

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121618\
 Data File : BF111510.D
 Acq On : 16 Dec 2018 16:00
 Operator : JU/SJ
 Sample : J6386-13MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS006-1824-01MS

Manual Integrations
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Sohil
 12/17/2018 11:19:46 AM

Quant Time: Dec 17 07:13:53 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	180204	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	1024253	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	450541	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	629637	20.00	ng	0.00
76) Chrysene-d12	13.95	240	372205	20.00	ng	0.00
87) Perylene-d12	15.39	264	382091	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1313587	121.30	ng	0.00
7) Phenol-d6	6.44	99	1858900	129.05	ng	0.00
23) Nitrobenzene-d5	7.35	82	1242145	72.22	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	378878	93.88	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2446145	83.86	ng	0.00
79) Terphenyl-d14	12.90	244	1421403	89.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	175851	33.622	ng	98
3) Pyridine	3.27	79	373778	28.455	ng	98
4) n-Nitrosodimethylamine	3.20	42	273877	45.901	ng	91
6) Aniline	6.45	93	186375	10.431	ng	# 1
8) 2-Chlorophenol	6.58	128	594884	45.975	ng	97
9) Benzaldehyde	6.33	77	187444	21.454	ng	95
10) Phenol	6.45	94	762628	47.526	ng	99
11) bis(2-Chloroethyl)ether	6.53	93	567320	45.100	ng	99
12) 1,3-Dichlorobenzene	6.73	146	522646	36.694	ng	98
13) 1,4-Dichlorobenzene	6.80	146	537616	37.187	ng	97
14) 1,2-Dichlorobenzene	6.96	146	512494	37.681	ng	98
15) Benzyl Alcohol	6.93	79	430535	39.281	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	1052555	42.855	ng	96
17) 2-Methylphenol	7.06	107	459685	44.144	ng	# 94
18) Hexachloroethane	7.30	117	219549	40.806	ng	95
19) n-Nitroso-di-n-propylamine	7.20	70	394969	41.561	ng	94
20) 3+4-Methylphenols	7.20	107	588340	45.041	ng	# 87
22) Acetophenone	7.20	105	796695	34.844	ng	# 90
24) Nitrobenzene	7.37	77	614895	35.044	ng	97
25) Isophorone	7.61	82	1222648	42.011	ng	99
26) 2-Nitrophenol	7.69	139	360083	39.572	ng	97
27) 2,4-Dimethylphenol	7.73	122	623626	47.274	ng	98
28) bis(2-Chloroethoxy)methane	7.82	93	883239	43.961	ng	99
29) 2,4-Dichlorophenol	7.93	162	593073	42.115	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	597238	40.513	ng	98
31) Naphthalene	8.09	128	2024467	42.259	ng	97
32) Benzoic acid	7.83	122	155823	13.669	ng	97
33) 4-Chloroaniline	8.14	127	158620	7.446	ng	98
34) Hexachlorobutadiene	8.22	225	306249	37.707	ng	98
35) Caprolactam	8.51	113	156482	29.929	ng	91
36) 4-Chloro-3-methylphenol	8.63	107	606275	39.113	ng	97
37) 2-Methylnaphthalene	8.79	142	1362297	42.024	ng	99
38) 1-Methylnaphthalene	8.89	142	1281063	40.905	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	510876	41.347	ng	99

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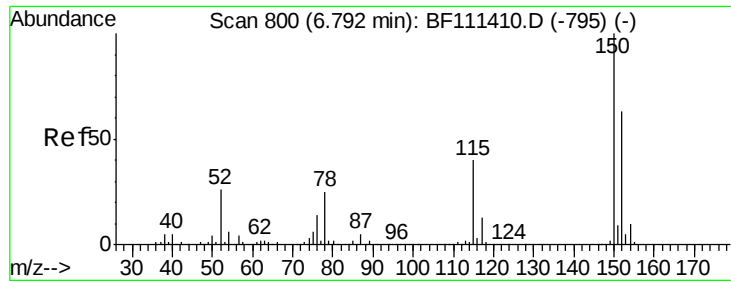
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	335181	52.838	nq	100
43) 2,4,6-Trichlorophenol	9.07	196	359125	41.067	nq	99
44) 2,4,5-Trichlorophenol	9.12	196	366490	39.384	nq	93
46) 1,1'-Biphenyl	9.25	154	1515425	39.697	nq	96
47) 2-Chloronaphthalene	9.27	162	1193274	41.123	nq	97
48) 2-Nitroaniline	9.37	65	382040	40.549	nq	91
49) Acenaphthylene	9.69	152	1856002	43.090	nq	96
50) Dimethylphthalate	9.55	163	1543918	47.583	nq	98
51) 2,6-Dinitrotoluene	9.61	165	299784	41.046	nq	95
52) Acenaphthene	9.86	154	1064540	39.103	nq	98
53) 3-Nitroaniline	9.77	138	189086	21.315	nq	92
54) 2,4-Dinitrophenol	9.88	184	19828m	7.136	nq	
55) Dibenzofuran	10.03	168	1577676	39.925	nq	95
56) 4-Nitrophenol	9.95	139	389041	63.370	nq	97
57) 2,4-Dinitrotoluene	10.01	165	360831	37.641	nq	97
58) Fluorene	10.37	166	1171114	40.859	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.15	232	250932	34.513	nq	96
60) Diethylphthalate	10.25	149	1308878	39.823	nq	98
61) 4-Chlorophenyl-phenylether	10.37	204	533668	38.056	nq	96
62) 4-Nitroaniline	10.39	138	251519	28.641	nq	93
63) Azobenzene	10.53	77	1217580	37.577	nq	95
65) 4,6-Dinitro-2-methylphenol	10.42	198	28811	8.105	nq	82
66) n-Nitrosodiphenylamine	10.49	169	1037076	47.763	nq	97
67) 4-Bromophenyl-phenylether	10.86	248	312189	46.003	nq	95
68) Hexachlorobenzene	10.93	284	299060	42.841	nq	98
69) Atrazine	11.02	200	277883	44.284	nq	98
70) Pentachlorophenol	11.12	266	263870	61.629	nq	95
71) Phenanthrene	11.33	178	1548182	47.719	nq	95
72) Anthracene	11.39	178	1421012	42.827	nq	96
73) Carbazole	11.54	167	1268215	36.962	nq	96
74) Di-n-butylphthalate	11.87	149	1344545	35.186	nq	96
75) Fluoranthene	12.52	202	1303649	41.073	nq	98
77) Benzidine	12.66	184	3964m	0.290	nq	
78) Pyrene	12.75	202	1376977	52.473	nq	96
80) Butylbenzylphthalate	13.37	149	493484	38.581	nq	95
81) Benzo(a)anthracene	13.94	228	906897	44.811	nq	99
82) 3,3'-Dichlorobenzidine	13.90	252	28082	3.413	nq	# 97
83) Chrysene	13.97	228	886567	41.584	nq	96
84) Bis(2-ethylhexyl)phthalate	13.93	149	681251	41.699	nq	98
85) Di-n-octyl phthalate	14.54	149	1120953	40.677	nq	98
86) Indeno(1,2,3-cd)pyrene	16.80	276	752410	48.899	nq	96
88) Benzo(b)fluoranthene	14.97	252	769361	34.537	nq	99
89) Benzo(k)fluoranthene	15.00	252	719321	33.794	nq	98
90) Benzo(a)pyrene	15.33	252	839754	41.804	nq	99
91) Dibenzo(a,h)anthracene	16.82	278	632718	39.929	nq	98
92) Benzo(g,h,i)perylene	17.23	276	626910	40.305	nq	99

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



#1

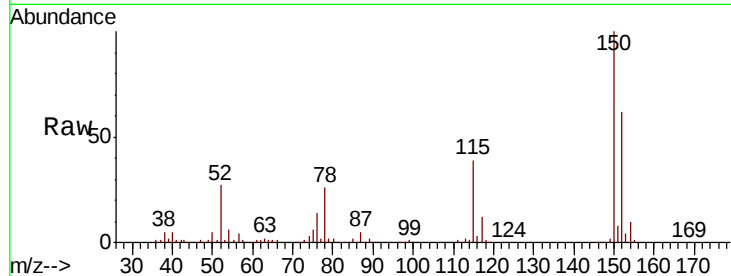
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF111510.D
Acq: 16 Dec 2018 16:00

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-01MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.2	126.6	189.8
115	63.1	50.7	76.1

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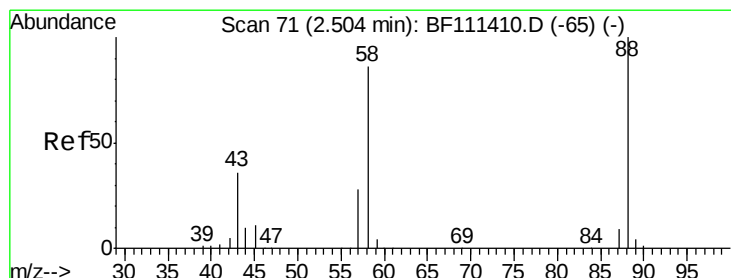
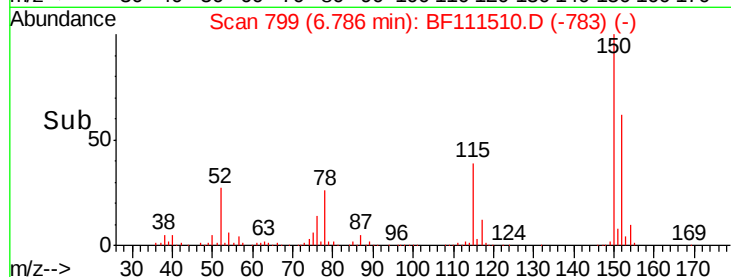
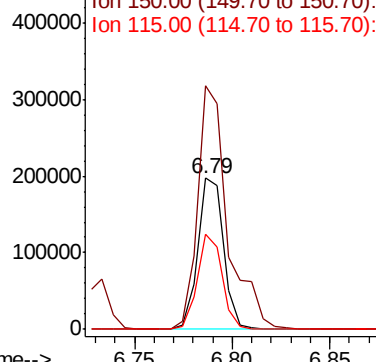


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

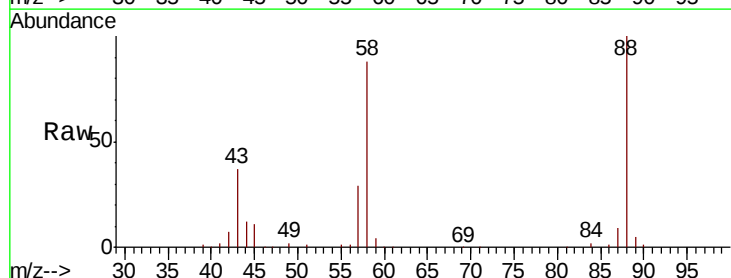
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.622 ng
RT: 2.53 min Scan# 75
Delta R.T. 0.02 min
Lab File: BF111510.D
Acq: 16 Dec 2018 16:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.3	68.9	103.3
43	35.2	25.8	38.6

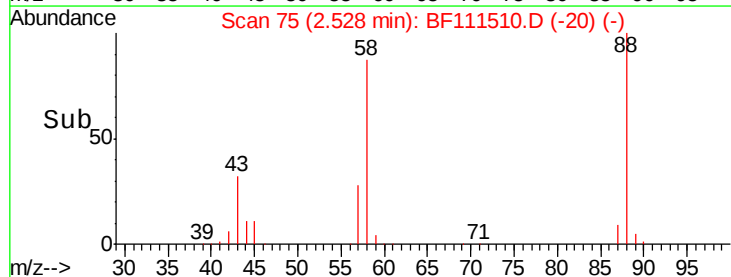
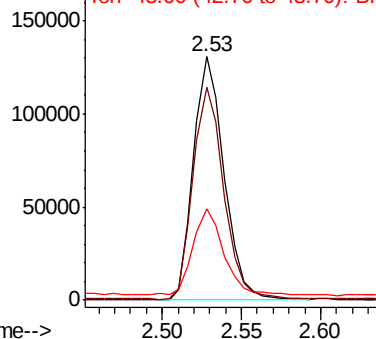


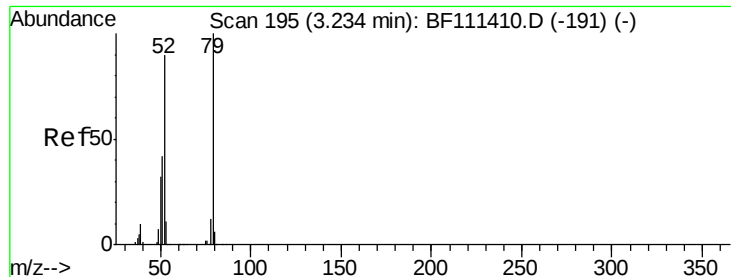
Abundance

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





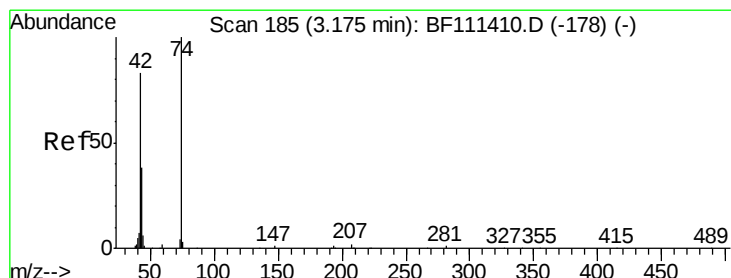
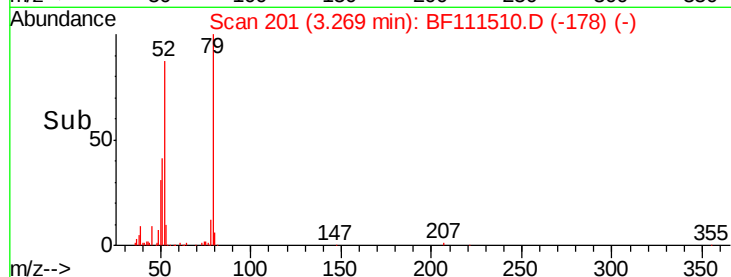
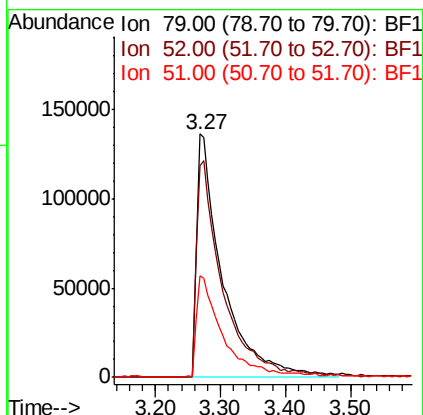
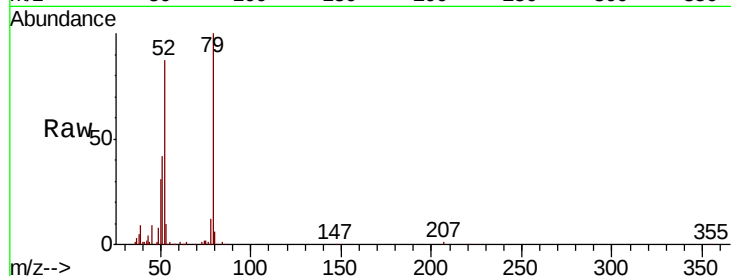
#3
 Pvridine
 Concen: 28.455 ng
 RT: 3.27 min Scan# 201
 Delta R.T. 0.04 min
 Lab File: BF111510.D
 Acq: 16 Dec 2018 16:00

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS006-1824-01MS

Tot Ion	Ion	Ratio	Lower	Upper
79	79	100		
52	52	86.9	68.3	102.5
51	51	41.8	32.6	49.0

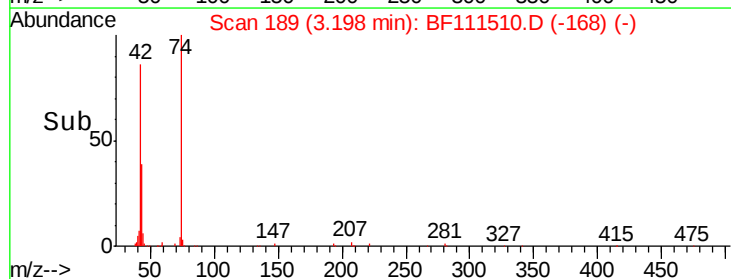
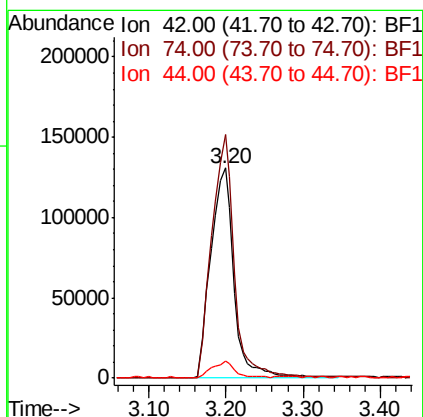
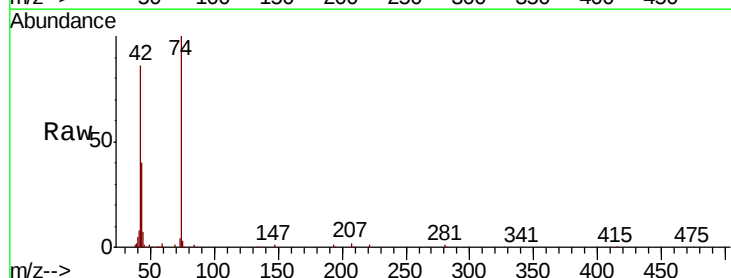
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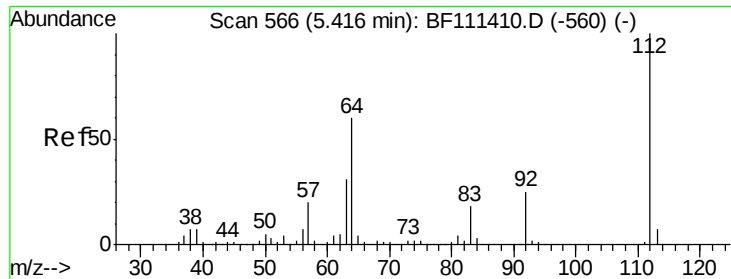
Sohil
 12/17/2018 11:19:46 AM



#4
 n-Nitrosodimethylamine
 Concen: 45.901 ng
 RT: 3.20 min Scan# 189
 Delta R.T. 0.02 min
 Lab File: BF111510.D
 Acq: 16 Dec 2018 16:00

Tgt Ion	Ion	Ratio	Lower	Upper
42	42	100		
74	74	115.9	101.5	152.3
44	44	7.8	6.0	9.0





#5

2-Fluorophenol

Concen: 121.301 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF111510.D

Acq: 16 Dec 2018 16:00

Instrument :

BNA_F

ClientSampleId :

P001-SS006-1824-01MS

Tot Ion: 112 Resp: 1313587

Ion Ratio Lower Upper

112 100

64 57.9 51.8 77.6

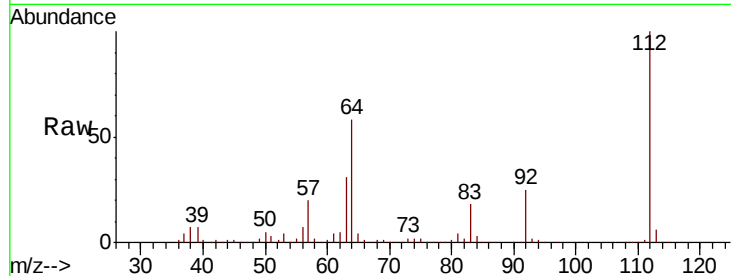
63 30.9 26.8 40.2

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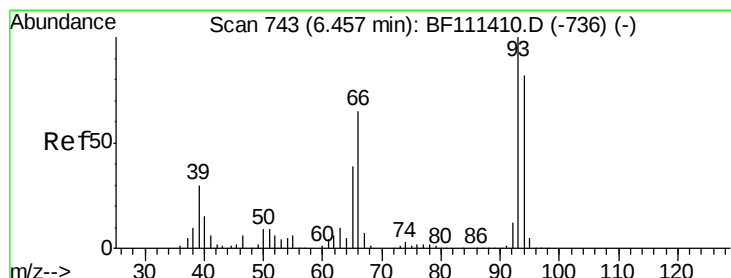
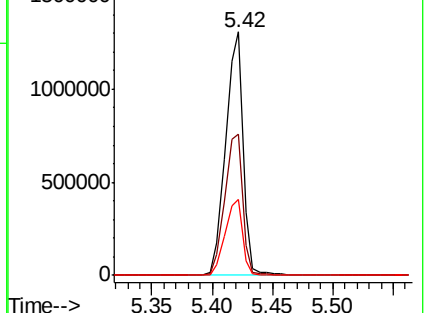
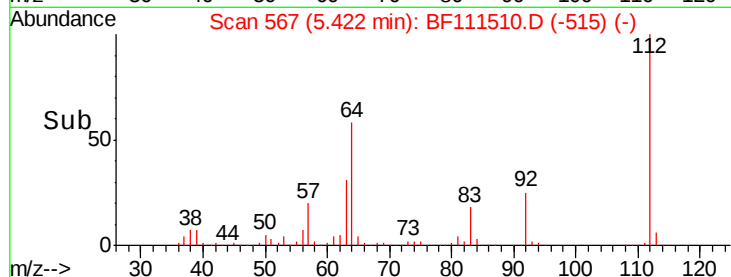
12/17/2018 11:19:46 AM



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 10.431 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF111510.D

Acq: 16 Dec 2018 16:00

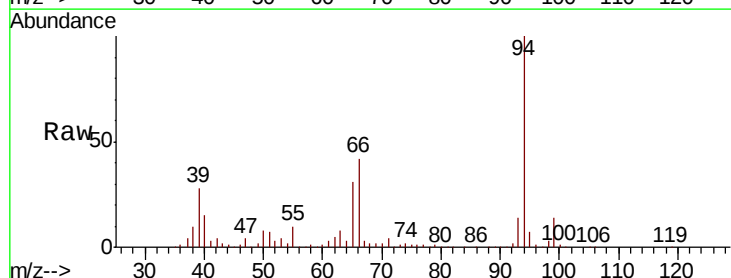
Tgt Ion: 93 Resp: 186375

Ion Ratio Lower Upper

93 100

66 299.9 33.2 49.8#

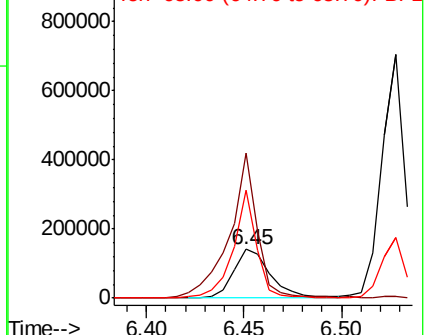
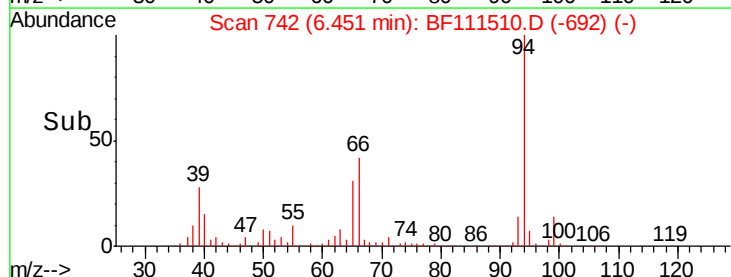
65 221.7 17.0 25.4#

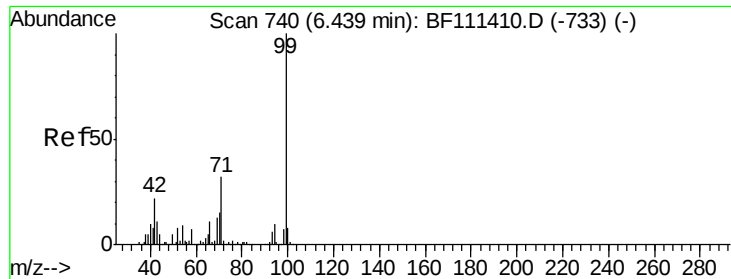


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 129.048 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF111510.D

Acq: 16 Dec 2018 16:00

Instrument :

BNA_F

ClientSampleId :

P001-SS006-1824-01MS

Tot Ion: 99 Resp: 1858900

Ion Ratio Lower Upper

99 100

42 21.9 17.4 26.0

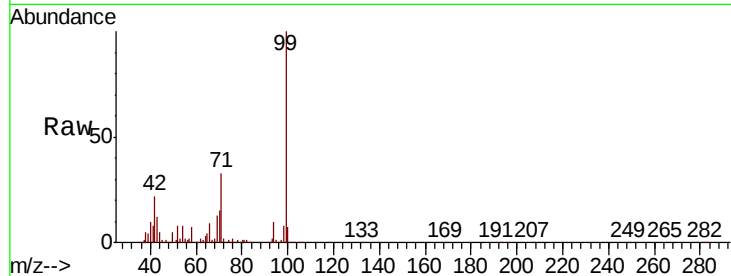
71 32.8 26.1 39.1

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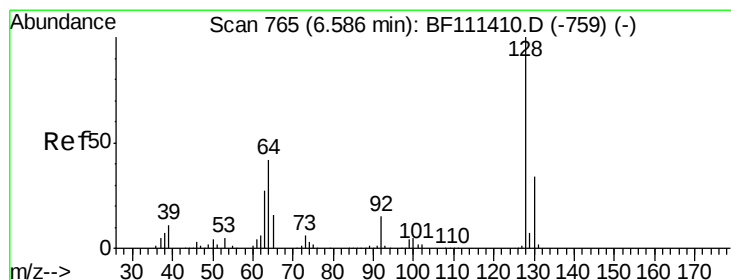
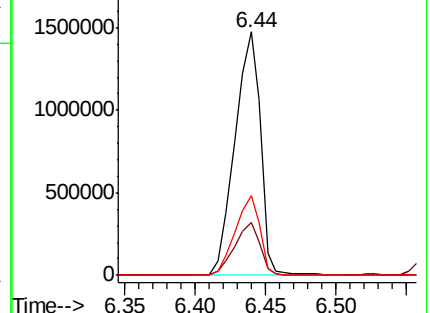
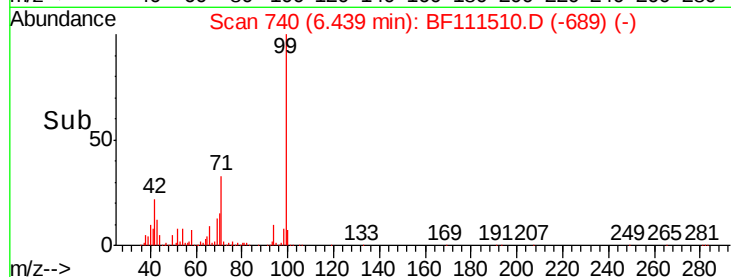
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 45.975 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF111510.D

Acq: 16 Dec 2018 16:00

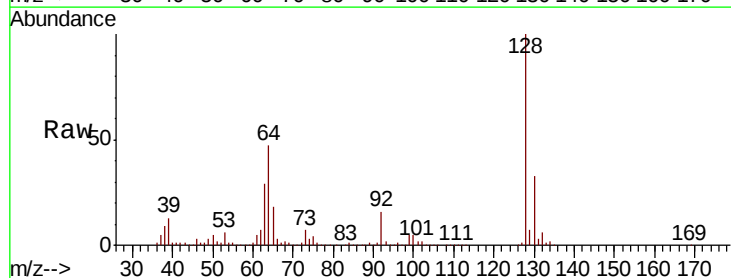
Tgt Ion: 128 Resp: 594884

Ion Ratio Lower Upper

128 100

130 33.3 12.7 52.7

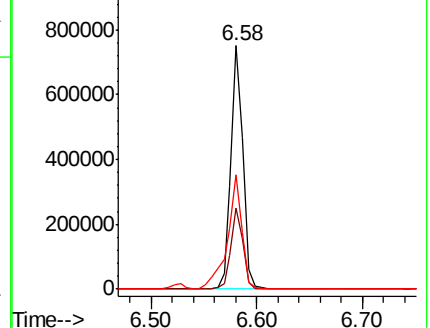
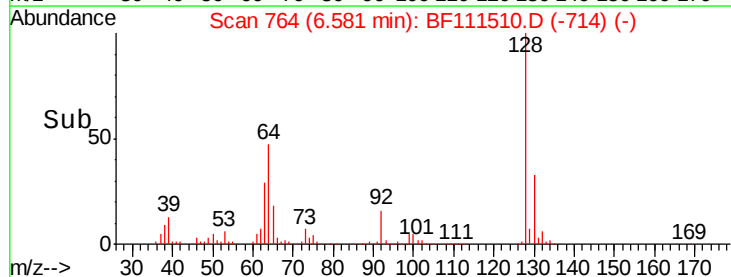
64 47.0 30.0 70.0

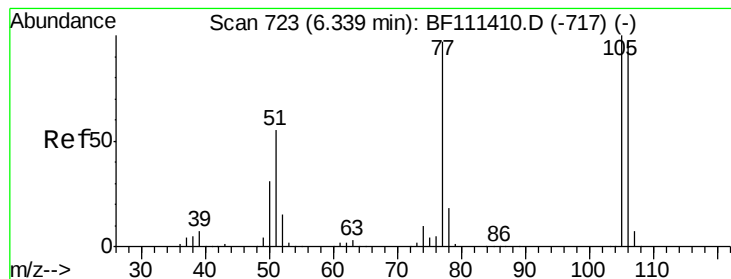


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 21.454 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF111510.D

Acq: 16 Dec 2018 16:00

Instrument :

BNA_F

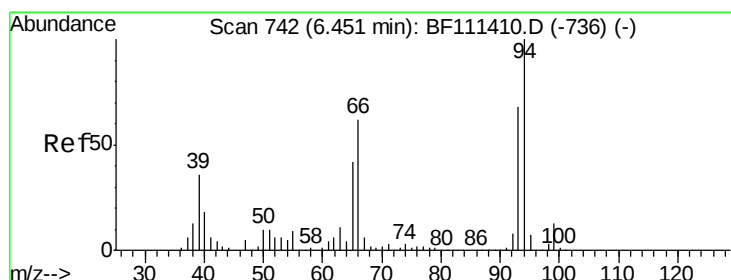
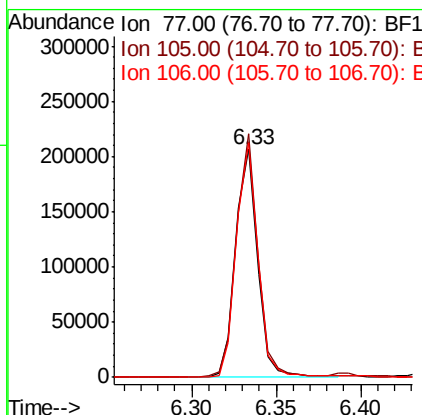
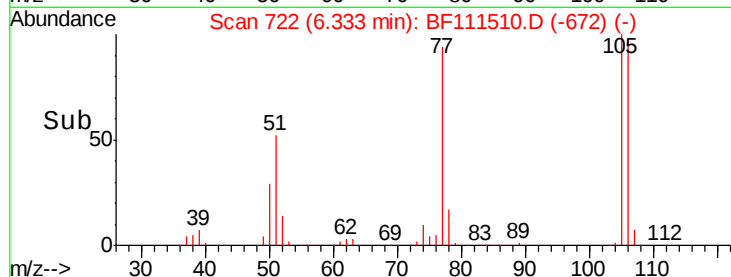
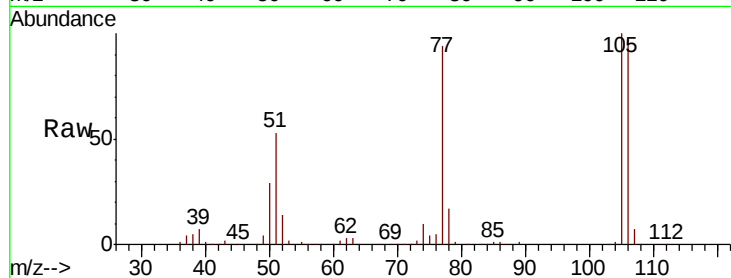
ClientSampleId :

P001-SS006-1824-01MS

Tot Ion:	77	Resp:	187444
Ion Ratio	Lower	Upper	
77	100		
105	106.8	81.4	121.4
106	103.2	77.9	117.9

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#10

Phenol

Concen: 47.526 ng

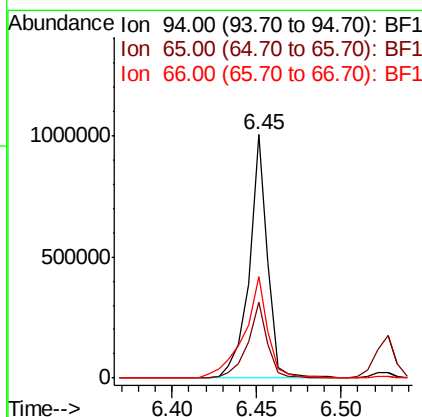
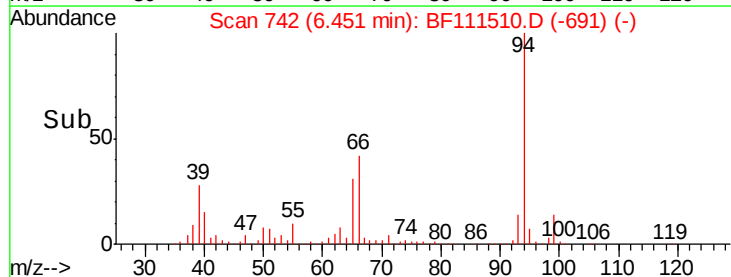
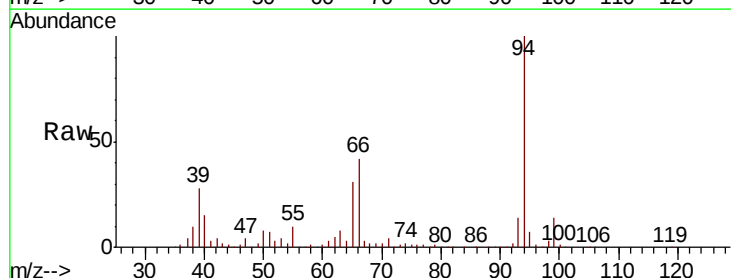
RT: 6.45 min Scan# 742

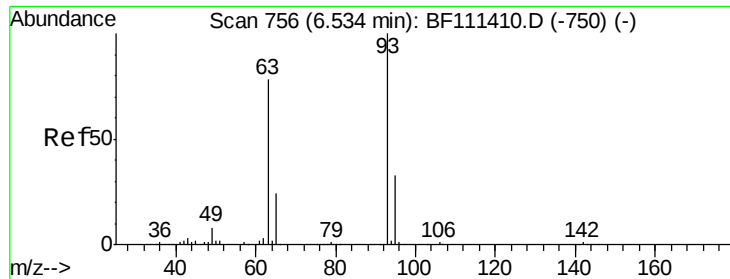
Delta R.T. -0.00 min

Lab File: BF111510.D

Acq: 16 Dec 2018 16:00

Tgt Ion:	94	Resp:	762628
Ion Ratio	Lower	Upper	
94	100		
65	31.0	11.7	51.7
66	41.9	21.0	61.0





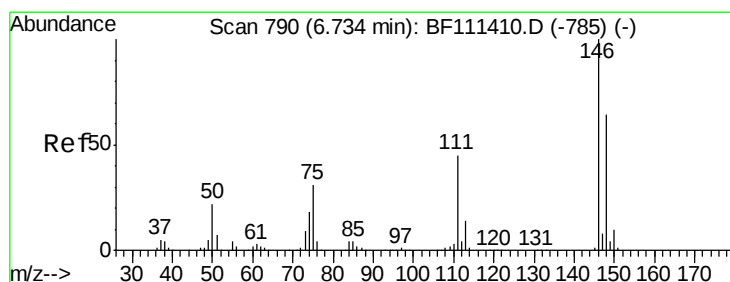
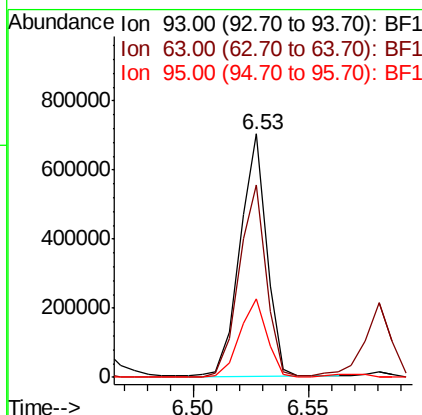
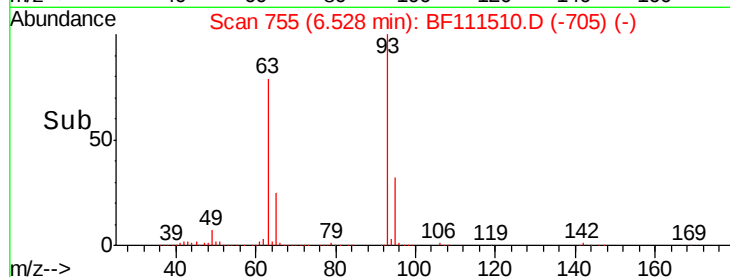
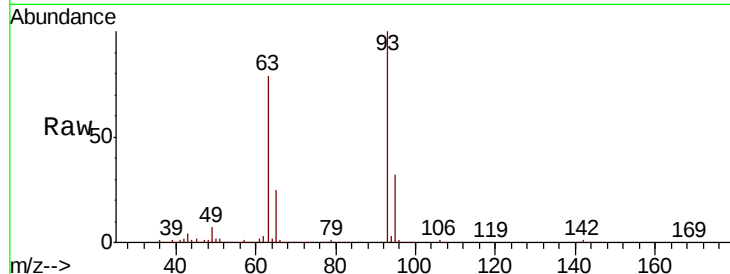
#11
bis(2-Chloroethyl)ether
Concen: 45.100 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF111510.D
Acq: 16 Dec 2018 16:00

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-01MS

Tot Ion:	93	Resp:	567320
Ion Ratio	Lower	Upper	
93	100		
63	79.2	60.0	100.0
95	32.3	13.4	53.4

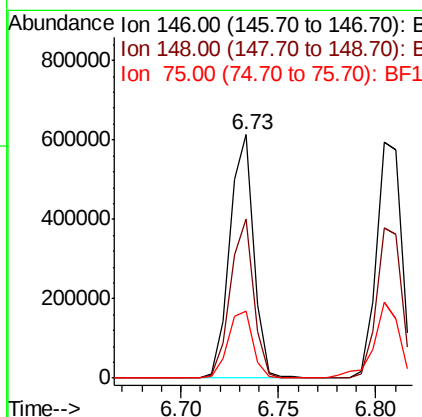
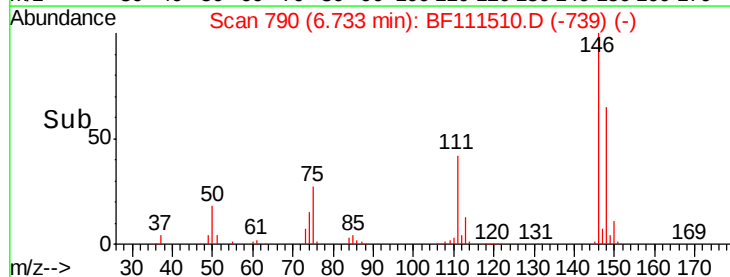
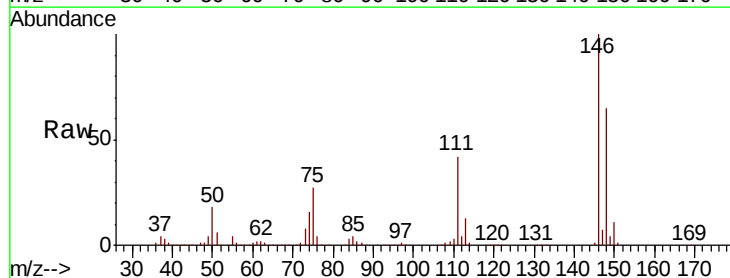
Manual Integrations
APPROVED

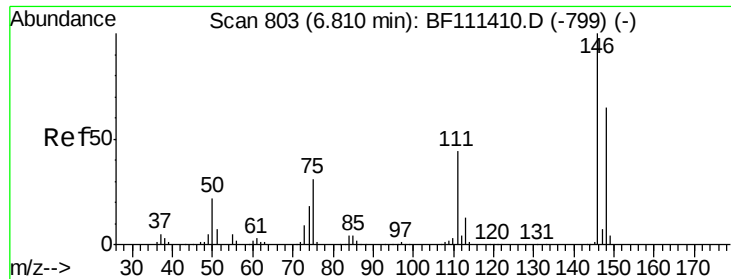
Sohil
12/17/2018 11:19:46 AM



#12
1,3-Dichlorobenzene
Concen: 36.694 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF111510.D
Acq: 16 Dec 2018 16:00

Tgt Ion:	146	Resp:	522646
Ion Ratio	Lower	Upper	
146	100		
148	65.2	52.1	78.1
75	27.3	23.9	35.9





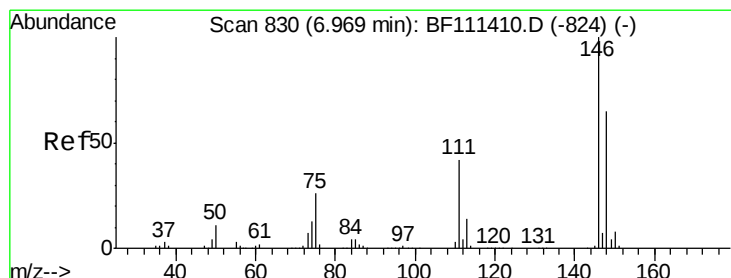
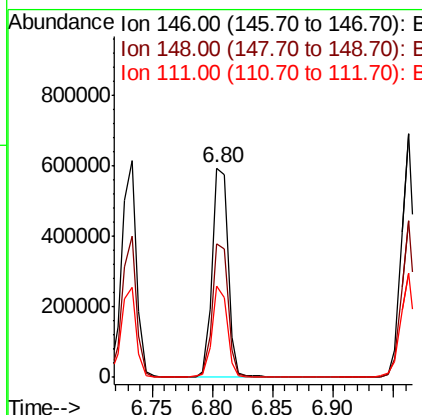
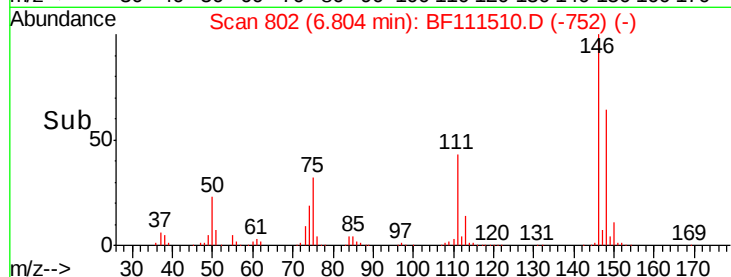
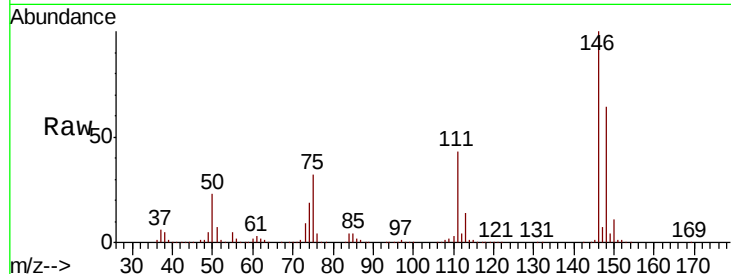
#13
 1,4-Dichlorobenzene
 Concen: 37.187 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF111510.D
 Acq: 16 Dec 2018 16:00

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS006-1824-01MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.8	79.2
111	43.5	33.4	50.0

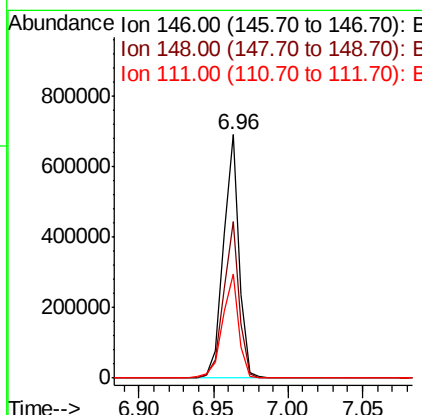
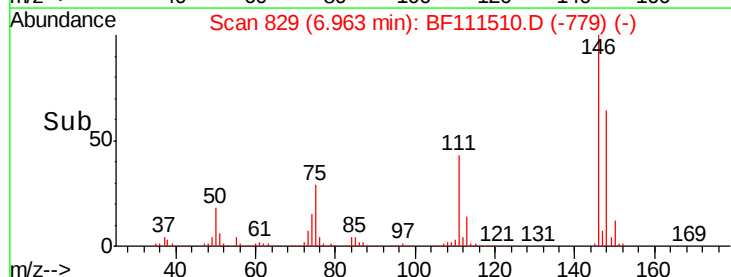
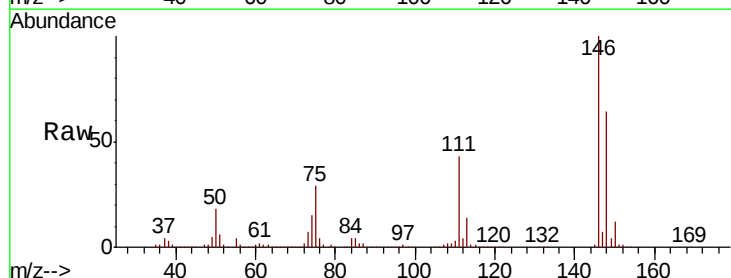
Manual Integrations
 APPROVED

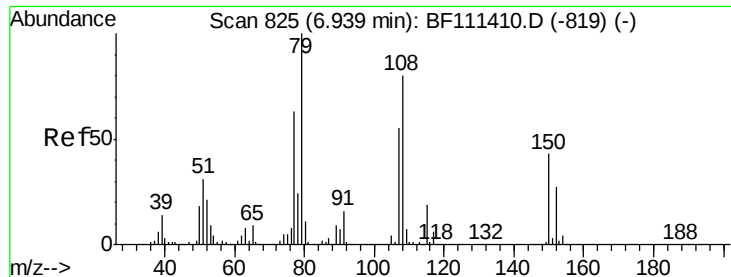
Sohil
 12/17/2018 11:19:46 AM



#14
 1,2-Dichlorobenzene
 Concen: 37.681 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF111510.D
 Acq: 16 Dec 2018 16:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.9	77.9
111	43.0	36.2	54.4





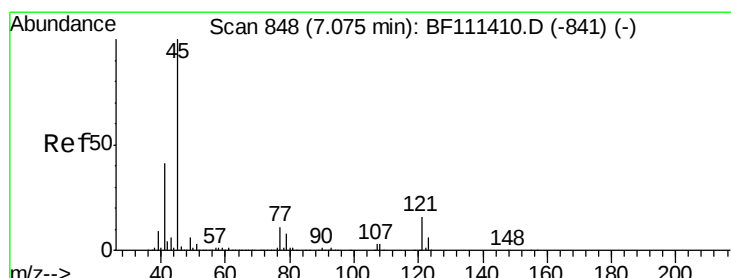
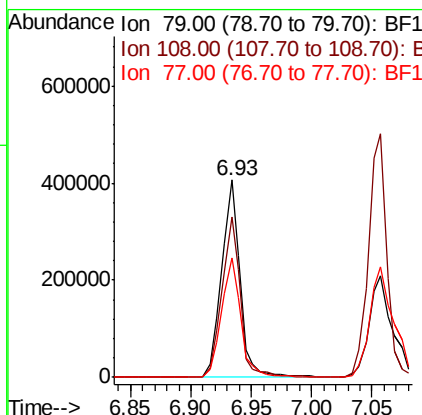
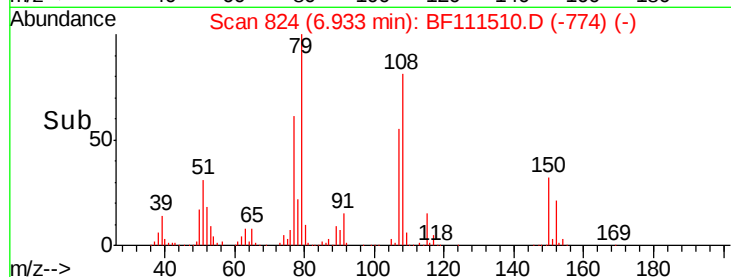
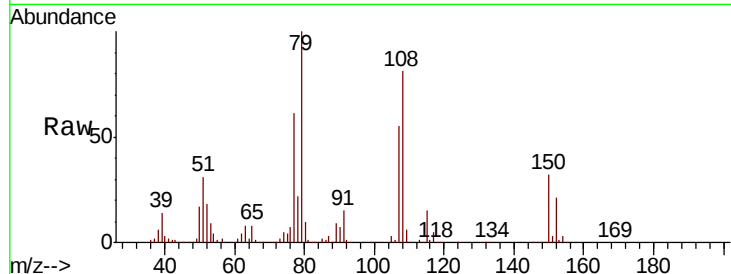
#15
Benzyl Alcohol
Concen: 39.281 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF111510.D
Acq: 16 Dec 2018 16:00

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-01MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.0	69.4	104.2
77	60.7	49.7	74.5

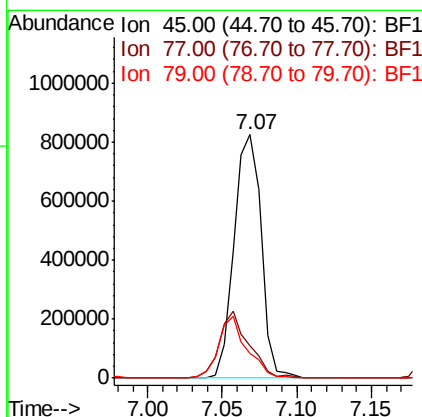
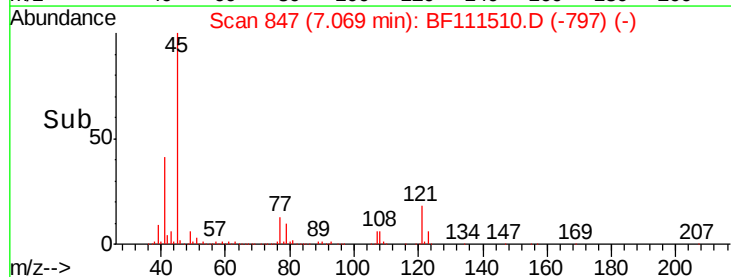
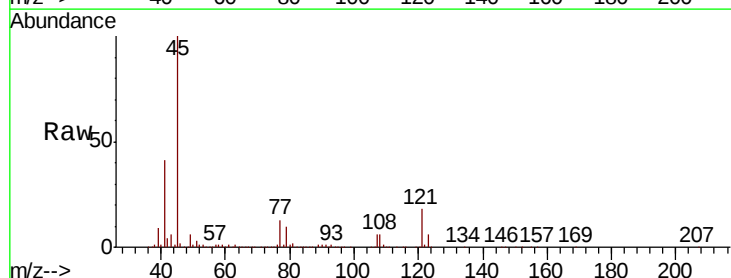
Manual Integrations
APPROVED

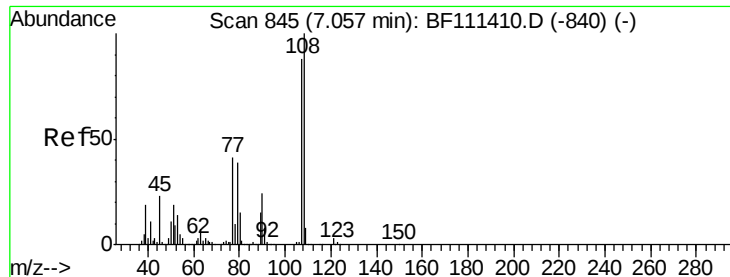
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.855 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF111510.D
Acq: 16 Dec 2018 16:00

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.1	0.0	31.5
79	10.3	0.0	28.9





#17

2-Methylphenol

Concen: 44.144 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.00 min

Lab File: BF111510.D

Acq: 16 Dec 2018 16:00

Instrument :

BNA_F

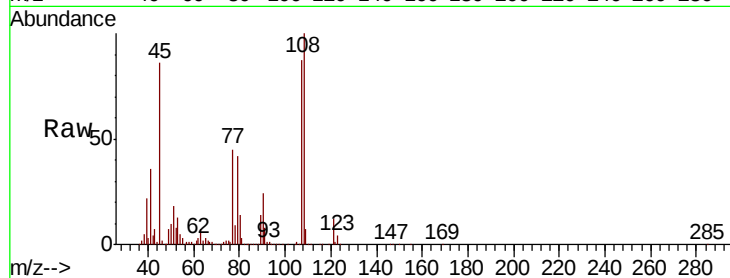
ClientSampleId :

P001-SS006-1824-01MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.9	91.0	136.4	
77	51.9	33.5	50.3	
79	48.0	33.3	49.9	

Manual Integrations
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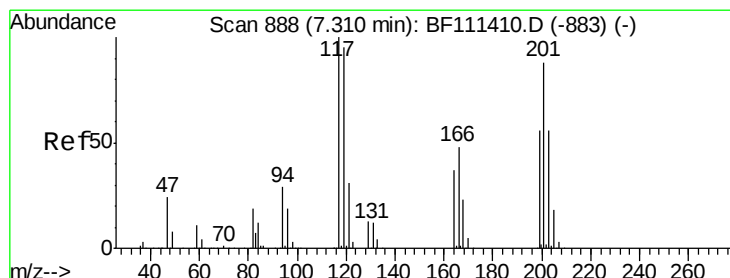
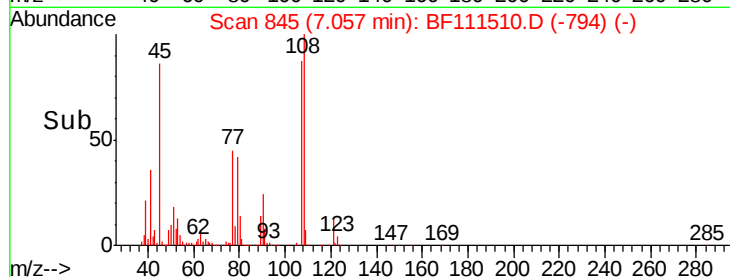
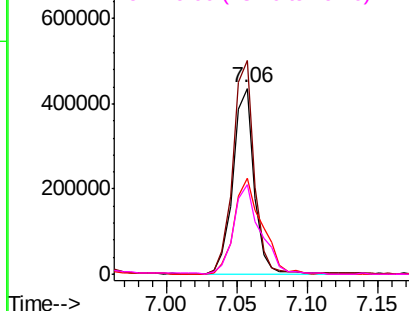
Abundance

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: 40.806 ng

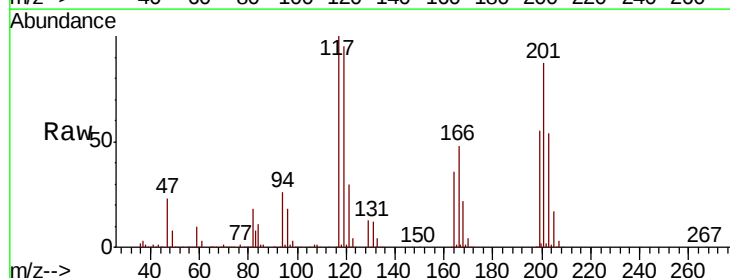
RT: 7.30 min Scan# 887

Delta R.T. -0.01 min

Lab File: BF111510.D

Acq: 16 Dec 2018 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.7	75.4	113.0	
201	86.8	62.4	93.6	

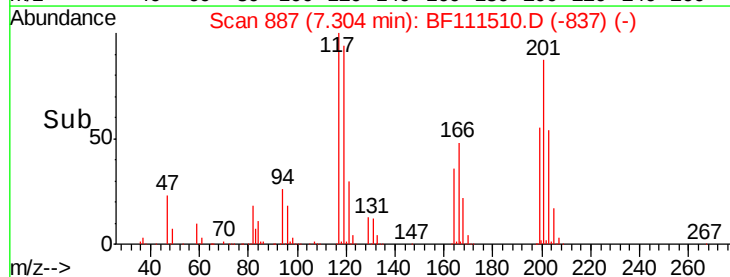
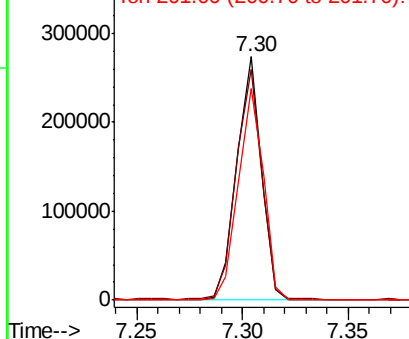


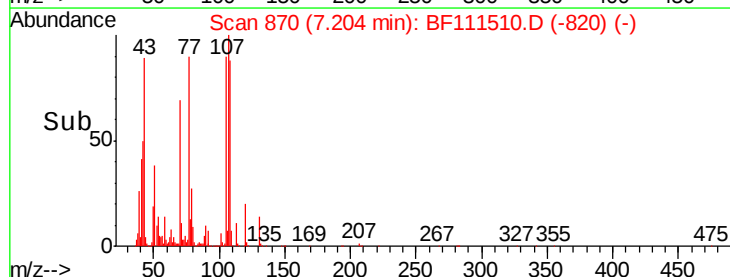
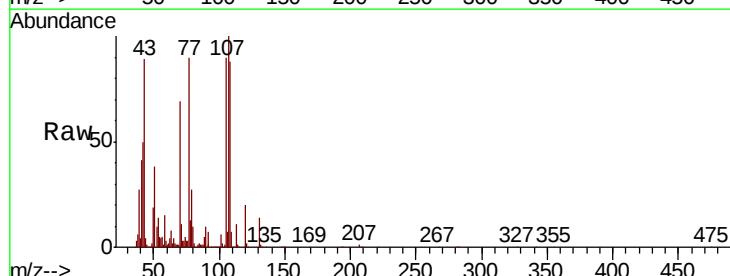
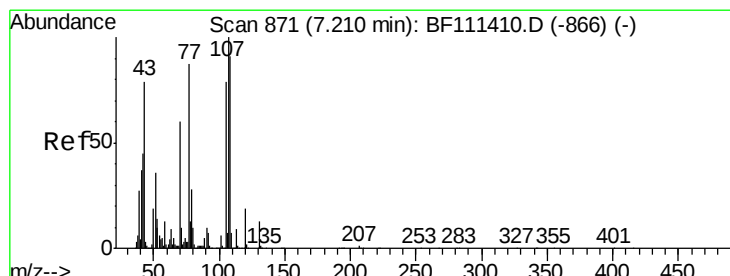
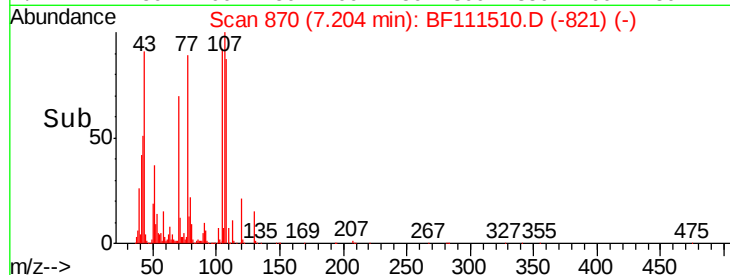
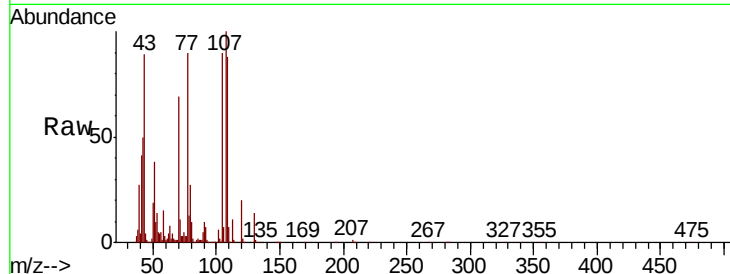
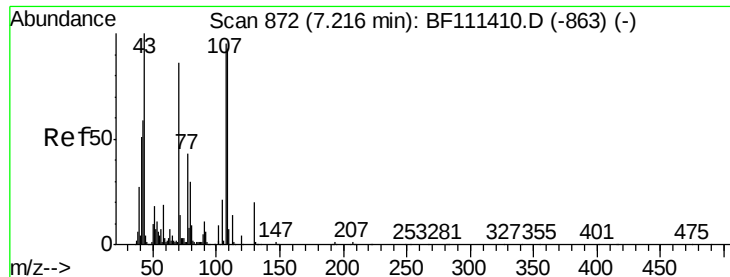
Abundance

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





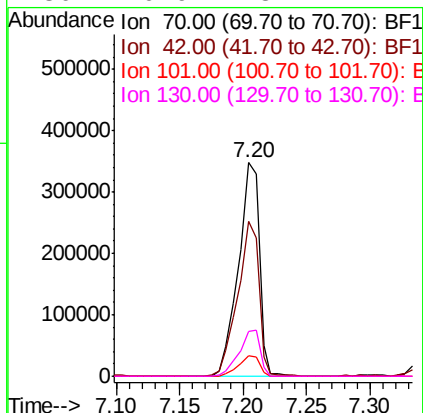
#19
n-Nitroso-di-n-propylamine
Concen: 41.561 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF111510.D
Acq: 16 Dec 2018 16:00

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-01MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	72.6	53.2	79.8
101	9.5	8.2	12.4
130	20.9	18.1	27.1

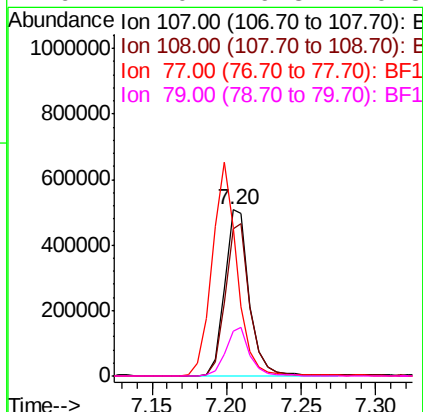
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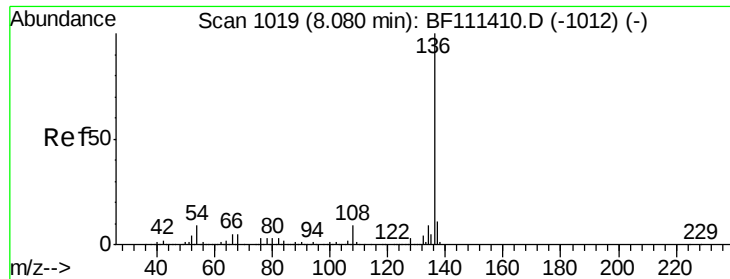
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#20
3+4-Methylphenols
Concen: 45.041 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF111510.D
Acq: 16 Dec 2018 16:00

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.3	72.1	112.1
77	89.7	94.1	134.1#
79	27.0	9.8	49.8





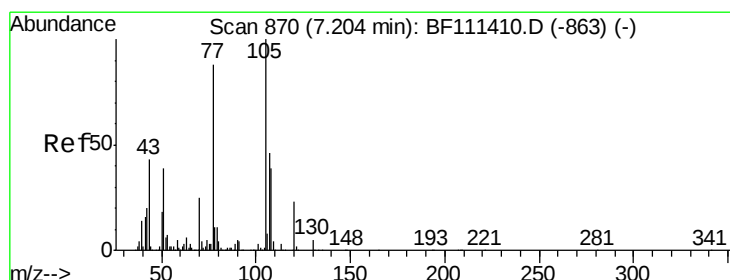
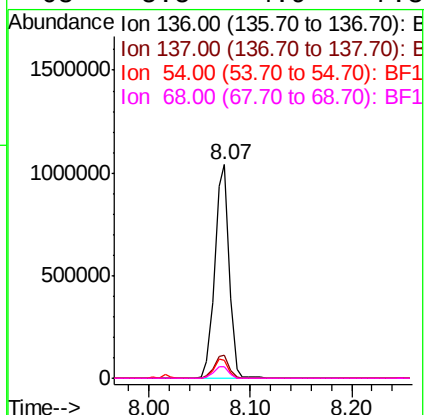
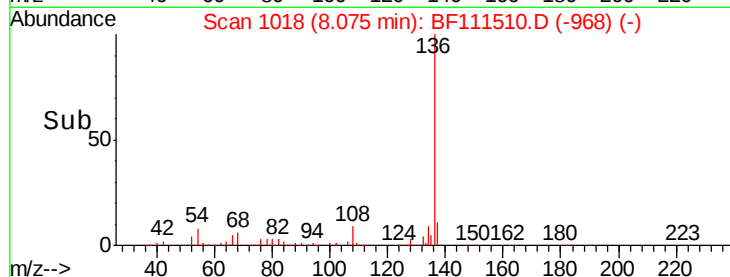
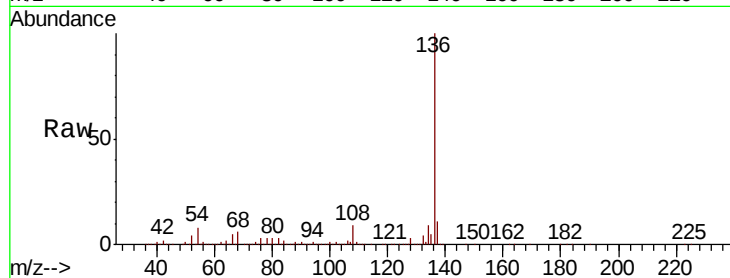
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111510.D
Acq: 16 Dec 2018 16:00

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-01MS

Tot Ion	136	Resp	1024253
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	8.3	7.7	11.5
68	5.5	4.9	7.3

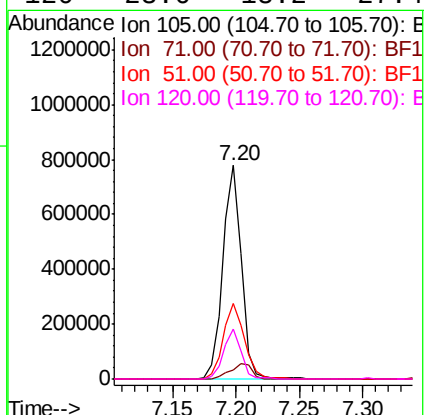
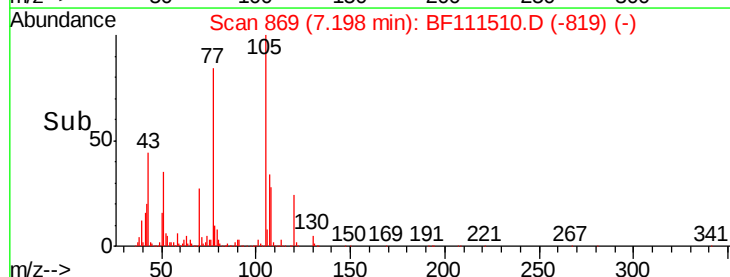
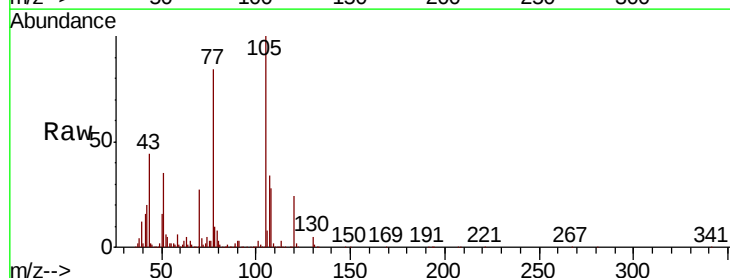
Manual Integrations
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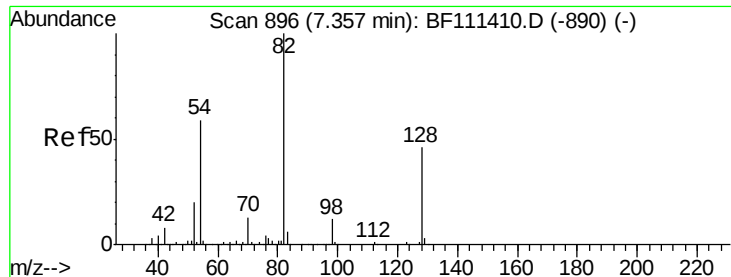
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#22
Acetophenone
Concen: 34.844 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF111510.D
Acq: 16 Dec 2018 16:00

Tgt Ion	105	Resp	796695
Ion	Ratio	Lower	Upper
105	100		
71	4.4	3.1	4.7
51	35.4	36.6	54.8#
120	23.6	18.2	27.4





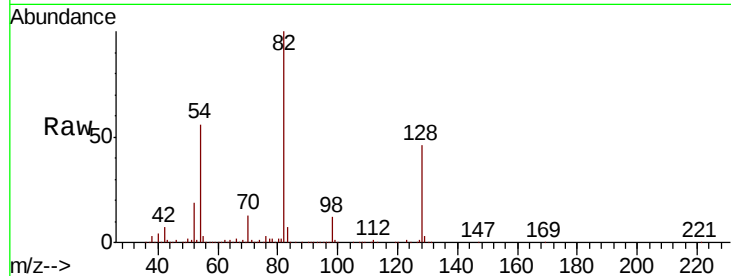
#23
Nitrobenzene-d5
Concen: 72.217 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111510.D
Acq: 16 Dec 2018 16:00

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-01MS

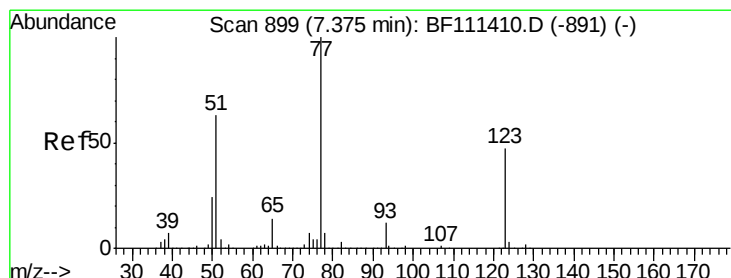
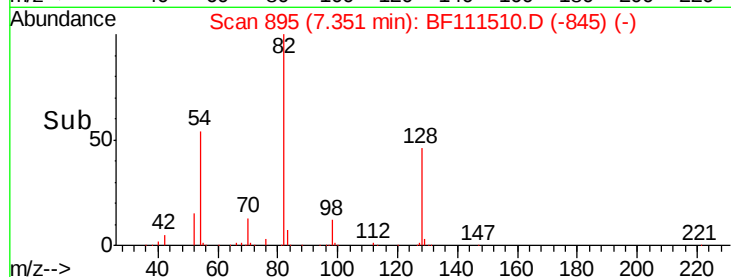
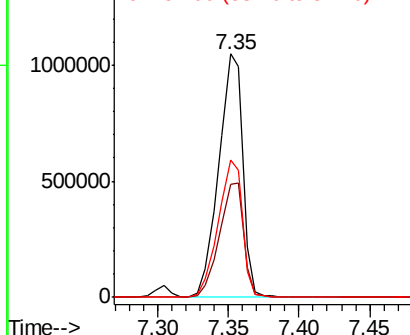
Tot Ion: 82 Resp: 1242145
Ion Ratio Lower Upper
82 100
128 46.2 37.4 56.2
54 56.3 47.6 71.4

Manual Integrations
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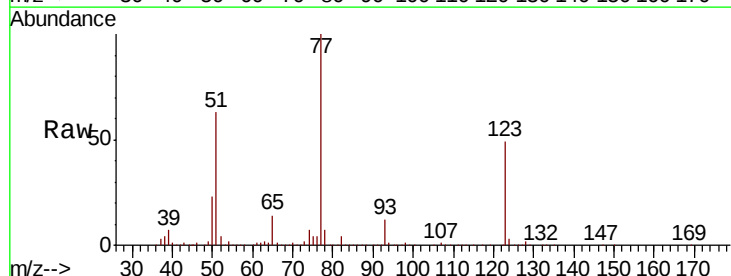


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

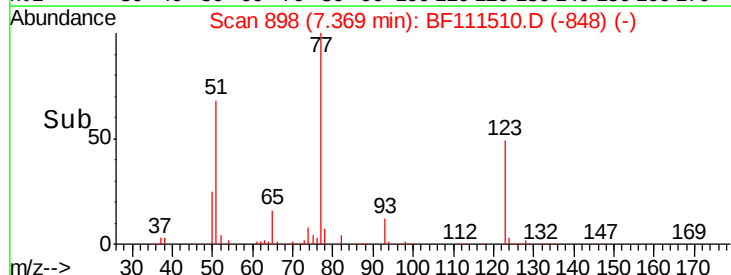
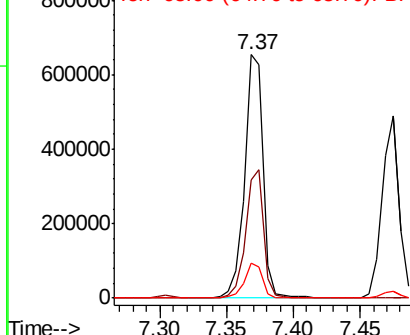


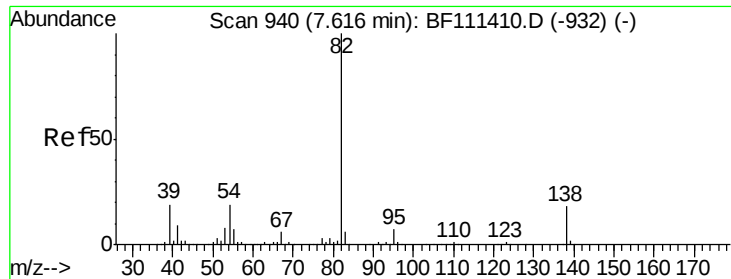
#24
Nitrobenzene
Concen: 35.044 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF111510.D
Acq: 16 Dec 2018 16:00

Tgt Ion: 77 Resp: 614895
Ion Ratio Lower Upper
77 100
123 48.7 37.2 55.8
65 14.3 11.5 17.3



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





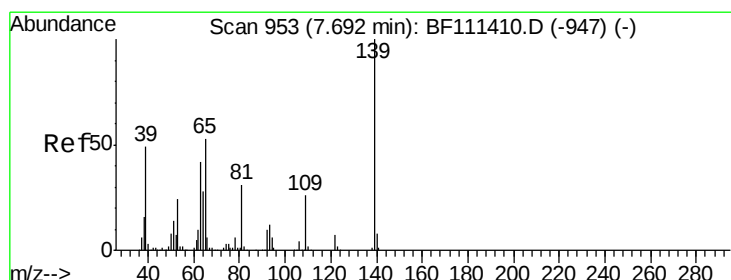
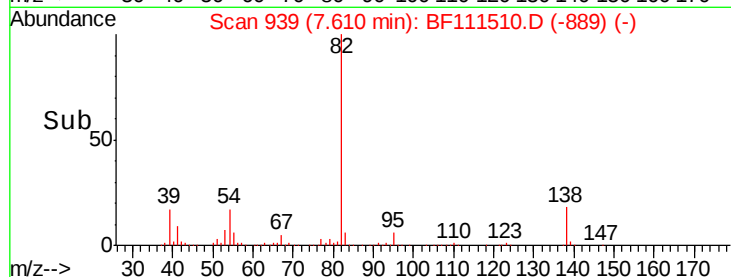
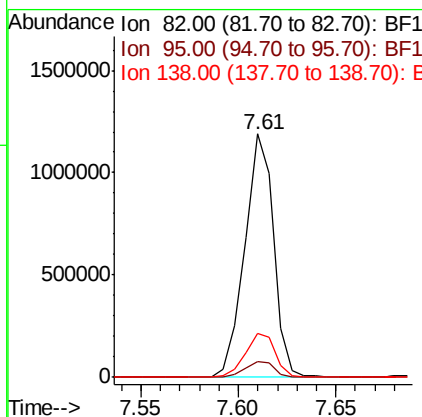
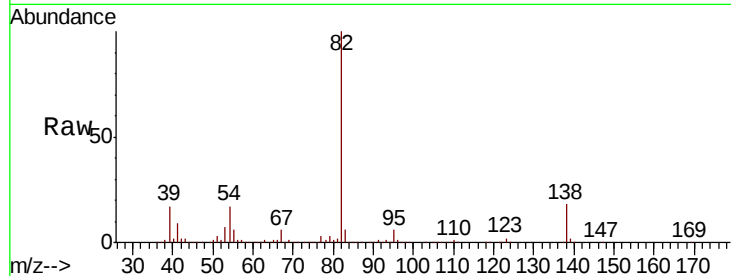
#25
Isophorone
Concen: 42.011 ng
RT: 7.61 min Scan# 939
Delta R.T. -0.01 min
Lab File: BF111510.D
Acq: 16 Dec 2018 16:00

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-01MS

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.5	5.4	8.2
138	18.1	15.1	22.7

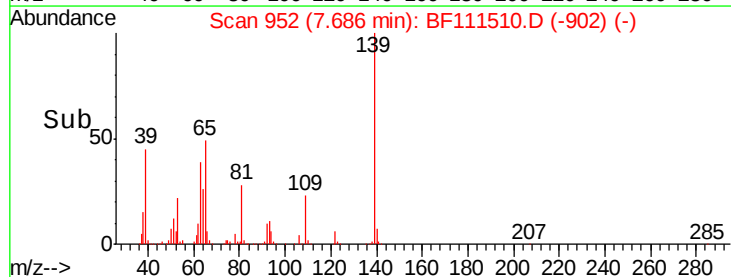
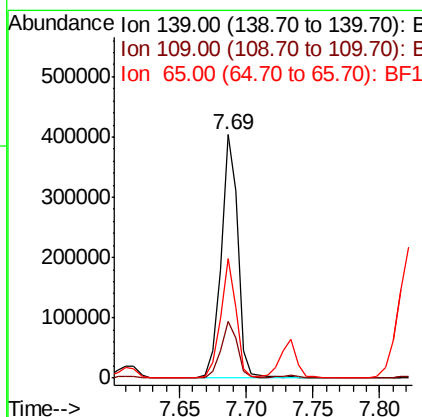
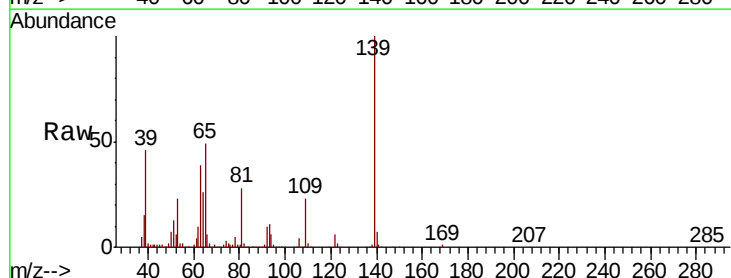
Manual Integrations
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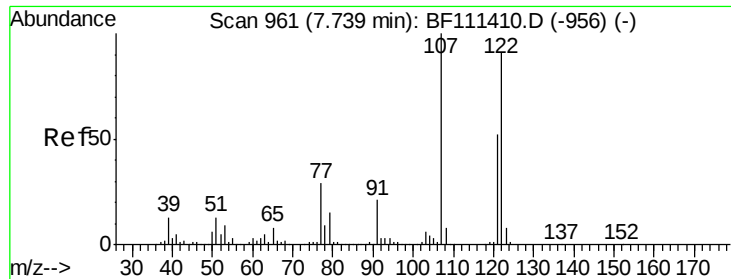
Sohil
12/17/2018 11:19:46 AM



#26
2-Nitrophenol
Concen: 39.572 ng
RT: 7.69 min Scan# 952
Delta R.T. -0.01 min
Lab File: BF111510.D
Acq: 16 Dec 2018 16:00

Tgt Ion	Ratio	Lower	Upper
139	100		
109	23.5	20.2	30.4
65	49.0	40.7	61.1





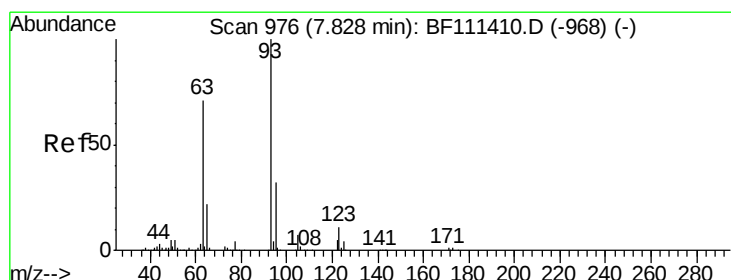
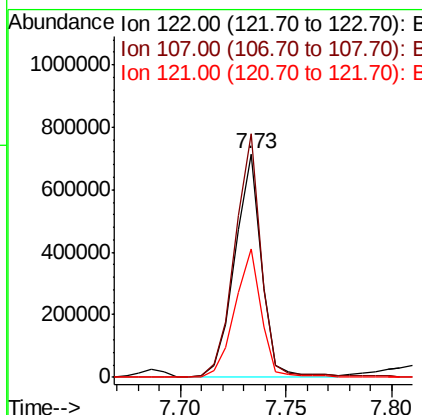
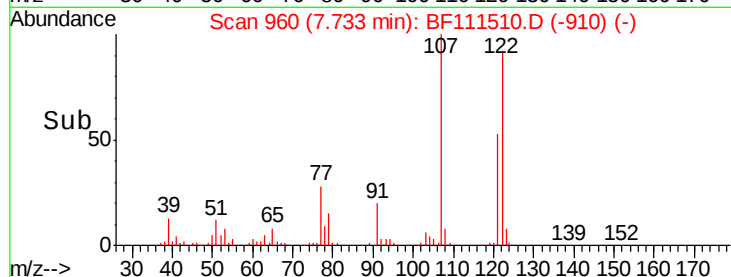
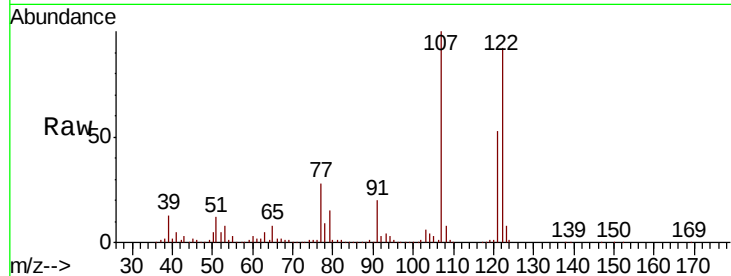
#27
2,4-Dimethylphenol
Concen: 47.274 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF111510.D
Acq: 16 Dec 2018 16:00

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-01MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.9	85.5	128.3
121	57.6	46.6	70.0

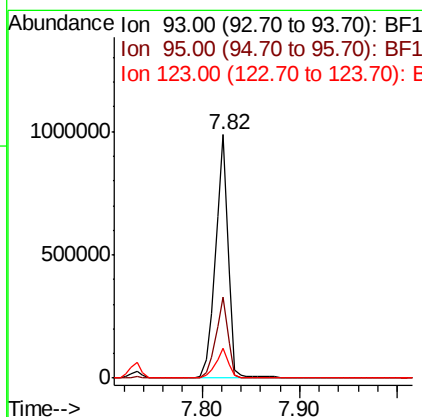
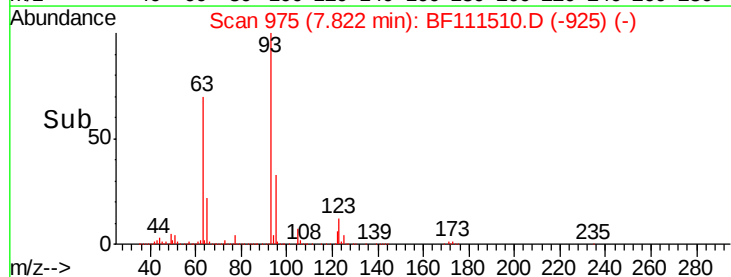
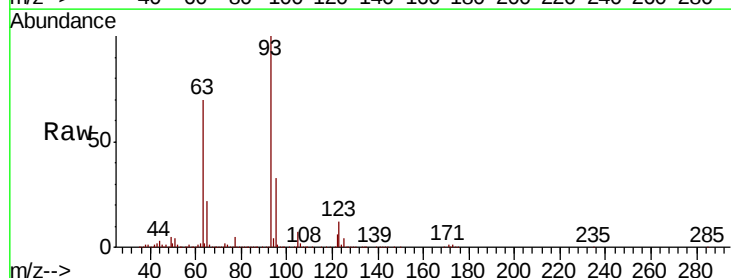
Manual Integrations
APPROVED

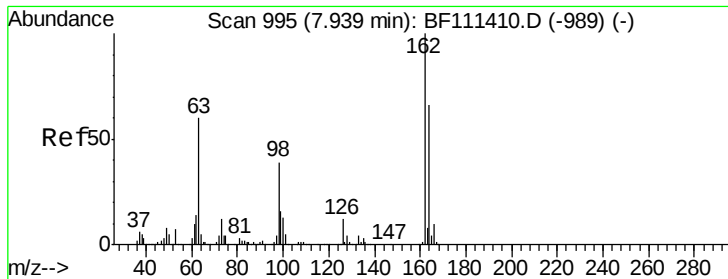
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 43.961 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BF111510.D
Acq: 16 Dec 2018 16:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	27.1	40.7
123	12.1	9.9	14.9





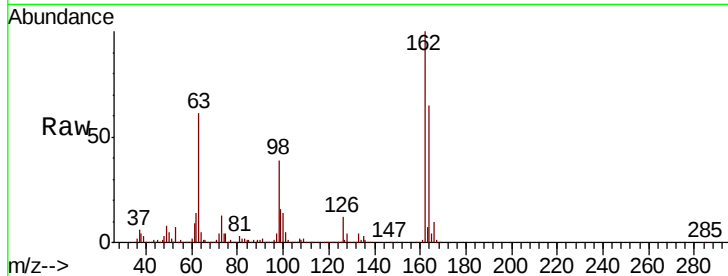
#29
2,4-Dichlorophenol
Concen: 42.115 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF111510.D
Acq: 16 Dec 2018 16:00

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-01MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	593073		
164	64.5		44.4	84.4
98	39.1		20.3	60.3

Manual Integrations
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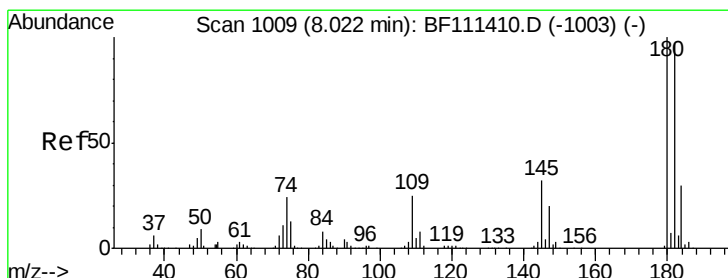
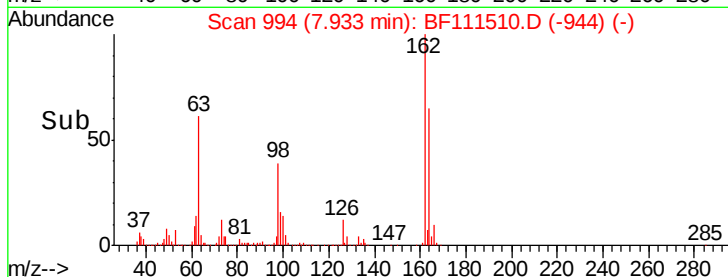
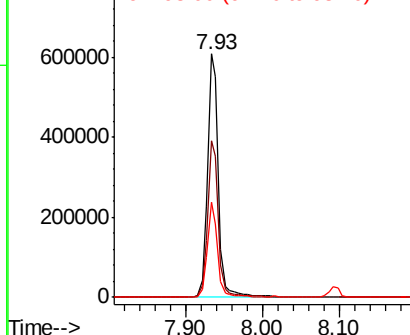


Abundance

Ion 162.00 (161.70 to 162.70): E

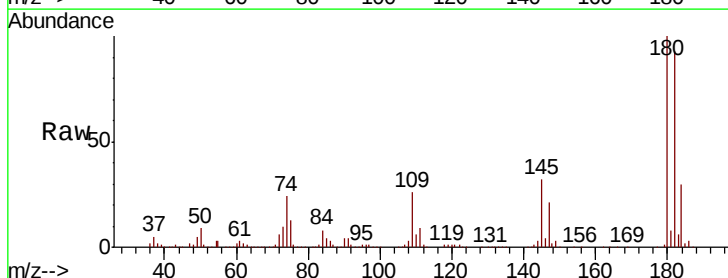
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 40.513 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF111510.D
Acq: 16 Dec 2018 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	597238		
182	93.1		75.6	113.4
145	31.9		26.7	40.1

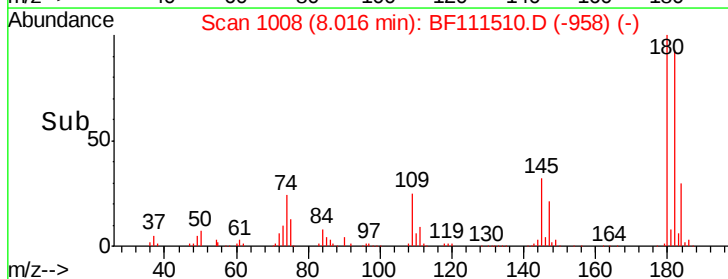
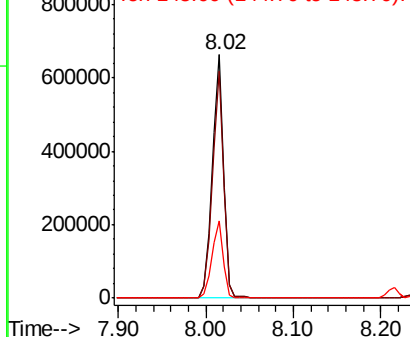


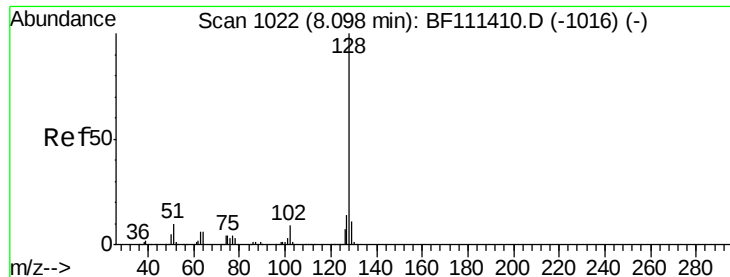
Abundance

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





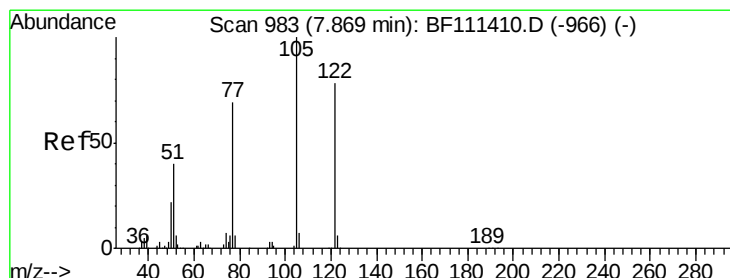
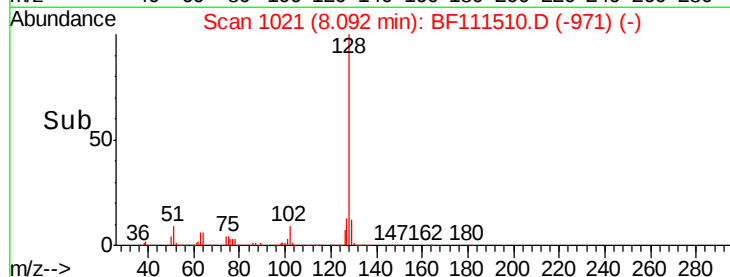
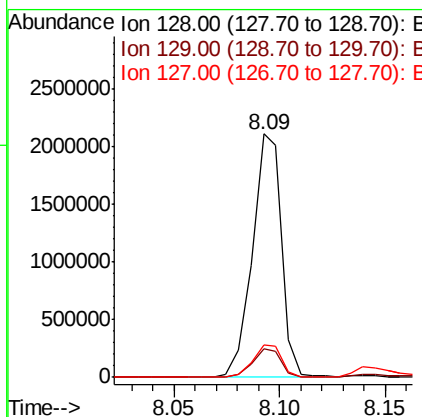
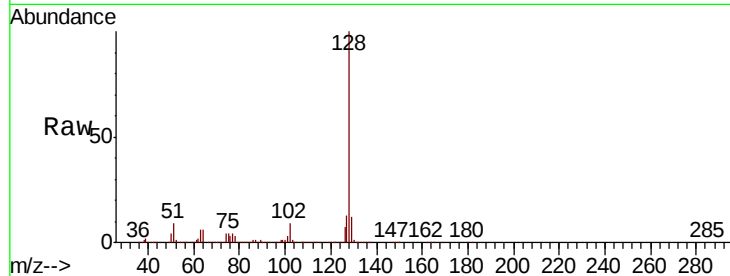
#31
Naphthalene
Concen: 42.259 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF111510.D
Acq: 16 Dec 2018 16:00

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-01MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.8	14.8
127	13.4	12.0	18.0

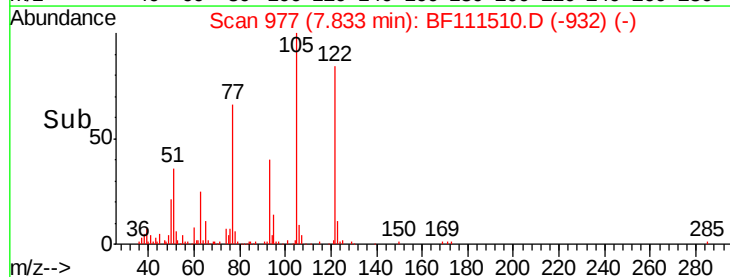
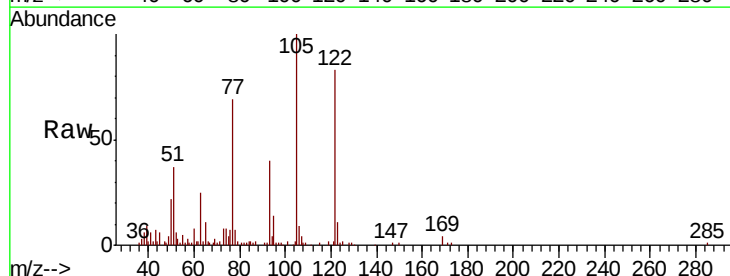
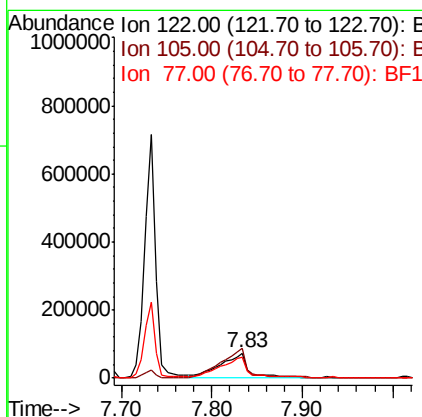
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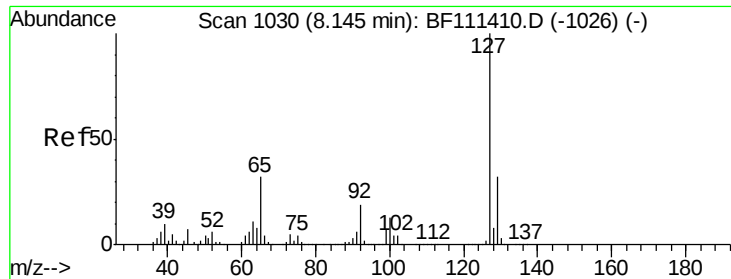
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#32
Benzoic acid
Concen: 13.669 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.04 min
Lab File: BF111510.D
Acq: 16 Dec 2018 16:00

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.8	97.0	137.0
77	82.3	65.7	105.7





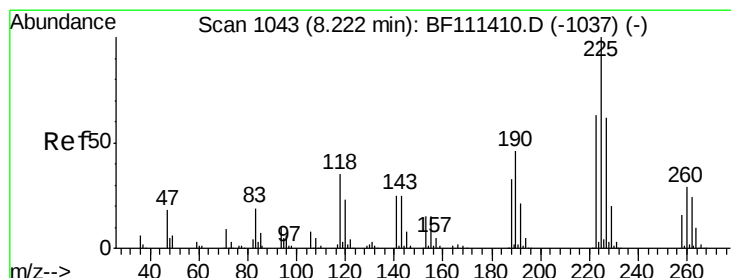
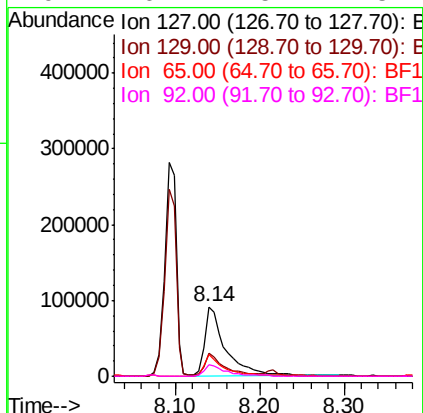
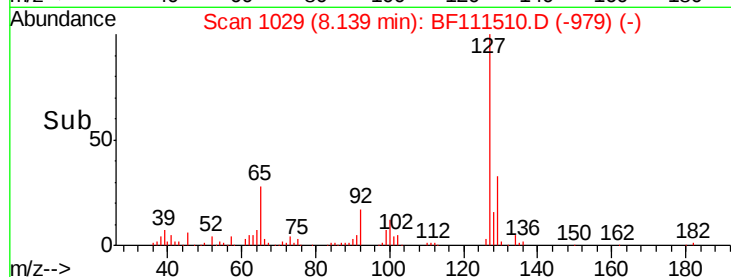
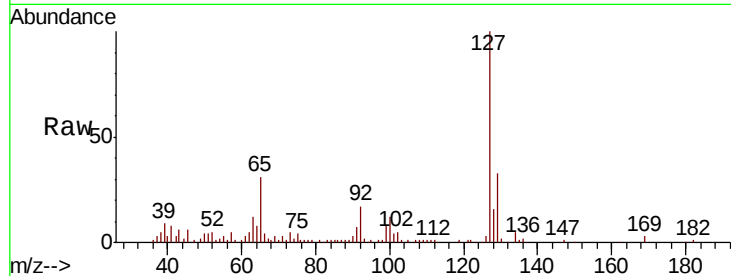
#33
4-Chloroaniline
Concen: 7.446 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF111510.D
Acq: 16 Dec 2018 16:00

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-01MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.3	26.6	39.8		
65	30.7	25.7	38.5		
92	16.7	15.4	23.2		

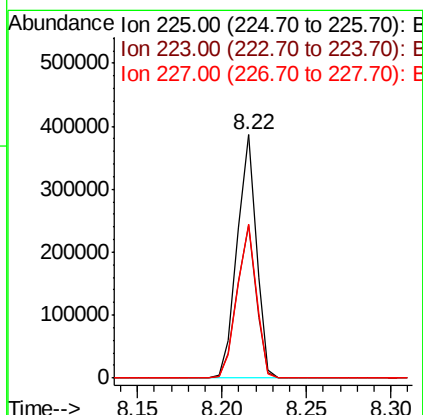
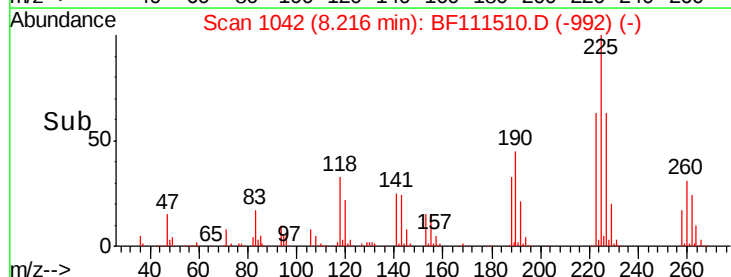
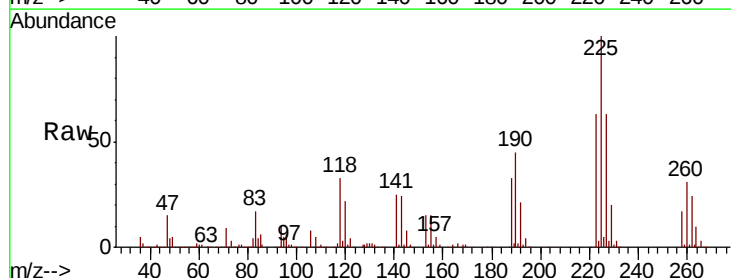
Manual Integrations
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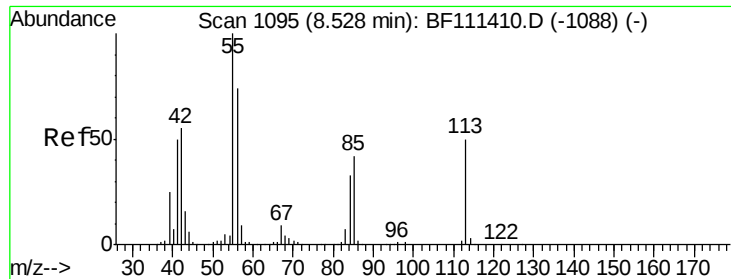
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#34
Hexachlorobutadiene
Concen: 37.707 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF111510.D
Acq: 16 Dec 2018 16:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.8	50.7	76.1		
227	63.4	52.6	78.8		





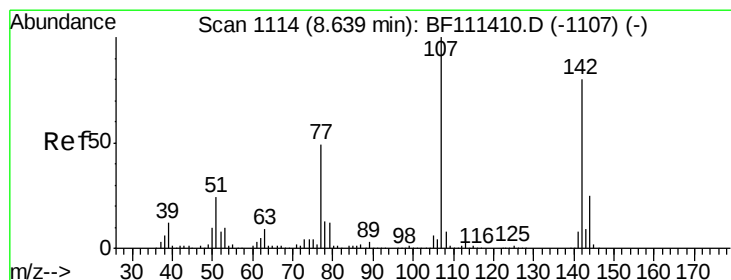
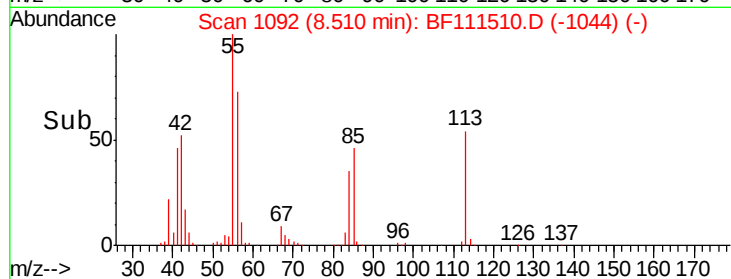
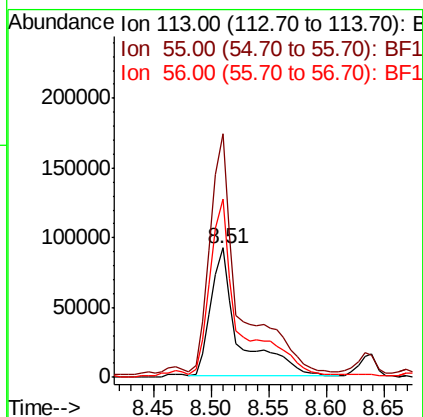
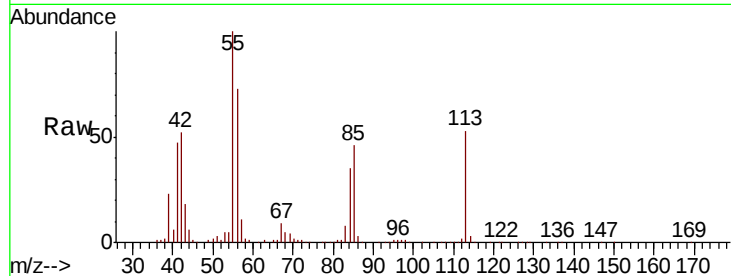
#35
Caprolactam
Concen: 29.929 ng
RT: 8.51 min Scan# 1092
Delta R.T. -0.02 min
Lab File: BF111510.D
Acq: 16 Dec 2018 16:00

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-01MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	188.3	184.1	224.1
56	137.5	126.0	166.0

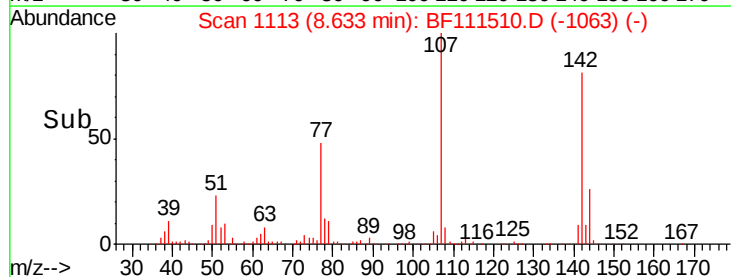
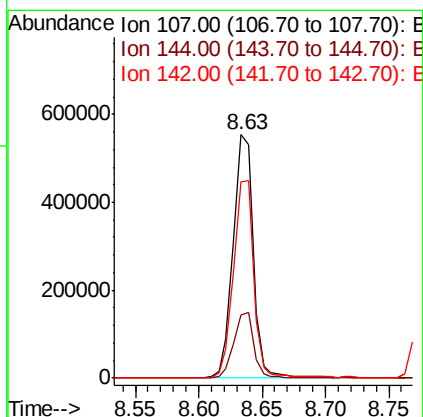
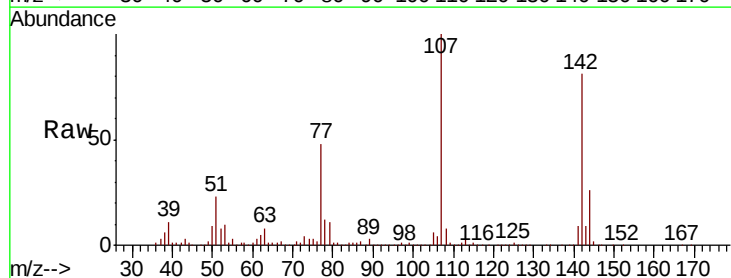
Manual Integrations
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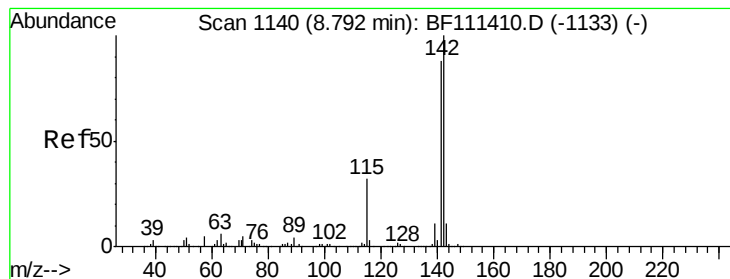
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#36
4-Chloro-3-methylphenol
Concen: 39.113 ng
RT: 8.63 min Scan# 1113
Delta R.T. -0.01 min
Lab File: BF111510.D
Acq: 16 Dec 2018 16:00

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.7	19.8	29.6
142	80.6	62.3	93.5





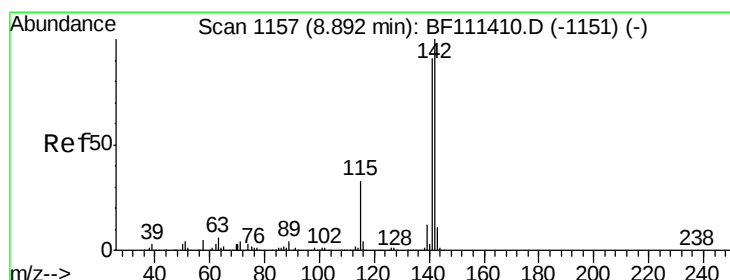
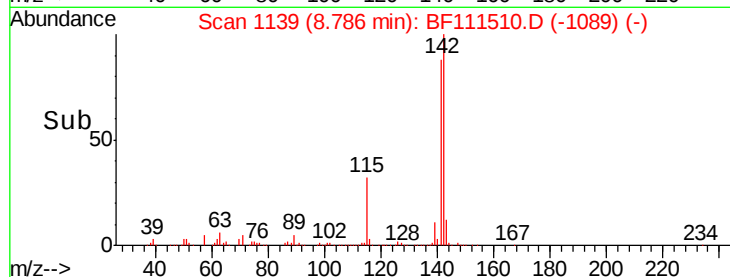
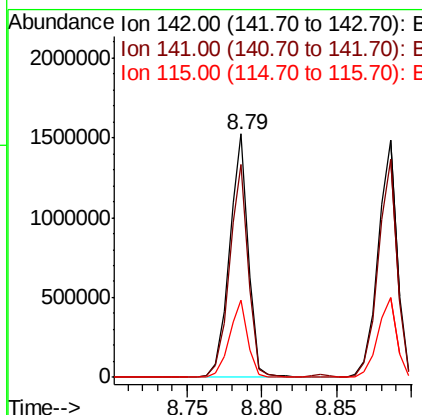
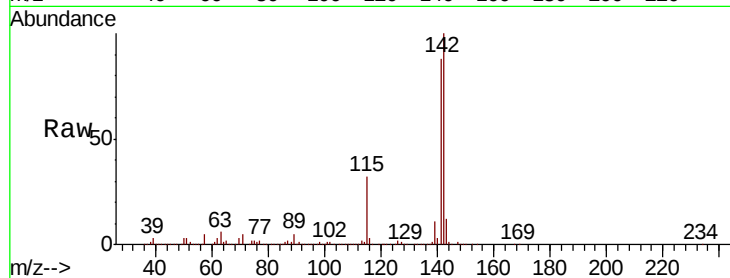
#37
2-Methylnaphthalene
Concen: 42.024 ng
RT: 8.79 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BF111510.D
Acq: 16 Dec 2018 16:00

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-01MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.6	105.8
115	31.8	27.0	40.6

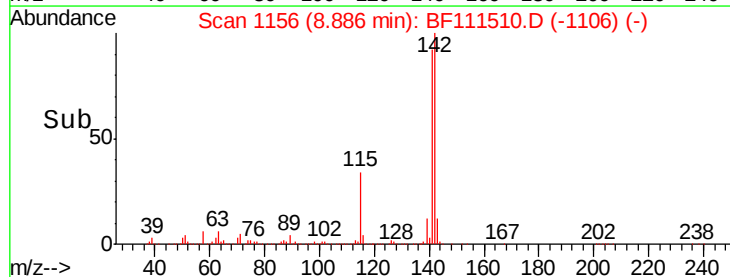
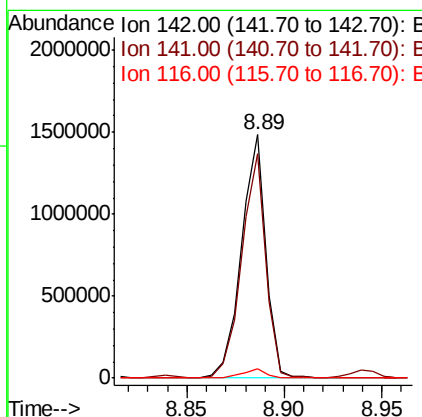
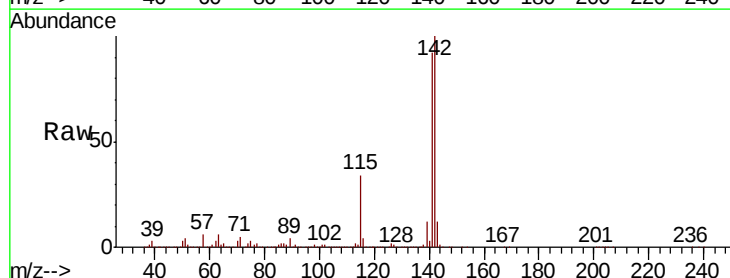
Manual Integrations
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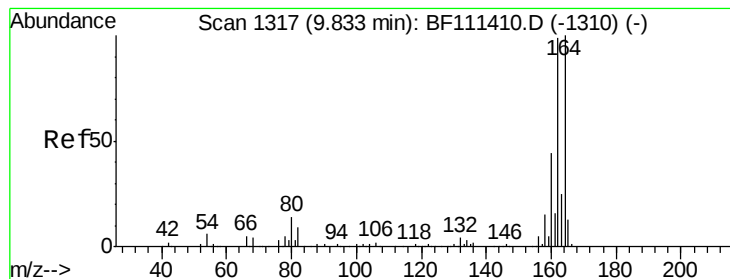
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#38
1-Methylnaphthalene
Concen: 40.905 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF111510.D
Acq: 16 Dec 2018 16:00

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	74.2	111.4
116	3.6	2.9	4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF111510.D

Acq: 16 Dec 2018 16:00

Instrument :

BNA_F

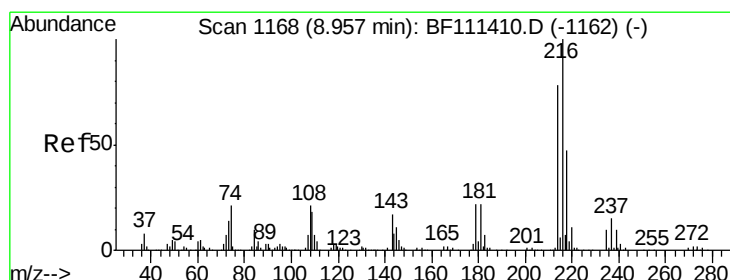
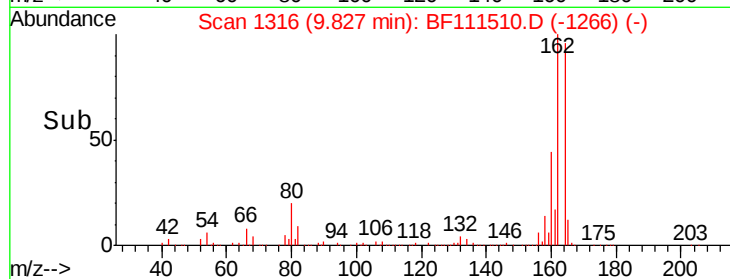
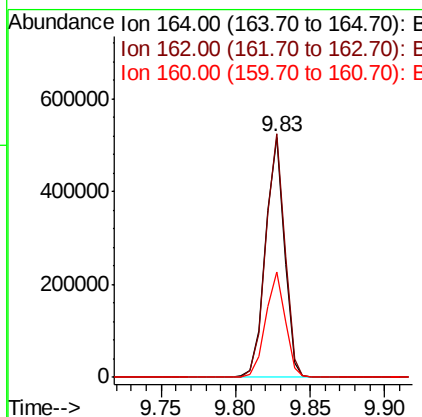
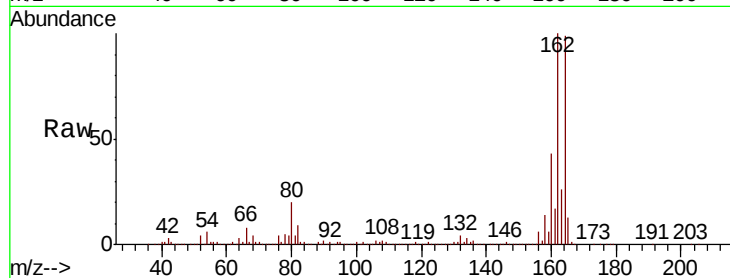
ClientSampleId :

P001-SS006-1824-01MS

Tot Ion:	164	Resp:	450541
Ion Ratio	Lower	Upper	
164	100		
162	101.4	81.4	122.0
160	44.0	35.7	53.5

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.347 ng

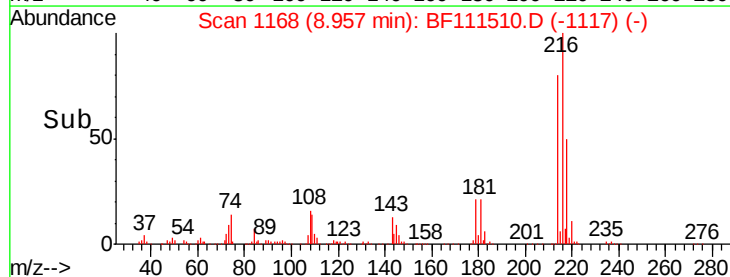
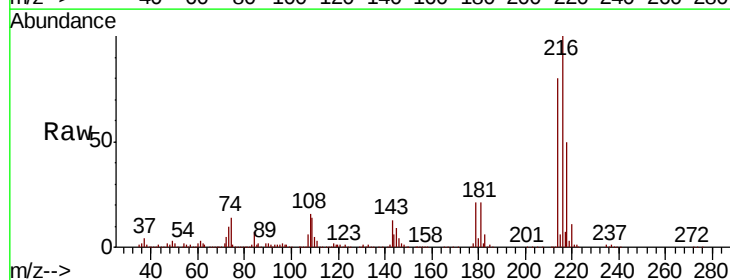
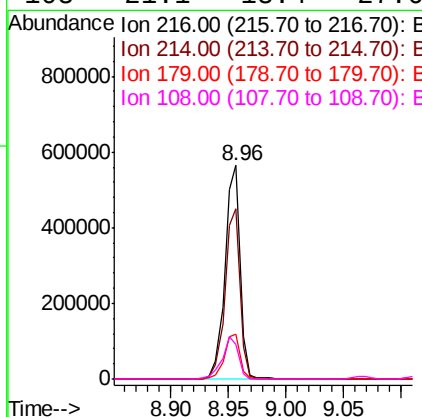
RT: 8.96 min Scan# 1168

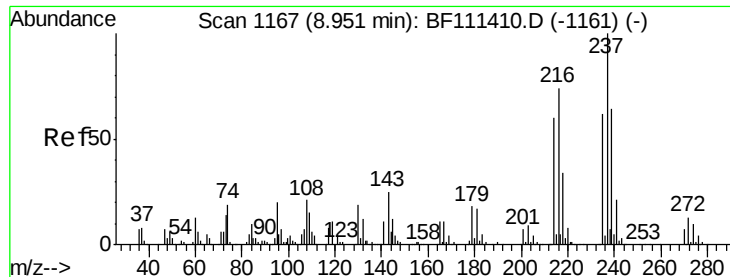
Delta R.T. -0.00 min

Lab File: BF111510.D

Acq: 16 Dec 2018 16:00

Tgt Ion:	216	Resp:	510876
Ion Ratio	Lower	Upper	
216	100		
214	79.5	63.8	95.8
179	21.7	17.9	26.9
108	21.1	18.4	27.6





#41

Hexachlorocyclopentadiene

Concen: 52.838 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF111510.D

Acq: 16 Dec 2018 16:00

Instrument :

BNA_F

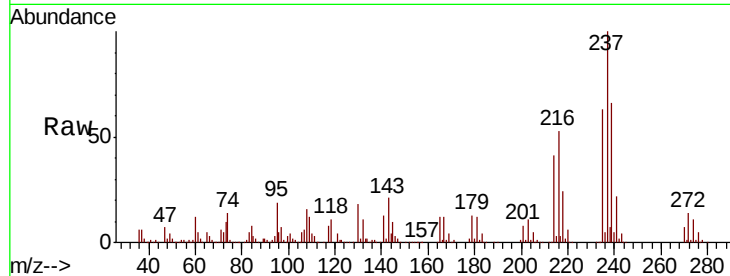
ClientSampleId :

P001-SS006-1824-01MS

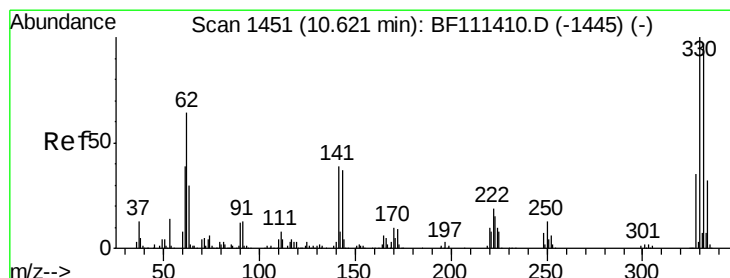
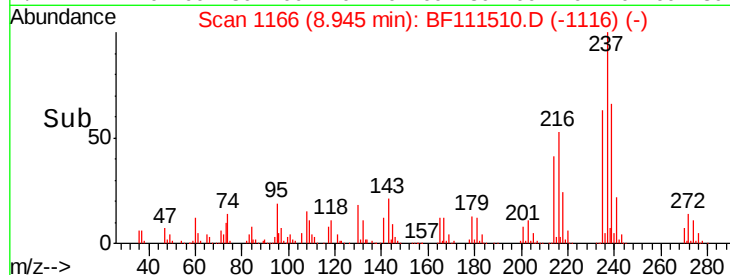
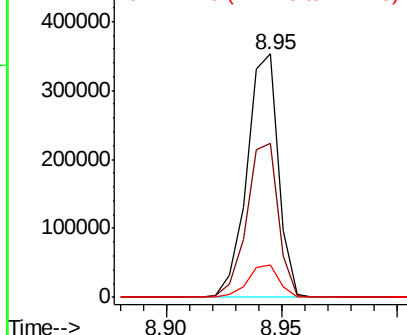
Tot Ion:	237	Resp:	335181
Ion Ratio		Lower	Upper
237	100		
235	63.1	43.1	83.1
272	13.5	0.0	33.0

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: 93.877 ng

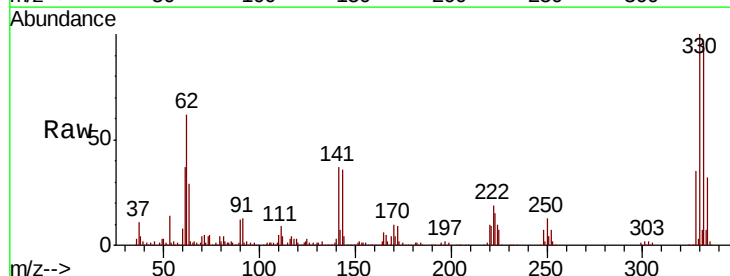
RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

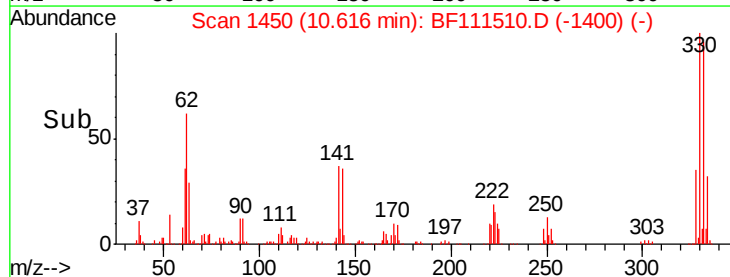
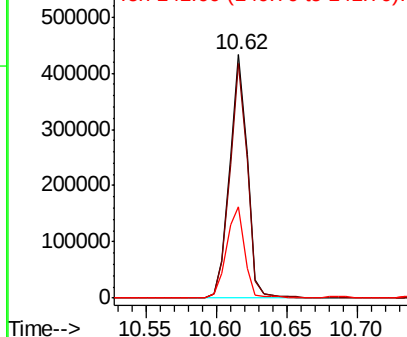
Lab File: BF111510.D

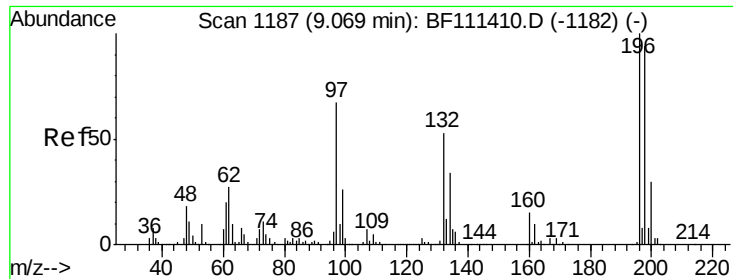
Acq: 16 Dec 2018 16:00

Tgt Ion:	330	Resp:	378878
Ion Ratio		Lower	Upper
330	100		
332	96.5	76.0	114.0
141	38.0	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





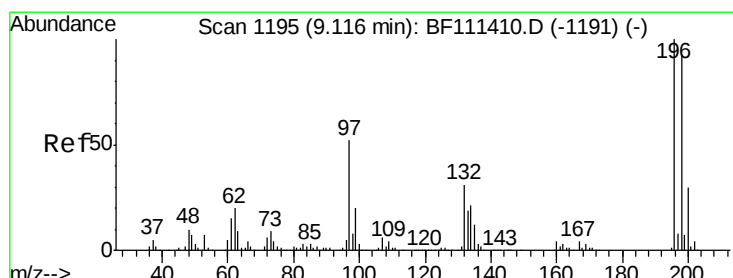
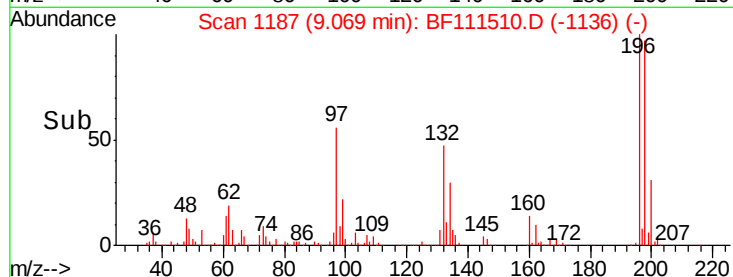
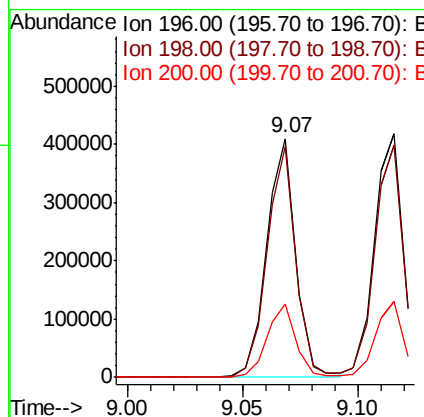
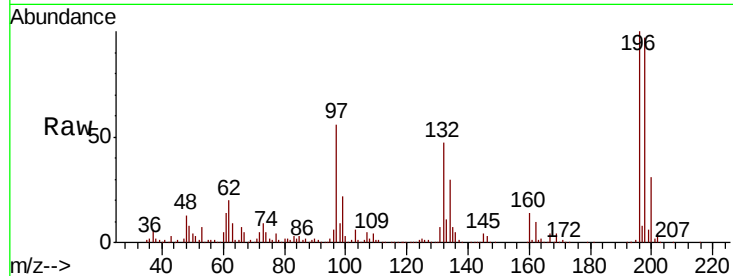
#43
 2,4,6-Trichlorophenol
 Concen: 41.067 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BF111510.D
 Acq: 16 Dec 2018 16:00

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS006-1824-01MS

Tot Ion:	196	Resp:	359125
Ion Ratio	Lower	Upper	
196	100		
198	96.5	76.3	114.5
200	30.6	24.9	37.3

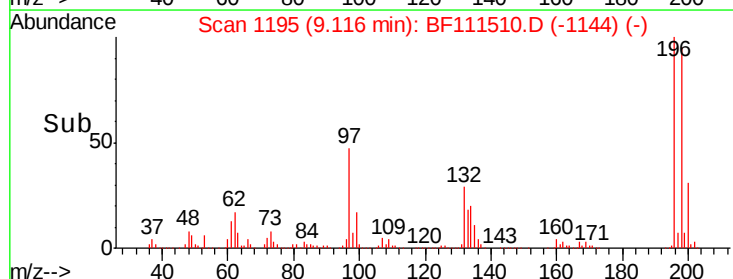
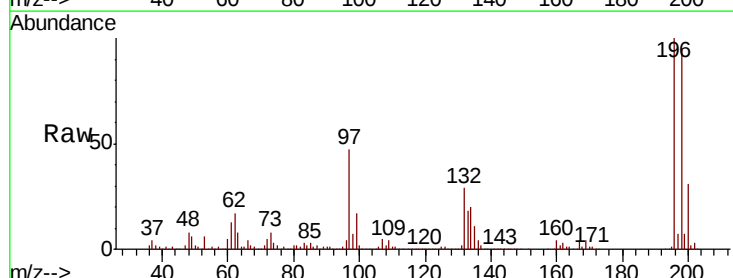
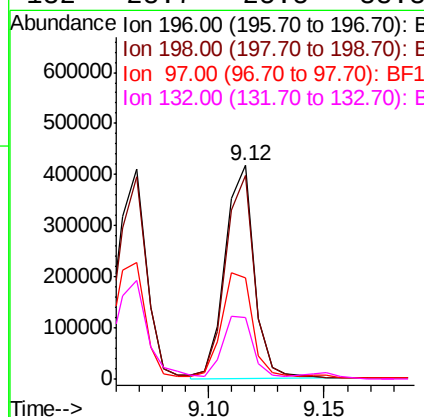
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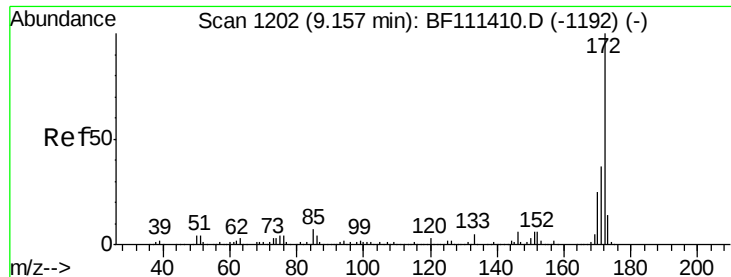
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#44
 2,4,5-Trichlorophenol
 Concen: 39.384 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: BF111510.D
 Acq: 16 Dec 2018 16:00

Tgt Ion:	196	Resp:	366490
Ion Ratio	Lower	Upper	
196	100		
198	95.2	72.9	109.3
97	47.3	45.3	67.9
132	28.7	25.5	38.3





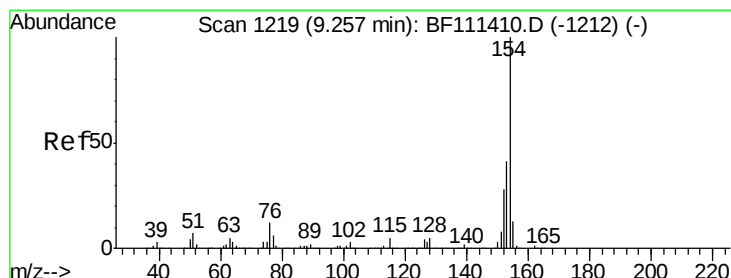
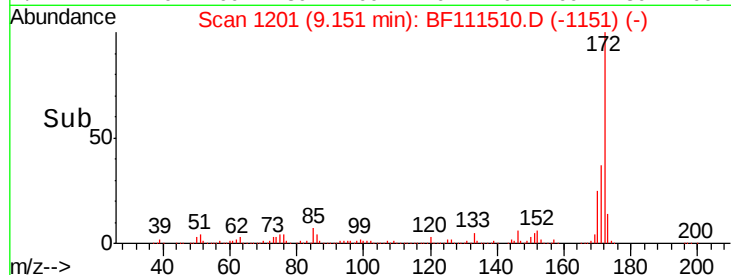
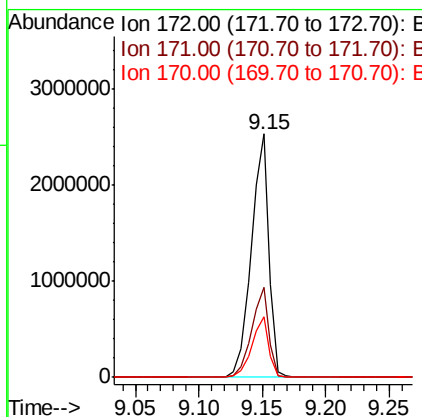
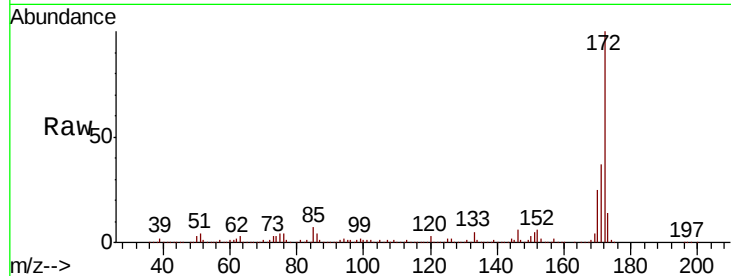
#45
2-Fluorobiphenyl
Concen: 83.864 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111510.D
Acq: 16 Dec 2018 16:00

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-01MS

Tot Ion:172 Resp: 2446145
Ion Ratio Lower Upper
172 100
171 37.2 33.0 49.4
170 24.9 22.3 33.5

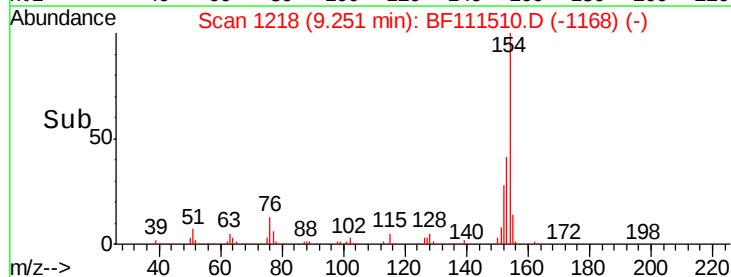
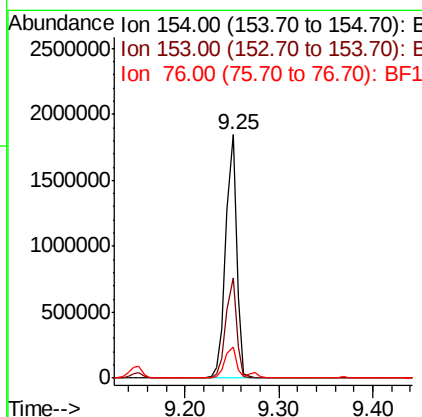
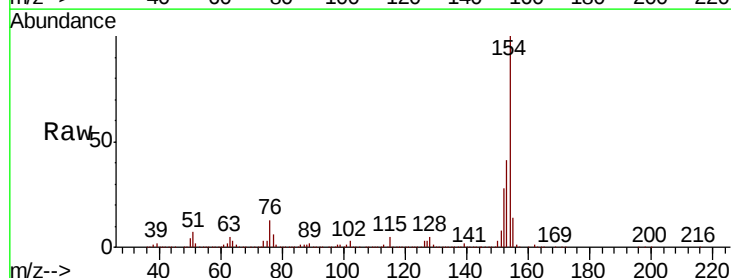
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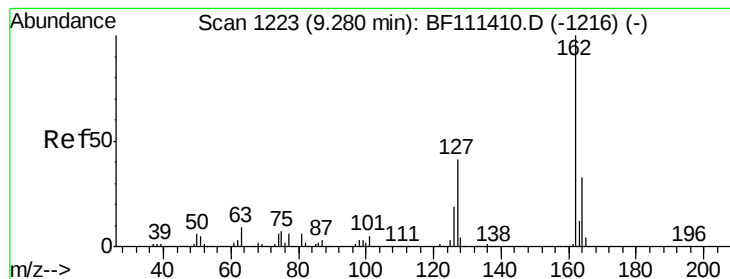
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#46
1,1'-Biphenyl
Concen: 39.697 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111510.D
Acq: 16 Dec 2018 16:00

Tgt Ion:154 Resp: 1515425
Ion Ratio Lower Upper
154 100
153 41.2 23.7 63.7
76 12.8 0.0 35.0





#47

2-Chloronaphthalene

Concen: 41.123 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BF111510.D

Acq: 16 Dec 2018 16:00

Instrument :

BNA_F

ClientSampleId :

P001-SS006-1824-01MS

Tot Ion:162 Resp: 1193274

Ion Ratio Lower Upper

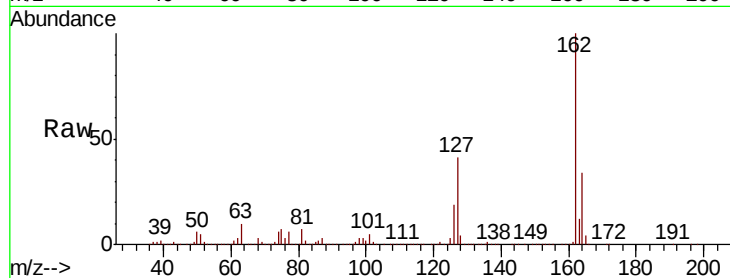
162 100

127 40.9 35.0 52.4

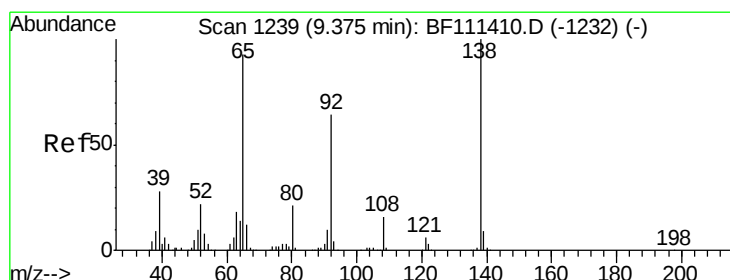
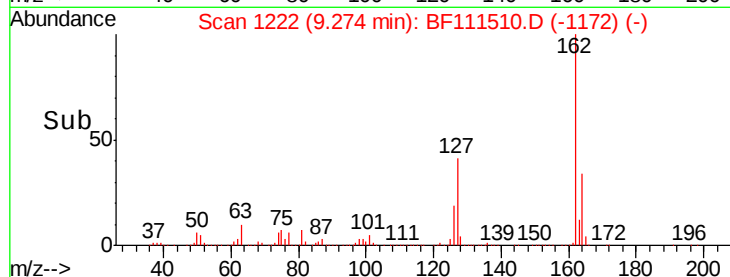
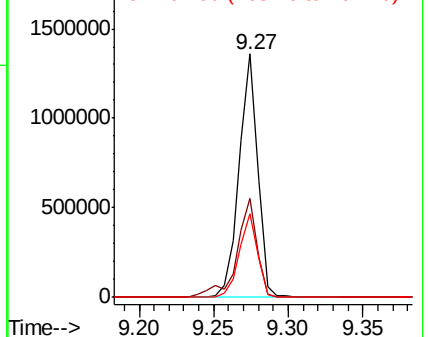
164 34.1 28.4 42.6

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



#48

2-Nitroaniline

Concen: 40.549 ng

RT: 9.37 min Scan# 1238

Delta R.T. -0.01 min

Lab File: BF111510.D

Acq: 16 Dec 2018 16:00

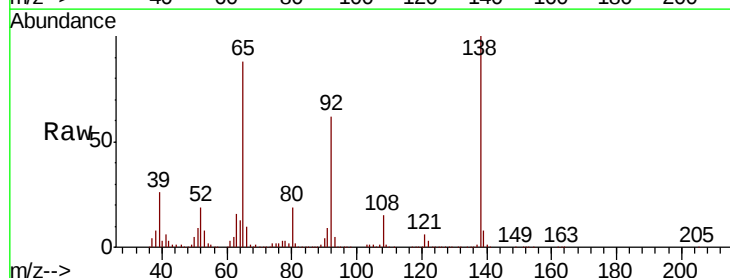
Tgt Ion: 65 Resp: 382040

Ion Ratio Lower Upper

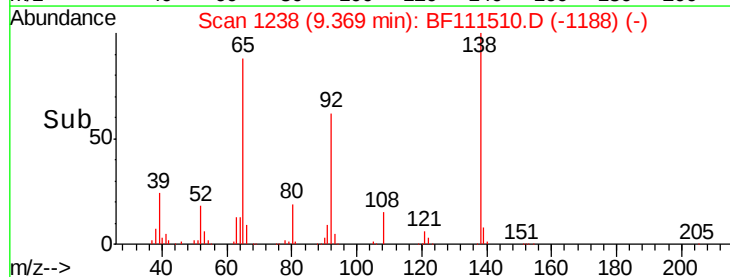
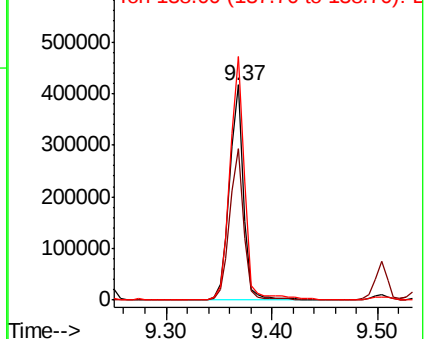
65 100

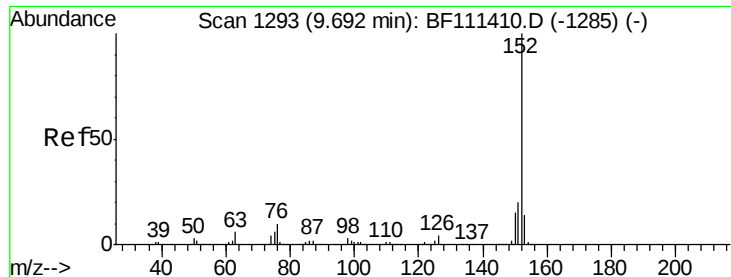
92 70.3 53.5 80.3

138 113.2 80.9 121.3



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





#49

Acenaphthylene

Concen: 43.090 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF111510.D

Acq: 16 Dec 2018 16:00

Instrument :

BNA_F

ClientSampleId :

P001-SS006-1824-01MS

Tot Ion:152 Resp: 1856002

Ion Ratio Lower Upper

152 100

151 20.5 18.0 27.0

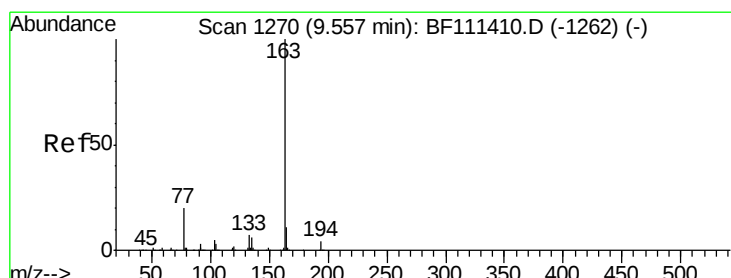
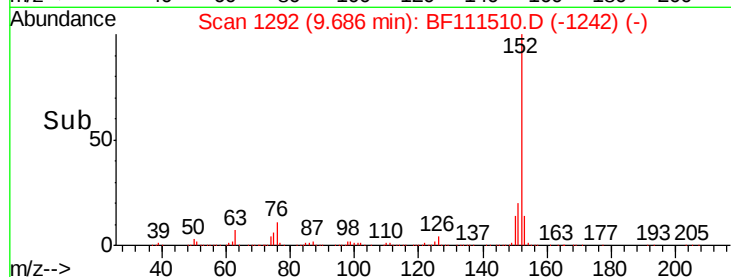
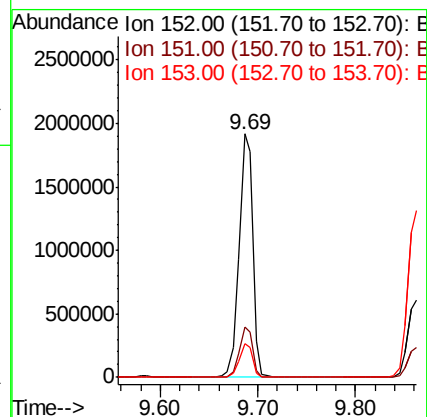
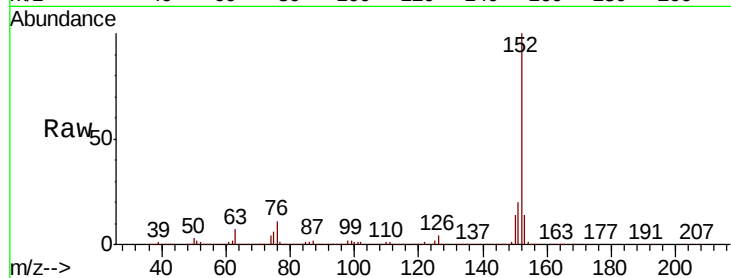
153 13.7 12.3 18.5

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#50

Dimethylphthalate

Concen: 47.583 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF111510.D

Acq: 16 Dec 2018 16:00

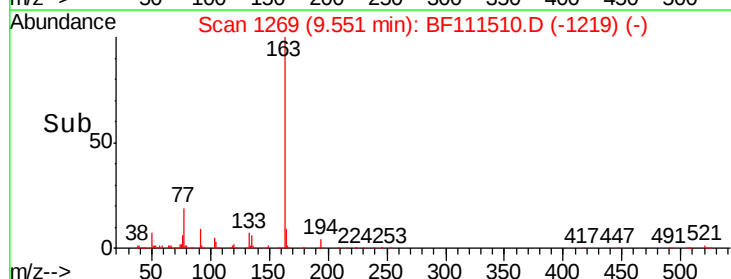
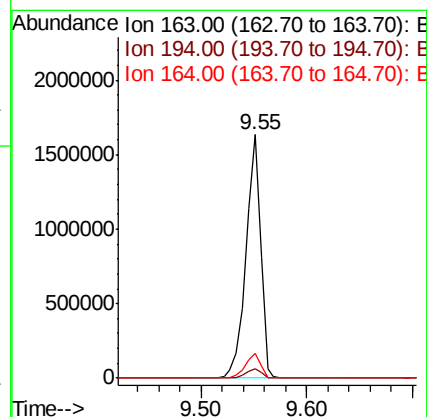
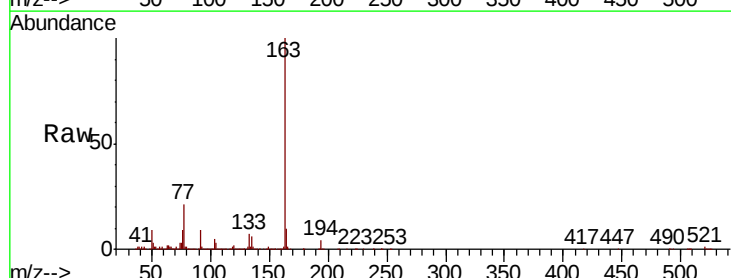
Tgt Ion:163 Resp: 1543918

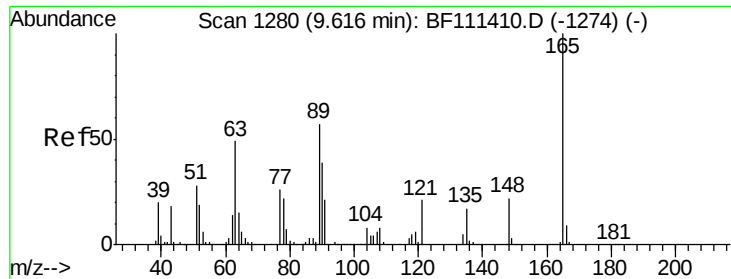
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

164 10.3 8.9 13.3





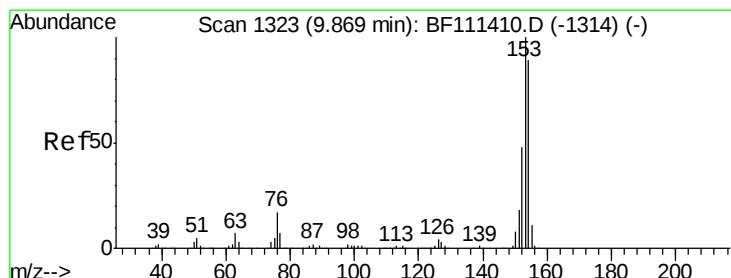
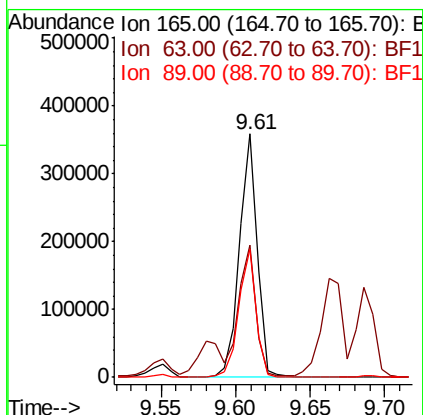
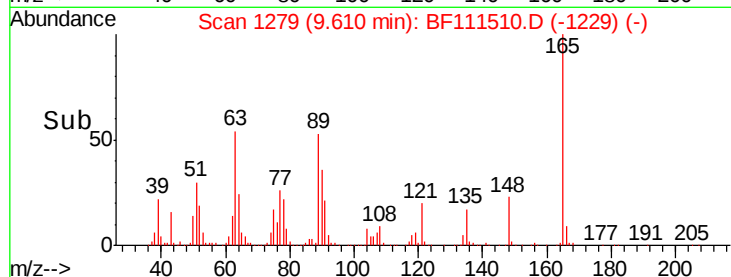
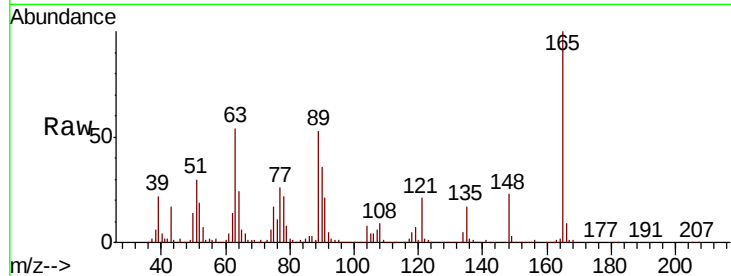
#51
2,6-Dinitrotoluene
Concen: 41.046 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF111510.D
Acq: 16 Dec 2018 16:00

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-01MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	299784		
63	54.3		40.5	60.7
89	52.6		40.0	60.0

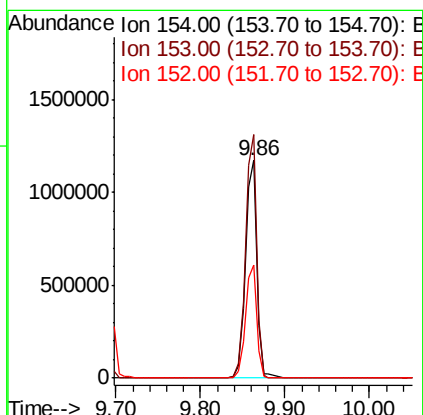
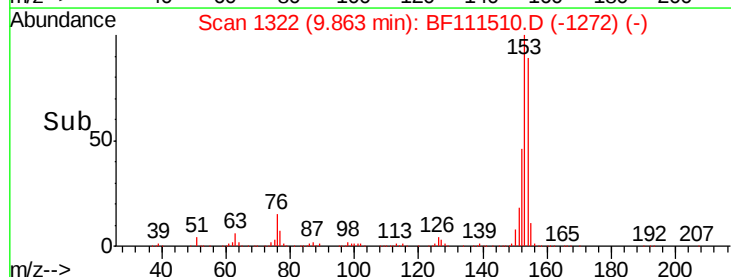
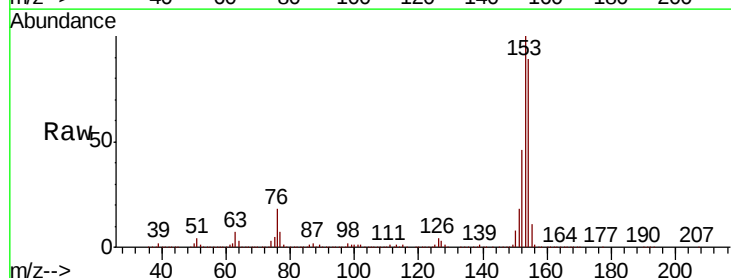
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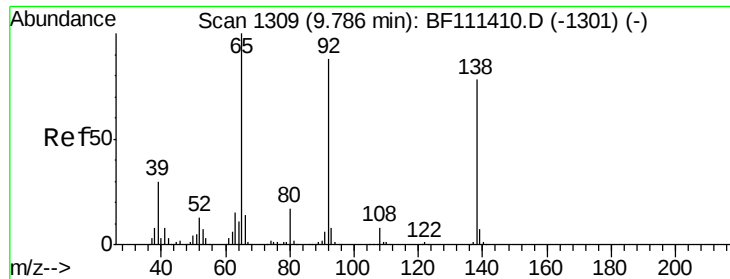
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#52
Acenaphthene
Concen: 39.103 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF111510.D
Acq: 16 Dec 2018 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1064540		
153	111.9		87.8	131.8
152	52.0		43.4	65.2





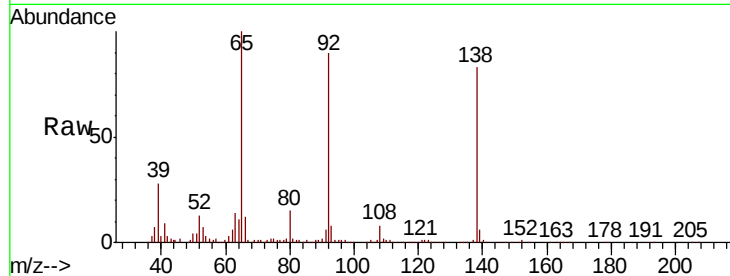
#53
3-Nitroaniline
Concen: 21.315 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF111510.D
Acq: 16 Dec 2018 16:00

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-01MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.5	8.2	12.4
92	108.1	93.4	140.2

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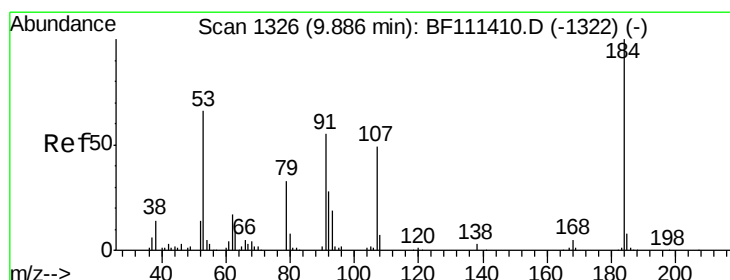
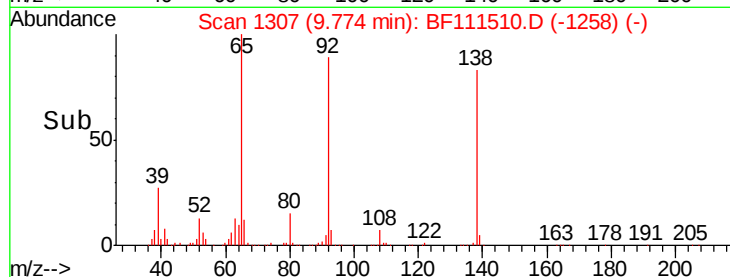
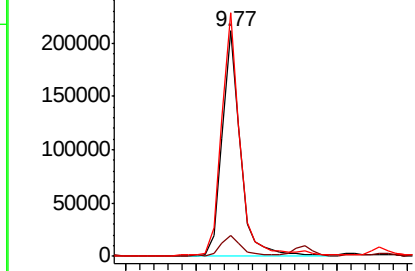


Abundance

Ion 138.00 (137.70 to 138.70): E

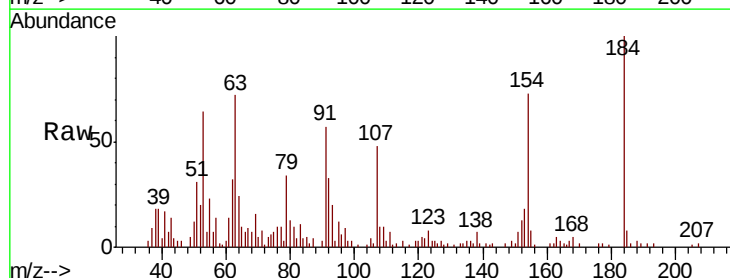
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 7.136 ng m
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF111510.D
Acq: 16 Dec 2018 16:00

Tgt Ion	Ratio	Lower	Upper
184	100		
63	71.8	62.3	93.5
154	72.5	56.2	84.2

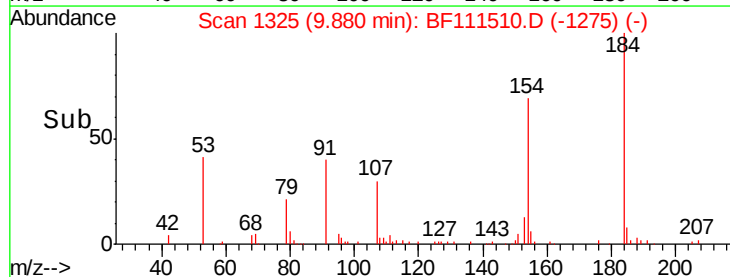
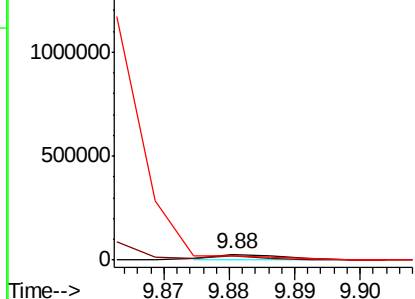


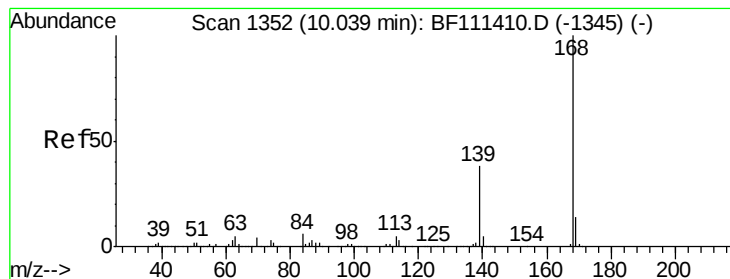
Abundance

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

Dibenzofuran

Concen: 39.925 ng

RT: 10.03 min Scan# 1351

Delta R.T. -0.01 min

Lab File: BF111510.D

Acq: 16 Dec 2018 16:00

Instrument :

BNA_F

ClientSampleId :

P001-SS006-1824-01MS

Tot Ion:168 Resp: 1577676

Ion Ratio Lower Upper

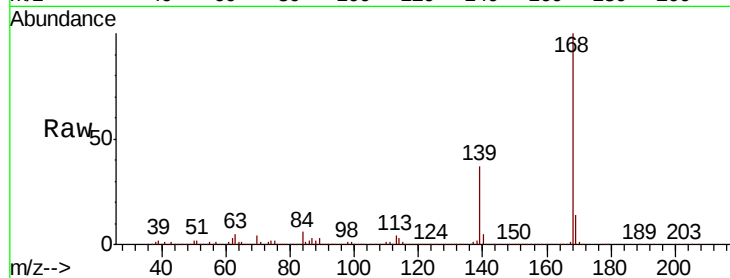
168 100

139 37.1 32.6 49.0

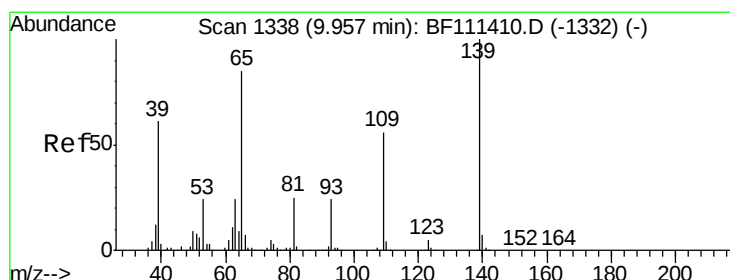
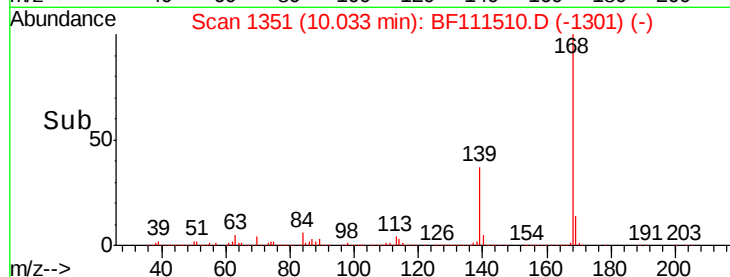
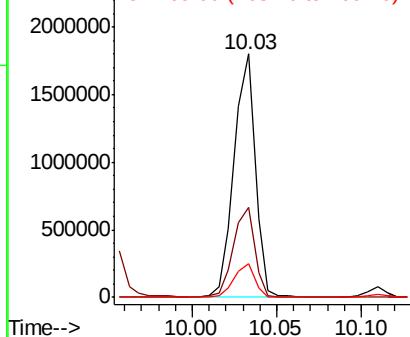
169 13.8 11.8 17.6

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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: 63.370 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF111510.D

Acq: 16 Dec 2018 16:00

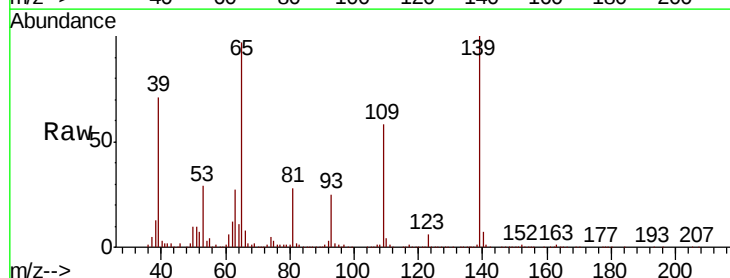
Tgt Ion:139 Resp: 389041

Ion Ratio Lower Upper

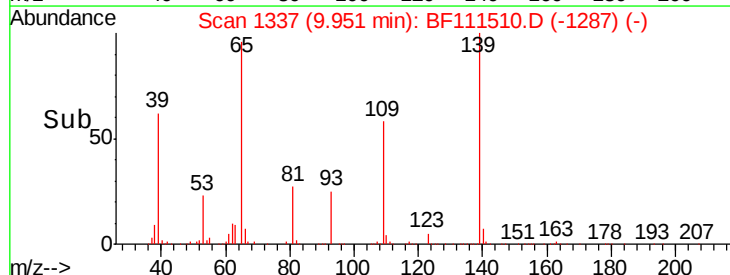
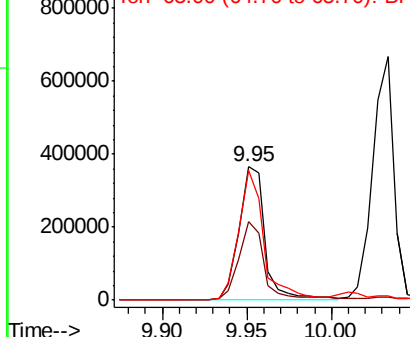
139 100

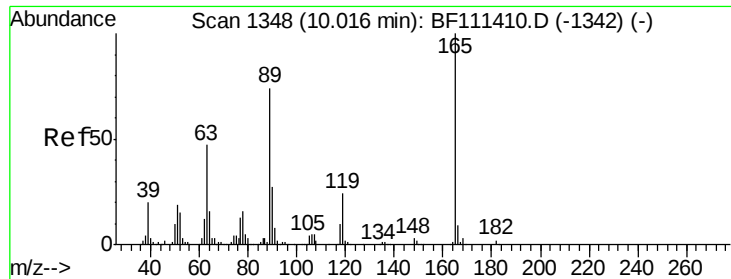
109 58.5 41.8 81.8

65 96.8 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





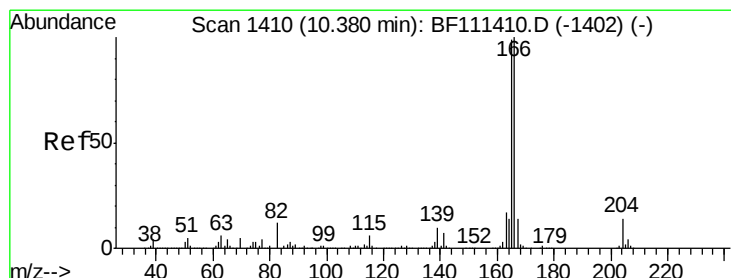
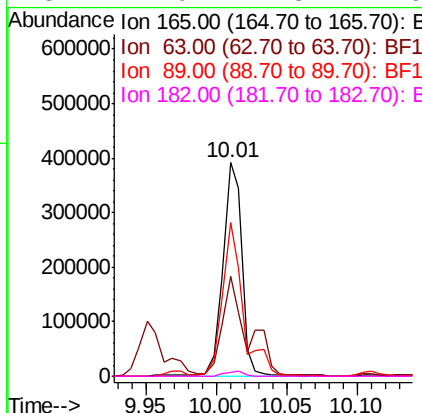
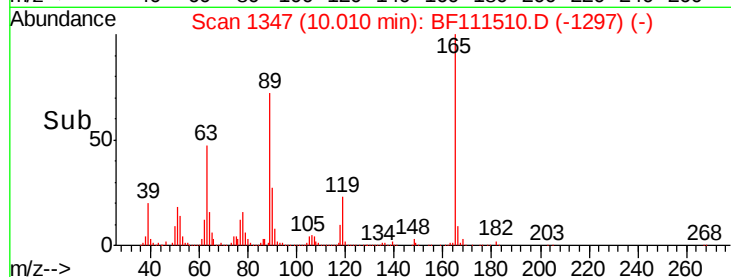
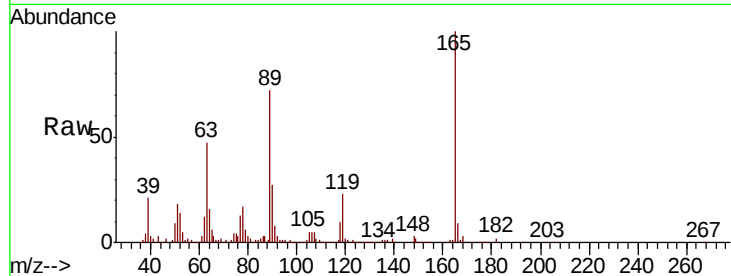
#57
2,4-Dinitrotoluene
Concen: 37.641 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF111510.D
Acq: 16 Dec 2018 16:00

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-01MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.8	34.6	52.0
89	72.0	56.2	84.4
182	2.0	1.8	2.6

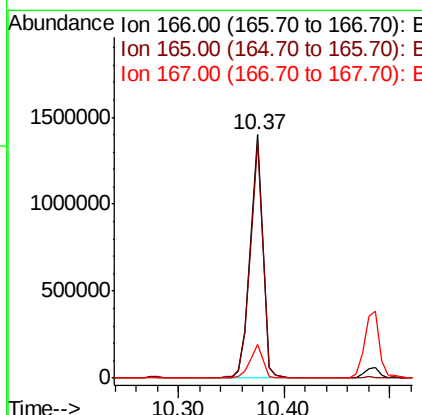
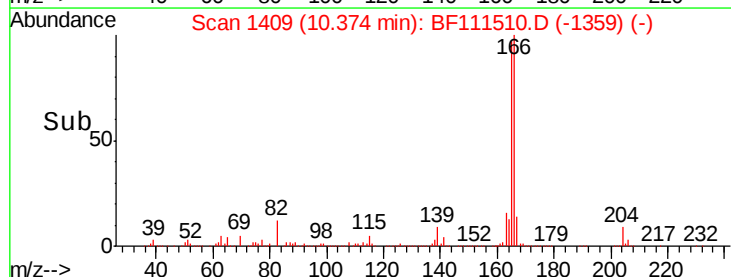
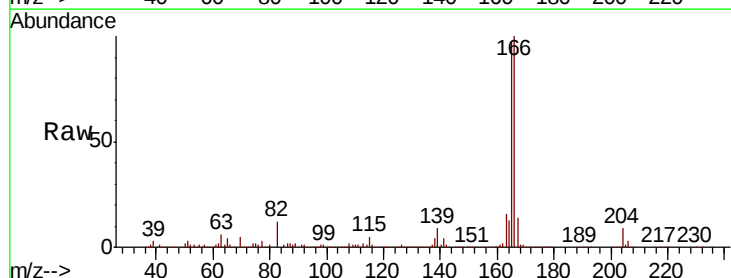
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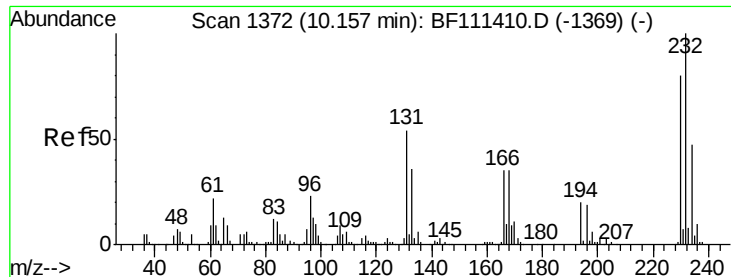
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#58
Fluorene
Concen: 40.859 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF111510.D
Acq: 16 Dec 2018 16:00

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.7	78.4	117.6
167	13.8	11.2	16.8





#59

2,3,4,6-Tetrachlorophenol

Concen: 34.513 ng

RT: 10.15 min Scan# 1371

Delta R.T. -0.01 min

Lab File: BF111510.D

Acq: 16 Dec 2018 16:00

Instrument :

BNA_F

ClientSampleId :

P001-SS006-1824-01MS

Tot Ion:232 Resp: 250932

Ion Ratio Lower Upper

232 100

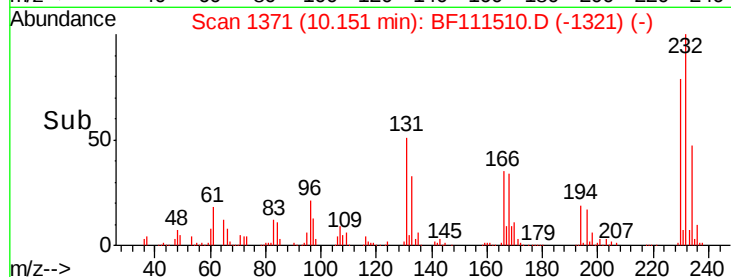
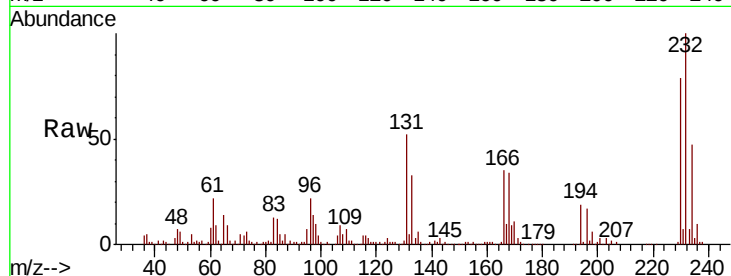
131 47.5 40.9 61.3

130 2.4 2.0 3.0

166 32.7 26.8 40.2

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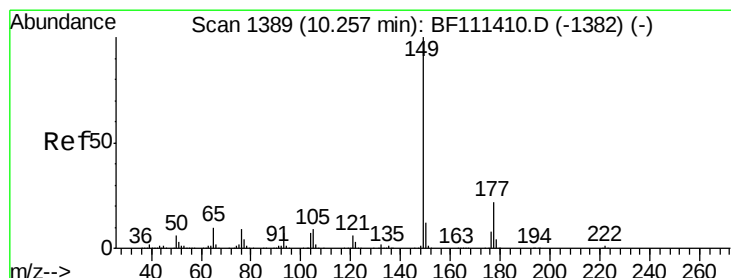
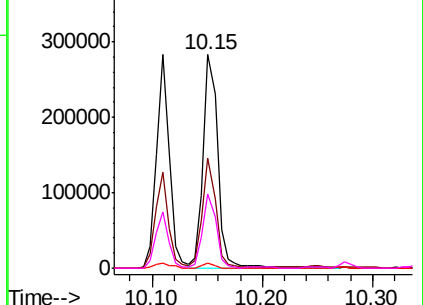


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 39.823 ng

RT: 10.25 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BF111510.D

Acq: 16 Dec 2018 16:00

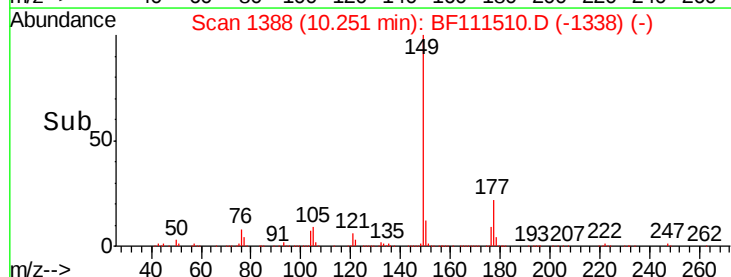
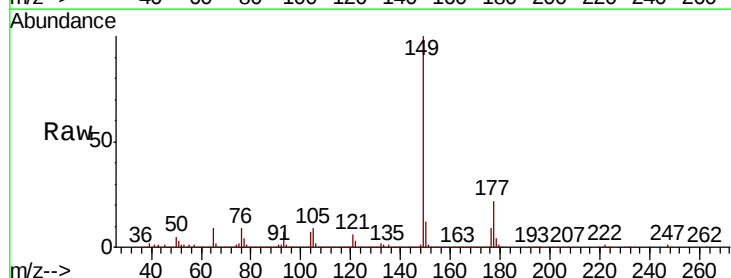
Tgt Ion:149 Resp: 1308878

Ion Ratio Lower Upper

149 100

177 22.1 18.3 27.5

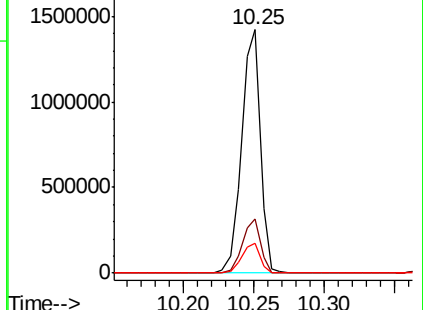
150 12.3 10.6 15.8

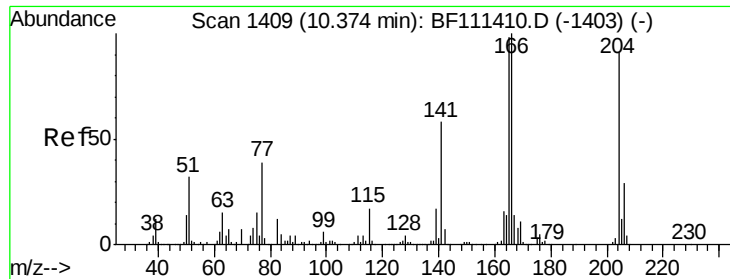


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





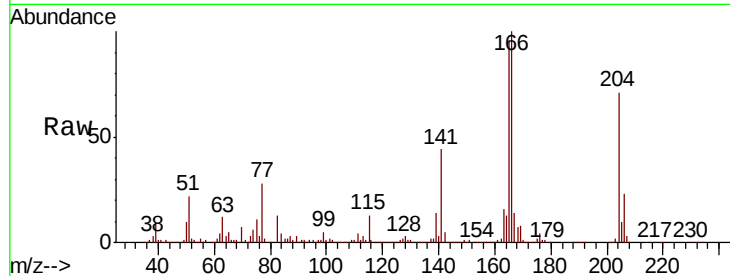
#61
4-Chlorophenyl-phenylether
Concen: 38.056 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF111510.D
Acq: 16 Dec 2018 16:00

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-01MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.6	39.8
141	62.0	52.6	78.8

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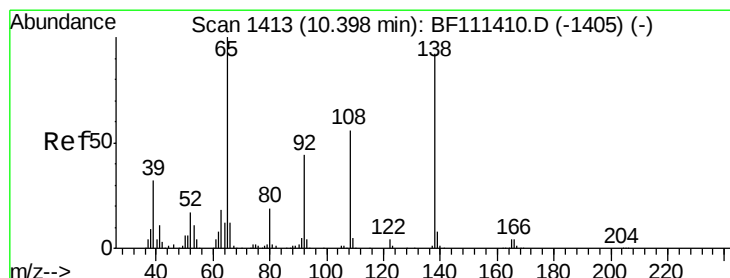
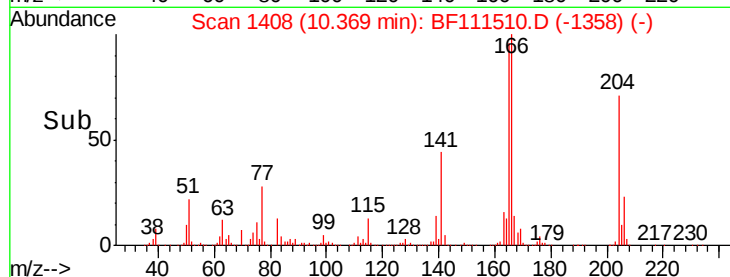
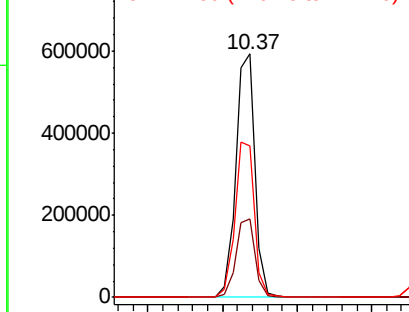


Abundance

Ion 204.00 (203.70 to 204.70): E

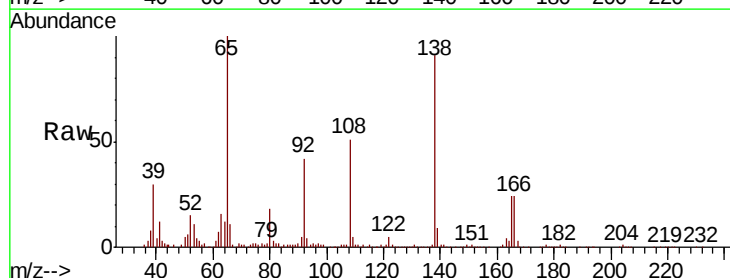
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 28.641 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF111510.D
Acq: 16 Dec 2018 16:00

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.8	29.9	69.9
108	55.9	43.2	83.2

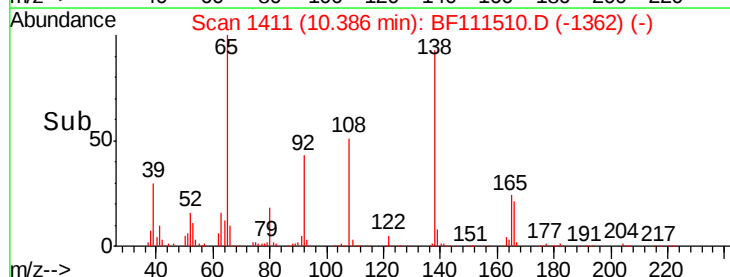
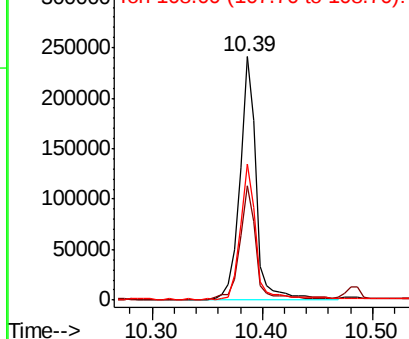


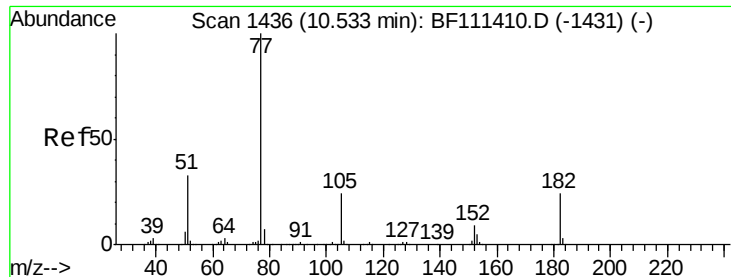
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





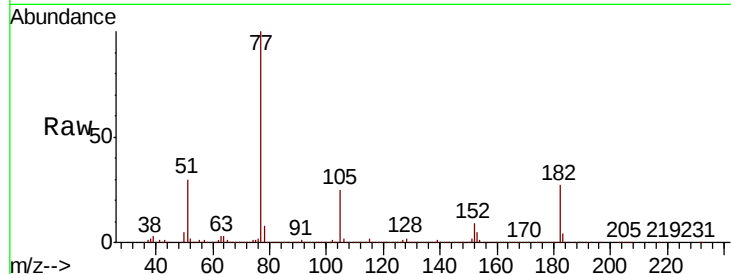
#63
Azobenzene
Concen: 37.577 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF111510.D
Acq: 16 Dec 2018 16:00

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-01MS

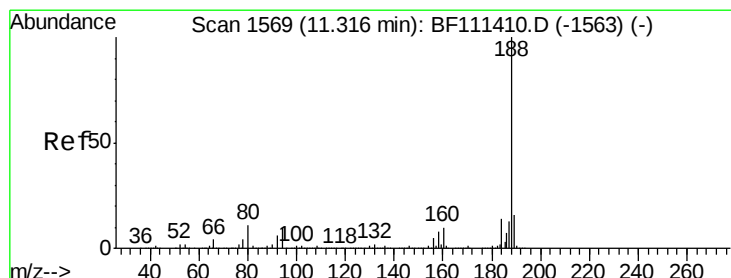
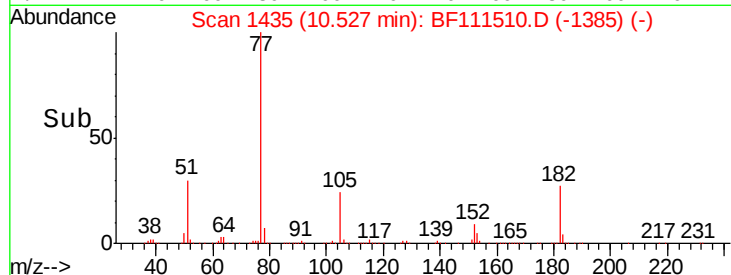
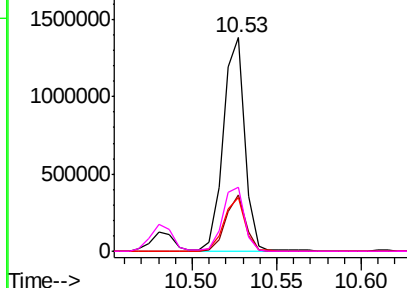
Tot Ion	Ratio	Lower	Upper
77	100		
182	26.6	4.9	44.9
105	24.9	6.0	46.0
51	29.9	14.7	54.7

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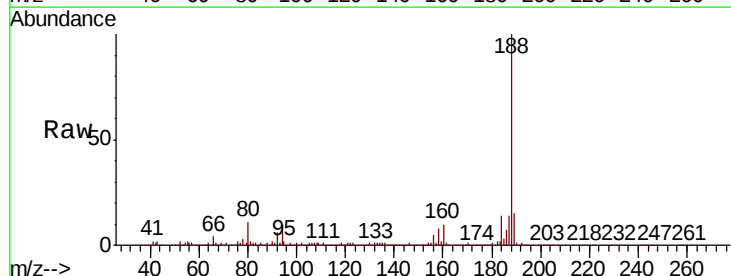


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

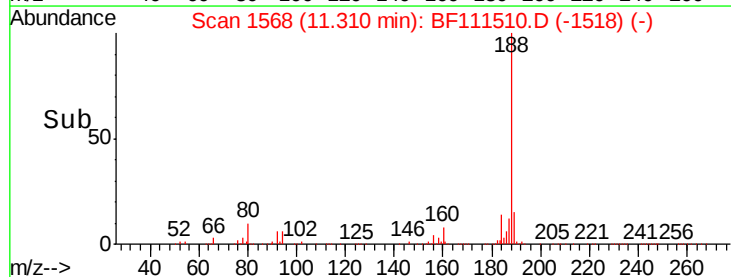
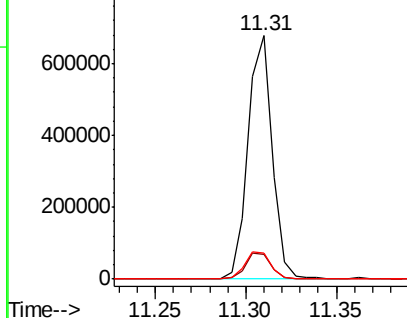


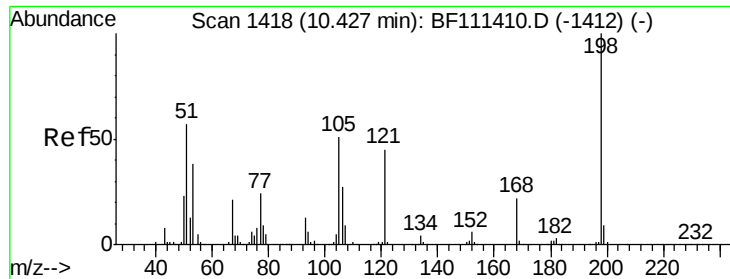
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111510.D
Acq: 16 Dec 2018 16:00

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	9.6	14.4
80	10.7	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





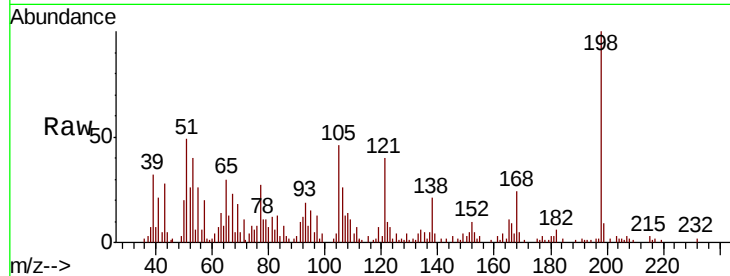
#65
4,6-Dinitro-2-methylphenol
Concen: 8.105 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF111510.D
Acq: 16 Dec 2018 16:00

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-01MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	28811		
51	49.2		48.0	88.0
105	46.2		34.0	74.0

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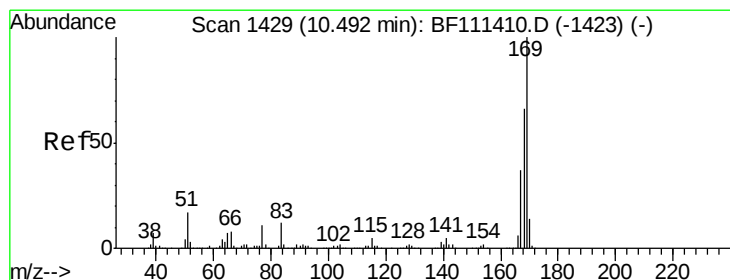
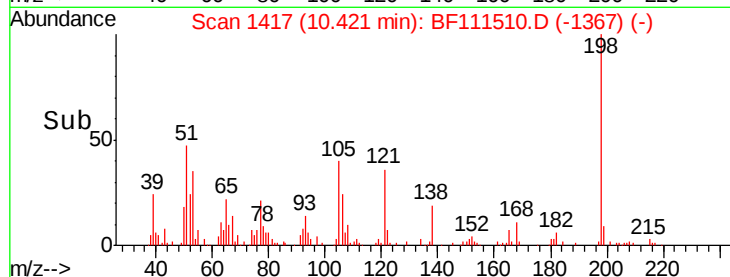
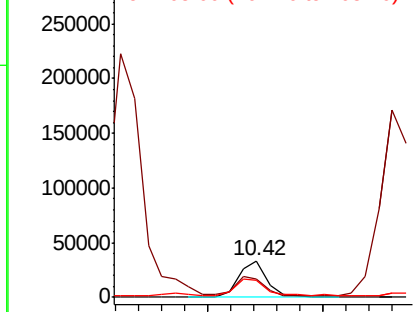


Abundance

Ion 198.00 (197.70 to 198.70): E

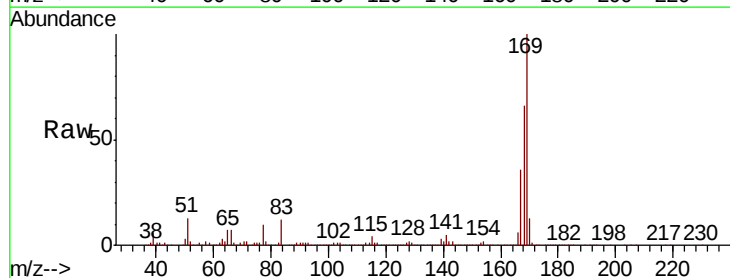
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 47.763 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF111510.D
Acq: 16 Dec 2018 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1037076		
168	66.1		54.4	81.6
167	36.0		30.5	45.7

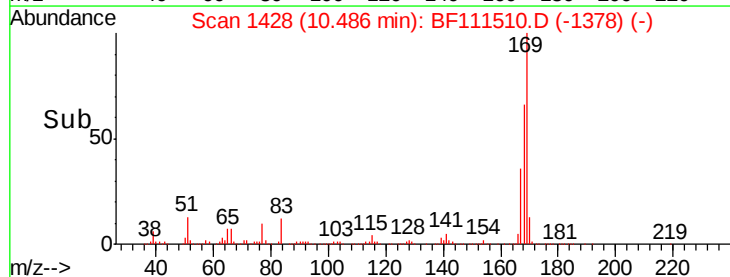
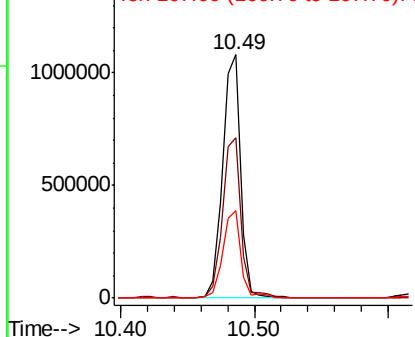


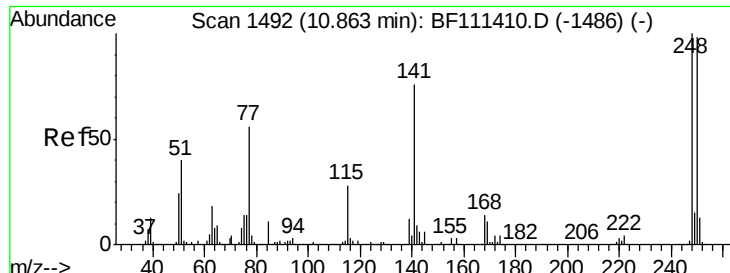
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





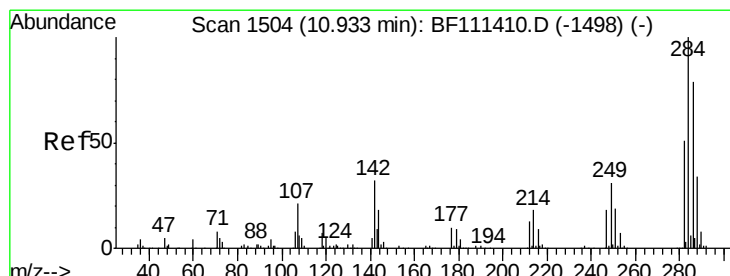
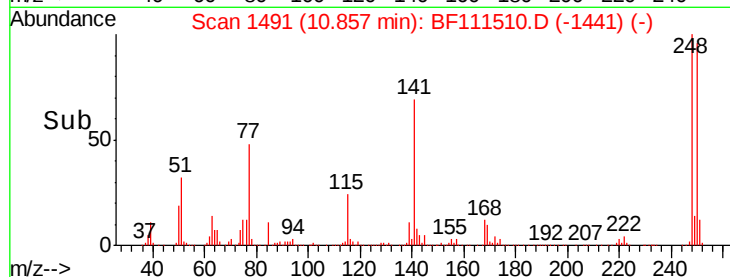
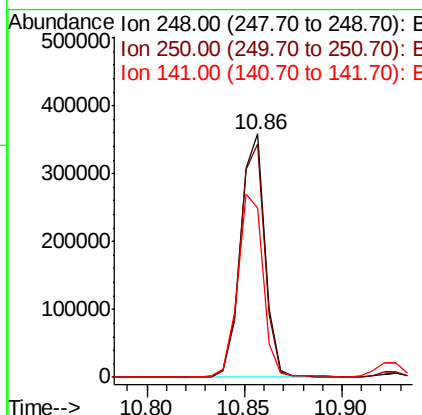
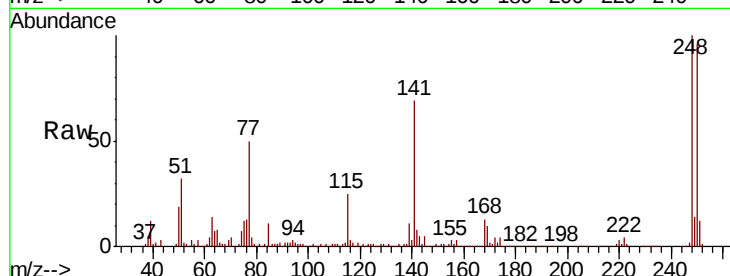
#67
 4-Bromophenyl-phenylether
 Concen: 46.003 ng
 RT: 10.86 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF111510.D
 Acq: 16 Dec 2018 16:00

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS006-1824-01MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.0	77.0	115.4
141	69.4	63.0	94.6

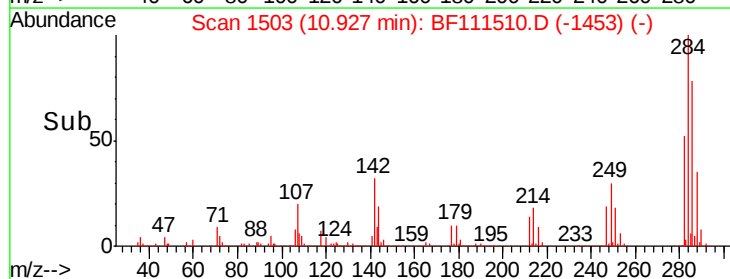
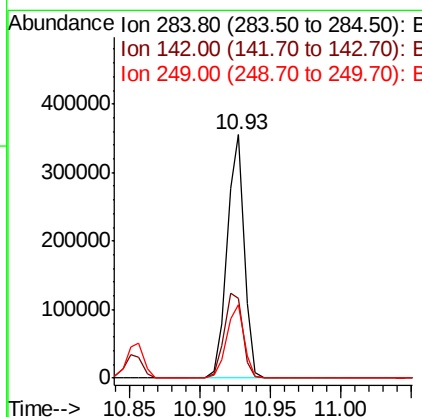
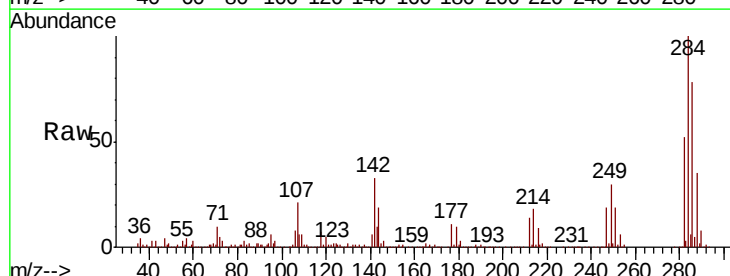
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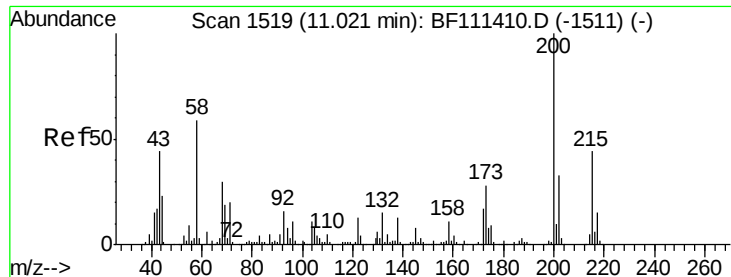
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#68
 Hexachlorobenzene
 Concen: 42.841 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. -0.01 min
 Lab File: BF111510.D
 Acq: 16 Dec 2018 16:00

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.7	27.4	41.2
249	30.2	24.4	36.6





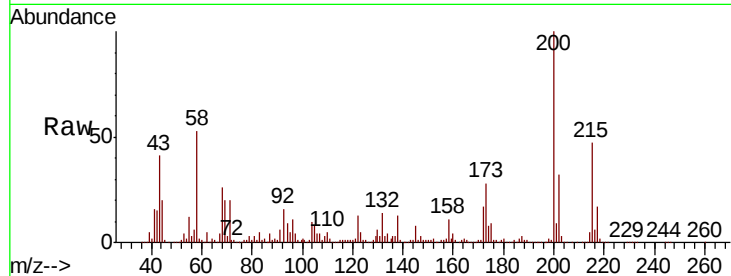
#69
Atrazine
Concen: 44.284 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF111510.D
Acq: 16 Dec 2018 16:00

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-01MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.5	10.1	50.1
215	47.4	26.9	66.9

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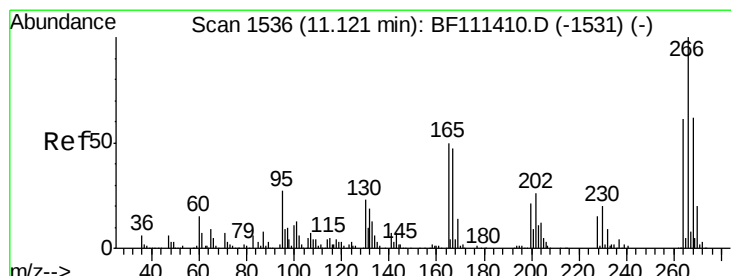
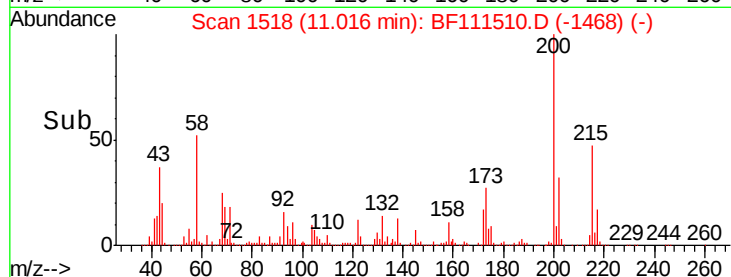
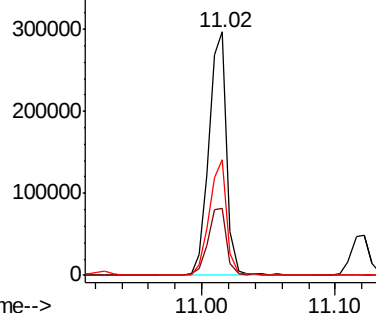


Abundance

Ion 200.00 (199.70 to 200.70): E

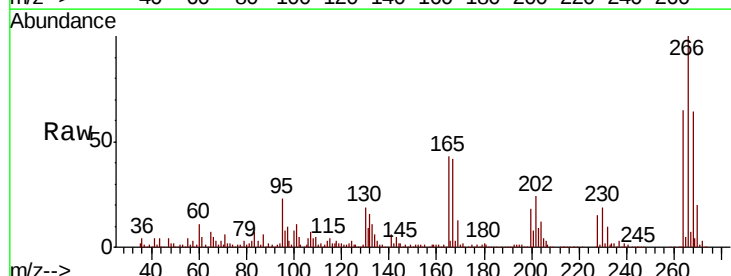
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 61.629 ng
RT: 11.12 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BF111510.D
Acq: 16 Dec 2018 16:00

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.3	47.9	71.9
264	64.5	49.1	73.7

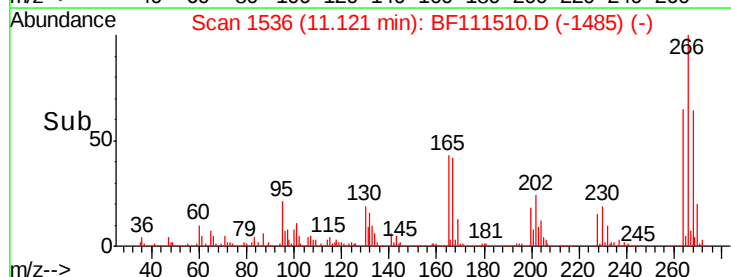
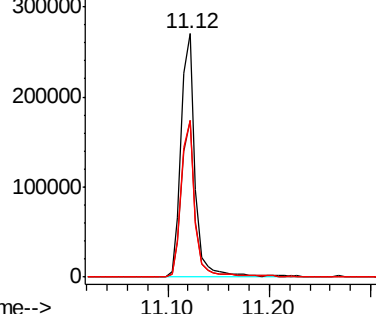


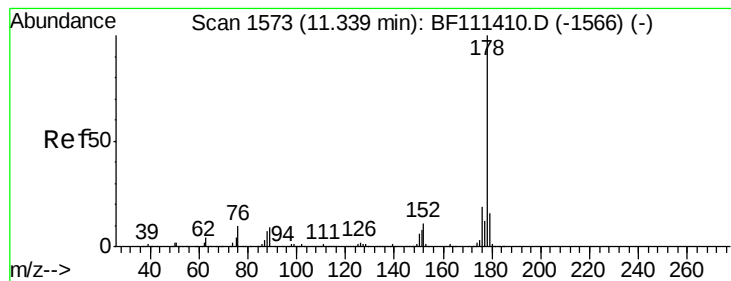
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 47.719 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF111510.D

Acq: 16 Dec 2018 16:00

Instrument :

BNA_F

ClientSampleId :

P001-SS006-1824-01MS

Tot Ion:178 Resp: 1548182

Ion Ratio Lower Upper

178 100

176 19.6 18.1 27.1

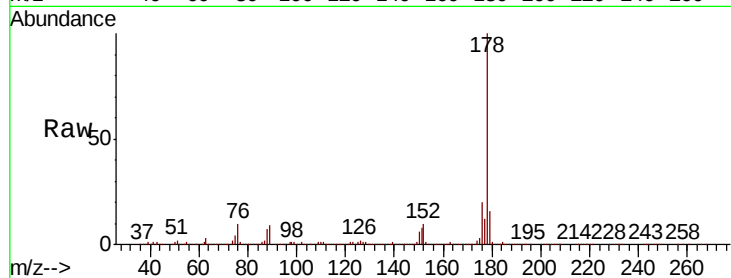
179 15.8 14.0 21.0

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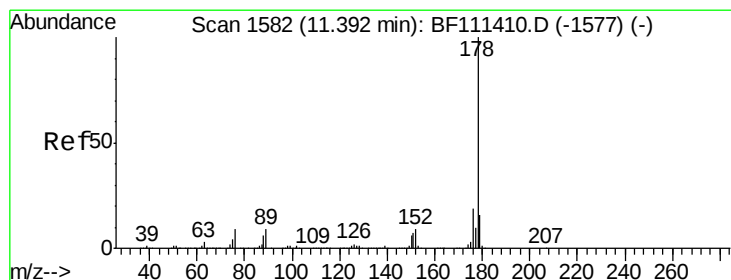
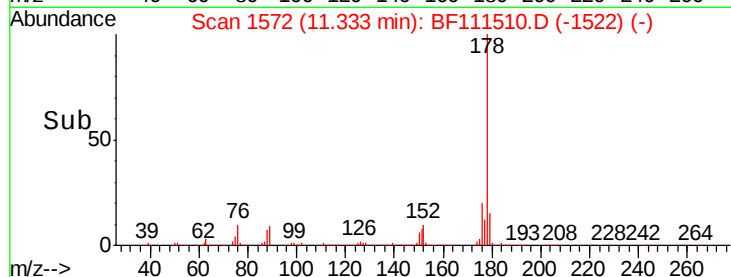
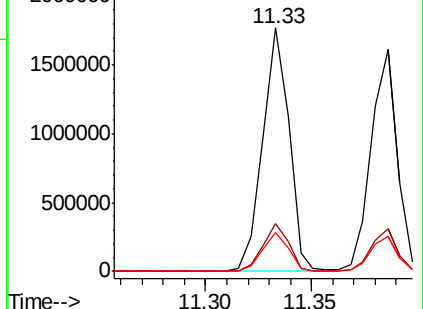
12/17/2018 11:19:46 AM



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: 42.827 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF111510.D

Acq: 16 Dec 2018 16:00

Tgt Ion:178 Resp: 1421012

Ion Ratio Lower Upper

178 100

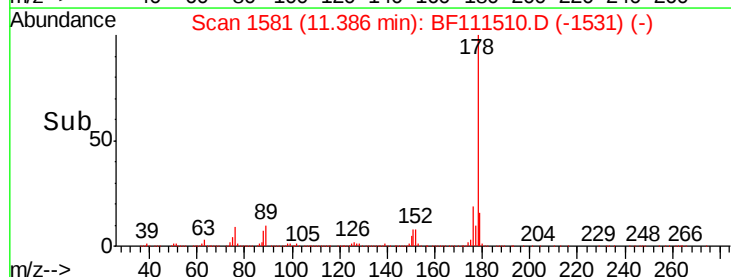
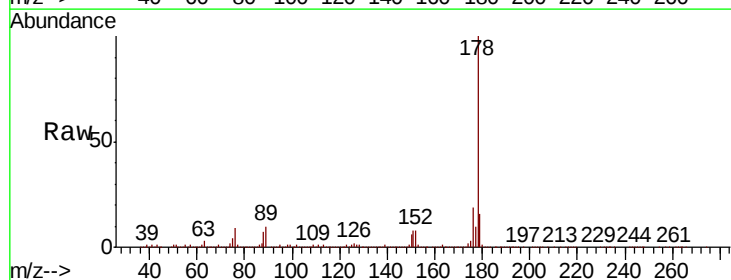
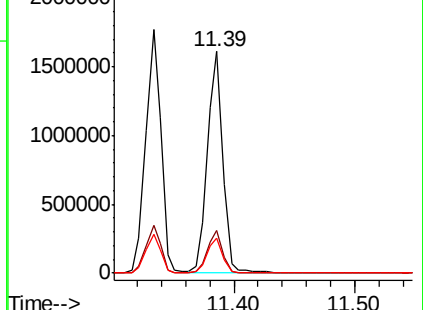
176 19.4 17.2 25.8

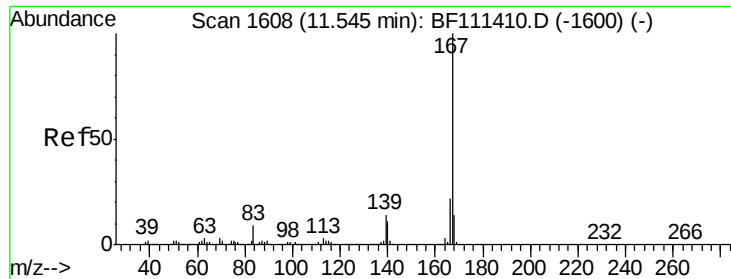
179 15.9 13.8 20.8

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





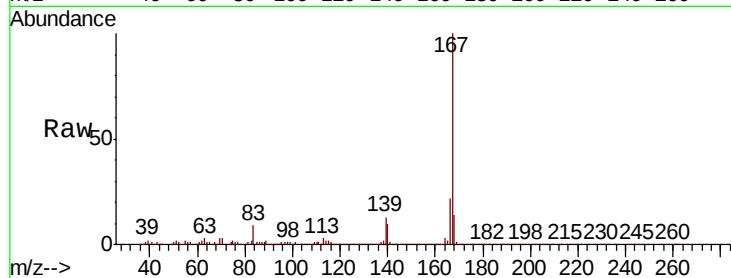
#73
 Carbazole
 Concen: 36.962 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. -0.01 min
 Lab File: BF111510.D
 Acq: 16 Dec 2018 16:00

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS006-1824-01MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	19.3	28.9
139	13.3	11.9	17.9

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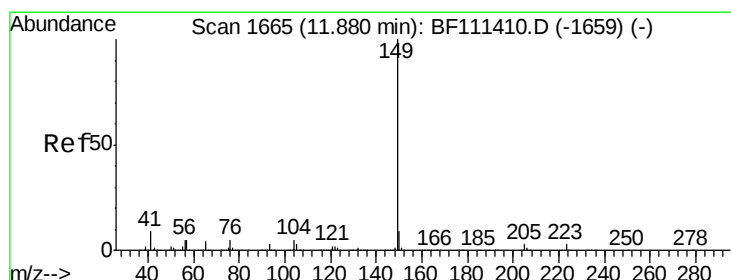
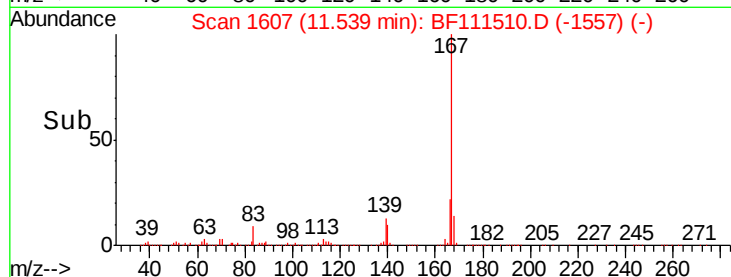
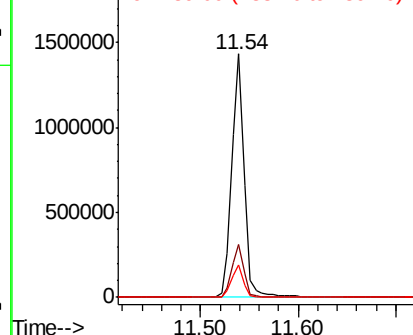


Abundance

Ion 167.00 (166.70 to 167.70): E

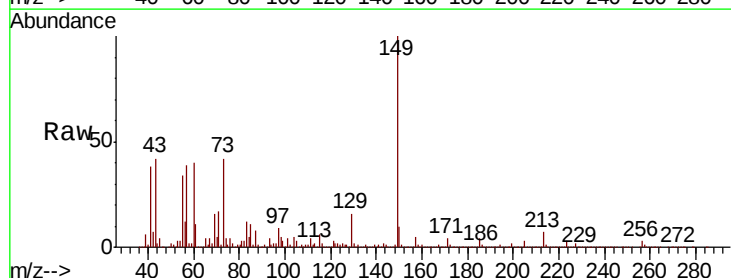
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 35.186 ng
 RT: 11.87 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BF111510.D
 Acq: 16 Dec 2018 16:00

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.8	13.2
104	4.5	4.5	6.7

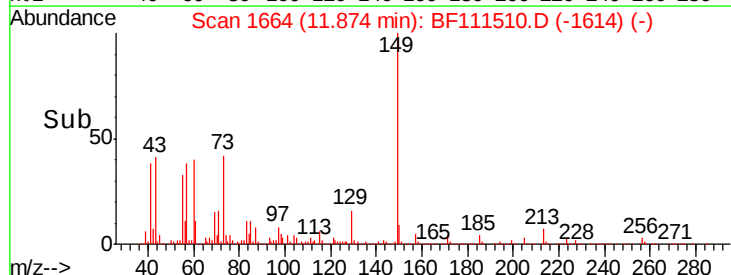
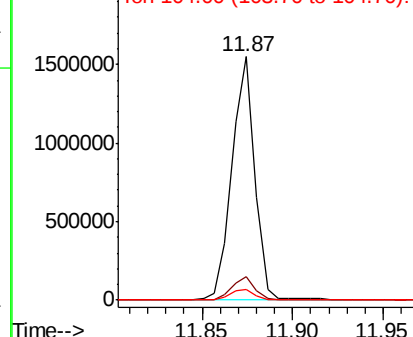


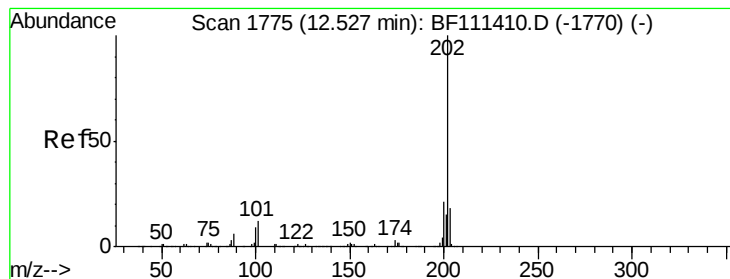
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





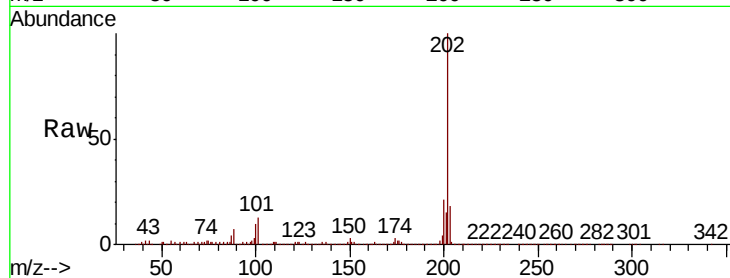
#75
 Fluoranthene
 Concen: 41.073 ng
 RT: 12.52 min Scan# 1774
 Delta R.T. -0.01 min
 Lab File: BF111510.D
 Acq: 16 Dec 2018 16:00

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS006-1824-01MS

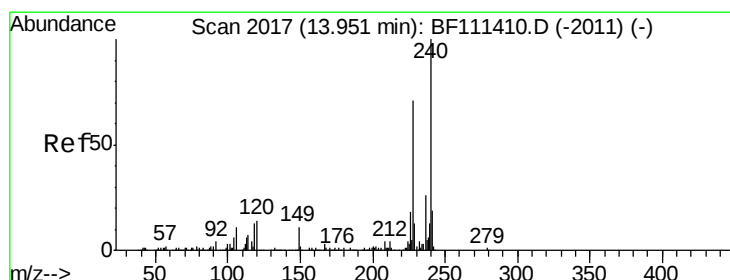
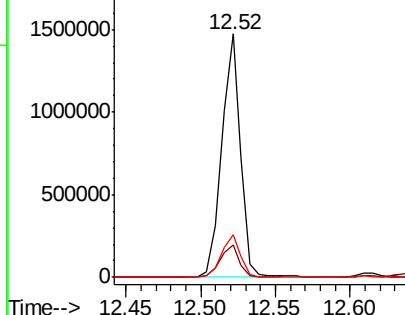
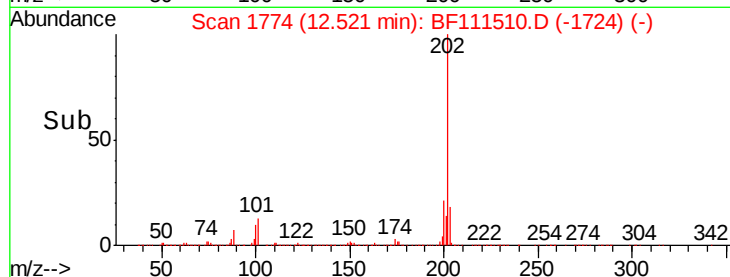
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	33.8
203	17.7	0.0	38.6

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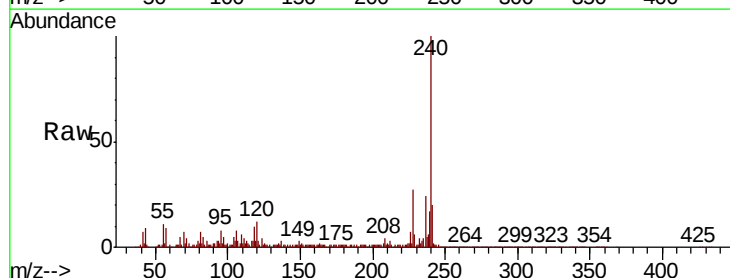


Abundance Ion 202.00 (201.70 to 202.70): E
 2000000
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

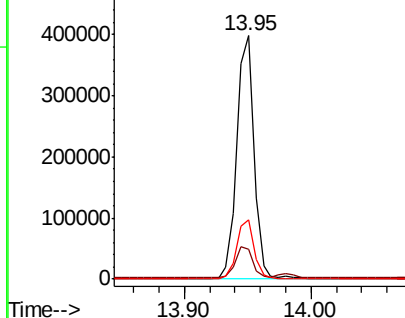
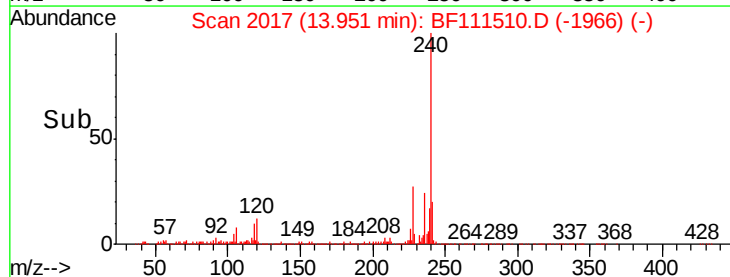


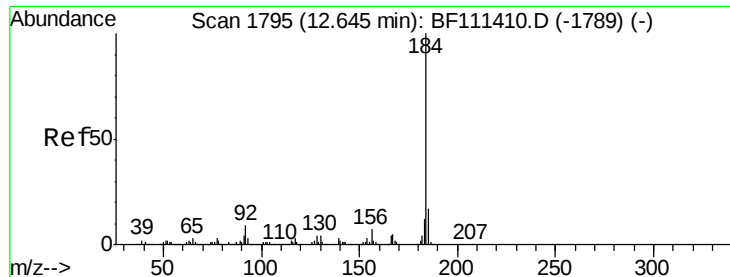
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.00 min
 Lab File: BF111510.D
 Acq: 16 Dec 2018 16:00

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.2	12.2	18.2
236	24.5	20.2	30.2



Abundance Ion 240.00 (239.70 to 240.70): E
 500000
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.290 ng/mL

RT: 12.66 min Scan# 1797

Delta R.T. 0.01 min

Lab File: BF111510.D

Acq: 16 Dec 2018 16:00

Instrument :

BNA_F

ClientSampleId :

P001-SS006-1824-01MS

Tot Ion:184 Resp: 3964

Ion Ratio Lower Upper

184 100

185 6619.2 13.0 19.6

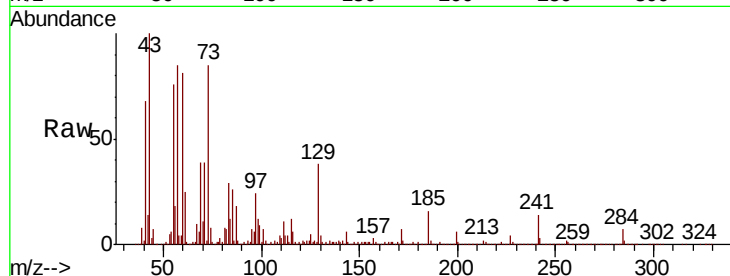
183 133.5 9.3 13.9

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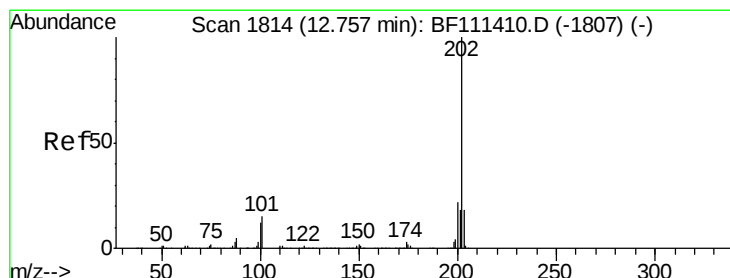
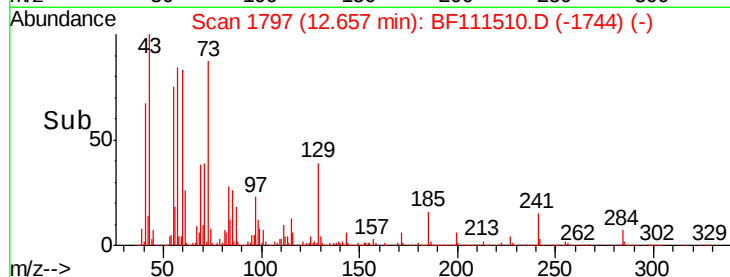
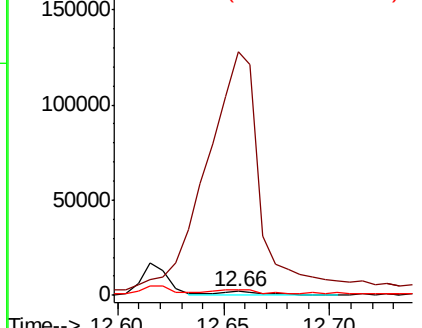
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 52.473 ng/mL

RT: 12.75 min Scan# 1813

Delta R.T. -0.01 min

Lab File: BF111510.D

Acq: 16 Dec 2018 16:00

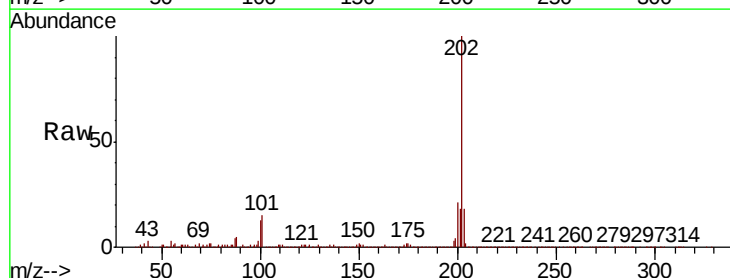
Tgt Ion:202 Resp: 1376977

Ion Ratio Lower Upper

202 100

200 21.3 19.0 28.4

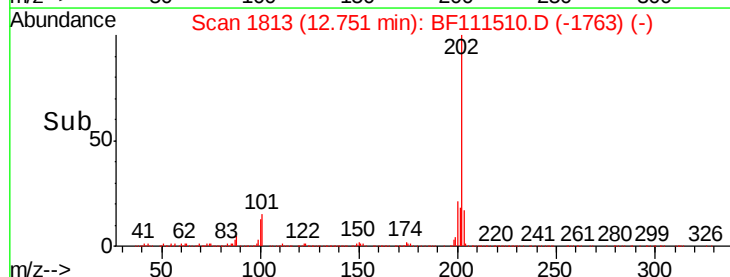
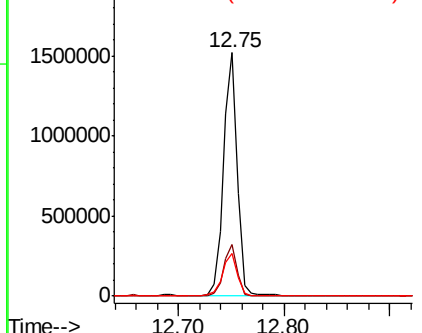
203 17.7 15.2 22.8

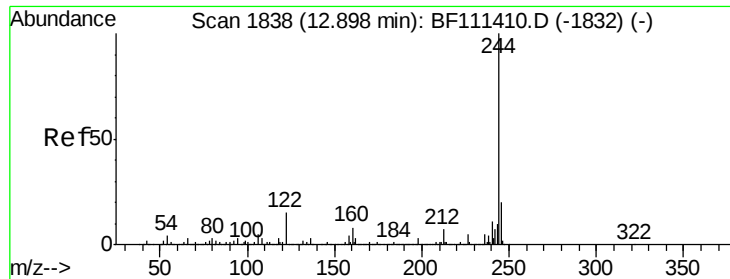


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





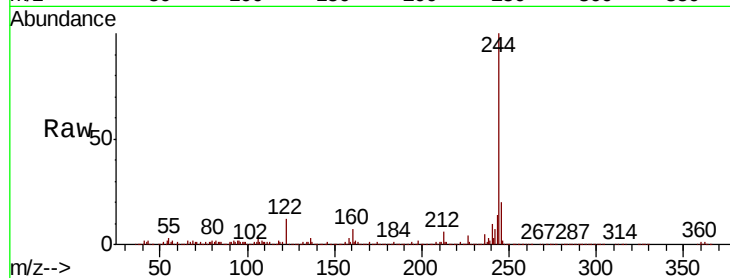
#79
Terphenyl-d14
Concen: 89.676 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BF111510.D
Acq: 16 Dec 2018 16:00

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-01MS

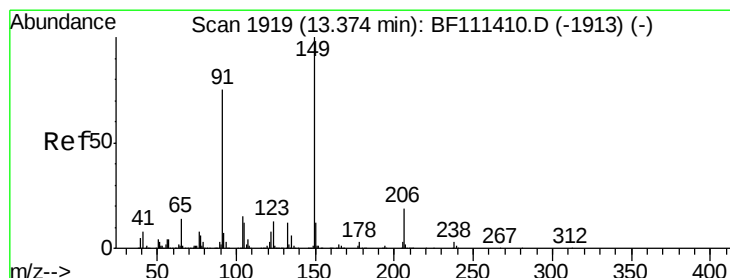
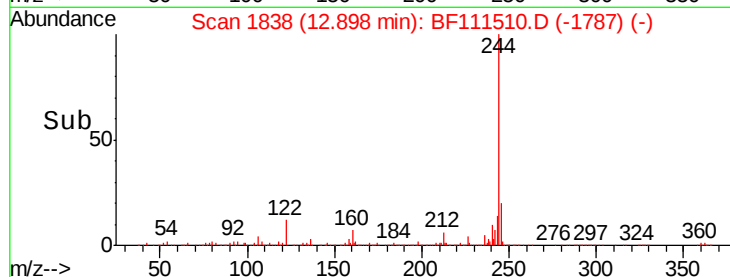
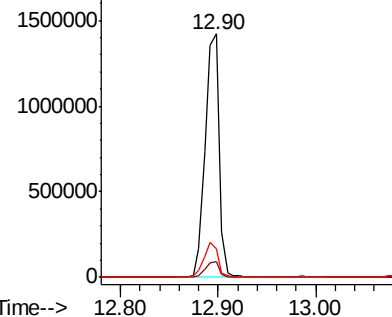
Tot Ion:244 Resp: 1421403
Ion Ratio Lower Upper
244 100
212 6.5 5.7 8.5
122 12.0 13.1 19.7#

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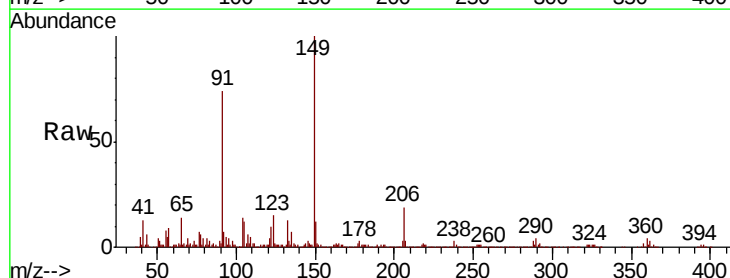


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

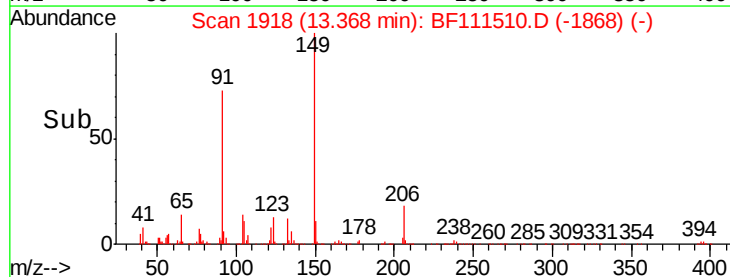
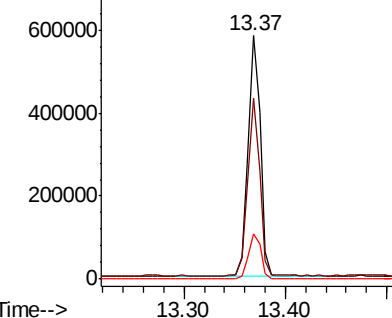


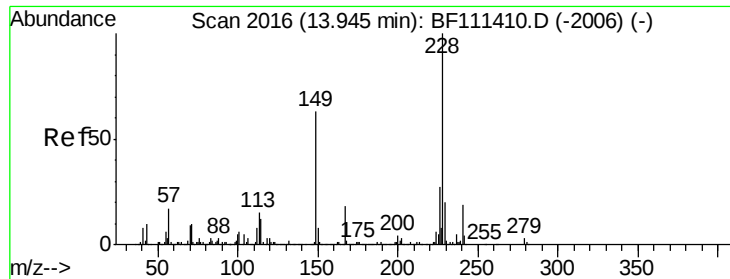
#80
Butylbenzylphthalate
Concen: 38.581 ng
RT: 13.37 min Scan# 1918
Delta R.T. -0.01 min
Lab File: BF111510.D
Acq: 16 Dec 2018 16:00

Tgt Ion:149 Resp: 493484
Ion Ratio Lower Upper
149 100
91 74.0 63.8 95.6
206 18.5 15.1 22.7



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





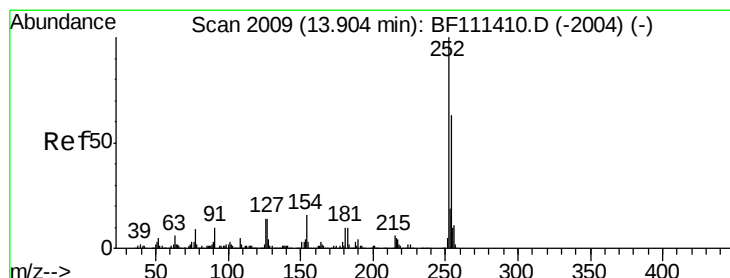
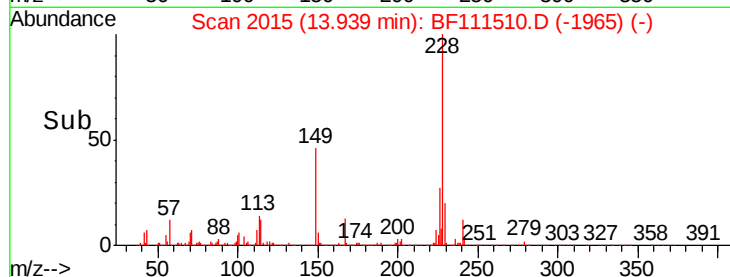
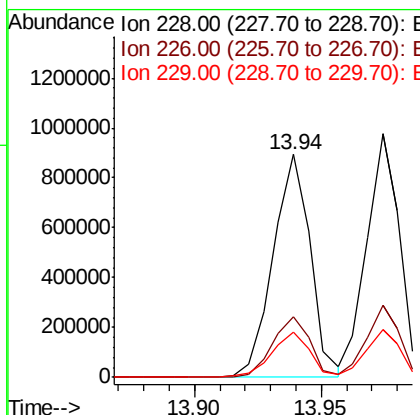
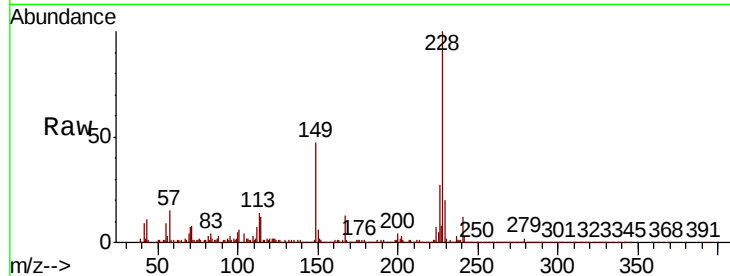
#81
Benzo(a)anthracene
Concen: 44.811 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF111510.D
Acq: 16 Dec 2018 16:00

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-01MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	34.0
229	20.3	16.3	24.5

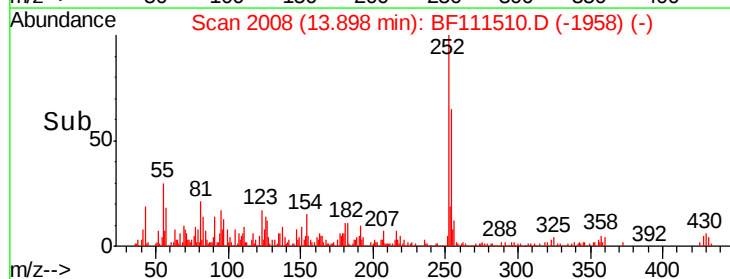
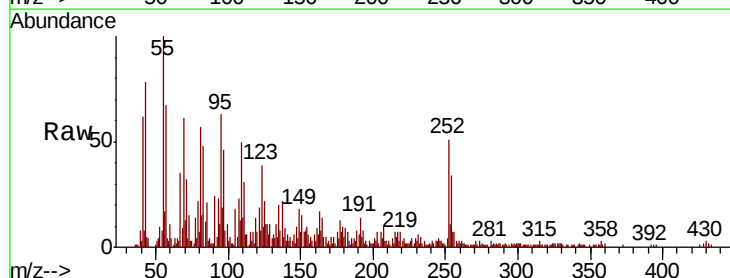
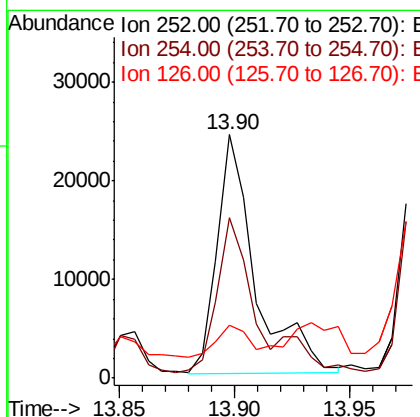
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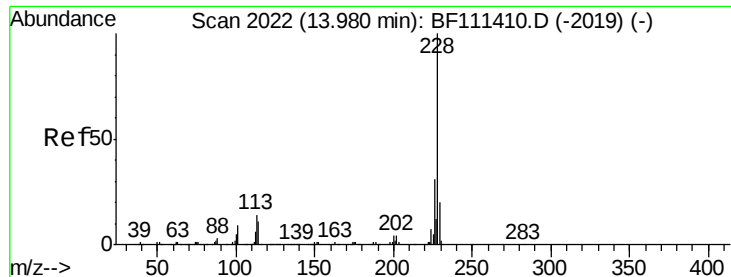
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#82
3,3'-Dichlorobenzidine
Concen: 3.413 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF111510.D
Acq: 16 Dec 2018 16:00

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.9	52.7	79.1
126	21.9	11.1	16.7#





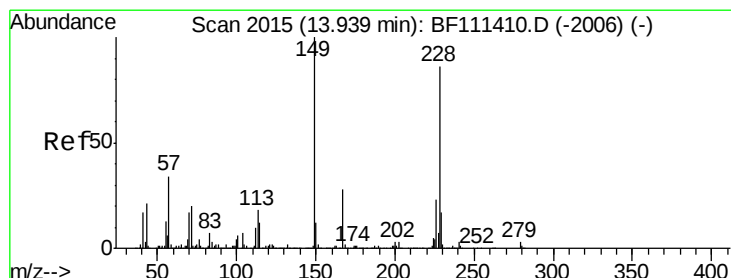
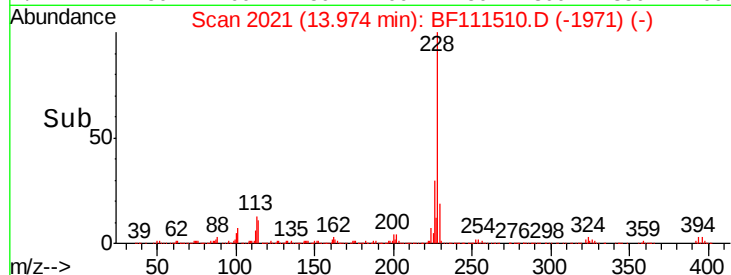
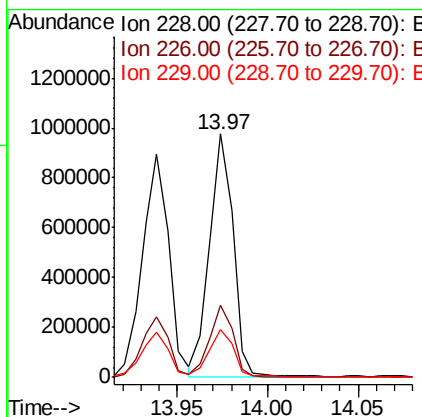
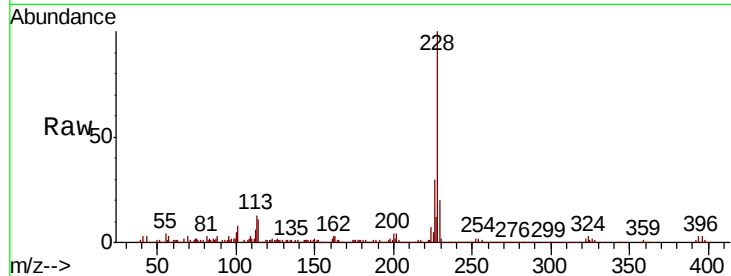
#83
 Chrvsene
 Concen: 41.584 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF111510.D
 Acq: 16 Dec 2018 16:00

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS006-1824-01MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.3	37.9
229	19.7	17.2	25.8

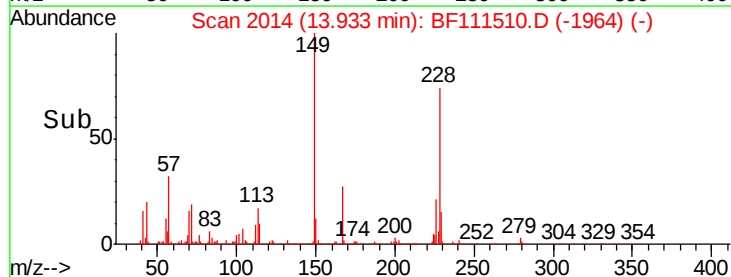
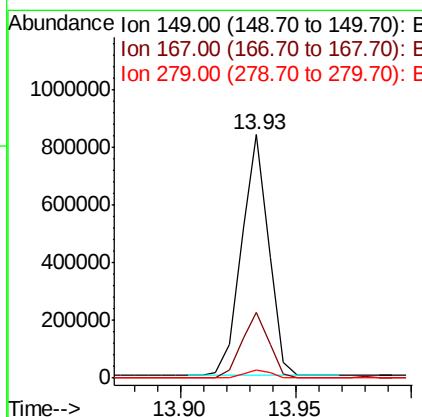
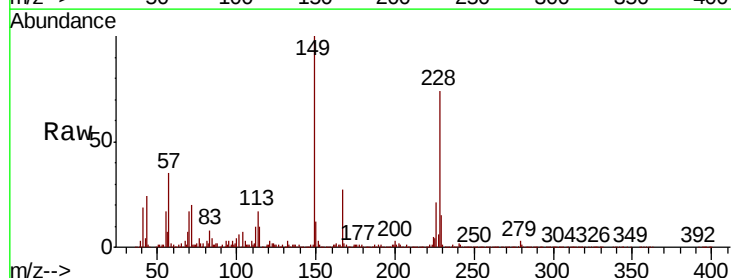
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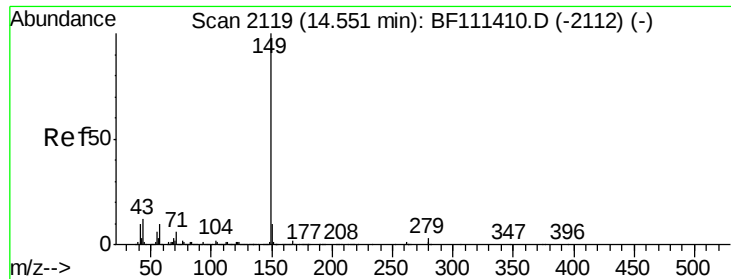
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.699 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF111510.D
 Acq: 16 Dec 2018 16:00

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.8	22.5	33.7
279	3.3	2.6	4.0





#85

Di-n-octyl phthalate

Concen: 40.677 ng

RT: 14.54 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BF111510.D

Acq: 16 Dec 2018 16:00

Instrument :

BNA_F

ClientSampleId :

P001-SS006-1824-01MS

Tot Ion:149 Resp: 1120953

Ion Ratio Lower Upper

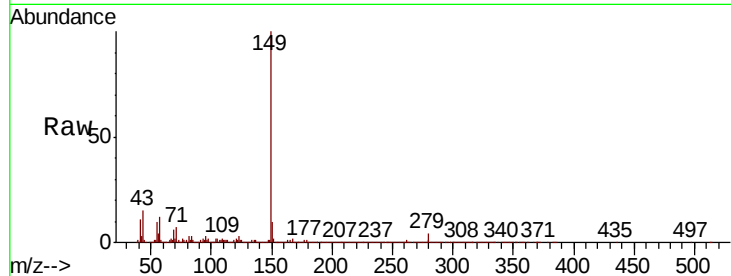
149 100

167 1.6 1.3 1.9

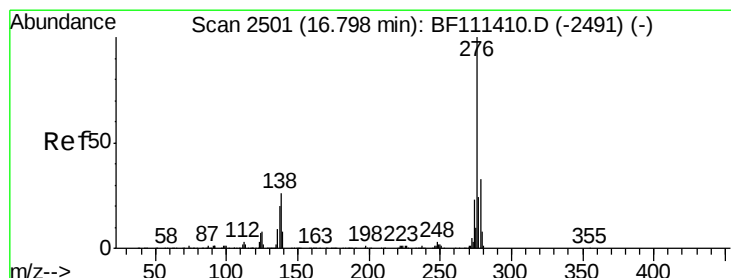
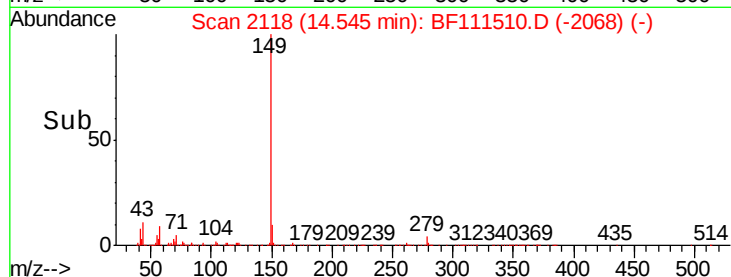
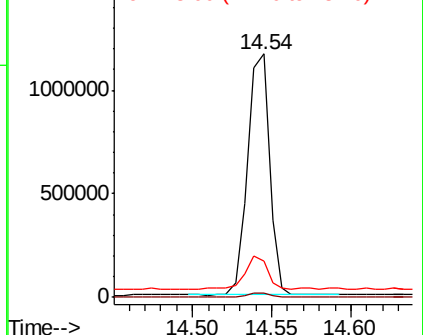
43 14.5 10.9 16.3

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 48.899 ng

RT: 16.80 min Scan# 2502

Delta R.T. 0.01 min

Lab File: BF111510.D

Acq: 16 Dec 2018 16:00

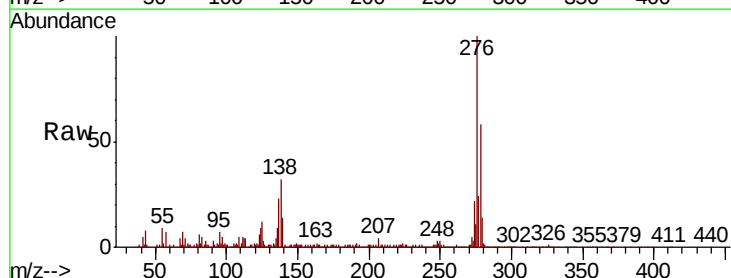
Tgt Ion:276 Resp: 752410

Ion Ratio Lower Upper

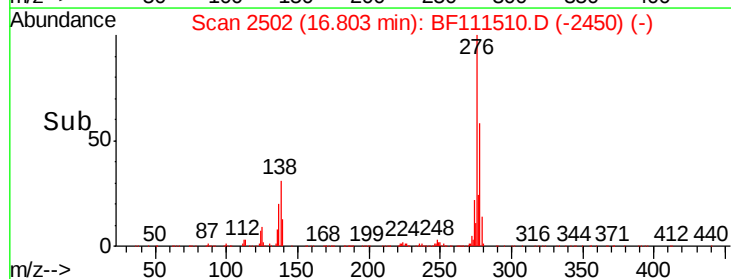
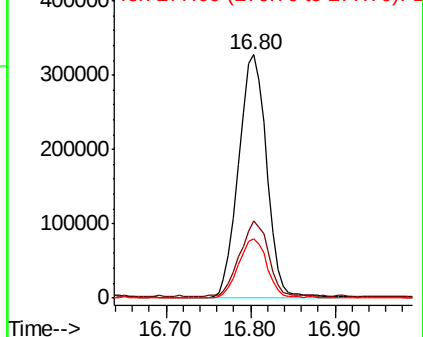
276 100

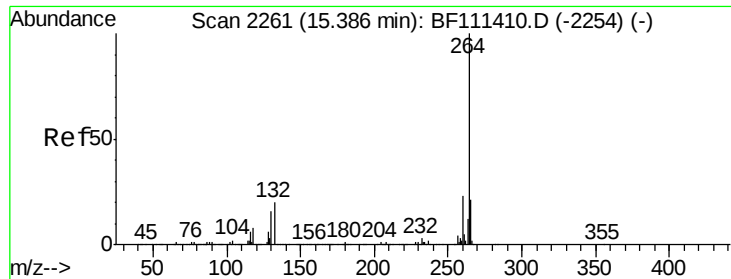
138 31.6 27.8 41.6

277 24.4 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2261

Delta R.T. -0.00 min

Lab File: BF111510.D

Acq: 16 Dec 2018 16:00

Instrument :

BNA_F

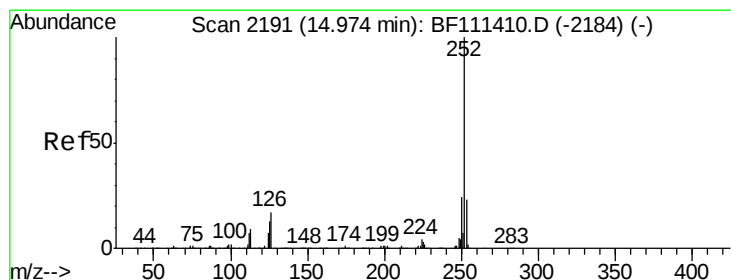
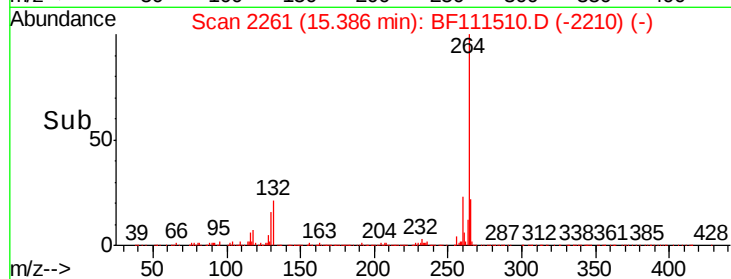
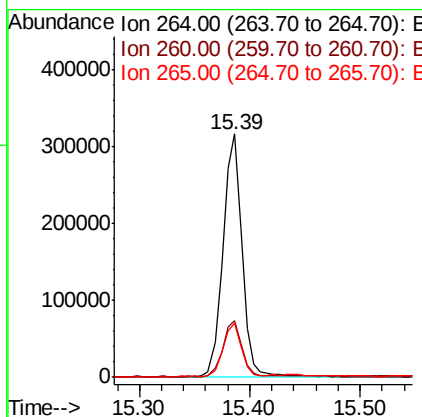
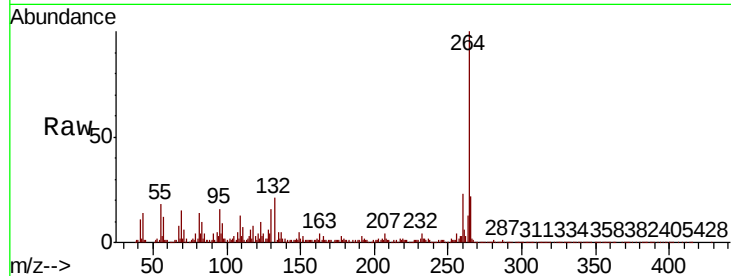
ClientSampleId :

P001-SS006-1824-01MS

Tot Ion:	264	Resp:	382091
Ion Ratio	Lower	Upper	
264	100		
260	23.4	18.3	27.5
265	22.4	17.7	26.5

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#88

Benzo(b)fluoranthene

Concen: 34.537 ng

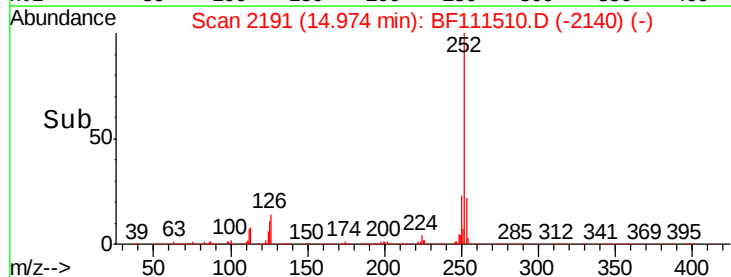
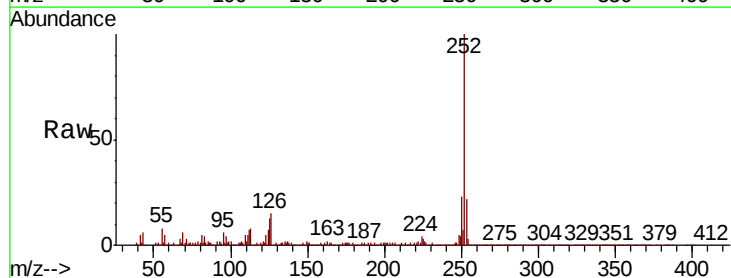
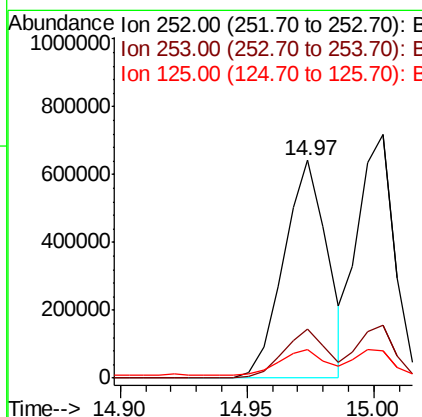
RT: 14.97 min Scan# 2191

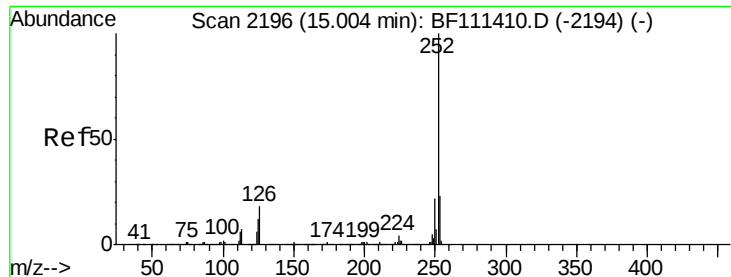
Delta R.T. -0.00 min

Lab File: BF111510.D

Acq: 16 Dec 2018 16:00

Tgt Ion:	252	Resp:	769361
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.2	27.2
125	12.9	10.4	15.6





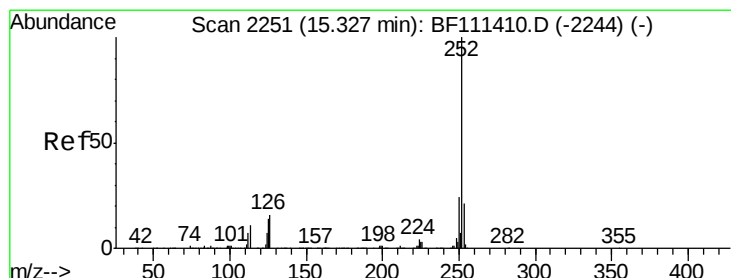
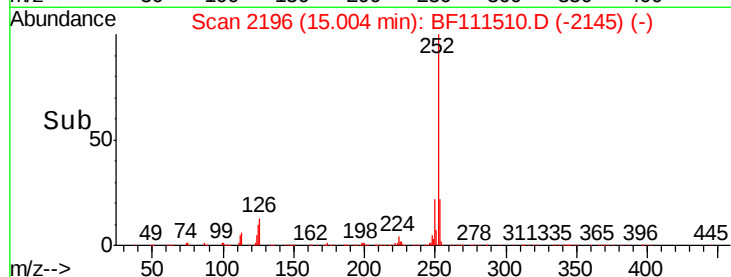
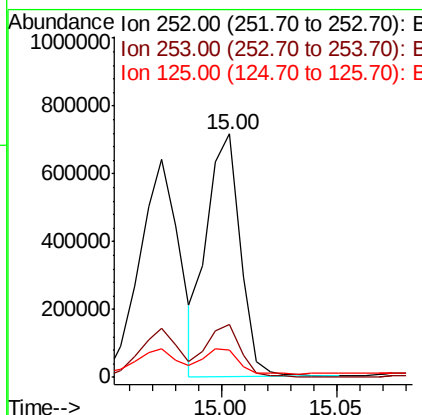
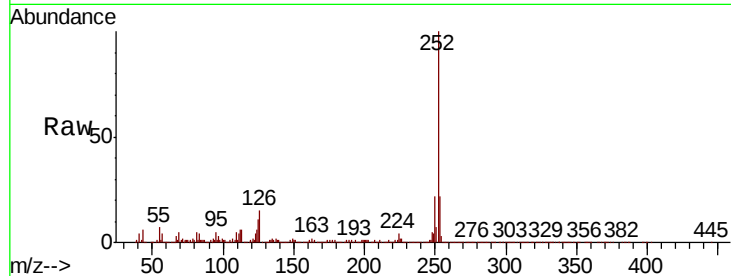
#89
Benzo(k)fluoranthene
Concen: 33.794 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BF111510.D
Acq: 16 Dec 2018 16:00

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-01MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	11.3	9.8	14.8

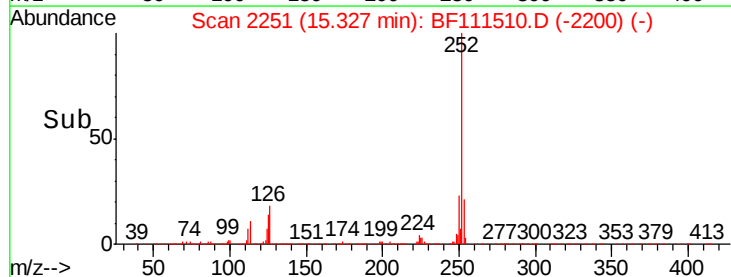
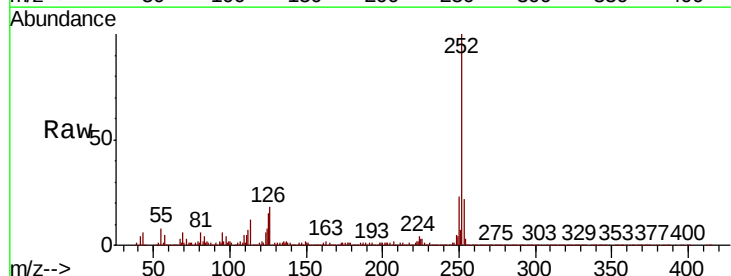
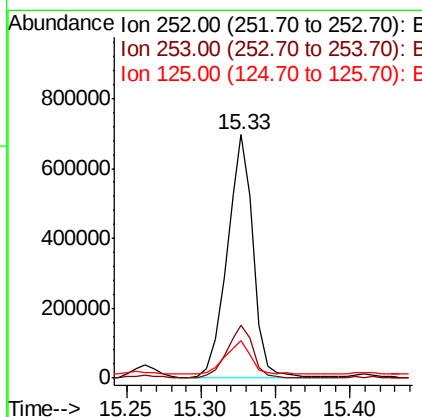
Manual Integrations
APPROVED

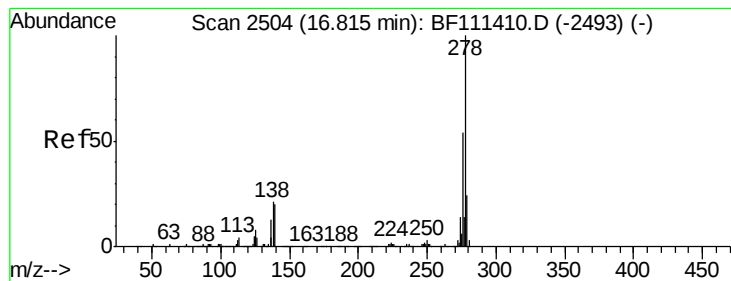
Sohil
12/17/2018 11:19:46 AM



#90
Benzo(a)pyrene
Concen: 41.804 ng
RT: 15.33 min Scan# 2251
Delta R.T. -0.00 min
Lab File: BF111510.D
Acq: 16 Dec 2018 16:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.8
125	15.3	12.3	18.5





#91

Dibenzo(a,h)anthracene

Concen: 39.929 ng

RT: 16.82 min Scan# 2504

Delta R.T. -0.00 min

Lab File: BF111510.D

Acq: 16 Dec 2018 16:00

Instrument :

BNA_F

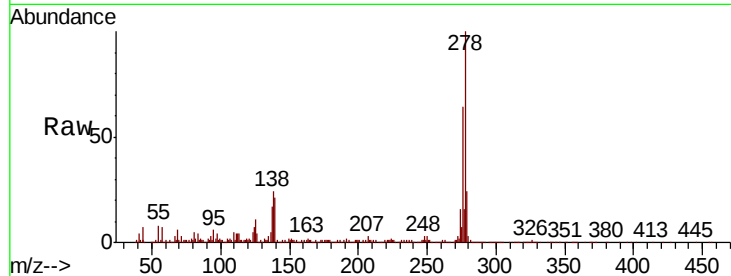
ClientSampleId :

P001-SS006-1824-01MS

Tot Ion:	278	Resp:	632718
Ion	Ratio	Lower	Upper
278	100		
139	20.9	18.2	27.4
279	24.1	19.0	28.6

Manual Integrations
APPROVED

Sohil
12/17/2018 11:19:46 AM

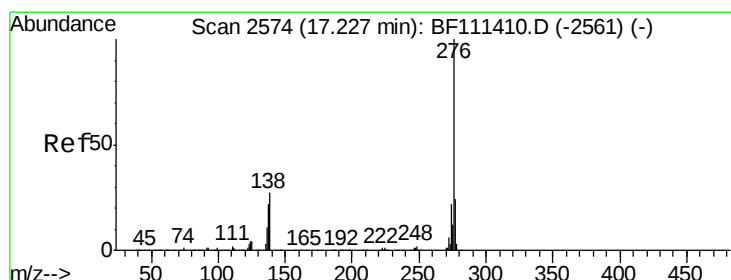
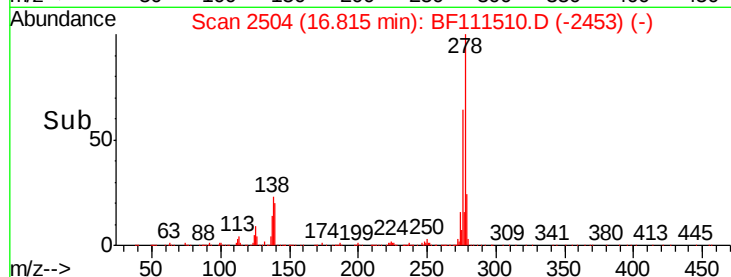
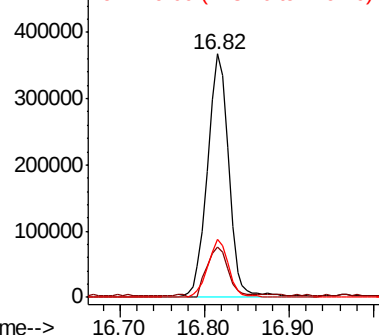


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.305 ng

RT: 17.23 min Scan# 2574

Delta R.T. -0.00 min

Lab File: BF111510.D

Acq: 16 Dec 2018 16:00

Tgt Ion:	276	Resp:	626910
Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.2	28.8
138	30.0	24.9	37.3

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

