

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
 Data File : BF102769.D
 Acq On : 6 Feb 2018 6:11
 Operator : SJ/JU
 Sample : J1454-03MSD
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 8-SAN-5-EW(0-4)MSD

Manual Integrations
 APPROVED

Sohil
 2/6/2018 2:26:25 PM

Quant Time: Feb 06 07:46:46 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	240082	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	997220	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	430961	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	631157	20.00	ng	0.00
75) Chrysene-d12	14.05	240	365710	20.00	ng	0.00
86) Perylene-d12	15.53	264	363023	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1346128	85.15	ng	0.01
7) Phenol-d6	6.51	99	1639043	86.11	ng	0.00
23) Nitrobenzene-d5	7.45	82	1037463	72.17	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	300747	86.70	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1608372	61.93	ng	0.00
78) Terphenyl-d14	12.99	244	1076625	69.71	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	220560	28.247	ng	87
3) Pyridine	3.49	79	599026	27.767	ng	89
4) n-Nitrosodimethylamine	3.44	42	322028	34.889	ng	94
6) Aniline	6.55	93	475510	16.916	ng	97
8) 2-Chlorophenol	6.67	128	539615	33.156	ng	96
9) Benzaldehyde	6.43	77	191063	13.516	ng	92
10) Phenol	6.53	94	744765	36.509	ng	99
11) bis(2-Chloroethyl)ether	6.62	93	542580	31.964	ng	90
12) 1,3-Dichlorobenzene	6.82	146	572675	30.385	ng	99
13) 1,4-Dichlorobenzene	6.90	146	574099	30.579	ng	99
14) 1,2-Dichlorobenzene	7.06	146	531143	30.374	ng	98
15) Benzyl Alcohol	7.02	79	487788	33.331	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1001850	31.070	ng	98
17) 2-Methylphenol	7.13	107	466480	31.073	ng	99
18) Hexachloroethane	7.39	117	193520	30.059	ng	93
19) n-Nitroso-di-n-propylamine	7.30	70	385657	30.729	ng	96
20) 3+4-Methylphenols	7.29	107	549882	29.702	ng	# 73
22) Acetophenone	7.29	105	750130	30.739	ng	# 94
24) Nitrobenzene	7.47	77	578995	34.224	ng	97
25) Isophorone	7.70	82	1090289	32.938	ng	100
26) 2-Nitrophenol	7.78	139	264936	39.918	ng	98
27) 2,4-Dimethylphenol	7.82	122	498180	35.623	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	695069	35.447	ng	99
29) 2,4-Dichlorophenol	8.02	162	442650	34.819	ng	96
30) 1,2,4-Trichlorobenzene	8.10	180	447198	31.095	ng	99
31) Naphthalene	8.19	128	1564611	32.113	ng	99
32) Benzoic acid	7.87	122	38642m	12.272	ng	
33) 4-Chloroaniline	8.23	127	237704	11.325	ng	99
34) Hexachlorobutadiene	8.30	225	226831	30.779	ng	100
35) Caprolactam	8.60	113	157593m	35.695	ng	
36) 4-Chloro-3-methylphenol	8.72	107	485005	33.955	ng	96
37) 2-Methylnaphthalene	8.88	142	1046296	32.800	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	385443	32.847	ng	99
40) Hexachlorocyclopentadiene	9.03	237	112079	20.092	ng	97

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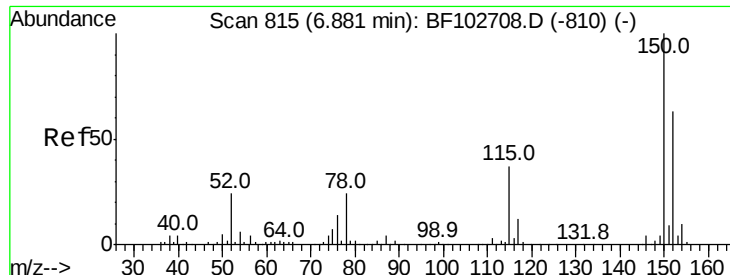
Manual Integrations
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 2/6/2018 2:26:25 PM

Quant Time: Feb 06 07:46:46 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	279052	36.206	nq	95
43) 2,4,5-Trichlorophenol	9.20	196	297223	34.215	nq	95
45) 1,1'-Biphenyl	9.35	154	1139735	31.399	nq	99
46) 2-Chloronaphthalene	9.37	162	907611	31.760	nq	98
47) 2-Nitroaniline	9.46	65	332518	38.453	nq	89
48) Acenaphthylene	9.79	152	1330685	29.981	nq	99
49) Dimethylphthalate	9.65	163	1304704	38.827	nq	99
50) 2,6-Dinitrotoluene	9.70	165	231393	36.195	nq	96
51) Acenaphthene	9.96	154	808143	30.446	nq	99
52) 3-Nitroaniline	9.87	138	222596	28.298	nq	94
53) 2,4-Dinitrophenol	9.97	184	5979	12.976	nq #	1
54) Dibenzofuran	10.13	168	1206326	32.249	nq	97
55) 4-Nitrophenol	10.03	139	352613	55.827	nq	93
56) 2,4-Dinitrotoluene	10.10	165	285092	34.196	nq #	95
57) Fluorene	10.47	166	863416	31.724	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	203636	33.822	nq #	98
59) Diethylphthalate	10.34	149	1044933	31.493	nq	99
60) 4-Chlorophenyl-phenylether	10.46	204	389042	32.313	nq	98
61) 4-Nitroaniline	10.49	138	226040	30.189	nq	93
62) Azobenzene	10.62	77	977524	29.491	nq	95
64) 4,6-Dinitro-2-methylphenol	10.51	198	15038	14.007	nq #	82
65) n-Nitrosodiphenylamine	10.58	169	810762	36.418	nq	98
66) 4-Bromophenyl-phenylether	10.95	248	241731	36.206	nq	96
67) Hexachlorobenzene	11.02	284	232263	31.534	nq	99
68) Atrazine	11.11	200	237094	36.100	nq	98
69) Pentachlorophenol	11.21	266	203416	47.048	nq	99
70) Phenanthrene	11.44	178	1657231	47.146	nq	99
71) Anthracene	11.49	178	1223169	34.212	nq	99
72) Carbazole	11.64	167	1045370	29.846	nq	100
73) Di-n-butylphthalate	11.97	149	1477901	34.735	nq	99
74) Fluoranthene	12.63	202	1670536	47.235	nq	100
76) Benzidine	12.74	184	241531	14.370	nq	97
77) Pyrene	12.86	202	1577644	55.014	nq	99
79) Butylbenzylphthalate	13.46	149	498231	36.570	nq	97
80) Benzo(a)anthracene	14.04	228	1083690	47.118	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	225551	26.449	nq	98
82) Chrysene	14.08	228	1032794	44.546	nq	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	686438	39.074	nq	99
84) Di-n-octyl phthalate	14.63	149	1141860	43.288	nq	98
85) Indeno(1,2,3-cd)pyrene	17.02	276	726241	37.768	nq	100
87) Benzo(b)fluoranthene	15.10	252	1090056	46.314	nq	98
88) Benzo(k)fluoranthene	15.13	252	840495	37.374	nq	99
89) Benzo(a)pyrene	15.47	252	893952	42.197	nq	97
90) Dibenzo(a,h)anthracene	17.04	278	523369	30.436	nq	99
91) Benzo(g,h,i)perylene	17.47	276	597109	35.477	nq	99

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



#1

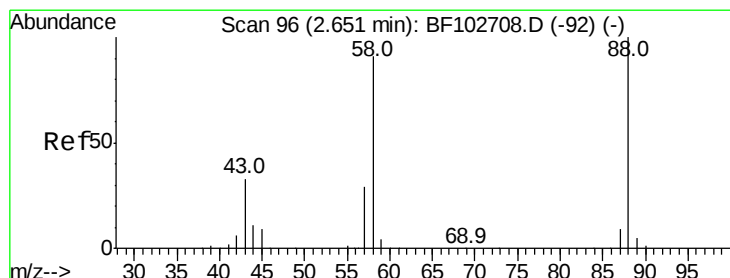
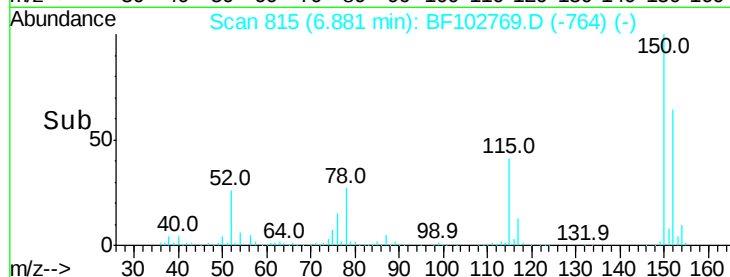
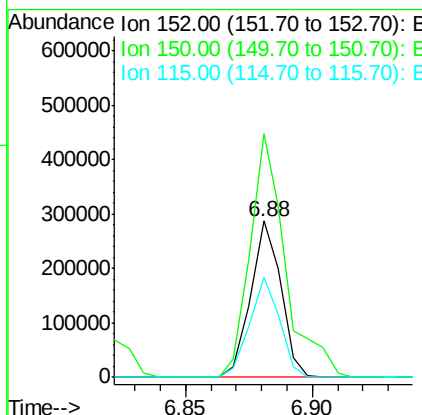
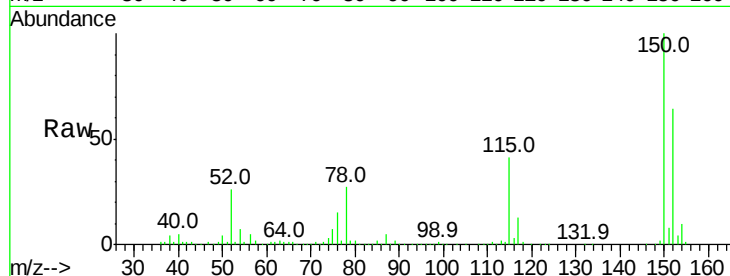
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

Instrument :
BNA_F
ClientSampleId :
8-SAN-5-EW(0-4)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.6	186.8
115	63.8	50.1	75.1

Manual Integrations
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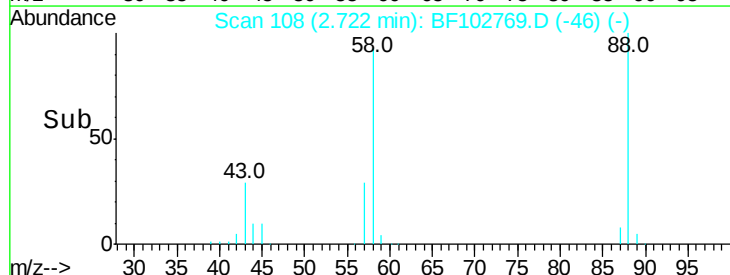
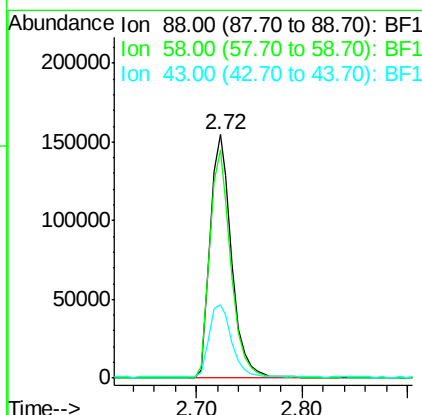
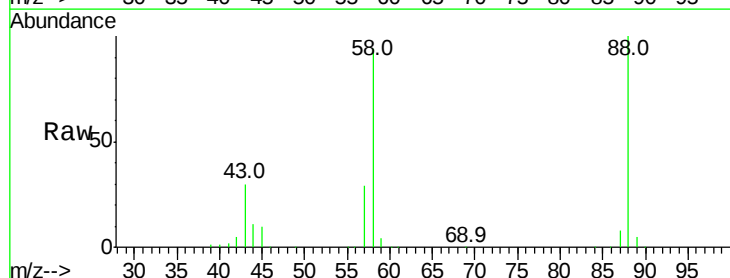
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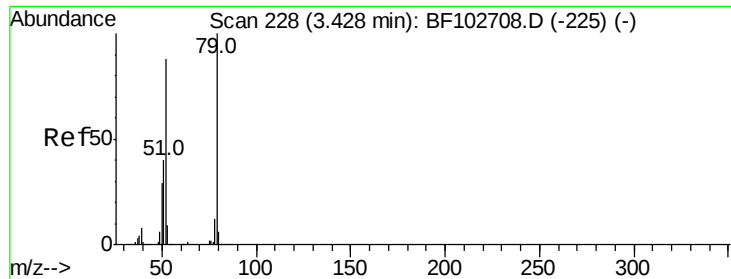


#2

1,4-Dioxane
Concen: 28.247 ng
RT: 2.72 min Scan# 108
Delta R.T. 0.06 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	93.1	62.6	93.8
43	31.4	24.6	37.0





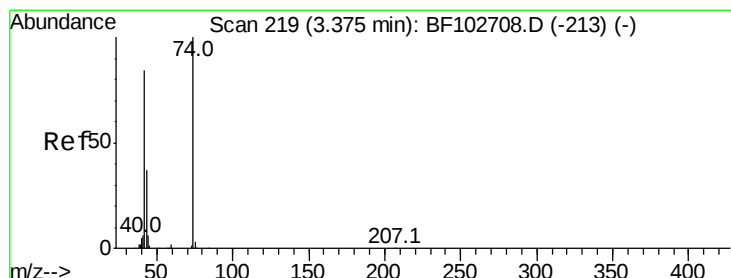
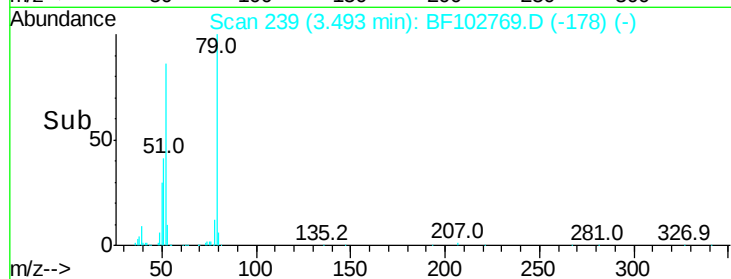
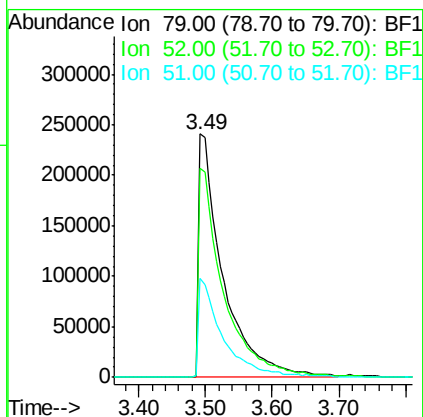
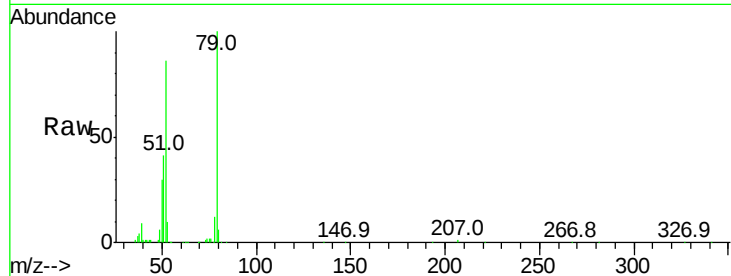
#3
 Pvridine
 Concen: 27.767 ng
 RT: 3.49 min Scan# 239
 Delta R.T. 0.06 min
 Lab File: BF102769.D
 Acq: 6 Feb 2018 6:11

Instrument :
 BNA_F
 ClientSampleId :
 8-SAN-5-EW(0-4)MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	85.7	59.8	89.6
51	40.7	29.8	44.8

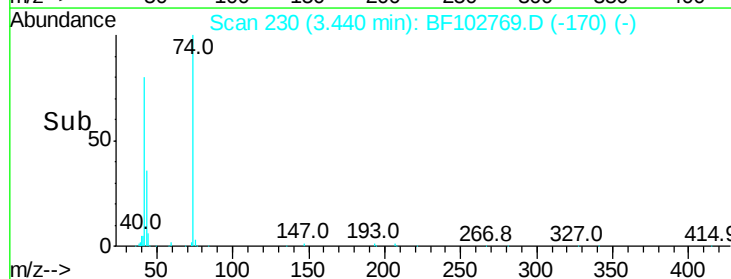
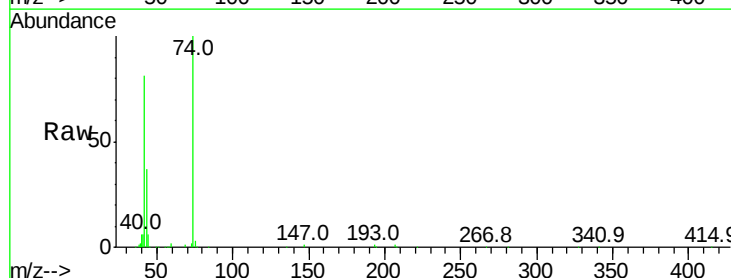
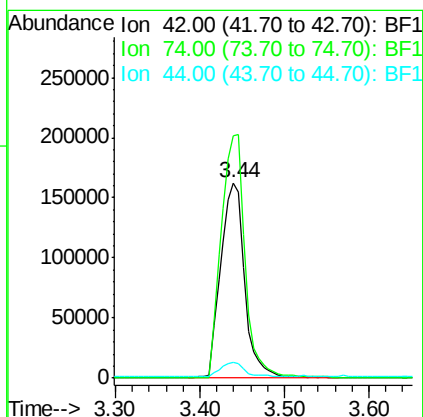
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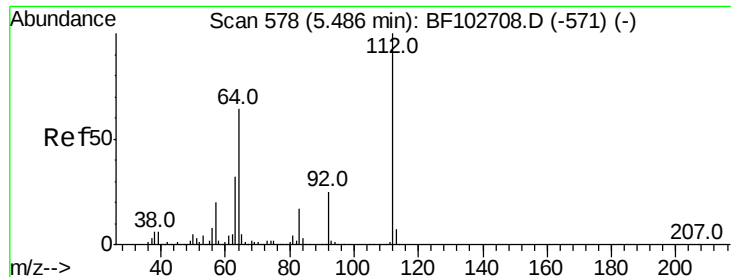
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#4
 n-Nitrosodimethylamine
 Concen: 34.889 ng
 RT: 3.44 min Scan# 230
 Delta R.T. 0.05 min
 Lab File: BF102769.D
 Acq: 6 Feb 2018 6:11

Tgt Ion	Ratio	Lower	Upper
42	100		
74	124.0	104.9	157.3
44	7.9	6.9	10.3





#5

2-Fluorophenol

Concen: 85.151 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.01 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

Instrument :

BNA_F

ClientSampleId :

8-SAN-5-EW(0-4)MSD

Tot Ion:112 Resp: 1346128

Ion Ratio Lower Upper

112 100

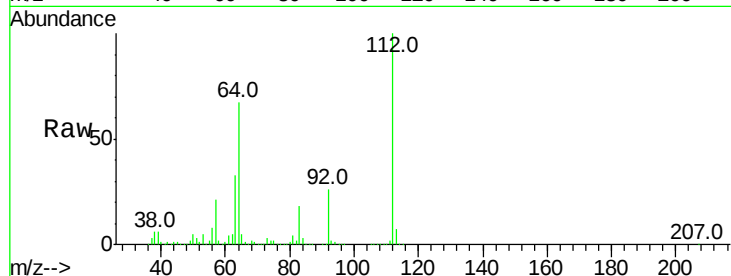
64 66.6 47.9 71.9

63 32.8 23.7 35.5

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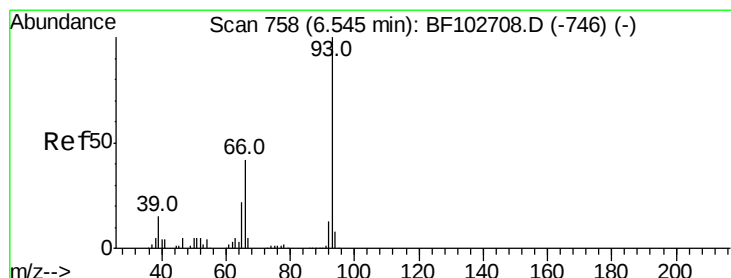
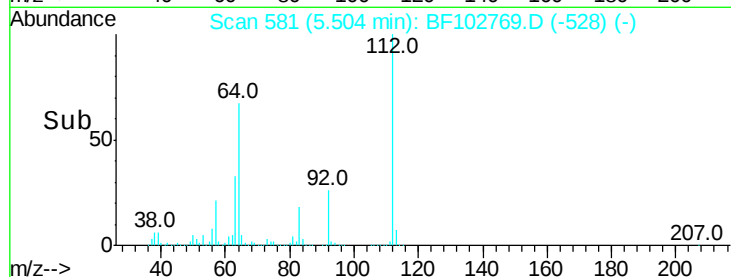
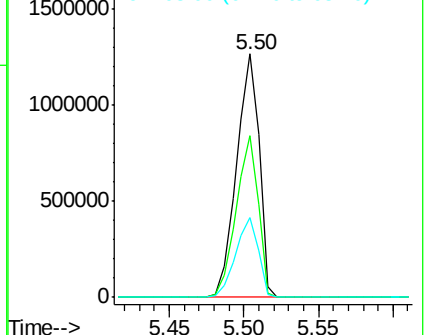
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 16.916 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

Tgt Ion: 93 Resp: 475510

Ion Ratio Lower Upper

93 100

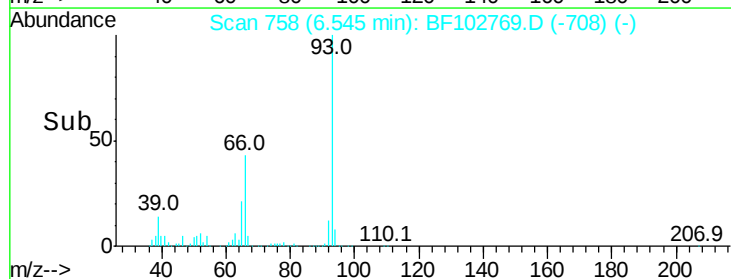
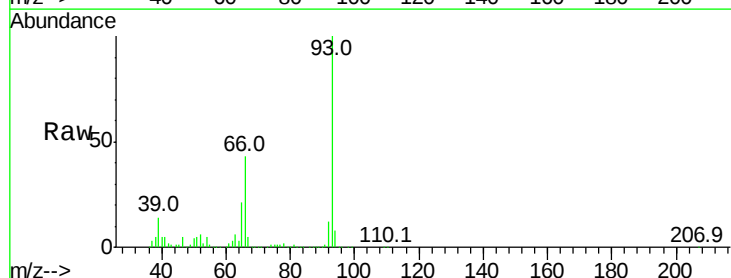
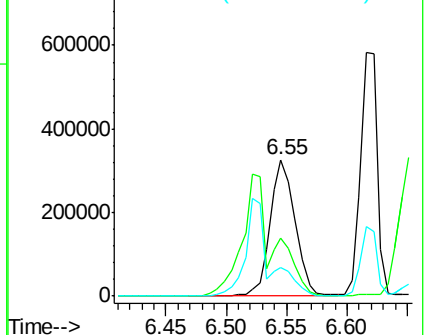
66 42.8 32.2 48.2

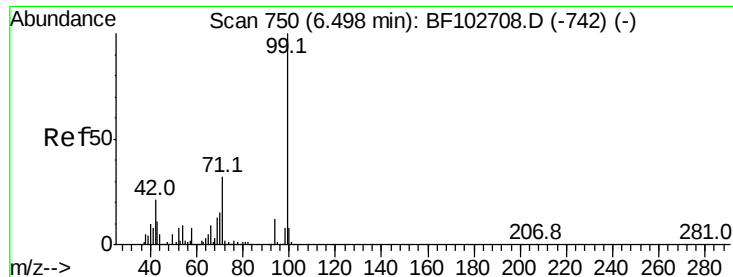
65 21.4 16.4 24.6

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: 86.108 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

Instrument :

BNA_F

ClientSampleId :

8-SAN-5-EW(0-4)MSD

Tot Ion: 99 Resp: 1639043

Ion Ratio Lower Upper

99 100

42 20.8 14.5 21.7

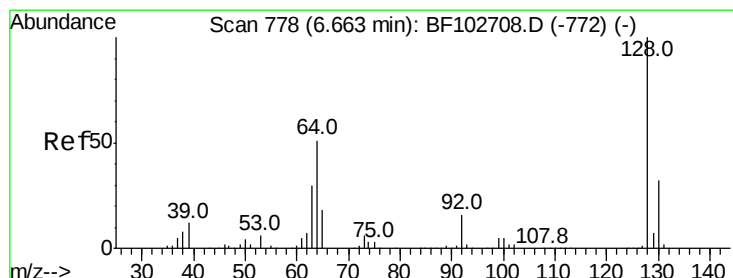
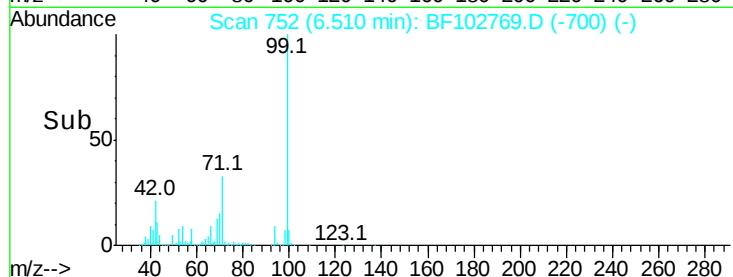
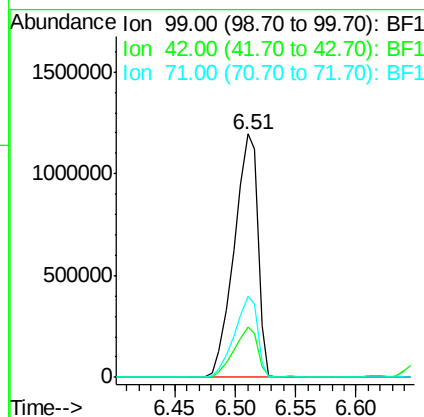
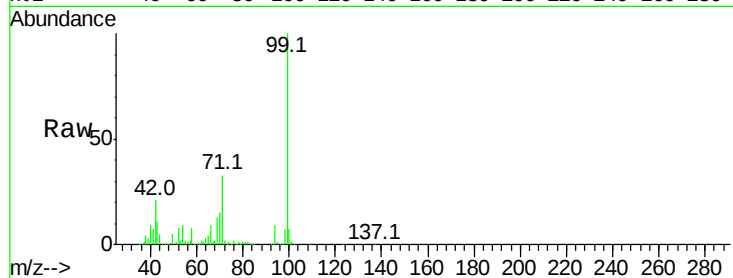
71 33.4 25.4 38.0

Manual Integrations

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#8

2-Chlorophenol

Concen: 33.156 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

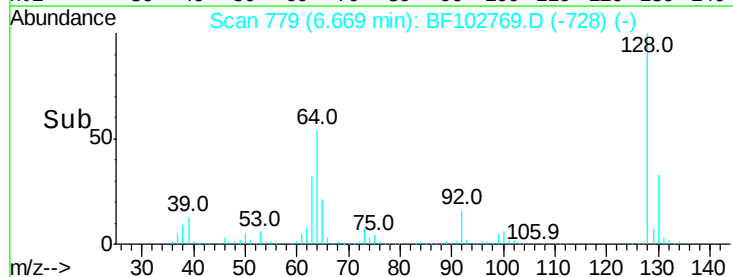
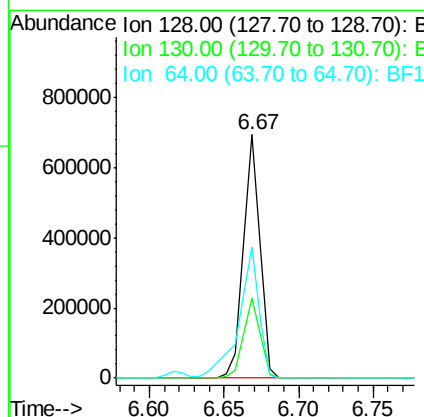
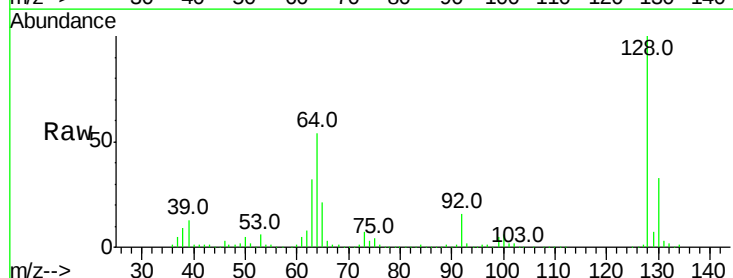
Tgt Ion: 128 Resp: 539615

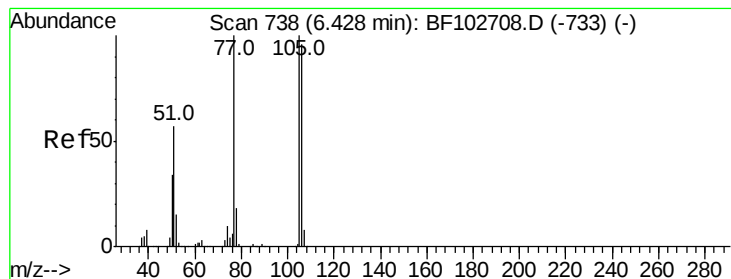
Ion Ratio Lower Upper

128 100

130 32.8 13.0 53.0

64 54.1 29.4 69.4





#9

Benzaldehyde

Concen: 13.516 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

Instrument :

BNA_F

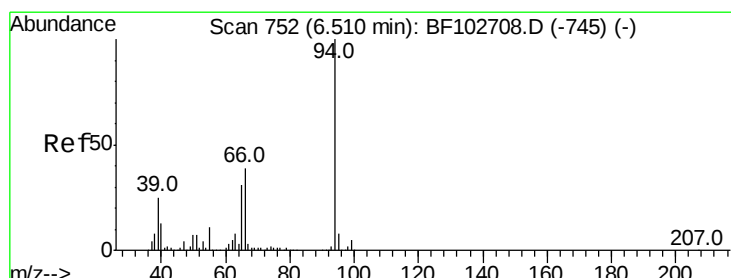
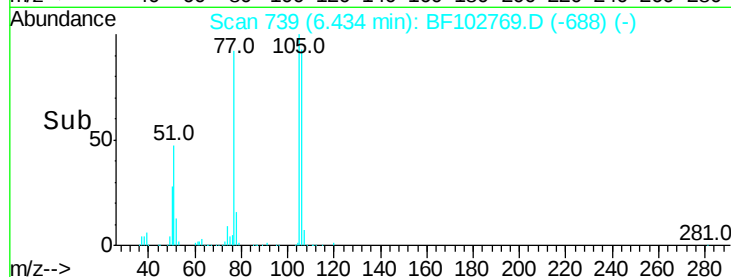
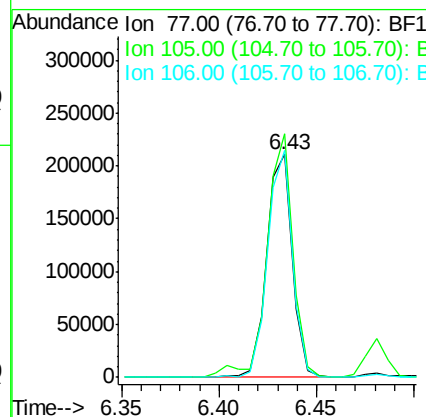
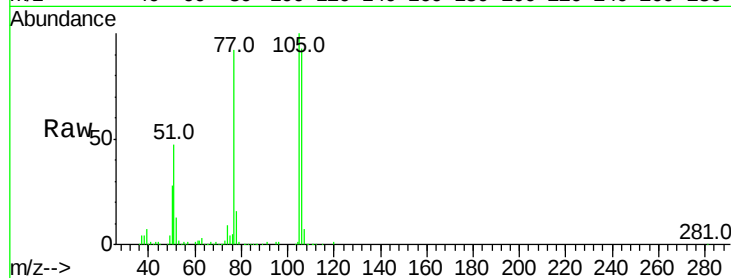
ClientSampleId :

8-SAN-5-EW(0-4)MSD

Tot Ion:	77	Resp:	191063
Ion Ratio	Lower	Upper	
77	100		
105	109.3	81.1	121.1
106	101.8	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 36.509 ng

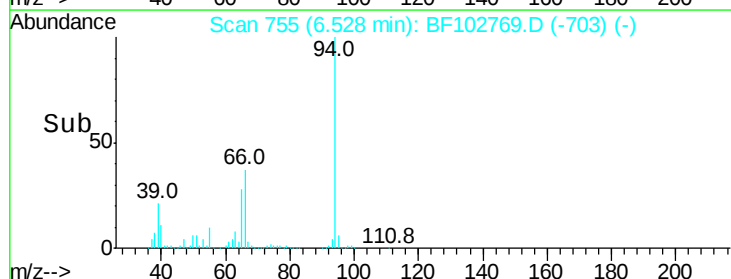
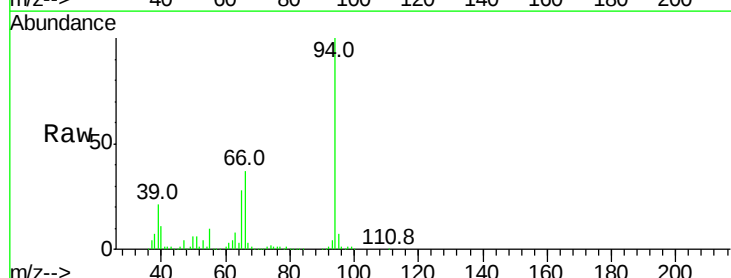
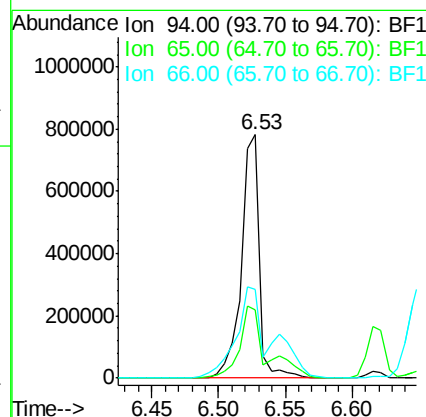
RT: 6.53 min Scan# 755

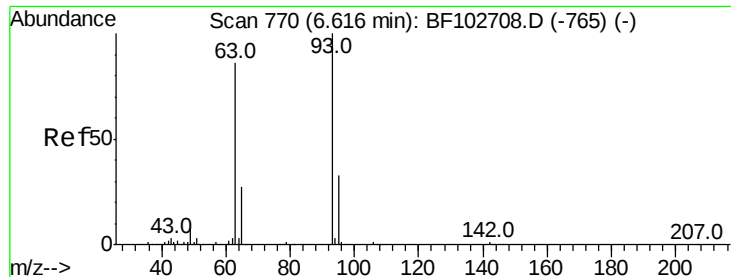
Delta R.T. 0.01 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

Tgt Ion:	94	Resp:	744765
Ion Ratio	Lower	Upper	
94	100		
65	28.2	7.9	47.9
66	36.5	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 31.964 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

Instrument :

BNA_F

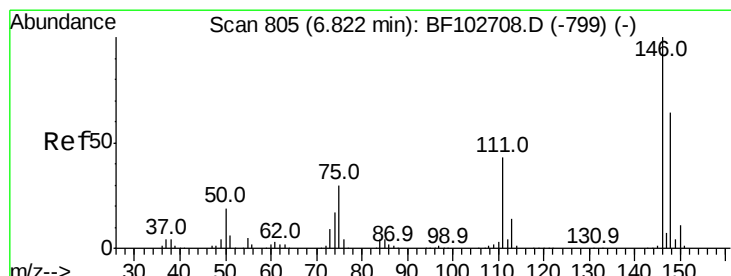
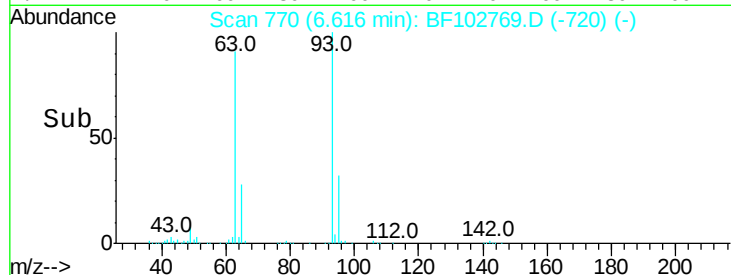
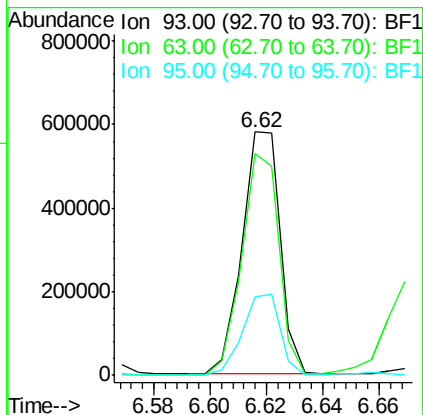
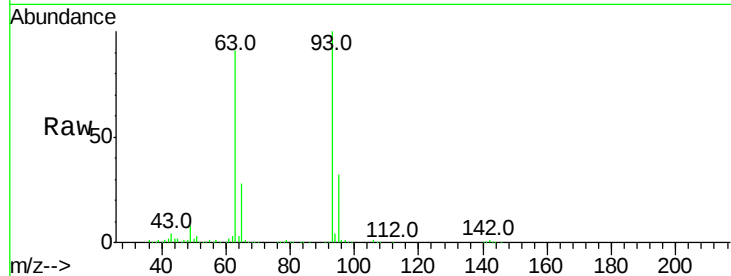
ClientSampleId :

8-SAN-5-EW(0-4)MSD

Tot Ion:	93	Resp:	542580
Ion Ratio	Lower	Upper	
93	100		
63	90.9	58.6	98.6
95	32.3	11.8	51.8

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 30.385 ng

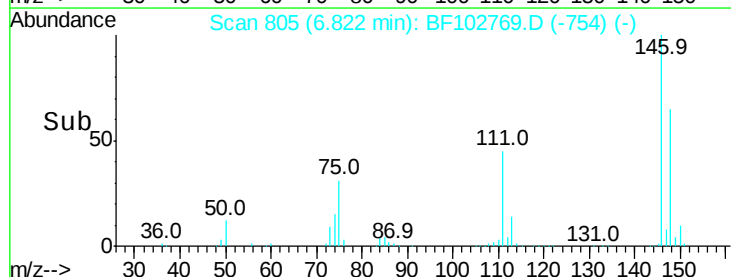
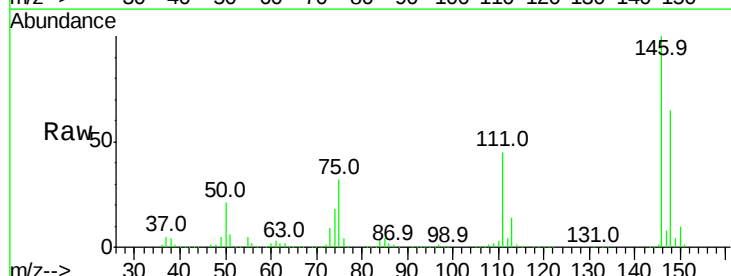
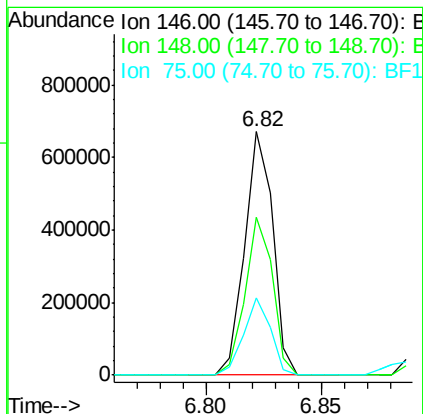
RT: 6.82 min Scan# 805

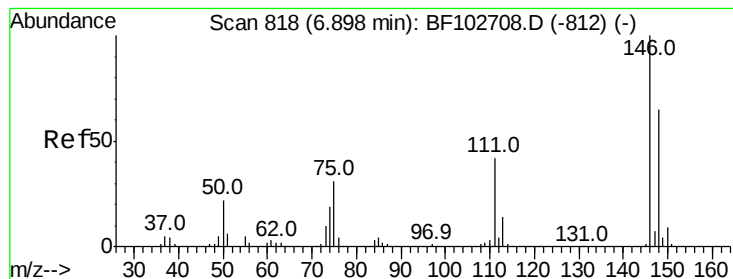
Delta R.T. -0.00 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

Tgt Ion:	146	Resp:	572675
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.8	77.8
75	31.7	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 30.579 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

Instrument :

BNA_F

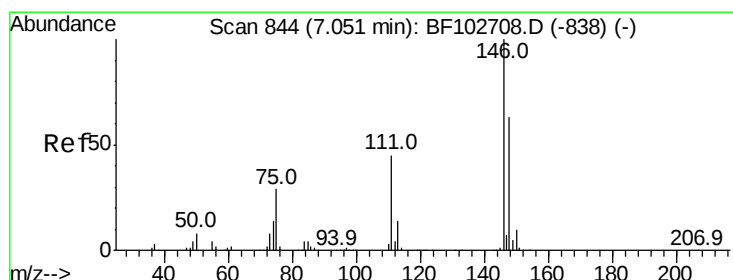
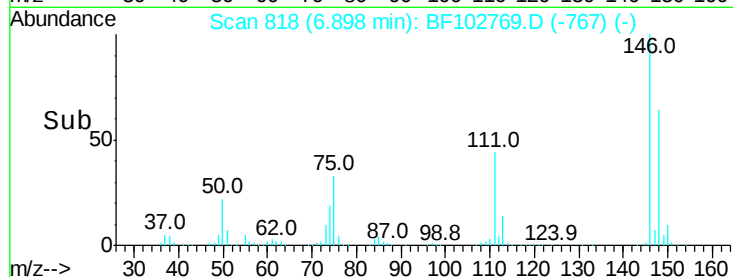
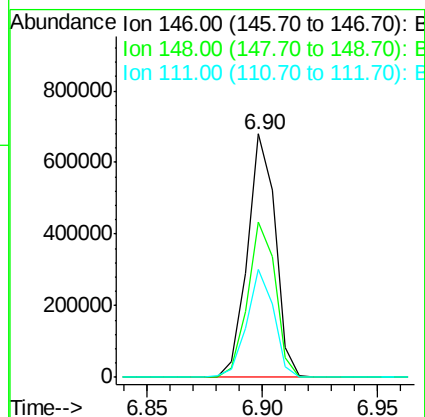
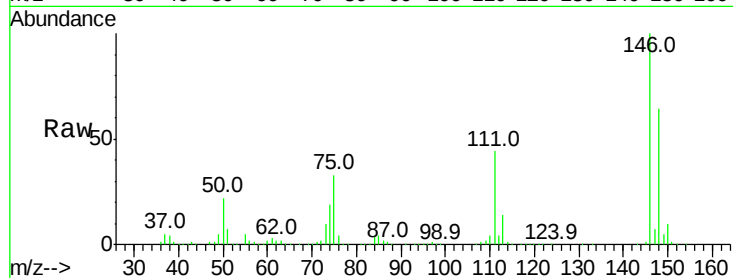
ClientSampleId :

8-SAN-5-EW(0-4)MSD

Tot Ion:	146	Resp:	574099
Ion Ratio	Lower	Upper	
146	100		
148	63.9	50.8	76.2
111	44.1	34.2	51.2

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 30.374 ng

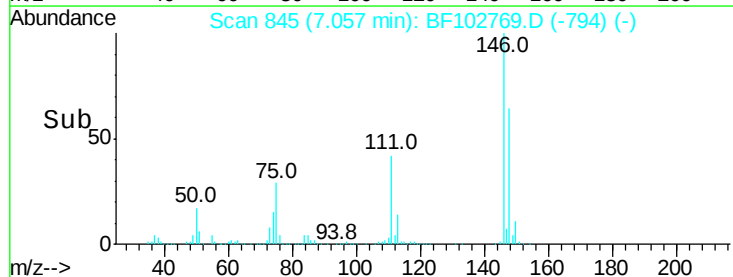
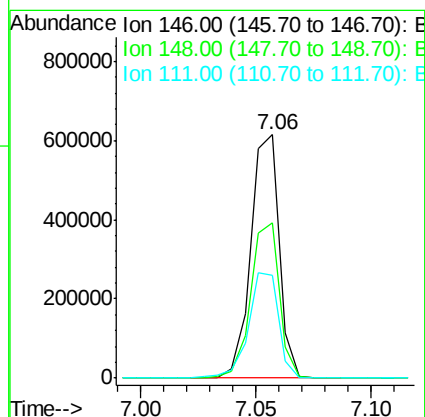
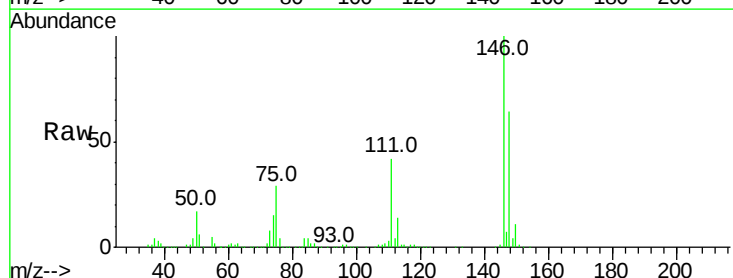
RT: 7.06 min Scan# 845

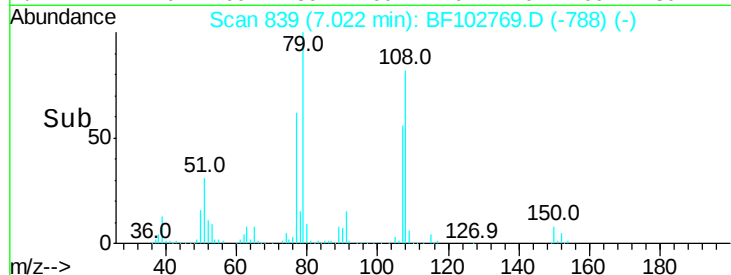
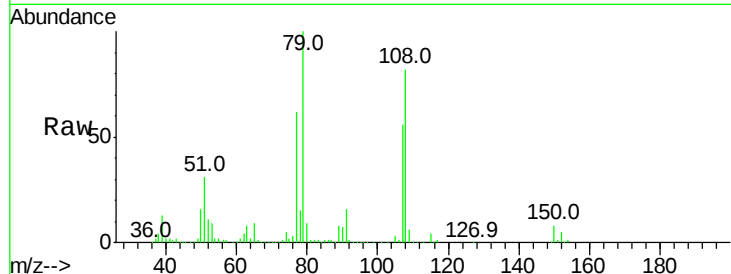
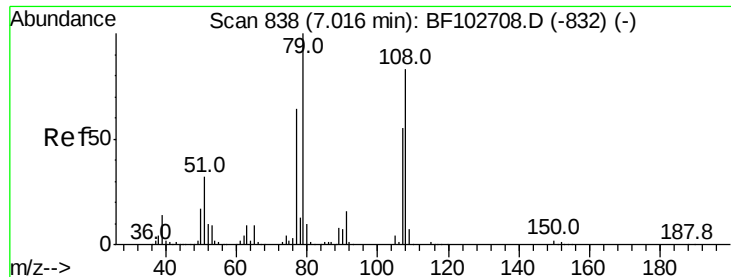
Delta R.T. -0.00 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

Tgt Ion:	146	Resp:	531143
Ion Ratio	Lower	Upper	
146	100		
148	63.9	50.6	75.8
111	42.3	36.0	54.0





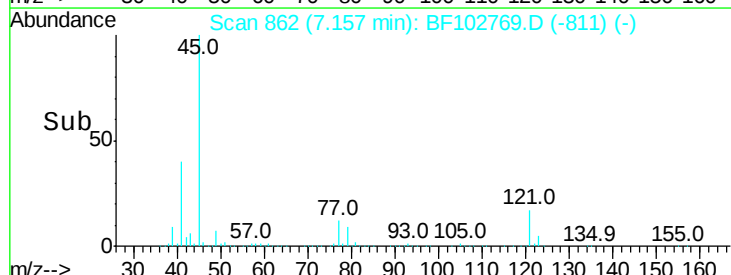
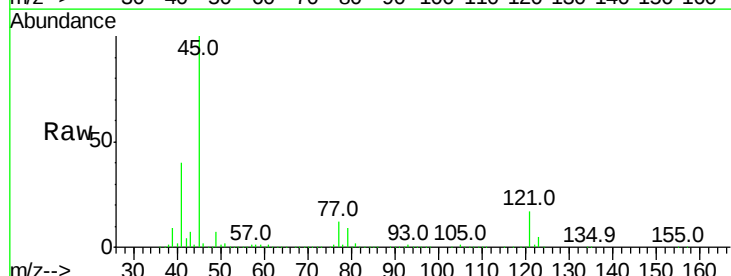
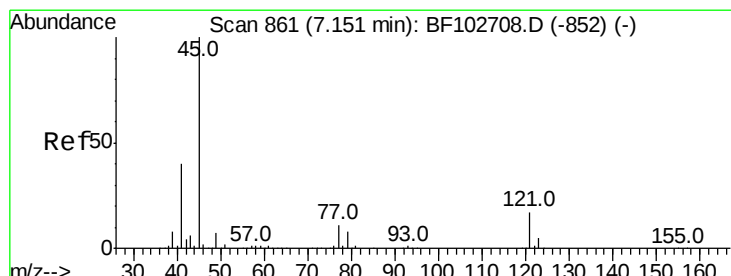
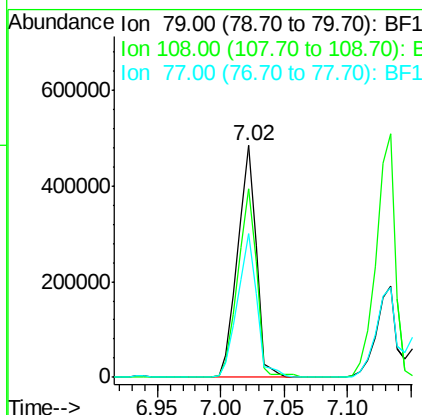
#15
Benzyl Alcohol
Concen: 33.331 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

Tot Ion: 79 Resp: 487788
Ion Ratio Lower Upper
79 100
108 81.6 65.1 97.7
77 62.1 50.6 75.8

Instrument :
BNA_F
ClientSampleId :
8-SAN-5-EW(0-4)MSD

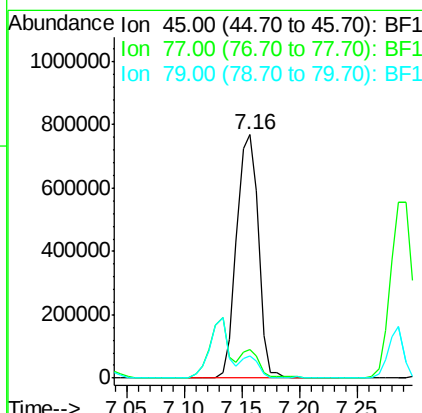
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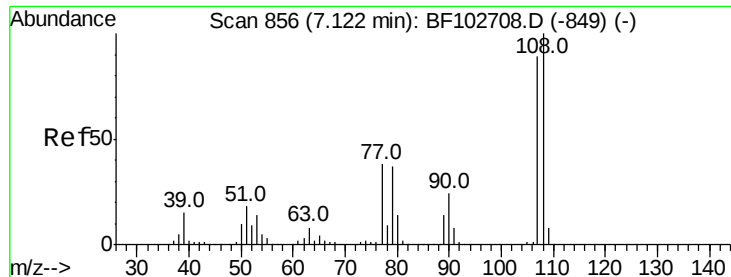
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.070 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.00 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

Tgt Ion: 45 Resp: 1001850
Ion Ratio Lower Upper
45 100
77 11.6 0.0 32.9
79 9.1 0.0 29.6





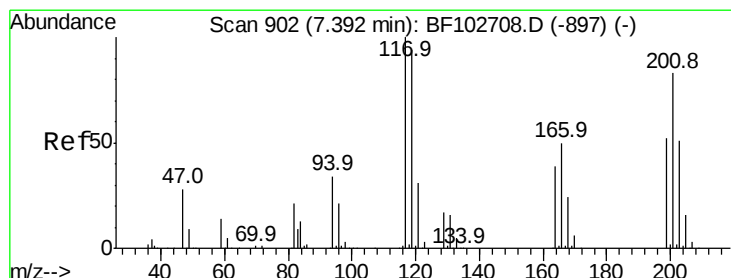
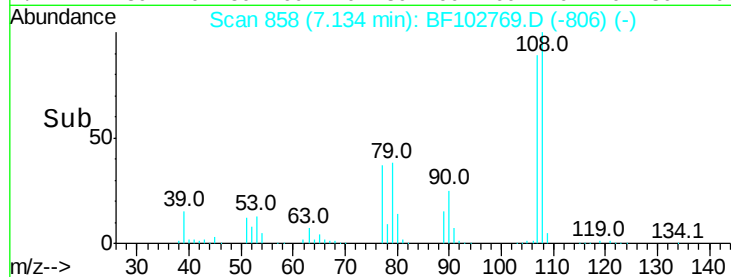
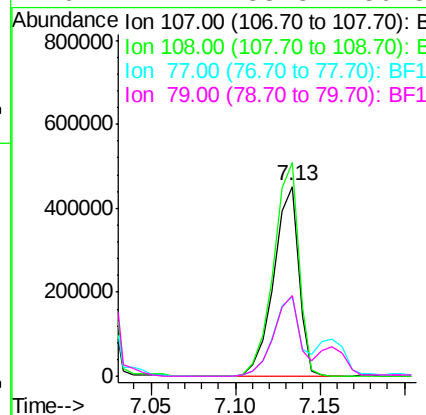
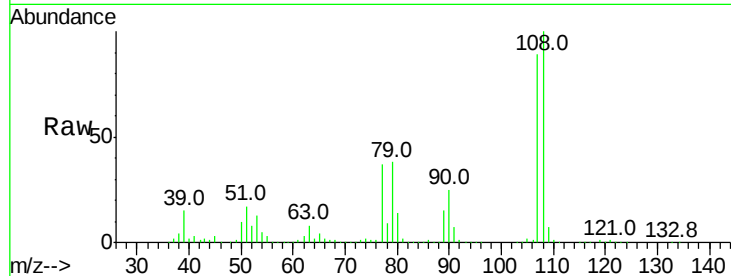
#17
2-Methylphenol
Concen: 31.073 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

Instrument :
BNA_F
ClientSampleId :
8-SAN-5-EW(0-4)MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.4	91.7	137.5	
77	41.8	33.8	50.8	
79	42.2	33.8	50.8	

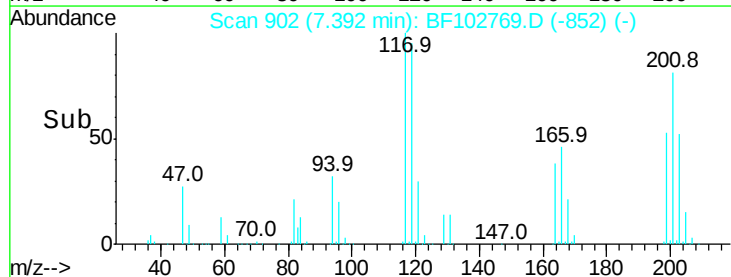
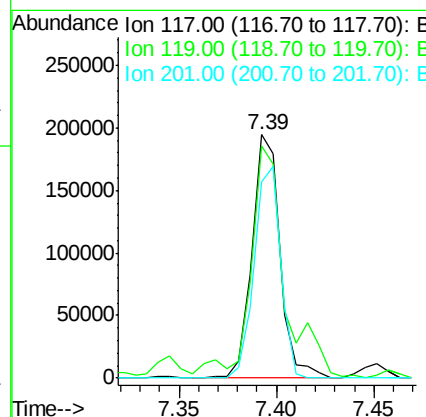
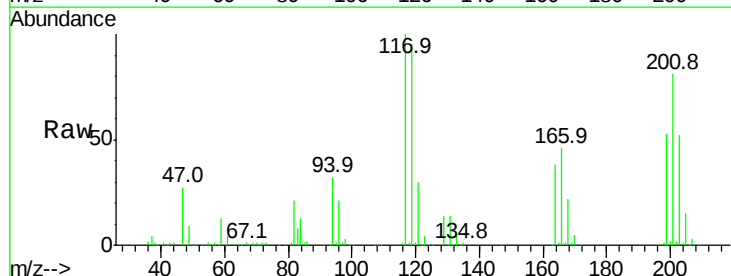
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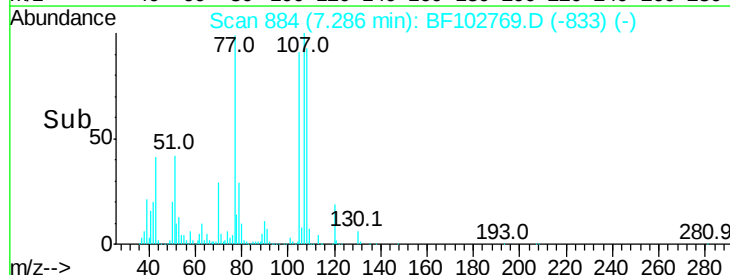
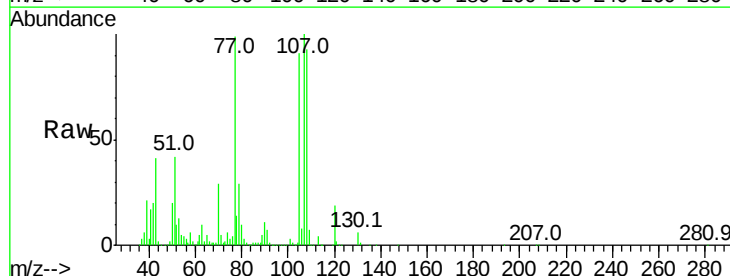
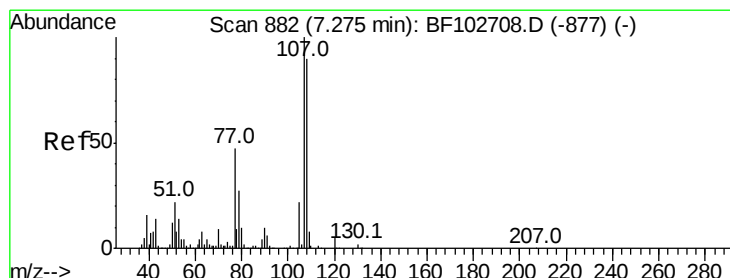
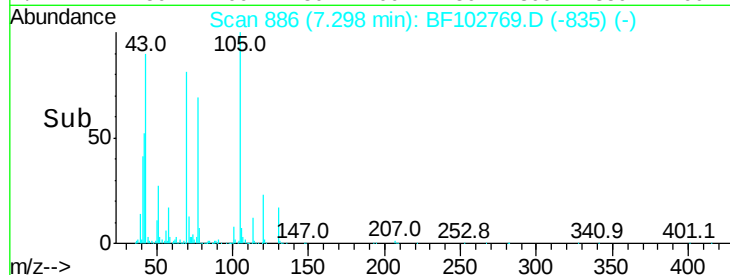
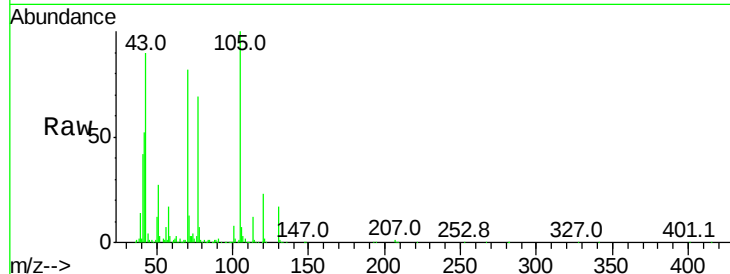
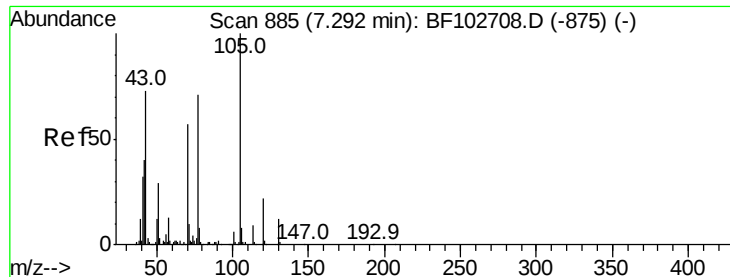
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#18
Hexachloroethane
Concen: 30.059 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.2	75.8	113.8	
201	80.8	75.7	113.5	





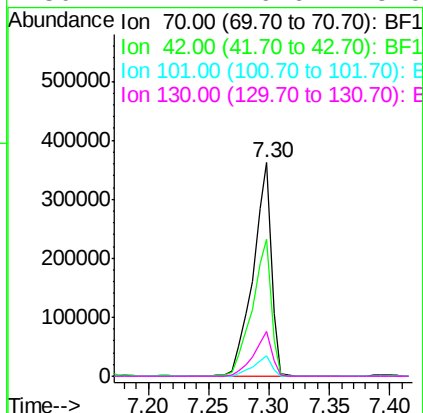
#19
n-Nitroso-di-n-propylamine
Concen: 30.729 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

Instrument :
BNA_F
ClientSampleId :
8-SAN-5-EW(0-4)MSD

Tot Ion	Ratio	Resp Lower	Upper
70	100		
42	64.2	47.5	71.3
101	9.4	7.4	11.2
130	21.1	16.6	25.0

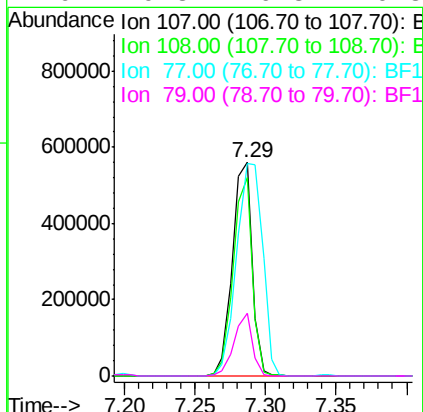
Manual Integrations
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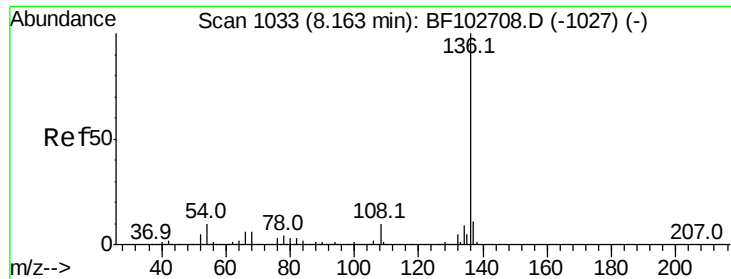
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#20
3+4-Methylphenols
Concen: 29.702 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	93.0	68.2	108.2
77	99.3	26.7	66.7#
79	29.3	6.3	46.3





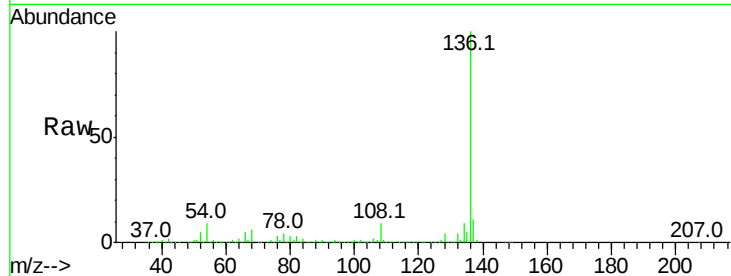
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

Instrument :
BNA_F
ClientSampleId :
8-SAN-5-EW(0-4)MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	997220		
137	11.0		8.9	13.3
54	9.1		6.6	9.8
68	6.3		5.0	7.4

Manual Integrations
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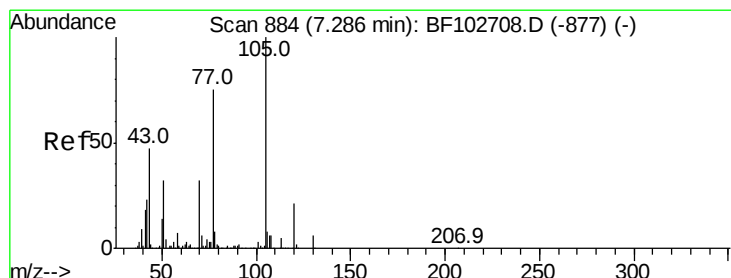
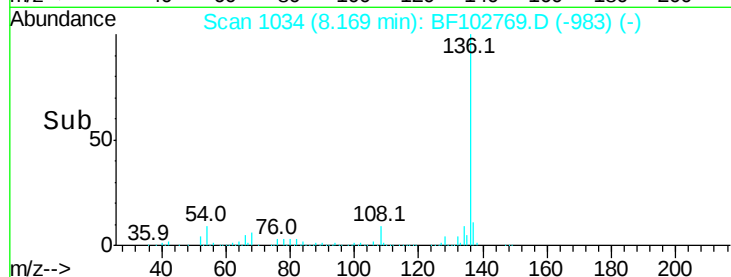
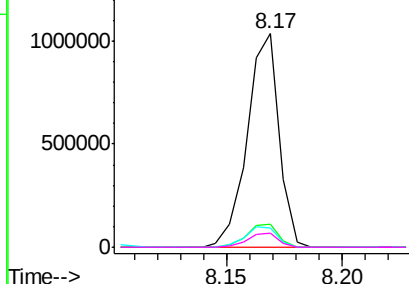
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 30.739 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	750130		
71	7.1		4.4	6.6#
51	33.0		22.3	33.5
120	21.6		16.9	25.3

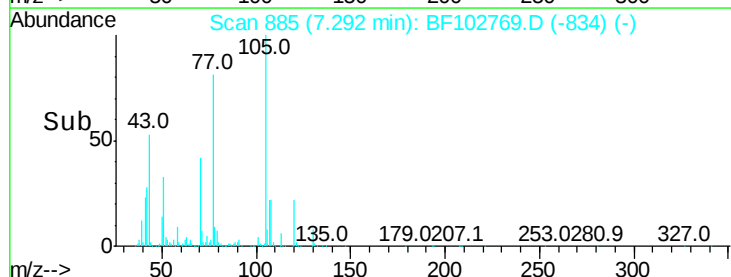
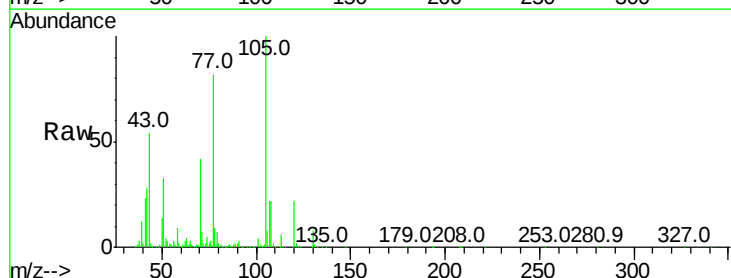
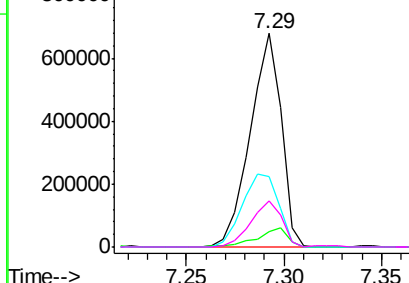
Abundance

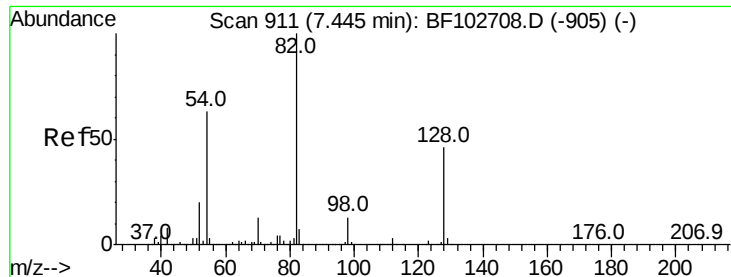
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





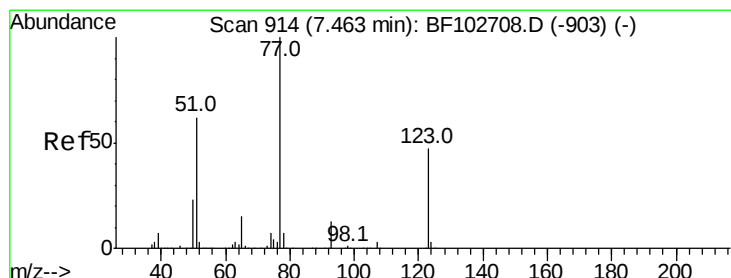
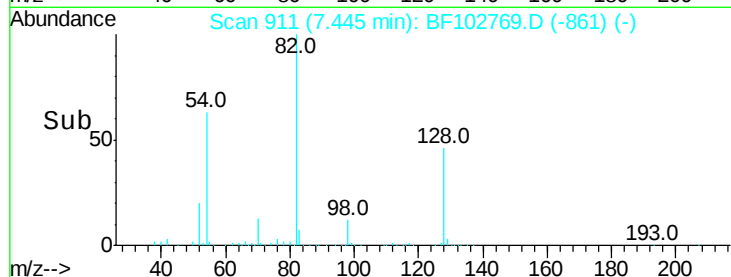
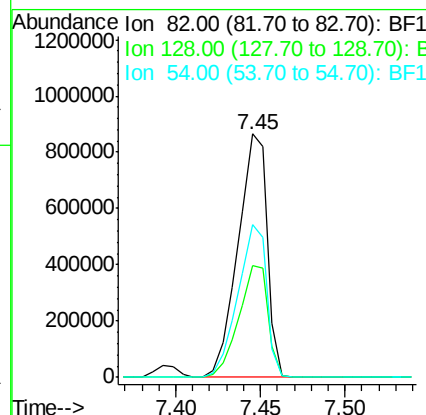
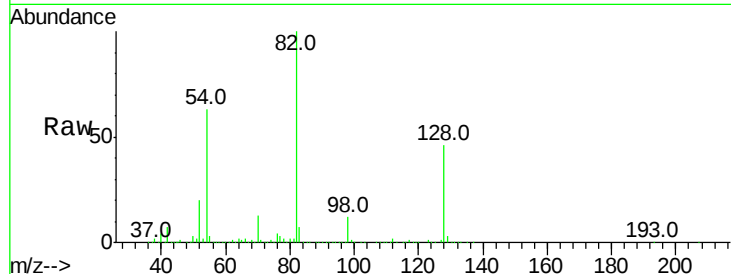
#23
Nitrobenzene-d5
Concen: 72.170 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

Instrument :
BNA_F
ClientSampleId :
8-SAN-5-EW(0-4)MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.1	54.1
54	62.9	41.4	62.2#

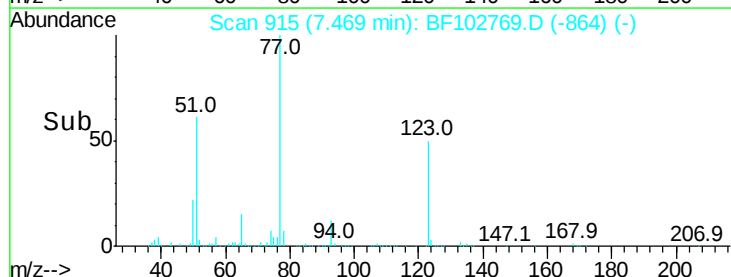
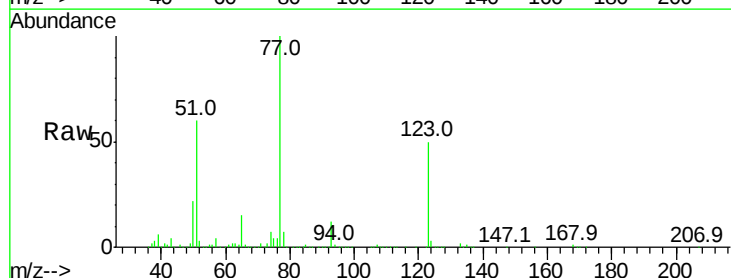
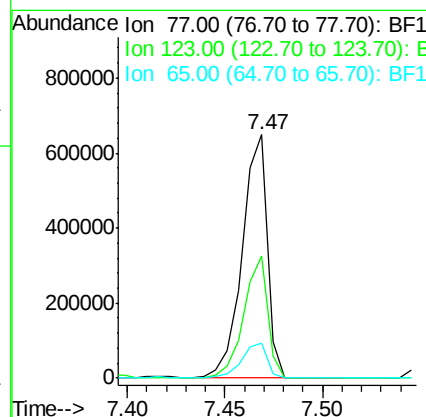
Manual Integrations
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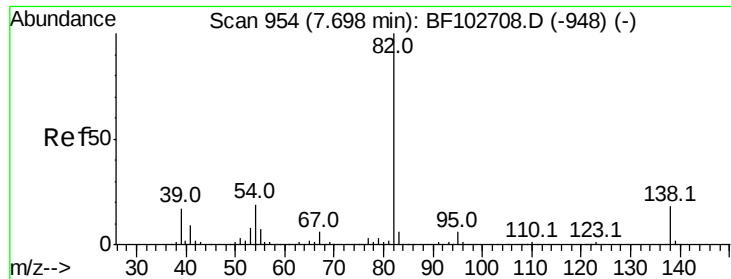
Sohil
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#24
Nitrobenzene
Concen: 34.224 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.0	37.9	56.9
65	14.5	11.0	16.4





#25

Isophorone

Concen: 32.938 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

Instrument :

BNA_F

ClientSampleId :

8-SAN-5-EW(0-4)MSD

Tot Ion: 82 Resp: 1090289

Ion Ratio Lower Upper

82 100

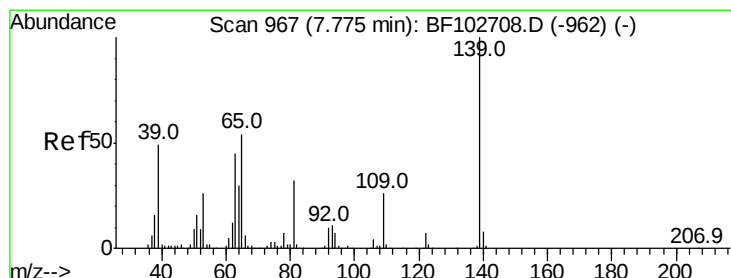
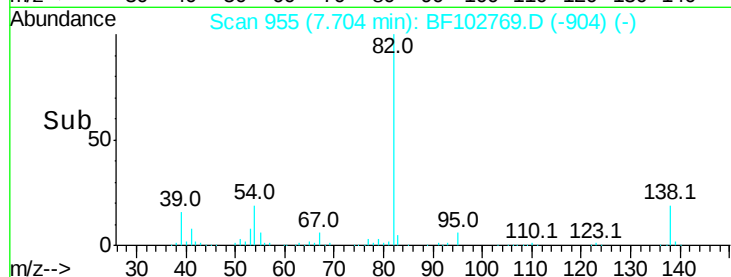
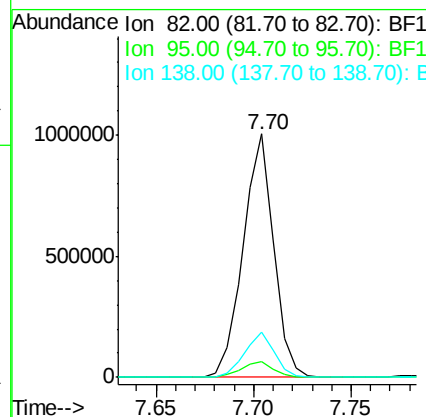
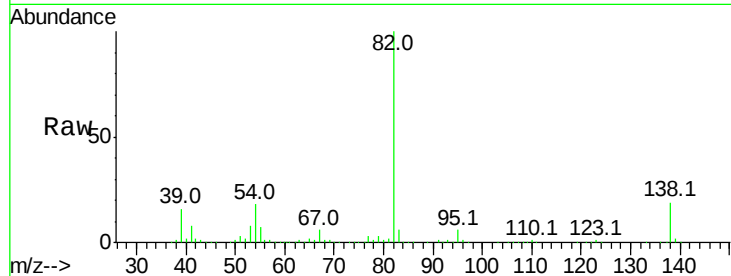
95 6.4 5.2 7.8

138 18.5 14.9 22.3

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#26

2-Nitrophenol

Concen: 39.918 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF102769.D

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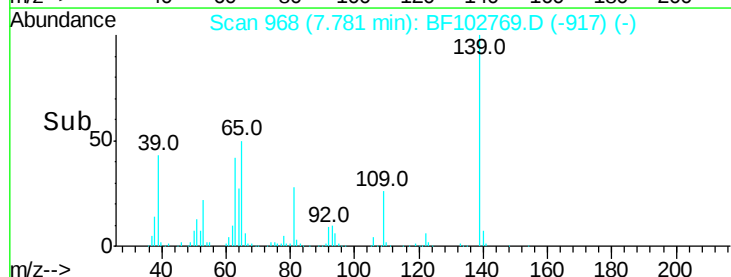
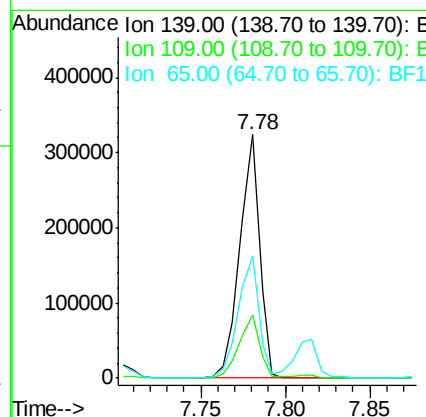
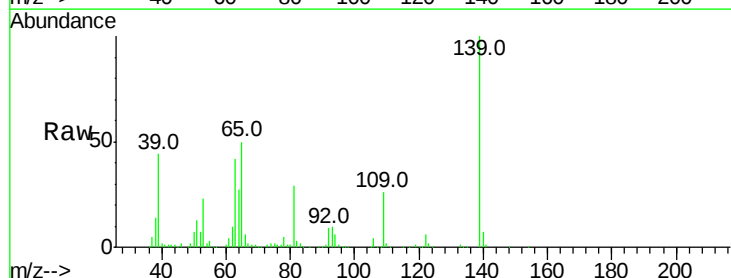
Tgt Ion: 139 Resp: 264936

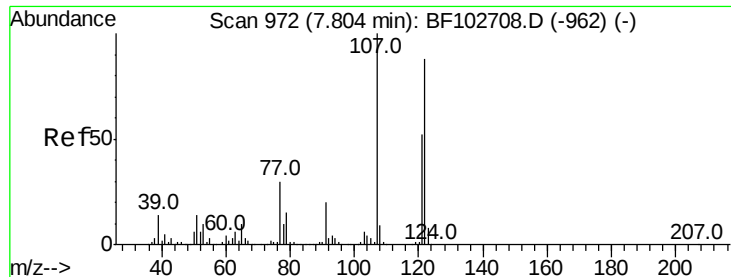
Ion Ratio Lower Upper

139 100

109 26.0 22.7 34.1

65 50.2 40.5 60.7





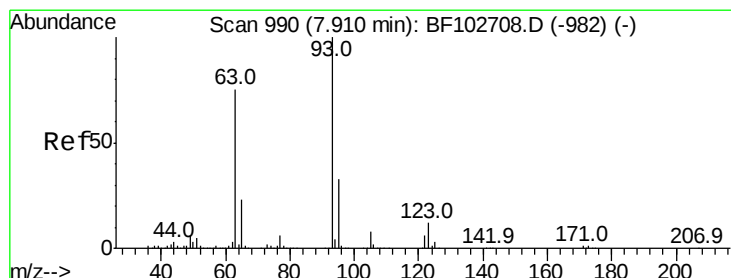
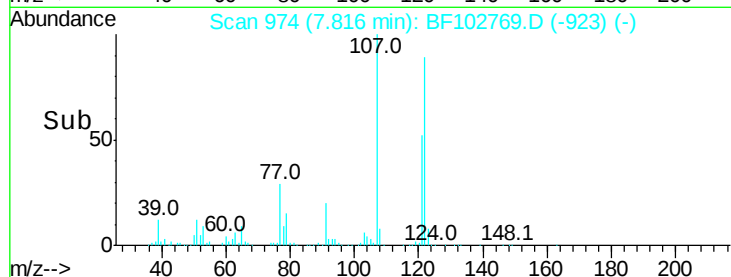
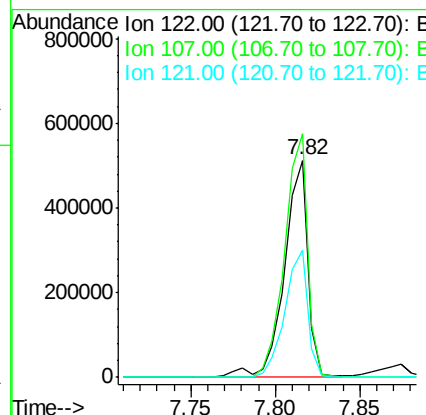
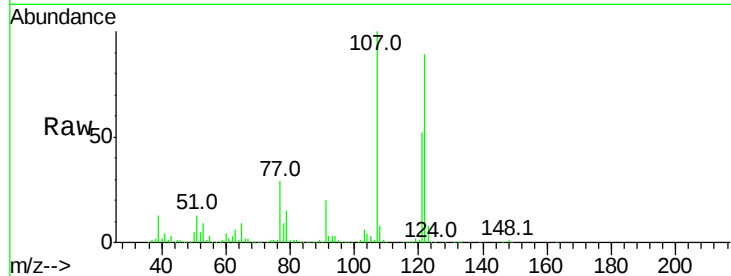
#27
 2,4-Dimethylphenol
 Concen: 35.623 ng
 RT: 7.82 min Scan# 974
 Delta R.T. -0.00 min
 Lab File: BF102769.D
 Acq: 6 Feb 2018 6:11

Instrument :
 BNA_F
 ClientSampleId :
 8-SAN-5-EW(0-4)MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	498180		
107	112.1	91.2	136.8	
121	58.4	47.2	70.8	

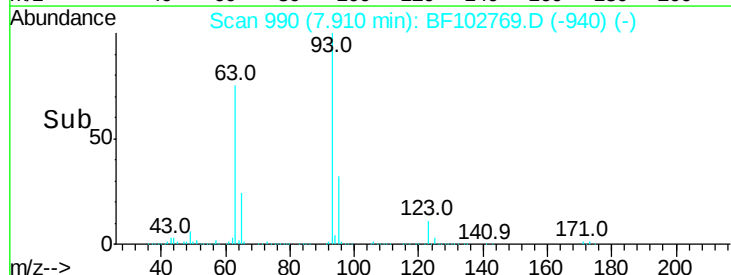
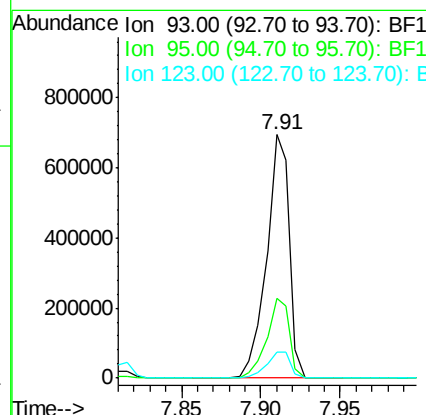
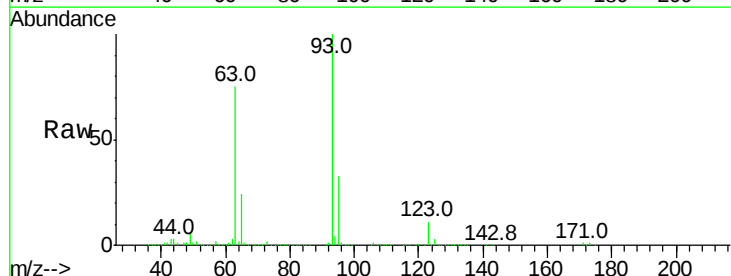
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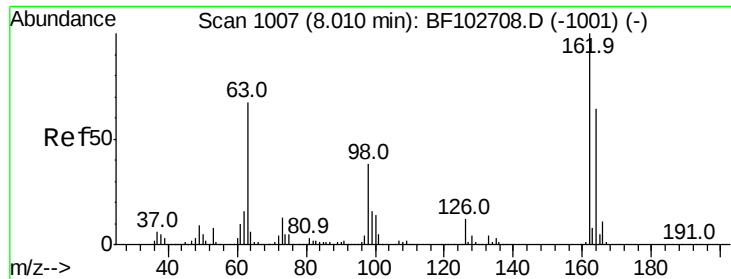
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#28
 bis(2-Chloroethoxy)methane
 Concen: 35.447 ng
 RT: 7.91 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BF102769.D
 Acq: 6 Feb 2018 6:11

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	695069		
95	32.8	26.3	39.5	
123	10.8	9.8	14.6	





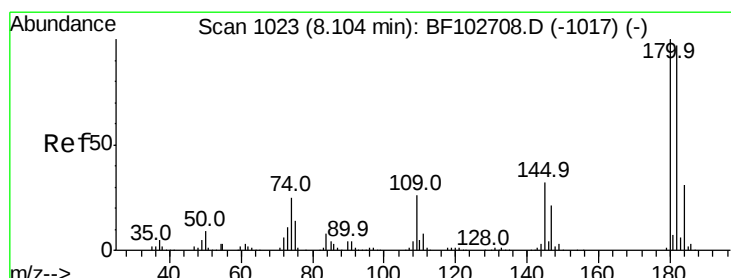
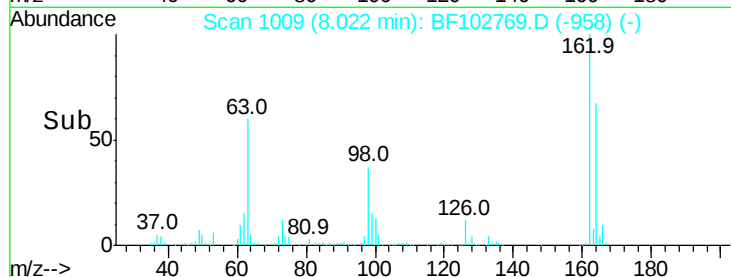
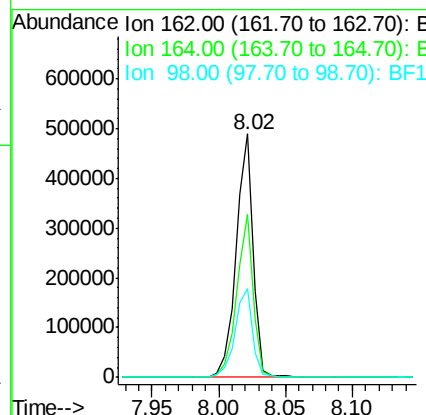
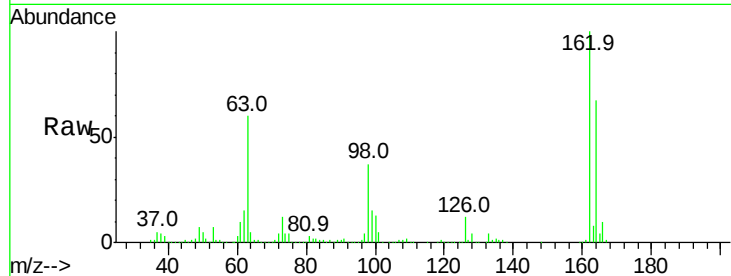
#29
 2,4-Dichlorophenol
 Concen: 34.819 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BF102769.D
 Acq: 6 Feb 2018 6:11

Instrument :
 BNA_F
 ClientSampleId :
 8-SAN-5-EW(0-4)MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	442650		
164	66.8	42.7	82.7	
98	36.7	18.1	58.1	

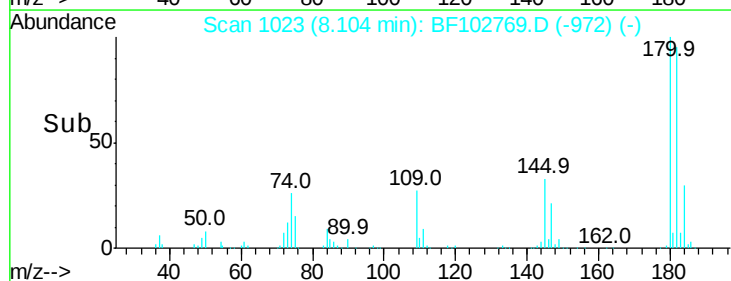
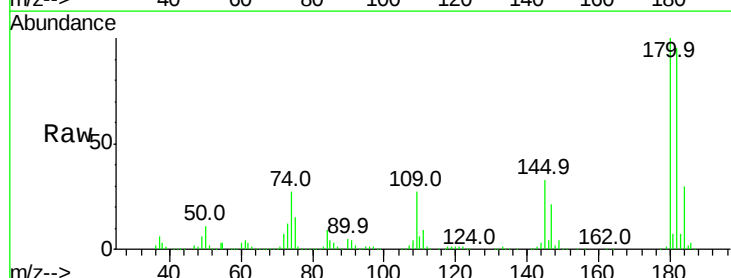
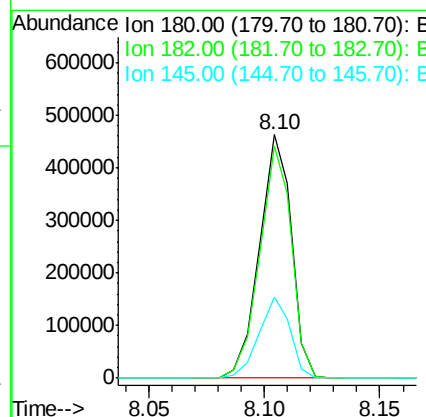
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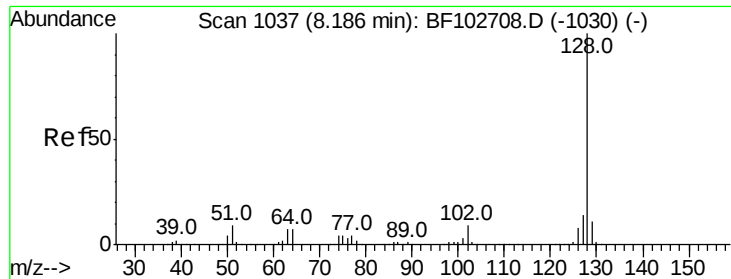
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 31.095 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BF102769.D
 Acq: 6 Feb 2018 6:11

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	447198		
182	95.2	76.8	115.2	
145	33.1	26.5	39.7	





#31

Naphthalene

Concen: 32.113 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

Instrument :

BNA_F

ClientSampleId :

8-SAN-5-EW(0-4)MSD

Tot Ion:128 Resp: 1564611

Ion Ratio Lower Upper

128 100

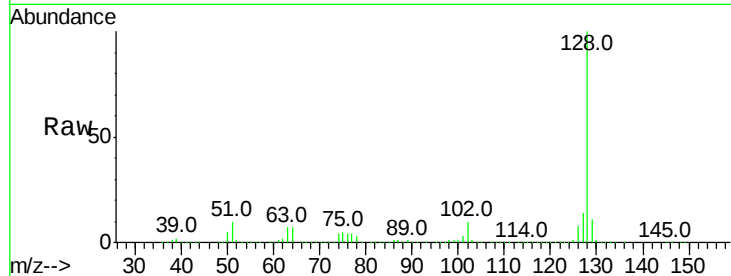
129 11.5 8.8 13.2

127 13.9 10.9 16.3

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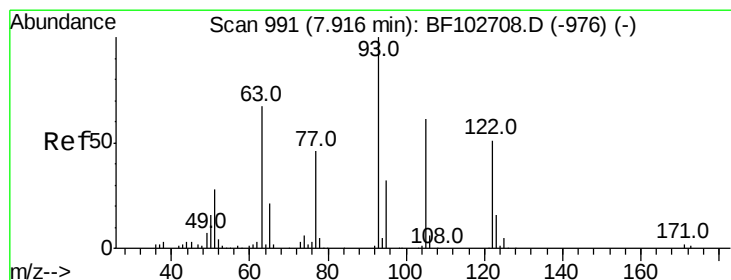
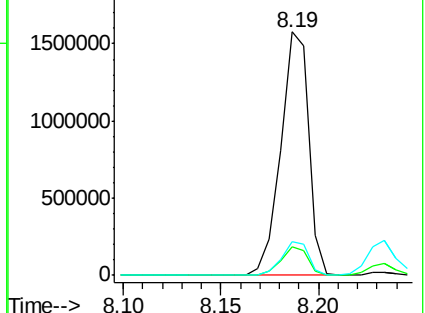
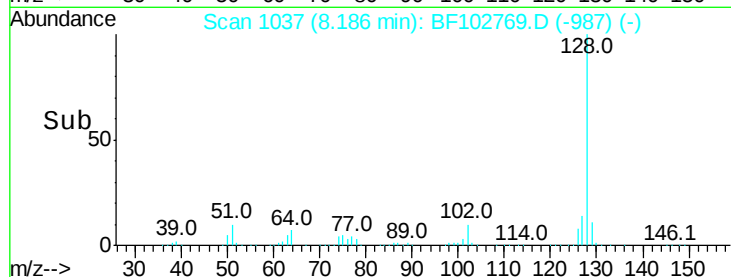
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 12.272 ng m

RT: 7.87 min Scan# 984

Delta R.T. -0.06 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

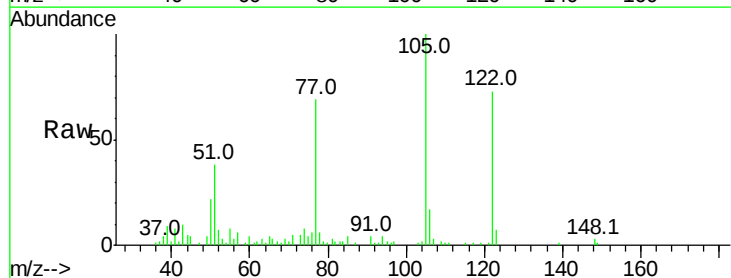
Tgt Ion:122 Resp: 38642

Ion Ratio Lower Upper

122 100

105 136.4 101.1 141.1

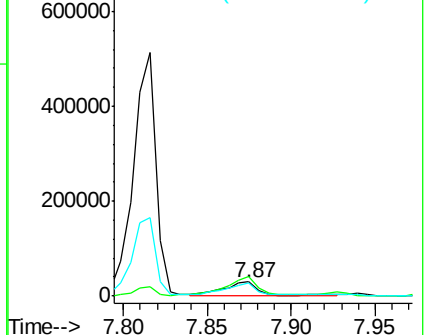
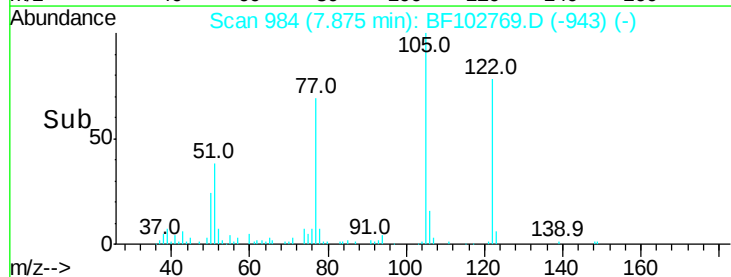
77 94.5 70.7 110.7

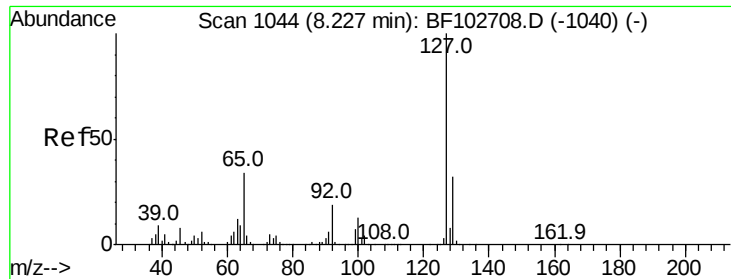


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





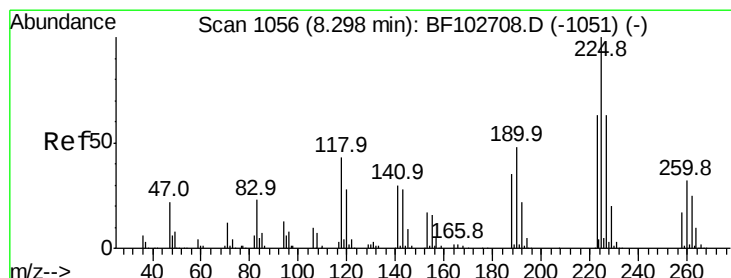
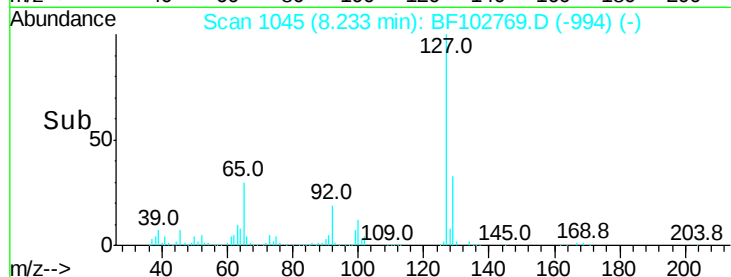
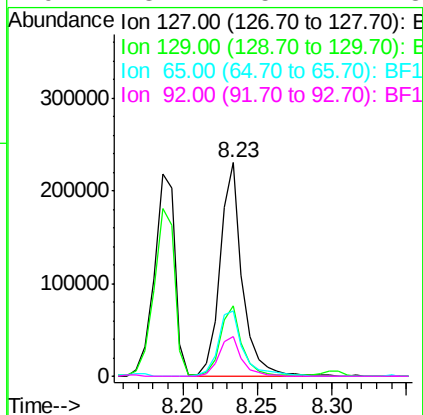
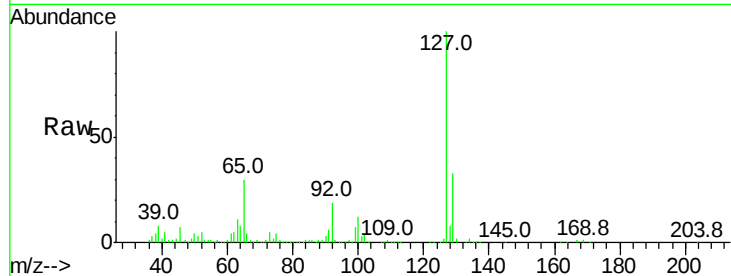
#33
4-Chloroaniline
Concen: 11.325 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

Instrument :
BNA_F
ClientSampleId :
8-SAN-5-EW(0-4)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		237704		
129	32.7	25.9	38.9		
65	30.4	25.0	37.4		
92	18.7	15.2	22.8		

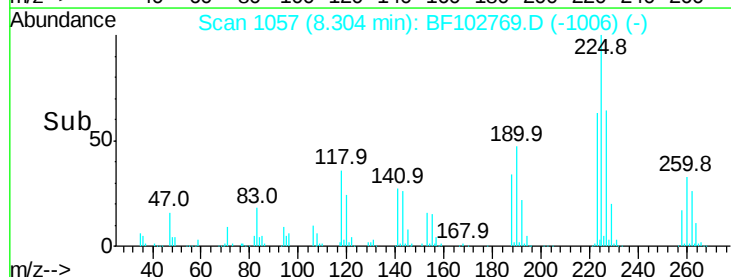
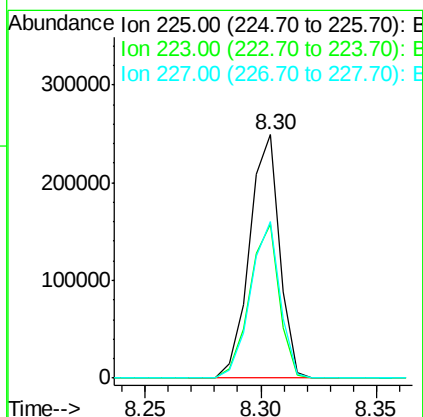
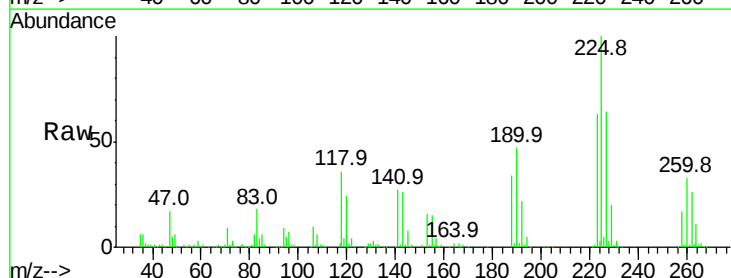
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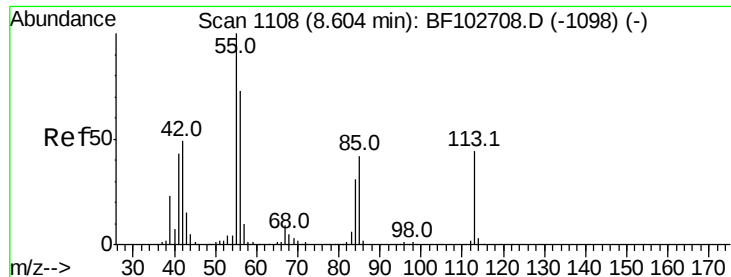
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#34
Hexachlorobutadiene
Concen: 30.779 ng
RT: 8.30 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		226831		
223	63.3	50.6	76.0		
227	64.5	51.9	77.9		





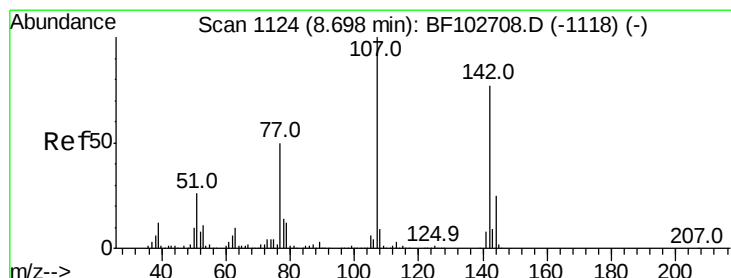
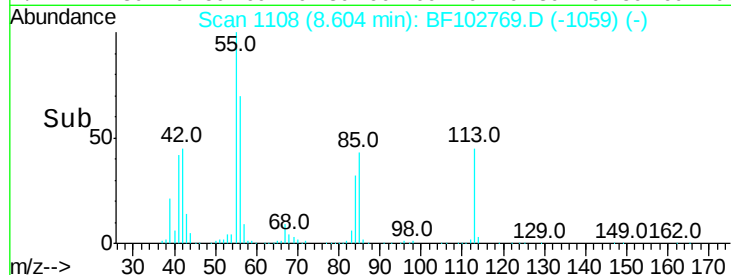
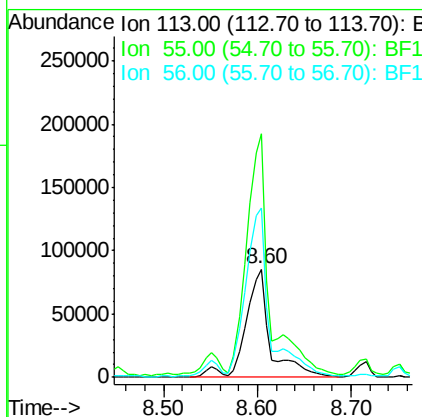
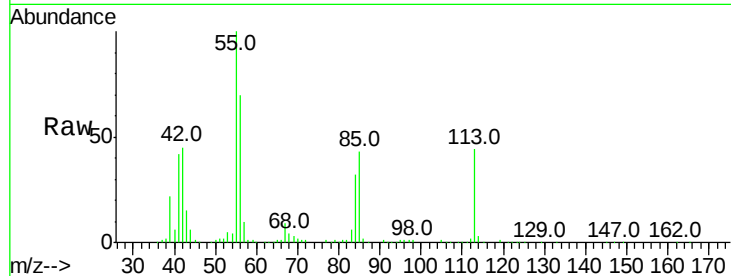
#35
 Caprolactam
 Concen: 35.695 ng/ml
 RT: 8.60 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BF102769.D
 Acq: 6 Feb 2018 6:11

Instrument :
 BNA_F
 ClientSampleID :
 8-SAN-5-EW(0-4)MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	225.2	163.3	203.3#
56	156.6	115.7	155.7#

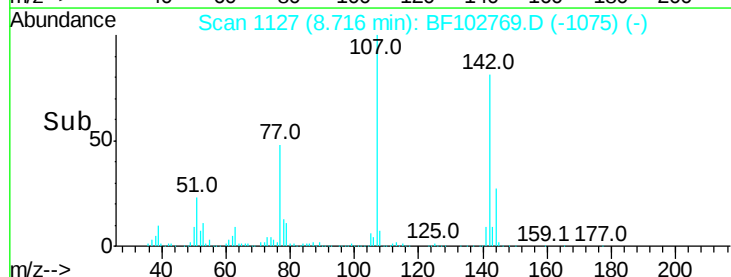
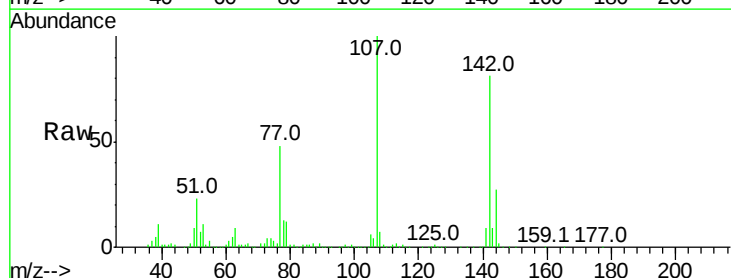
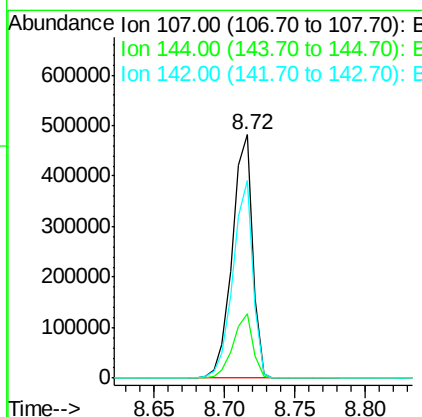
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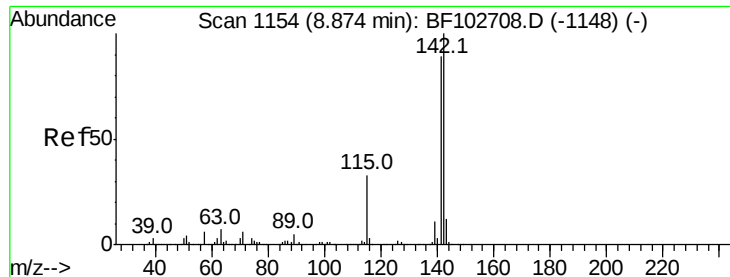
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#36
 4-Chloro-3-methylphenol
 Concen: 33.955 ng/ml
 RT: 8.72 min Scan# 1127
 Delta R.T. 0.01 min
 Lab File: BF102769.D
 Acq: 6 Feb 2018 6:11

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.6	20.5	30.7
142	81.2	62.0	93.0





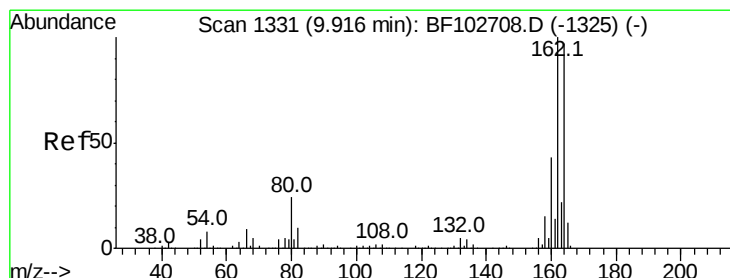
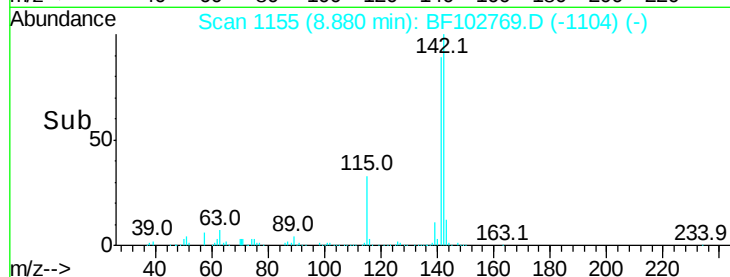
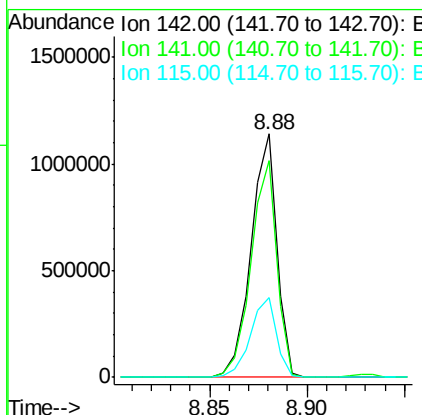
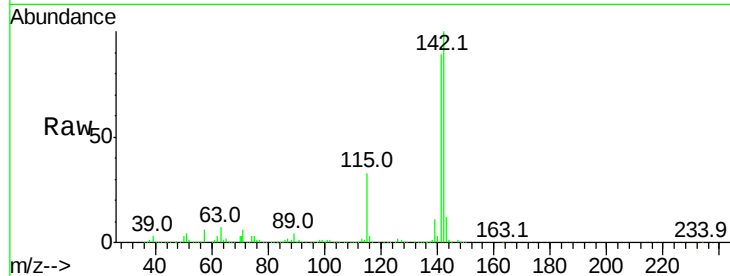
#37
2-Methylnaphthalene
Concen: 32.800 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

Instrument :
BNA_F
ClientSampleId :
8-SAN-5-EW(0-4)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.8	106.2
115	32.7	26.1	39.1

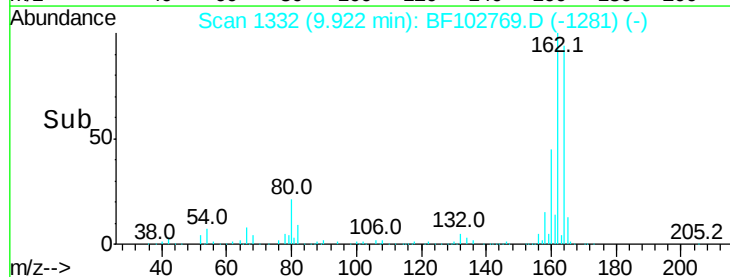
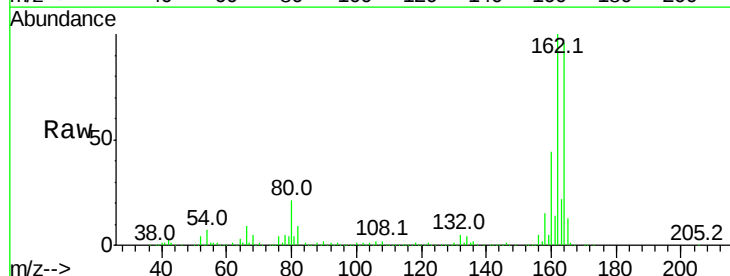
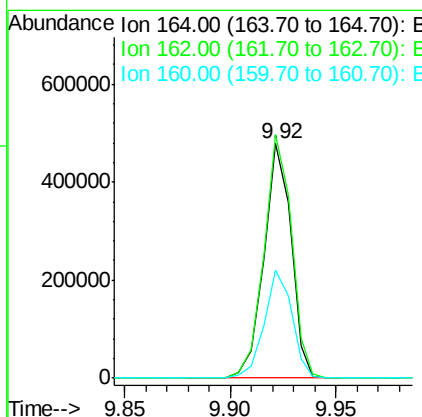
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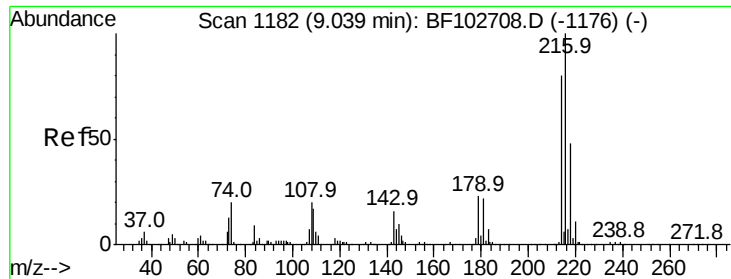
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	86.1	129.1
160	46.2	38.3	57.5





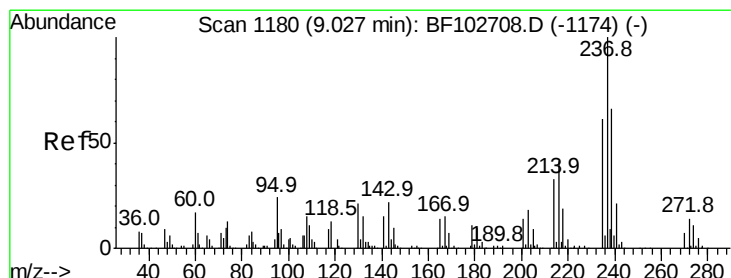
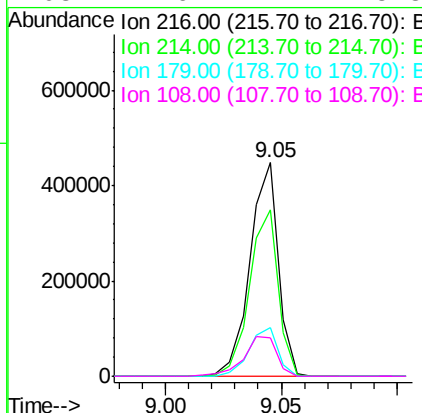
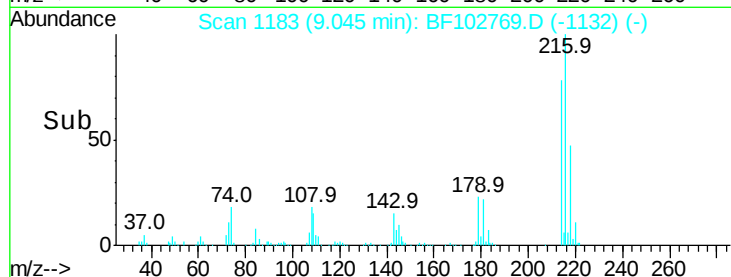
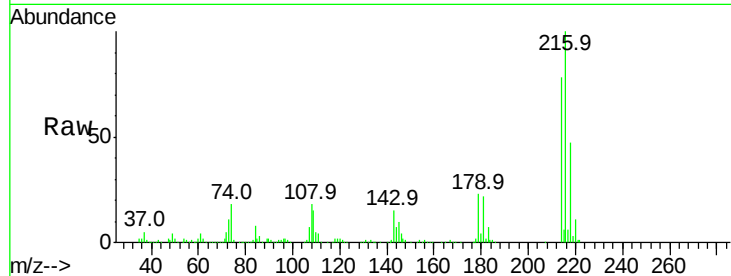
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.847 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF102769.D
 Acq: 6 Feb 2018 6:11

Instrument :
 BNA_F
 ClientSampleId :
 8-SAN-5-EW(0-4)MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	385443		
214	79.0	63.0	94.4	
179	23.3	18.1	27.1	
108	21.6	17.2	25.8	

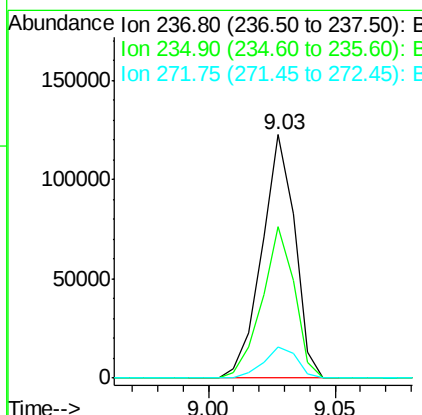
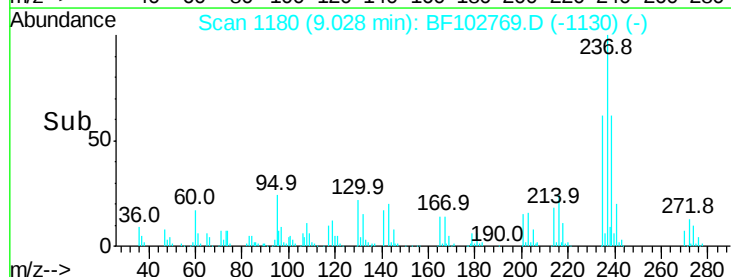
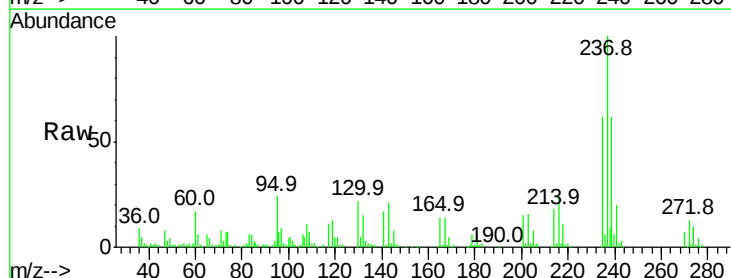
Manual Integrations
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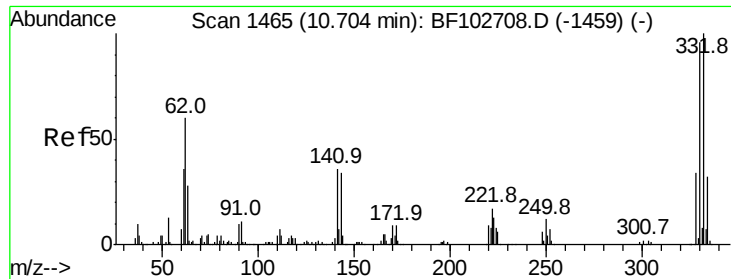
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 20.092 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF102769.D
 Acq: 6 Feb 2018 6:11

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	112079		
235	62.5	44.8	84.8	
272	12.5	0.0	33.3	





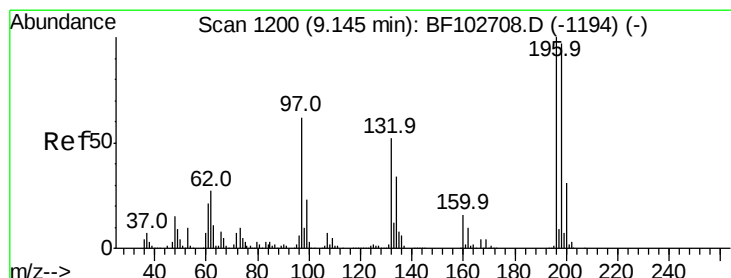
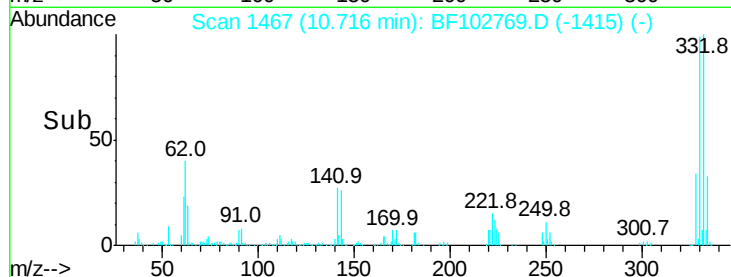
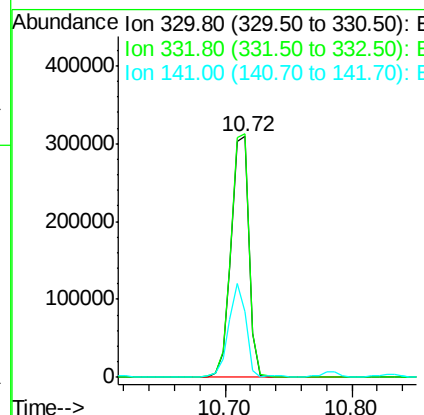
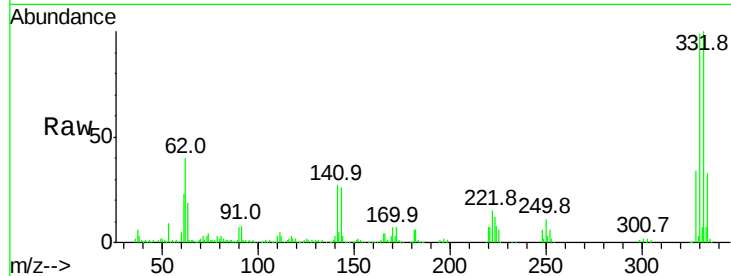
#41
 2,4,6-Tribromophenol
 Concen: 86.702 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF102769.D
 Acq: 6 Feb 2018 6:11

Instrument :
 BNA_F
 ClientSampleId :
 8-SAN-5-EW(0-4)MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	101.8	77.0	115.6	
141	37.2	29.9	44.9	

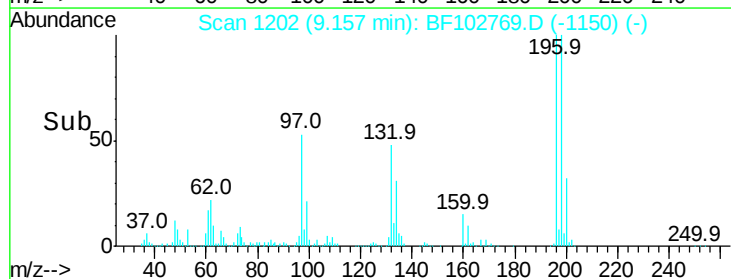
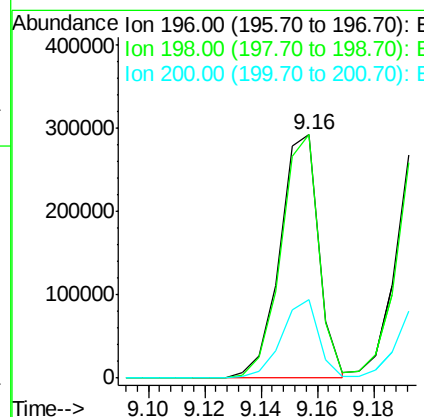
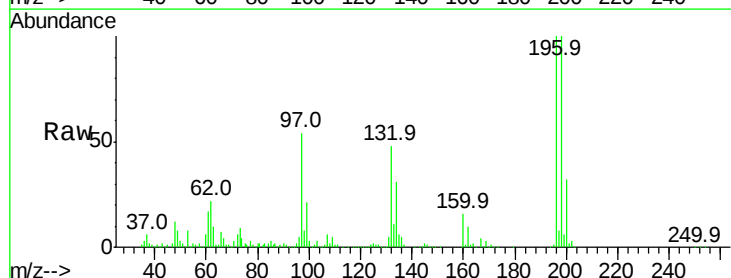
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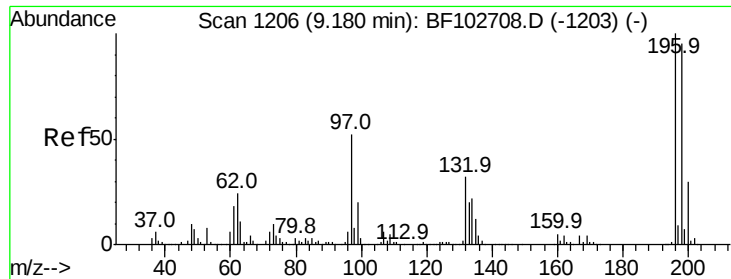
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#42
 2,4,6-Trichlorophenol
 Concen: 36.206 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF102769.D
 Acq: 6 Feb 2018 6:11

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	100.0	75.7	113.5	
200	32.1	24.5	36.7	





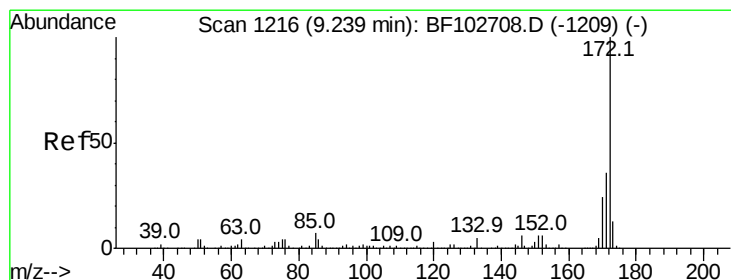
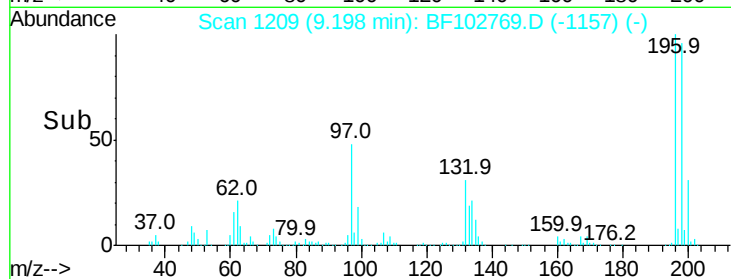
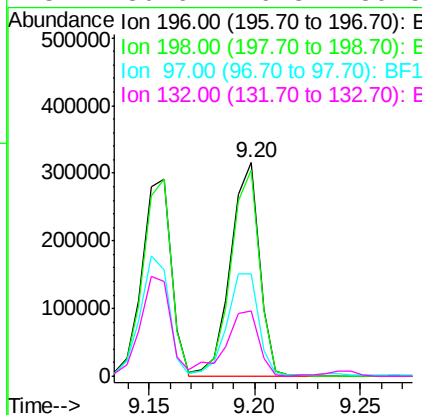
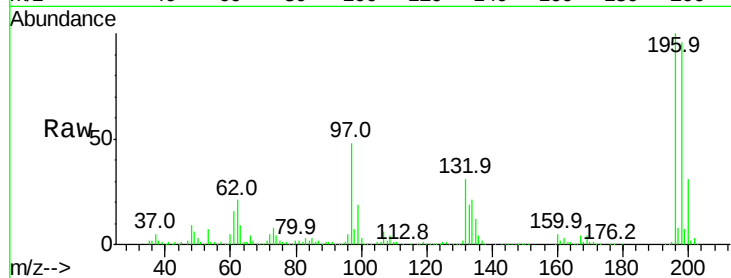
#43
 2,4,5-Trichlorophenol
 Concen: 34.215 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF102769.D
 Acq: 6 Feb 2018 6:11

Instrument :
 BNA_F
 ClientSampleId :
 8-SAN-5-EW(0-4)MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	297223		
198	96.4	74.6	112.0	
97	48.0	42.9	64.3	
132	30.6	26.3	39.5	

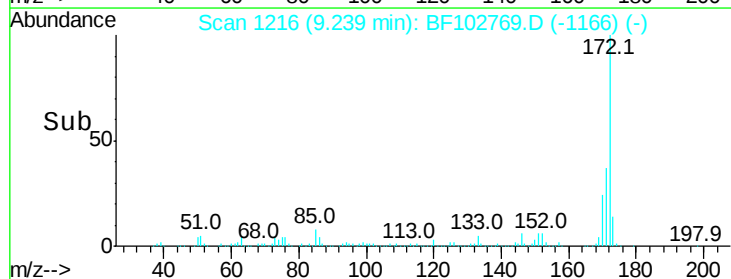
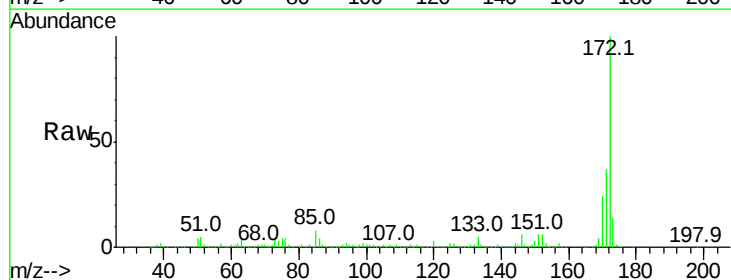
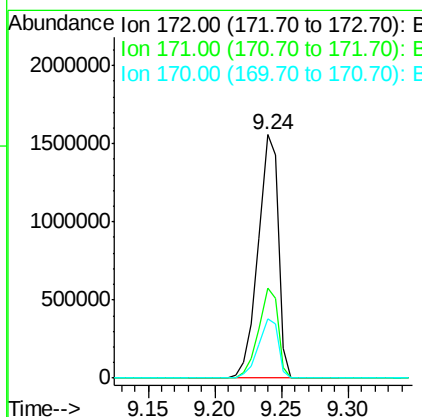
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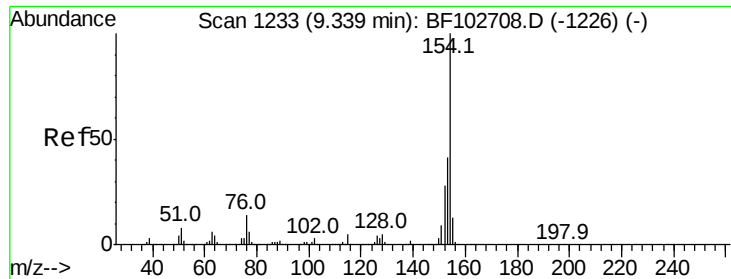
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#44
 2-Fluorobiphenyl
 Concen: 61.928 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF102769.D
 Acq: 6 Feb 2018 6:11

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1608372		
171	36.7	29.7	44.5	
170	24.4	19.6	29.4	





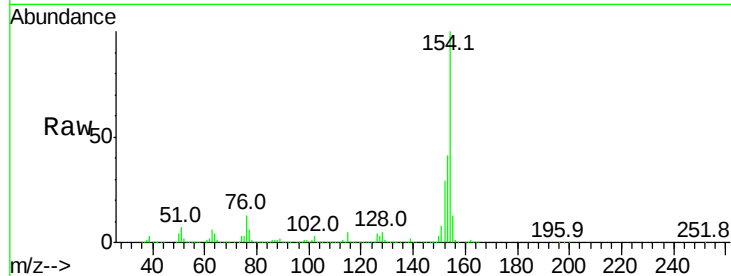
#45
 1,1'-Biphenyl
 Concen: 31.399 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. -0.00 min
 Lab File: BF102769.D
 Acq: 6 Feb 2018 6:11

Instrument :
 BNA_F
 ClientSampleId :
 8-SAN-5-EW(0-4)MSD

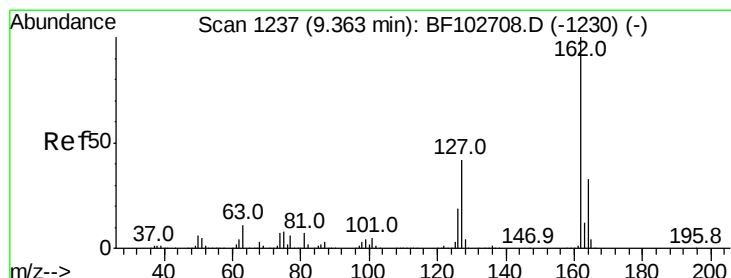
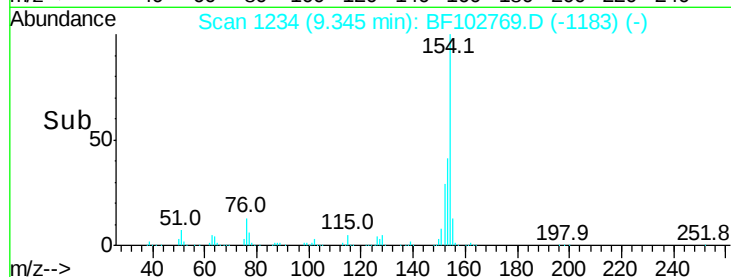
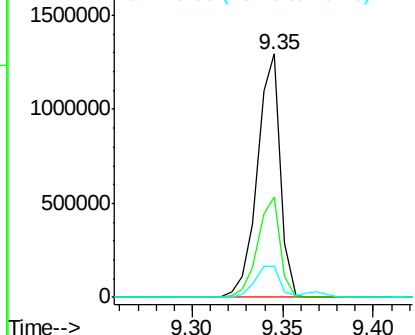
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.3	61.3
76	12.9	0.0	34.0

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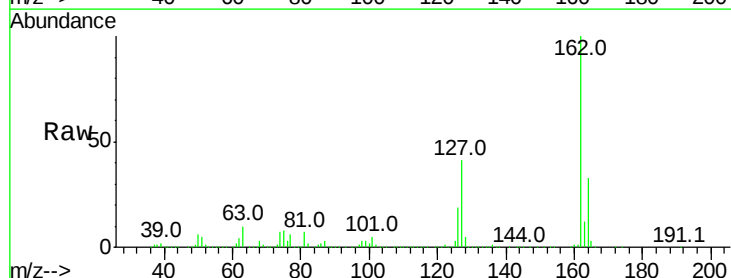


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

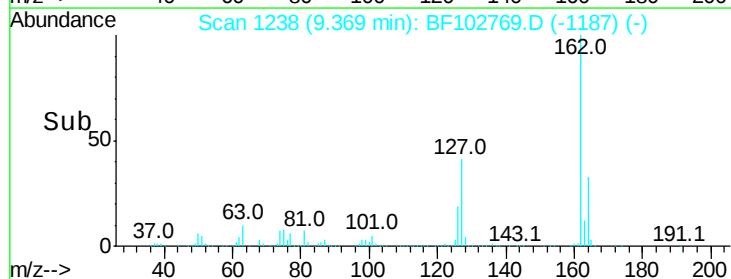
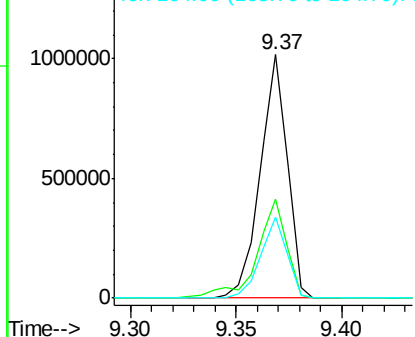


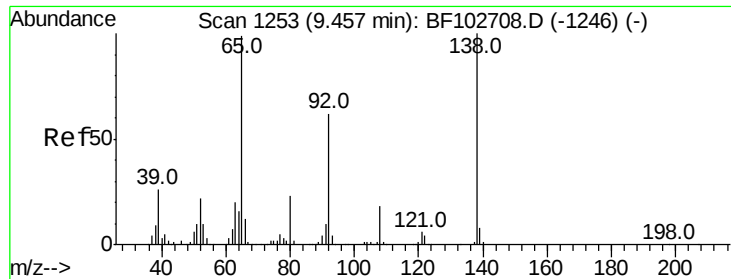
#46
 2-Chloronaphthalene
 Concen: 31.760 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BF102769.D
 Acq: 6 Feb 2018 6:11

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.7	33.9	50.9
164	33.0	26.5	39.7



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





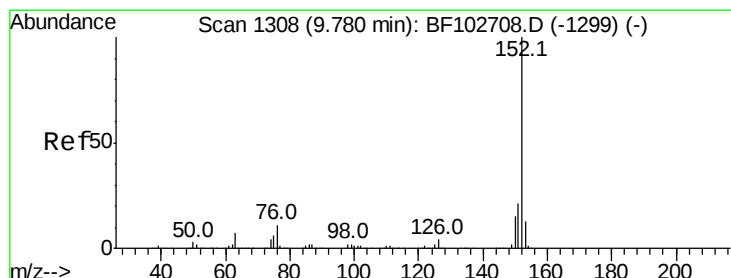
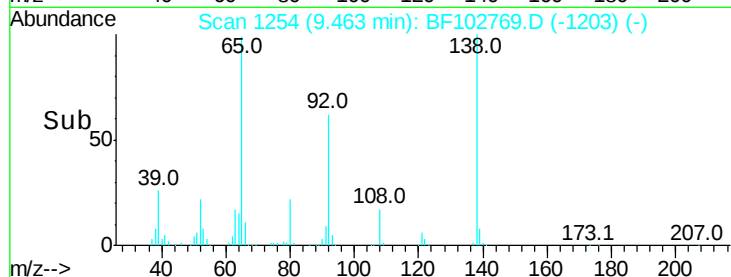
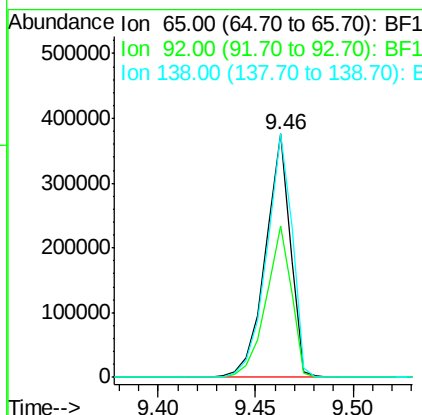
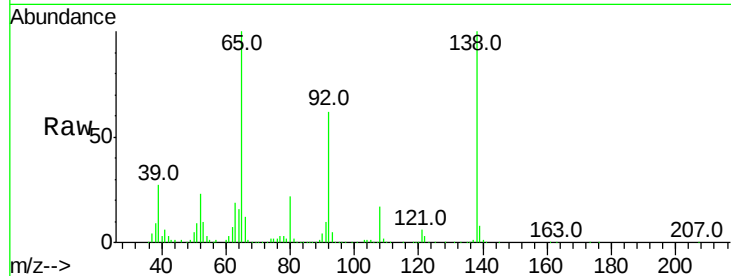
#47
2-Nitroaniline
Concen: 38.453 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

Instrument :
BNA_F
ClientSampleId :
8-SAN-5-EW(0-4)MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.2	55.8	83.6
138	100.2	91.2	136.8

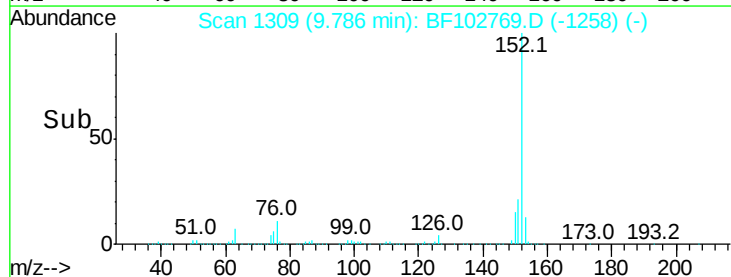
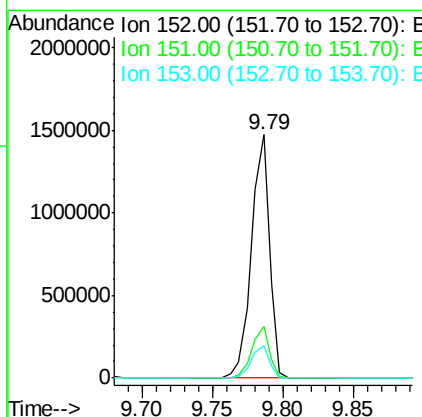
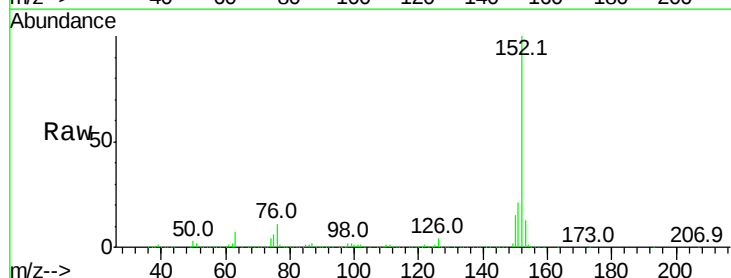
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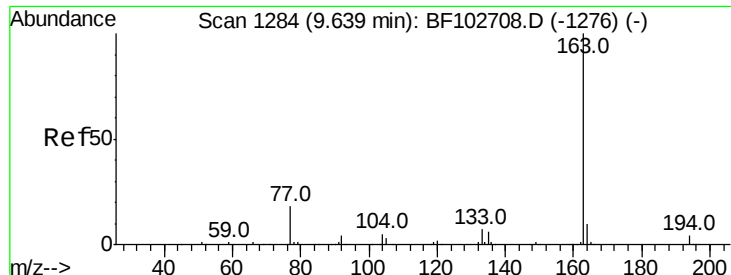
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#48
Acenaphthylene
Concen: 29.981 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.3	24.5
153	13.3	10.7	16.1





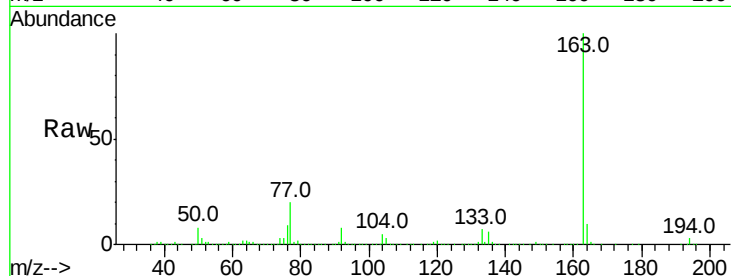
#49
Dimethylphthalate
Concen: 38.827 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

Instrument :
BNA_F
ClientSampleId :
8-SAN-5-EW(0-4)MSD

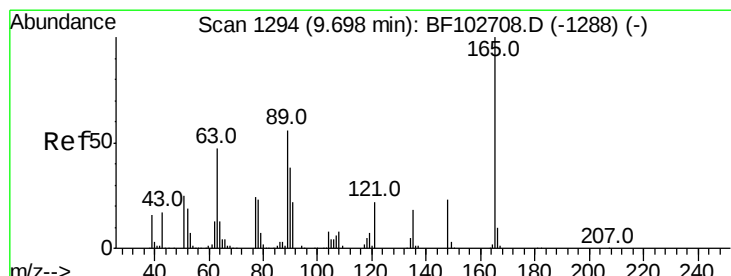
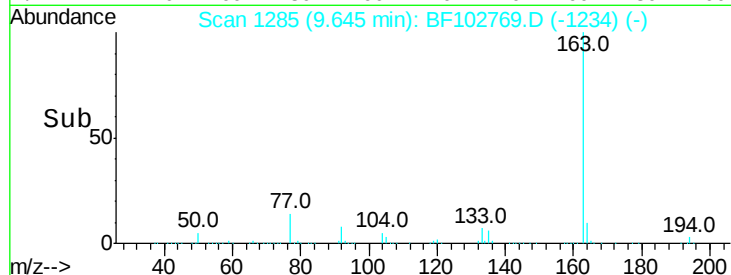
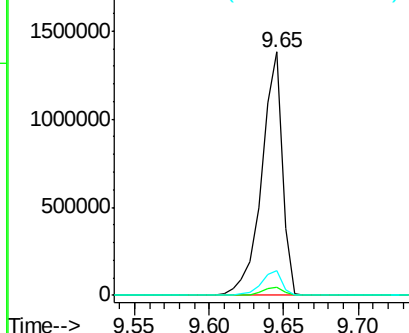
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	9.9	8.2	12.2

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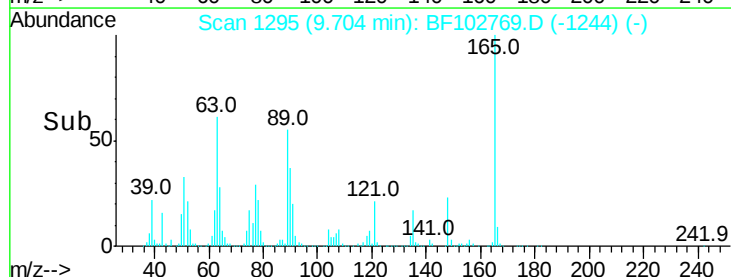
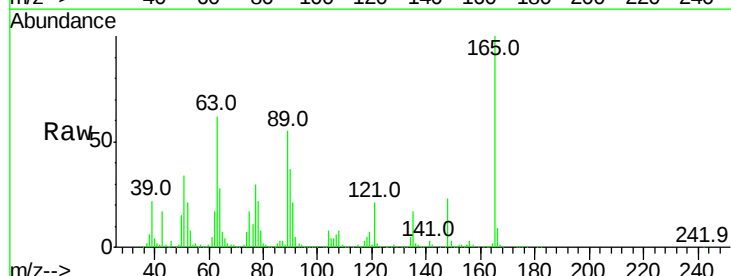
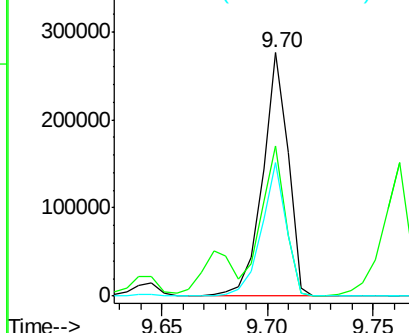
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

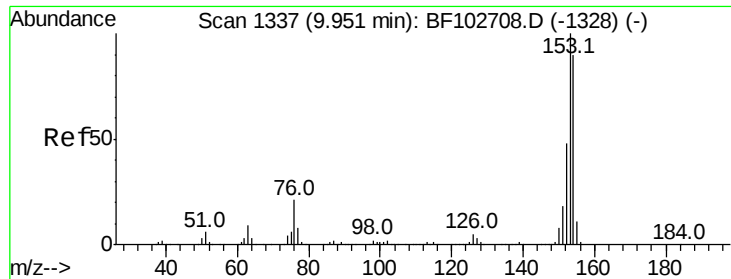


#50
2,6-Dinitrotoluene
Concen: 36.195 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

Tgt Ion	Ratio	Lower	Upper
165	100		
63	61.6	44.7	67.1
89	55.0	44.0	66.0

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





#51

Acenaphthene

Concen: 30.446 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

Instrument :

BNA_F

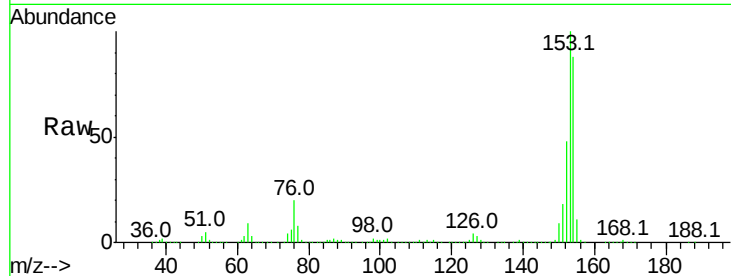
ClientSampleId :

8-SAN-5-EW(0-4)MSD

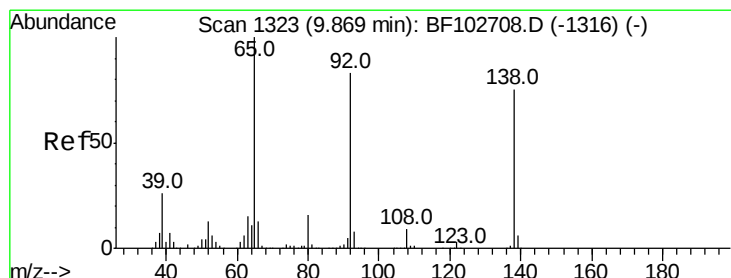
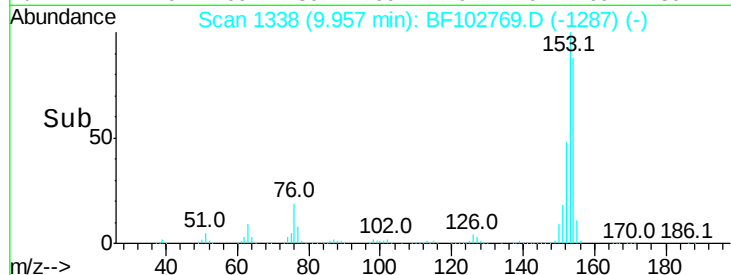
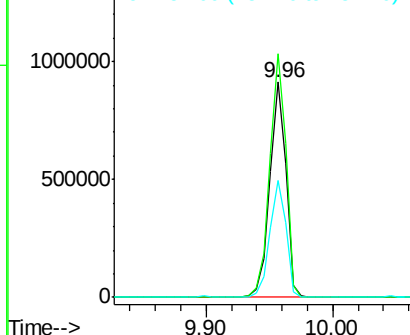
Tot Ion:	154	Resp:	808143
Ion Ratio	Lower	Upper	
154	100		
153	113.1	91.2	136.8
152	54.6	43.8	65.8

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



#52

3-Nitroaniline

Concen: 28.298 ng

RT: 9.87 min Scan# 1324

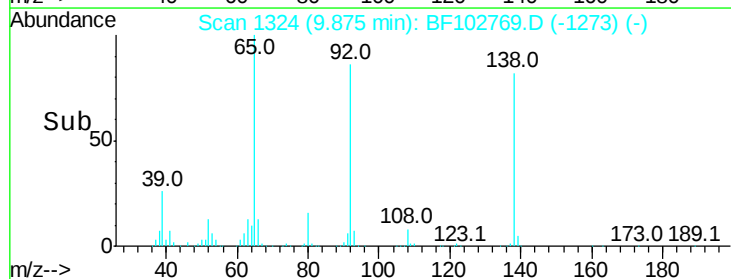
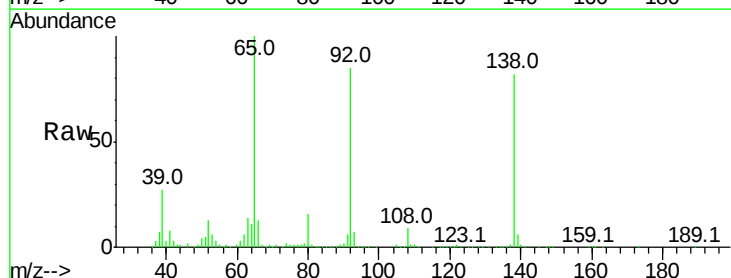
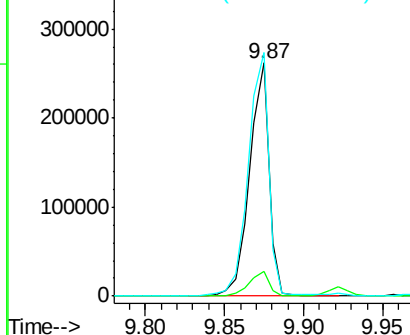
Delta R.T. -0.00 min

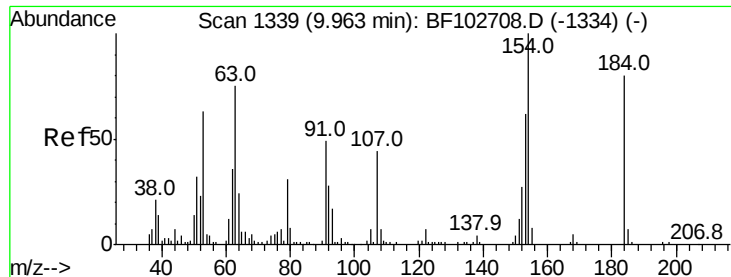
Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

Tgt Ion:	138	Resp:	222596
Ion Ratio	Lower	Upper	
138	100		
108	10.4	9.4	14.0
92	104.5	89.4	134.2

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





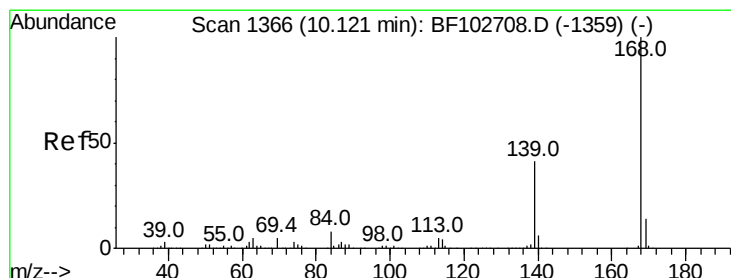
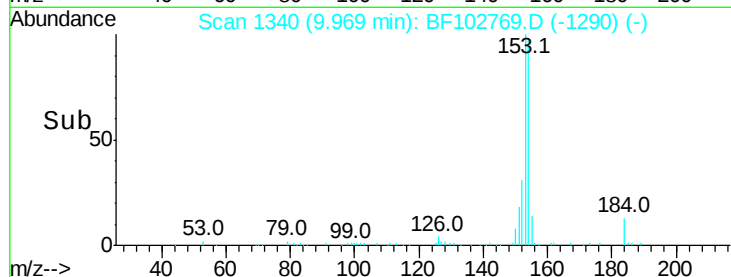
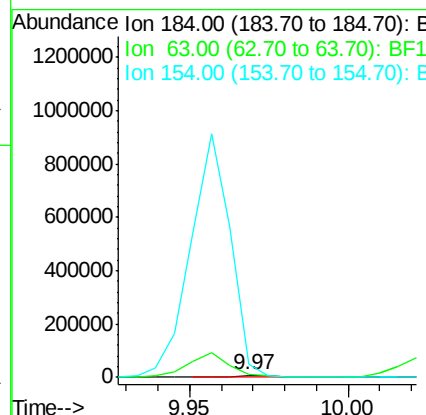
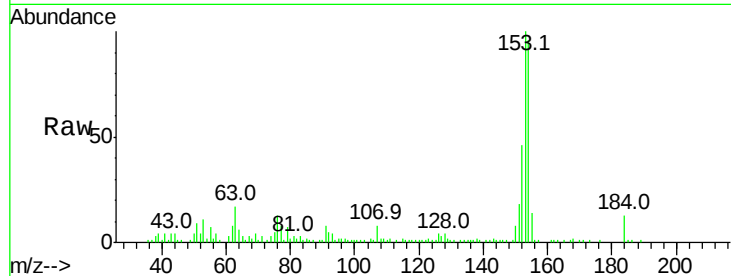
#53
2,4-Dinitrophenol
Concen: 12.976 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

Instrument :
BNA_F
ClientSampleId :
8-SAN-5-EW(0-4)MSD

Tot Ion:184 Resp: 5979
Ion Ratio Lower Upper
184 100
63 129.9 54.2 81.2#
154 725.9 184.0 276.0#

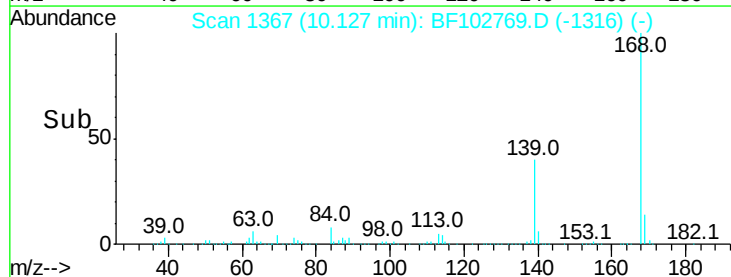
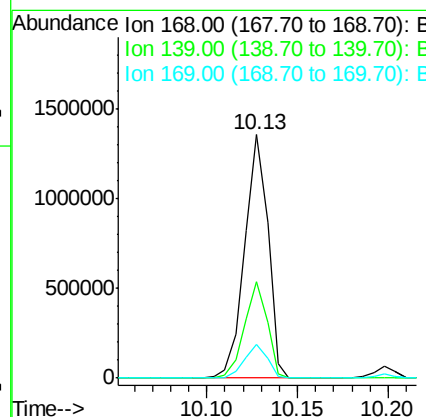
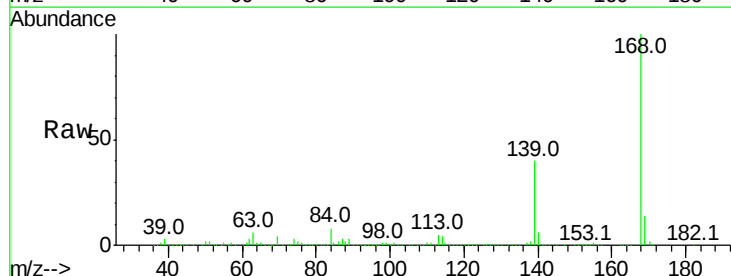
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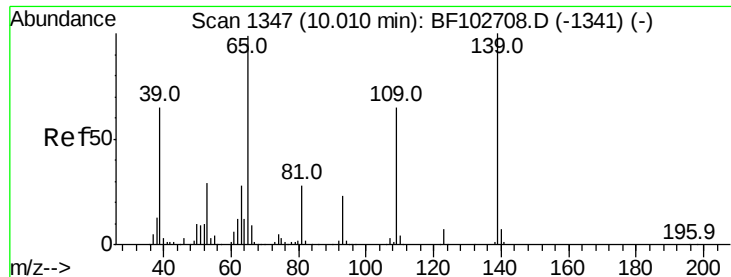
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#54
Dibenzofuran
Concen: 32.249 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.00 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

Tgt Ion:168 Resp: 1206326
Ion Ratio Lower Upper
168 100
139 39.7 30.1 45.1
169 14.0 10.9 16.3





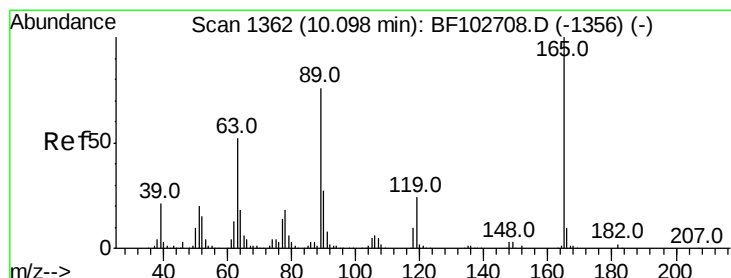
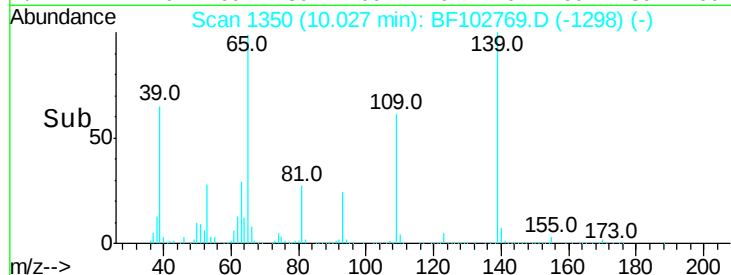
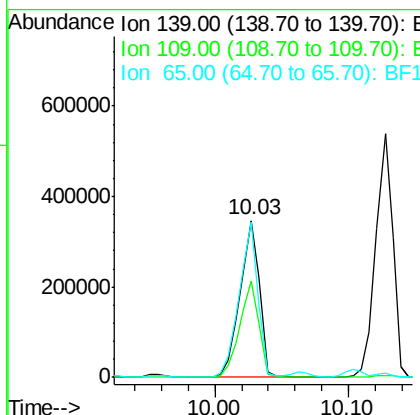
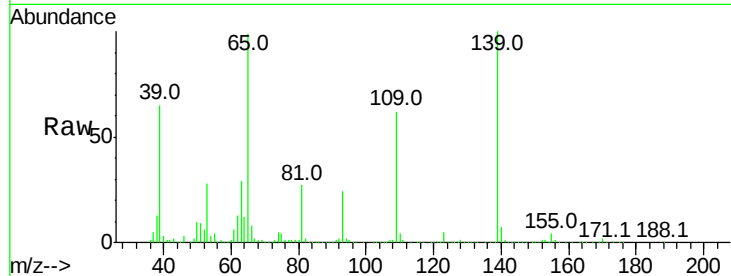
#55
4-Nitrophenol
Concen: 55.827 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

Instrument :
BNA_F
ClientSampleId :
8-SAN-5-EW(0-4)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
139	100				
109	61.7	48.4	88.4		
65	99.2	72.6	112.6		

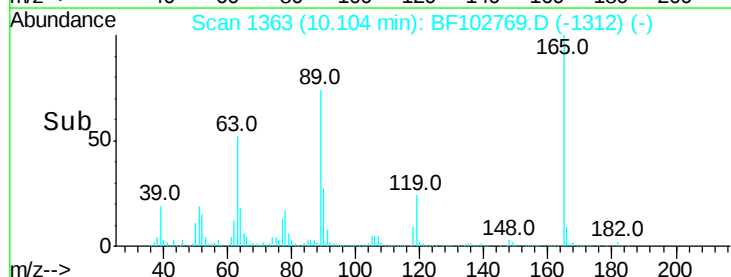
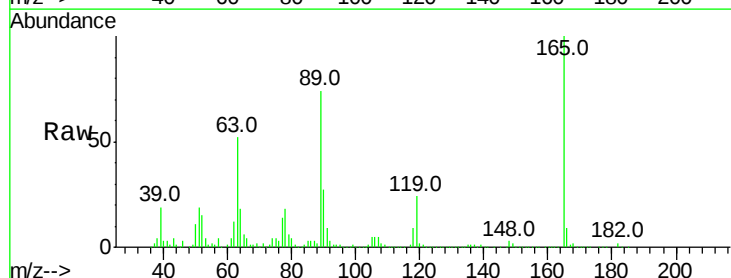
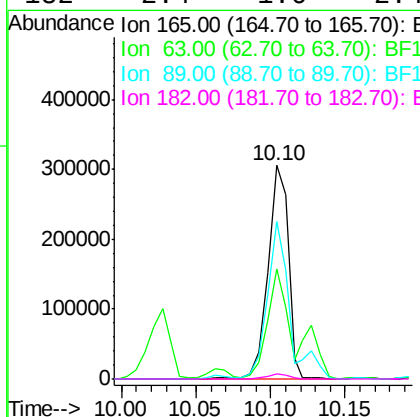
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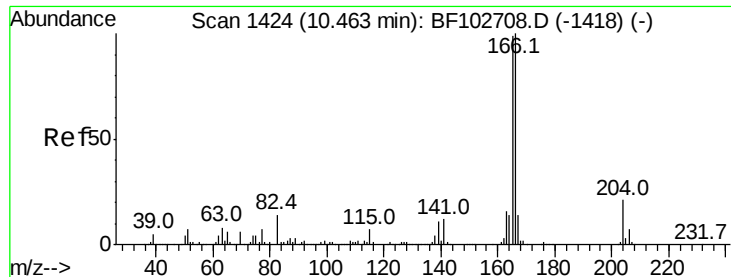
Sohil
2/6/2018 2:26:25 PM



#56
2,4-Dinitrotoluene
Concen: 34.196 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
165	100				
63	51.9	36.4	54.6		
89	73.6	57.8	86.6		
182	2.4	1.6	2.4#		





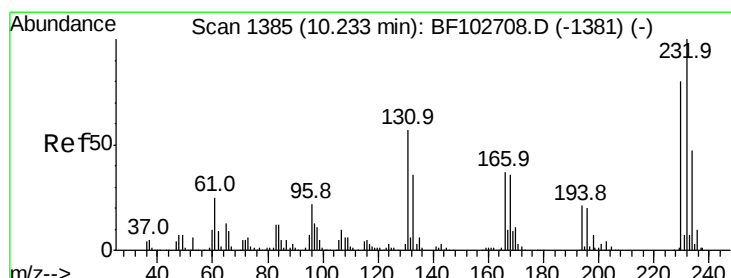
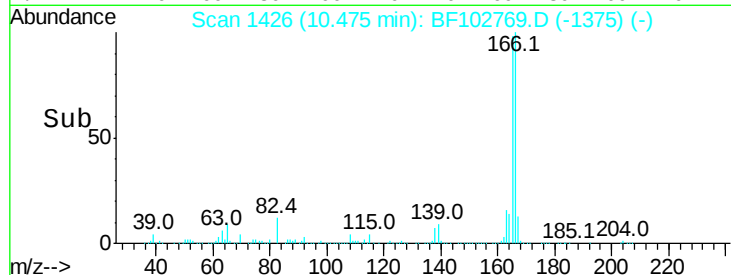
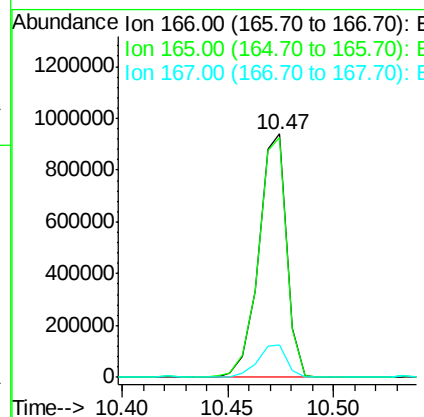
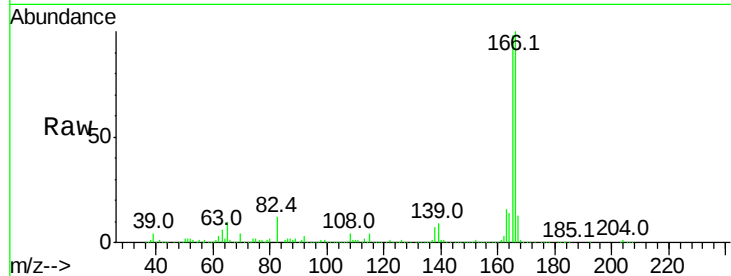
#57
Fluorene
Concen: 31.724 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

Instrument :
BNA_F
ClientSampleId :
8-SAN-5-EW(0-4)MSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.5	79.8	119.8	
167	13.4	10.6	16.0	

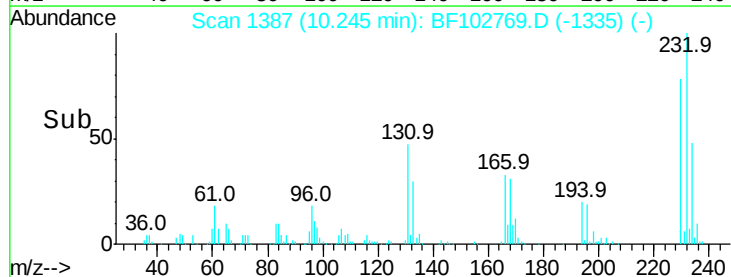
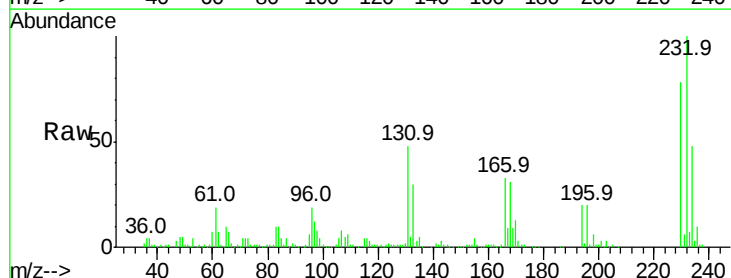
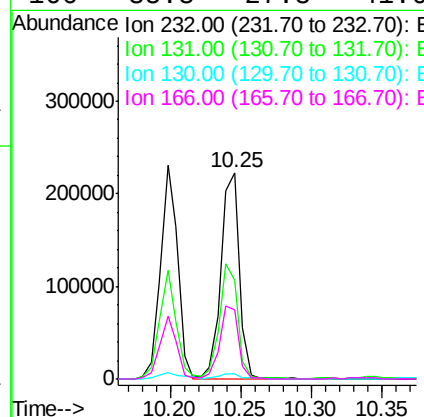
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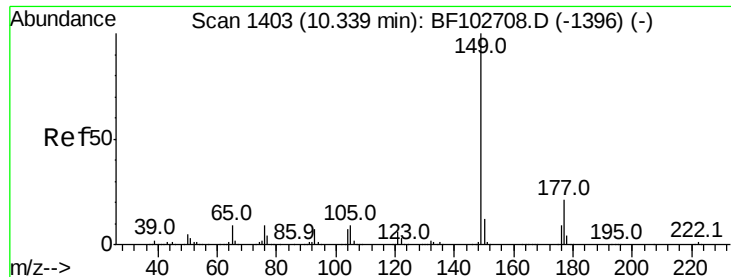
Sohil
2/6/2018 2:26:25 PM



#58
2,3,4,6-Tetrachlorophenol
Concen: 33.822 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.01 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	53.7	43.8	65.8	
130	3.3	2.1	3.1#	
166	35.8	27.8	41.6	





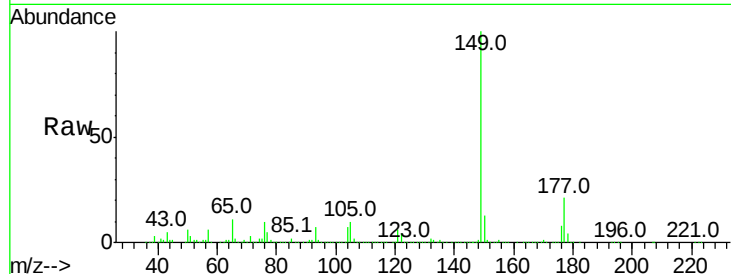
#59
Diethylphthalate
Concen: 31.493 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

Instrument :
BNA_F
ClientSampleId :
8-SAN-5-EW(0-4)MSD

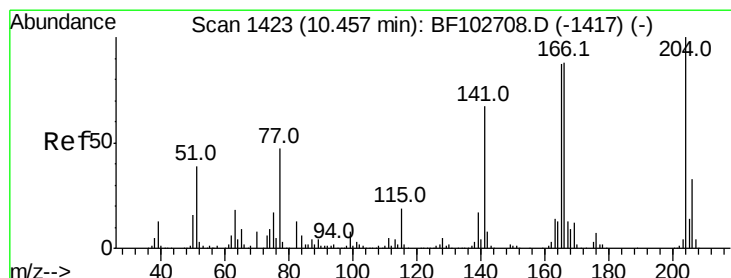
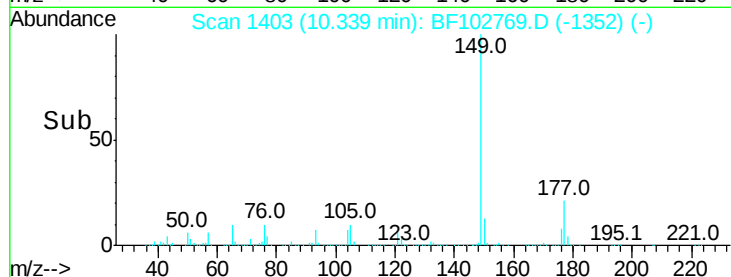
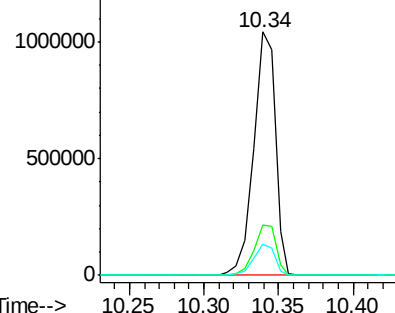
Tot Ion	Ratio	Lower	Upper
149	100		
177	20.7	16.1	24.1
150	12.6	10.1	15.1

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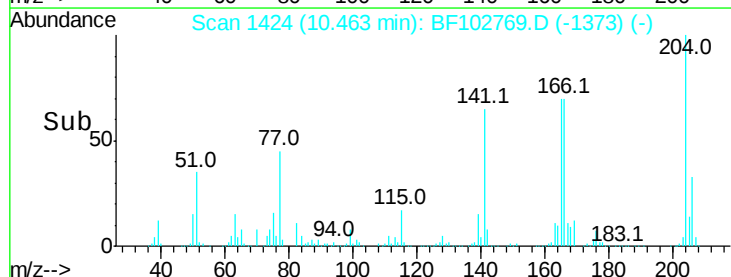
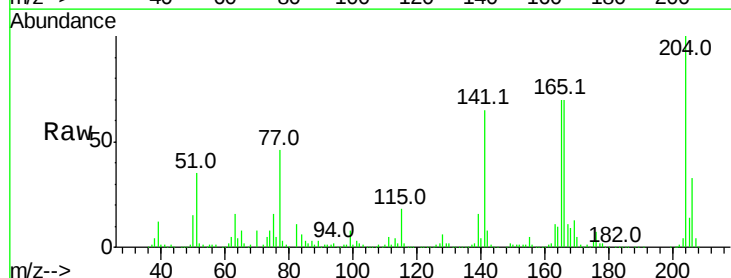
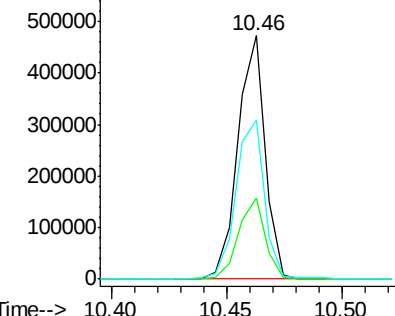
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

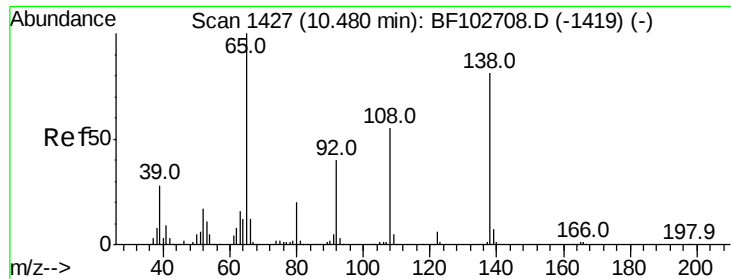


#60
4-Chlorophenyl-phenylether
Concen: 32.313 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.5	39.7
141	65.4	54.6	81.8

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





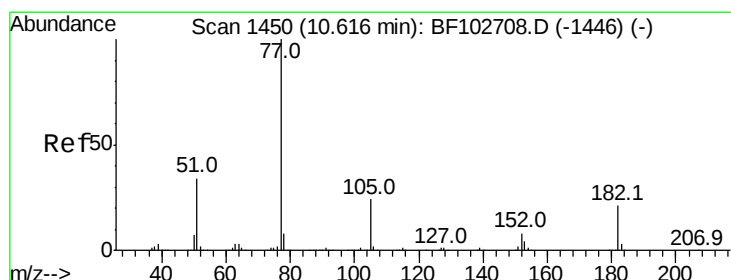
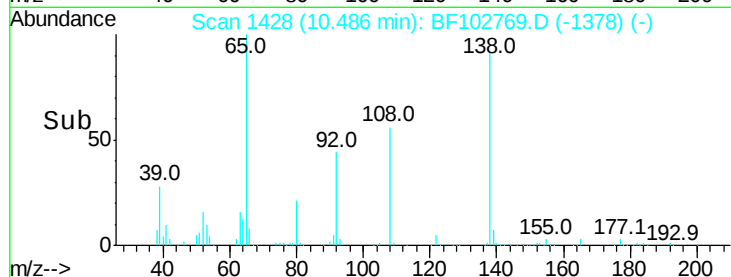
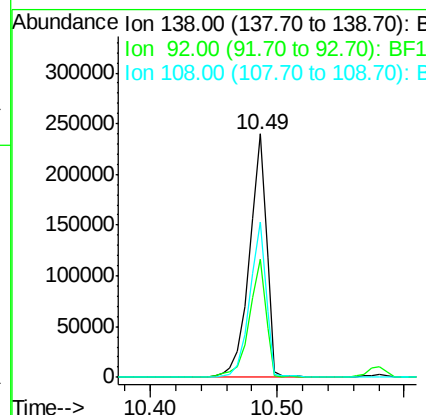
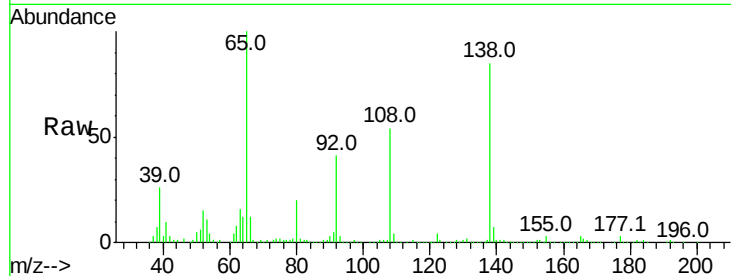
#61
4-Nitroaniline
Concen: 30.189 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

Instrument :
BNA_F
ClientSampleId :
8-SAN-5-EW(0-4)MSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	226040		
92	48.5	30.2	70.2	
108	63.9	52.5	92.5	

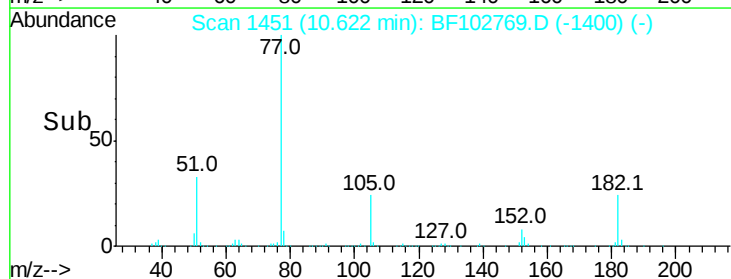
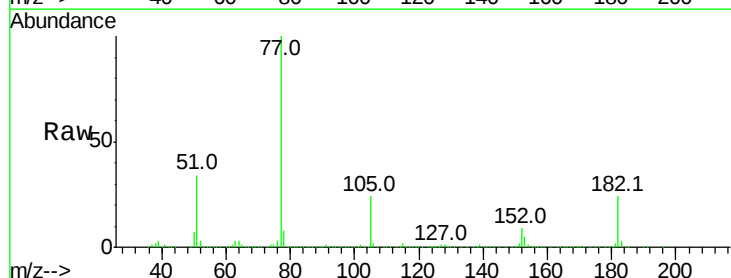
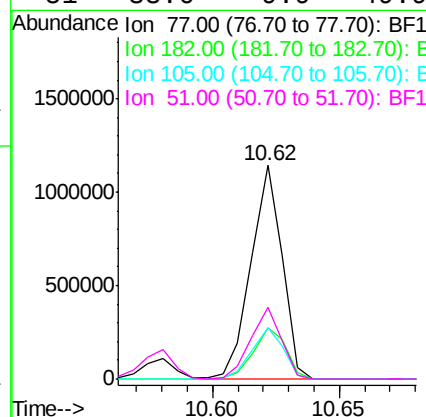
Manual Integrations
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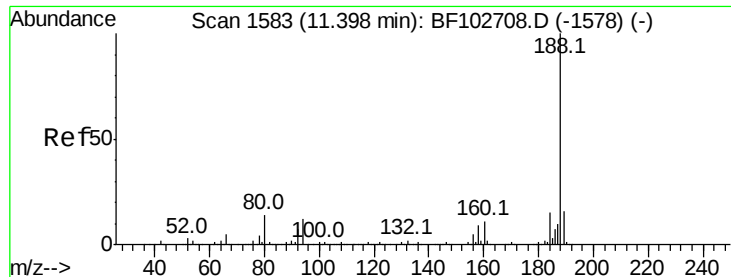
Sohil
2/6/2018 2:26:25 PM



#62
Azobenzene
Concen: 29.491 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	977524		
182	23.8	1.7	41.7	
105	24.0	3.0	43.0	
51	33.6	9.9	49.9	





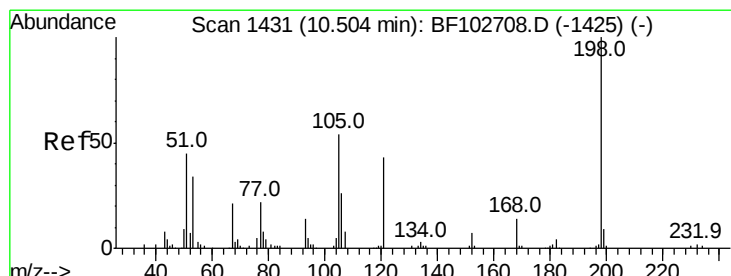
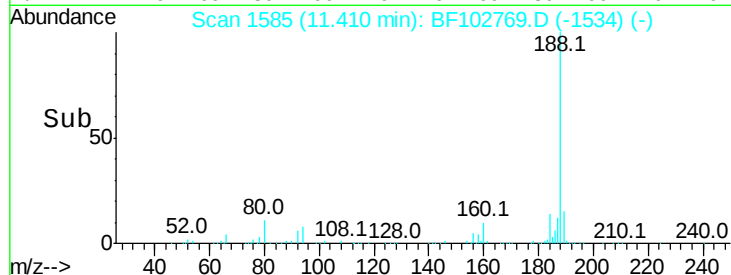
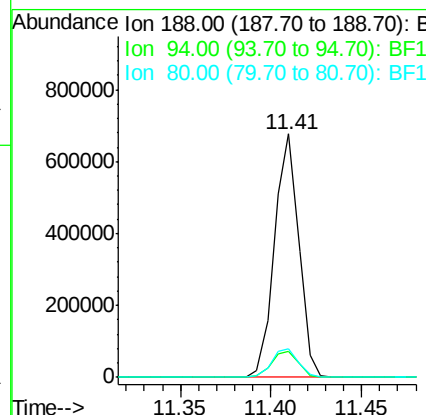
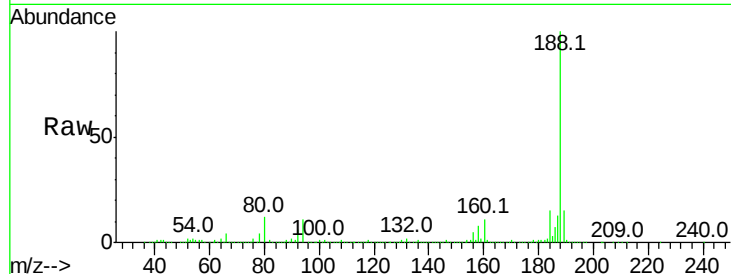
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

Instrument :
BNA_F
ClientSampleId :
8-SAN-5-EW(0-4)MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.9	8.5	12.7
80	11.8	9.2	13.8

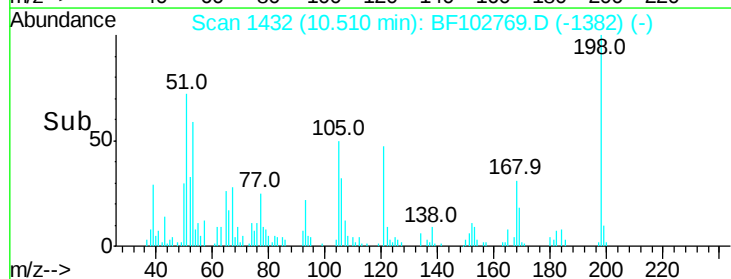
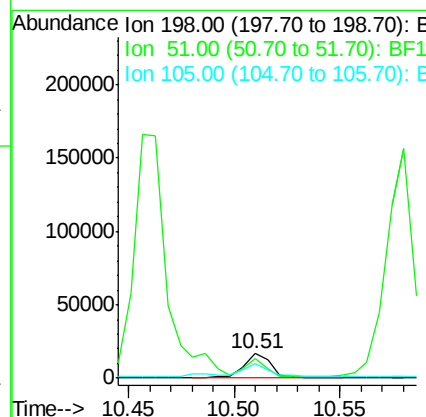
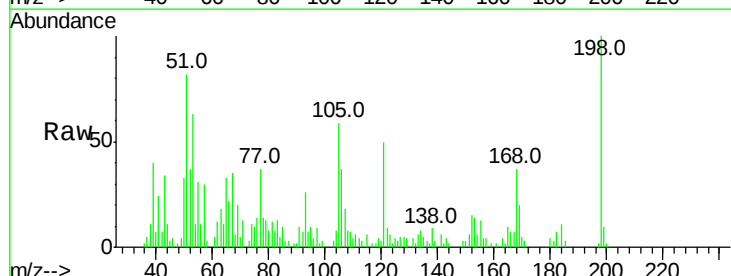
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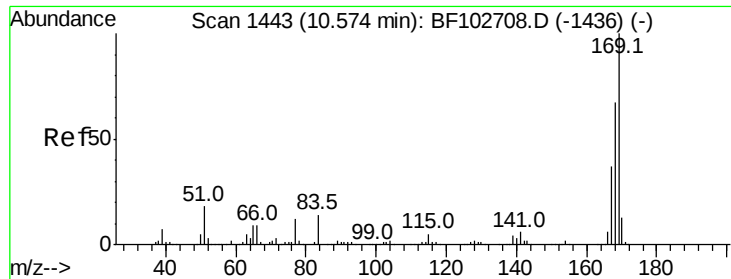
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 14.007 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	81.6	37.7	77.7#
105	59.1	36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 36.418 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.00 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

Instrument :

BNA_F

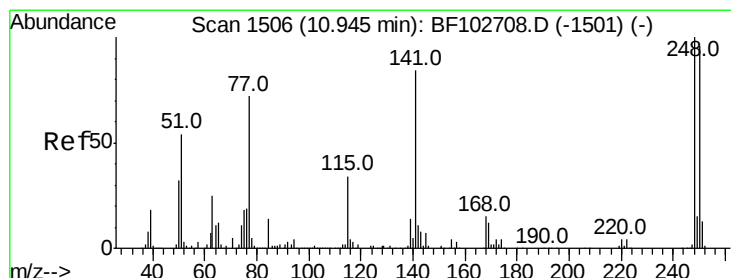
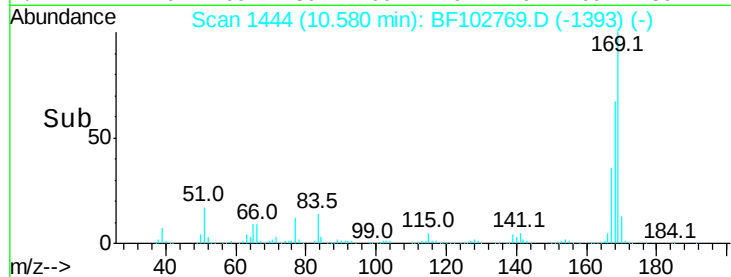
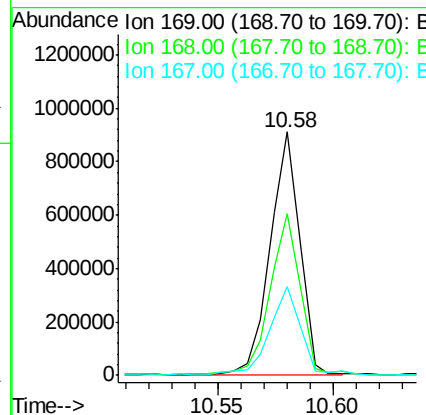
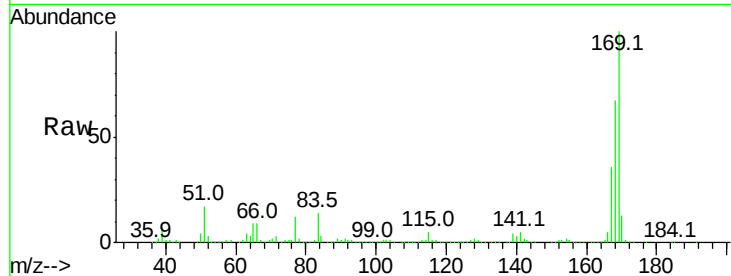
ClientSampleId :

8-SAN-5-EW(0-4)MSD

Tot Ion:	169	Resp:	810762
Ion Ratio	Lower	Upper	
169	100		
168	66.7	54.4	81.6
167	36.3	29.8	44.6

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 36.206 ng

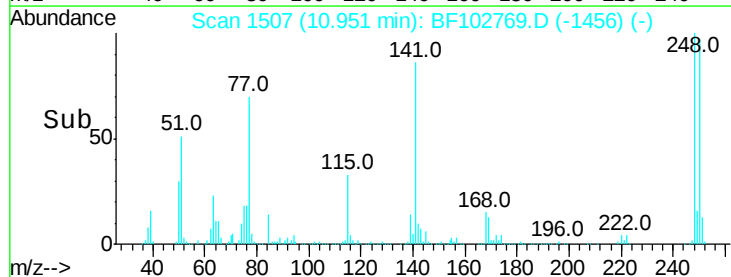
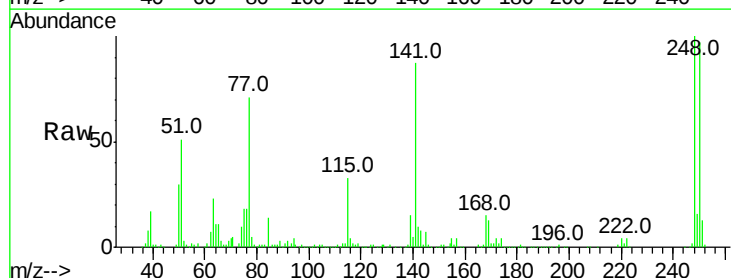
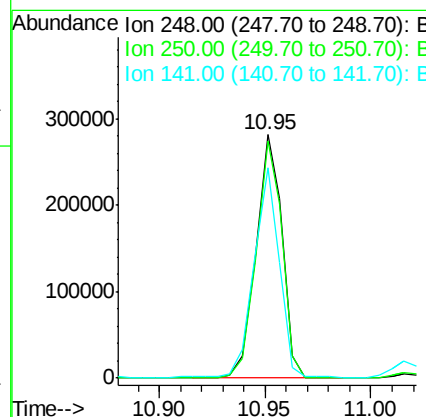
RT: 10.95 min Scan# 1507

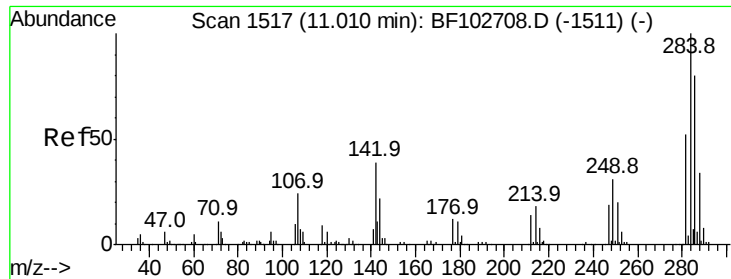
Delta R.T. -0.00 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

Tgt Ion:	248	Resp:	241731
Ion Ratio	Lower	Upper	
248	100		
250	97.2	76.9	115.3
141	86.6	74.4	111.6





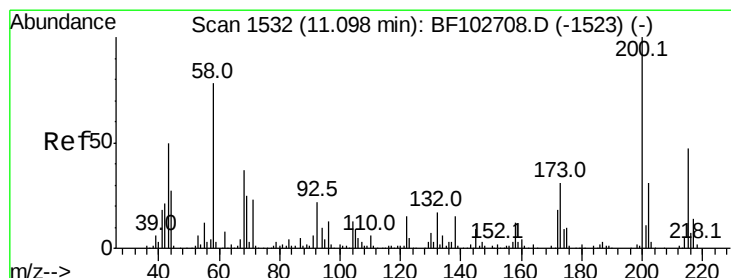
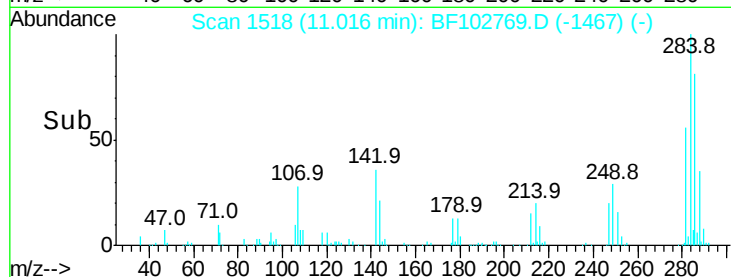
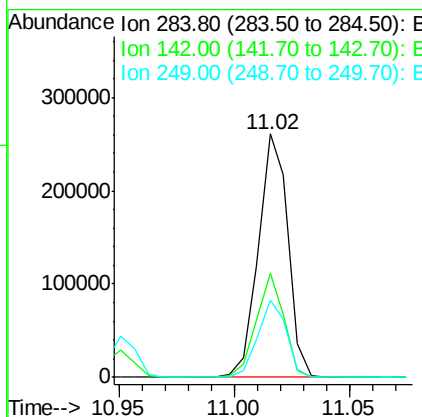
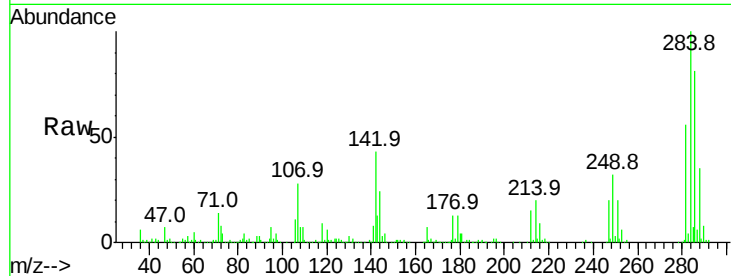
#67
Hexachlorobenzene
Concen: 31.534 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

Instrument :
BNA_F
ClientSampleId :
8-SAN-5-EW(0-4)MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	232263		
142	42.8	34.6	52.0	
249	31.9	24.8	37.2	

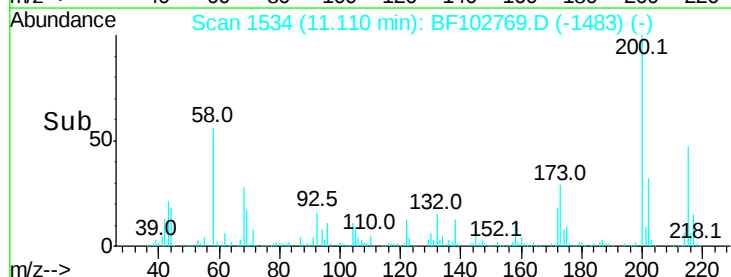
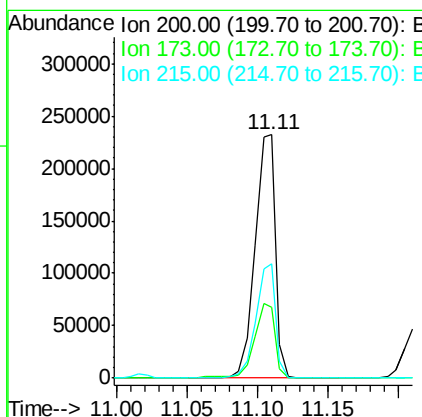
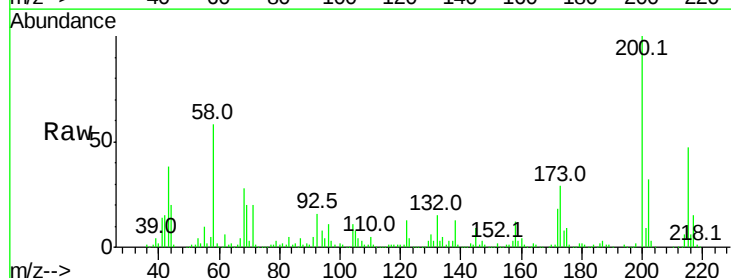
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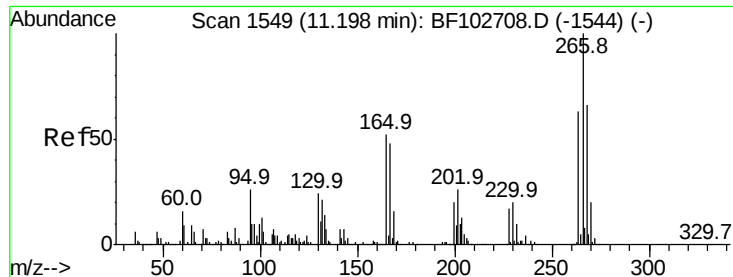
Sohil
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#68
Atrazine
Concen: 36.100 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.00 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	237094		
173	29.1	8.6	48.6	
215	47.2	25.1	65.1	





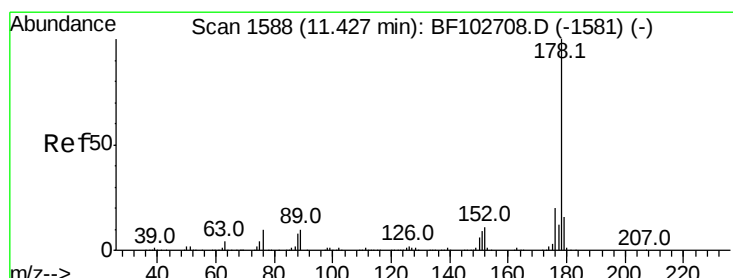
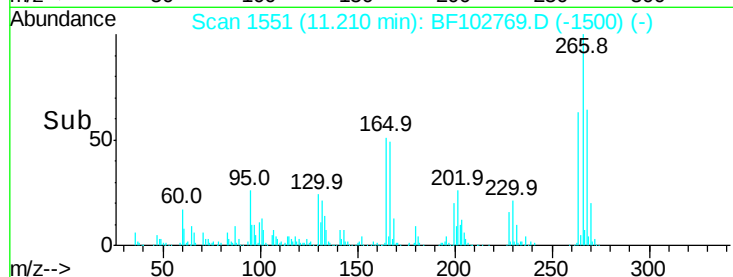
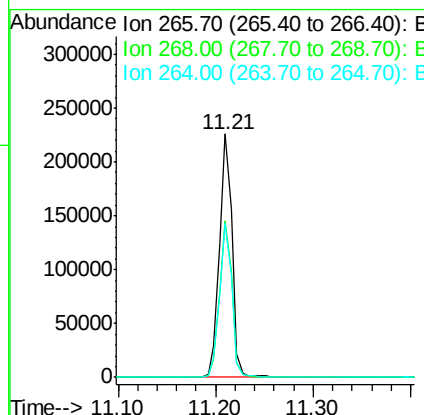
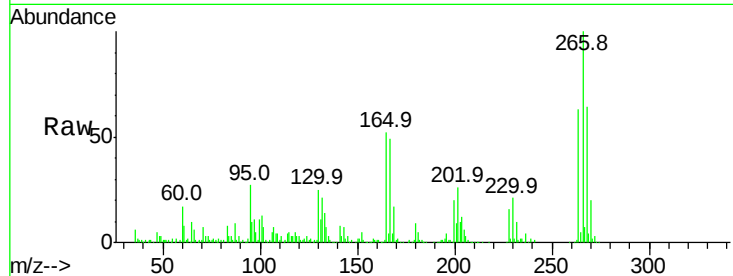
#69
 Pentachlorophenol
 Concen: 47.048 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.00 min
 Lab File: BF102769.D
 Acq: 6 Feb 2018 6:11

Instrument :
 BNA_F
 ClientSampleId :
 8-SAN-5-EW(0-4)MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	203416		
268	64.1	51.1	76.7	
264	63.3	49.5	74.3	

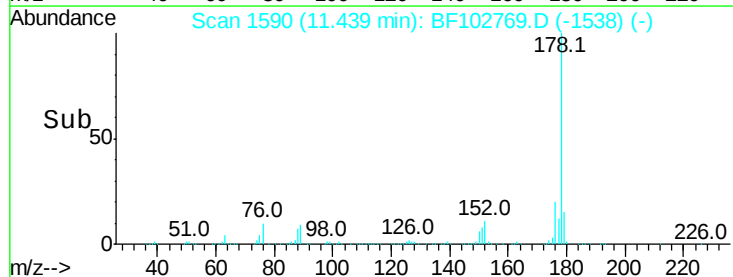
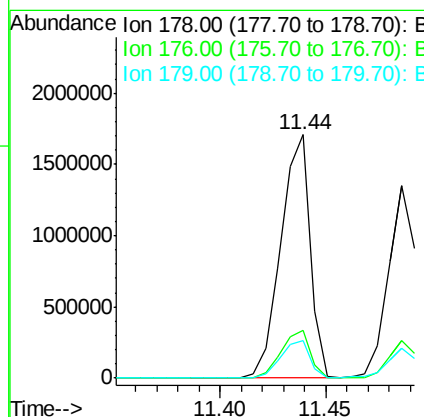
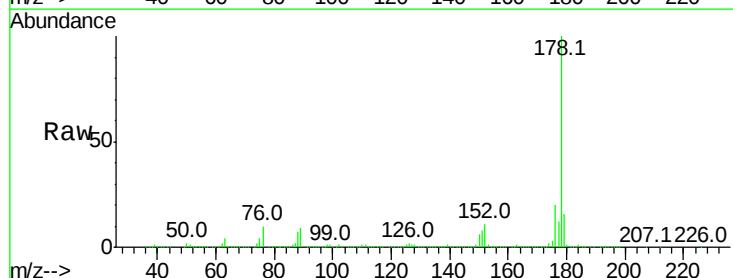
Manual Integrations
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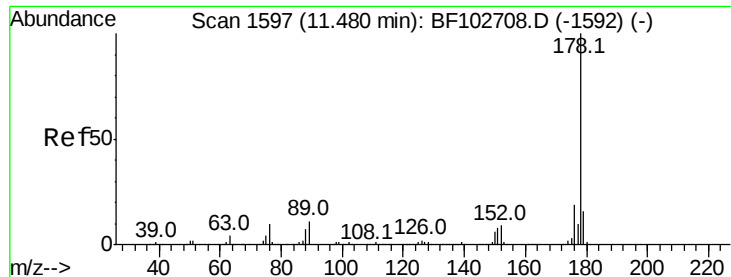
Sohil
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#70
 Phenanthrene
 Concen: 47.146 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. 0.01 min
 Lab File: BF102769.D
 Acq: 6 Feb 2018 6:11

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1657231		
176	19.8	15.8	23.8	
179	15.6	13.0	19.6	





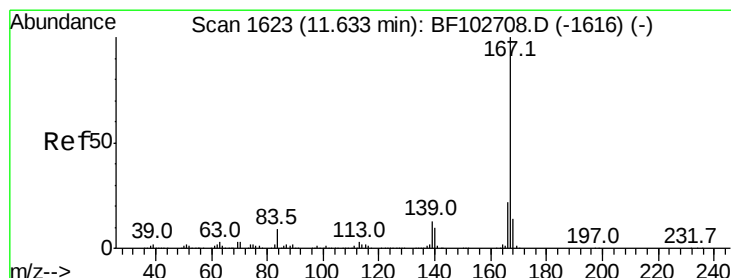
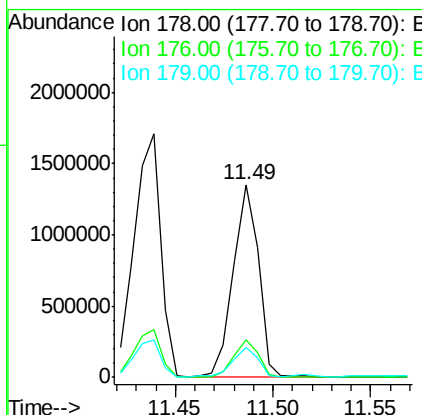
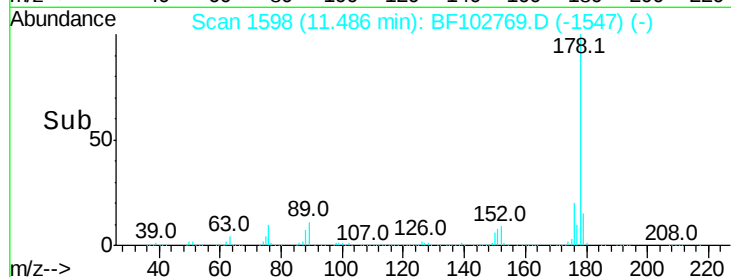
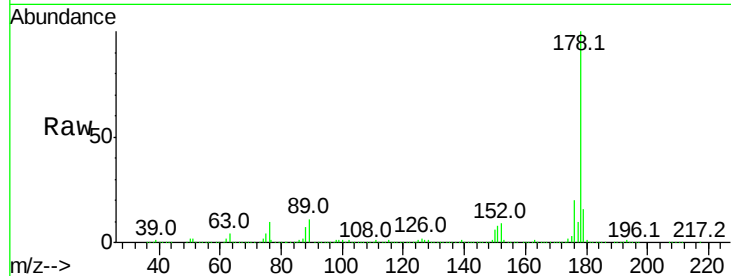
#71
 Anthracene
 Concen: 34.212 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF102769.D
 Acq: 6 Feb 2018 6:11

Instrument :
 BNA_F
 ClientSampleId :
 8-SAN-5-EW(0-4)MSD

Tot Ion:178 Resp: 1223169
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.4 23.2
 179 15.7 12.6 19.0

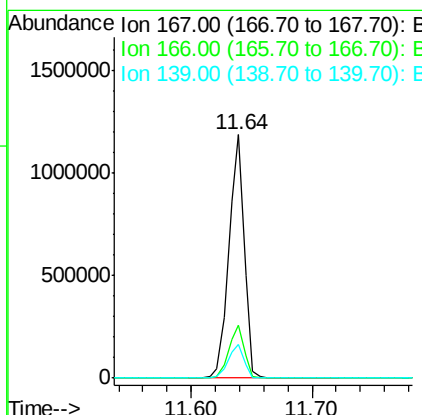
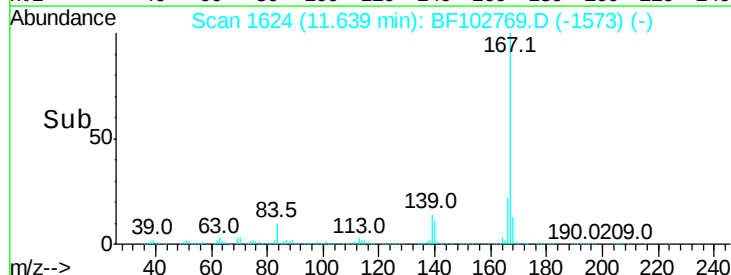
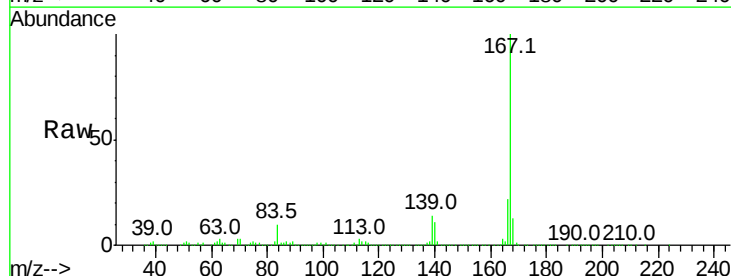
Manual Integrations
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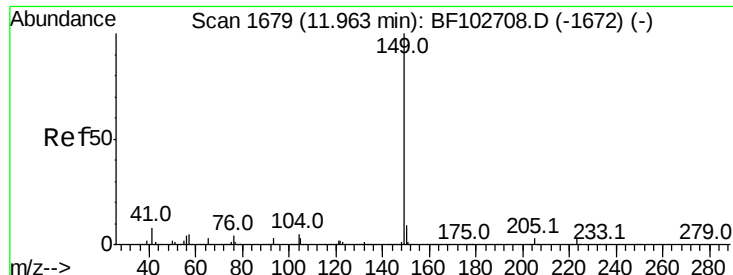
Sohil
 2/6/2018 2:26:25 PM



#72
 Carbazole
 Concen: 29.846 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BF102769.D
 Acq: 6 Feb 2018 6:11

Tgt Ion:167 Resp: 1045370
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 13.9 10.9 16.3





#73

Di-n-butylphthalate

Concen: 34.735 ng

RT: 11.97 min Scan# 1680

Delta R.T. -0.00 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

Instrument :

BNA_F

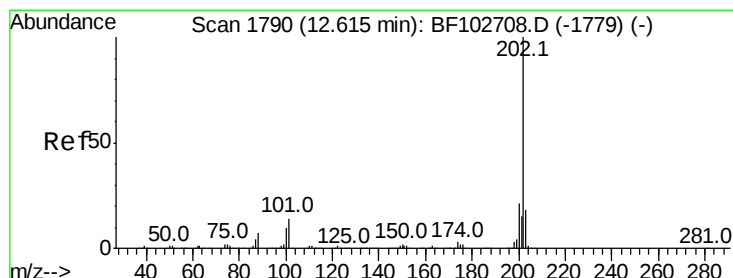
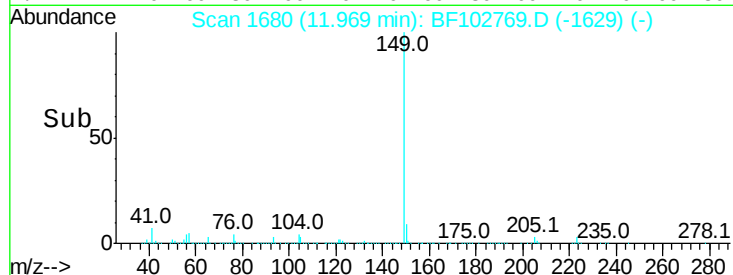
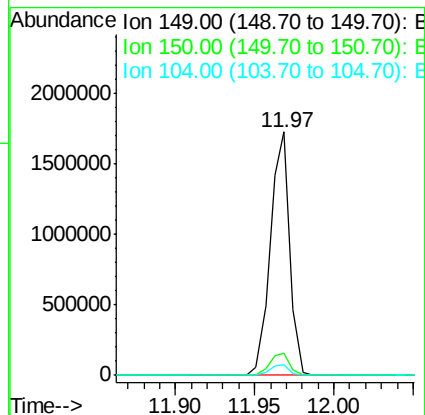
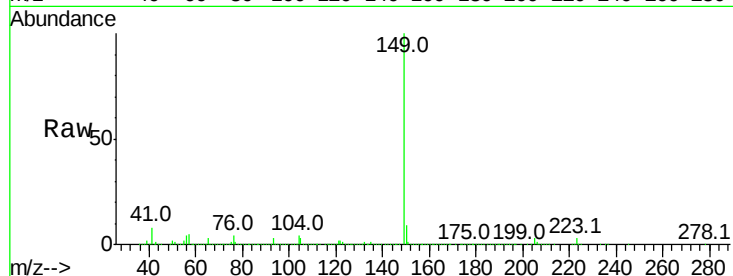
ClientSampleId :

8-SAN-5-EW(0-4)MSD

Tot Ion:	149	Resp:	1477901
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.8	11.6
104	4.5	3.8	5.8

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Sohil
2/6/2018 2:26:25 PM



#74

Fluoranthene

Concen: 47.235 ng

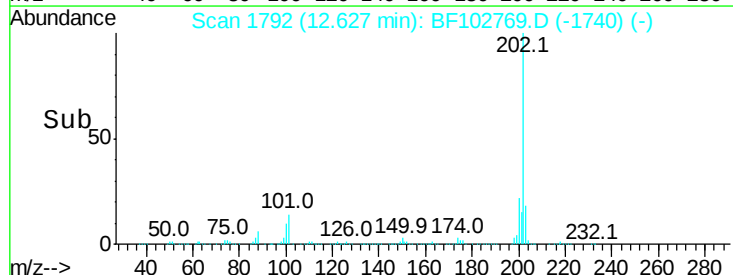
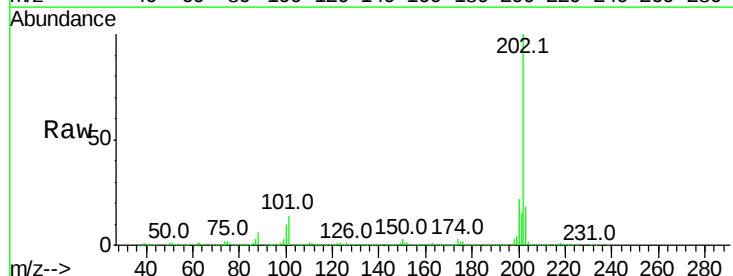
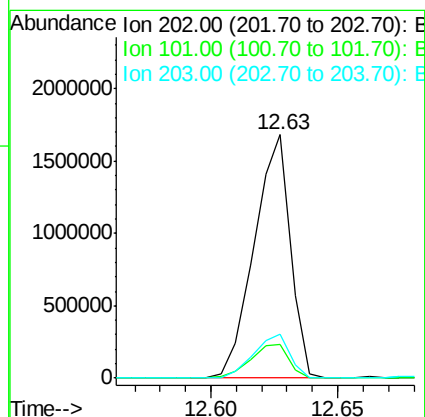
RT: 12.63 min Scan# 1792

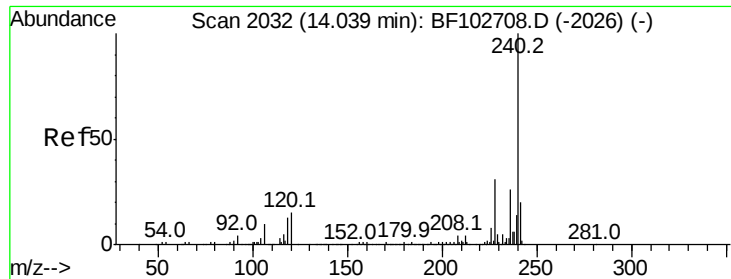
Delta R.T. 0.01 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

Tgt Ion:	202	Resp:	1670536
Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	34.1
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

Instrument :

BNA_F

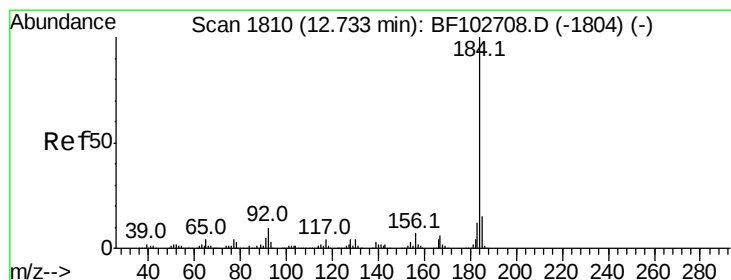
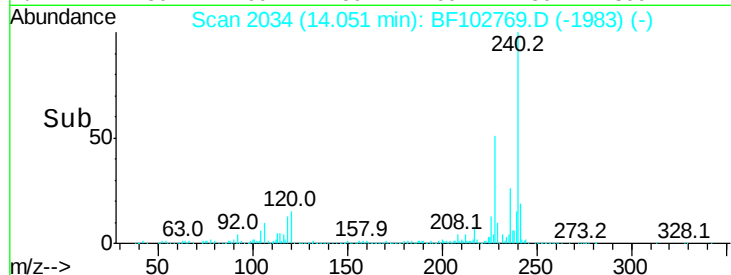
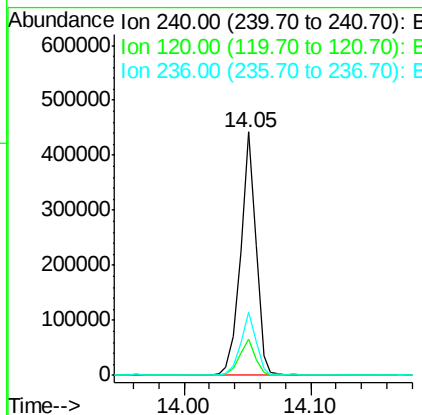
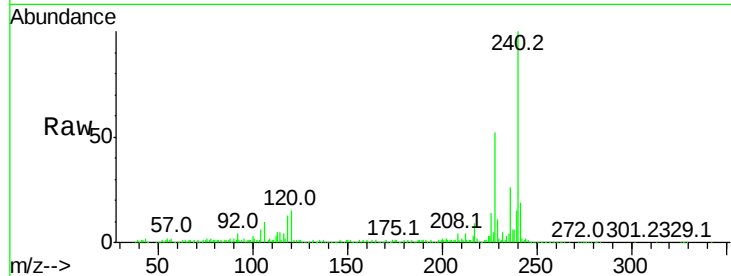
ClientSampleId :

8-SAN-5-EW(0-4)MSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	14.8	9.5	14.3#	
236	26.1	20.7	31.1	

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#76

Benzidine

Concen: 14.370 ng

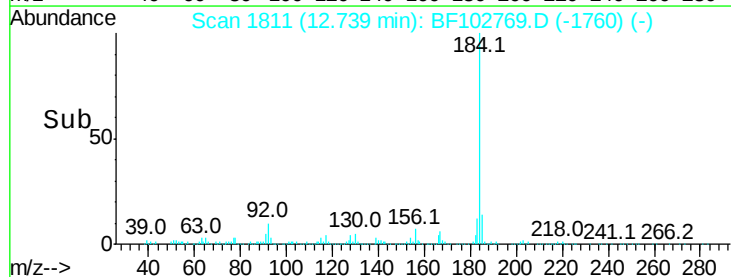
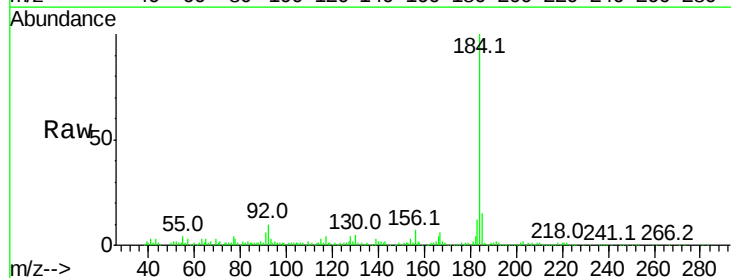
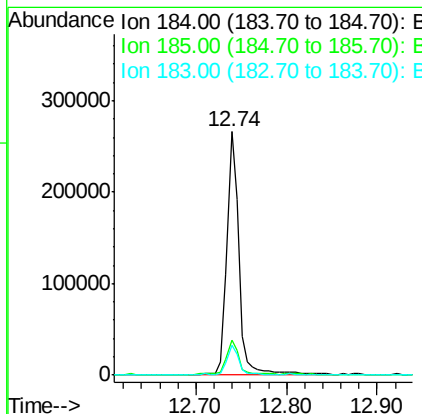
RT: 12.74 min Scan# 1811

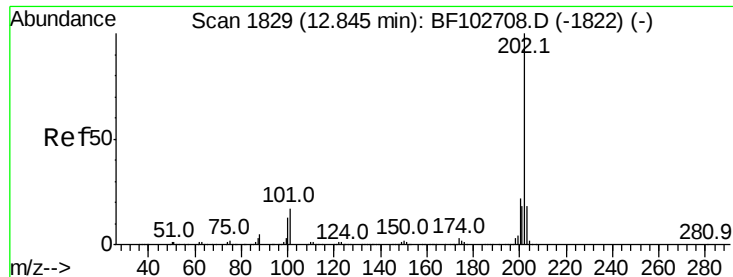
Delta R.T. -0.00 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.5	12.6	18.8	
183	12.5	9.3	13.9	





#77

Pvrene

Concen: 55.014 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.01 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

Instrument :

BNA_F

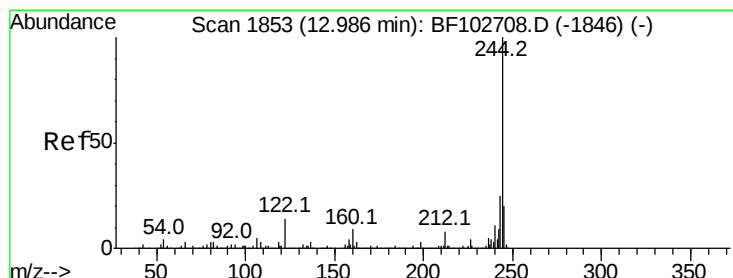
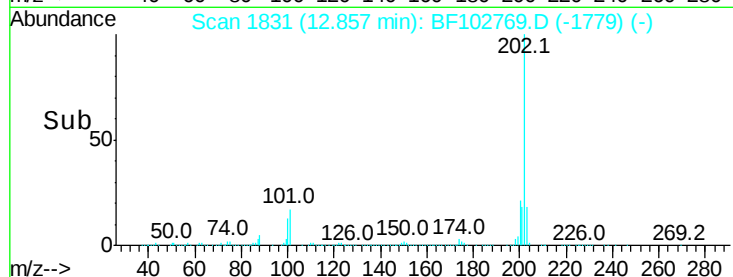
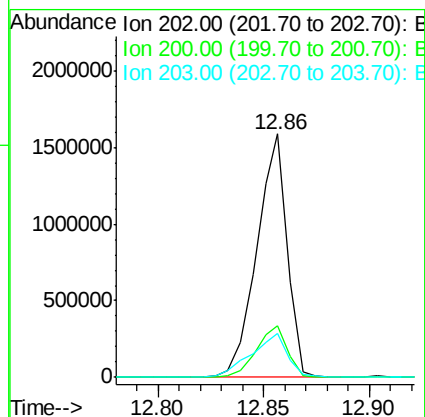
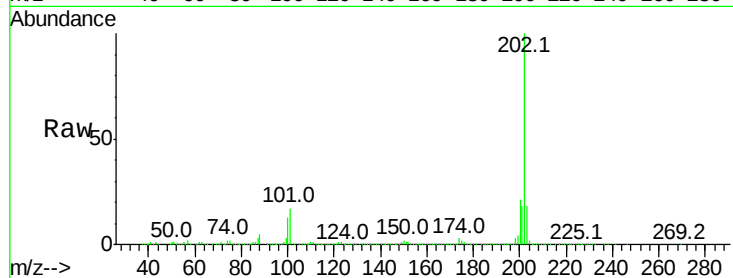
ClientSampleId :

8-SAN-5-EW(0-4)MSD

Tot Ion:	202	Resp:	1577644
Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	17.9	14.3	21.5

Manual Integrations
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#78

Terphenyl-d14

Concen: 69.706 ng

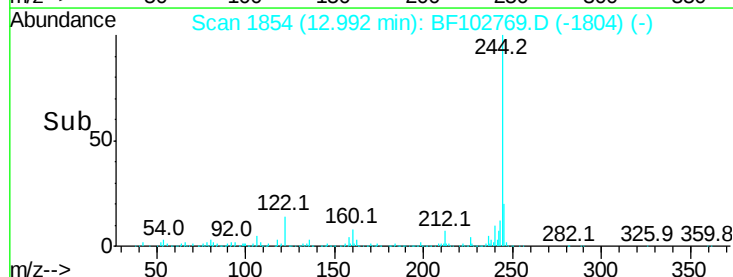
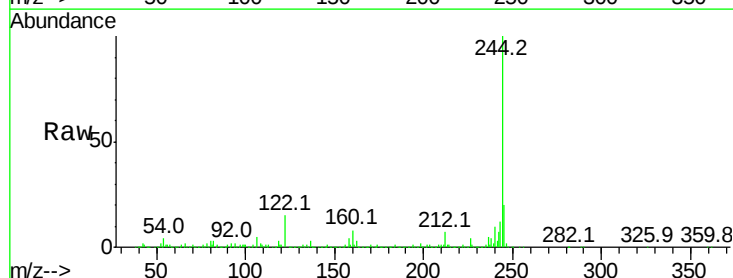
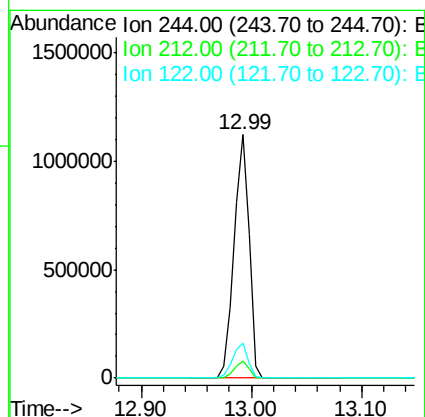
RT: 12.99 min Scan# 1854

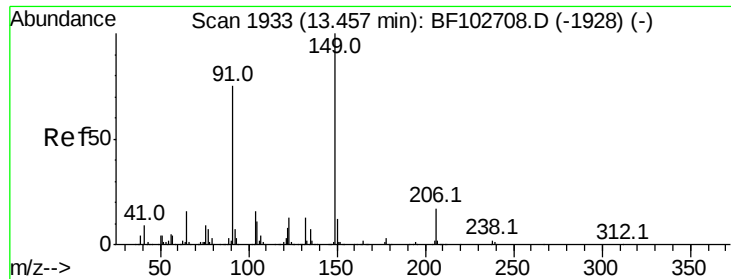
Delta R.T. -0.01 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

Tgt Ion:	244	Resp:	1076625
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	14.5	11.0	16.4





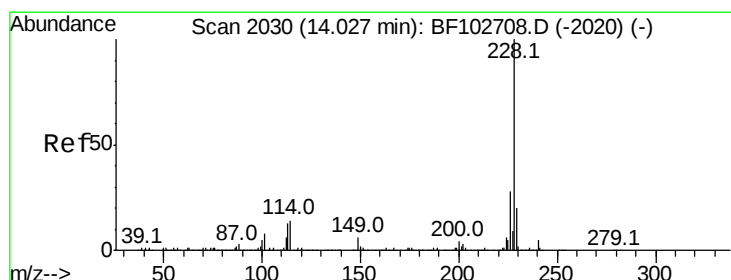
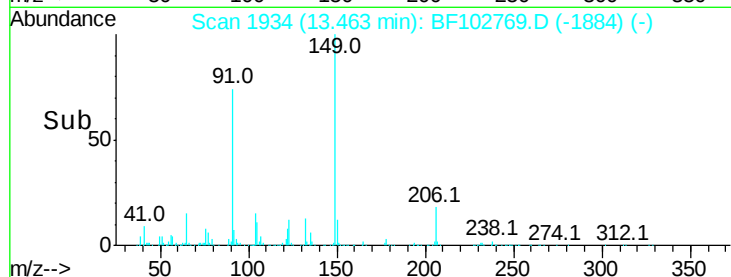
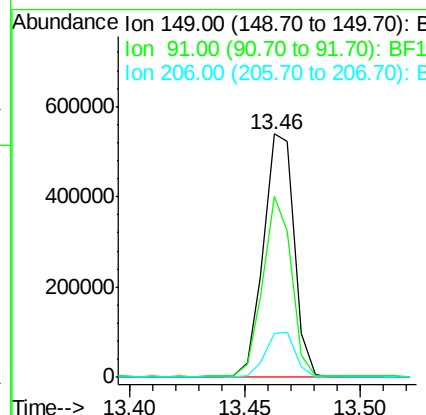
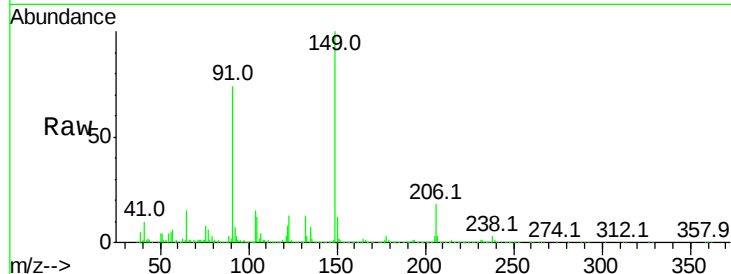
#79
Butylbenzylphthalate
Concen: 36.570 ng
RT: 13.46 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

Instrument :
BNA_F
ClientSampleId :
8-SAN-5-EW(0-4)MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	498231		
91	74.2	56.8	85.2	
206	17.9	14.1	21.1	

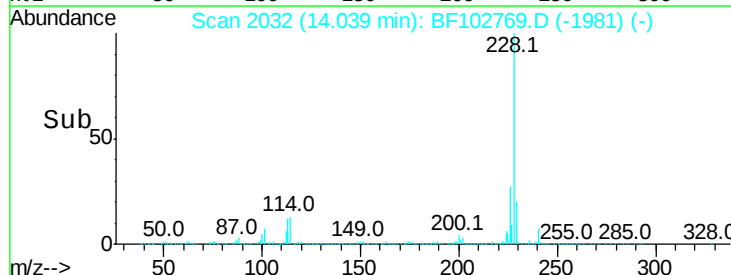
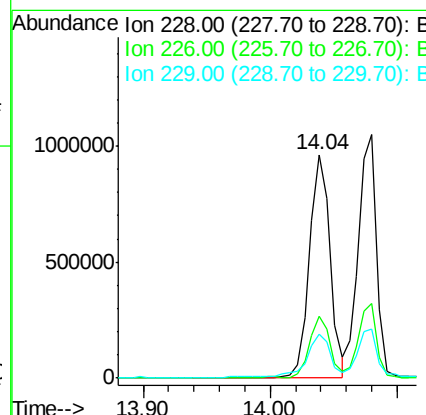
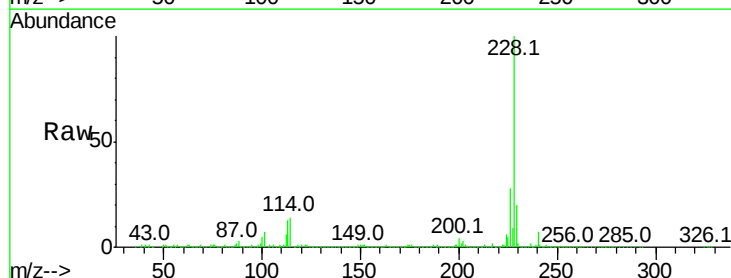
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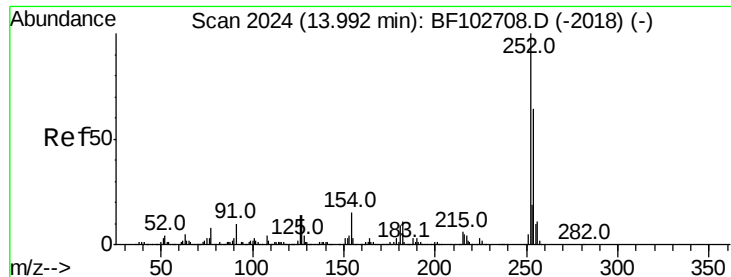
Sohil
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#80
Benzo(a)anthracene
Concen: 47.118 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1083690		
226	27.6	22.6	33.8	
229	19.9	15.8	23.6	





#81

3,3'-Dichlorobenzidine

Concen: 26.449 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

Instrument :

BNA_F

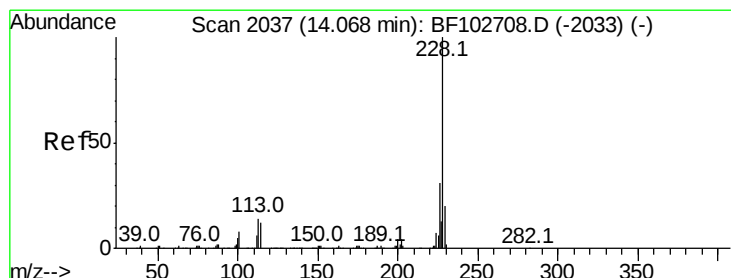
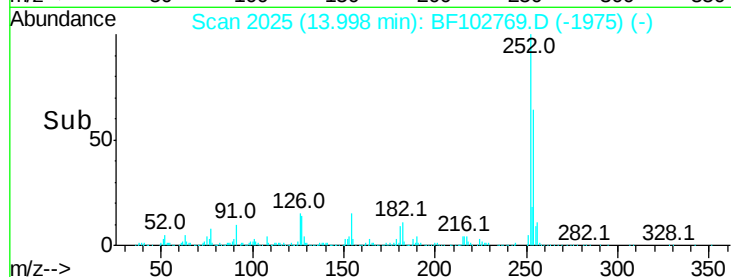
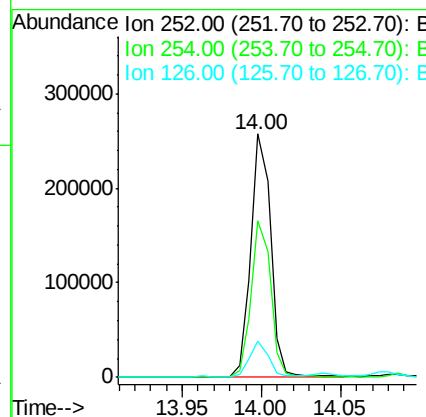
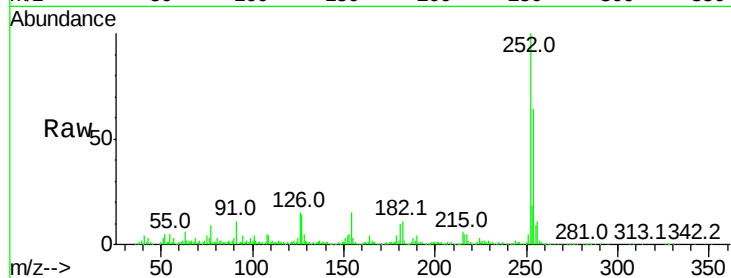
ClientSampleId :

8-SAN-5-EW(0-4)MSD

Tot Ion:	252	Resp:	225551
Ion Ratio		Lower	Upper
252	100		
254	64.4	50.4	75.6
126	14.8	11.3	16.9

Manual Integrations
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#82

Chrysene

Concen: 44.546 ng

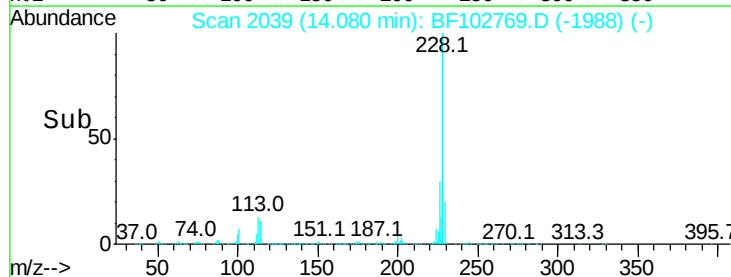
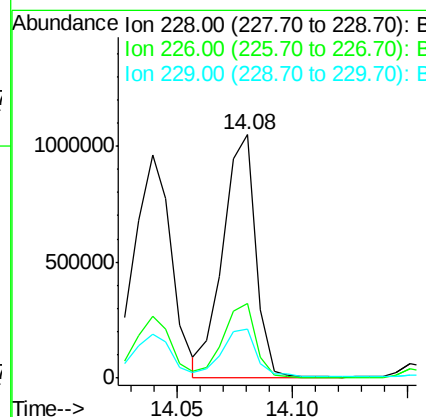
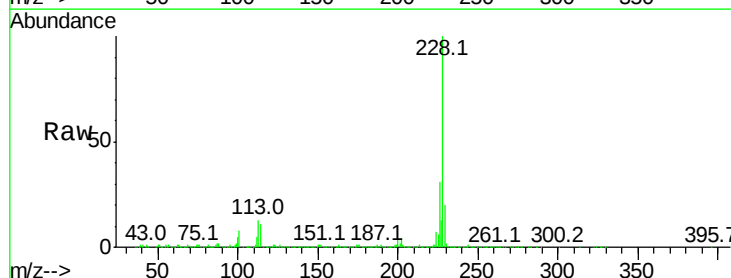
RT: 14.08 min Scan# 2039

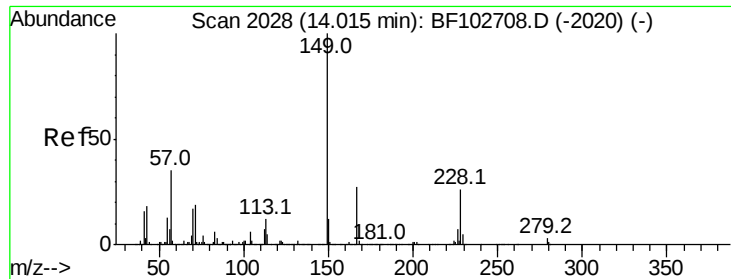
Delta R.T. -0.00 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

Tgt Ion:	228	Resp:	1032794
Ion Ratio		Lower	Upper
228	100		
226	30.6	25.0	37.6
229	20.2	16.2	24.4





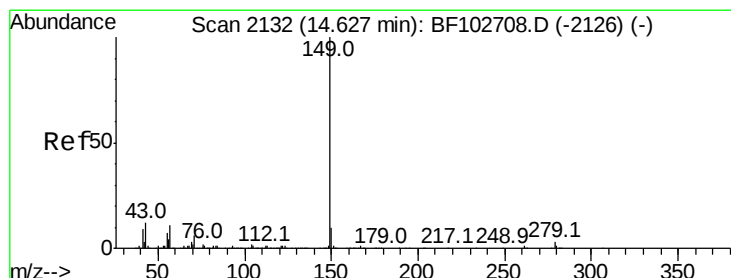
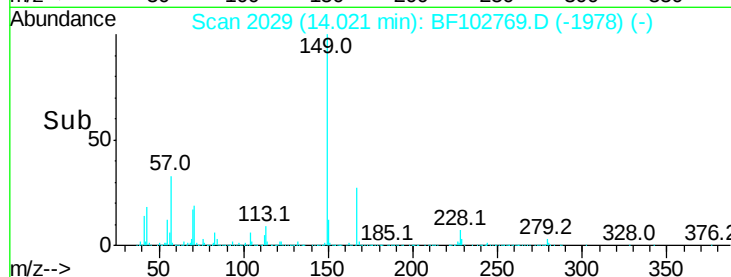
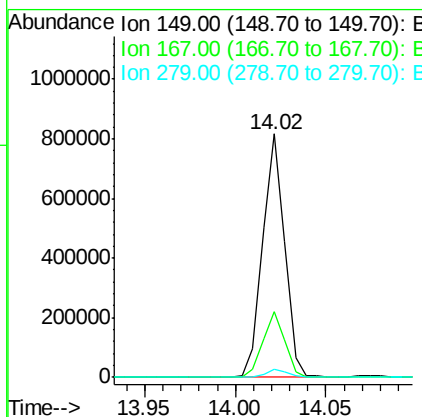
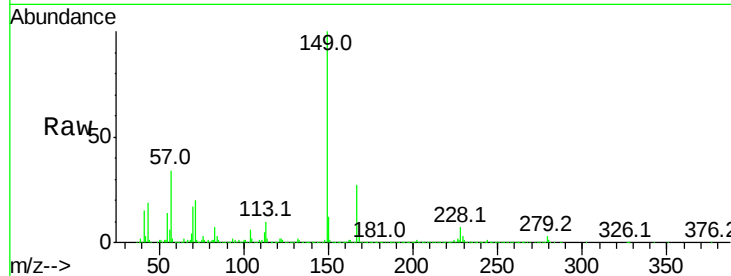
#83
Bis(2-ethylhexyl)phthalate
Concen: 39.074 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

Instrument :
BNA_F
ClientSampleId :
8-SAN-5-EW(0-4)MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.3	31.9
279	3.1	3.0	4.4

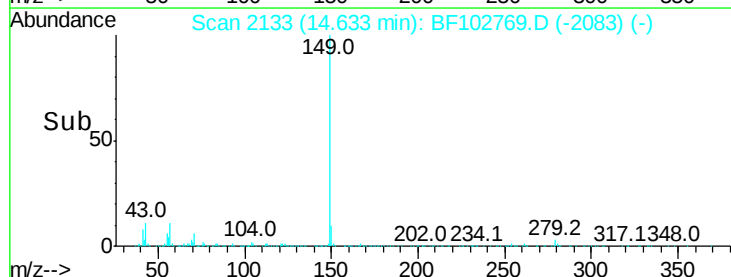
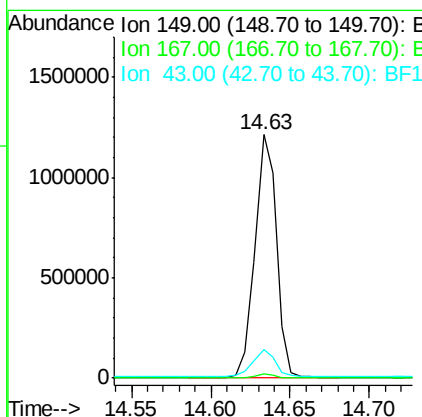
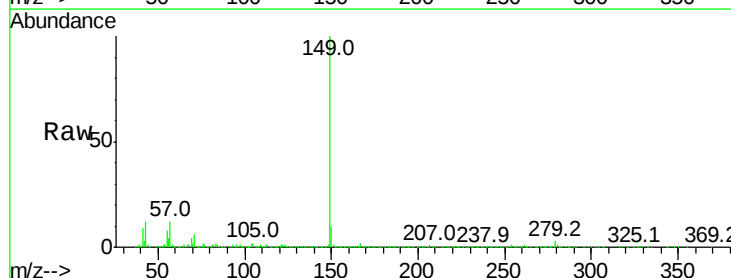
Manual Integrations
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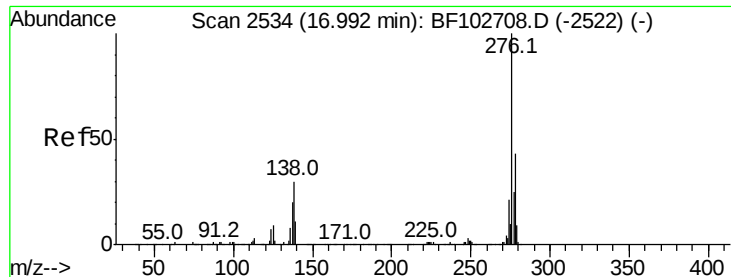
Sohil
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#84
Di-n-octyl phthalate
Concen: 43.288 ng
RT: 14.63 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.1	8.4	12.6





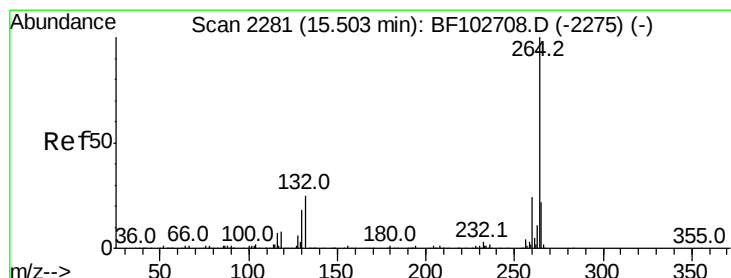
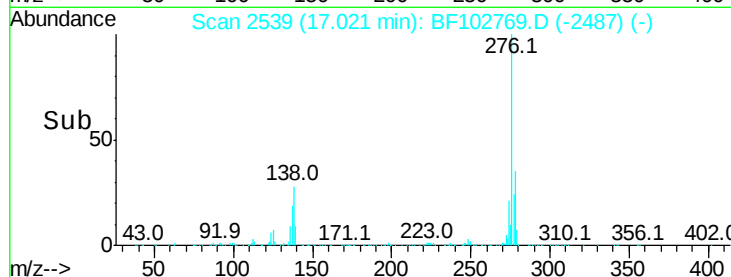
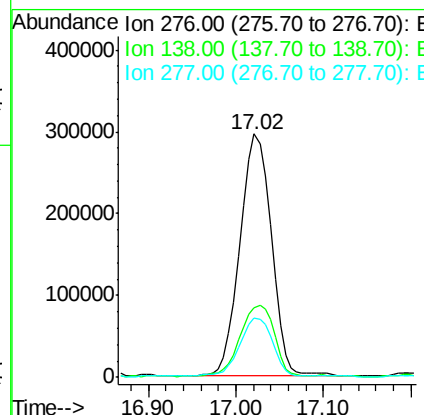
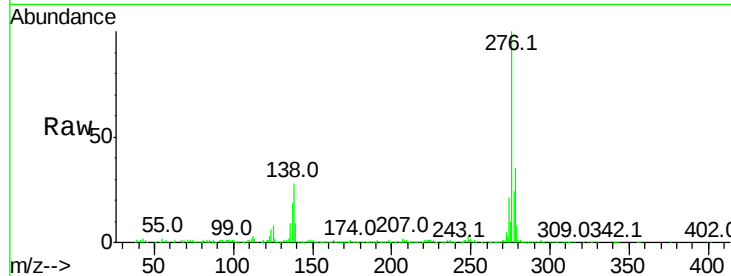
#85
Indeno(1,2,3-cd)pyrene
Concen: 37.768 ng
RT: 17.02 min Scan# 2539
Delta R.T. 0.01 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

Instrument :
BNA_F
ClientSampleId :
8-SAN-5-EW(0-4)MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.6	25.0	37.6
277	25.1	20.1	30.1

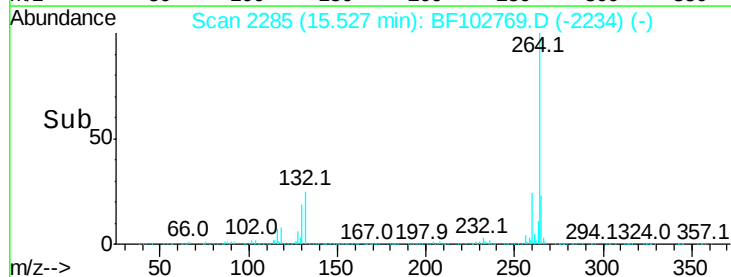
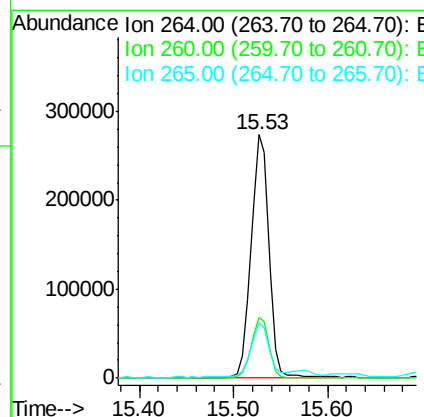
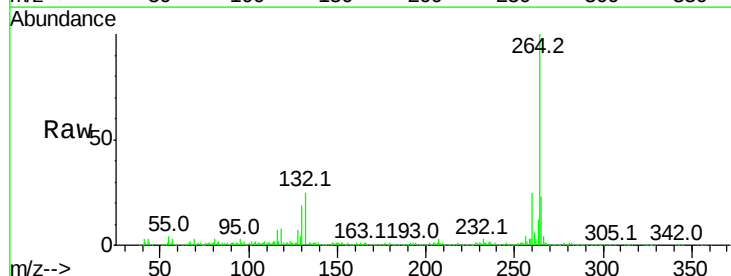
Manual Integrations
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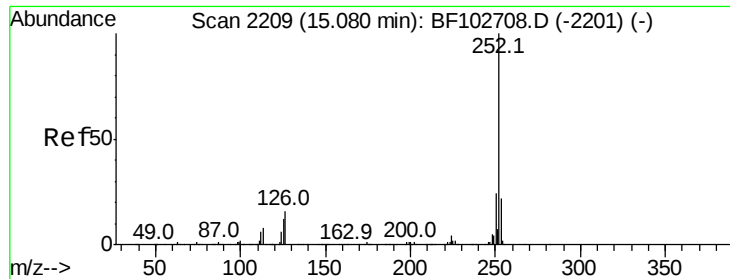
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. -0.00 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	22.8	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 46.314 ng

RT: 15.10 min Scan# 2212

Delta R.T. 0.01 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

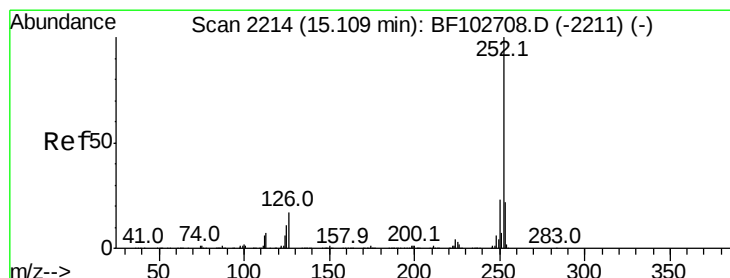
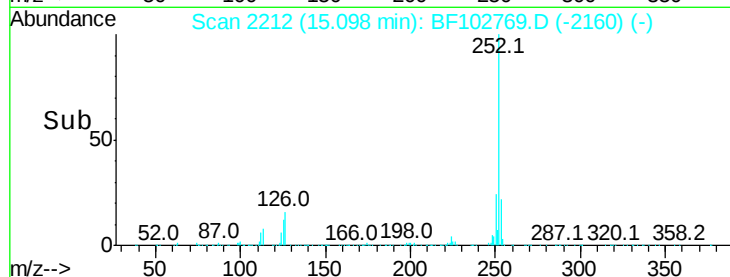
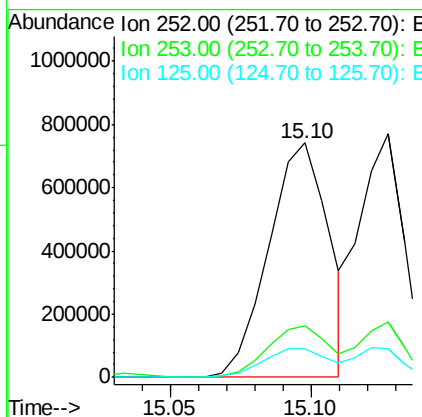
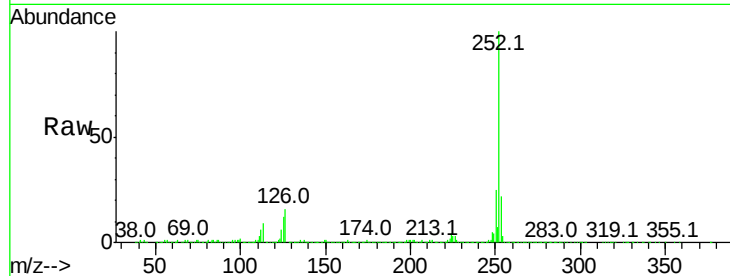
Instrument :
BNA_F

ClientSampleId :
8-SAN-5-EW(0-4)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	12.1	9.0	13.6

Manual Integrations
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2/6/2018 2:26:25 PM



#88

Benzo(k)fluoranthene

Concen: 37.374 ng

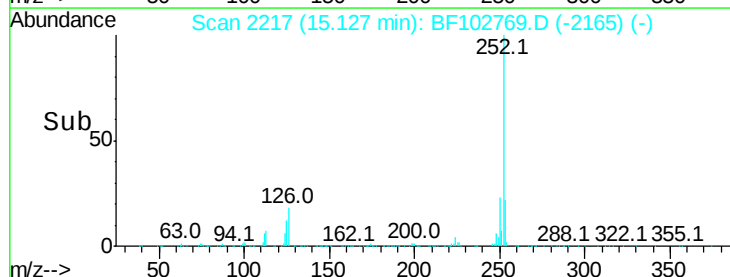
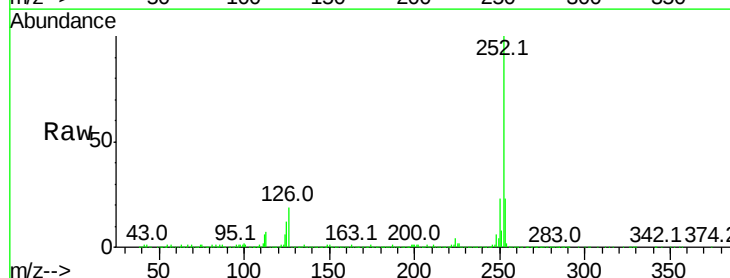
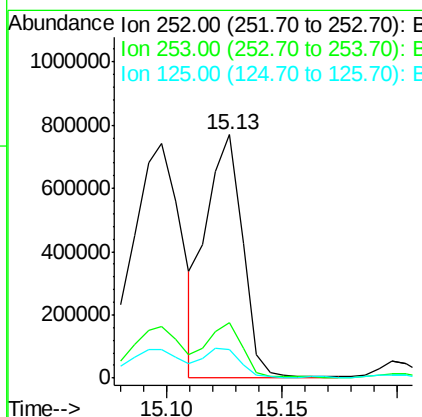
RT: 15.13 min Scan# 2217

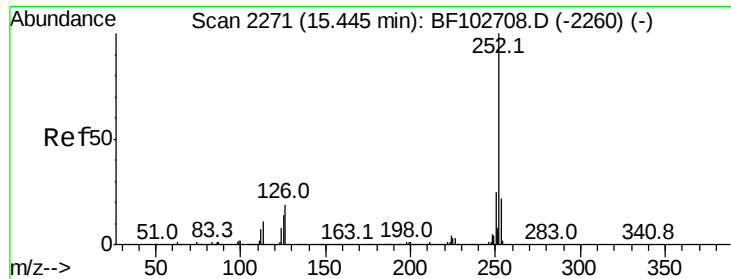
Delta R.T. 0.01 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	11.9	10.2	15.2





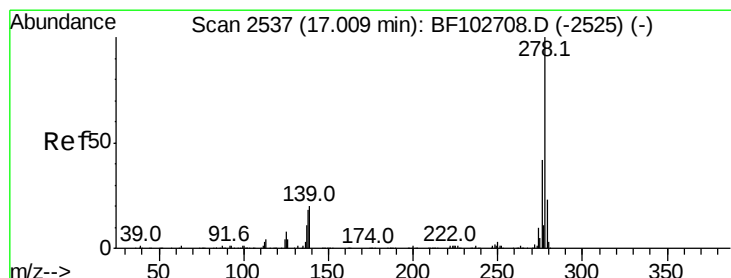
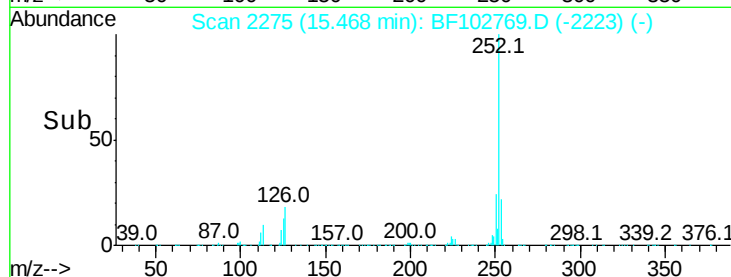
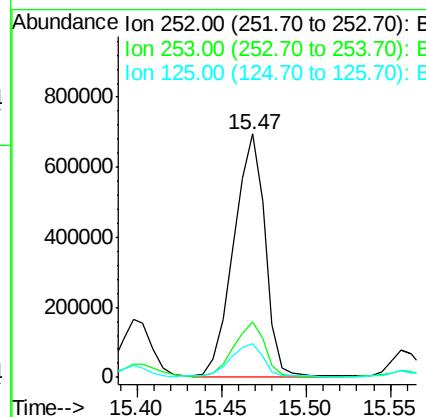
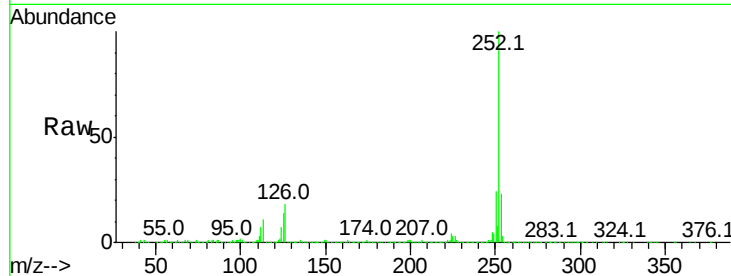
#89
Benzo(a)pyrene
Concen: 42.197 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

Instrument :
BNA_F
ClientSampleId :
8-SAN-5-EW(0-4)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	13.8	9.8	14.6

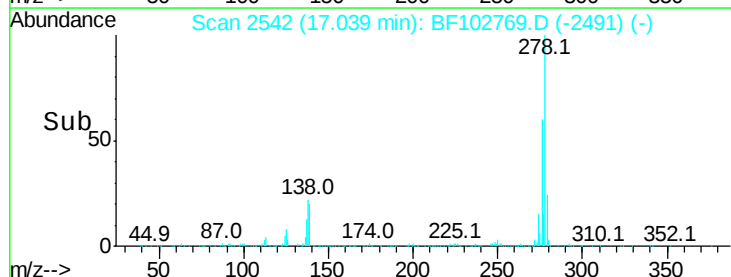
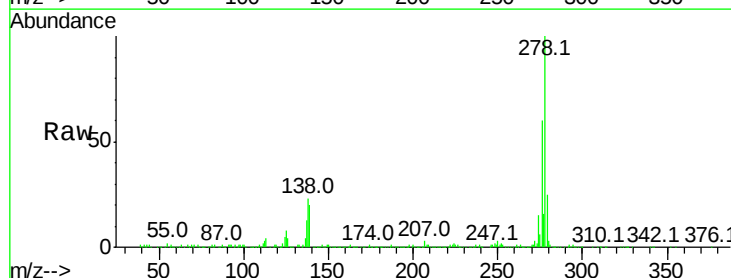
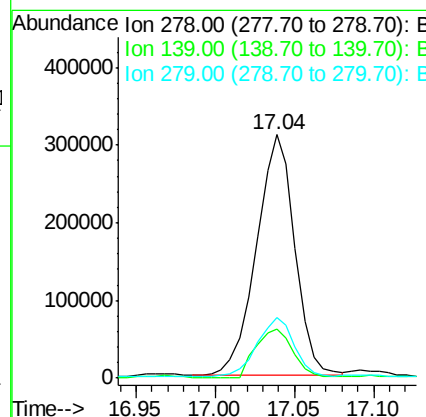
Manual Integrations
APPROVED

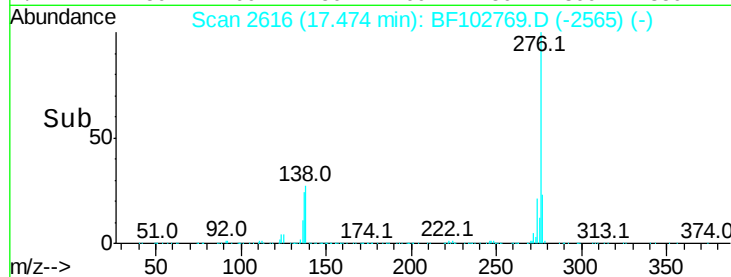
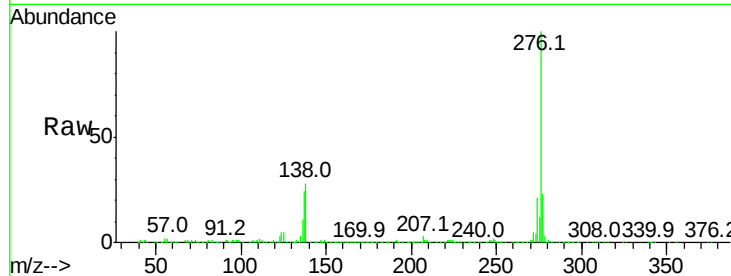
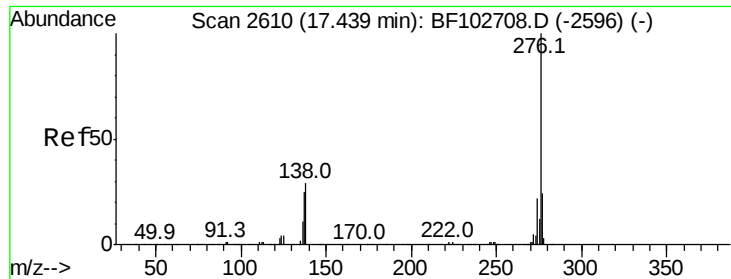
Sohil
2/6/2018 2:26:25 PM



#90
Dibenzo(a,h)anthracene
Concen: 30.436 ng
RT: 17.04 min Scan# 2542
Delta R.T. -0.00 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.1	15.9	23.9
279	24.7	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 35.477 ng

RT: 17.47 min Scan# 2616

Delta R.T. -0.00 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

Instrument :

BNA_F

ClientSampleId :

8-SAN-5-EW(0-4)MSD

Tot Ion	Ratio	Resp	Lower	Upper
276	100	597109		
277	23.2		17.9	26.9
138	27.5		21.8	32.8

Manual Integrations
APPROVED

Sohil
2/6/2018 2:26:25 PM

