

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080818\
 Data File : BF108024.D
 Acq On : 8 Aug 2018 17:21
 Operator : JU/SJ
 Sample : J3762-03
 Misc : MDL 2 PPM
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT3-2018

Manual Integrations
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Sohil
 8/9/2018 5:01:22 PM

Quant Time: Aug 09 06:58:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	139631	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	558911	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	297760	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	646710	20.00	ng	0.00
75) Chrysene-d12	14.21	240	570122	20.00	ng	-0.01
86) Perylene-d12	15.77	264	476430	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	1035767	134.30	ng	0.00
7) Phenol-d6	6.62	99	1375584	134.22	ng	0.00
23) Nitrobenzene-d5	7.57	82	841042	83.97	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	405286	136.46	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	1678468	90.50	ng	0.00
78) Terphenyl-d14	13.15	244	2123109	94.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.92	88	16757	4.228	ng	# 89
3) Pyridine	3.71	79	41614	4.076	ng	# 73
4) n-Nitrosodimethylamine	3.64	42	22863	3.980	ng	# 77
6) Aniline	6.67	93	35257	2.529	ng	95
8) 2-Chlorophenol	6.80	128	37809	4.353	ng	95
9) Benzaldehyde	6.57	77	31196	3.926	ng	95
10) Phenol	6.63	94	46603	4.396	ng	78
11) bis(2-Chloroethyl)ether	6.74	93	38450	4.486	ng	89
12) 1,3-Dichlorobenzene	6.95	146	46285	4.608	ng	97
13) 1,4-Dichlorobenzene	7.03	146	44958	4.455	ng	95
14) 1,2-Dichlorobenzene	7.18	146	42313	4.508	ng	98
15) Benzyl Alcohol	7.14	79	19810	2.296	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.28	45	75990	4.304	ng	97
17) 2-Methylphenol	7.24	107	32555	4.370	ng	96
18) Hexachloroethane	7.52	117	15359	4.275	ng	94
19) n-Nitroso-di-n-propylamine	7.41	70	30180	4.355	ng	91
20) 3+4-Methylphenols	7.40	107	42502	4.452	ng	95
22) Acetophenone	7.41	105	60531	4.632	ng	# 95
24) Nitrobenzene	7.59	77	47281	4.668	ng	96
25) Isophorone	7.82	82	79545	4.167	ng	95
26) 2-Nitrophenol	7.91	139	11699	3.059	ng	91
27) 2,4-Dimethylphenol	7.93	122	36096	4.260	ng	96
28) bis(2-Chloroethoxy)methane	8.03	93	48704	4.370	ng	# 98
29) 2,4-Dichlorophenol	8.14	162	30228	3.877	ng	98
30) 1,2,4-Trichlorobenzene	8.23	180	38340	4.460	ng	95
31) Naphthalene	8.32	128	124064	4.881	ng	98
32) Benzoic acid	7.96	122	6050m	7.052	ng	
33) 4-Chloroaniline	8.36	127	28713	2.592	ng	98
34) Hexachlorobutadiene	8.43	225	23414	4.302	ng	95
35) Caprolactam	8.68	113	8324	3.407	ng	# 72
36) 4-Chloro-3-methylphenol	8.82	107	33798	4.018	ng	98
37) 2-Methylnaphthalene	9.01	142	85028	4.728	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	39641	4.335	ng	98
40) Hexachlorocyclopentadiene	9.16	237	20619	3.491	ng	98

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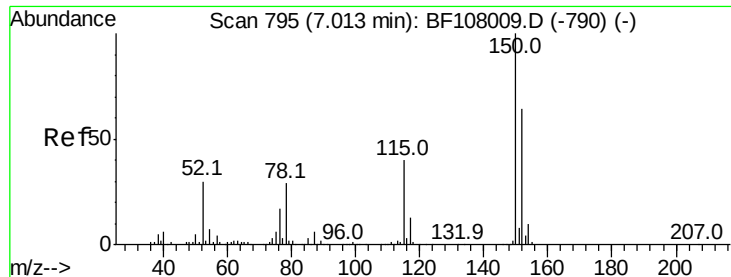
Manual Integrations
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 8/9/2018 5:01:22 PM

Quant Time: Aug 09 06:58:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	18865m	3.325	nq	
43) 2,4,5-Trichlorophenol	9.31	196	23144	3.705	nq	96
45) 1,1'-Biphenyl	9.47	154	108472	4.941	nq	97
46) 2-Chloronaphthalene	9.50	162	80380	4.632	nq	96
47) 2-Nitroaniline	9.59	65	20120	3.584	nq	88
48) Acenaphthylene	9.92	152	130659	4.763	nq	99
49) Dimethylphthalate	9.76	163	95603	4.609	nq	# 99
50) 2,6-Dinitrotoluene	9.83	165	16169	3.726	nq	93
51) Acenaphthene	10.09	154	78635	4.680	nq	97
52) 3-Nitroaniline	10.00	138	15922	3.353	nq	99
53) 2,4-Dinitrophenol	10.10	184	2191	8.251	nq	# 1
54) Dibenzofuran	10.27	168	120136	4.935	nq	98
55) 4-Nitrophenol	10.14	139	10444	2.905	nq	81
56) 2,4-Dinitrotoluene	10.23	165	19540	3.498	nq	# 89
57) Fluorene	10.61	166	96591	5.013	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.38	232	17501	3.352	nq	# 88
59) Diethylphthalate	10.47	149	93455	4.653	nq	100
60) 4-Chlorophenyl-phenylether	10.60	204	50012	4.981	nq	# 87
61) 4-Nitroaniline	10.61	138	18323	3.903	nq	92
62) Azobenzene	10.76	77	98607	4.754	nq	93
64) 4,6-Dinitro-2-methylphenol	10.64	198	3607	6.678	nq	# 74
65) n-Nitrosodiphenylamine	10.71	169	84687	4.431	nq	95
66) 4-Bromophenyl-phenylether	11.10	248	30207	4.298	nq	# 82
67) Hexachlorobenzene	11.15	284	32576	4.405	nq	95
68) Atrazine	11.23	200	26027	4.060	nq	98
69) Pentachlorophenol	11.35	266	8076	2.282	nq	99
70) Phenanthrene	11.58	178	151507	4.967	nq	96
71) Anthracene	11.63	178	152774	4.887	nq	98
72) Carbazole	11.78	167	130126	4.685	nq	96
73) Di-n-butylphthalate	12.11	149	135309	4.301	nq	98
74) Fluoranthene	12.77	202	160859	4.832	nq	95
76) Benzidine	12.89	184	18981m	0.891	nq	
77) Pyrene	13.01	202	161908	4.486	nq	99
79) Butylbenzylphthalate	13.61	149	45969	3.207	nq	92
80) Benzo(a)anthracene	14.19	228	146380	4.474	nq	100
81) 3,3'-Dichlorobenzidine	14.15	252	23447	2.000	nq	95
82) Chrysene	14.23	228	144892	4.830	nq	96
83) Bis(2-ethylhexyl)phthalate	14.17	149	68926	3.551	nq	98
84) Di-n-octyl phthalate	14.79	149	98276	3.320	nq	# 93
85) Indeno(1,2,3-cd)pyrene	17.37	276	94254	3.626	nq	# 92
87) Benzo(b)fluoranthene	15.29	252	117219	4.117	nq	97
88) Benzo(k)fluoranthene	15.32	252	121229	4.632	nq	96
89) Benzo(a)pyrene	15.69	252	105831	4.151	nq	97
90) Dibenzo(a,h)anthracene	17.39	278	78139	3.705	nq	97
91) Benzo(g,h,i)perylene	17.86	276	75228	3.622	nq	97

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



#1

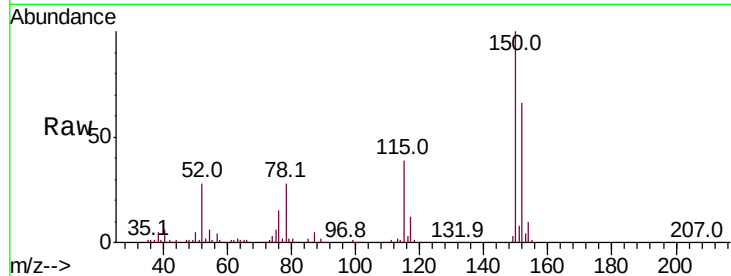
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108024.D
Acq: 8 Aug 2018 17:21

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.2	124.6	186.8
115	59.1	50.1	75.1

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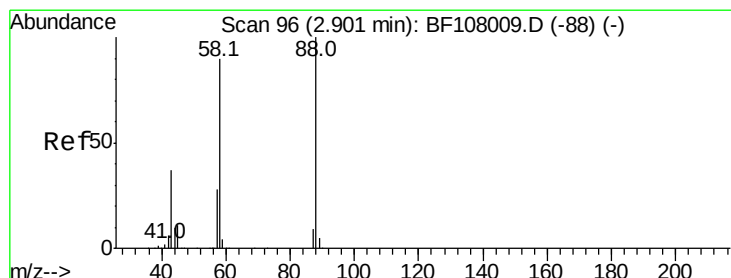
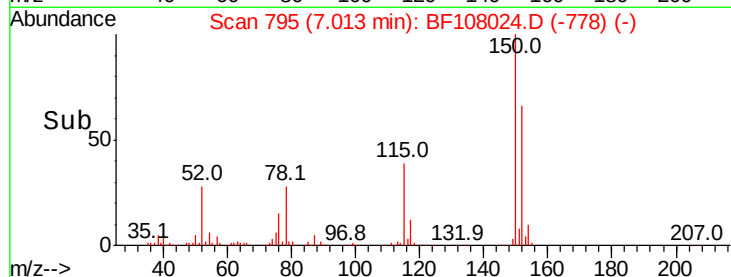
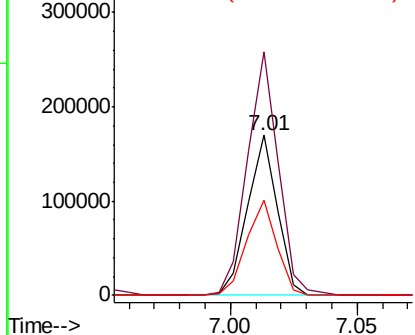


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 4.228 ng
RT: 2.92 min Scan# 99
Delta R.T. 0.02 min
Lab File: BF108024.D
Acq: 8 Aug 2018 17:21

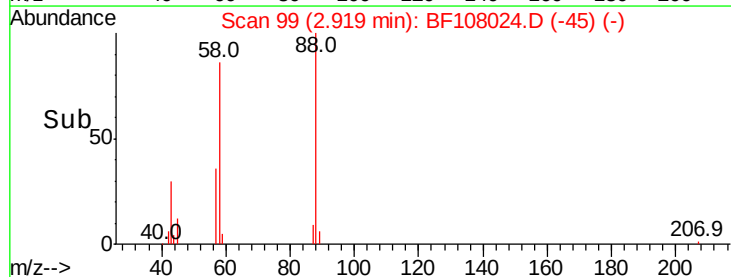
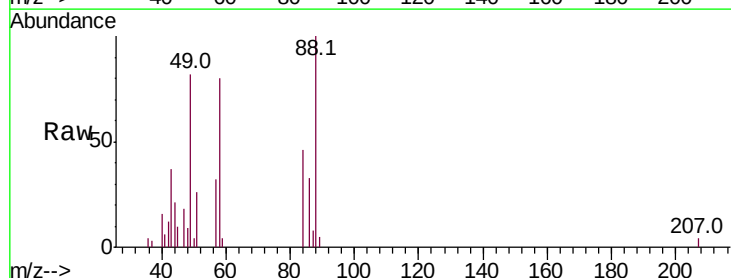
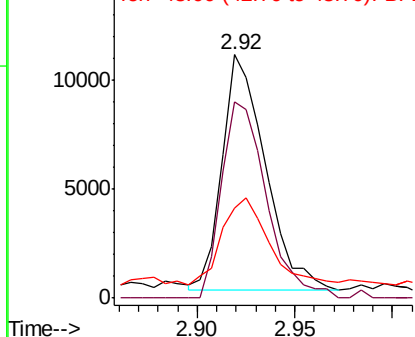
Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.9	62.6	93.8
43	39.8	24.6	37.0

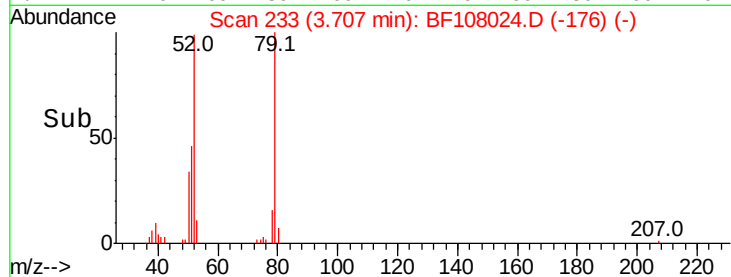
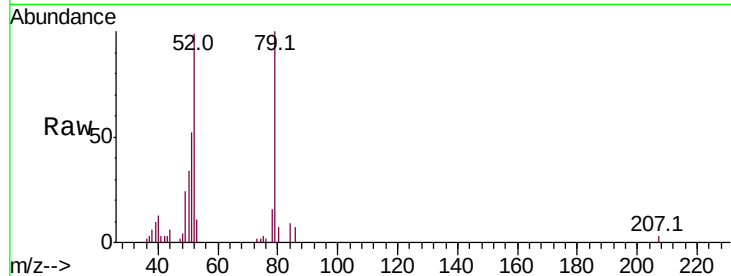
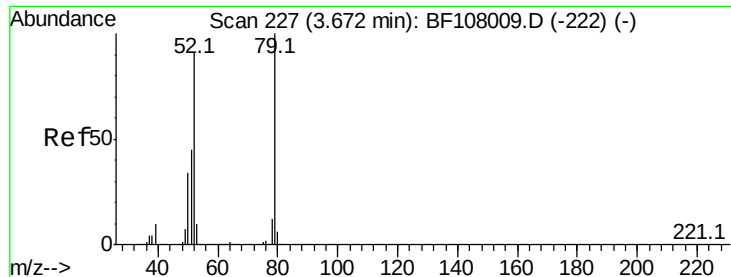
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





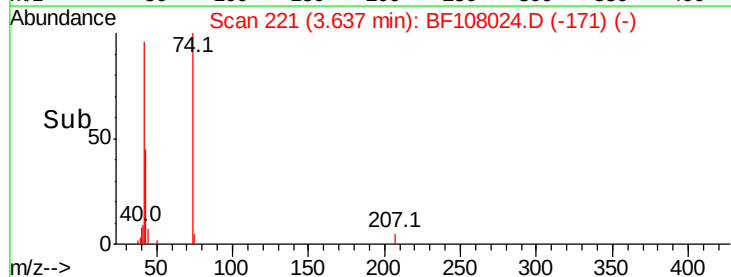
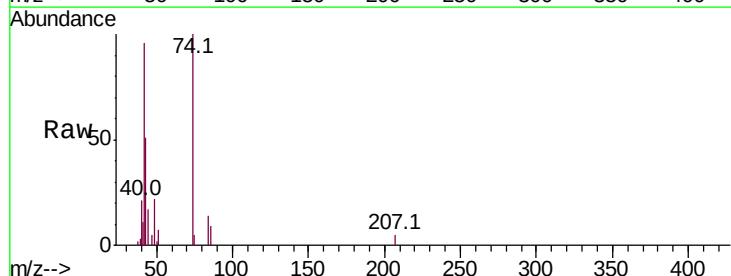
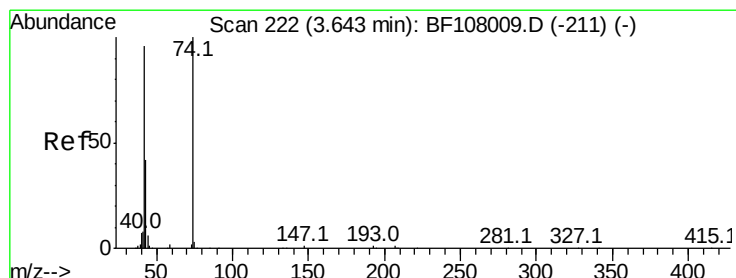
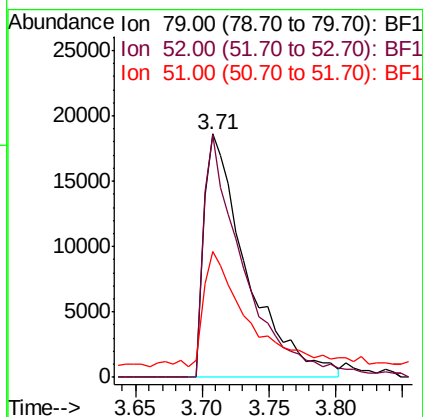
#3
Pvridine
Concen: 4.076 ng
RT: 3.71 min Scan# 233
Delta R.T. 0.04 min
Lab File: BF108024.D
Acq: 8 Aug 2018 17:21

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
52	99.4	59.8	89.6#	
51	51.6	29.8	44.8#	

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2018

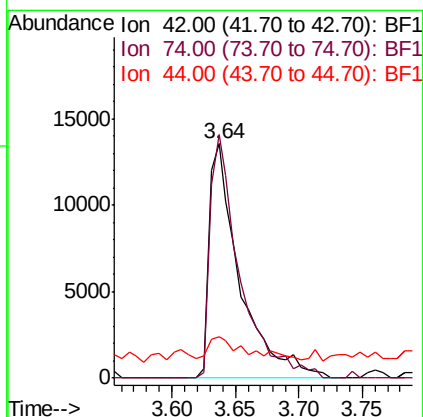
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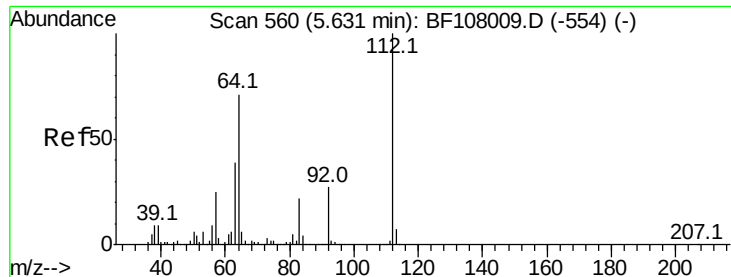
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#4
n-Nitrosodimethylamine
Concen: 3.980 ng
RT: 3.64 min Scan# 221
Delta R.T. -0.01 min
Lab File: BF108024.D
Acq: 8 Aug 2018 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
42	100			
74	104.0	104.9	157.3#	
44	17.5	6.9	10.3#	





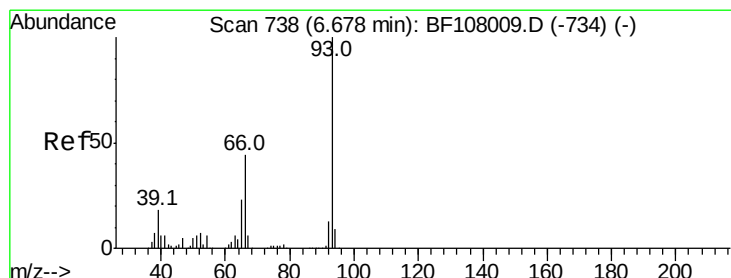
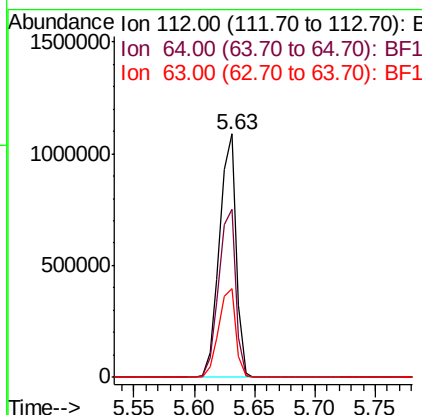
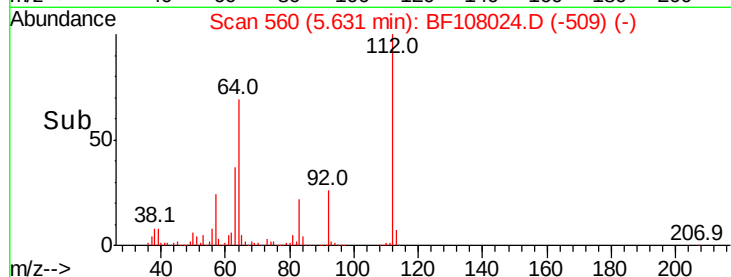
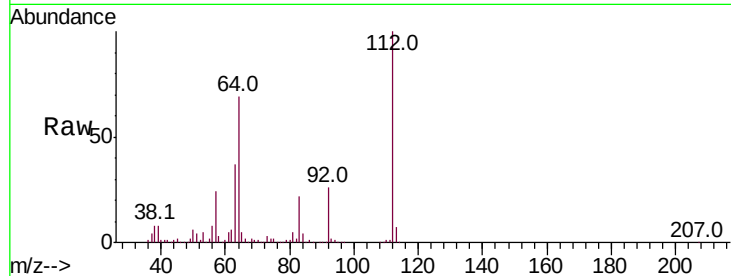
#5
2-Fluorophenol
Concen: 134.297 ng
RT: 5.63 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF108024.D
Acq: 8 Aug 2018 17:21

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
112	100	1035767		
64	69.2		47.9	71.9
63	36.5		23.7	35.5

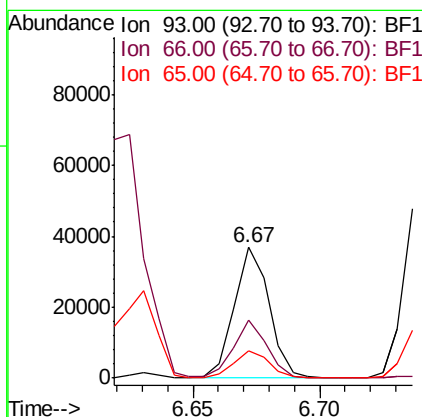
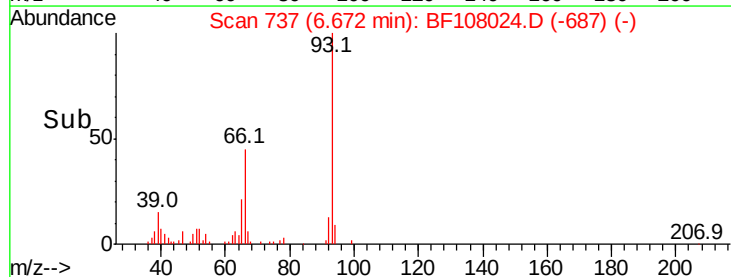
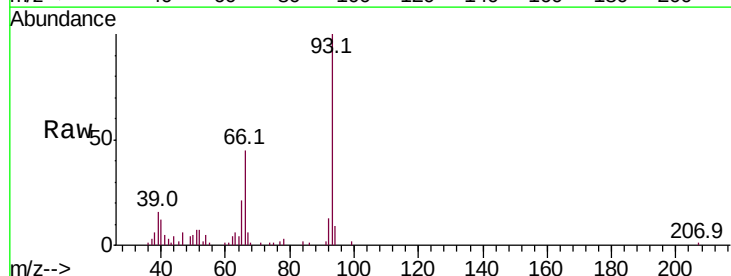
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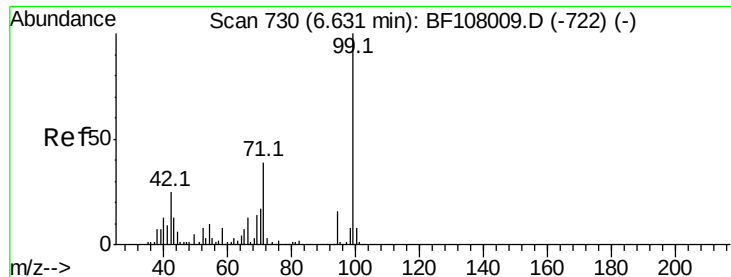
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#6
Aniline
Concen: 2.529 ng
RT: 6.67 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF108024.D
Acq: 8 Aug 2018 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	35257		
66	44.7		32.2	48.2
65	21.2		16.4	24.6





#7

Phenol-d6

Concen: 134.218 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108024.D

Acq: 8 Aug 2018 17:21

Instrument :

BNA_F

ClientSampleId :

MDL-SOIL-03-QT3-2018

Tot Ion: 99 Resp: 1375584

Ion Ratio Lower Upper

99 100

42 24.3 14.5 21.7#

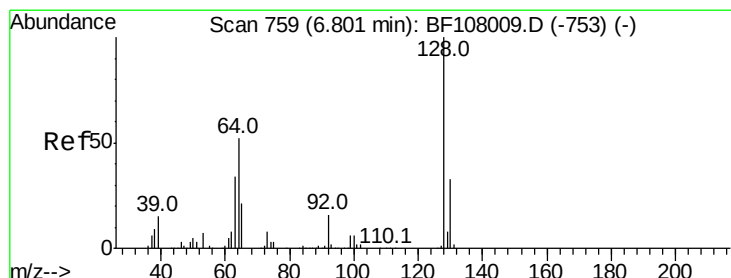
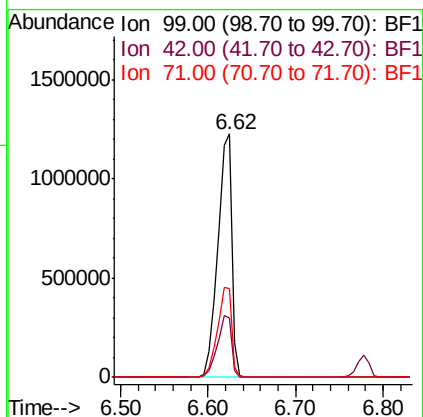
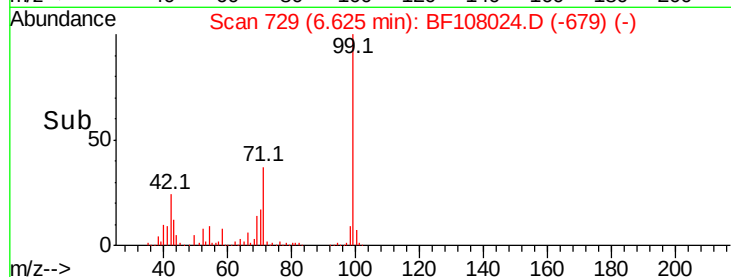
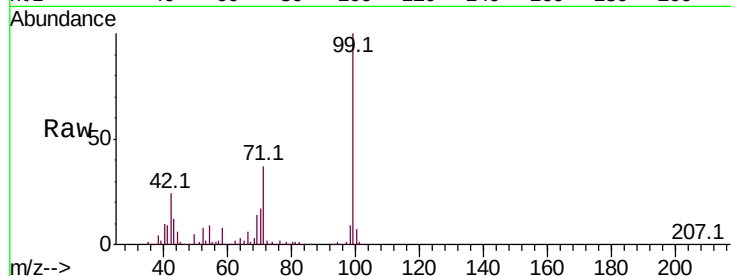
71 36.5 25.4 38.0

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#8

2-Chlorophenol

Concen: 4.353 ng

RT: 6.80 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF108024.D

Acq: 8 Aug 2018 17:21

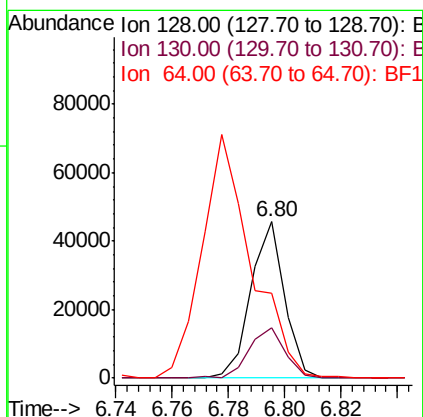
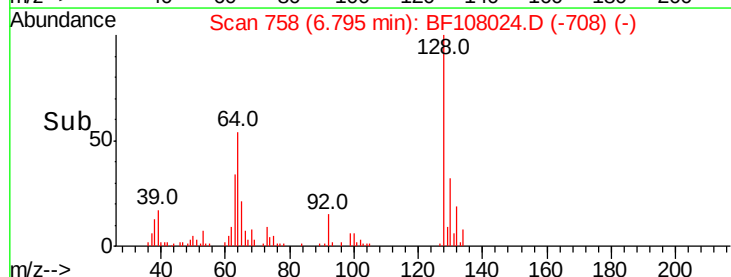
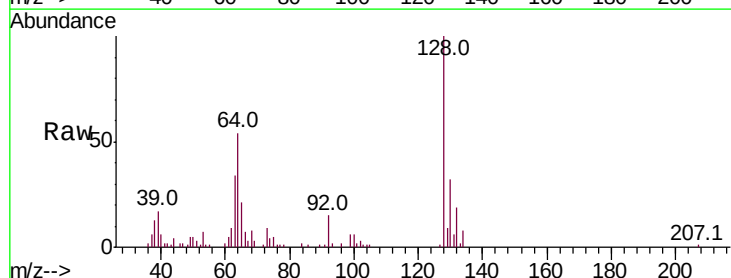
Tgt Ion: 128 Resp: 37809

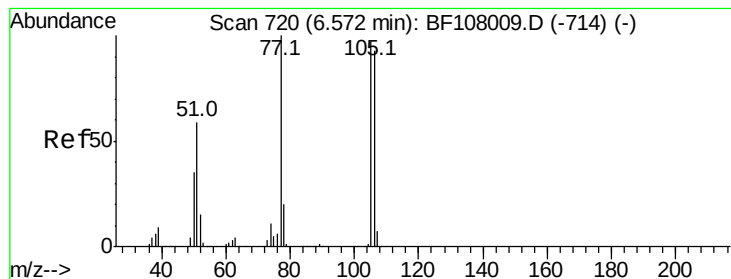
Ion Ratio Lower Upper

128 100

130 32.1 13.0 53.0

64 54.2 29.4 69.4





#9

Benzaldehyde

Concen: 3.926 ng

RT: 6.57 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF108024.D

Acq: 8 Aug 2018 17:21

Instrument :

BNA_F

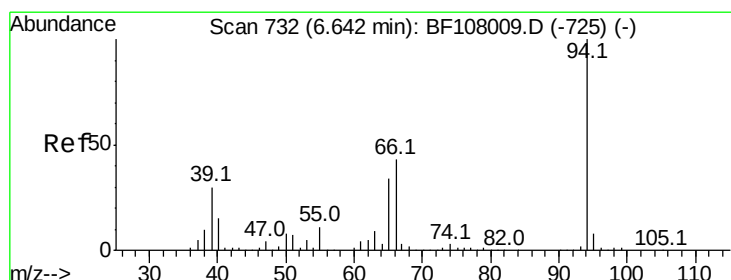
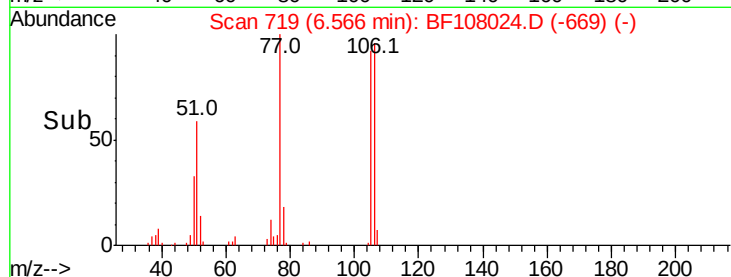
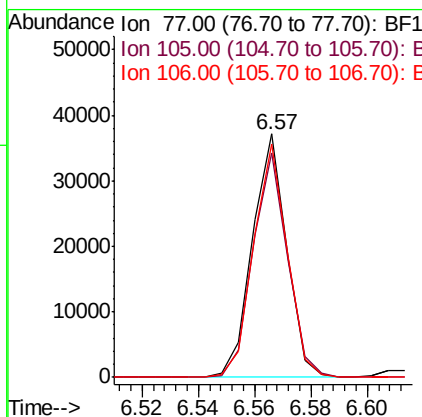
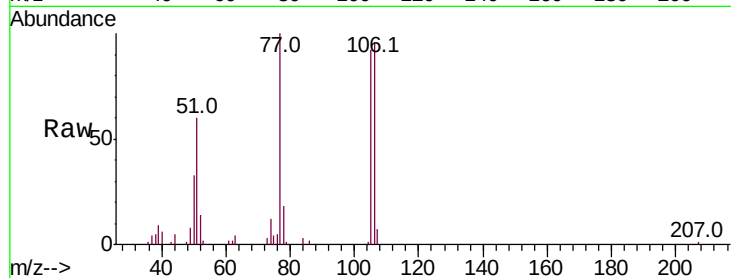
ClientSampleId :

MDL-SOIL-03-QT3-2018

Tot Ion:	77	Resp:	31196
Ion	Ratio	Lower	Upper
77	100		
105	92.1	81.1	121.1
106	95.8	74.5	114.5

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#10

Phenol

Concen: 4.396 ng

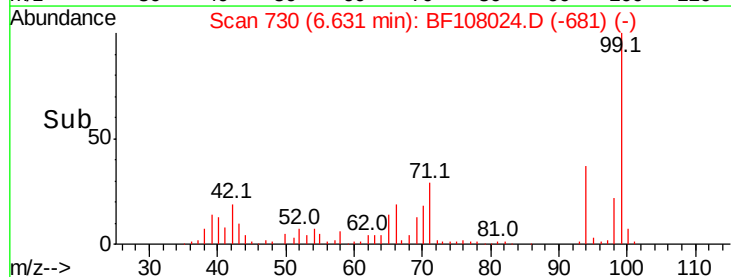
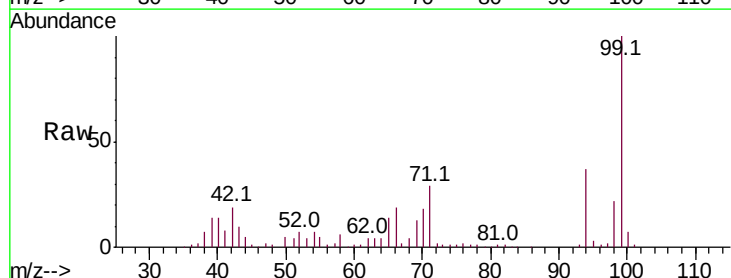
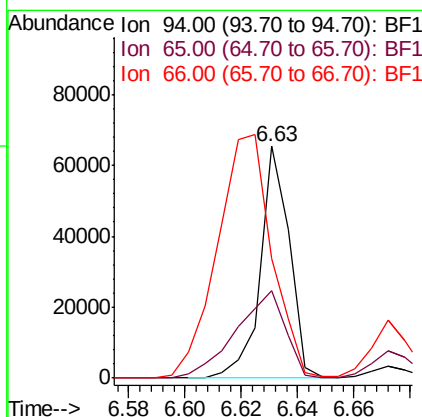
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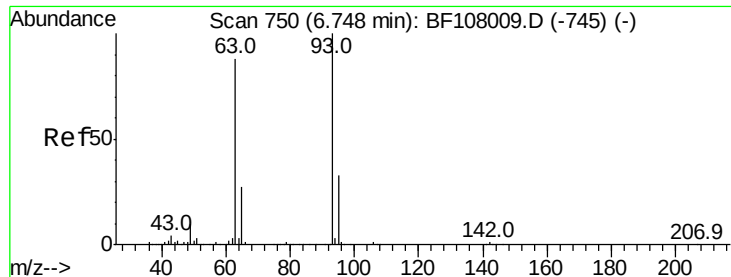
Delta R.T. -0.01 min

Lab File: BF108024.D

Acq: 8 Aug 2018 17:21

Tgt Ion:	94	Resp:	46603
Ion	Ratio	Lower	Upper
94	100		
65	37.5	7.9	47.9
66	51.3	16.2	56.2





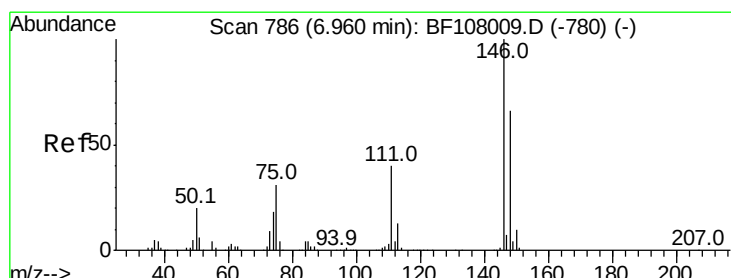
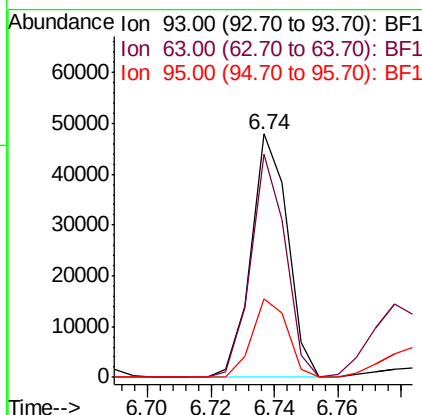
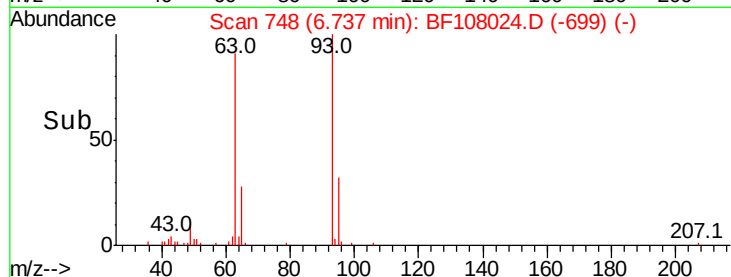
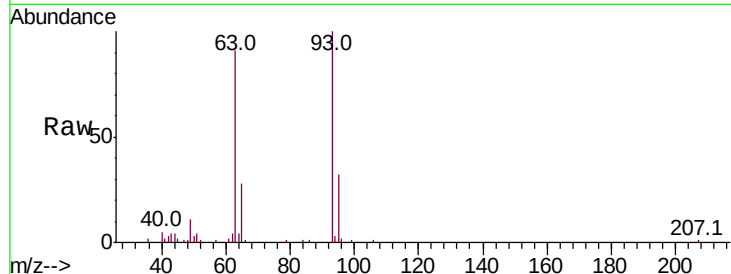
#11
bis(2-Chloroethyl)ether
Concen: 4.486 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF108024.D
Acq: 8 Aug 2018 17:21

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2018

Tot Ion	93	Resp:	38450
Ion Ratio	100	Lower	Upper
93	100		
63	91.5	58.6	98.6
95	32.4	11.8	51.8

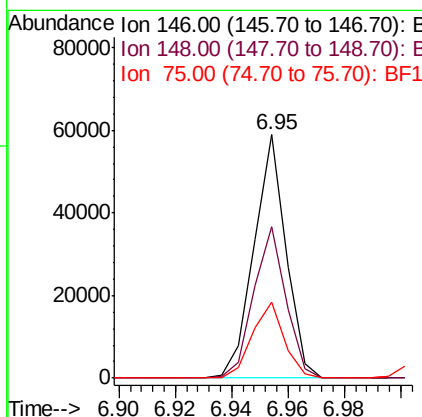
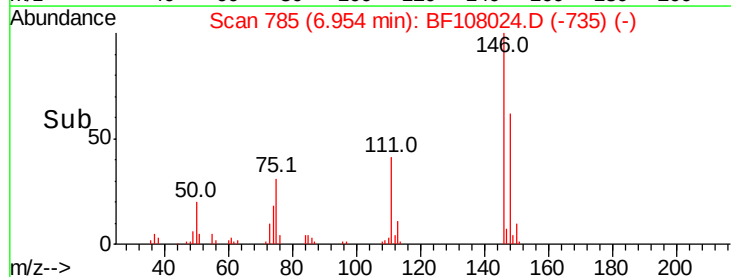
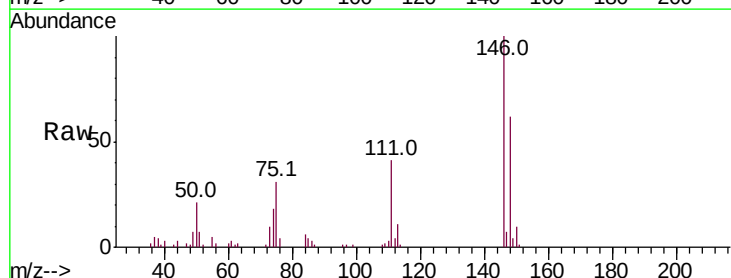
Manual Integrations
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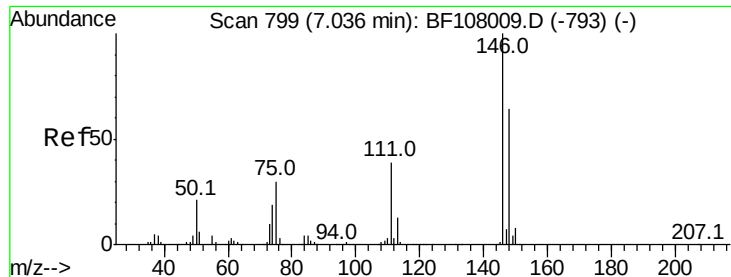
Sohil
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#12
1,3-Dichlorobenzene
Concen: 4.608 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF108024.D
Acq: 8 Aug 2018 17:21

Tgt Ion	146	Resp:	46285
Ion Ratio	100	Lower	Upper
146	100		
148	62.2	51.8	77.8
75	31.3	24.2	36.4





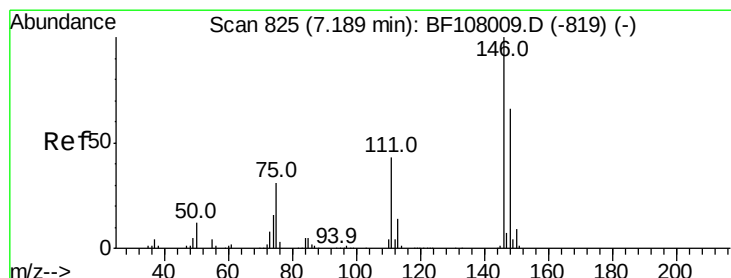
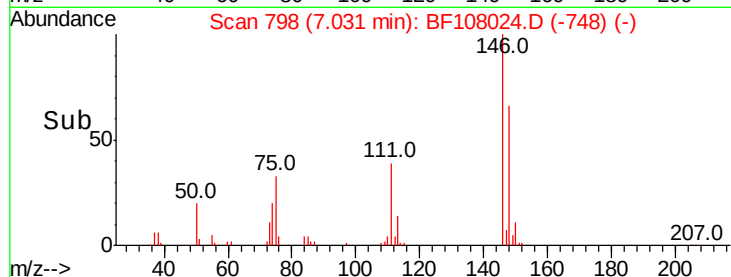
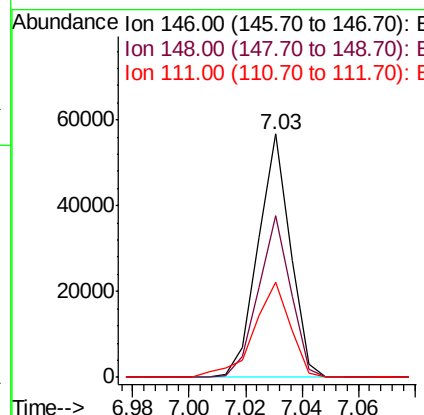
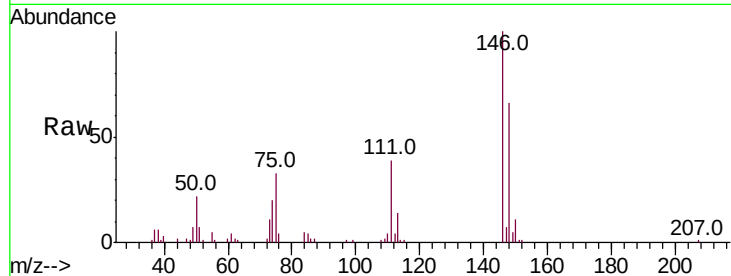
#13
 1,4-Dichlorobenzene
 Concen: 4.455 ng
 RT: 7.03 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF108024.D
 Acq: 8 Aug 2018 17:21

Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.5	50.8	76.2
111	38.9	34.2	51.2

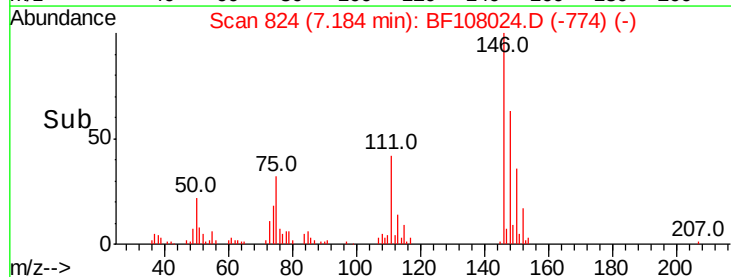
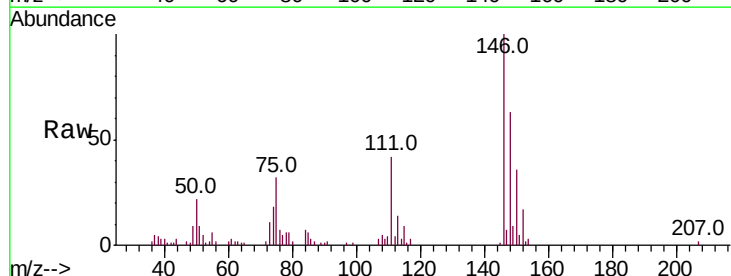
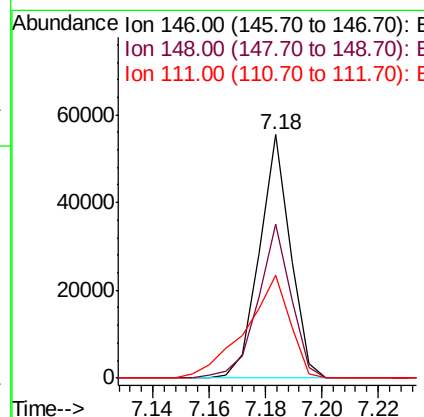
Manual Integrations
 APPROVED

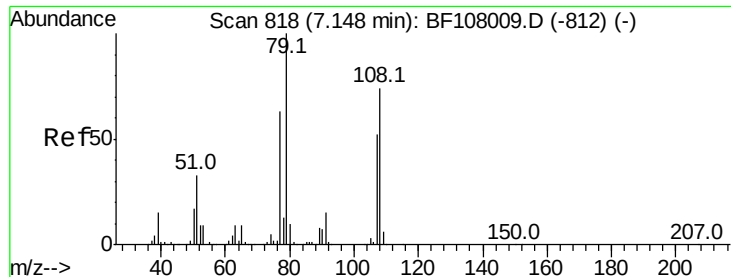
Sohil
 8/9/2018 5:01:22 PM



#14
 1,2-Dichlorobenzene
 Concen: 4.508 ng
 RT: 7.18 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF108024.D
 Acq: 8 Aug 2018 17:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.6	75.8
111	42.2	36.0	54.0





#15

Benzyl Alcohol

Concen: 2.296 ng

RT: 7.14 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF108024.D

Acq: 8 Aug 2018 17:21

Instrument :

BNA_F

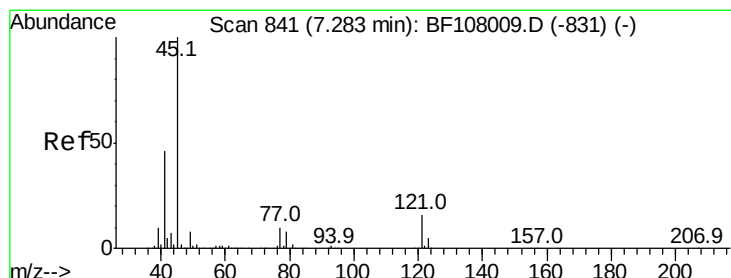
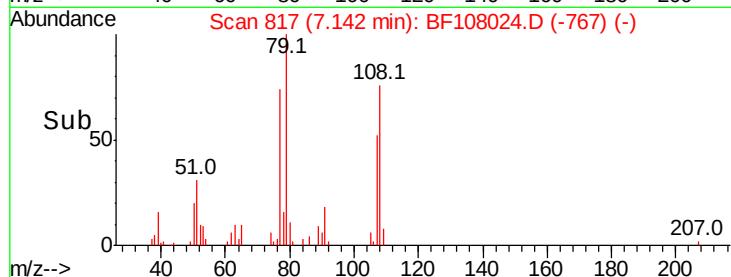
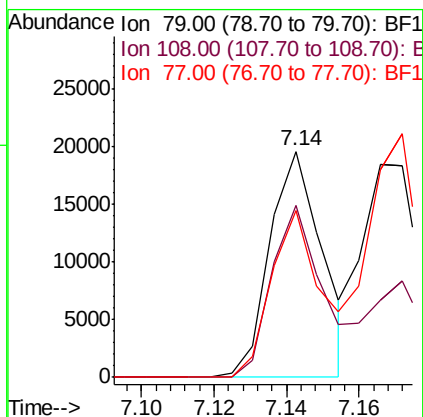
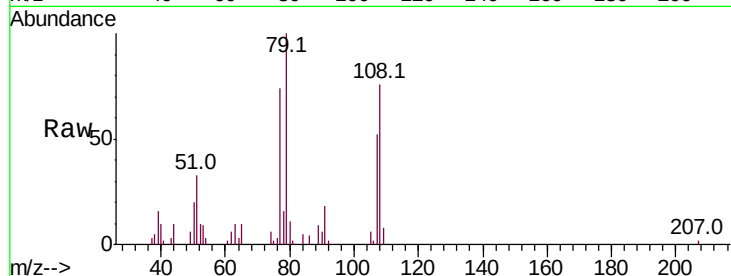
ClientSampleId :

MDL-SOIL-03-QT3-2018

Tot Ion:	79	Resp:	19810
Ion Ratio	Lower	Upper	
79	100		
108	76.2	65.1	97.7
77	73.8	50.6	75.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 4.304 ng

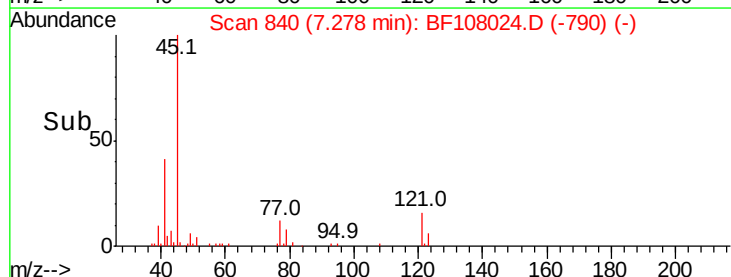
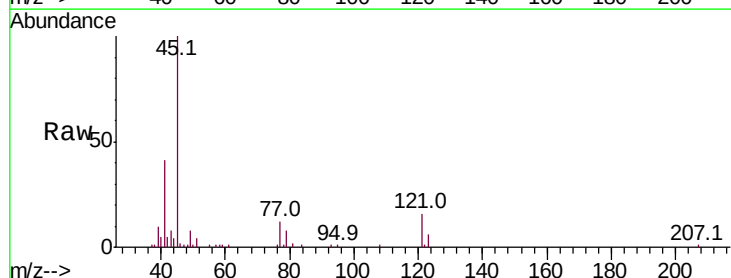
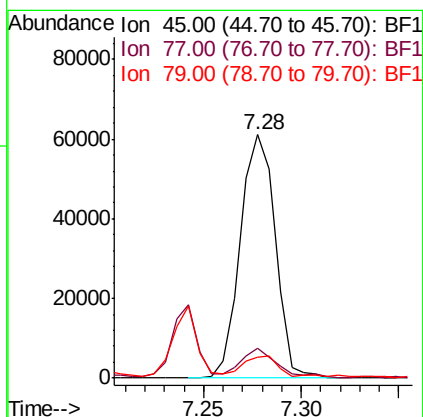
RT: 7.28 min Scan# 840

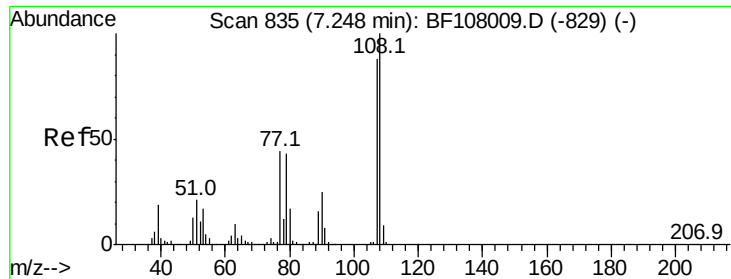
Delta R.T. -0.01 min

Lab File: BF108024.D

Acq: 8 Aug 2018 17:21

Tgt Ion:	45	Resp:	75990
Ion Ratio	Lower	Upper	
45	100		
77	12.0	0.0	32.9
79	8.4	0.0	29.6





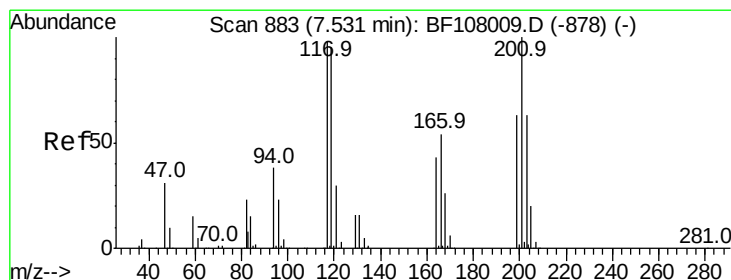
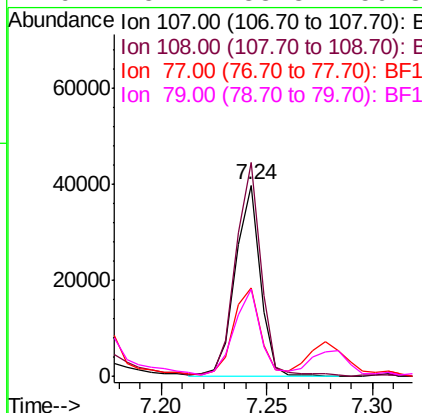
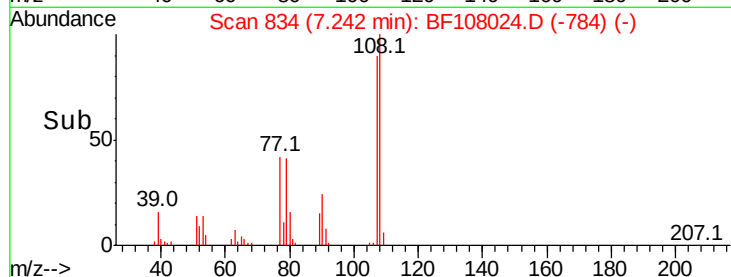
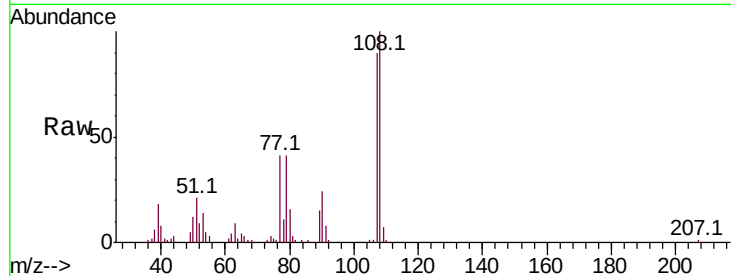
#17
2-Methylphenol
Concen: 4.370 ng
RT: 7.24 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF108024.D
Acq: 8 Aug 2018 17:21

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.7	91.7	137.5	
77	46.2	33.8	50.8	
79	45.7	33.8	50.8	

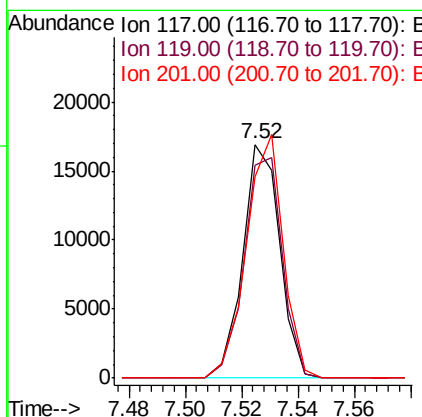
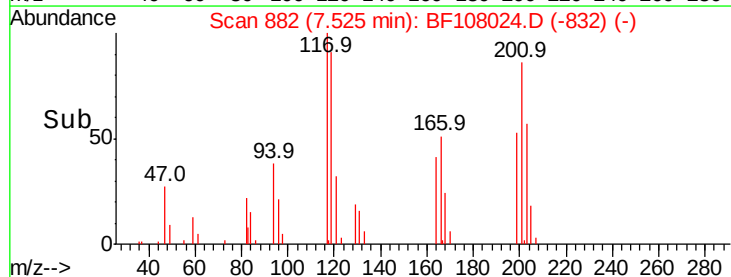
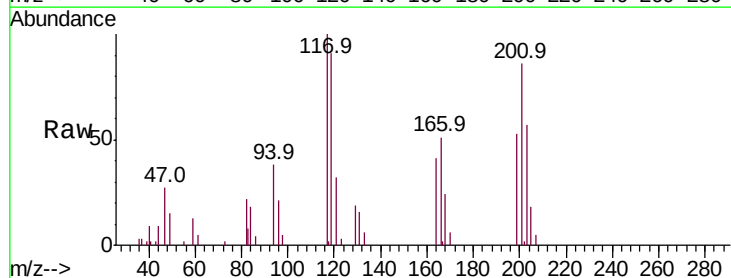
Manual Integrations
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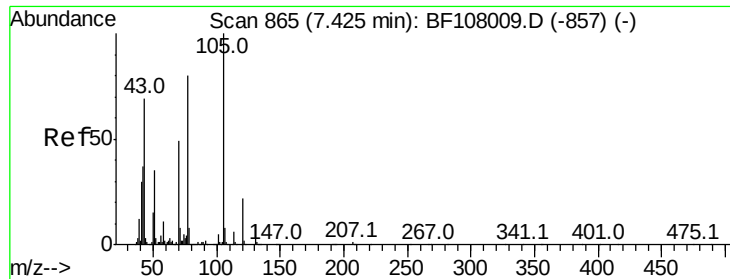
Sohil
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#18
Hexachloroethane
Concen: 4.275 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF108024.D
Acq: 8 Aug 2018 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	91.2	75.8	113.8	
201	86.1	75.7	113.5	





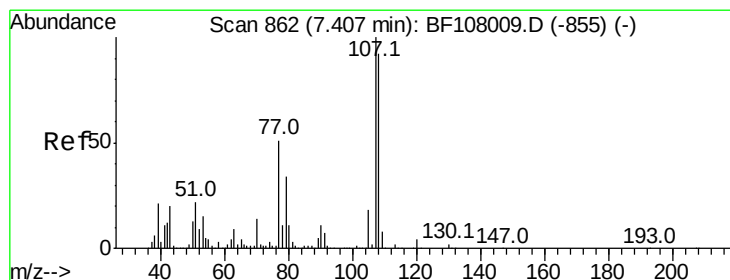
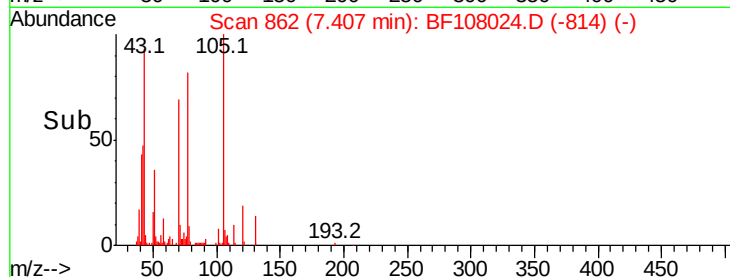
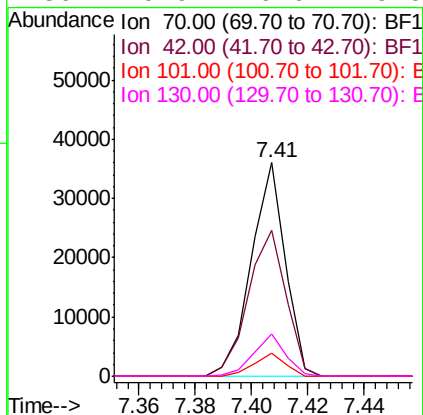
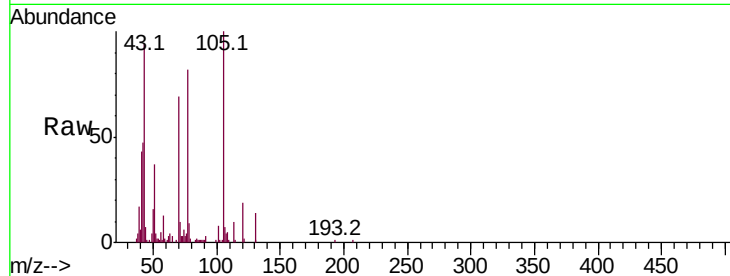
#19
n-Nitroso-di-n-propylamine
Concen: 4.355 ng
RT: 7.41 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF108024.D
Acq: 8 Aug 2018 17:21

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2018

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	68.3	47.5	71.3	
101	10.9	7.4	11.2	
130	19.9	16.6	25.0	

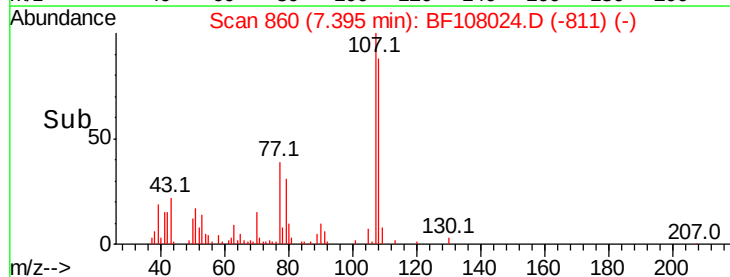
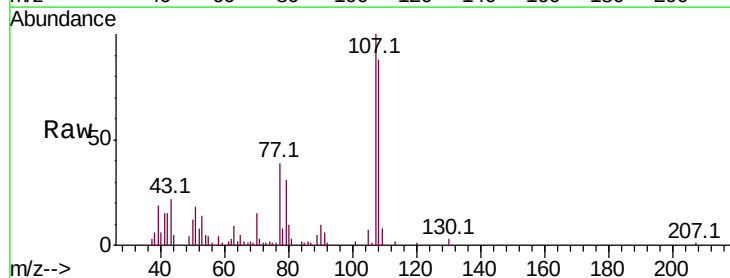
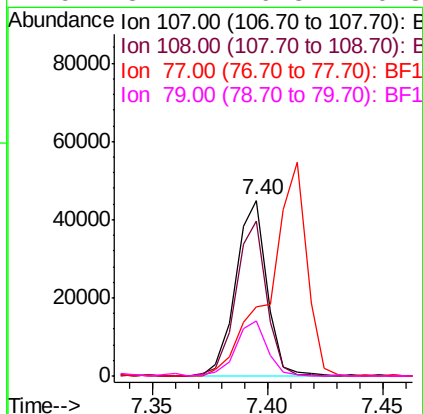
Manual Integrations
APPROVED

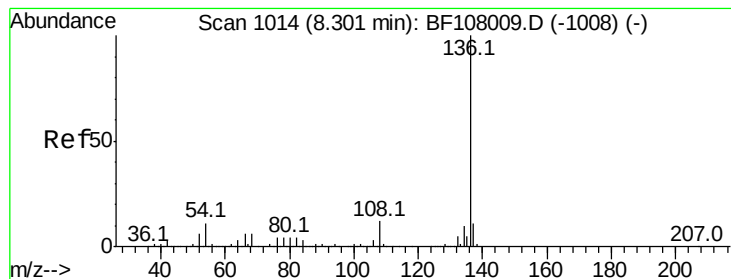
Sohil
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#20
3+4-Methylphenols
Concen: 4.452 ng
RT: 7.40 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF108024.D
Acq: 8 Aug 2018 17:21

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.5	68.2	108.2	
77	39.3	26.7	66.7	
79	31.1	6.3	46.3	





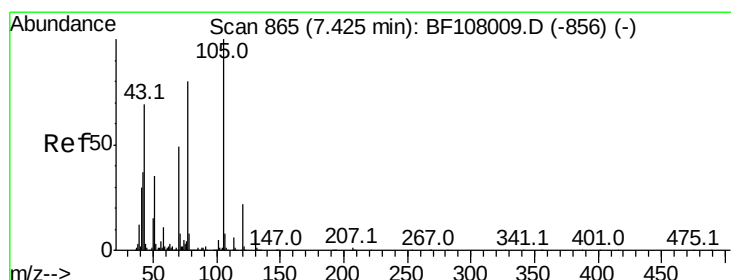
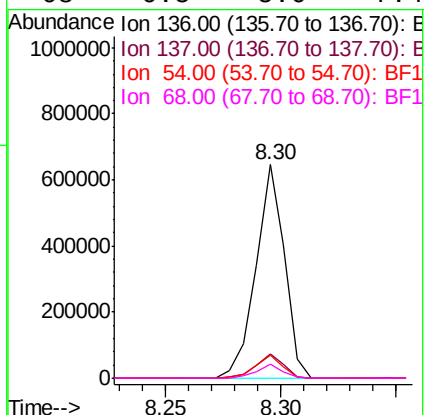
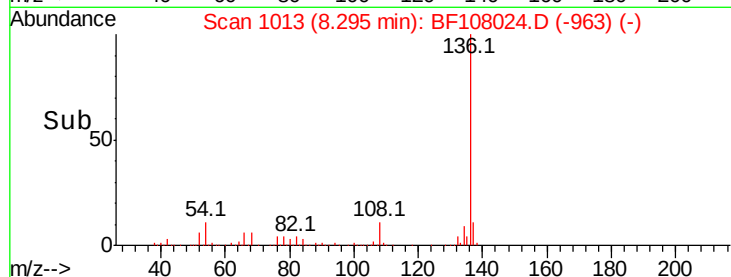
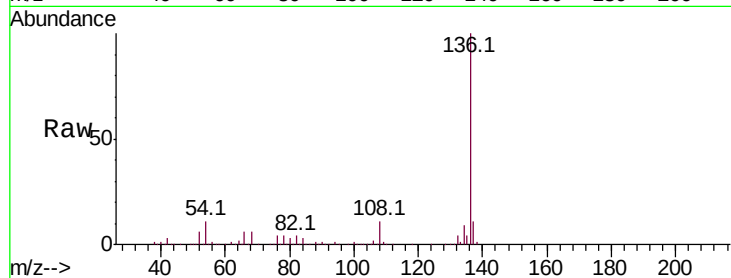
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF108024.D
Acq: 8 Aug 2018 17:21

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2018

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.5	8.9	13.3
54	10.8	6.6	9.8#
68	6.5	5.0	7.4

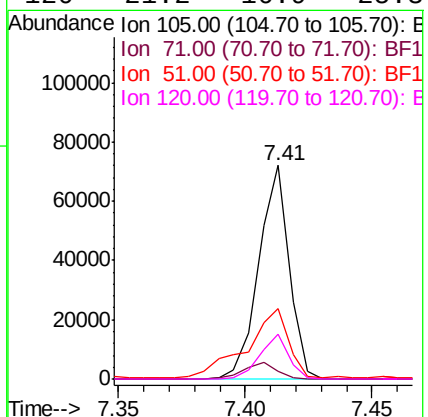
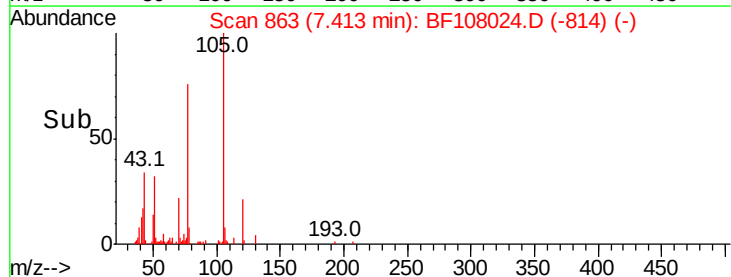
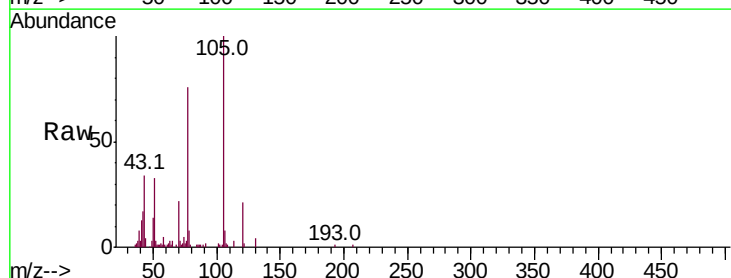
Manual Integrations
APPROVED

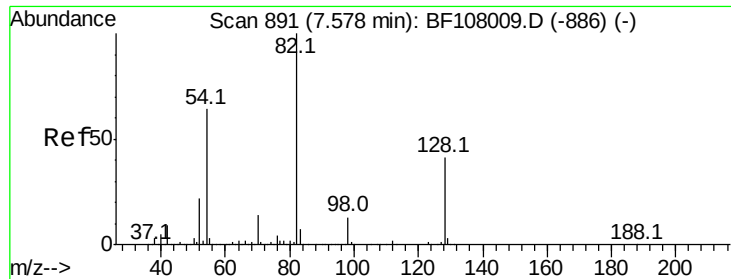
Sohil
8/9/2018 5:01:22 PM



#22
Acetophenone
Concen: 4.632 ng
RT: 7.41 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF108024.D
Acq: 8 Aug 2018 17:21

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	3.4	4.4	6.6#
51	32.8	22.3	33.5
120	21.2	16.9	25.3





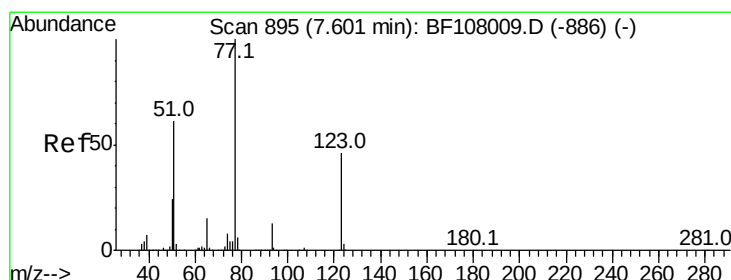
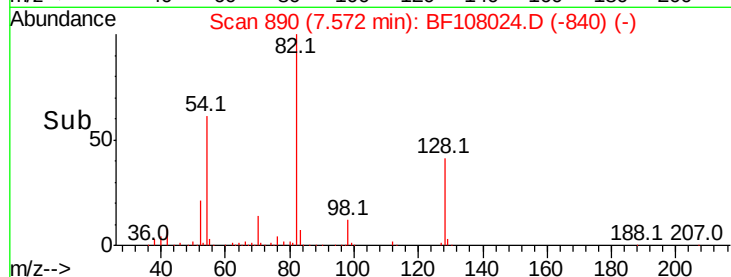
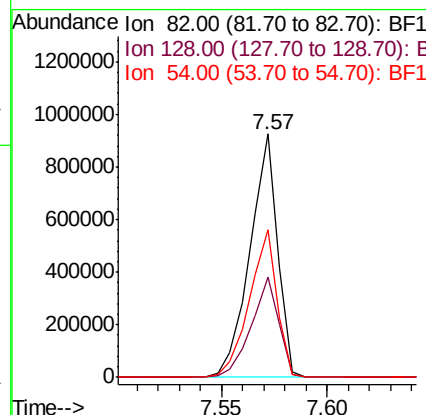
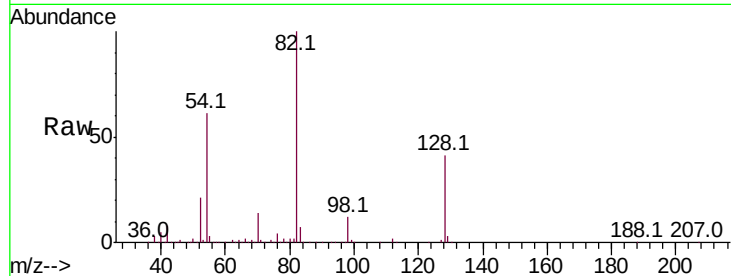
#23
 Nitrobenzene-d5
 Concen: 83.969 ng
 RT: 7.57 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BF108024.D
 Acq: 8 Aug 2018 17:21

Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.1	36.1	54.1
54	60.9	41.4	62.2

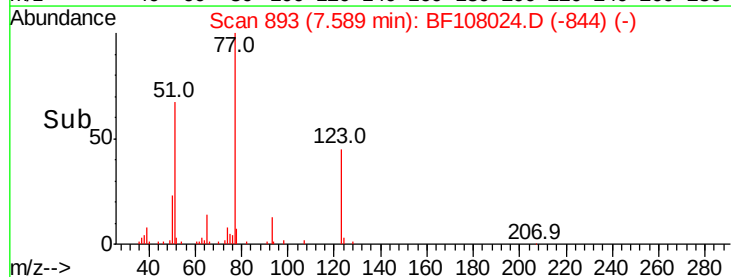
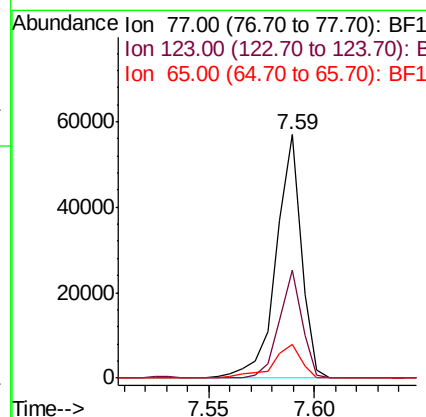
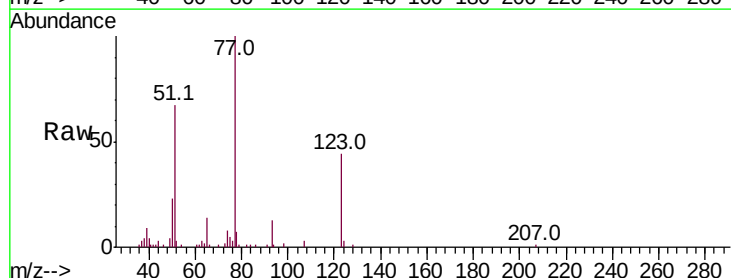
Manual Integrations
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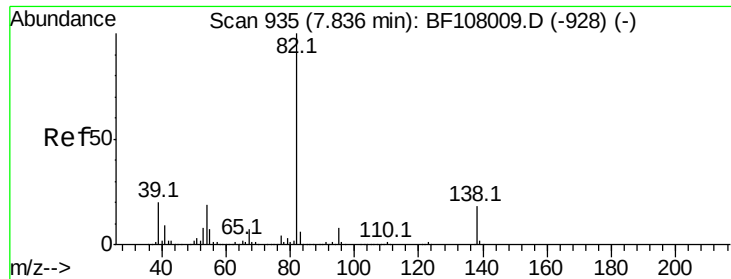
Sohil
 8/9/2018 5:01:22 PM



#24
 Nitrobenzene
 Concen: 4.668 ng
 RT: 7.59 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BF108024.D
 Acq: 8 Aug 2018 17:21

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.3	37.9	56.9
65	13.6	11.0	16.4





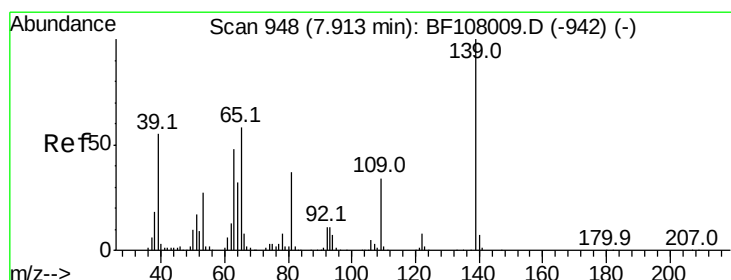
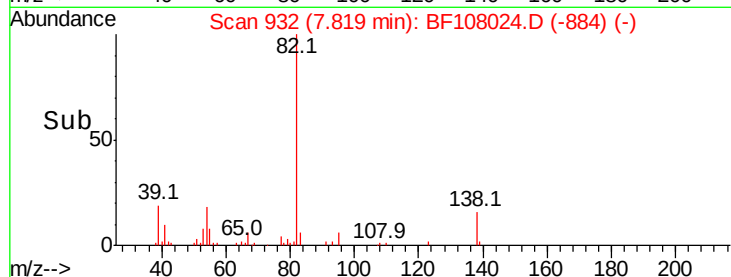
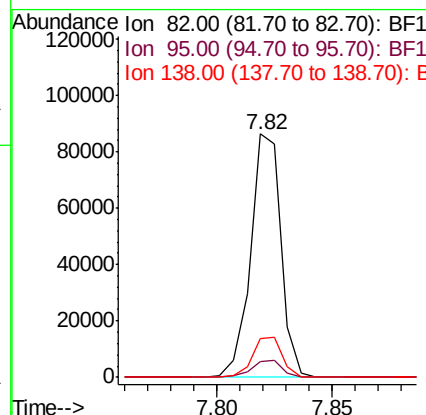
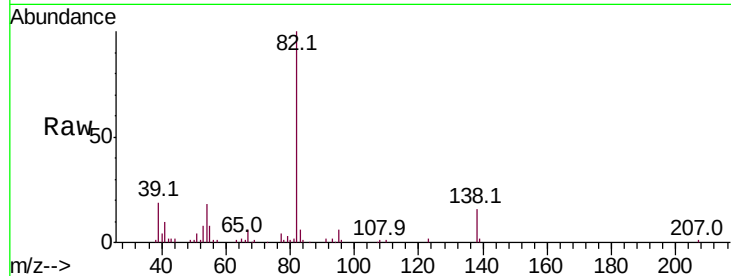
#25
Isophorone
Concen: 4.167 ng
RT: 7.82 min Scan# 932
Delta R.T. -0.02 min
Lab File: BF108024.D
Acq: 8 Aug 2018 17:21

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.4	5.2	7.8	
138	15.8	14.9	22.3	

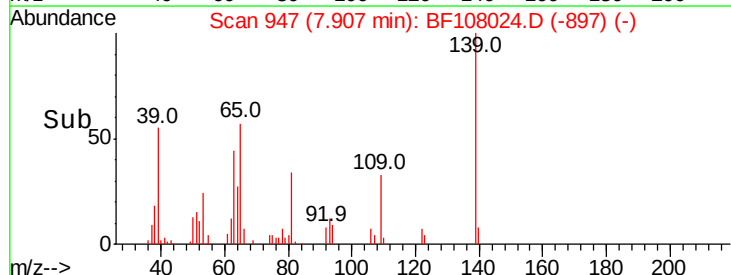
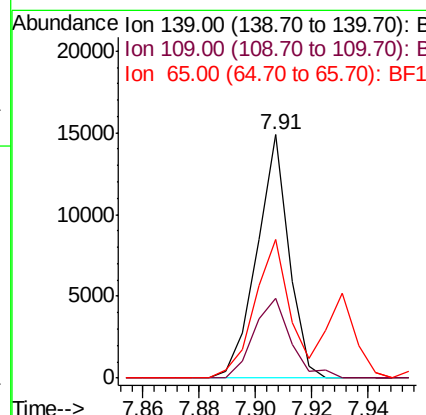
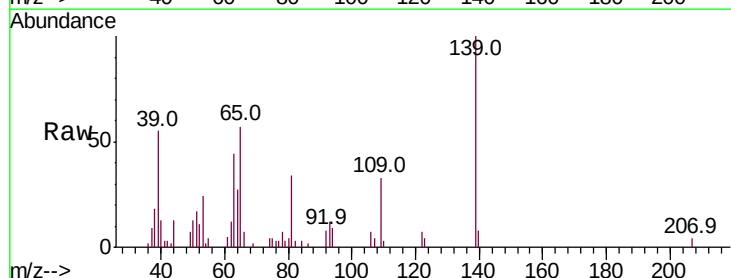
Manual Integrations
APPROVED

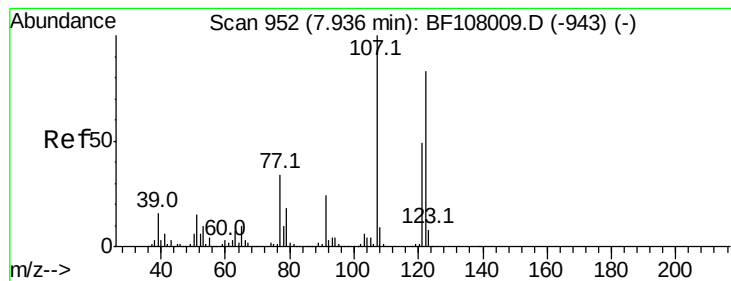
Sohil
8/9/2018 5:01:22 PM



#26
2-Nitrophenol
Concen: 3.059 ng
RT: 7.91 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF108024.D
Acq: 8 Aug 2018 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	32.8	22.7	34.1	
65	56.9	40.5	60.7	





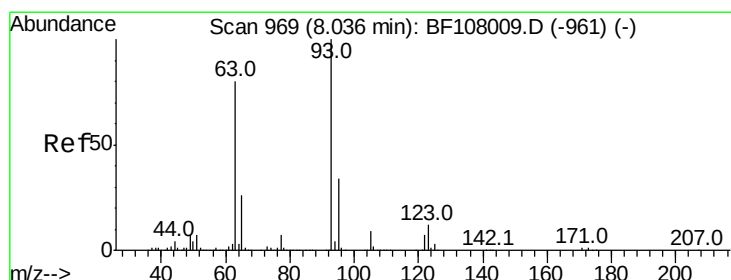
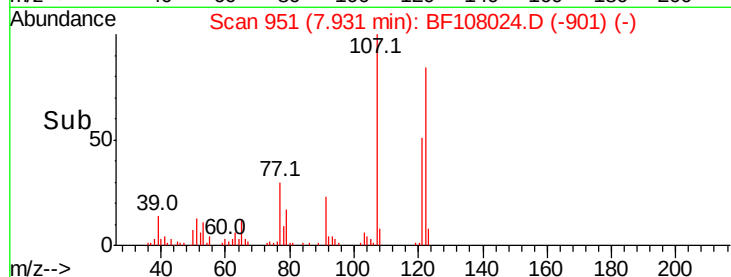
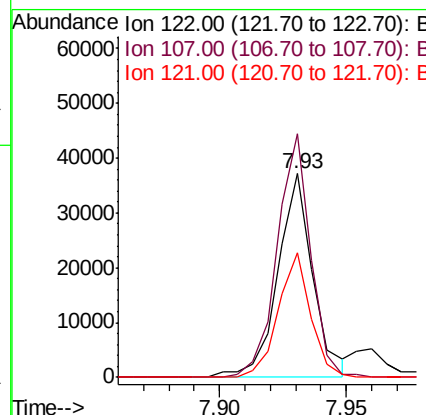
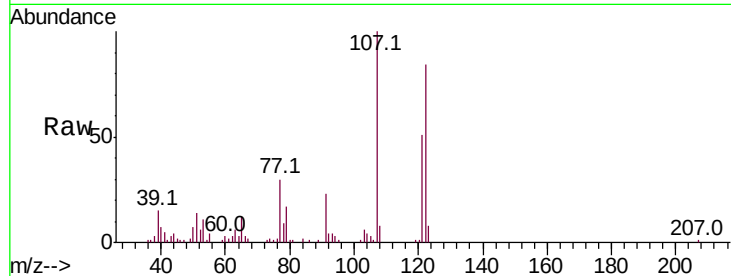
#27
 2,4-Dimethylphenol
 Concen: 4.260 ng
 RT: 7.93 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF108024.D
 Acq: 8 Aug 2018 17:21

Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.5	91.2	136.8
121	61.1	47.2	70.8

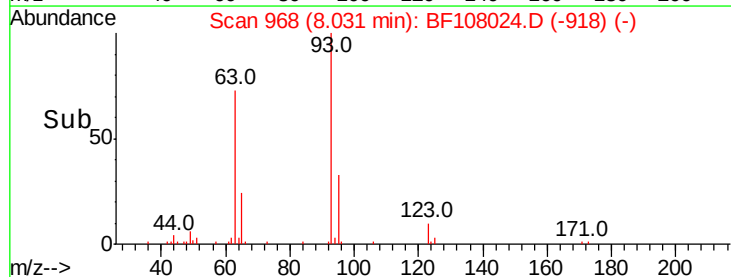
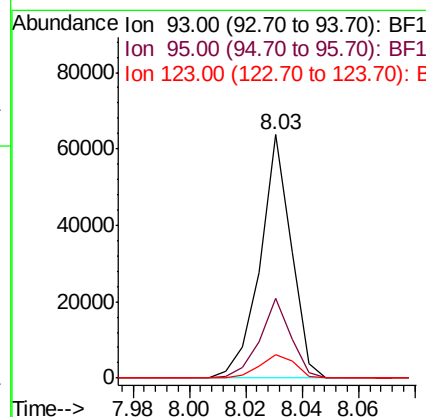
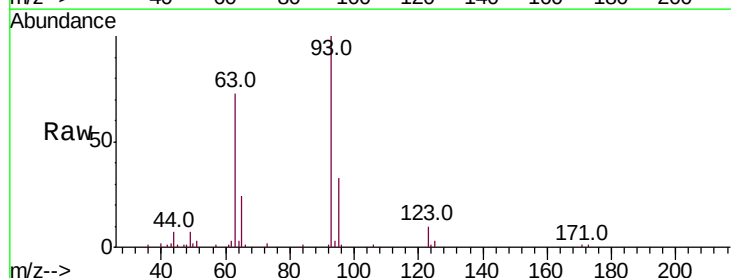
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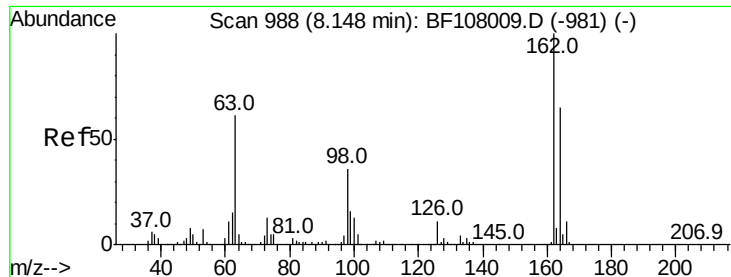
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 4.370 ng
 RT: 8.03 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BF108024.D
 Acq: 8 Aug 2018 17:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.3	39.5
123	9.7	9.8	14.6#





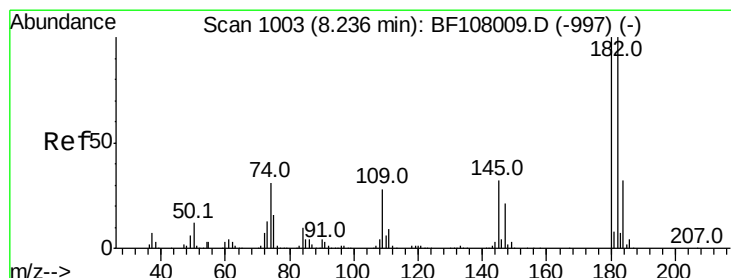
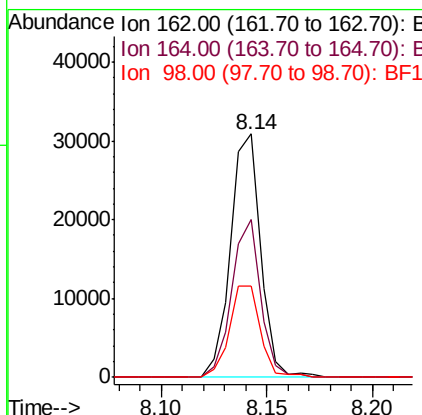
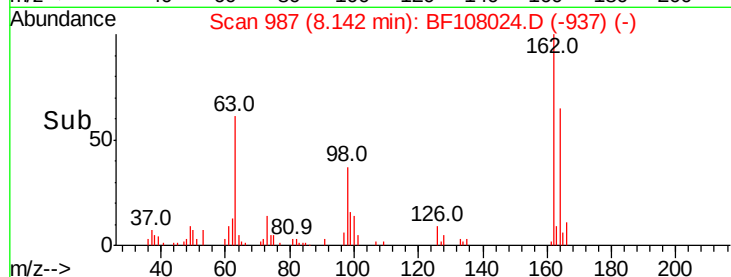
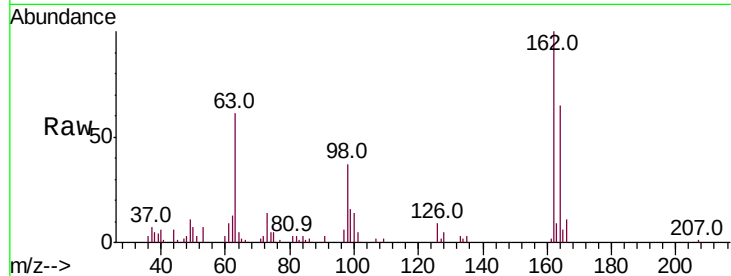
#29
2,4-Dichlorophenol
Concen: 3.877 ng
RT: 8.14 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF108024.D
Acq: 8 Aug 2018 17:21

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	42.7	82.7
98	37.4	18.1	58.1

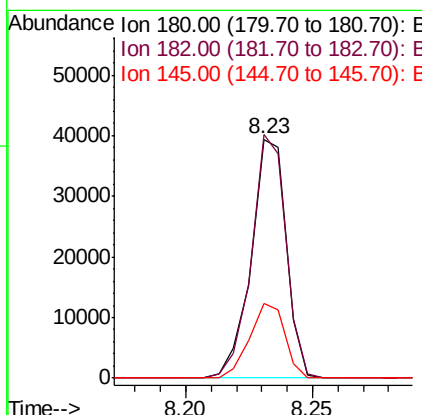
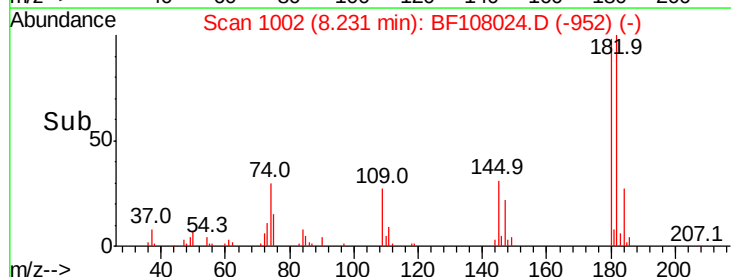
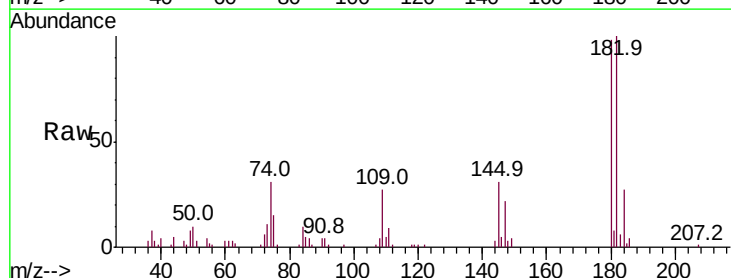
Manual Integrations
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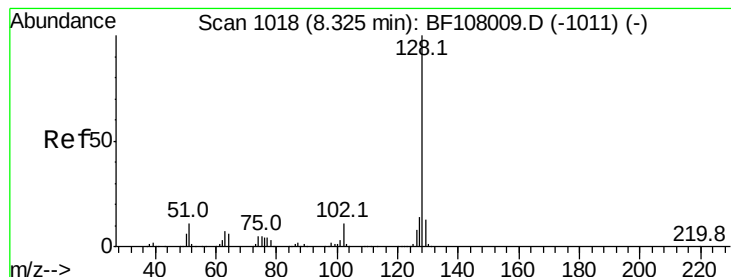
Sohil
8/9/2018 5:01:22 PM



#30
1,2,4-Trichlorobenzene
Concen: 4.460 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF108024.D
Acq: 8 Aug 2018 17:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.9	76.8	115.2
145	31.2	26.5	39.7





#31

Naphthalene

Concen: 4.881 ng

RT: 8.32 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF108024.D

Acq: 8 Aug 2018 17:21

Instrument :

BNA_F

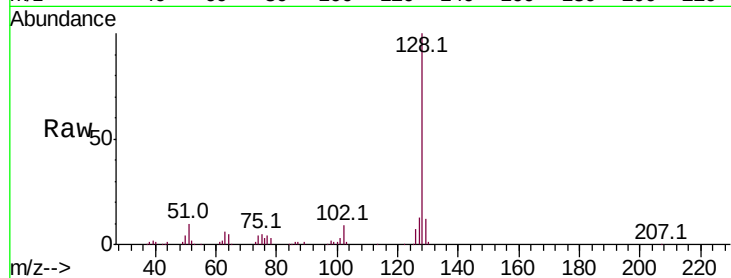
ClientSampleId :

MDL-SOIL-03-QT3-2018

Tot Ion:	128	Resp:	124064
Ion Ratio	Lower	Upper	
128	100		
129	11.7	8.8	13.2
127	12.7	10.9	16.3

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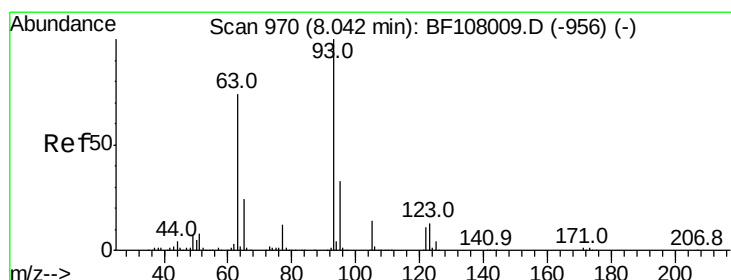
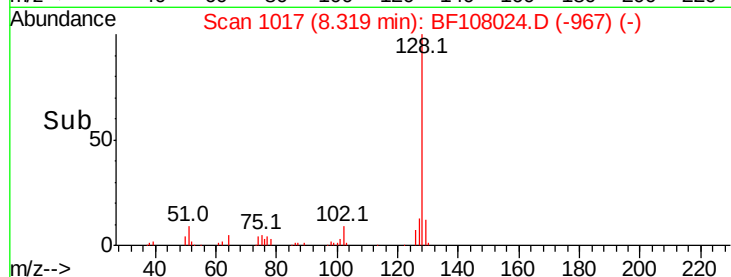
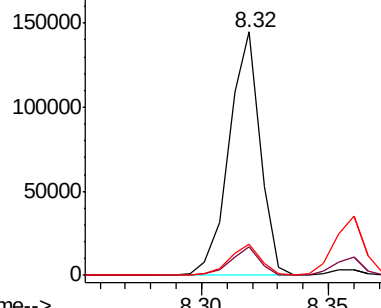


Abundance

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: 7.052 ng m

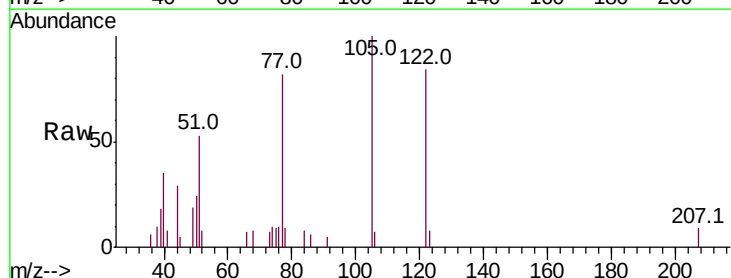
RT: 7.96 min Scan# 956

Delta R.T. -0.08 min

Lab File: BF108024.D

Acq: 8 Aug 2018 17:21

Tgt Ion:	122	Resp:	6050
Ion Ratio	Lower	Upper	
122	100		
105	118.6	101.1	141.1
77	96.8	70.7	110.7

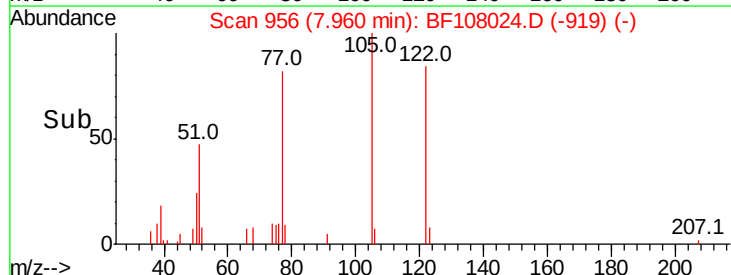
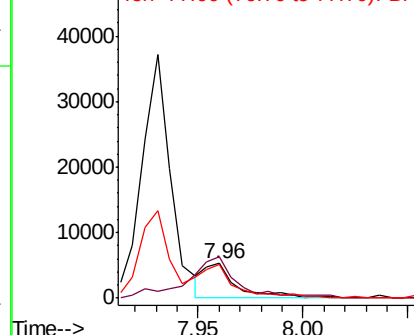


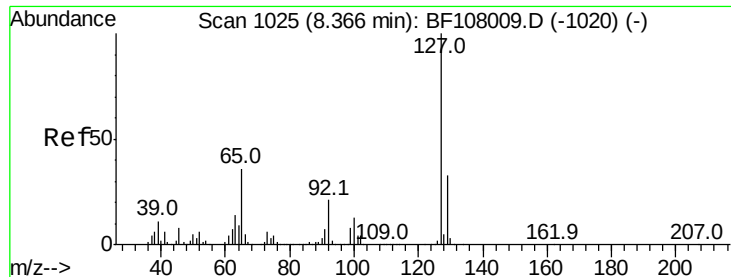
Abundance

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





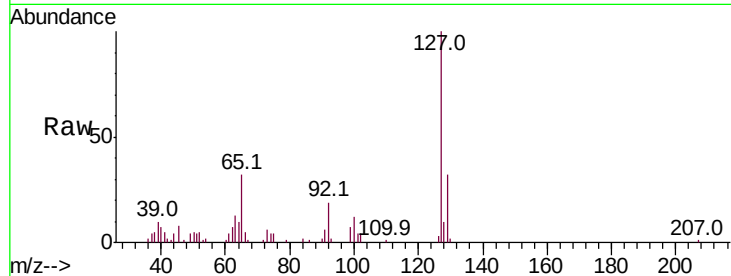
#33
4-Chloroaniline
Concen: 2.592 ng
RT: 8.36 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF108024.D
Acq: 8 Aug 2018 17:21

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.5	25.9	38.9	
65	32.4	25.0	37.4	
92	18.8	15.2	22.8	

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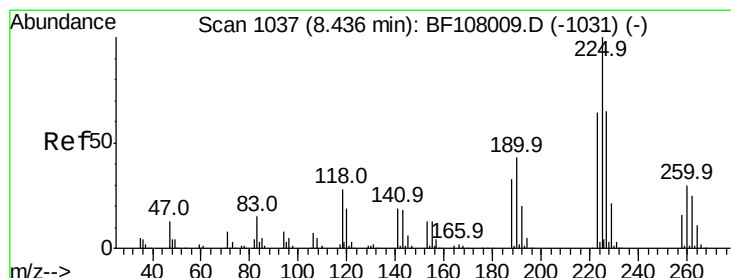
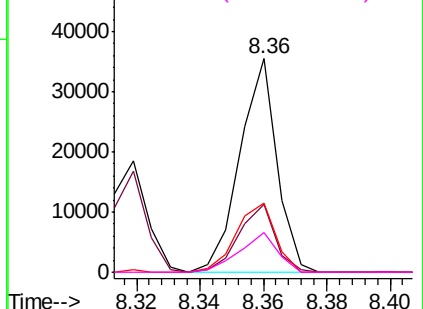
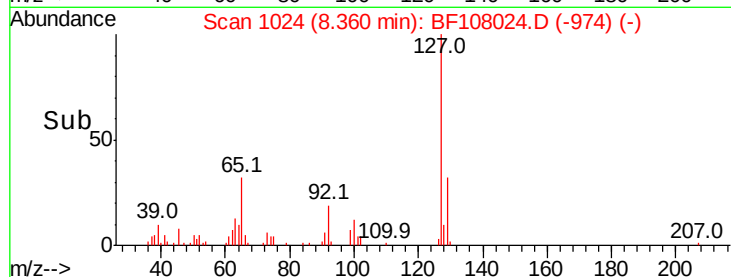
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

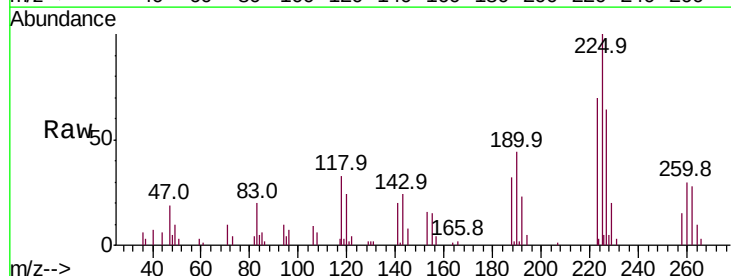
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 4.302 ng
RT: 8.43 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF108024.D
Acq: 8 Aug 2018 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	70.2	50.6	76.0	
227	63.5	51.9	77.9	

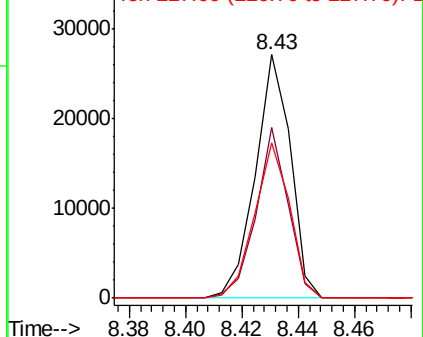
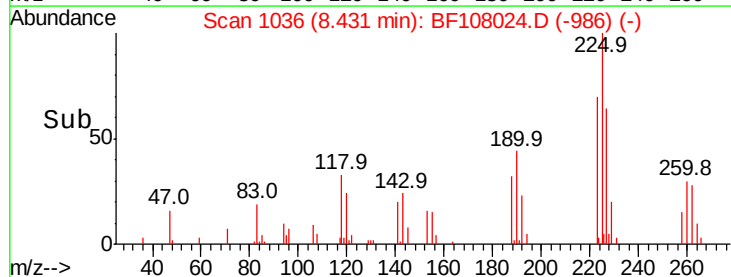


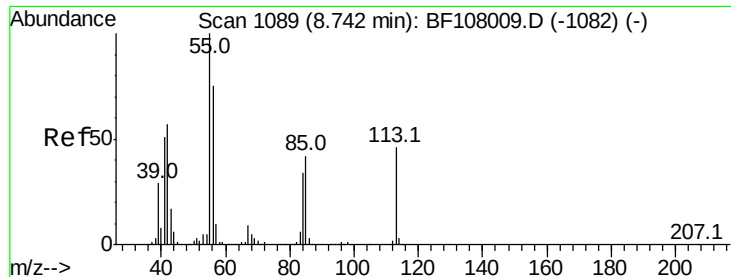
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 3.407 ng

RT: 8.68 min Scan# 1078

Delta R.T. -0.06 min

Lab File: BF108024.D

Acq: 8 Aug 2018 17:21

Instrument :

BNA_F

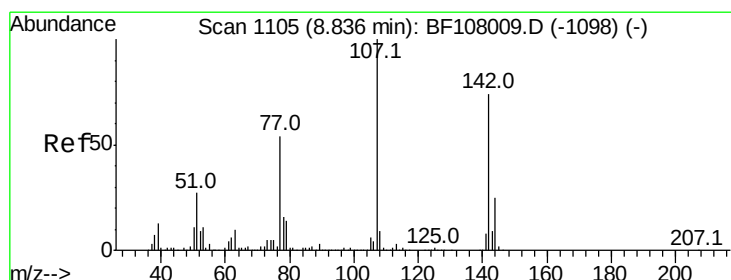
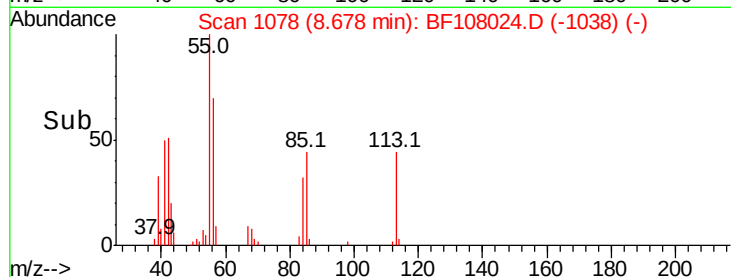
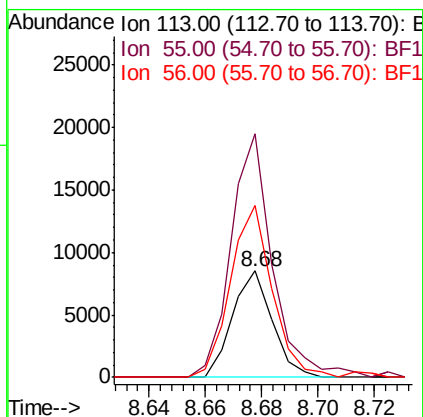
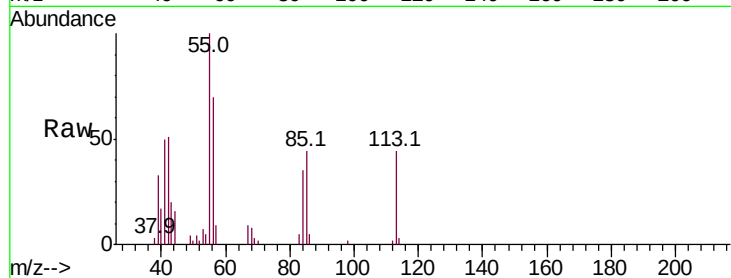
ClientSampleId :

MDL-SOIL-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
113	100		
55	229.4	163.3	203.3#
56	161.6	115.7	155.7#

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#36

4-Chloro-3-methylphenol

Concen: 4.018 ng

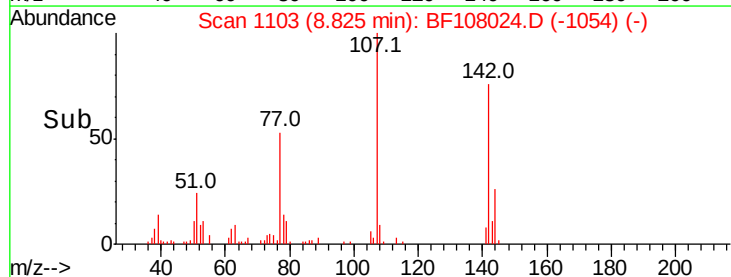
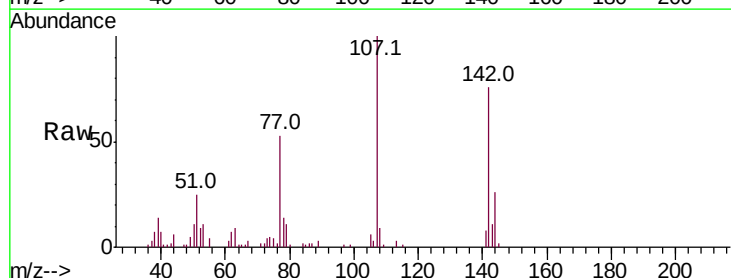
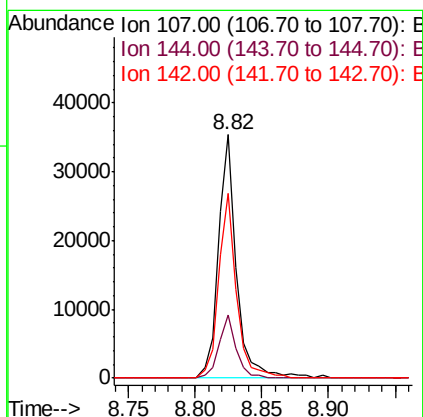
RT: 8.82 min Scan# 1103

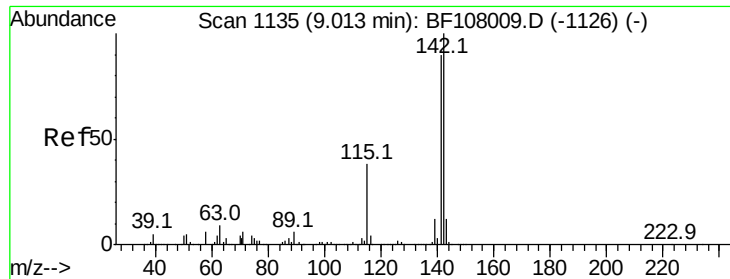
Delta R.T. -0.01 min

Lab File: BF108024.D

Acq: 8 Aug 2018 17:21

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.1	20.5	30.7
142	75.9	62.0	93.0





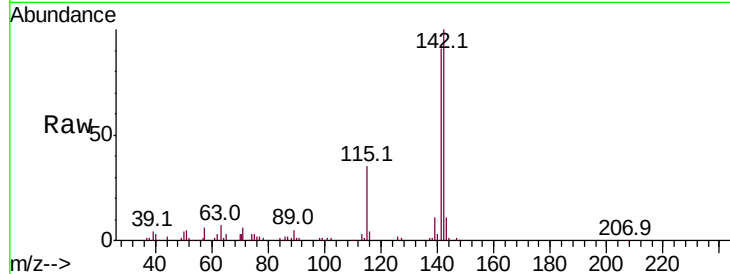
#37
2-Methylnaphthalene
Concen: 4.728 ng
RT: 9.01 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BF108024.D
Acq: 8 Aug 2018 17:21

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.2	70.8	106.2
115	34.5	26.1	39.1

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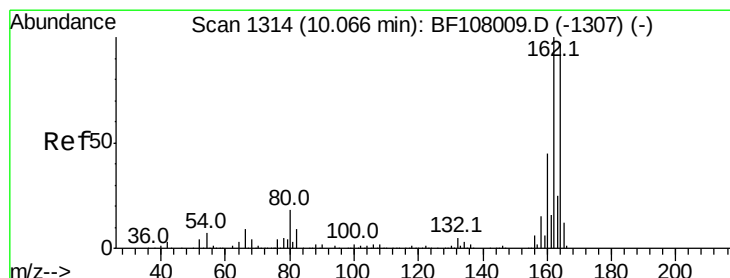
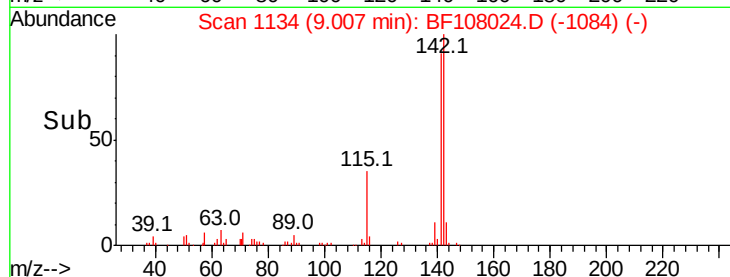
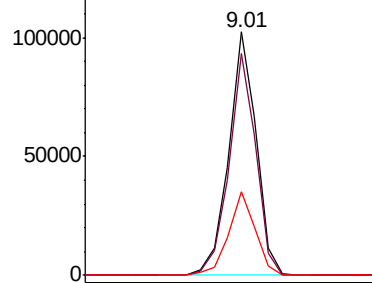


Abundance

Ion 142.00 (141.70 to 142.70): E

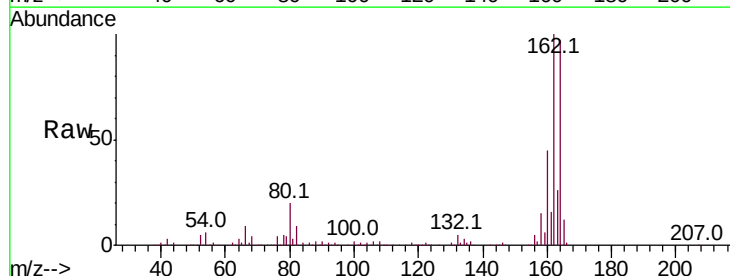
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF108024.D
Acq: 8 Aug 2018 17:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	86.1	129.1
160	46.6	38.3	57.5

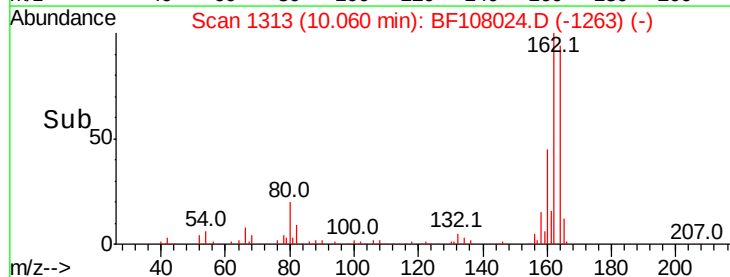
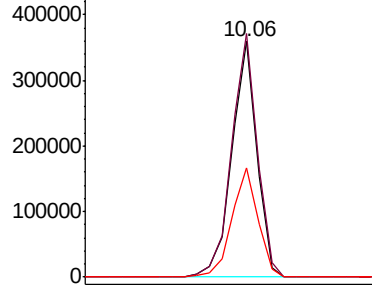


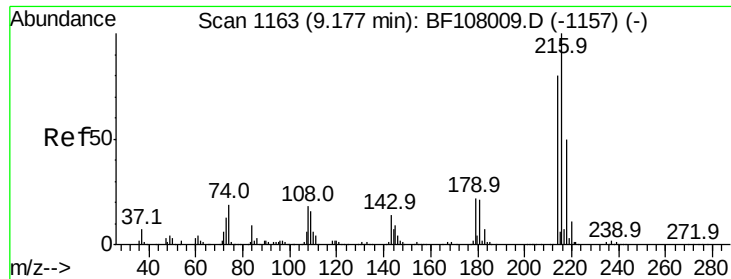
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





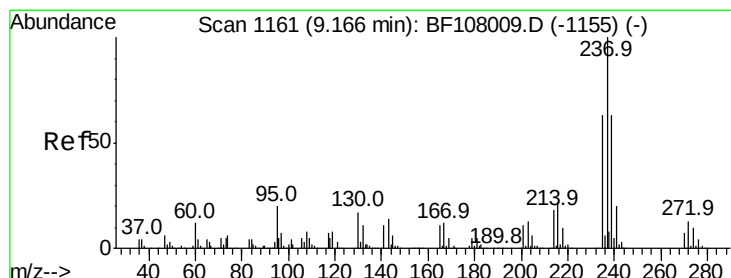
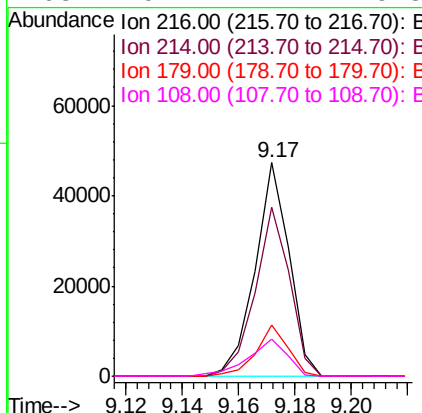
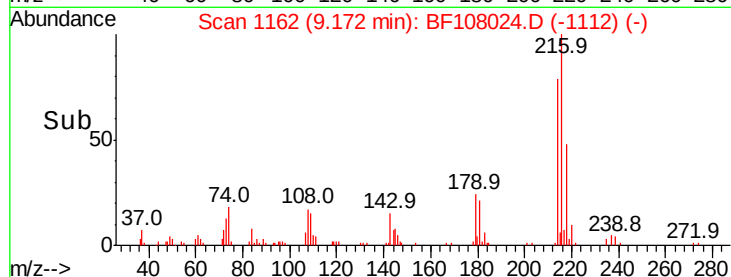
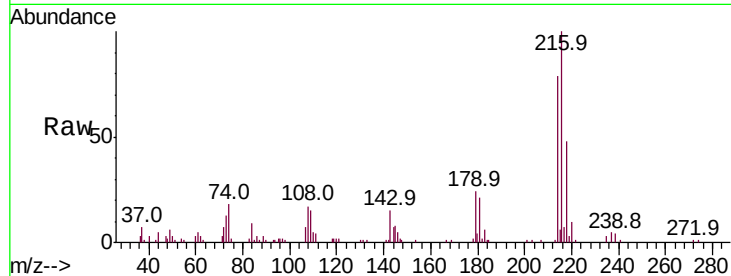
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 4.335 ng
 RT: 9.17 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BF108024.D
 Acq: 8 Aug 2018 17:21

Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.9	63.0	94.4	
179	22.7	18.1	27.1	
108	19.7	17.2	25.8	

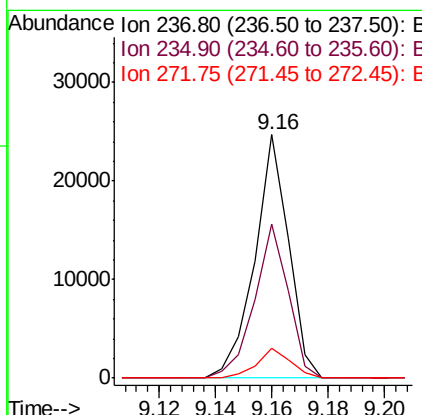
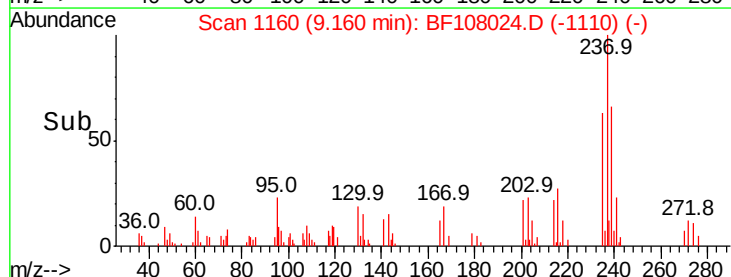
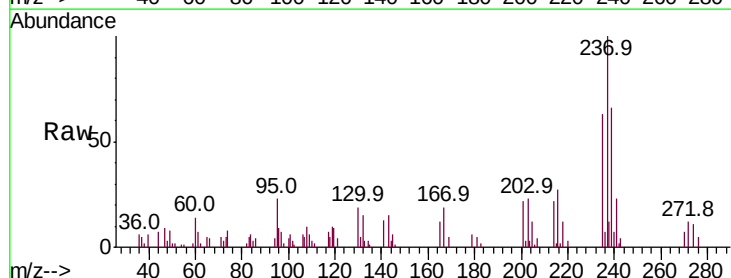
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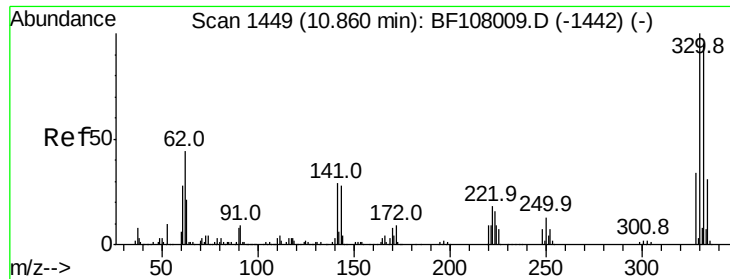
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#40
 Hexachlorocyclopentadiene
 Concen: 3.491 ng
 RT: 9.16 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF108024.D
 Acq: 8 Aug 2018 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	63.4	44.8	84.8	
272	12.3	0.0	33.3	





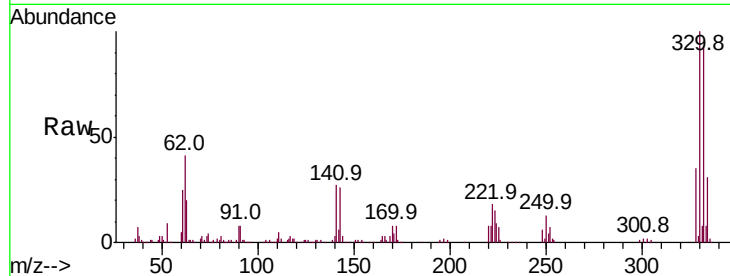
#41
 2,4,6-Tribromophenol
 Concen: 136.456 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108024.D
 Acq: 8 Aug 2018 17:21

Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.1	77.0	115.6	
141	35.0	29.9	44.9	

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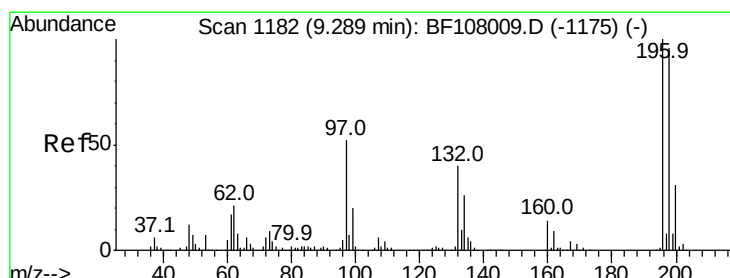
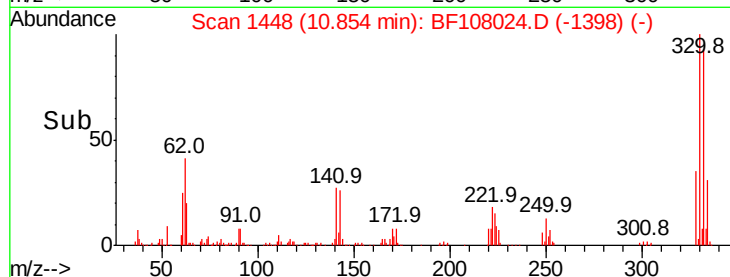
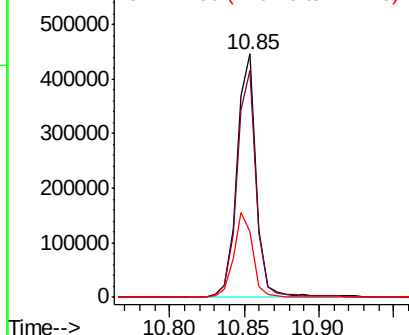


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 3.325 ng m
 RT: 9.28 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF108024.D
 Acq: 8 Aug 2018 17:21

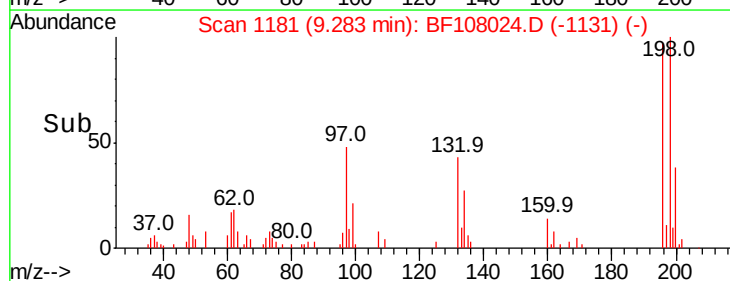
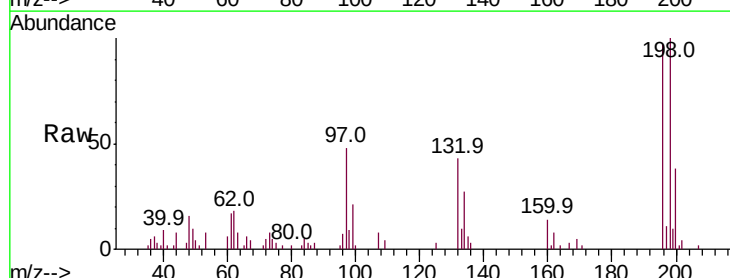
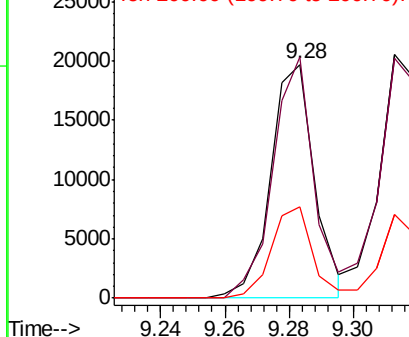
Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	103.2	75.7	113.5	
200	39.1	24.5	36.7#	

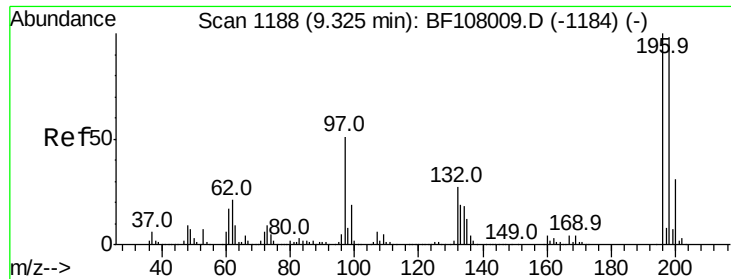
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





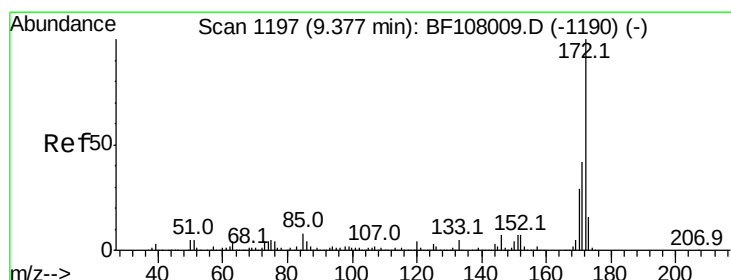
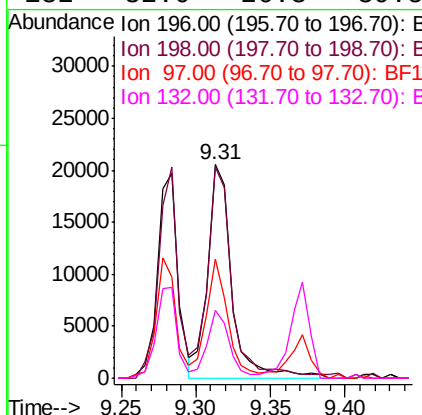
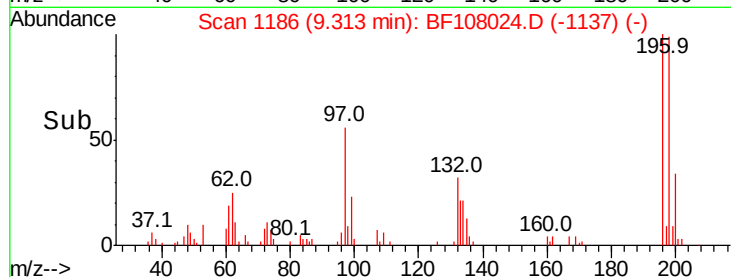
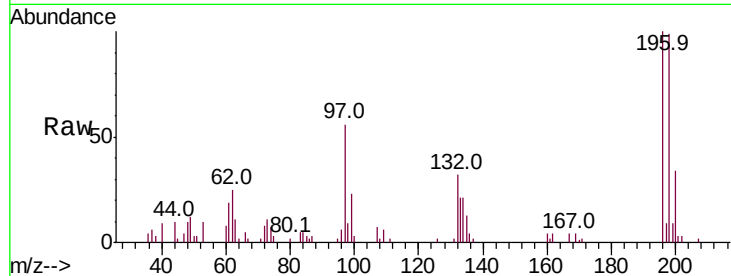
#43
 2,4,5-Trichlorophenol
 Concen: 3.705 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF108024.D
 Acq: 8 Aug 2018 17:21

Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT3-2018

Tot Ion:	196	Resp:	23144
Ion Ratio	Lower	Upper	
196	100		
198	98.6	74.6	112.0
97	55.7	42.9	64.3
132	32.0	26.3	39.5

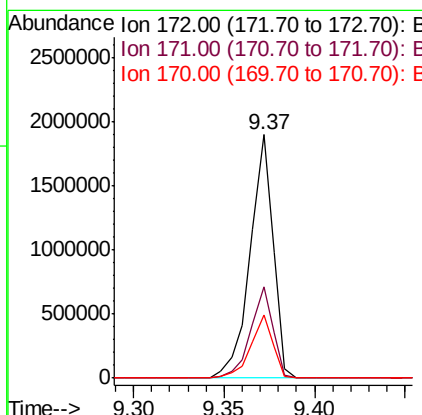
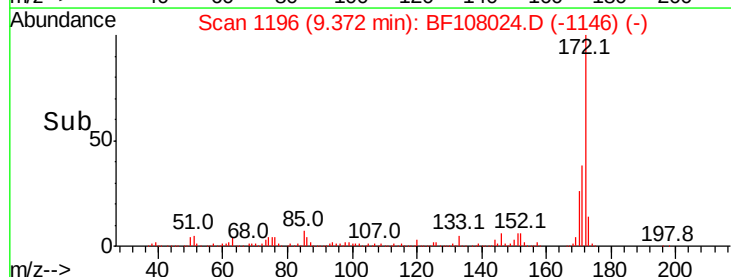
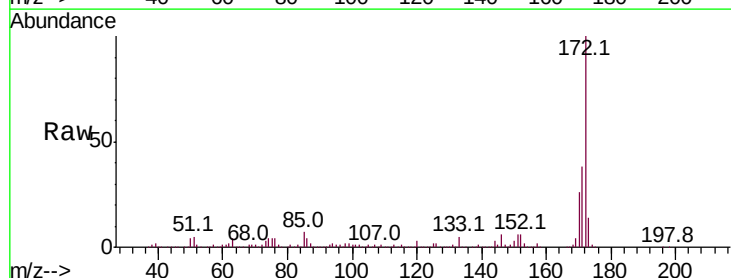
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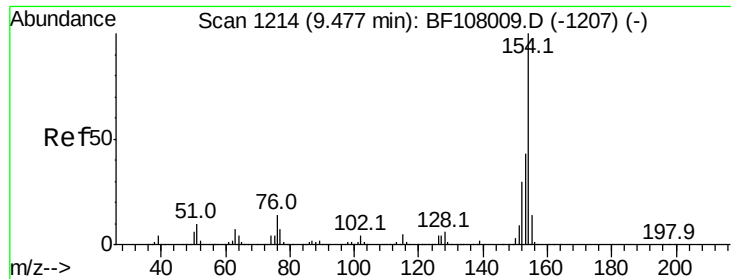
Sohil
 8/9/2018 5:01:22 PM



#44
 2-Fluorobiphenyl
 Concen: 90.500 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108024.D
 Acq: 8 Aug 2018 17:21

Tgt Ion:	172	Resp:	1678468
Ion Ratio	Lower	Upper	
172	100		
171	37.5	29.7	44.5
170	25.8	19.6	29.4





#45

1,1'-Biphenyl

Concen: 4.941 ng

RT: 9.47 min Scan# 1213

Delta R.T. -0.01 min

Lab File: BF108024.D

Acq: 8 Aug 2018 17:21

Instrument :

BNA_F

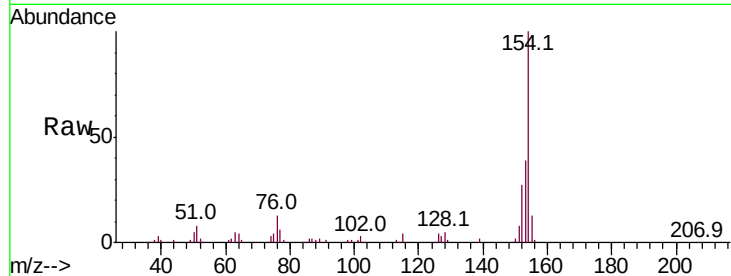
ClientSampleId :

MDL-SOIL-03-QT3-2018

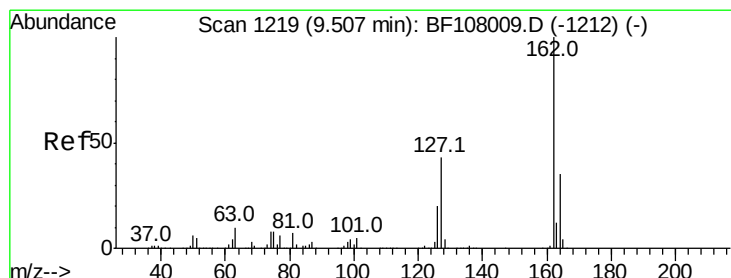
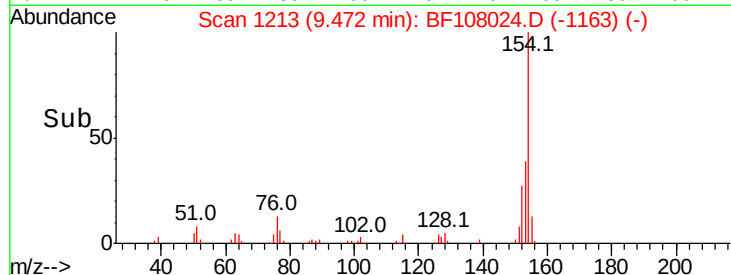
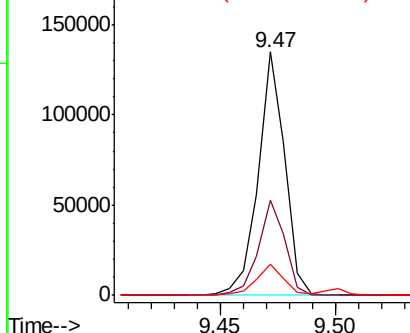
Tot Ion:	154	Resp:	108472
Ion Ratio	Lower	Upper	
154	100		
153	39.2	21.3	61.3
76	12.6	0.0	34.0

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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: 4.632 ng

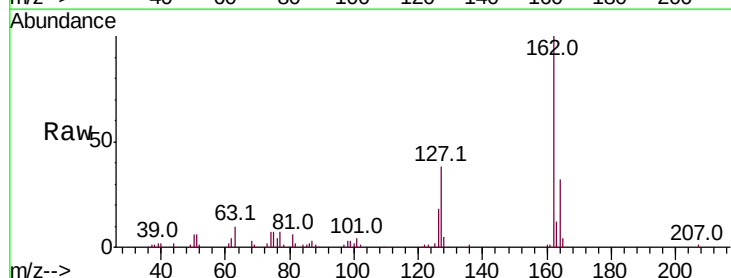
RT: 9.50 min Scan# 1218

Delta R.T. -0.01 min

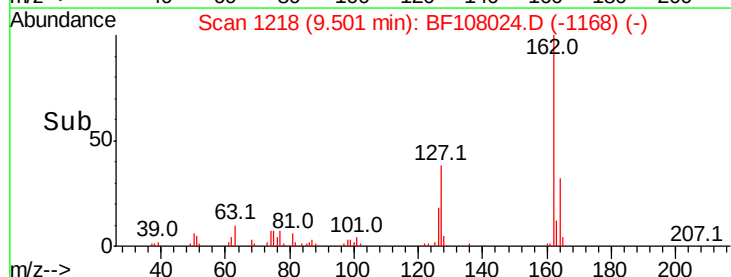
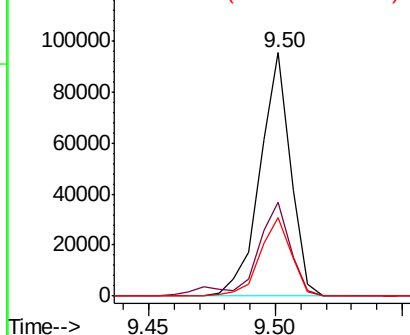
Lab File: BF108024.D

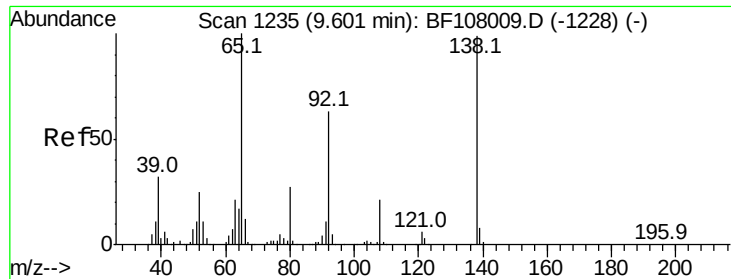
Acq: 8 Aug 2018 17:21

Tgt Ion:	162	Resp:	80380
Ion Ratio	Lower	Upper	
162	100		
127	38.3	33.9	50.9
164	32.1	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





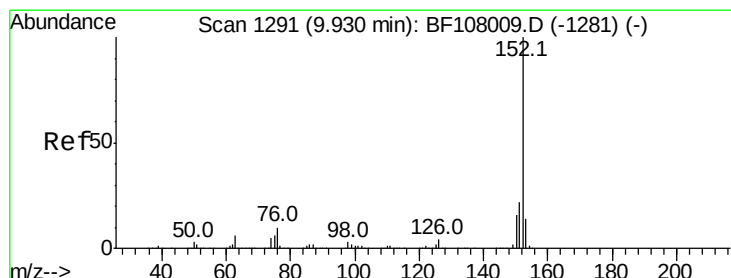
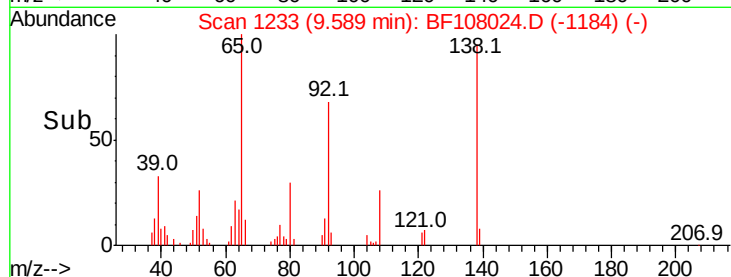
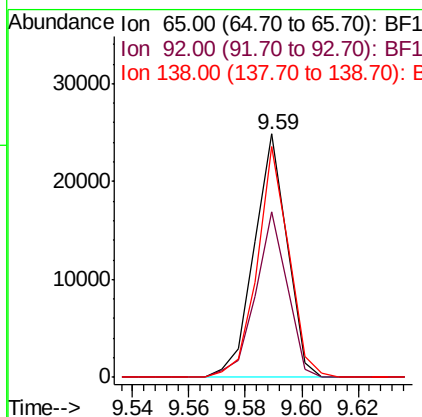
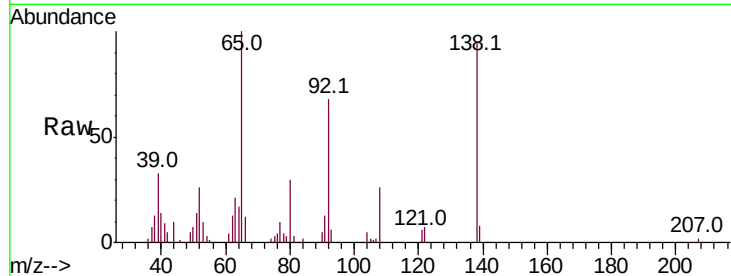
#47
2-Nitroaniline
Concen: 3.584 ng
RT: 9.59 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF108024.D
Acq: 8 Aug 2018 17:21

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.9	55.8	83.6
138	94.7	91.2	136.8

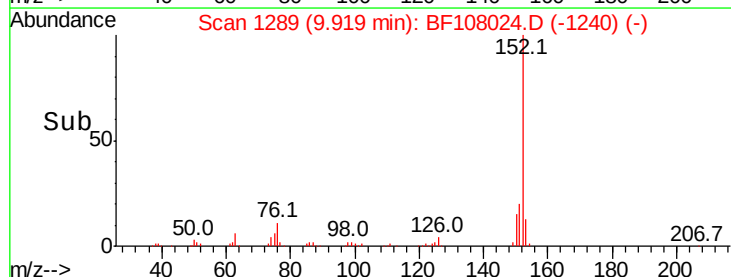
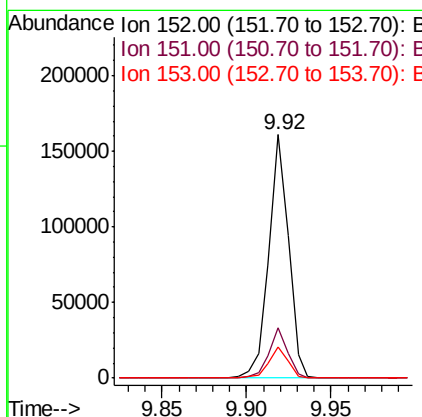
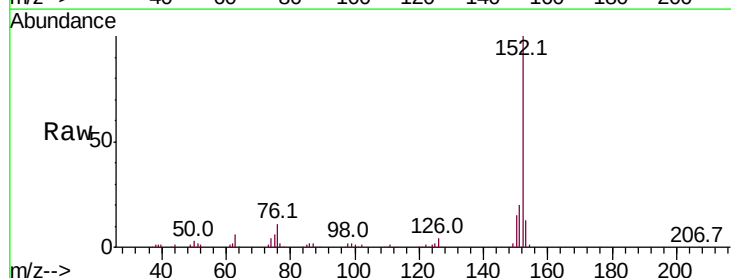
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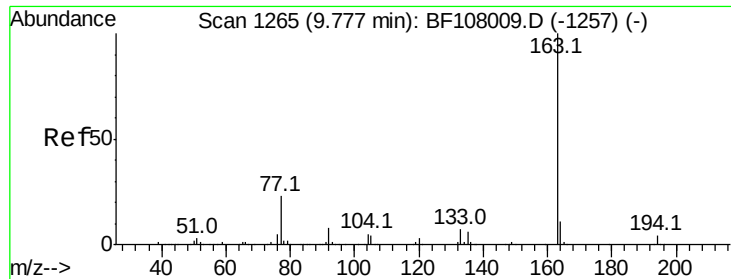
Sohil
8/9/2018 5:01:22 PM



#48
Acenaphthylene
Concen: 4.763 ng
RT: 9.92 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF108024.D
Acq: 8 Aug 2018 17:21

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	12.9	10.7	16.1





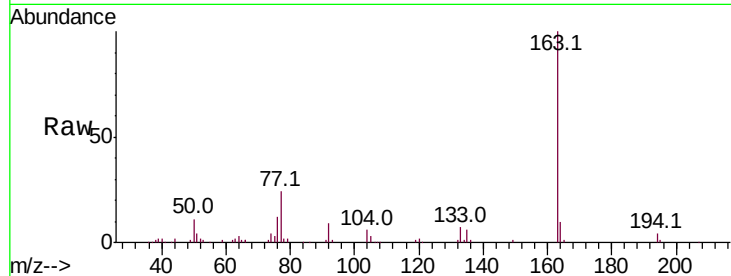
#49
 Dimethylphthalate
 Concen: 4.609 ng
 RT: 9.76 min Scan# 1262
 Delta R.T. -0.02 min
 Lab File: BF108024.D
 Acq: 8 Aug 2018 17:21

Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT3-2018

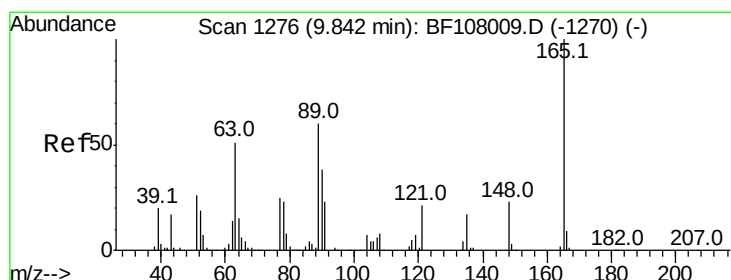
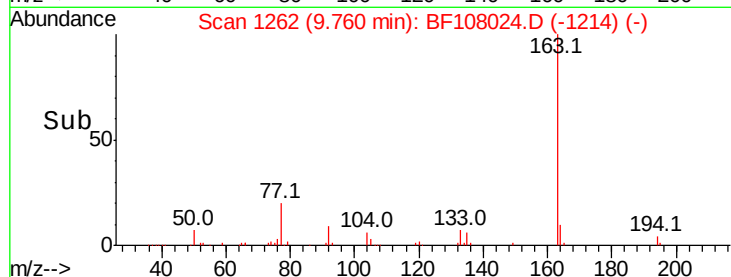
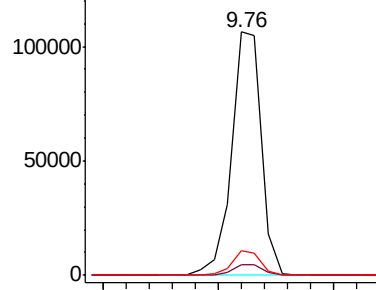
Tot Ion:	163	Resp:	95603
Ion Ratio	Lower	Upper	
163	100		
194	4.3	2.7	4.1#
164	10.3	8.2	12.2

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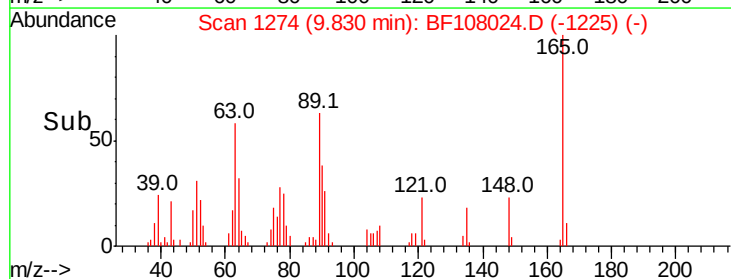
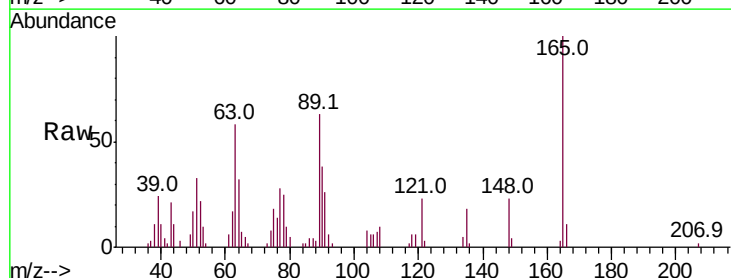
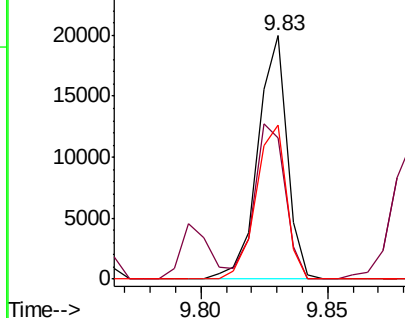
Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

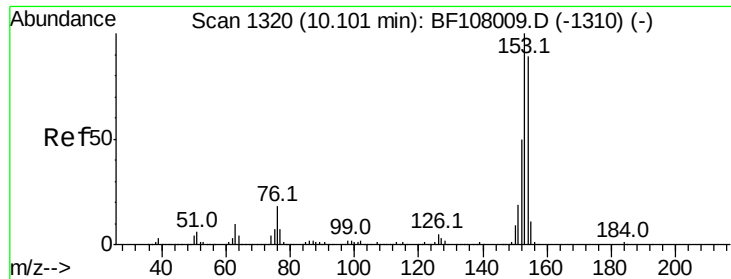


#50
 2,6-Dinitrotoluene
 Concen: 3.726 ng
 RT: 9.83 min Scan# 1274
 Delta R.T. -0.01 min
 Lab File: BF108024.D
 Acq: 8 Aug 2018 17:21

Tgt Ion:	165	Resp:	16169
Ion Ratio	Lower	Upper	
165	100		
63	58.2	44.7	67.1
89	63.3	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: 4.680 ng

RT: 10.09 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF108024.D

Acq: 8 Aug 2018 17:21

Instrument :

BNA_F

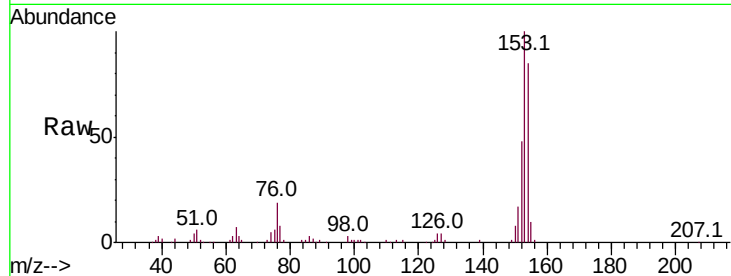
ClientSampleId :

MDL-SOIL-03-QT3-2018

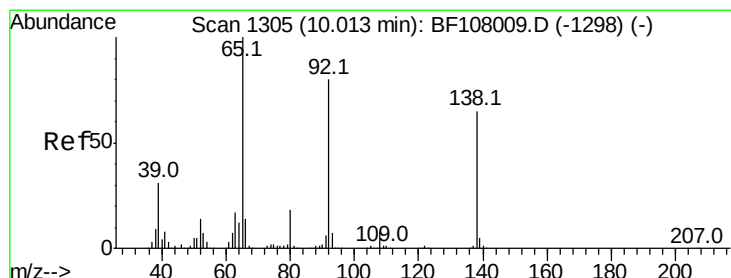
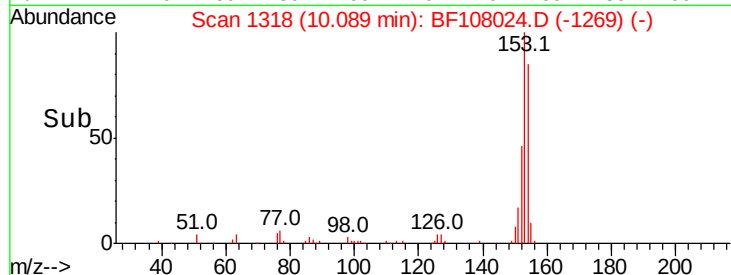
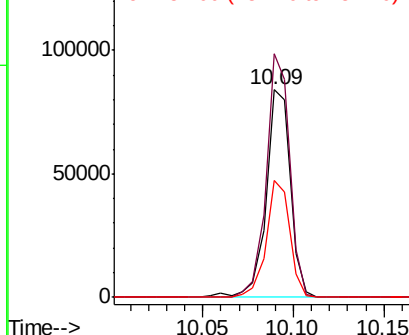
Tot Ion:	154	Resp:	78635
Ion Ratio	Lower	Upper	
154	100		
153	117.4	91.2	136.8
152	56.4	43.8	65.8

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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: 3.353 ng

RT: 10.00 min Scan# 1303

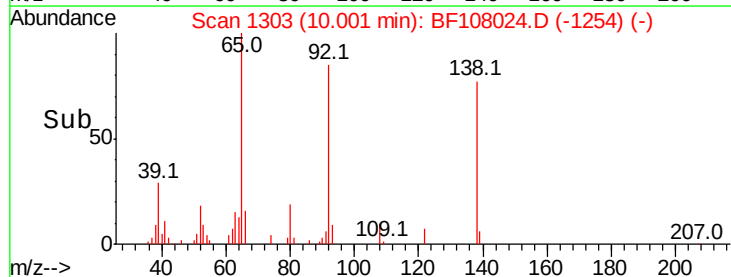
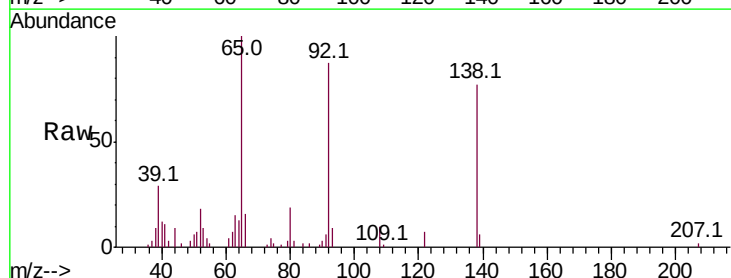
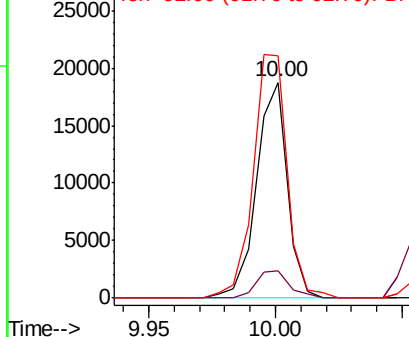
Delta R.T. -0.01 min

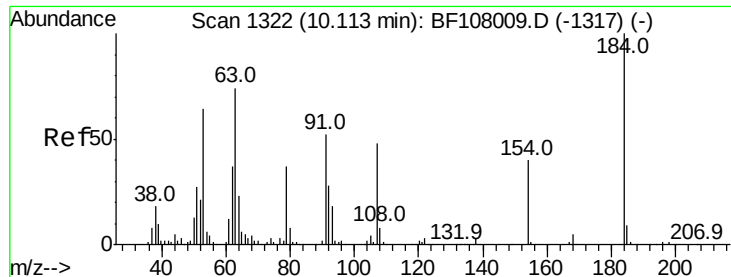
Lab File: BF108024.D

Acq: 8 Aug 2018 17:21

Tgt Ion:	138	Resp:	15922
Ion Ratio	Lower	Upper	
138	100		
108	12.6	9.4	14.0
92	112.5	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





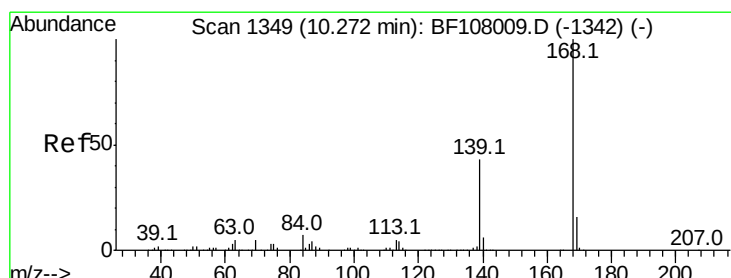
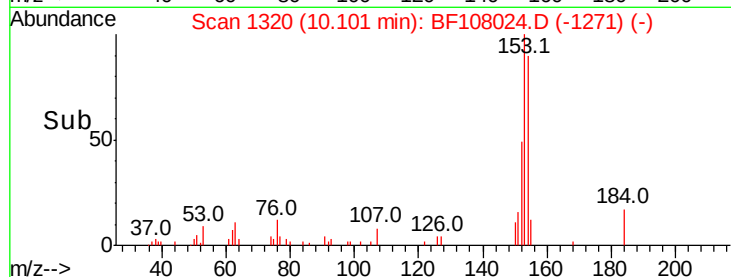
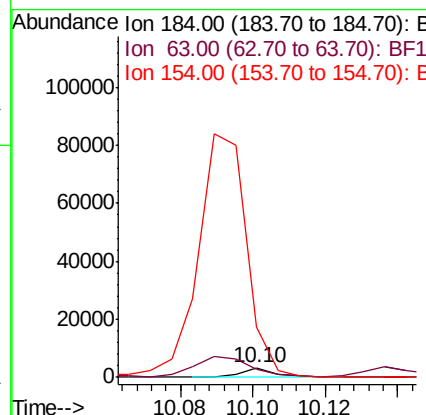
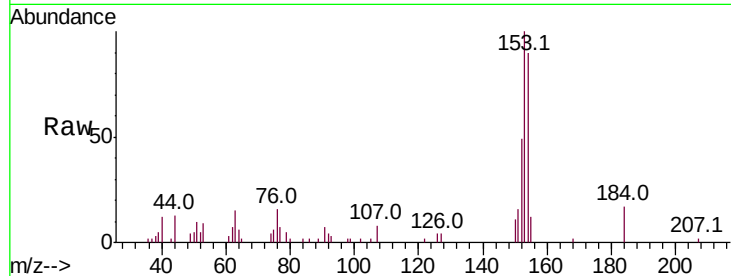
#53
 2,4-Dinitrophenol
 Concen: 8.251 ng
 RT: 10.10 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF108024.D
 Acq: 8 Aug 2018 17:21

Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	87.6	54.2	81.2#	
154	519.8	184.0	276.0#	

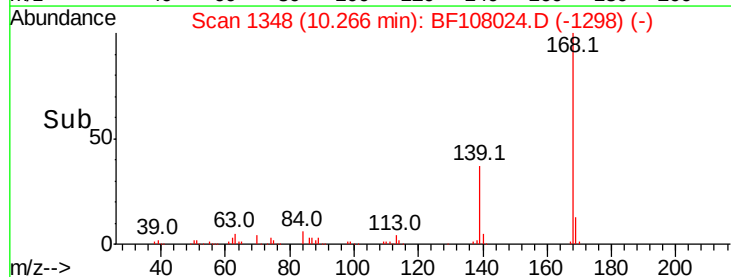
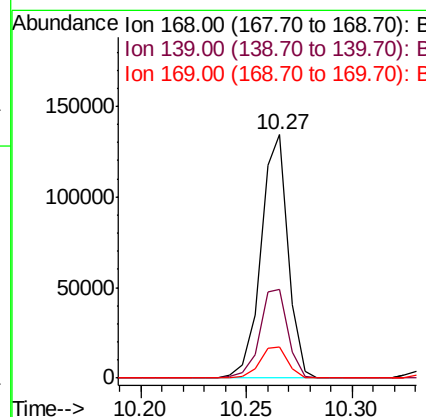
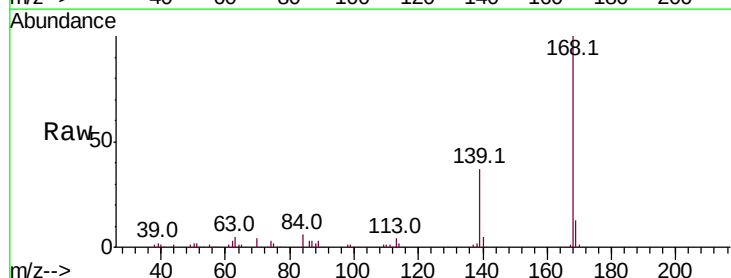
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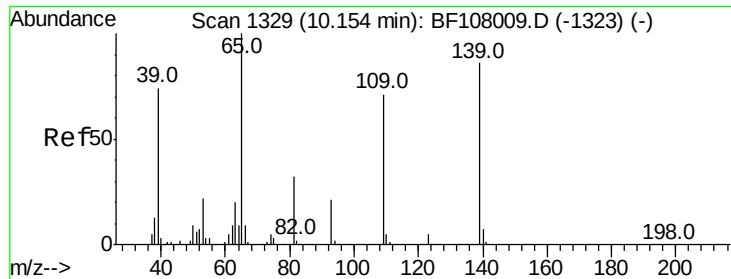
Sohil
 8/9/2018 5:01:22 PM



#54
 Dibenzofuran
 Concen: 4.935 ng
 RT: 10.27 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF108024.D
 Acq: 8 Aug 2018 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	36.6	30.1	45.1	
169	13.0	10.9	16.3	





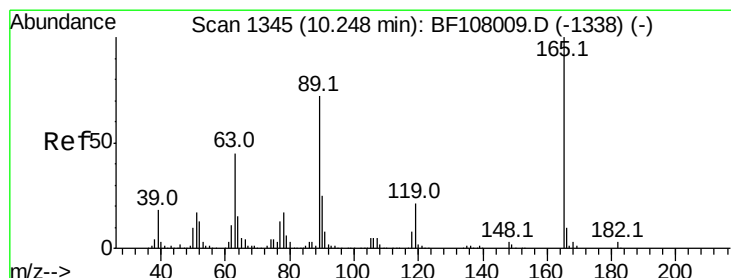
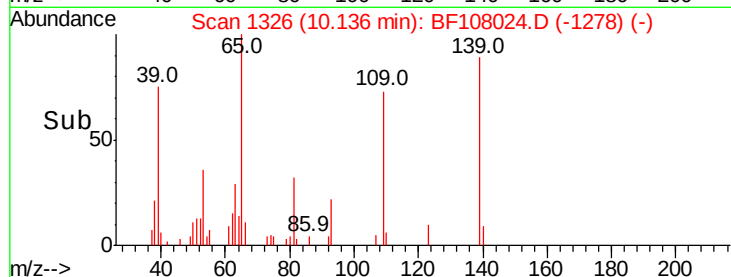
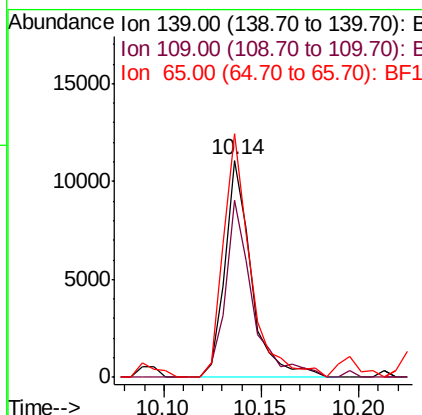
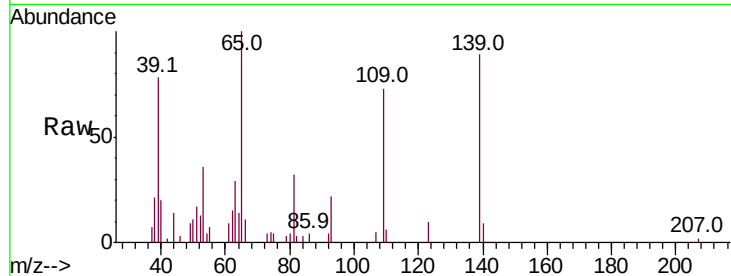
#55
4-Nitrophenol
Concen: 2.905 ng
RT: 10.14 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BF108024.D
Acq: 8 Aug 2018 17:21

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
139	100		
109	81.9	48.4	88.4
65	112.2	72.6	112.6

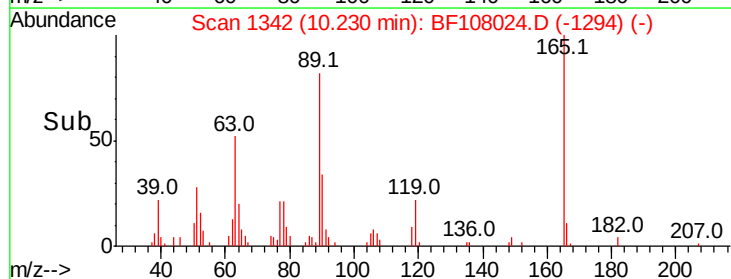
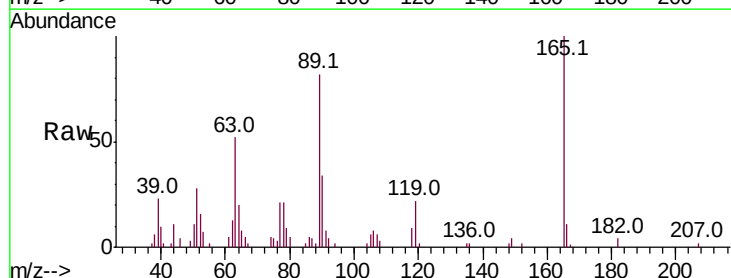
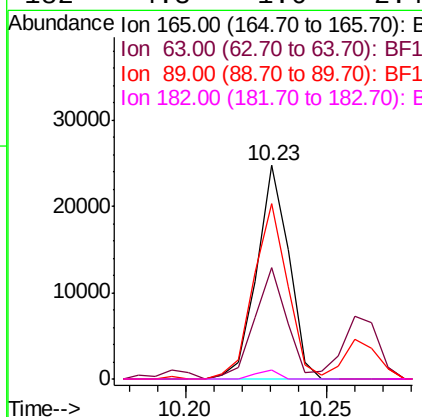
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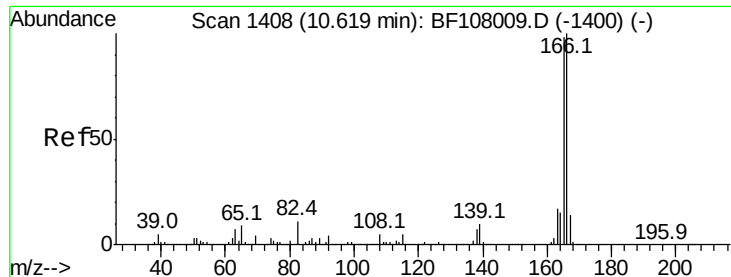
Sohil
8/9/2018 5:01:22 PM



#56
2,4-Dinitrotoluene
Concen: 3.498 ng
RT: 10.23 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BF108024.D
Acq: 8 Aug 2018 17:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	52.2	36.4	54.6
89	82.3	57.8	86.6
182	4.3	1.6	2.4#





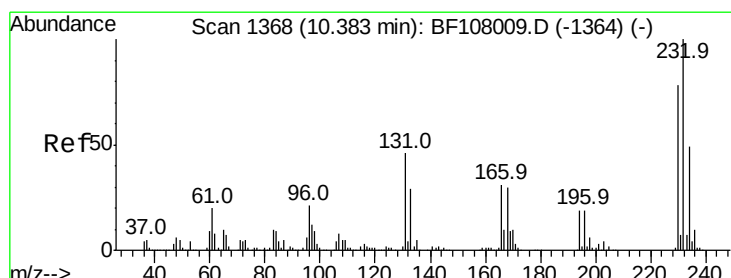
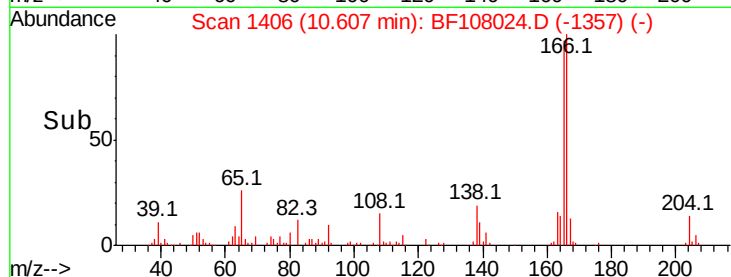
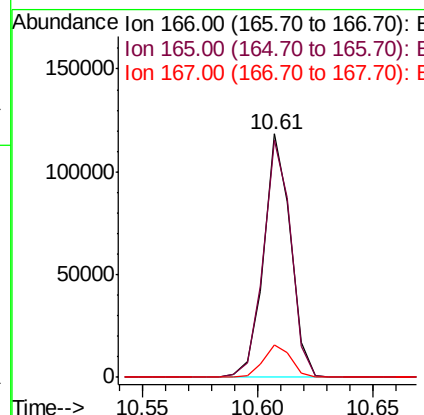
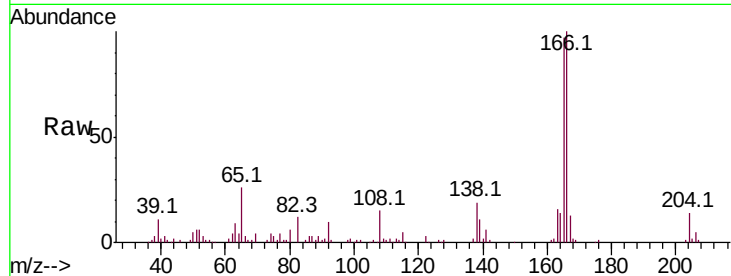
#57
 Fluorene
 Concen: 5.013 ng
 RT: 10.61 min Scan# 1406
 Delta R.T. -0.01 min
 Lab File: BF108024.D
 Acq: 8 Aug 2018 17:21

Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT3-2018

Tot Ion:	166	Resp:	96591
Ion Ratio	Lower	Upper	
166	100		
165	97.4	79.8	119.8
167	13.2	10.6	16.0

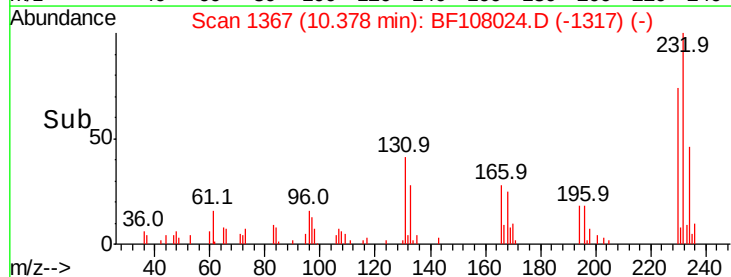
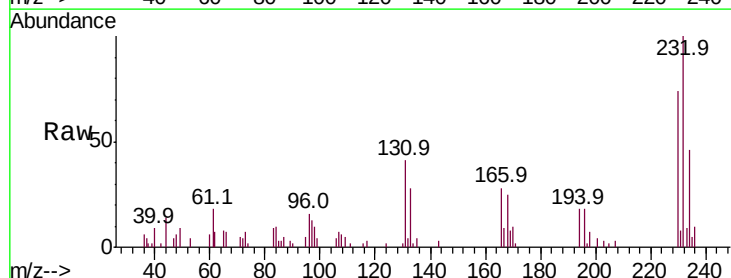
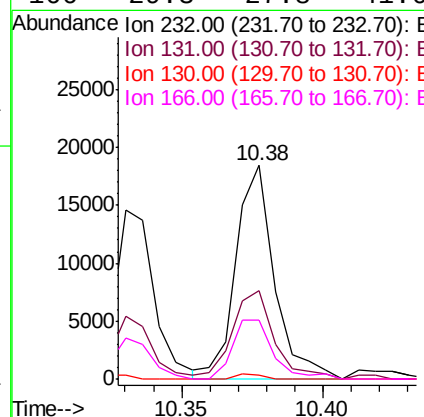
Manual Integrations
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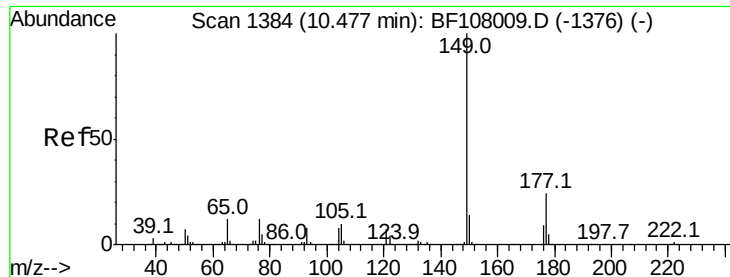
Sohil
 8/9/2018 5:01:22 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 3.352 ng
 RT: 10.38 min Scan# 1367
 Delta R.T. -0.01 min
 Lab File: BF108024.D
 Acq: 8 Aug 2018 17:21

Tgt Ion:	232	Resp:	17501
Ion Ratio	Lower	Upper	
232	100		
131	44.9	43.8	65.8
130	1.6	2.1	3.1#
166	29.3	27.8	41.6





#59

Diethylphthalate

Concen: 4.653 ng

RT: 10.47 min Scan# 1382

Delta R.T. -0.01 min

Lab File: BF108024.D

Acq: 8 Aug 2018 17:21

Instrument :

BNA_F

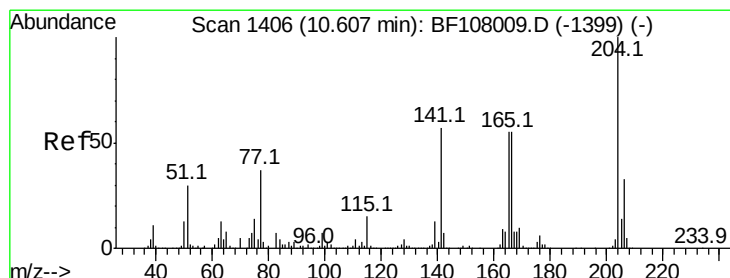
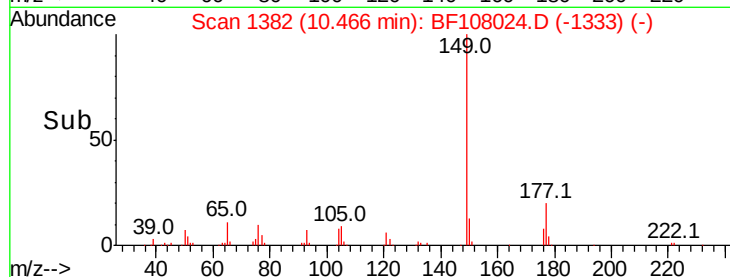
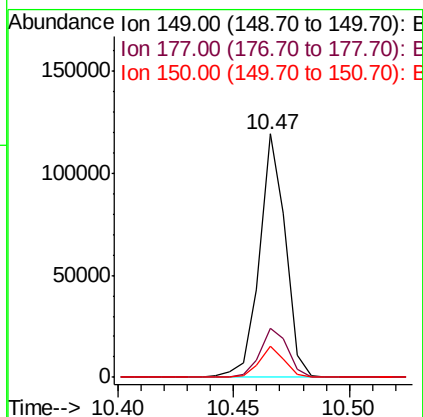
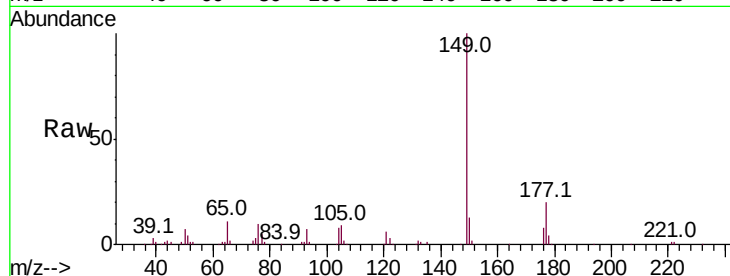
ClientSampleId :

MDL-SOIL-03-QT3-2018

Tot Ion:	149	Resp:	93455
Ion Ratio	Lower	Upper	
149	100		
177	20.1	16.1	24.1
150	12.7	10.1	15.1

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#60

4-Chlorophenyl-phenylether

Concen: 4.981 ng

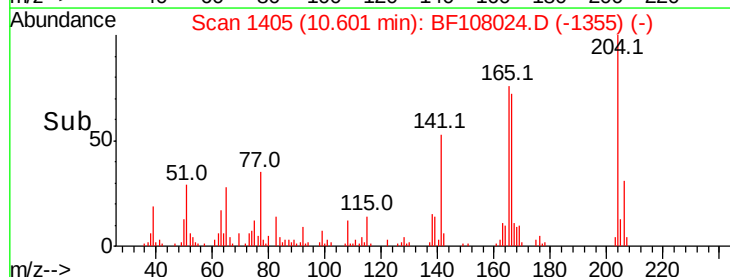
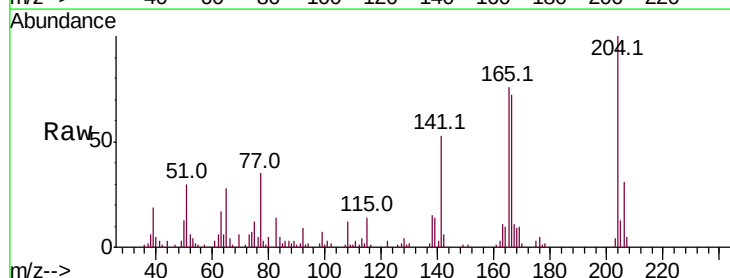
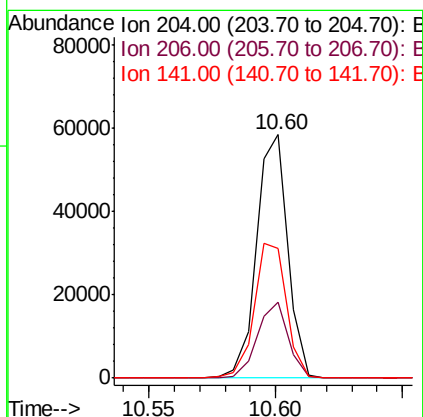
RT: 10.60 min Scan# 1405

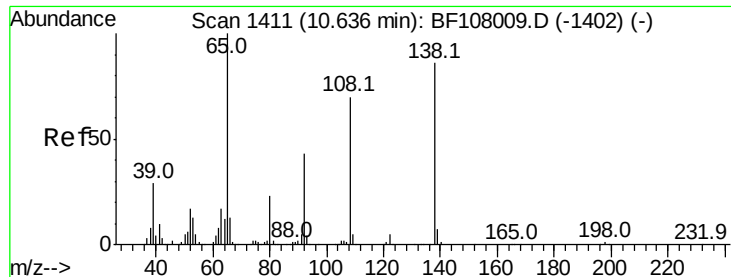
Delta R.T. -0.01 min

Lab File: BF108024.D

Acq: 8 Aug 2018 17:21

Tgt Ion:	204	Resp:	50012
Ion Ratio	Lower	Upper	
204	100		
206	31.0	26.5	39.7
141	53.5	54.6	81.8#





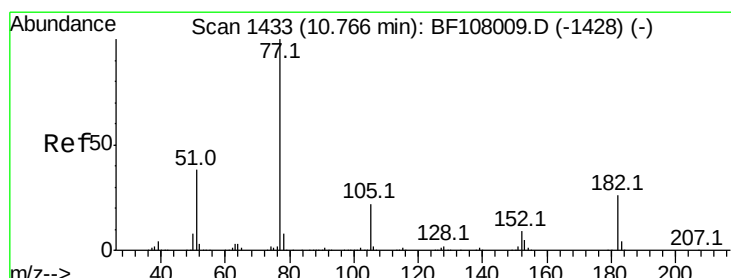
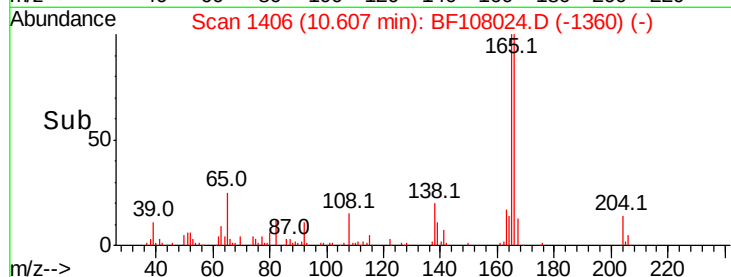
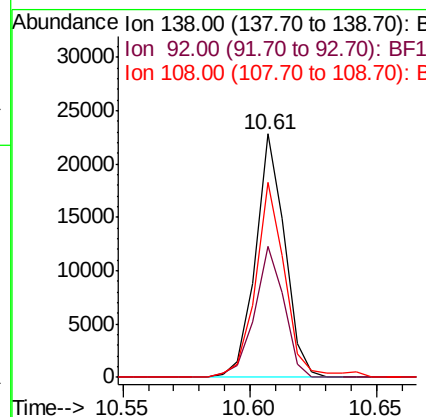
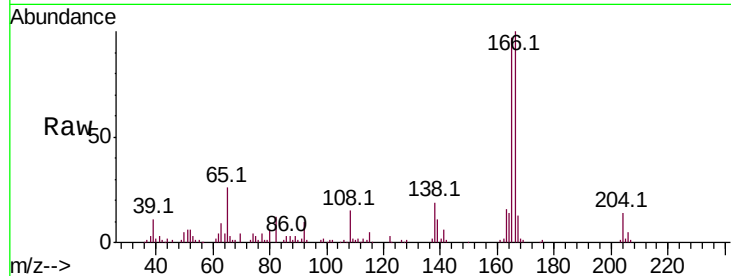
#61
4-Nitroaniline
Concen: 3.903 ng
RT: 10.61 min Scan# 1406
Delta R.T. -0.03 min
Lab File: BF108024.D
Acq: 8 Aug 2018 17:21

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
138	100		
92	54.0	30.2	70.2
108	80.2	52.5	92.5

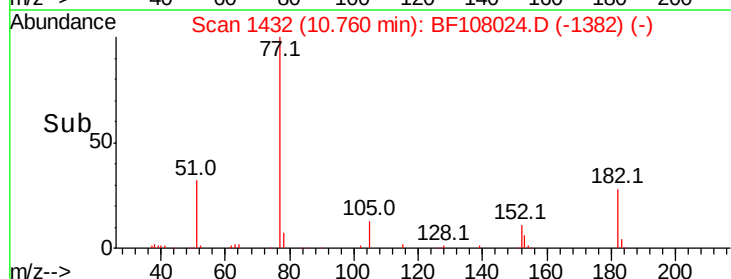
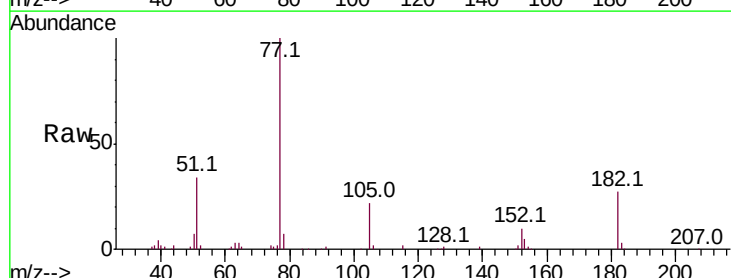
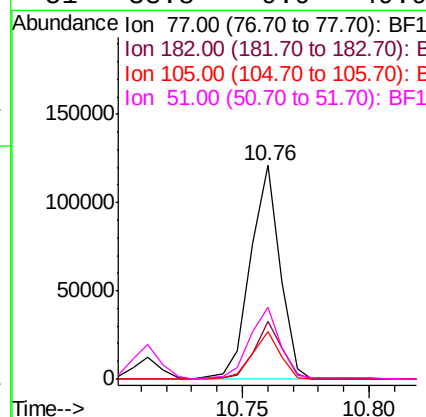
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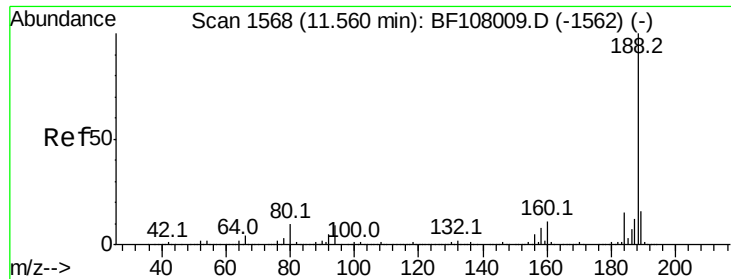
Sohil
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#62
Azobenzene
Concen: 4.754 ng
RT: 10.76 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF108024.D
Acq: 8 Aug 2018 17:21

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.8	1.7	41.7
105	22.1	3.0	43.0
51	33.8	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.55 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BF108024.D

Acq: 8 Aug 2018 17:21

Instrument :

BNA_F

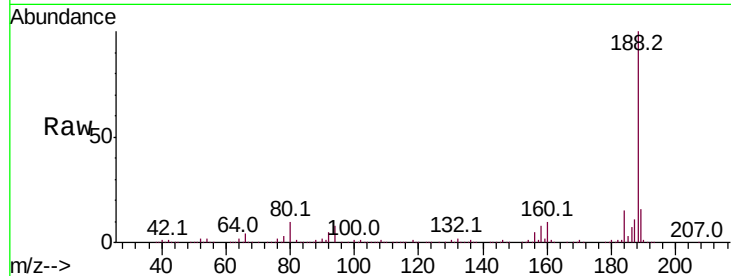
ClientSampleId :

MDL-SOIL-03-QT3-2018

Tot Ion:	188	Resp:	646710
Ion Ratio	Lower	Upper	
188	100		
94	8.4	8.5	12.7#
80	10.0	9.2	13.8

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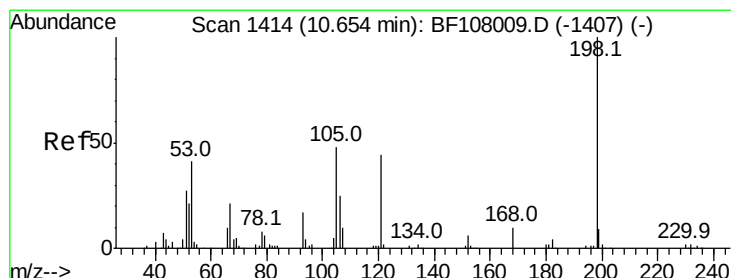
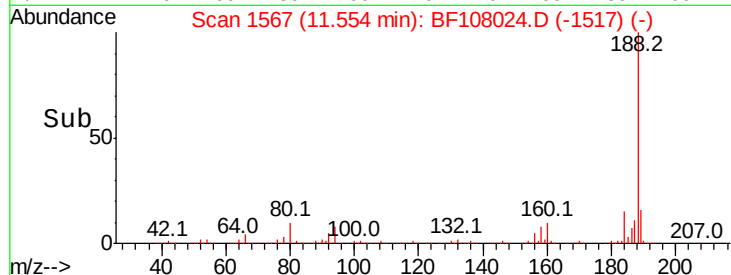
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

11.55

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 6.678 ng

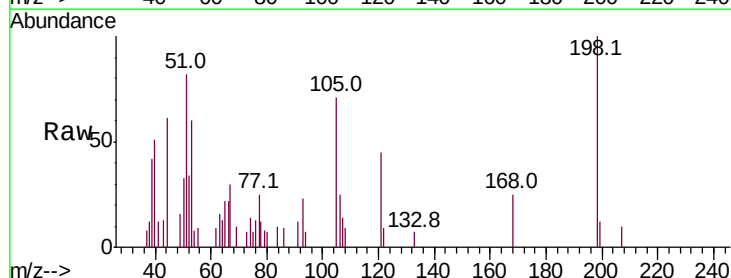
RT: 10.64 min Scan# 1411

Delta R.T. -0.02 min

Lab File: BF108024.D

Acq: 8 Aug 2018 17:21

Tgt Ion:	198	Resp:	3607
Ion Ratio	Lower	Upper	
198	100		
51	81.9	37.7	77.7#
105	70.8	36.3	76.3



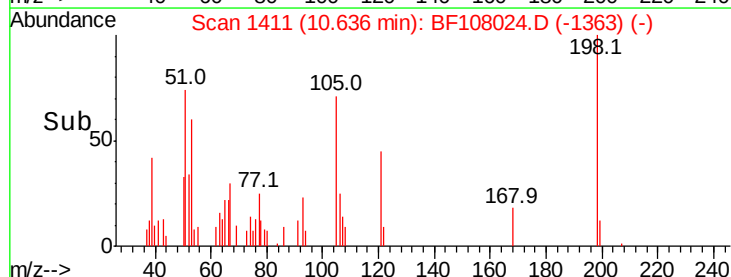
Abundance Ion 198.00 (197.70 to 198.70): E

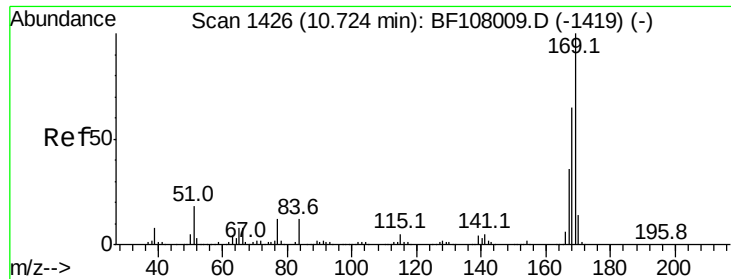
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

10.64

Time-->





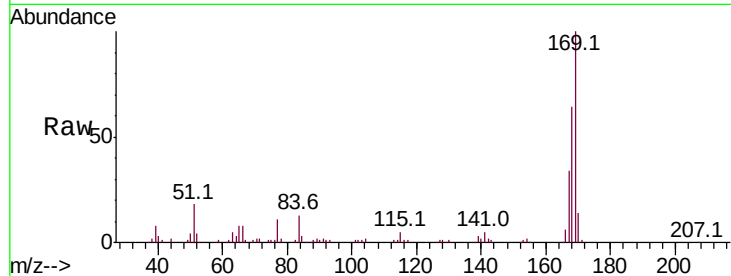
#65
n-Nitrosodiphenylamine
Concen: 4.431 ng
RT: 10.71 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF108024.D
Acq: 8 Aug 2018 17:21

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	64.5	54.4	81.6	
167	34.0	29.8	44.6	

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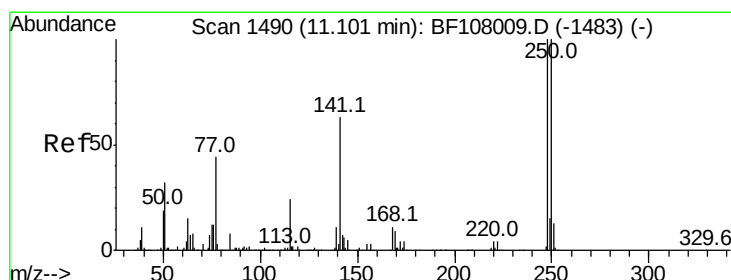
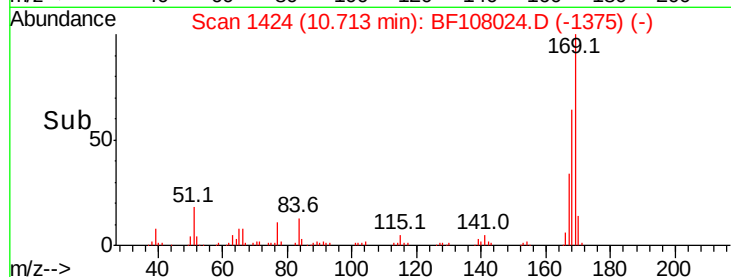
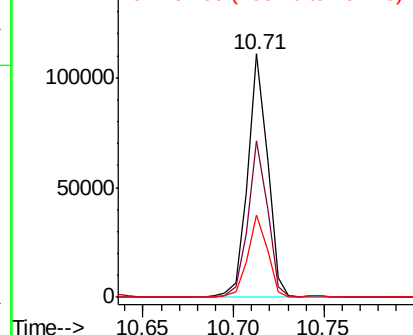


Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
4-Bromophenyl-phenylether
Concen: 4.298 ng
RT: 11.10 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BF108024.D
Acq: 8 Aug 2018 17:21

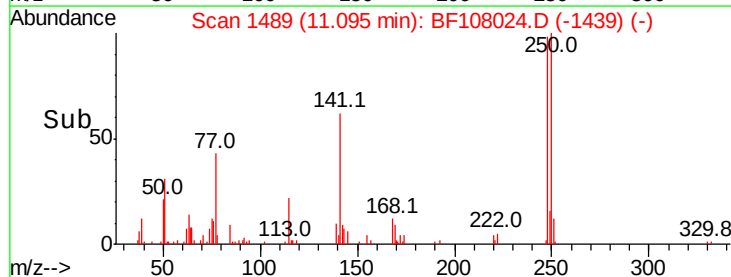
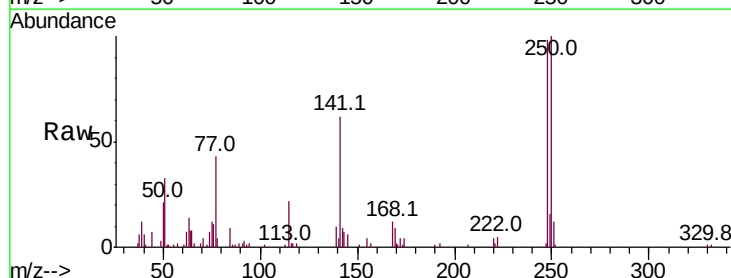
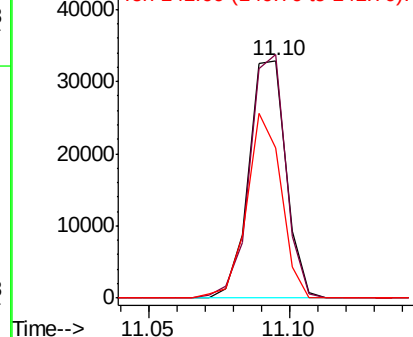
Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	102.5	76.9	115.3	
141	63.4	74.4	111.6	

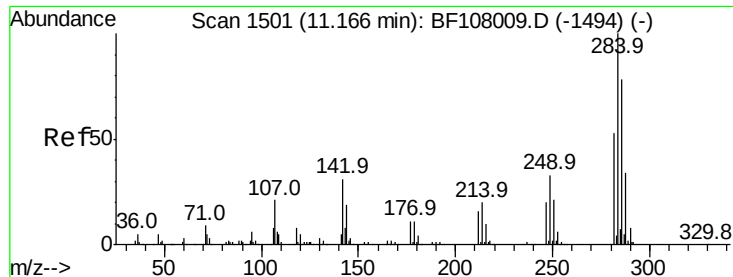
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 4.405 ng

RT: 11.15 min Scan# 1499

Delta R.T. -0.01 min

Lab File: BF108024.D

Acq: 8 Aug 2018 17:21

Instrument :

BNA_F

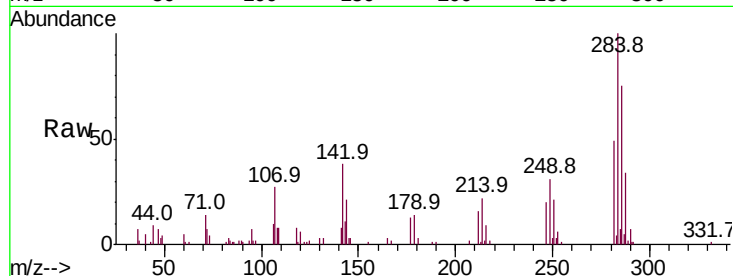
ClientSampleId :

MDL-SOIL-03-QT3-2018

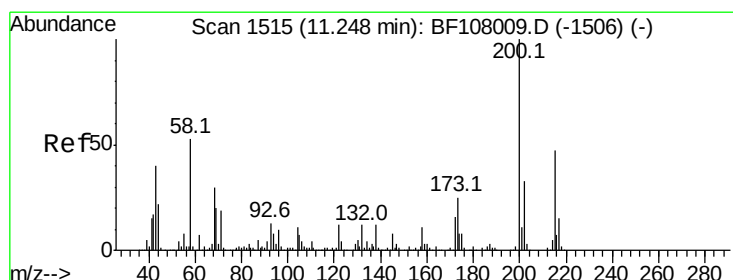
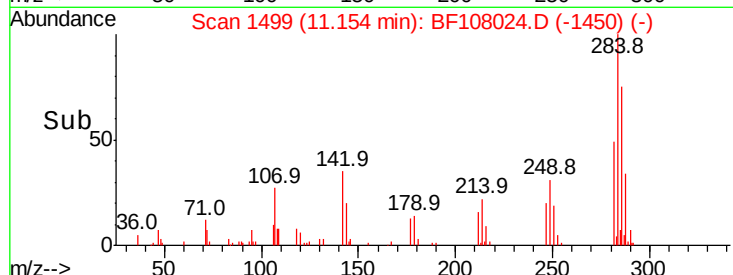
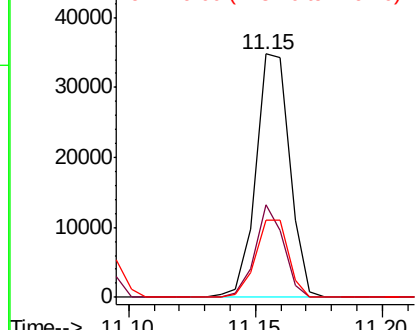
Tot Ion:	284	Resp:	32576
Ion Ratio	Lower	Upper	
284	100		
142	38.0	34.6	52.0
249	31.5	24.8	37.2

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 4.060 ng

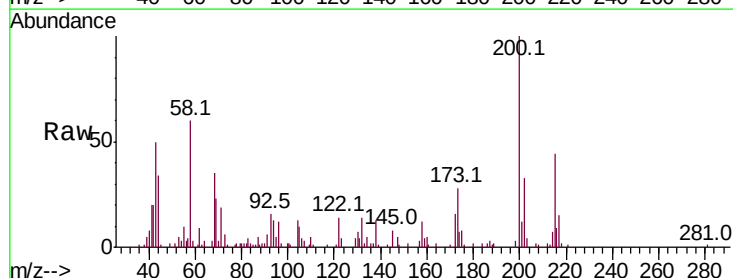
RT: 11.23 min Scan# 1512

Delta R.T. -0.02 min

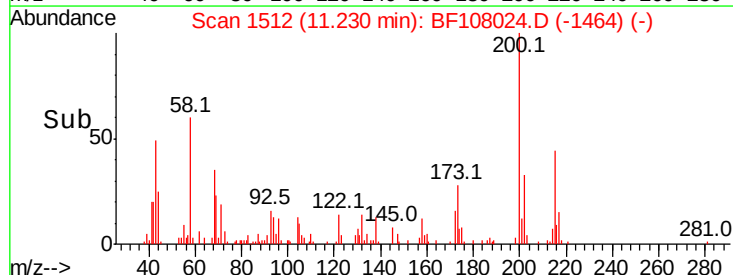
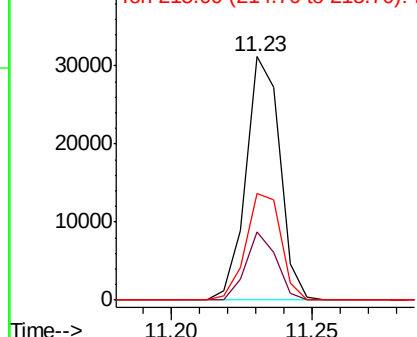
Lab File: BF108024.D

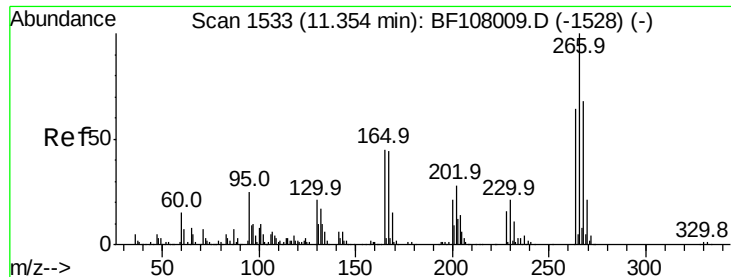
Acq: 8 Aug 2018 17:21

Tgt Ion:	200	Resp:	26027
Ion Ratio	Lower	Upper	
200	100		
173	28.1	8.6	48.6
215	43.9	25.1	65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





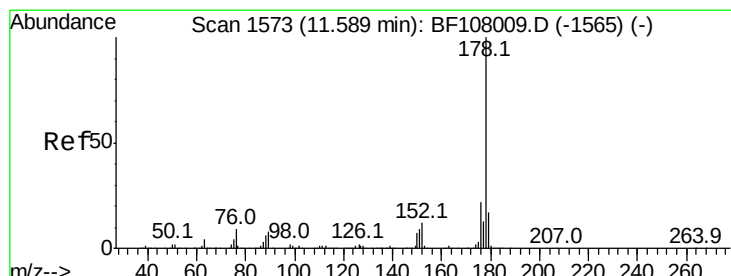
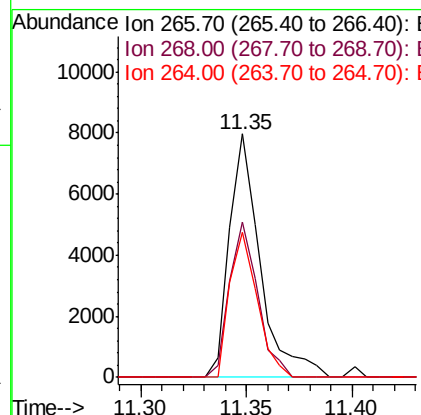
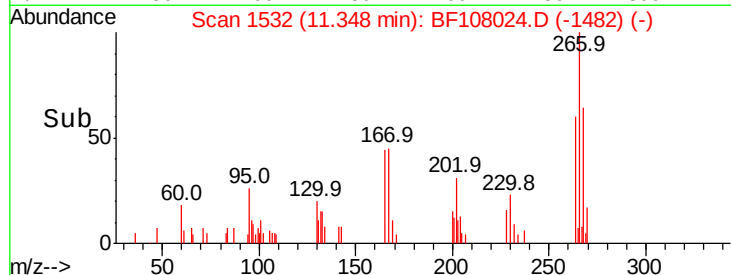
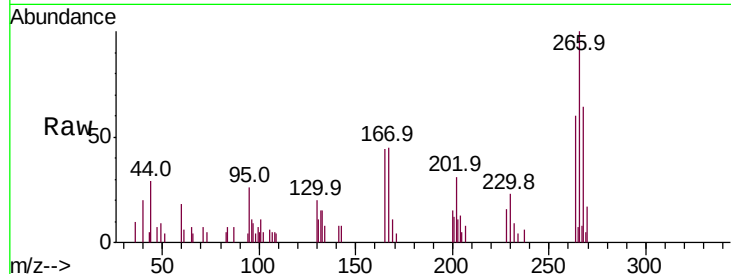
#69
 Pentachlorophenol
 Concen: 2.282 ng
 RT: 11.35 min Scan# 1532
 Delta R.T. -0.01 min
 Lab File: BF108024.D
 Acq: 8 Aug 2018 17:21

Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT3-2018

Tot Ion:	266	Resp:	8076
Ion Ratio	Lower	Upper	
266	100		
268	64.0	51.1	76.7
264	59.7	49.5	74.3

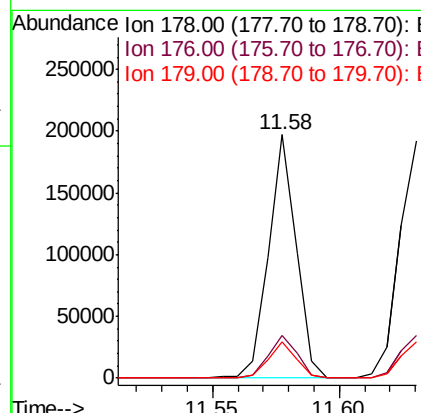
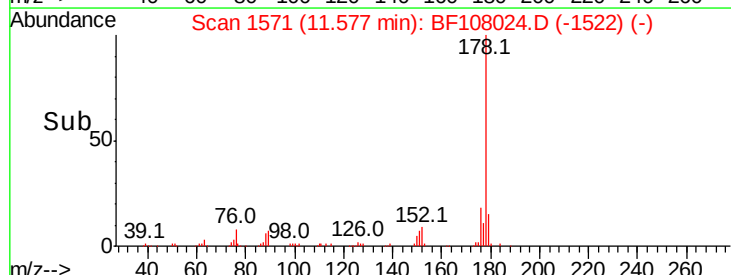
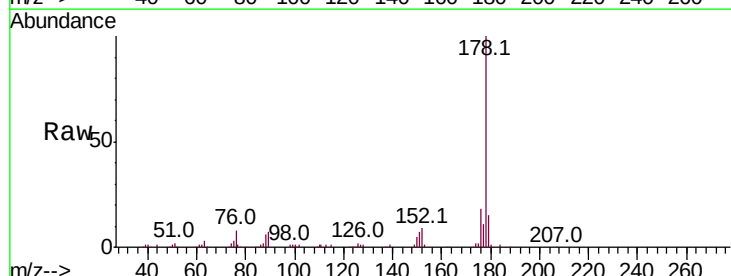
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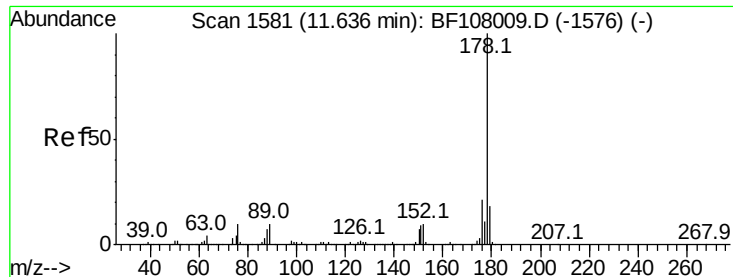
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#70
 Phenanthrene
 Concen: 4.967 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF108024.D
 Acq: 8 Aug 2018 17:21

Tgt Ion:	178	Resp:	151507
Ion Ratio	Lower	Upper	
178	100		
176	17.5	15.8	23.8
179	15.1	13.0	19.6





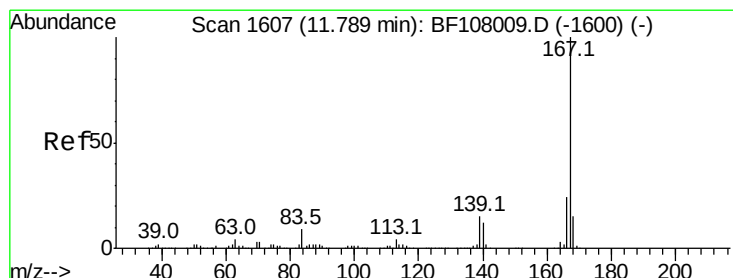
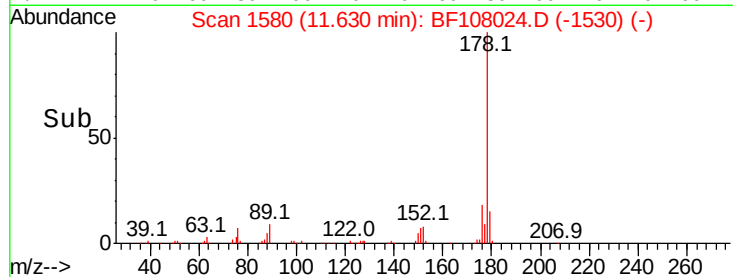
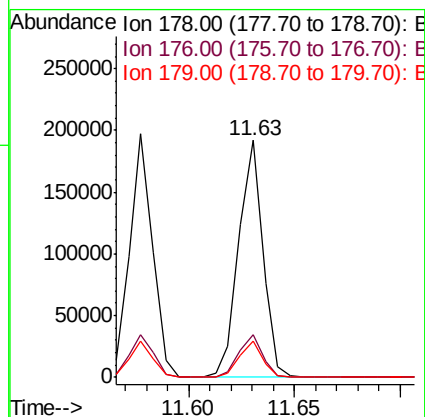
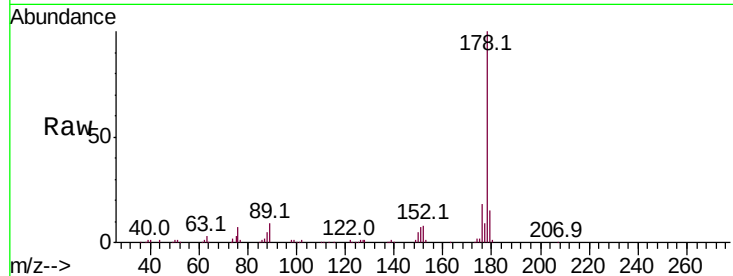
#71
 Anthracene
 Concen: 4.887 ng
 RT: 11.63 min Scan# 1580
 Delta R.T. -0.01 min
 Lab File: BF108024.D
 Acq: 8 Aug 2018 17:21

Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.4	23.2
179	15.4	12.6	19.0

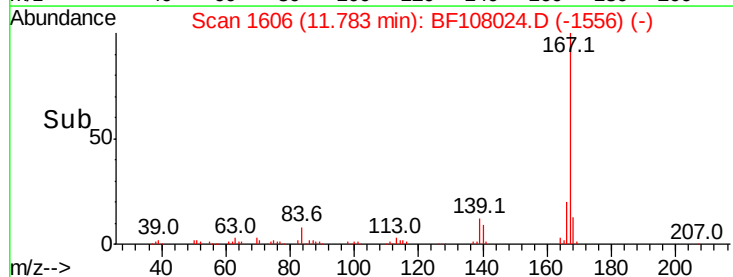
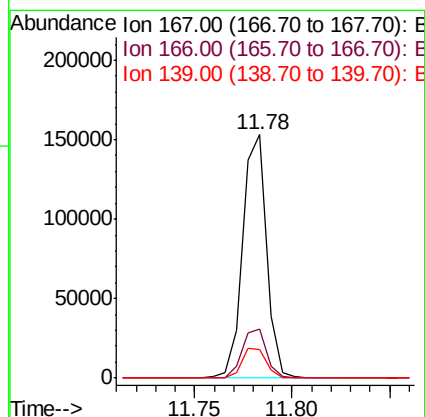
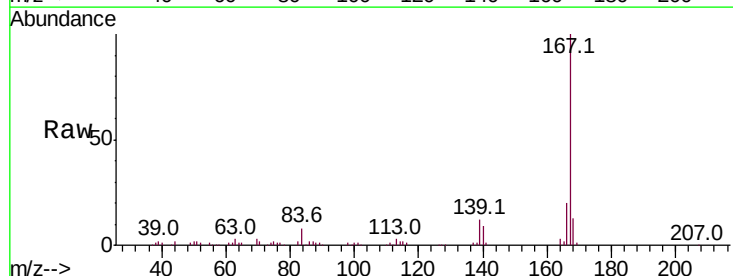
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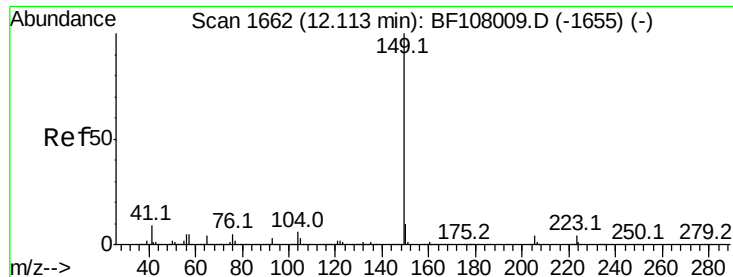
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#72
 Carbazole
 Concen: 4.685 ng
 RT: 11.78 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BF108024.D
 Acq: 8 Aug 2018 17:21

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.3	17.6	26.4
139	12.0	10.9	16.3





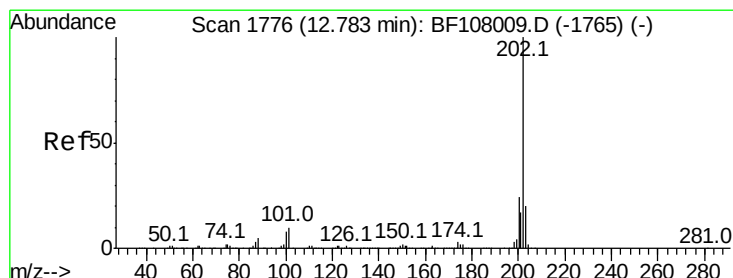
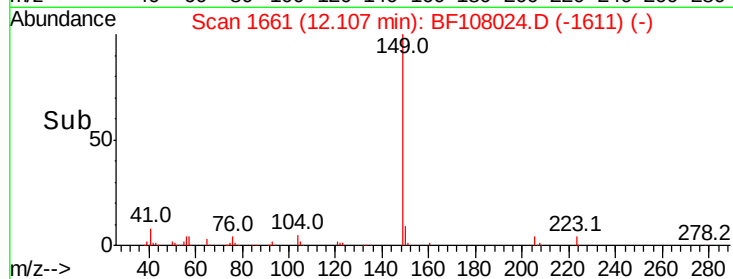
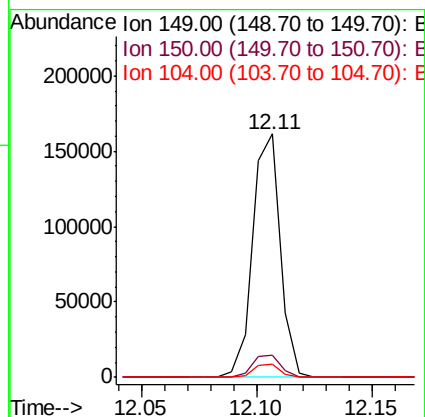
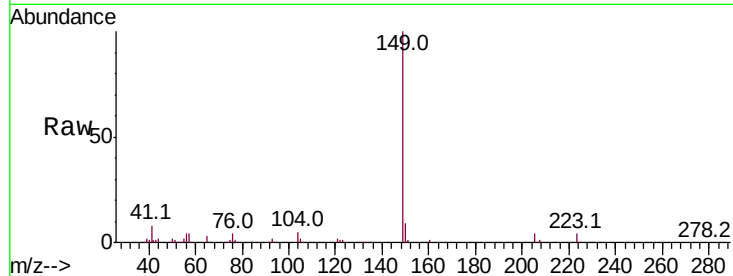
#73
Di-n-butylphthalate
Concen: 4.301 ng
RT: 12.11 min Scan# 1661
Delta R.T. -0.01 min
Lab File: BF108024.D
Acq: 8 Aug 2018 17:21

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.0	7.8	11.6	
104	5.4	3.8	5.8	

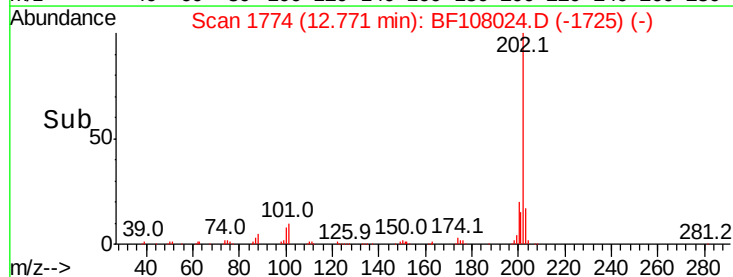
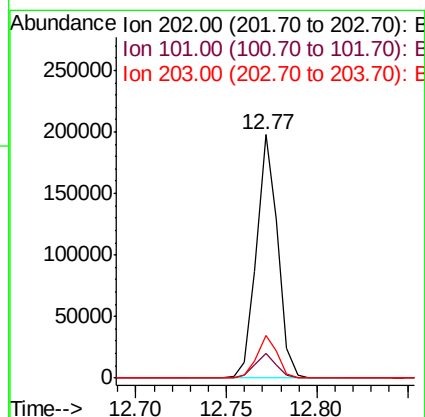
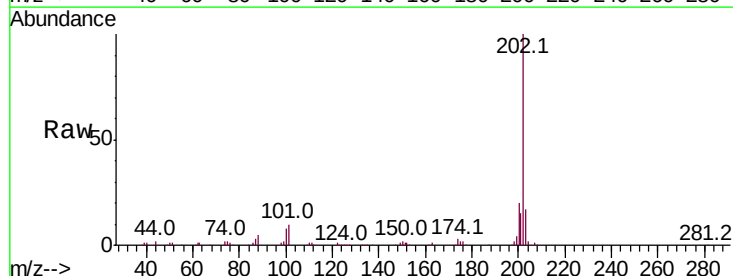
Manual Integrations
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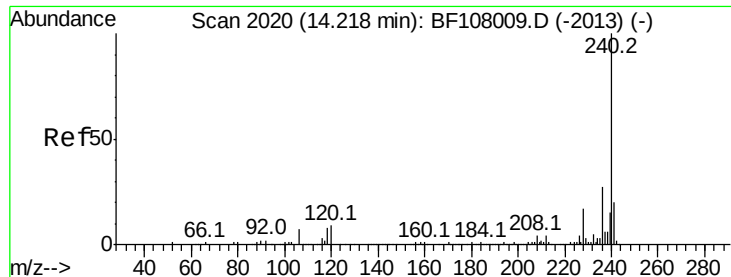
Sohil
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#74
Fluoranthene
Concen: 4.832 ng
RT: 12.77 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BF108024.D
Acq: 8 Aug 2018 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	10.2	0.0	34.1	
203	17.4	0.0	38.1	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.21 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF108024.D

Acq: 8 Aug 2018 17:21

Instrument :

BNA_F

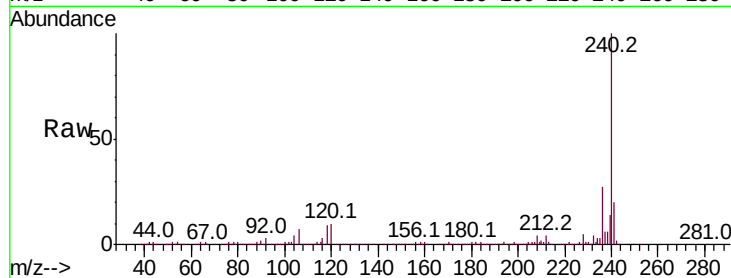
ClientSampleId :

MDL-SOIL-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.5	14.3
236	27.4	20.7	31.1

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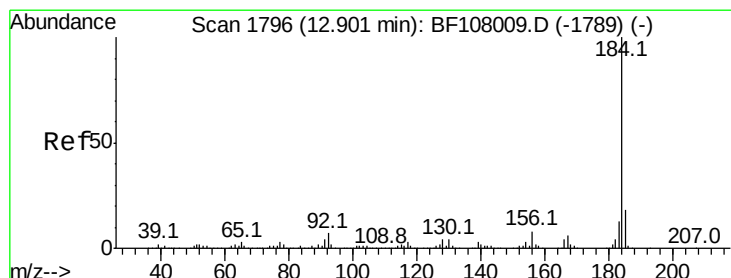
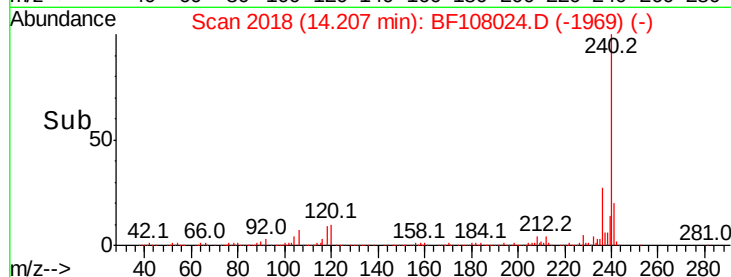
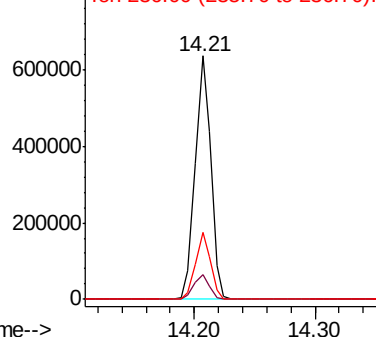


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 0.891 ng m

RT: 12.89 min Scan# 1794

Delta R.T. -0.01 min

Lab File: BF108024.D

Acq: 8 Aug 2018 17:21

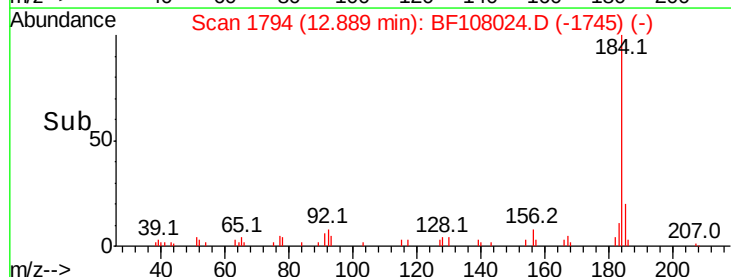
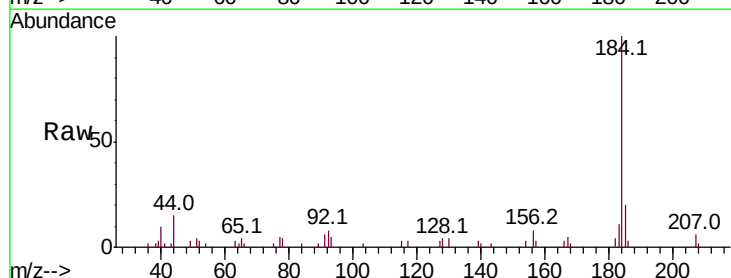
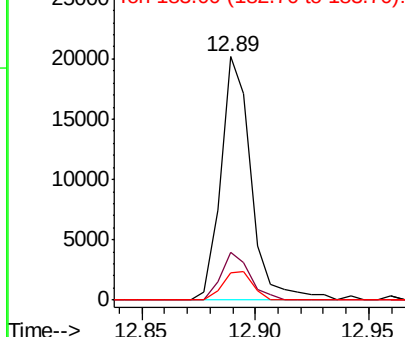
Tgt Ion	Ratio	Lower	Upper
184	100		
185	19.6	12.6	18.8#
183	11.2	9.3	13.9

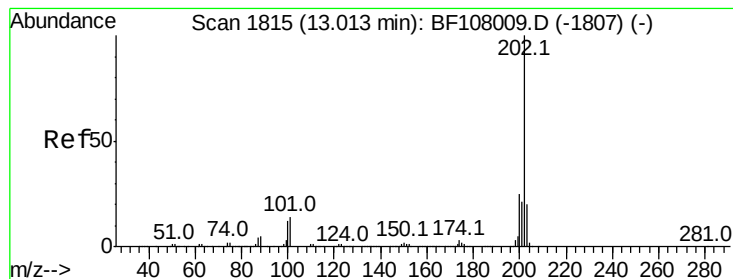
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 4.486 ng

RT: 13.01 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BF108024.D

Acq: 8 Aug 2018 17:21

Instrument :

BNA_F

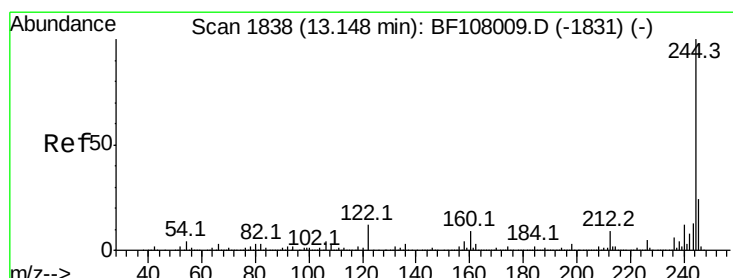
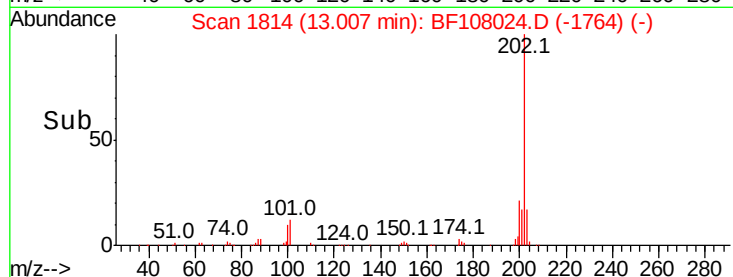
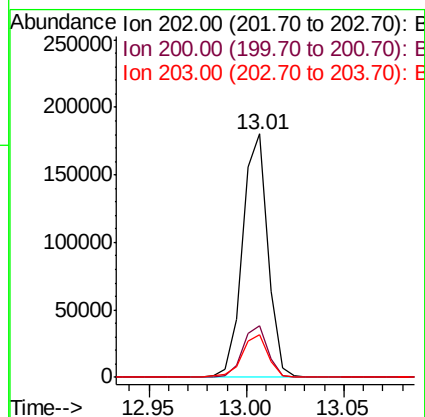
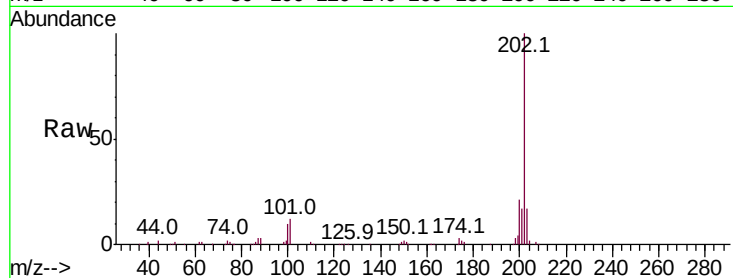
ClientSampleId :

MDL-SOIL-03-QT3-2018

Tot Ion:	202	Resp:	161908
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.4	26.2
203	17.4	14.3	21.5

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#78

Terphenyl-d14

Concen: 94.684 ng

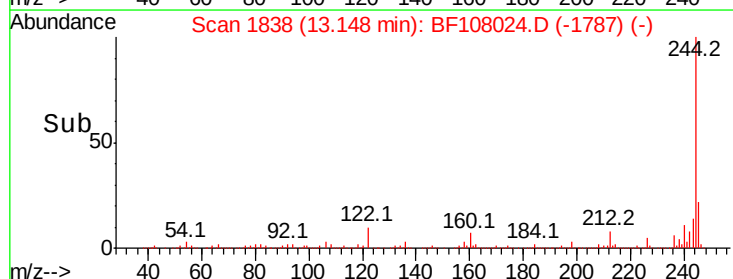
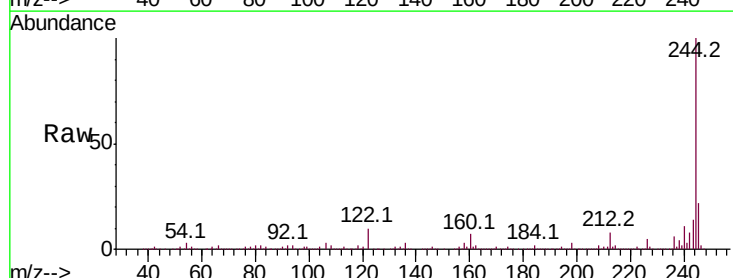
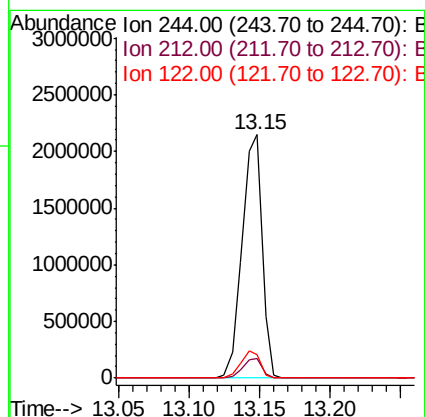
RT: 13.15 min Scan# 1838

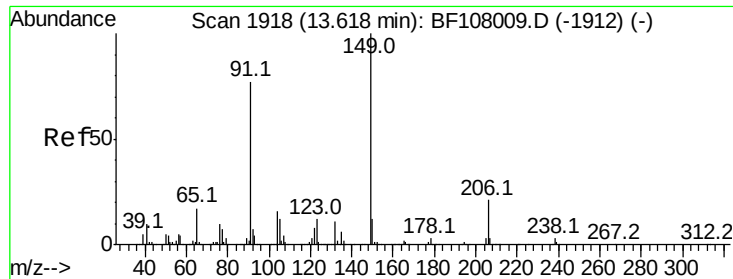
Delta R.T. 0.00 min

Lab File: BF108024.D

Acq: 8 Aug 2018 17:21

Tgt Ion:	244	Resp:	2123109
Ion Ratio	Lower	Upper	
244	100		
212	8.1	5.4	8.0#
122	9.7	11.0	16.4#





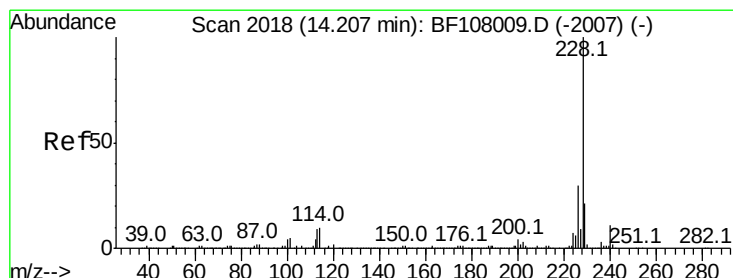
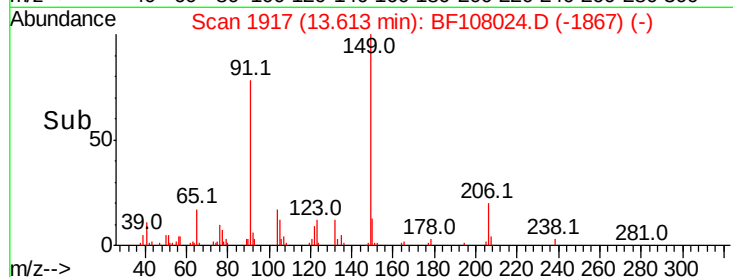
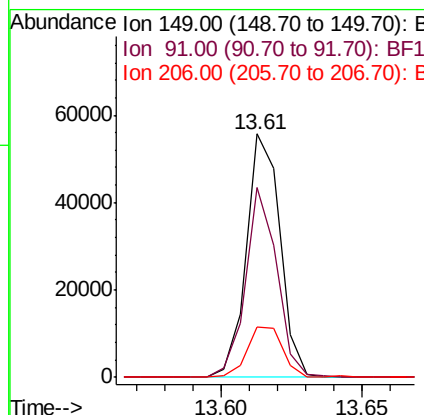
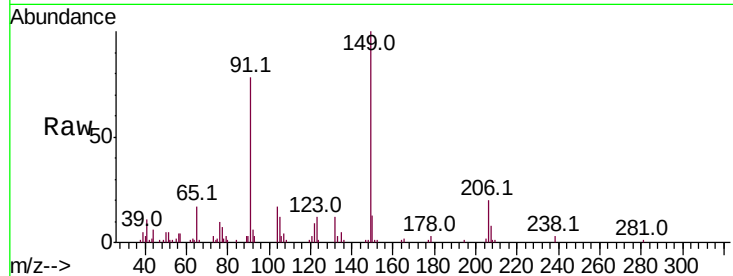
#79
Butylbenzylphthalate
Concen: 3.207 ng
RT: 13.61 min Scan# 1917
Delta R.T. -0.01 min
Lab File: BF108024.D
Acq: 8 Aug 2018 17:21

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
149	100		
91	78.2	56.8	85.2
206	20.4	14.1	21.1

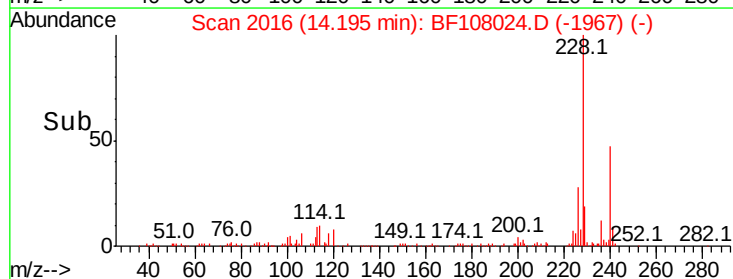
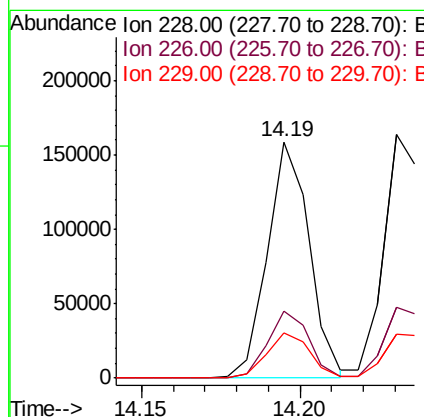
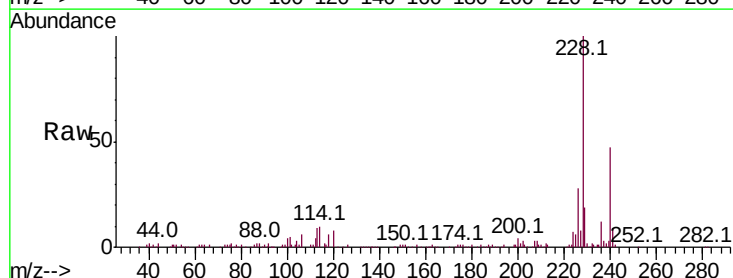
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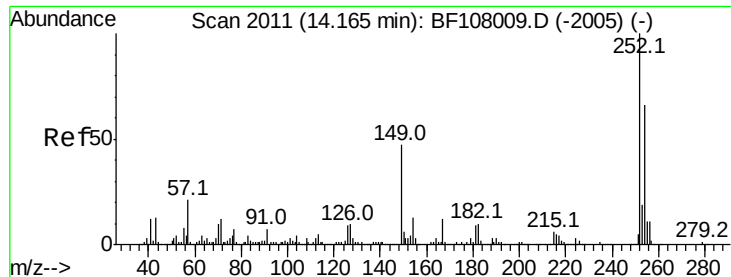
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#80
Benzo(a)anthracene
Concen: 4.474 ng
RT: 14.19 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF108024.D
Acq: 8 Aug 2018 17:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	19.2	15.8	23.6





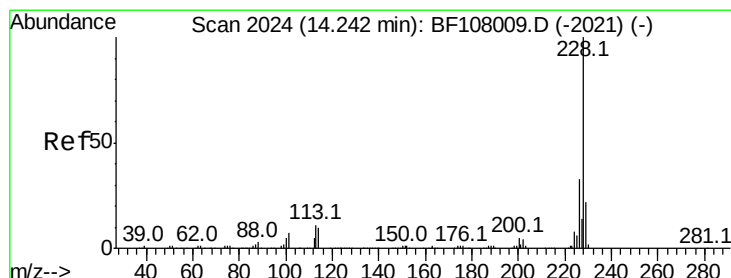
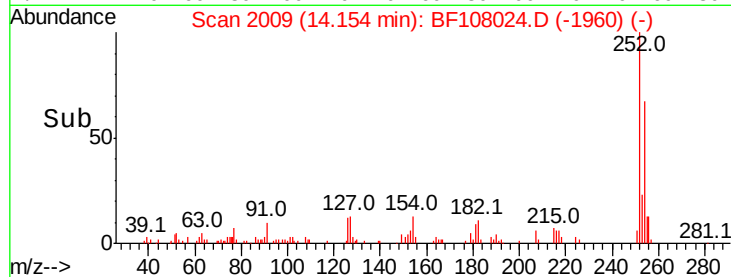
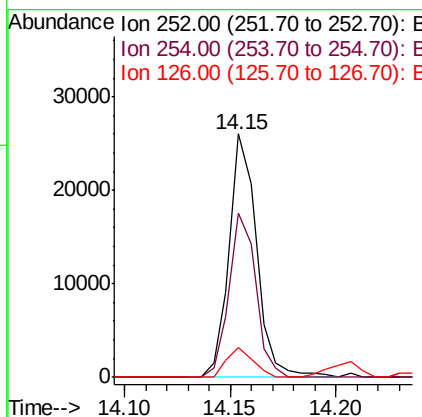
#81
 3,3'-Dichlorobenzidine
 Concen: 2.000 ng
 RT: 14.15 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF108024.D
 Acq: 8 Aug 2018 17:21

Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT3-2018

Tot Ion:	252	Resp:	23447
Ion Ratio	Lower	Upper	
252	100		
254	67.4	50.4	75.6
126	12.1	11.3	16.9

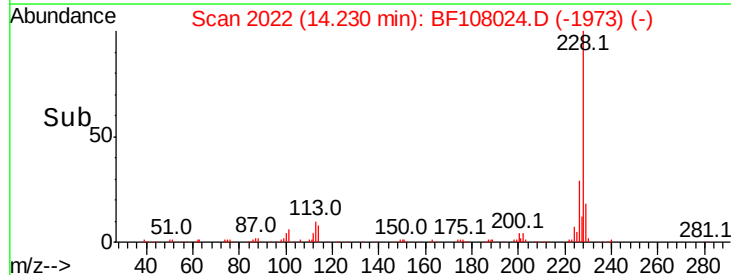
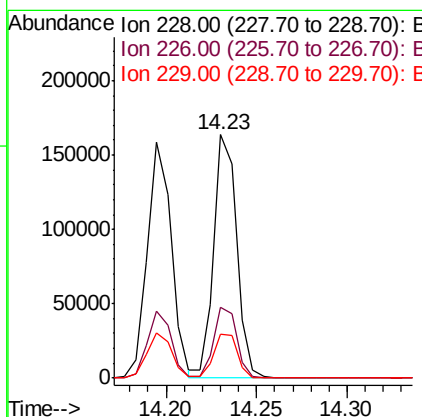
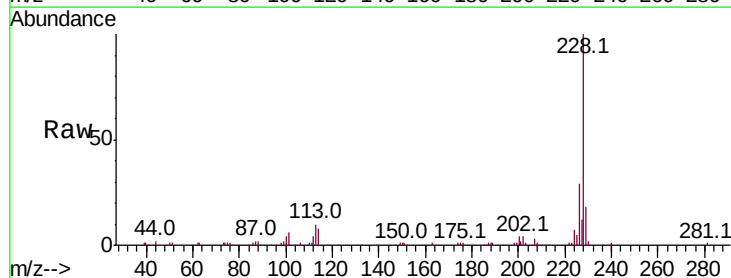
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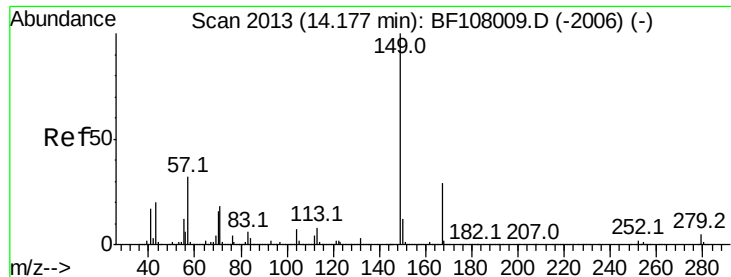
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#82
 Chrysene
 Concen: 4.830 ng
 RT: 14.23 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF108024.D
 Acq: 8 Aug 2018 17:21

Tgt Ion:	228	Resp:	144892
Ion Ratio	Lower	Upper	
228	100		
226	28.9	25.0	37.6
229	18.2	16.2	24.4





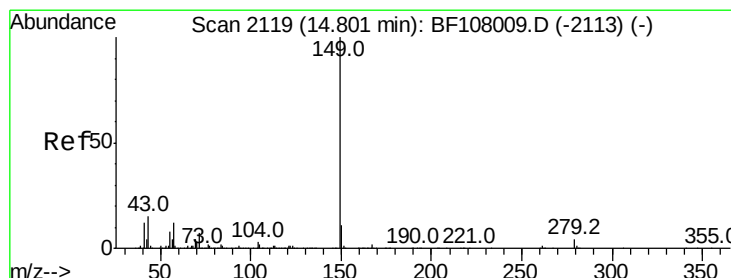
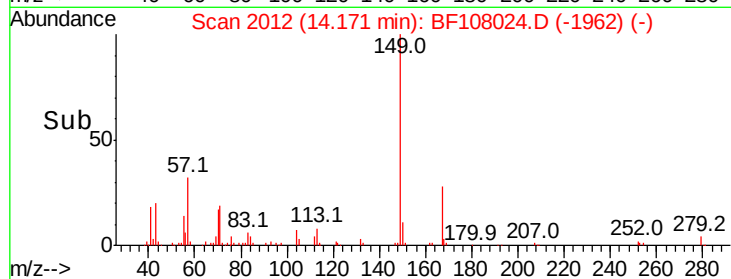
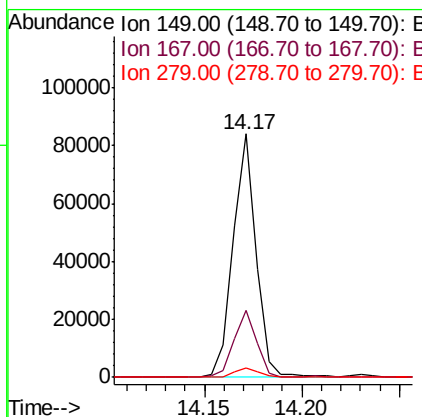
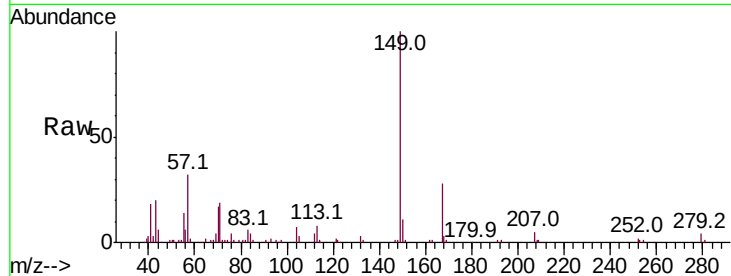
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.551 ng
 RT: 14.17 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF108024.D
 Acq: 8 Aug 2018 17:21

Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.3	31.9
279	3.8	3.0	4.4

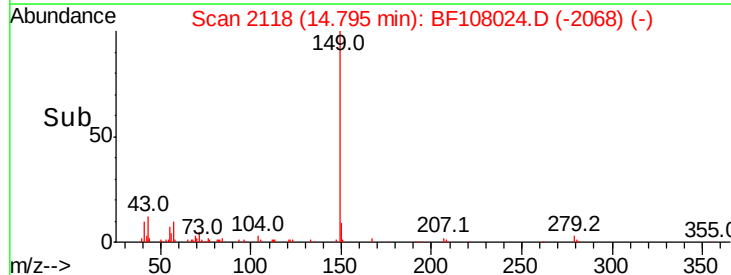
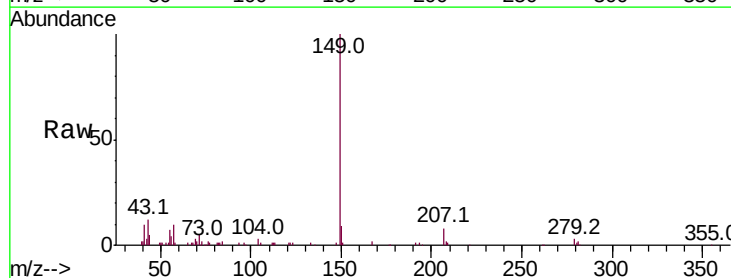
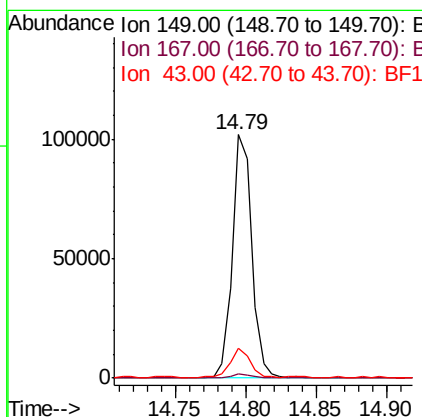
Manual Integrations
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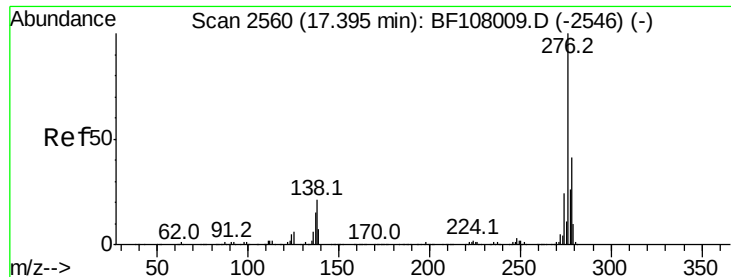
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#84
 Di-n-octyl phthalate
 Concen: 3.320 ng
 RT: 14.79 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: BF108024.D
 Acq: 8 Aug 2018 17:21

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	13.3	8.4	12.6





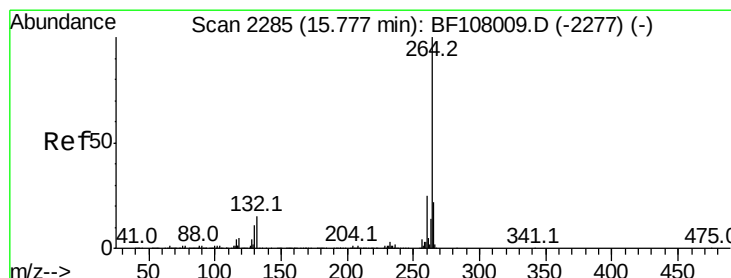
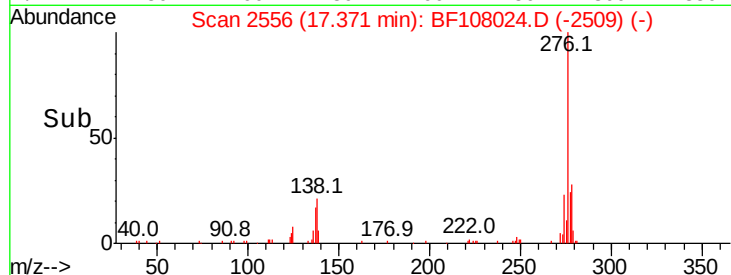
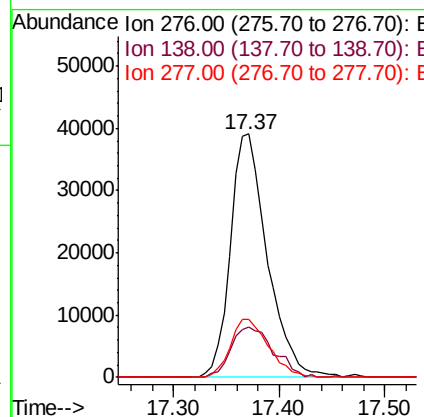
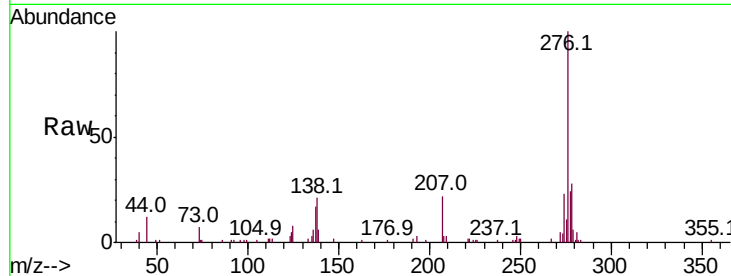
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.626 ng
 RT: 17.37 min Scan# 2556
 Delta R.T. -0.02 min
 Lab File: BF108024.D
 Acq: 8 Aug 2018 17:21

Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.9	25.0	37.6#
277	24.8	20.1	30.1

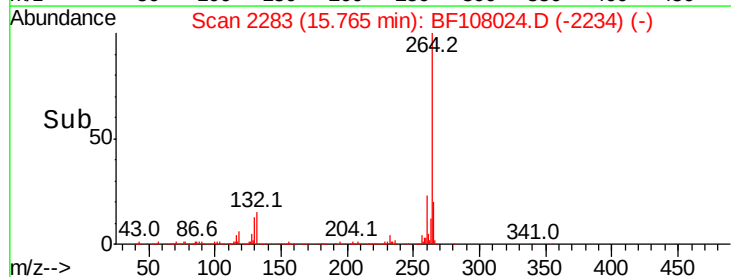
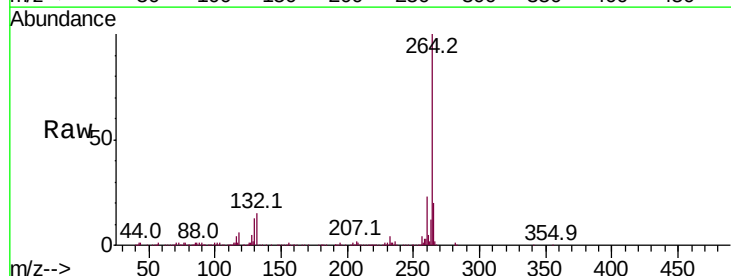
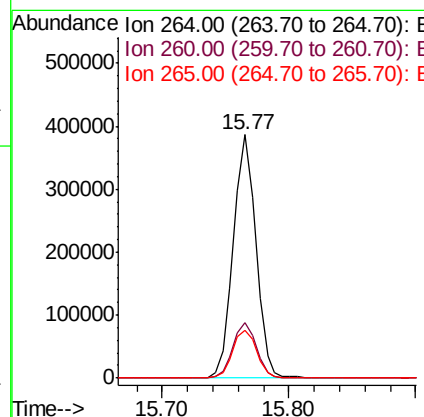
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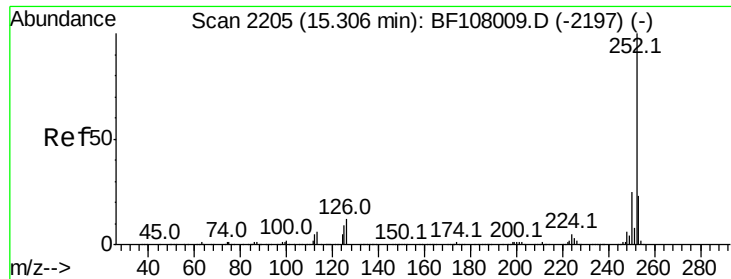
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.77 min Scan# 2283
 Delta R.T. -0.01 min
 Lab File: BF108024.D
 Acq: 8 Aug 2018 17:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	19.7	17.5	26.3





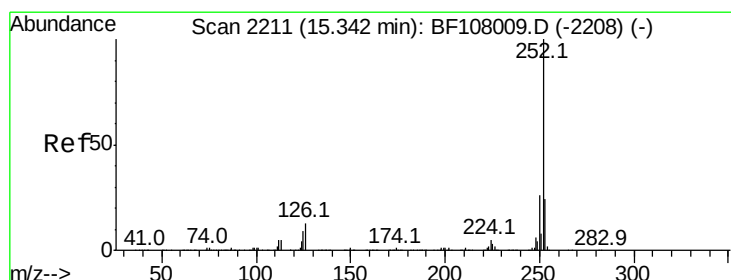
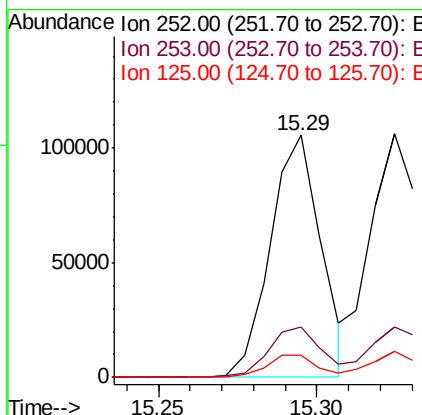
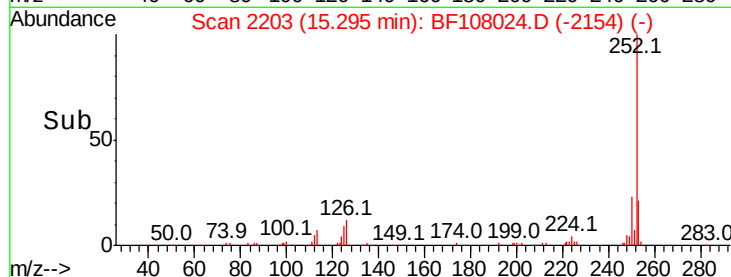
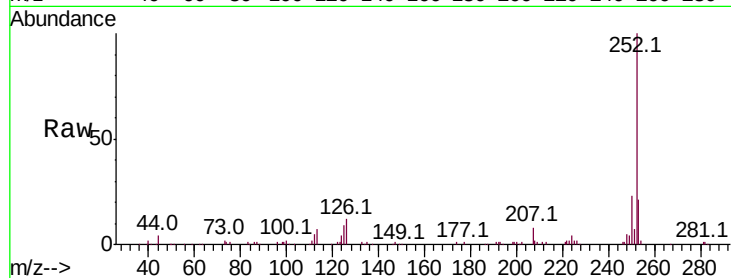
#87
Benzo(b)fluoranthene
Concen: 4.117 ng
RT: 15.29 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF108024.D
Acq: 8 Aug 2018 17:21

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.0	25.6
125	9.1	9.0	13.6

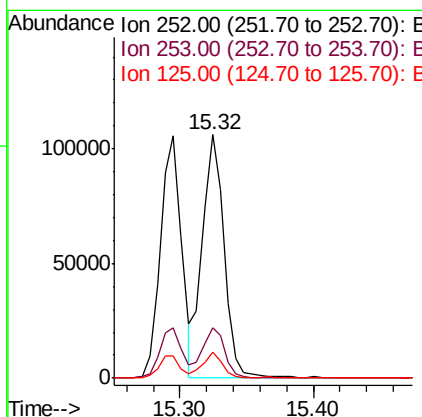
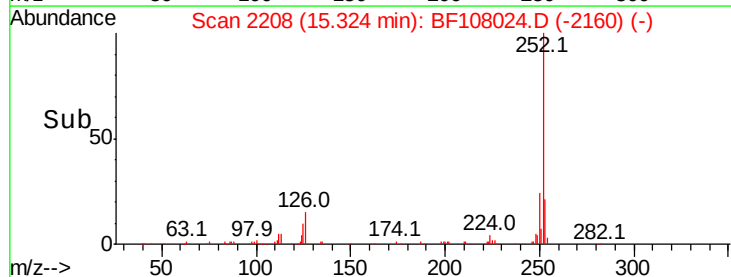
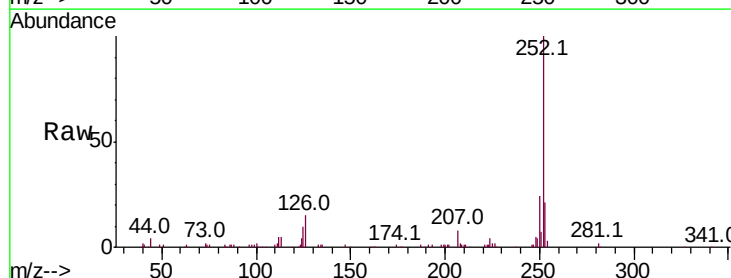
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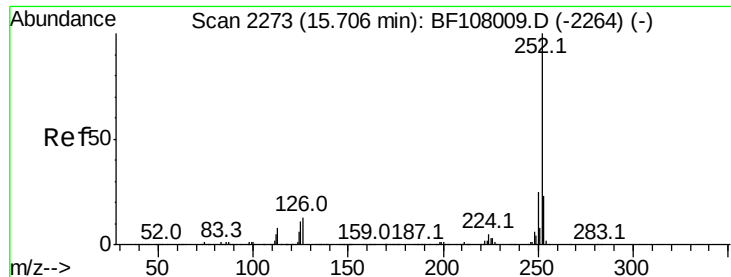
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#88
Benzo(k)fluoranthene
Concen: 4.632 ng
RT: 15.32 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BF108024.D
Acq: 8 Aug 2018 17:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.6	17.9	26.9
125	10.4	10.2	15.2





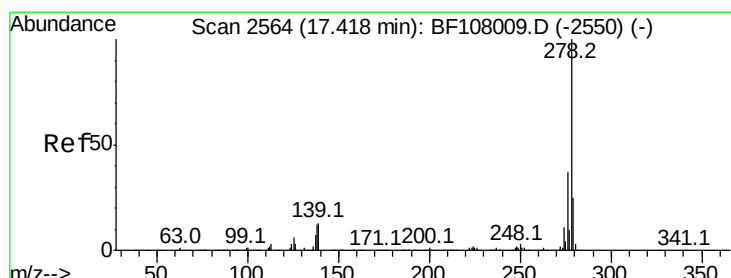
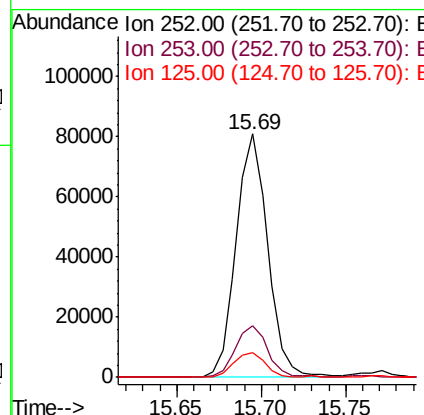
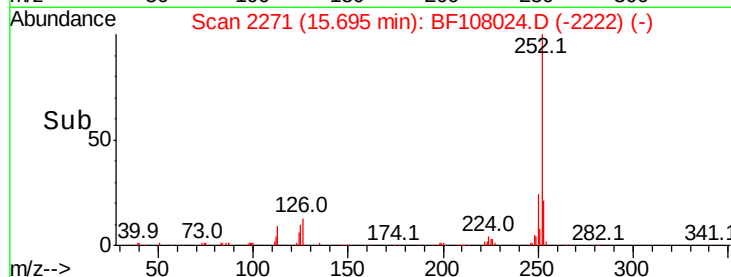
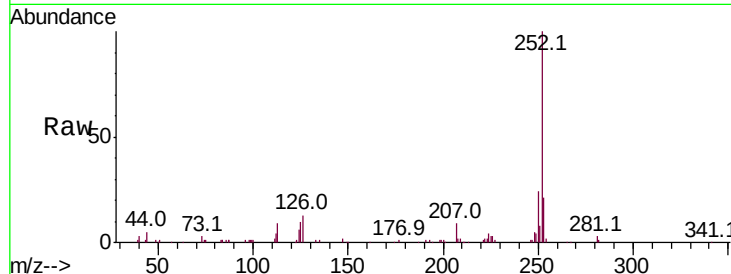
#89
Benzo(a)pyrene
Concen: 4.151 ng
RT: 15.69 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF108024.D
Acq: 8 Aug 2018 17:21

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	21.1	17.1	25.7	
125	10.0	9.8	14.6	

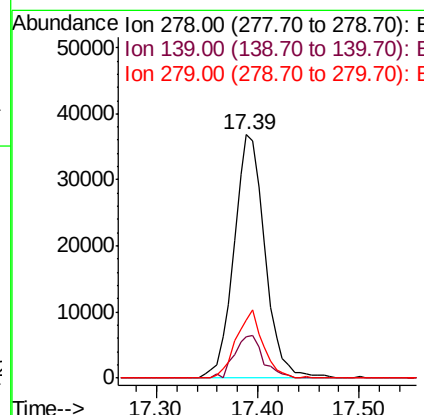
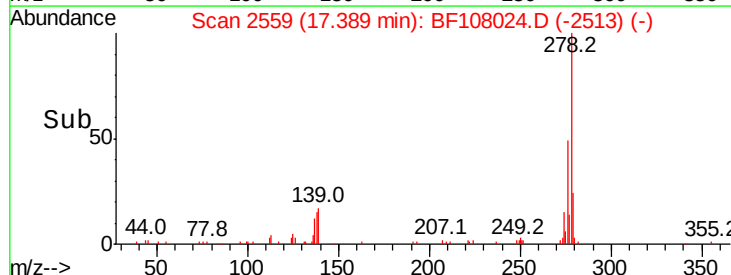
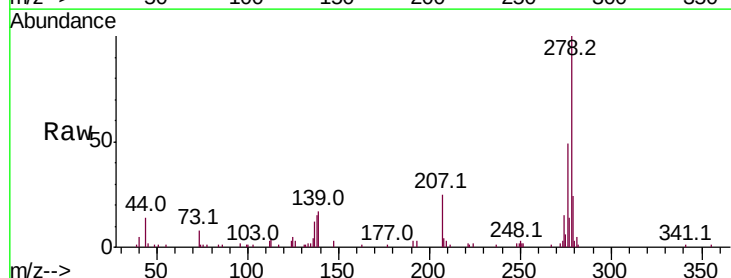
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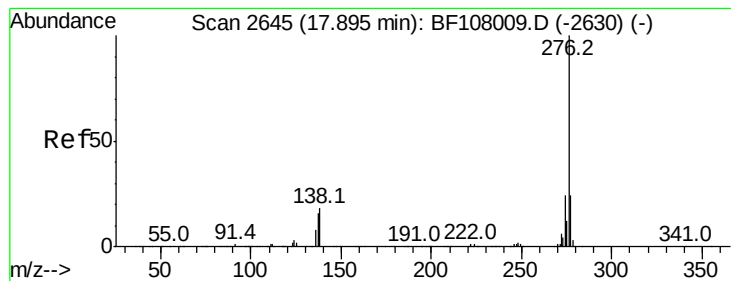
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#90
Dibenzo(a,h)anthracene
Concen: 3.705 ng
RT: 17.39 min Scan# 2559
Delta R.T. -0.03 min
Lab File: BF108024.D
Acq: 8 Aug 2018 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
278	100			
139	16.9	15.9	23.9	
279	24.0	19.0	28.4	





#91

Benzo(a,h,i)perylene

Concen: 3.622 ng

RT: 17.86 min Scan# 2639

Delta R.T. -0.04 min

Lab File: BF108024.D

Acq: 8 Aug 2018 17:21

Instrument :

BNA_F

ClientSampleId :

MDL-SOIL-03-QT3-2018

Tot Ion:	276	Resp:	75228
Ion Ratio		Lower	Upper
276	100		
277	25.1	17.9	26.9
138	27.2	21.8	32.8

Manual Integrations
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