

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
 Data File : BF111430.D
 Acq On : 14 Dec 2018 20:30
 Operator : JU/SJ
 Sample : J6340-10MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-06AMSD

Manual Integrations
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Sohil
 12/17/2018 2:36:44 PM

Quant Time: Dec 14 22:32:02 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	177437	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	704561	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	309827	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	439788	20.00	ng	0.00
76) Chrysene-d12	13.95	240	339730	20.00	ng	0.00
87) Perylene-d12	15.39	264	274625	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1136518	106.59	ng	0.01
7) Phenol-d6	6.44	99	1466953	103.43	ng	0.00
23) Nitrobenzene-d5	7.36	82	889058	75.14	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	253664	91.40	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1564030	77.97	ng	0.00
79) Terphenyl-d14	12.90	244	1020282	70.52	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	146804	28.506	ng	95
3) Pyridine	3.29	79	300284	23.216	ng	91
4) n-Nitrosodimethylamine	3.22	42	236361	40.231	ng	84
6) Aniline	6.46	93	191662	10.894	ng	# 1
8) 2-Chlorophenol	6.59	128	442322	34.718	ng	94
9) Benzaldehyde	6.34	77	176475	20.513	ng	96
10) Phenol	6.45	94	591844	37.458	ng	92
11) bis(2-Chloroethyl)ether	6.53	93	408568	32.987	ng	98
12) 1,3-Dichlorobenzene	6.73	146	455787	32.499	ng	98
13) 1,4-Dichlorobenzene	6.81	146	465467	32.698	ng	98
14) 1,2-Dichlorobenzene	6.97	146	438710	32.759	ng	98
15) Benzyl Alcohol	6.94	79	369706	34.257	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	810082	33.497	ng	99
17) 2-Methylphenol	7.06	107	349657	34.101	ng	97
18) Hexachloroethane	7.31	117	161444	30.474	ng	93
19) n-Nitroso-di-n-propylamine	7.21	70	299759	32.034	ng	95
20) 3+4-Methylphenols	7.21	107	443552	34.486	ng	# 73
22) Acetophenone	7.20	105	607309	38.613	ng	# 89
24) Nitrobenzene	7.37	77	440335	36.483	ng	97
25) Isophorone	7.62	82	798177	39.870	ng	99
26) 2-Nitrophenol	7.69	139	220597	35.243	ng	98
27) 2,4-Dimethylphenol	7.73	122	362910	39.993	ng	96
28) bis(2-Chloroethoxy)methane	7.83	93	515817	37.323	ng	99
29) 2,4-Dichlorophenol	7.94	162	348932	36.021	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	355646	35.072	ng	98
31) Naphthalene	8.10	128	1261060	38.267	ng	97
32) Benzoic acid	7.84	122	165189m	21.066	ng	
33) 4-Chloroaniline	8.15	127	79590	5.431	ng	98
34) Hexachlorobutadiene	8.22	225	189824	33.977	ng	99
35) Caprolactam	8.51	113	110630	30.761	ng	98
36) 4-Chloro-3-methylphenol	8.64	107	359273	33.695	ng	98
37) 2-Methylnaphthalene	8.79	142	833661	37.385	ng	99
38) 1-Methylnaphthalene	8.89	142	775654	36.005	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	308790	36.342	ng	98

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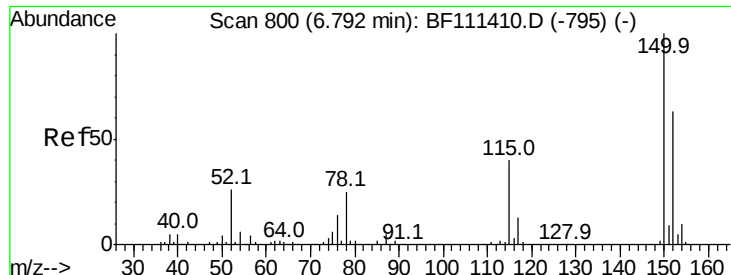
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	125892	28.859	ng	99
43) 2,4,6-Trichlorophenol	9.07	196	214584	35.683	ng	98
44) 2,4,5-Trichlorophenol	9.12	196	223197	34.879	ng	97
46) 1,1'-Biphenyl	9.26	154	936772	35.684	ng	93
47) 2-Chloronaphthalene	9.28	162	717944	35.979	ng	95
48) 2-Nitroaniline	9.37	65	223756	34.535	ng	99
49) Acenaphthylene	9.69	152	1122494	37.897	ng	95
50) Dimethylphthalate	9.56	163	1015017	45.490	ng	97
51) 2,6-Dinitrotoluene	9.62	165	174126	34.669	ng	98
52) Acenaphthene	9.86	154	660449	35.278	ng	98
53) 3-Nitroaniline	9.78	138	100490	16.473	ng	94
54) 2,4-Dinitrophenol	9.89	184	43253	22.636	ng	90
55) Dibenzofuran	10.04	168	957618	35.240	ng	95
56) 4-Nitrophenol	9.95	139	241443	57.190	ng	98
57) 2,4-Dinitrotoluene	10.02	165	214279	32.506	ng	100
58) Fluorene	10.38	166	715566	36.304	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.16	232	164505	32.902	ng	99
60) Diethylphthalate	10.25	149	805184	35.624	ng	97
61) 4-Chlorophenyl-phenylether	10.37	204	331564	34.383	ng	96
62) 4-Nitroaniline	10.39	138	151056	25.013	ng	97
63) Azobenzene	10.53	77	738902	33.161	ng	96
65) 4,6-Dinitro-2-methylphenol	10.42	198	39585	15.944	ng	95
66) n-Nitrosodiphenylamine	10.49	169	632268	41.690	ng	98
67) 4-Bromophenyl-phenylether	10.86	248	186495	39.345	ng	95
68) Hexachlorobenzene	10.93	284	177198	36.342	ng	# 92
69) Atrazine	11.02	200	186837	42.628	ng	97
70) Pentachlorophenol	11.12	266	164154	54.890	ng	95
71) Phenanthrene	11.34	178	864101	38.131	ng	94
72) Anthracene	11.39	178	896157	38.668	ng	94
73) Carbazole	11.54	167	793210	33.098	ng	94
74) Di-n-butylphthalate	11.88	149	1099324	41.188	ng	# 96
75) Fluoranthene	12.52	202	779765	35.173	ng	98
77) Benzidine	12.64	184	63045	5.048	ng	97
78) Pyrene	12.75	202	805688	33.637	ng	95
80) Butylbenzylphthalate	13.37	149	388350	33.263	ng	93
81) Benzo(a)anthracene	13.94	228	697547	37.761	ng	97
82) 3,3'-Dichlorobenzidine	13.90	252	222741	29.661	ng	96
83) Chrysene	13.97	228	699955	35.969	ng	97
84) Bis(2-ethylhexyl)phthalate	13.94	149	535146	35.887	ng	98
85) Di-n-octyl phthalate	14.54	149	980266	38.972	ng	99
86) Indeno(1,2,3-cd)pyrene	16.80	276	450367	32.067	ng	97
88) Benzo(b)fluoranthene	14.97	252	633576	39.571	ng	98
89) Benzo(k)fluoranthene	15.00	252	626683	40.963	ng	98
90) Benzo(a)pyrene	15.33	252	558181	38.660	ng	97
91) Dibenzo(a,h)anthracene	16.82	278	388550	34.115	ng	96
92) Benzo(g,h,i)perylene	17.23	276	364870	32.637	ng	# 91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.00 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

Instrument :

BNA_F

ClientSampleId :

SB-06AMSD

Tot Ion:152 Resp: 177437

Ion Ratio Lower Upper

152 100

150 155.0 126.6 189.8

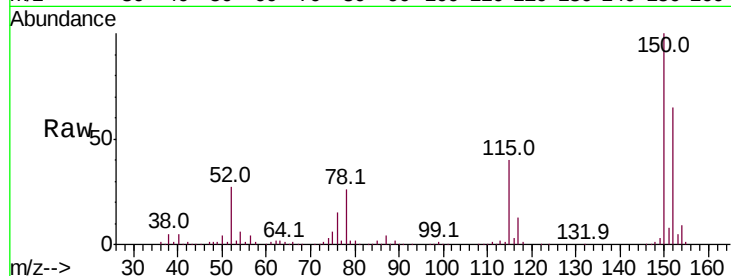
115 62.3 50.7 76.1

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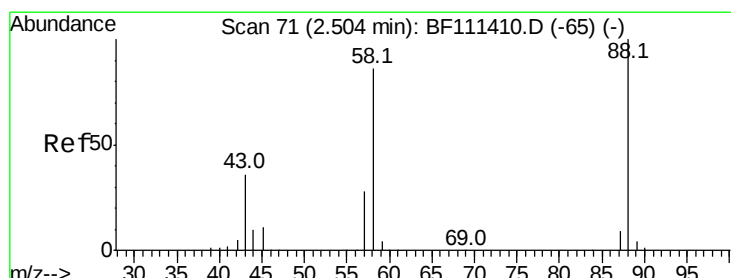
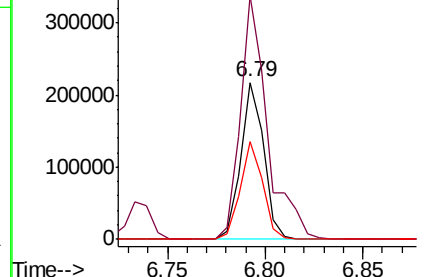
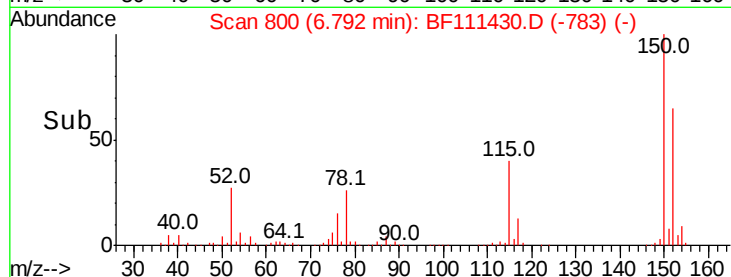
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 28.506 ng

RT: 2.55 min Scan# 78

Delta R.T. 0.04 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

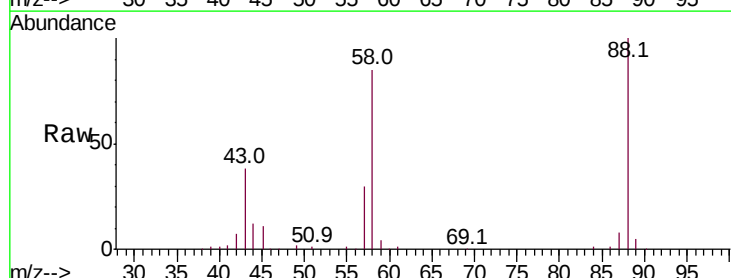
Tgt Ion: 88 Resp: 146804

Ion Ratio Lower Upper

88 100

58 89.4 68.9 103.3

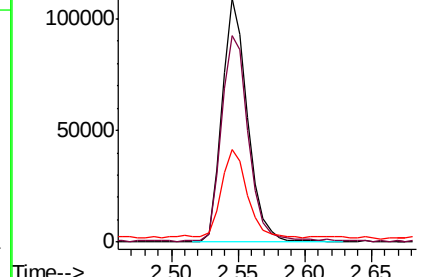
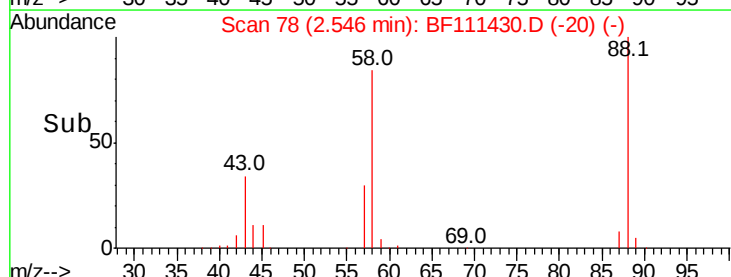
43 36.8 25.8 38.6

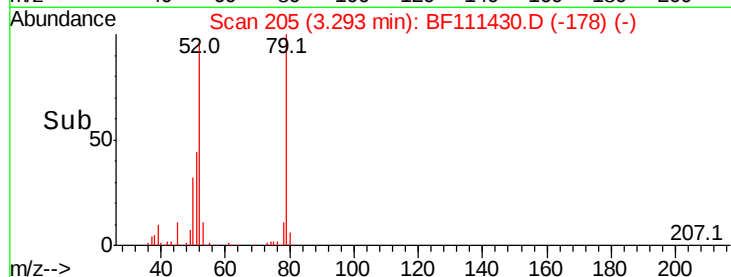
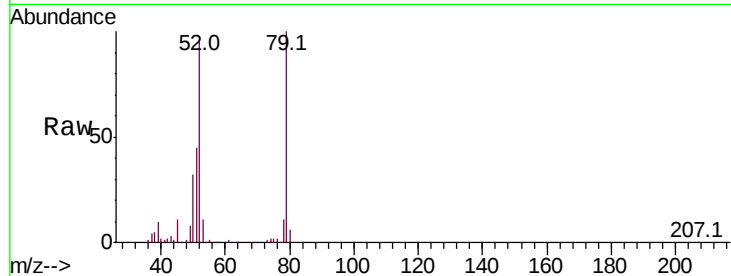
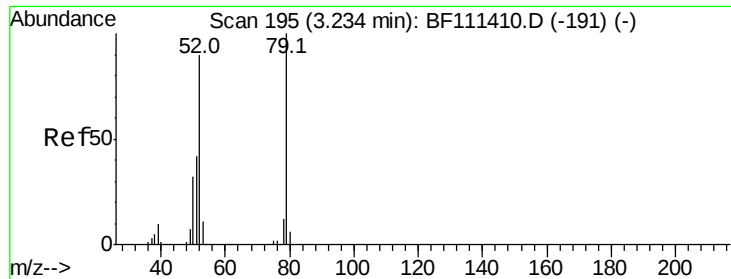


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





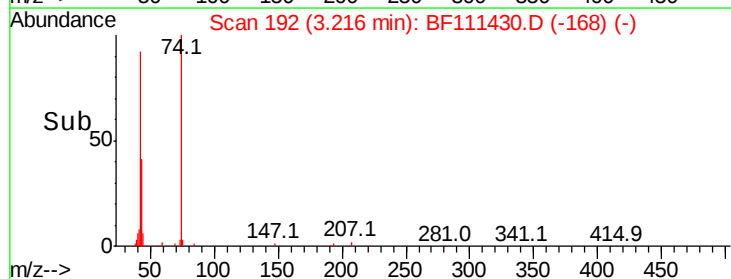
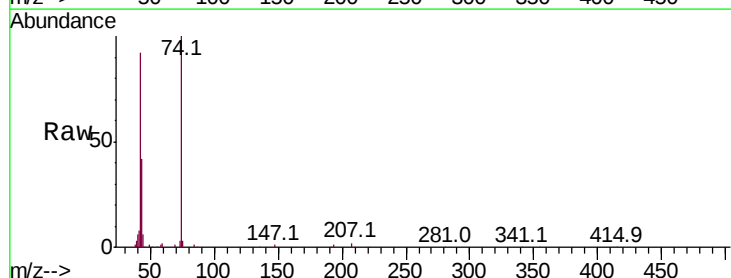
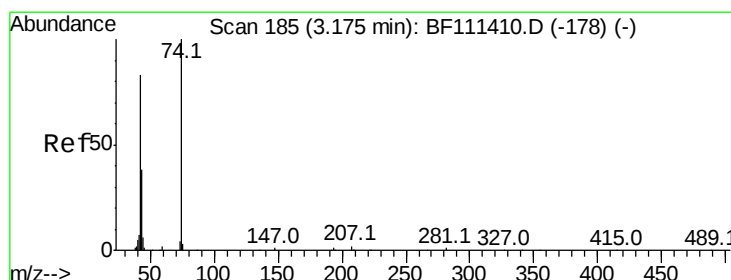
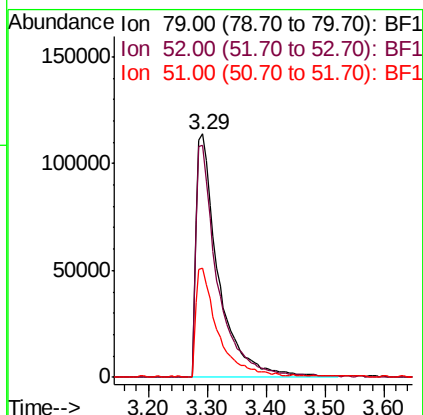
#3
Pvridine
Concen: 23.216 ng
RT: 3.29 min Scan# 205
Delta R.T. 0.06 min
Lab File: BF111430.D
Acq: 14 Dec 2018 20:30

Tot Ion	Ratio	Lower	Upper
79	100		
52	95.5	68.3	102.5
51	44.6	32.6	49.0

Instrument :
BNA_F
ClientSampled :
SB-06AMSD

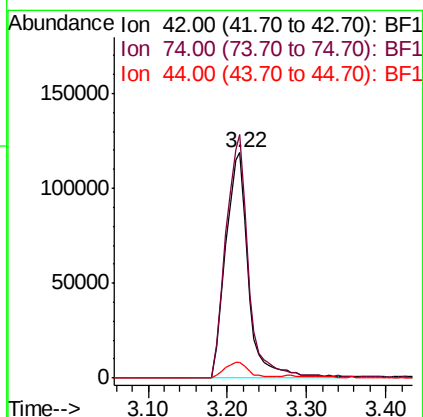
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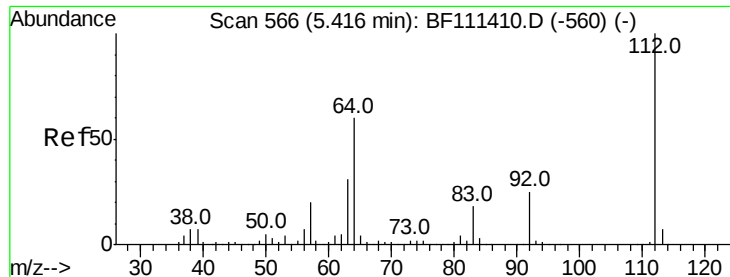
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#4
n-Nitrosodimethylamine
Concen: 40.231 ng
RT: 3.22 min Scan# 192
Delta R.T. 0.04 min
Lab File: BF111430.D
Acq: 14 Dec 2018 20:30

Tgt Ion	Ratio	Lower	Upper
42	100		
74	108.2	101.5	152.3
44	6.8	6.0	9.0





#5

2-Fluorophenol

Concen: 106.586 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

Instrument :

BNA_F

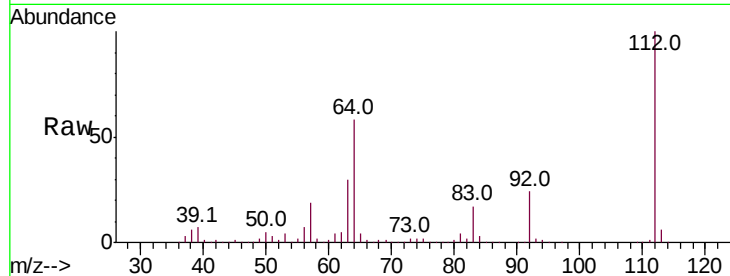
ClientSampled :

SB-06AMSD

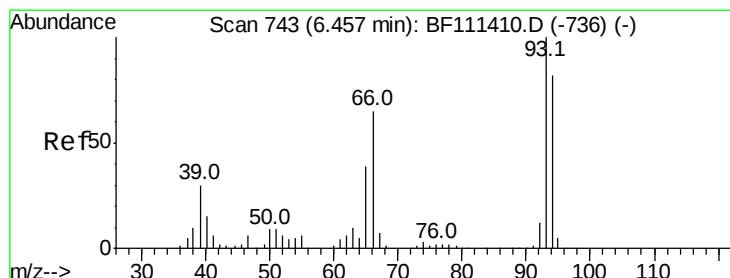
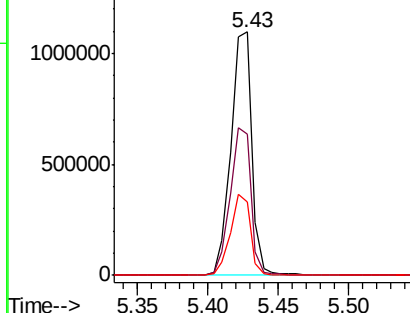
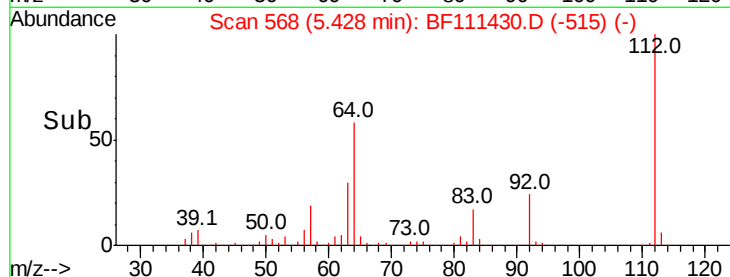
Tot Ion:	112	Resp:	1136518
Ion Ratio	Lower	Upper	
112	100		
64	57.8	51.8	77.6
63	30.2	26.8	40.2

Manual Integrations
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Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 10.894 ng

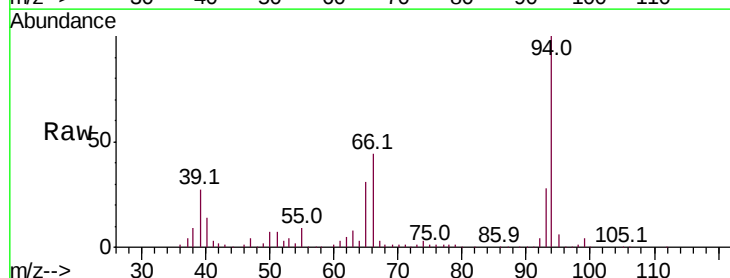
RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

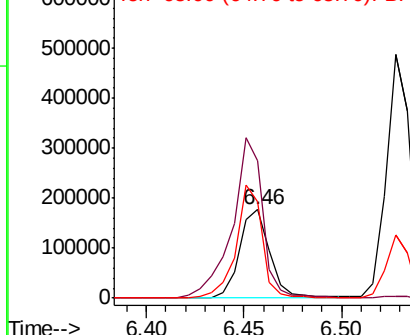
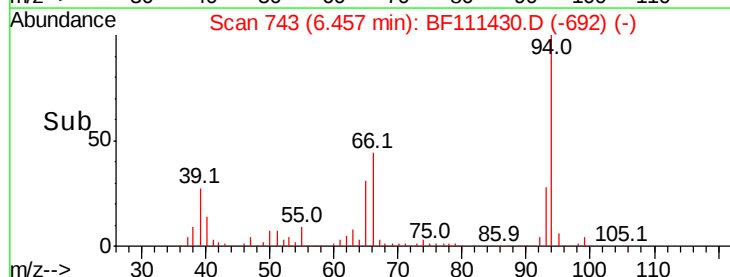
Lab File: BF111430.D

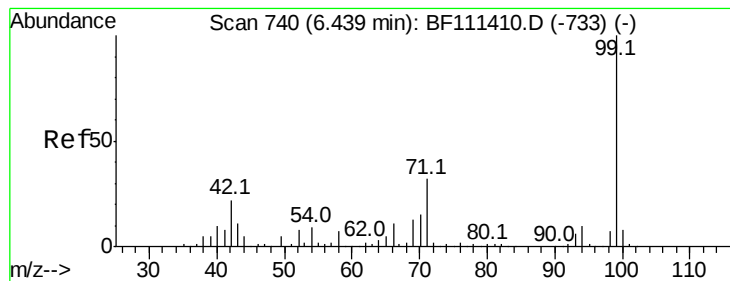
Acq: 14 Dec 2018 20:30

Tgt Ion:	93	Resp:	191662
Ion Ratio	Lower	Upper	
93	100		
66	155.1	33.2	49.8#
65	109.4	17.0	25.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 103.427 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

Instrument :

BNA_F

ClientSampleId :

SB-06AMSD

Tot Ion: 99 Resp: 1466953

Ion Ratio Lower Upper

99 100

42 22.4 17.4 26.0

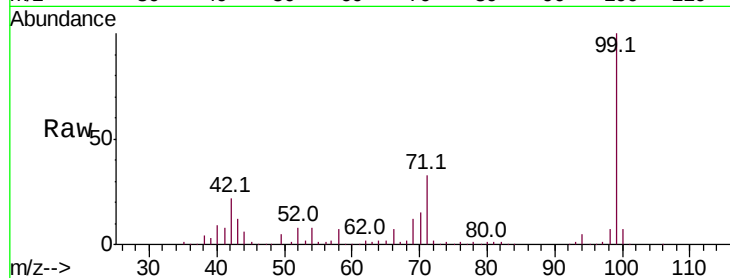
71 32.6 26.1 39.1

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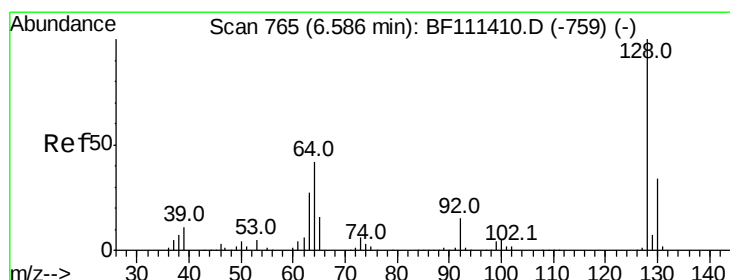
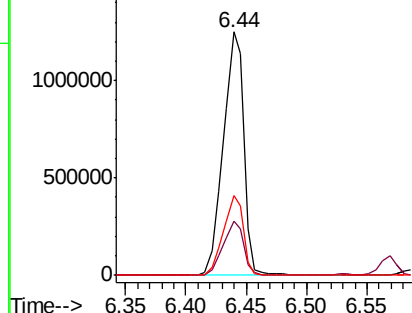
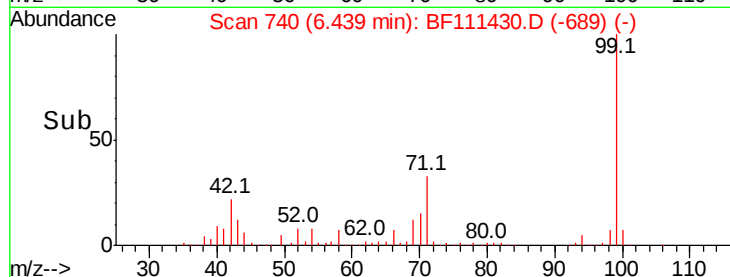
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 34.718 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

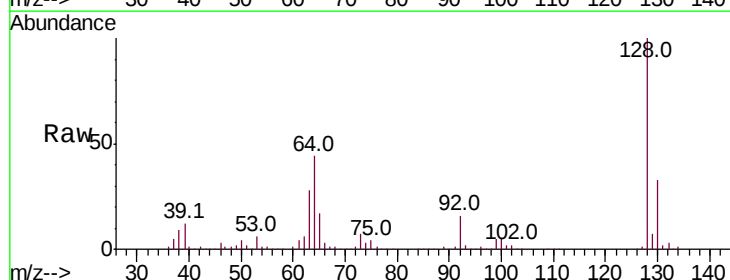
Tgt Ion:128 Resp: 442322

Ion Ratio Lower Upper

128 100

130 33.2 12.7 52.7

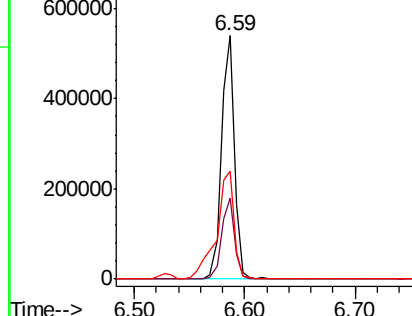
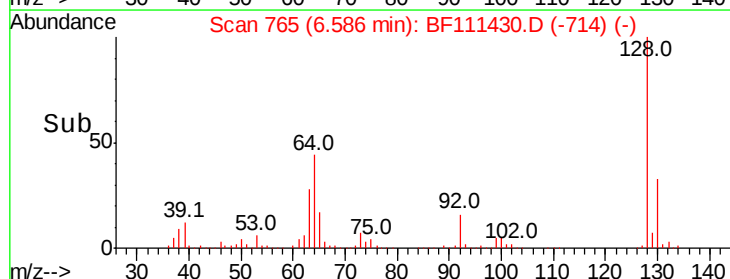
64 44.1 30.0 70.0

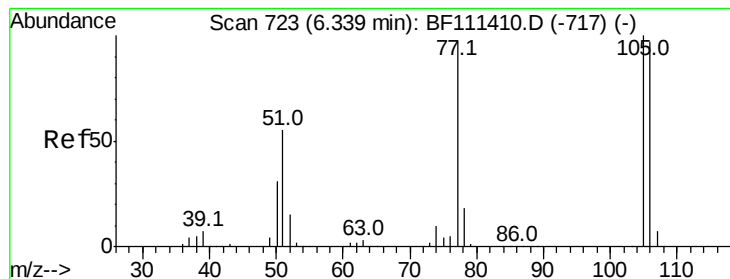


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 20.513 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

Instrument :

BNA_F

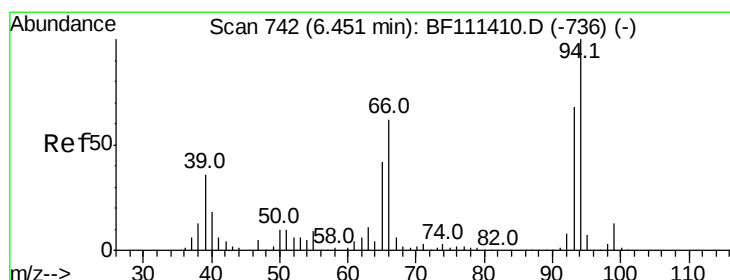
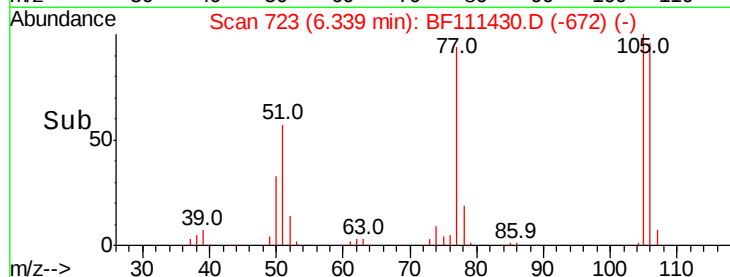
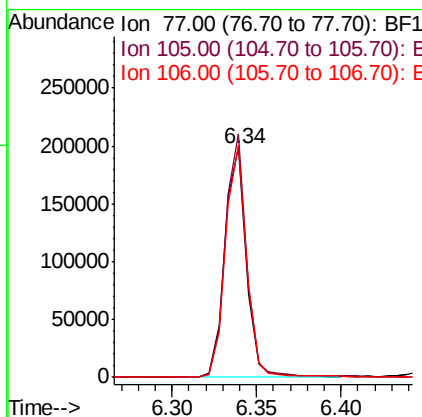
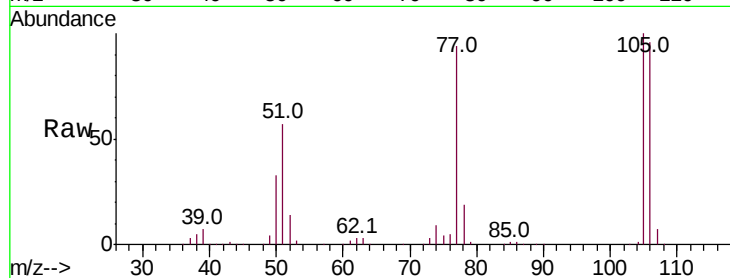
ClientSampleId :

SB-06AMSD

Tot Ion:	77	Resp:	176475
Ion	Ratio	Lower	Upper
77	100		
105	106.3	81.4	121.4
106	101.6	77.9	117.9

Manual Integrations
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#10

Phenol

Concen: 37.458 ng

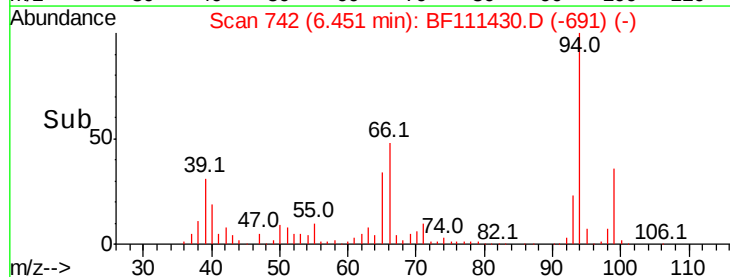
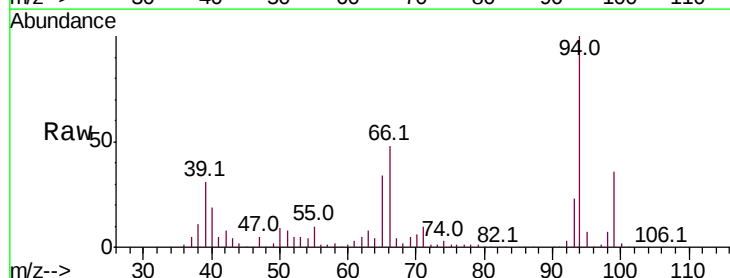
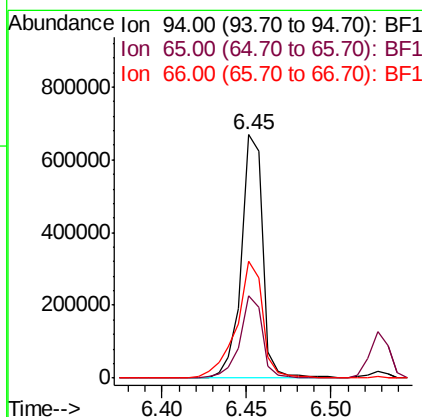
RT: 6.45 min Scan# 742

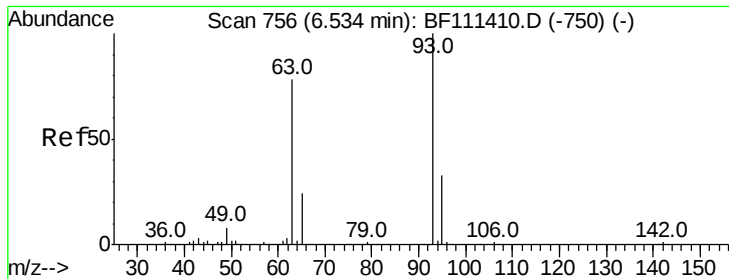
Delta R.T. -0.00 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

Tgt Ion:	94	Resp:	591844
Ion	Ratio	Lower	Upper
94	100		
65	33.9	11.7	51.7
66	48.1	21.0	61.0





#11

bis(2-Chloroethyl)ether

Concen: 32.987 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

Instrument :

BNA_F

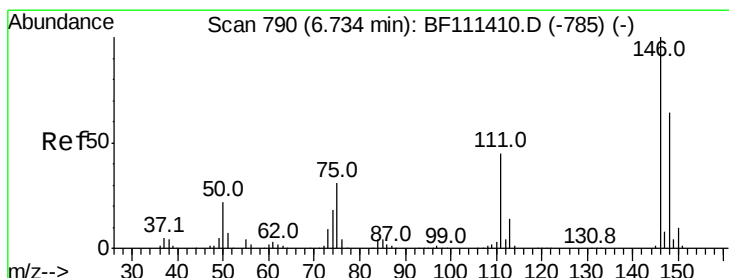
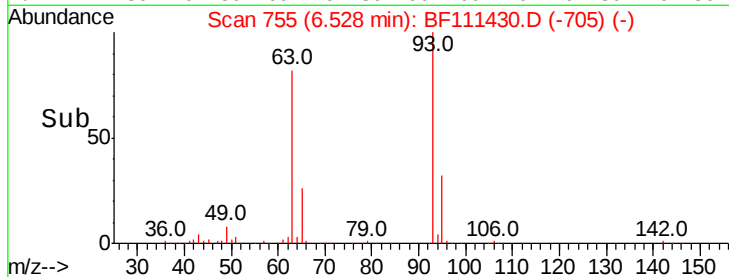
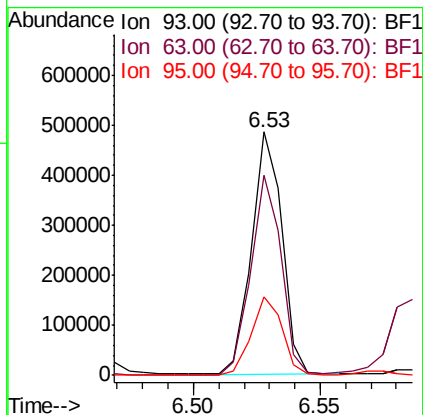
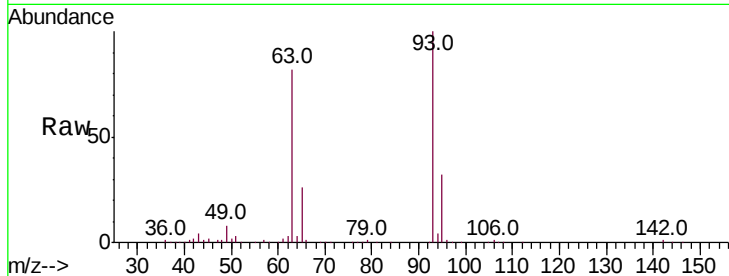
ClientSampleId :

SB-06AMSD

Tot Ion	93	Resp	408568
Ion Ratio	100	Lower	Upper
93	100		
63	82.1	60.0	100.0
95	32.4	13.4	53.4

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#12

1,3-Dichlorobenzene

Concen: 32.499 ng

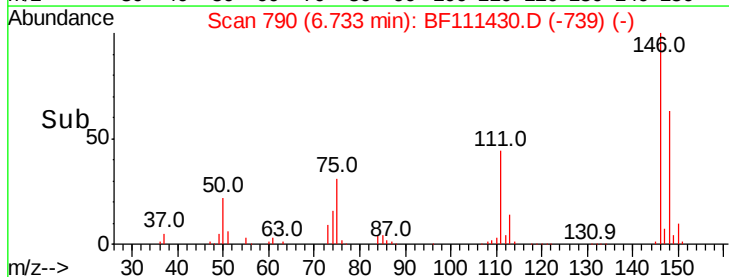
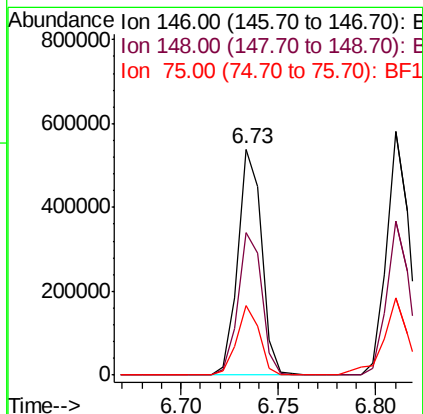
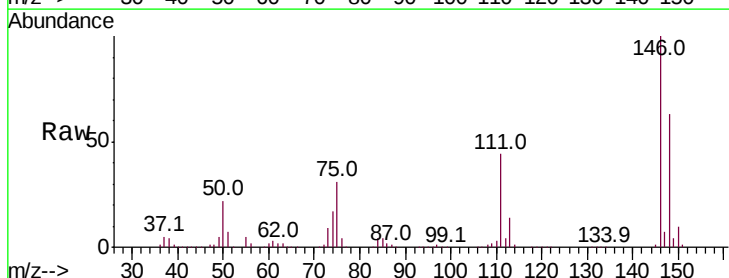
RT: 6.73 min Scan# 790

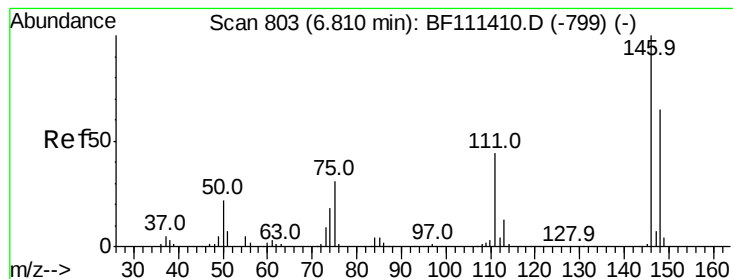
Delta R.T. -0.00 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

Tgt Ion	146	Resp	455787
Ion Ratio	100	Lower	Upper
146	100		
148	63.3	52.1	78.1
75	30.8	23.9	35.9





#13

1,4-Dichlorobenzene

Concen: 32.698 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

Instrument :

BNA_F

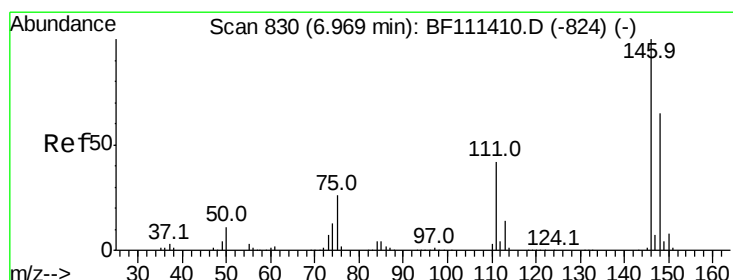
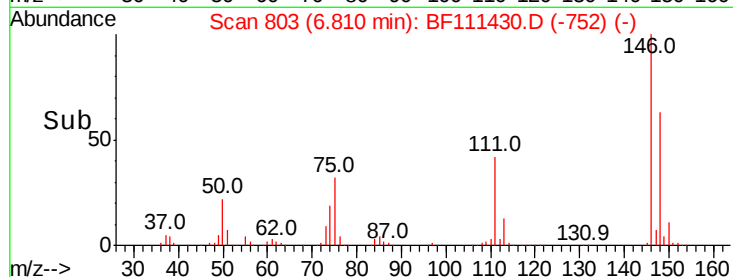
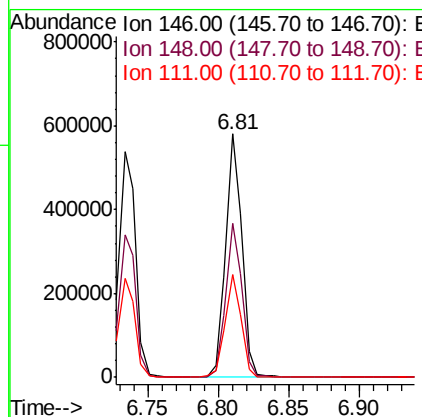
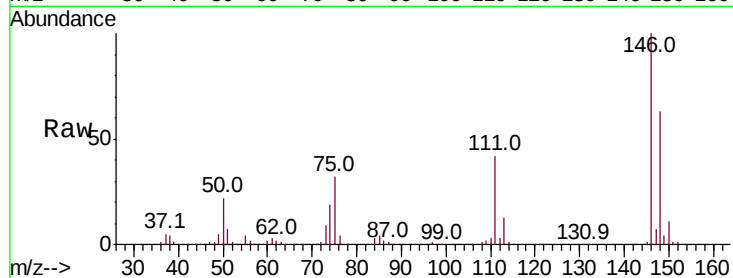
ClientSampled :

SB-06AMSD

Tot Ion:	146	Resp:	465467
Ion Ratio	Lower	Upper	
146	100		
148	63.3	52.8	79.2
111	42.1	33.4	50.0

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#14

1,2-Dichlorobenzene

Concen: 32.759 ng

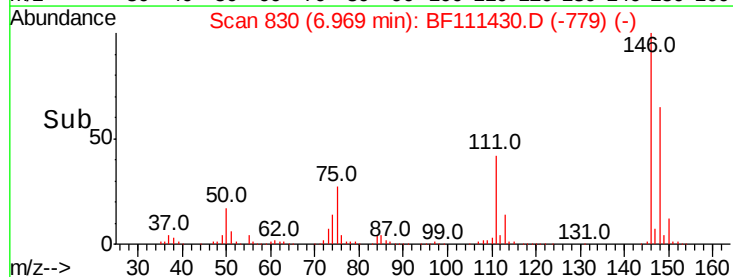
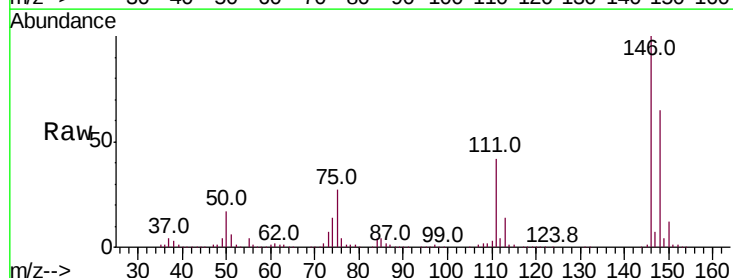
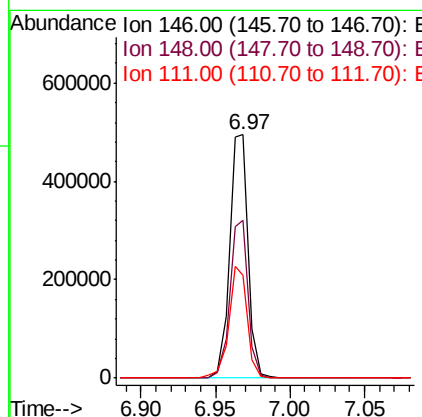
RT: 6.97 min Scan# 830

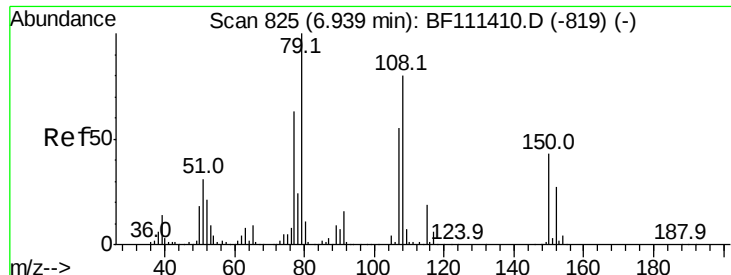
Delta R.T. -0.00 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

Tgt Ion:	146	Resp:	438710
Ion Ratio	Lower	Upper	
146	100		
148	64.8	51.9	77.9
111	42.2	36.2	54.4





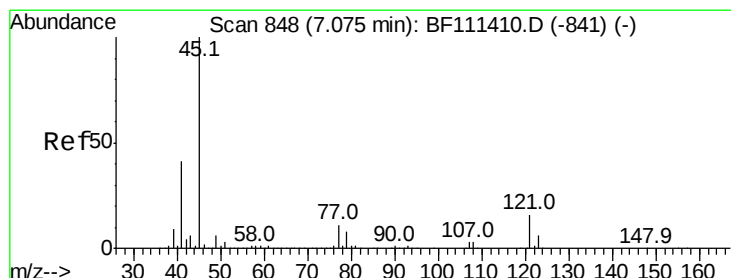
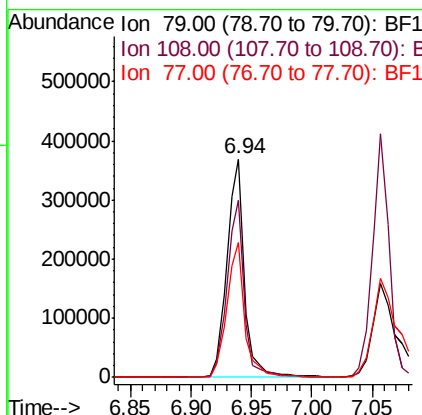
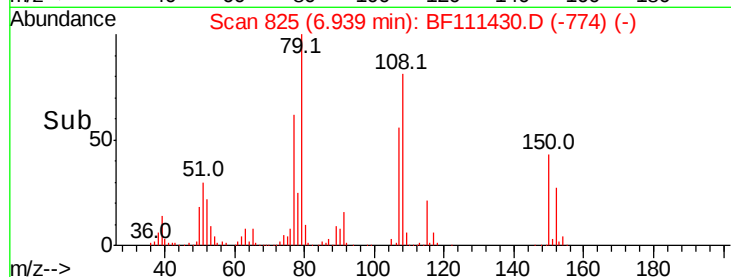
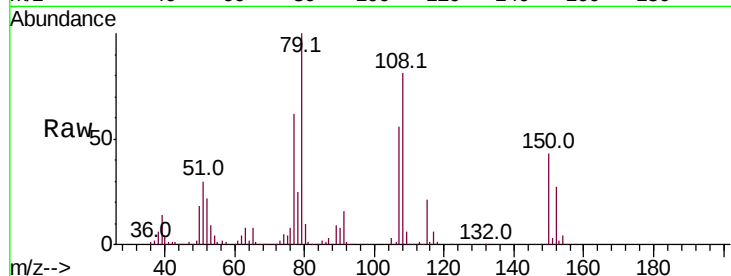
#15
Benzyl Alcohol
Concen: 34.257 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.00 min
Lab File: BF111430.D
Acq: 14 Dec 2018 20:30

Instrument :
BNA_F
ClientSampled :
SB-06AMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.2	69.4	104.2
77	62.0	49.7	74.5

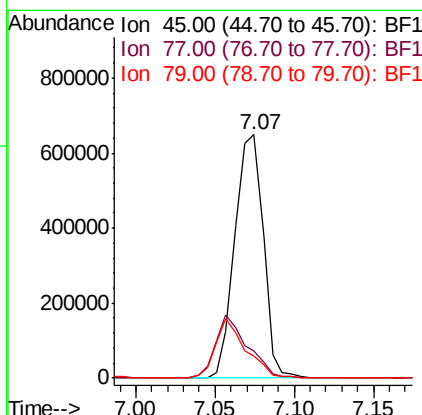
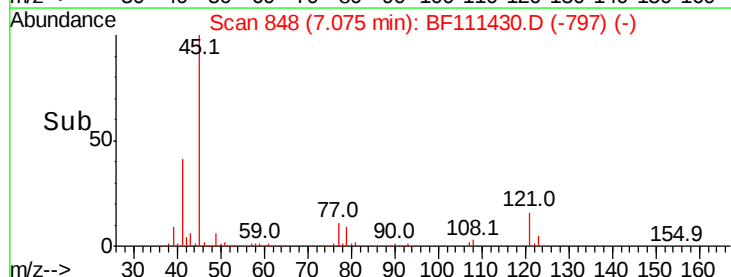
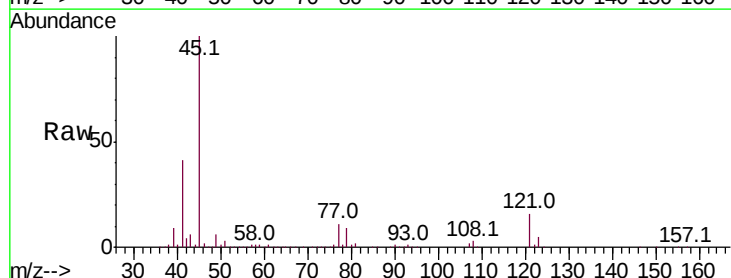
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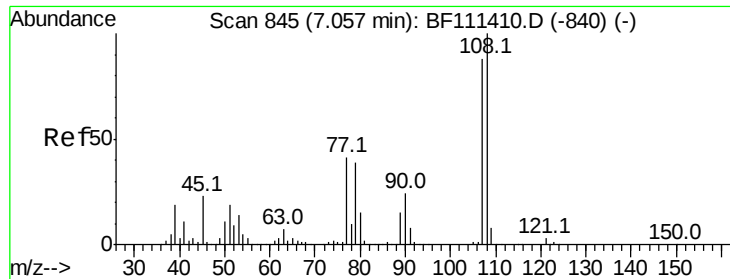
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.497 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.00 min
Lab File: BF111430.D
Acq: 14 Dec 2018 20:30

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.1	0.0	31.5
79	8.9	0.0	28.9





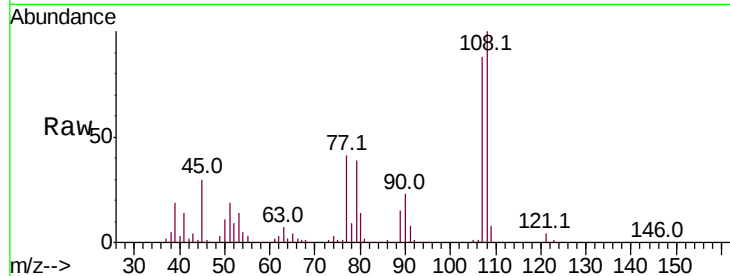
#17
2-Methylphenol
Concen: 34.101 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BF111430.D
Acq: 14 Dec 2018 20:30

Instrument :
BNA_F
ClientSampleId :
SB-06AMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	349657		
108	114.2	91.0	136.4	
77	46.3	33.5	50.3	
79	44.0	33.3	49.9	

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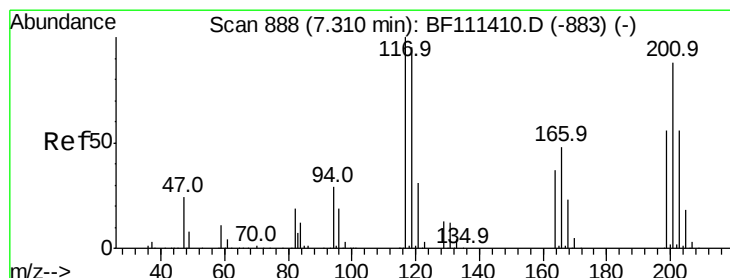
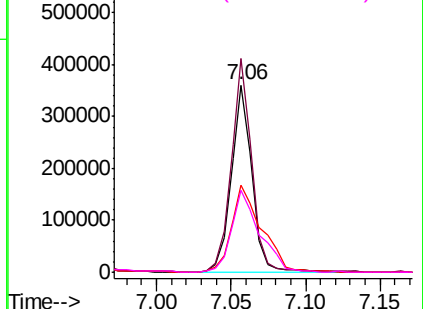
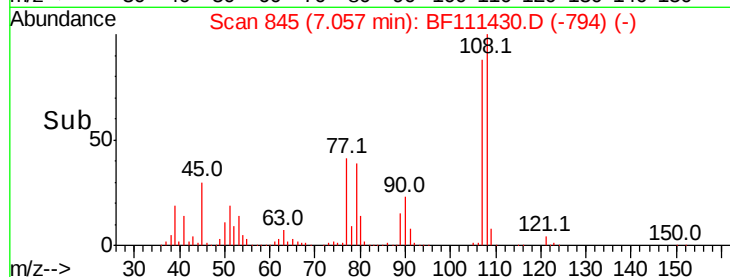
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

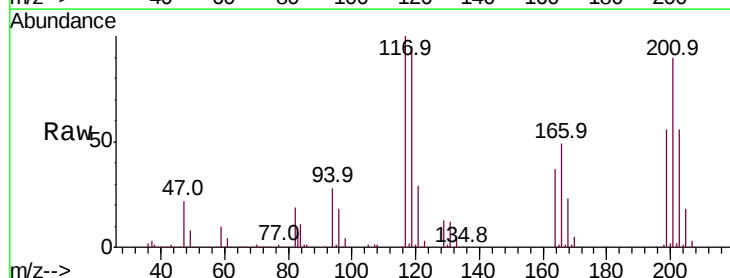
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 30.474 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF111430.D
Acq: 14 Dec 2018 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	161444		
119	95.1	75.4	113.0	
201	89.8	62.4	93.6	

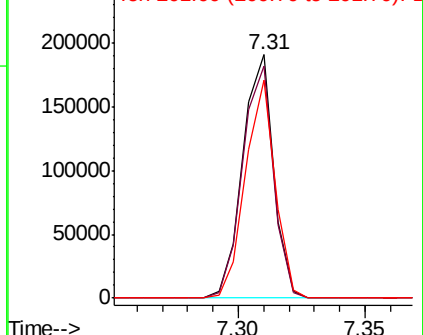
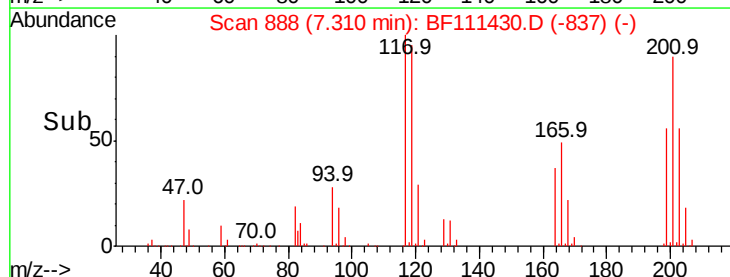


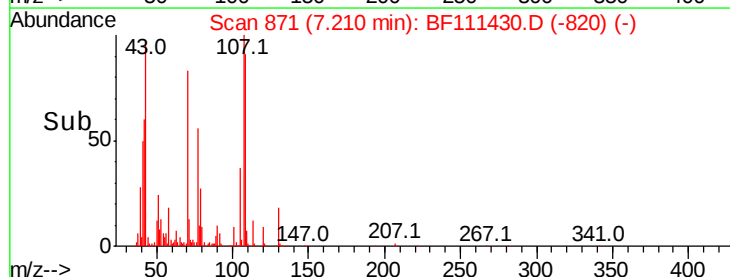
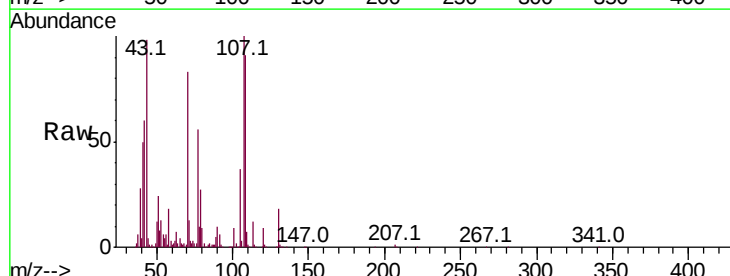
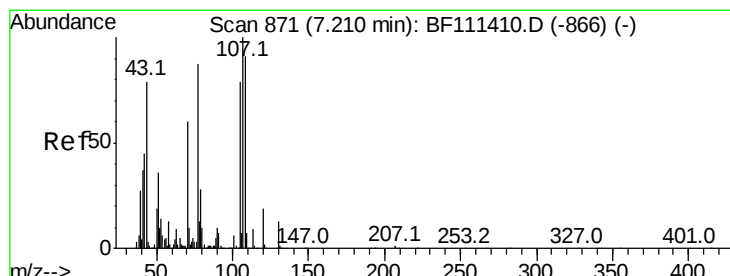
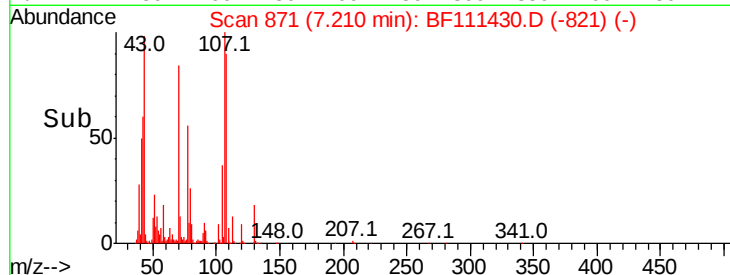
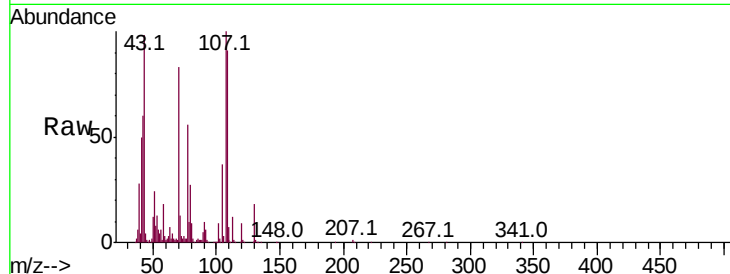
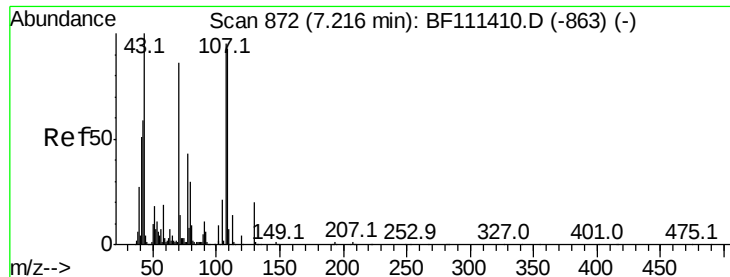
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





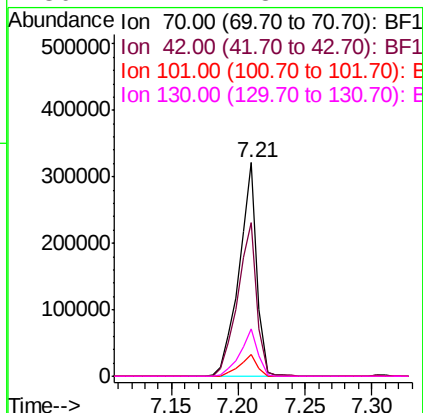
#19
n-Nitroso-di-n-propylamine
Concen: 32.034 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF111430.D
Acq: 14 Dec 2018 20:30

Instrument :
BNA_F
ClientSampled :
SB-06AMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	71.9	53.2	79.8
101	10.2	8.2	12.4
130	22.1	18.1	27.1

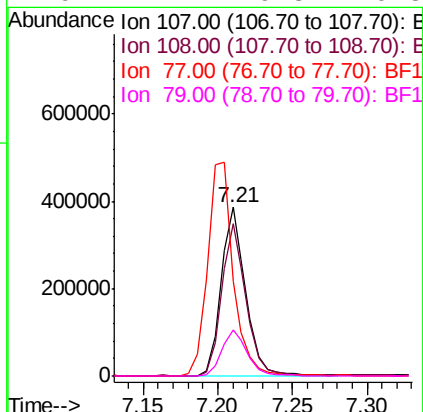
Manual Integrations
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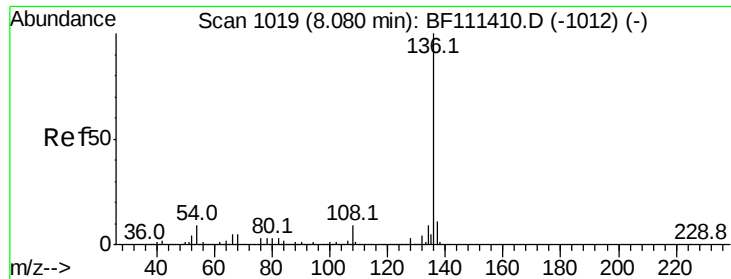
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#20
3+4-Methylphenols
Concen: 34.486 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF111430.D
Acq: 14 Dec 2018 20:30

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.5	72.1	112.1
77	56.4	94.1	134.1#
79	27.1	9.8	49.8





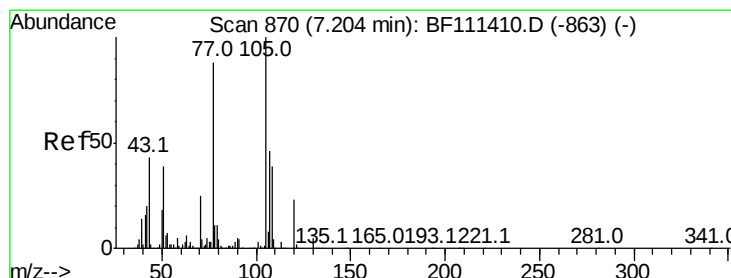
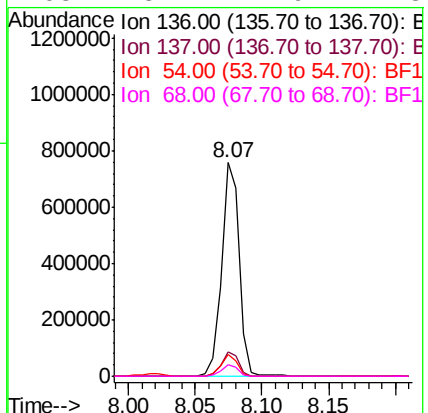
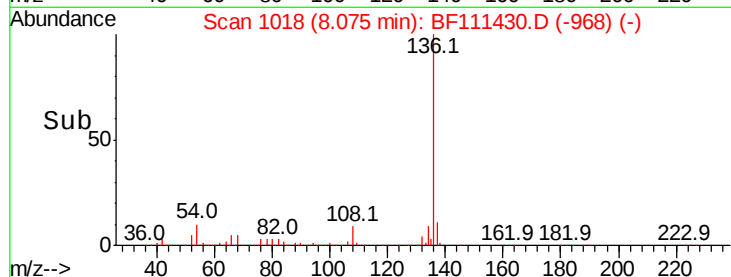
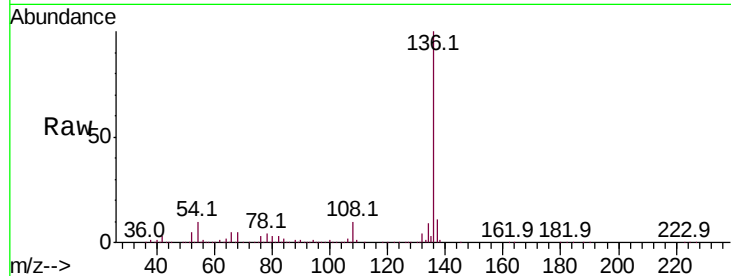
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111430.D
Acq: 14 Dec 2018 20:30

Instrument :
BNA_F
ClientSampleId :
SB-06AMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	9.1	13.7	
54	10.3	7.7	11.5	
68	5.2	4.9	7.3	

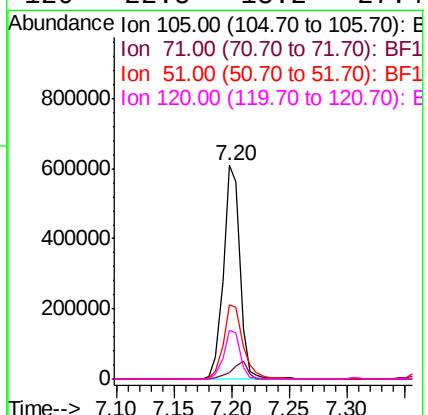
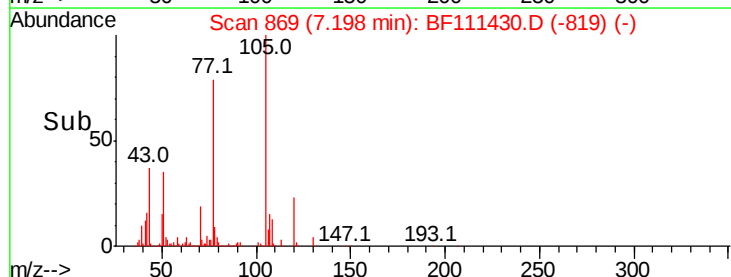
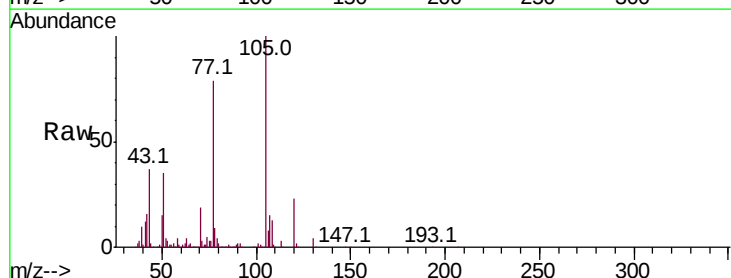
Manual Integrations
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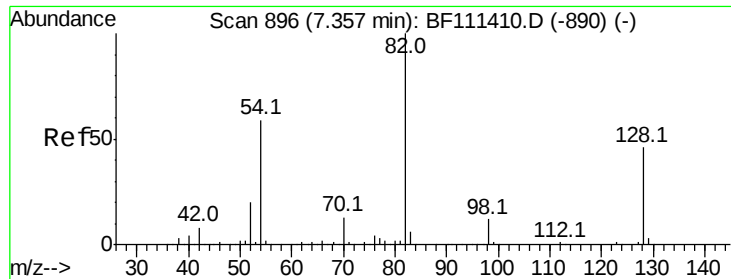
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#22
Acetophenone
Concen: 38.613 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF111430.D
Acq: 14 Dec 2018 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.1	3.1	4.7#	
51	35.1	36.6	54.8#	
120	22.5	18.2	27.4	





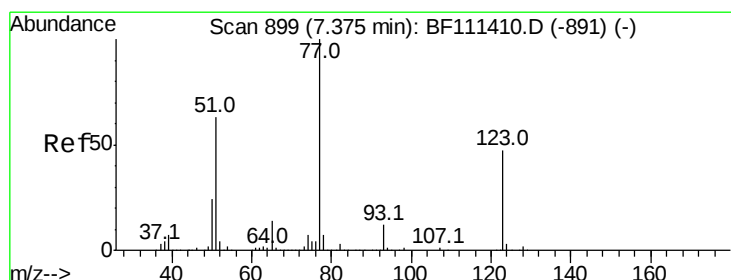
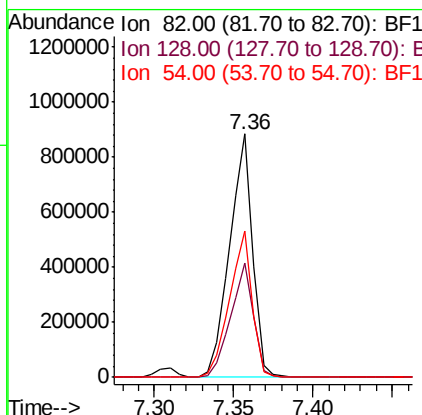
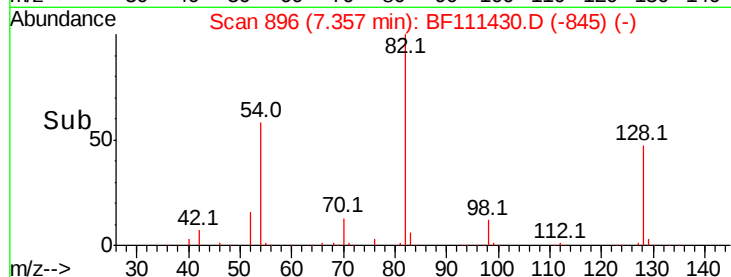
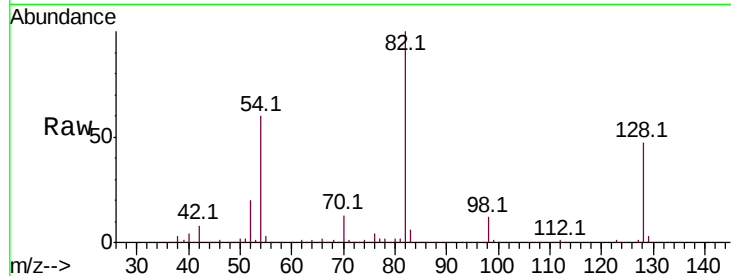
#23
 Nitrobenzene-d5
 Concen: 75.142 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.00 min
 Lab File: BF111430.D
 Acq: 14 Dec 2018 20:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-06AMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.9	37.4	56.2
54	59.9	47.6	71.4

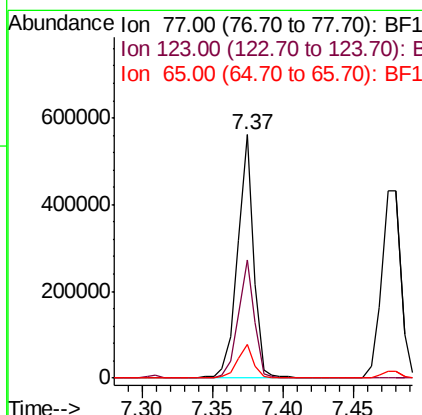
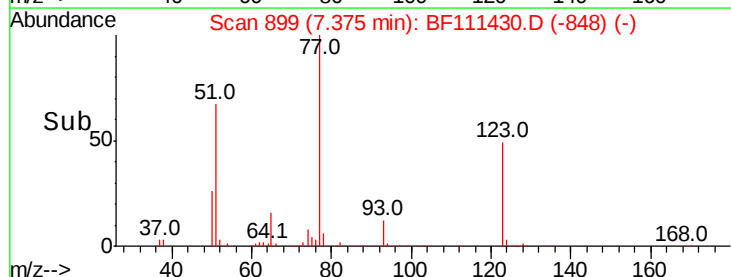
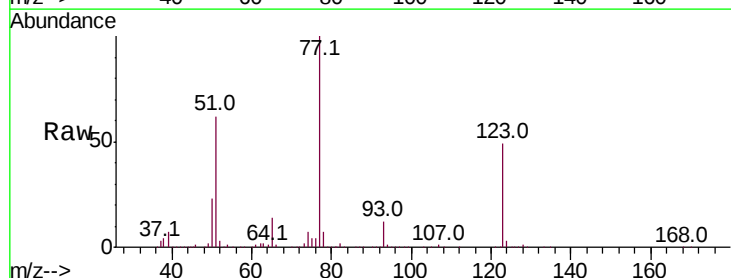
Manual Integrations
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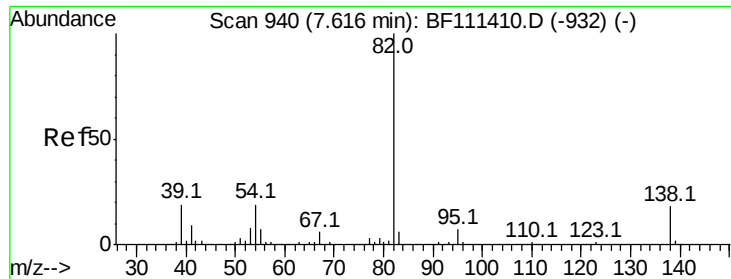
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#24
 Nitrobenzene
 Concen: 36.483 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: BF111430.D
 Acq: 14 Dec 2018 20:30

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.6	37.2	55.8
65	13.9	11.5	17.3





#25

Isophorone

Concen: 39.870 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

Instrument :

BNA_F

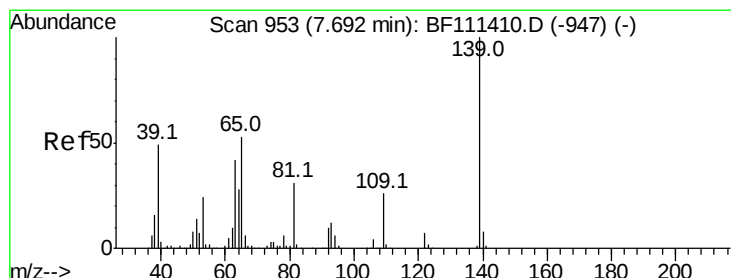
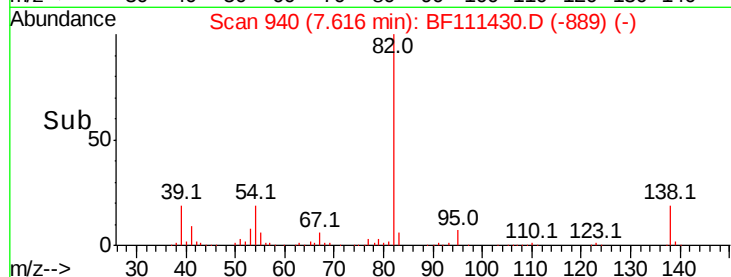
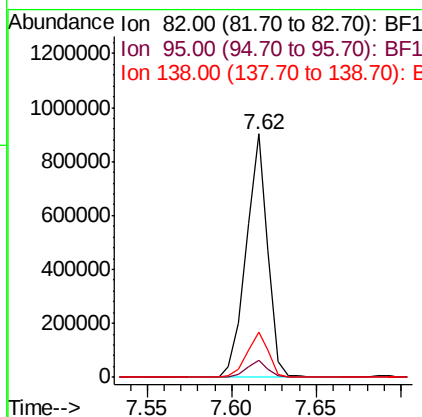
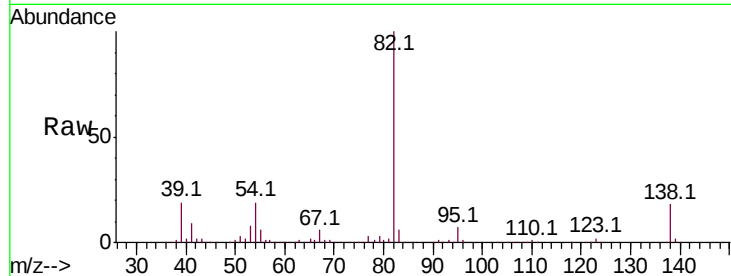
ClientSampleId :

SB-06AMSD

Tot Ion:	82	Resp:	798177
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.4	8.2
138	18.5	15.1	22.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 35.243 ng

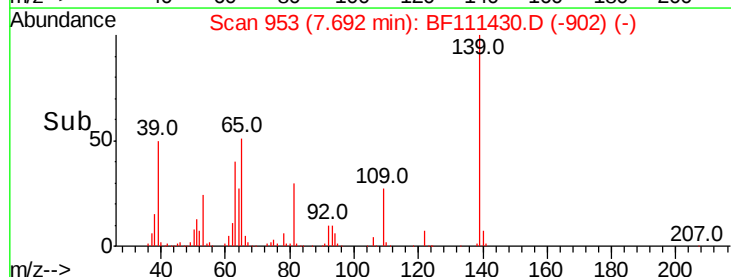
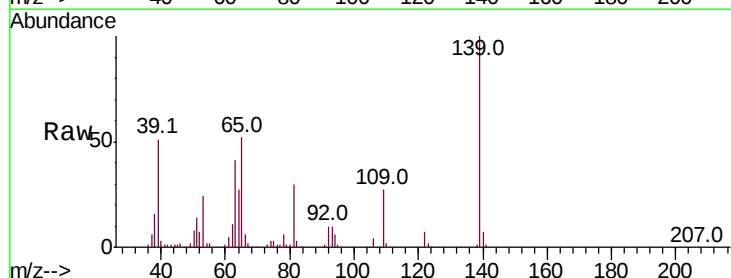
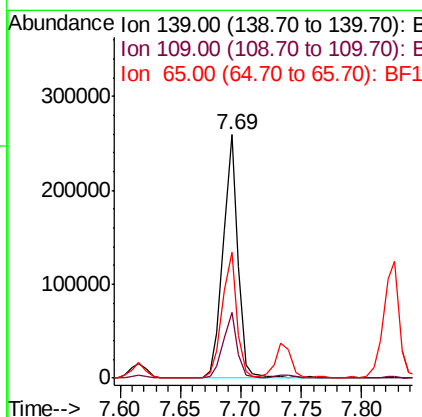
RT: 7.69 min Scan# 953

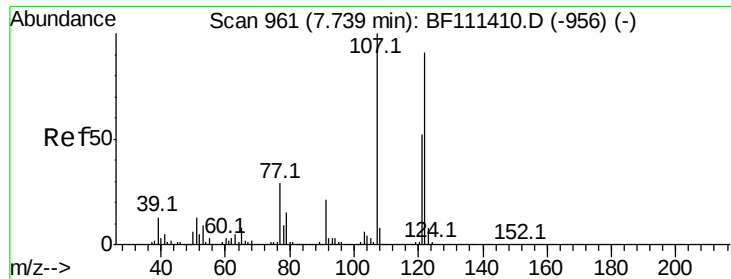
Delta R.T. -0.00 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

Tgt Ion:	139	Resp:	220597
Ion Ratio	Lower	Upper	
139	100		
109	26.8	20.2	30.4
65	51.7	40.7	61.1





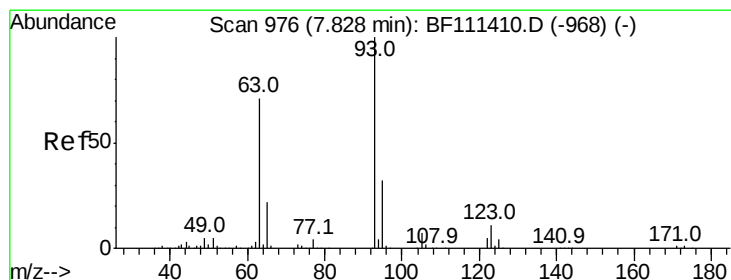
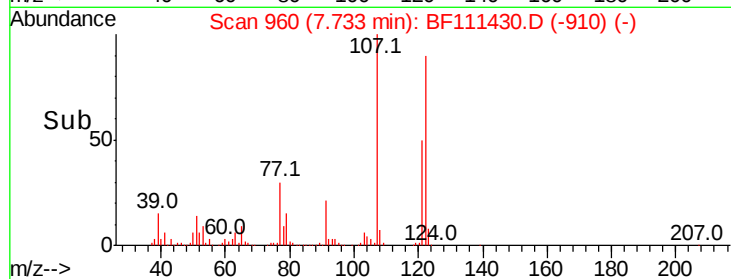
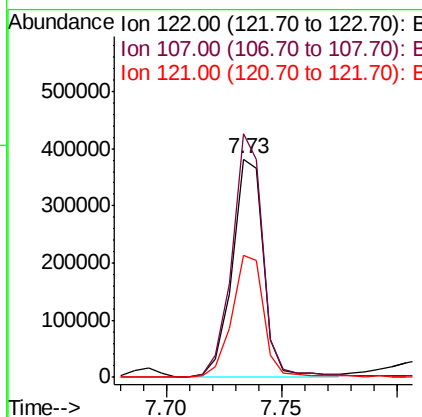
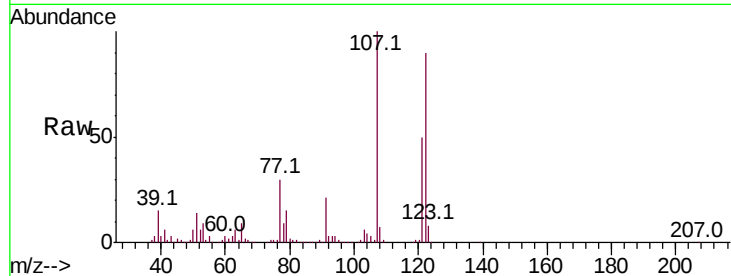
#27
 2,4-Dimethylphenol
 Concen: 39.993 ng
 RT: 7.73 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF111430.D
 Acq: 14 Dec 2018 20:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-06AMSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	362910		
107	111.6	85.5	128.3	
121	56.1	46.6	70.0	

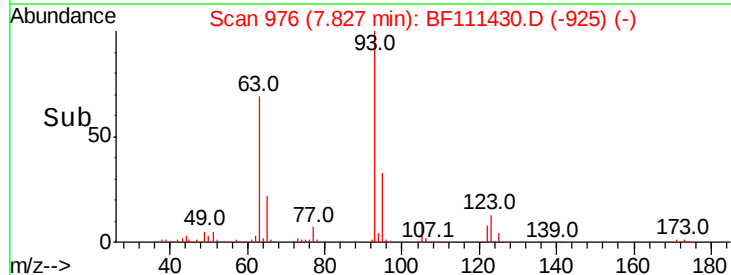
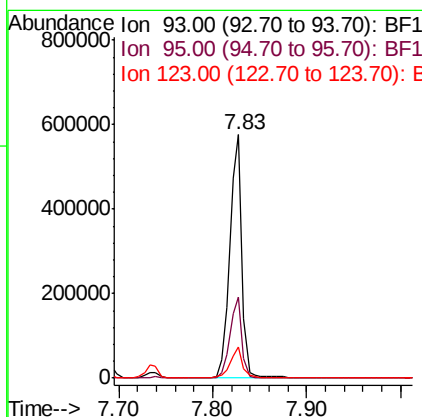
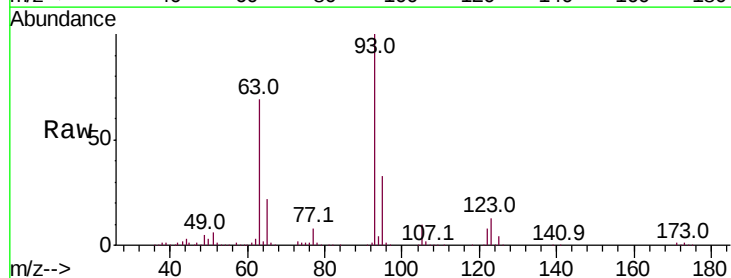
Manual Integrations
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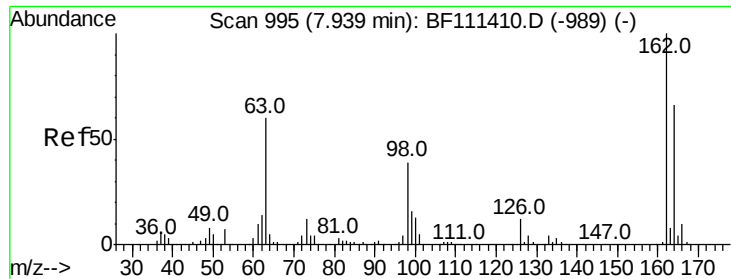
Sohil
 12/17/2018 2:36:44 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.323 ng
 RT: 7.83 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: BF111430.D
 Acq: 14 Dec 2018 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	515817		
95	33.5	27.1	40.7	
123	12.8	9.9	14.9	





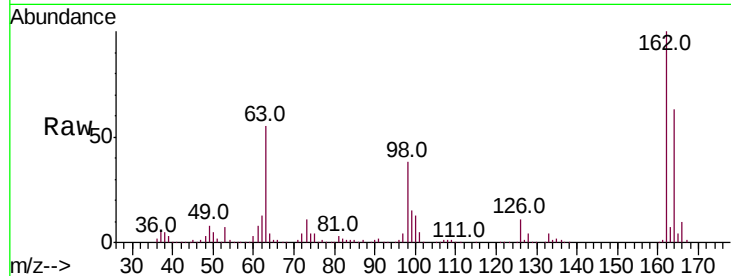
#29
2,4-Dichlorophenol
Concen: 36.021 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF111430.D
Acq: 14 Dec 2018 20:30

Instrument :
BNA_F
ClientSampleId :
SB-06AMSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.4	44.4	84.4
98	37.6	20.3	60.3

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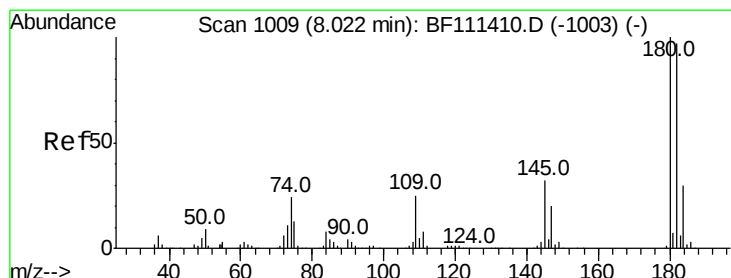
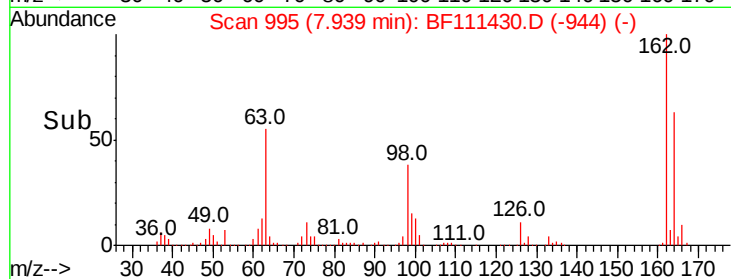
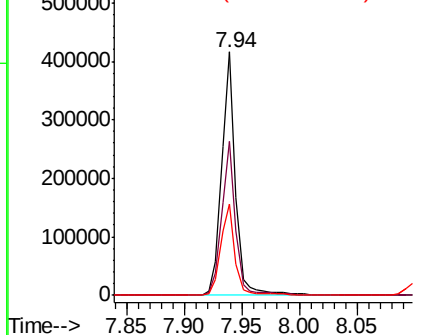


Abundance

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: 35.072 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF111430.D
Acq: 14 Dec 2018 20:30

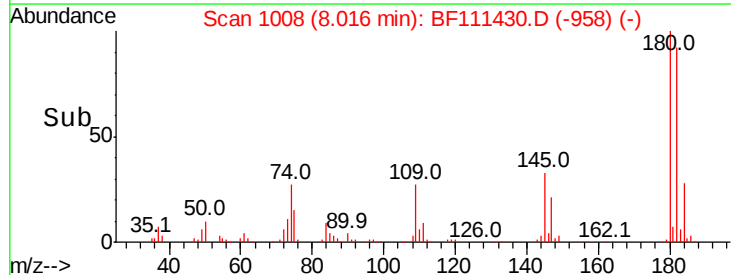
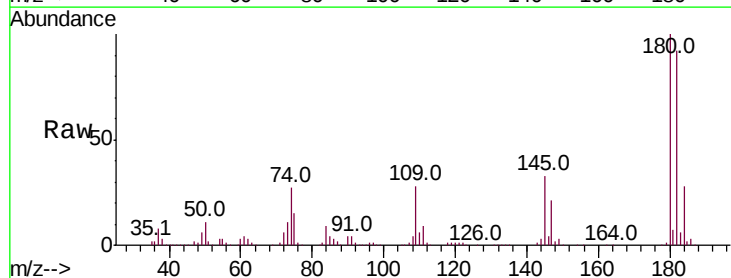
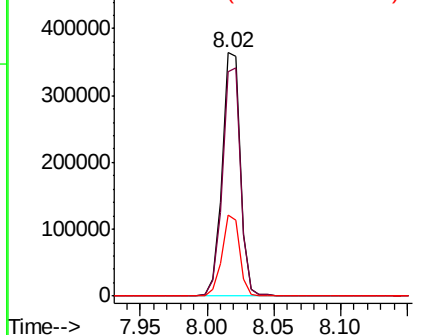
Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	92.4	75.6	113.4
145	33.4	26.7	40.1

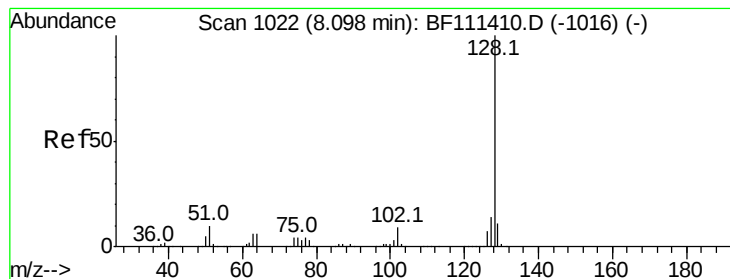
Abundance

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: 38.267 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

Instrument :

BNA_F

ClientSampleId :

SB-06AMSD

Tot Ion:128 Resp: 1261060

Ion Ratio Lower Upper

128 100

129 11.5 9.8 14.8

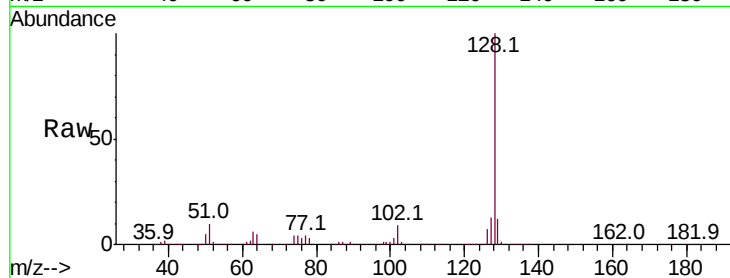
127 13.1 12.0 18.0

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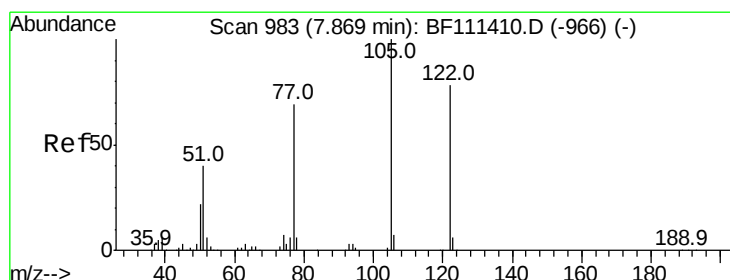
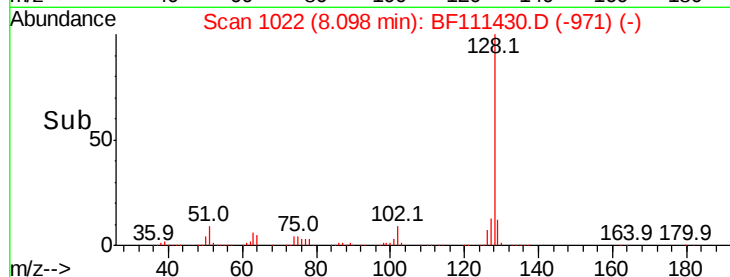
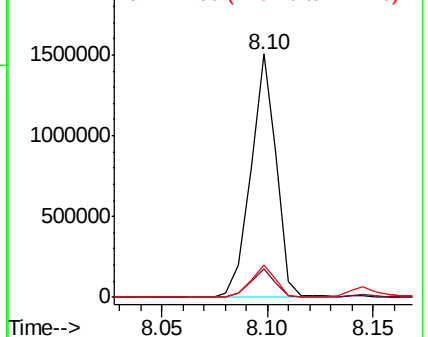


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 21.066 ng m

RT: 7.84 min Scan# 978

Delta R.T. -0.03 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

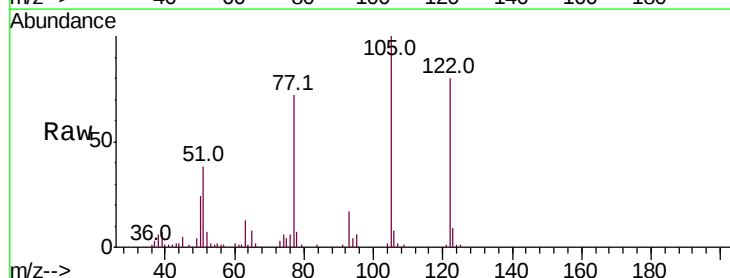
Tgt Ion:122 Resp: 165189

Ion Ratio Lower Upper

122 100

105 124.6 97.0 137.0

77 89.6 65.7 105.7

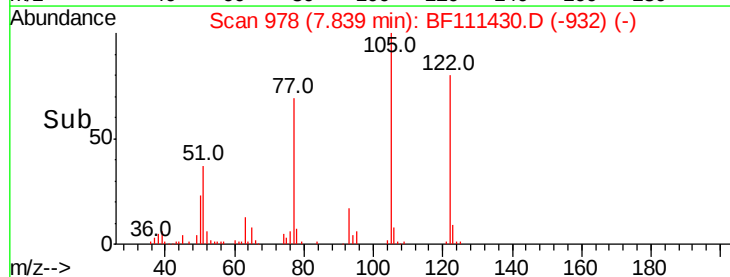
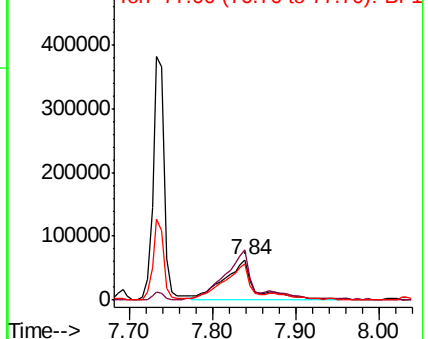


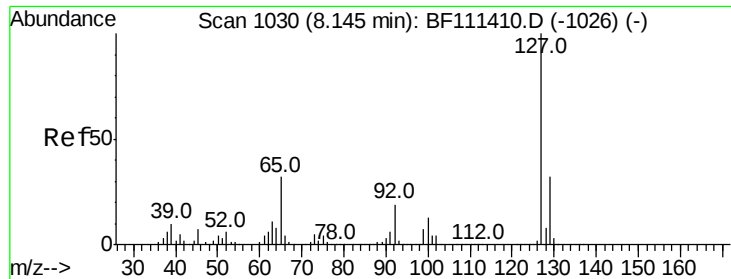
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





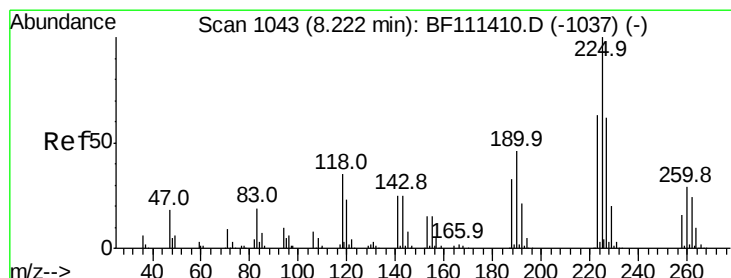
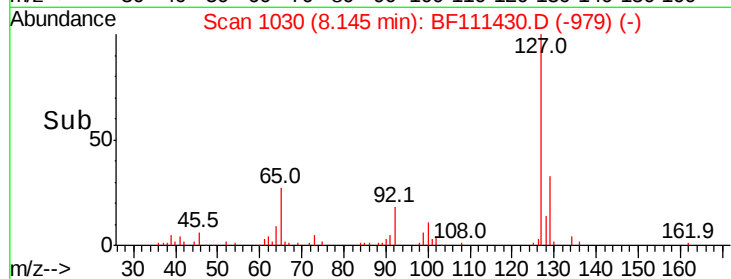
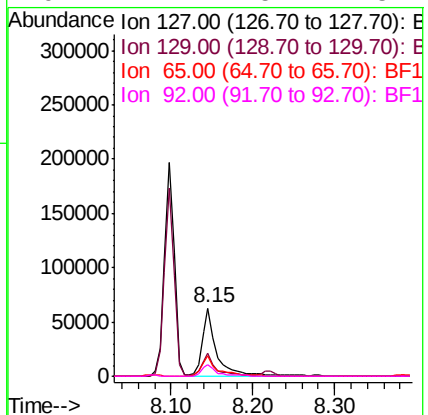
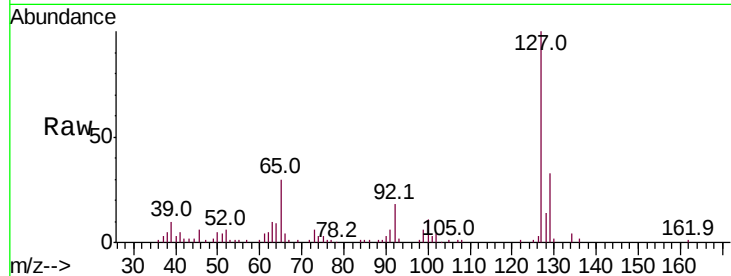
#33
4-Chloroaniline
Concen: 5.431 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF111430.D
Acq: 14 Dec 2018 20:30

Instrument :
BNA_F
ClientSampleId :
SB-06AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		79590		
129	33.2	26.6	39.8		
65	30.3	25.7	38.5		
92	17.7	15.4	23.2		

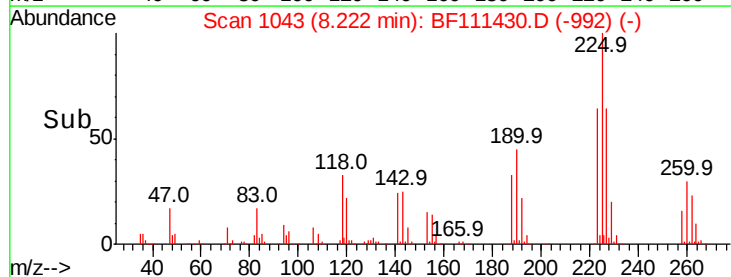
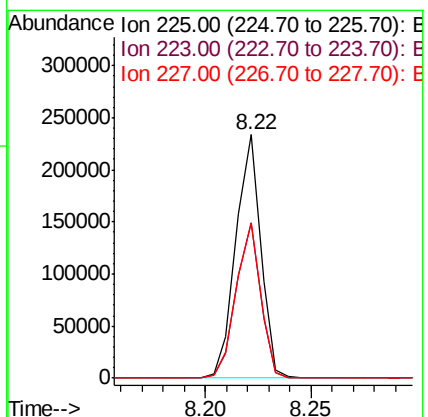
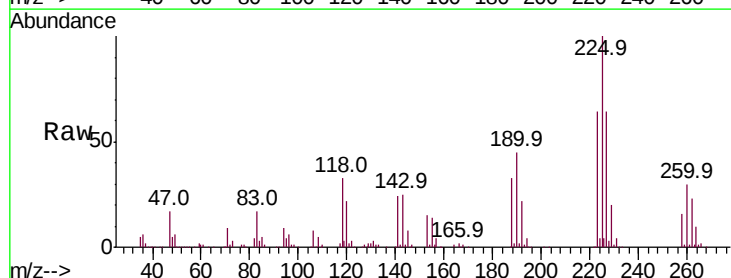
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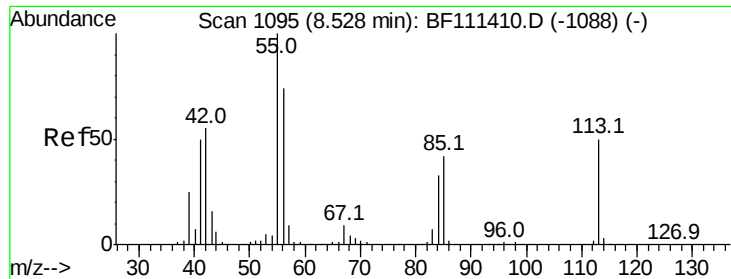
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#34
Hexachlorobutadiene
Concen: 33.977 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF111430.D
Acq: 14 Dec 2018 20:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		189824		
223	63.8	50.7	76.1		
227	63.7	52.6	78.8		





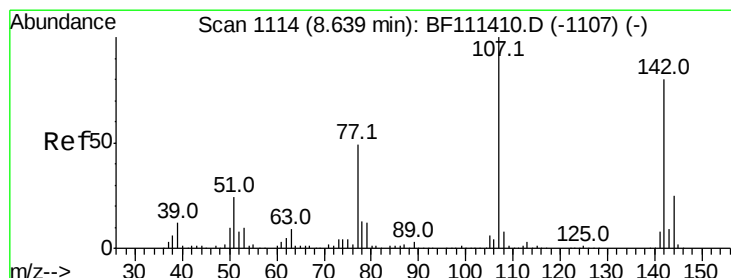
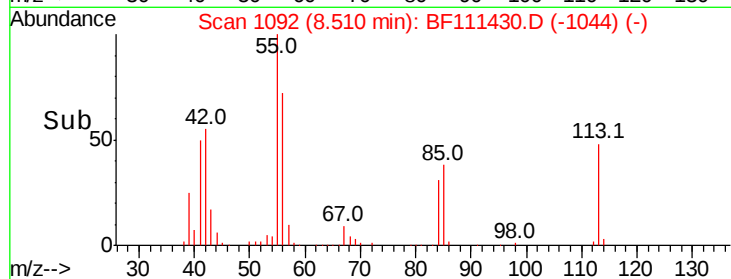
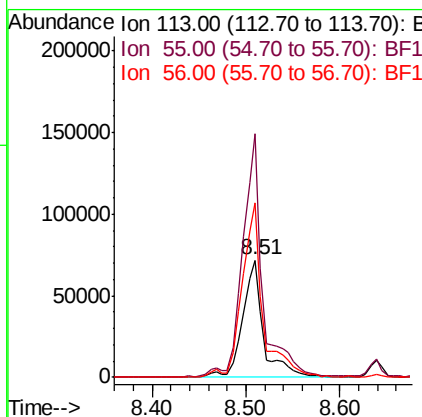
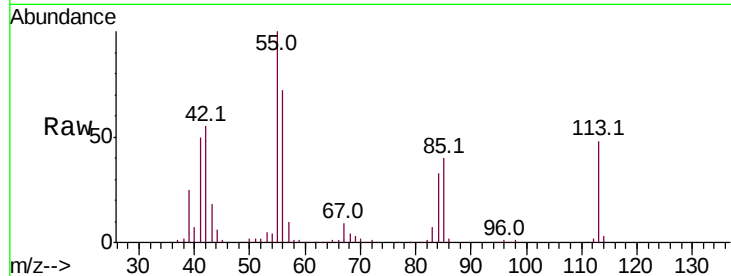
#35
Caprolactam
Concen: 30.761 ng
RT: 8.51 min Scan# 1092
Delta R.T. -0.02 min
Lab File: BF111430.D
Acq: 14 Dec 2018 20:30

Instrument :
BNA_F
ClientSampleId :
SB-06AMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	207.2	184.1	224.1
56	148.6	126.0	166.0

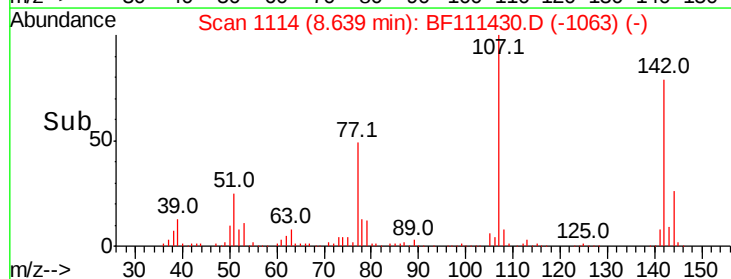
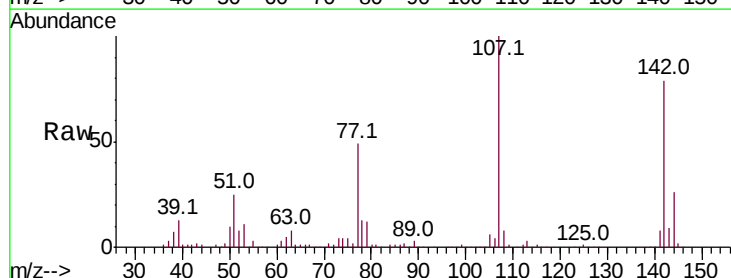
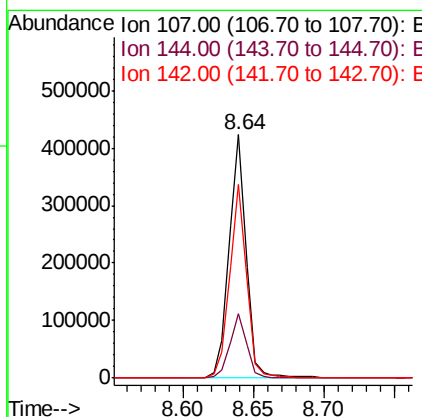
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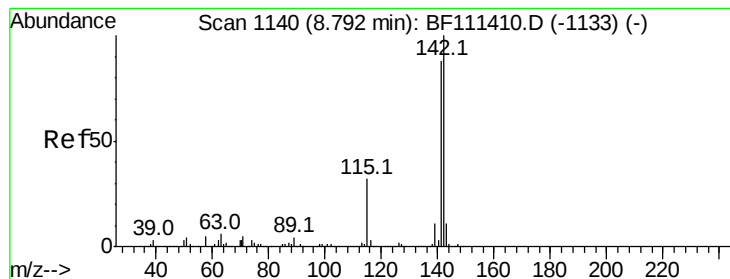
Sohil
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#36
4-Chloro-3-methylphenol
Concen: 33.695 ng
RT: 8.64 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BF111430.D
Acq: 14 Dec 2018 20:30

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.3	19.8	29.6
142	79.4	62.3	93.5





#37

2-Methylnaphthalene

Concen: 37.385 ng

RT: 8.79 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

Instrument :

BNA_F

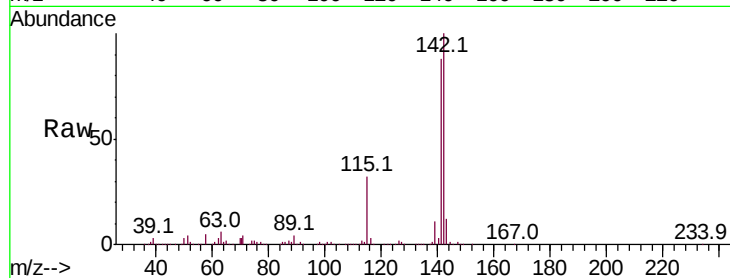
ClientSampleId :

SB-06AMSD

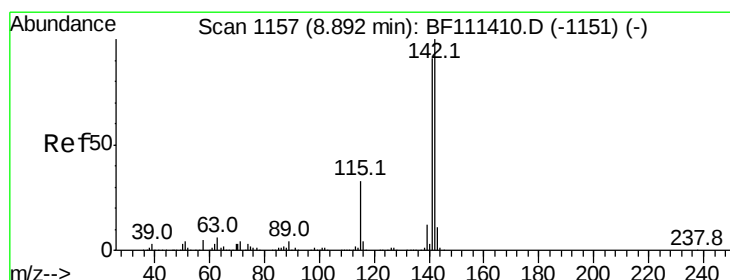
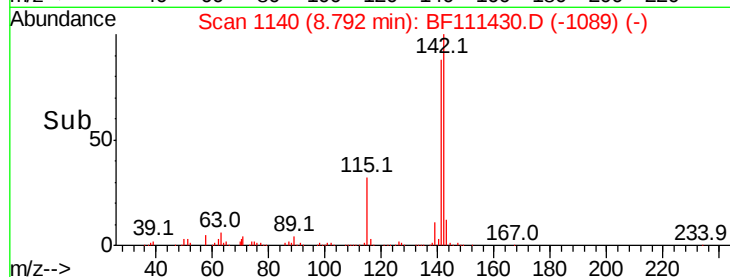
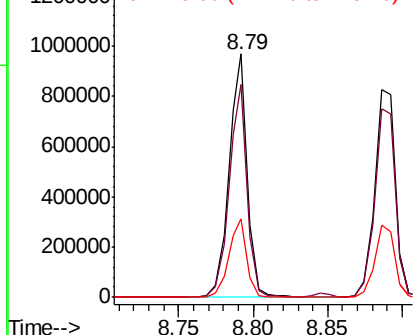
Tot Ion:	142	Resp:	833661
Ion Ratio	Lower	Upper	
142	100		
141	87.6	70.6	105.8
115	32.5	27.0	40.6

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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: 36.005 ng

RT: 8.89 min Scan# 1156

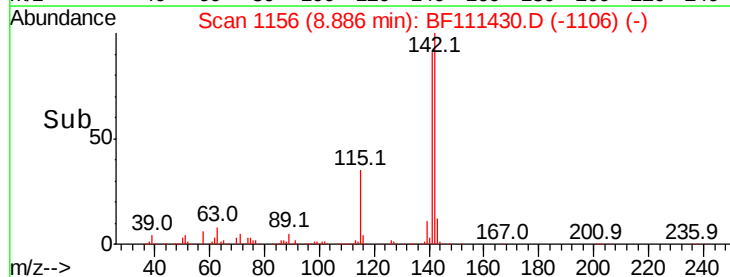
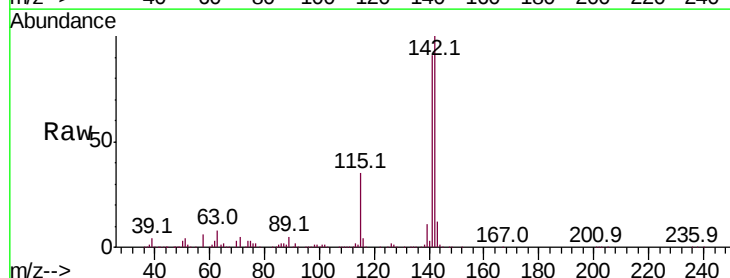
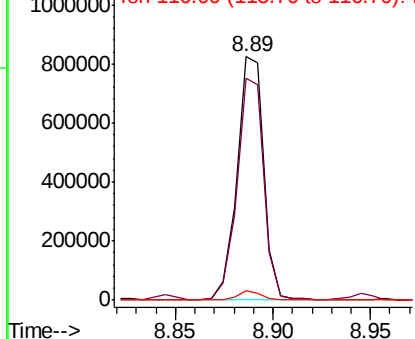
Delta R.T. -0.01 min

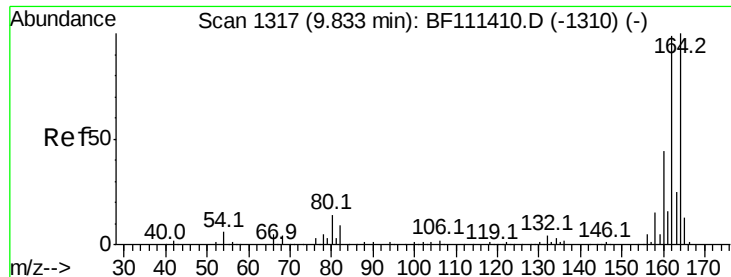
Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

Tgt Ion:	142	Resp:	775654
Ion Ratio	Lower	Upper	
142	100		
141	91.1	74.2	111.4
116	3.8	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





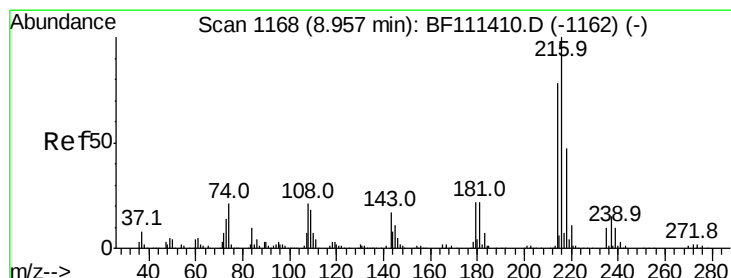
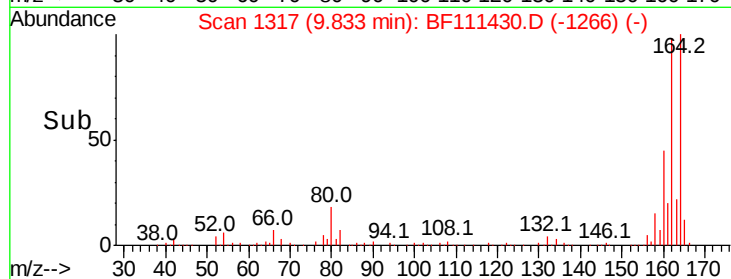
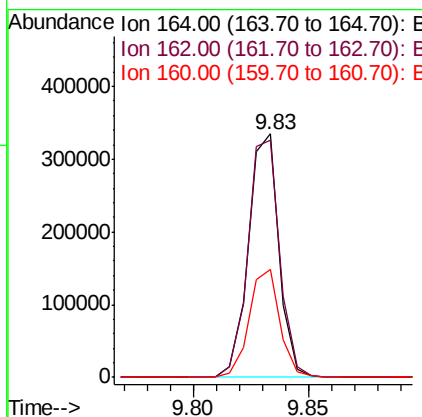
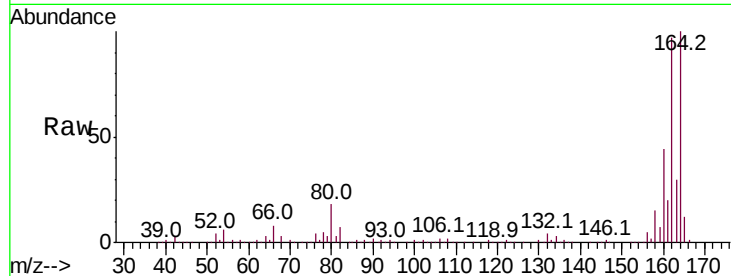
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF111430.D
Acq: 14 Dec 2018 20:30

Instrument :
BNA_F
ClientSampleId :
SB-06AMSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	97.4	81.4	122.0	
160	44.4	35.7	53.5	

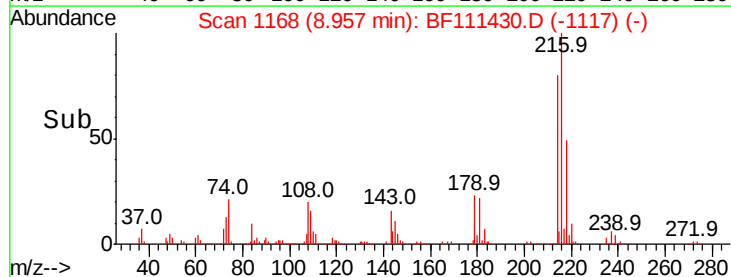
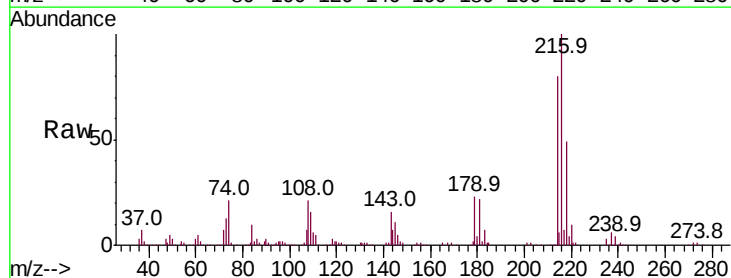
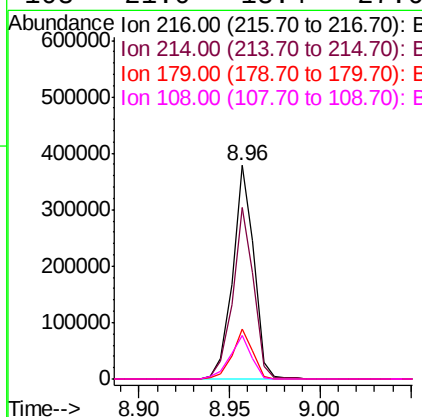
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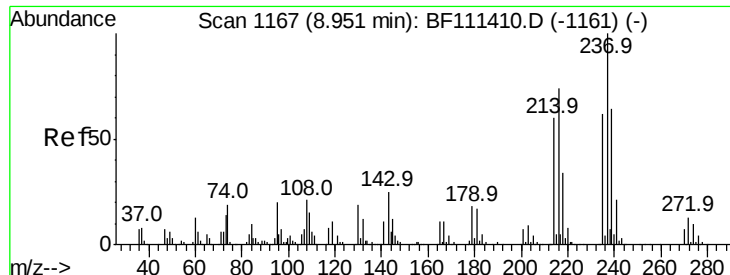
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.342 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BF111430.D
Acq: 14 Dec 2018 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.5	63.8	95.8	
179	22.5	17.9	26.9	
108	21.0	18.4	27.6	





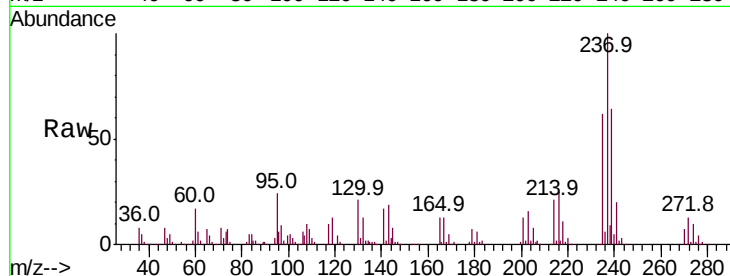
#41
Hexachlorocyclopentadiene
Concen: 28.859 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF111430.D
Acq: 14 Dec 2018 20:30

Instrument :
BNA_F
ClientSampleId :
SB-06AMSD

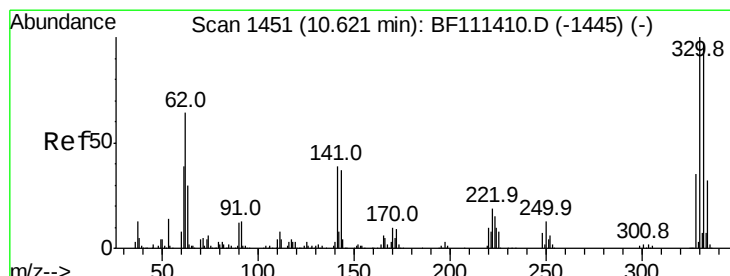
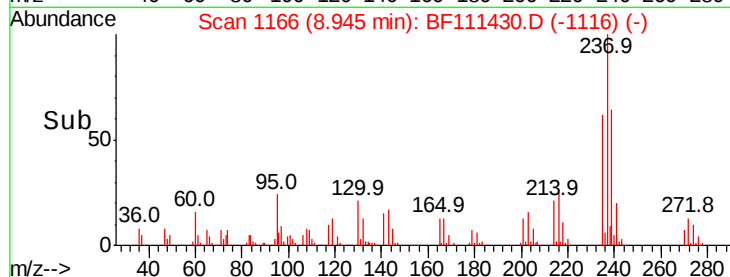
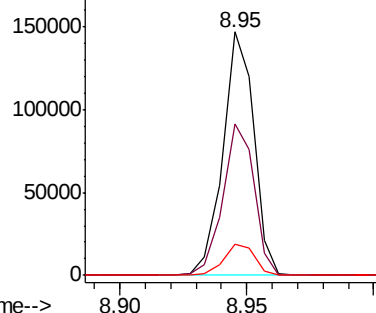
Tot Ion	Ratio	Resp	Lower	Upper
237	100	125892		
235	62.1	43.1	83.1	
272	12.6	0.0	33.0	

Manual Integrations
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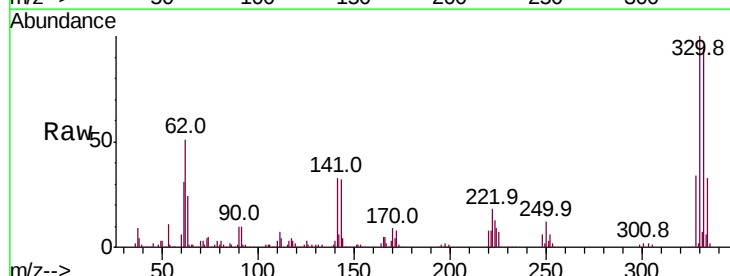


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

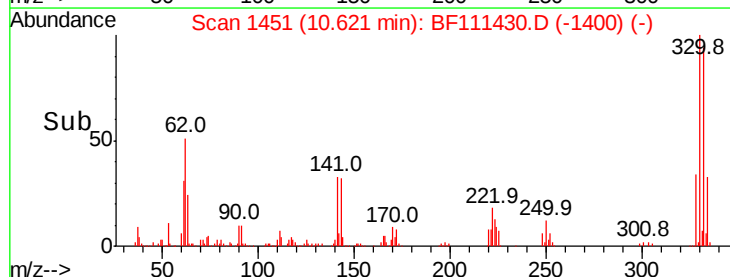
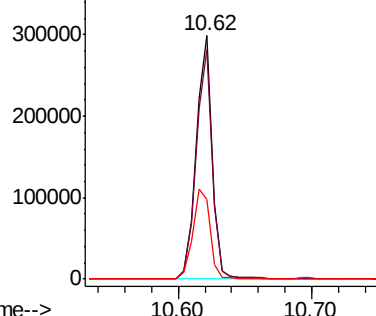


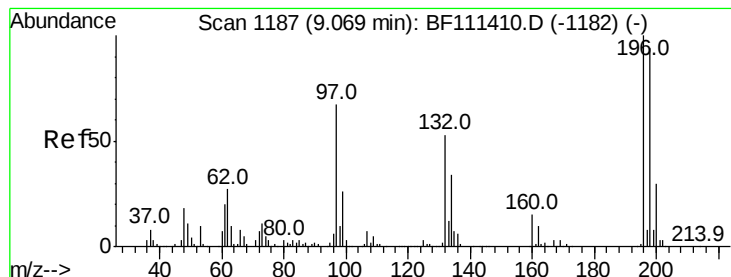
#42
2,4,6-Tribromophenol
Concen: 91.398 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BF111430.D
Acq: 14 Dec 2018 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	253664		
332	95.0	76.0	114.0	
141	40.1	31.0	46.6	



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 35.683 ng

RT: 9.07 min Scan# 1188

Delta R.T. 0.01 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

Instrument :

BNA_F

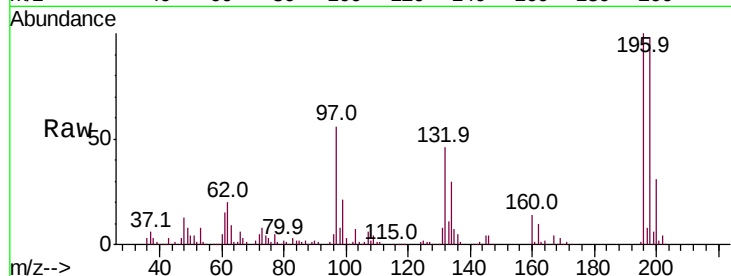
ClientSampleId :

SB-06AMSD

Tot Ion:	196	Resp:	214584
Ion Ratio	Lower	Upper	
196	100		
198	97.8	76.3	114.5
200	31.5	24.9	37.3

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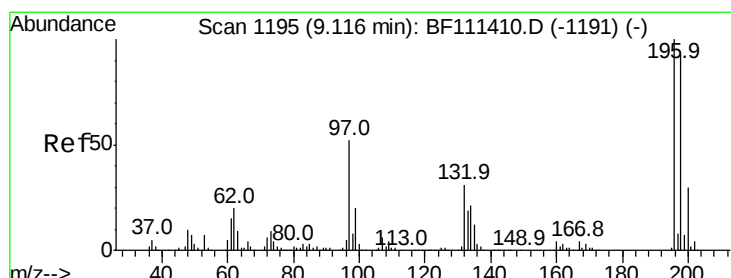
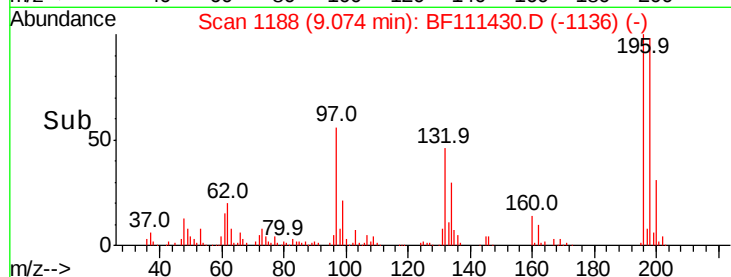
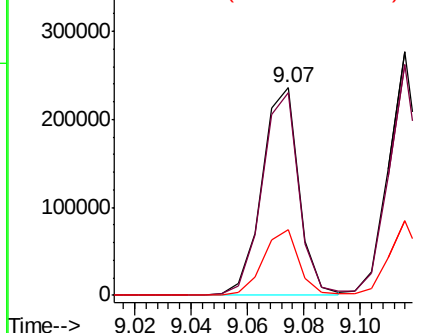


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 34.879 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.00 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

Tgt Ion:	196	Resp:	223197
Ion Ratio	Lower	Upper	
196	100		
198	94.9	72.9	109.3
97	55.1	45.3	67.9
132	31.1	25.5	38.3

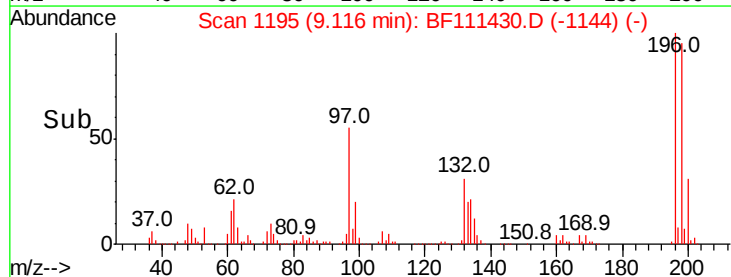
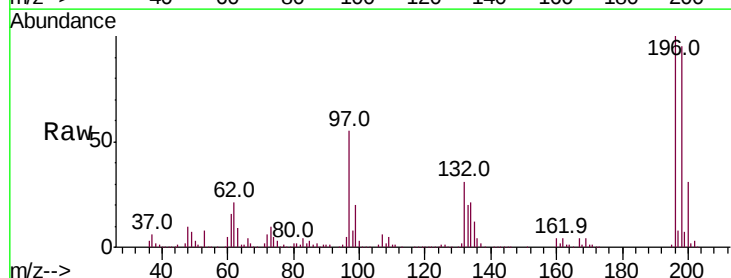
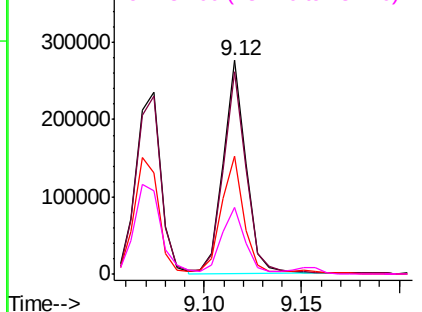
Abundance

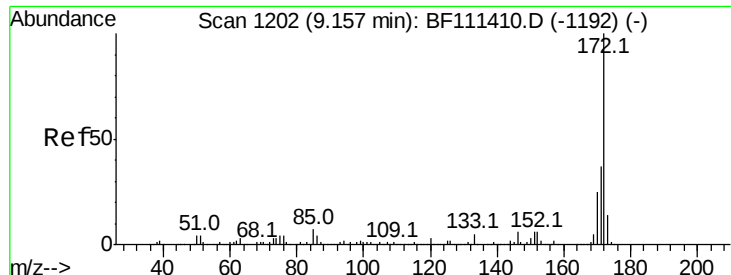
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





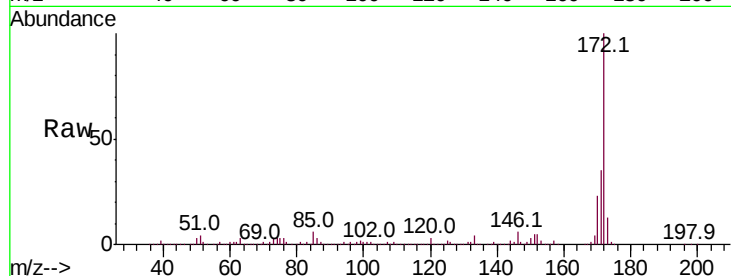
#45
2-Fluorobiphenyl
Concen: 77.975 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BF111430.D
Acq: 14 Dec 2018 20:30

Instrument :
BNA_F
ClientSampleId :
SB-06AMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.7	33.0	49.4
170	23.3	22.3	33.5

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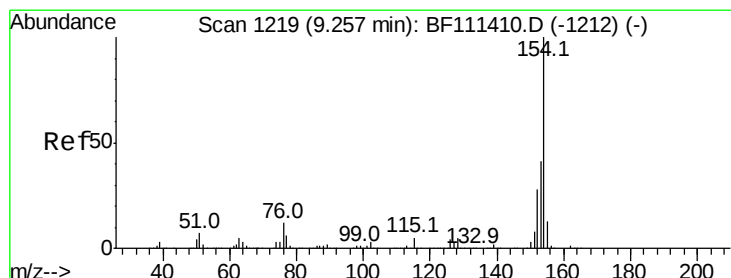
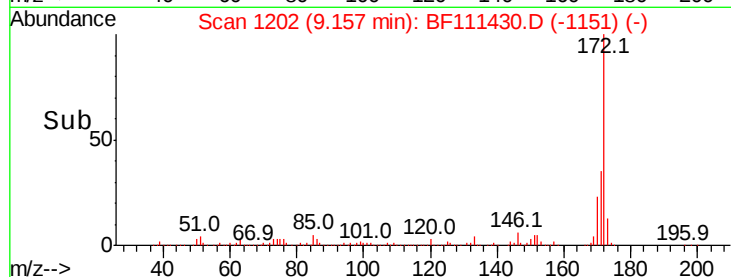
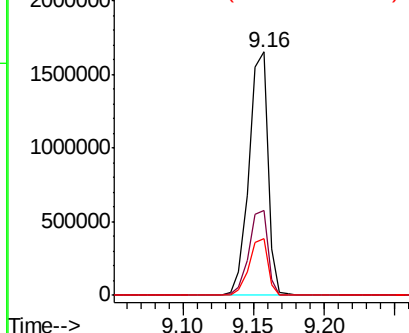


Abundance

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: 35.684 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111430.D
Acq: 14 Dec 2018 20:30

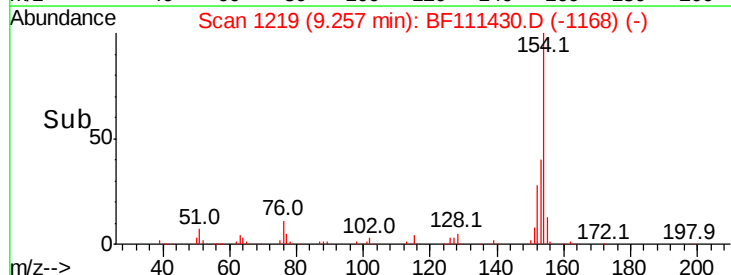
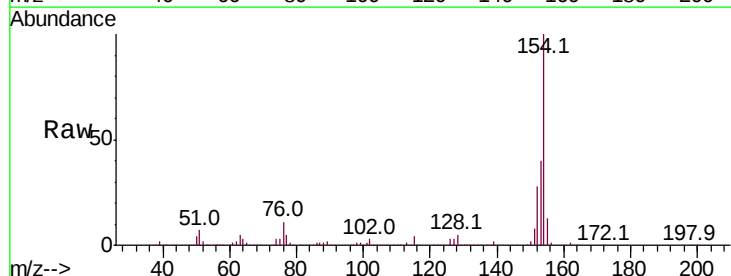
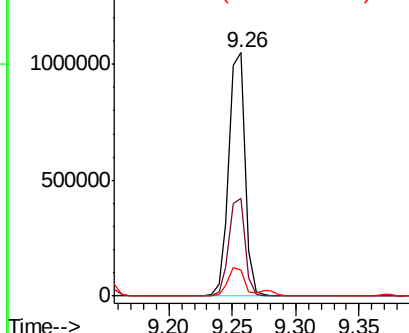
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	23.7	63.7
76	10.6	0.0	35.0

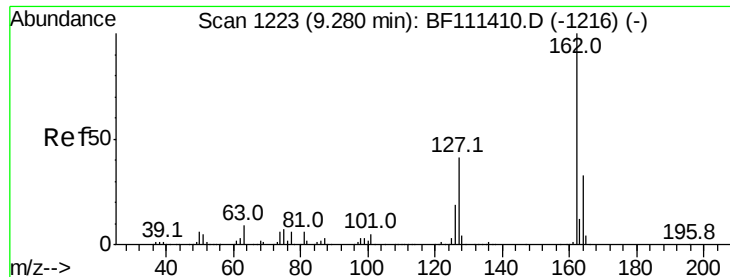
Abundance

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





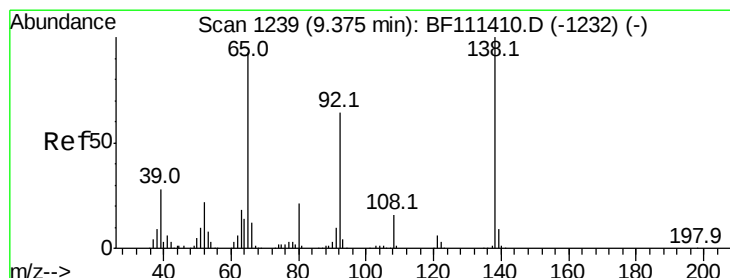
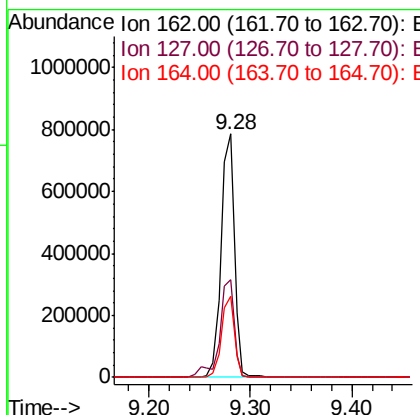
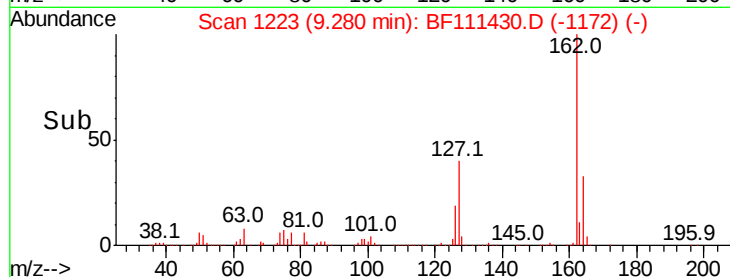
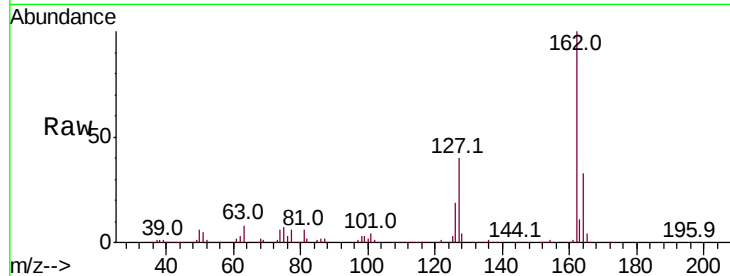
#47
 2-Chloronaphthalene
 Concen: 35.979 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.00 min
 Lab File: BF111430.D
 Acq: 14 Dec 2018 20:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-06AMSD

Tot Ion:	162	Resp:	717944
Ion Ratio	Lower	Upper	
162	100		
127	39.9	35.0	52.4
164	33.4	28.4	42.6

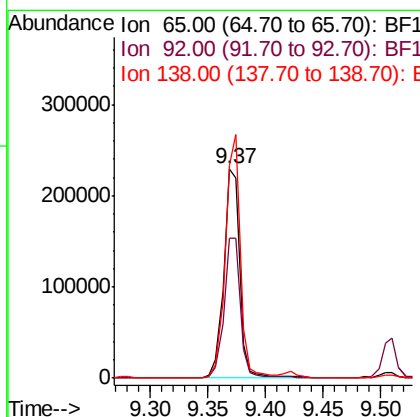
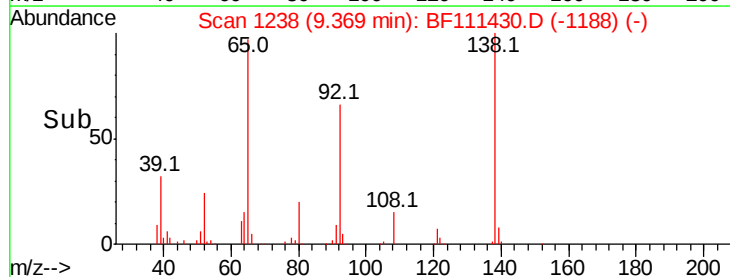
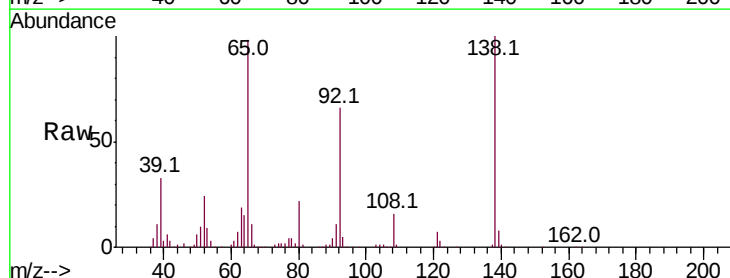
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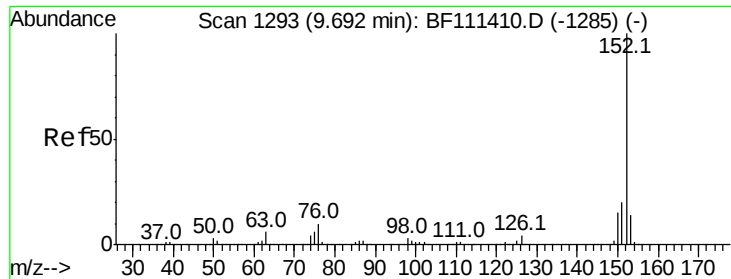
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#48
 2-Nitroaniline
 Concen: 34.535 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BF111430.D
 Acq: 14 Dec 2018 20:30

Tgt Ion:	65	Resp:	223756
Ion Ratio	Lower	Upper	
65	100		
92	66.8	53.5	80.3
138	102.0	80.9	121.3





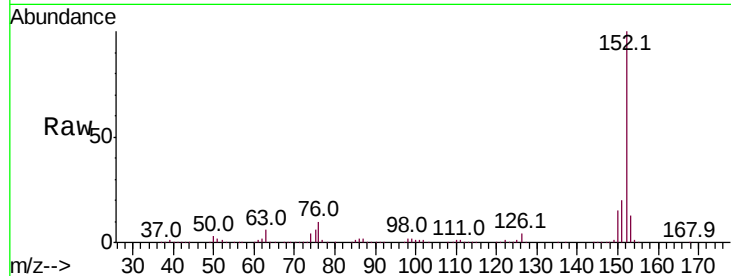
#49
Acenaphthylene
Concen: 37.897 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BF111430.D
Acq: 14 Dec 2018 20:30

Instrument :
BNA_F
ClientSampleId :
SB-06AMSD

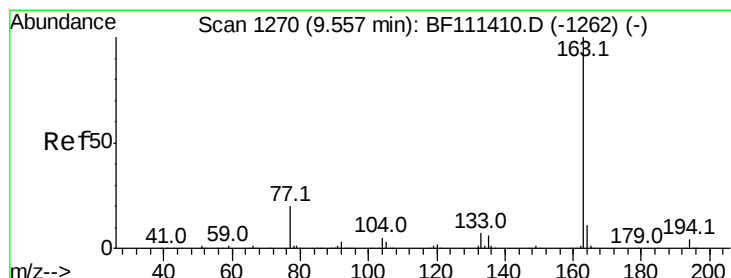
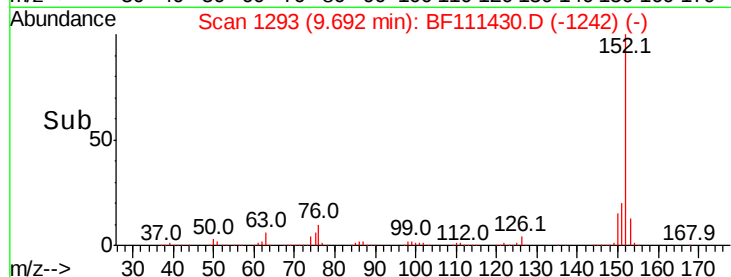
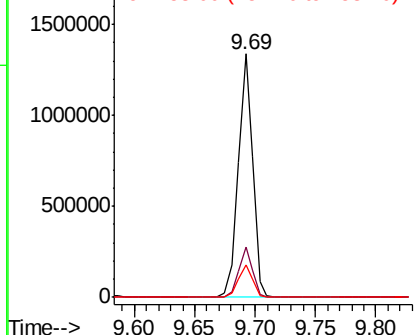
Tot Ion	Ratio	Lower	Upper
152	100		
151	20.4	18.0	27.0
153	13.3	12.3	18.5

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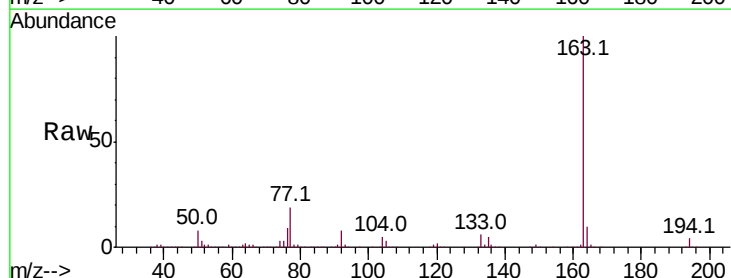


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

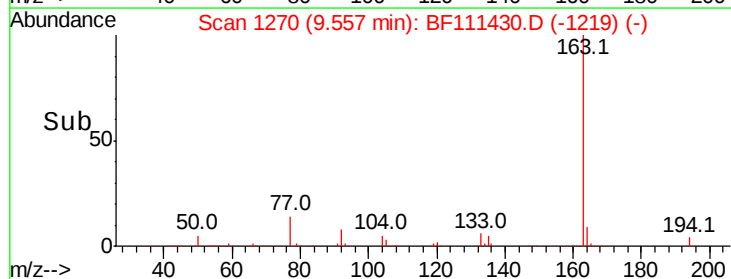
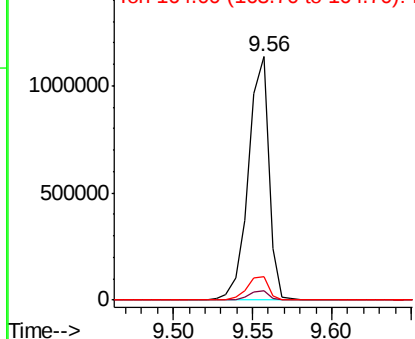


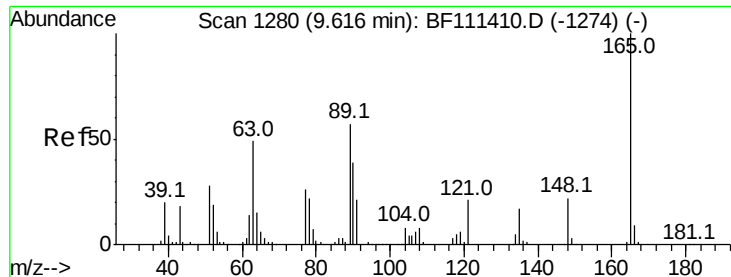
#50
Dimethylphthalate
Concen: 45.490 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BF111430.D
Acq: 14 Dec 2018 20:30

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	9.5	8.9	13.3



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 34.669 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.00 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

Instrument :

BNA_F

ClientSampled :

SB-06AMSD

Tot Ion:165 Resp: 174126
Ion Ratio Lower Upper

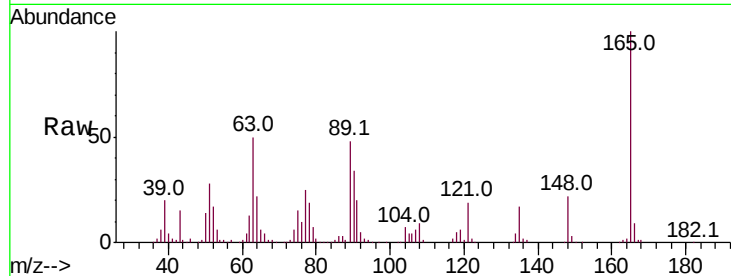
165 100

63 50.3 40.5 60.7

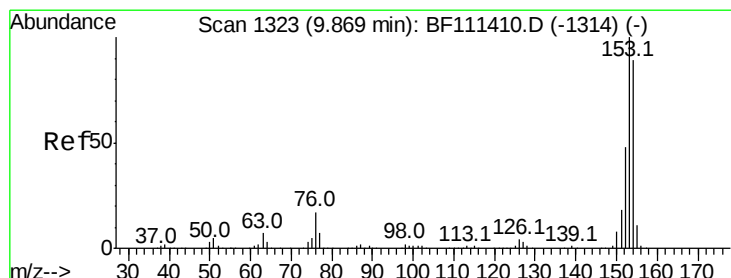
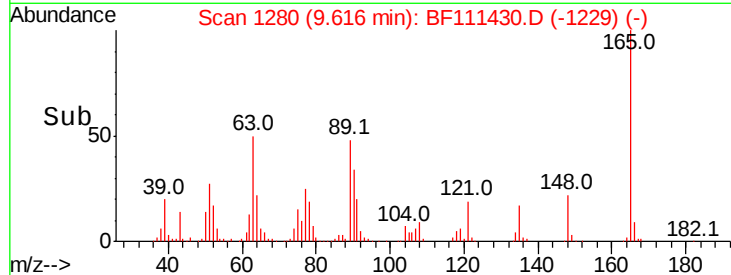
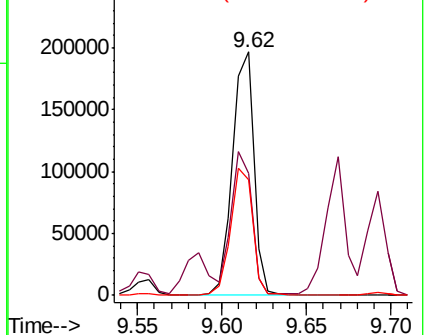
89 47.7 40.0 60.0

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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 35.278 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF111430.D

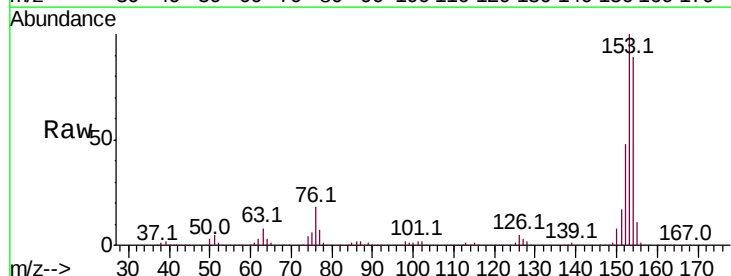
Acq: 14 Dec 2018 20:30

Tgt Ion:154 Resp: 660449
Ion Ratio Lower Upper

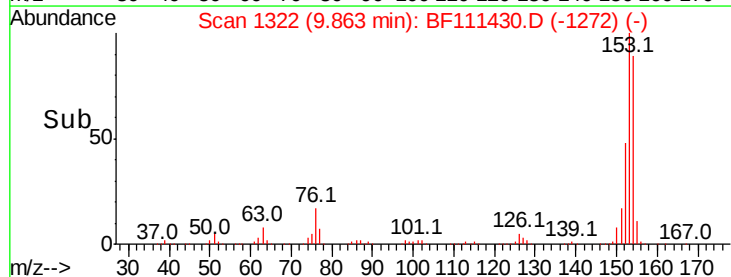
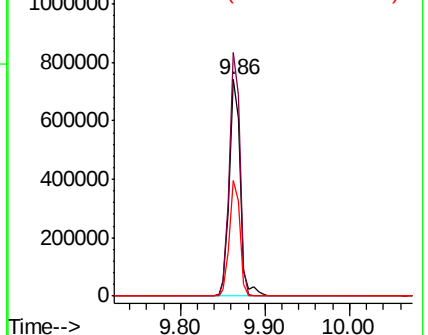
154 100

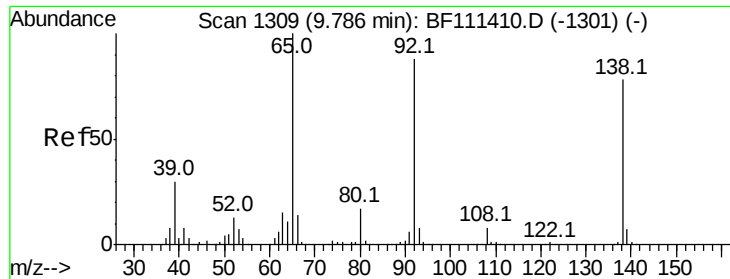
153 112.5 87.8 131.8

152 53.6 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





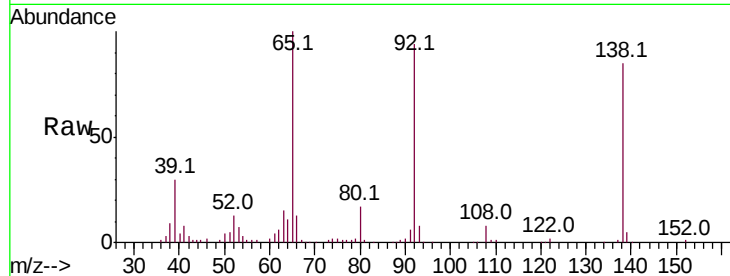
#53
3-Nitroaniline
Concen: 16.473 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF111430.D
Acq: 14 Dec 2018 20:30

Instrument :
BNA_F
ClientSampleId :
SB-06AMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	8.2	12.4
92	110.1	93.4	140.2

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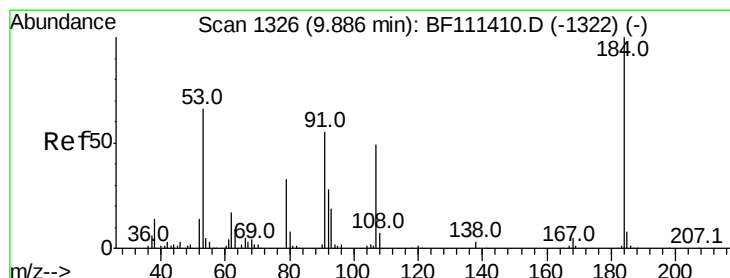
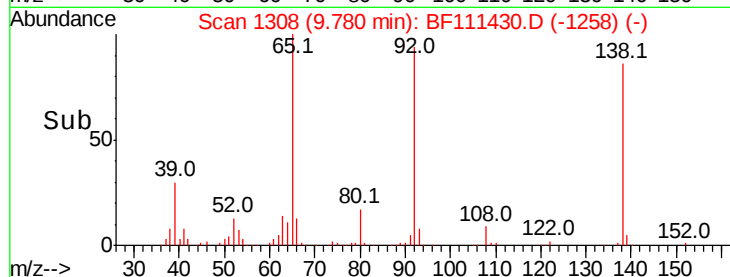
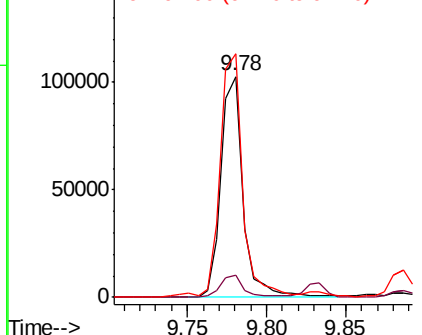


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 22.636 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF111430.D
Acq: 14 Dec 2018 20:30

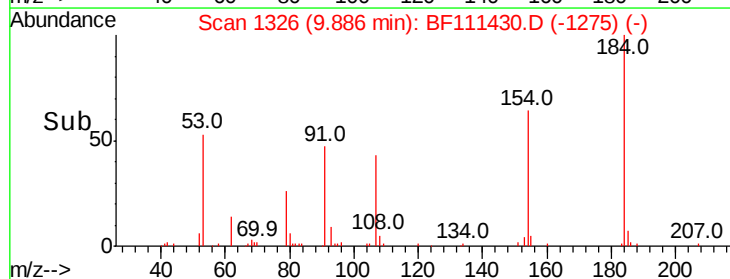
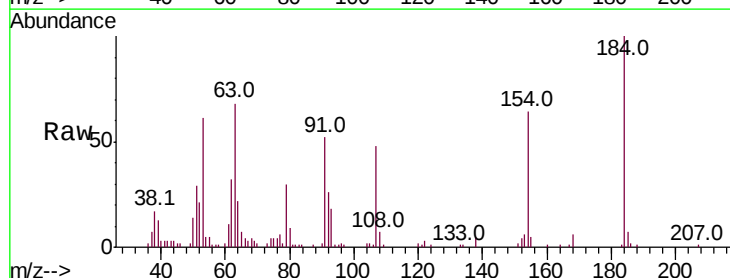
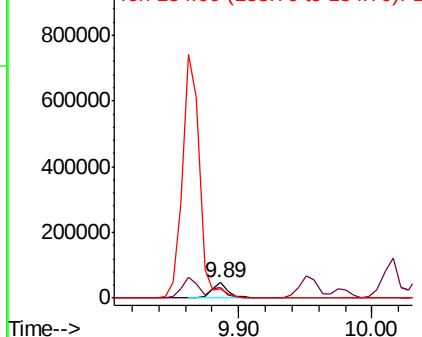
Tgt Ion	Ratio	Lower	Upper
184	100		
63	68.3	62.3	93.5
154	63.7	56.2	84.2

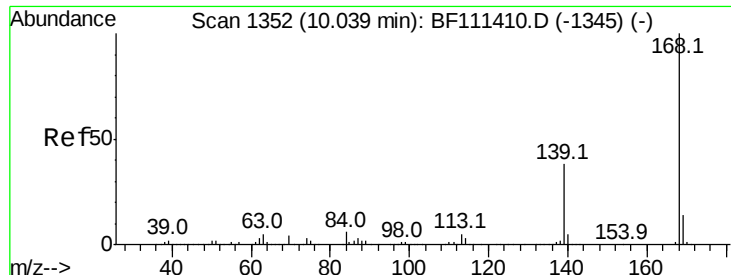
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 35.240 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.00 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

Instrument :

BNA_F

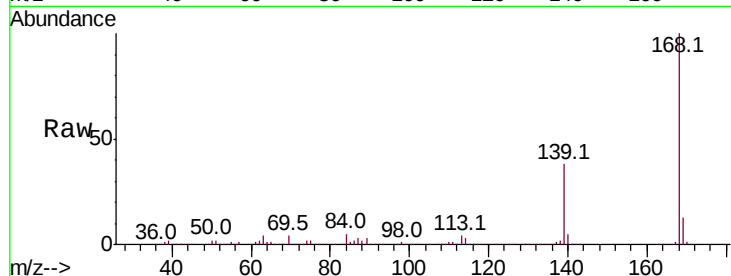
ClientSampleId :

SB-06AMSD

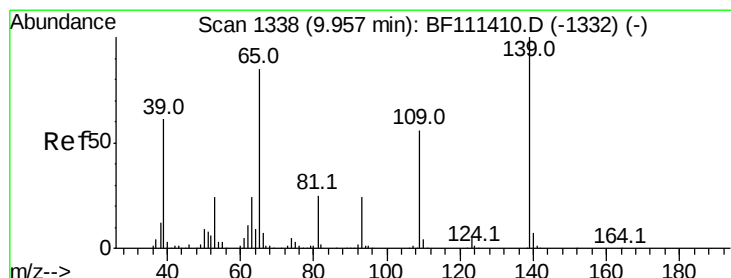
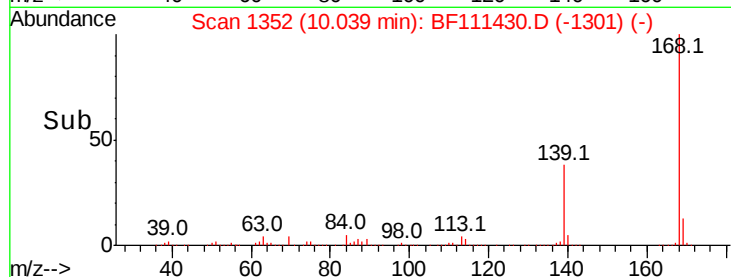
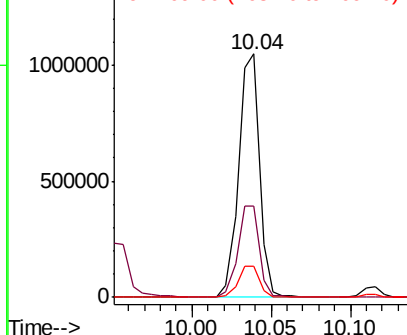
Tot Ion:	168	Resp:	957618
Ion Ratio	Lower	Upper	
168	100		
139	37.7	32.6	49.0
169	12.7	11.8	17.6

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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: 57.190 ng

RT: 9.95 min Scan# 1337

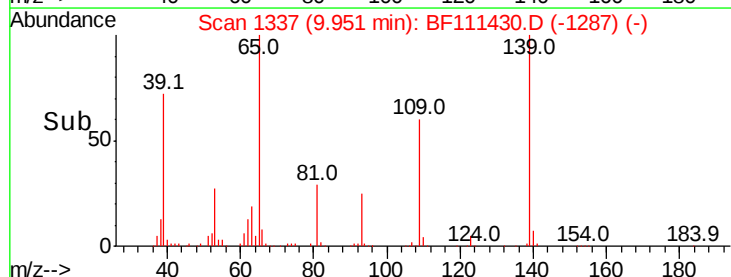
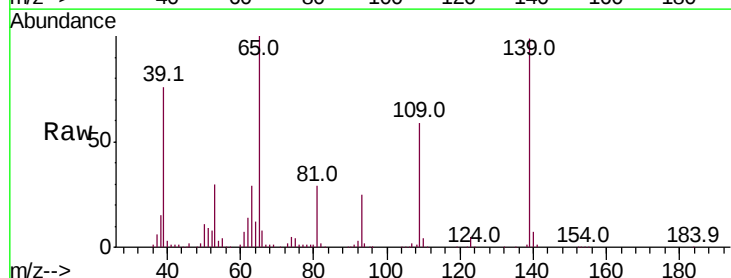
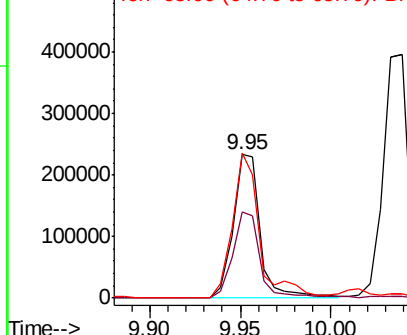
Delta R.T. -0.01 min

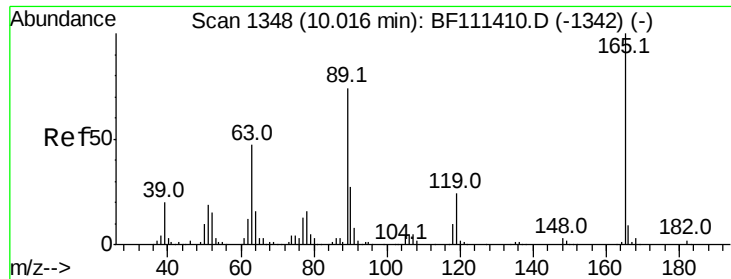
Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

Tgt Ion:	139	Resp:	241443
Ion Ratio	Lower	Upper	
139	100		
109	59.8	41.8	81.8
65	100.9	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





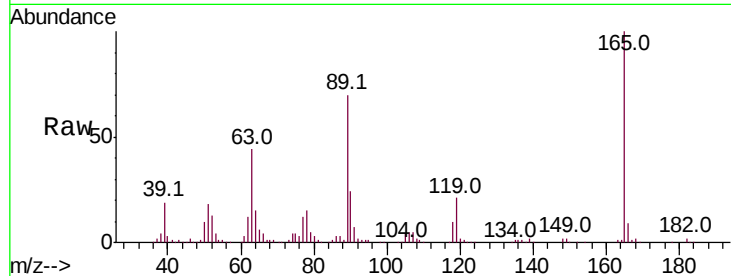
#57
2,4-Dinitrotoluene
Concen: 32.506 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BF111430.D
Acq: 14 Dec 2018 20:30

Instrument :
BNA_F
ClientSampleId :
SB-06AMSD

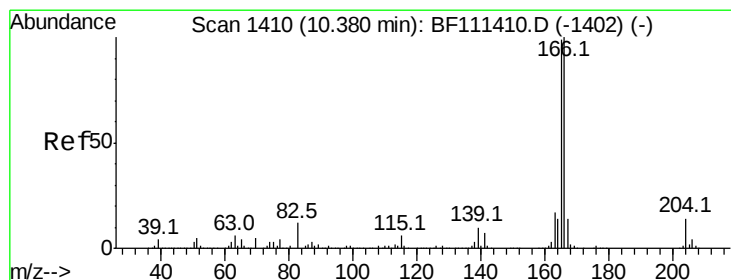
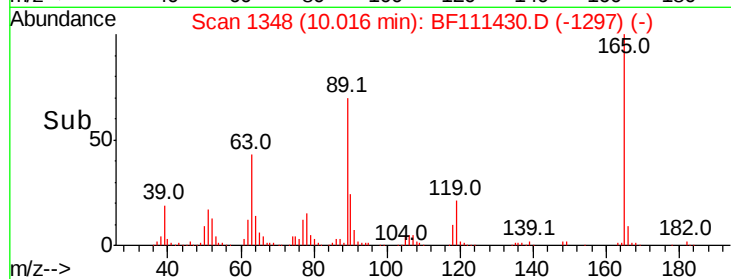
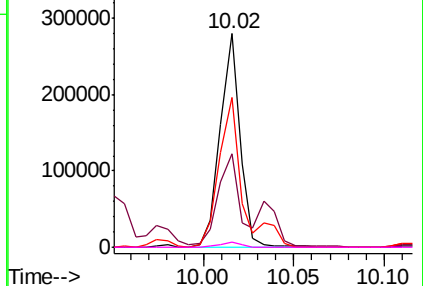
Tot Ion	Ratio	Lower	Upper
165	100		
63	43.6	34.6	52.0
89	70.4	56.2	84.4
182	2.4	1.8	2.6

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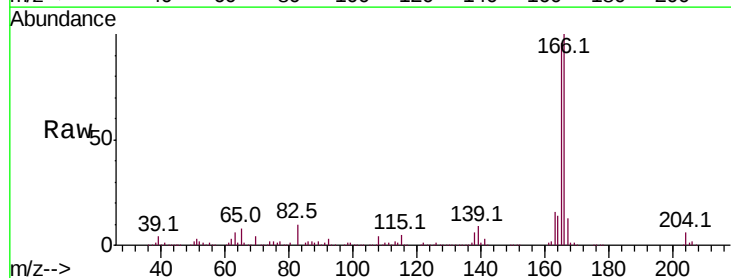


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

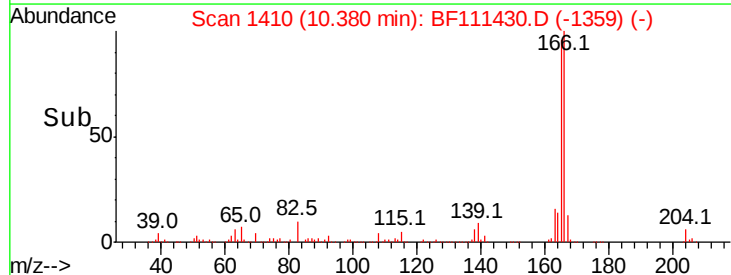
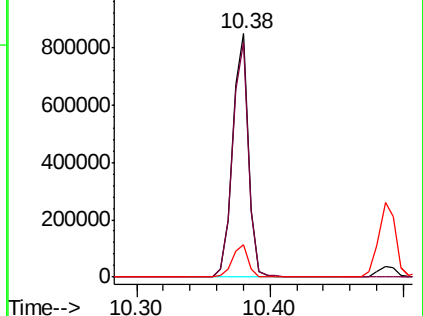


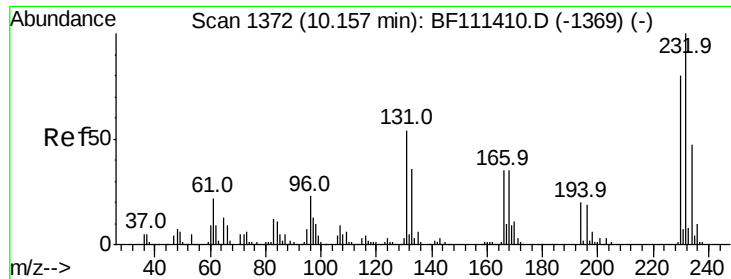
#58
Fluorene
Concen: 36.304 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF111430.D
Acq: 14 Dec 2018 20:30

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.2	78.4	117.6
167	13.2	11.2	16.8



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





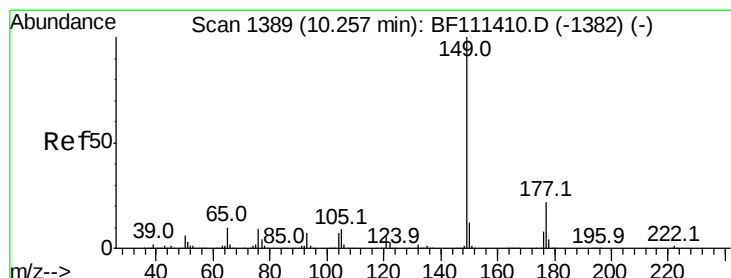
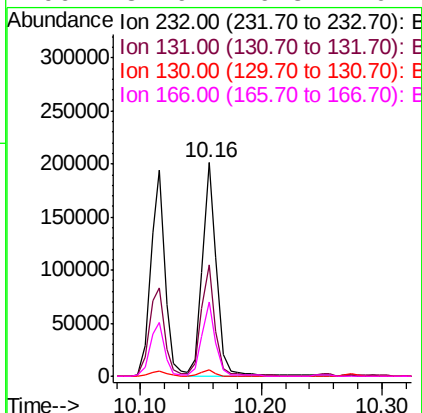
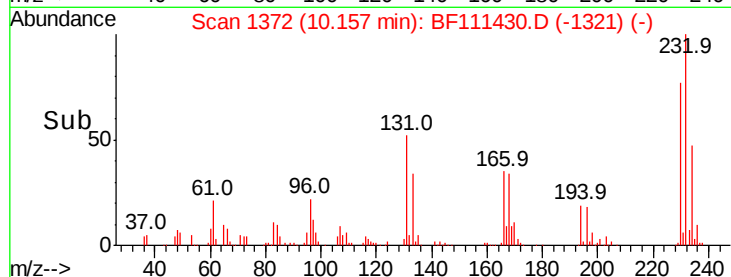
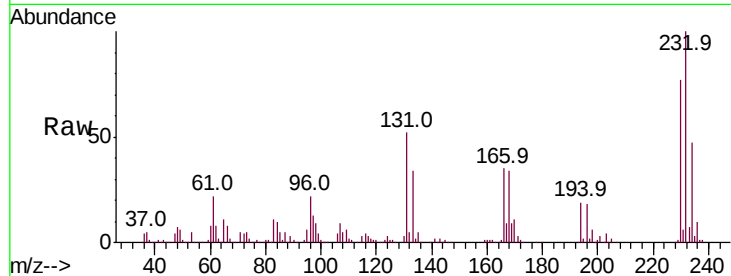
#59
2,3,4,6-Tetrachlorophenol
Concen: 32.902 ng
RT: 10.16 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BF111430.D
Acq: 14 Dec 2018 20:30

Instrument :
BNA_F
ClientSampleId :
SB-06AMSD

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	50.6	40.9	61.3
130	2.7	2.0	3.0
166	34.6	26.8	40.2

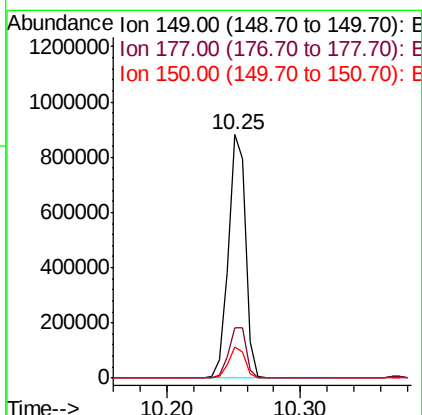
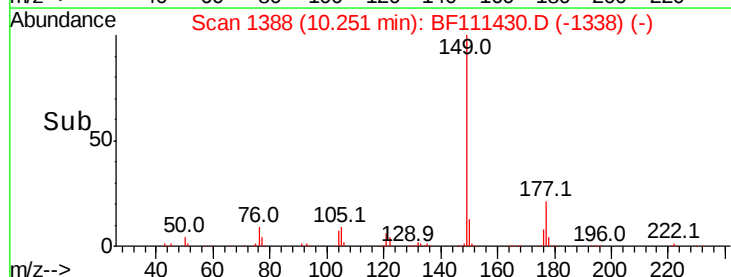
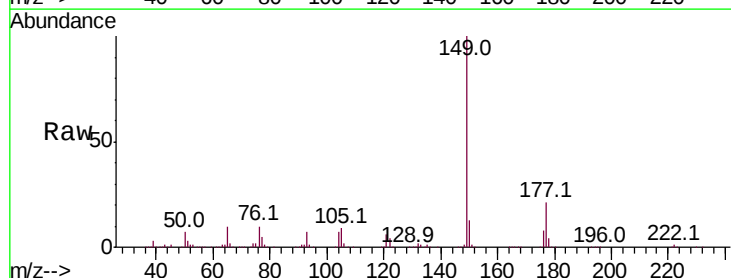
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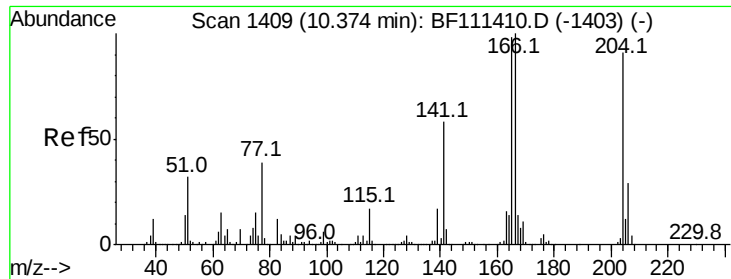
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#60
Diethylphthalate
Concen: 35.624 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BF111430.D
Acq: 14 Dec 2018 20:30

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	20.7	18.3	27.5
150	12.7	10.6	15.8





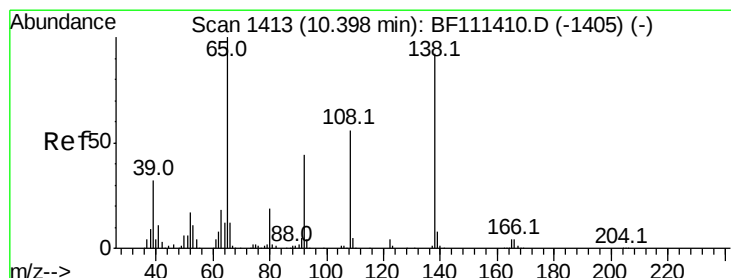
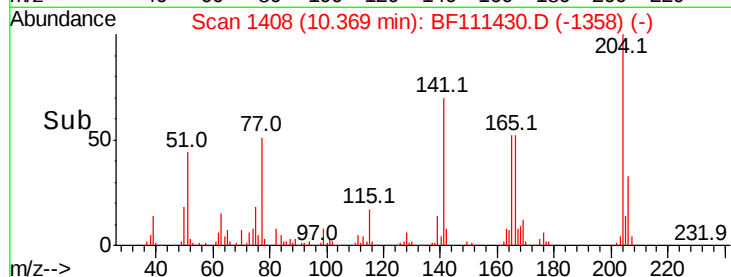
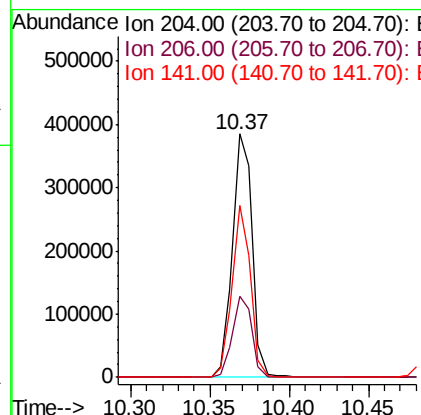
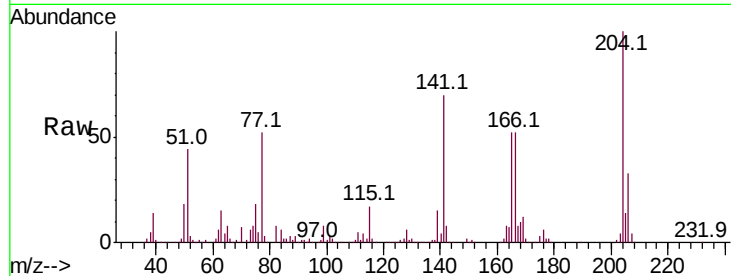
#61
 4-Chlorophenyl-phenylether
 Concen: 34.383 ng
 RT: 10.37 min Scan# 1408
 Delta R.T. -0.01 min
 Lab File: BF111430.D
 Acq: 14 Dec 2018 20:30

Instrument :
 BNA_F
 ClientSampleID :
 SB-06AMSD

Tot Ion:	204	Resp:	331564
Ion Ratio	Lower	Upper	
204	100		
206	33.2	26.6	39.8
141	70.5	52.6	78.8

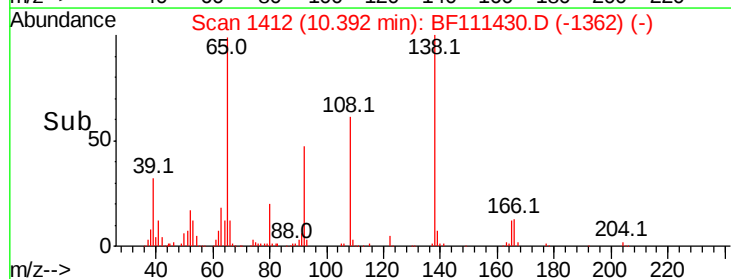
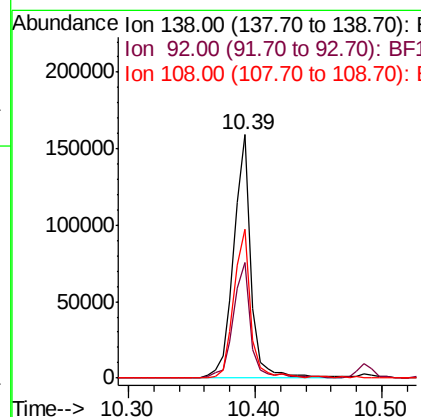
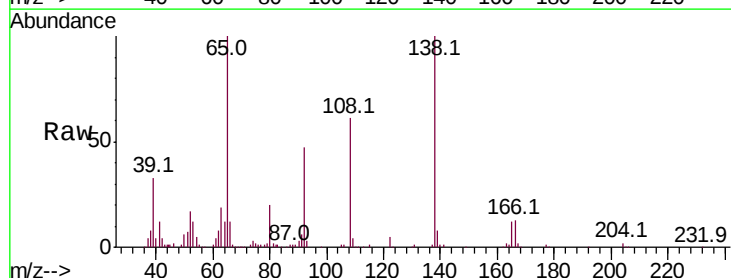
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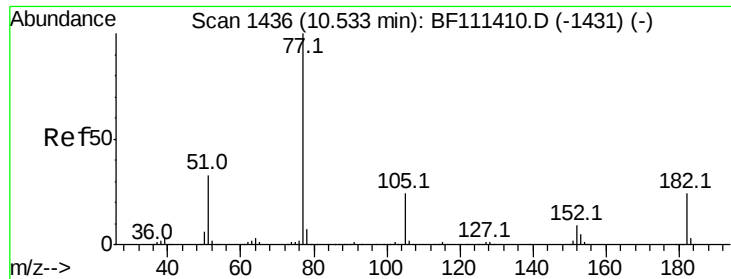
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#62
 4-Nitroaniline
 Concen: 25.013 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF111430.D
 Acq: 14 Dec 2018 20:30

Tgt Ion:	138	Resp:	151056
Ion Ratio	Lower	Upper	
138	100		
92	47.4	29.9	69.9
108	61.3	43.2	83.2





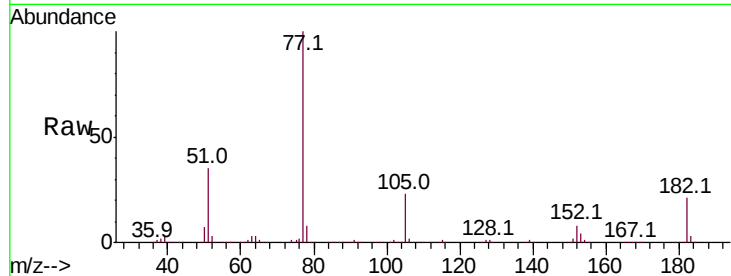
#63
Azobenzene
Concen: 33.161 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF111430.D
Acq: 14 Dec 2018 20:30

Instrument :
BNA_F
ClientSampleId :
SB-06AMSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	21.4	4.9	44.9
105	23.1	6.0	46.0
51	34.8	14.7	54.7

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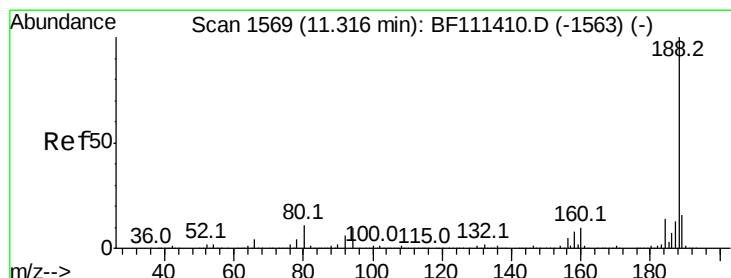
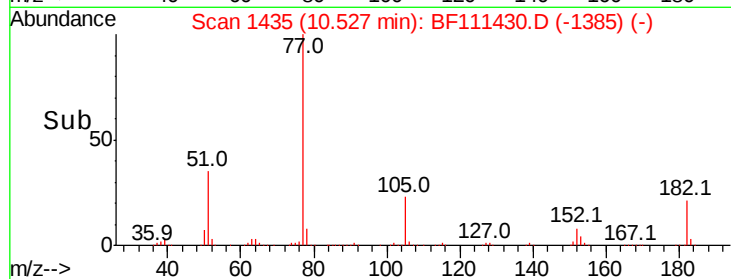
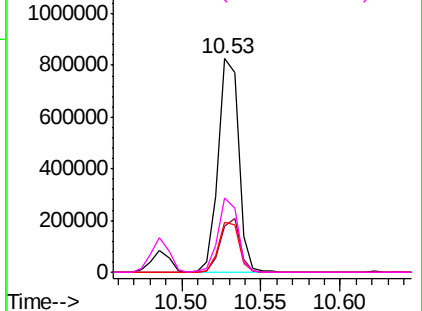
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF111430.D
Acq: 14 Dec 2018 20:30

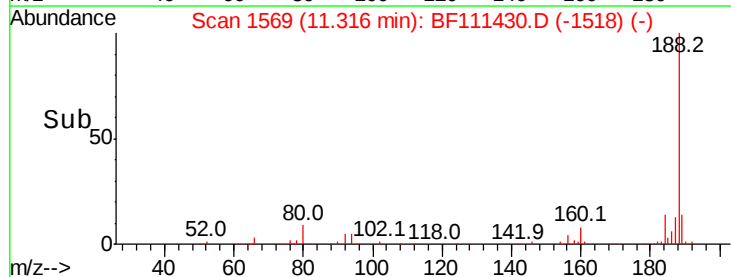
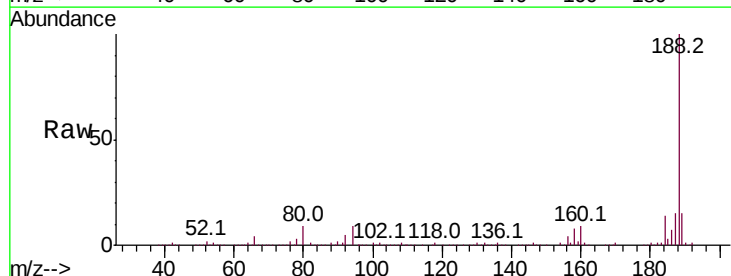
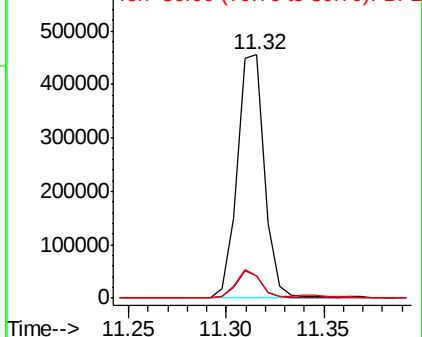
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	9.6	14.4#
80	9.1	9.8	14.6#

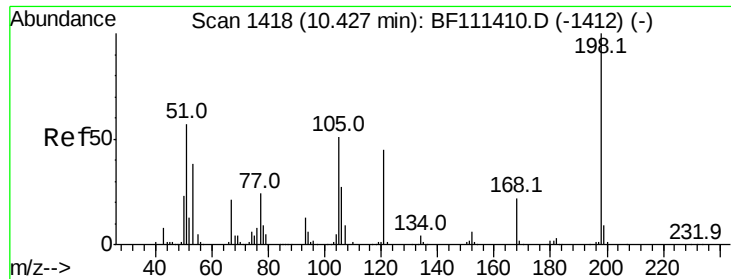
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 15.944 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

Instrument :

BNA_F

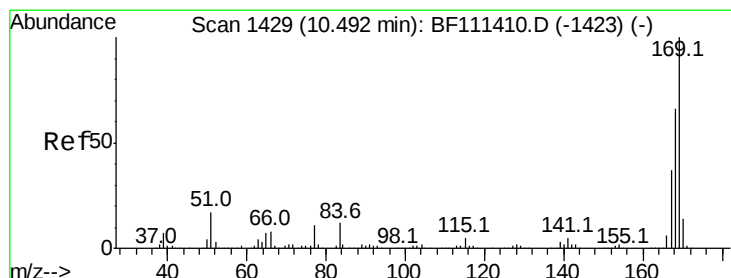
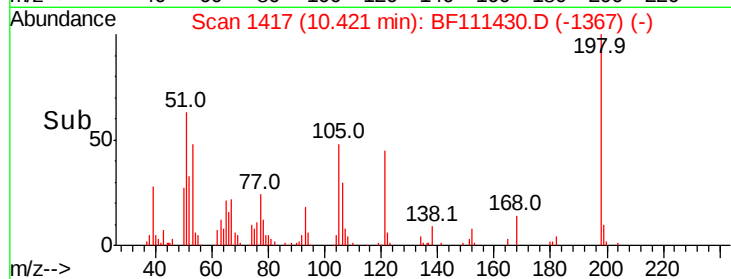
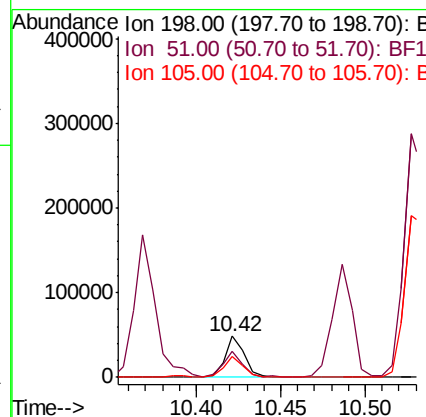
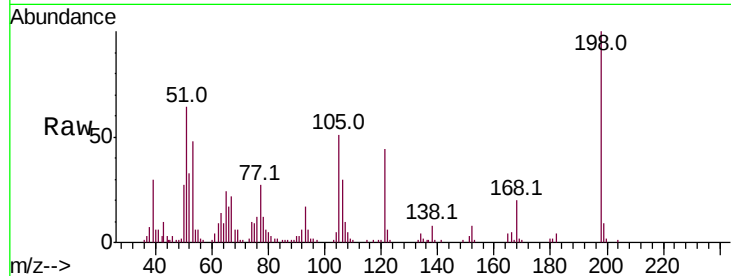
ClientSampleId :

SB-06AMSD

Tot Ion:	198	Resp:	39585
Ion Ratio	Lower	Upper	
198	100		
51	63.6	48.0	88.0
105	51.0	34.0	74.0

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#66

n-Nitrosodiphenylamine

Concen: 41.690 ng

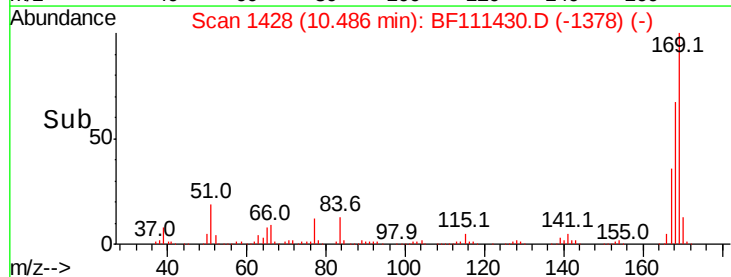
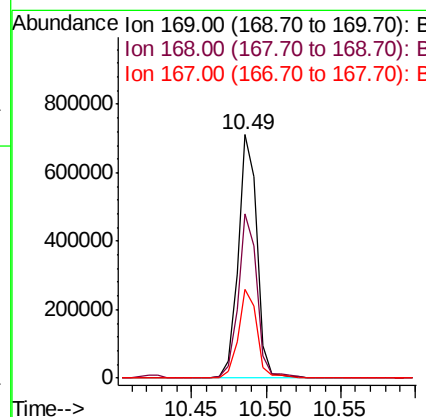
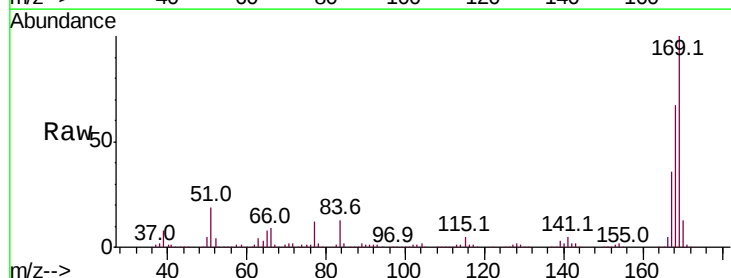
RT: 10.49 min Scan# 1428

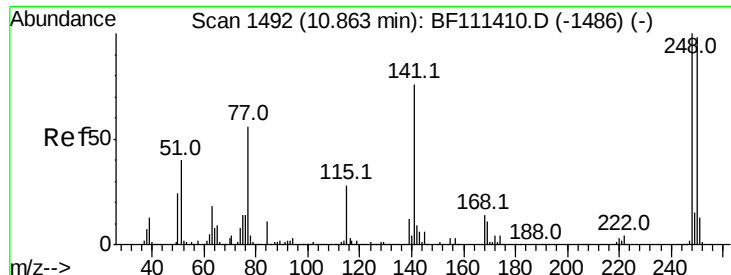
Delta R.T. -0.01 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

Tgt Ion:	169	Resp:	632268
Ion Ratio	Lower	Upper	
169	100		
168	67.4	54.4	81.6
167	36.3	30.5	45.7





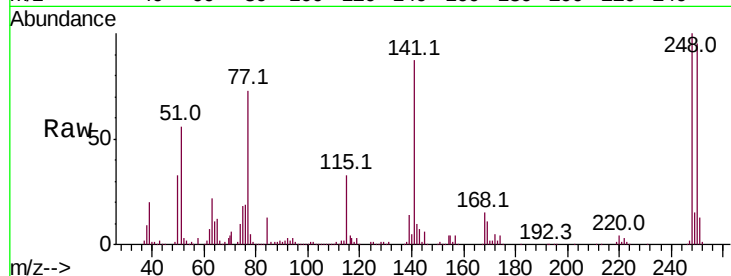
#67
4-Bromophenyl-phenylether
Concen: 39.345 ng
RT: 10.86 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BF111430.D
Acq: 14 Dec 2018 20:30

Instrument :
BNA_F
ClientSampleId :
SB-06AMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.9	77.0	115.4
141	86.7	63.0	94.6

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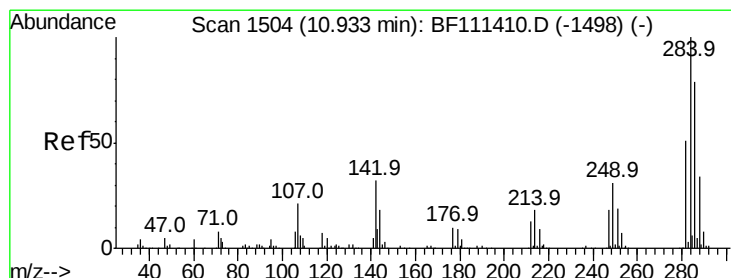
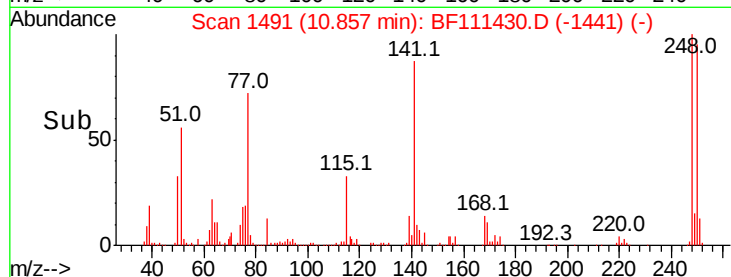
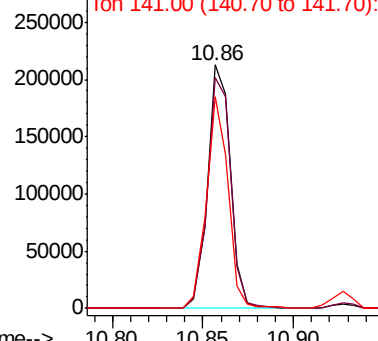


Abundance

Ion 248.00 (247.70 to 248.70): E

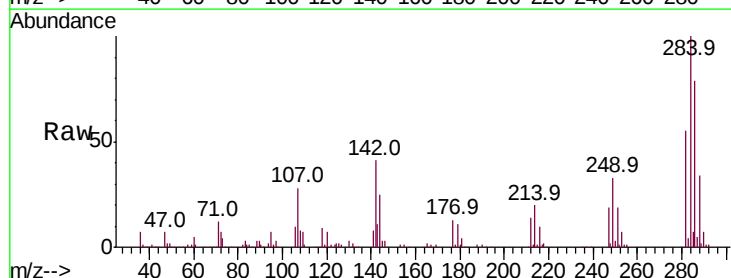
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 36.342 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF111430.D
Acq: 14 Dec 2018 20:30

Tgt Ion	Ratio	Lower	Upper
284	100		
142	41.3	27.4	41.2#
249	32.6	24.4	36.6

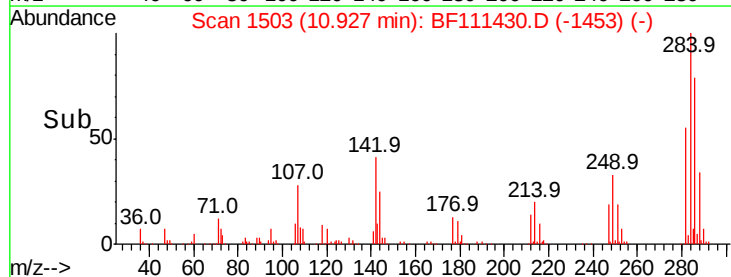
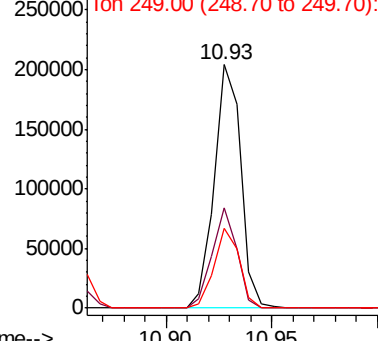


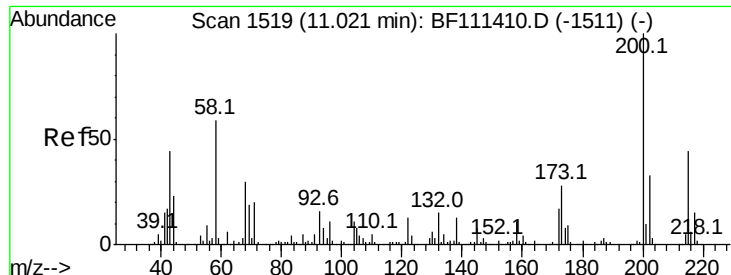
Abundance

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





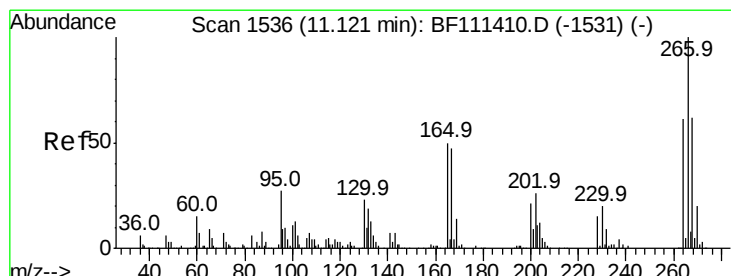
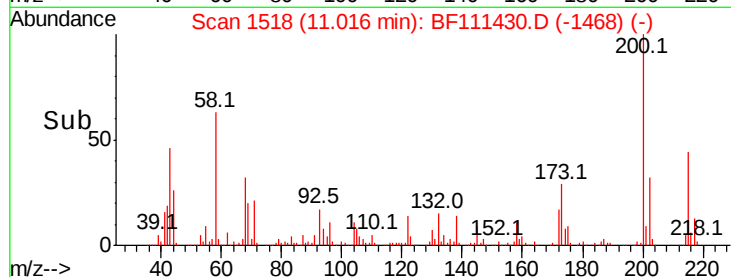
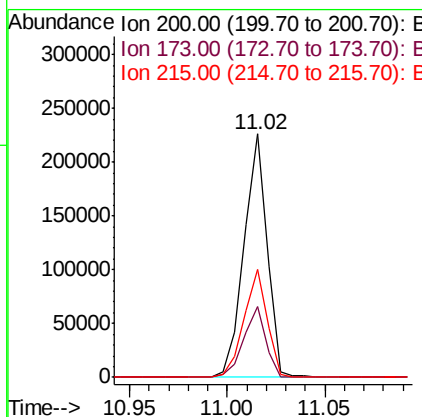
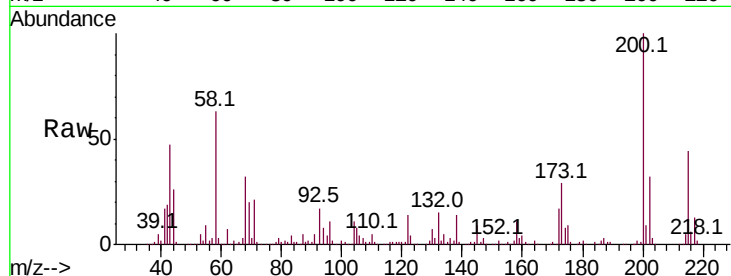
#69
Atrazine
Concen: 42.628 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF111430.D
Acq: 14 Dec 2018 20:30

Instrument :
BNA_F
ClientSampleId :
SB-06AMSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.0	10.1	50.1
215	44.1	26.9	66.9

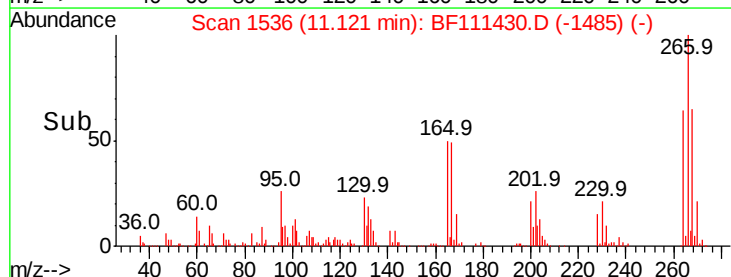
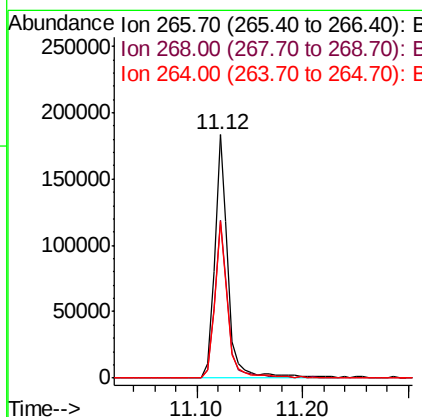
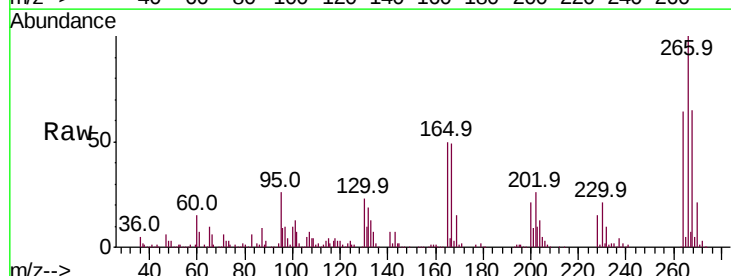
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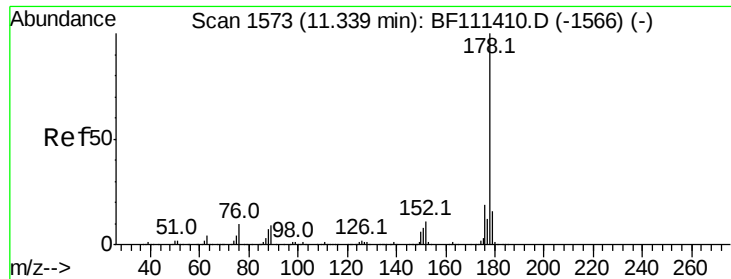
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#70
Pentachlorophenol
Concen: 54.890 ng
RT: 11.12 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BF111430.D
Acq: 14 Dec 2018 20:30

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.8	47.9	71.9
264	64.4	49.1	73.7





#71

Phenanthrene

Concen: 38.131 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

Instrument :

BNA_F

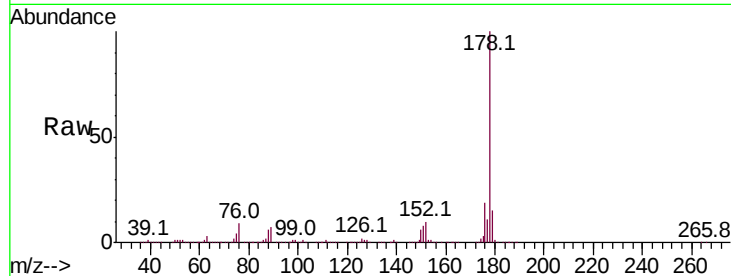
ClientSampleId :

SB-06AMSD

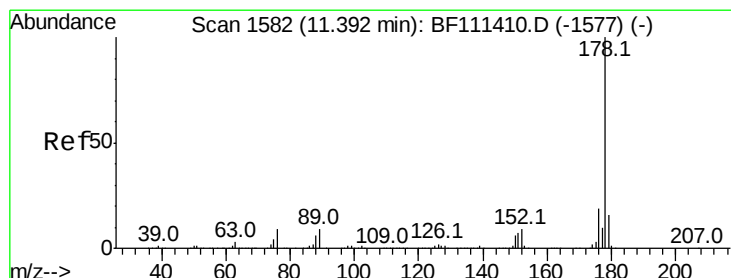
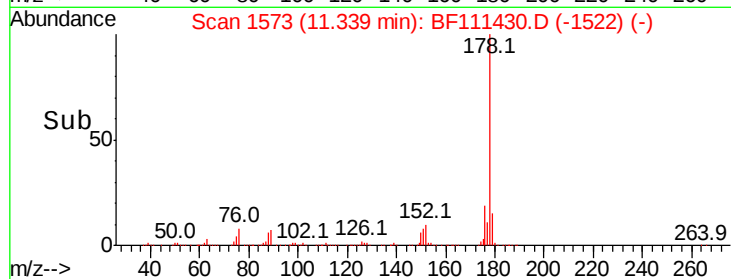
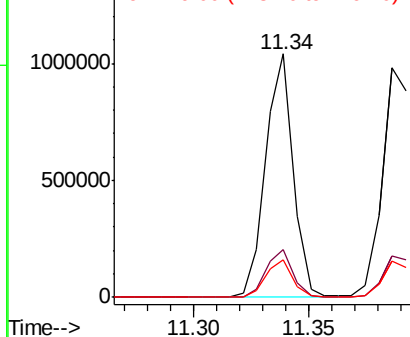
Tot Ion:	178	Resp:	864101
Ion Ratio	Lower	Upper	
178	100		
176	19.4	18.1	27.1
179	15.4	14.0	21.0

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.668 ng

RT: 11.39 min Scan# 1581

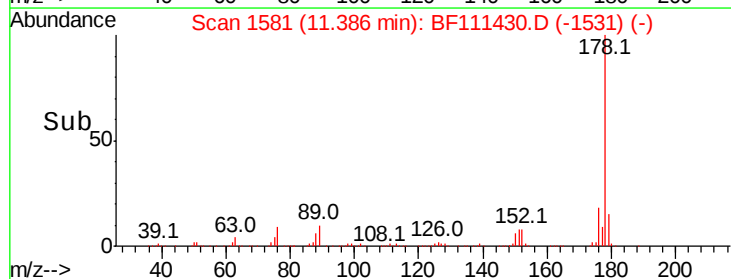
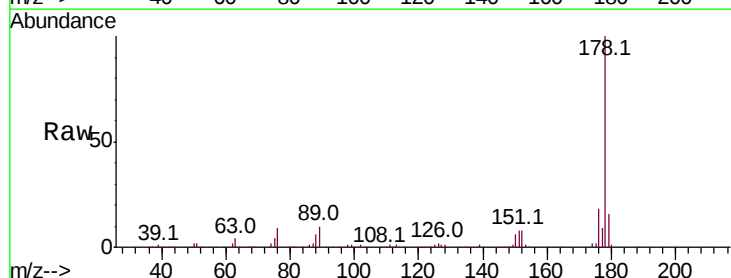
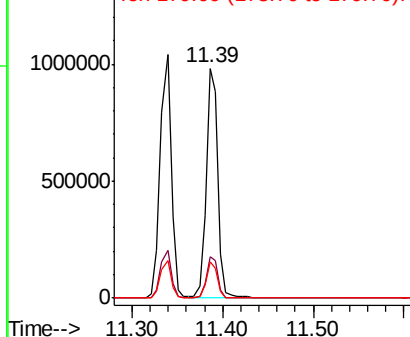
Delta R.T. -0.01 min

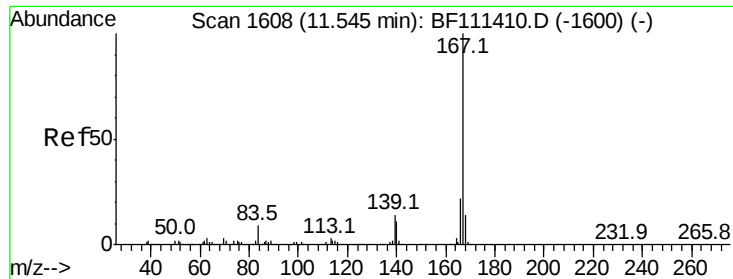
Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

Tgt Ion:	178	Resp:	896157
Ion Ratio	Lower	Upper	
178	100		
176	18.2	17.2	25.8
179	15.6	13.8	20.8

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





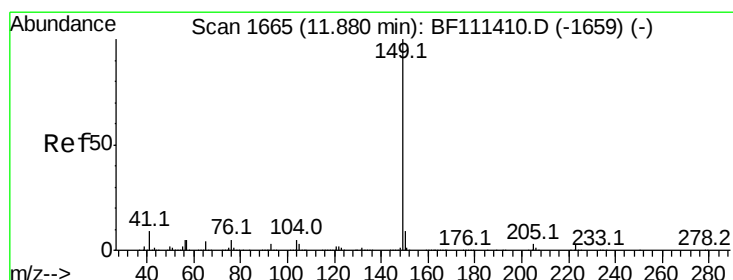
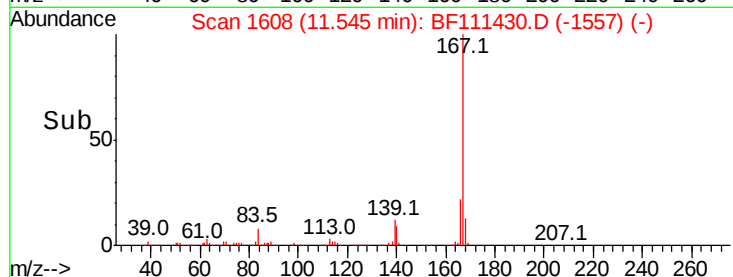
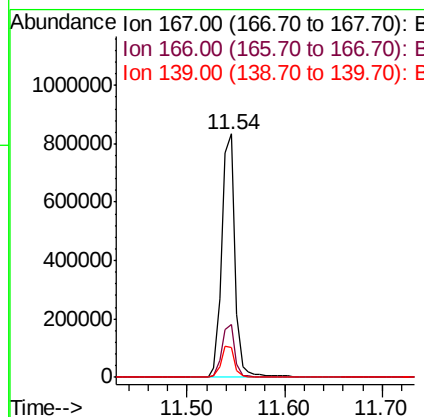
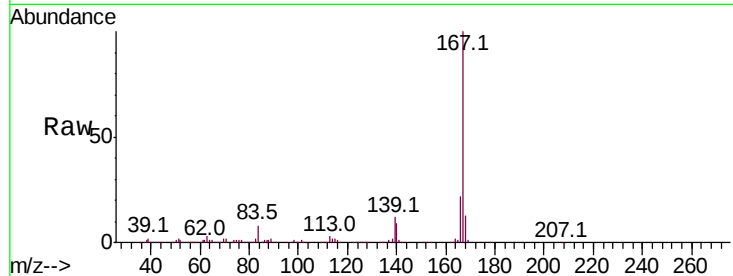
#73
 Carbazole
 Concen: 33.098 ng
 RT: 11.54 min Scan# 1608
 Delta R.T. -0.00 min
 Lab File: BF111430.D
 Acq: 14 Dec 2018 20:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-06AMSD

Tot Ion:	167	Resp:	793210
Ion Ratio	Lower	Upper	
167	100		
166	21.6	19.3	28.9
139	12.0	11.9	17.9

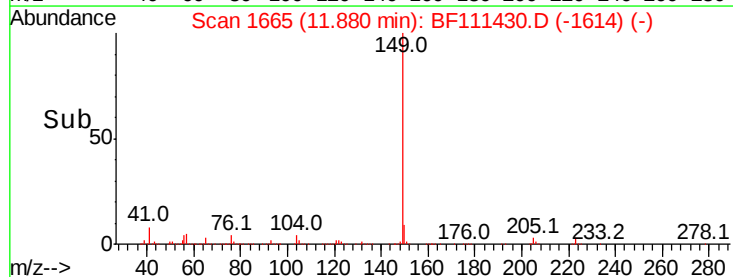
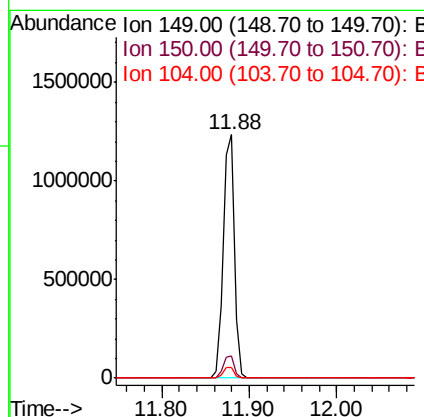
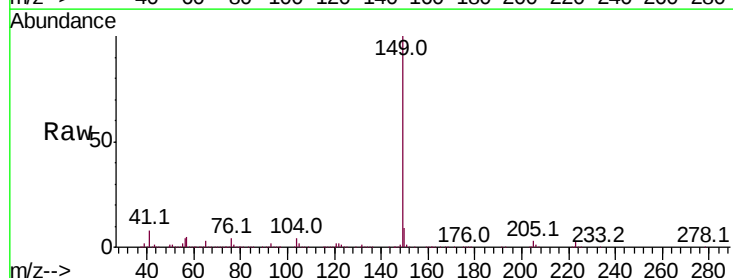
Manual Integrations
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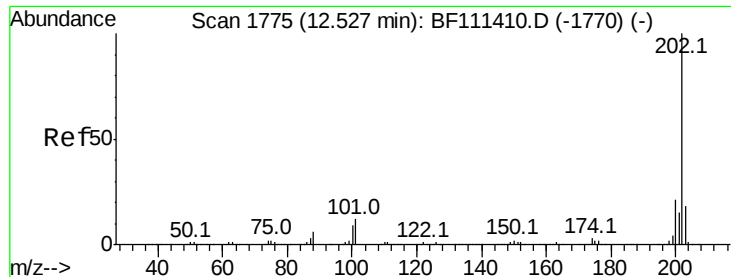
Sohil
 12/17/2018 2:36:44 PM



#74
 Di-n-butylphthalate
 Concen: 41.188 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. -0.00 min
 Lab File: BF111430.D
 Acq: 14 Dec 2018 20:30

Tgt Ion:	149	Resp:	1099324
Ion Ratio	Lower	Upper	
149	100		
150	9.3	8.8	13.2
104	4.3	4.5	6.7#





#75

Fluoranthene

Concen: 35.173 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

Instrument :

BNA_F

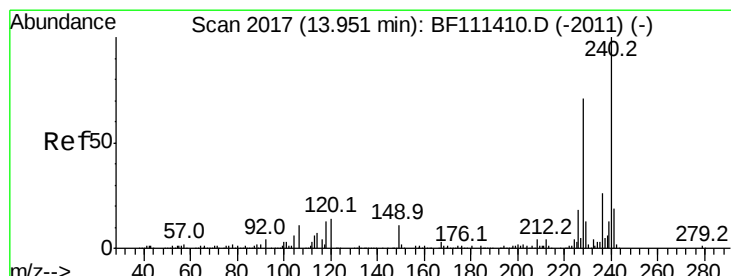
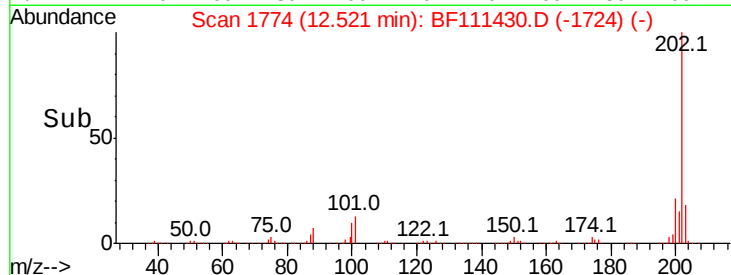
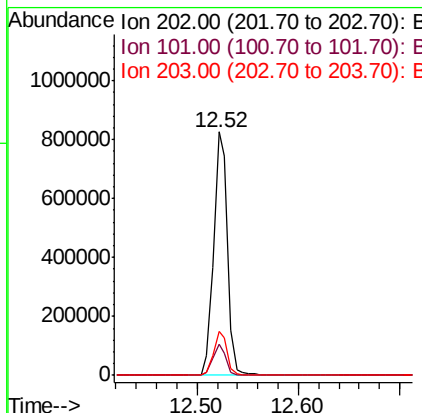
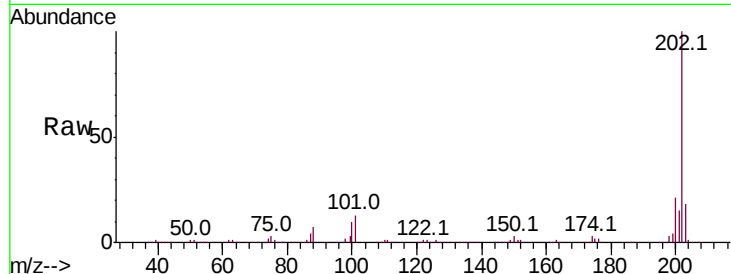
ClientSampleId :

SB-06AMSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	779765		
101	12.9	0.0	33.8	
203	18.1	0.0	38.6	

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12/17/2018 2:36:44 PM



#76

Chrysene-d12

Concen: 20.000 ng

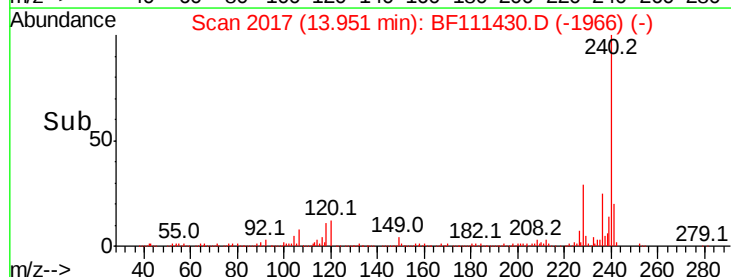
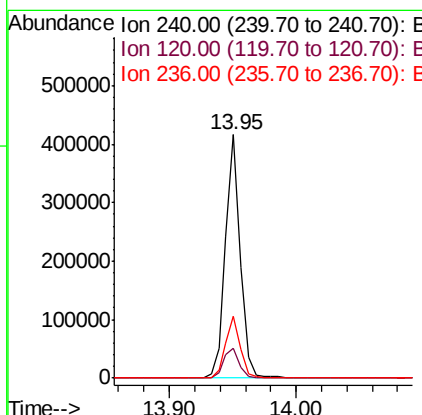
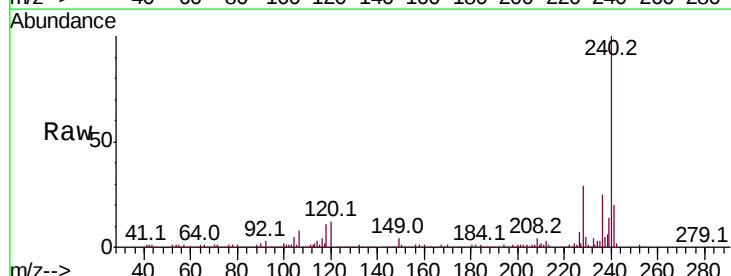
RT: 13.95 min Scan# 2017

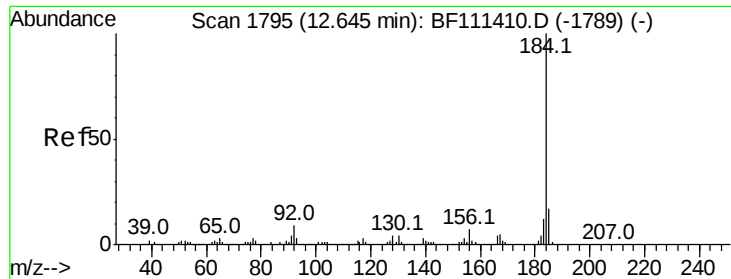
Delta R.T. -0.00 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	339730		
120	12.1	12.2	18.2#	
236	25.2	20.2	30.2	





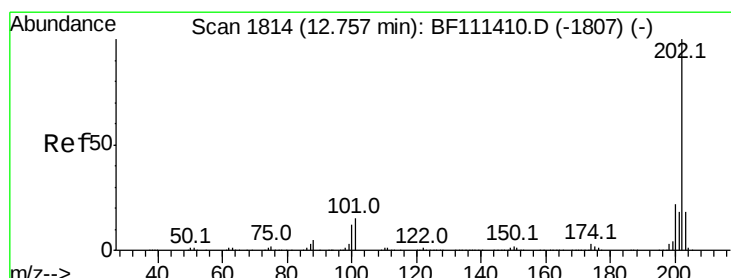
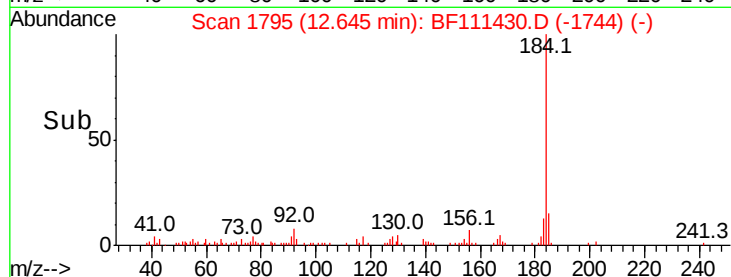
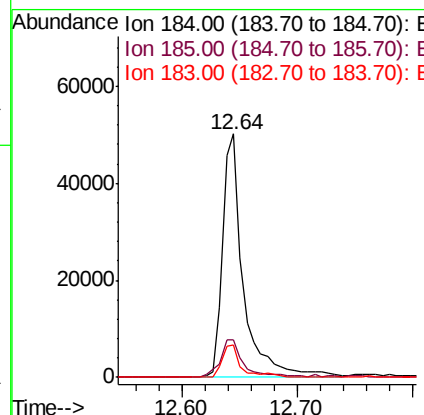
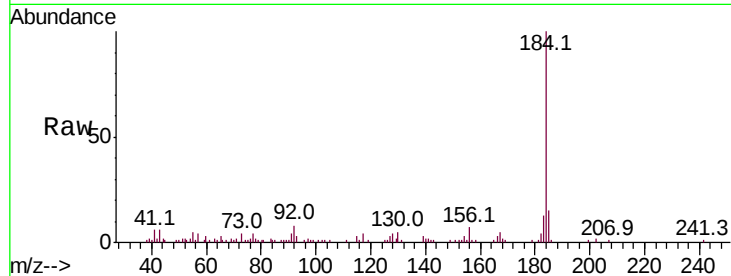
#77
Benzidine
Concen: 5.048 ng
RT: 12.64 min Scan# 1795
Delta R.T. 0.00 min
Lab File: BF111430.D
Acq: 14 Dec 2018 20:30

Instrument :
BNA_F
ClientSampleId :
SB-06AMSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.2	13.0	19.6
183	13.1	9.3	13.9

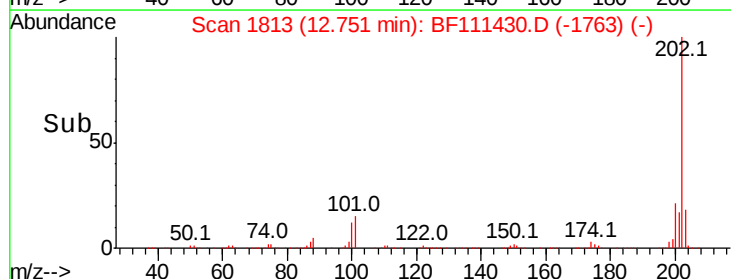
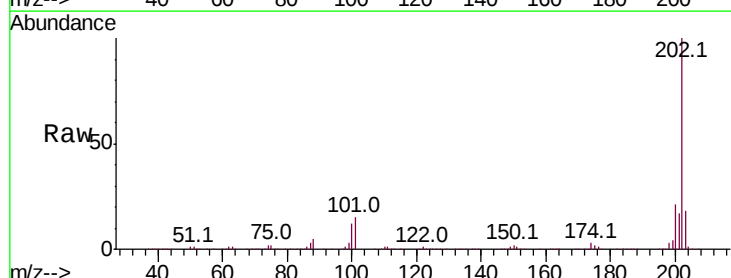
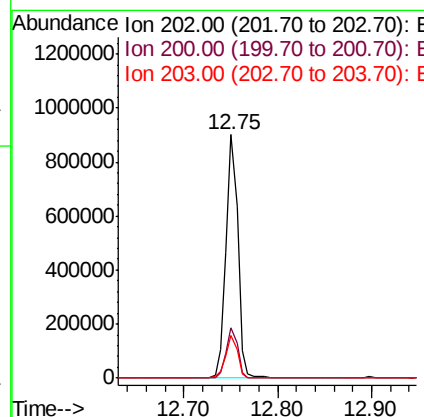
Manual Integrations
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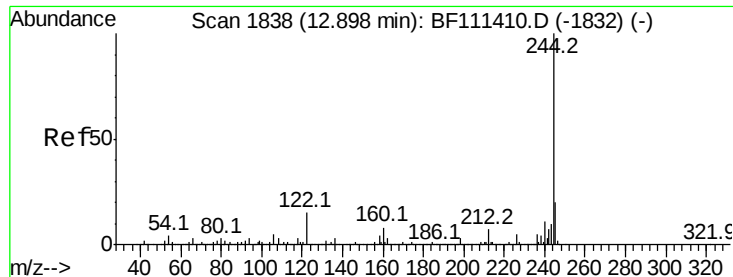
Sohil
12/17/2018 2:36:44 PM



#78
Pyrene
Concen: 33.637 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BF111430.D
Acq: 14 Dec 2018 20:30

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.5	19.0	28.4
203	17.5	15.2	22.8





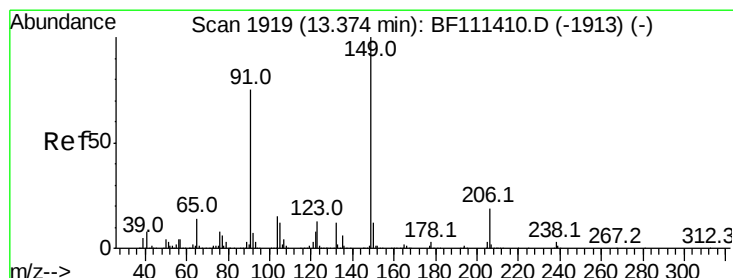
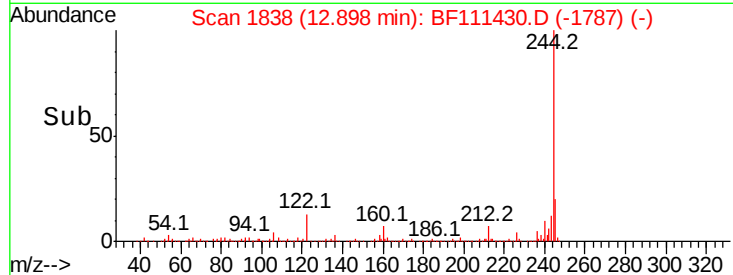
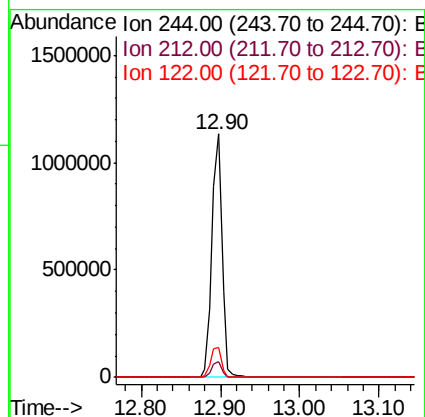
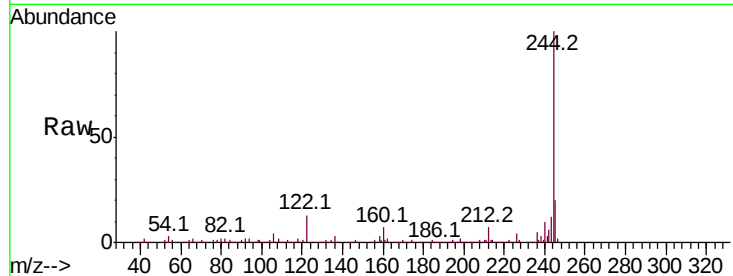
#79
 Terphenyl-d14
 Concen: 70.523 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: BF111430.D
 Acq: 14 Dec 2018 20:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-06AMSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.7	8.5
122	12.5	13.1	19.7

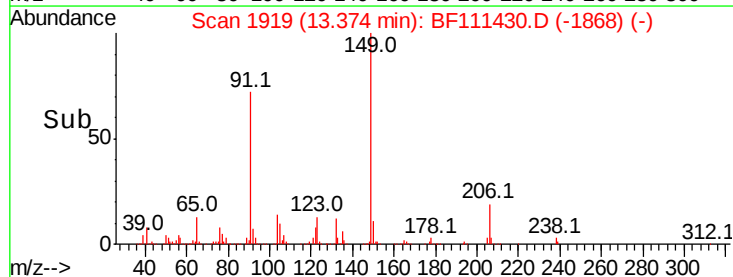
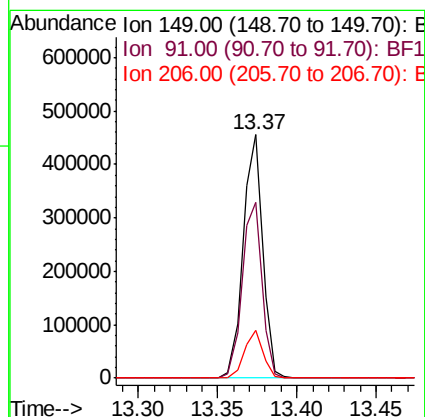
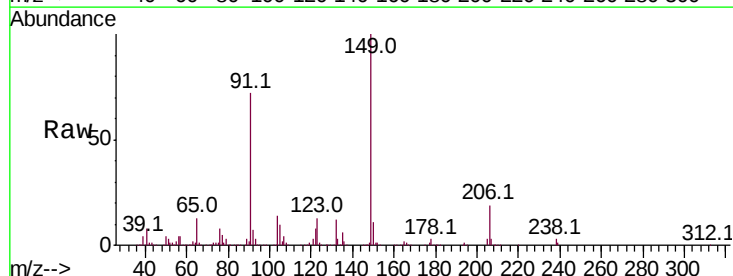
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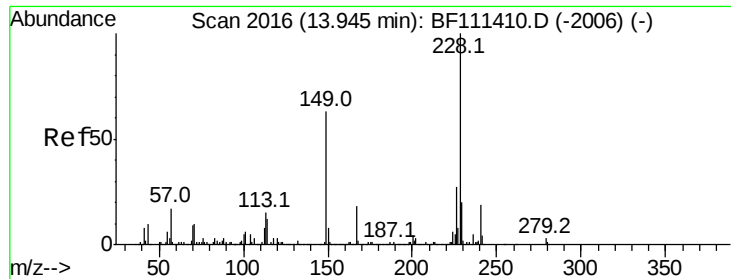
Sohil
 12/17/2018 2:36:44 PM



#80
 Butylbenzylphthalate
 Concen: 33.263 ng
 RT: 13.37 min Scan# 1919
 Delta R.T. -0.00 min
 Lab File: BF111430.D
 Acq: 14 Dec 2018 20:30

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.2	63.8	95.6
206	19.5	15.1	22.7





#81

Benzo(a)anthracene

Concen: 37.761 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

Instrument :

BNA_F

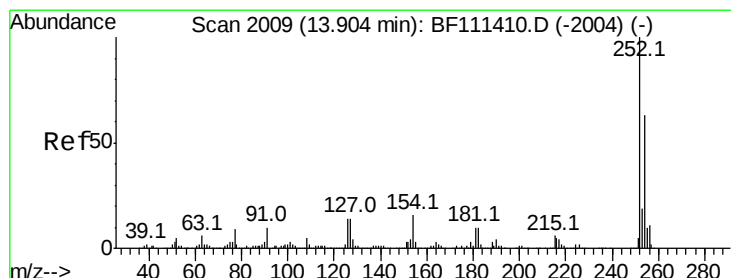
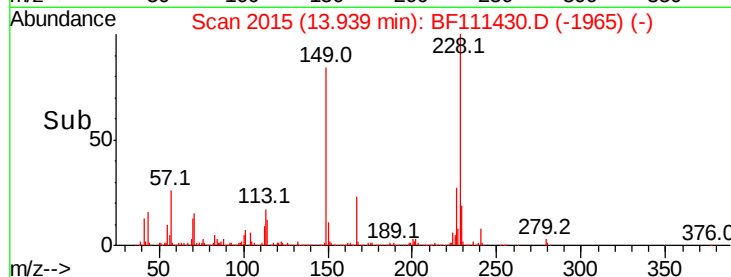
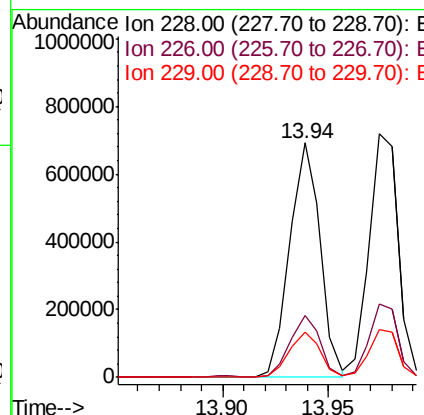
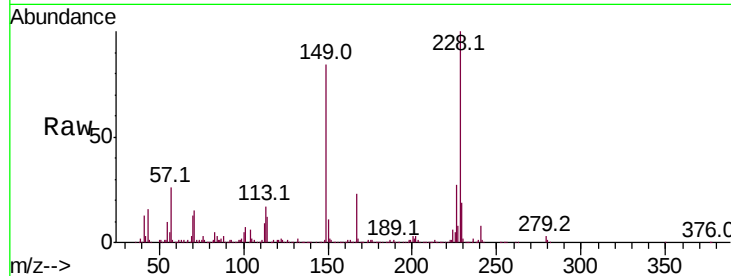
ClientSampleId :

SB-06AMSD

Tot Ion:	228	Resp:	697547
Ion Ratio	Lower	Upper	
228	100		
226	26.5	22.6	34.0
229	19.3	16.3	24.5

Manual Integrations
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Sohil
12/17/2018 2:36:44 PM



#82

3,3'-Dichlorobenzidine

Concen: 29.661 ng

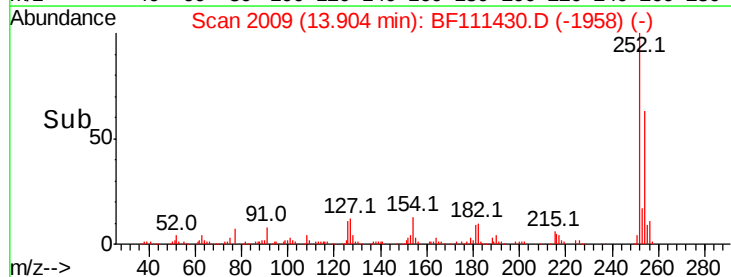
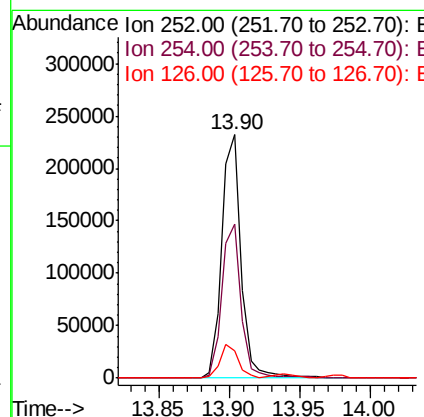
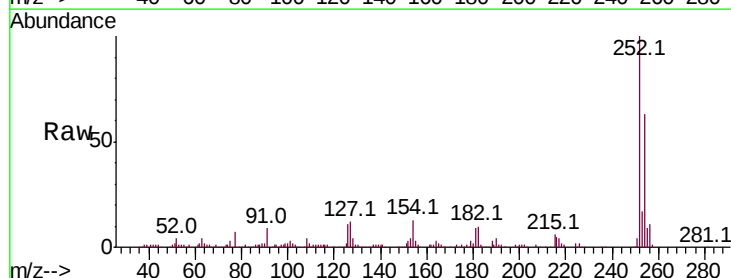
RT: 13.90 min Scan# 2009

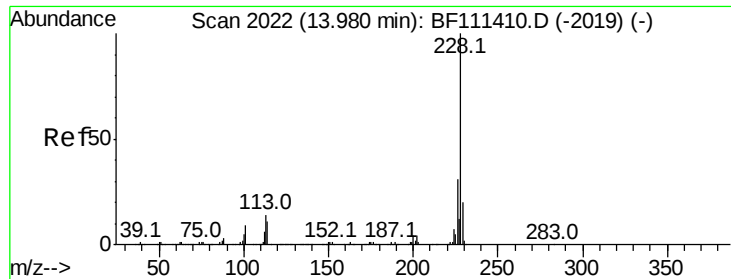
Delta R.T. -0.00 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

Tgt Ion:	252	Resp:	222741
Ion Ratio	Lower	Upper	
252	100		
254	63.1	52.7	79.1
126	11.4	11.1	16.7





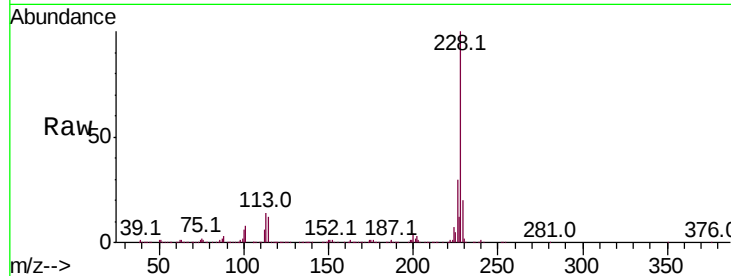
#83
Chrysene
Concen: 35.969 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF111430.D
Acq: 14 Dec 2018 20:30

Instrument :
BNA_F
ClientSampleId :
SB-06AMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.3	37.9
229	19.7	17.2	25.8

Manual Integrations
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12/17/2018 2:36:44 PM

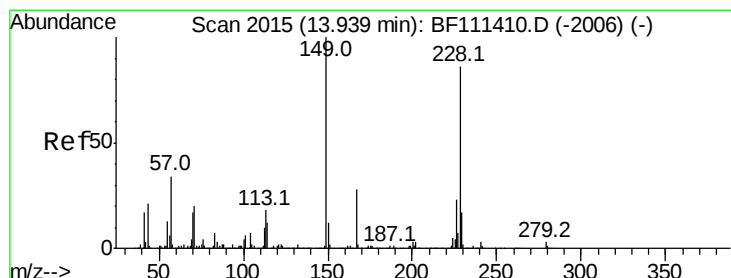
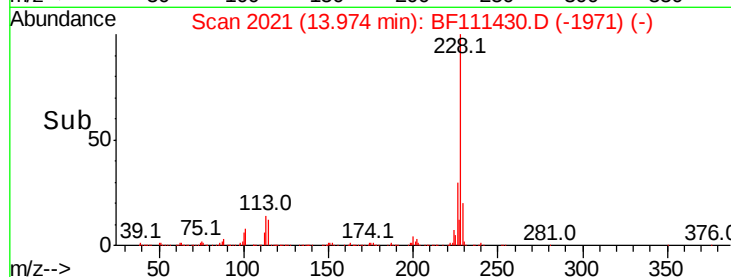
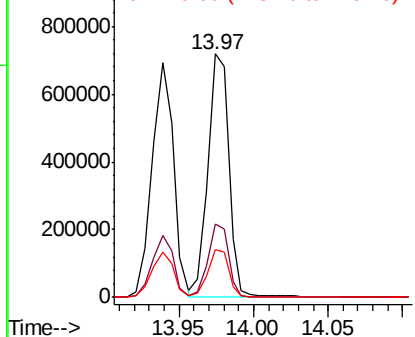


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
Bis(2-ethylhexyl)phthalate
Concen: 35.887 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BF111430.D
Acq: 14 Dec 2018 20:30

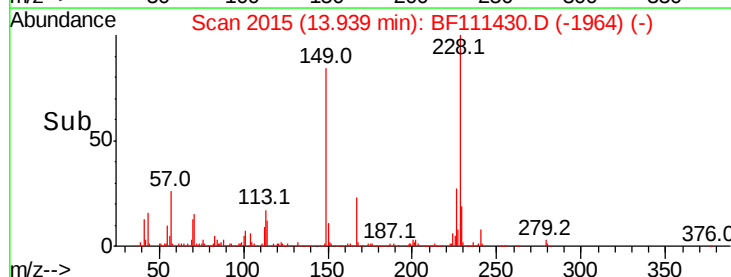
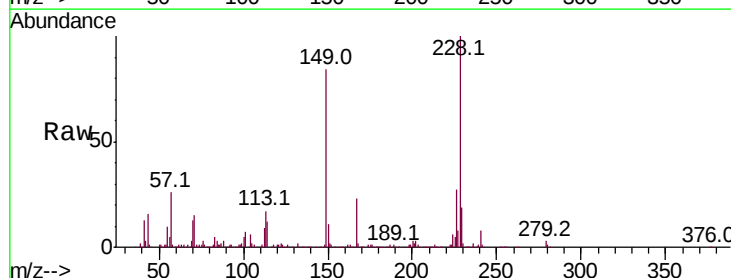
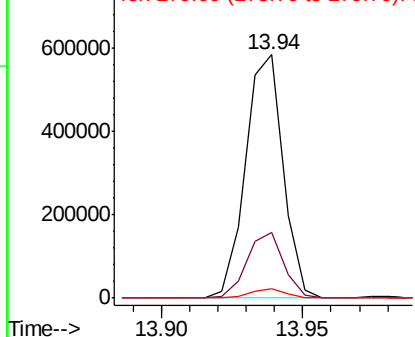
Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.8	22.5	33.7
279	3.7	2.6	4.0

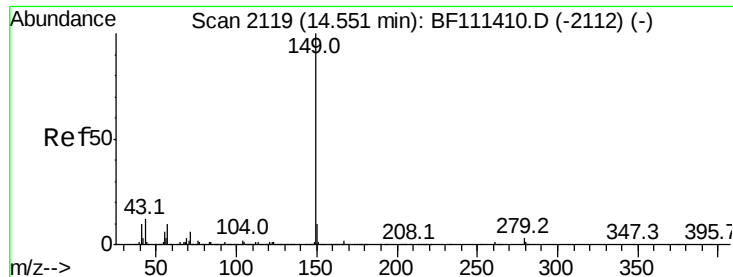
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 38.972 ng

RT: 14.54 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

Instrument :

BNA_F

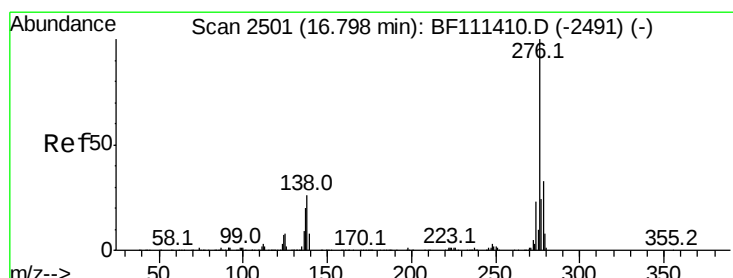
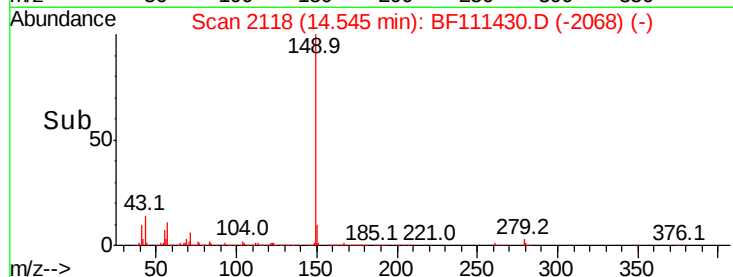
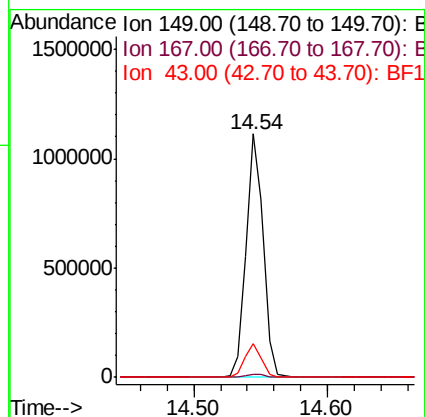
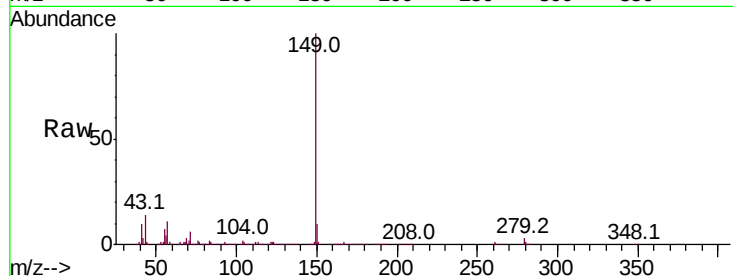
ClientSampleId :

SB-06AMSD

Tot Ion:	149	Resp:	980266
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	13.1	10.9	16.3

Manual Integrations
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Sohil
12/17/2018 2:36:44 PM



#86

Indeno(1,2,3-cd)pyrene

Concen: 32.067 ng

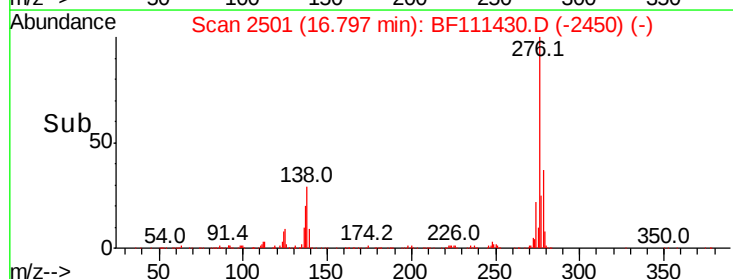
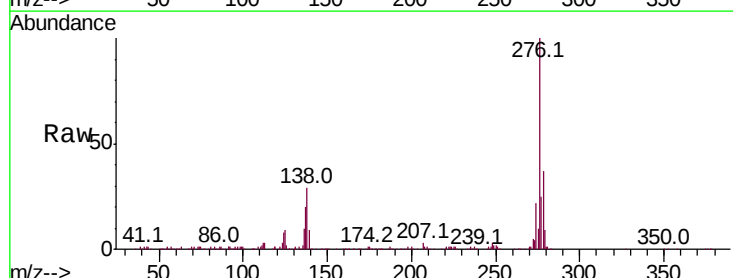
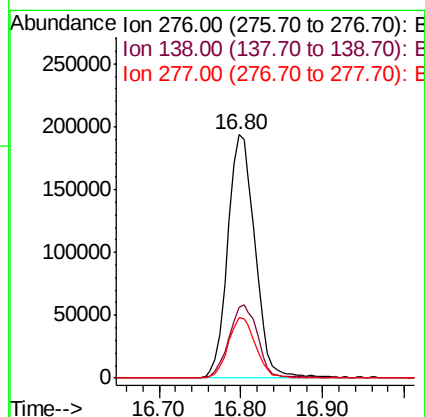
RT: 16.80 min Scan# 2501

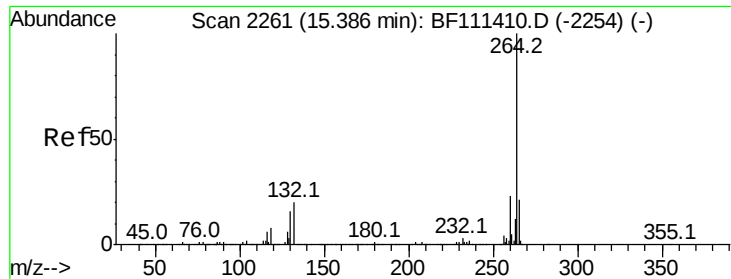
Delta R.T. -0.00 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

Tgt Ion:	276	Resp:	450367
Ion Ratio	Lower	Upper	
276	100		
138	31.4	27.8	41.6
277	25.1	20.1	30.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2261

Delta R.T. -0.00 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

Instrument :

BNA_F

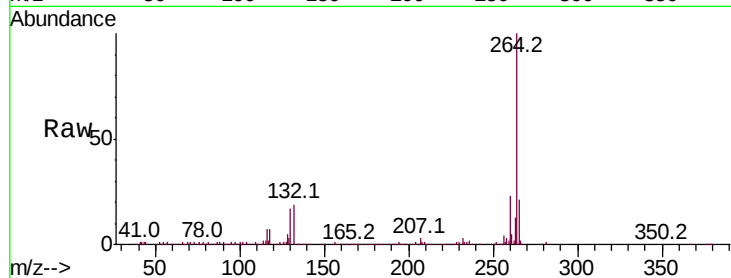
ClientSampleId :

SB-06AMSD

Tot Ion:	264	Resp:	274625
Ion Ratio	Lower	Upper	
264	100		
260	22.7	18.3	27.5
265	21.1	17.7	26.5

Manual Integrations
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Sohil
12/17/2018 2:36:44 PM

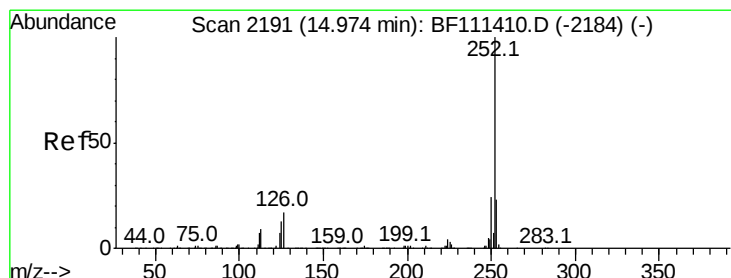
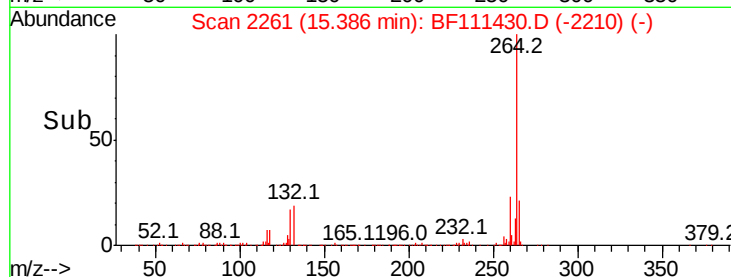
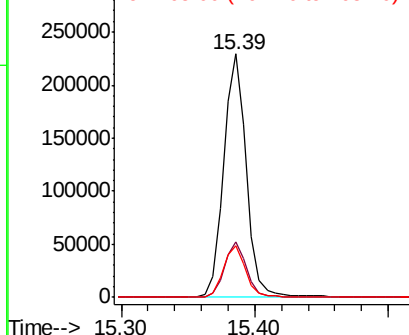


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.571 ng

RT: 14.97 min Scan# 2191

Delta R.T. -0.00 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

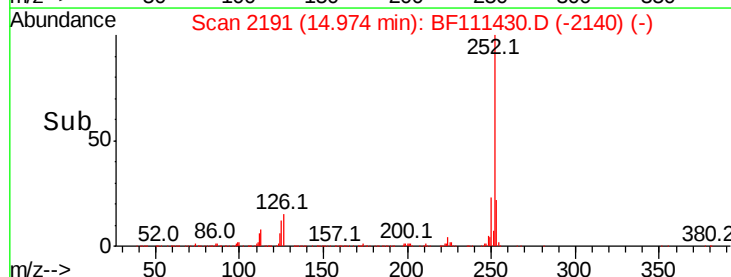
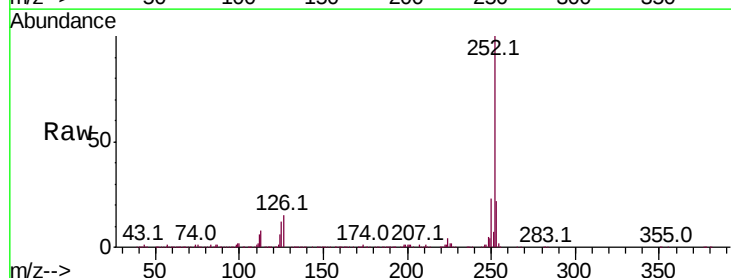
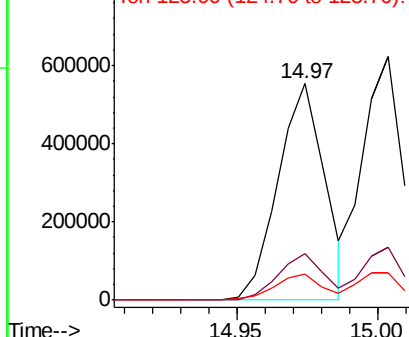
Tgt Ion:	252	Resp:	633576
Ion Ratio	Lower	Upper	
252	100		
253	21.6	18.2	27.2
125	12.0	10.4	15.6

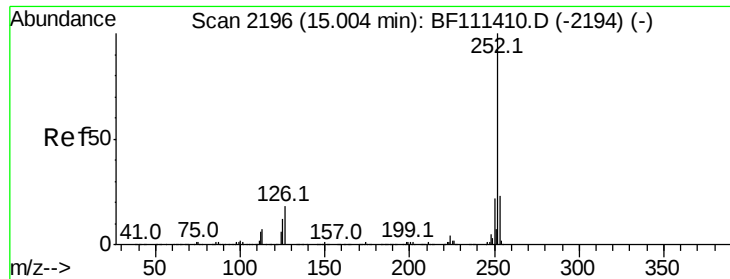
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 40.963 ng

RT: 15.00 min Scan# 2196

Delta R.T. -0.00 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

Instrument :

BNA_F

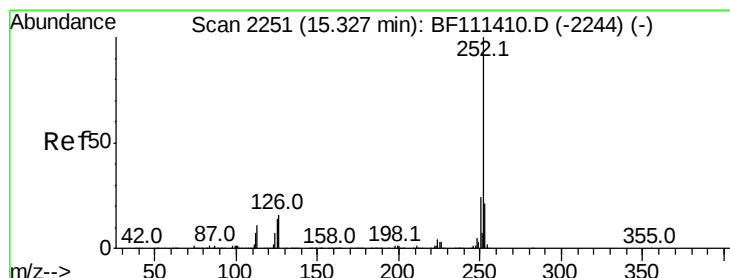
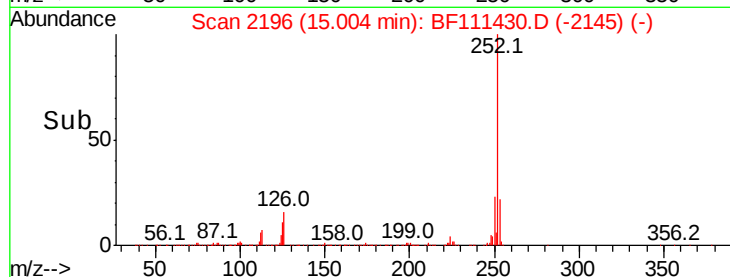
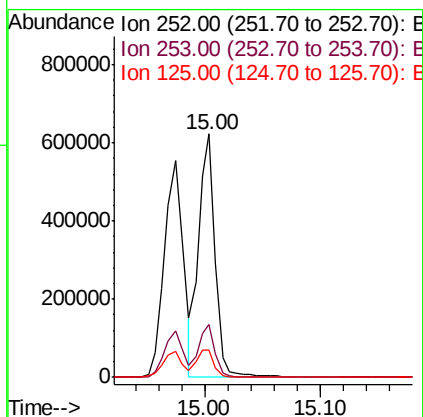
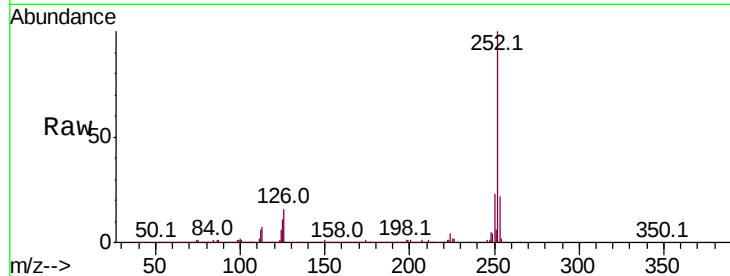
ClientSampleId :

SB-06AMSD

Tot Ion:	252	Resp:	626683
Ion Ratio	Lower	Upper	
252	100		
253	21.8	18.1	27.1
125	11.5	9.8	14.8

Manual Integrations
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12/17/2018 2:36:44 PM



#90

Benzo(a)pyrene

Concen: 38.660 ng

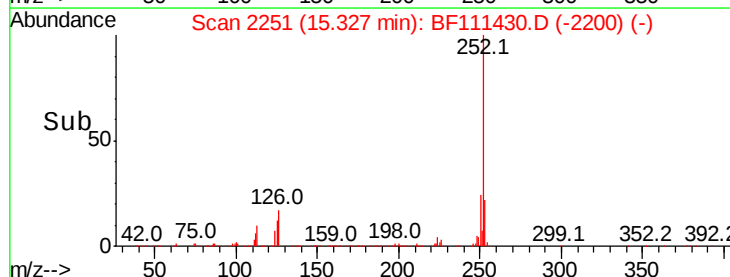
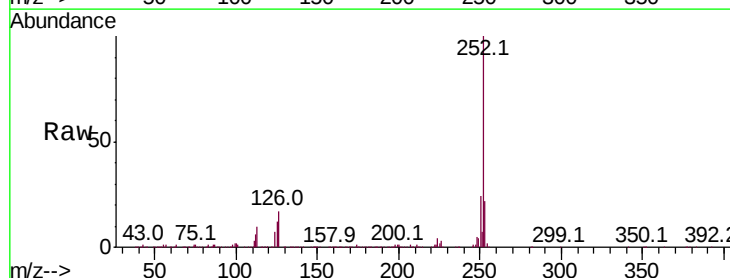
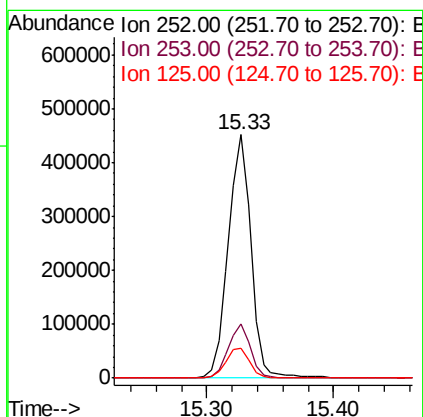
RT: 15.33 min Scan# 2251

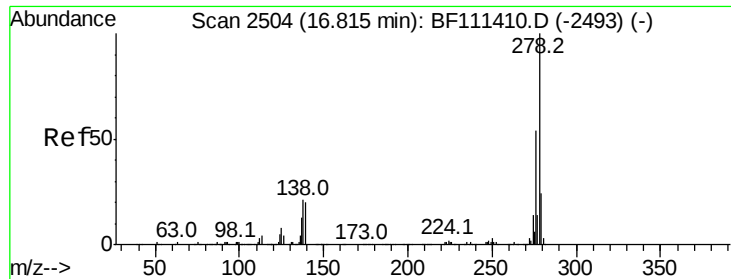
Delta R.T. -0.00 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

Tgt Ion:	252	Resp:	558181
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.8	26.8
125	12.5	12.3	18.5





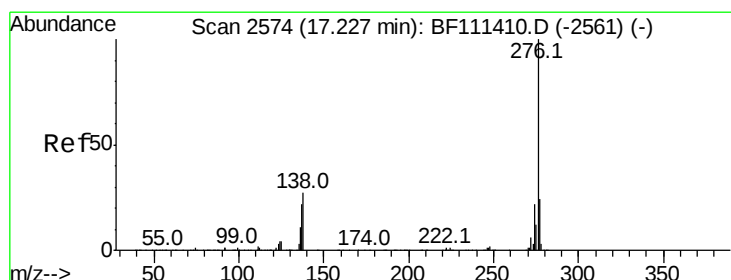
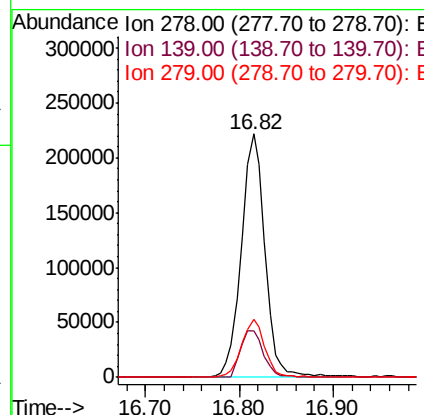
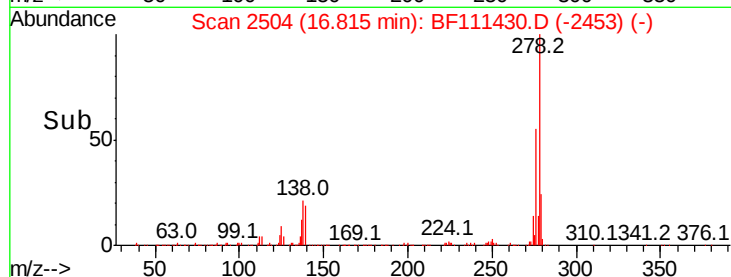
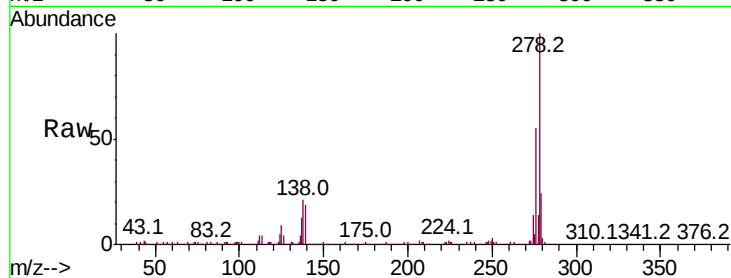
#91
Dibenzo(a,h)anthracene
Concen: 34.115 ng
RT: 16.82 min Scan# 2504
Delta R.T. -0.00 min
Lab File: BF111430.D
Acq: 14 Dec 2018 20:30

Instrument :
BNA_F
ClientSampleId :
SB-06AMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.3	18.2	27.4
279	23.8	19.0	28.6

Manual Integrations
APPROVED

Sohil
12/17/2018 2:36:44 PM



#92
Benzo(g,h,i)perylene
Concen: 32.637 ng
RT: 17.23 min Scan# 2574
Delta R.T. -0.00 min
Lab File: BF111430.D
Acq: 14 Dec 2018 20:30

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.2	19.2	28.8
138	24.2	24.9	37.3#

