

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121618\
 Data File : BF111517.D
 Acq On : 16 Dec 2018 19:20
 Operator : JU/SJ
 Sample : J6353-03MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS001-0002-01MSD

Manual Integrations
 APPROVED

Sohil
 12/17/2018 11:19:55 AM

Quant Time: Dec 17 07:36:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	209895	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	844315	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	341941	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	368369	20.00	ng	0.00
76) Chrysene-d12	13.95	240	259984	20.00	ng	0.00
87) Perylene-d12	15.39	264	186095	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1111248	88.10	ng	0.00
7) Phenol-d6	6.44	99	1397662	83.30	ng	0.00
23) Nitrobenzene-d5	7.35	82	837320	59.06	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	157377	51.38	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1360456	61.46	ng	0.00
79) Terphenyl-d14	12.89	244	613496	55.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	101364	16.639	ng	97
3) Pyridine	3.26	79	275866	18.030	ng	95
4) n-Nitrosodimethylamine	3.19	42	140067	20.154	ng	84
6) Aniline	6.45	93	306179	14.712	ng	# 1
8) 2-Chlorophenol	6.58	128	417134	27.678	ng	97
9) Benzaldehyde	6.33	77	178602	17.550	ng	96
10) Phenol	6.45	94	647832	34.661	ng	94
11) bis(2-Chloroethyl)ether	6.52	93	399500	27.267	ng	97
12) 1,3-Dichlorobenzene	6.73	146	431434	26.006	ng	97
13) 1,4-Dichlorobenzene	6.81	146	431435	25.621	ng	96
14) 1,2-Dichlorobenzene	6.96	146	408760	25.803	ng	97
15) Benzyl Alcohol	6.93	79	334610	26.210	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	712545	24.908	ng	93
17) 2-Methylphenol	7.06	107	330207	27.224	ng	96
18) Hexachloroethane	7.30	117	135596	21.637	ng	92
19) n-Nitroso-di-n-propylamine	7.20	70	285812	25.820	ng	99
20) 3+4-Methylphenols	7.21	107	426144	28.009	ng	# 62
22) Acetophenone	7.20	105	588579	31.228	ng	# 84
24) Nitrobenzene	7.37	77	400629	27.699	ng	94
25) Isophorone	7.61	82	755609	31.496	ng	99
26) 2-Nitrophenol	7.69	139	147507	19.665	ng	97
27) 2,4-Dimethylphenol	7.73	122	357435	32.870	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	505788	30.540	ng	98
29) 2,4-Dichlorophenol	7.94	162	312244	26.898	ng	96
30) 1,2,4-Trichlorobenzene	8.02	180	318471	26.207	ng	99
31) Naphthalene	8.09	128	1199874	30.384	ng	96
32) Benzoic acid	7.85	122	12156m	1.294	ng	
33) 4-Chloroaniline	8.14	127	277853	15.823	ng	96
34) Hexachlorobutadiene	8.22	225	170889	25.525	ng	96
35) Caprolactam	8.49	113	109845	25.487	ng	94
36) 4-Chloro-3-methylphenol	8.63	107	319410	24.998	ng	99
37) 2-Methylnaphthalene	8.79	142	767150	28.708	ng	98
38) 1-Methylnaphthalene	8.89	142	708774	27.455	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	282595	30.136	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	21841	4.536	nq	98
43) 2,4,6-Trichlorophenol	9.07	196	162713	24.516	nq	100
44) 2,4,5-Trichlorophenol	9.12	196	169045	23.935	nq	94
46) 1,1'-Biphenyl	9.25	154	845229	29.173	nq	94
47) 2-Chloronaphthalene	9.27	162	643383	29.214	nq	94
48) 2-Nitroaniline	9.37	65	200332	28.016	nq	88
49) Acenaphthylene	9.69	152	970160	29.678	nq	95
50) Dimethylphthalate	9.55	163	858541	34.863	nq	99
51) 2,6-Dinitrotoluene	9.61	165	149659	26.999	nq	93
52) Acenaphthene	9.86	154	550489	26.643	nq	98
53) 3-Nitroaniline	9.77	138	157131	23.338	nq	96
54) 2,4-Dinitrophenol	9.89	184	438	0.208	nq	# 1
55) Dibenzofuran	10.03	168	811478	27.057	nq	93
56) 4-Nitrophenol	9.96	139	171379	36.781	nq	91
57) 2,4-Dinitrotoluene	10.01	165	175103	24.068	nq	96
58) Fluorene	10.37	166	596409	27.417	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.15	232	109464	19.837	nq	# 97
60) Diethylphthalate	10.25	149	692558	27.764	nq	96
61) 4-Chlorophenyl-phenylether	10.37	204	276185	25.950	nq	96
62) 4-Nitroaniline	10.39	138	155324	23.304	nq	92
63) Azobenzene	10.53	77	607814	24.716	nq	95
65) 4,6-Dinitro-2-methylphenol	10.42	198	2555	1.229	nq	# 17
66) n-Nitrosodiphenylamine	10.48	169	534123	42.047	nq	97
67) 4-Bromophenyl-phenylether	10.86	248	109372	27.548	nq	96
68) Hexachlorobenzene	10.93	284	109846	26.897	nq	98
69) Atrazine	11.01	200	120646	32.863	nq	100
70) Pentachlorophenol	11.12	266	70696	28.223	nq	98
71) Phenanthrene	11.33	178	576499	30.372	nq	93
72) Anthracene	11.39	178	583085	30.037	nq	95
73) Carbazole	11.54	167	521973	26.003	nq	95
74) Di-n-butylphthalate	11.87	149	599300	26.807	nq	96
75) Fluoranthene	12.52	202	470883	25.358	nq	95
77) Benzidine	12.64	184	151213	15.822	nq	97
78) Pyrene	12.75	202	475823	25.959	nq	95
80) Butylbenzylphthalate	13.37	149	251453	28.144	nq	95
81) Benzo(a)anthracene	13.94	228	413402	29.244	nq	97
82) 3,3'-Dichlorobenzidine	13.90	252	123645	21.516	nq	98
83) Chrysene	13.97	228	418187	28.082	nq	96
84) Bis(2-ethylhexyl)phthalate	13.93	149	514410	45.078	nq	96
85) Di-n-octyl phthalate	14.54	149	631732	32.820	nq	# 86
86) Indeno(1,2,3-cd)pyrene	16.81	276	276561	25.732	nq	94
88) Benzo(b)fluoranthene	14.97	252	329874	30.404	nq	# 94
89) Benzo(k)fluoranthene	15.00	252	343454	33.130	nq	# 95
90) Benzo(a)pyrene	15.33	252	290377	29.679	nq	# 96
91) Dibenzo(a,h)anthracene	16.82	278	237908	30.826	nq	97
92) Benzo(g,h,i)perylene	17.23	276	225455	29.761	nq	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

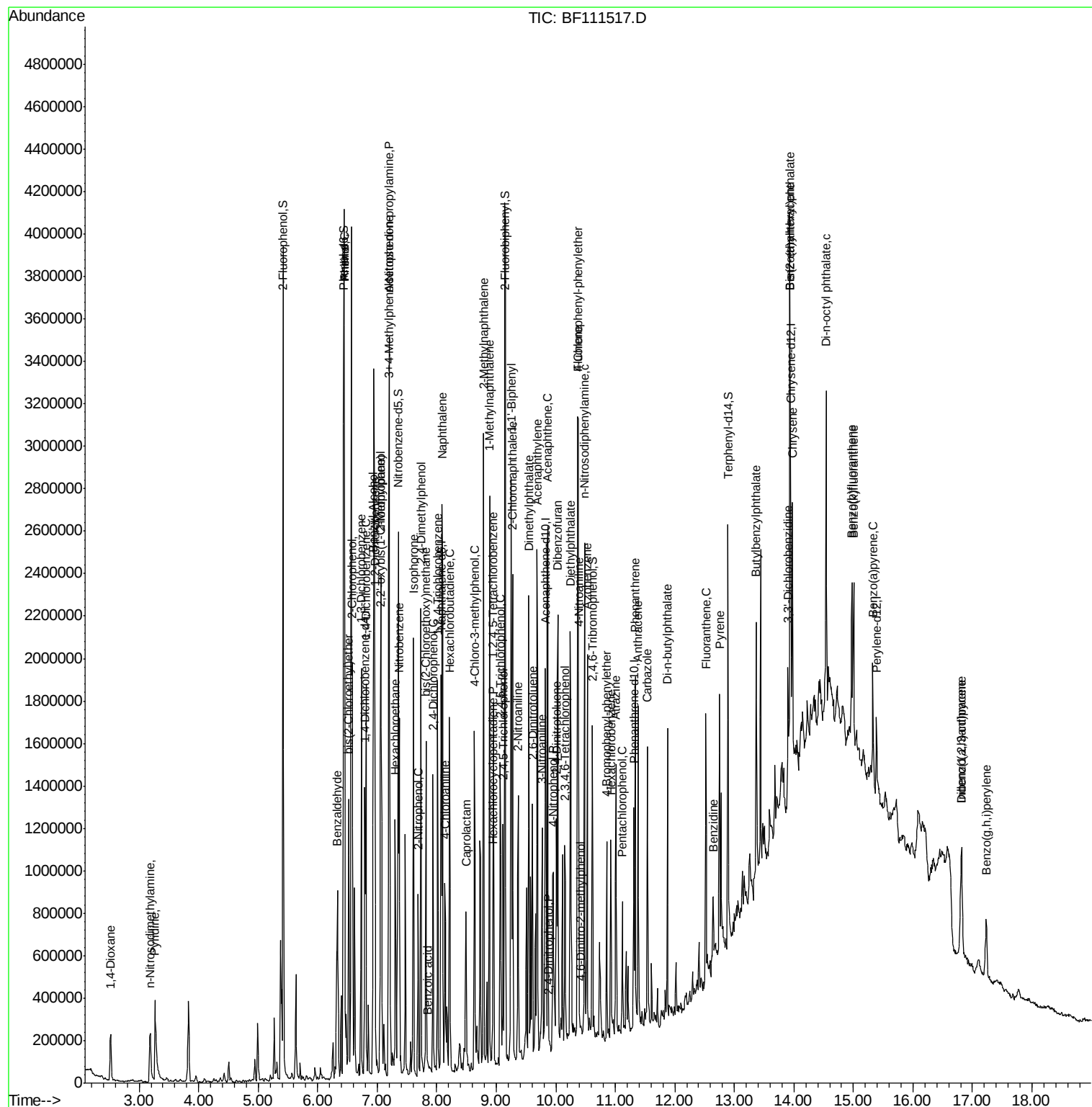
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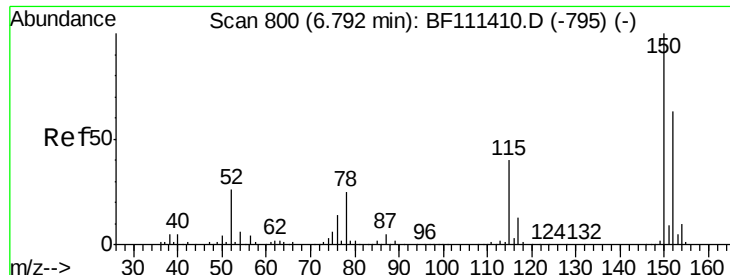
Instrument :
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 P001-SS001-0002-01MSD

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#1

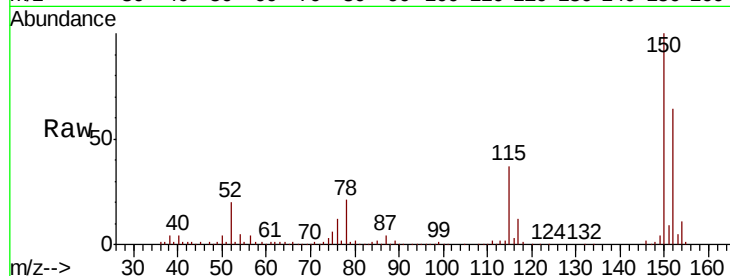
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF111517.D
Acq: 16 Dec 2018 19:20

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	126.6	189.8
115	57.5	50.7	76.1

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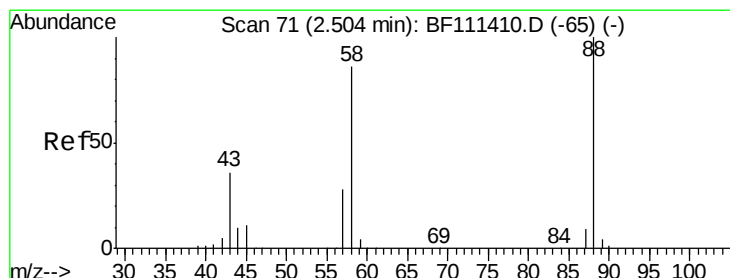
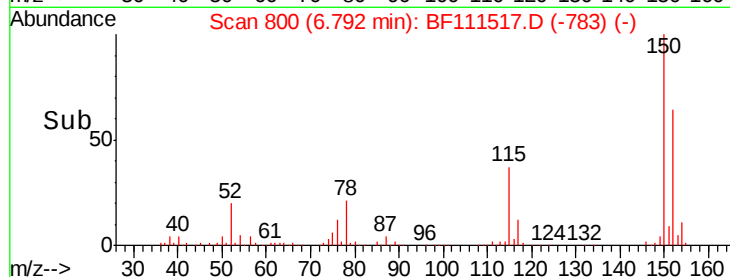
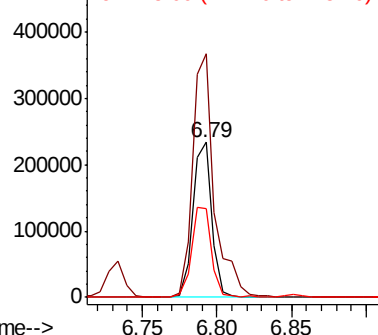


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 16.639 ng
RT: 2.52 min Scan# 74
Delta R.T. 0.02 min
Lab File: BF111517.D
Acq: 16 Dec 2018 19:20

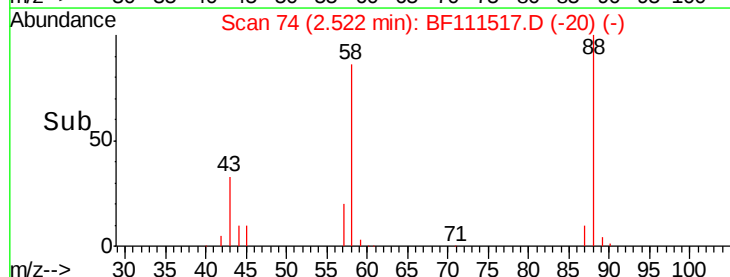
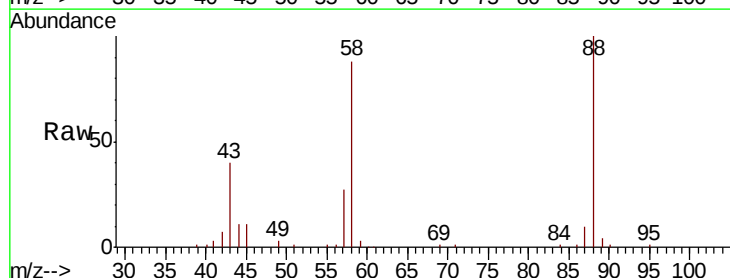
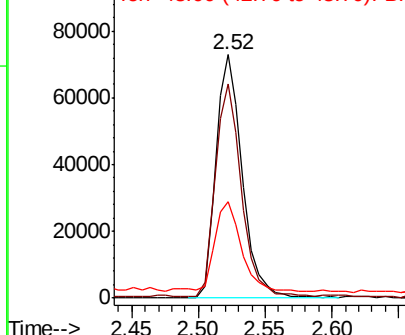
Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.5	68.9	103.3
43	38.6	25.8	38.6

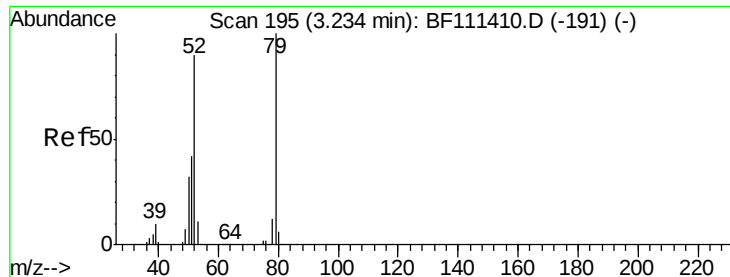
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 18.030 ng

RT: 3.26 min Scan# 200

Delta R.T. 0.03 min

Lab File: BF111517.D

Acq: 16 Dec 2018 19:20

Instrument :

BNA_F

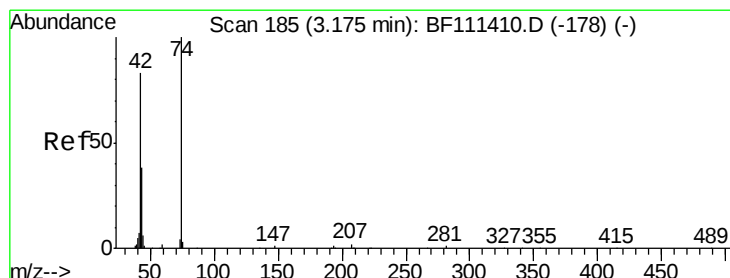
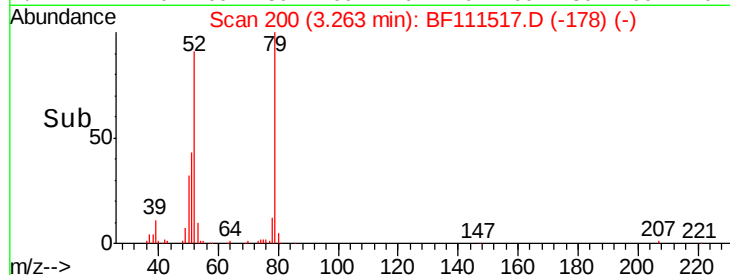
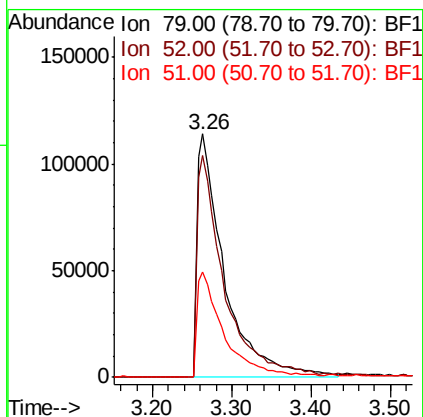
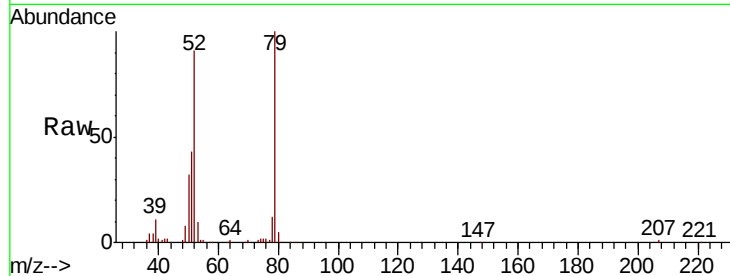
ClientSampleId :

P001-SS001-0002-01MSD

Tot Ion:	79	Resp:	275866
Ion Ratio	Lower	Upper	
79	100		
52	91.1	68.3	102.5
51	43.2	32.6	49.0

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#4

n-Nitrosodimethylamine

Concen: 20.154 ng

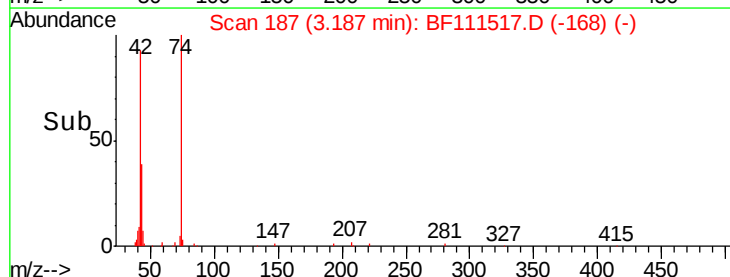
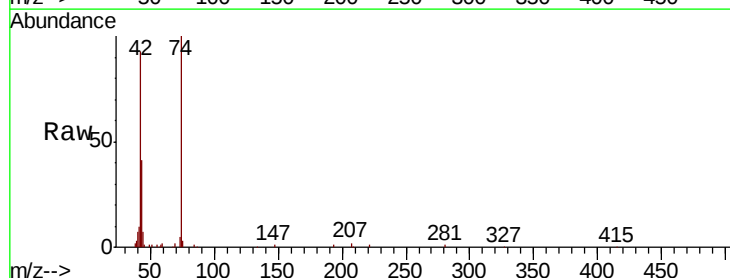
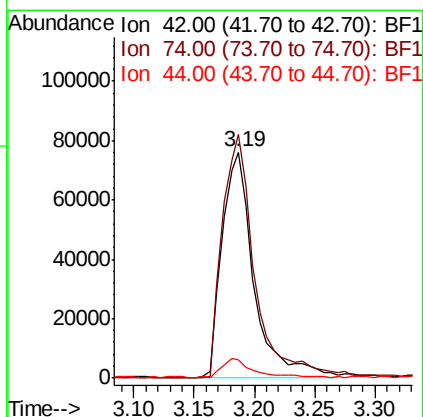
RT: 3.19 min Scan# 187

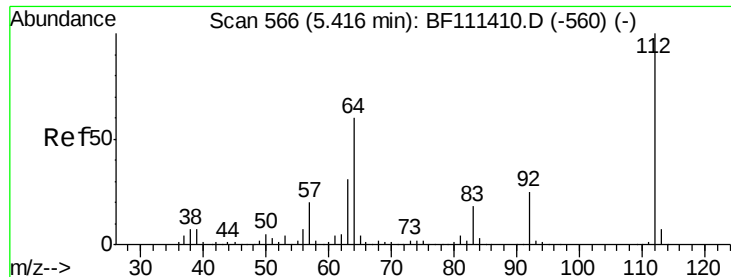
Delta R.T. 0.01 min

Lab File: BF111517.D

Acq: 16 Dec 2018 19:20

Tgt Ion:	42	Resp:	140067
Ion Ratio	Lower	Upper	
42	100		
74	107.9	101.5	152.3
44	8.0	6.0	9.0





#5

2-Fluorophenol

Concen: 88.100 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF111517.D

Acq: 16 Dec 2018 19:20

Instrument :

BNA_F

ClientSampleId :

P001-SS001-0002-01MSD

Tot Ion: 112 Resp: 1111248

Ion Ratio Lower Upper

112 100

64 57.1 51.8 77.6

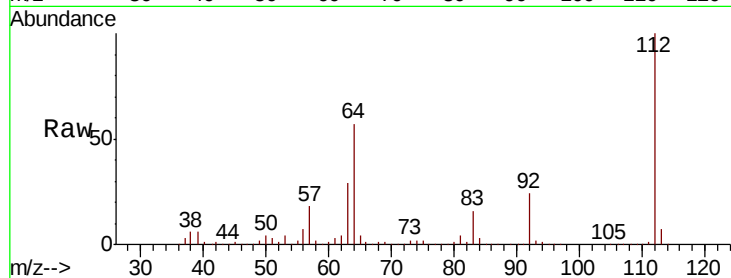
63 29.0 26.8 40.2

Manual Integrations

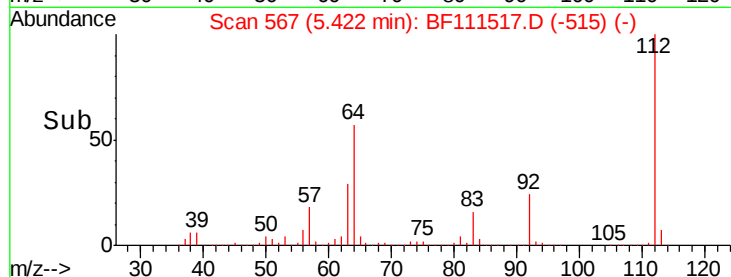
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Abundance Ion 112.00 (111.70 to 112.70): BF111517.D (-515) (-)



Ion 64.00 (63.70 to 64.70): BF111517.D (-515) (-)

Ion 63.00 (62.70 to 63.70): BF111517.D (-515) (-)

Time-->

5.42

1500000

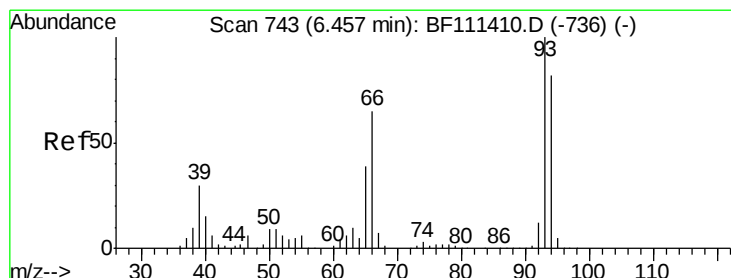
1000000

500000

0

5.40

5.50



#6

Aniline

Concen: 14.712 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF111517.D

Acq: 16 Dec 2018 19:20

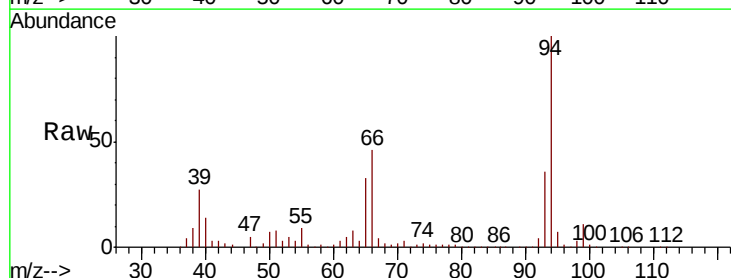
Tgt Ion: 93 Resp: 306179

Ion Ratio Lower Upper

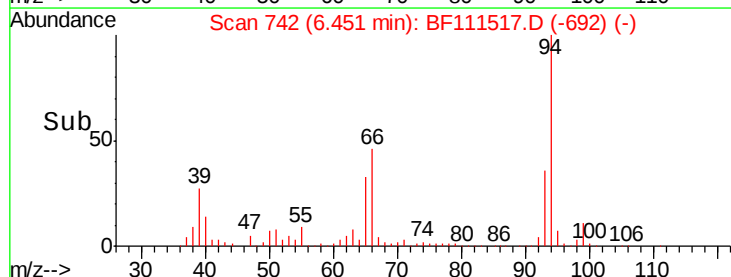
93 100

66 128.8 33.2 49.8#

65 92.6 17.0 25.4#



Abundance Ion 93.00 (92.70 to 93.70): BF111517.D (-692) (-)



Ion 66.00 (65.70 to 66.70): BF111517.D (-692) (-)

Ion 65.00 (64.70 to 65.70): BF111517.D (-692) (-)

Time-->

6.45

600000

500000

400000

300000

200000

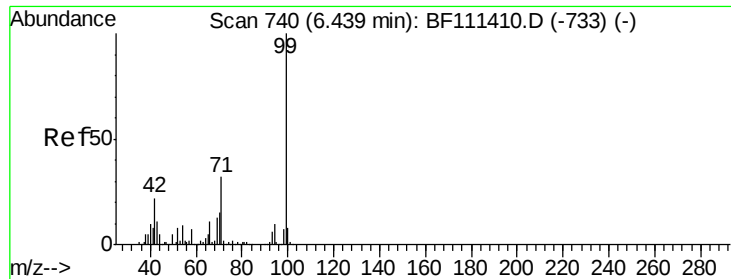
100000

0

6.40

6.45

6.50



#7

Phenol-d6

Concen: 83.303 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF111517.D

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BNA_F

ClientSampleId :

P001-SS001-0002-01MSD

Tot Ion: 99 Resp: 1397662

Ion Ratio Lower Upper

99 100

42 19.1 17.4 26.0

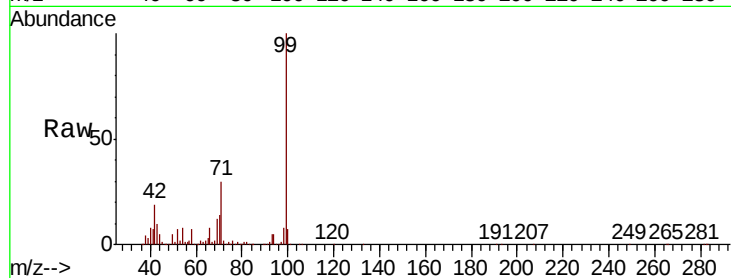
71 30.1 26.1 39.1

Manual Integrations

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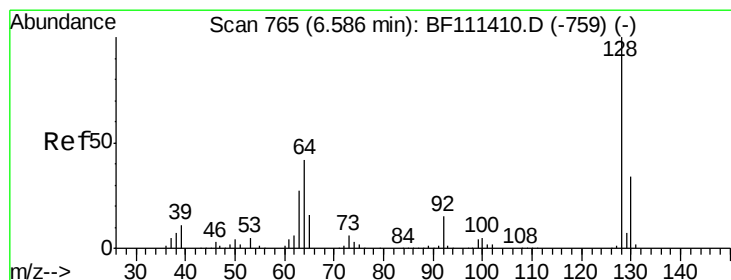
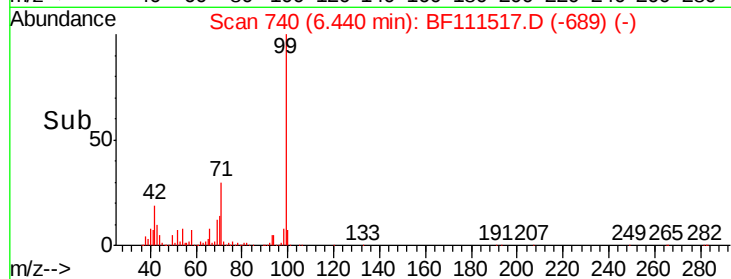
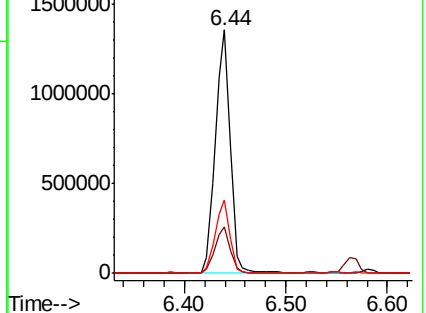
12/17/2018 11:19:55 AM



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 27.678 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF111517.D

Acq: 16 Dec 2018 19:20

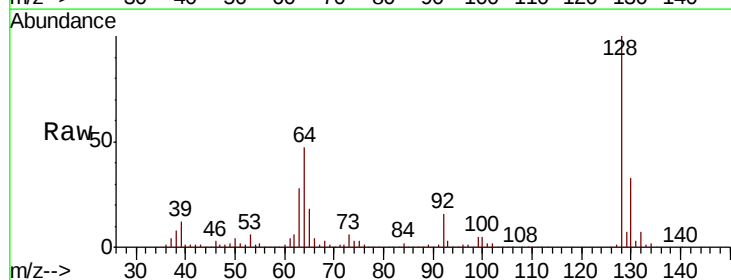
Tgt Ion: 128 Resp: 417134

Ion Ratio Lower Upper

128 100

130 32.8 12.7 52.7

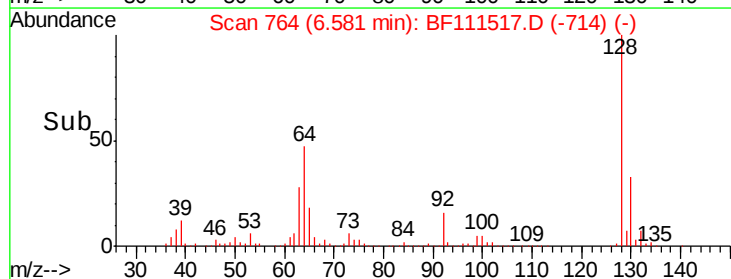
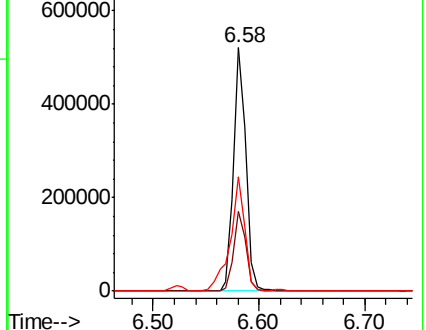
64 46.9 30.0 70.0

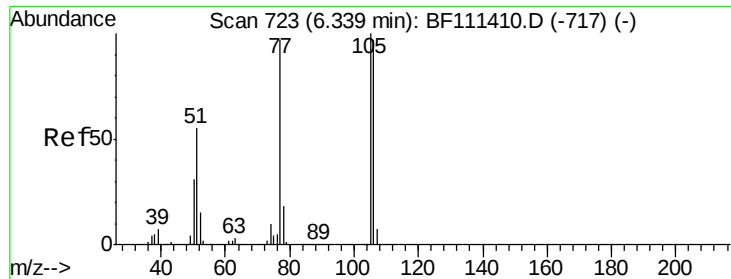


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 17.550 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

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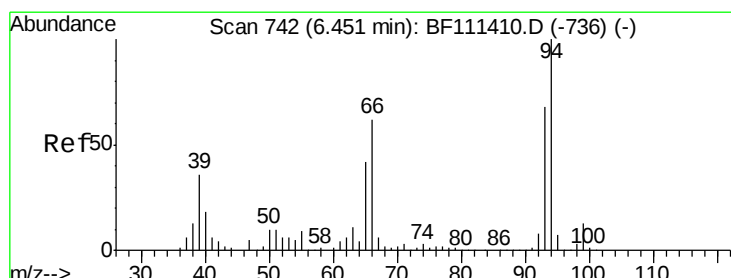
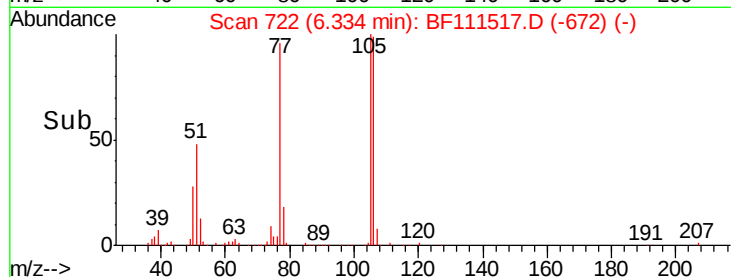
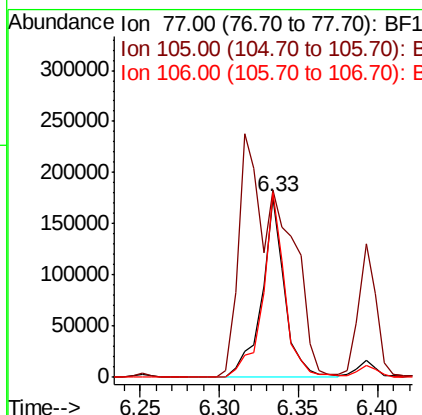
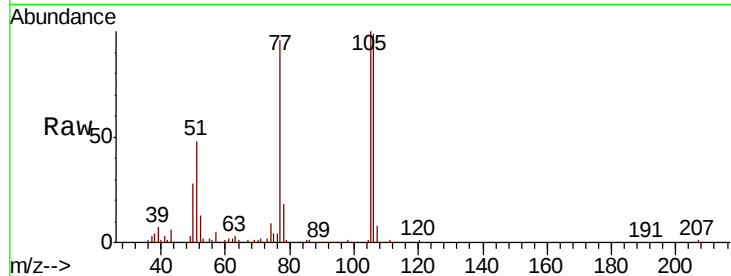
ClientSampleId :

P001-SS001-0002-01MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	104.1	81.4	121.4
106	102.6	77.9	117.9

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#10

Phenol

Concen: 34.661 ng

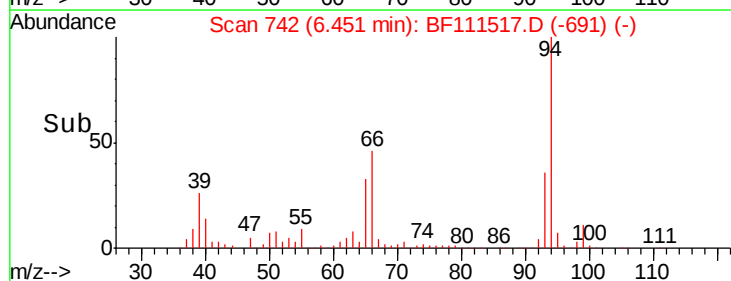
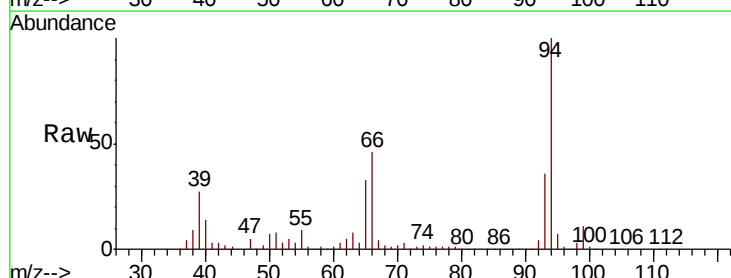
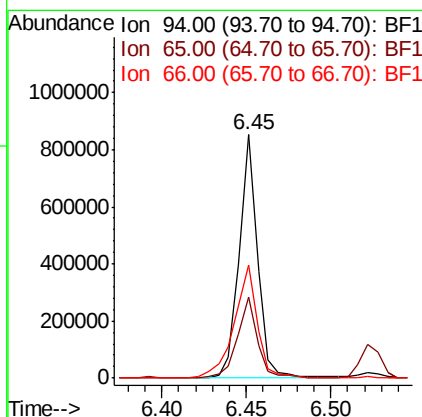
RT: 6.45 min Scan# 742

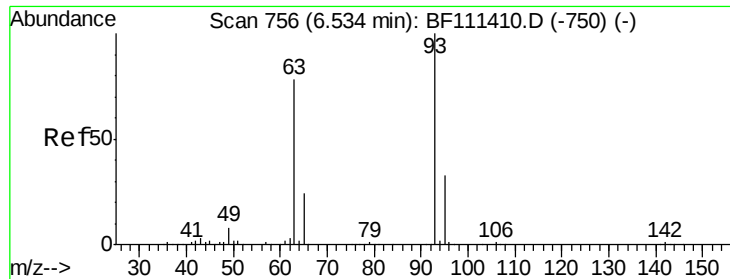
Delta R.T. 0.00 min

Lab File: BF111517.D

Acq: 16 Dec 2018 19:20

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.3	11.7	51.7
66	46.3	21.0	61.0





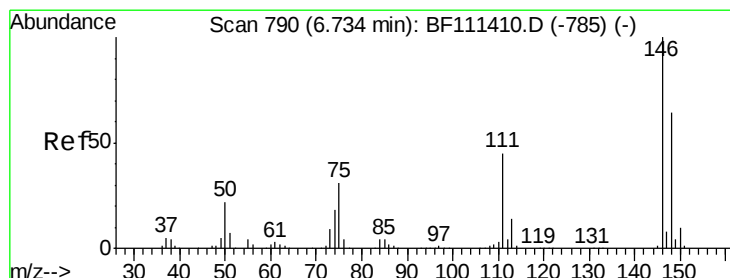
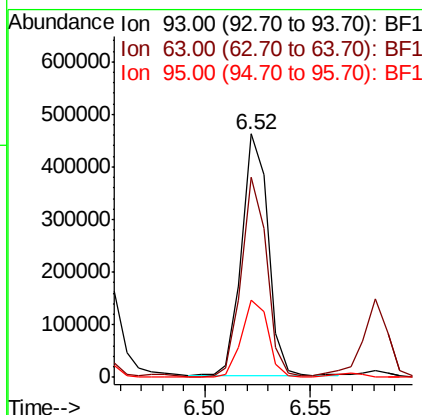
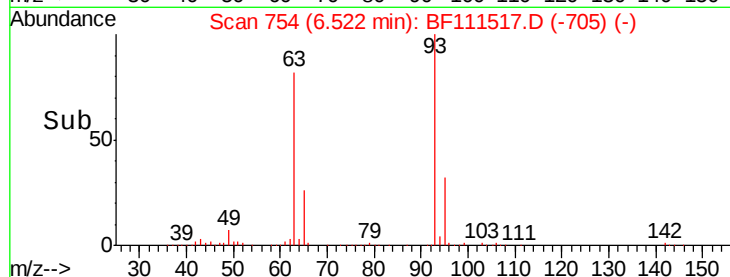
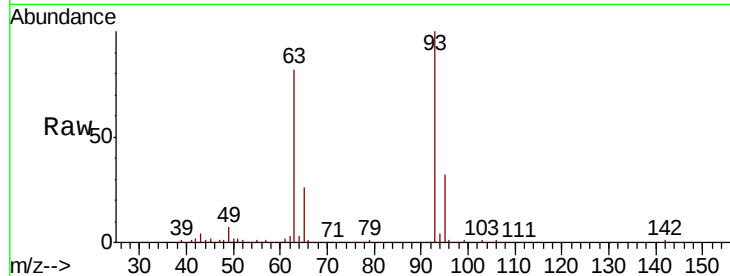
#11
bis(2-Chloroethyl)ether
Concen: 27.267 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF111517.D
Acq: 16 Dec 2018 19:20

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	399500		
63	82.2	60.0	100.0	
95	31.9	13.4	53.4	

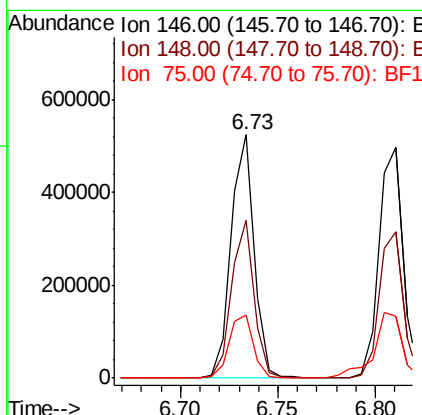
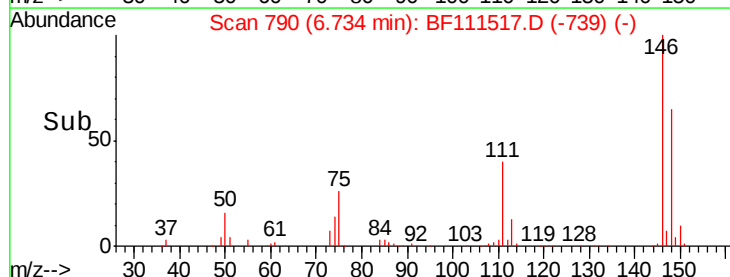
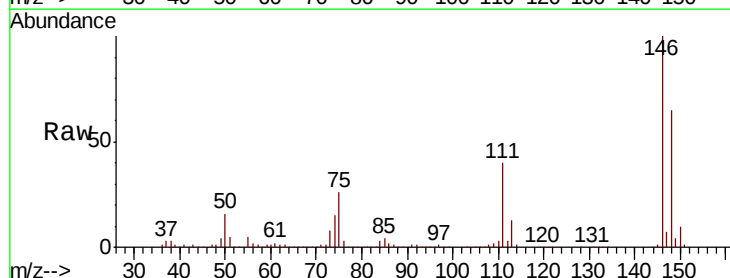
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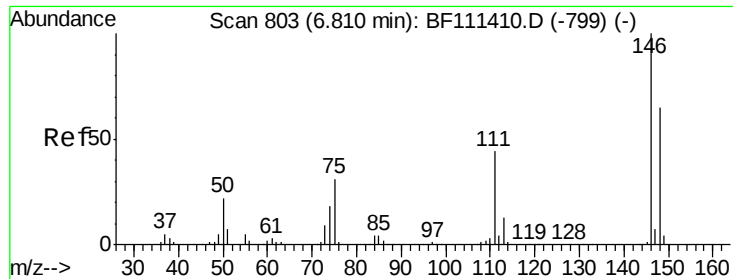
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#12
1,3-Dichlorobenzene
Concen: 26.006 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF111517.D
Acq: 16 Dec 2018 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	431434		
148	64.6	52.1	78.1	
75	26.2	23.9	35.9	





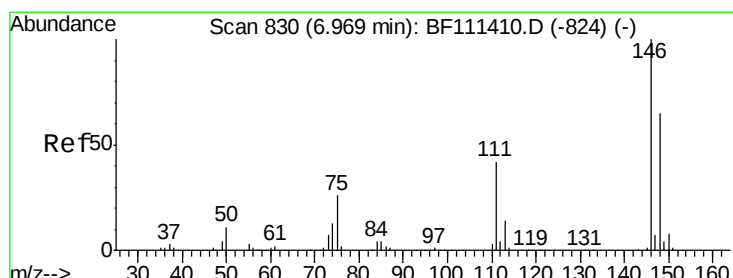
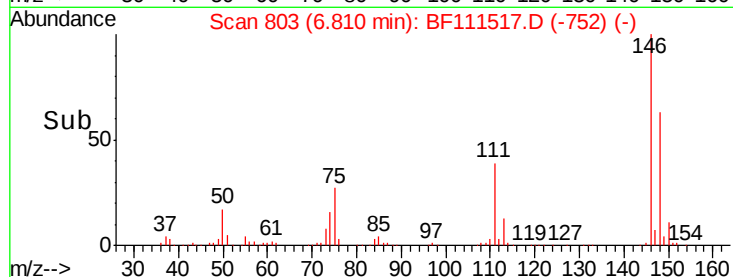
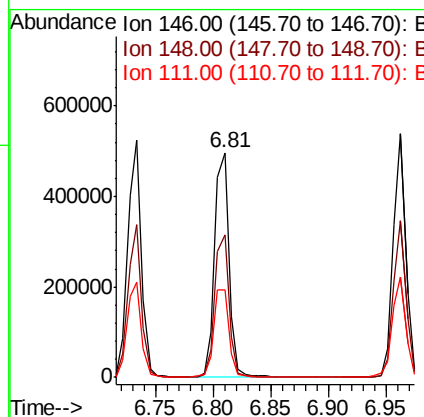
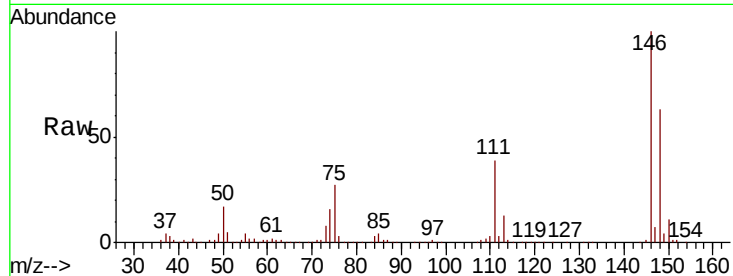
#13
1,4-Dichlorobenzene
Concen: 25.621 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF111517.D
Acq: 16 Dec 2018 19:20

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	52.8	79.2
111	39.1	33.4	50.0

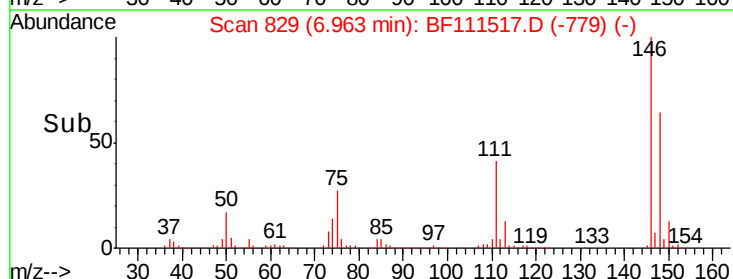
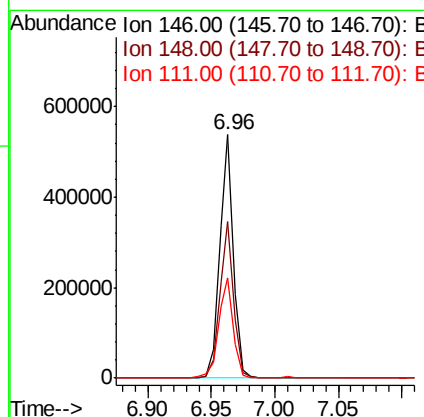
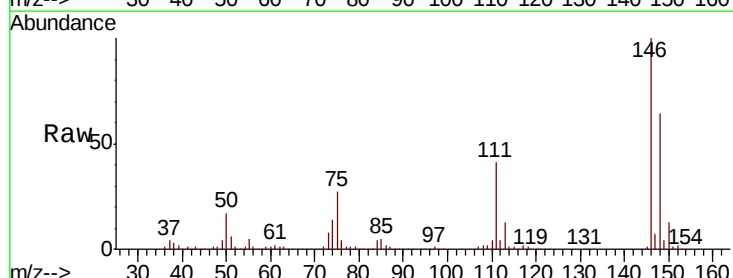
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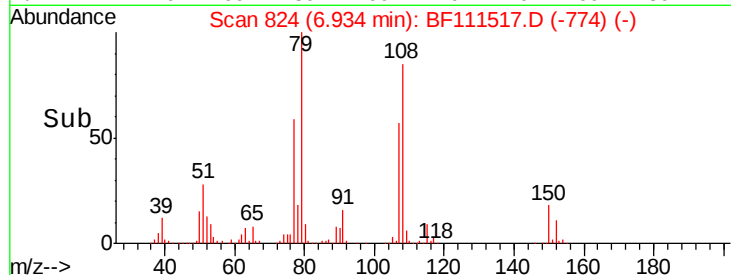
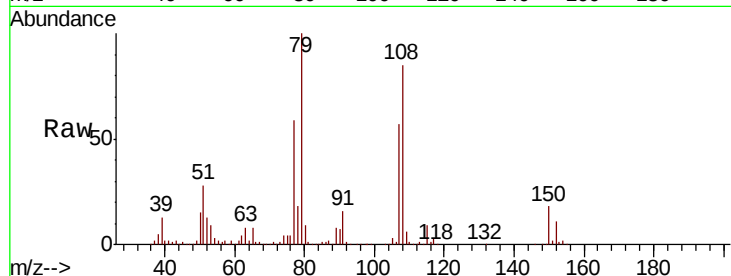
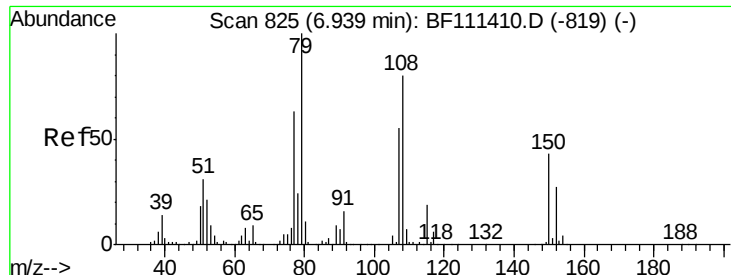
Sohil
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#14
1,2-Dichlorobenzene
Concen: 25.803 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF111517.D
Acq: 16 Dec 2018 19:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.9	77.9
111	41.0	36.2	54.4





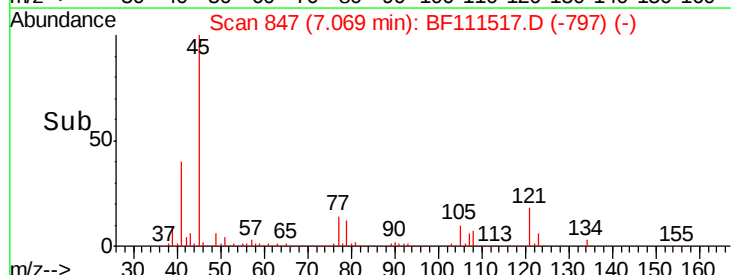
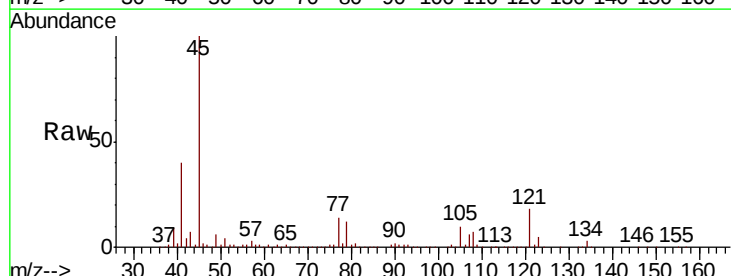
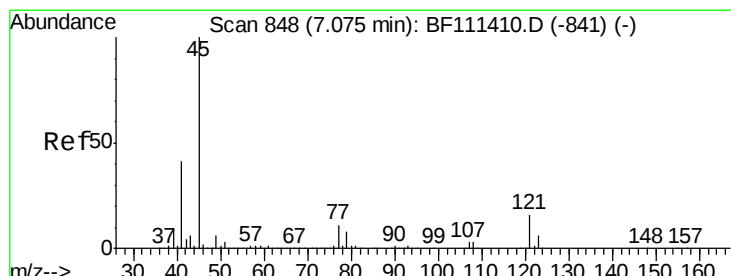
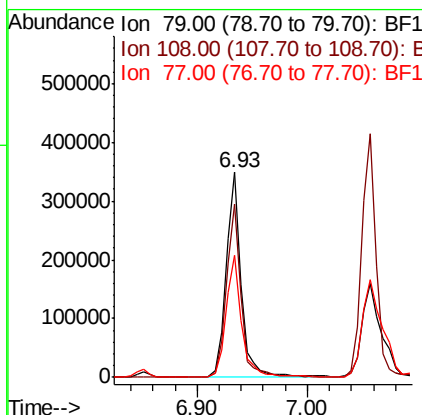
#15
Benzyl Alcohol
Concen: 26.210 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF111517.D
Acq: 16 Dec 2018 19:20

Tot Ion	Ratio	Lower	Upper
79	100		
108	84.7	69.4	104.2
77	59.3	49.7	74.5

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01MSD

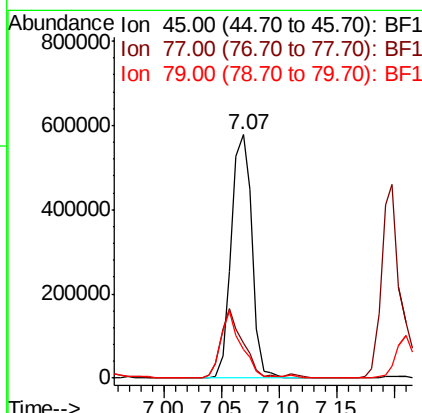
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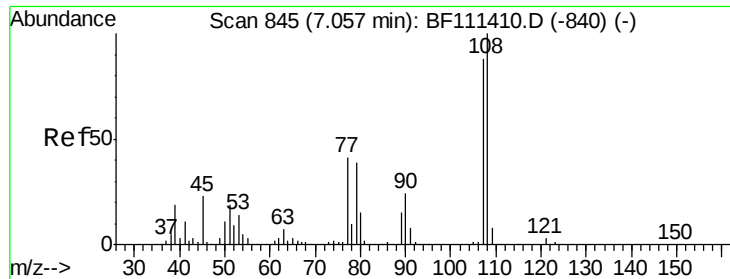
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 24.908 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF111517.D
Acq: 16 Dec 2018 19:20

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.1	0.0	31.5
79	11.6	0.0	28.9





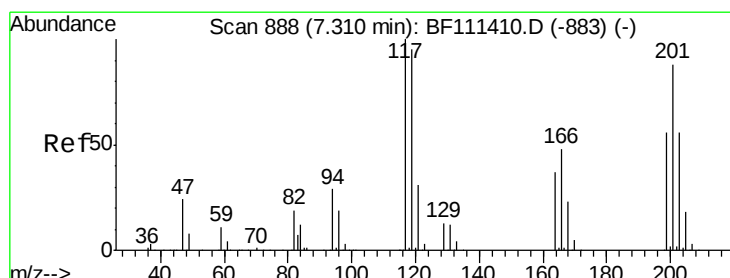
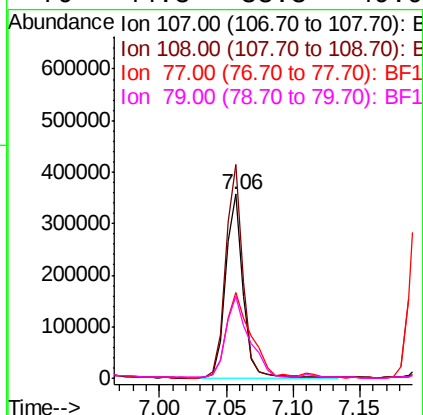
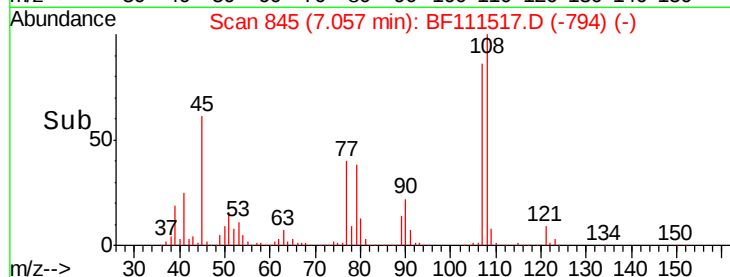
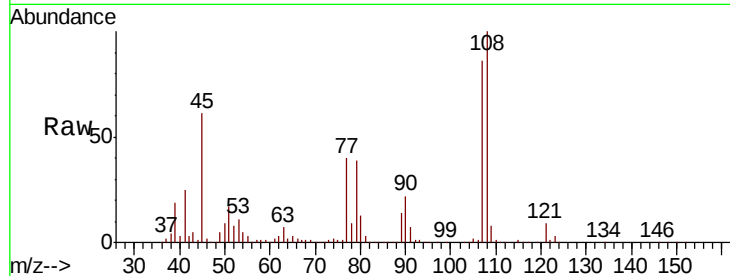
#17
2-Methylphenol
Concen: 27.224 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF111517.D
Acq: 16 Dec 2018 19:20

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	116.0	91.0	136.4	
77	46.4	33.5	50.3	
79	44.8	33.3	49.9	

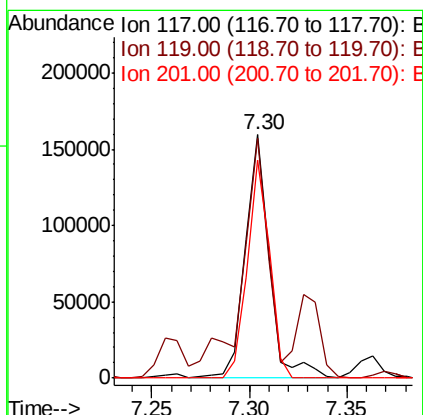
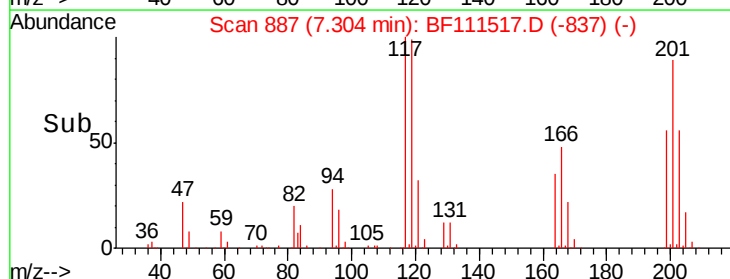
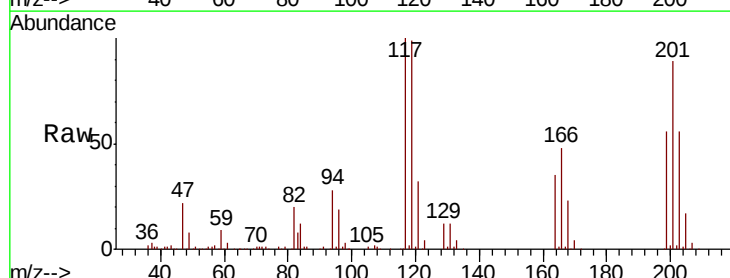
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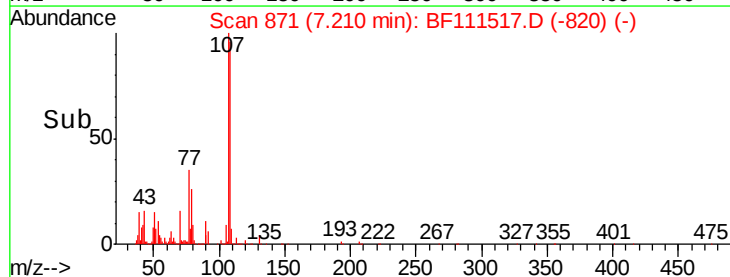
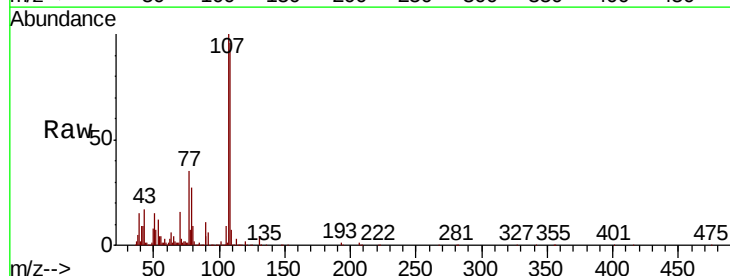
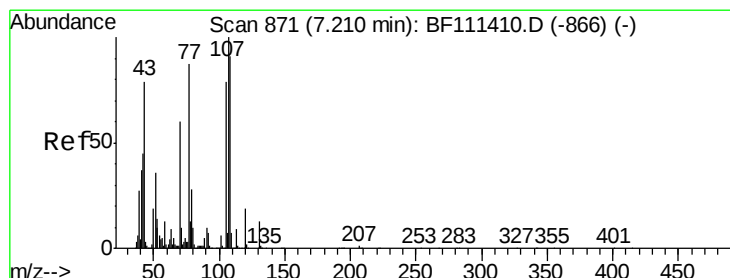
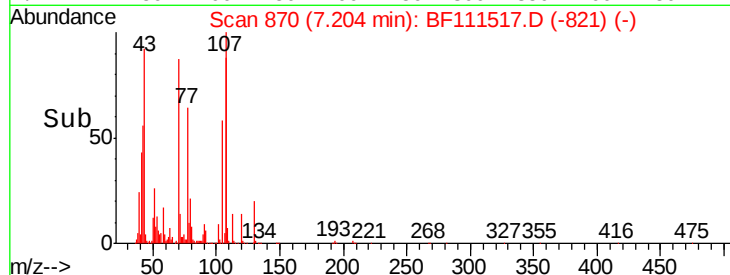
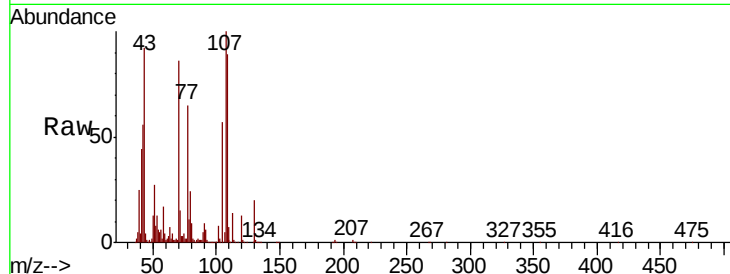
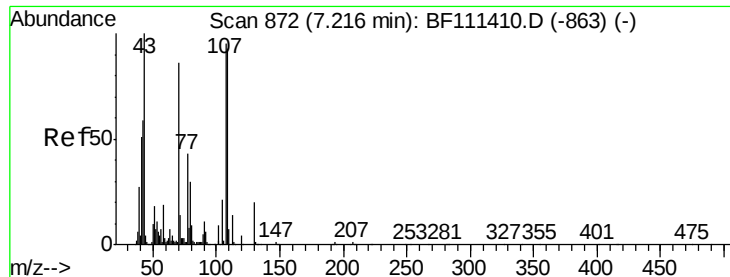
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12/17/2018 11:19:55 AM



#18
Hexachloroethane
Concen: 21.637 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF111517.D
Acq: 16 Dec 2018 19:20

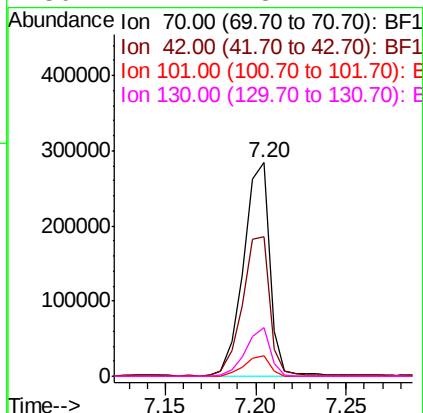
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.5	75.4	113.0	
201	89.4	62.4	93.6	





#19
n-Nitroso-di-n-propylamine
Concen: 25.820 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF111517.D
Acq: 16 Dec 2018 19:20

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	65.1	53.2	79.8	
101	9.8	8.2	12.4	
130	22.7	18.1	27.1	



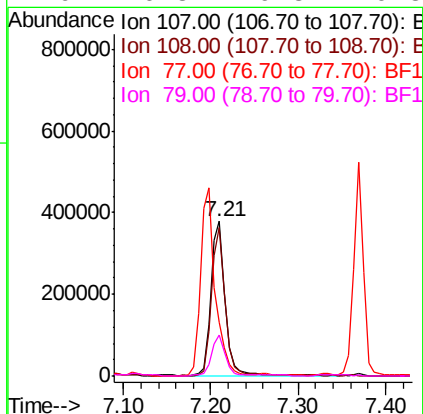
Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01MSD

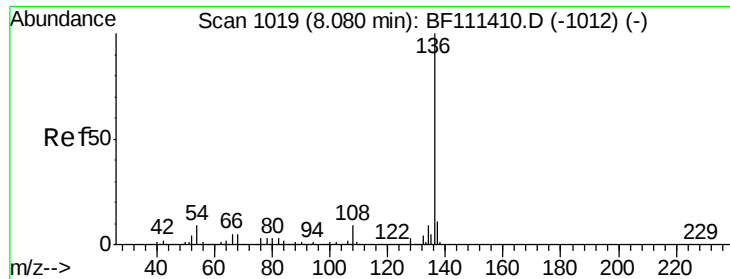
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#20
3+4-Methylphenols
Concen: 28.009 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF111517.D
Acq: 16 Dec 2018 19:20

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	95.9	72.1	112.1	
77	34.9	94.1	134.1#	
79	26.8	9.8	49.8	





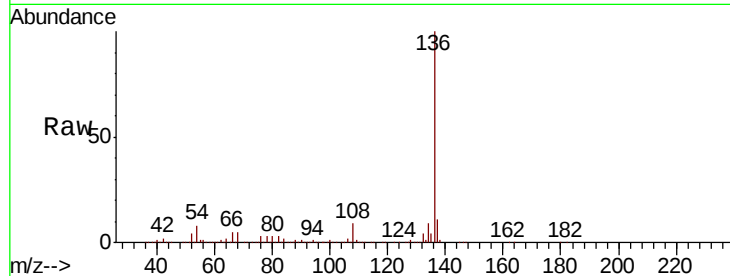
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111517.D
Acq: 16 Dec 2018 19:20

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01MSD

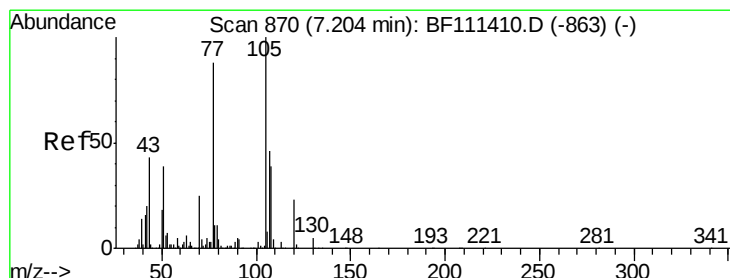
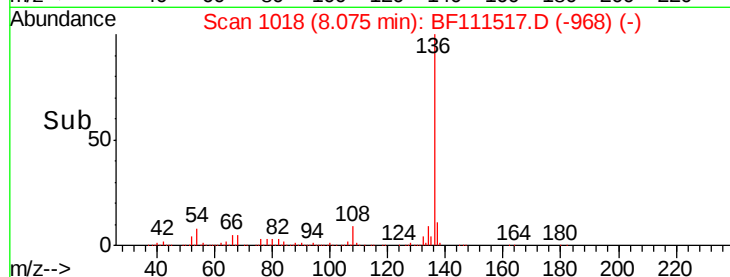
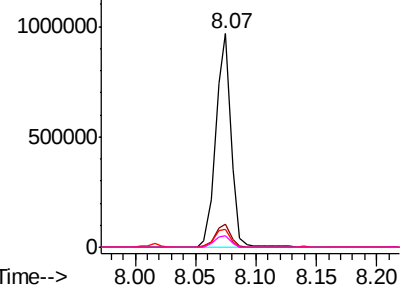
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	9.1	13.7	
54	8.4	7.7	11.5	
68	5.4	4.9	7.3	

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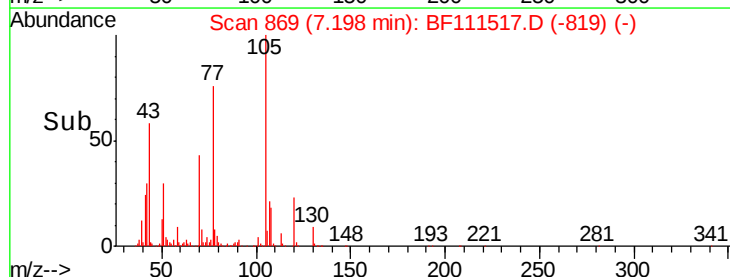
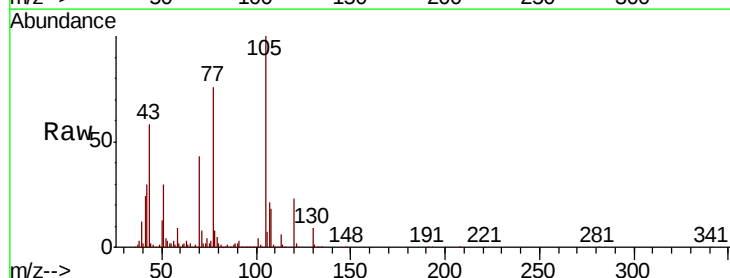
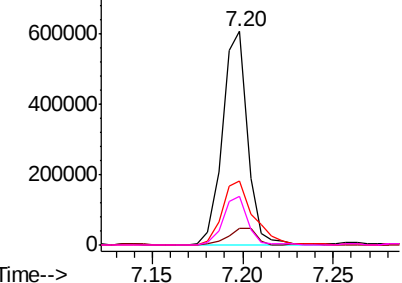
Abundance Ion 136.00 (135.70 to 136.70): E
1500000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

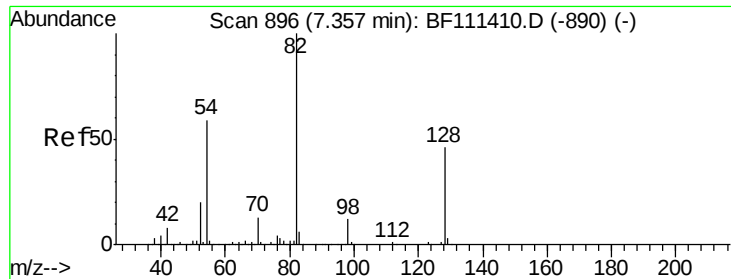


#22
Acetophenone
Concen: 31.228 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF111517.D
Acq: 16 Dec 2018 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.7	3.1	4.7#	
51	30.1	36.6	54.8#	
120	23.1	18.2	27.4	

Abundance Ion 105.00 (104.70 to 105.70): E
800000
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





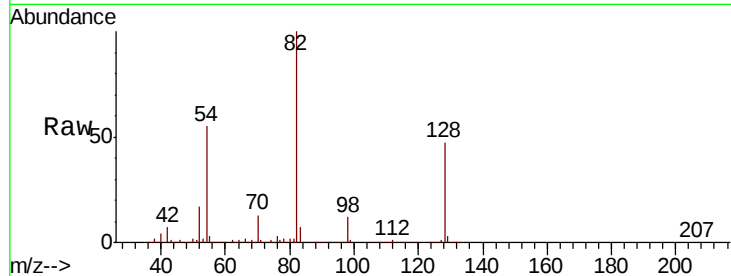
#23
Nitrobenzene-d5
Concen: 59.055 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111517.D
Acq: 16 Dec 2018 19:20

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01MSD

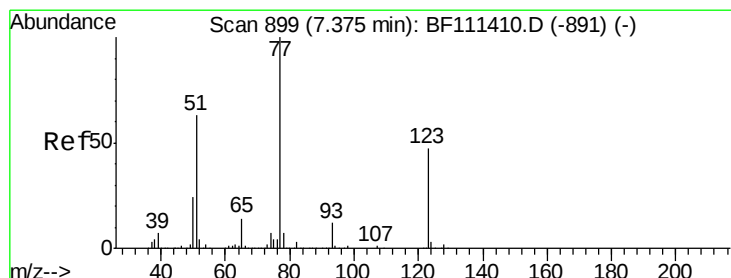
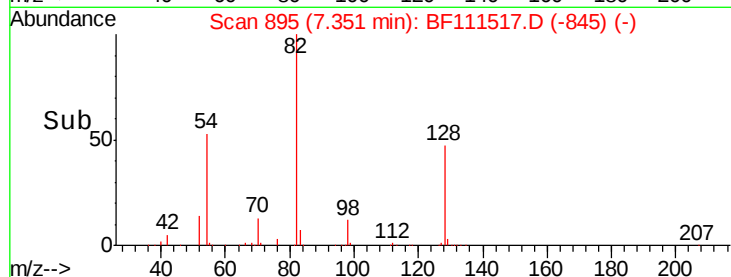
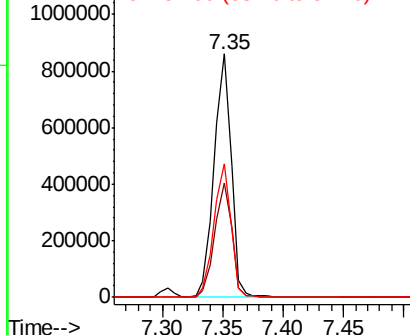
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.0	37.4	56.2
54	54.7	47.6	71.4

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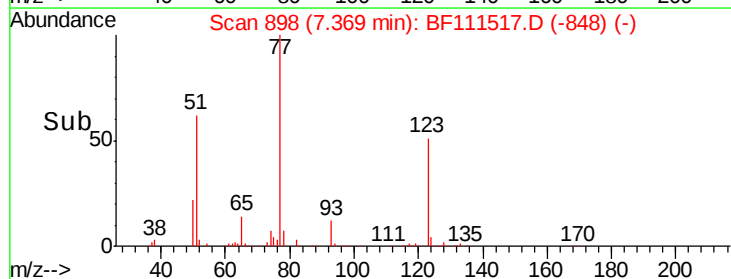
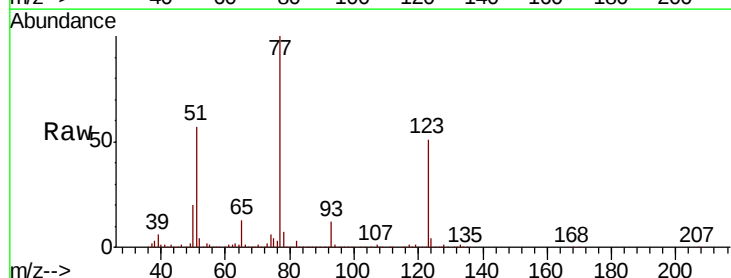
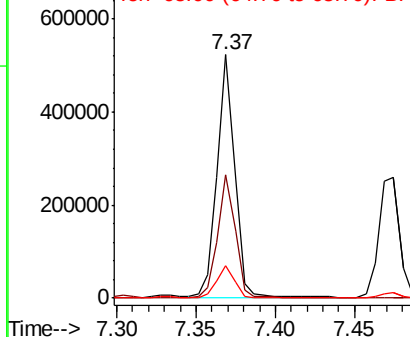
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

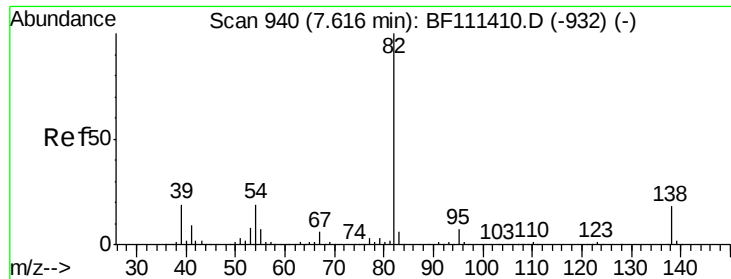


#24
Nitrobenzene
Concen: 27.699 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF111517.D
Acq: 16 Dec 2018 19:20

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.7	37.2	55.8
65	13.1	11.5	17.3

Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 31.496 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF111517.D

Acq: 16 Dec 2018 19:20

Instrument :

BNA_F

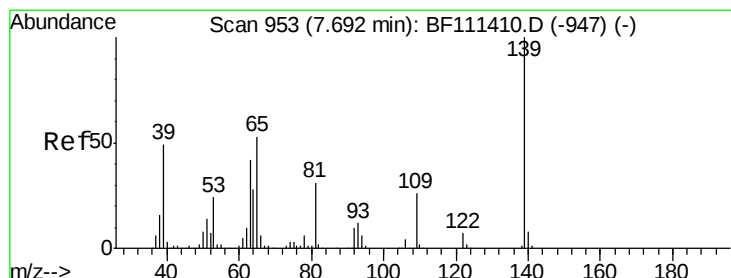
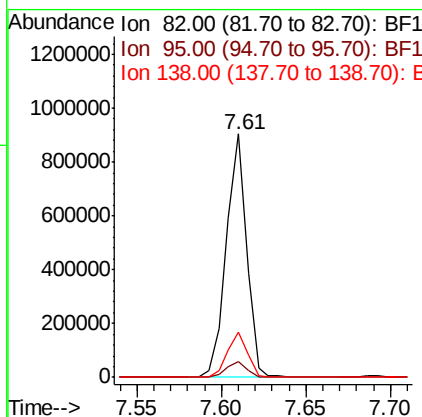
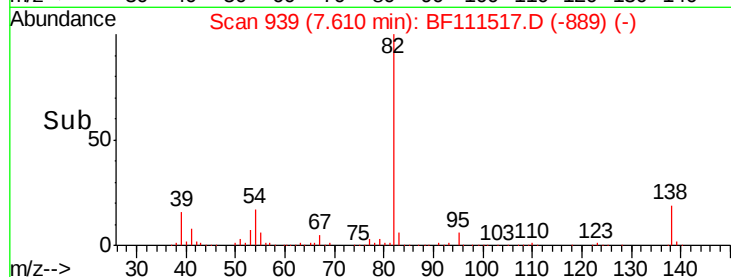
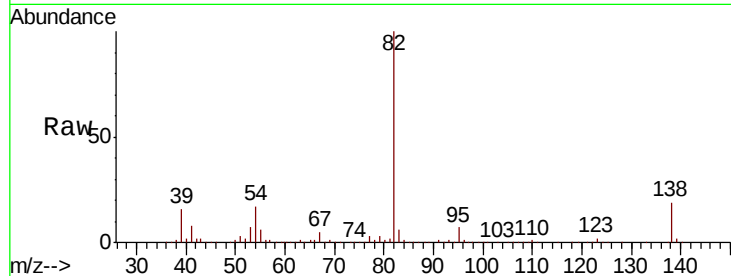
ClientSampleId :

P001-SS001-0002-01MSD

Tot Ion:	82	Resp:	755609
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.4	8.2
138	18.5	15.1	22.7

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12/17/2018 11:19:55 AM



#26

2-Nitrophenol

Concen: 19.665 ng

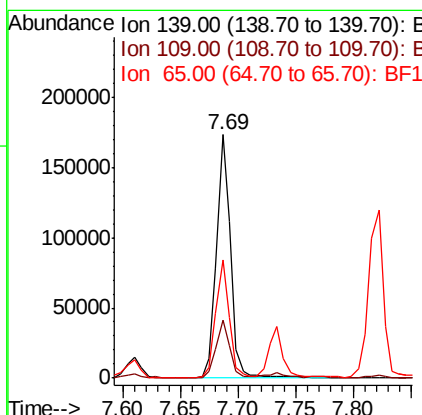
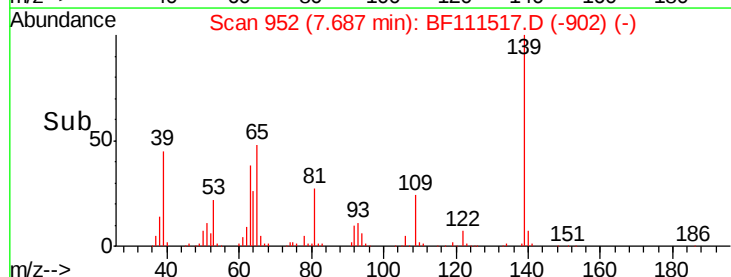
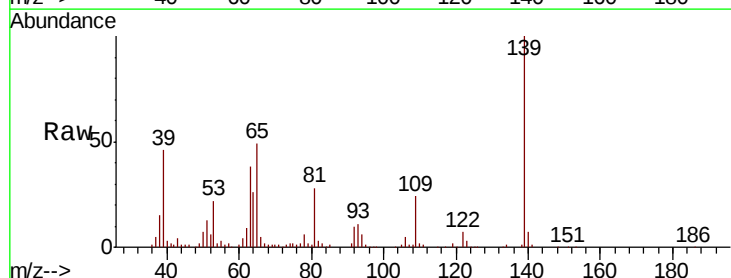
RT: 7.69 min Scan# 952

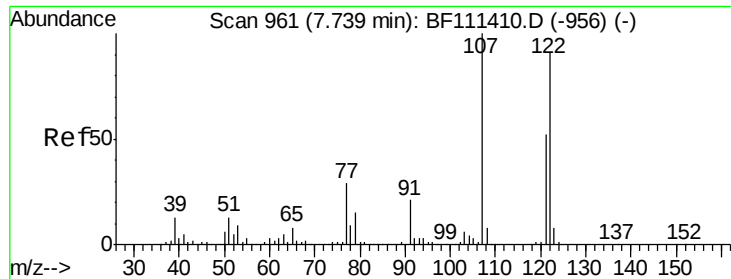
Delta R.T. -0.01 min

Lab File: BF111517.D

Acq: 16 Dec 2018 19:20

Tgt Ion:	139	Resp:	147507
Ion Ratio	Lower	Upper	
139	100		
109	24.0	20.2	30.4
65	48.6	40.7	61.1





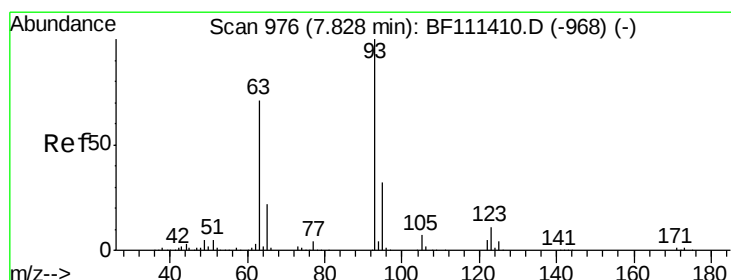
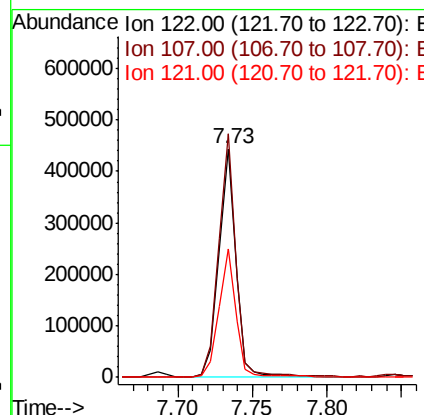
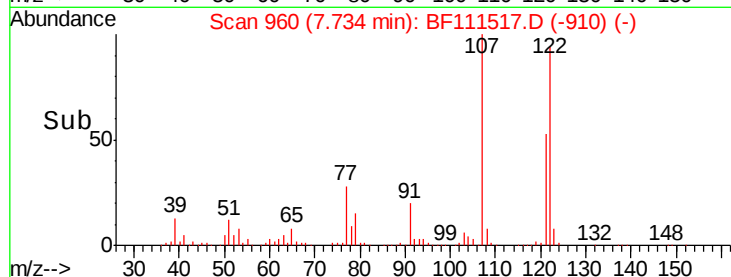
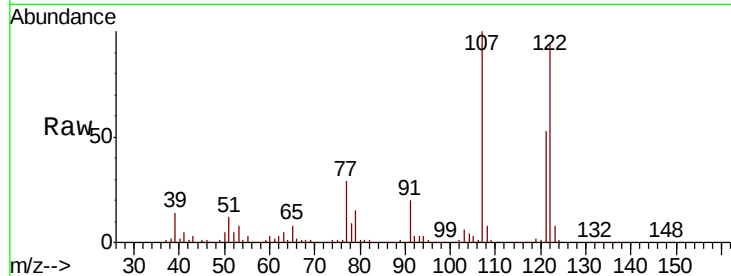
#27
2,4-Dimethylphenol
Concen: 32.870 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF111517.D
Acq: 16 Dec 2018 19:20

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	106.4	85.5	128.3
121	56.4	46.6	70.0

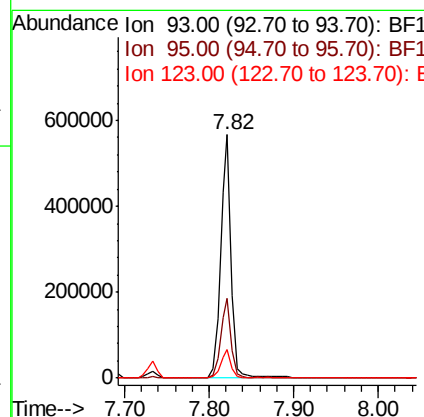
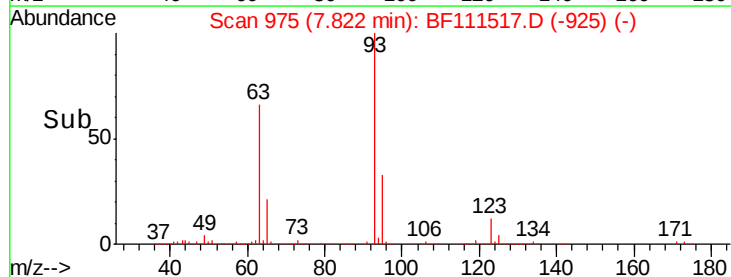
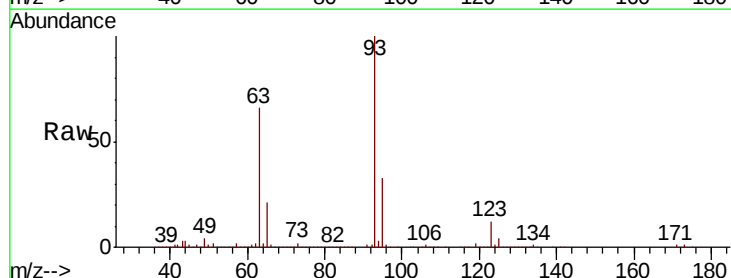
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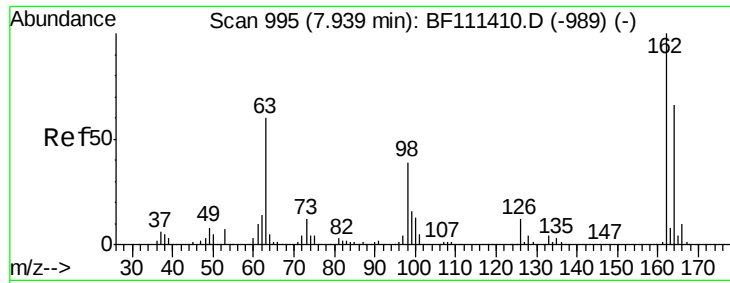
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 30.540 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BF111517.D
Acq: 16 Dec 2018 19:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	27.1	40.7
123	11.9	9.9	14.9





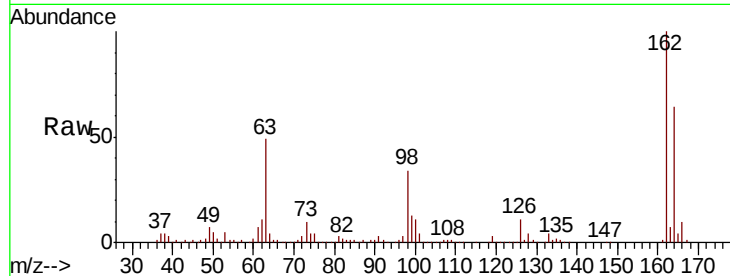
#29
2,4-Dichlorophenol
Concen: 26.898 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF111517.D
Acq: 16 Dec 2018 19:20

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01MSD

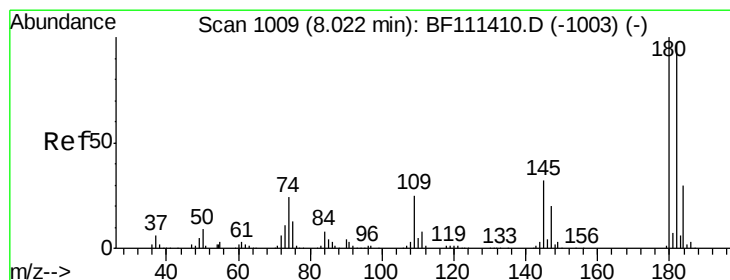
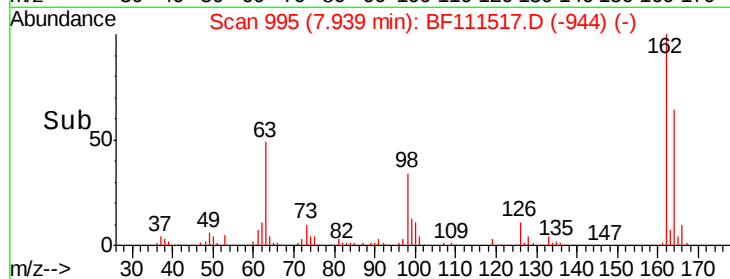
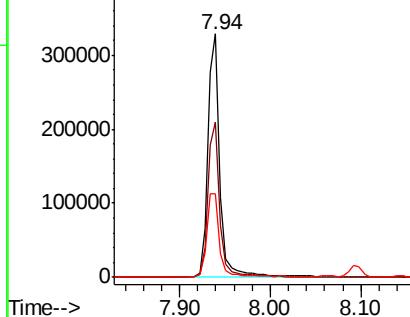
Tot Ion:	162	Resp:	312244
Ion Ratio	Lower	Upper	
162	100		
164	63.7	44.4	84.4
98	34.1	20.3	60.3

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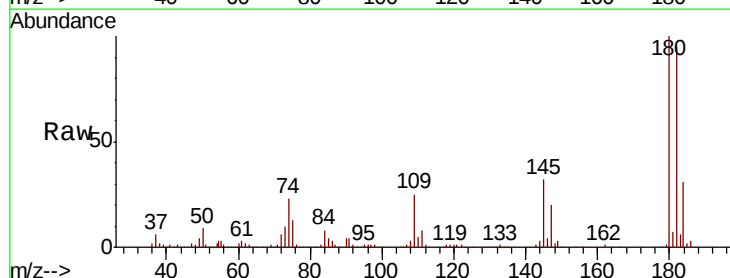


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

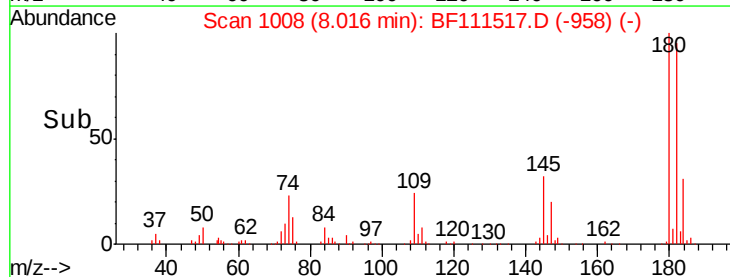
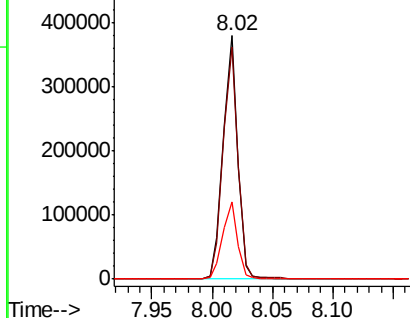


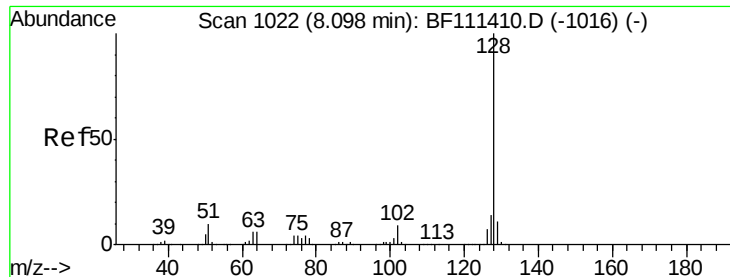
#30
1,2,4-Trichlorobenzene
Concen: 26.207 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF111517.D
Acq: 16 Dec 2018 19:20

Tgt Ion:	180	Resp:	318471
Ion Ratio	Lower	Upper	
180	100		
182	95.4	75.6	113.4
145	31.8	26.7	40.1



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





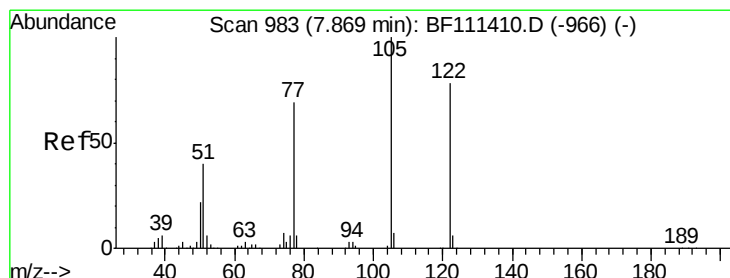
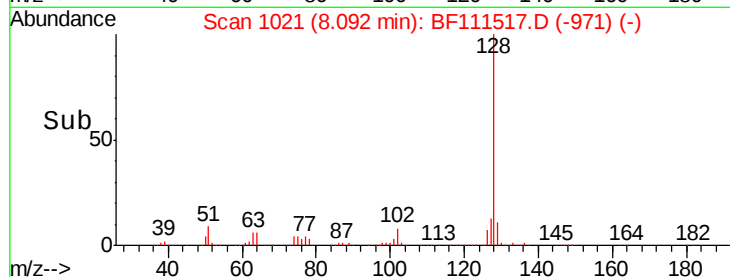
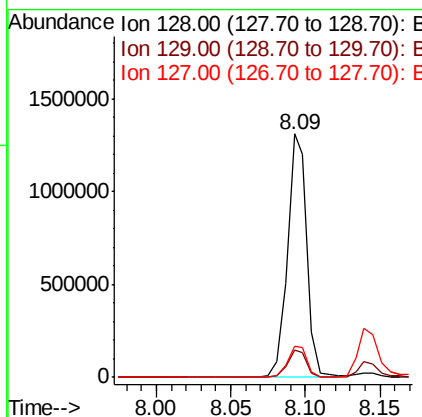
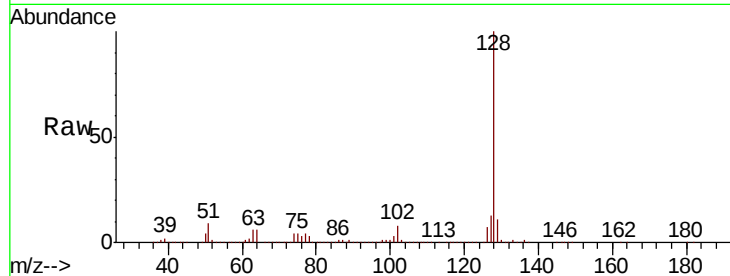
#31
Naphthalene
Concen: 30.384 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF111517.D
Acq: 16 Dec 2018 19:20

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.8	14.8
127	12.9	12.0	18.0

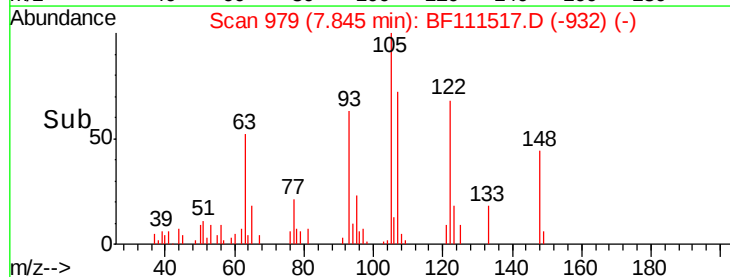
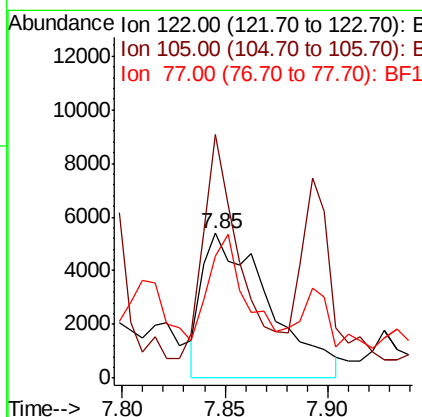
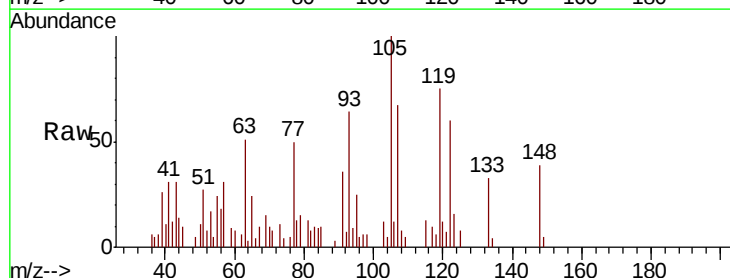
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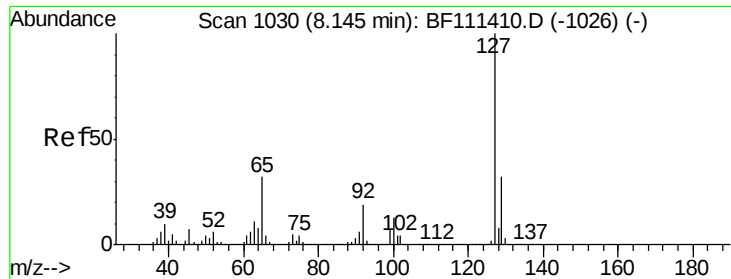
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12/17/2018 11:19:55 AM



#32
Benzoic acid
Concen: 1.294 ng m
RT: 7.85 min Scan# 979
Delta R.T. -0.02 min
Lab File: BF111517.D
Acq: 16 Dec 2018 19:20

Tgt Ion	Ratio	Lower	Upper
122	100		
105	168.0	97.0	137.0#
77	83.8	65.7	105.7





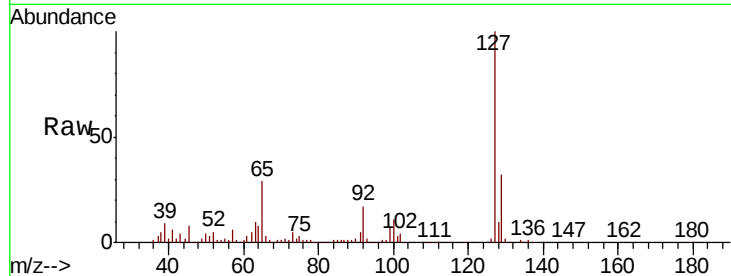
#33
4-Chloroaniline
Concen: 15.823 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF111517.D
Acq: 16 Dec 2018 19:20

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		277853		
129	32.2	26.6	39.8		
65	28.7	25.7	38.5		
92	17.0	15.4	23.2		

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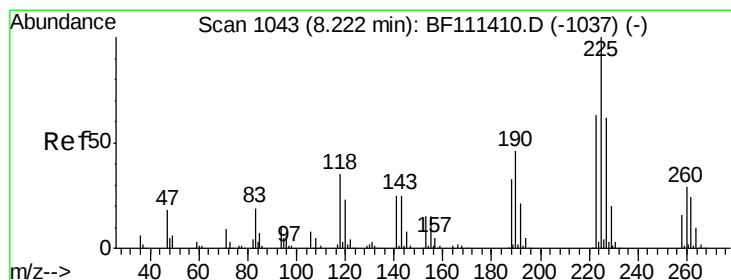
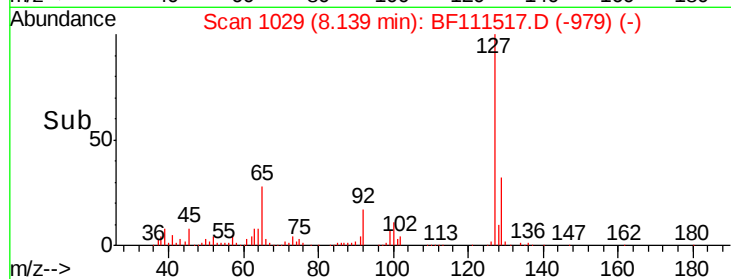
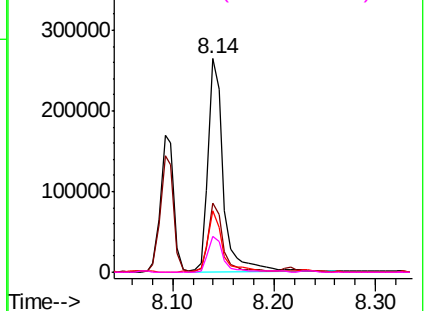
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

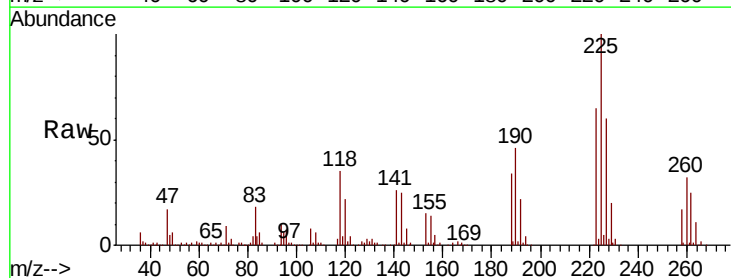
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 25.525 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF111517.D
Acq: 16 Dec 2018 19:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		170889		
223	65.0	50.7	76.1		
227	60.3	52.6	78.8		

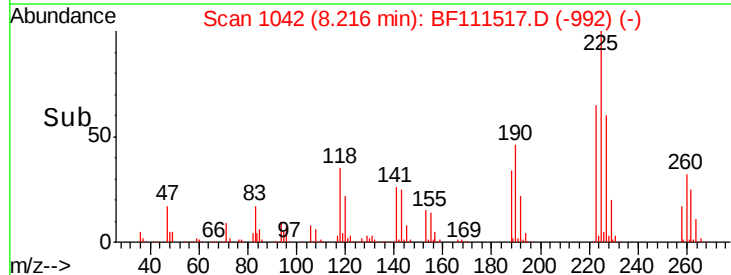
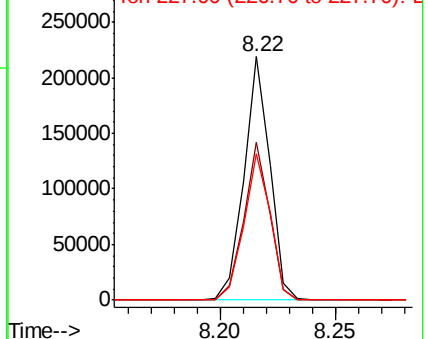


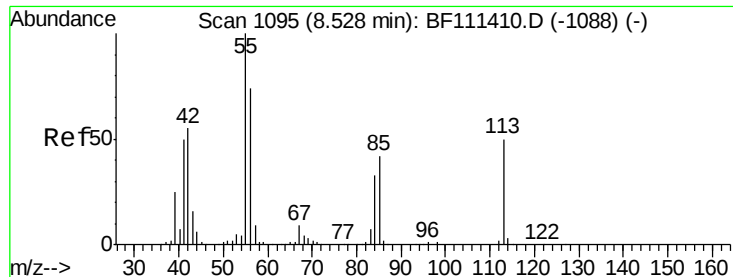
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





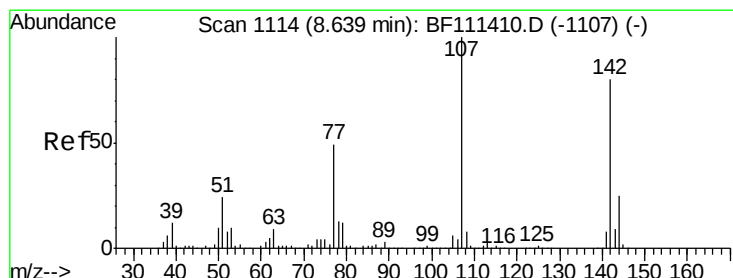
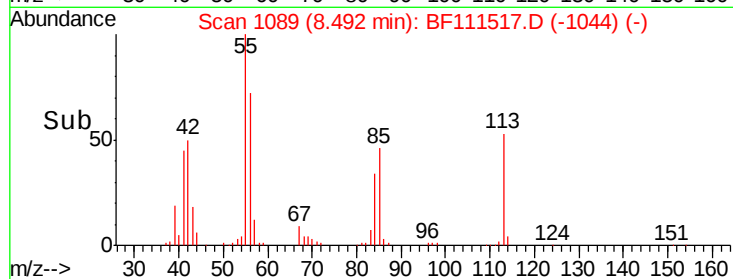
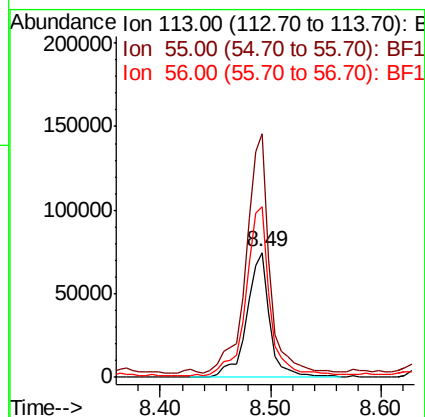
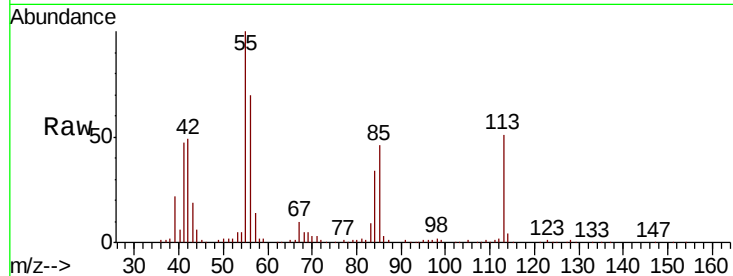
#35
Caprolactam
Concen: 25.487 ng
RT: 8.49 min Scan# 1089
Delta R.T. -0.04 min
Lab File: BF111517.D
Acq: 16 Dec 2018 19:20

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	195.4	184.1	224.1
56	137.1	126.0	166.0

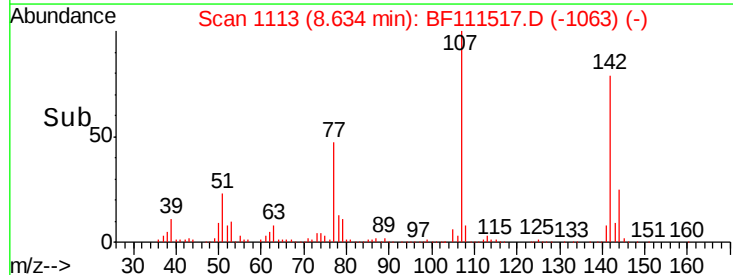
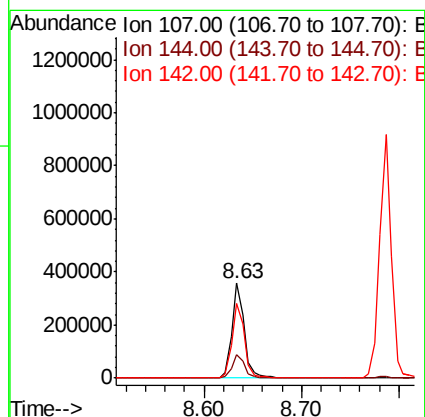
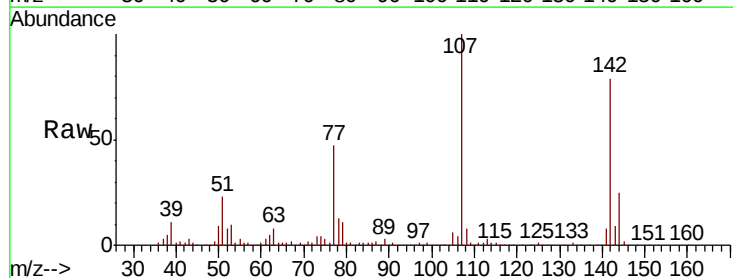
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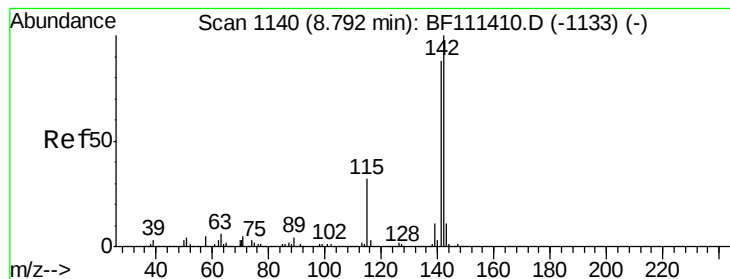
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#36
4-Chloro-3-methylphenol
Concen: 24.998 ng
RT: 8.63 min Scan# 1113
Delta R.T. -0.01 min
Lab File: BF111517.D
Acq: 16 Dec 2018 19:20

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.4	19.8	29.6
142	78.8	62.3	93.5





#37

2-Methylnaphthalene

Concen: 28.708 ng

RT: 8.79 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BF111517.D

Acq: 16 Dec 2018 19:20

Instrument :

BNA_F

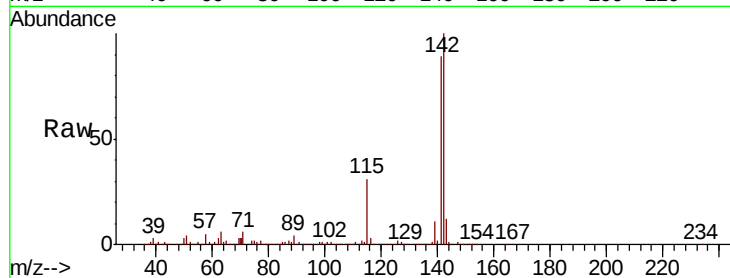
ClientSampleId :

P001-SS001-0002-01MSD

Tot Ion:	142	Resp:	767150
Ion Ratio	Lower	Upper	
142	100		
141	88.9	70.6	105.8
115	31.3	27.0	40.6

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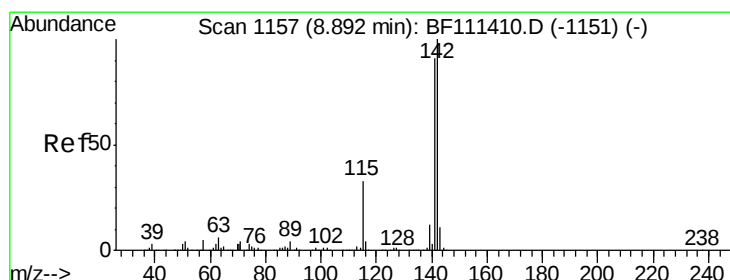
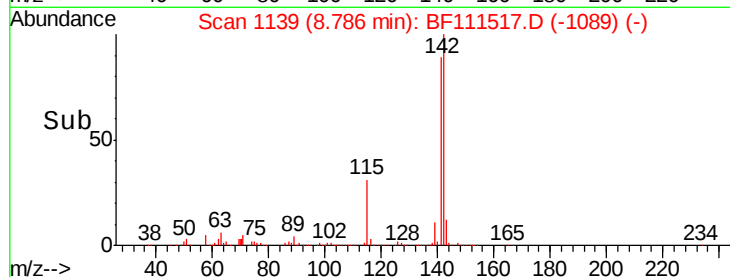
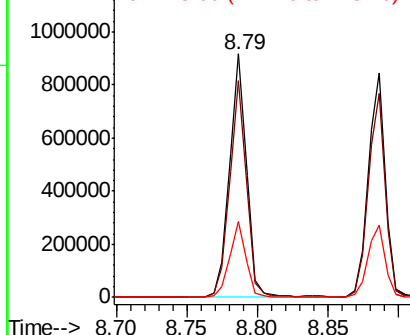


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 27.455 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF111517.D

Acq: 16 Dec 2018 19:20

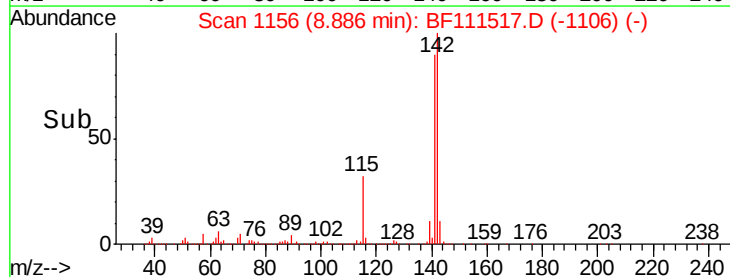
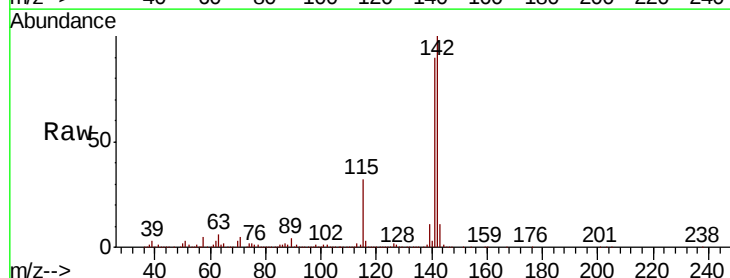
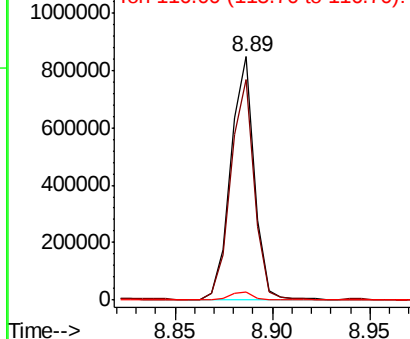
Tgt Ion:	142	Resp:	708774
Ion Ratio	Lower	Upper	
142	100		
141	90.5	74.2	111.4
116	3.1	2.9	4.3

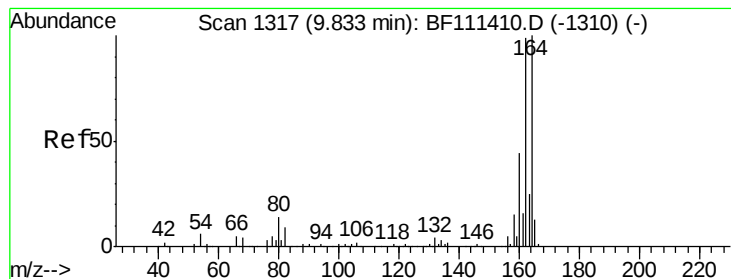
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF111517.D

Acq: 16 Dec 2018 19:20

Instrument :

BNA_F

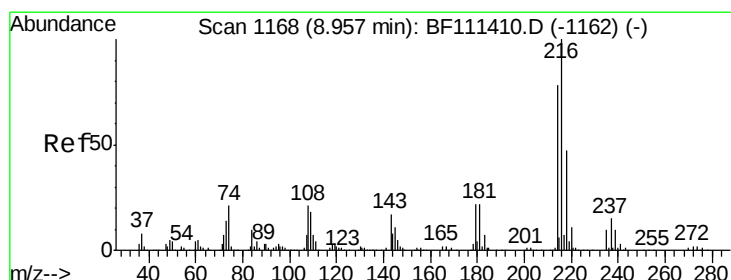
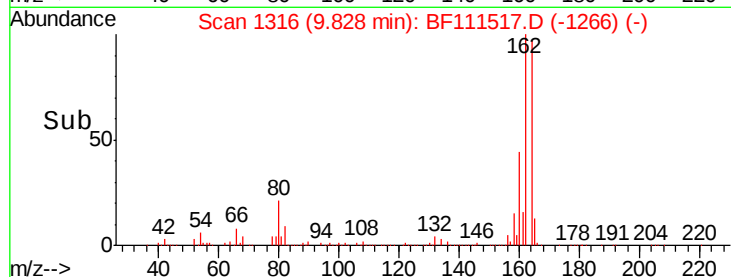
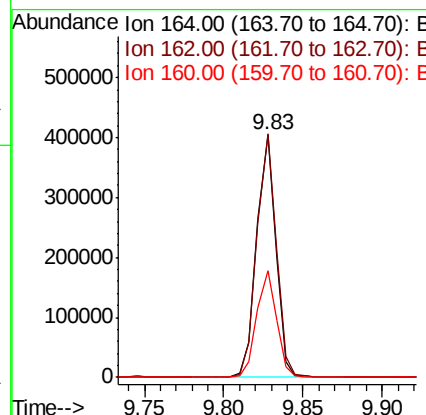
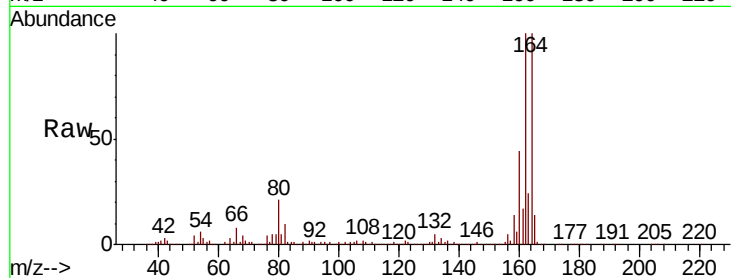
ClientSampleId :

P001-SS001-0002-01MSD

Tot Ion:	164	Resp:	341941
Ion Ratio	Lower	Upper	
164	100		
162	100.5	81.4	122.0
160	44.2	35.7	53.5

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 30.136 ng

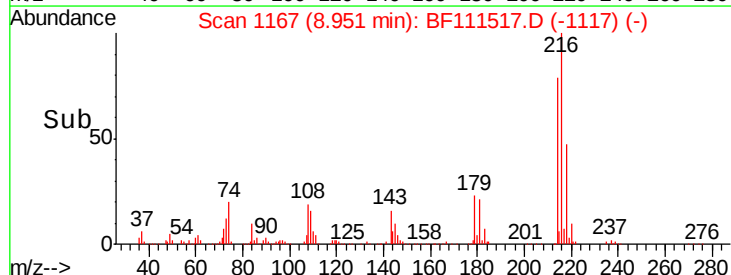
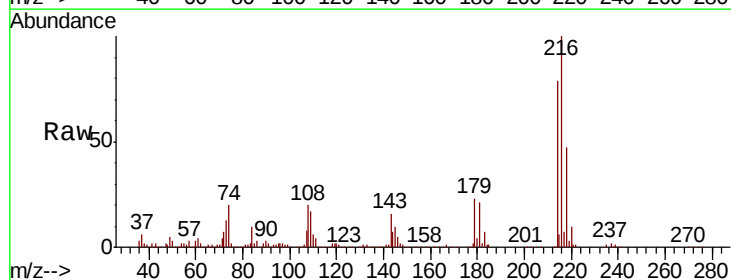
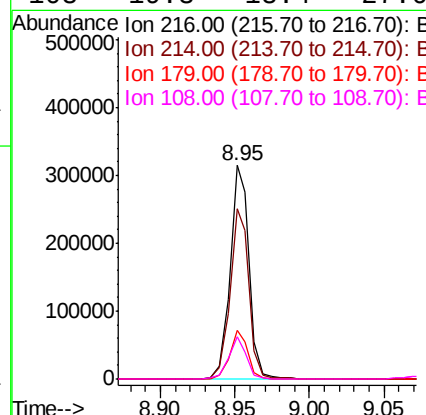
RT: 8.95 min Scan# 1167

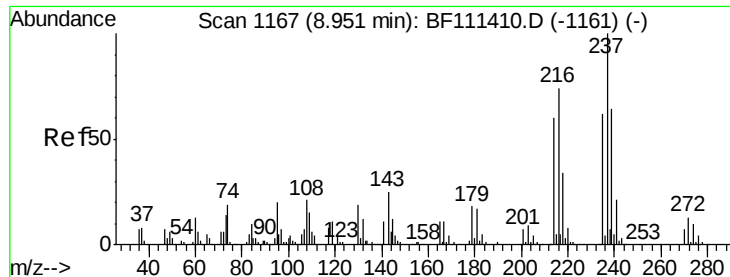
Delta R.T. -0.01 min

Lab File: BF111517.D

Acq: 16 Dec 2018 19:20

Tgt Ion:	216	Resp:	282595
Ion Ratio	Lower	Upper	
216	100		
214	79.7	63.8	95.8
179	21.9	17.9	26.9
108	19.3	18.4	27.6





#41

Hexachlorocyclopentadiene

Concen: 4.536 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF111517.D

Acq: 16 Dec 2018 19:20

Instrument :

BNA_F

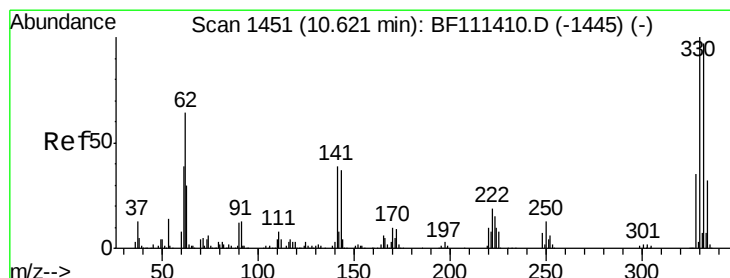
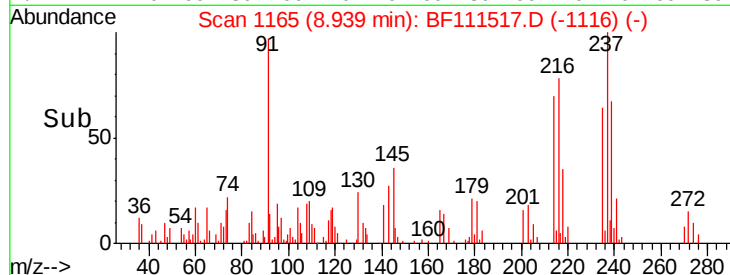
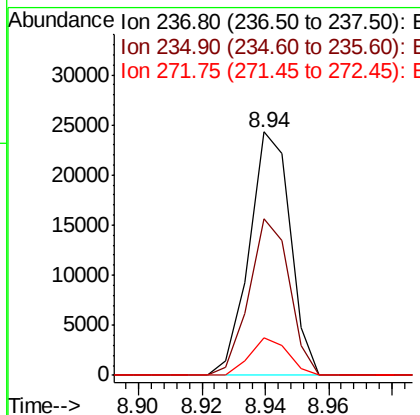
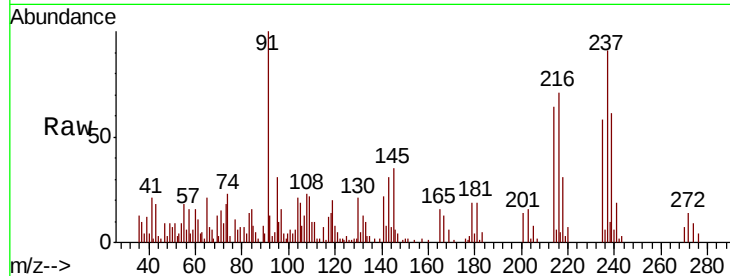
ClientSampleId :

P001-SS001-0002-01MSD

Tot Ion:	237	Resp:	21841
Ion Ratio	Lower	Upper	
237	100		
235	64.2	43.1	83.1
272	15.2	0.0	33.0

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#42

2,4,6-Tribromophenol

Concen: 51.379 ng

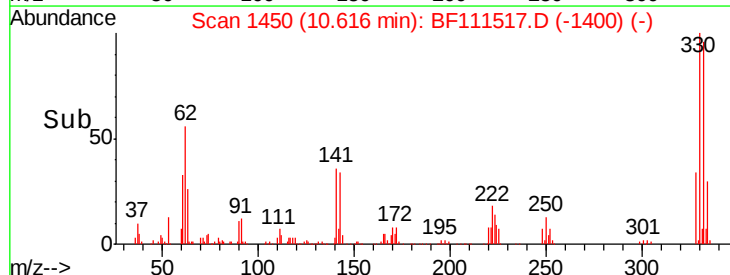
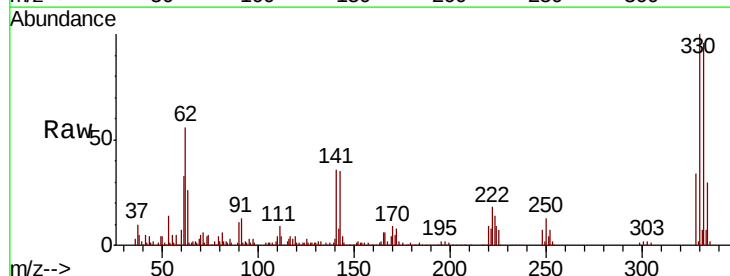
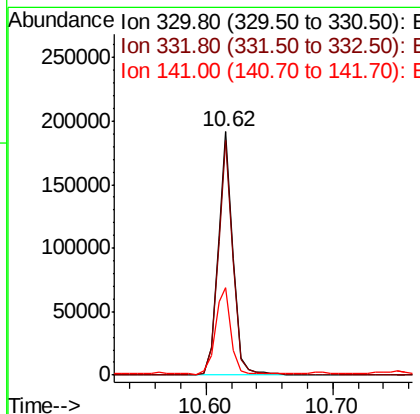
RT: 10.62 min Scan# 1450

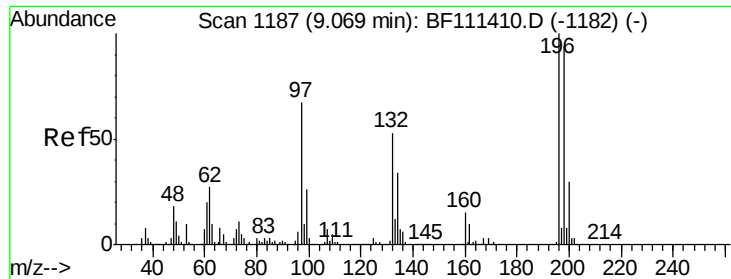
Delta R.T. -0.01 min

Lab File: BF111517.D

Acq: 16 Dec 2018 19:20

Tgt Ion:	330	Resp:	157377
Ion Ratio	Lower	Upper	
330	100		
332	96.5	76.0	114.0
141	37.6	31.0	46.6





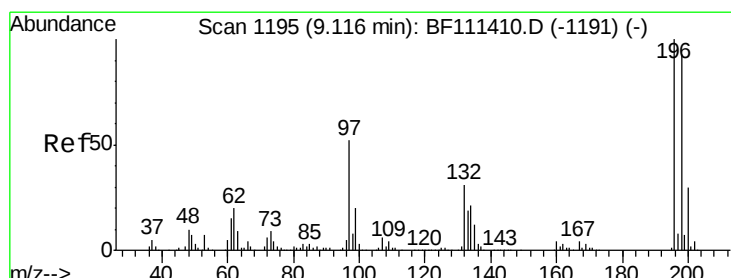
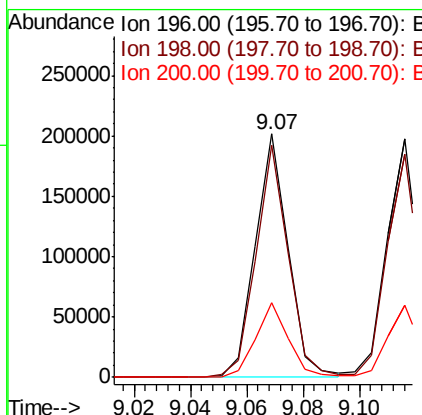
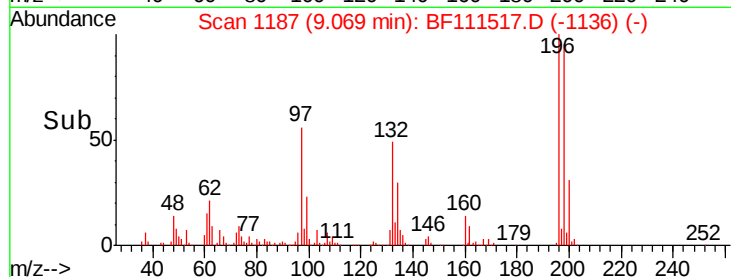
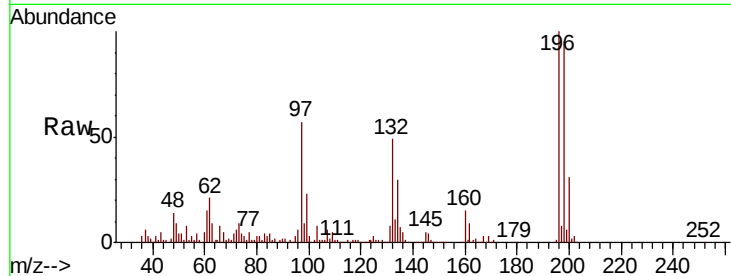
#43
 2,4,6-Trichlorophenol
 Concen: 24.516 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: BF111517.D
 Acq: 16 Dec 2018 19:20

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS001-0002-01MSD

Tot Ion:	196	Resp:	162713
Ion Ratio	Lower	Upper	
196	100		
198	95.2	76.3	114.5
200	30.6	24.9	37.3

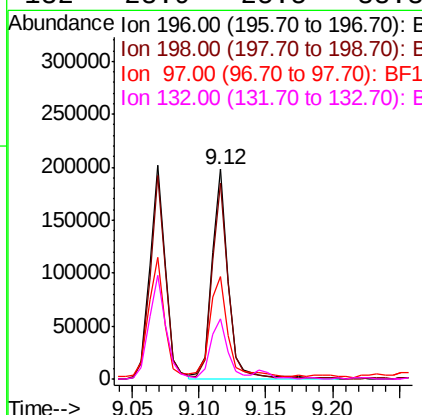
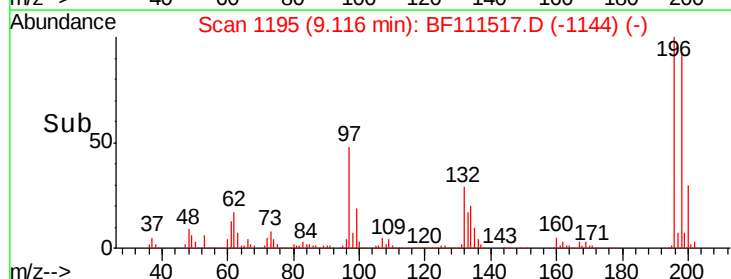
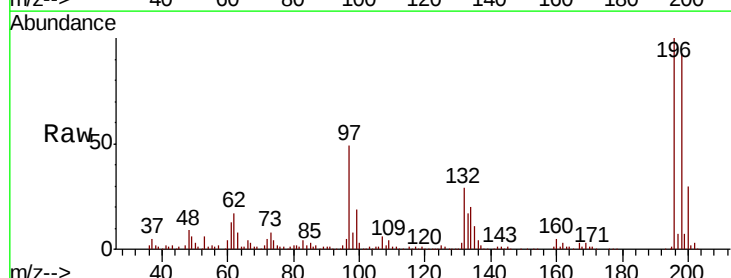
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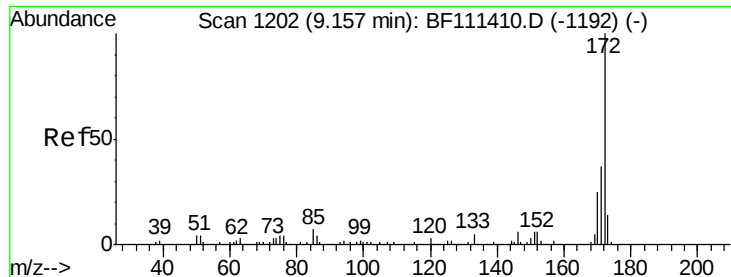
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#44
 2,4,5-Trichlorophenol
 Concen: 23.935 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF111517.D
 Acq: 16 Dec 2018 19:20

Tgt Ion:	196	Resp:	169045
Ion Ratio	Lower	Upper	
196	100		
198	93.2	72.9	109.3
97	48.6	45.3	67.9
132	28.9	25.5	38.3





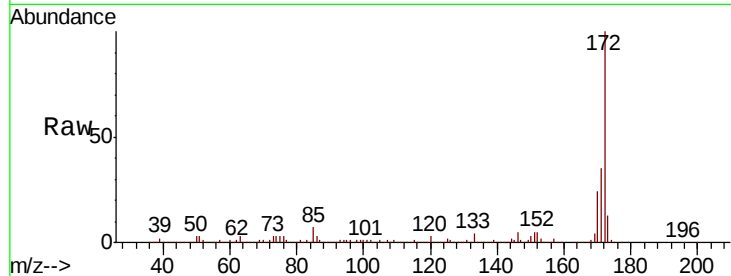
#45
2-Fluorobiphenyl
Concen: 61.455 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111517.D
Acq: 16 Dec 2018 19:20

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.6	33.0	49.4
170	23.6	22.3	33.5

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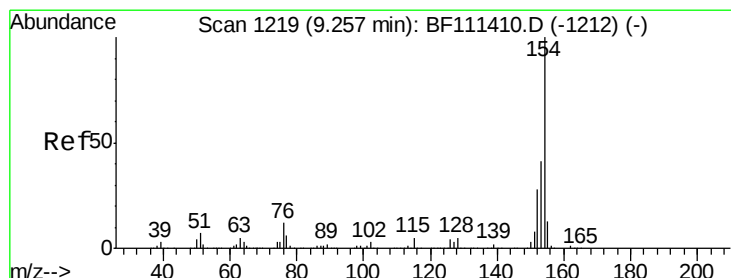
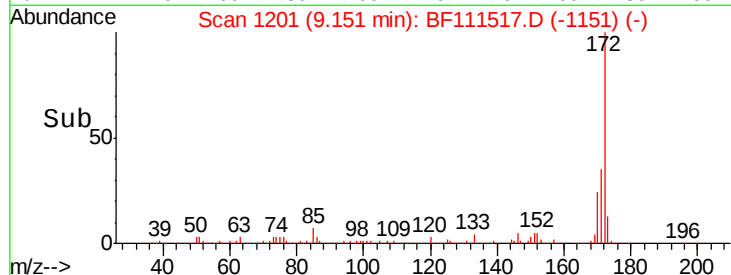
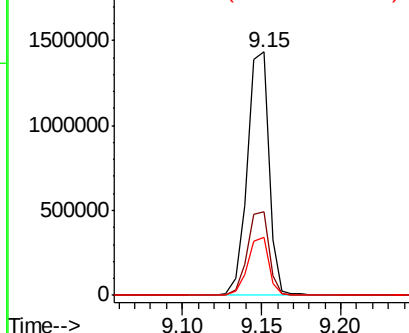


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 29.173 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111517.D
Acq: 16 Dec 2018 19:20

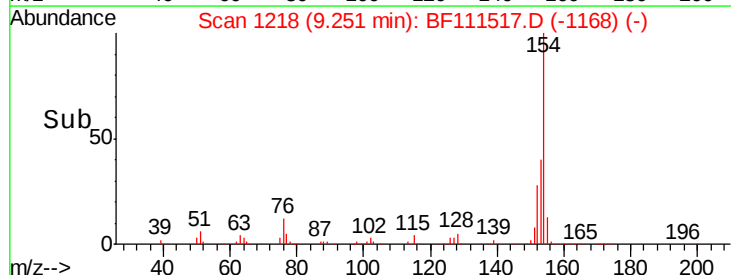
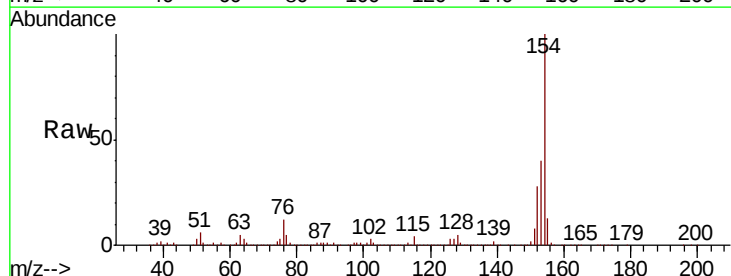
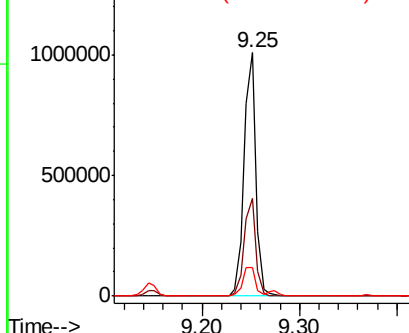
Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.9	23.7	63.7
76	11.9	0.0	35.0

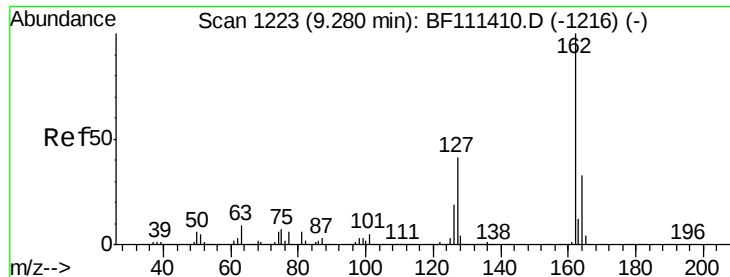
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





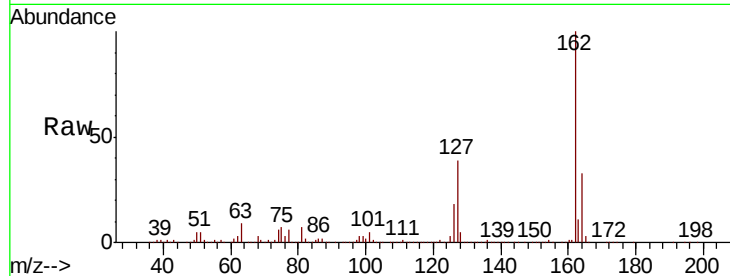
#47
 2-Chloronaphthalene
 Concen: 29.214 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF111517.D
 Acq: 16 Dec 2018 19:20

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS001-0002-01MSD

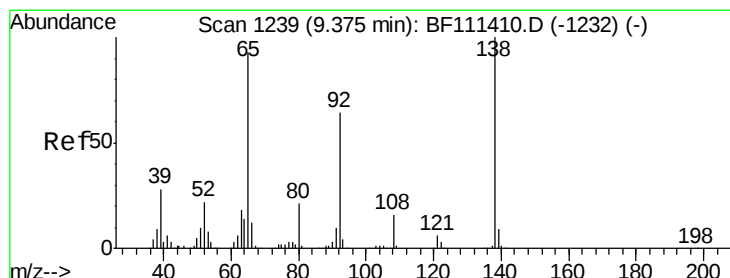
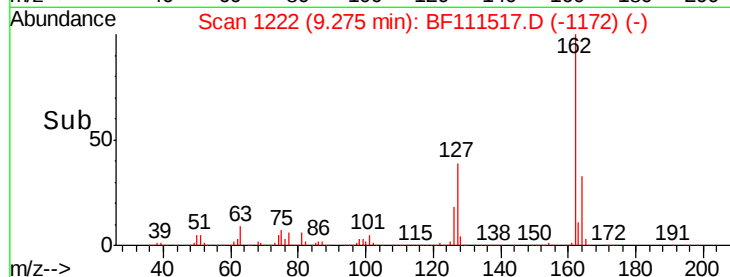
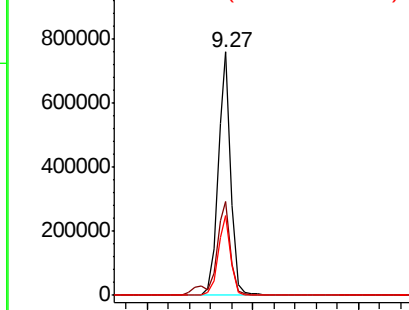
Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	38.7	35.0	52.4	
164	32.6	28.4	42.6	

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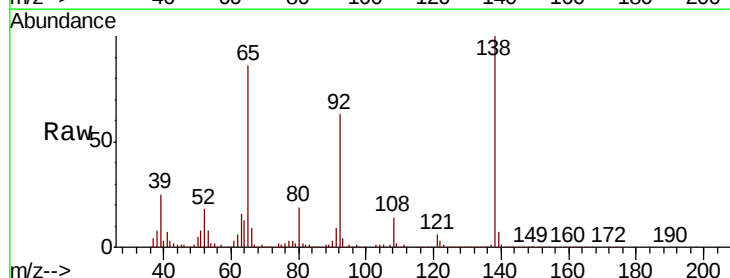


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

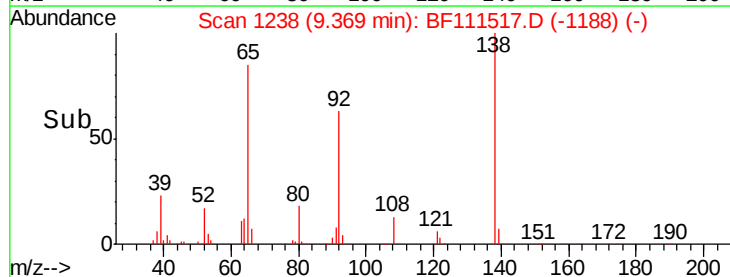
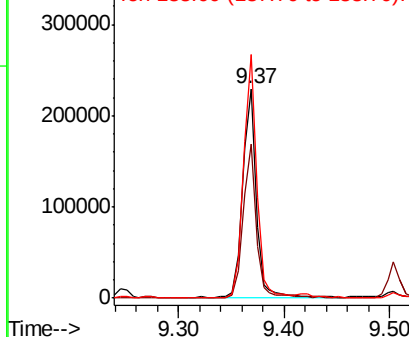


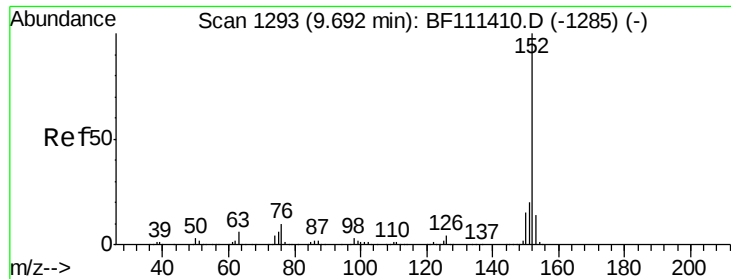
#48
 2-Nitroaniline
 Concen: 28.016 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BF111517.D
 Acq: 16 Dec 2018 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	73.6	53.5	80.3	
138	116.3	80.9	121.3	



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





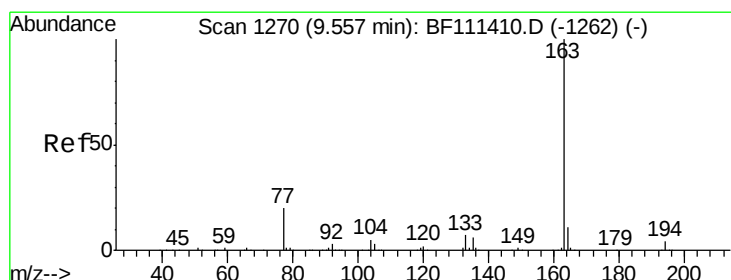
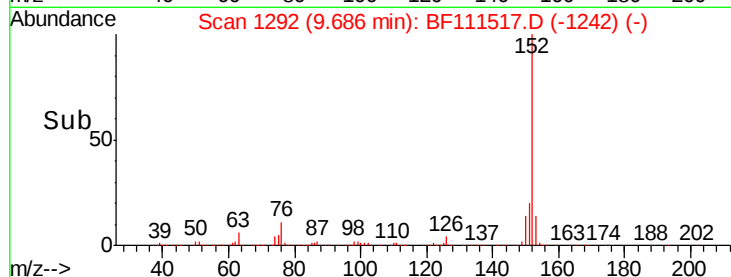
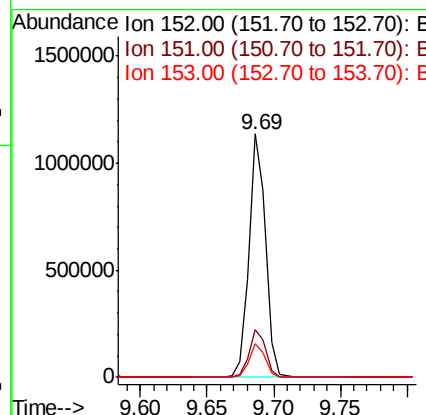
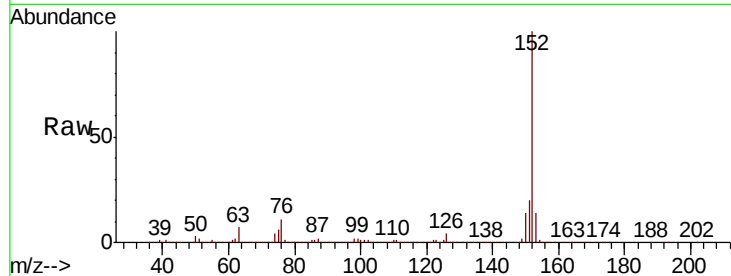
#49
Acenaphthylene
Concen: 29.678 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF111517.D
Acq: 16 Dec 2018 19:20

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
152	100	970160		
151	19.8		18.0	27.0
153	13.6		12.3	18.5

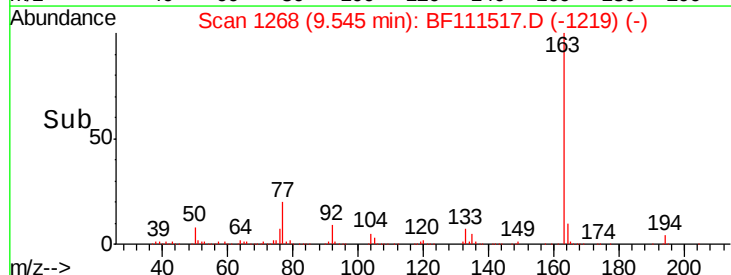
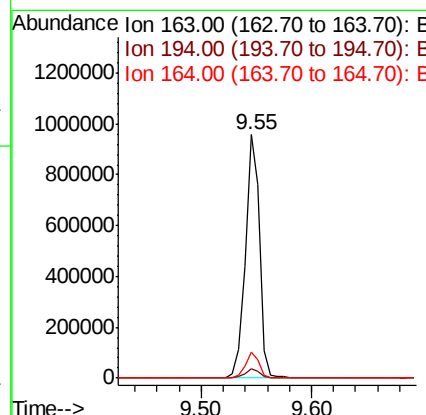
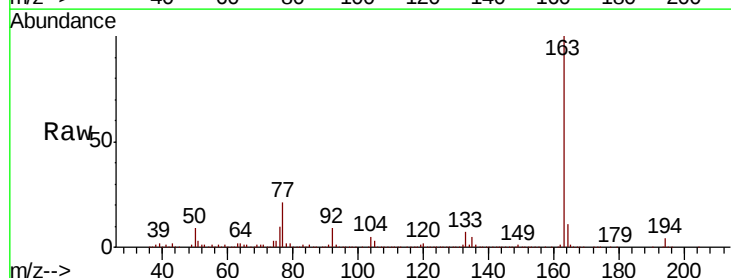
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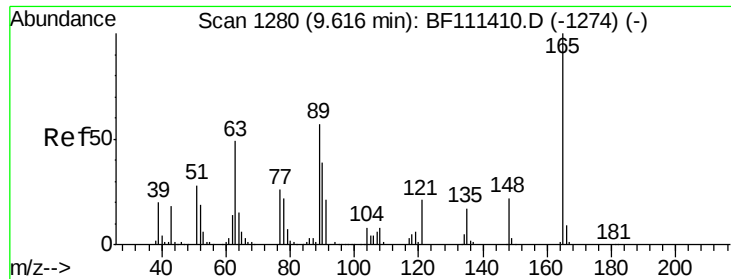
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#50
Dimethylphthalate
Concen: 34.863 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF111517.D
Acq: 16 Dec 2018 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	858541		
194	3.9		3.0	4.6
164	10.5		8.9	13.3





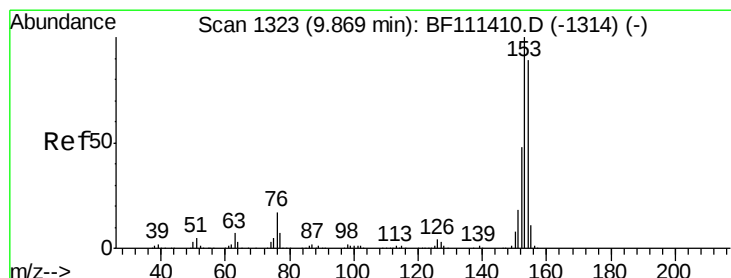
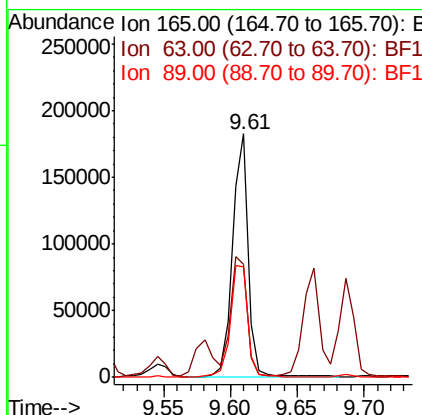
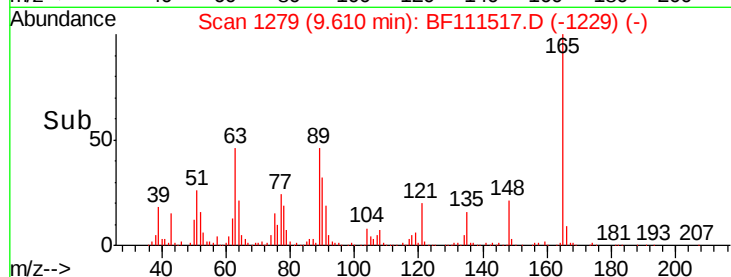
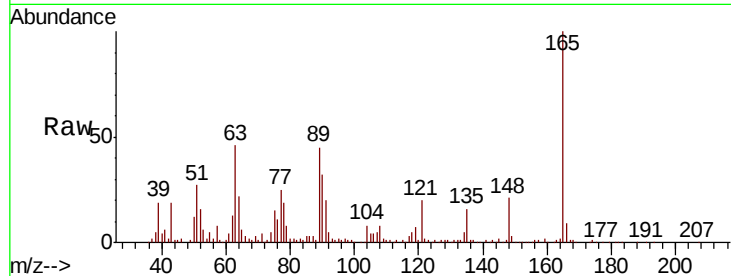
#51
2,6-Dinitrotoluene
Concen: 26.999 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF111517.D
Acq: 16 Dec 2018 19:20

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	149659		
63	46.2		40.5	60.7
89	45.4		40.0	60.0

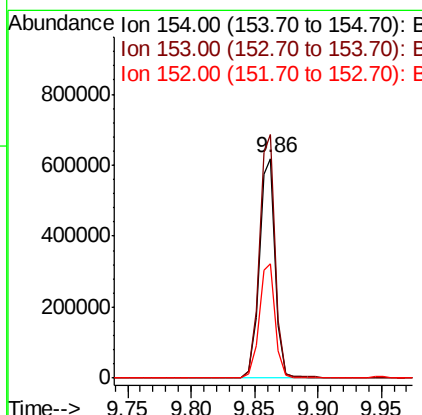
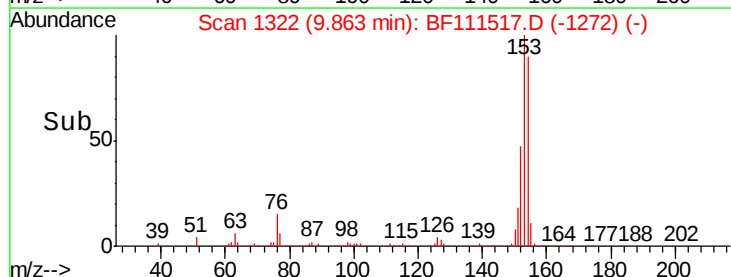
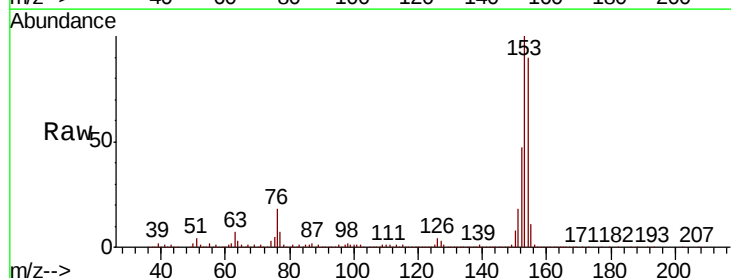
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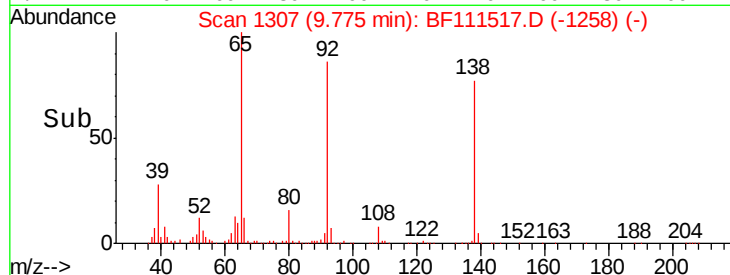
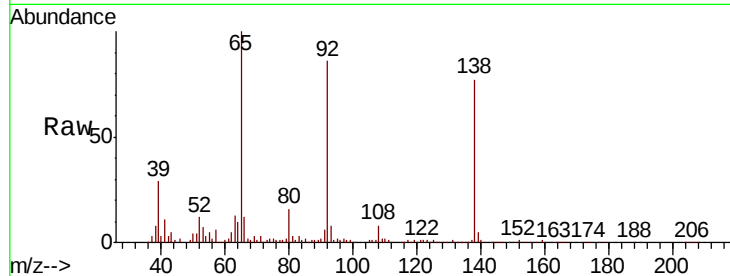
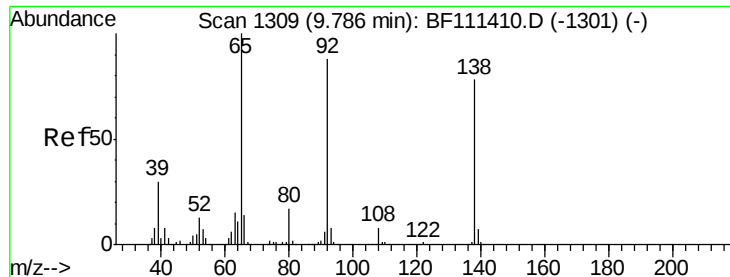
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#52
Acenaphthene
Concen: 26.643 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF111517.D
Acq: 16 Dec 2018 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	550489		
153	111.0		87.8	131.8
152	52.1		43.4	65.2





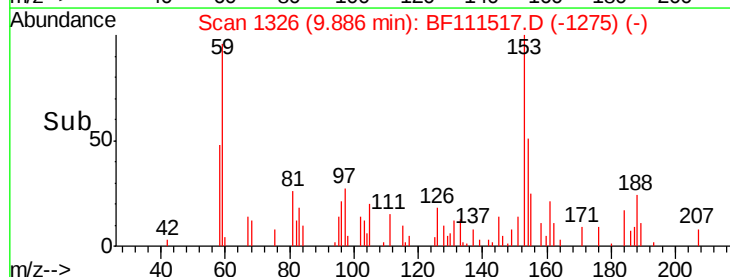
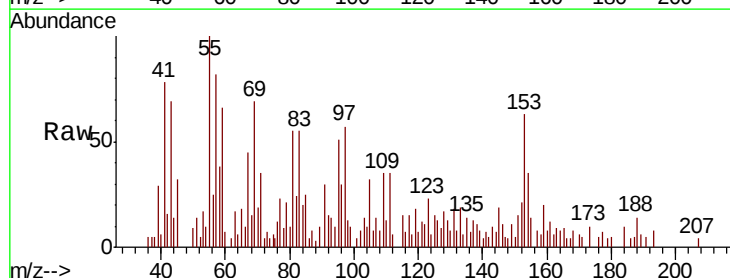
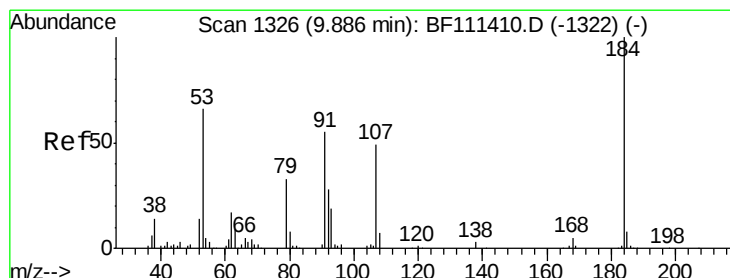
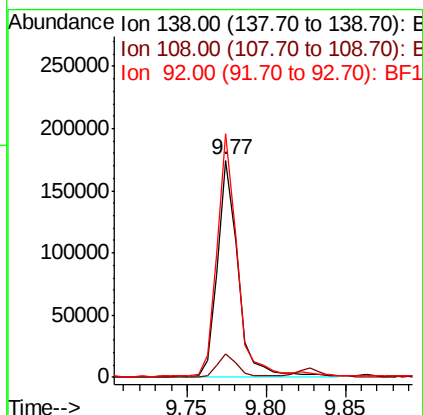
#53
3-Nitroaniline
Concen: 23.338 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF111517.D
Acq: 16 Dec 2018 19:20

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	8.2	12.4
92	112.0	93.4	140.2

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01MSD

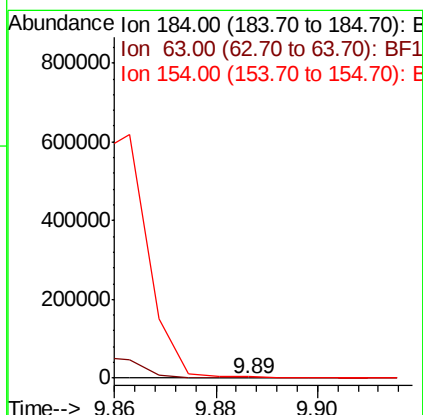
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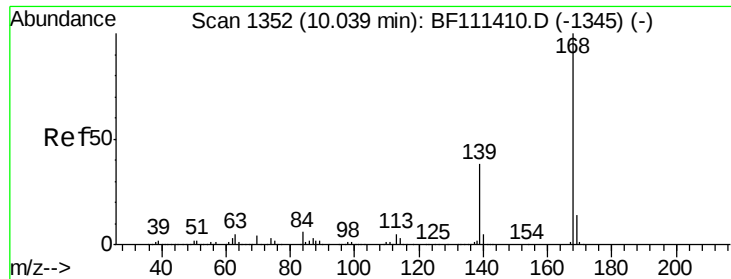
Sohil
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#54
2,4-Dinitrophenol
Concen: 0.208 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF111517.D
Acq: 16 Dec 2018 19:20

Tgt Ion	Ratio	Lower	Upper
184	100		
63	180.3	62.3	93.5#
154	367.8	56.2	84.2#





#55

Dibenzofuran

Concen: 27.057 ng

RT: 10.03 min Scan# 1351

Delta R.T. -0.01 min

Lab File: BF111517.D

Acq: 16 Dec 2018 19:20

Instrument :

BNA_F

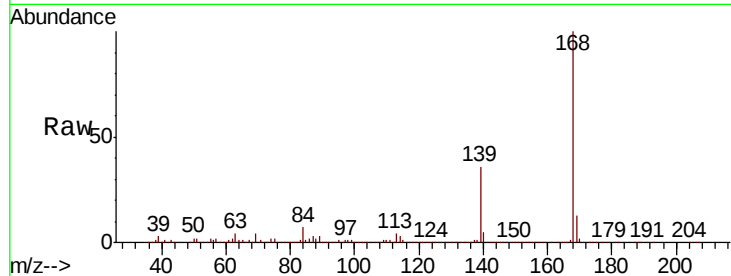
ClientSampleId :

P001-SS001-0002-01MSD

Tot Ion:	168	Resp:	811478
Ion Ratio	Lower	Upper	
168	100		
139	36.0	32.6	49.0
169	13.2	11.8	17.6

Manual Integrations
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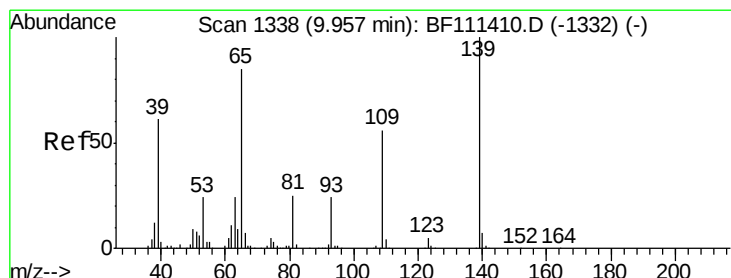
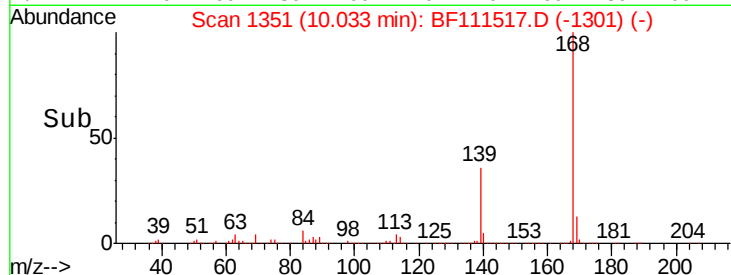
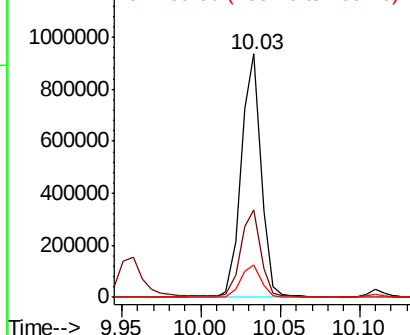


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 36.781 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BF111517.D

Acq: 16 Dec 2018 19:20

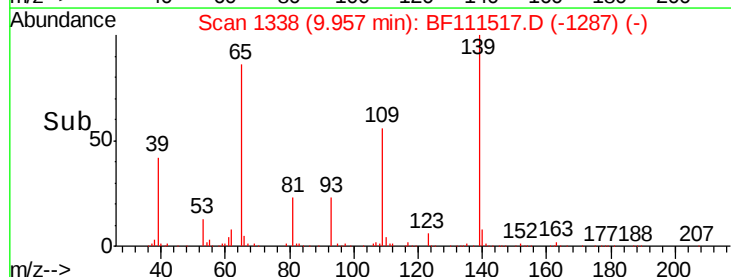
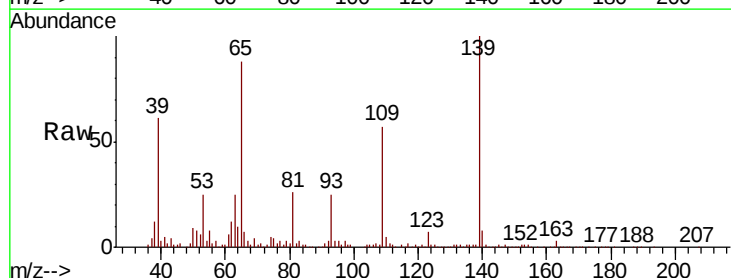
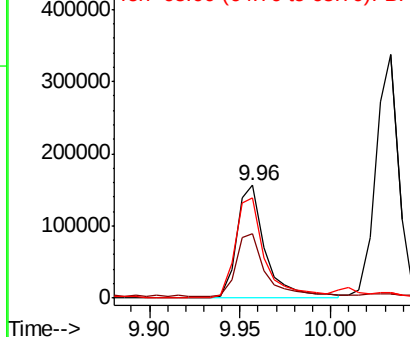
Tgt Ion:	139	Resp:	171379
Ion Ratio	Lower	Upper	
139	100		
109	57.4	41.8	81.8
65	88.4	79.6	119.6

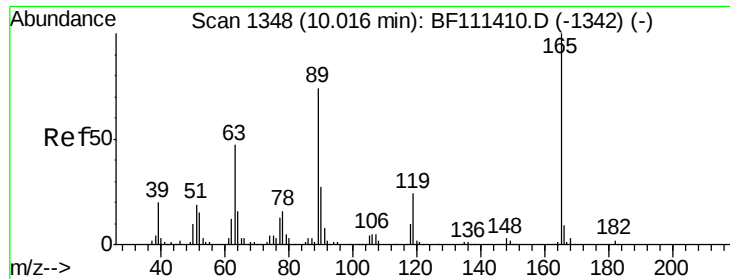
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





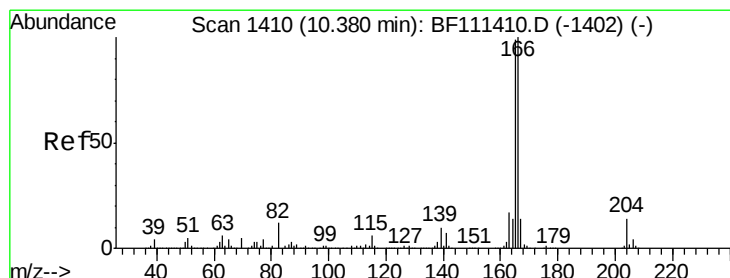
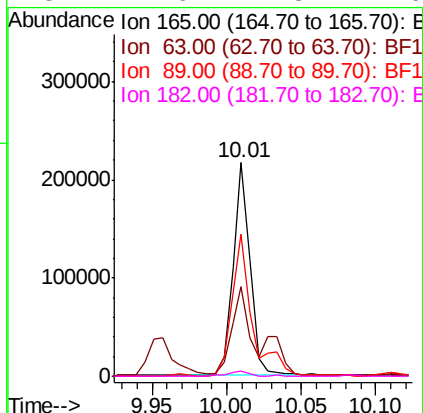
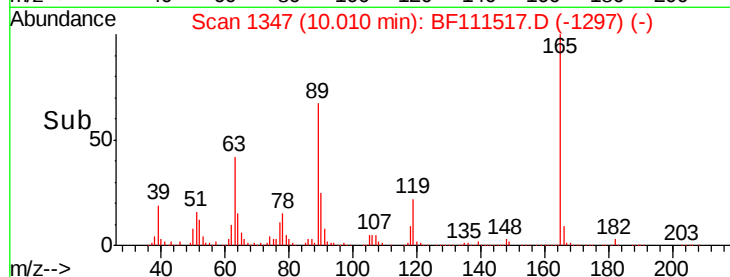
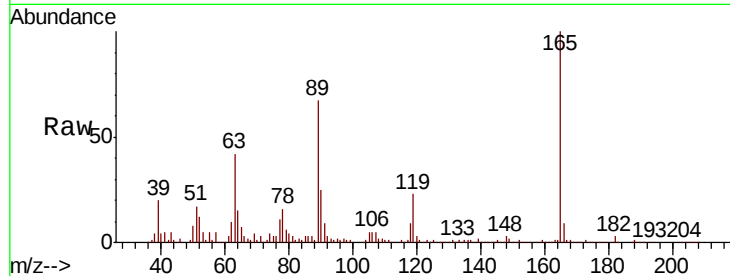
#57
2,4-Dinitrotoluene
Concen: 24.068 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF111517.D
Acq: 16 Dec 2018 19:20

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	175103		
63	41.8	34.6	52.0	
89	66.6	56.2	84.4	
182	2.6	1.8	2.6	

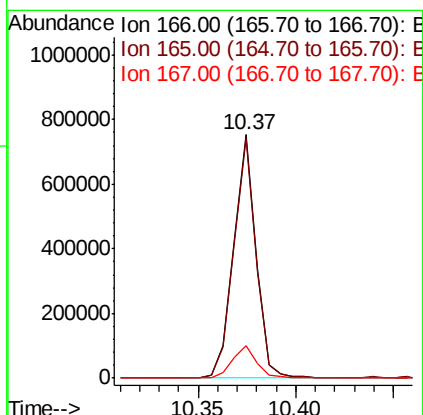
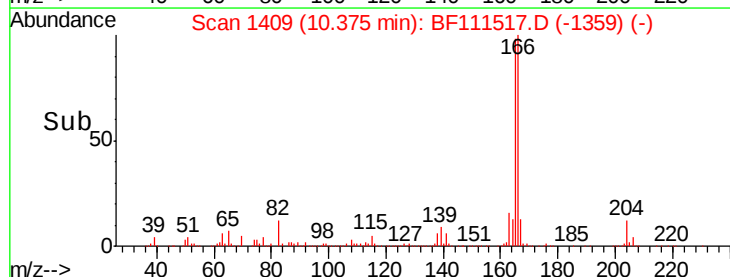
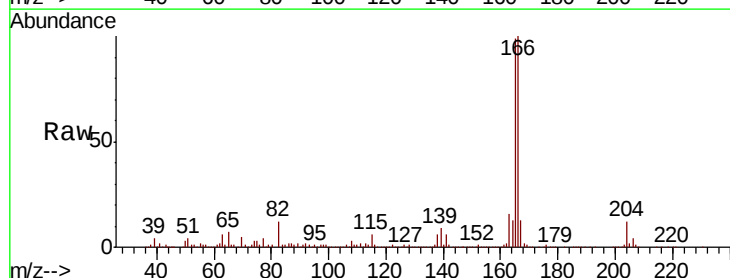
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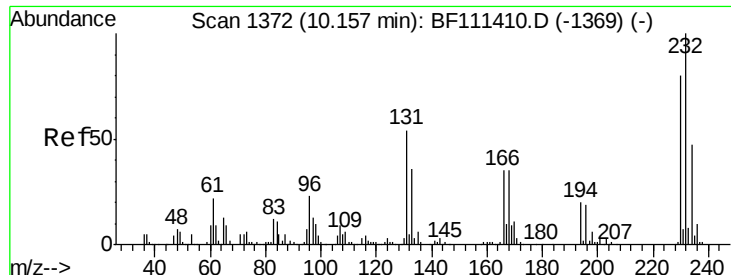
Sohil
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#58
Fluorene
Concen: 27.417 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF111517.D
Acq: 16 Dec 2018 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	596409		
165	98.6	78.4	117.6	
167	13.5	11.2	16.8	





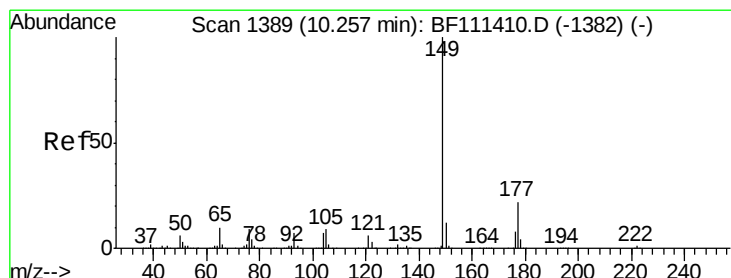
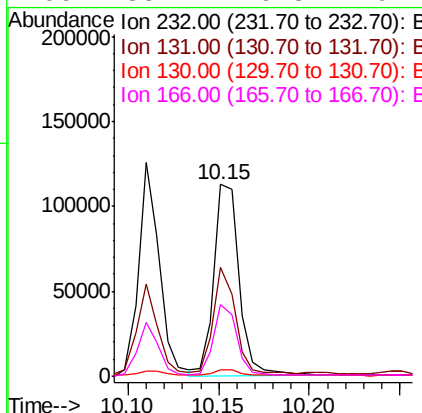
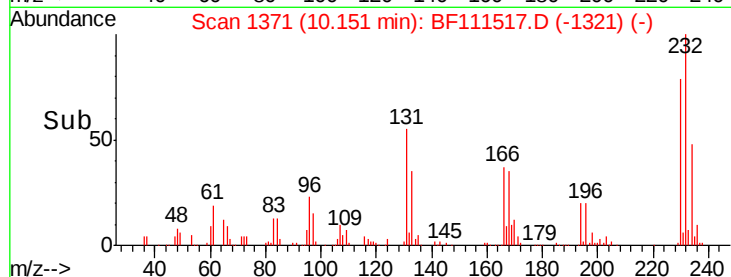
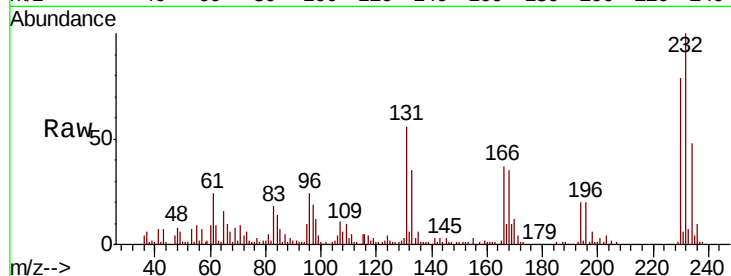
#59
2,3,4,6-Tetrachlorophenol
Concen: 19.837 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF111517.D
Acq: 16 Dec 2018 19:20

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	109464		
131	49.1	40.9	61.3	
130	3.2	2.0	3.0	
166	35.1	26.8	40.2	

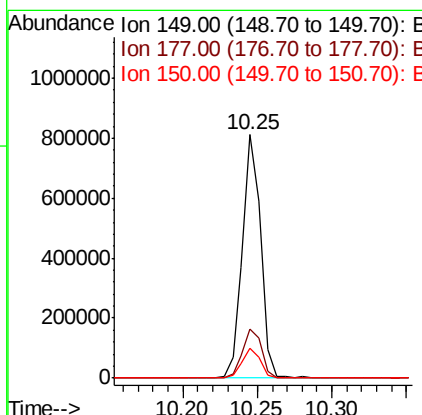
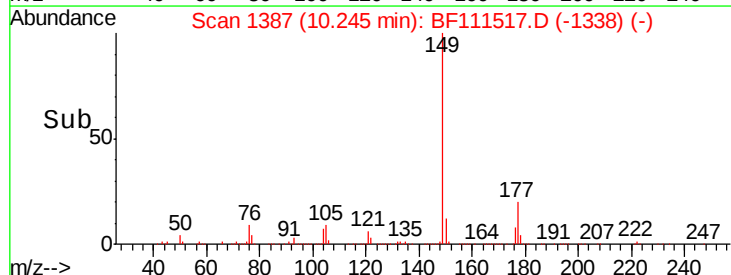
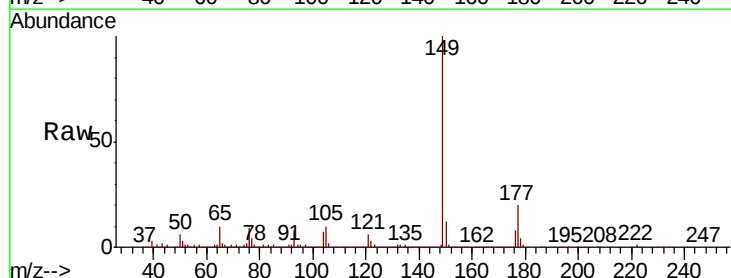
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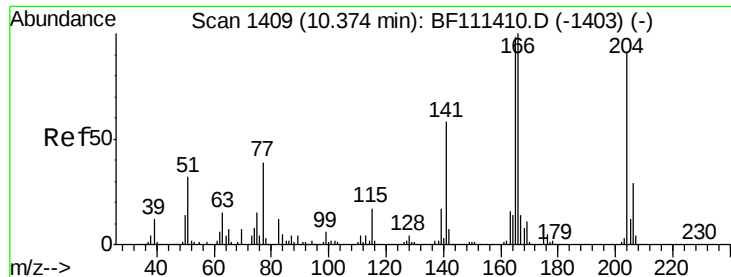
Sohil
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#60
Diethylphthalate
Concen: 27.764 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF111517.D
Acq: 16 Dec 2018 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	692558		
177	20.2	18.3	27.5	
150	12.4	10.6	15.8	





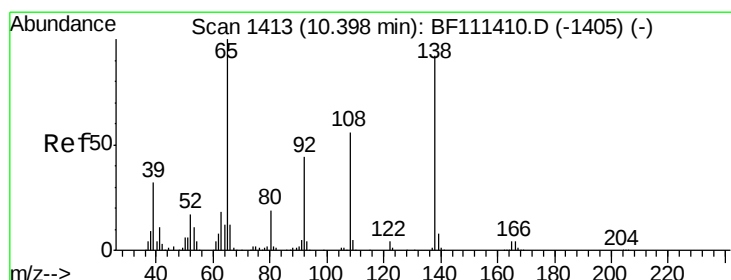
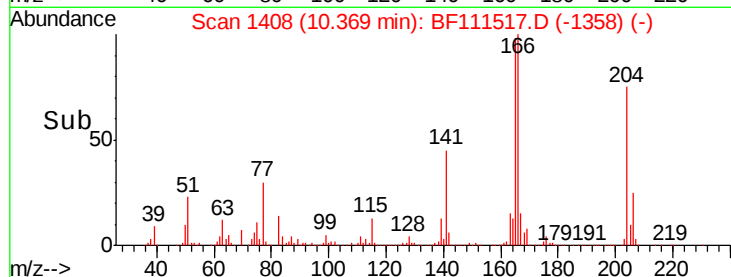
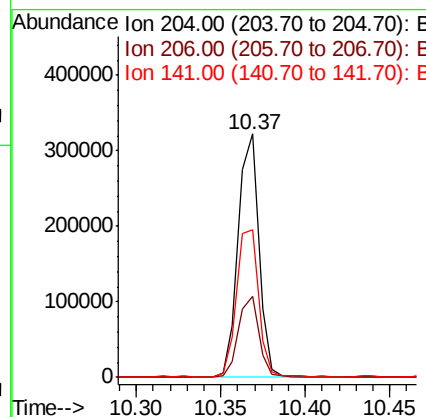
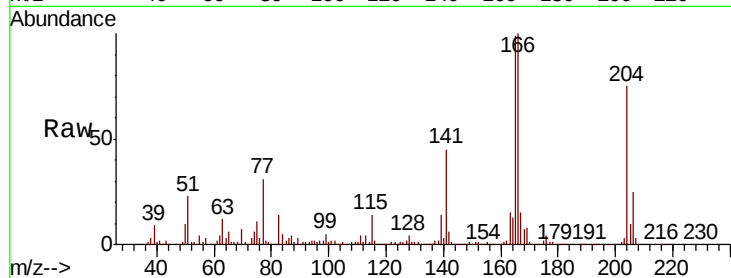
#61
4-Chlorophenyl-phenylether
Concen: 25.950 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF111517.D
Acq: 16 Dec 2018 19:20

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.6	39.8
141	60.6	52.6	78.8

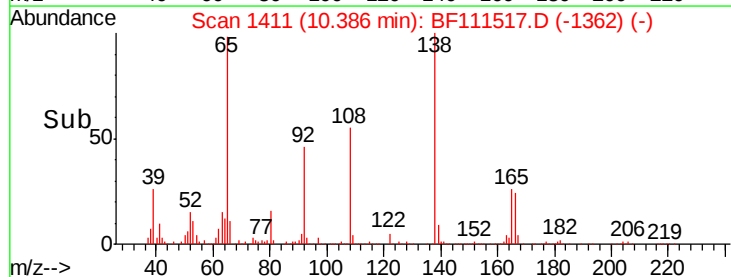
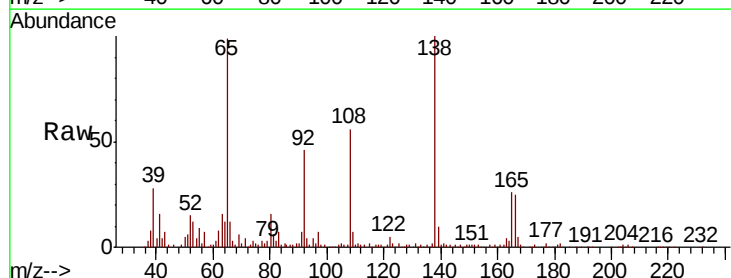
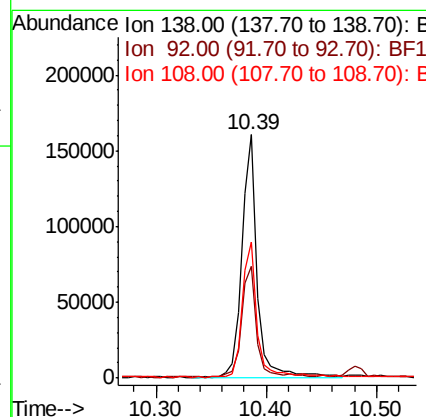
Manual Integrations
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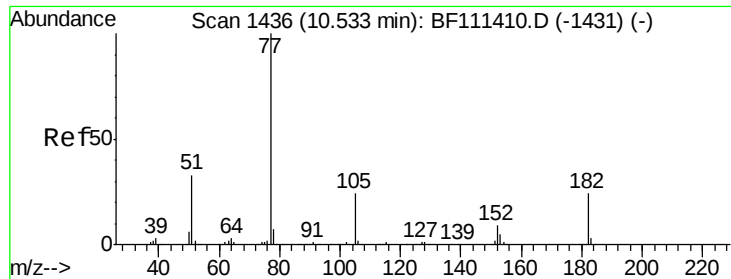
Sohil
12/17/2018 11:19:55 AM



#62
4-Nitroaniline
Concen: 23.304 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF111517.D
Acq: 16 Dec 2018 19:20

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.0	29.9	69.9
108	55.7	43.2	83.2





#63

Azobenzene

Concen: 24.716 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BF111517.D

Acq: 16 Dec 2018 19:20

Instrument :

BNA_F

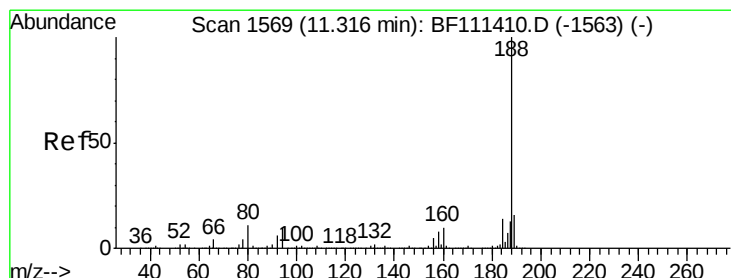
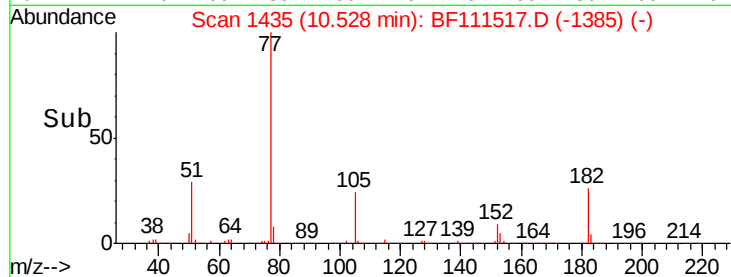
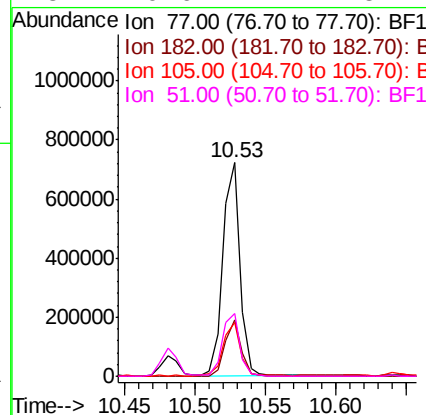
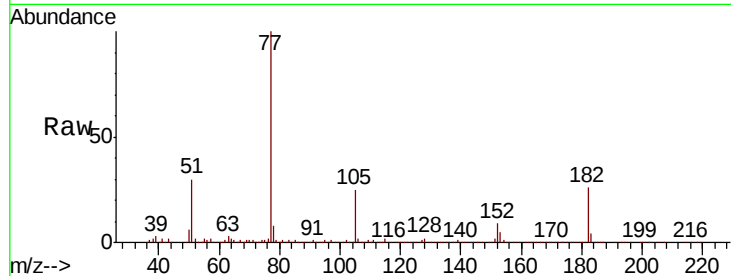
ClientSampleId :

P001-SS001-0002-01MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.2	4.9	44.9	
105	25.1	6.0	46.0	
51	29.6	14.7	54.7	

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#64

Phenanthrene-d10

Concen: 20.000 ng

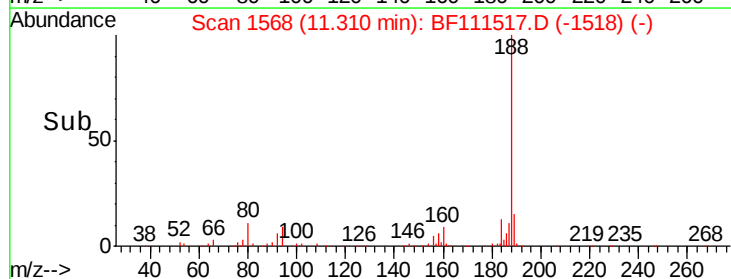
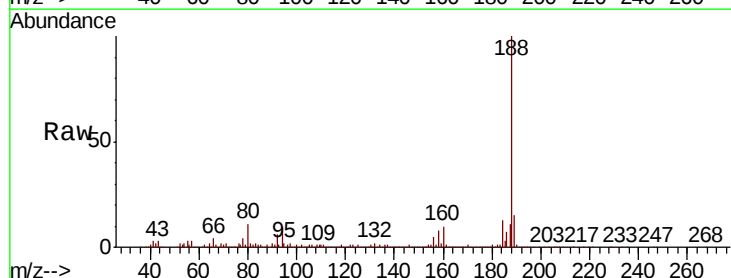
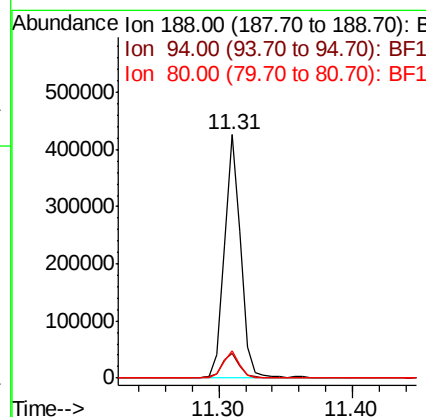
RT: 11.31 min Scan# 1568

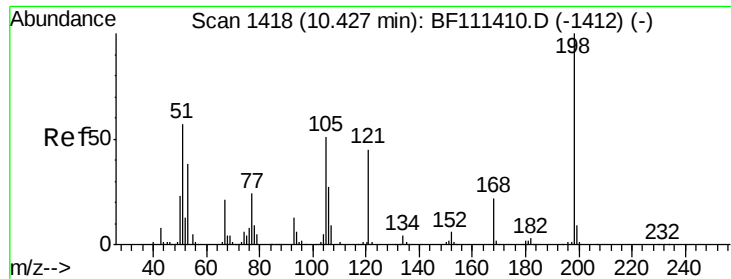
Delta R.T. -0.01 min

Lab File: BF111517.D

Acq: 16 Dec 2018 19:20

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.2	9.6	14.4	
80	11.3	9.8	14.6	





#65

4,6-Dinitro-2-methylphenol

Concen: 1.229 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF111517.D

Acq: 16 Dec 2018 19:20

Instrument :

BNA_F

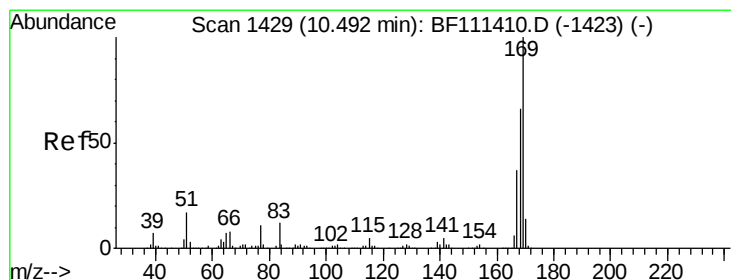
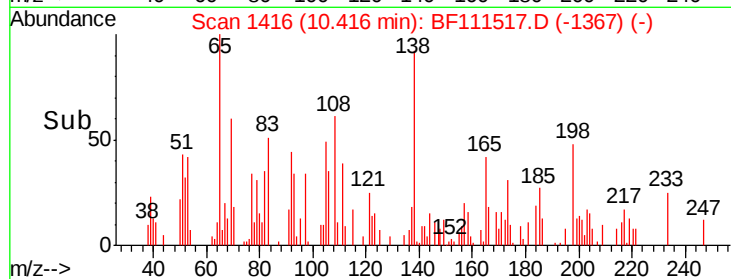
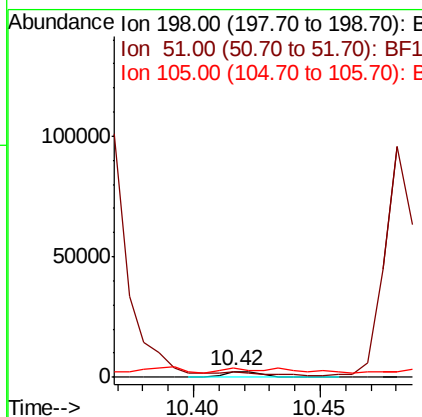
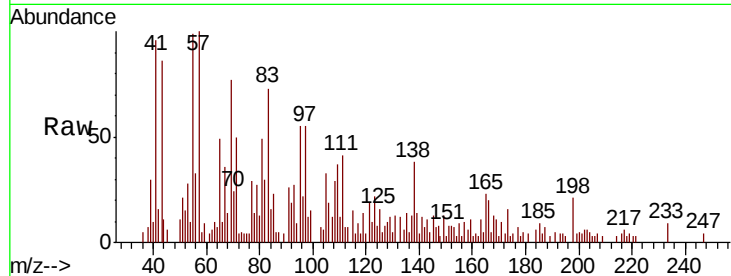
ClientSampleId :

P001-SS001-0002-01MSD

Tot Ion:	198	Resp:	2555
Ion Ratio	Lower	Upper	
198	100		
51	99.5	48.0	88.0#
105	153.5	34.0	74.0#

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#66

n-Nitrosodiphenylamine

Concen: 42.047 ng

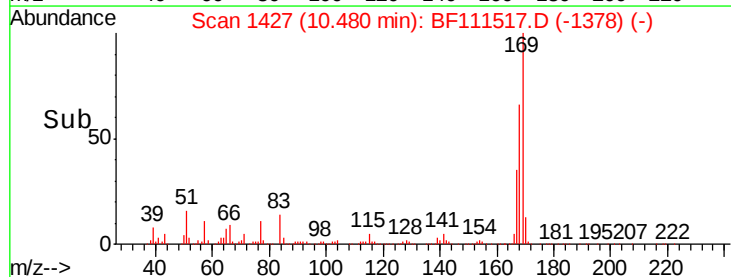
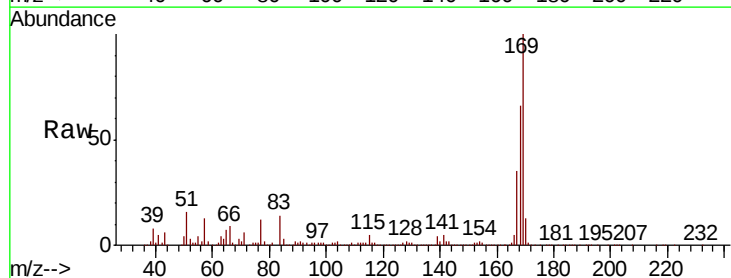
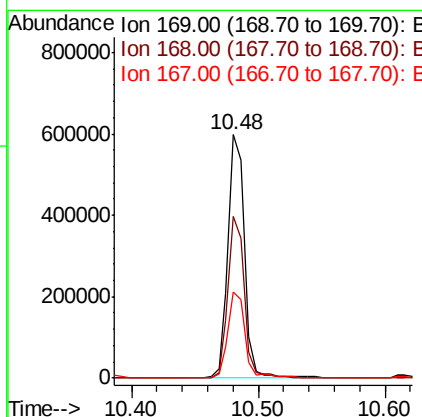
RT: 10.48 min Scan# 1427

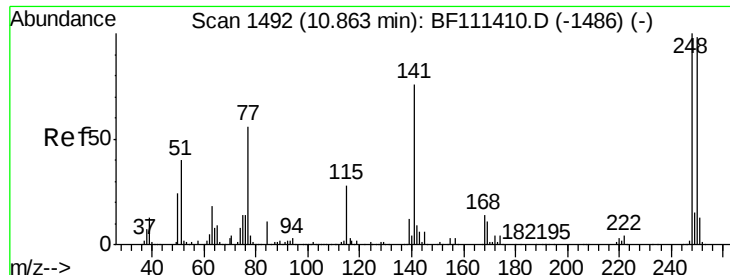
Delta R.T. -0.01 min

Lab File: BF111517.D

Acq: 16 Dec 2018 19:20

Tgt Ion:	169	Resp:	534123
Ion Ratio	Lower	Upper	
169	100		
168	66.3	54.4	81.6
167	35.3	30.5	45.7





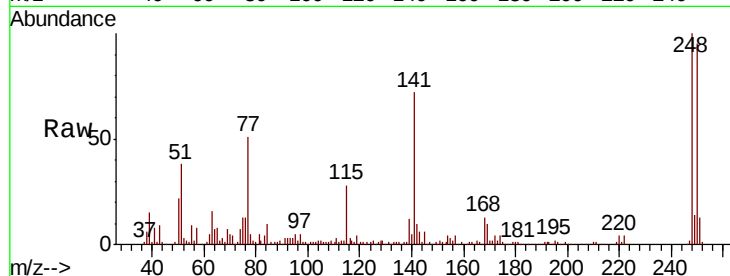
#67
4-Bromophenyl-phenylether
Concen: 27.548 ng
RT: 10.86 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BF111517.D
Acq: 16 Dec 2018 19:20

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.6	77.0	115.4
141	72.4	63.0	94.6

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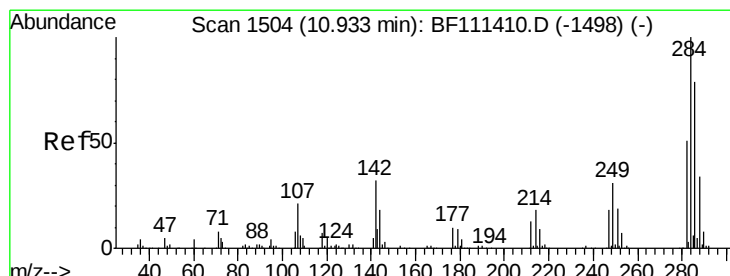
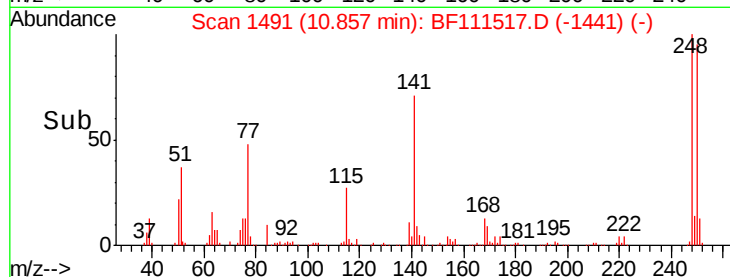
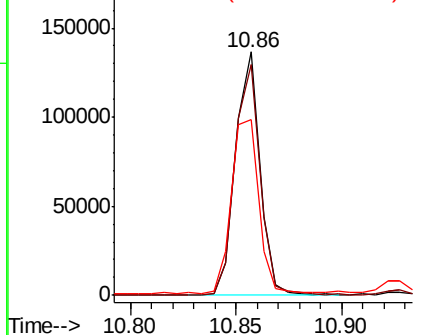


Abundance

Ion 248.00 (247.70 to 248.70): E

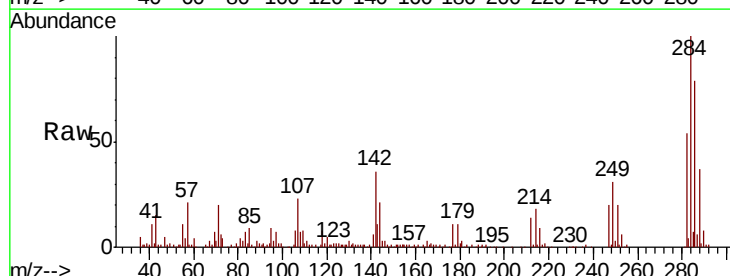
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 26.897 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF111517.D
Acq: 16 Dec 2018 19:20

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.6	27.4	41.2
249	31.1	24.4	36.6

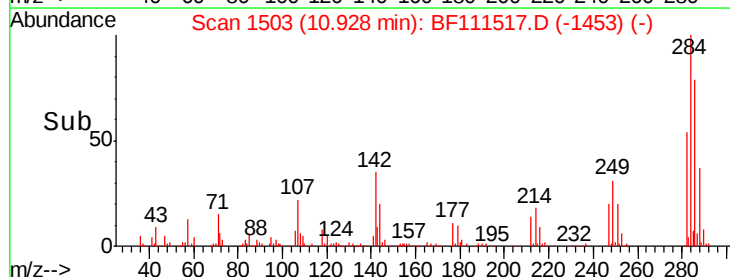
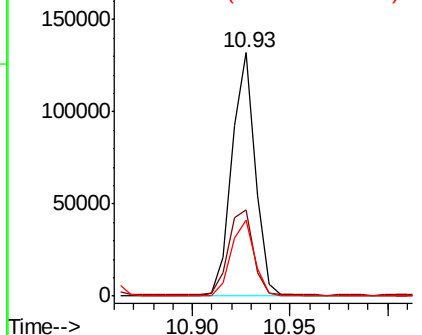


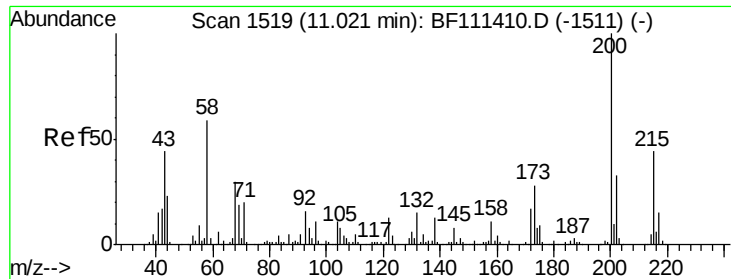
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





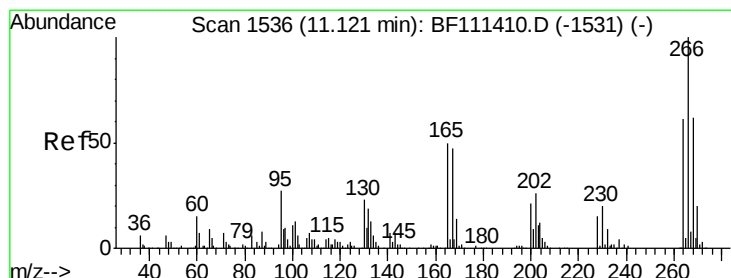
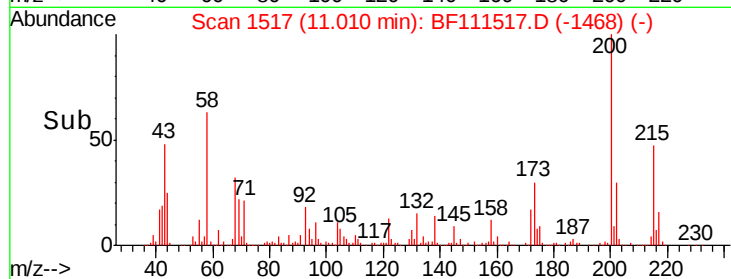
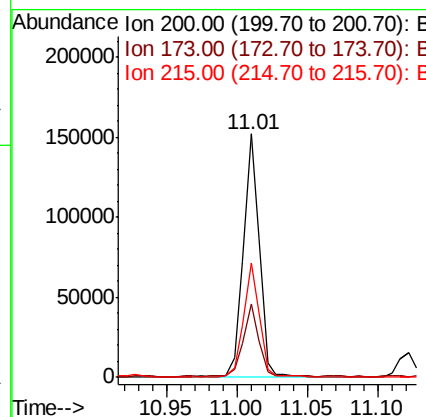
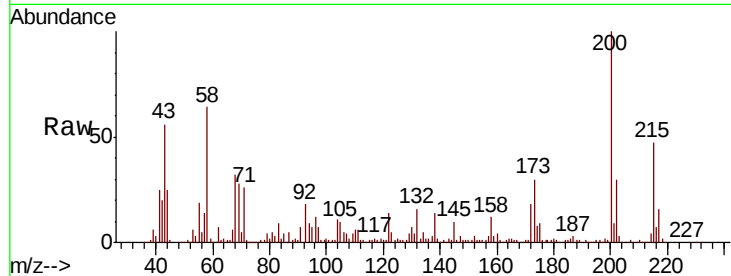
#69
Atrazine
Concen: 32.863 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF111517.D
Acq: 16 Dec 2018 19:20

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.9	10.1	50.1
215	46.9	26.9	66.9

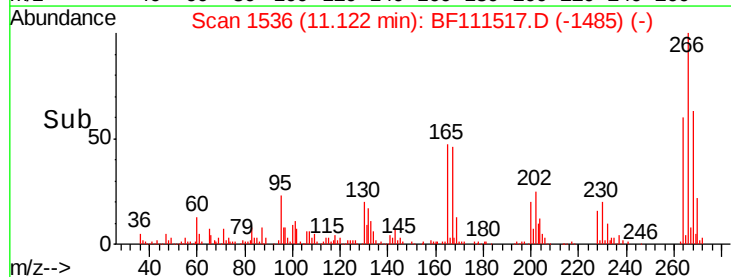
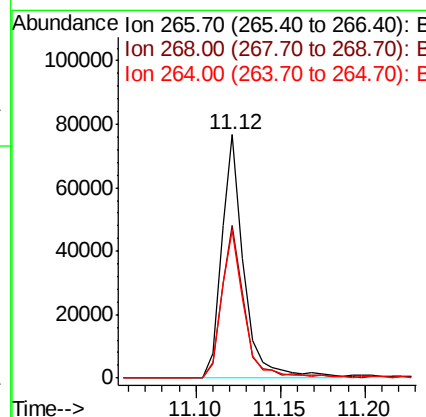
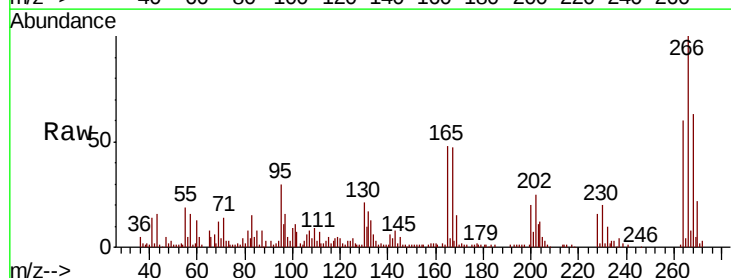
Manual Integrations
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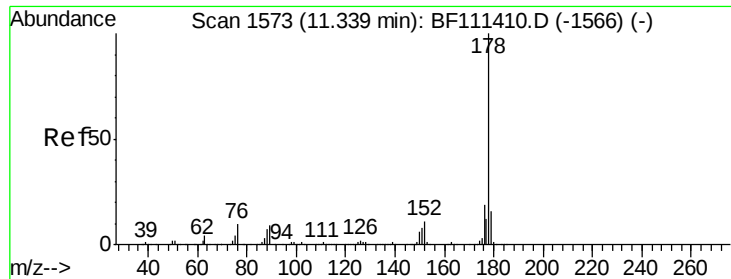
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#70
Pentachlorophenol
Concen: 28.223 ng
RT: 11.12 min Scan# 1536
Delta R.T. 0.00 min
Lab File: BF111517.D
Acq: 16 Dec 2018 19:20

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.7	47.9	71.9
264	60.4	49.1	73.7





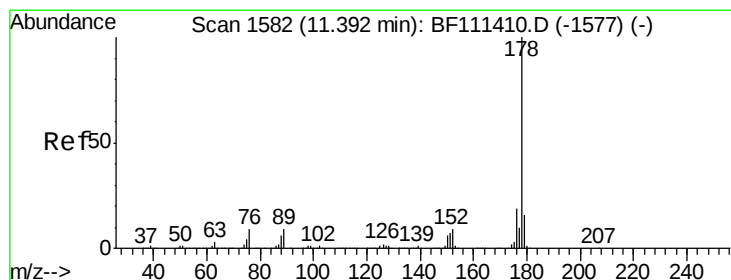
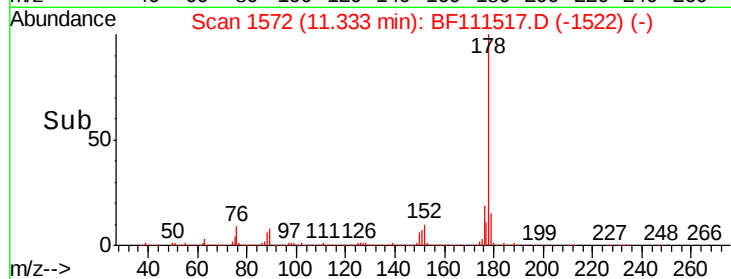
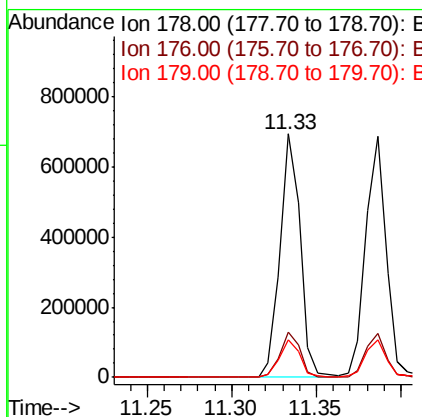
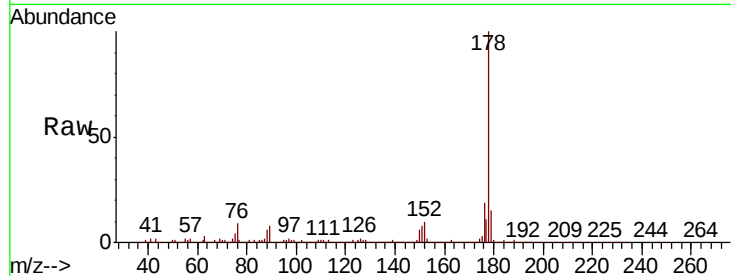
#71
Phenanthrene
Concen: 30.372 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF111517.D
Acq: 16 Dec 2018 19:20

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	18.1	27.1
179	15.4	14.0	21.0

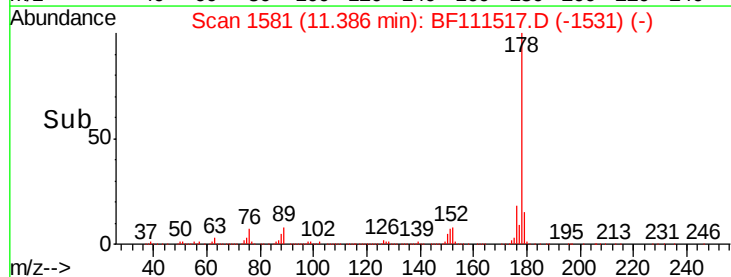
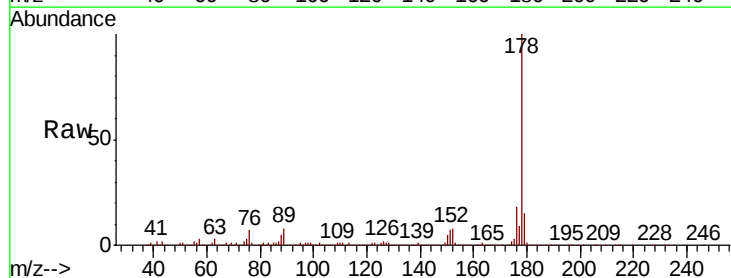
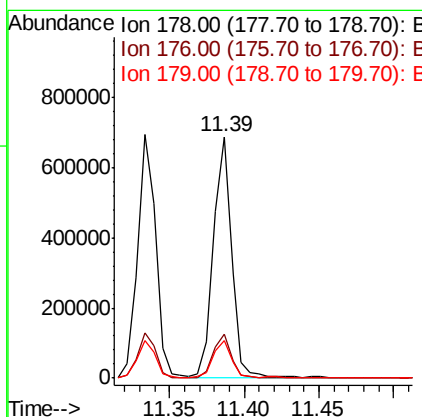
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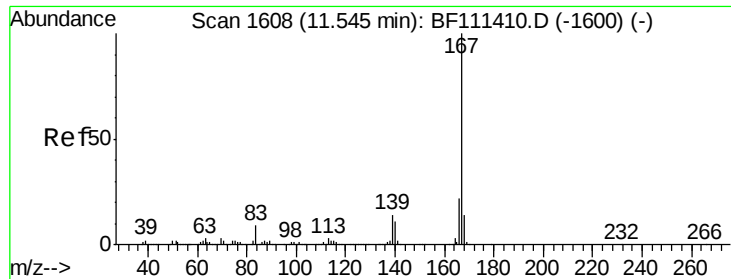
Sohil
12/17/2018 11:19:55 AM



#72
Anthracene
Concen: 30.037 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF111517.D
Acq: 16 Dec 2018 19:20

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	17.2	25.8
179	15.5	13.8	20.8





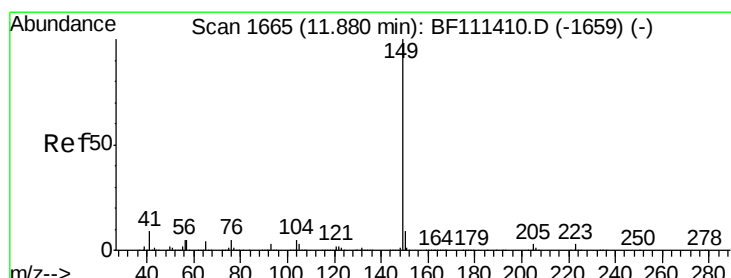
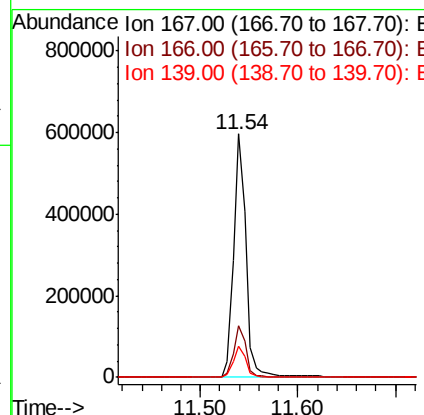
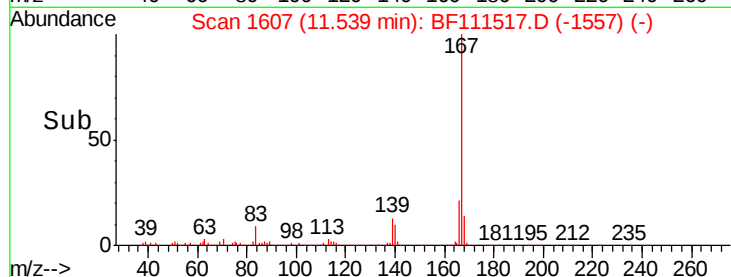
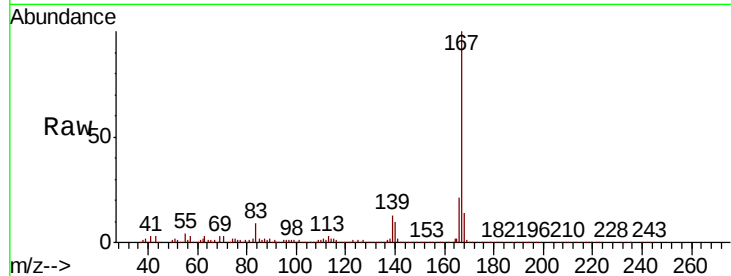
#73
 Carbazole
 Concen: 26.003 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. -0.01 min
 Lab File: BF111517.D
 Acq: 16 Dec 2018 19:20

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS001-0002-01MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
167	100				
166	21.4		19.3	28.9	
139	12.9		11.9	17.9	

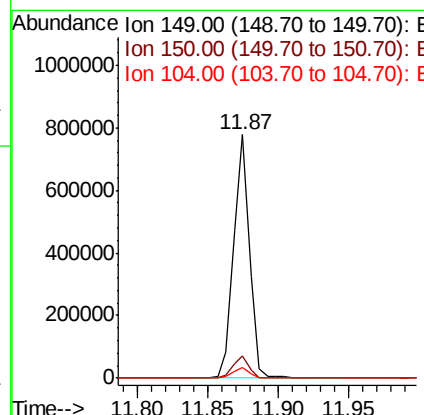
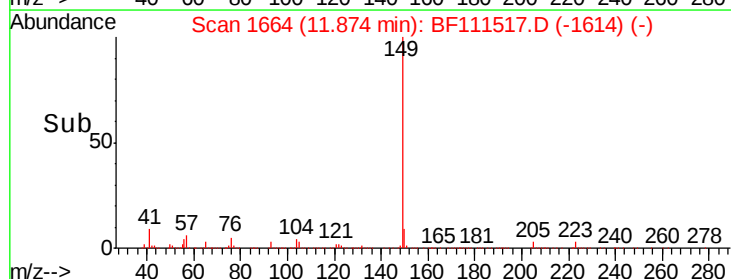
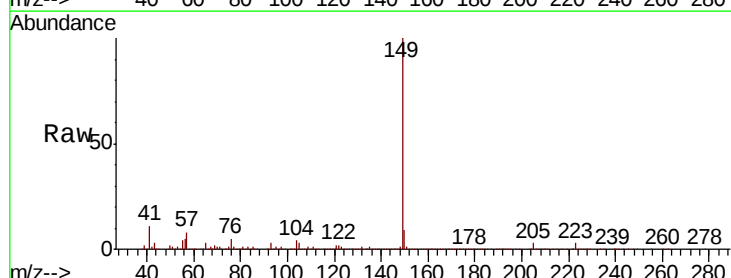
Manual Integrations
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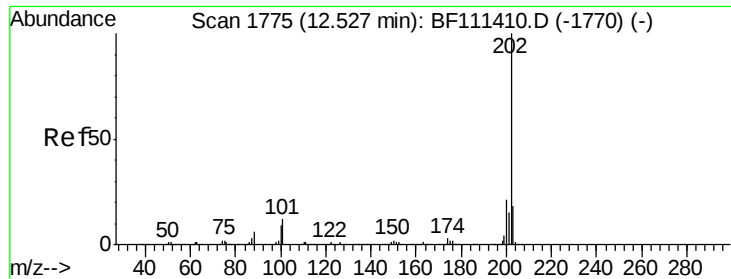
Sohil
 12/17/2018 11:19:55 AM



#74
 Di-n-butylphthalate
 Concen: 26.807 ng
 RT: 11.87 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BF111517.D
 Acq: 16 Dec 2018 19:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
150	9.2		8.8	13.2	
104	4.5		4.5	6.7	





#75

Fluoranthene

Concen: 25.358 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF111517.D

Acq: 16 Dec 2018 19:20

Instrument :

BNA_F

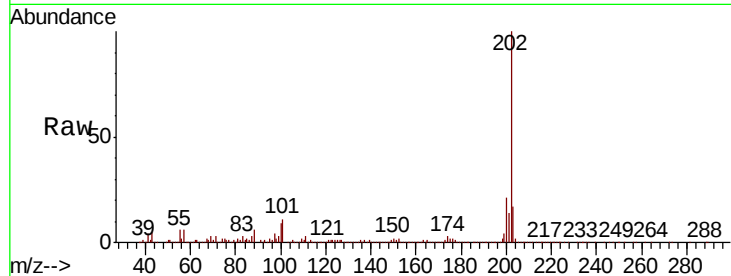
ClientSampleId :

P001-SS001-0002-01MSD

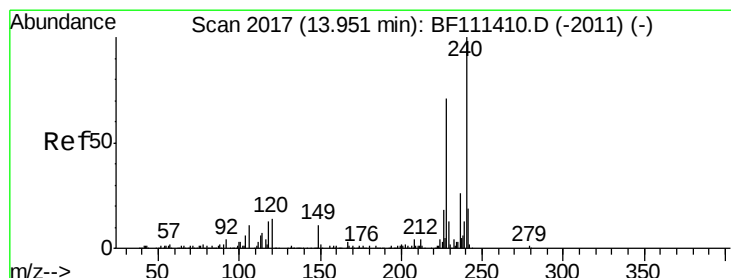
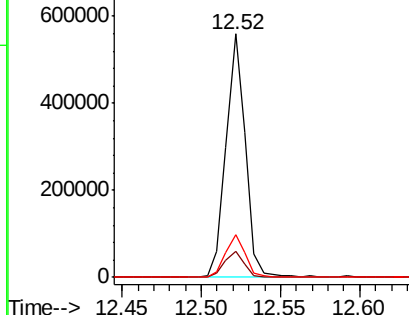
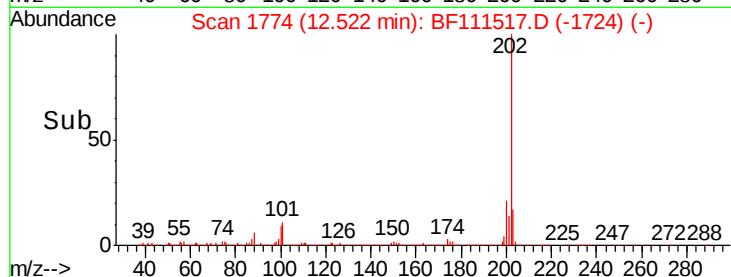
Tot Ion	Ratio	Resp	Lower	Upper
202	100	470883		
101	10.8	0.0	33.8	
203	17.4	0.0	38.6	

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

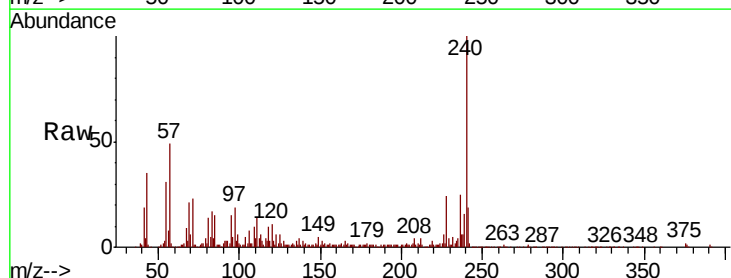
RT: 13.95 min Scan# 2017

Delta R.T. 0.00 min

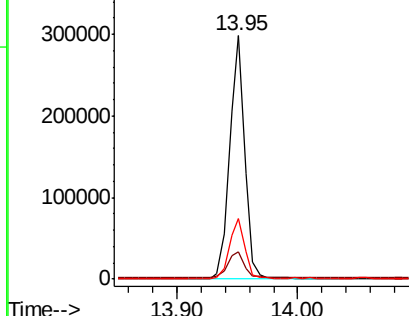
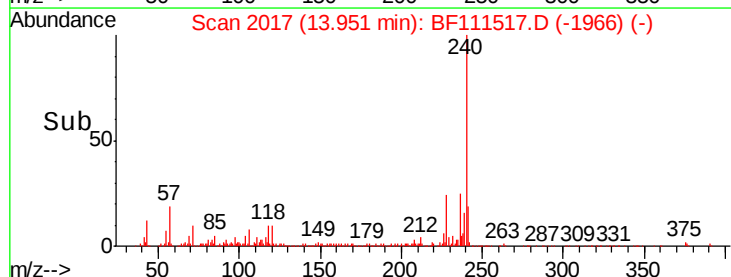
Lab File: BF111517.D

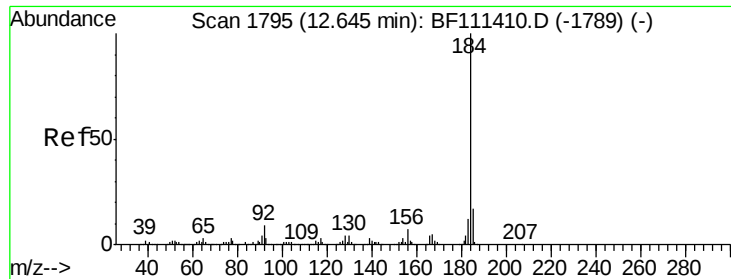
Acq: 16 Dec 2018 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	259984		
120	11.0	12.2	18.2#	
236	24.8	20.2	30.2	



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 15.822 ng

RT: 12.64 min Scan# 1794

Delta R.T. -0.00 min

Lab File: BF111517.D

Acq: 16 Dec 2018 19:20

Instrument :

BNA_F

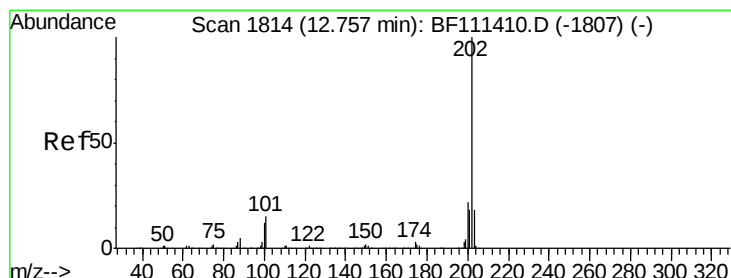
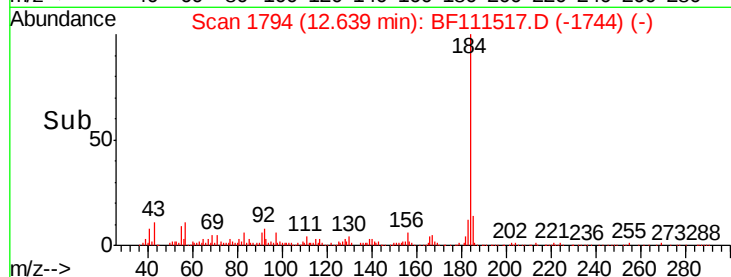
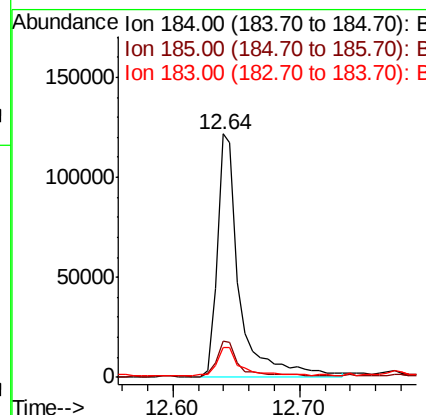
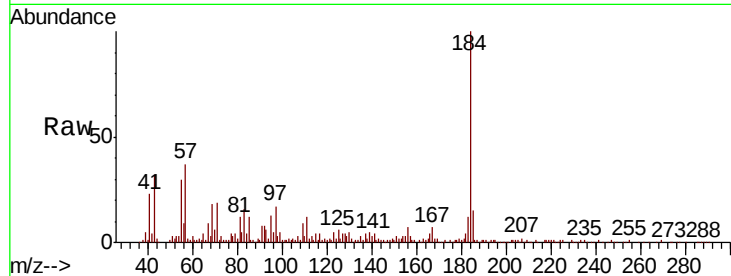
ClientSampleId :

P001-SS001-0002-01MSD

Tot Ion:	184	Resp:	151213
Ion Ratio	Lower	Upper	
184	100		
185	14.8	13.0	19.6
183	12.4	9.3	13.9

Manual Integrations
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#78

Pyrene

Concen: 25.959 ng

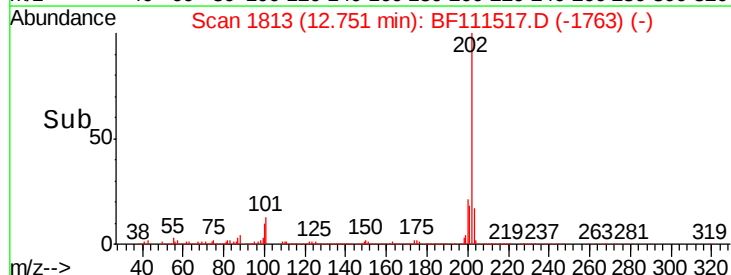
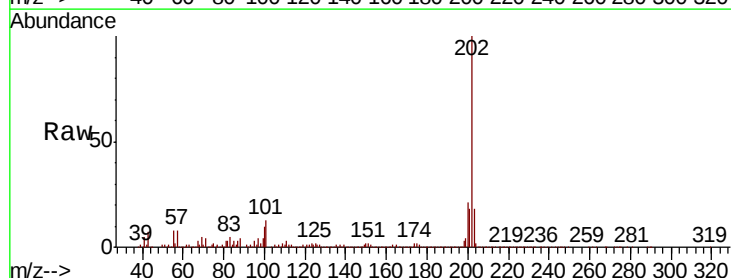
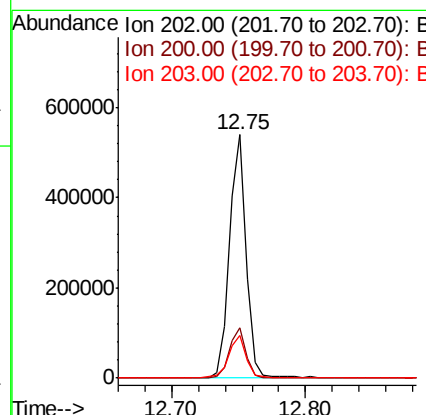
RT: 12.75 min Scan# 1813

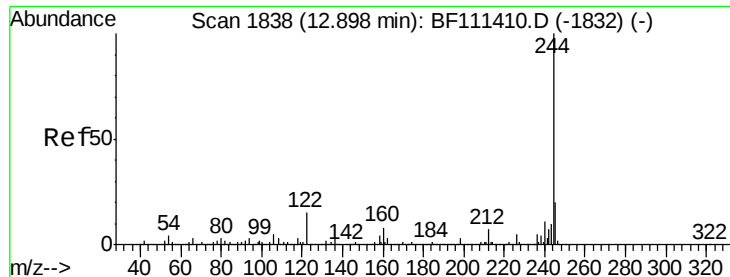
Delta R.T. -0.01 min

Lab File: BF111517.D

Acq: 16 Dec 2018 19:20

Tgt Ion:	202	Resp:	475823
Ion Ratio	Lower	Upper	
202	100		
200	20.9	19.0	28.4
203	17.6	15.2	22.8





#79

Terphenyl-d14

Concen: 55.412 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF111517.D

Acq: 16 Dec 2018 19:20

Instrument :

BNA_F

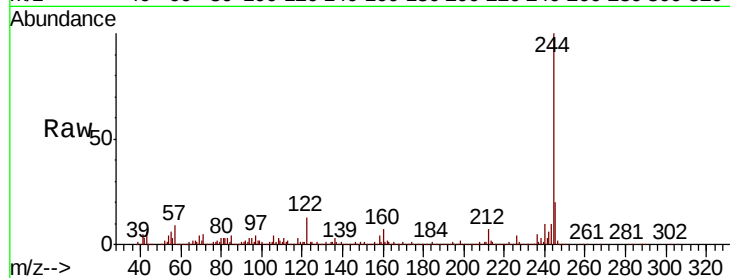
ClientSampleId :

P001-SS001-0002-01MSD

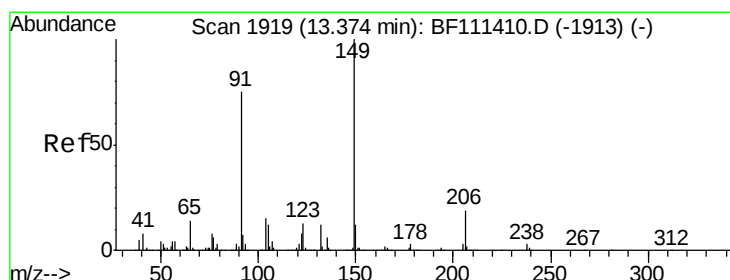
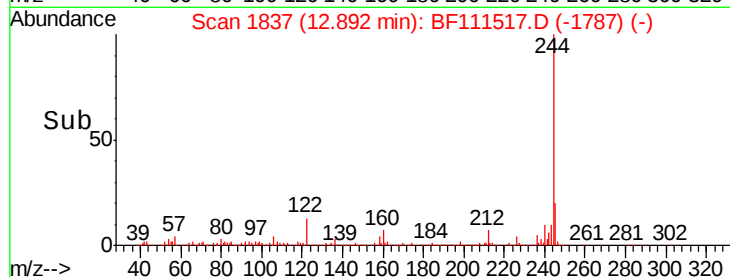
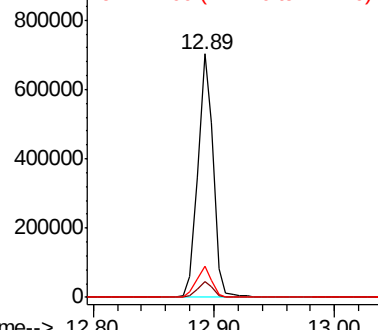
Tot Ion:	244	Resp:	613496
Ion Ratio		Lower	Upper
244	100		
212	6.6	5.7	8.5
122	12.8	13.1	19.7#

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 28.144 ng

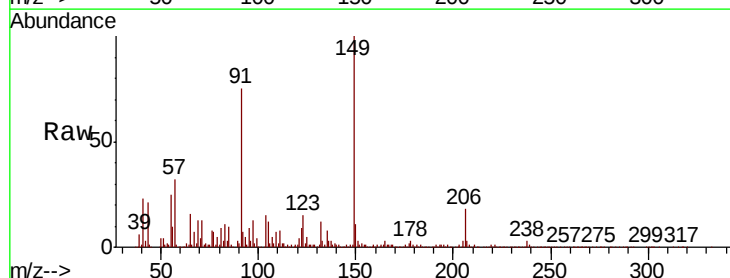
RT: 13.37 min Scan# 1918

Delta R.T. -0.01 min

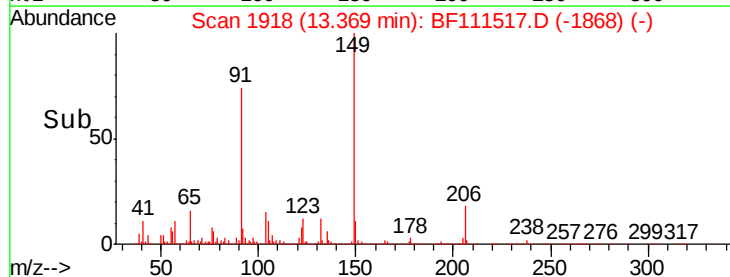
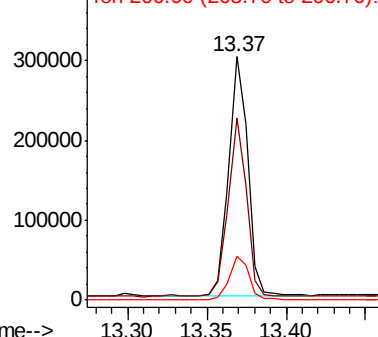
Lab File: BF111517.D

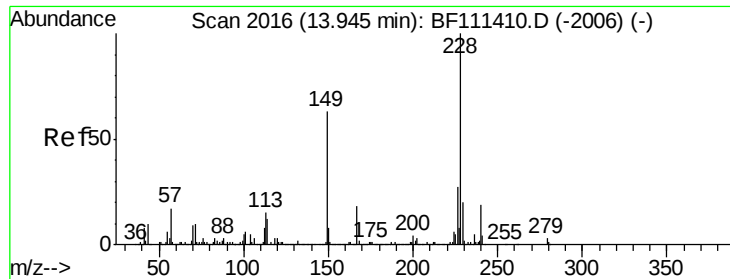
Acq: 16 Dec 2018 19:20

Tgt Ion:	149	Resp:	251453
Ion Ratio		Lower	Upper
149	100		
91	74.7	63.8	95.6
206	18.1	15.1	22.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E





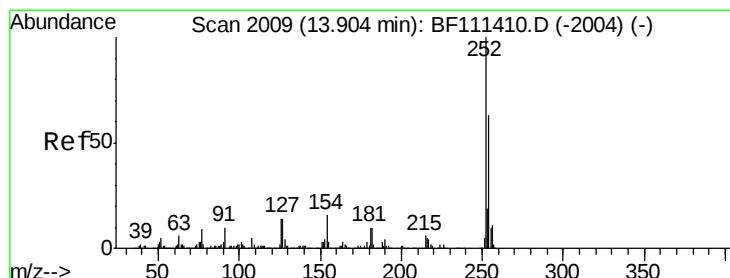
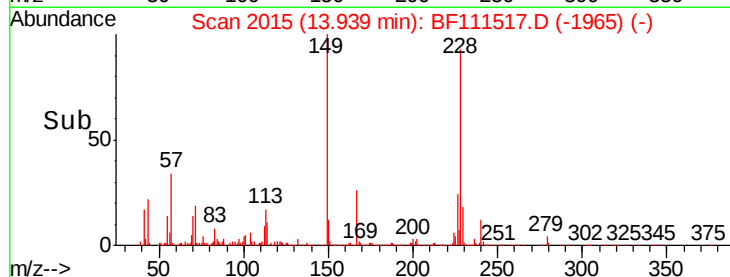
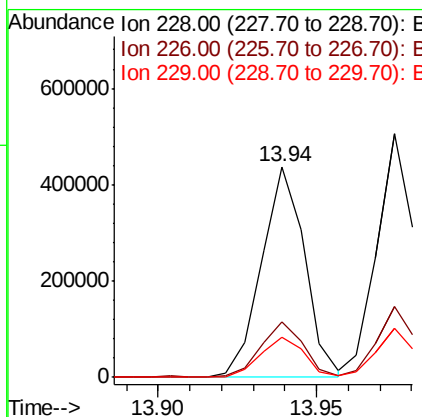
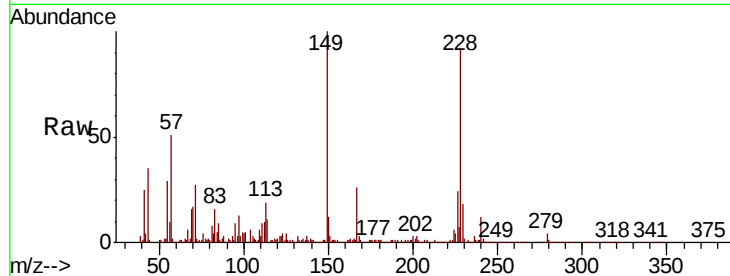
#81
Benzo(a)anthracene
Concen: 29.244 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF111517.D
Acq: 16 Dec 2018 19:20

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.2	22.6	34.0
229	19.3	16.3	24.5

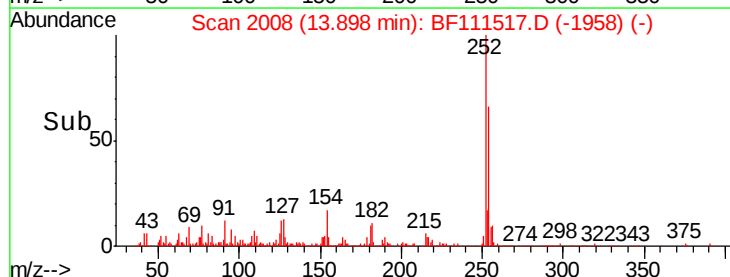
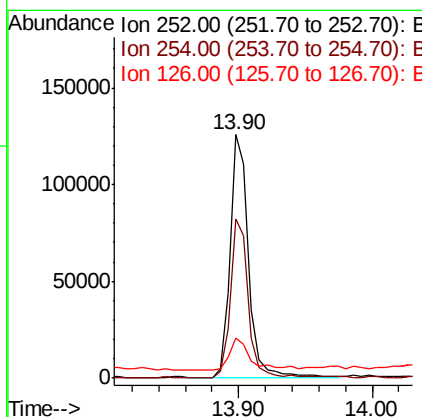
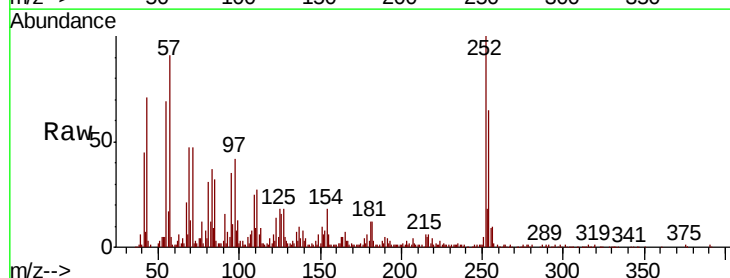
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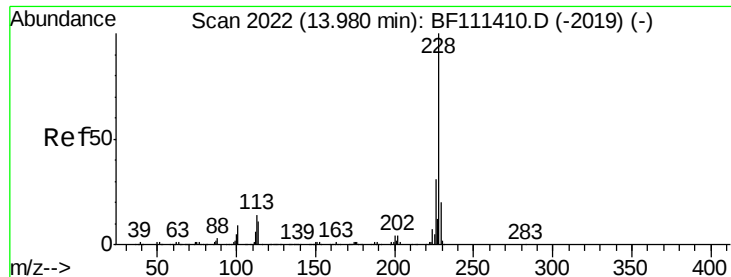
Sohil
12/17/2018 11:19:55 AM



#82
3,3'-Dichlorobenzidine
Concen: 21.516 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF111517.D
Acq: 16 Dec 2018 19:20

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.5	52.7	79.1
126	16.5	11.1	16.7





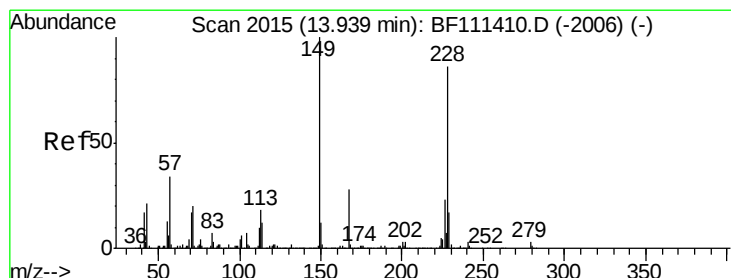
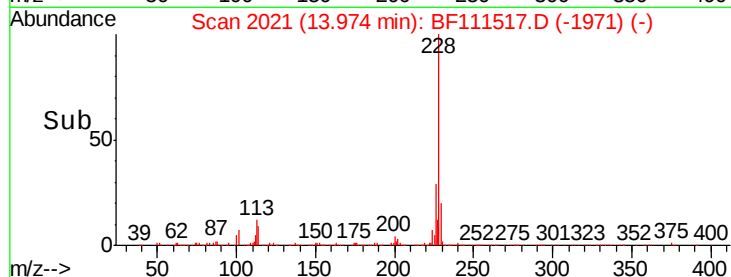
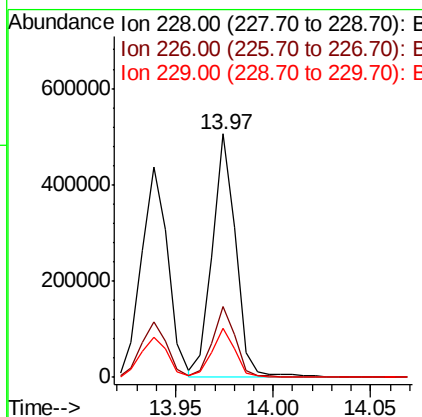
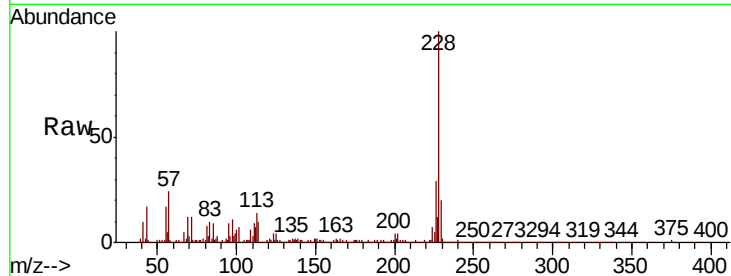
#83
Chrysene
Concen: 28.082 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF111517.D
Acq: 16 Dec 2018 19:20

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	25.3	37.9
229	20.1	17.2	25.8

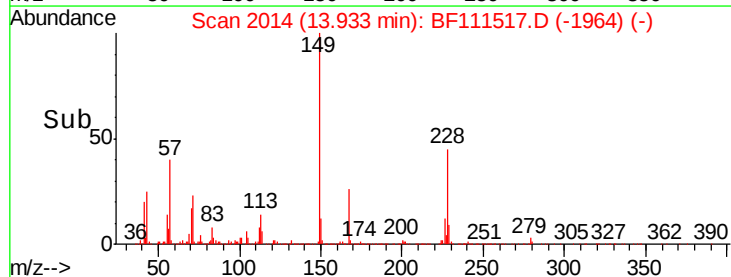
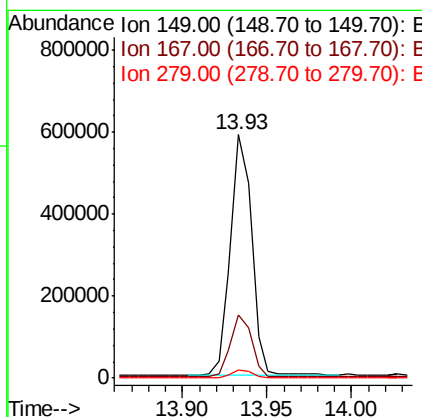
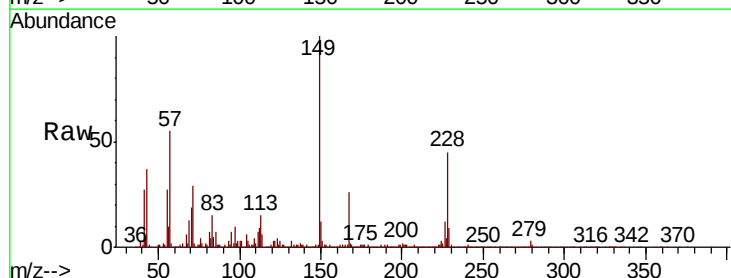
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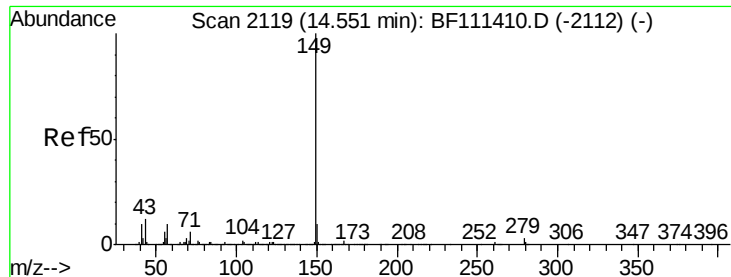
Sohil
12/17/2018 11:19:55 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.078 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF111517.D
Acq: 16 Dec 2018 19:20

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.0	22.5	33.7
279	3.3	2.6	4.0





#85

Di-n-octyl phthalate

Concen: 32.820 ng

RT: 14.54 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BF111517.D

Acq: 16 Dec 2018 19:20

Instrument :

BNA_F

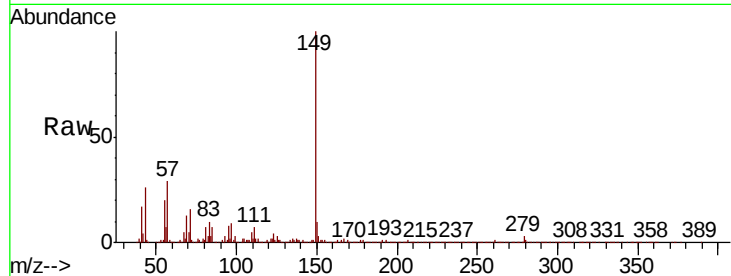
ClientSampleId :

P001-SS001-0002-01MSD

Tot Ion:	149	Resp:	631732
Ion Ratio	Lower	Upper	
149	100		
167	1.9	1.3	1.9#
43	19.8	10.9	16.3#

Manual Integrations
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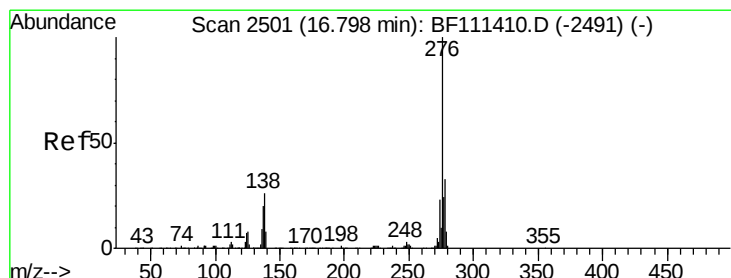
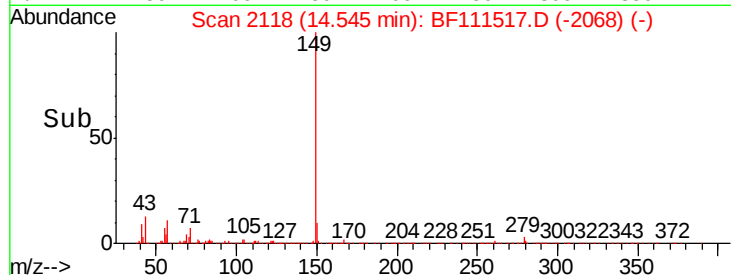
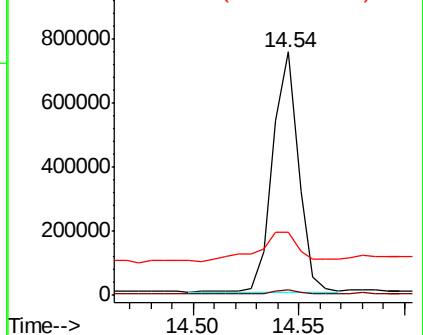


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 25.732 ng

RT: 16.81 min Scan# 2503

Delta R.T. 0.01 min

Lab File: BF111517.D

Acq: 16 Dec 2018 19:20

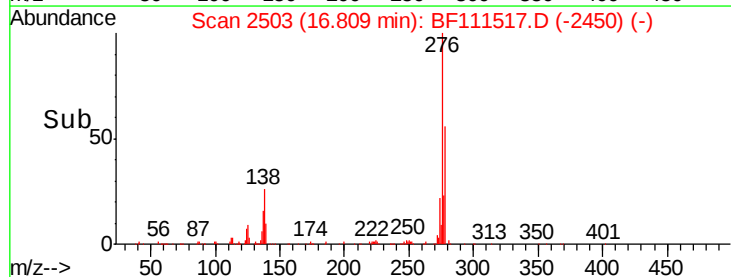
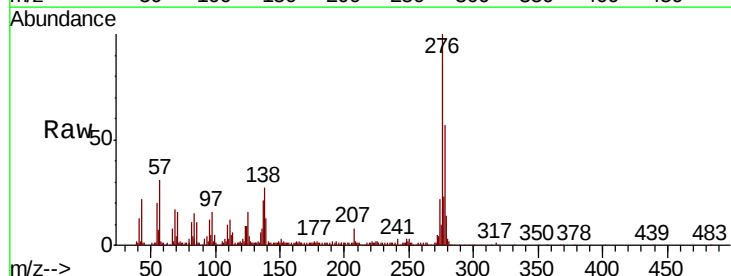
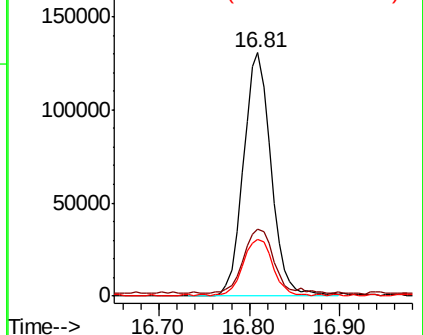
Tgt Ion:	276	Resp:	276561
Ion Ratio	Lower	Upper	
276	100		
138	29.4	27.8	41.6
277	24.4	20.1	30.1

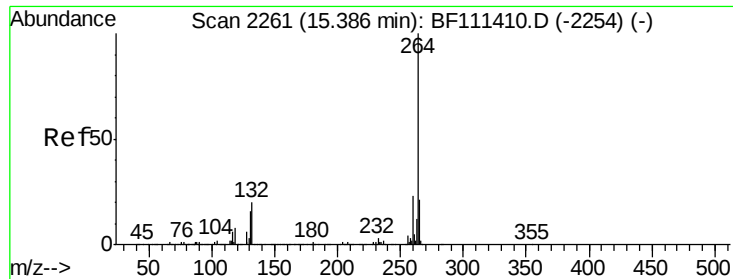
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





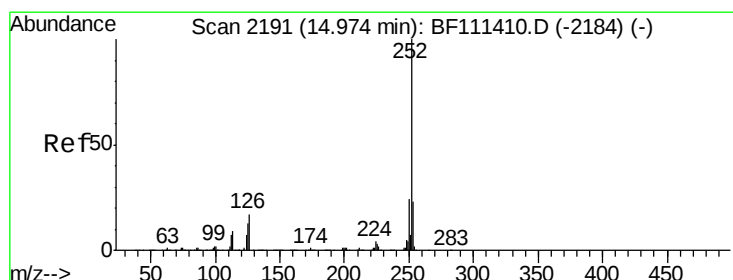
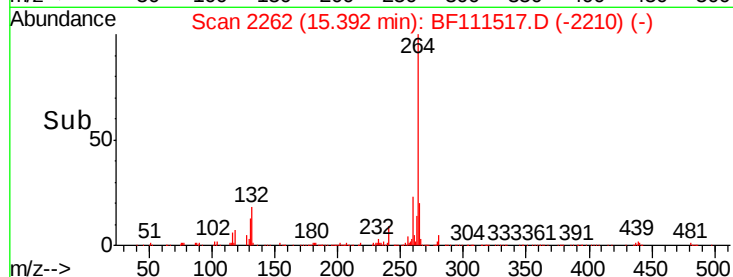
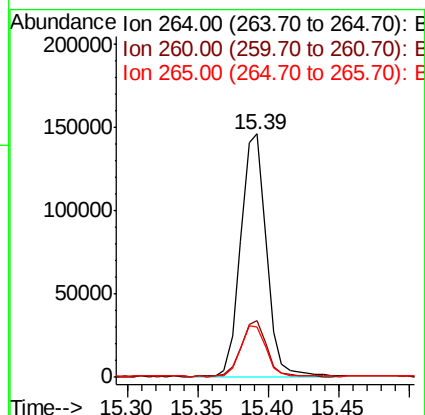
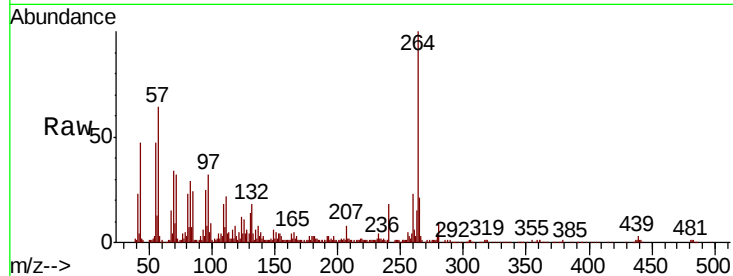
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF111517.D
Acq: 16 Dec 2018 19:20

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.3	27.5
265	20.6	17.7	26.5

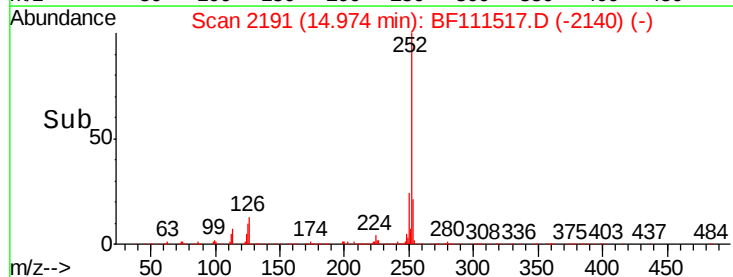
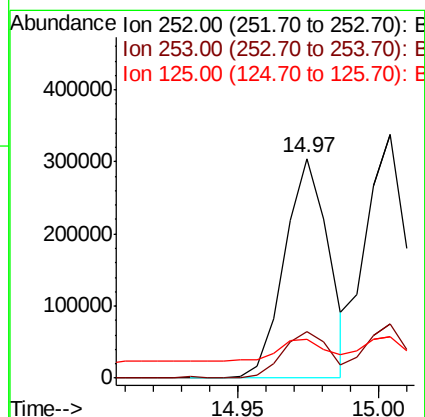
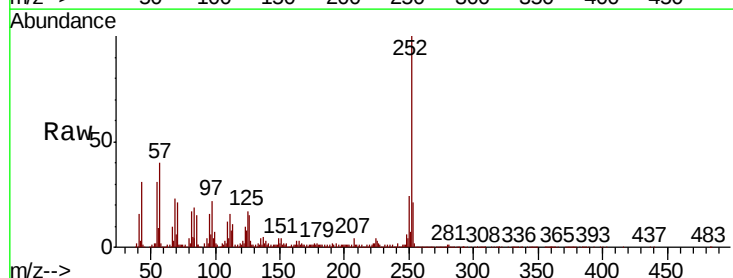
Manual Integrations
APPROVED

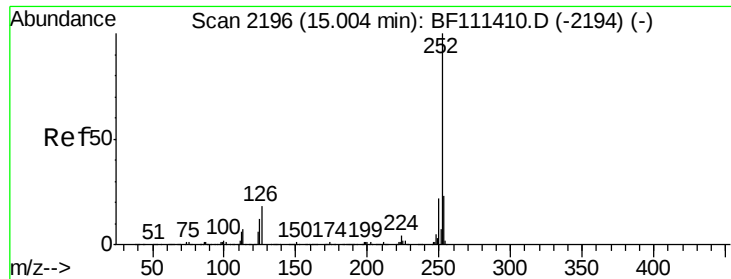
Sohil
12/17/2018 11:19:55 AM



#88
Benzo(b)fluoranthene
Concen: 30.404 ng
RT: 14.97 min Scan# 2191
Delta R.T. 0.00 min
Lab File: BF111517.D
Acq: 16 Dec 2018 19:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.2	27.2
125	17.5	10.4	15.6#





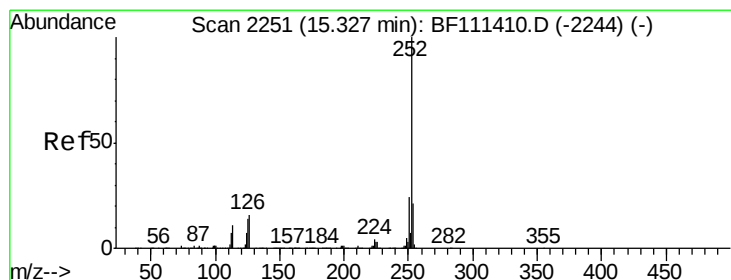
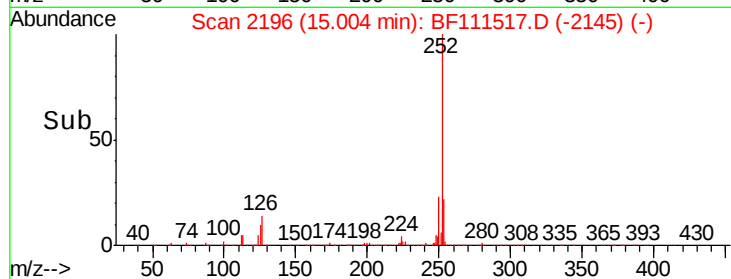
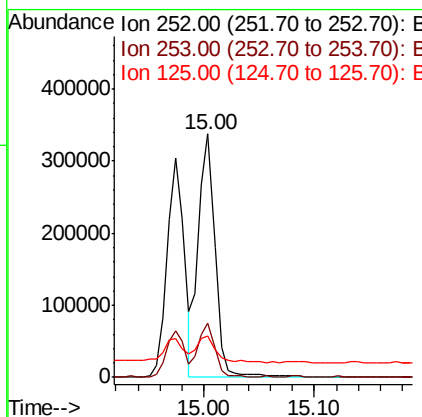
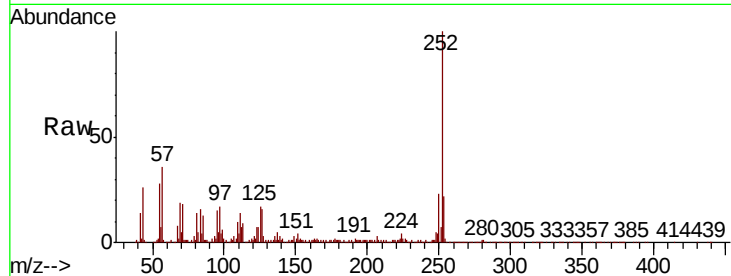
#89
Benzo(k)fluoranthene
Concen: 33.130 ng
RT: 15.00 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BF111517.D
Acq: 16 Dec 2018 19:20

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	17.1	9.8	14.8

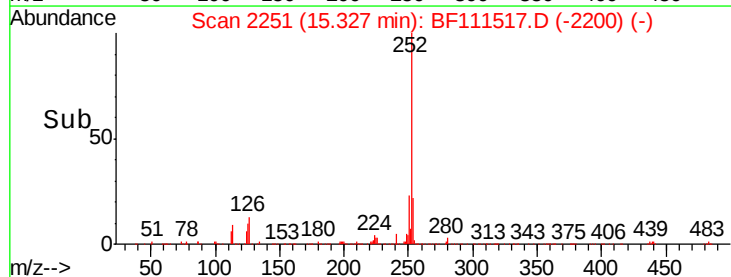
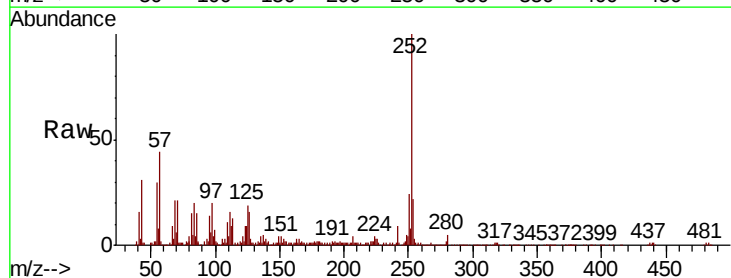
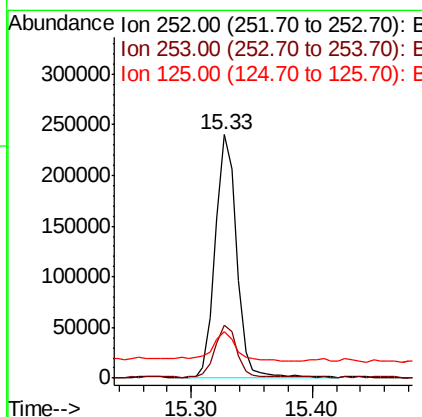
Manual Integrations
APPROVED

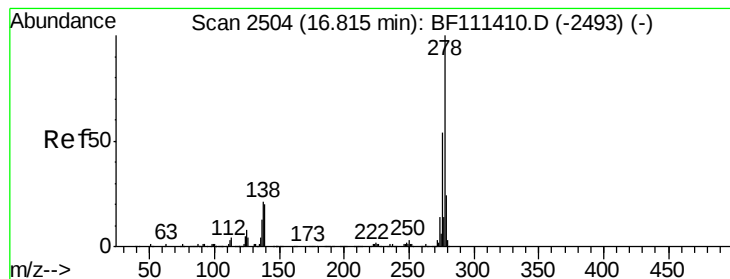
Sohil
12/17/2018 11:19:55 AM



#90
Benzo(a)pyrene
Concen: 29.679 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.00 min
Lab File: BF111517.D
Acq: 16 Dec 2018 19:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	19.2	12.3	18.5





#91

Dibenzo(a,h)anthracene

Concen: 30.826 ng

RT: 16.82 min Scan# 2505

Delta R.T. 0.01 min

Lab File: BF111517.D

Acq: 16 Dec 2018 19:20

Instrument :

BNA_F

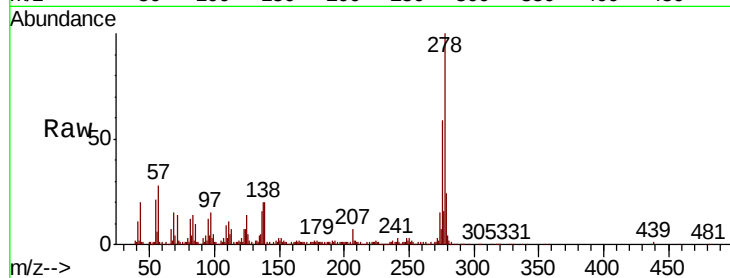
ClientSampleId :

P001-SS001-0002-01MSD

Tot Ion:	278	Resp:	237908
Ion Ratio	Lower	Upper	
278	100		
139	20.4	18.2	27.4
279	23.7	19.0	28.6

Manual Integrations
APPROVED

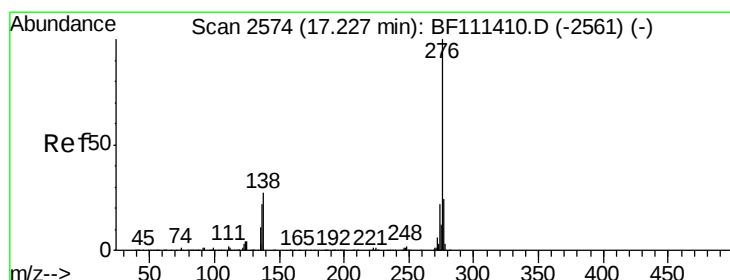
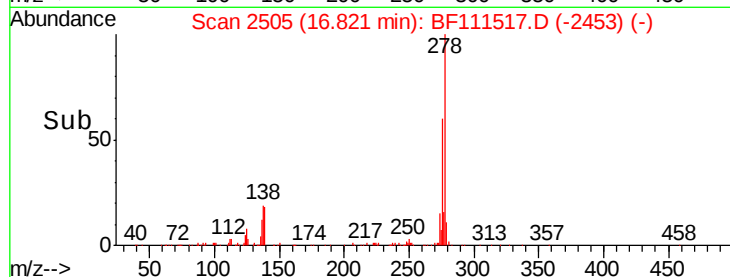
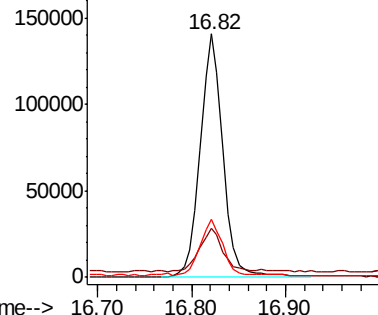
Sohil
12/17/2018 11:19:55 AM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 29.761 ng

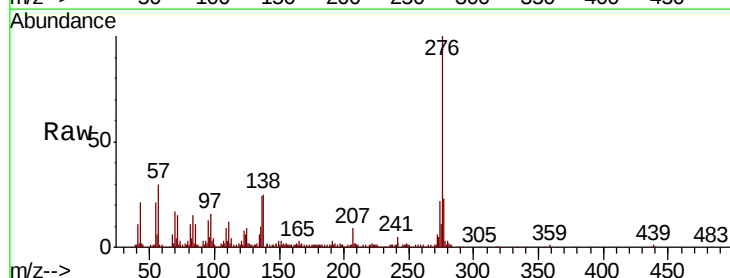
RT: 17.23 min Scan# 2575

Delta R.T. 0.01 min

Lab File: BF111517.D

Acq: 16 Dec 2018 19:20

Tgt Ion:	276	Resp:	225455
Ion Ratio	Lower	Upper	
276	100		
277	23.4	19.2	28.8
138	24.9	24.9	37.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

