

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
 Data File : BF107358.D
 Acq On : 13 Jul 2018 11:18
 Operator : JU/SJ
 Sample : J3933-04MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-4-7MS

Manual Integrations
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Sohil
 7/16/2018 3:22:01 PM

Quant Time: Jul 13 13:33:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 13 11:54:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	55580	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	199642	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	92135	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	158630	20.00	ng	0.00
75) Chrysene-d12	14.14	240	166782	20.00	ng	0.00
86) Perylene-d12	15.68	264	160991	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	433304	132.01	ng	0.01
7) Phenol-d6	6.58	99	530637	129.46	ng	0.00
23) Nitrobenzene-d5	7.50	82	339443	94.49	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	134451	125.91	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	540548	102.31	ng	0.00
78) Terphenyl-d14	13.06	244	618331	89.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.79	88	48582	28.790	ng	99
3) Pyridine	3.59	79	143768	31.414	ng	99
4) n-Nitrosodimethylamine	3.55	42	61641	31.712	ng	87
6) Aniline	6.60	93	147512	26.530	ng	# 46
8) 2-Chlorophenol	6.72	128	135939	37.760	ng	99
9) Benzaldehyde	6.49	77	84118	27.737	ng	96
10) Phenol	6.60	94	178058	38.064	ng	76
11) bis(2-Chloroethyl)ether	6.67	93	138302	35.812	ng	99
12) 1,3-Dichlorobenzene	6.87	146	158839	37.671	ng	97
13) 1,4-Dichlorobenzene	6.95	146	159036	37.307	ng	97
14) 1,2-Dichlorobenzene	7.10	146	148351	37.973	ng	96
15) Benzyl Alcohol	7.08	79	110408	33.545	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.20	45	191655	37.825	ng	# 14
17) 2-Methylphenol	7.20	107	116319	37.755	ng	# 89
18) Hexachloroethane	7.44	117	53909	35.961	ng	# 84
19) n-Nitroso-di-n-propylamine	7.34	70	94648	35.030	ng	94
20) 3+4-Methylphenols	7.35	107	151362	45.715	ng	# 80
22) Acetophenone	7.34	105	192487	43.096	ng	# 98
24) Nitrobenzene	7.52	77	146647	39.984	ng	98
25) Isophorone	7.75	82	264575	41.795	ng	98
26) 2-Nitrophenol	7.84	139	76210	44.016	ng	93
27) 2,4-Dimethylphenol	7.87	122	122908	45.927	ng	100
28) bis(2-Chloroethoxy)methane	7.95	93	172826	40.662	ng	98
29) 2,4-Dichlorophenol	8.08	162	121303	43.296	ng	93
30) 1,2,4-Trichlorobenzene	8.15	180	136707	44.293	ng	98
31) Naphthalene	8.24	128	388278	41.599	ng	100
32) Benzoic acid	7.98	122	8066	9.380	ng	94
33) 4-Chloroaniline	8.29	127	94452	24.117	ng	99
34) Hexachlorobutadiene	8.34	225	87789	43.652	ng	99
35) Caprolactam	8.67	113	33799	37.008	ng	98
36) 4-Chloro-3-methylphenol	8.79	107	115296	39.096	ng	97
37) 2-Methylnaphthalene	8.93	142	273711	44.242	ng	94
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	141493	45.601	ng	# 95
40) Hexachlorocyclopentadiene	9.07	237	11022	6.904	ng	97

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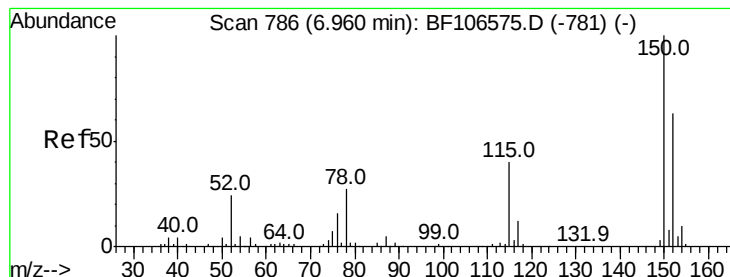
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	75295	36.507	nq	93
43) 2,4,5-Trichlorophenol	9.28	196	71665	33.299	nq	# 87
45) 1,1'-Biphenyl	9.40	154	323995	44.125	nq	97
46) 2-Chloronaphthalene	9.42	162	232234	40.180	nq	95
47) 2-Nitroaniline	9.53	65	69403	35.709	nq	97
48) Acenaphthylene	9.84	152	354519	38.851	nq	99
49) Dimethylphthalate	9.69	163	343330	49.684	nq	98
50) 2,6-Dinitrotoluene	9.77	165	58590	40.041	nq	# 82
51) Acenaphthene	10.01	154	210699	36.668	nq	97
52) 3-Nitroaniline	9.94	138	43897	26.070	nq	100
53) 2,4-Dinitrophenol	10.08	184	8693	16.015	nq	# 17
54) Dibenzofuran	10.18	168	312052	39.659	nq	96
55) 4-Nitrophenol	10.14	139	27479	23.380	nq	99
56) 2,4-Dinitrotoluene	10.18	165	68403	35.814	nq	93
57) Fluorene	10.53	166	244163	39.105	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.31	232	57993	33.899	nq	# 72
59) Diethylphthalate	10.39	149	243128	36.453	nq	# 94
60) 4-Chlorophenyl-phenylether	10.51	204	132845	40.664	nq	# 85
61) 4-Nitroaniline	10.57	138	45996	27.524	nq	92
62) Azobenzene	10.68	77	226309	34.457	nq	91
64) 4,6-Dinitro-2-methylphenol	10.60	198	16045	16.363	nq	74
65) n-Nitrosodiphenylamine	10.64	169	210037	39.365	nq	99
66) 4-Bromophenyl-phenylether	11.01	248	83389	44.047	nq	# 79
67) Hexachlorobenzene	11.08	284	83895	42.340	nq	# 82
68) Atrazine	11.17	200	70546	41.591	nq	95
69) Pentachlorophenol	11.29	266	31303m	31.662	nq	
70) Phenanthrene	11.50	178	369712	48.322	nq	99
71) Anthracene	11.55	178	353571	45.275	nq	99
72) Carbazole	11.71	167	306457	41.914	nq	98
73) Di-n-butylphthalate	12.02	149	344663	40.013	nq	98
74) Fluoranthene	12.70	202	519219	61.570	nq	95
76) Benzidine	12.82	184	107516	22.635	nq	97
77) Pyrene	12.93	202	542785	49.353	nq	99
79) Butylbenzylphthalate	13.52	149	154121	34.083	nq	# 94
80) Benzo(a)anthracene	14.12	228	518239	50.983	nq	99
81) 3,3'-Dichlorobenzidine	14.08	252	116457	32.598	nq	# 95
82) Chrysene	14.17	228	473078	50.588	nq	99
83) Bis(2-ethylhexyl)phthalate	14.08	149	210390	36.393	nq	# 93
84) Di-n-octyl phthalate	14.70	149	393482	41.756	nq	# 95
85) Indeno(1,2,3-cd)pyrene	17.28	276	344044	43.352	nq	# 89
87) Benzo(b)fluoranthene	15.22	252	535563	53.553	nq	# 97
88) Benzo(k)fluoranthene	15.25	252	396395m	41.622	nq	
89) Benzo(a)pyrene	15.62	252	442142m	49.733	nq	
90) Dibenzo(a,h)anthracene	17.28	278	260112m	34.523	nq	
91) Benzo(g,h,i)perylene	17.76	276	283983	38.562	nq	# 91

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



#1

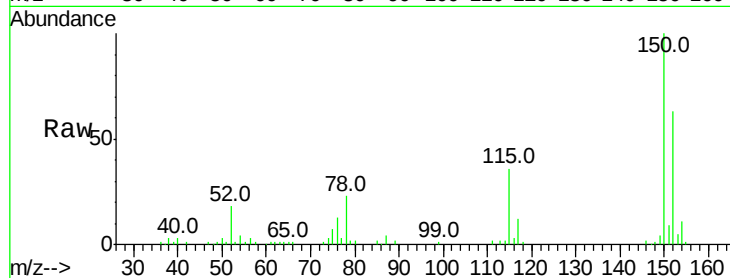
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF107358.D
Acq: 13 Jul 2018 11:18

Instrument :
BNA_F
ClientSampleId :
EP-4-7MS

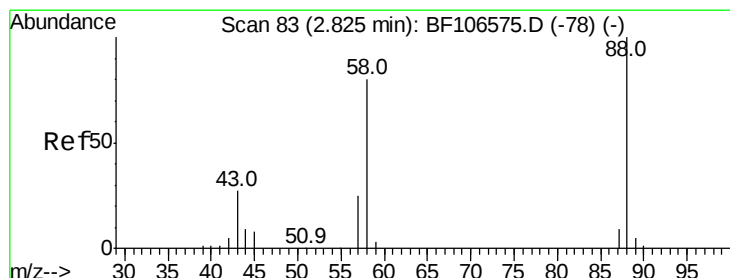
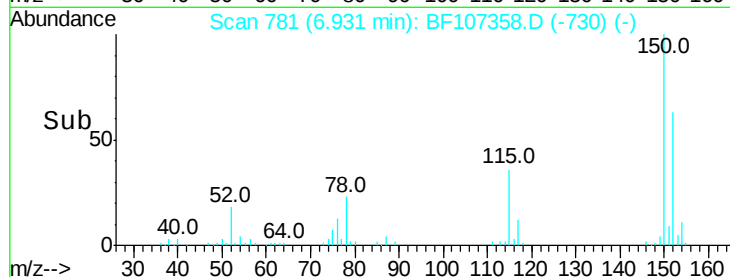
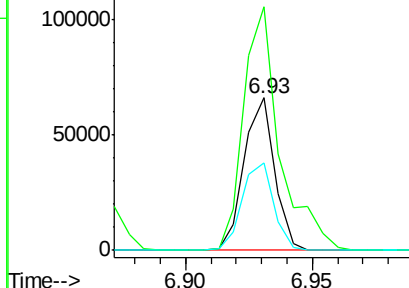
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	124.6	186.8
115	57.5	50.1	75.1

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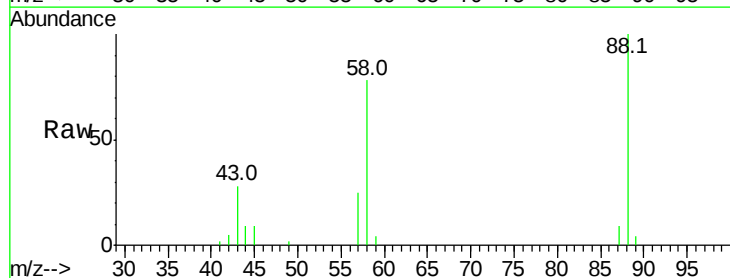
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



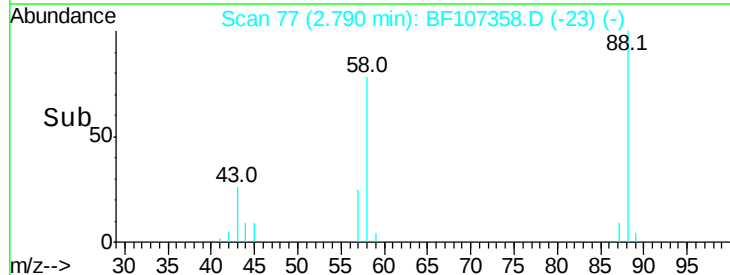
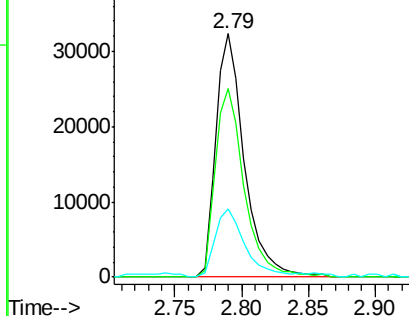
#2

1,4-Dioxane
Concen: 28.790 ng
RT: 2.79 min Scan# 77
Delta R.T. 0.02 min
Lab File: BF107358.D
Acq: 13 Jul 2018 11:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.9	62.6	93.8
43	31.1	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





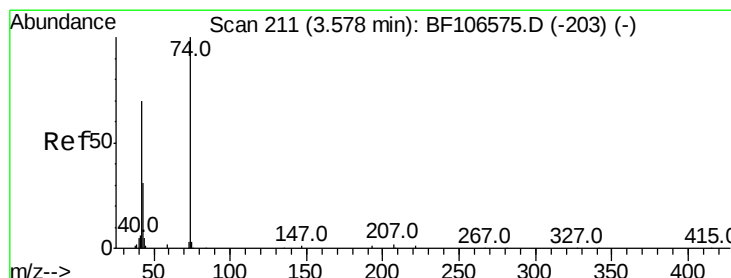
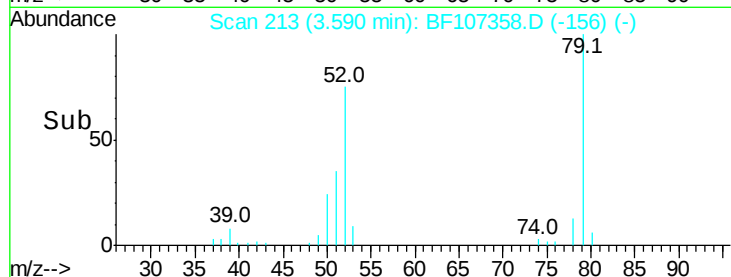
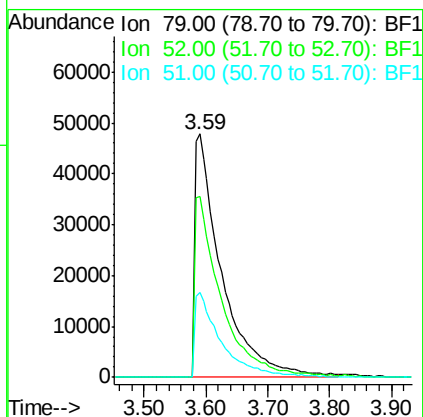
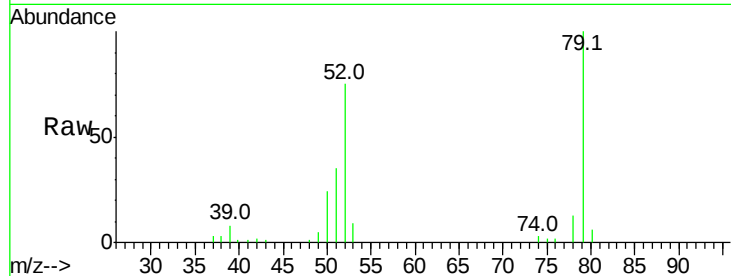
#3
 Pvridine
 Concen: 31.414 ng
 RT: 3.59 min Scan# 213
 Delta R.T. 0.04 min
 Lab File: BF107358.D
 Acq: 13 Jul 2018 11:18

Instrument :
 BNA_F
 ClientSampleId :
 EP-4-7MS

Tot Ion	Ratio	Lower	Upper
79	100		
52	74.6	59.8	89.6
51	34.9	29.8	44.8

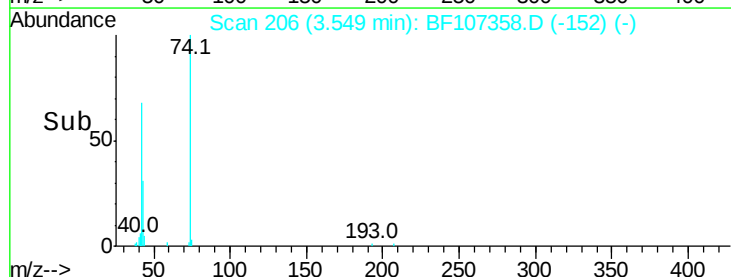
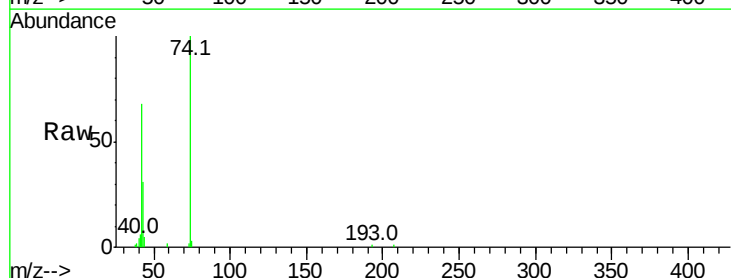
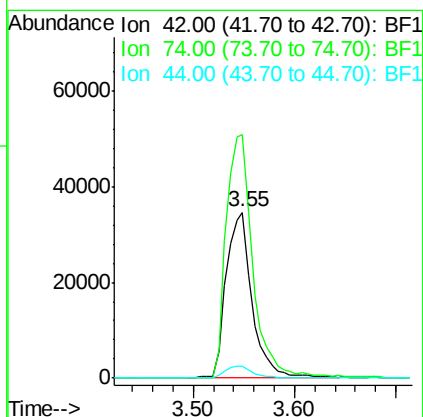
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#4
 n-Nitrosodimethylamine
 Concen: 31.712 ng
 RT: 3.55 min Scan# 206
 Delta R.T. 0.02 min
 Lab File: BF107358.D
 Acq: 13 Jul 2018 11:18

Tgt Ion	Ratio	Lower	Upper
42	100		
74	146.7	104.9	157.3
44	7.1	6.9	10.3





#5

2-Fluorophenol

Concen: 132.012 ng

RT: 5.58 min Scan# 551

Delta R.T. 0.01 min

Lab File: BF107358.D

Acq: 13 Jul 2018 11:18

Instrument :

BNA_F

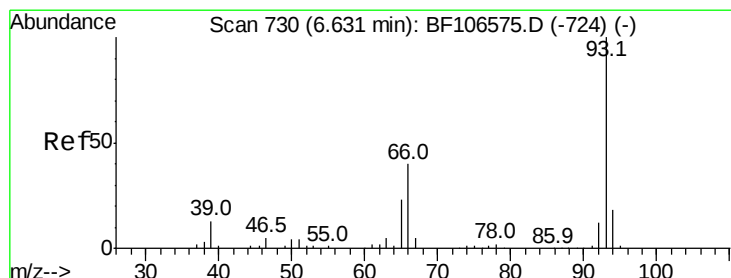
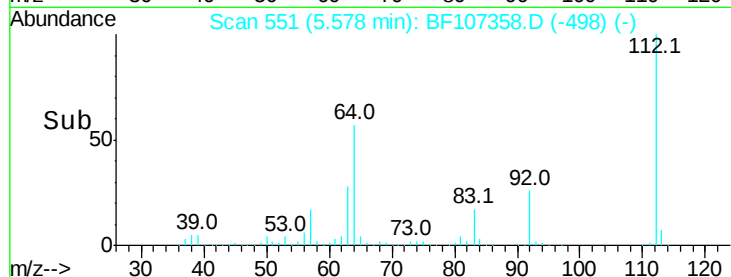
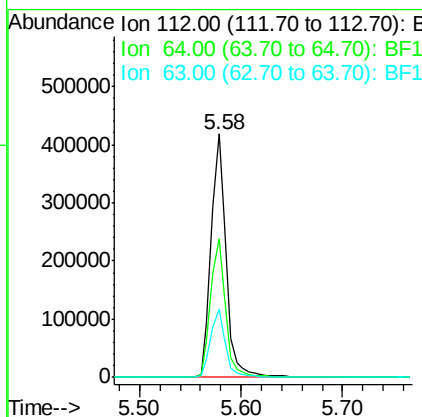
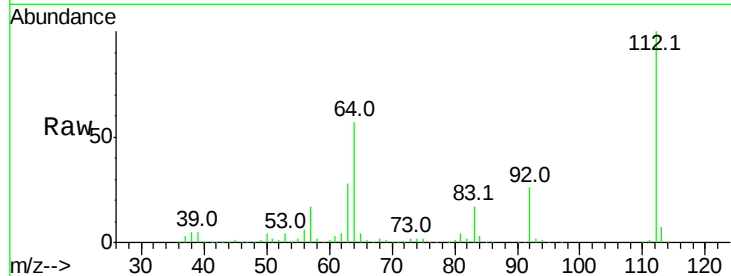
ClientSampled :

EP-4-7MS

Tot Ion:	112	Resp:	433304
Ion Ratio	Lower	Upper	
112	100		
64	57.0	47.9	71.9
63	28.0	23.7	35.5

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#6

Aniline

Concen: 26.530 ng

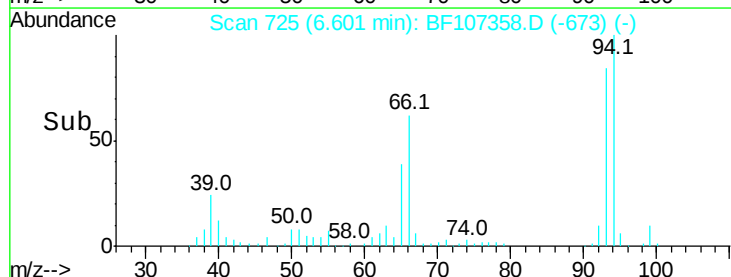
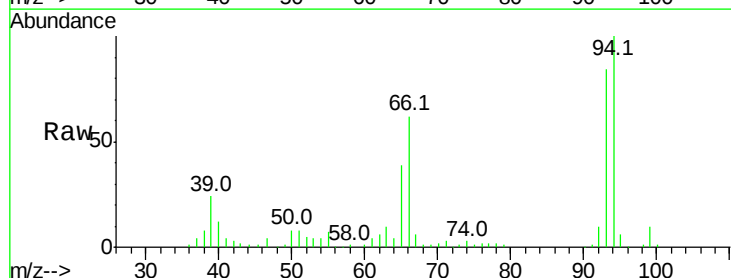
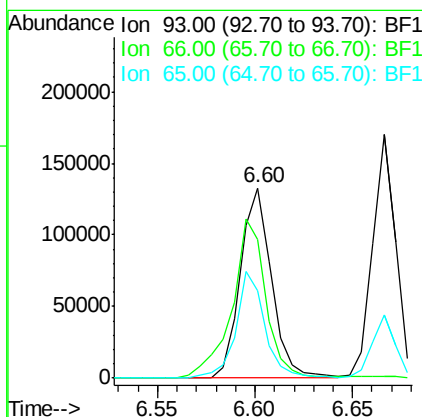
RT: 6.60 min Scan# 725

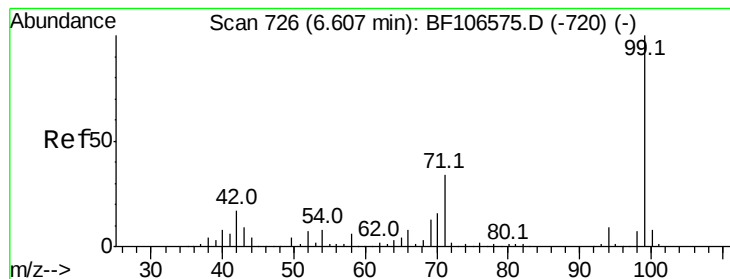
Delta R.T. 0.01 min

Lab File: BF107358.D

Acq: 13 Jul 2018 11:18

Tgt Ion:	93	Resp:	147512
Ion Ratio	Lower	Upper	
93	100		
66	73.2	32.2	48.2#
65	46.2	16.4	24.6#





#7

Phenol-d6

Concen: 129.456 ng

RT: 6.58 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF107358.D

Acq: 13 Jul 2018 11:18

Instrument :

BNA_F

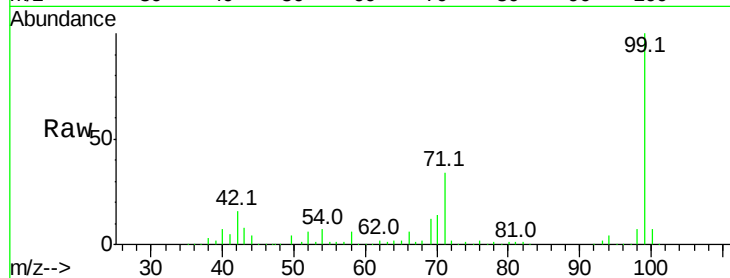
ClientSampled :

EP-4-7MS

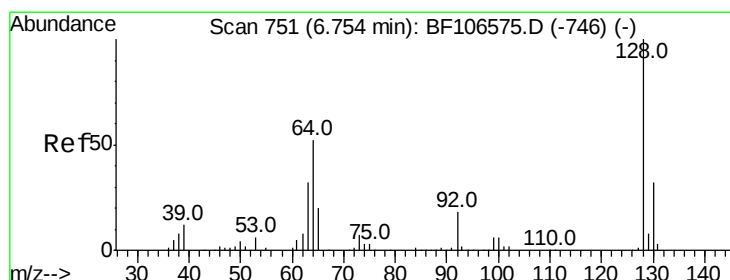
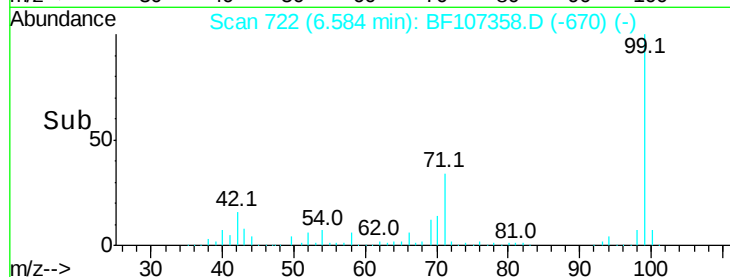
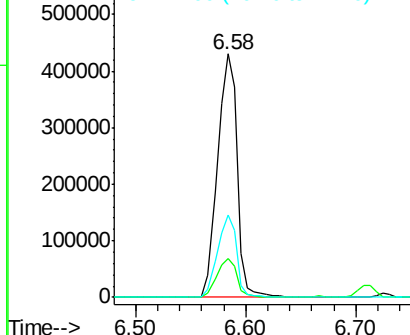
Tot Ion:	99	Resp:	530637
Ion Ratio	Lower	Upper	
99	100		
42	15.9	14.5	21.7
71	33.6	25.4	38.0

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 37.760 ng

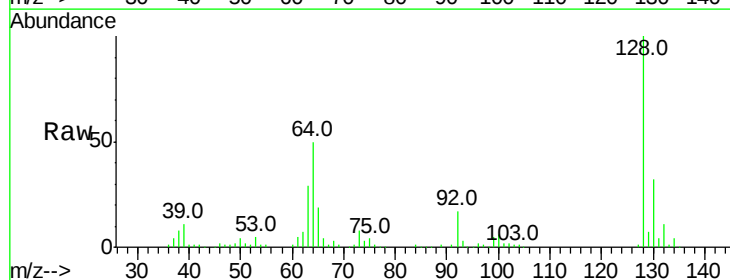
RT: 6.72 min Scan# 746

Delta R.T. 0.00 min

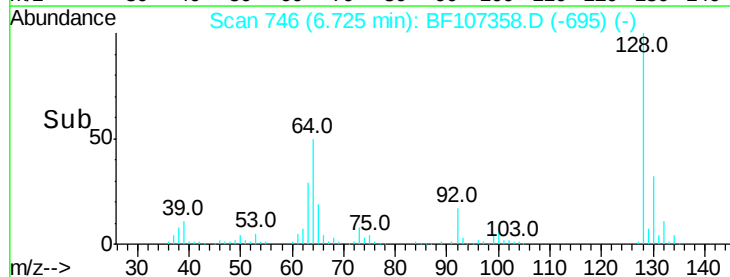
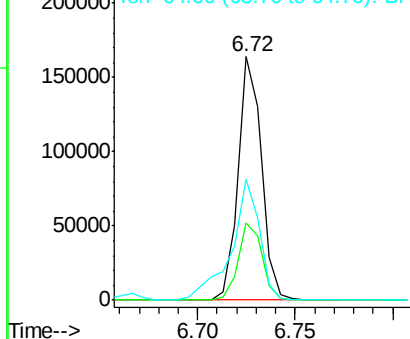
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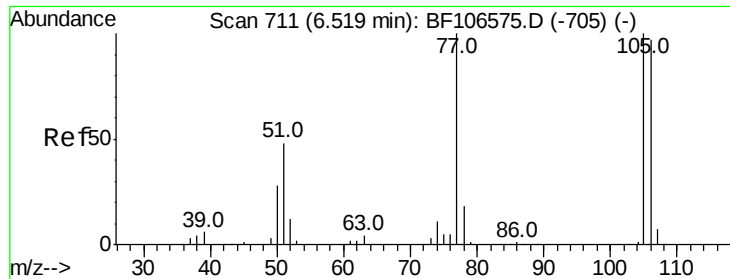
Acq: 13 Jul 2018 11:18

Tgt Ion:	128	Resp:	135939
Ion Ratio	Lower	Upper	
128	100		
130	31.6	13.0	53.0
64	49.7	29.4	69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





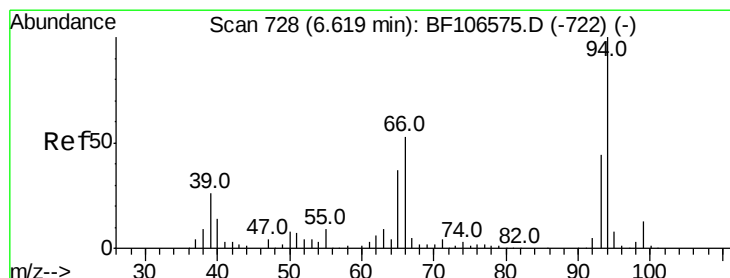
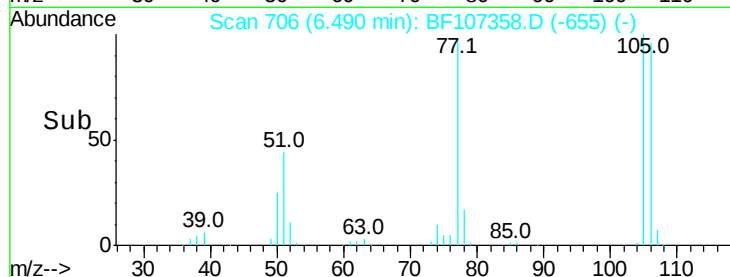
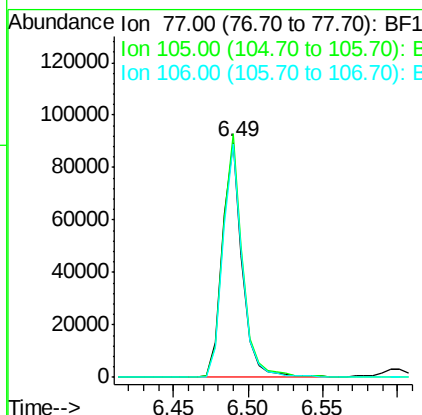
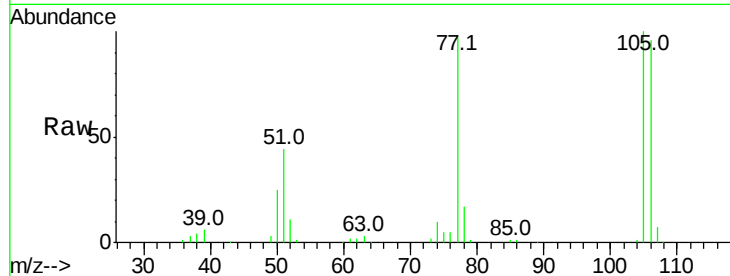
#9
Benzaldehyde
Concen: 27.737 ng
RT: 6.49 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF107358.D
Acq: 13 Jul 2018 11:18

Instrument :
BNA_F
ClientSampleId :
EP-4-7MS

Tot Ion: 77 Resp: 84118
Ion Ratio Lower Upper
77 100
105 103.5 81.1 121.1
106 99.3 74.5 114.5

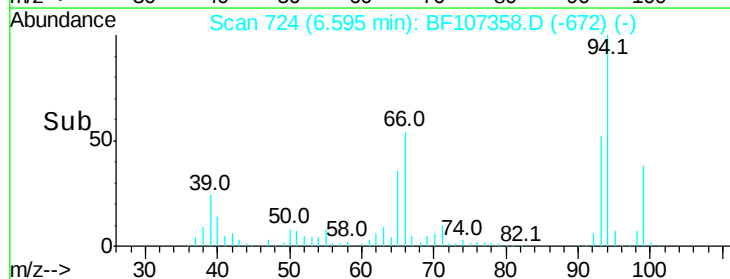
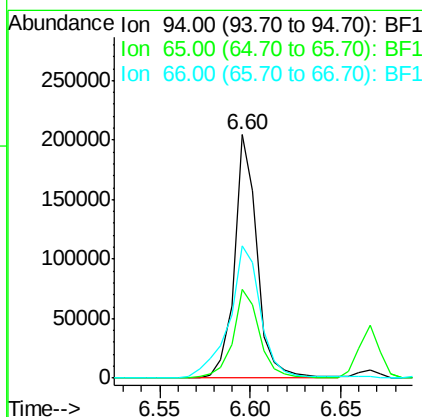
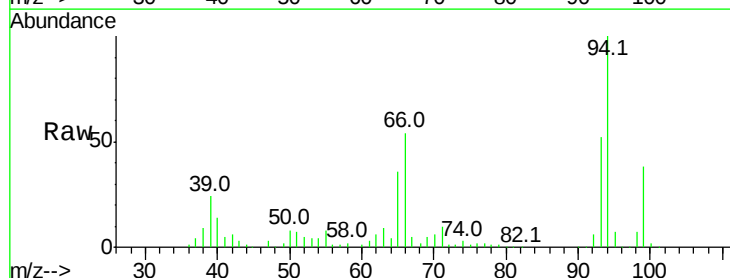
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#10
Phenol
Concen: 38.064 ng
RT: 6.60 min Scan# 724
Delta R.T. 0.01 min
Lab File: BF107358.D
Acq: 13 Jul 2018 11:18

Tgt Ion: 94 Resp: 178058
Ion Ratio Lower Upper
94 100
65 36.4 7.9 47.9
66 54.4 16.2 56.2





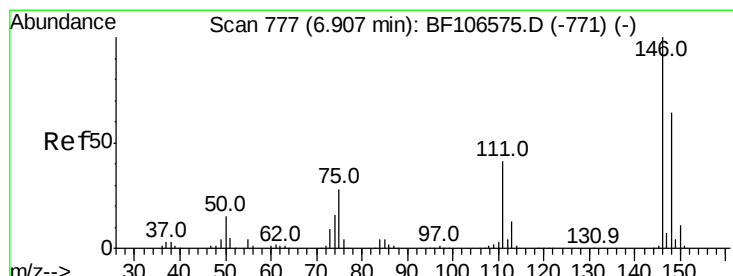
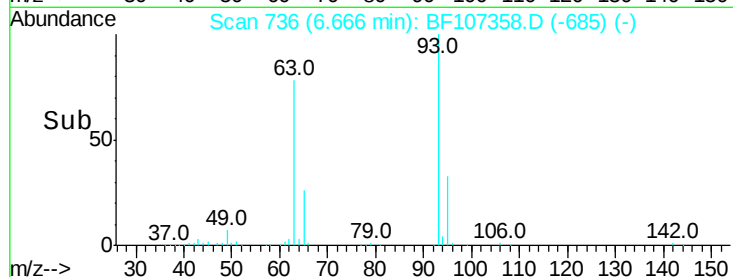
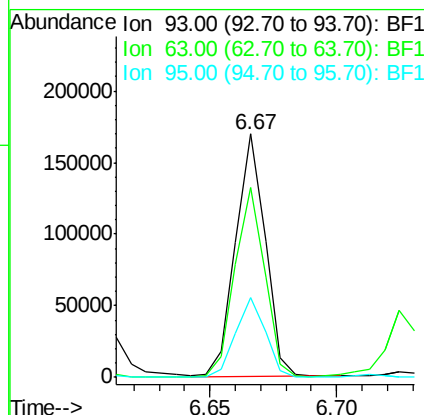
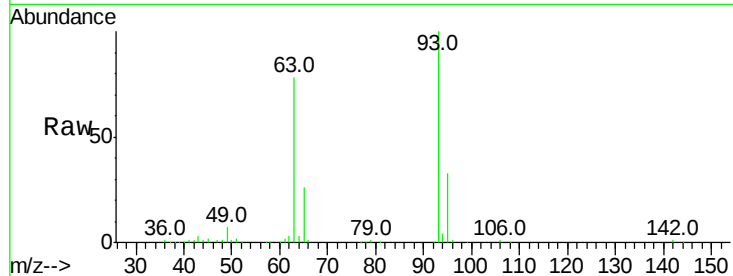
#11
bis(2-Chloroethyl)ether
Concen: 35.812 ng
RT: 6.67 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF107358.D
Acq: 13 Jul 2018 11:18

Instrument :
BNA_F
ClientSampleId :
EP-4-7MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.1	58.6	98.6
95	32.7	11.8	51.8

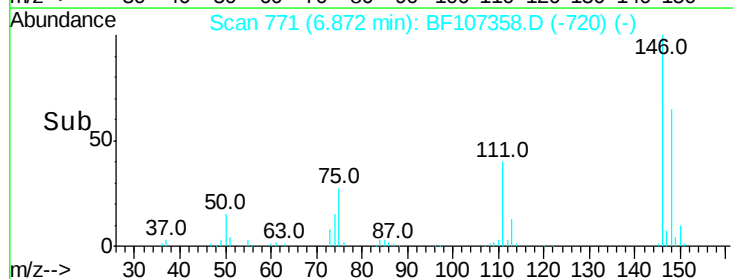
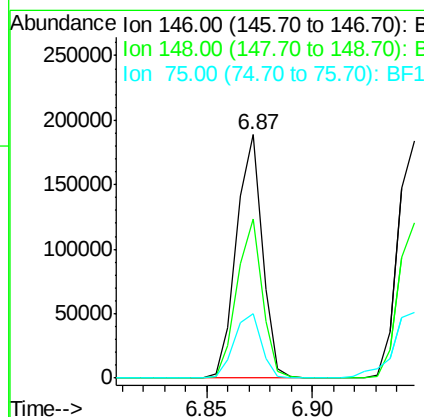
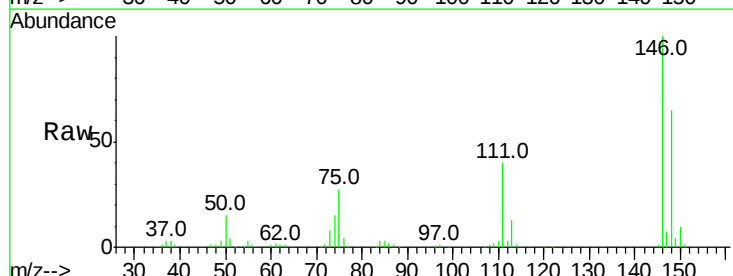
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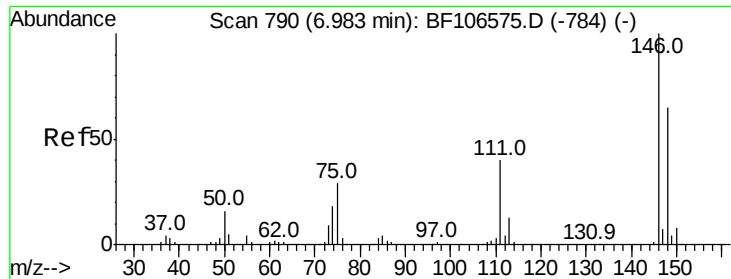
Sohil
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#12
1,3-Dichlorobenzene
Concen: 37.671 ng
RT: 6.87 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF107358.D
Acq: 13 Jul 2018 11:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.8	77.8
75	26.6	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 37.307 ng

RT: 6.95 min Scan# 784

Delta R.T. 0.00 min

Lab File: BF107358.D

Acq: 13 Jul 2018 11:18

Instrument :

BNA_F

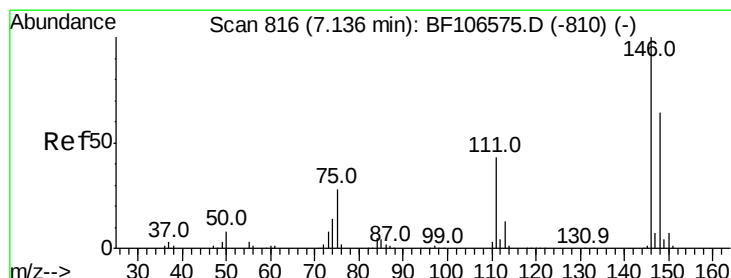
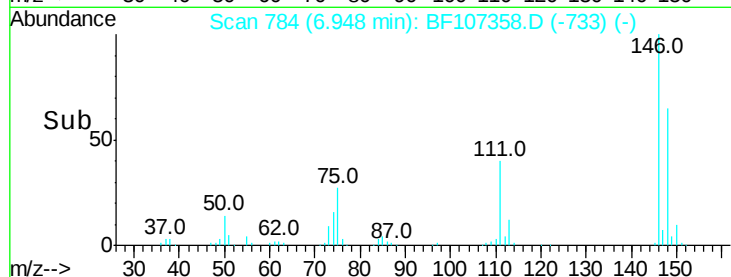
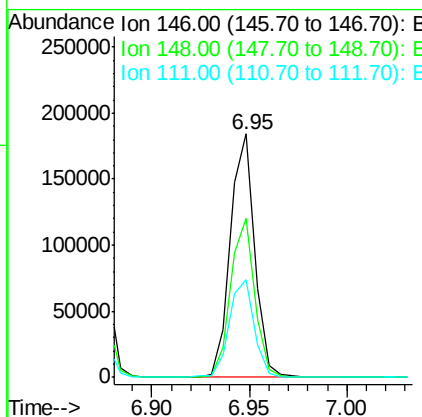
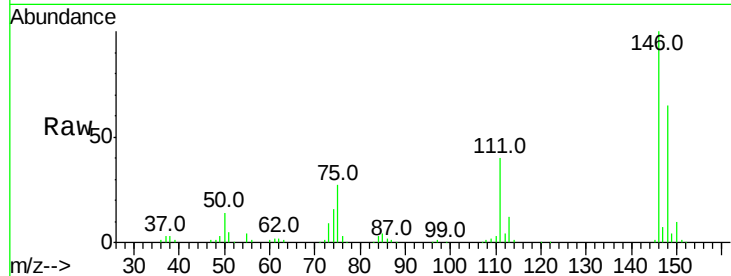
ClientSampleId :

EP-4-7MS

Tot Ion:	146	Resp:	159036
Ion Ratio	Lower	Upper	
146	100		
148	65.4	50.8	76.2
111	40.1	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 37.973 ng

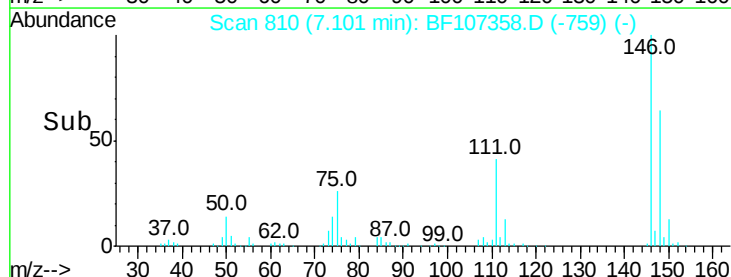
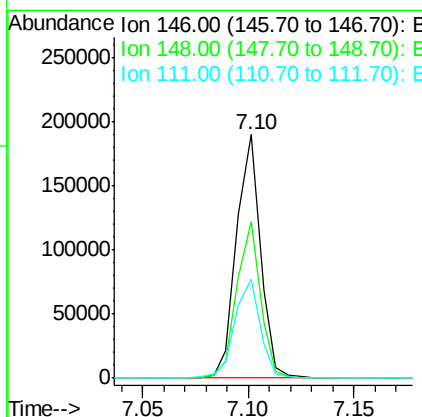
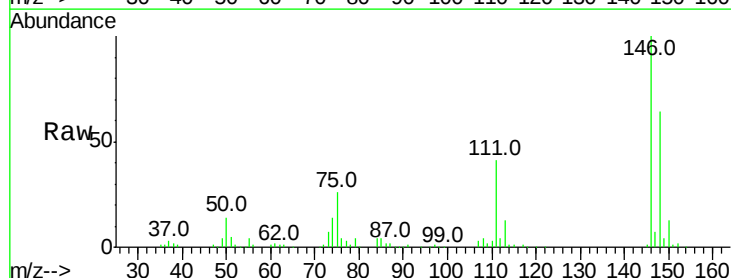
RT: 7.10 min Scan# 810

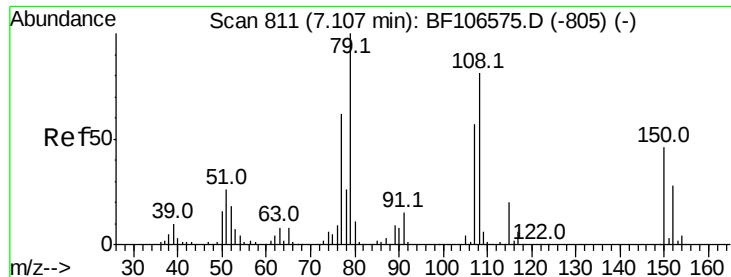
Delta R.T. 0.00 min

Lab File: BF107358.D

Acq: 13 Jul 2018 11:18

Tgt Ion:	146	Resp:	148351
Ion Ratio	Lower	Upper	
146	100		
148	64.2	50.6	75.8
111	40.6	36.0	54.0





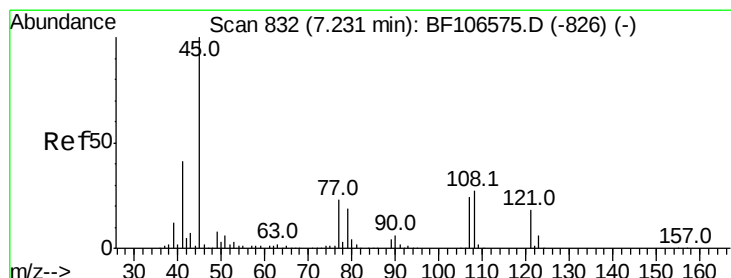
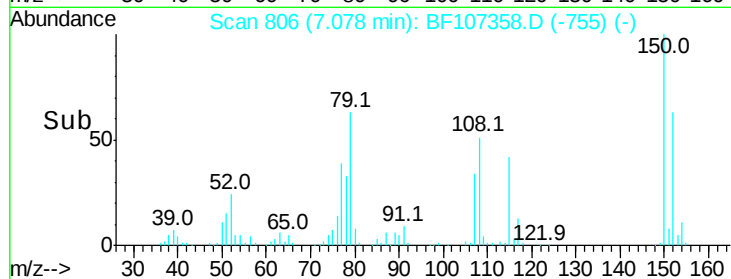
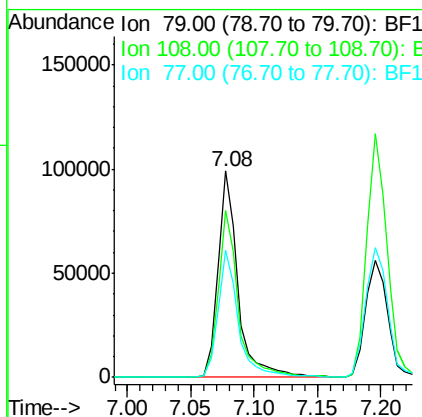
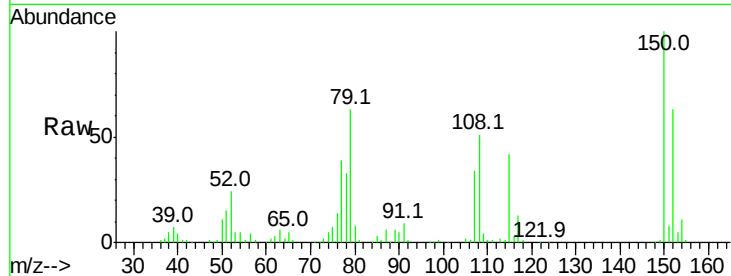
#15
Benzyl Alcohol
Concen: 33.545 ng
RT: 7.08 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF107358.D
Acq: 13 Jul 2018 11:18

Instrument :
BNA_F
ClientSampleId :
EP-4-7MS

Tot Ion:	79	Resp:	110408
Ion Ratio	Lower	Upper	
79	100		
108	80.6	65.1	97.7
77	61.7	50.6	75.8

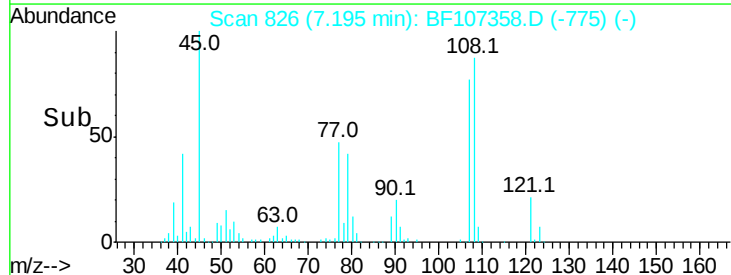
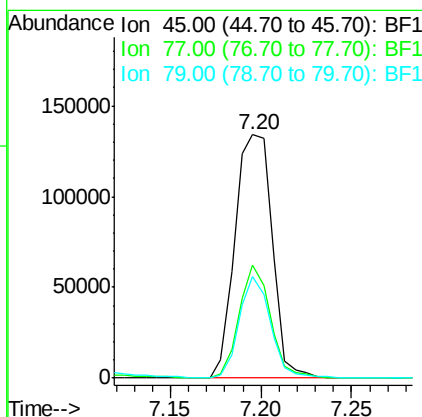
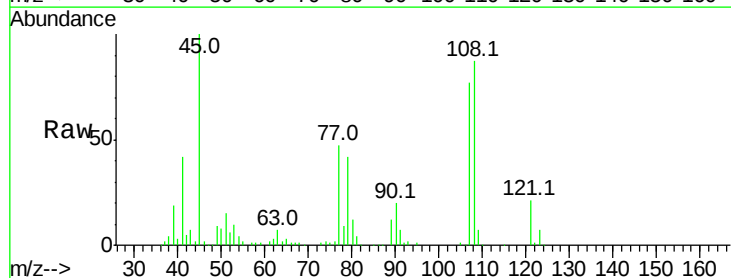
Manual Integrations
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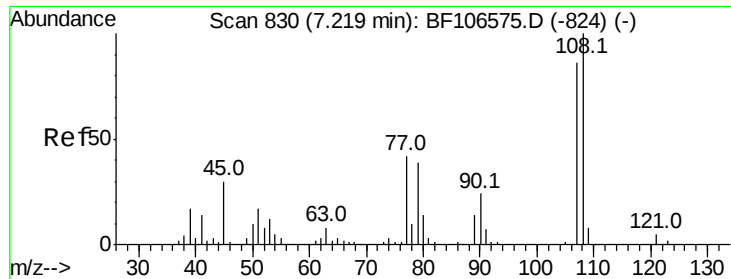
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#16
2,2'-oxybis(1-chloropropane)
Concen: 37.825 ng
RT: 7.20 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF107358.D
Acq: 13 Jul 2018 11:18

Tgt Ion:	45	Resp:	191655
Ion Ratio	Lower	Upper	
45	100		
77	46.5	0.0	32.9#
79	41.8	0.0	29.6#





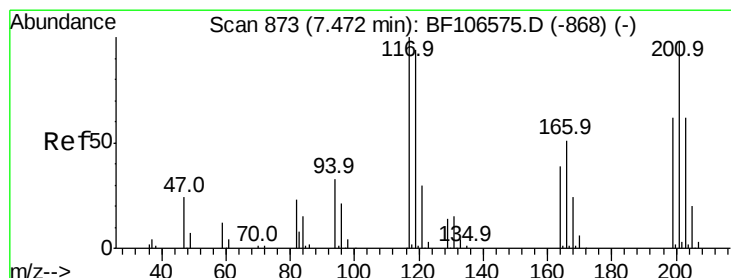
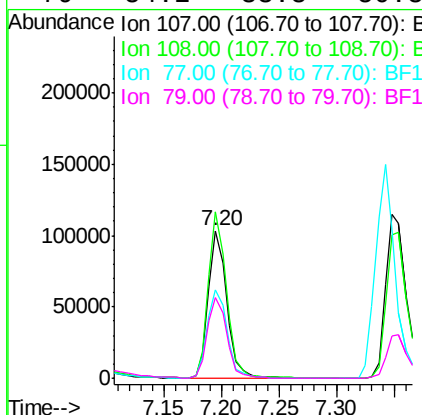
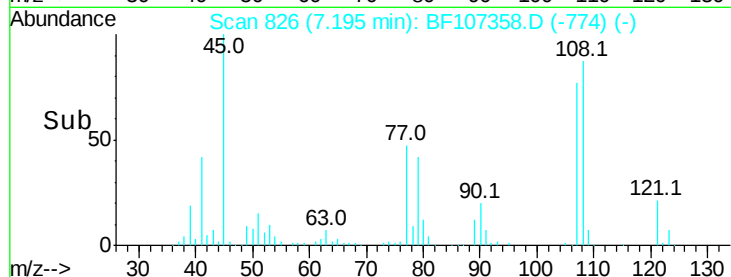
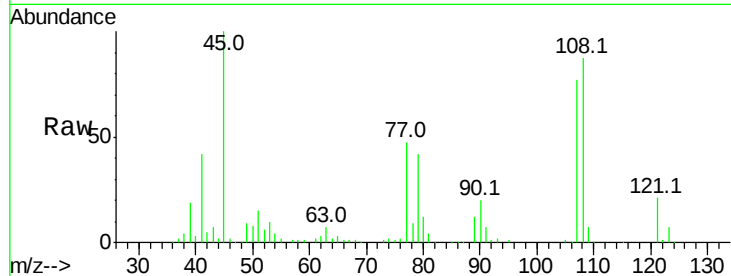
#17
2-Methylphenol
Concen: 37.755 ng
RT: 7.20 min Scan# 826
Delta R.T. 0.01 min
Lab File: BF107358.D
Acq: 13 Jul 2018 11:18

Instrument :
BNA_F
ClientSampleId :
EP-4-7MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	116319		
108	112.9	91.7	137.5	
77	60.3	33.8	50.8#	
79	54.2	33.8	50.8#	

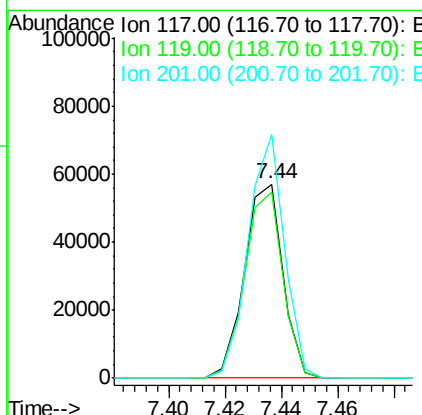
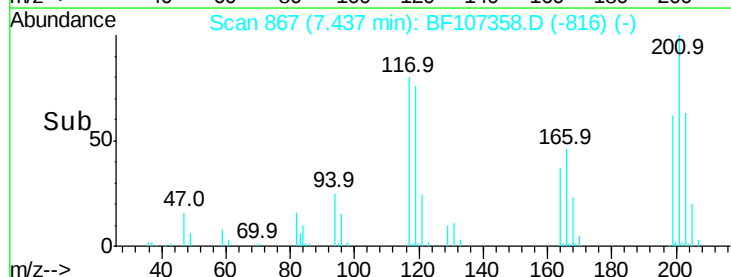
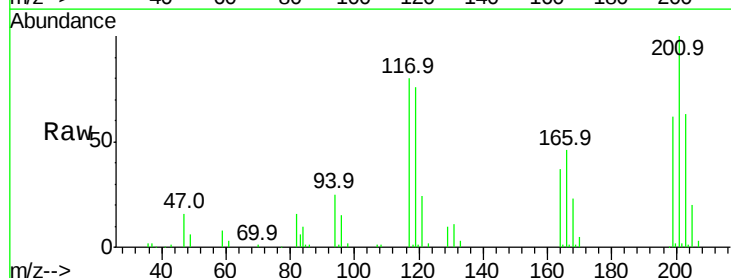
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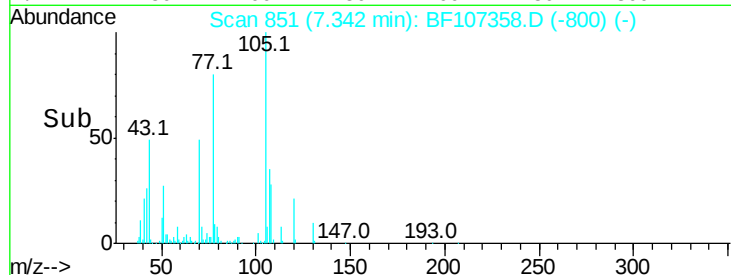
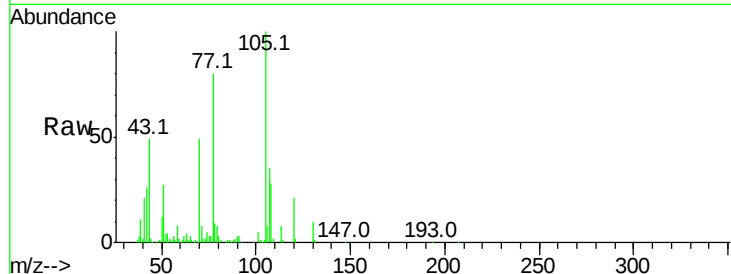
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#18
Hexachloroethane
Concen: 35.961 ng
RT: 7.44 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF107358.D
Acq: 13 Jul 2018 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	53909		
119	95.5	75.8	113.8	
201	125.4	75.7	113.5#	





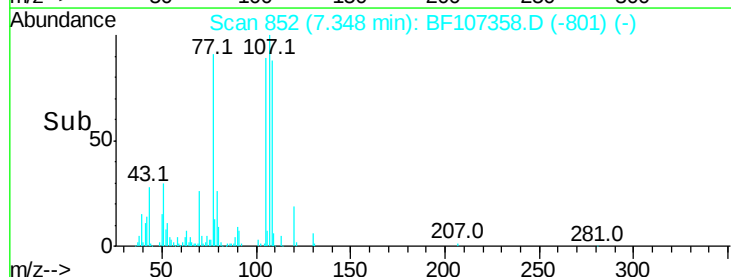
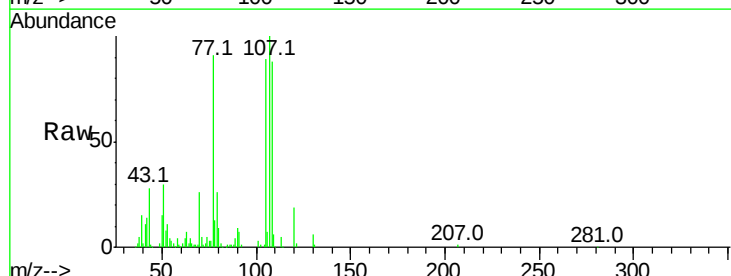
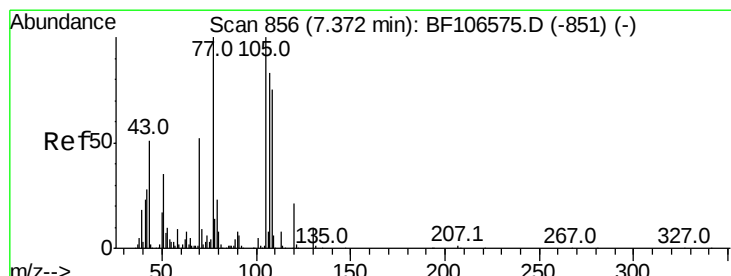
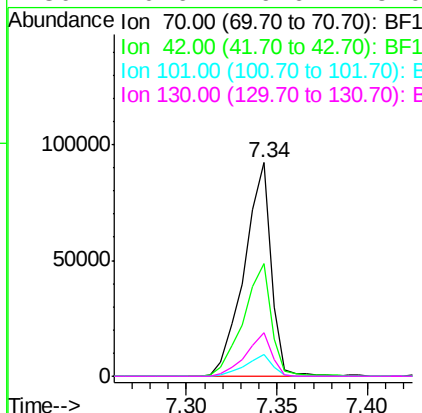
#19
n-Nitroso-di-n-propylamine
Concen: 35.030 ng
RT: 7.34 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF107358.D
Acq: 13 Jul 2018 11:18

Instrument :
BNA_F
ClientSampleId :
EP-4-7MS

Tot Ion	70	Resp	94648
Ion Ratio	Lower	Upper	
70	100		
42	52.5	47.5	71.3
101	10.3	7.4	11.2
130	20.6	16.6	25.0

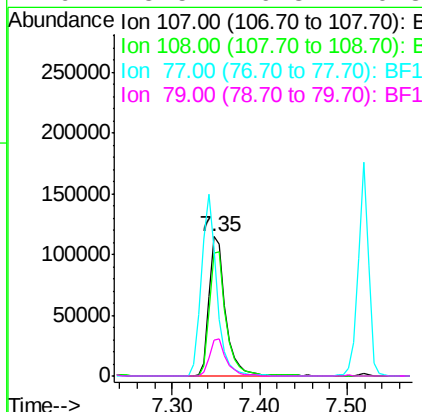
Manual Integrations
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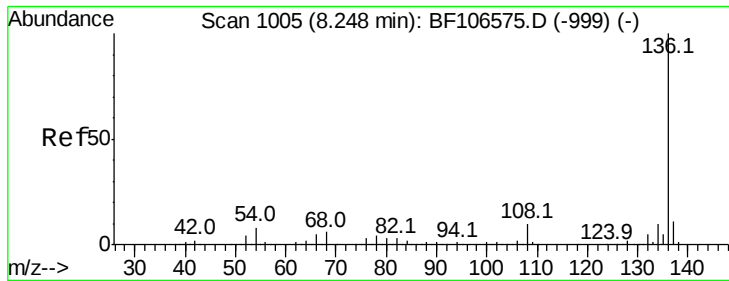
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#20
3+4-Methylphenols
Concen: 45.715 ng
RT: 7.35 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF107358.D
Acq: 13 Jul 2018 11:18

Tgt Ion	107	Resp	151362
Ion Ratio	Lower	Upper	
107	100		
108	87.9	68.2	108.2
77	90.8	26.7	66.7#
79	25.5	6.3	46.3





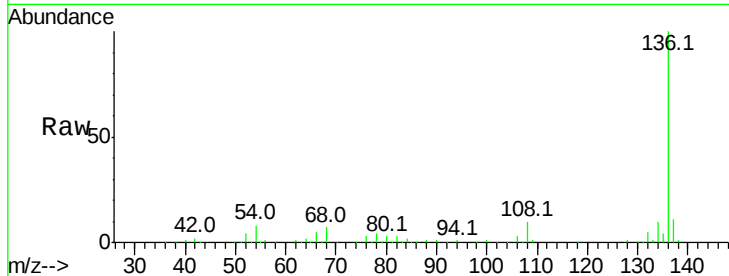
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 999
Delta R.T. 0.00 min
Lab File: BF107358.D
Acq: 13 Jul 2018 11:18

Instrument :
BNA_F
ClientSampleId :
EP-4-7MS

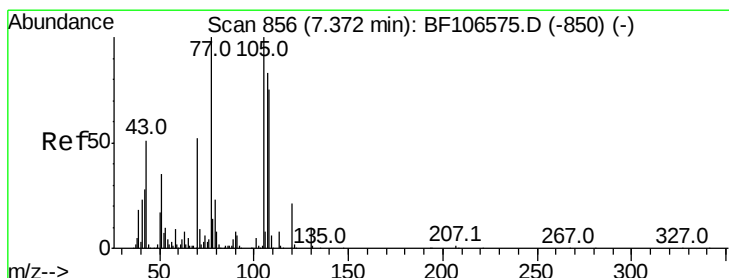
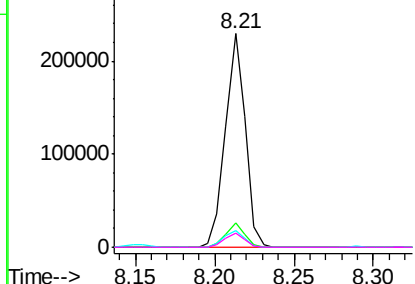
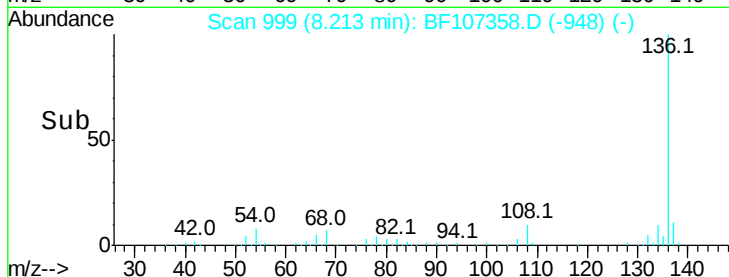
Tot Ion	Ratio	Resp	Lower	Upper
136	100	199642		
137	11.2	8.9	13.3	
54	7.8	6.6	9.8	
68	6.5	5.0	7.4	

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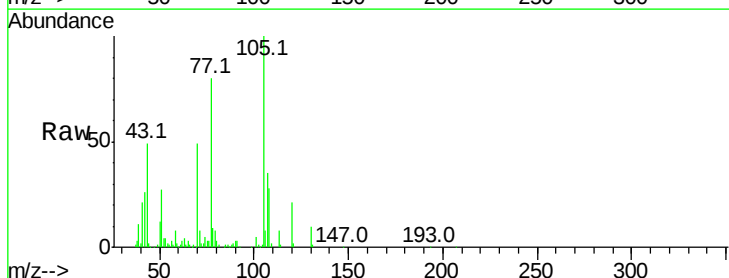


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

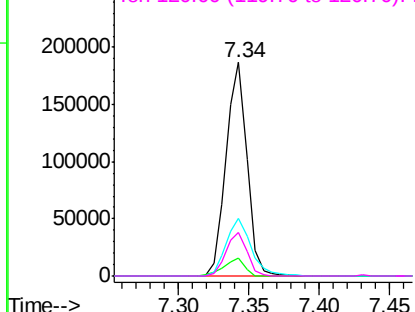
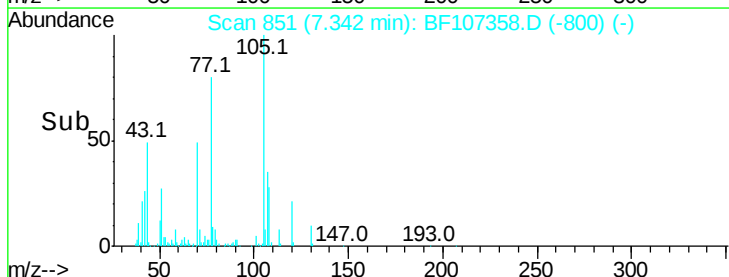


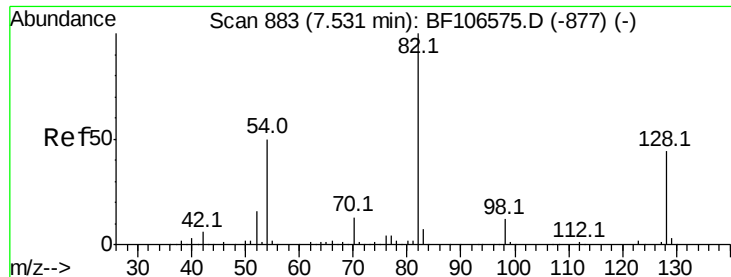
#22
Acetophenone
Concen: 43.096 ng
RT: 7.34 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF107358.D
Acq: 13 Jul 2018 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	192487		
71	8.4	4.4	6.6#	
51	26.7	22.3	33.5	
120	20.6	16.9	25.3	



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





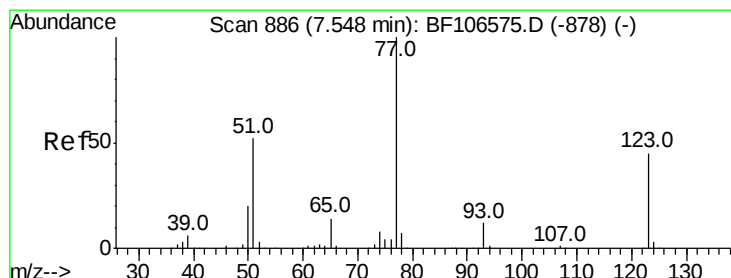
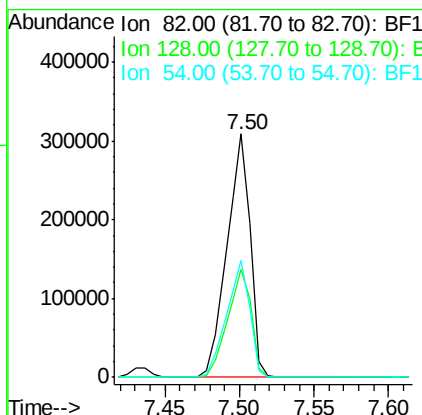
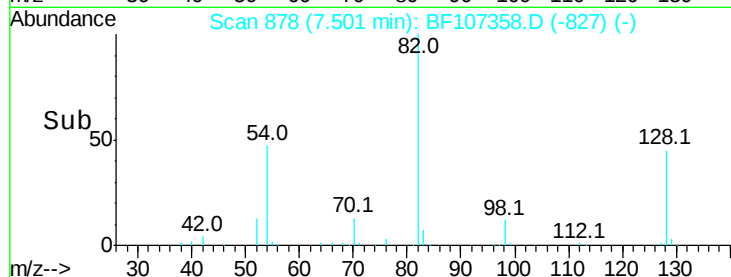
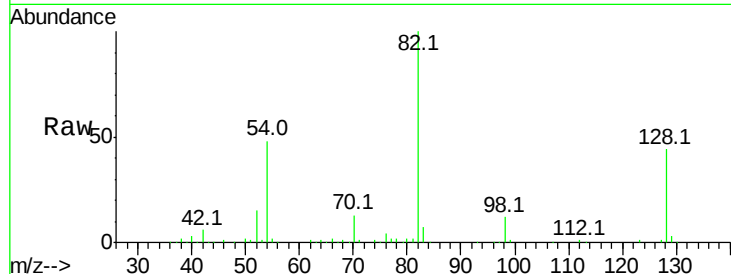
#23
 Nitrobenzene-d5
 Concen: 94.489 ng
 RT: 7.50 min Scan# 878
 Delta R.T. 0.00 min
 Lab File: BF107358.D
 Acq: 13 Jul 2018 11:18

Instrument :
 BNA_F
 ClientSampled :
 EP-4-7MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.5	36.1	54.1	
54	47.9	41.4	62.2	

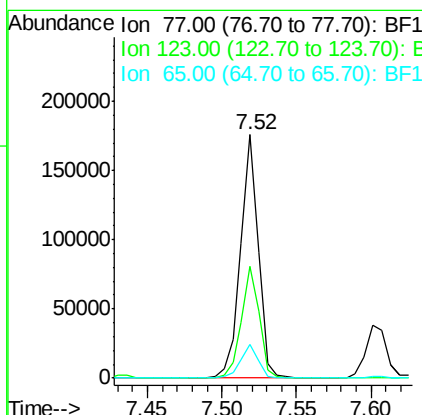
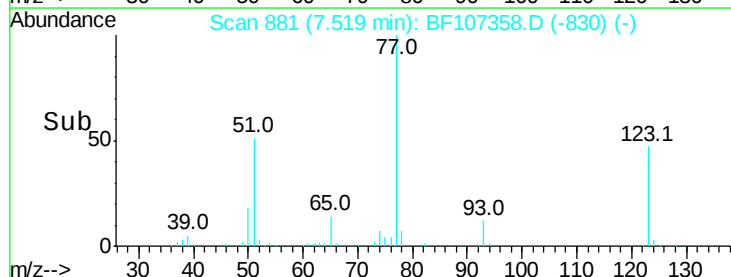
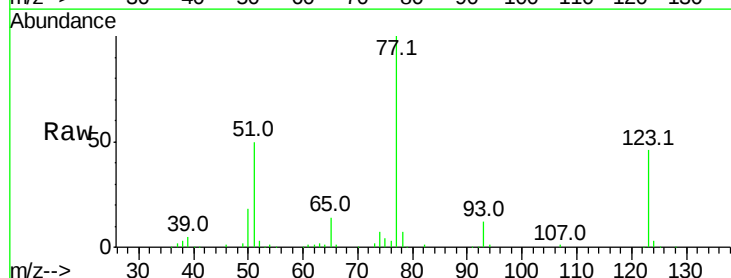
Manual Integrations
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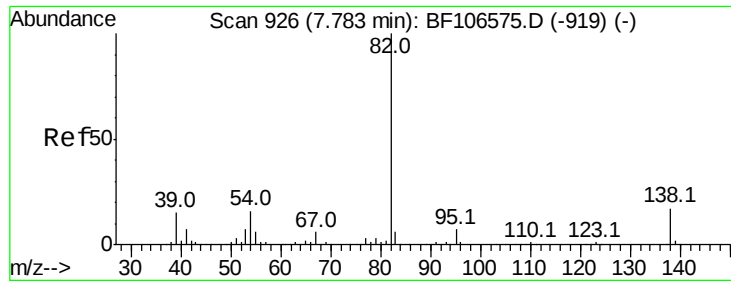
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#24
 Nitrobenzene
 Concen: 39.984 ng
 RT: 7.52 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF107358.D
 Acq: 13 Jul 2018 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	45.9	37.9	56.9	
65	13.7	11.0	16.4	





#25

Isophorone

Concen: 41.795 ng

RT: 7.75 min Scan# 921

Delta R.T. 0.00 min

Lab File: BF107358.D

Acq: 13 Jul 2018 11:18

Instrument :

BNA_F

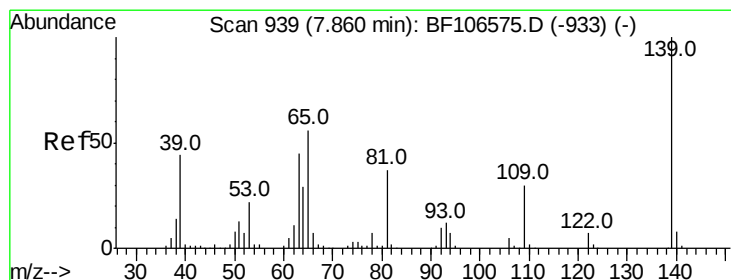
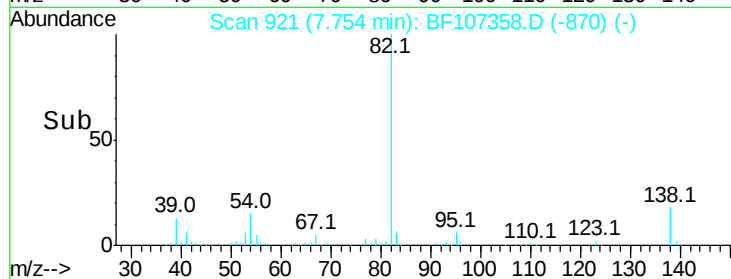
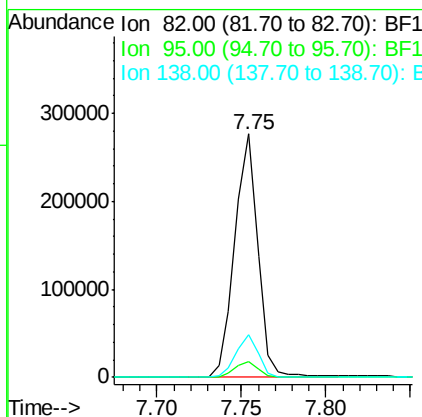
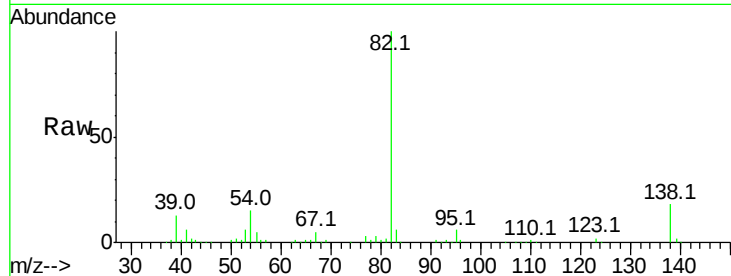
ClientSampleId :

EP-4-7MS

Tot Ion:	82	Resp:	264575
Ion Ratio	Lower	Upper	
82	100		
95	6.3	5.2	7.8
138	17.7	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.016 ng

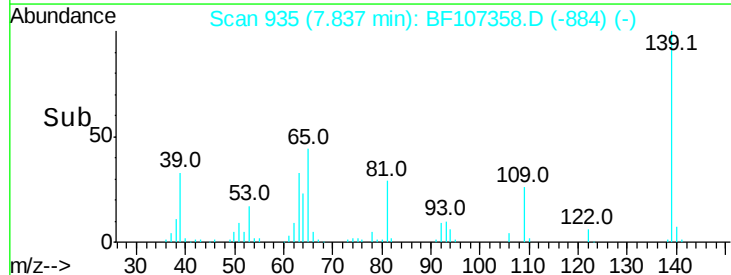
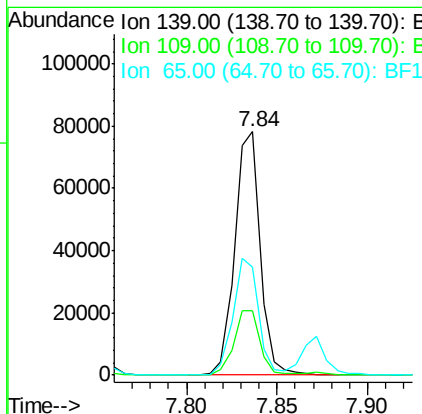
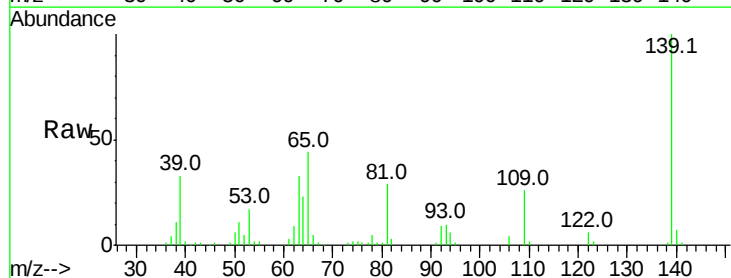
RT: 7.84 min Scan# 935

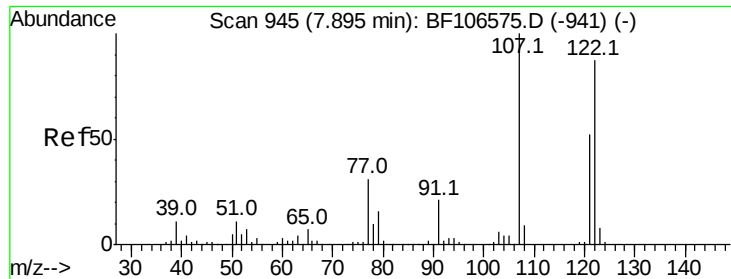
Delta R.T. 0.00 min

Lab File: BF107358.D

Acq: 13 Jul 2018 11:18

Tgt Ion:	139	Resp:	76210
Ion Ratio	Lower	Upper	
139	100		
109	26.2	22.7	34.1
65	44.1	40.5	60.7





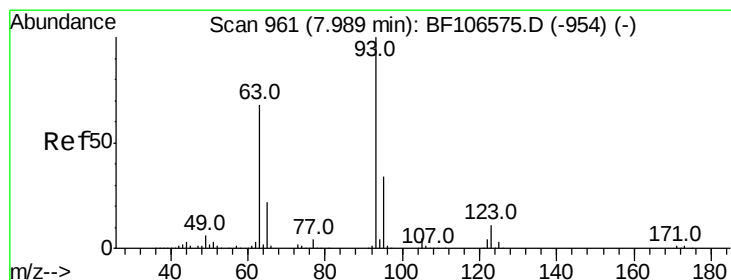
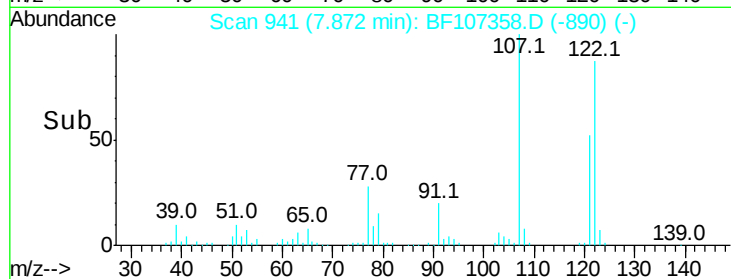
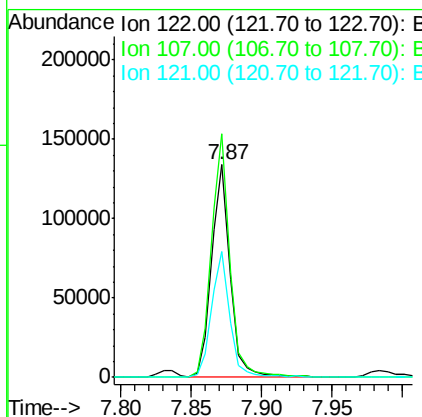
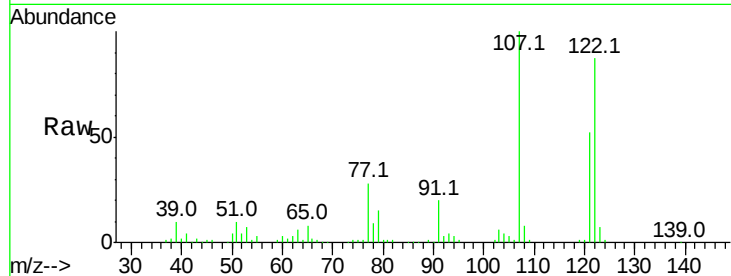
#27
2,4-Dimethylphenol
Concen: 45.927 ng
RT: 7.87 min Scan# 941
Delta R.T. 0.00 min
Lab File: BF107358.D
Acq: 13 Jul 2018 11:18

Instrument :
BNA_F
ClientSampleId :
EP-4-7MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.6	91.2	136.8
121	59.3	47.2	70.8

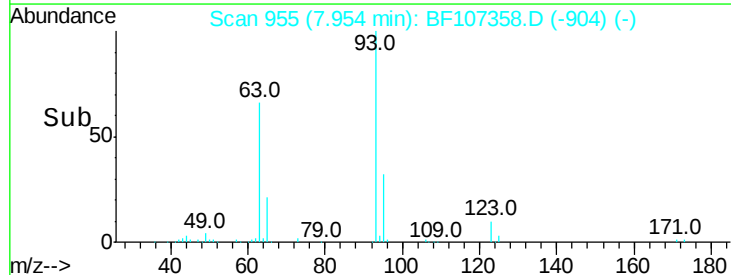
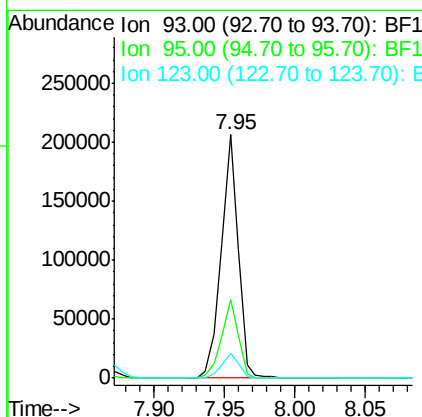
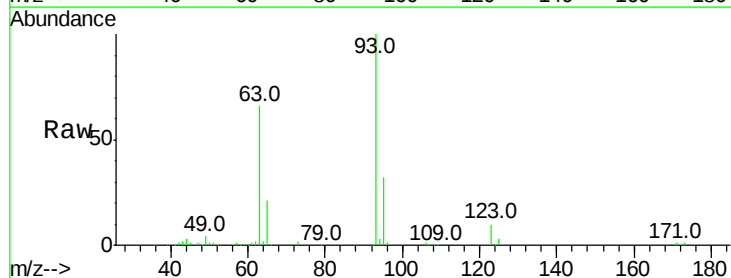
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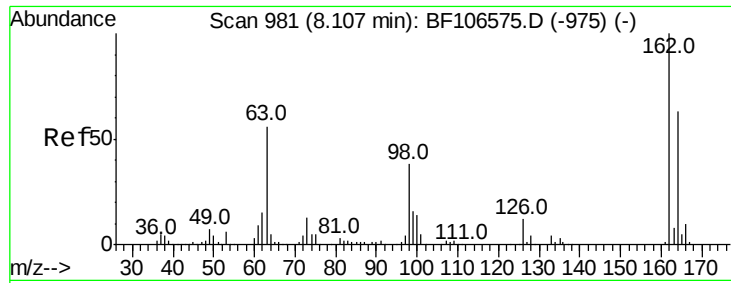
Sohil
7/16/2018 3:22:01 PM



#28
bis(2-Chloroethoxy)methane
Concen: 40.662 ng
RT: 7.95 min Scan# 955
Delta R.T. 0.00 min
Lab File: BF107358.D
Acq: 13 Jul 2018 11:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.3	39.5
123	10.2	9.8	14.6





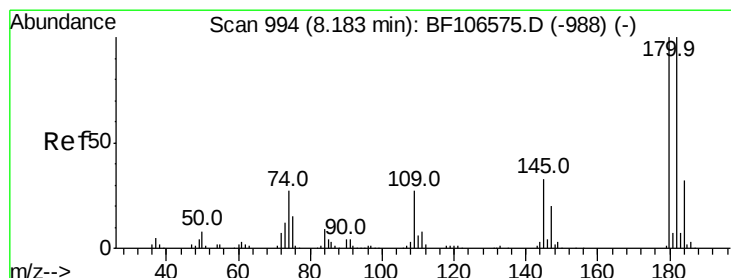
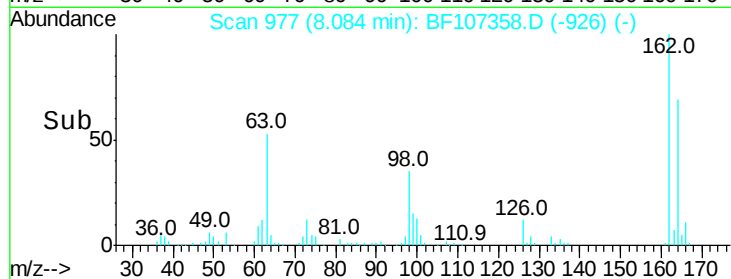
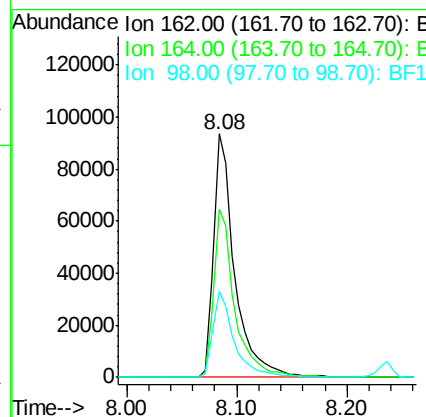
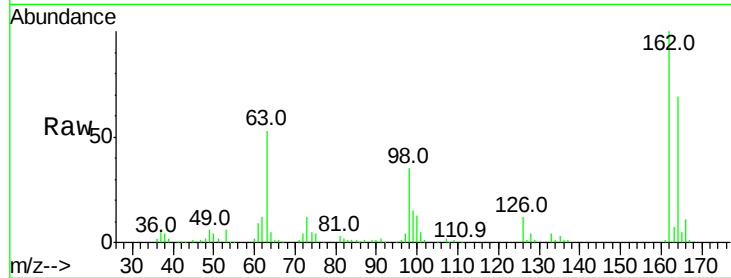
#29
 2,4-Dichlorophenol
 Concen: 43.296 ng
 RT: 8.08 min Scan# 977
 Delta R.T. 0.00 min
 Lab File: BF107358.D
 Acq: 13 Jul 2018 11:18

Instrument :
 BNA_F
 ClientSampleId :
 EP-4-7MS

Tot Ion:	162	Resp:	121303
Ion Ratio	Lower	Upper	
162	100		
164	68.9	42.7	82.7
98	35.4	18.1	58.1

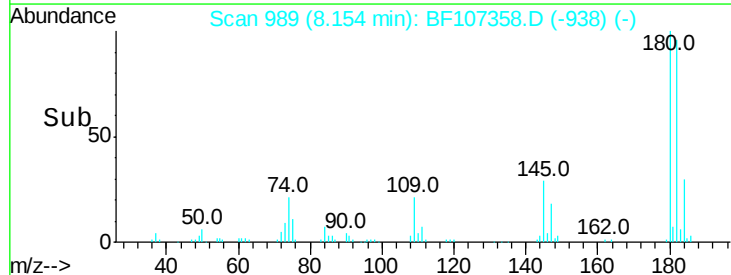
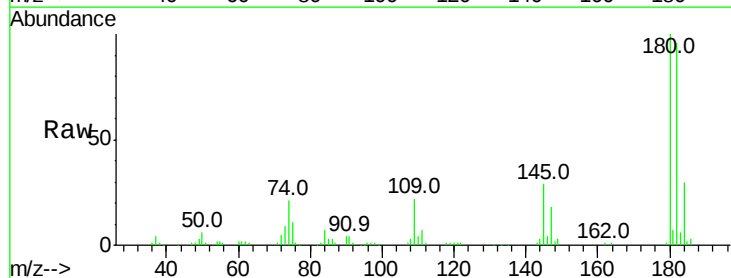
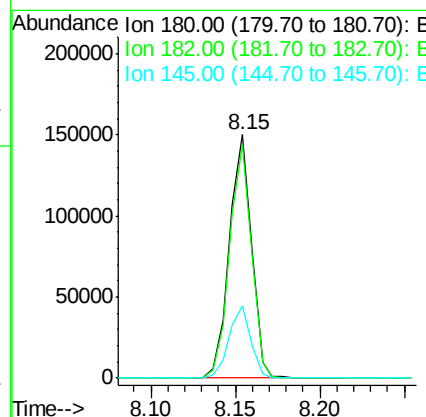
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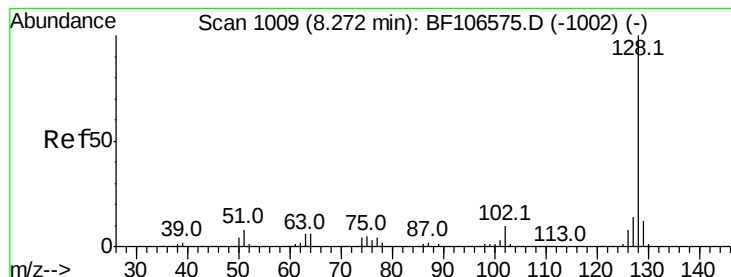
Sohil
 7/16/2018 3:22:01 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 44.293 ng
 RT: 8.15 min Scan# 989
 Delta R.T. 0.00 min
 Lab File: BF107358.D
 Acq: 13 Jul 2018 11:18

Tgt Ion:	180	Resp:	136707
Ion Ratio	Lower	Upper	
180	100		
182	95.6	76.8	115.2
145	29.4	26.5	39.7





#31

Naphthalene

Concen: 41.599 ng

RT: 8.24 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BF107358.D

Acq: 13 Jul 2018 11:18

Instrument :

BNA_F

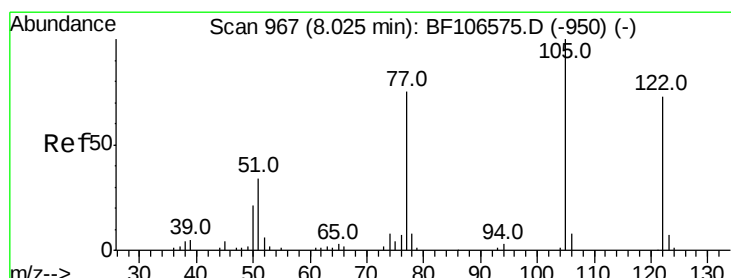
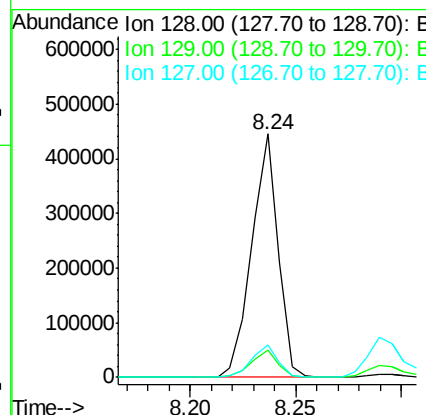
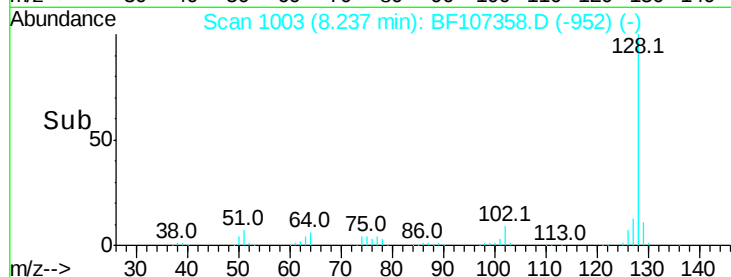
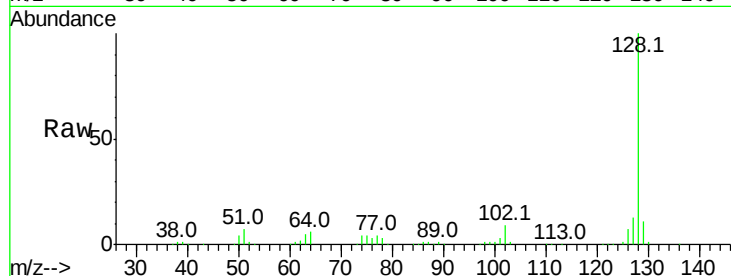
ClientSampleId :

EP-4-7MS

Tot Ion:	128	Resp:	388278
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.8	13.2
127	13.3	10.9	16.3

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#32

Benzoic acid

Concen: 9.380 ng

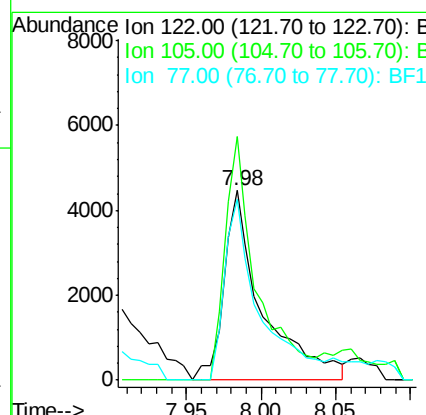
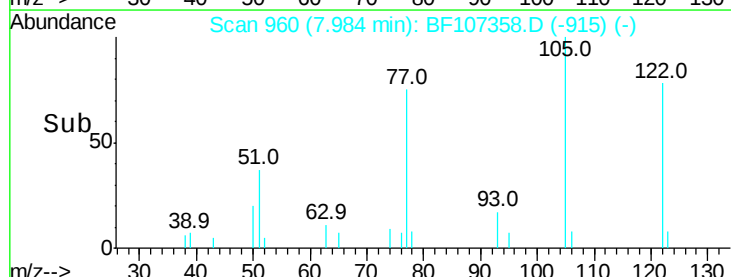
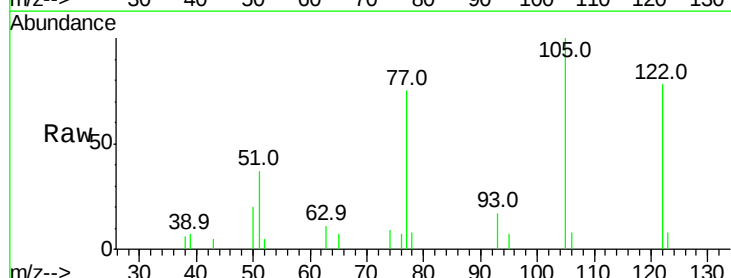
RT: 7.98 min Scan# 960

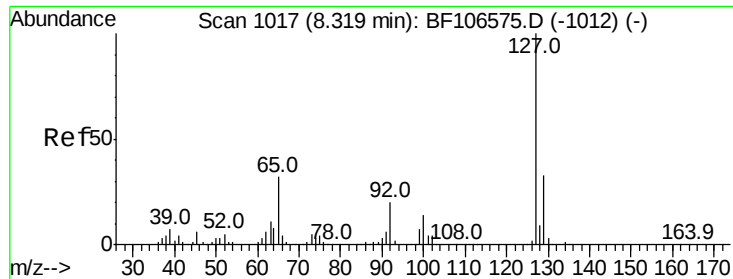
Delta R.T. -0.04 min

Lab File: BF107358.D

Acq: 13 Jul 2018 11:18

Tgt Ion:	122	Resp:	8066
Ion Ratio	Lower	Upper	
122	100		
105	128.3	101.1	141.1
77	95.6	70.7	110.7





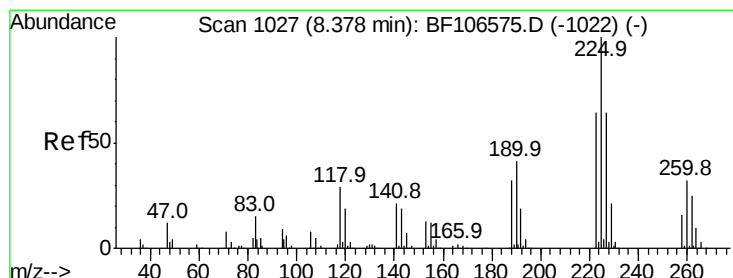
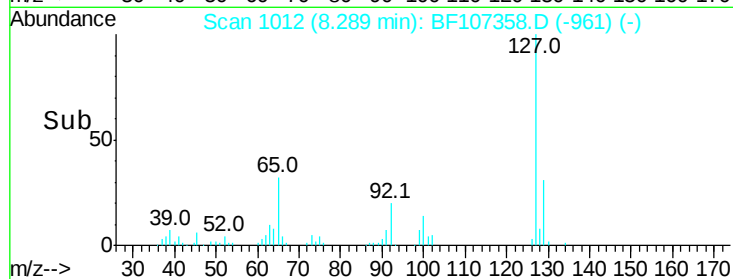
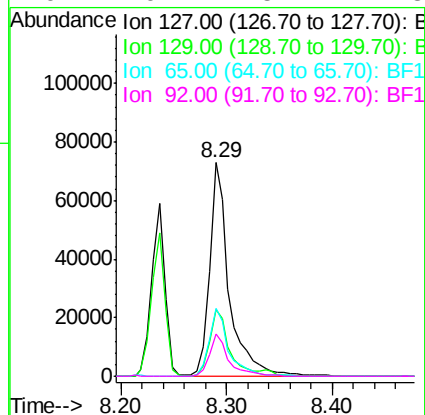
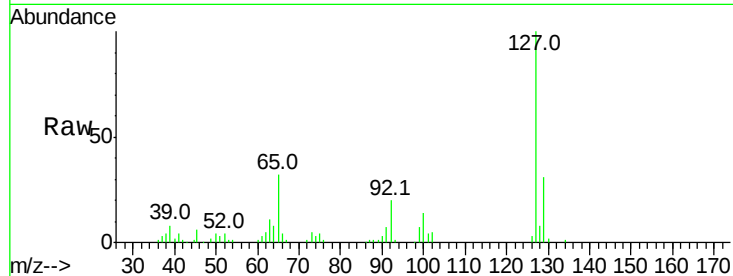
#33
4-Chloroaniline
Concen: 24.117 ng
RT: 8.29 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BF107358.D
Acq: 13 Jul 2018 11:18

Instrument :
BNA_F
ClientSampleId :
EP-4-7MS

Tot Ion:	127	Resp:	94452
Ion Ratio	Lower	Upper	
127	100		
129	31.3	25.9	38.9
65	31.7	25.0	37.4
92	19.7	15.2	22.8

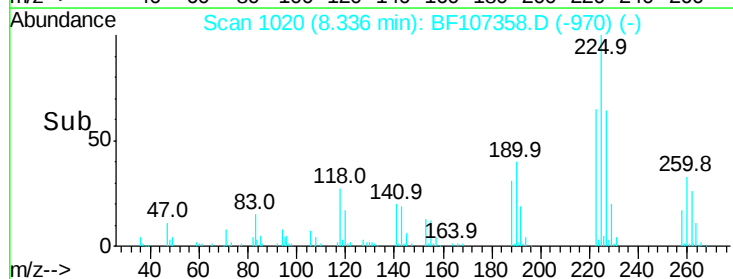
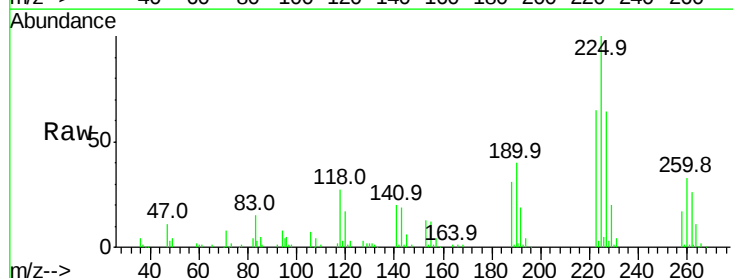
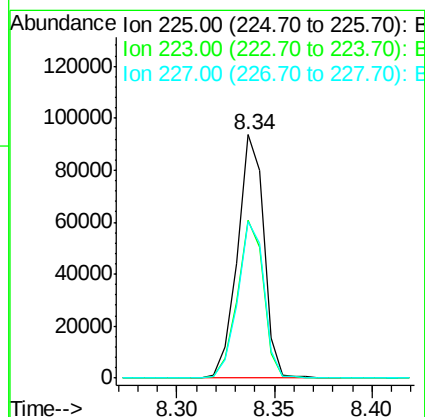
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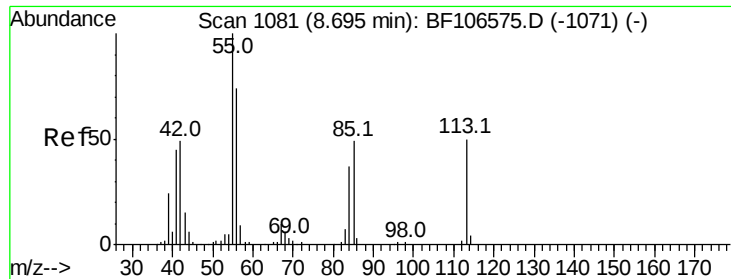
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#34
Hexachlorobutadiene
Concen: 43.652 ng
RT: 8.34 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF107358.D
Acq: 13 Jul 2018 11:18

Tgt Ion:	225	Resp:	87789
Ion Ratio	Lower	Upper	
225	100		
223	65.0	50.6	76.0
227	64.3	51.9	77.9





#35

Caprolactam

Concen: 37.008 ng

RT: 8.67 min Scan# 1077

Delta R.T. 0.01 min

Lab File: BF107358.D

Acq: 13 Jul 2018 11:18

Instrument :

BNA_F

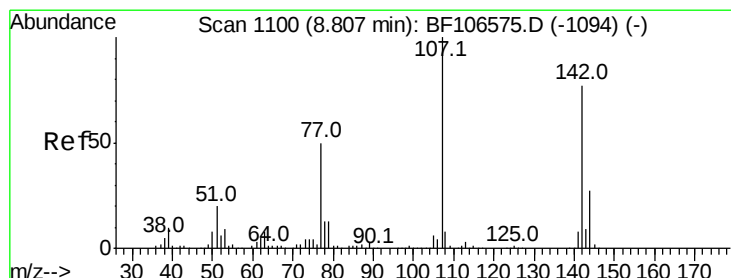
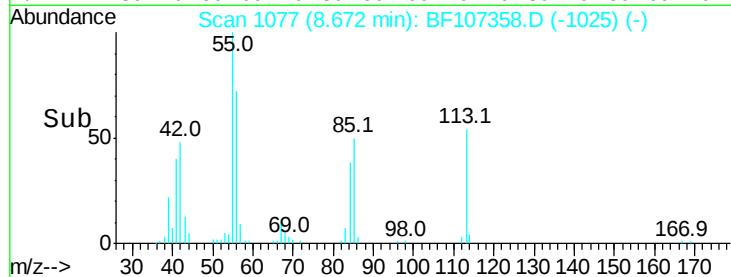
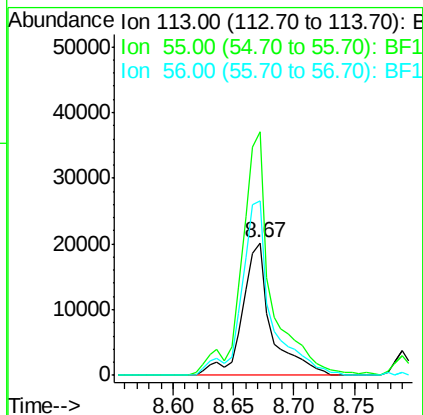
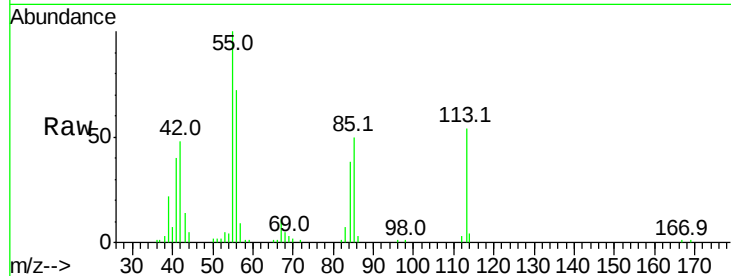
ClientSampled :

EP-4-7MS

Tot Ion:	113	Resp:	33799
Ion Ratio	Lower	Upper	
113	100		
55	183.7	163.3	203.3
56	131.5	115.7	155.7

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#36

4-Chloro-3-methylphenol

Concen: 39.096 ng

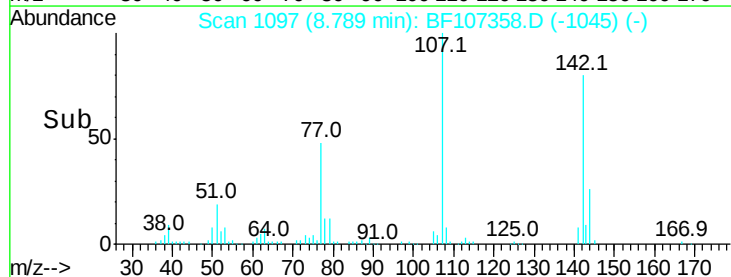
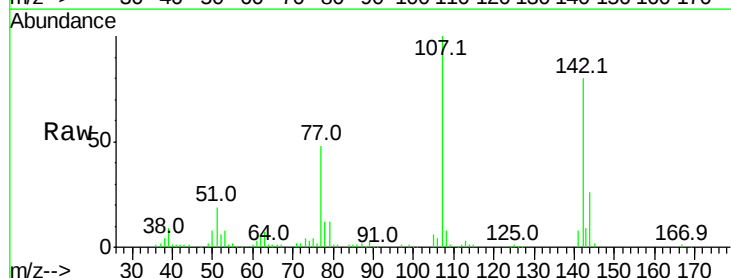
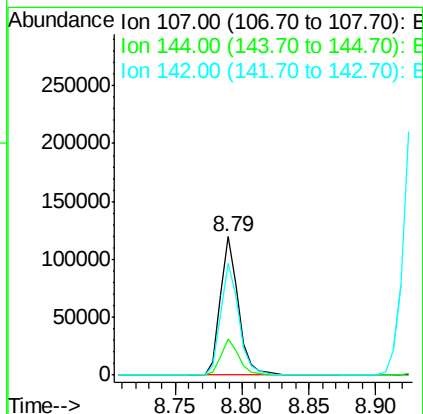
RT: 8.79 min Scan# 1097

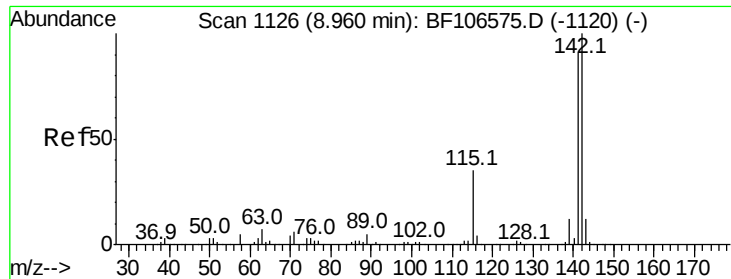
Delta R.T. 0.01 min

Lab File: BF107358.D

Acq: 13 Jul 2018 11:18

Tgt Ion:	107	Resp:	115296
Ion Ratio	Lower	Upper	
107	100		
144	25.9	20.5	30.7
142	80.3	62.0	93.0





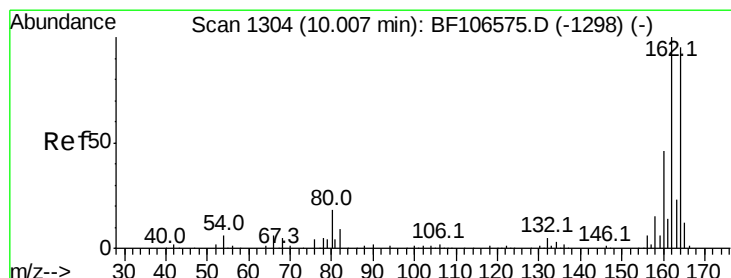
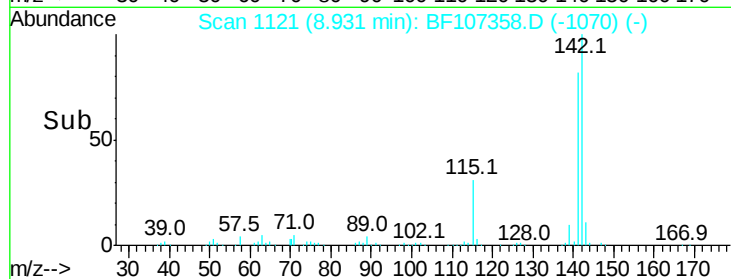
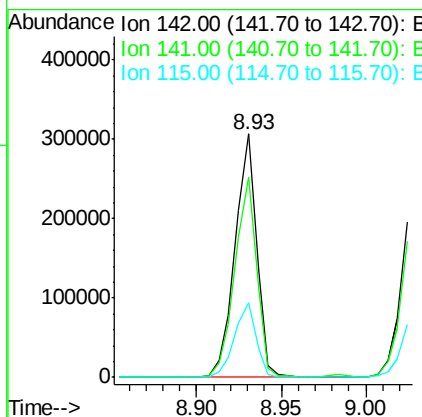
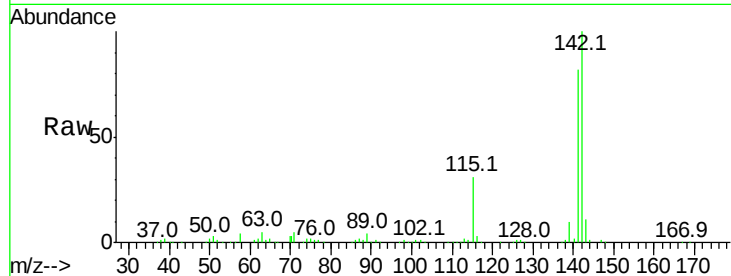
#37
2-Methylnaphthalene
Concen: 44.242 ng
RT: 8.93 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BF107358.D
Acq: 13 Jul 2018 11:18

Instrument :
BNA_F
ClientSampleId :
EP-4-7MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	82.4	70.8	106.2
115	30.6	26.1	39.1

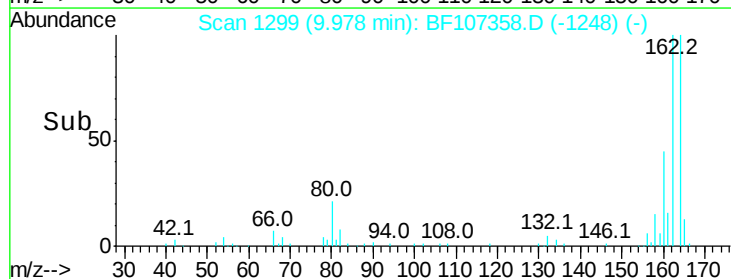
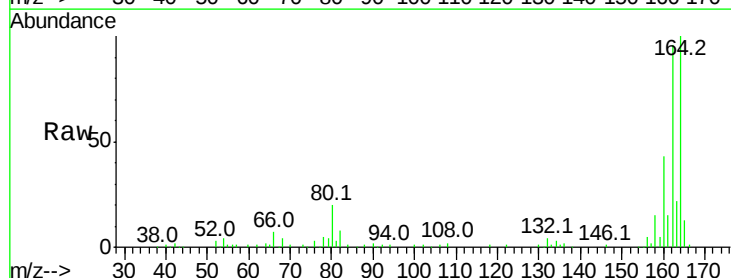
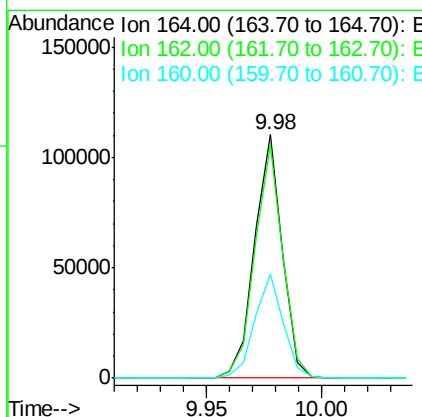
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF107358.D
Acq: 13 Jul 2018 11:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.1	86.1	129.1
160	42.7	38.3	57.5





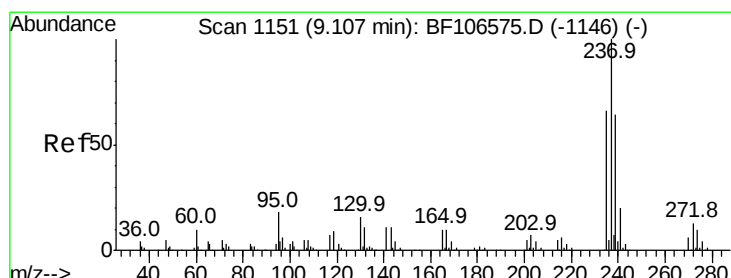
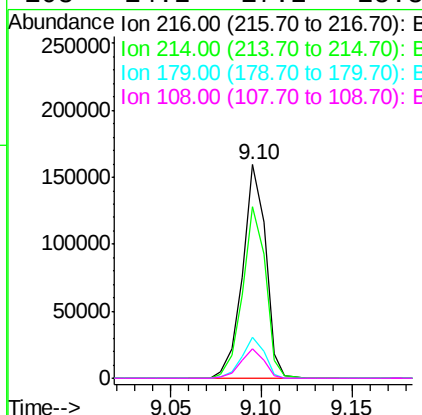
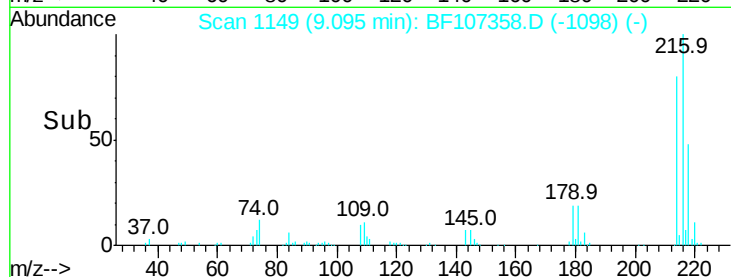
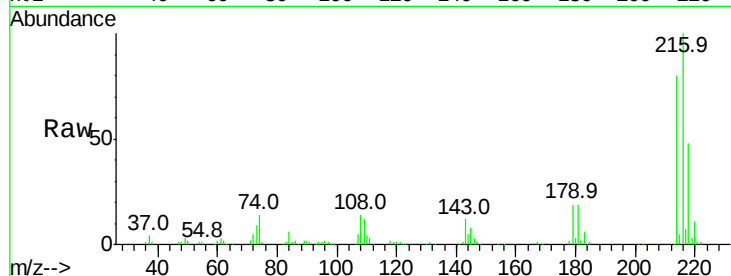
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.601 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: BF107358.D
 Acq: 13 Jul 2018 11:18

Instrument :
 BNA_F
 ClientSampleId :
 EP-4-7MS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.8	63.0	94.4
179	19.0	18.1	27.1
108	14.2	17.2	25.8

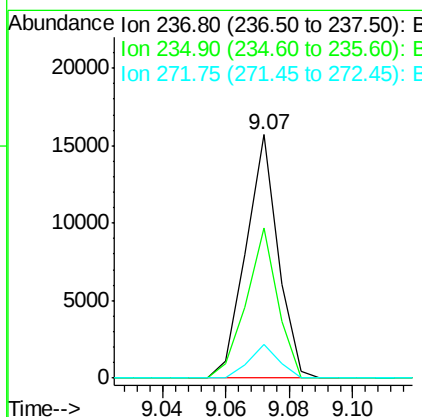
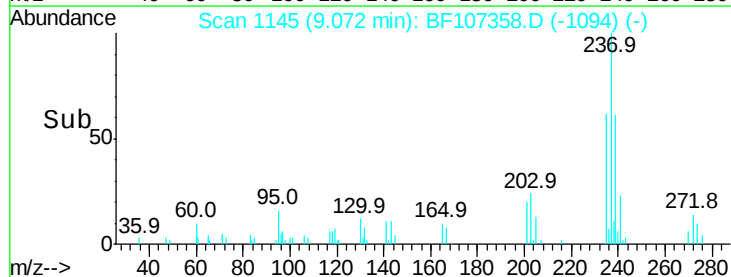
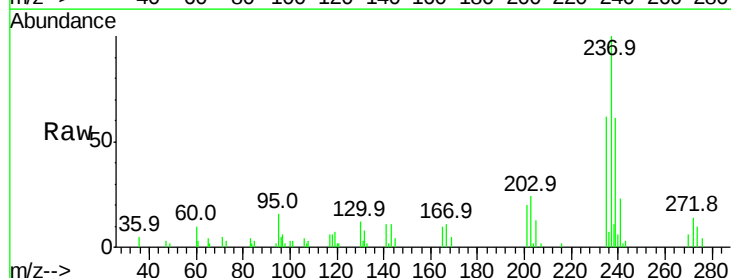
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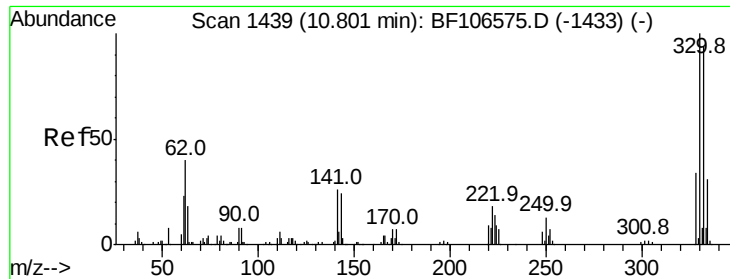
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#40
 Hexachlorocyclopentadiene
 Concen: 6.904 ng
 RT: 9.07 min Scan# 1145
 Delta R.T. 0.00 min
 Lab File: BF107358.D
 Acq: 13 Jul 2018 11:18

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	61.9	44.8	84.8
272	14.0	0.0	33.3





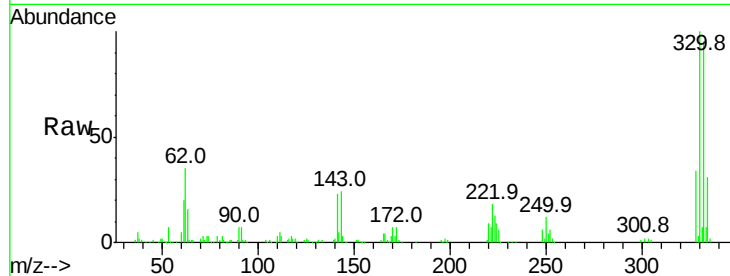
#41
 2,4,6-Tribromophenol
 Concen: 125.906 ng
 RT: 10.78 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF107358.D
 Acq: 13 Jul 2018 11:18

Instrument :
 BNA_F
 ClientSampleId :
 EP-4-7MS

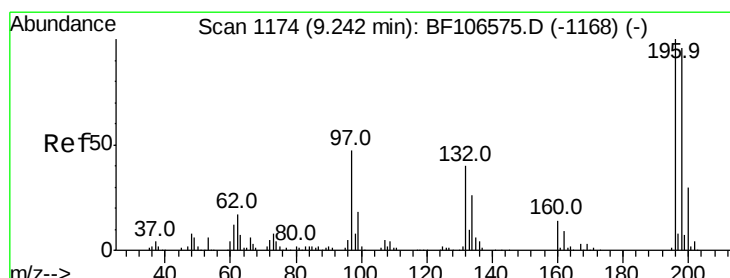
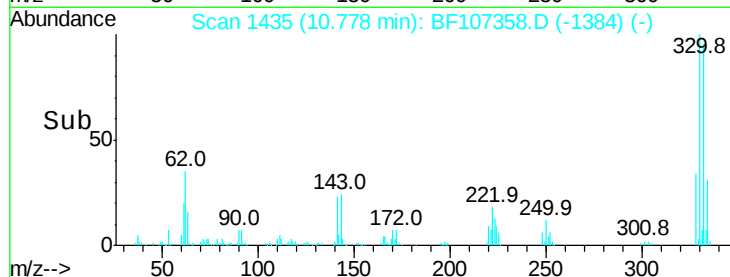
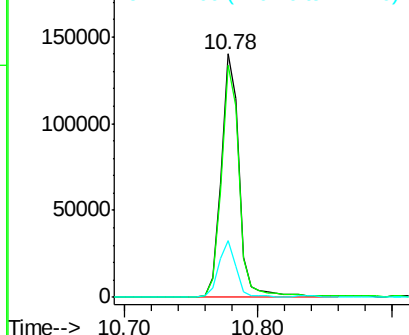
Tot Ion	Ratio	Resp	Lower	Upper
330	100	134451		
332	96.4	77.0	115.6	
141	22.7	29.9	44.9#	

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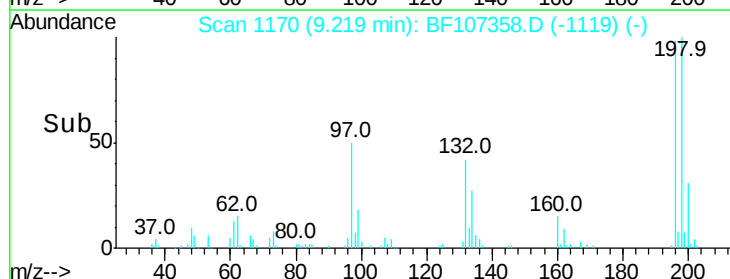
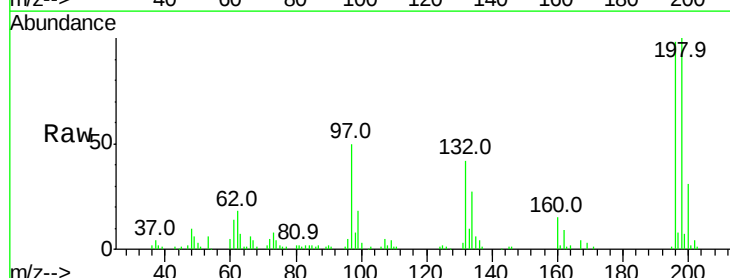
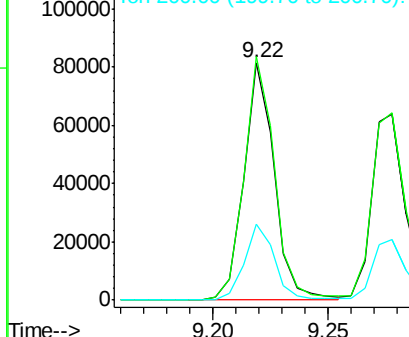
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 36.507 ng
 RT: 9.22 min Scan# 1170
 Delta R.T. 0.00 min
 Lab File: BF107358.D
 Acq: 13 Jul 2018 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	75295		
198	102.4	75.7	113.5	
200	31.8	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





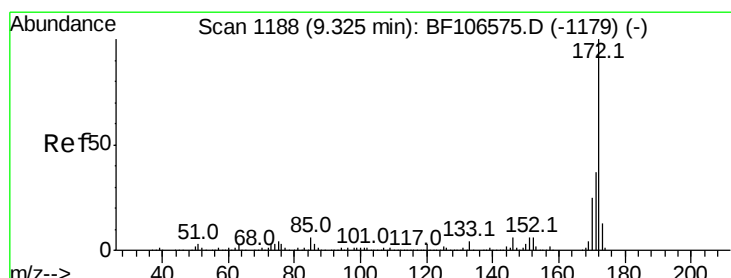
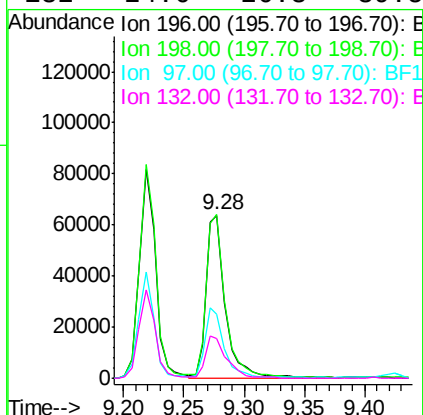
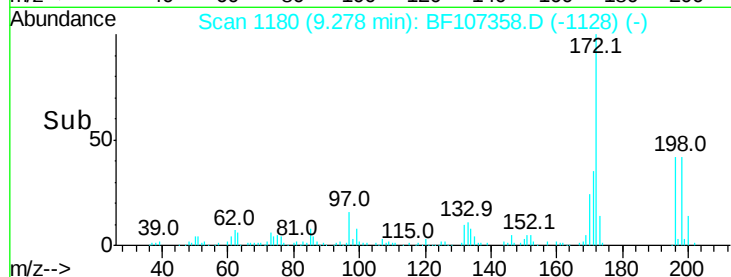
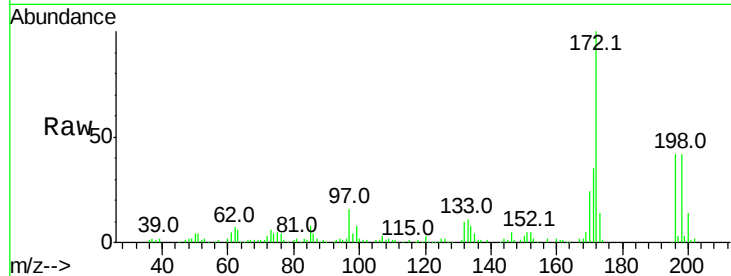
#43
 2,4,5-Trichlorophenol
 Concen: 33.299 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: BF107358.D
 Acq: 13 Jul 2018 11:18

Instrument :
 BNA_F
 ClientSampleId :
 EP-4-7MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	71665		
198	100.6	74.6	112.0	
97	39.2	42.9	64.3	
132	24.6	26.3	39.5	

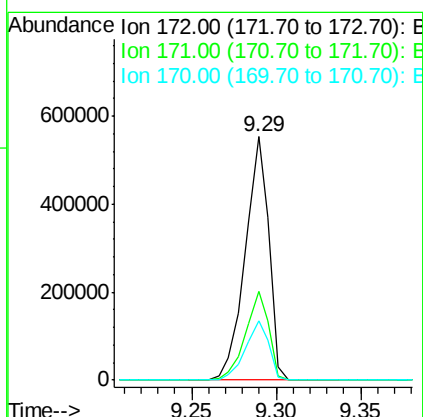
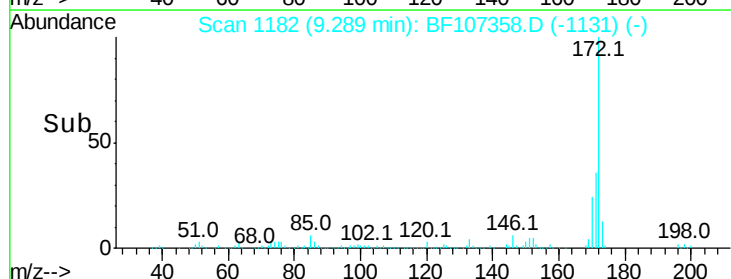
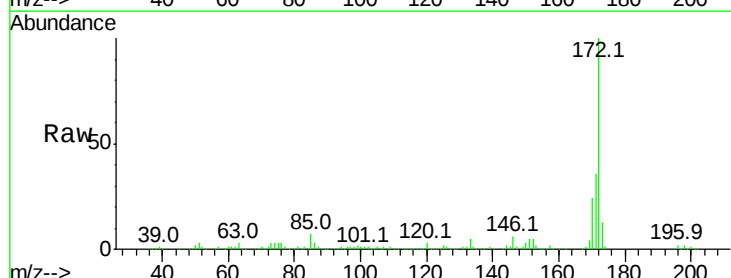
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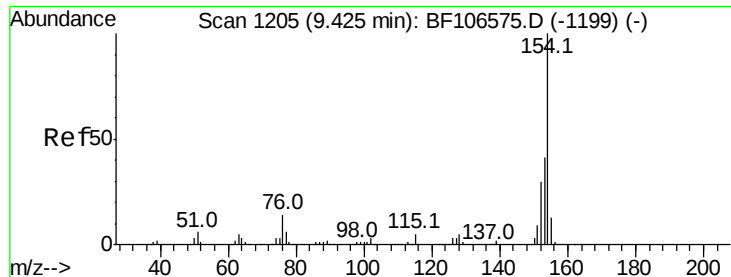
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 102.309 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF107358.D
 Acq: 13 Jul 2018 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	540548		
171	36.3	29.7	44.5	
170	24.4	19.6	29.4	





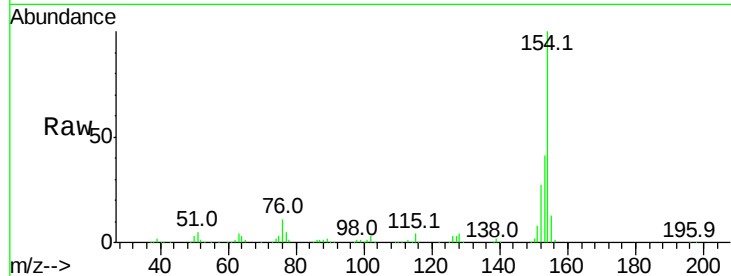
#45
1,1'-Biphenyl
Concen: 44.125 ng
RT: 9.40 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF107358.D
Acq: 13 Jul 2018 11:18

Instrument :
BNA_F
ClientSampleId :
EP-4-7MS

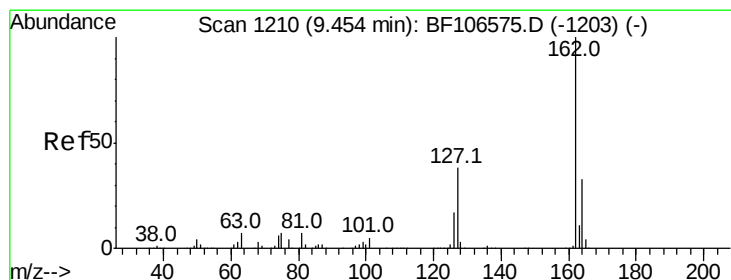
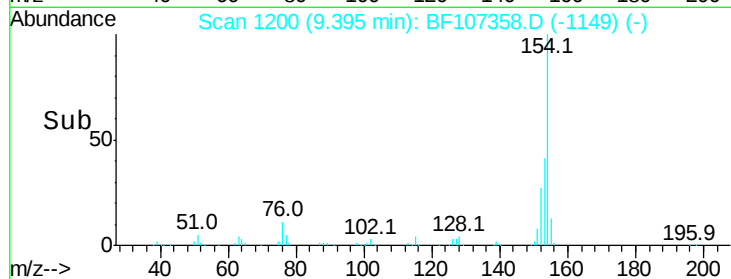
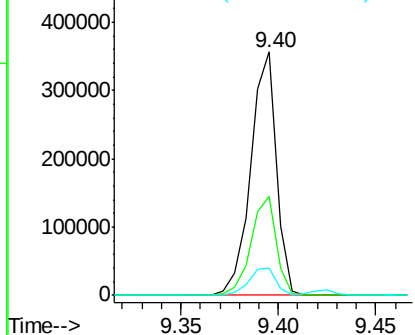
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.7	21.3	61.3	
76	11.1	0.0	34.0	

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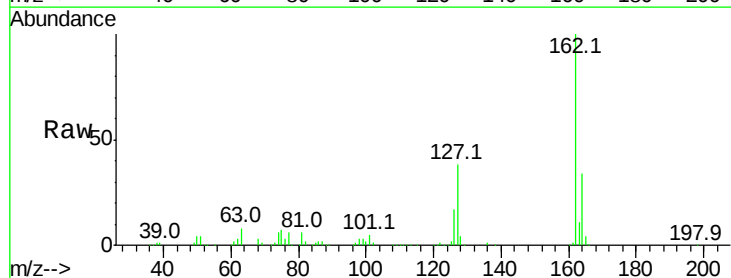


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

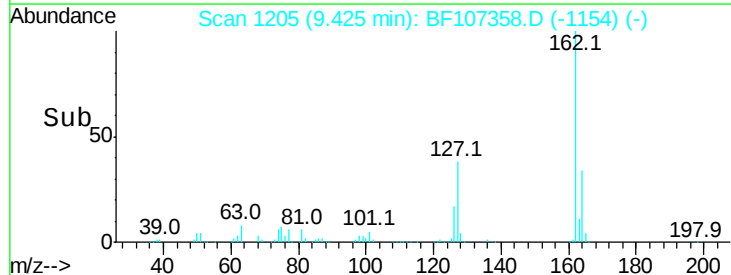
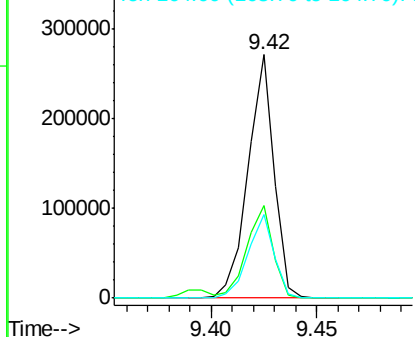


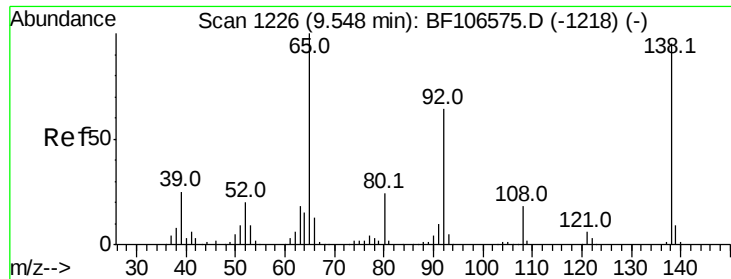
#46
2-Chloronaphthalene
Concen: 40.180 ng
RT: 9.42 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF107358.D
Acq: 13 Jul 2018 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	38.3	33.9	50.9	
164	34.4	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





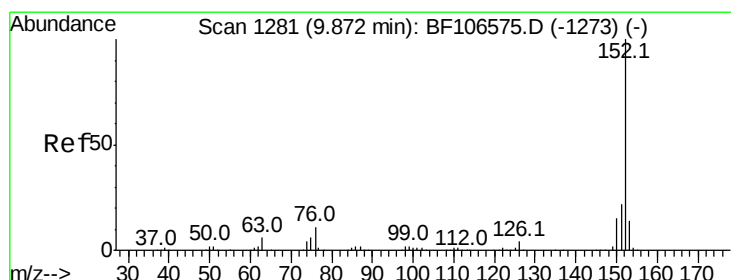
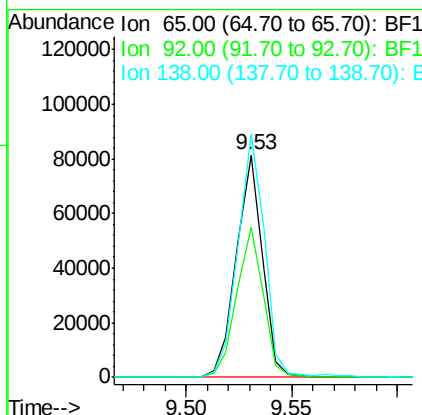
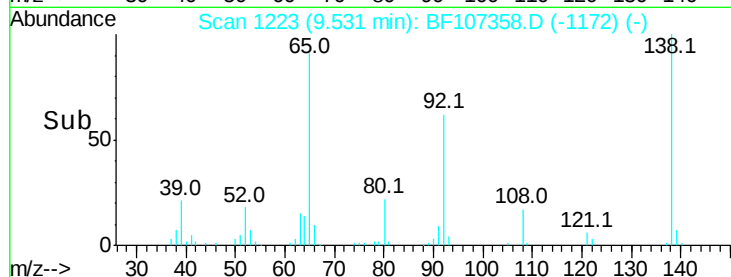
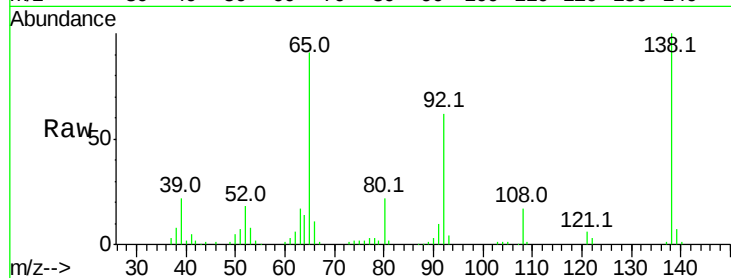
#47
 2-Nitroaniline
 Concen: 35.709 ng
 RT: 9.53 min Scan# 1223
 Delta R.T. 0.00 min
 Lab File: BF107358.D
 Acq: 13 Jul 2018 11:18

Instrument :
 BNA_F
 ClientSampleId :
 EP-4-7MS

Tot Ion:	65	Resp:	69403
Ion Ratio	Lower	Upper	
65	100		
92	67.7	55.8	83.6
138	109.7	91.2	136.8

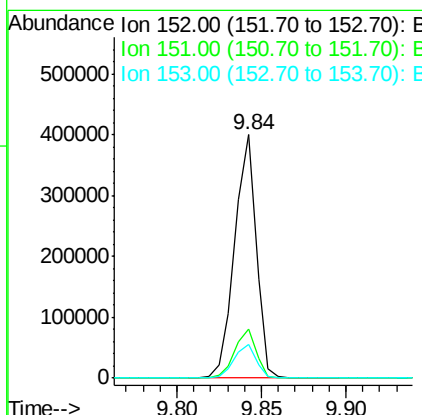
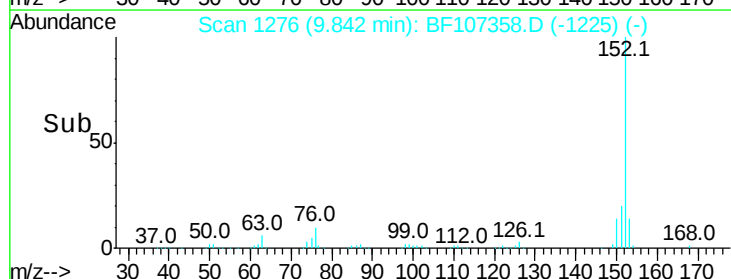
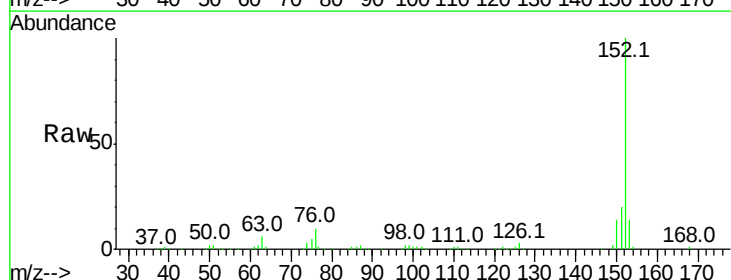
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#48
 Acenaphthylene
 Concen: 38.851 ng
 RT: 9.84 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: BF107358.D
 Acq: 13 Jul 2018 11:18

Tgt Ion:	152	Resp:	354519
Ion Ratio	Lower	Upper	
152	100		
151	19.9	16.3	24.5
153	13.6	10.7	16.1





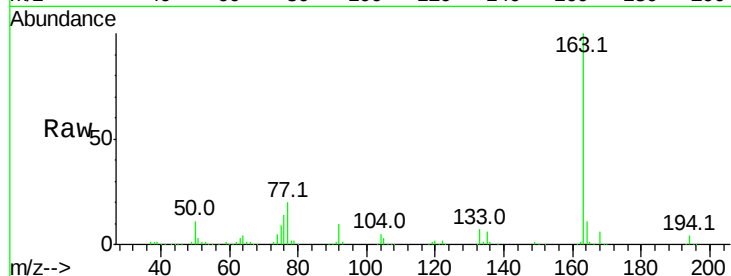
#49
Dimethylphthalate
Concen: 49.684 ng
RT: 9.69 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BF107358.D
Acq: 13 Jul 2018 11:18

Instrument :
BNA_F
ClientSampled :
EP-4-7MS

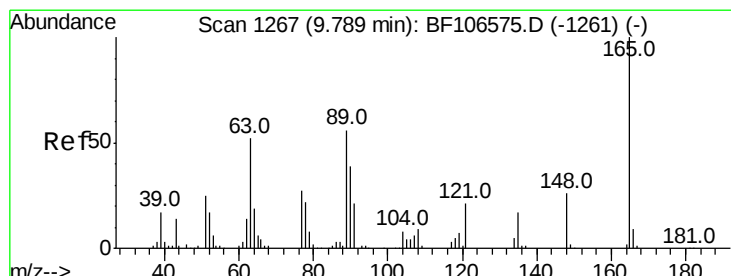
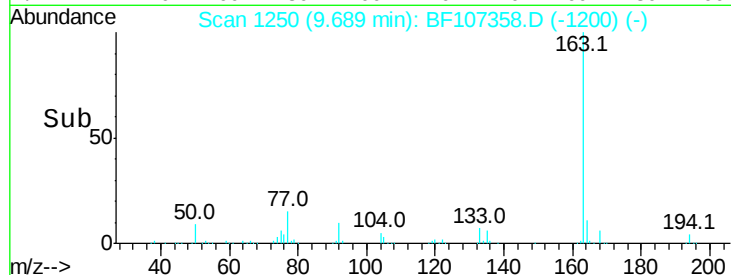
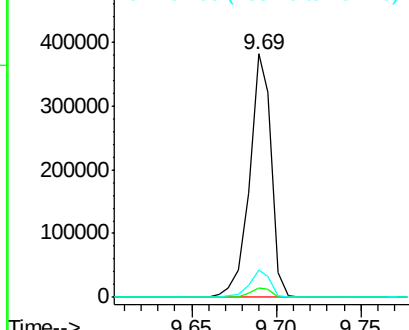
Tot Ion	Ratio	Resp	Lower	Upper
163	100	343330		
194	3.8	2.7	4.1	
164	11.3	8.2	12.2	

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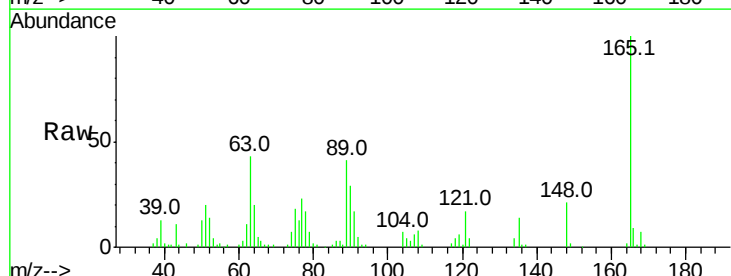


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

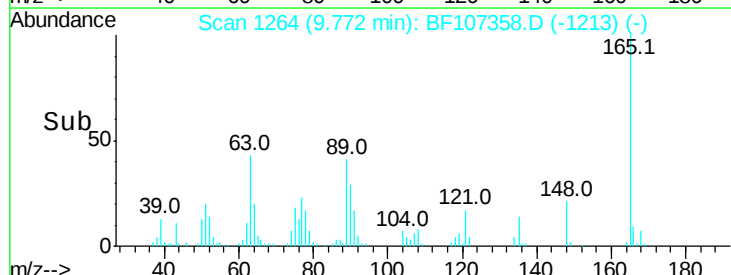
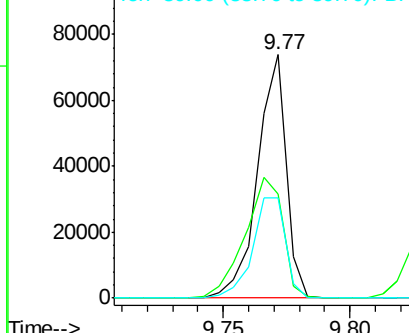


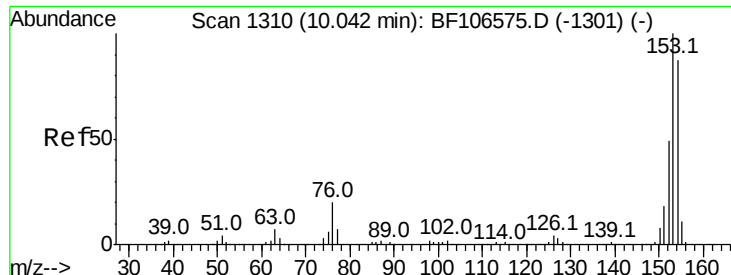
#50
2,6-Dinitrotoluene
Concen: 40.041 ng
RT: 9.77 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BF107358.D
Acq: 13 Jul 2018 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	58590		
63	43.0	44.7	67.1#	
89	41.4	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





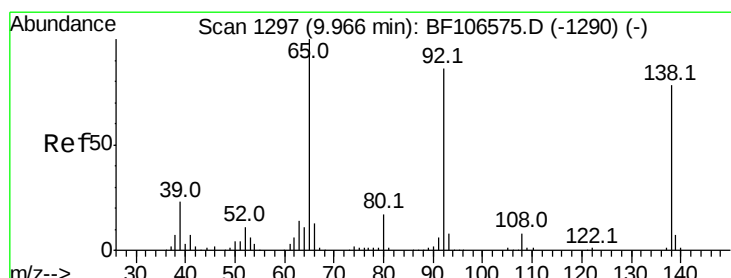
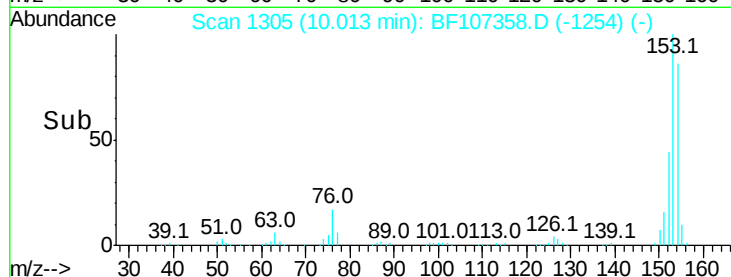
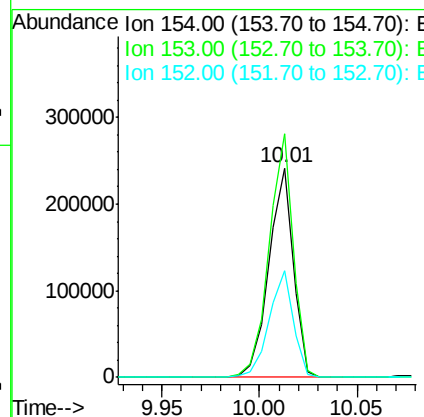
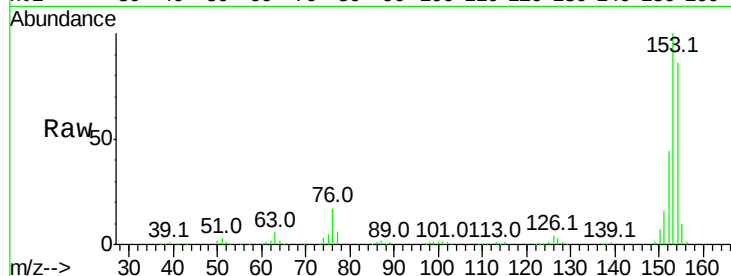
#51
Acenaphthene
Concen: 36.668 ng
RT: 10.01 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF107358.D
Acq: 13 Jul 2018 11:18

Instrument :
BNA_F
ClientSampleId :
EP-4-7MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	116.5	91.2	136.8
152	51.3	43.8	65.8

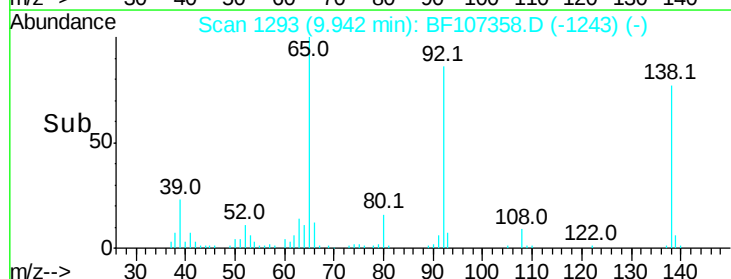
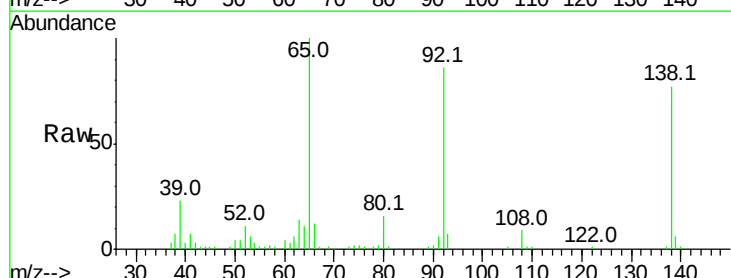
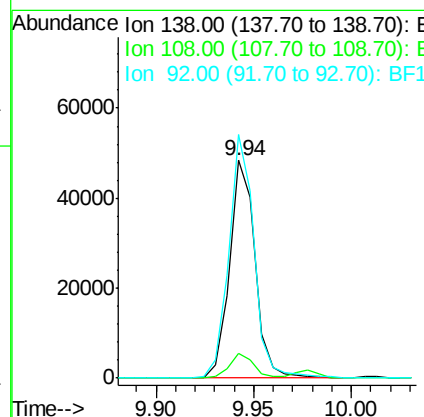
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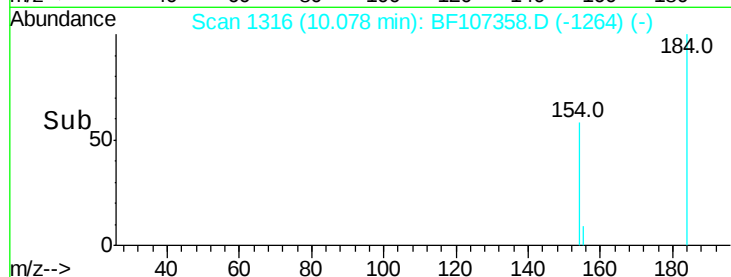
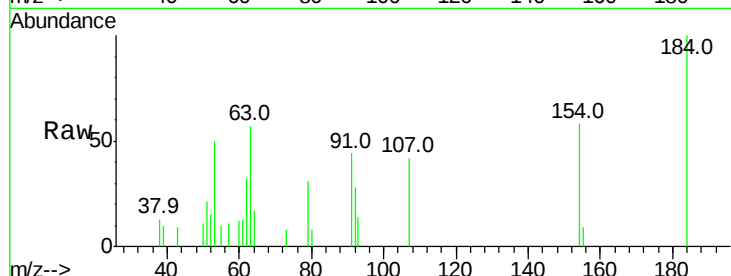
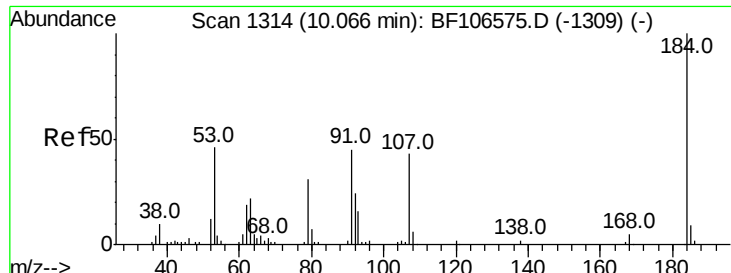
Sohil
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#52
3-Nitroaniline
Concen: 26.070 ng
RT: 9.94 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF107358.D
Acq: 13 Jul 2018 11:18

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.4	9.4	14.0
92	111.9	89.4	134.2





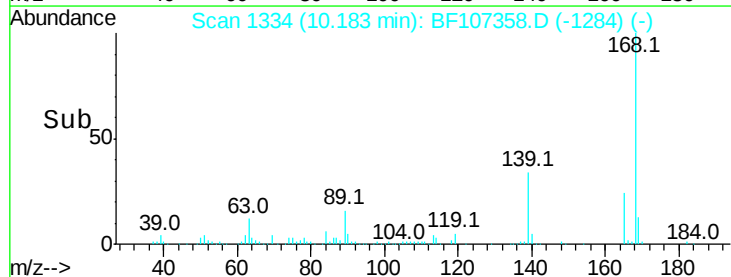
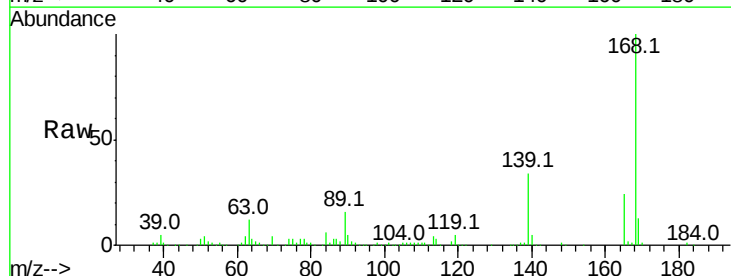
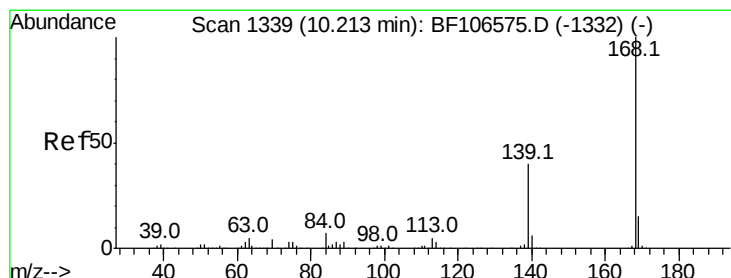
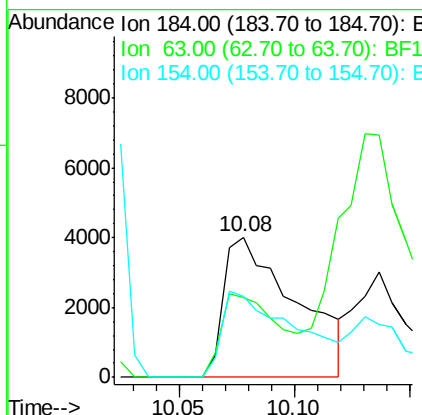
#53
2,4-Dinitrophenol
Concen: 16.015 ng
RT: 10.08 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BF107358.D
Acq: 13 Jul 2018 11:18

Tot Ion:184 Resp: 8693
Ion Ratio Lower Upper
184 100
63 57.0 54.2 81.2
154 58.1 184.0 276.0#

Instrument :
BNA_F
ClientSampled :
EP-4-7MS

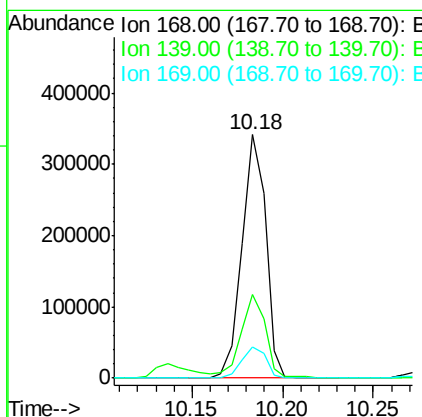
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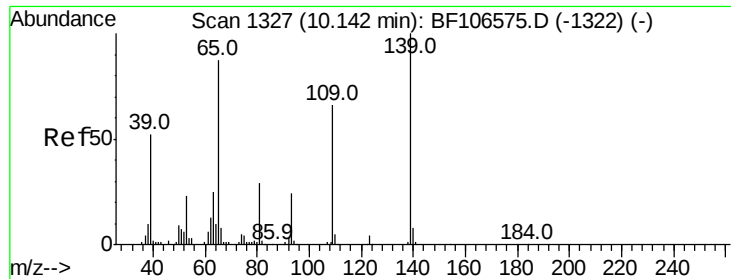
Sohil
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#54
Dibenzofuran
Concen: 39.659 ng
RT: 10.18 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF107358.D
Acq: 13 Jul 2018 11:18

Tgt Ion:168 Resp: 312052
Ion Ratio Lower Upper
168 100
139 34.3 30.1 45.1
169 13.0 10.9 16.3





#55

4-Nitrophenol

Concen: 23.380 ng

RT: 10.14 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF107358.D

Acq: 13 Jul 2018 11:18

Instrument :

BNA_F

ClientSampleId :

EP-4-7MS

Tot Ion:139 Resp: 27479

Ion Ratio Lower Upper

139 100

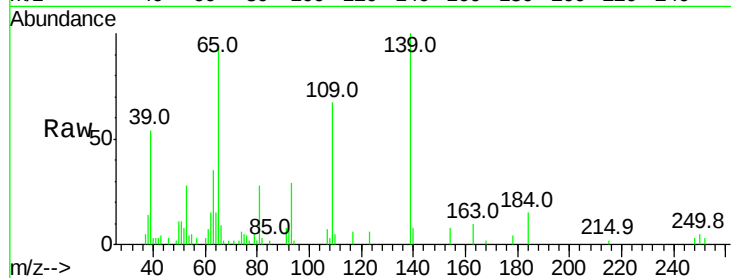
109 66.8 48.4 88.4

65 93.0 72.6 112.6

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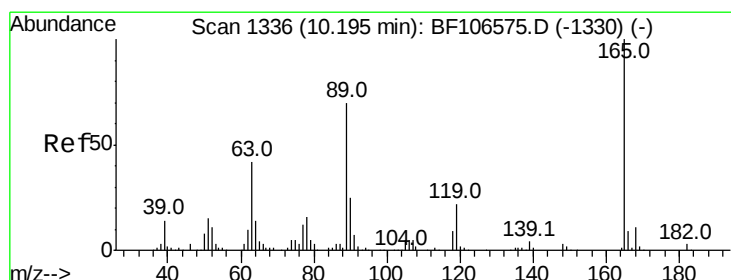
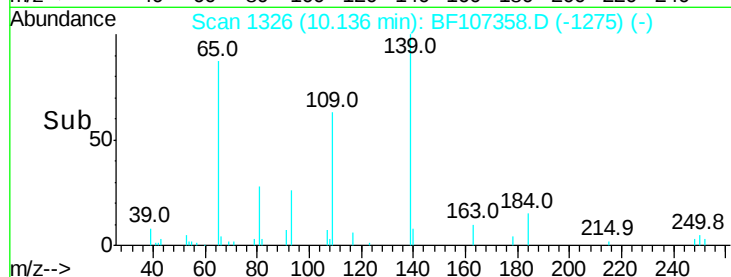
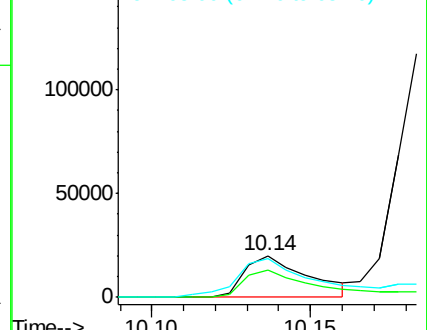


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 35.814 ng

RT: 10.18 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF107358.D

Acq: 13 Jul 2018 11:18

Tgt Ion:165 Resp: 68403

Ion Ratio Lower Upper

165 100

63 51.5 36.4 54.6

89 67.4 57.8 86.6

182 2.2 1.6 2.4

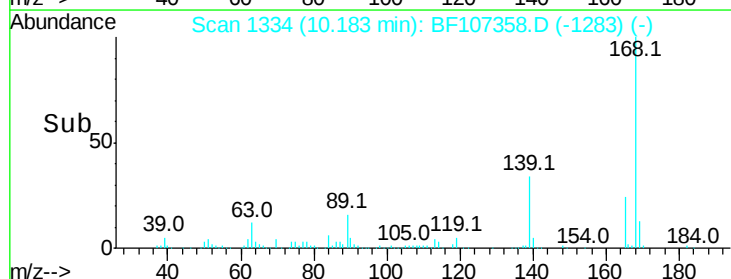
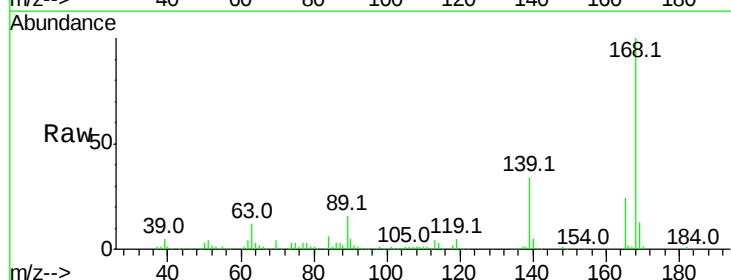
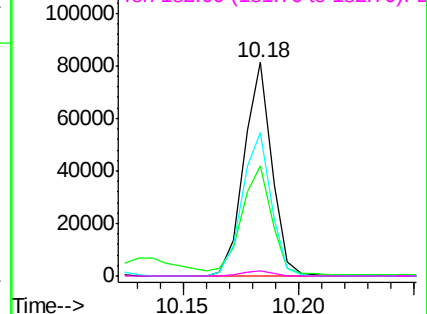
Abundance

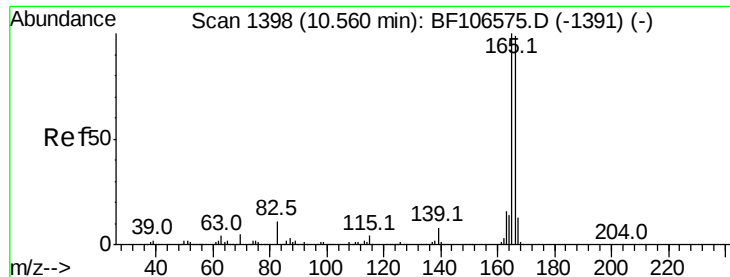
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.105 ng

RT: 10.53 min Scan# 1393

Delta R.T. 0.00 min

Lab File: BF107358.D

Acq: 13 Jul 2018 11:18

Instrument :

BNA_F

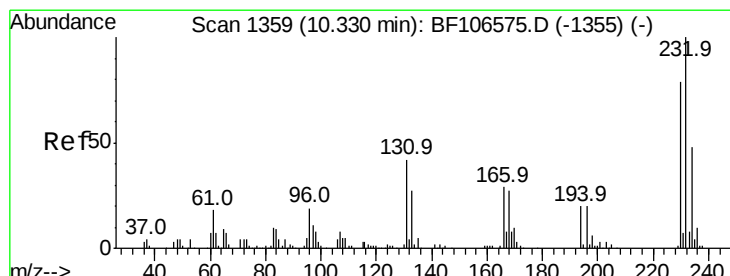
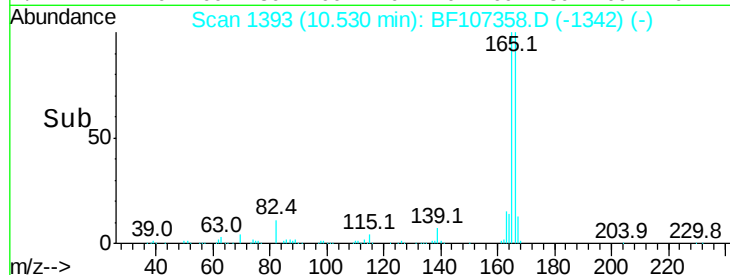
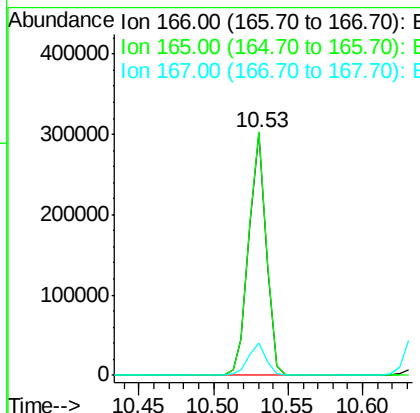
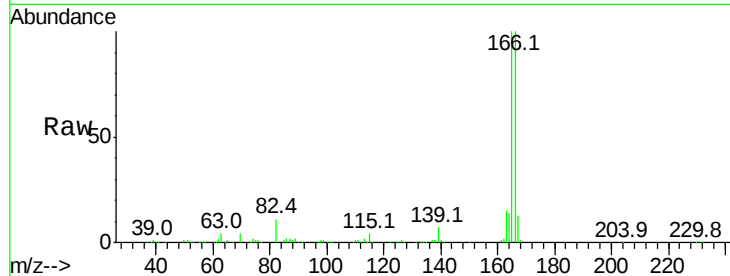
ClientSampleId :

EP-4-7MS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	244163		
165	100.3	79.8	119.8	
167	13.2	10.6	16.0	

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#58

2,3,4,6-Tetrachlorophenol

Concen: 33.899 ng

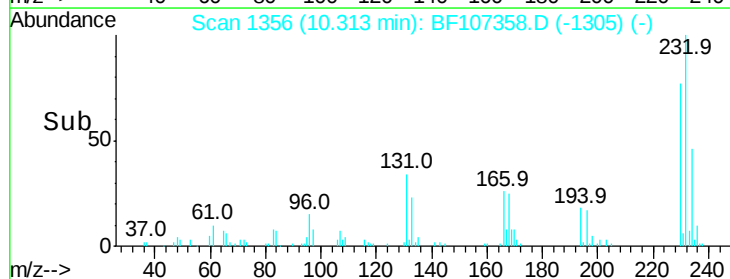
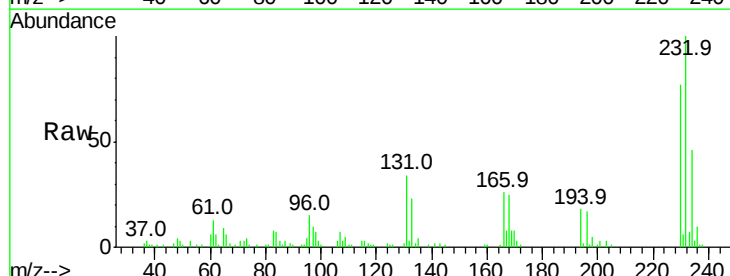
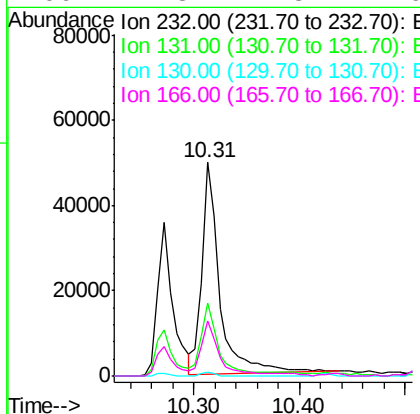
RT: 10.31 min Scan# 1356

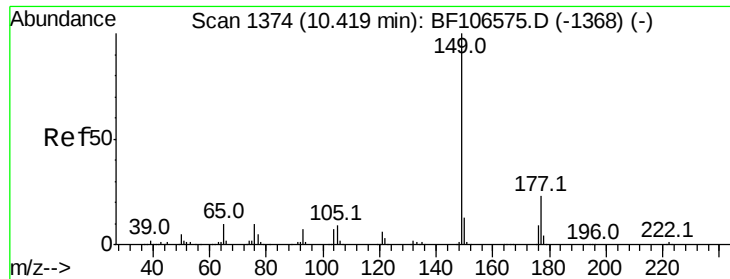
Delta R.T. 0.00 min

Lab File: BF107358.D

Acq: 13 Jul 2018 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	57993		
131	30.4	43.8	65.8#	
130	1.1	2.1	3.1#	
166	22.3	27.8	41.6#	





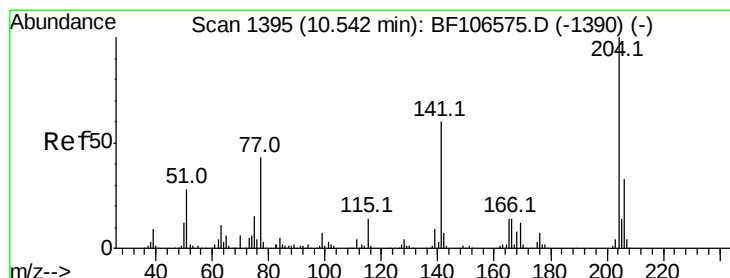
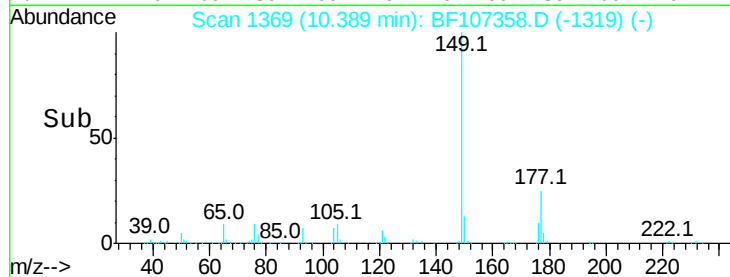
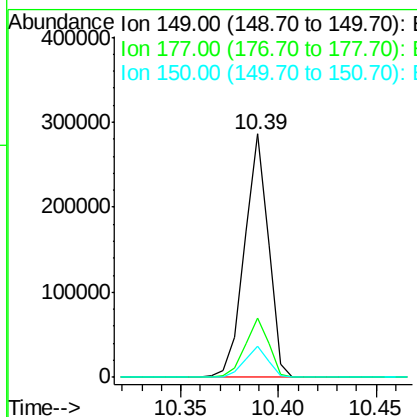
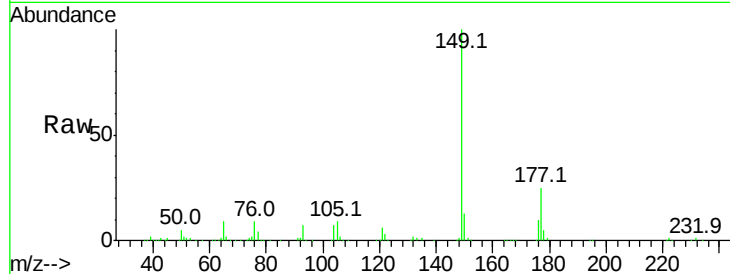
#59
 Diethylphthalate
 Concen: 36.453 ng
 RT: 10.39 min Scan# 1369
 Delta R.T. -0.01 min
 Lab File: BF107358.D
 Acq: 13 Jul 2018 11:18

Instrument :
 BNA_F
 ClientSampled :
 EP-4-7MS

Tot Ion:	149	Resp:	243128
Ion Ratio	Lower	Upper	
149	100		
177	24.5	16.1	24.1#
150	12.7	10.1	15.1

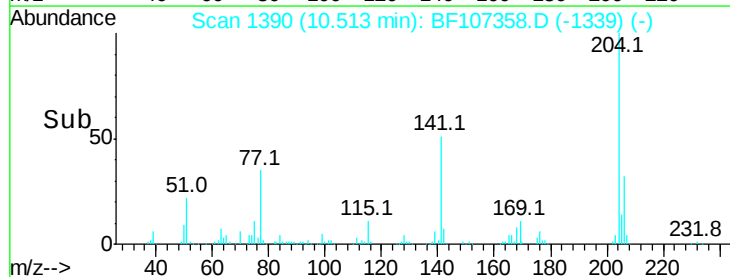
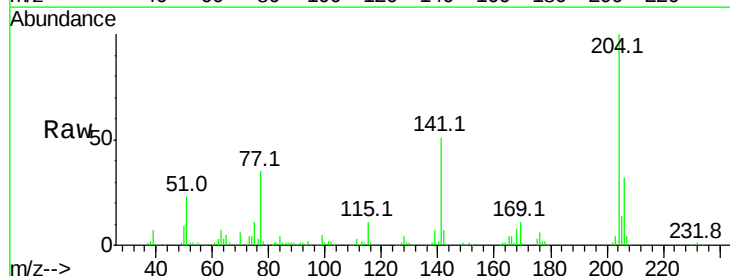
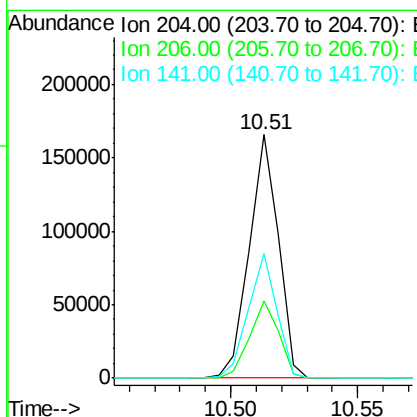
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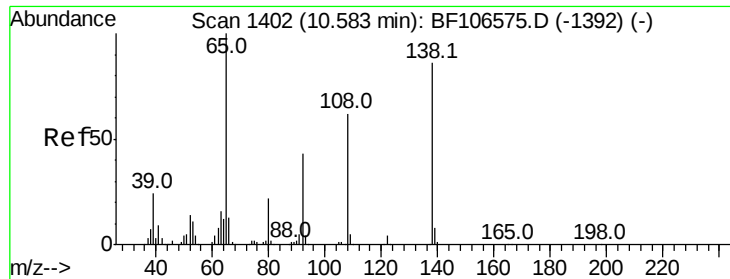
Sohil
 7/16/2018 3:22:01 PM



#60
 4-Chlorophenyl-phenylether
 Concen: 40.664 ng
 RT: 10.51 min Scan# 1390
 Delta R.T. 0.00 min
 Lab File: BF107358.D
 Acq: 13 Jul 2018 11:18

Tgt Ion:	204	Resp:	132845
Ion Ratio	Lower	Upper	
204	100		
206	31.8	26.5	39.7
141	51.4	54.6	81.8#





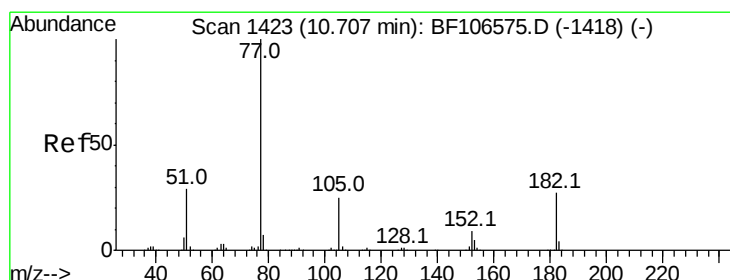
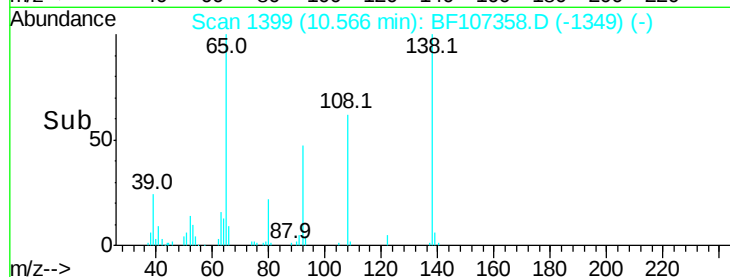
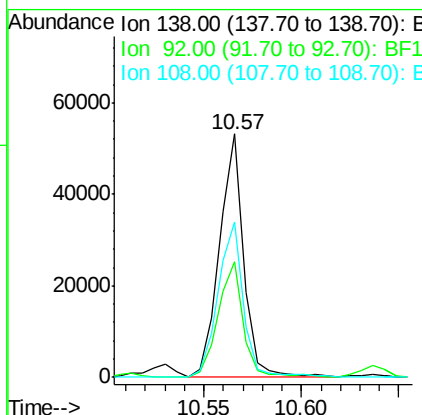
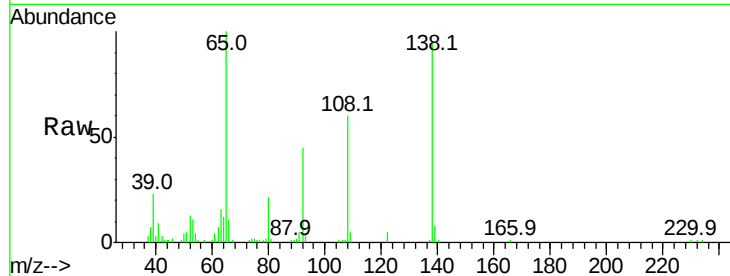
#61
4-Nitroaniline
Concen: 27.524 ng
RT: 10.57 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF107358.D
Acq: 13 Jul 2018 11:18

Instrument :
BNA_F
ClientSampleId :
EP-4-7MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.3	30.2	70.2
108	64.0	52.5	92.5

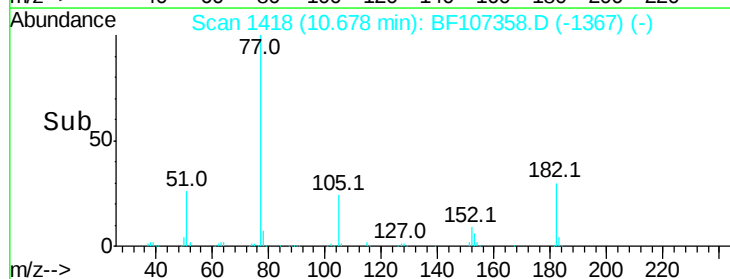
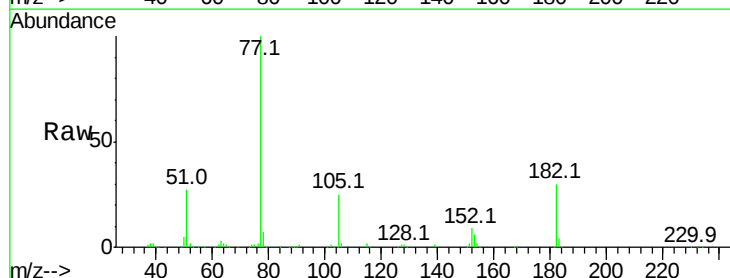
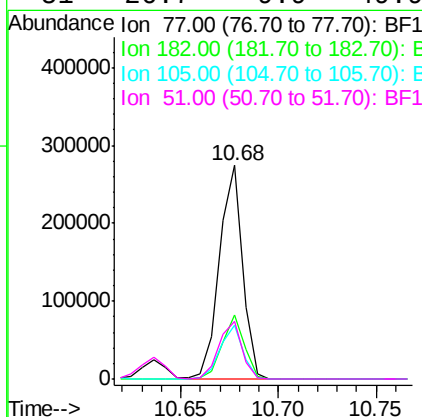
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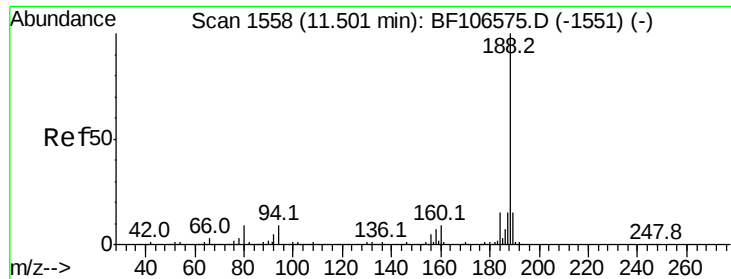
Sohil
7/16/2018 3:22:01 PM



#62
Azobenzene
Concen: 34.457 ng
RT: 10.68 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF107358.D
Acq: 13 Jul 2018 11:18

Tgt Ion	Ratio	Lower	Upper
77	100		
182	30.0	1.7	41.7
105	25.4	3.0	43.0
51	26.7	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1554

Delta R.T. 0.00 min

Lab File: BF107358.D

Acq: 13 Jul 2018 11:18

Instrument :

BNA_F

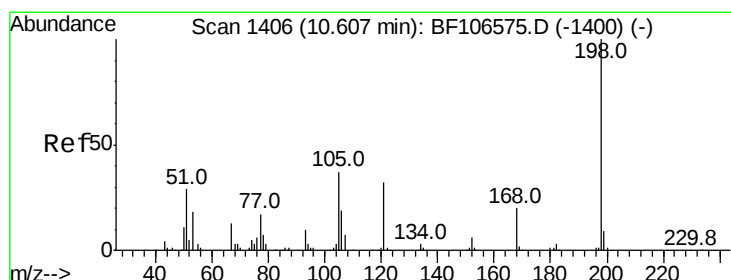
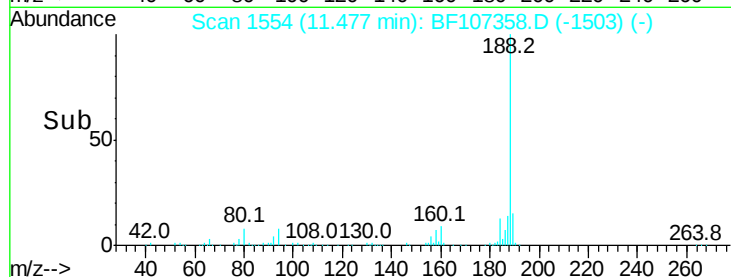
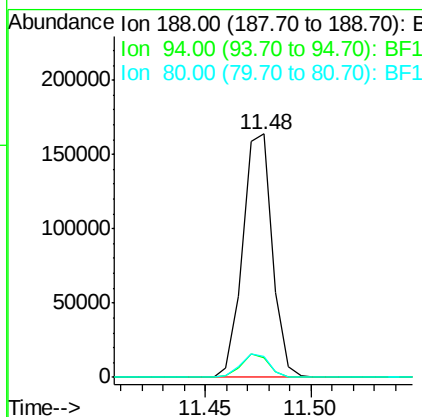
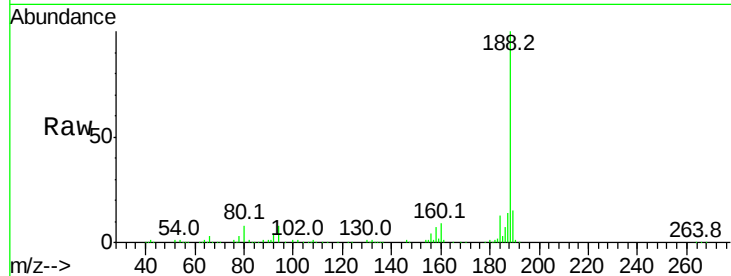
ClientSampled :

EP-4-7MS

Tot Ion:	188	Resp:	158630
Ion Ratio	Lower	Upper	
188	100		
94	8.1	8.5	12.7#
80	8.4	9.2	13.8#

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 16.363 ng

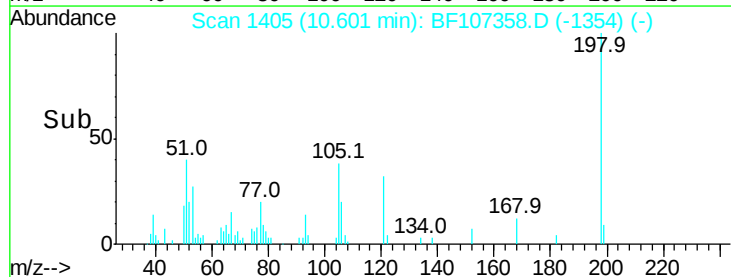
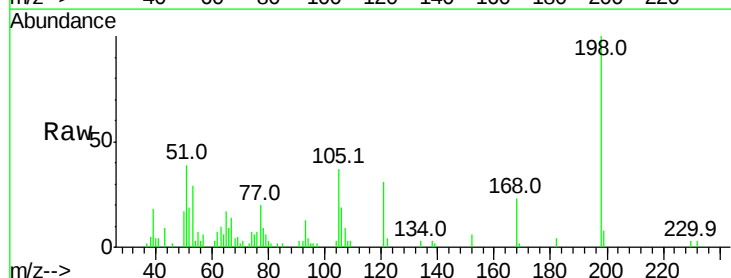
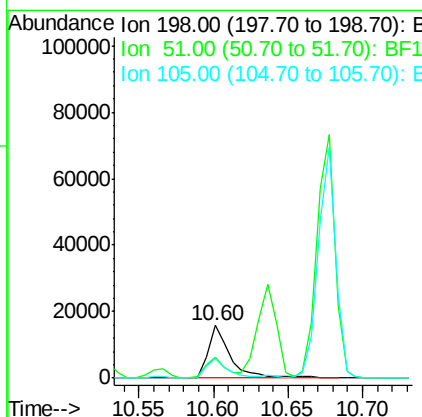
RT: 10.60 min Scan# 1405

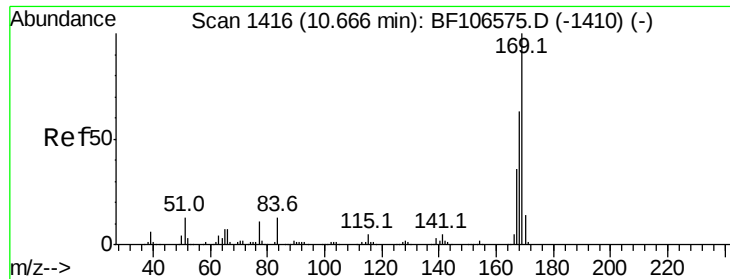
Delta R.T. 0.00 min

Lab File: BF107358.D

Acq: 13 Jul 2018 11:18

Tgt Ion:	198	Resp:	16045
Ion Ratio	Lower	Upper	
198	100		
51	39.2	37.7	77.7
105	36.6	36.3	76.3





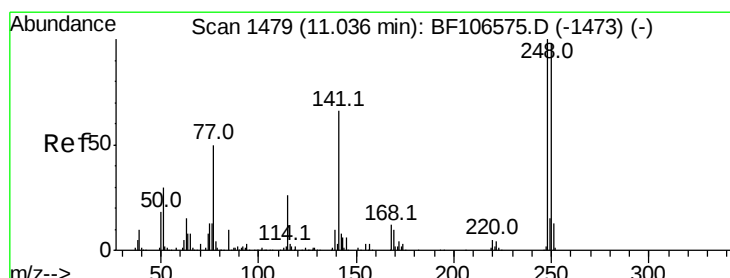
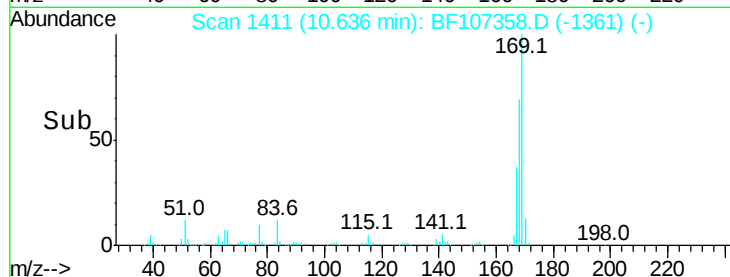
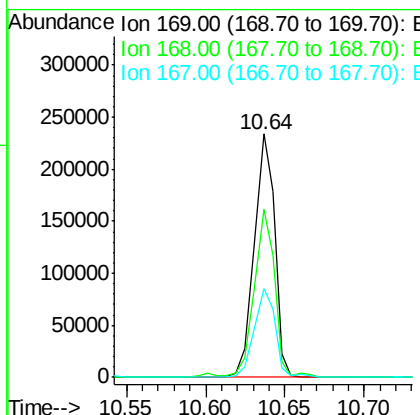
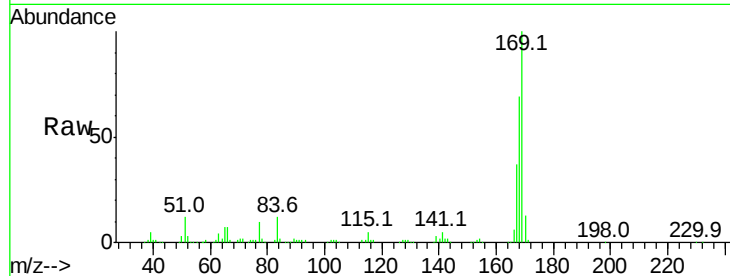
#65
n-Nitrosodiphenylamine
Concen: 39.365 ng
RT: 10.64 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF107358.D
Acq: 13 Jul 2018 11:18

Instrument :
BNA_F
ClientSampleId :
EP-4-7MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	210037		
168	68.9		54.4	81.6
167	36.7		29.8	44.6

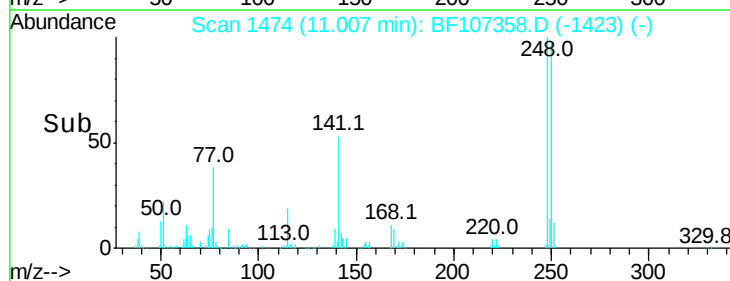
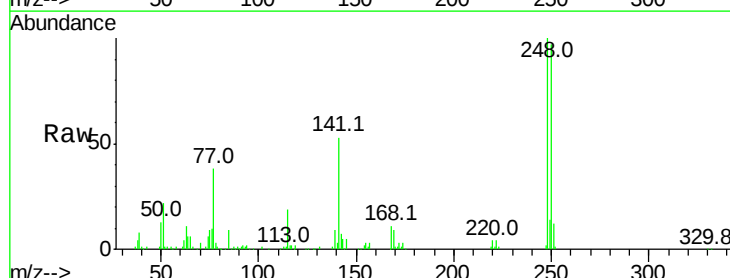
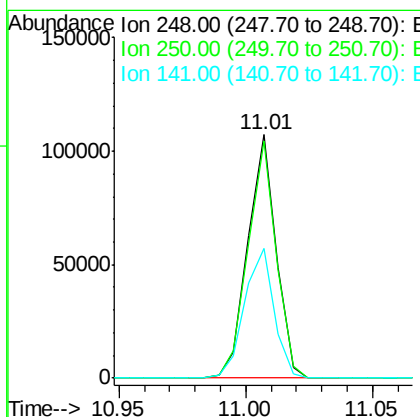
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#66
4-Bromophenyl-phenylether
Concen: 44.047 ng
RT: 11.01 min Scan# 1474
Delta R.T. 0.00 min
Lab File: BF107358.D
Acq: 13 Jul 2018 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	83389		
250	97.5		76.9	115.3
141	53.2		74.4	111.6#





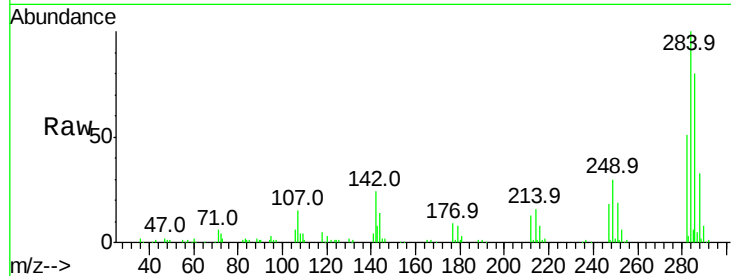
#67
Hexachlorobenzene
Concen: 42.340 ng
RT: 11.08 min Scan# 1487
Delta R.T. 0.00 min
Lab File: BF107358.D
Acq: 13 Jul 2018 11:18

Instrument :
BNA_F
ClientSampleId :
EP-4-7MS

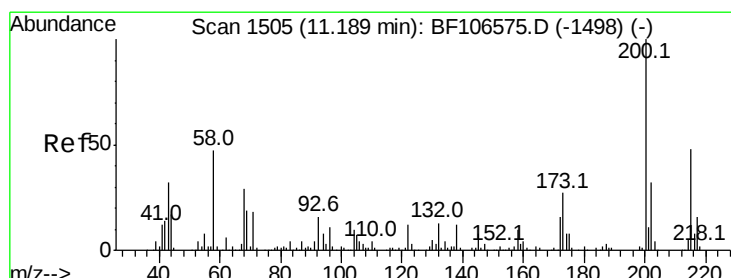
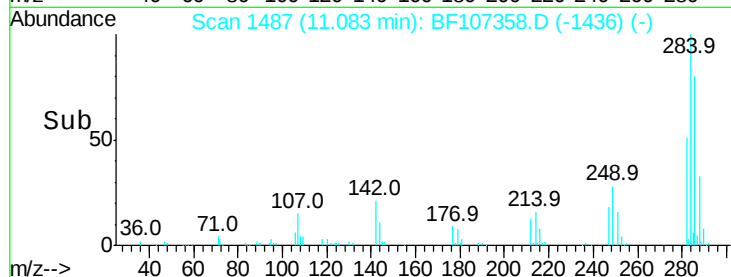
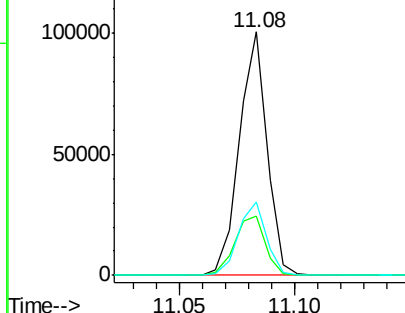
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	24.1	34.6	52.0	
249	29.9	24.8	37.2	

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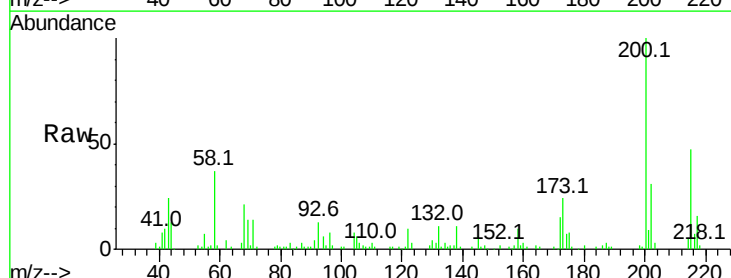


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

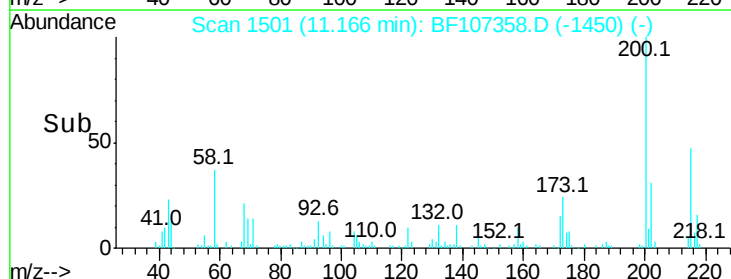
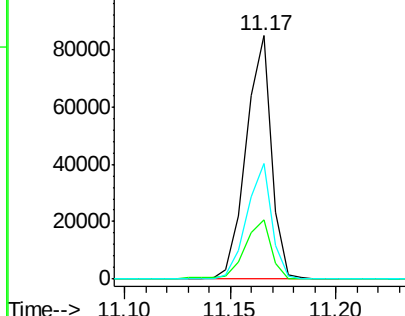


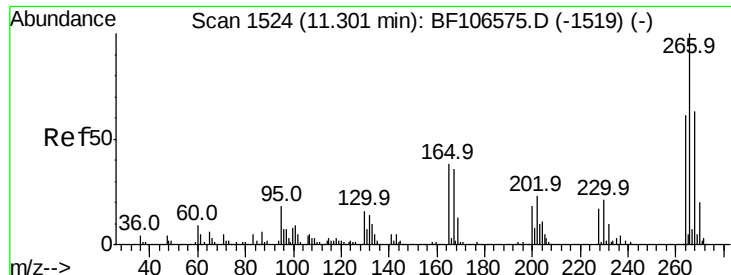
#68
Atrazine
Concen: 41.591 ng
RT: 11.17 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BF107358.D
Acq: 13 Jul 2018 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	24.3	8.6	48.6	
215	47.4	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





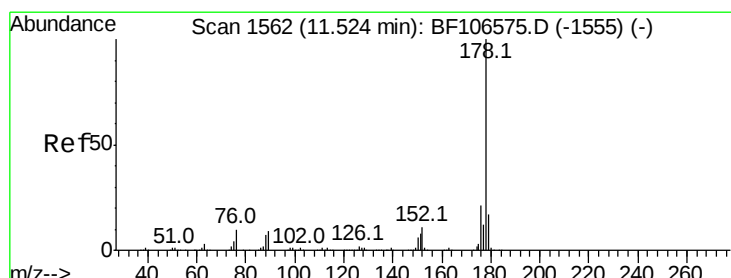
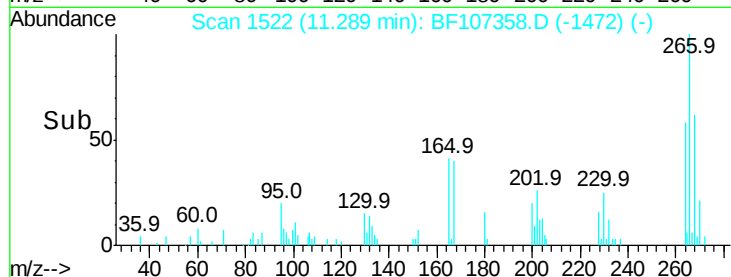
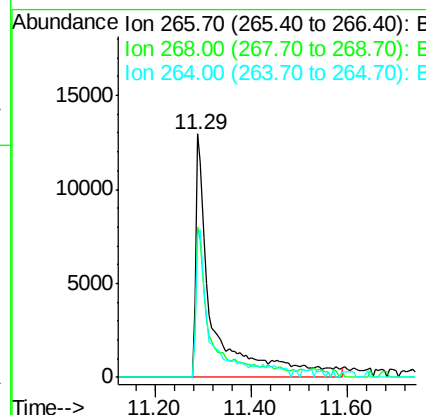
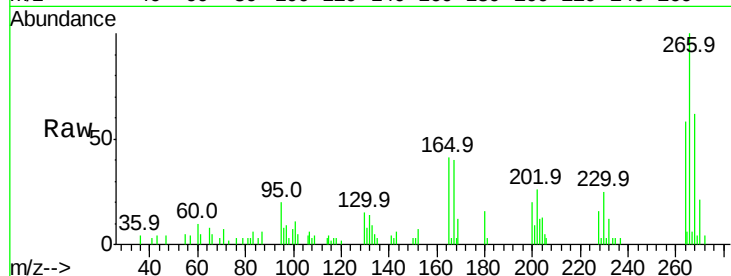
#69
 Pentachlorophenol
 Concen: 31.662 ng m
 RT: 11.29 min Scan# 1522
 Delta R.T. -0.01 min
 Lab File: BF107358.D
 Acq: 13 Jul 2018 11:18

Instrument :
 BNA_F
 ClientSampleId :
 EP-4-7MS

Tot Ion:	266	Resp:	31303
Ion Ratio	Lower	Upper	
266	100		
268	61.8	51.1	76.7
264	57.8	49.5	74.3

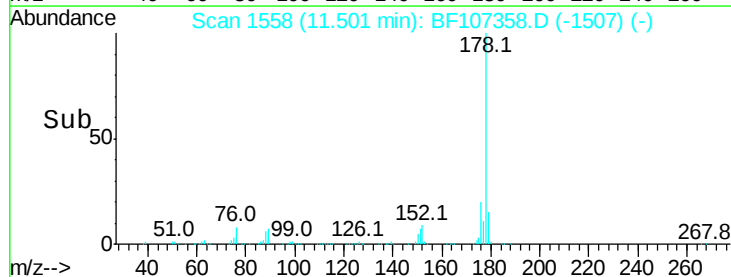
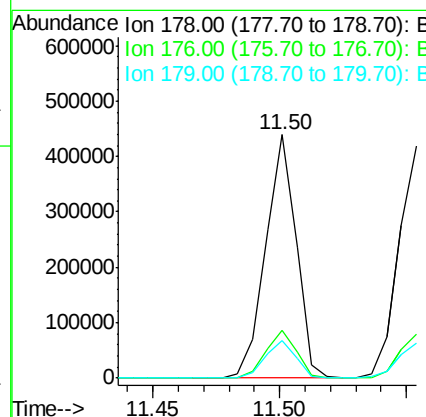
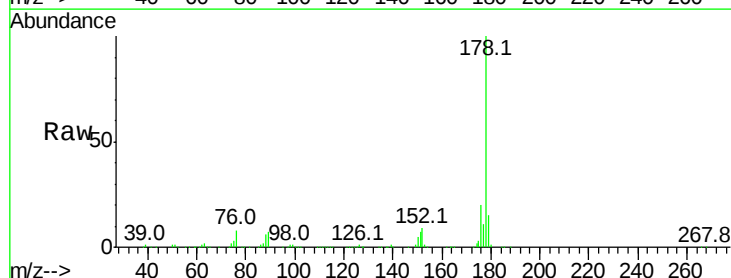
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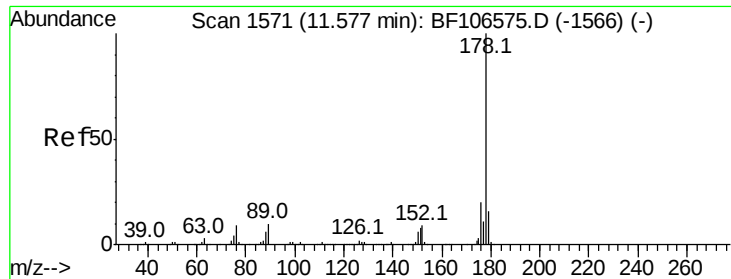
Sohil
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#70
 Phenanthrene
 Concen: 48.322 ng
 RT: 11.50 min Scan# 1558
 Delta R.T. 0.00 min
 Lab File: BF107358.D
 Acq: 13 Jul 2018 11:18

Tgt Ion:	178	Resp:	369712
Ion Ratio	Lower	Upper	
178	100		
176	19.8	15.8	23.8
179	15.2	13.0	19.6





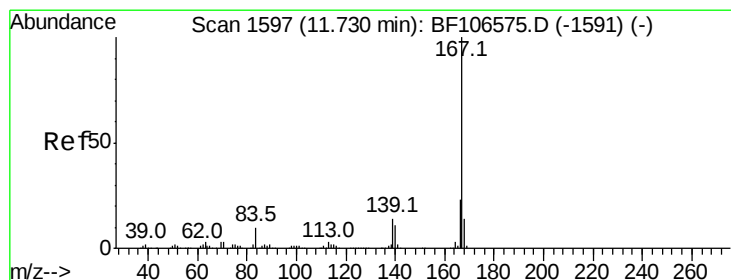
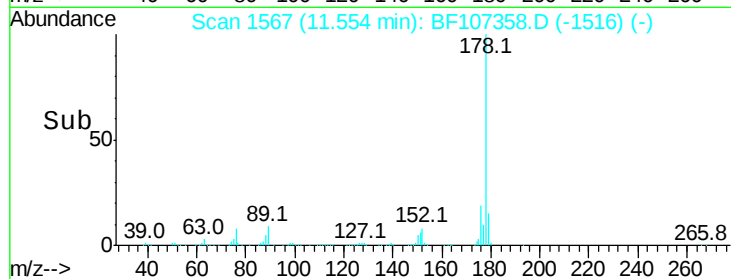
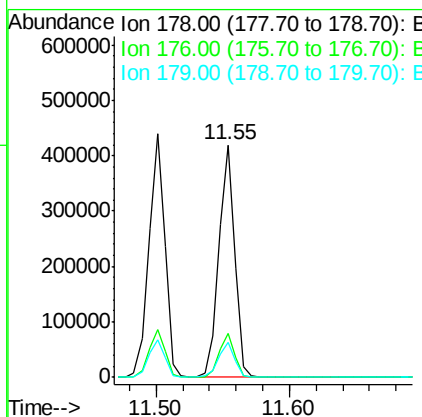
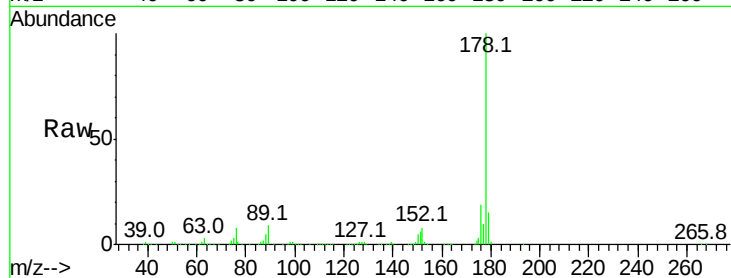
#71
 Anthracene
 Concen: 45.275 ng
 RT: 11.55 min Scan# 1567
 Delta R.T. 0.00 min
 Lab File: BF107358.D
 Acq: 13 Jul 2018 11:18

Instrument :
 BNA_F
 ClientSampled :
 EP-4-7MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	14.8	12.6	19.0

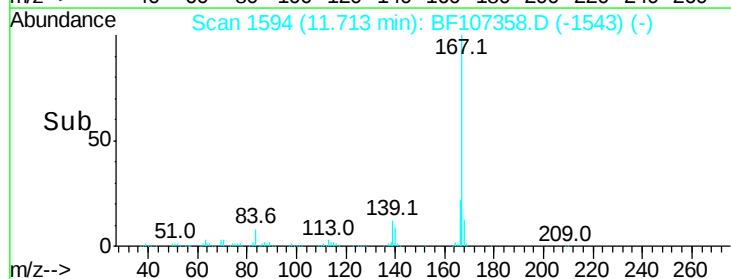
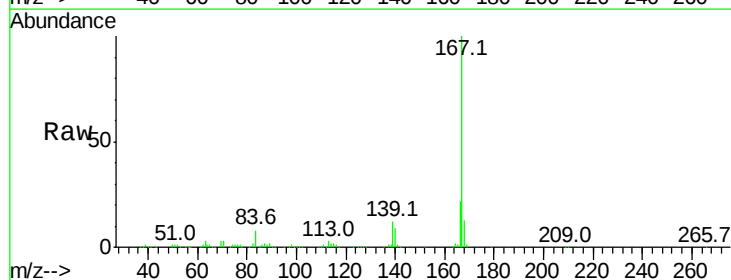
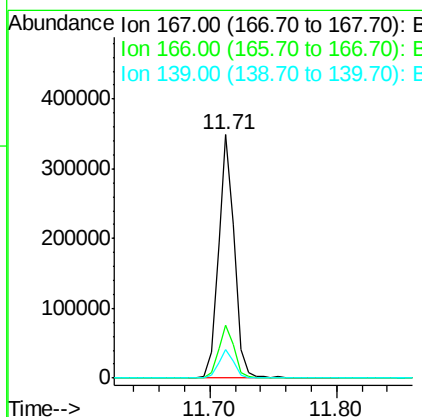
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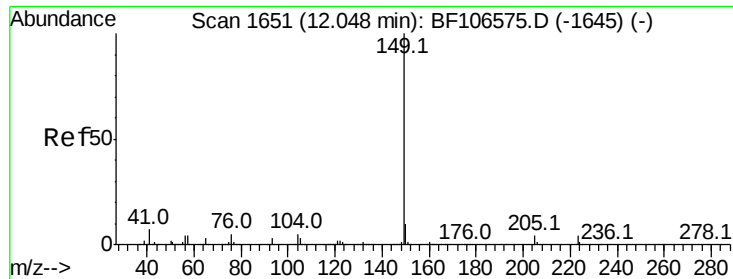
Sohil
 7/16/2018 3:22:01 PM



#72
 Carbazole
 Concen: 41.914 ng
 RT: 11.71 min Scan# 1594
 Delta R.T. 0.00 min
 Lab File: BF107358.D
 Acq: 13 Jul 2018 11:18

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.6	26.4
139	11.7	10.9	16.3





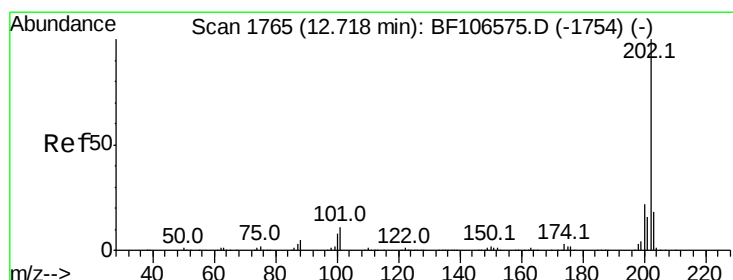
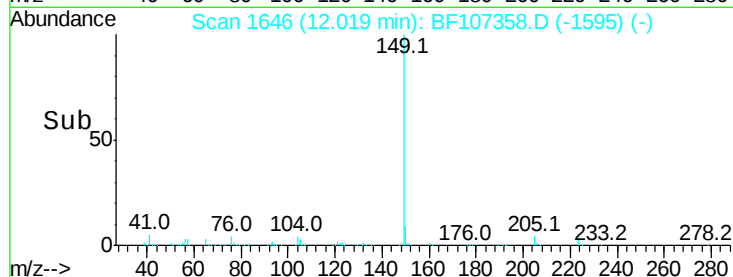
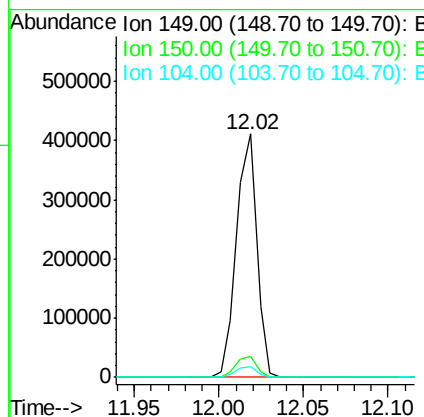
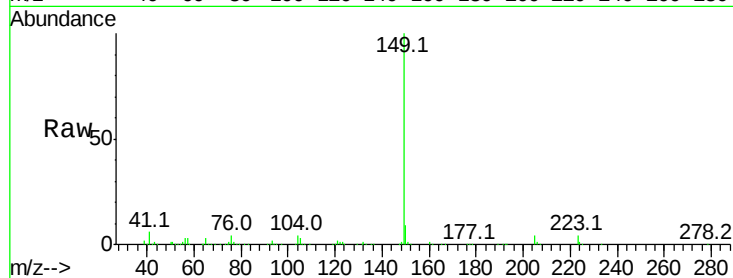
#73
Di-n-butylphthalate
Concen: 40.013 ng
RT: 12.02 min Scan# 1646
Delta R.T. 0.00 min
Lab File: BF107358.D
Acq: 13 Jul 2018 11:18

Instrument :
BNA_F
ClientSampled :
EP-4-7MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	8.7	7.8	11.6	
104	4.2	3.8	5.8	

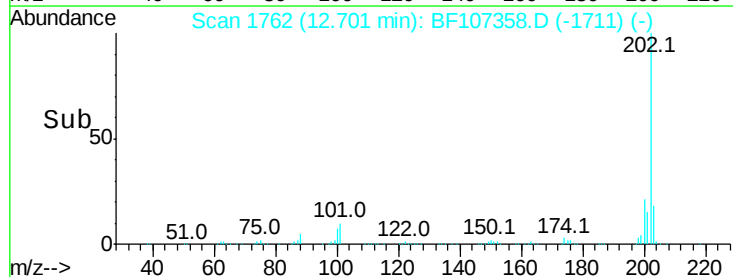
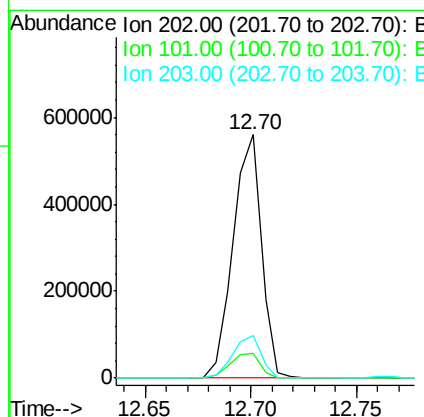
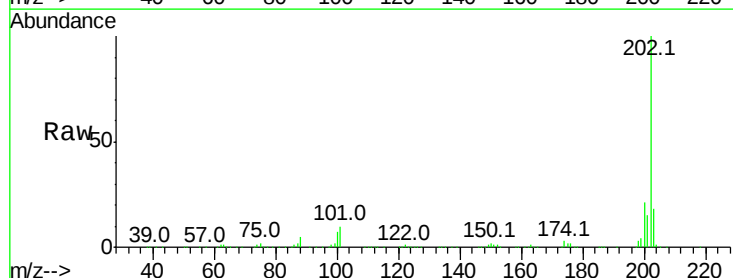
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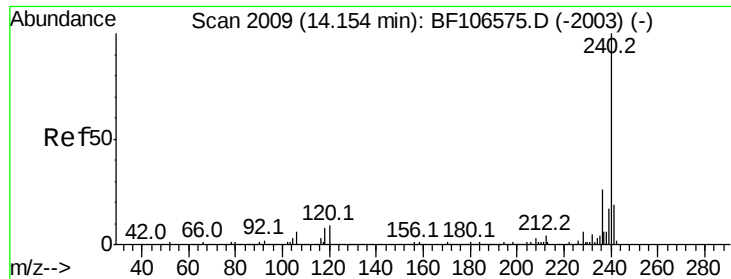
Sohil
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#74
Fluoranthene
Concen: 61.570 ng
RT: 12.70 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BF107358.D
Acq: 13 Jul 2018 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	10.0	0.0	34.1	
203	17.6	0.0	38.1	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BF107358.D

Acq: 13 Jul 2018 11:18

Instrument :

BNA_F

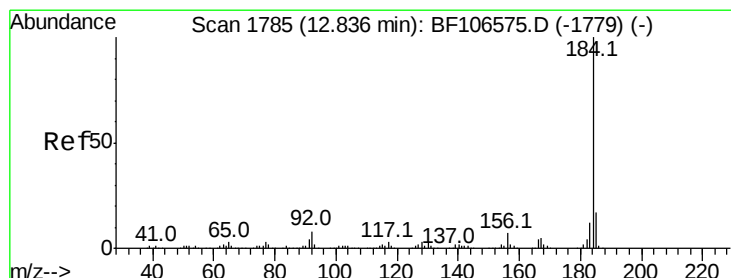
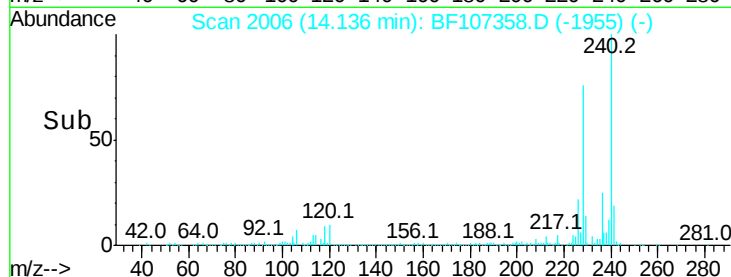
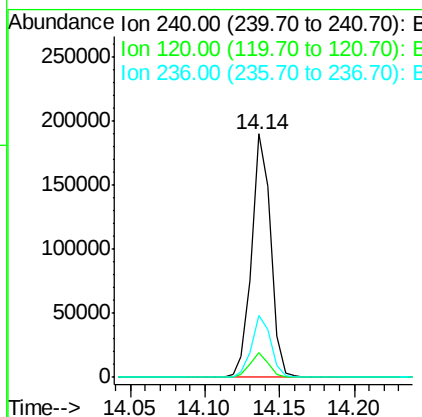
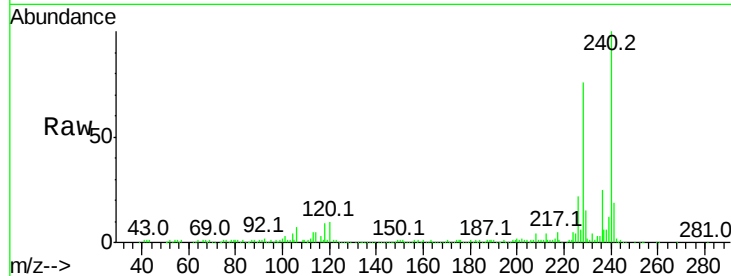
ClientSampleId :

EP-4-7MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.5	14.3
236	25.5	20.7	31.1

Manual Integrations
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#76

Benzidine

Concen: 22.635 ng

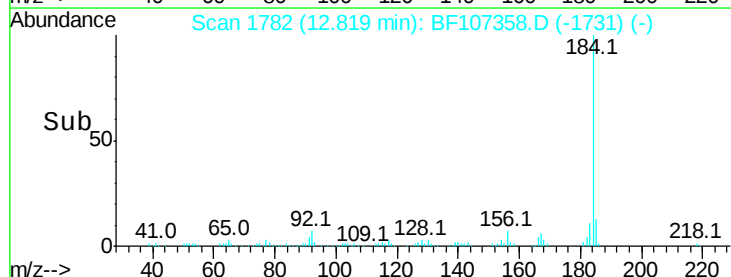
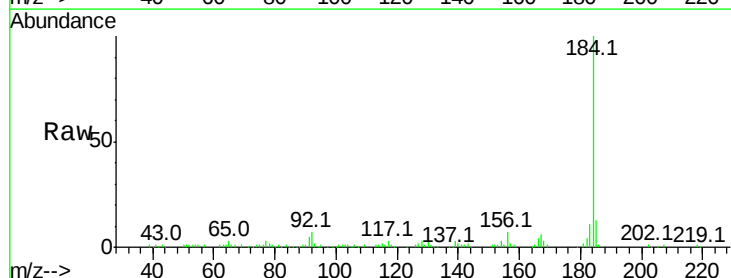
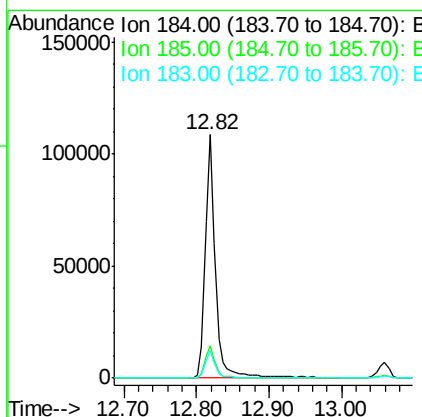
RT: 12.82 min Scan# 1782

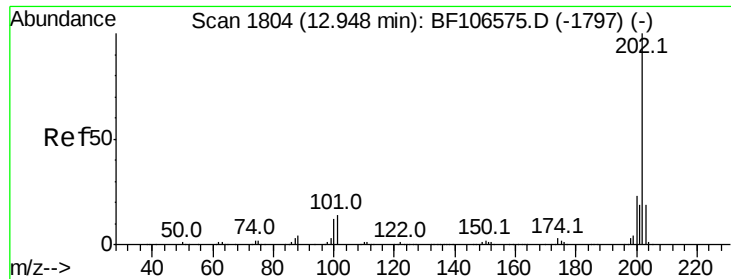
Delta R.T. 0.00 min

Lab File: BF107358.D

Acq: 13 Jul 2018 11:18

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.4	12.6	18.8
183	11.3	9.3	13.9





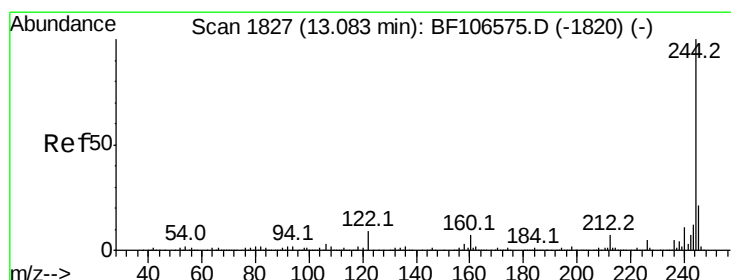
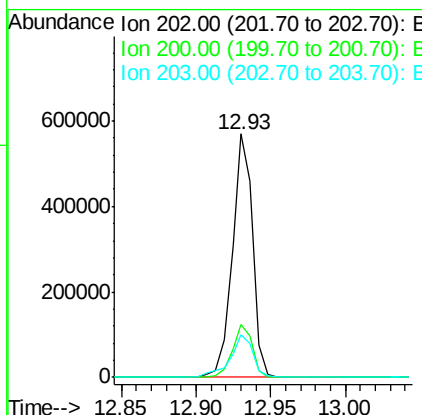
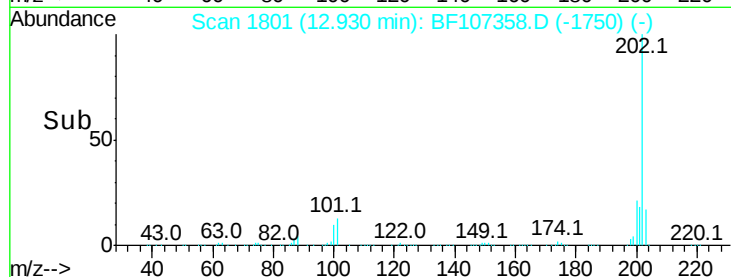
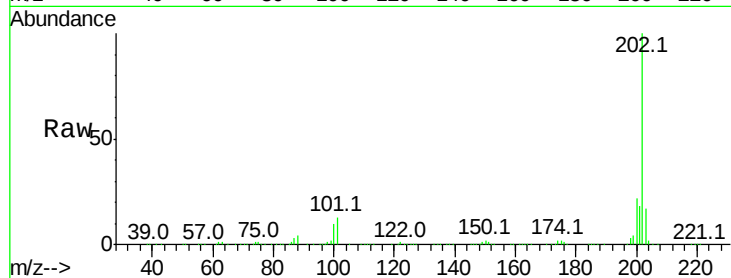
#77
Pvrene
Concen: 49.353 ng
RT: 12.93 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BF107358.D
Acq: 13 Jul 2018 11:18

Instrument :
BNA_F
ClientSampleId :
EP-4-7MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	17.4	14.3	21.5

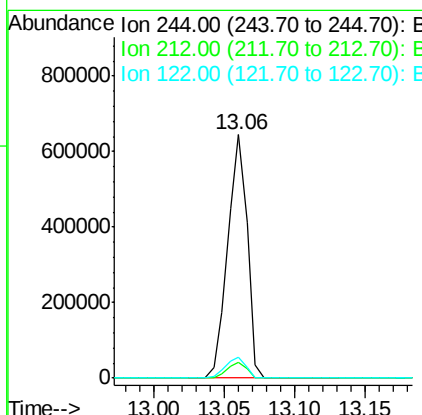
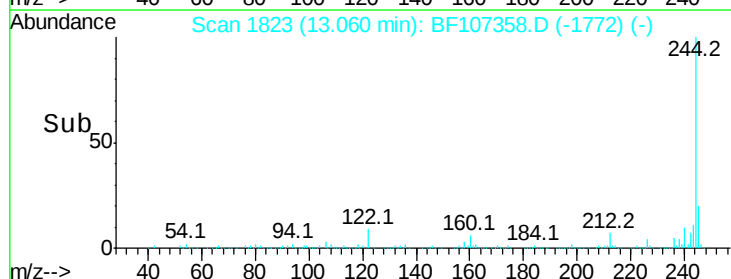
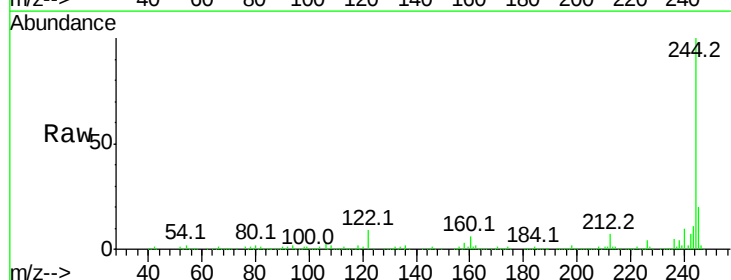
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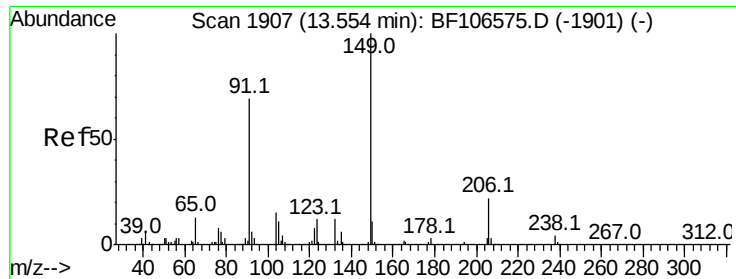
Sohil
7/16/2018 3:22:01 PM



#78
Terphenyl-d14
Concen: 89.805 ng
RT: 13.06 min Scan# 1823
Delta R.T. 0.00 min
Lab File: BF107358.D
Acq: 13 Jul 2018 11:18

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	8.8	11.0	16.4#





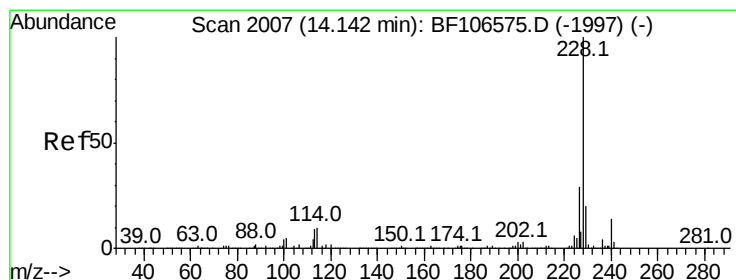
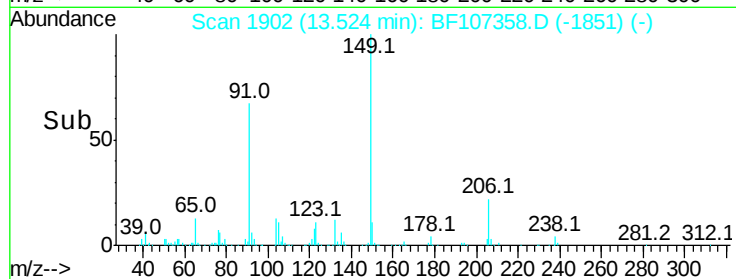
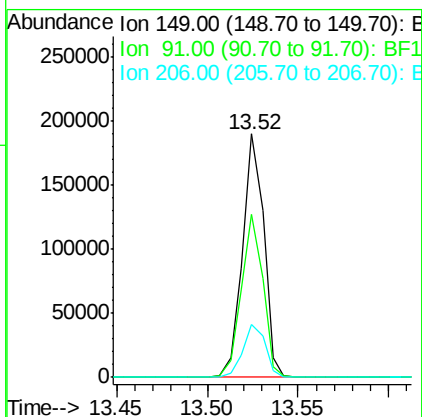
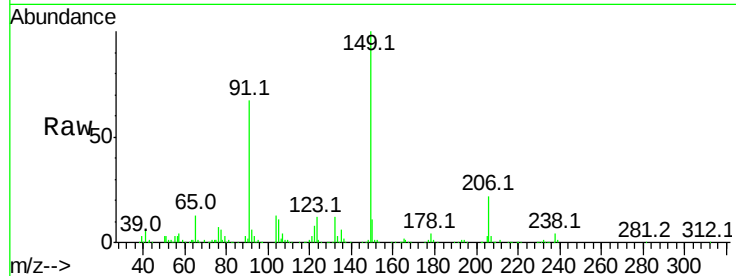
#79
Butylbenzylphthalate
Concen: 34.083 ng
RT: 13.52 min Scan# 1902
Delta R.T. 0.00 min
Lab File: BF107358.D
Acq: 13 Jul 2018 11:18

Instrument :
BNA_F
ClientSampled :
EP-4-7MS

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	66.9	56.8	85.2
206	21.8	14.1	21.1

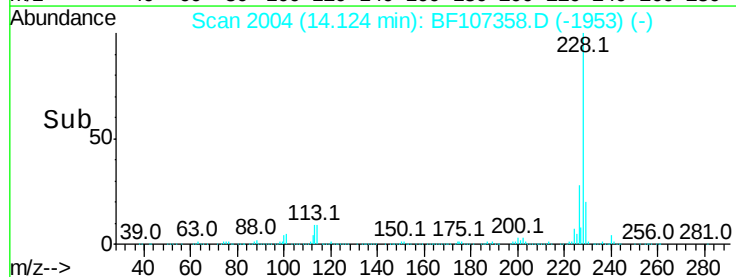
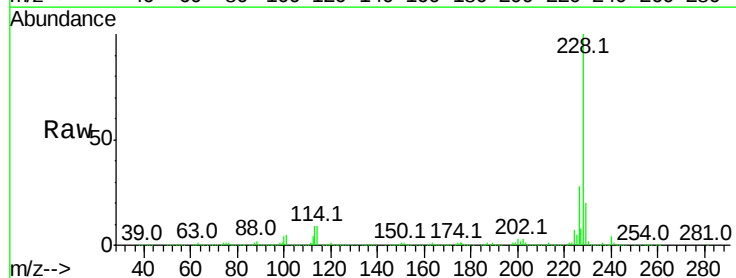
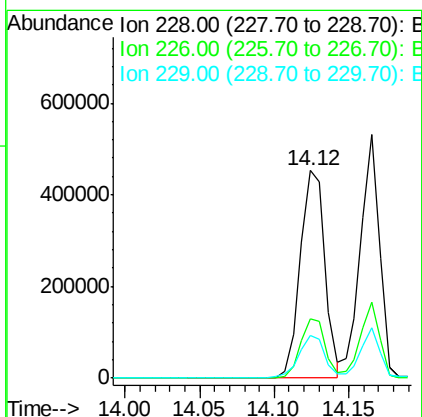
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#80
Benzo(a)anthracene
Concen: 50.983 ng
RT: 14.12 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF107358.D
Acq: 13 Jul 2018 11:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.3	22.6	33.8
229	20.3	15.8	23.6





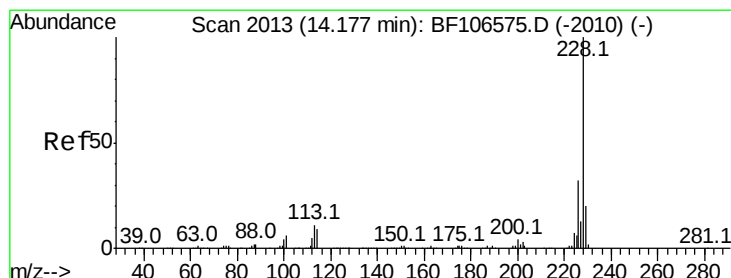
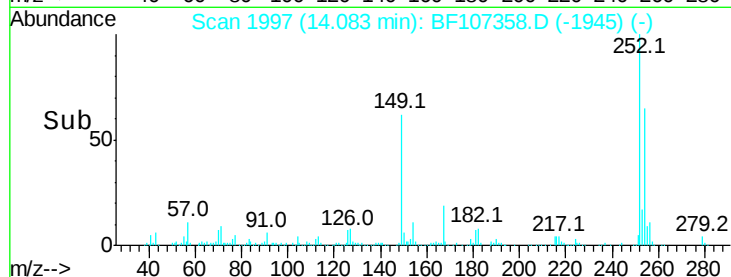
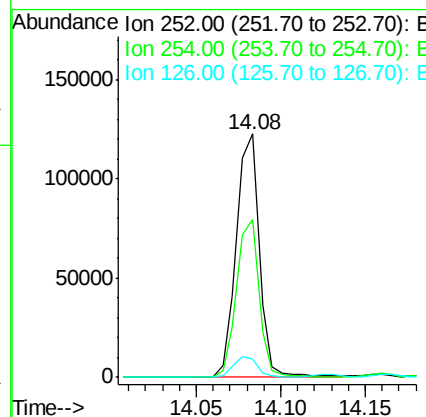
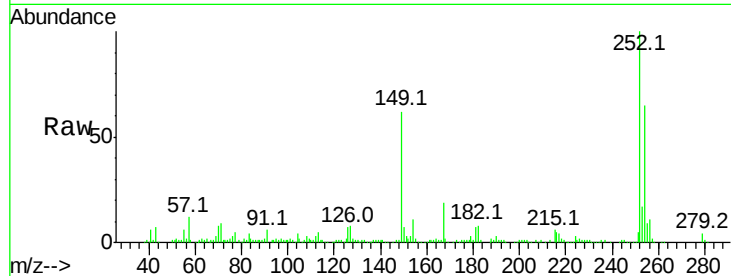
#81
 3,3'-Dichlorobenzidine
 Concen: 32.598 ng
 RT: 14.08 min Scan# 1997
 Delta R.T. 0.01 min
 Lab File: BF107358.D
 Acq: 13 Jul 2018 11:18

Instrument :
 BNA_F
 ClientSampleId :
 EP-4-7MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	116457		
254	64.6	50.4	75.6	
126	7.4	11.3	16.9	

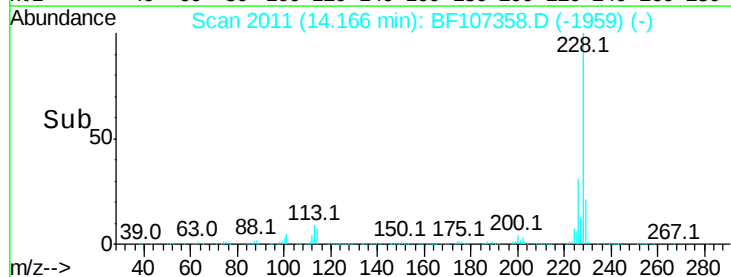
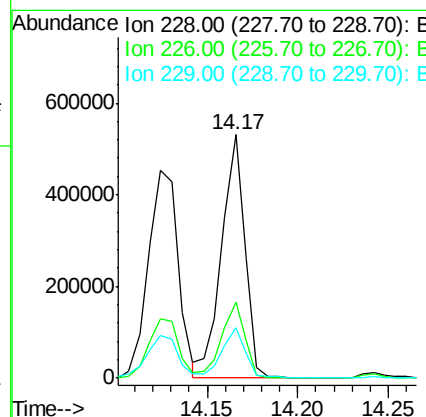
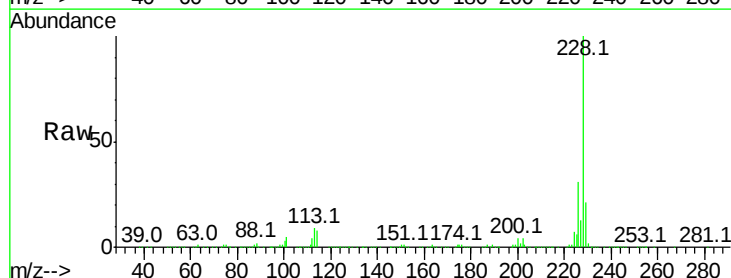
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#82
 Chrysene
 Concen: 50.588 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. 0.01 min
 Lab File: BF107358.D
 Acq: 13 Jul 2018 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	473078		
226	31.1	25.0	37.6	
229	20.8	16.2	24.4	





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.393 ng

RT: 14.08 min Scan# 1996

Delta R.T. 0.01 min

Lab File: BF107358.D

Acq: 13 Jul 2018 11:18

Instrument :

BNA_F

ClientSampleId :

EP-4-7MS

Tot Ion:149 Resp: 210390

Ion Ratio Lower Upper

149 100

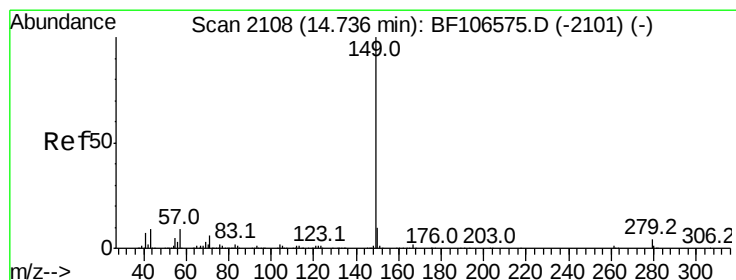
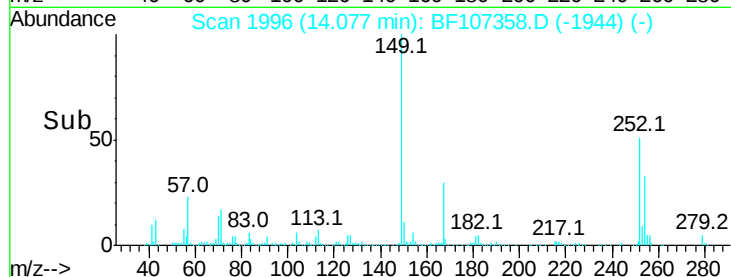
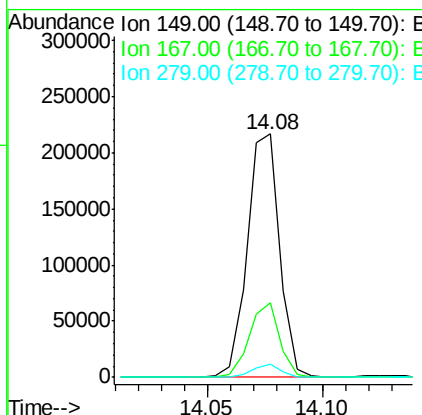
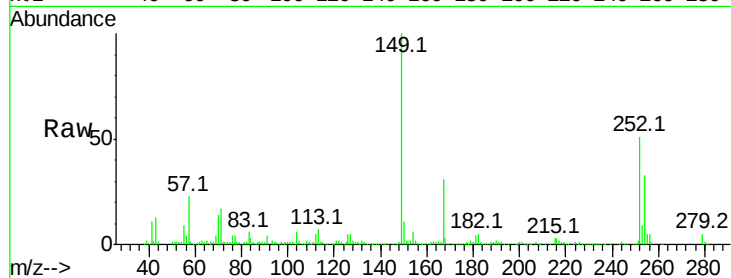
167 30.5 21.3 31.9

279 5.3 3.0 4.4#

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#84

Di-n-octyl phthalate

Concen: 41.756 ng

RT: 14.70 min Scan# 2102

Delta R.T. 0.01 min

Lab File: BF107358.D

Acq: 13 Jul 2018 11:18

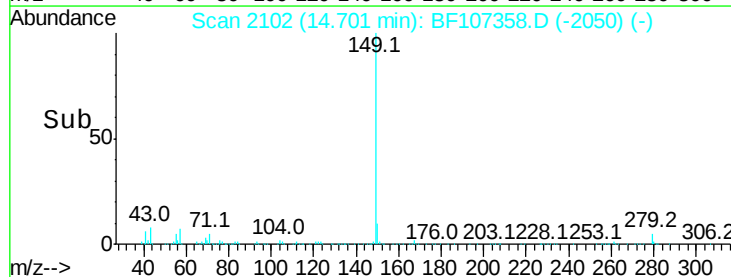
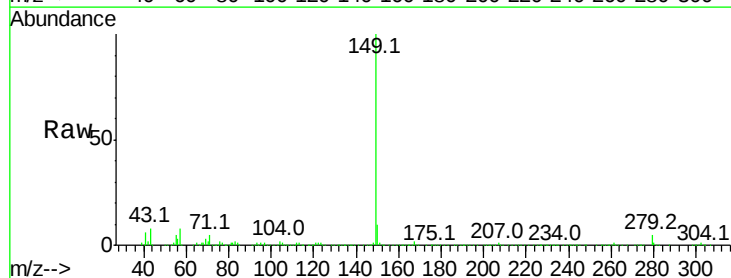
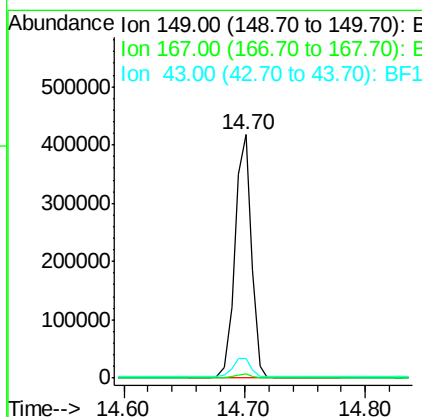
Tgt Ion:149 Resp: 393482

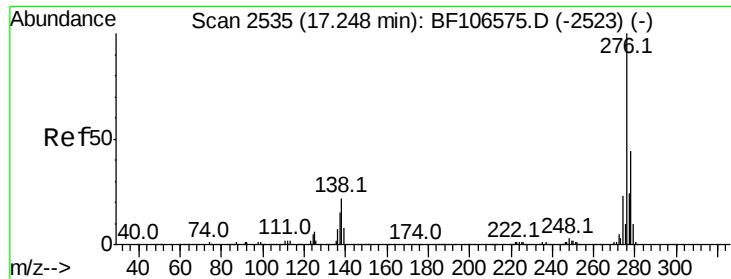
Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 8.3 8.4 12.6#





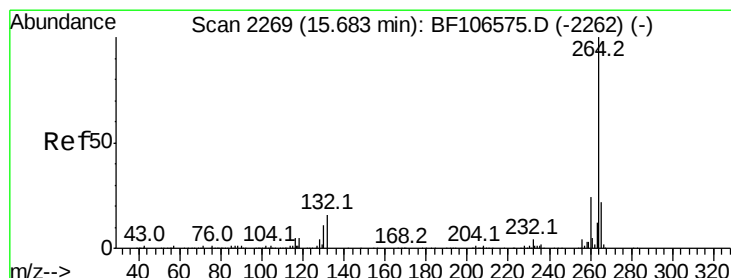
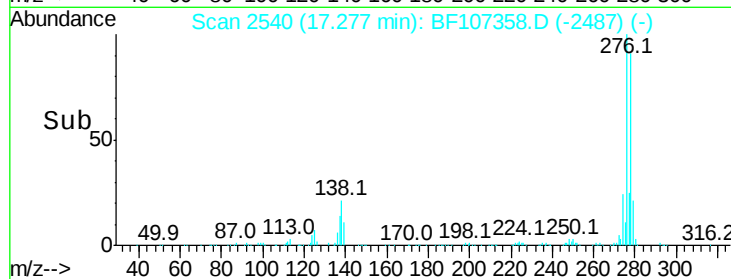
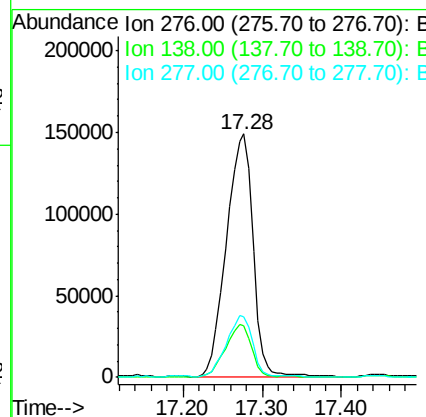
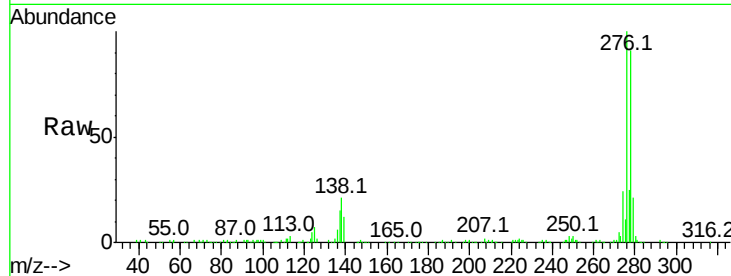
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.352 ng
 RT: 17.28 min Scan# 2540
 Delta R.T. 0.01 min
 Lab File: BF107358.D
 Acq: 13 Jul 2018 11:18

Instrument :
 BNA_F
 ClientSampleId :
 EP-4-7MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.8	25.0	37.6#
277	24.6	20.1	30.1

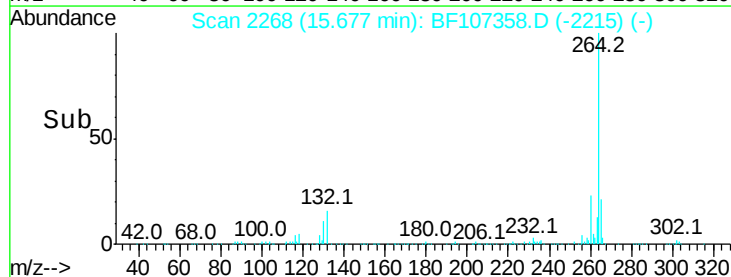
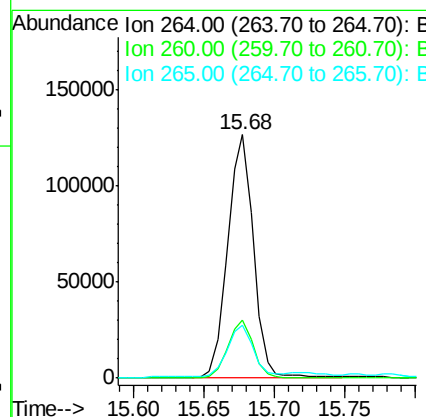
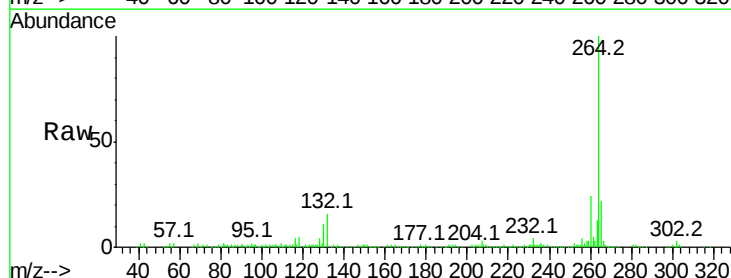
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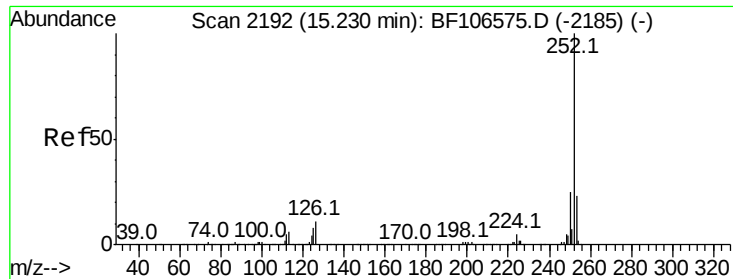
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. 0.01 min
 Lab File: BF107358.D
 Acq: 13 Jul 2018 11:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.7	17.5	26.3





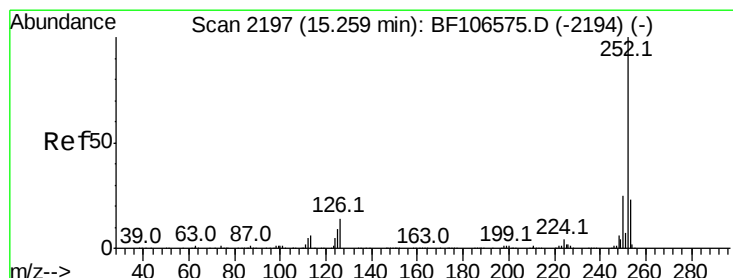
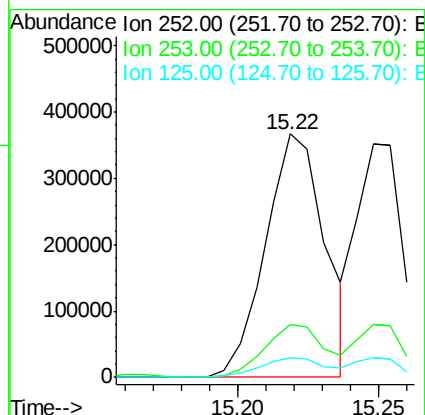
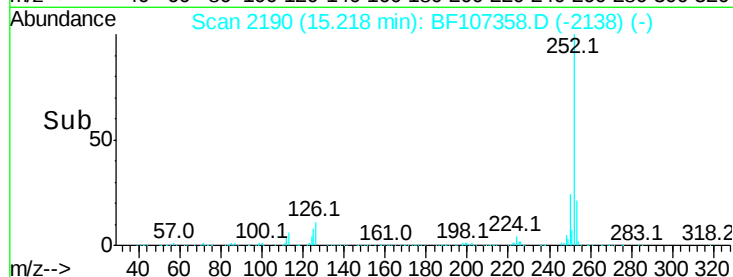
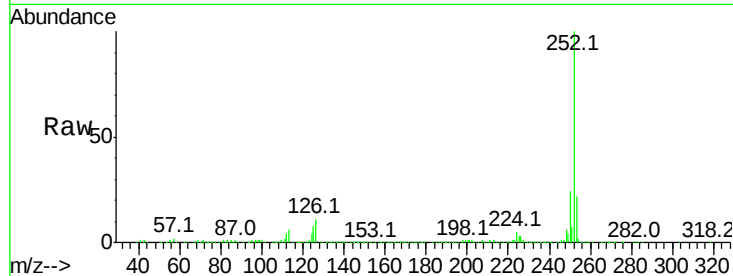
#87
Benzo(b)fluoranthene
Concen: 53.553 ng
RT: 15.22 min Scan# 2190
Delta R.T. 0.01 min
Lab File: BF107358.D
Acq: 13 Jul 2018 11:18

Instrument :
BNA_F
ClientSampleId :
EP-4-7MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.6
125	8.1	9.0	13.6

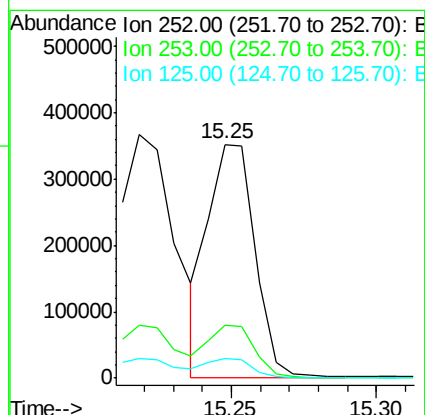
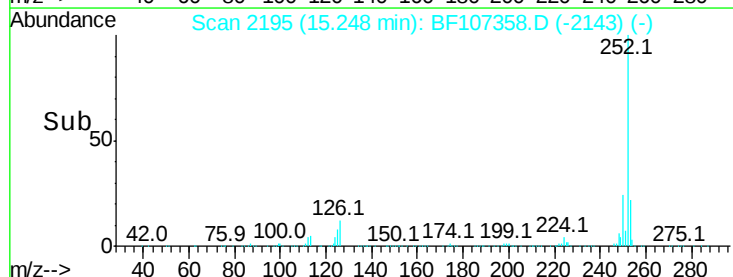
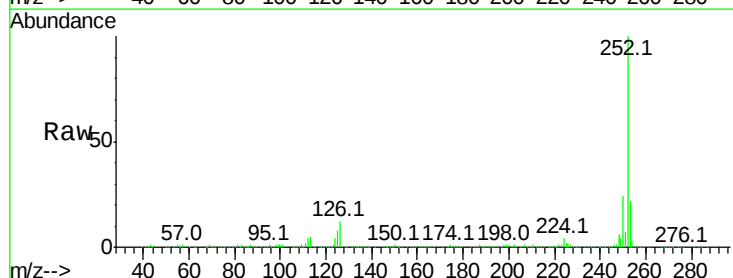
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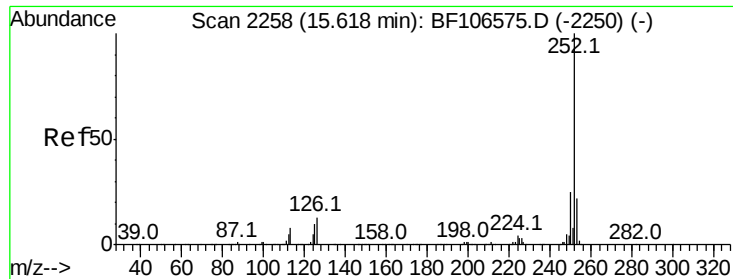
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#88
Benzo(k)fluoranthene
Concen: 41.622 ng m
RT: 15.25 min Scan# 2195
Delta R.T. 0.01 min
Lab File: BF107358.D
Acq: 13 Jul 2018 11:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	8.1	10.2	15.2





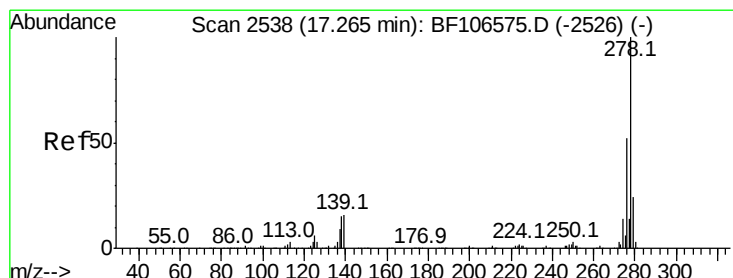
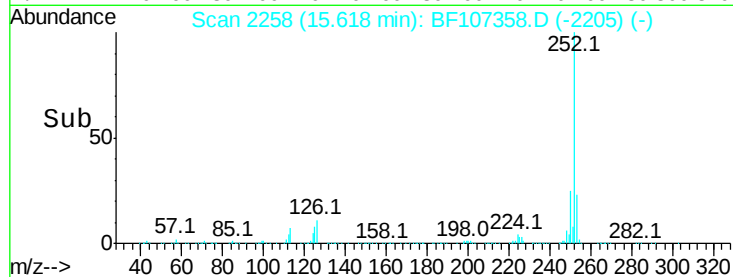
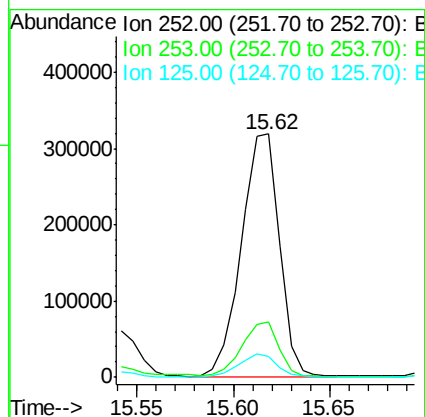
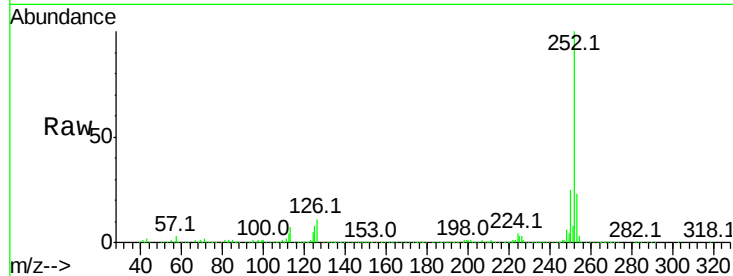
#89
Benzo(a)pyrene
Concen: 49.733 ng m
RT: 15.62 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF107358.D
Acq: 13 Jul 2018 11:18

Instrument :
BNA_F
ClientSampleId :
EP-4-7MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	8.5	9.8	14.6

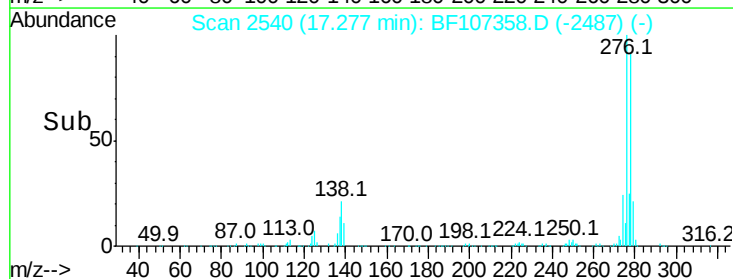
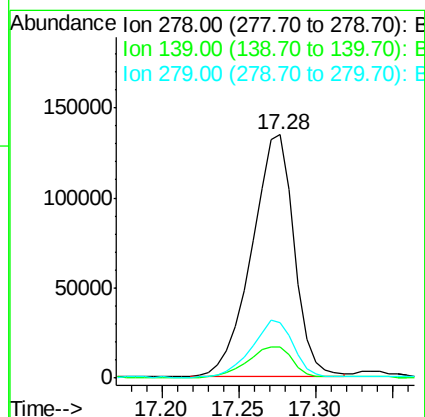
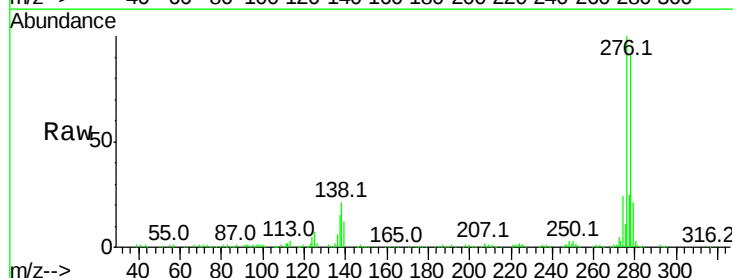
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#90
Dibenzo(a,h)anthracene
Concen: 34.523 ng m
RT: 17.28 min Scan# 2540
Delta R.T. 0.01 min
Lab File: BF107358.D
Acq: 13 Jul 2018 11:18

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.7	15.9	23.9
279	23.0	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 38.562 ng
 RT: 17.76 min Scan# 2622
 Delta R.T. 0.01 min
 Lab File: BF107358.D
 Acq: 13 Jul 2018 11:18

Instrument :
 BNA_F
 ClientSampleId :
 EP-4-7MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.1	17.9	26.9
138	19.0	21.8	32.8

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