

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070218\
 Data File : BF107054.D
 Acq On : 2 Jul 2018 19:45
 Operator : JU/SJ
 Sample : J3732-03MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-8(18-20)MS

Manual Integrations
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Sohil
 7/3/2018 5:30:04 PM

Quant Time: Jul 03 01:57:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	60853	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	220935	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	99756	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	180408	20.00	ng	0.00
75) Chrysene-d12	14.16	240	145797	20.00	ng	0.00
86) Perylene-d12	15.71	264	110665	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	409048	113.82	ng	0.00
7) Phenol-d6	6.61	99	496113	110.55	ng	0.00
23) Nitrobenzene-d5	7.53	82	301837	75.92	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	139149	120.35	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	530089	90.98	ng	0.00
78) Terphenyl-d14	13.08	244	581180	96.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.83	88	51854	28.066	ng	100
3) Pyridine	3.62	79	154002	30.735	ng	98
4) n-Nitrosodimethylamine	3.58	42	67691	31.807	ng	84
6) Aniline	6.62	93	161665	26.556	ng	# 5
8) 2-Chlorophenol	6.75	128	154310	39.149	ng	98
9) Benzaldehyde	6.52	77	90185	27.027	ng	97
10) Phenol	6.62	94	189489	36.997	ng	# 72
11) bis(2-Chloroethyl)ether	6.70	93	154048	36.433	ng	97
12) 1,3-Dichlorobenzene	6.90	146	173347	37.549	ng	98
13) 1,4-Dichlorobenzene	6.98	146	174576	37.404	ng	98
14) 1,2-Dichlorobenzene	7.13	146	165238	38.630	ng	98
15) Benzyl Alcohol	7.11	79	120884	33.546	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.23	45	208551	37.593	ng	# 39
17) 2-Methylphenol	7.22	107	127806	37.889	ng	# 90
18) Hexachloroethane	7.47	117	36713	22.368	ng	# 88
19) n-Nitroso-di-n-propylamine	7.37	70	106167	35.888	ng	96
20) 3+4-Methylphenols	7.38	107	169282	47.108	ng	96
22) Acetophenone	7.37	105	212430	42.977	ng	# 99
24) Nitrobenzene	7.55	77	157242	38.740	ng	97
25) Isophorone	7.78	82	291808	41.654	ng	99
26) 2-Nitrophenol	7.86	139	42980	22.431	ng	99
27) 2,4-Dimethylphenol	7.90	122	137844	46.544	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	190109	40.417	ng	99
29) 2,4-Dichlorophenol	8.11	162	131853	42.525	ng	92
30) 1,2,4-Trichlorobenzene	8.18	180	146777	42.972	ng	98
31) Naphthalene	8.27	128	419524	40.615	ng	99
32) Benzoic acid	8.05	122	4354m	7.511	ng	
33) 4-Chloroaniline	8.32	127	123011	28.382	ng	99
34) Hexachlorobutadiene	8.37	225	95950	43.112	ng	100
35) Caprolactam	8.69	113	38271	37.866	ng	98
36) 4-Chloro-3-methylphenol	8.81	107	128624	39.412	ng	97
37) 2-Methylnaphthalene	8.96	142	301686	44.064	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	156842	46.687	ng	# 95
42) 2,4,6-Trichlorophenol	9.24	196	88650	39.698	ng	95

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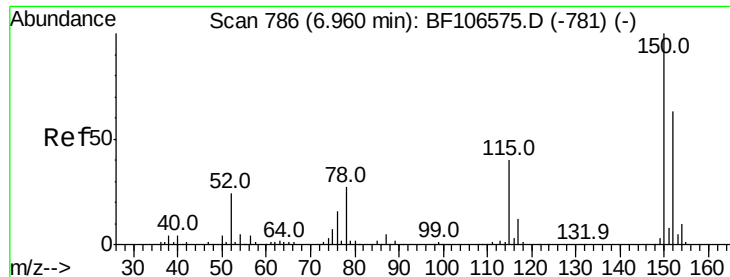
Manual Integrations
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 7/3/2018 5:30:04 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.30	196	88627	38.035	ng	# 89
45) 1,1'-Biphenyl	9.42	154	354266	44.561	ng	98
46) 2-Chloronaphthalene	9.45	162	256211	40.942	ng	94
47) 2-Nitroaniline	9.55	65	83253	39.563	ng	97
48) Acenaphthylene	9.87	152	392482	39.725	ng	99
49) Dimethylphthalate	9.71	163	378583	50.600	ng	98
50) 2,6-Dinitrotoluene	9.79	165	51981	32.810	ng	87
51) Acenaphthene	10.04	154	236871	38.073	ng	96
52) 3-Nitroaniline	9.97	138	79859	43.804	ng	99
54) Dibenzofuran	10.21	168	357526	41.967	ng	94
55) 4-Nitrophenol	10.15	139	57279	45.011	ng	97
56) 2,4-Dinitrotoluene	10.20	165	57402	27.758	ng	# 90
57) Fluorene	10.55	166	278993	41.270	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	72250	39.006	ng	# 79
59) Diethylphthalate	10.41	149	293253	40.610	ng	# 93
60) 4-Chlorophenyl-phenylether	10.54	204	146538	41.429	ng	# 82
61) 4-Nitroaniline	10.58	138	78139	43.187	ng	93
62) Azobenzene	10.70	77	244362	34.363	ng	94
65) n-Nitrosodiphenylamine	10.66	169	243854	40.186	ng	99
66) 4-Bromophenyl-phenylether	11.03	248	97435	45.254	ng	# 82
67) Hexachlorobenzene	11.11	284	97416	43.229	ng	# 84
68) Atrazine	11.18	200	69592	36.076	ng	95
69) Pentachlorophenol	11.31	266	43503	38.690	ng	97
70) Phenanthrene	11.52	178	378847	43.538	ng	99
71) Anthracene	11.58	178	395177	44.494	ng	99
72) Carbazole	11.74	167	349180	41.992	ng	98
73) Di-n-butylphthalate	12.04	149	410059	41.859	ng	98
74) Fluoranthene	12.72	202	416450	43.422	ng	96
76) Benzidine	12.84	184	309099	74.441	ng	97
77) Pyrene	12.95	202	413094	42.967	ng	99
79) Butylbenzylphthalate	13.55	149	166950	42.235	ng	# 93
80) Benzo(a)anthracene	14.15	228	364632	41.035	ng	99
81) 3,3'-Dichlorobenzidine	14.10	252	137268	43.953	ng	# 97
82) Chrysene	14.18	228	339631	41.545	ng	99
83) Bis(2-ethylhexyl)phthalate	14.10	149	221746	43.878	ng	# 95
84) Di-n-octyl phthalate	14.73	149	375454	45.577	ng	95
85) Indeno(1,2,3-cd)pyrene	17.31	276	259345	37.383	ng	# 89
87) Benzo(b)fluoranthene	15.24	252	286520	41.679	ng	# 96
88) Benzo(k)fluoranthene	15.28	252	275482	42.081	ng	# 94
89) Benzo(a)pyrene	15.64	252	251228	41.109	ng	# 96
90) Dibenzo(a,h)anthracene	17.31	278	222292	42.920	ng	# 93
91) Benzo(g,h,i)perylene	17.79	276	208824	41.251	ng	# 88

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



#1

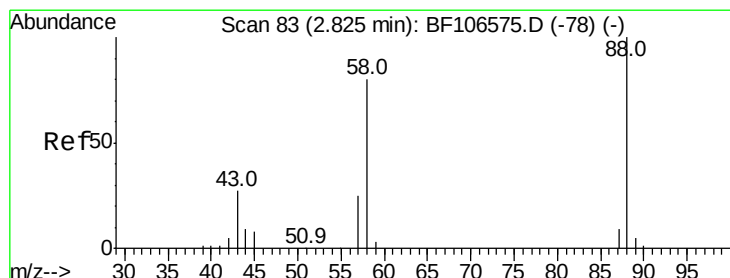
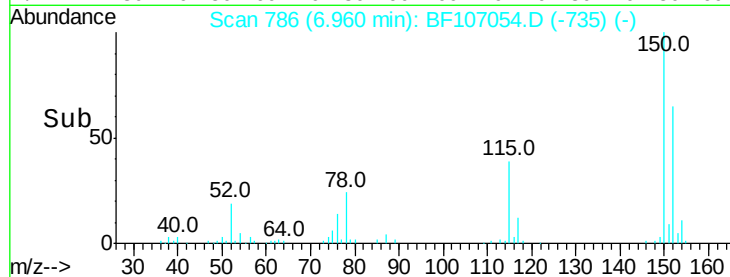
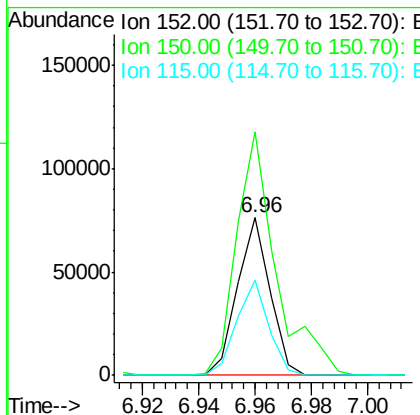
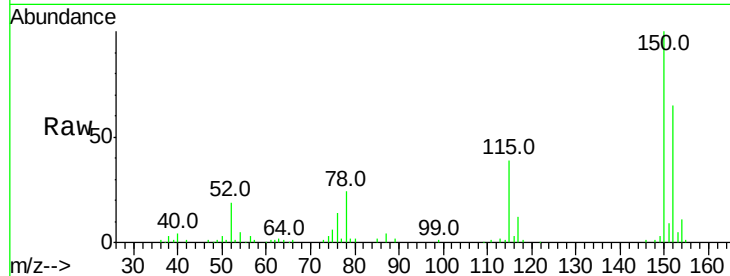
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

Instrument :
BNA_F
ClientSampleId :
EPE-106-8(18-20)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.6	186.8
115	60.5	50.1	75.1

Manual Integrations
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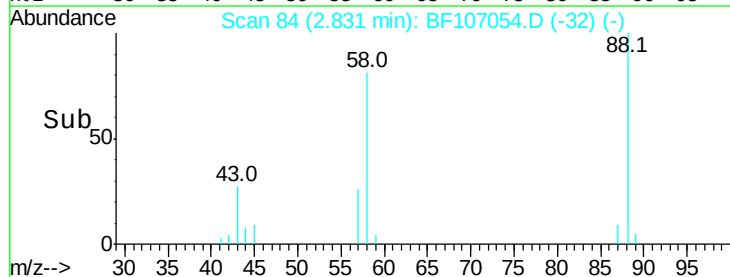
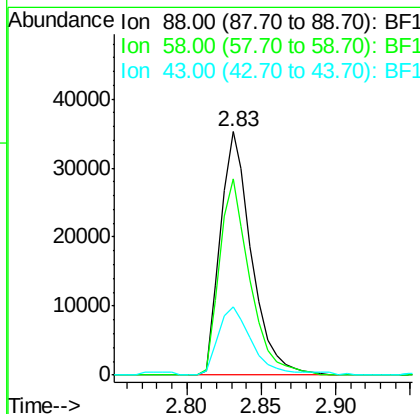
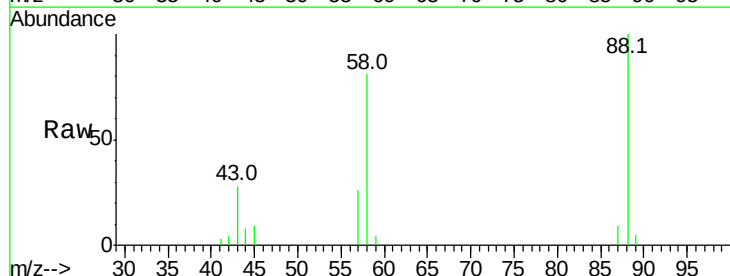
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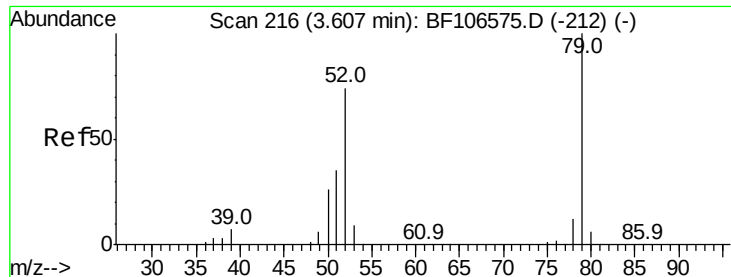


#2

1,4-Dioxane
Concen: 28.066 ng
RT: 2.83 min Scan# 84
Delta R.T. 0.01 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.3	62.6	93.8
43	30.6	24.6	37.0





#3

Pvridine

Concen: 30.735 ng

RT: 3.62 min Scan# 219

Delta R.T. 0.02 min

Lab File: BF107054.D

Acq: 2 Jul 2018 19:45

Instrument :

BNA_F

ClientSampleId :

EPE-106-8(18-20)MS

Tot Ion: 79 Resp: 154002

Ion Ratio Lower Upper

79 100

52 73.7 59.8 89.6

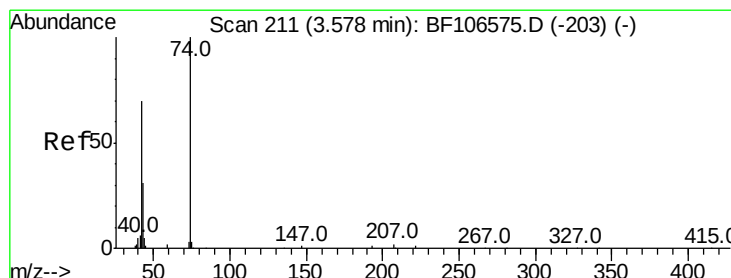
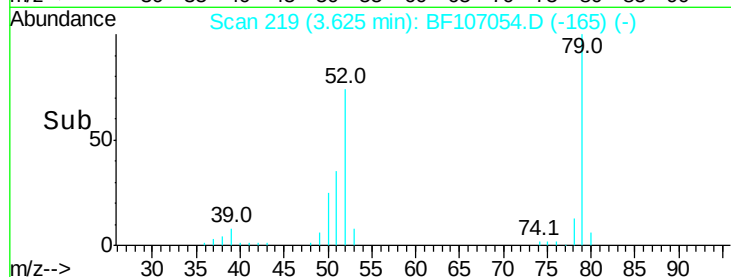
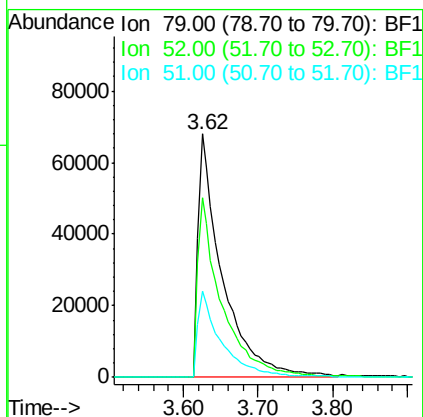
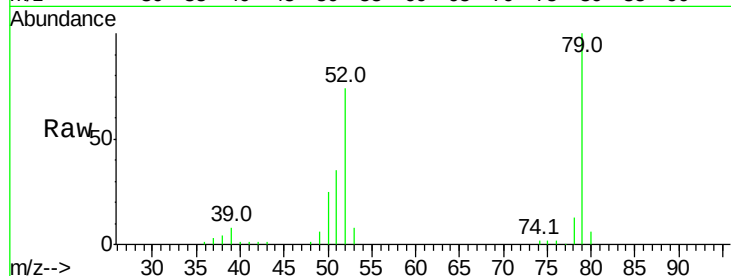
51 35.4 29.8 44.8

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 31.807 ng

RT: 3.58 min Scan# 212

Delta R.T. -0.01 min

Lab File: BF107054.D

Acq: 2 Jul 2018 19:45

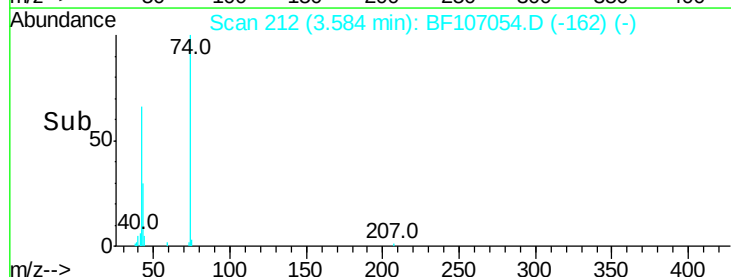
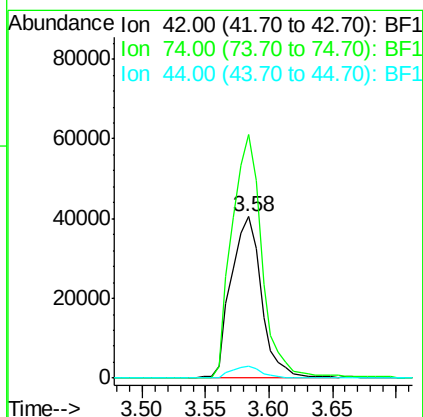
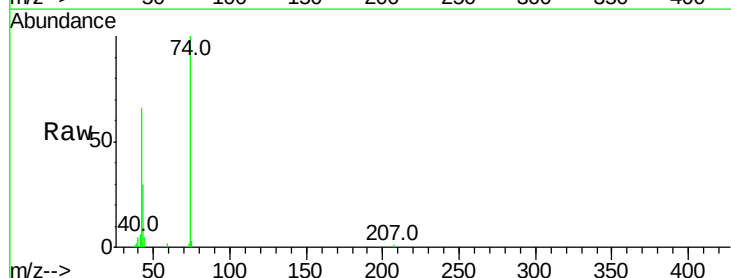
Tgt Ion: 42 Resp: 67691

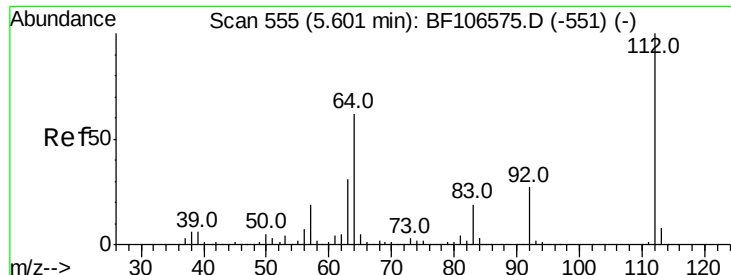
Ion Ratio Lower Upper

42 100

74 150.9 104.9 157.3

44 7.4 6.9 10.3





#5

2-Fluorophenol

Concen: 113.823 ng

RT: 5.61 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF107054.D

Acq: 2 Jul 2018 19:45

Instrument :

BNA_F

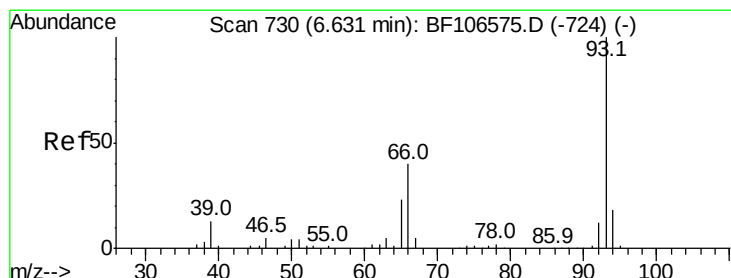
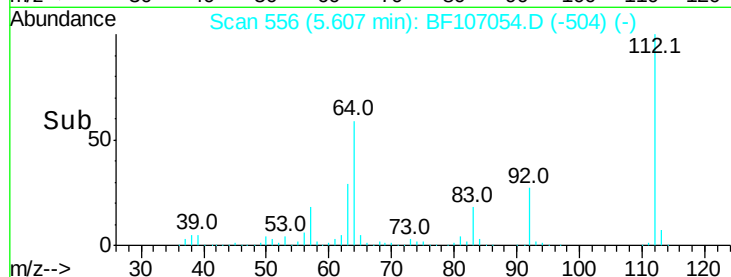
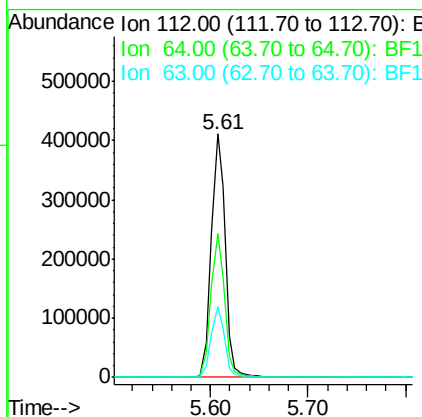
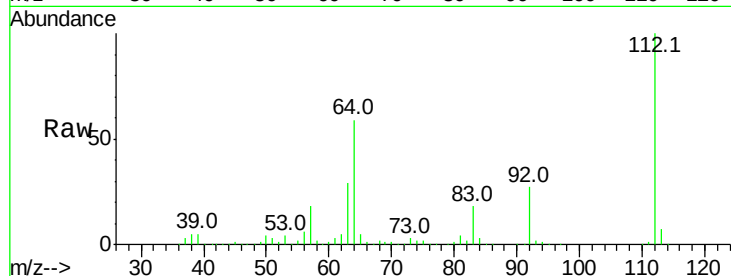
ClientSampleId :

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Tot Ion:	112	Resp:	409048
Ion Ratio	Lower	Upper	
112	100		
64	59.0	47.9	71.9
63	29.3	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 26.556 ng

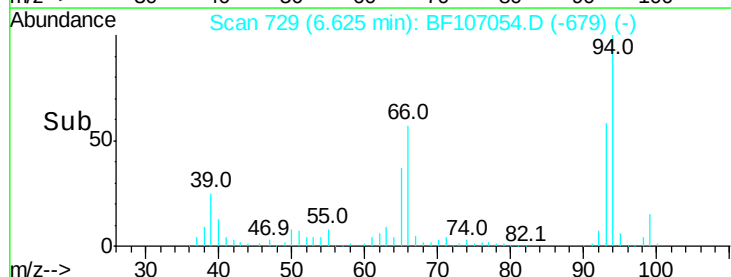
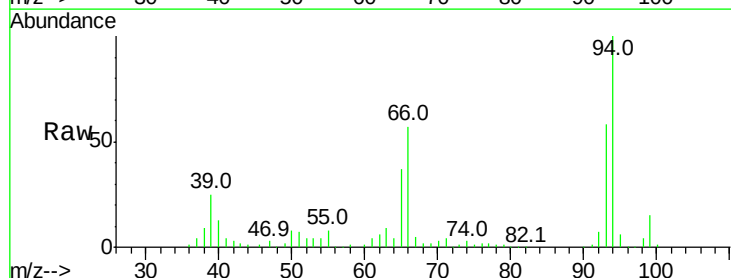
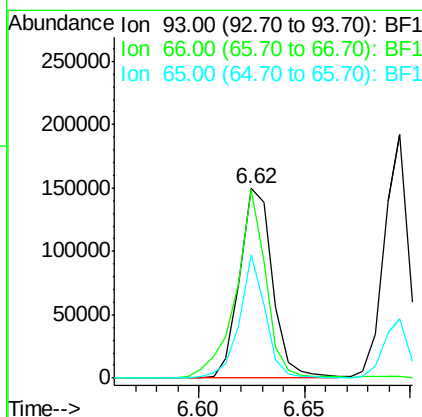
RT: 6.62 min Scan# 729

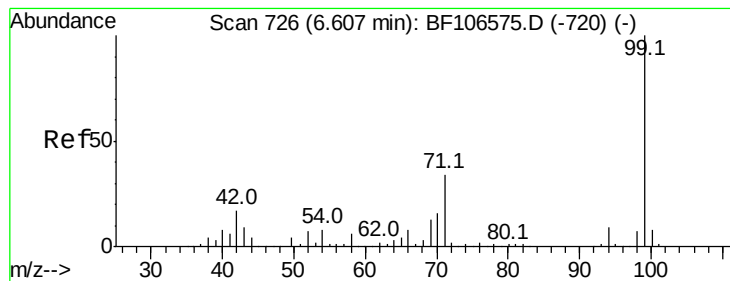
Delta R.T. -0.01 min

Lab File: BF107054.D

Acq: 2 Jul 2018 19:45

Tgt Ion:	93	Resp:	161665
Ion Ratio	Lower	Upper	
93	100		
66	99.1	32.2	48.2#
65	64.8	16.4	24.6#





#7

Phenol-d6

Concen: 110.546 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF107054.D

Acq: 2 Jul 2018 19:45

Instrument :

BNA_F

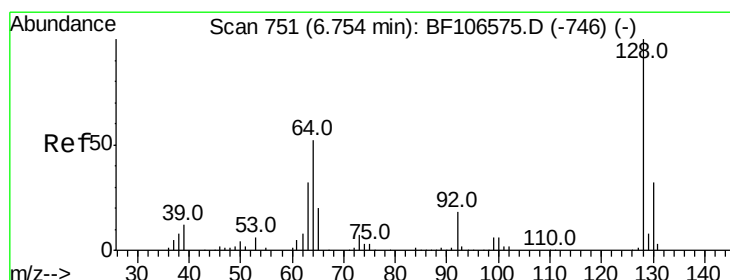
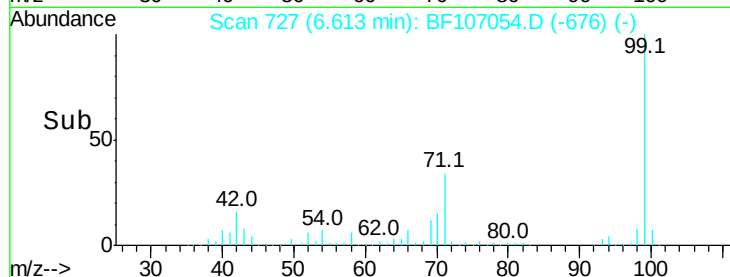
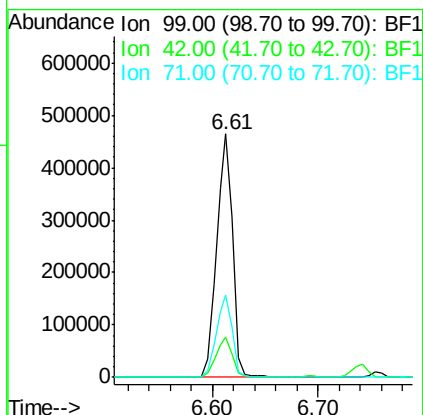
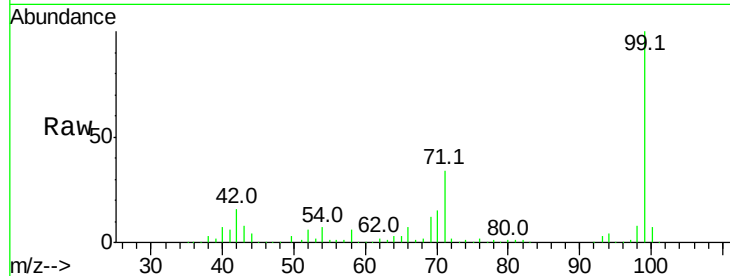
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		496113		
42	16.4	14.5	21.7		
71	33.9	25.4	38.0		

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#8

2-Chlorophenol

Concen: 39.149 ng

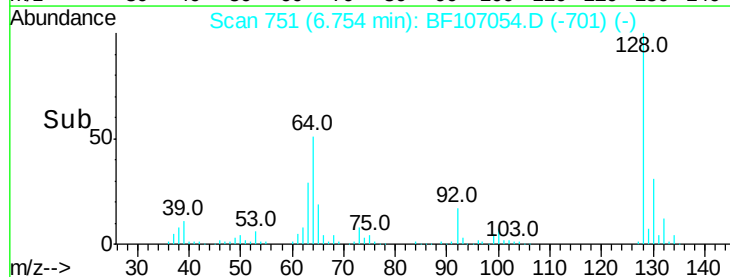
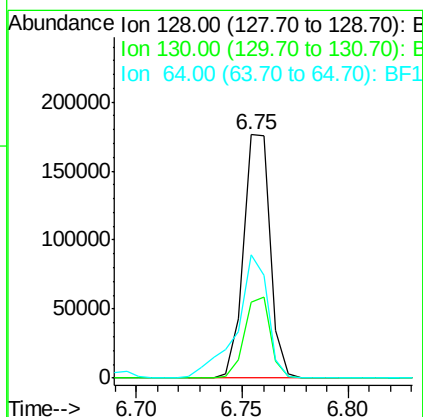
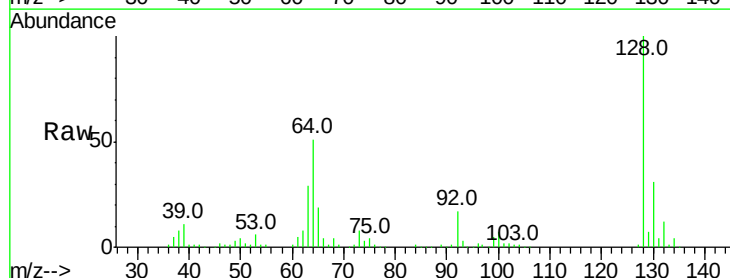
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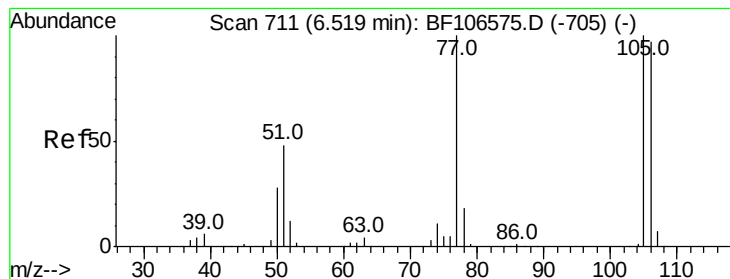
Delta R.T. -0.01 min

Lab File: BF107054.D

Acq: 2 Jul 2018 19:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		154310		
130	31.3	13.0	53.0		
64	50.8	29.4	69.4		





#9

Benzaldehyde

Concen: 27.027 ng

RT: 6.52 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF107054.D

Acq: 2 Jul 2018 19:45

Instrument :

BNA_F

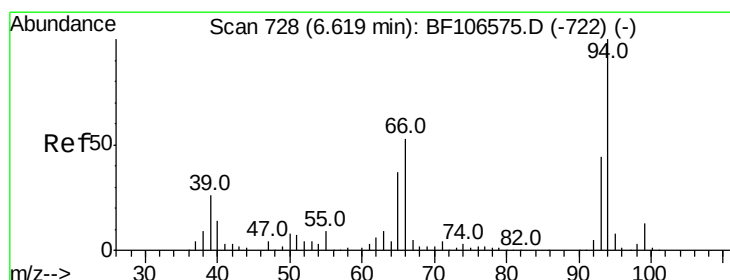
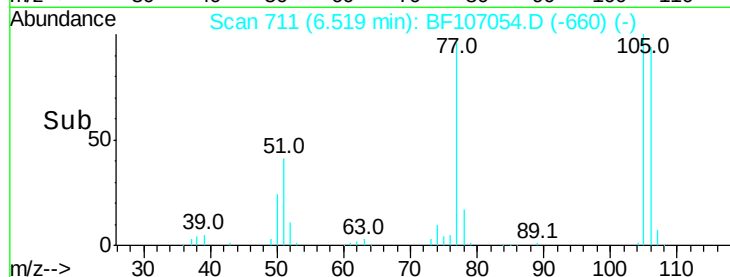
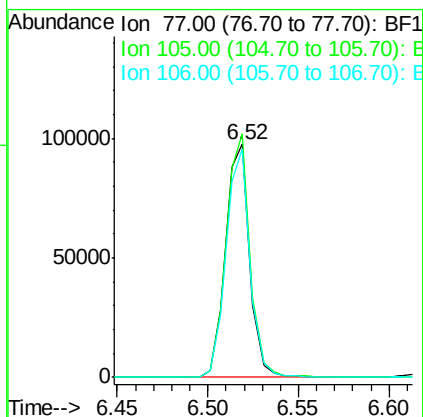
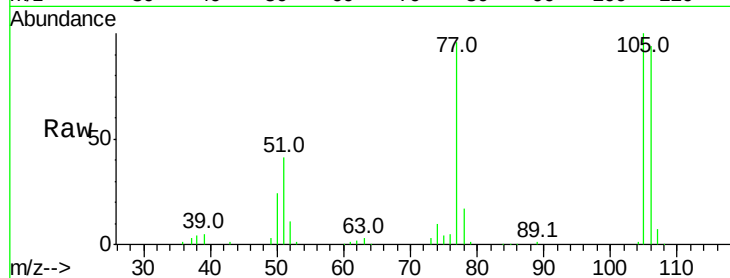
ClientSampleId :

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Tot Ion:	77	Resp:	90185
Ion	Ratio	Lower	Upper
77	100		
105	104.4	81.1	121.1
106	97.8	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 36.997 ng

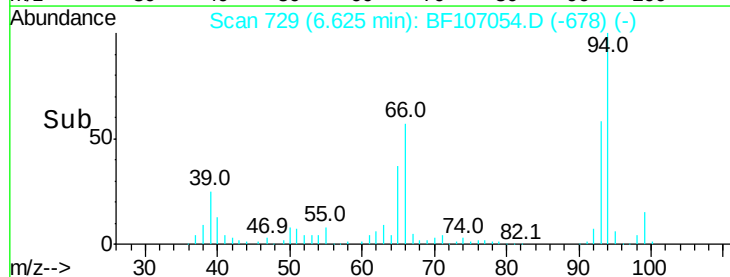
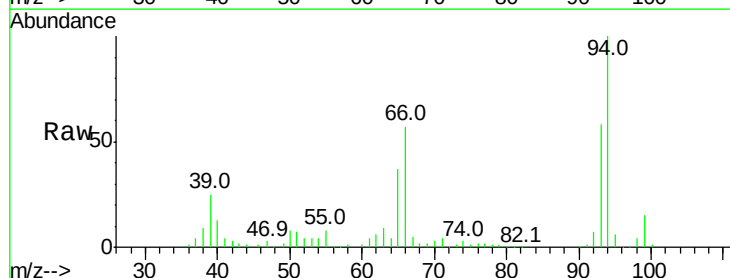
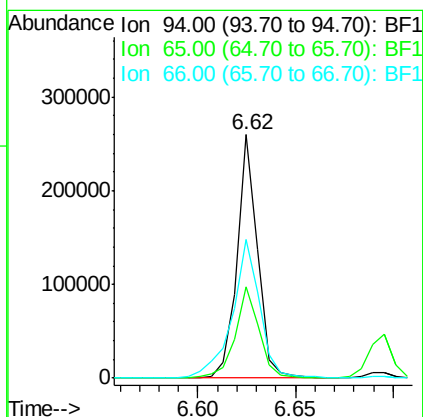
RT: 6.62 min Scan# 729

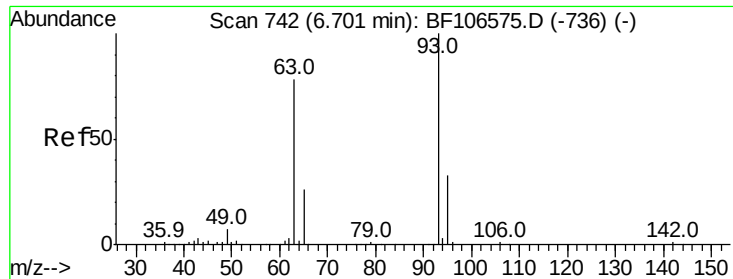
Delta R.T. -0.00 min

Lab File: BF107054.D

Acq: 2 Jul 2018 19:45

Tgt Ion:	94	Resp:	189489
Ion	Ratio	Lower	Upper
94	100		
65	37.3	7.9	47.9
66	57.1	16.2	56.2#





#11

bis(2-Chloroethyl)ether

Concen: 36.433 ng

RT: 6.70 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF107054.D

Acq: 2 Jul 2018 19:45

Instrument :

BNA_F

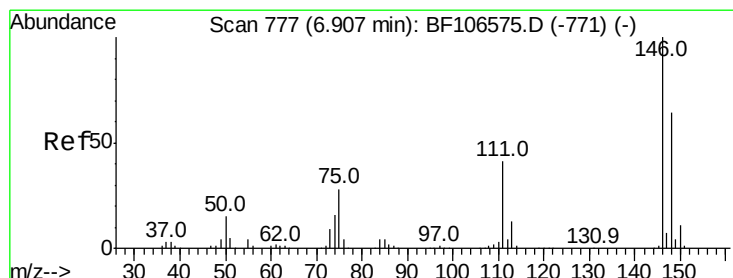
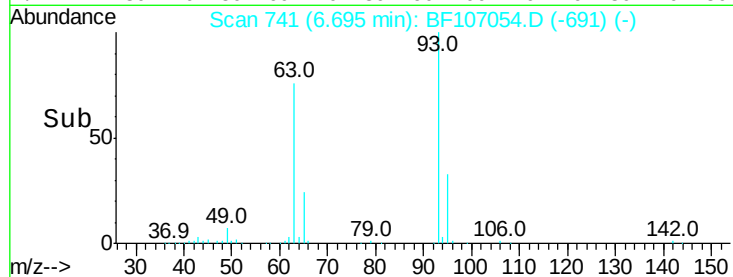
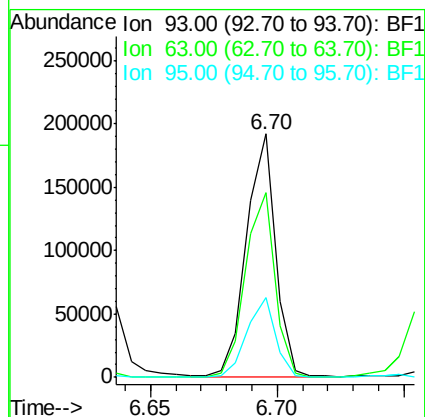
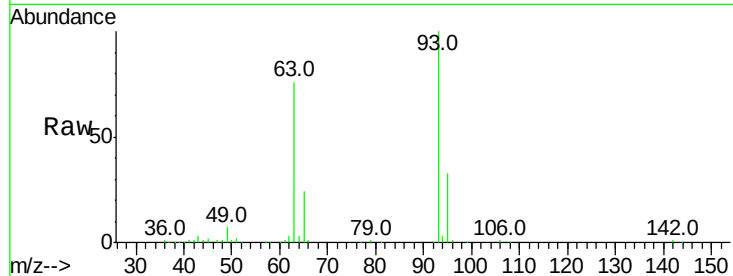
ClientSampleId :

EPE-106-8(18-20)MS

Tot Ion:	93	Resp:	154048
Ion Ratio	Lower	Upper	
93	100		
63	75.8	58.6	98.6
95	32.6	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 37.549 ng

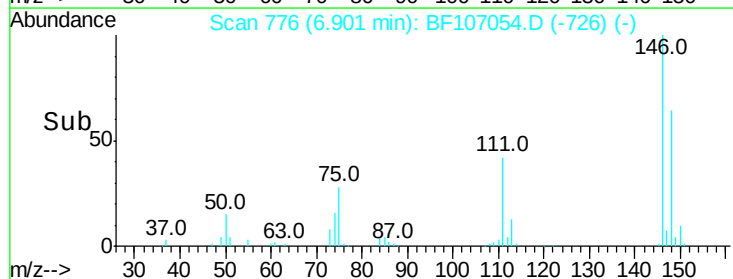
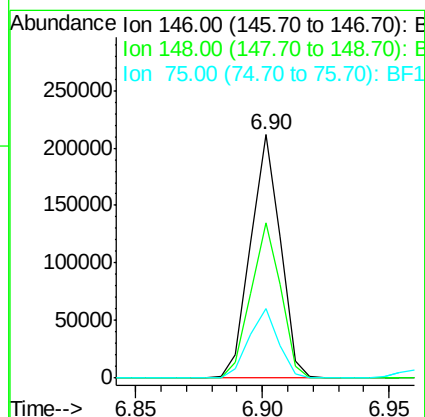
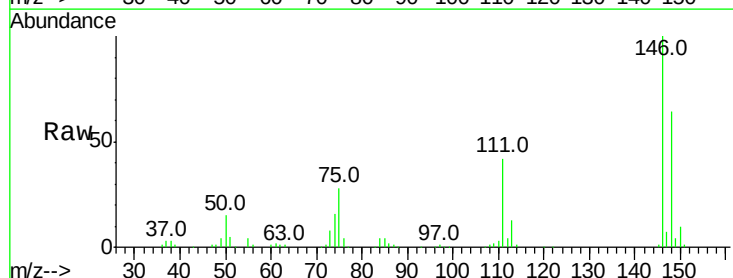
RT: 6.90 min Scan# 776

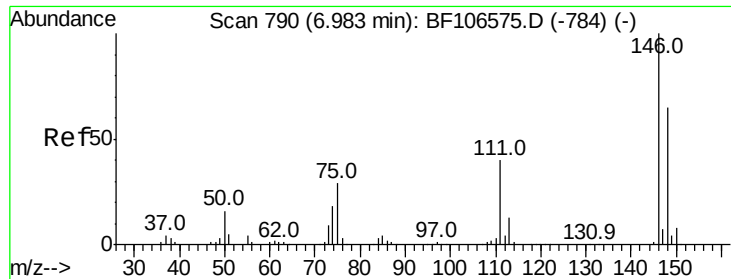
Delta R.T. -0.01 min

Lab File: BF107054.D

Acq: 2 Jul 2018 19:45

Tgt Ion:	146	Resp:	173347
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.8	77.8
75	28.4	24.2	36.4





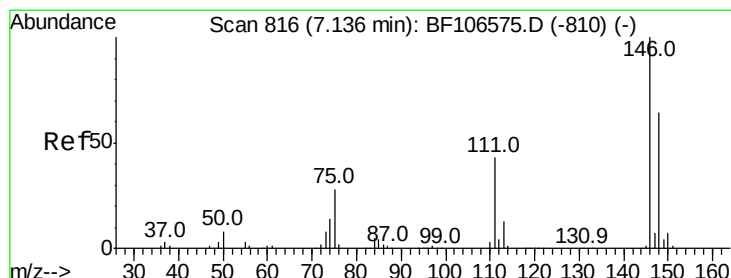
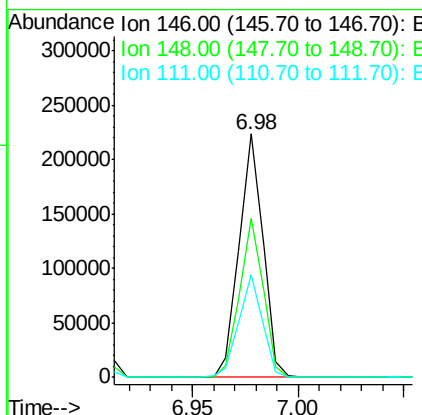
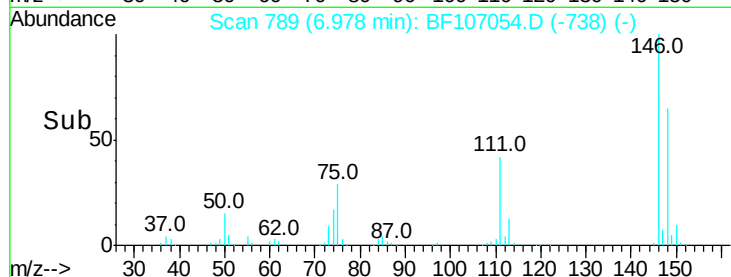
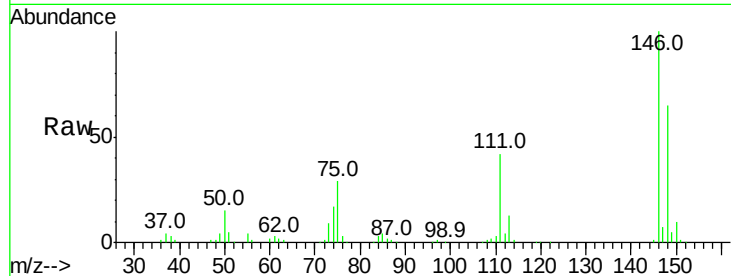
#13
 1,4-Dichlorobenzene
 Concen: 37.404 ng
 RT: 6.98 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BF107054.D
 Acq: 2 Jul 2018 19:45

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-8(18-20)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	50.8	76.2
111	42.3	34.2	51.2

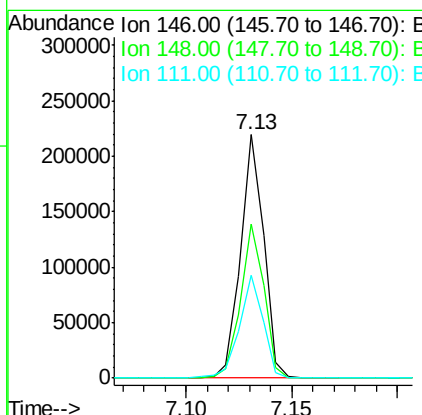
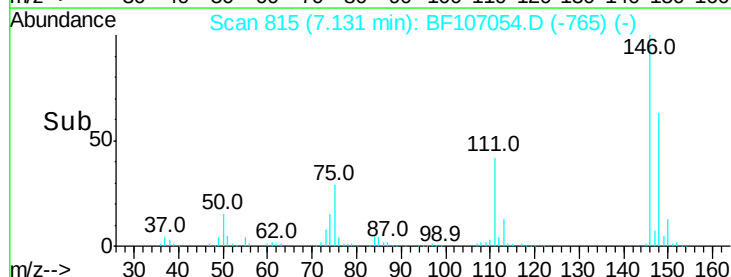
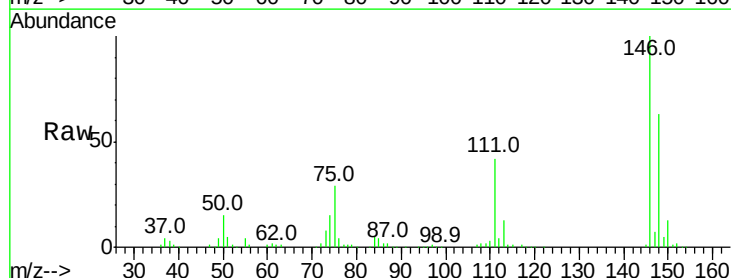
Manual Integrations
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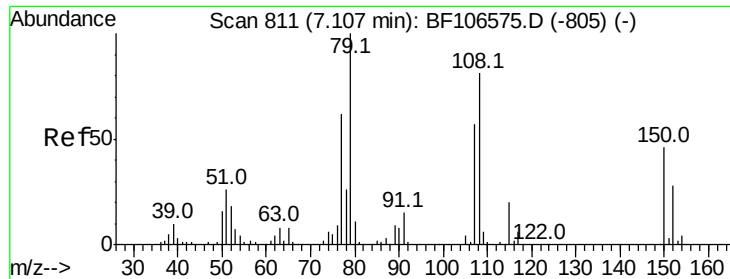
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#14
 1,2-Dichlorobenzene
 Concen: 38.630 ng
 RT: 7.13 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF107054.D
 Acq: 2 Jul 2018 19:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.6	75.8
111	42.3	36.0	54.0





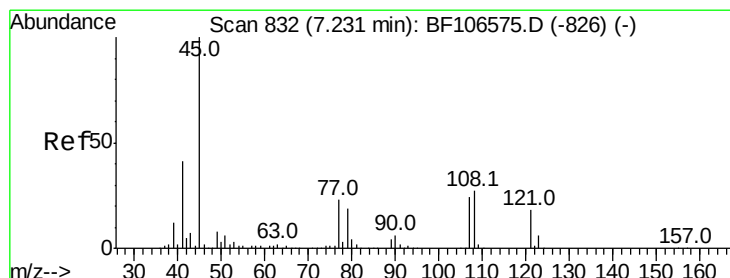
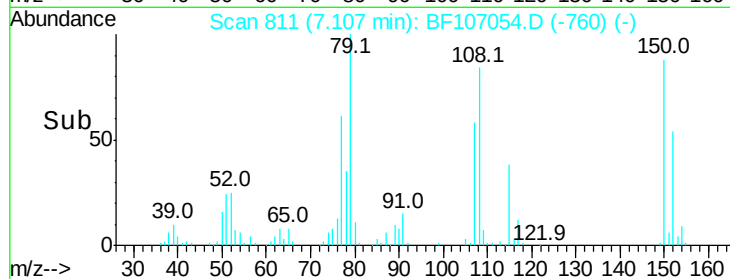
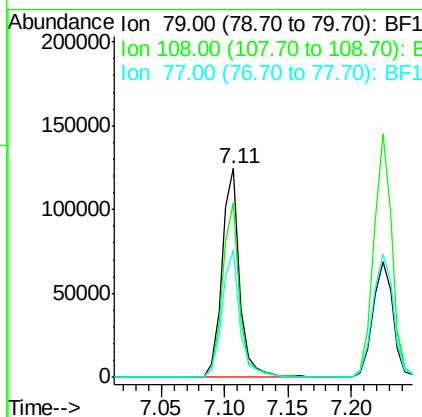
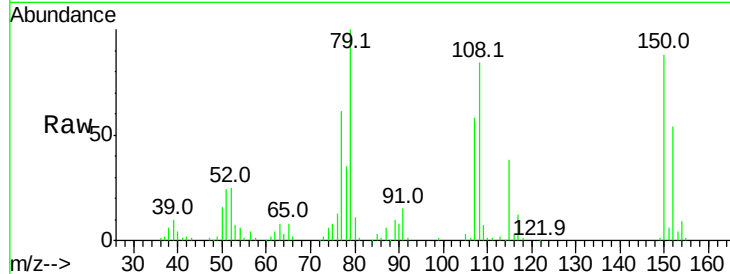
#15
Benzyl Alcohol
Concen: 33.546 ng
RT: 7.11 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

Instrument :
BNA_F
ClientSampleId :
EPE-106-8(18-20)MS

Tot Ion:	79	Resp:	120884
Ion Ratio	Lower	Upper	
79	100		
108	83.9	65.1	97.7
77	61.2	50.6	75.8

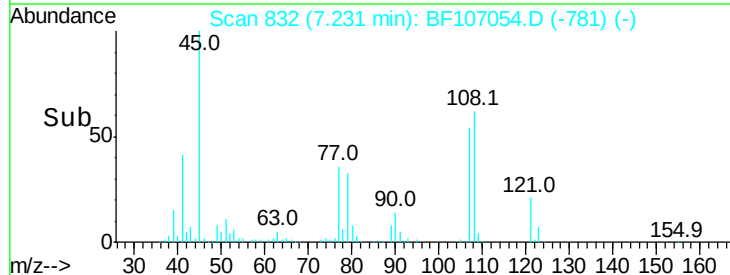
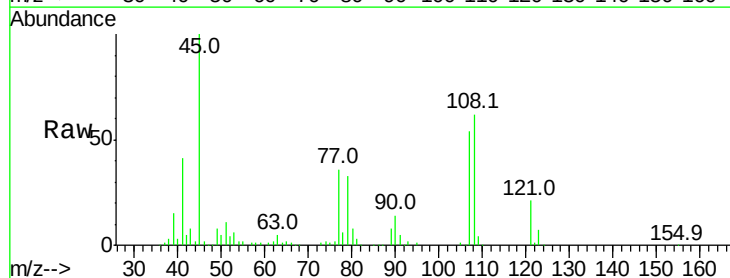
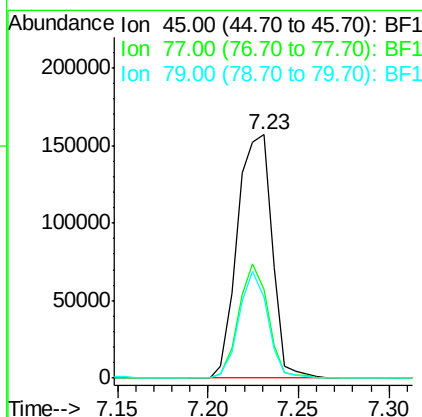
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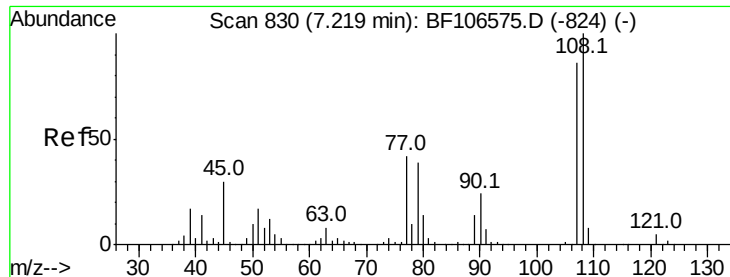
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#16
2,2'-oxybis(1-chloropropane)
Concen: 37.593 ng
RT: 7.23 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

Tgt Ion:	45	Resp:	208551
Ion Ratio	Lower	Upper	
45	100		
77	36.5	0.0	32.9#
79	33.1	0.0	29.6#





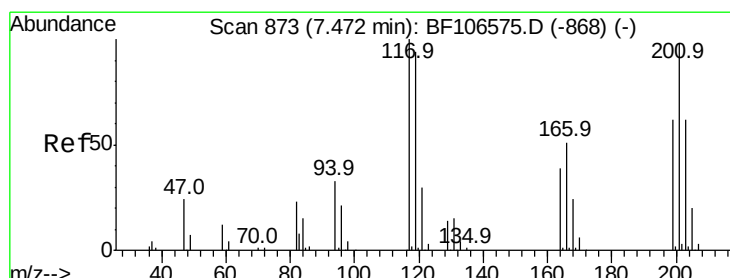
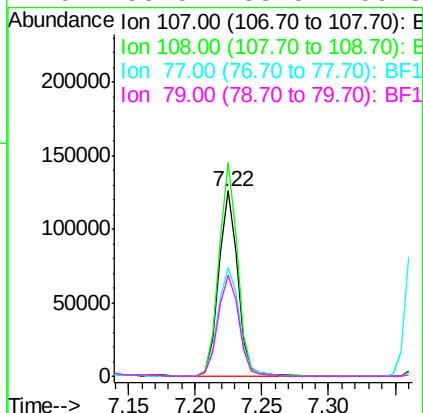
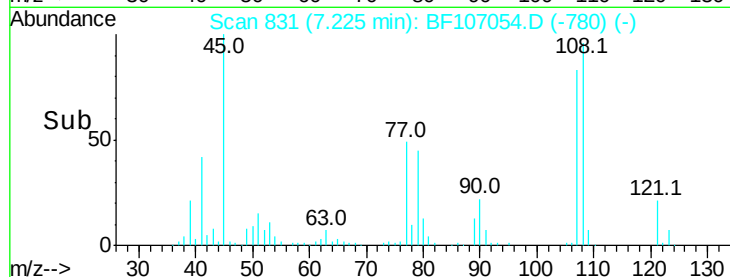
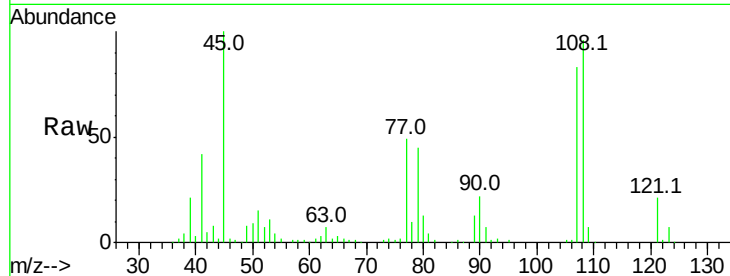
#17
2-Methylphenol
Concen: 37.889 ng
RT: 7.22 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

Instrument :
BNA_F
ClientSampleId :
EPE-106-8(18-20)MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.5	91.7	137.5
77	58.7	33.8	50.8#
79	55.0	33.8	50.8#

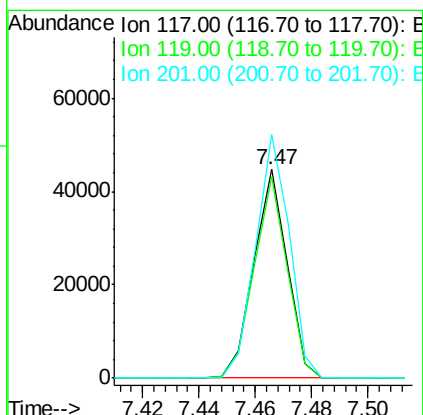
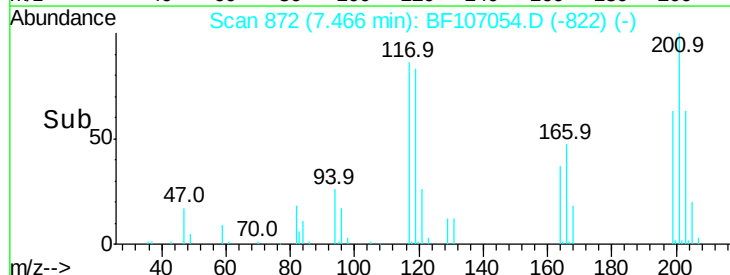
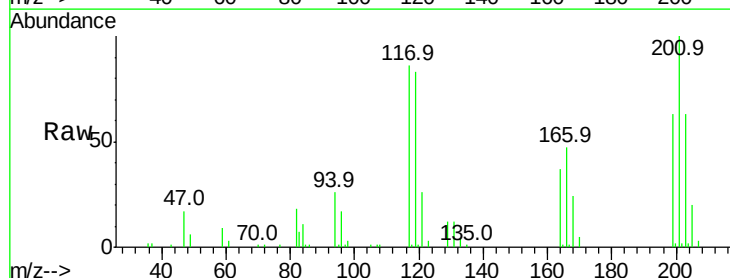
Manual Integrations
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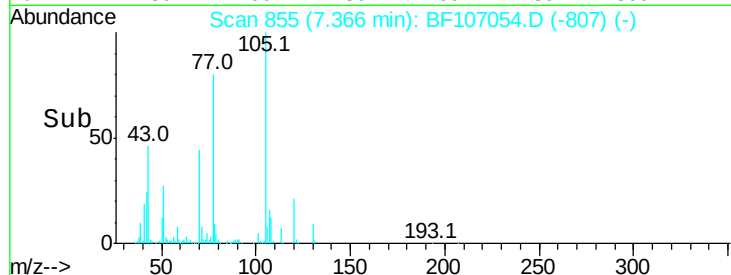
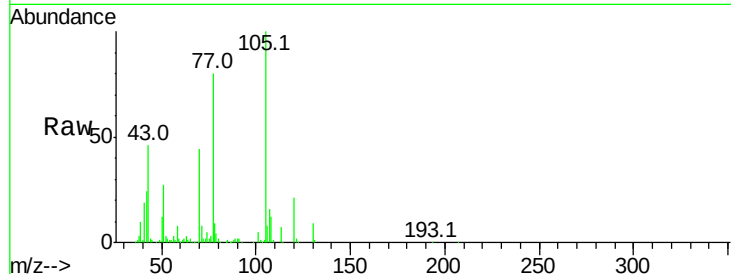
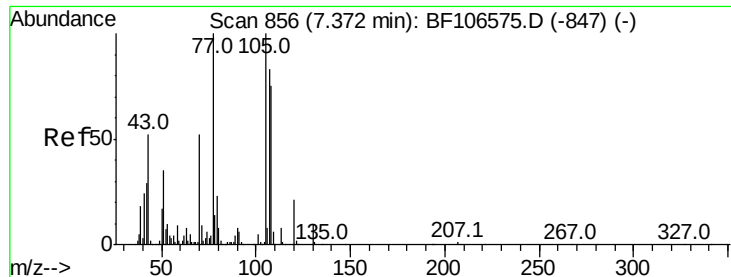
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#18
Hexachloroethane
Concen: 22.368 ng
RT: 7.47 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	75.8	113.8
201	116.5	75.7	113.5#





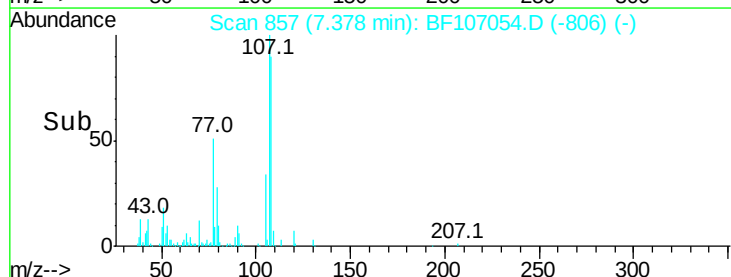
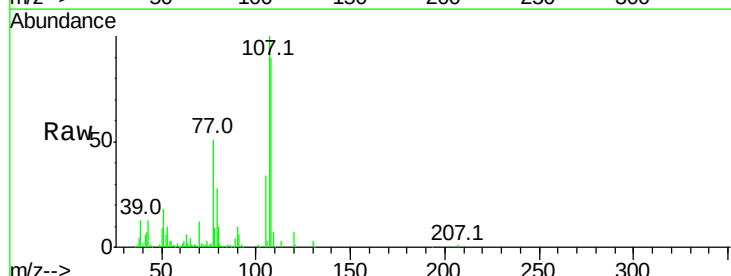
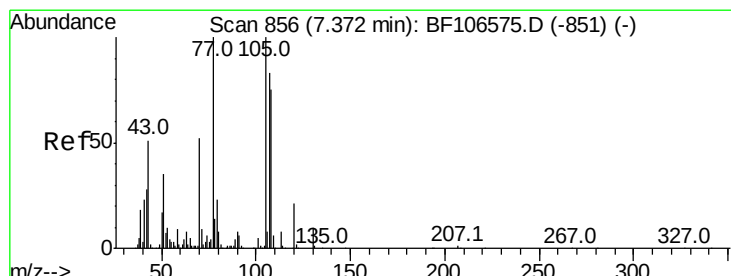
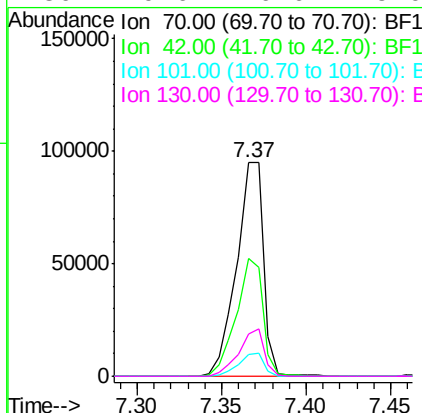
#19
n-Nitroso-di-n-propylamine
Concen: 35.888 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.02 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

Instrument :
BNA_F
ClientSampleId :
EPE-106-8(18-20)MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.4	47.5	71.3
101	10.4	7.4	11.2
130	19.6	16.6	25.0

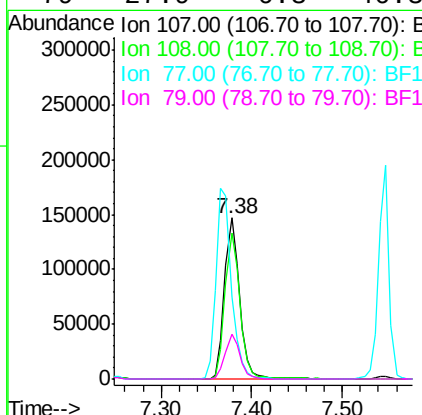
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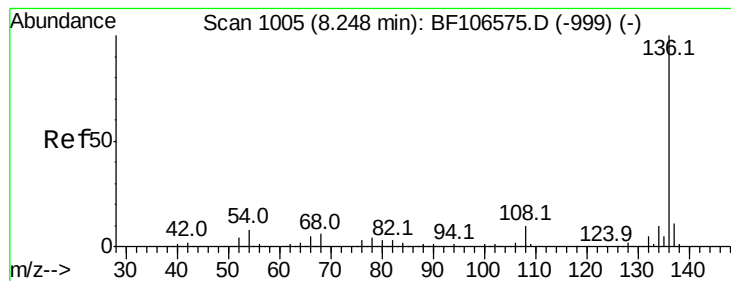
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#20
3+4-Methylphenols
Concen: 47.108 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.4	68.2	108.2
77	51.0	26.7	66.7
79	27.9	6.3	46.3





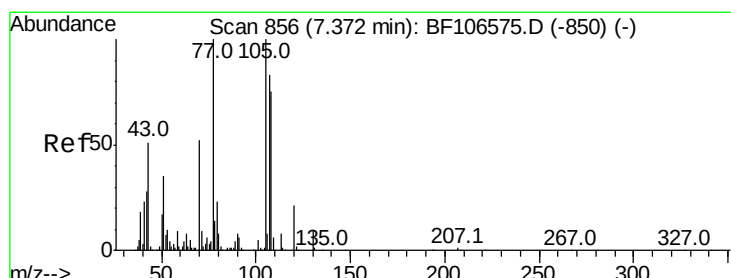
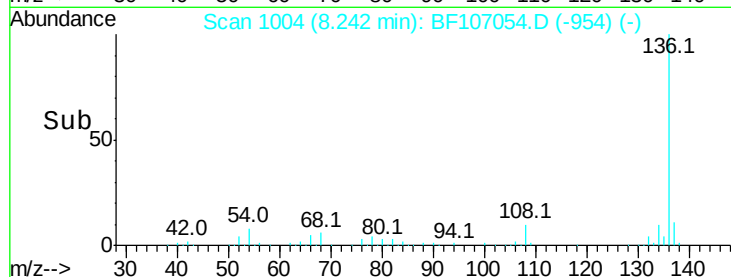
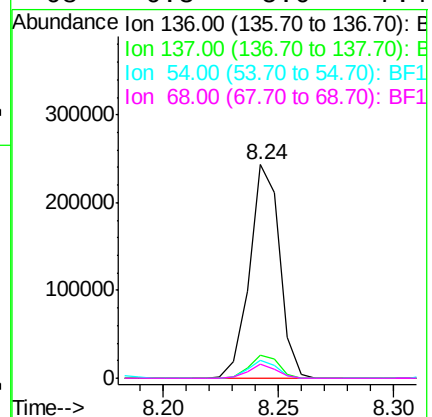
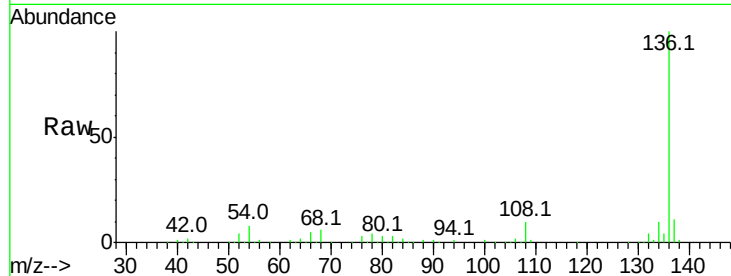
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

Instrument :
BNA_F
ClientSampleId :
EPE-106-8(18-20)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	8.9	13.3	
54	8.1	6.6	9.8	
68	6.3	5.0	7.4	

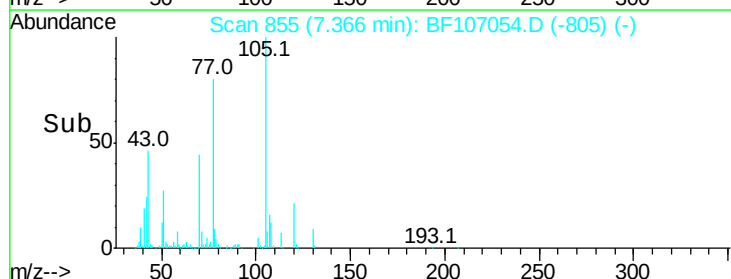
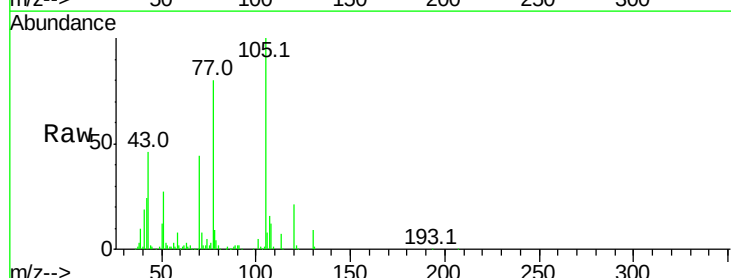
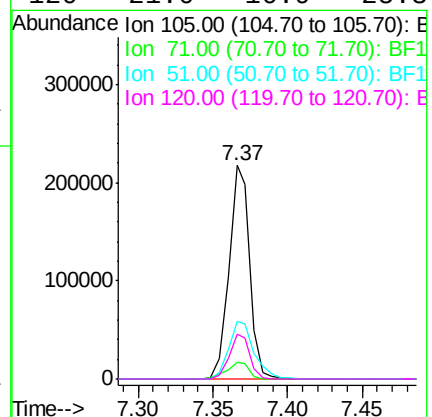
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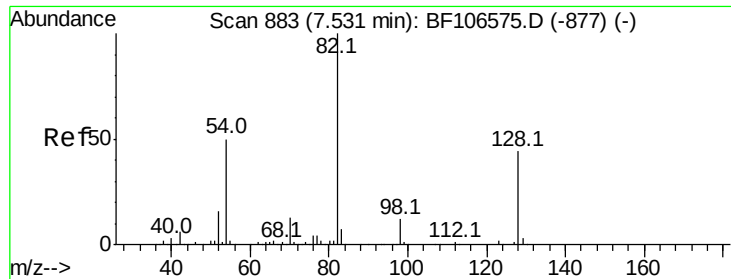
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#22
Acetophenone
Concen: 42.977 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.6	4.4	6.6#	
51	27.2	22.3	33.5	
120	21.0	16.9	25.3	





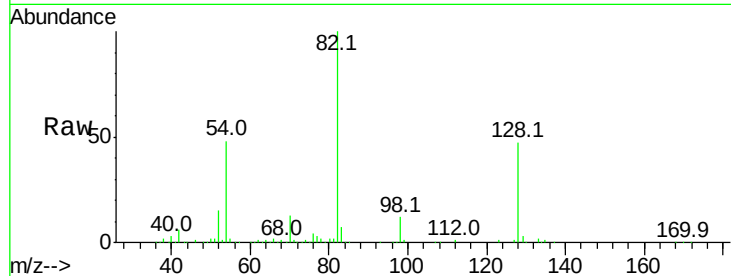
#23
Nitrobenzene-d5
Concen: 75.923 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

Instrument :
BNA_F
ClientSampleId :
EPE-106-8(18-20)MS

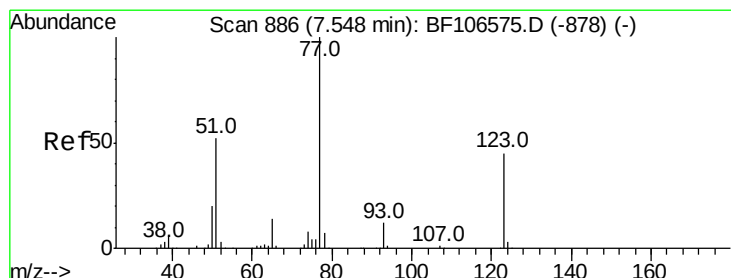
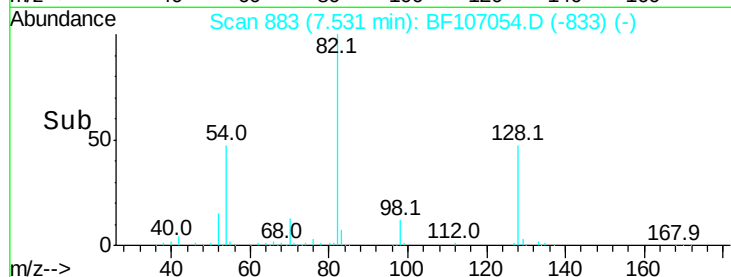
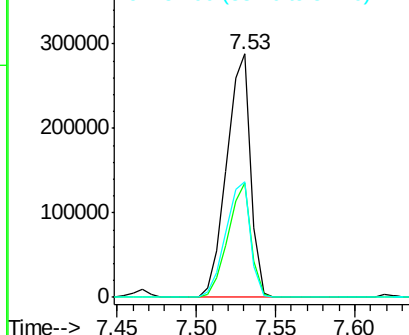
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.1	54.1
54	47.6	41.4	62.2

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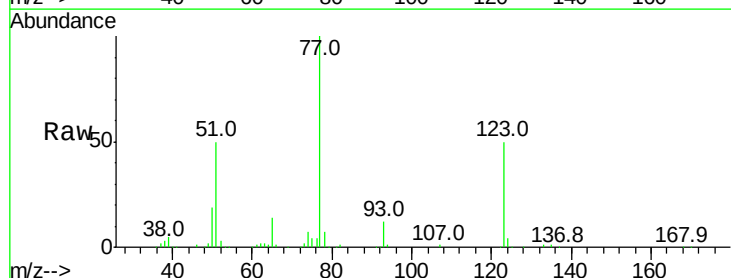


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

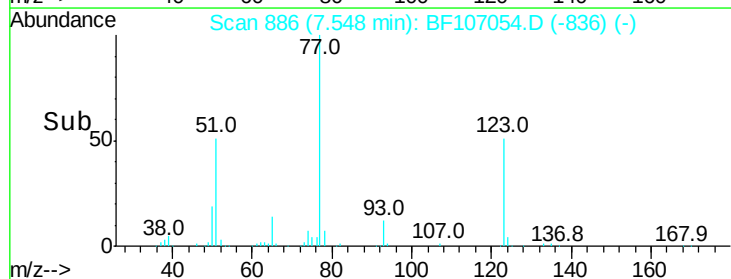
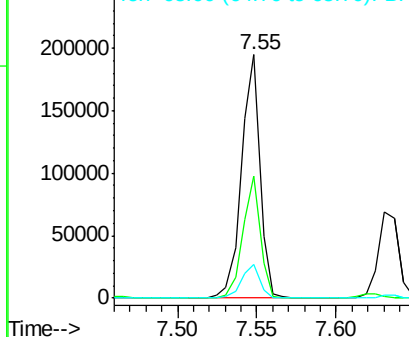


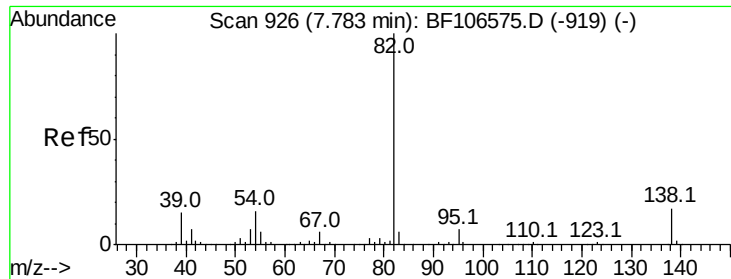
#24
Nitrobenzene
Concen: 38.740 ng
RT: 7.55 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.1	37.9	56.9
65	13.6	11.0	16.4



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





#25

Isophorone

Concen: 41.654 ng

RT: 7.78 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF107054.D

Acq: 2 Jul 2018 19:45

Instrument :

BNA_F

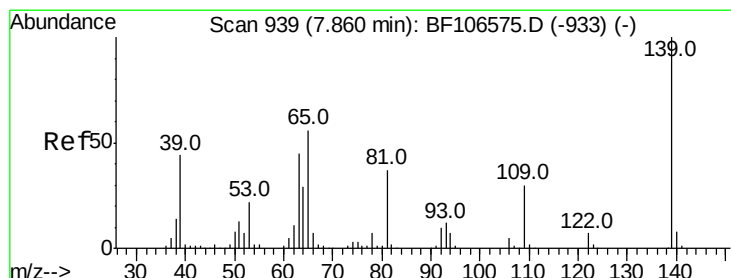
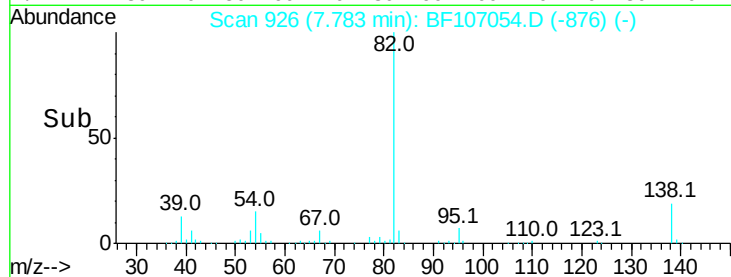
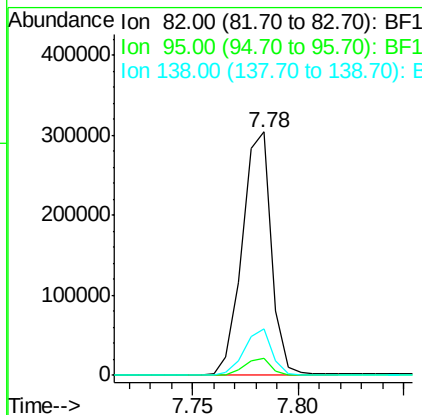
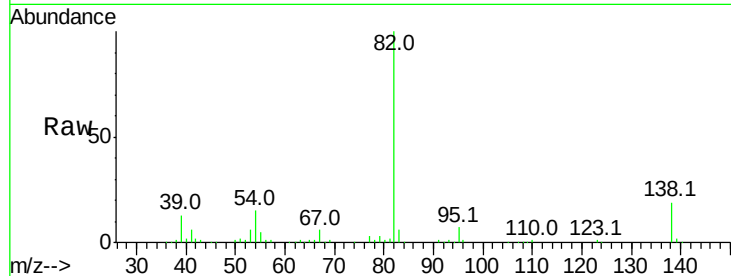
ClientSampleId :

EPE-106-8(18-20)MS

Tot Ion:	82	Resp:	291808
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.2	7.8
138	19.2	14.9	22.3

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#26

2-Nitrophenol

Concen: 22.431 ng

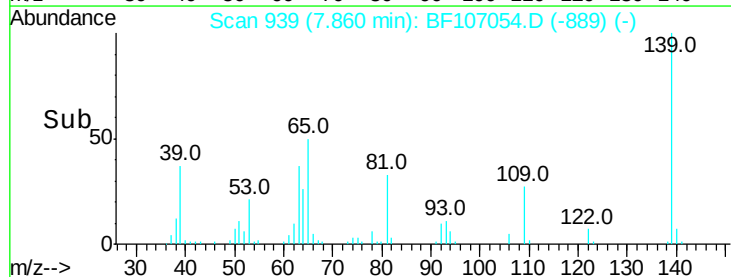
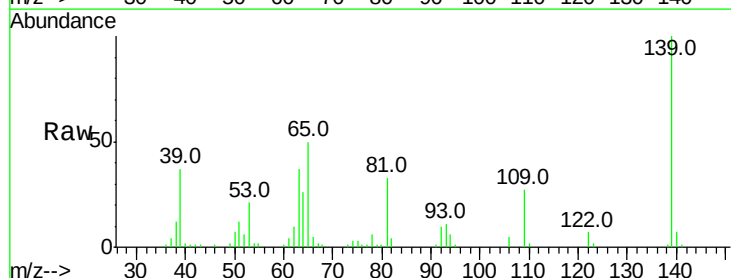
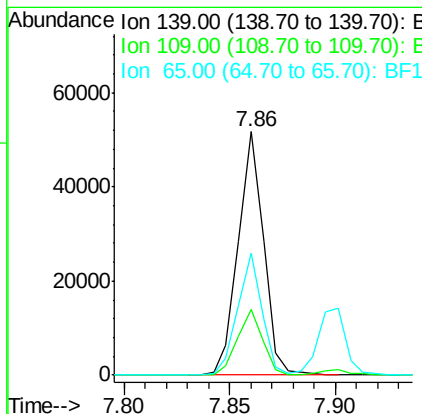
RT: 7.86 min Scan# 939

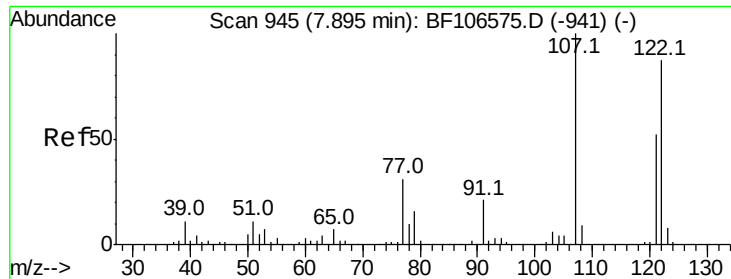
Delta R.T. -0.01 min

Lab File: BF107054.D

Acq: 2 Jul 2018 19:45

Tgt Ion:	139	Resp:	42980
Ion Ratio	Lower	Upper	
139	100		
109	27.0	22.7	34.1
65	50.2	40.5	60.7





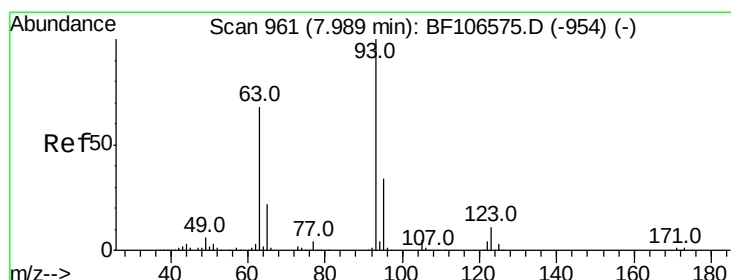
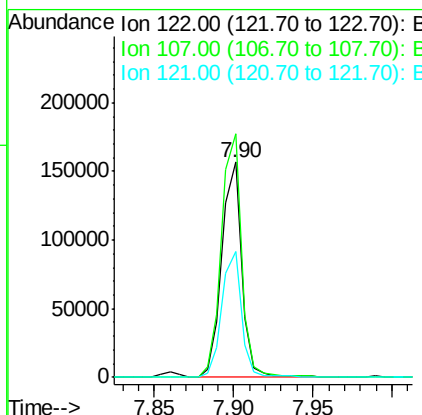
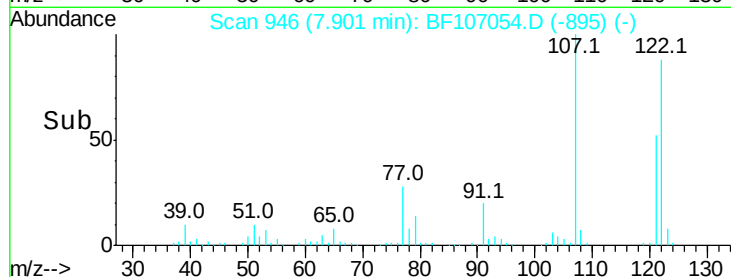
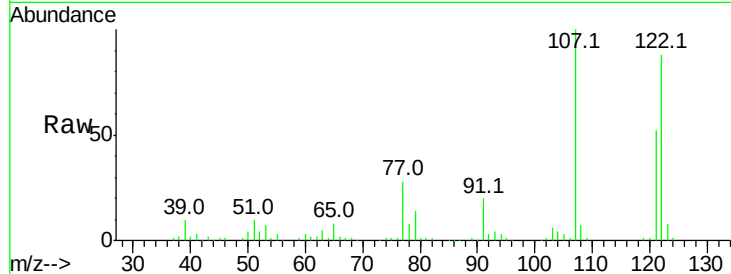
#27
 2,4-Dimethylphenol
 Concen: 46.544 ng
 RT: 7.90 min Scan# 946
 Delta R.T. -0.00 min
 Lab File: BF107054.D
 Acq: 2 Jul 2018 19:45

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-8(18-20)MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	137844		
107	113.3	91.2	136.8	
121	58.8	47.2	70.8	

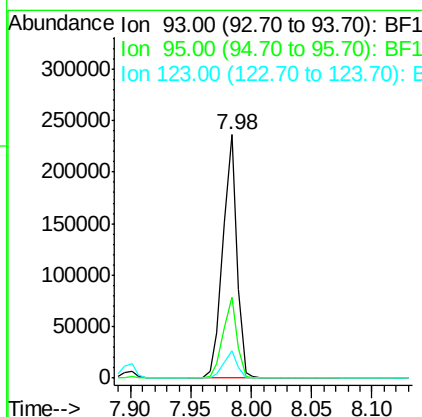
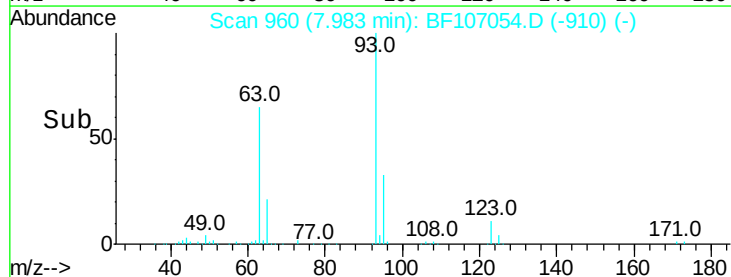
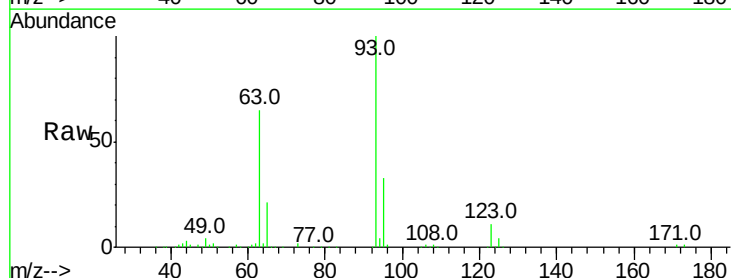
Manual Integrations
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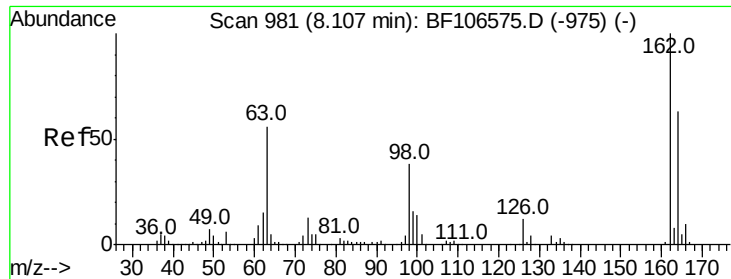
Sohil
 7/3/2018 5:30:04 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.417 ng
 RT: 7.98 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF107054.D
 Acq: 2 Jul 2018 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	190109		
95	33.1	26.3	39.5	
123	11.1	9.8	14.6	





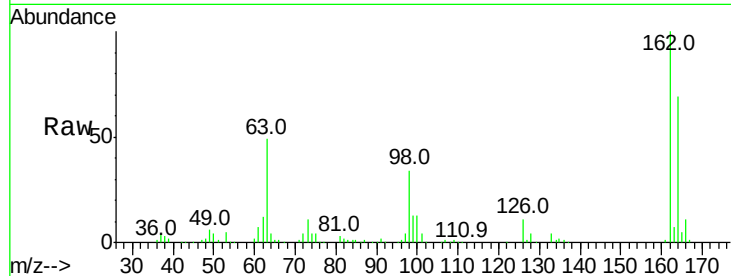
#29
 2,4-Dichlorophenol
 Concen: 42.525 ng
 RT: 8.11 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: BF107054.D
 Acq: 2 Jul 2018 19:45

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-8(18-20)MS

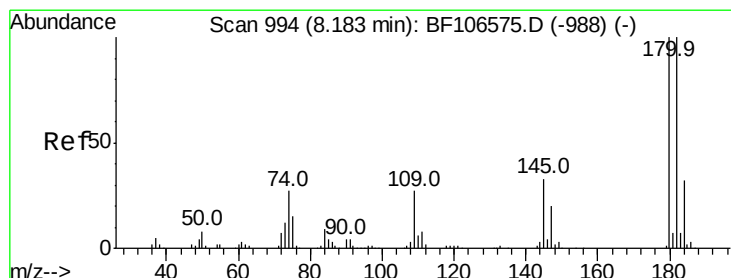
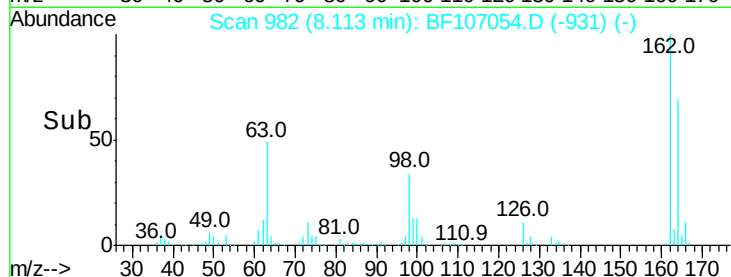
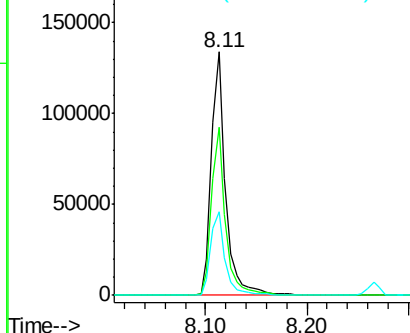
Tot Ion	Ratio	Resp	Lower	Upper
162	100	131853		
164	69.0	42.7	82.7	
98	34.2	18.1	58.1	

Manual Integrations
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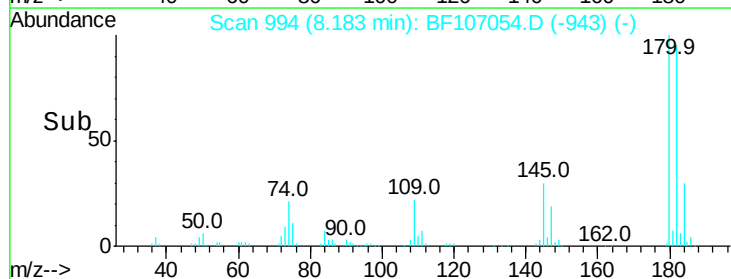
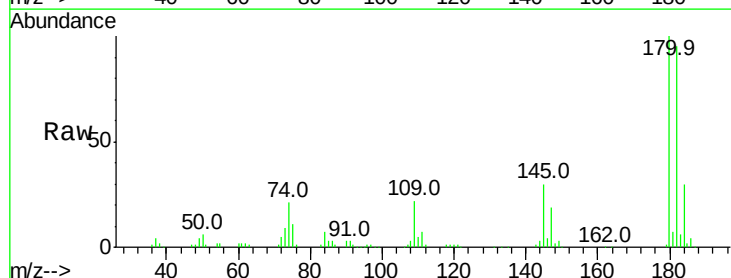
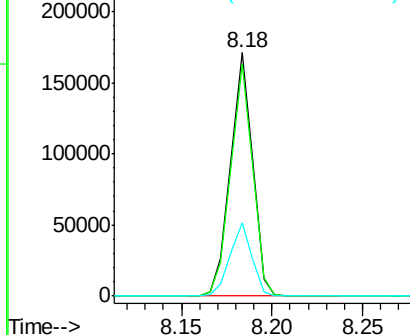
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

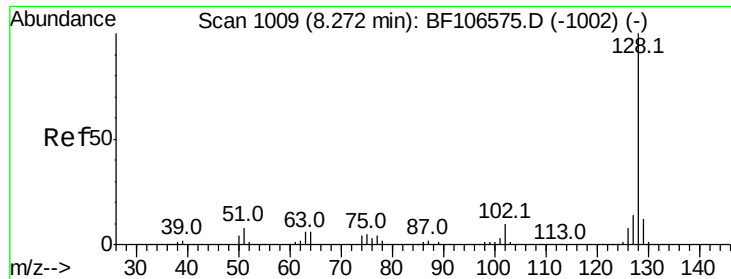


#30
 1,2,4-Trichlorobenzene
 Concen: 42.972 ng
 RT: 8.18 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: BF107054.D
 Acq: 2 Jul 2018 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	146777		
182	95.2	76.8	115.2	
145	30.2	26.5	39.7	

Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





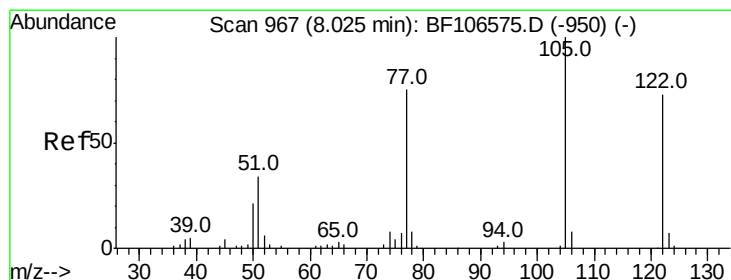
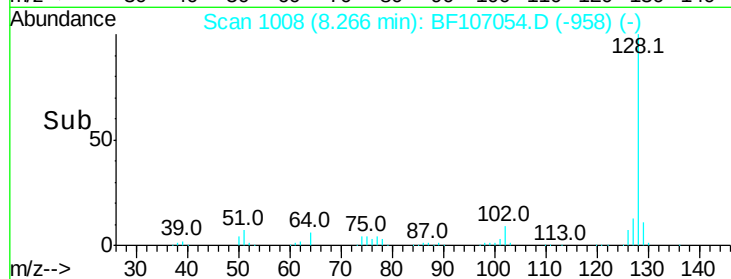
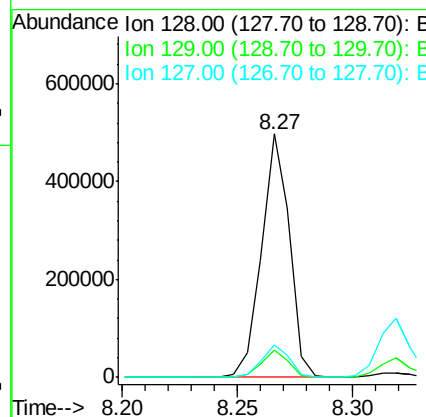
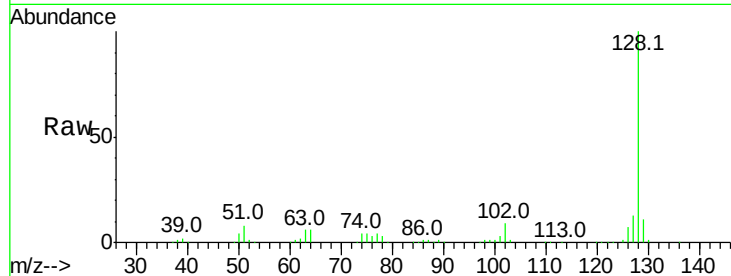
#31
Naphthalene
Concen: 40.615 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

Instrument :
BNA_F
ClientSampleId :
EPE-106-8(18-20)MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	13.4	10.9	16.3

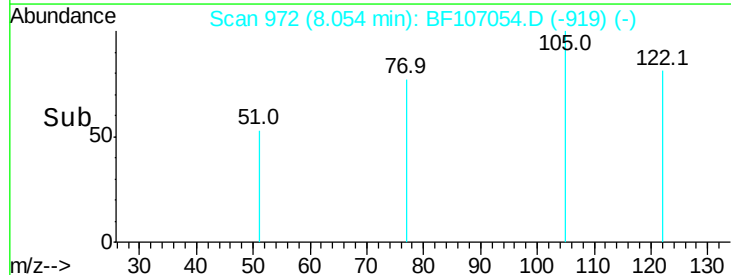
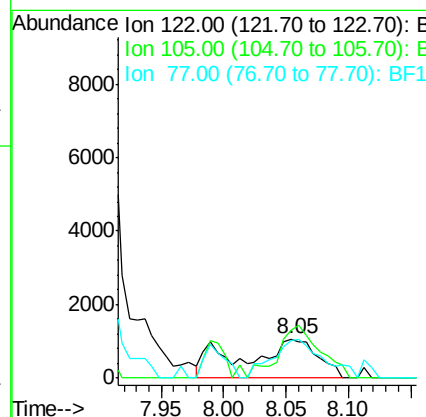
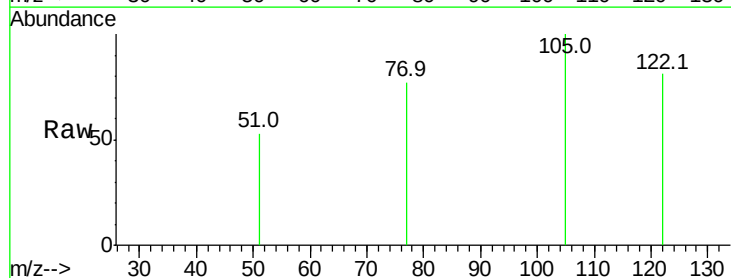
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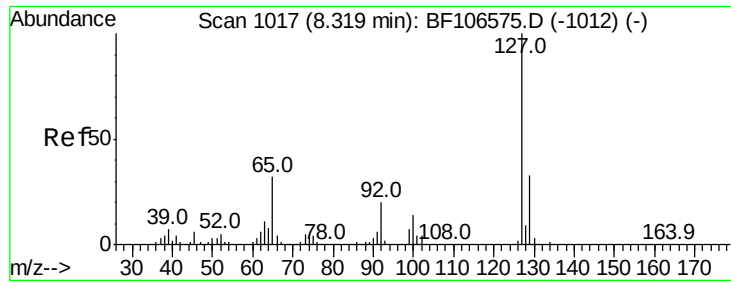
Sohil
7/3/2018 5:30:04 PM



#32
Benzoic acid
Concen: 7.511 ng m
RT: 8.05 min Scan# 972
Delta R.T. 0.01 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.1	101.1	141.1
77	95.6	70.7	110.7





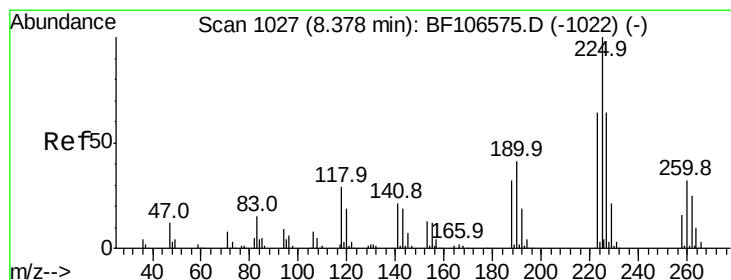
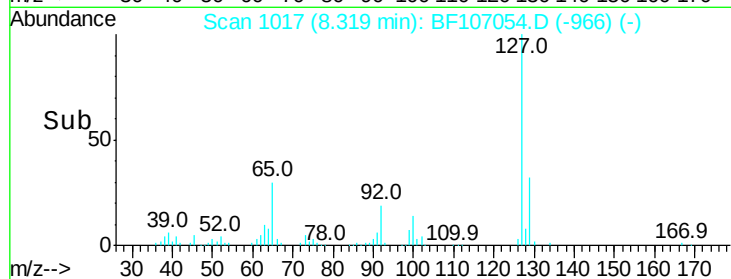
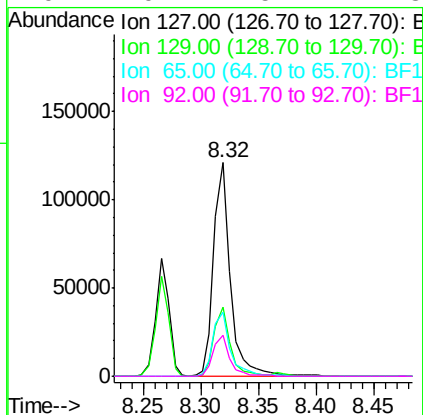
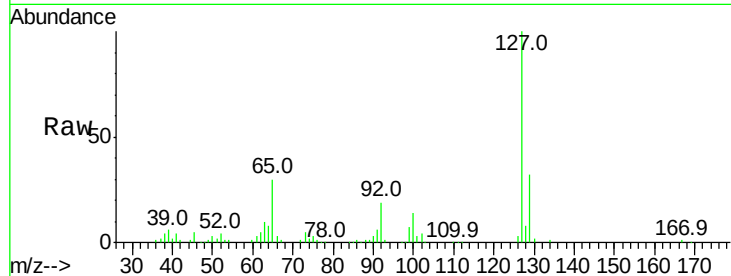
#33
4-Chloroaniline
Concen: 28.382 ng
RT: 8.32 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

Instrument :
BNA_F
ClientSampleId :
EPE-106-8(18-20)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3	25.9	38.9		
65	30.0	25.0	37.4		
92	19.4	15.2	22.8		

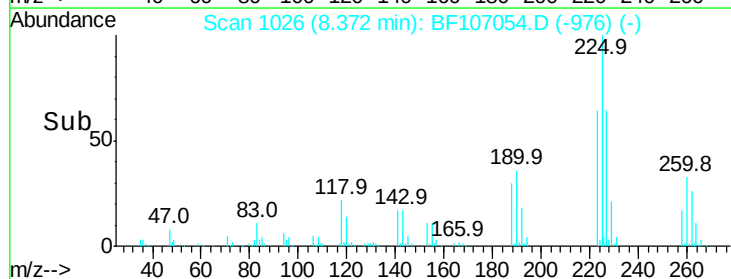
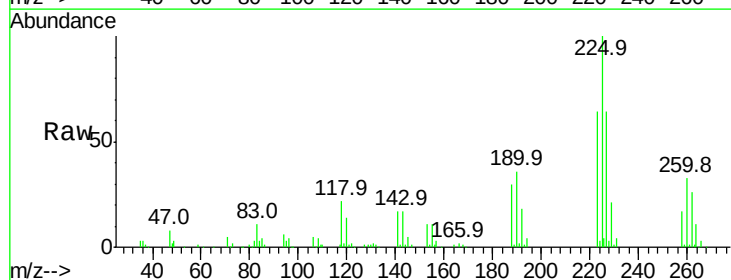
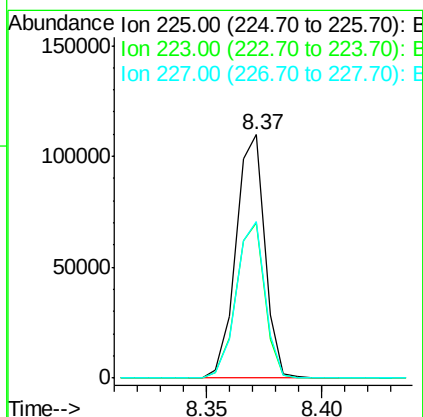
Manual Integrations
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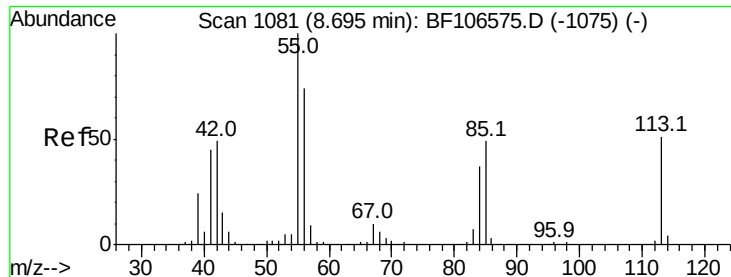
Sohil
7/3/2018 5:30:04 PM



#34
Hexachlorobutadiene
Concen: 43.112 ng
RT: 8.37 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.6	50.6	76.0		
227	64.5	51.9	77.9		





#35

Caprolactam

Concen: 37.866 ng

RT: 8.69 min Scan# 1080

Delta R.T. -0.02 min

Lab File: BF107054.D

Acq: 2 Jul 2018 19:45

Instrument :

BNA_F

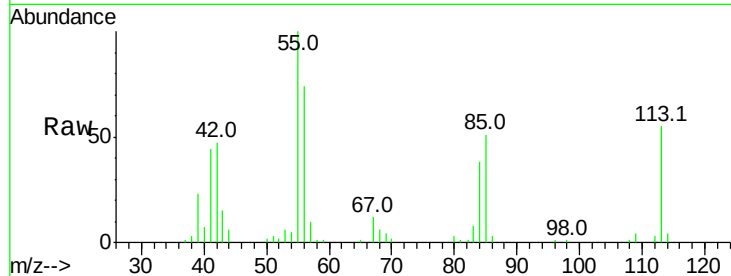
ClientSampleId :

EPE-106-8(18-20)MS

Tot Ion:	113	Resp:	38271
Ion Ratio	Lower	Upper	
113	100		
55	181.1	163.3	203.3
56	133.5	115.7	155.7

Manual Integrations
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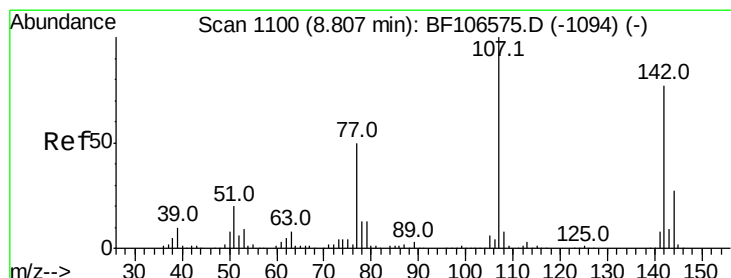
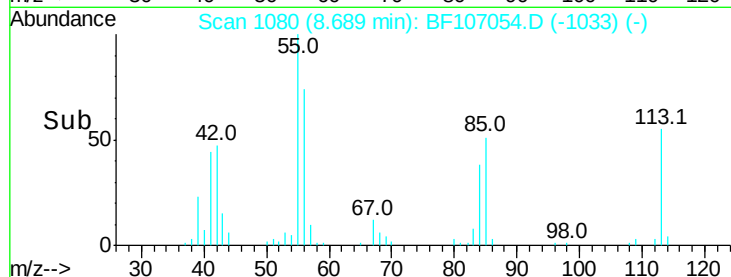
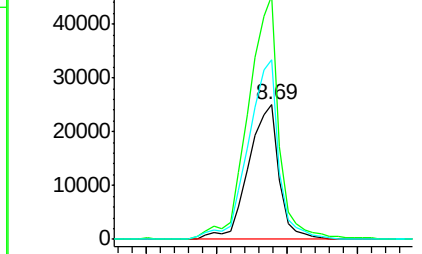
Sohil
7/3/2018 5:30:04 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 39.412 ng

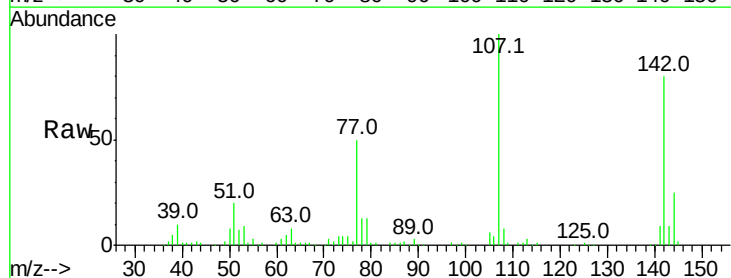
RT: 8.81 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BF107054.D

Acq: 2 Jul 2018 19:45

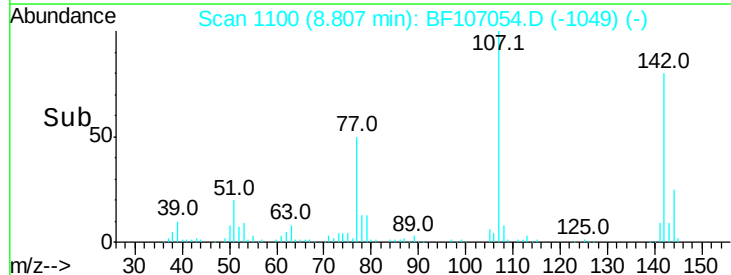
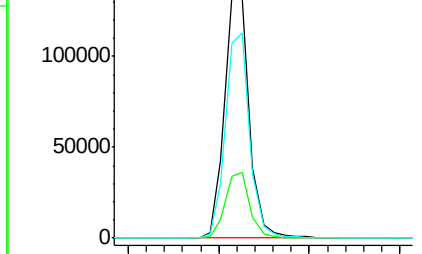
Tgt Ion:	107	Resp:	128624
Ion Ratio	Lower	Upper	
107	100		
144	25.2	20.5	30.7
142	80.3	62.0	93.0

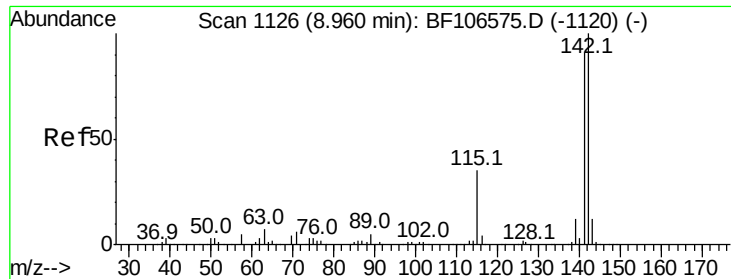


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





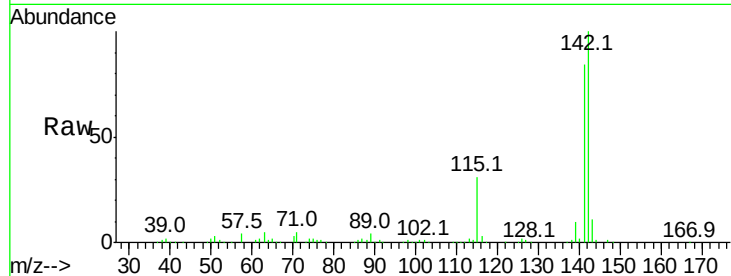
#37
2-Methylnaphthalene
Concen: 44.064 ng
RT: 8.96 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

Instrument :
BNA_F
ClientSampleId :
EPE-106-8(18-20)MS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	301686		
141	84.1	70.8	106.2	
115	31.0	26.1	39.1	

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7/3/2018 5:30:04 PM

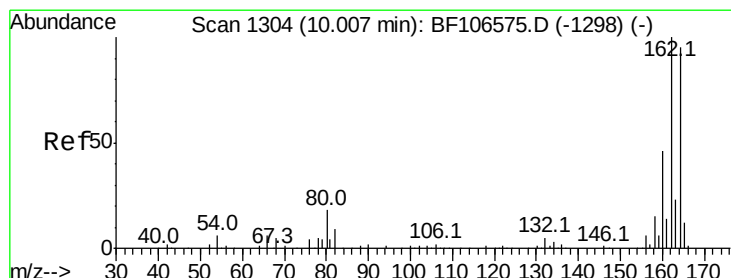
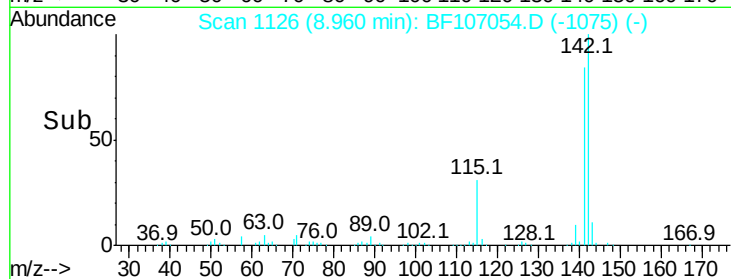
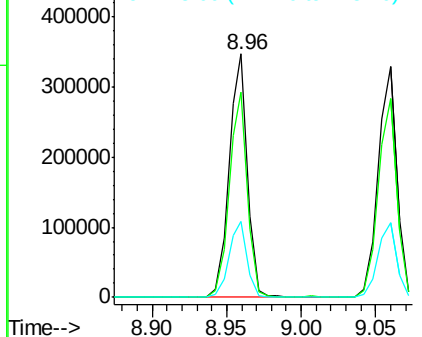


Abundance

Ion 142.00 (141.70 to 142.70): E

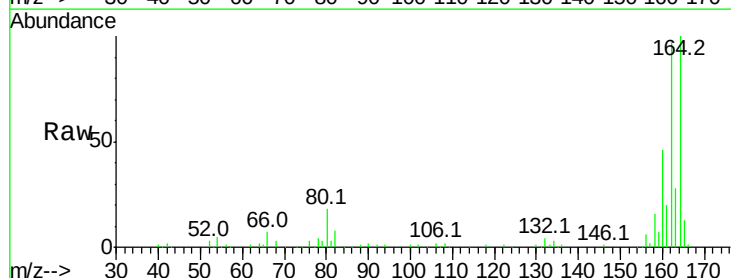
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	99756		
162	97.2	86.1	129.1	
160	45.7	38.3	57.5	

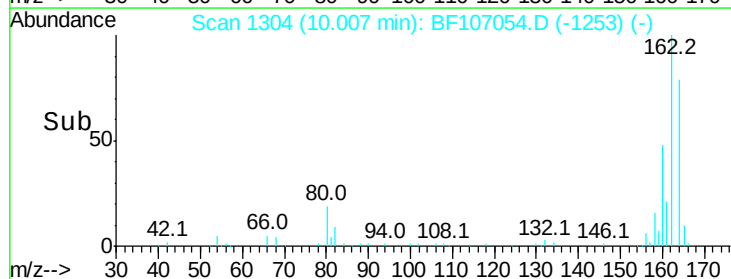
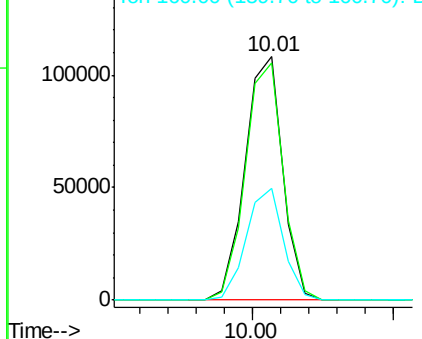


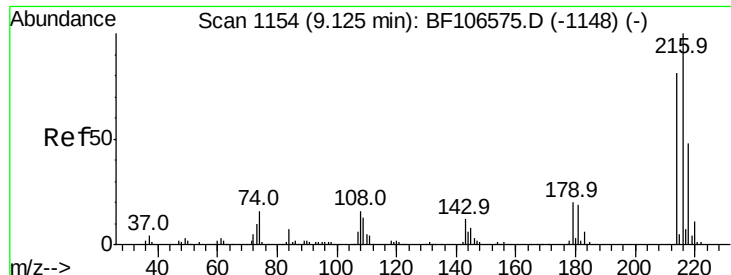
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





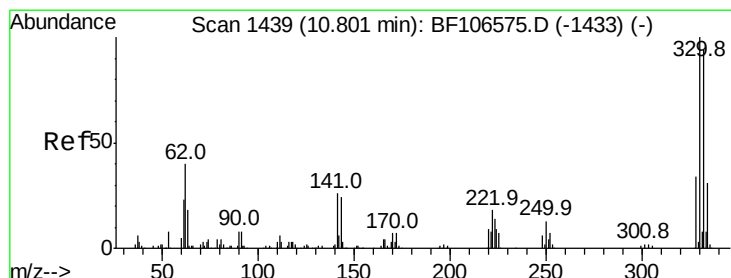
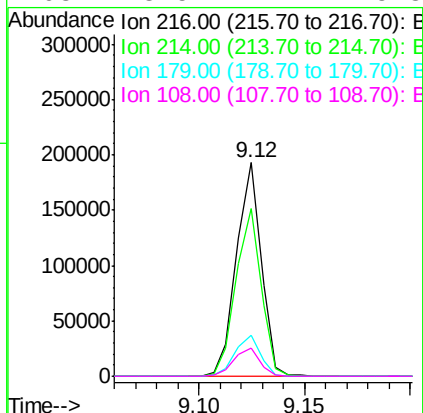
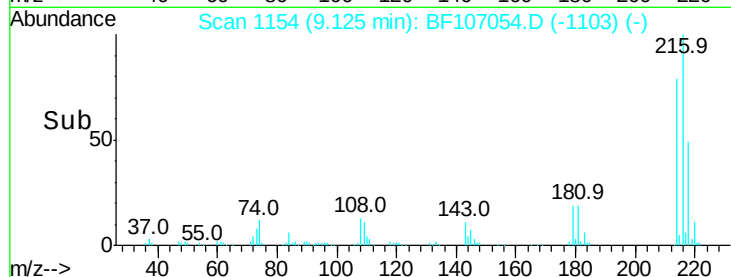
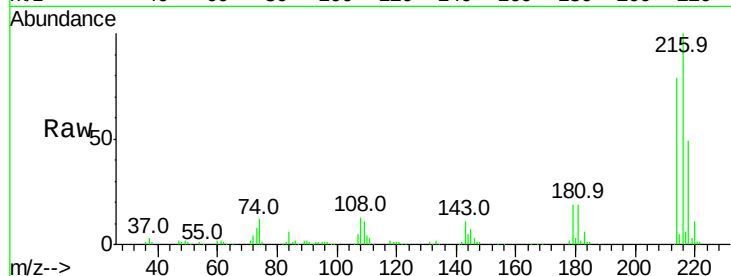
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.687 ng
 RT: 9.12 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BF107054.D
 Acq: 2 Jul 2018 19:45

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-8(18-20)MS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.5	63.0	94.4
179	19.7	18.1	27.1
108	13.5	17.2	25.8#

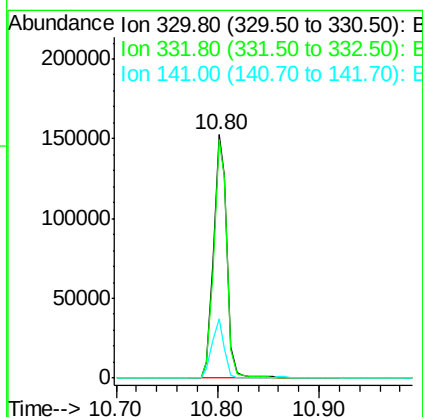
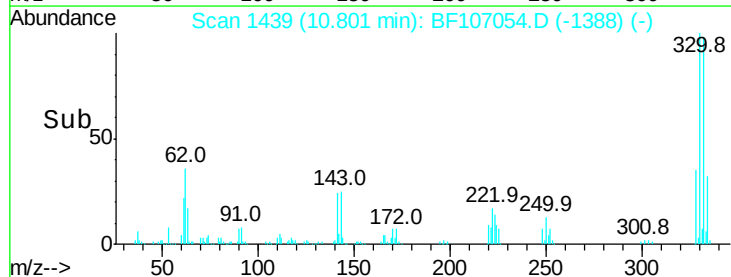
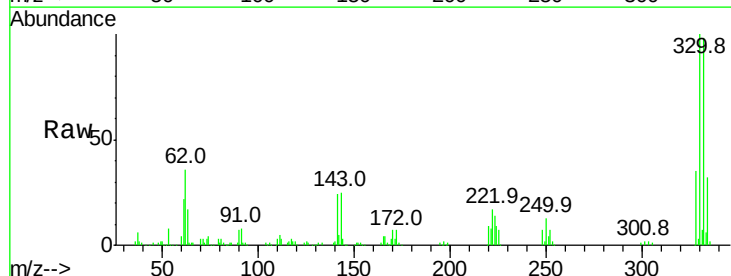
Manual Integrations
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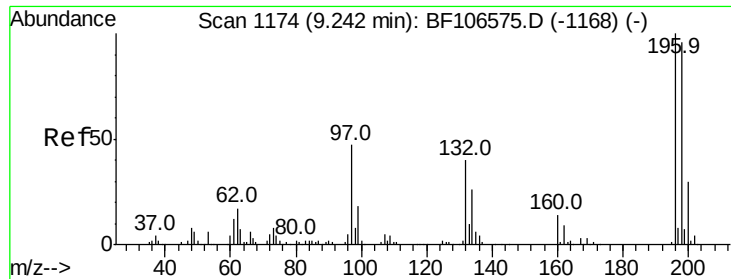
Sohil
 7/3/2018 5:30:04 PM



#41
 2,4,6-Tribromophenol
 Concen: 120.350 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF107054.D
 Acq: 2 Jul 2018 19:45

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.4	77.0	115.6
141	22.6	29.9	44.9#





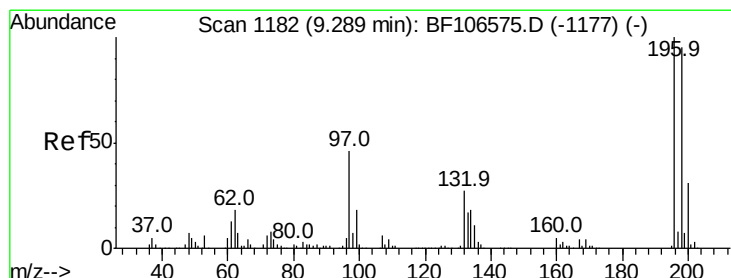
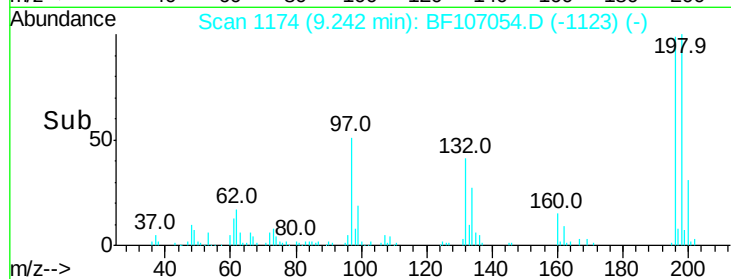
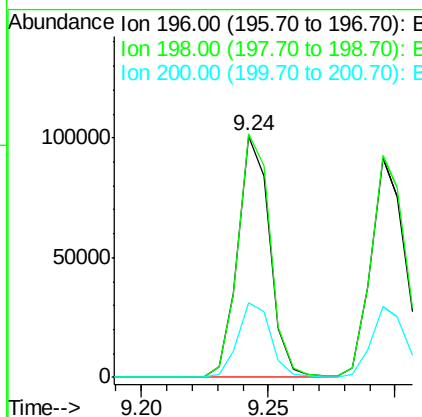
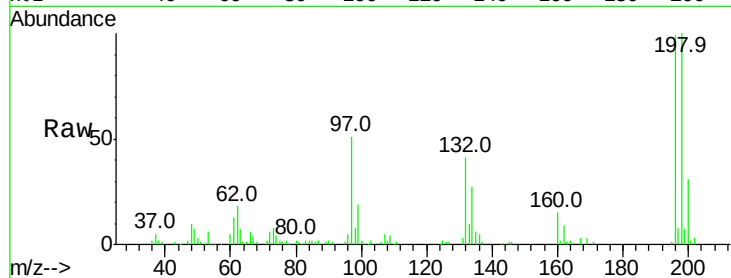
#42
 2,4,6-Trichlorophenol
 Concen: 39.698 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: BF107054.D
 Acq: 2 Jul 2018 19:45

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-8(18-20)MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	88650		
198	100.9	75.7	113.5	
200	31.0	24.5	36.7	

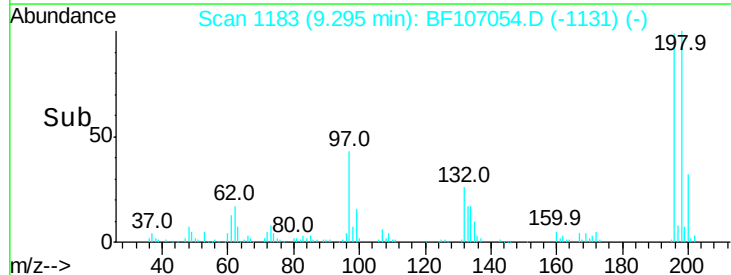
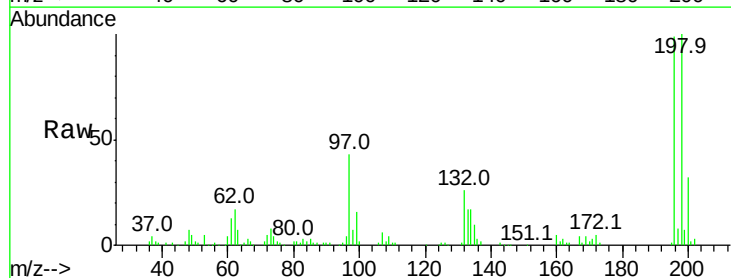
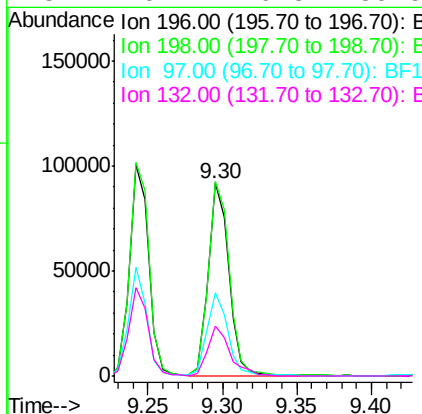
Manual Integrations
 APPROVED

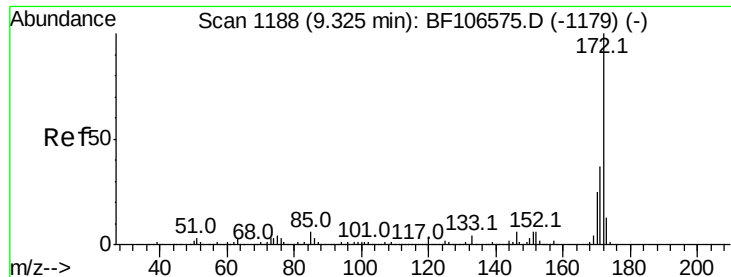
Sohil
 7/3/2018 5:30:04 PM



#43
 2,4,5-Trichlorophenol
 Concen: 38.035 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF107054.D
 Acq: 2 Jul 2018 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	88627		
198	101.2	74.6	112.0	
97	43.4	42.9	64.3	
132	26.2	26.3	39.5#	





#44

2-Fluorobiphenyl

Concen: 90.982 ng

RT: 9.32 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF107054.D

Acq: 2 Jul 2018 19:45

Instrument :

BNA_F

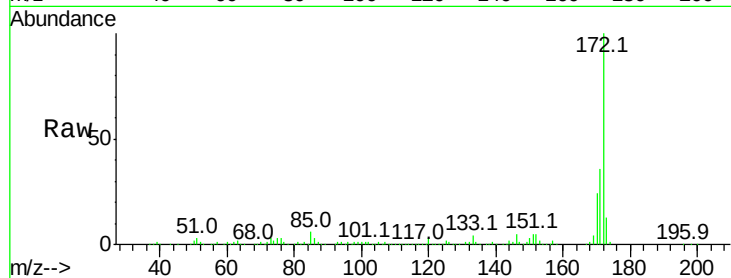
ClientSampleId :

EPE-106-8(18-20)MS

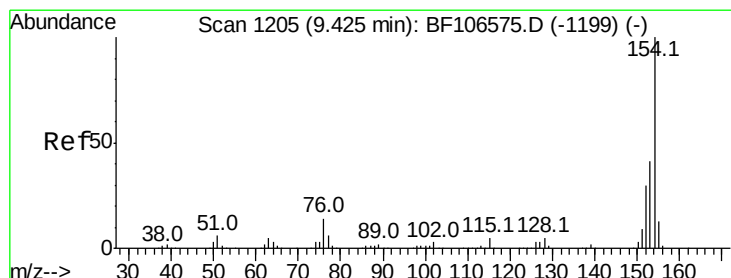
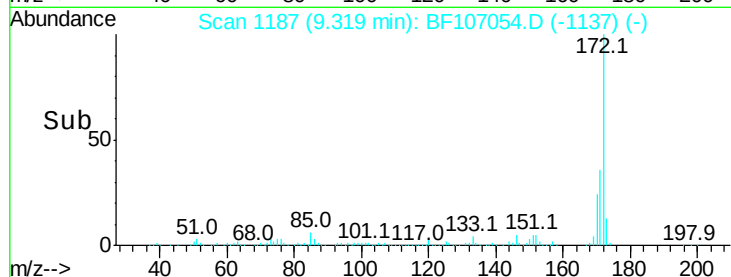
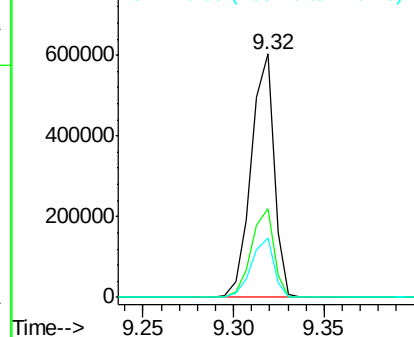
Tot Ion:	172	Resp:	530089
Ion Ratio	Lower	Upper	
172	100		
171	36.2	29.7	44.5
170	24.1	19.6	29.4

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Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 44.561 ng

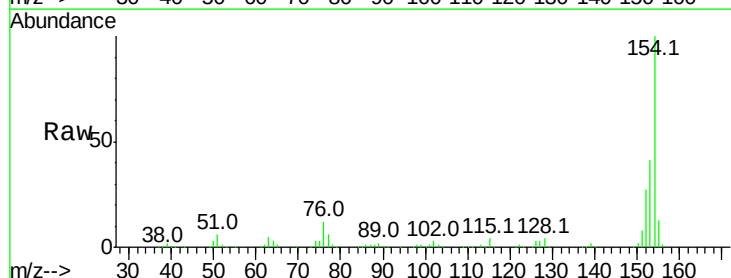
RT: 9.42 min Scan# 1204

Delta R.T. -0.01 min

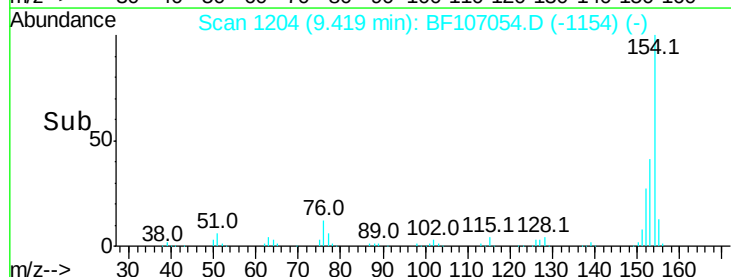
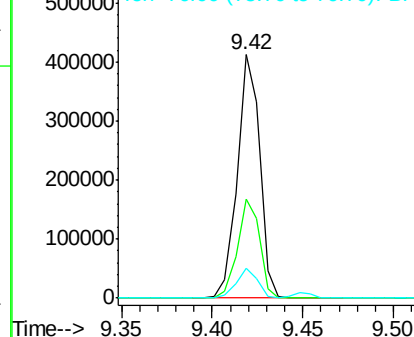
Lab File: BF107054.D

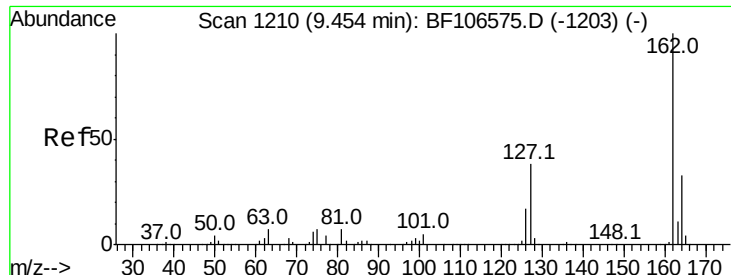
Acq: 2 Jul 2018 19:45

Tgt Ion:	154	Resp:	354266
Ion Ratio	Lower	Upper	
154	100		
153	40.8	21.3	61.3
76	12.3	0.0	34.0



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





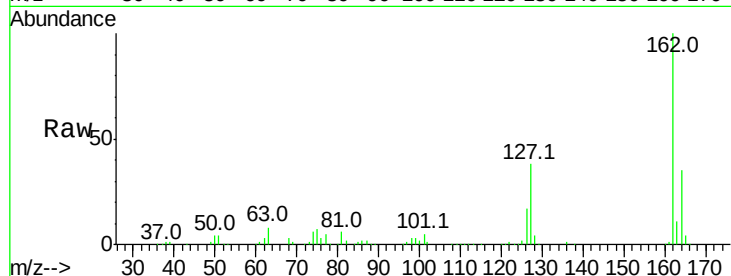
#46
 2-Chloronaphthalene
 Concen: 40.942 ng
 RT: 9.45 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF107054.D
 Acq: 2 Jul 2018 19:45

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-8(18-20)MS

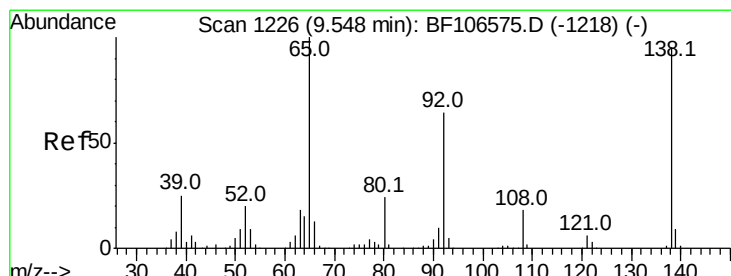
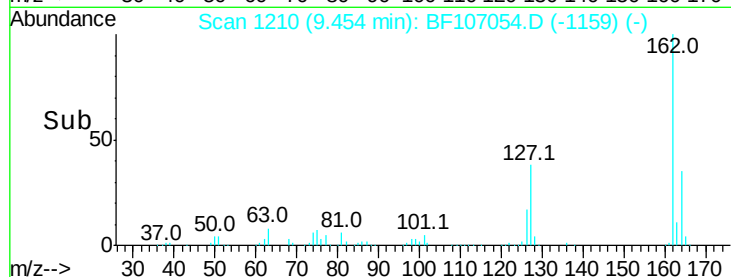
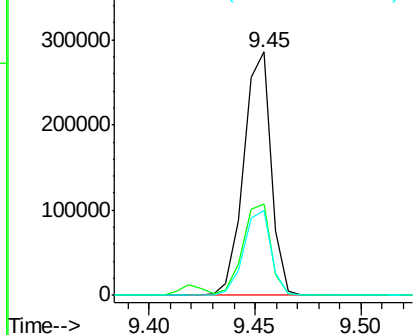
Tot Ion	Ratio	Resp	Lower	Upper
162	100	256211		
127	37.7		33.9	50.9
164	34.9		26.5	39.7

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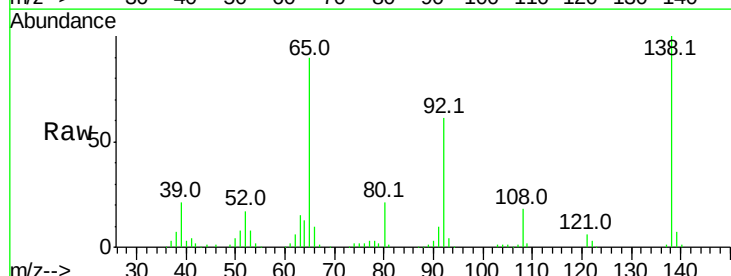


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

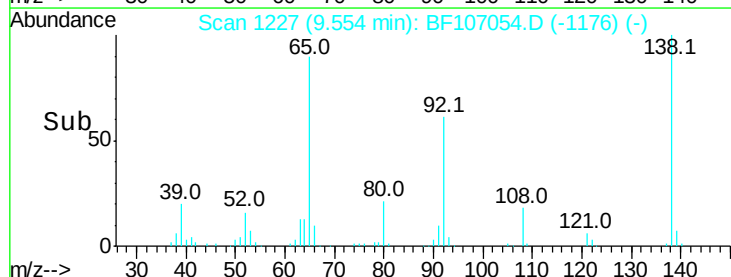
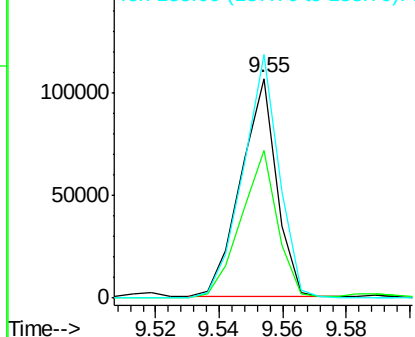


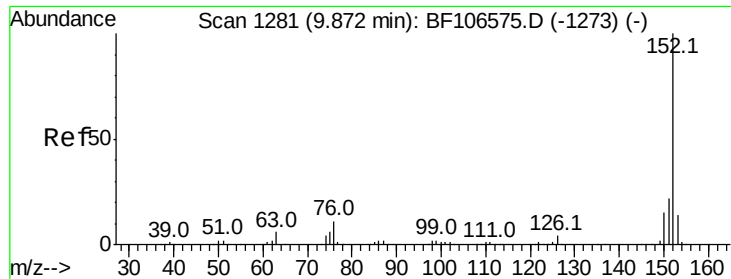
#47
 2-Nitroaniline
 Concen: 39.563 ng
 RT: 9.55 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: BF107054.D
 Acq: 2 Jul 2018 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	83253		
92	67.4		55.8	83.6
138	110.7		91.2	136.8



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





#48

Acenaphthylene

Concen: 39.725 ng

RT: 9.87 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF107054.D

Acq: 2 Jul 2018 19:45

Instrument :

BNA_F

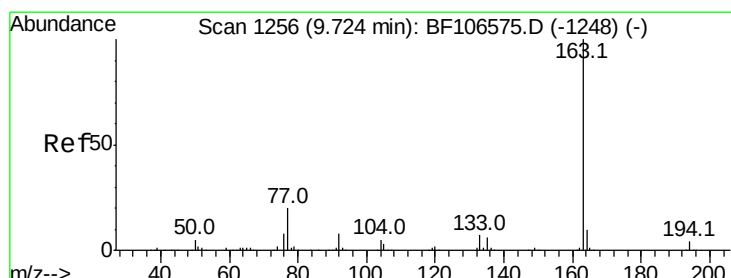
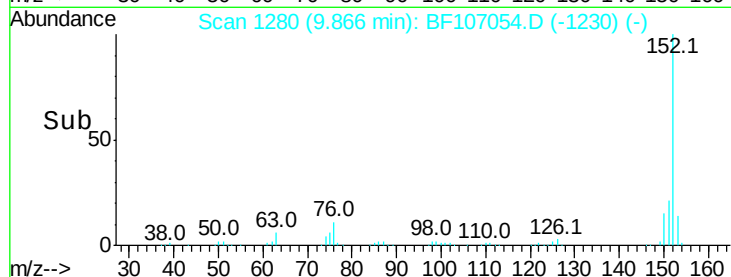
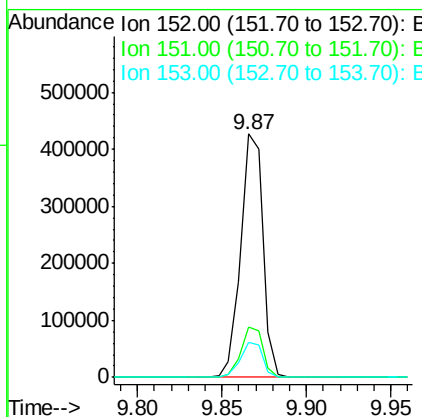
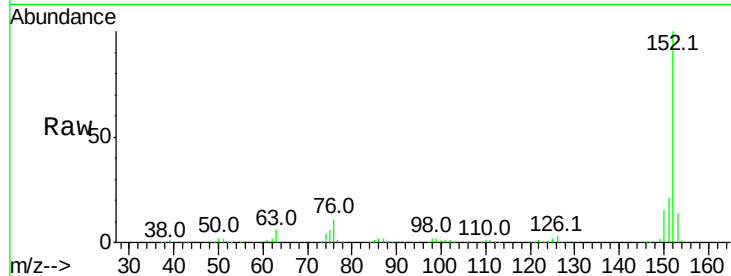
ClientSampleId :

EPE-106-8(18-20)MS

Tot Ion:	152	Resp:	392482
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.3	24.5
153	14.4	10.7	16.1

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#49

Dimethylphthalate

Concen: 50.600 ng

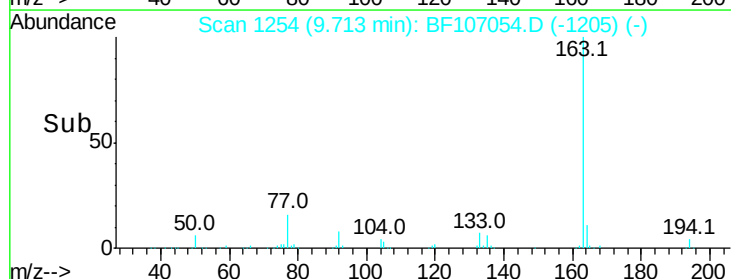
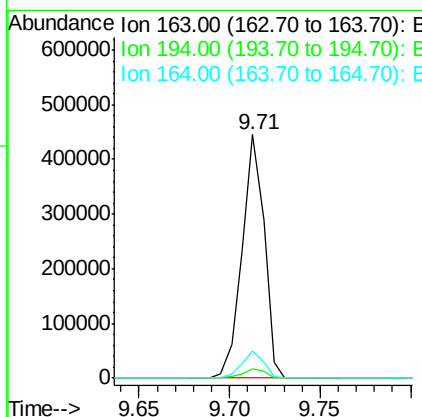
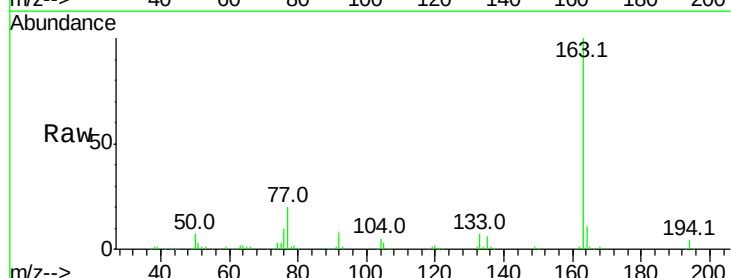
RT: 9.71 min Scan# 1254

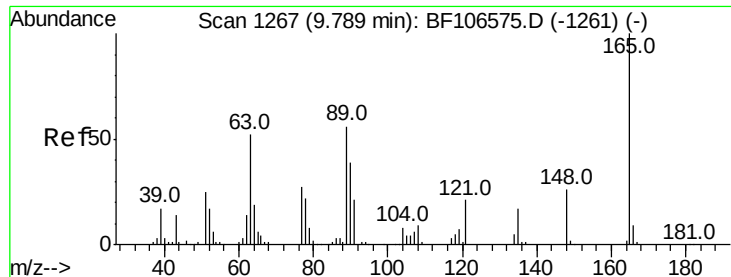
Delta R.T. -0.01 min

Lab File: BF107054.D

Acq: 2 Jul 2018 19:45

Tgt Ion:	163	Resp:	378583
Ion Ratio	Lower	Upper	
163	100		
194	3.9	2.7	4.1
164	11.2	8.2	12.2





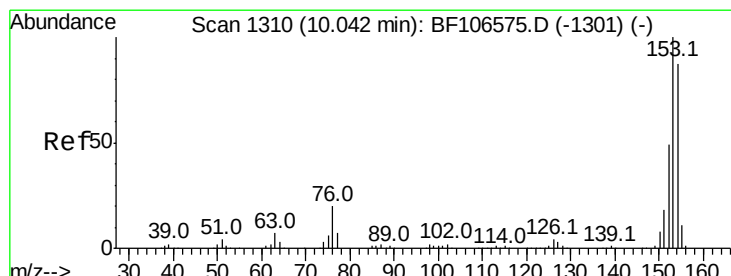
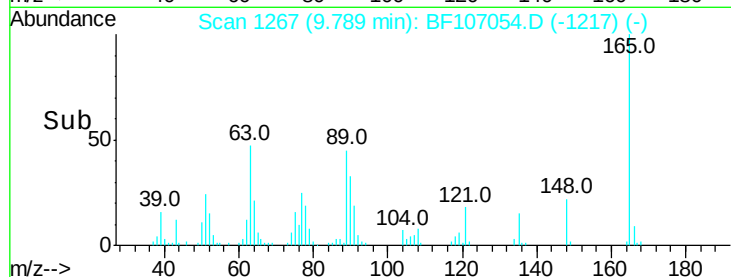
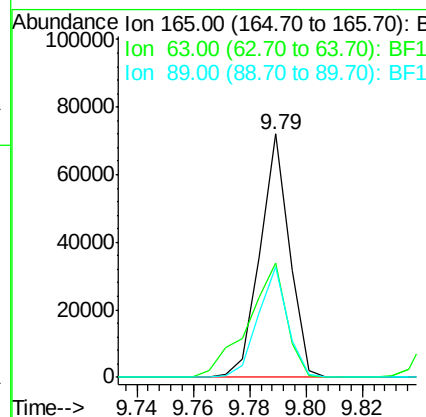
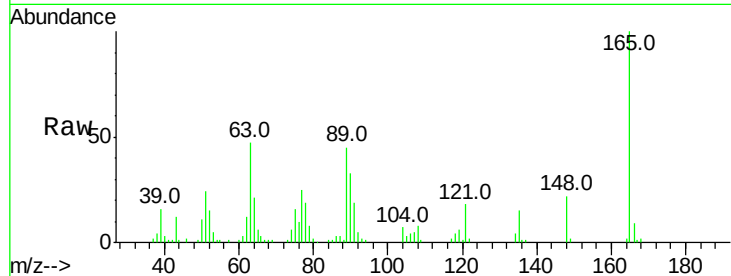
#50
2,6-Dinitrotoluene
Concen: 32.810 ng
RT: 9.79 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

Instrument :
BNA_F
ClientSampleId :
EPE-106-8(18-20)MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	47.2	44.7	67.1	
89	45.5	44.0	66.0	

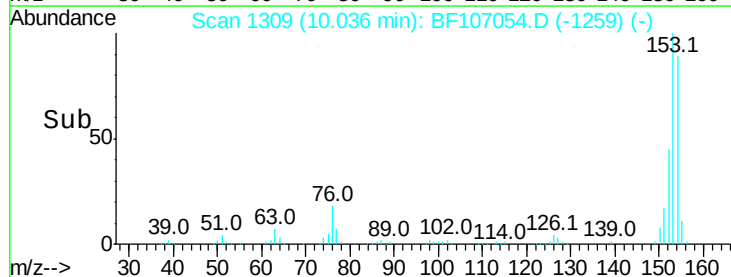
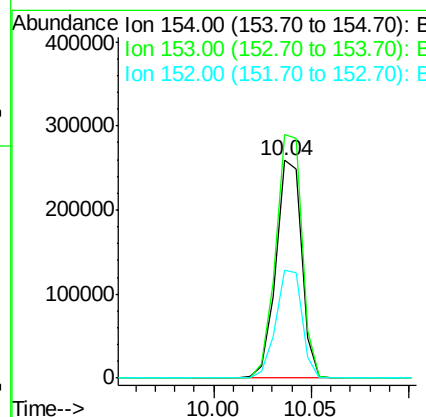
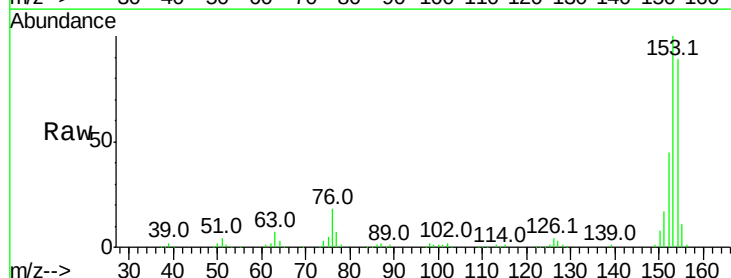
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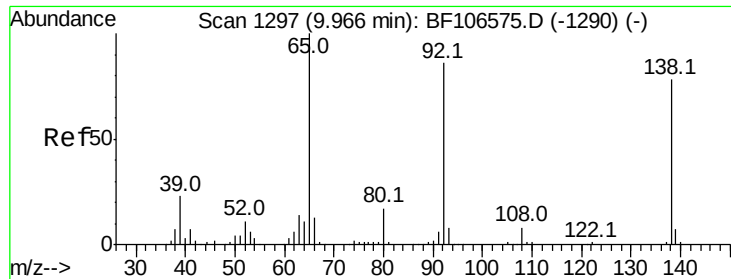
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#51
Acenaphthene
Concen: 38.073 ng
RT: 10.04 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	111.8	91.2	136.8	
152	49.8	43.8	65.8	





#52

3-Nitroaniline

Concen: 43.804 ng

RT: 9.97 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF107054.D

Acq: 2 Jul 2018 19:45

Instrument :

BNA_F

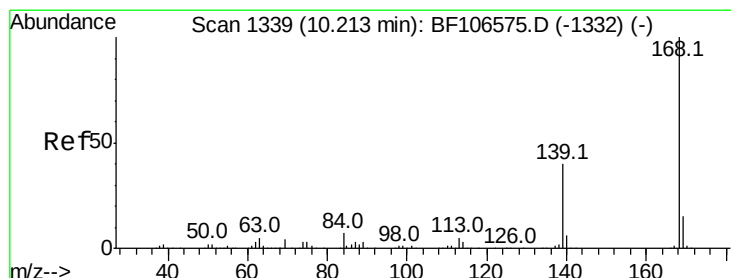
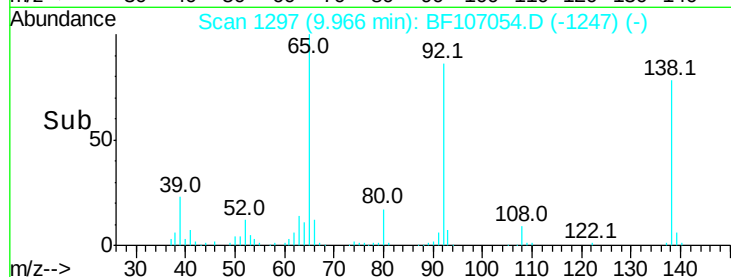
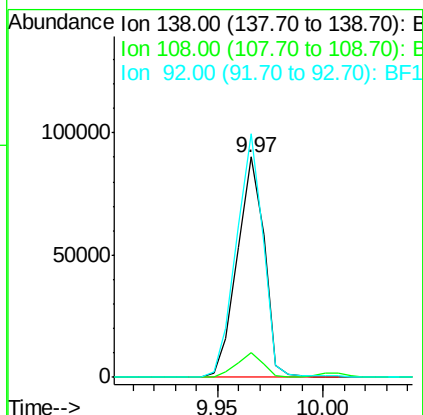
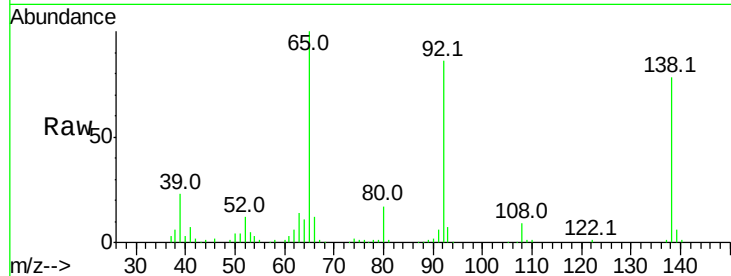
ClientSampleId :

EPE-106-8(18-20)MS

Tot Ion:	138	Resp:	79859
Ion Ratio	Lower	Upper	
138	100		
108	11.3	9.4	14.0
92	110.6	89.4	134.2

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#54

Dibenzofuran

Concen: 41.967 ng

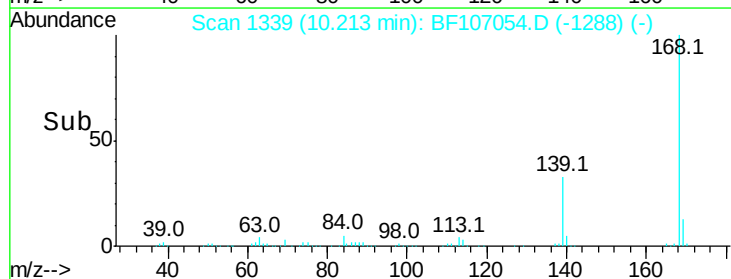
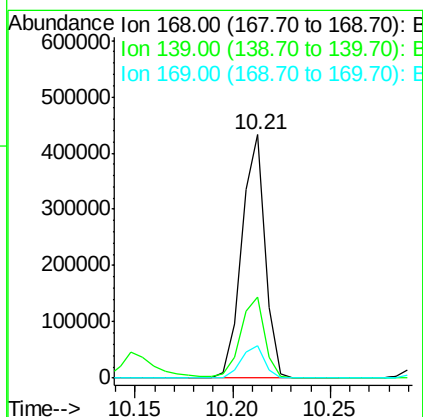
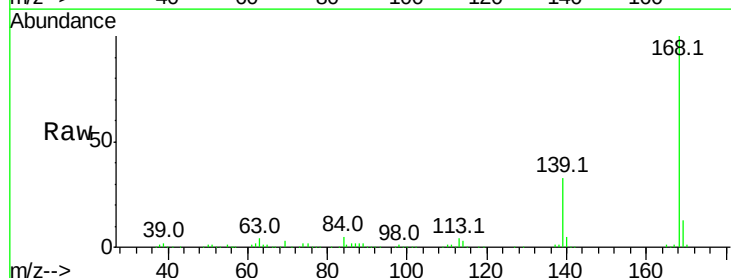
RT: 10.21 min Scan# 1339

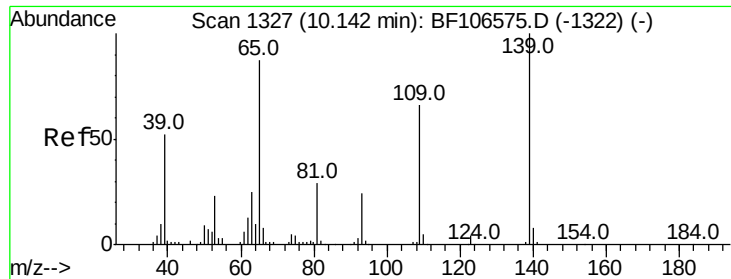
Delta R.T. -0.00 min

Lab File: BF107054.D

Acq: 2 Jul 2018 19:45

Tgt Ion:	168	Resp:	357526
Ion Ratio	Lower	Upper	
168	100		
139	33.3	30.1	45.1
169	13.2	10.9	16.3





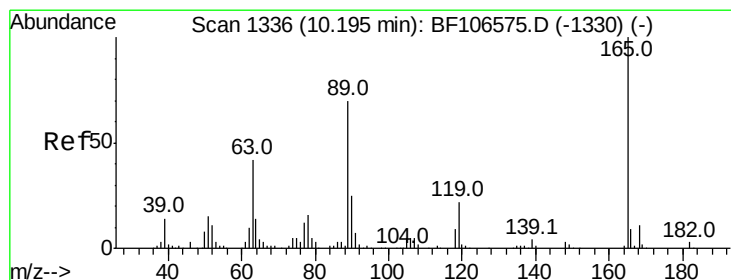
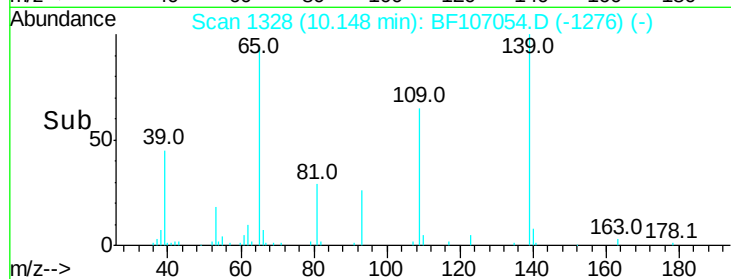
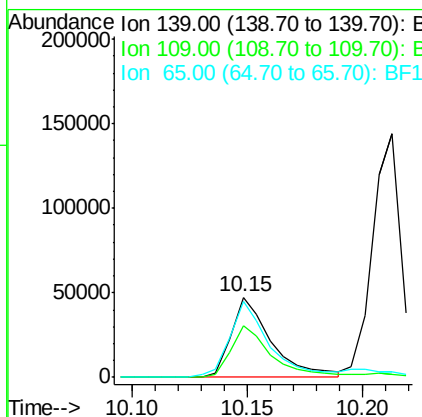
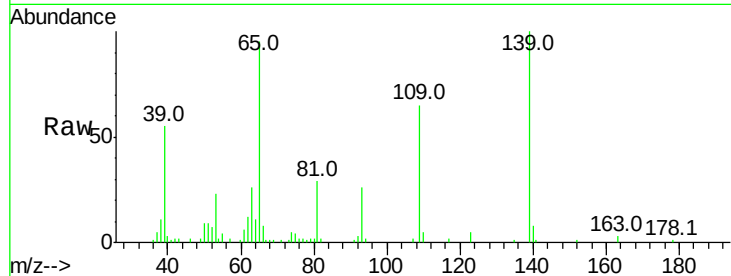
#55
4-Nitrophenol
Concen: 45.011 ng
RT: 10.15 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

Instrument :
BNA_F
ClientSampleId :
EPE-106-8(18-20)MS

Tot Ion	Ratio	Lower	Upper
139	100		
109	64.6	48.4	88.4
65	94.9	72.6	112.6

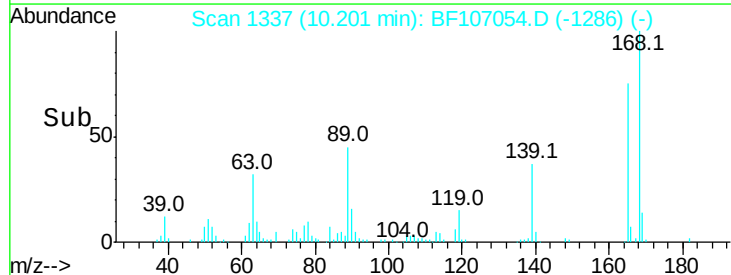
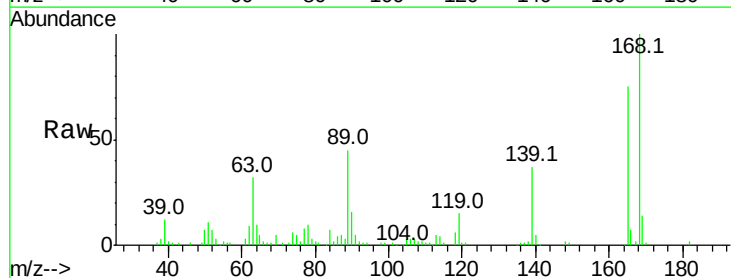
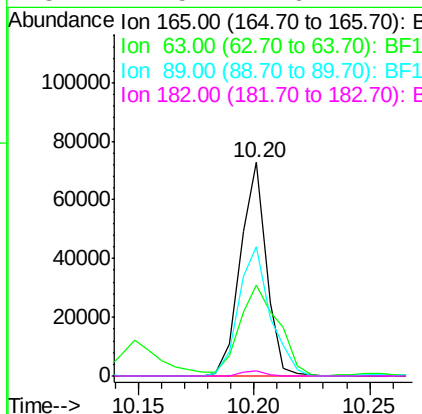
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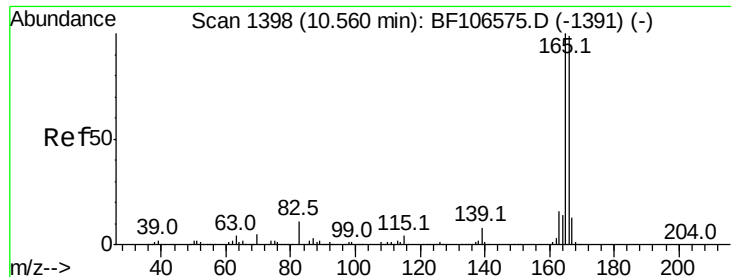
Sohil
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#56
2,4-Dinitrotoluene
Concen: 27.758 ng
RT: 10.20 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

Tgt Ion	Ratio	Lower	Upper
165	100		
63	42.6	36.4	54.6
89	60.4	57.8	86.6
182	2.5	1.6	2.4





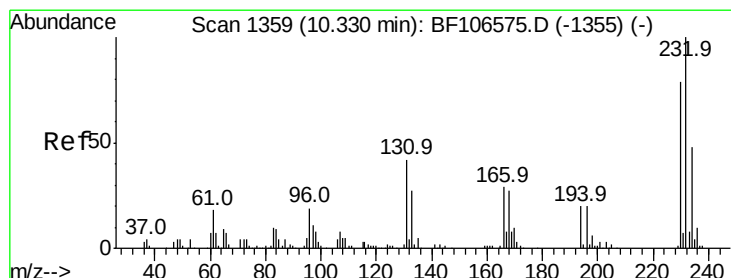
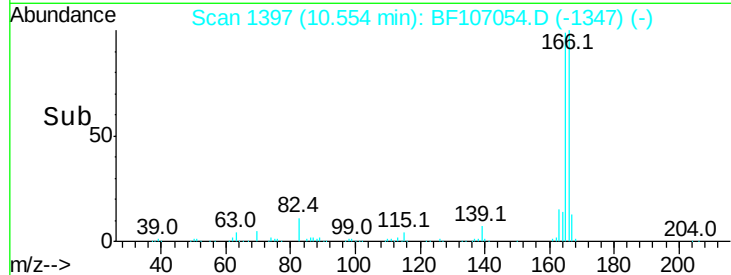
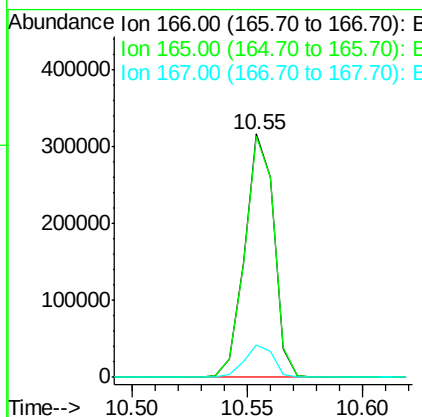
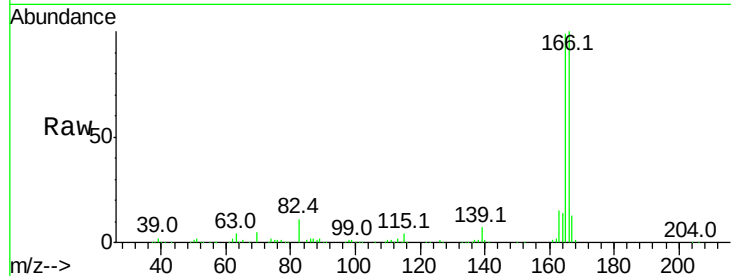
#57
 Fluorene
 Concen: 41.270 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF107054.D
 Acq: 2 Jul 2018 19:45

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-8(18-20)MS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	278993		
165	99.3	79.8	119.8	
167	13.5	10.6	16.0	

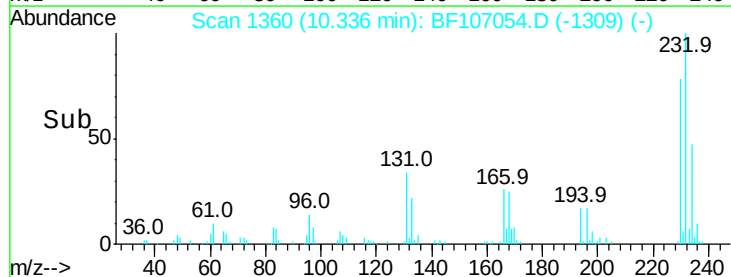
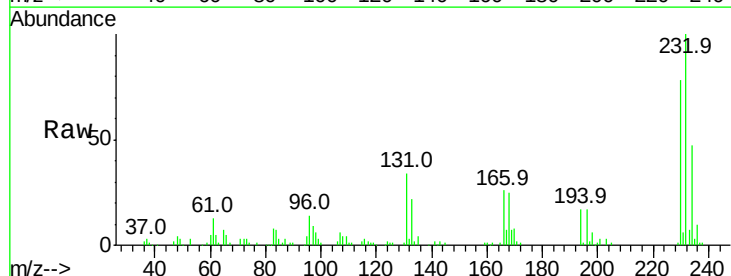
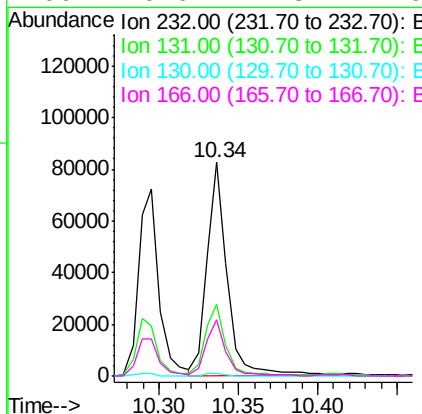
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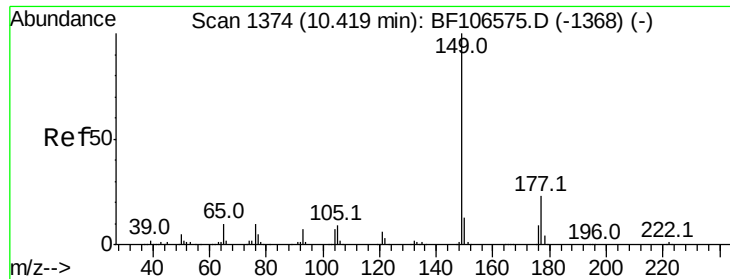
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.006 ng
 RT: 10.34 min Scan# 1360
 Delta R.T. -0.00 min
 Lab File: BF107054.D
 Acq: 2 Jul 2018 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	72250		
131	35.7	43.8	65.8#	
130	1.3	2.1	3.1#	
166	26.6	27.8	41.6#	





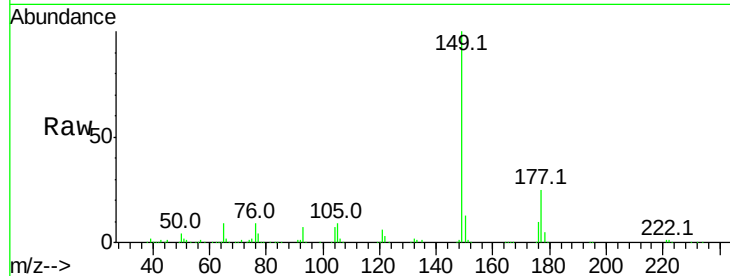
#59
Diethylphthalate
Concen: 40.610 ng
RT: 10.41 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

Instrument :
BNA_F
ClientSampleId :
EPE-106-8(18-20)MS

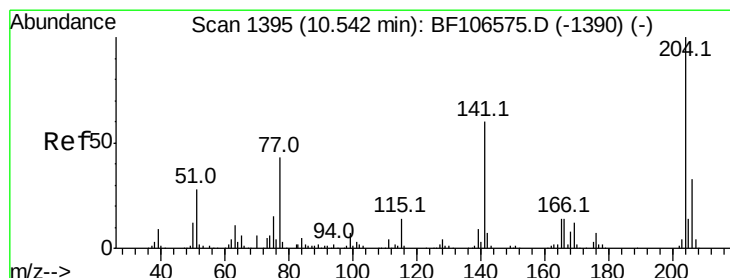
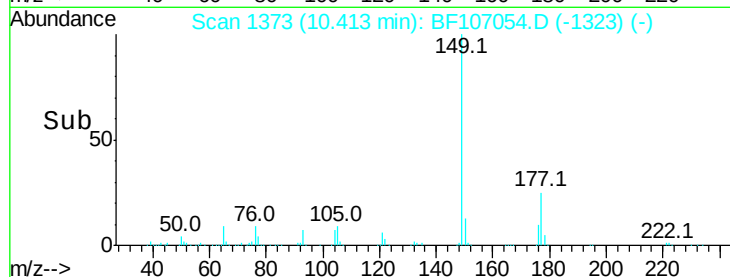
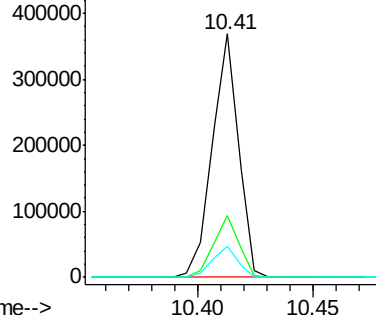
Tot Ion	Ratio	Resp	Lower	Upper
149	100	293253		
177	25.3	16.1	24.1#	
150	12.8	10.1	15.1	

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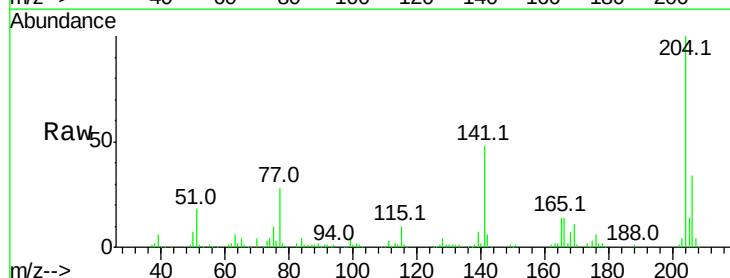


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

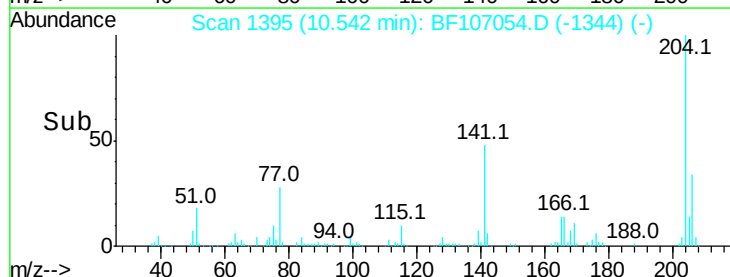
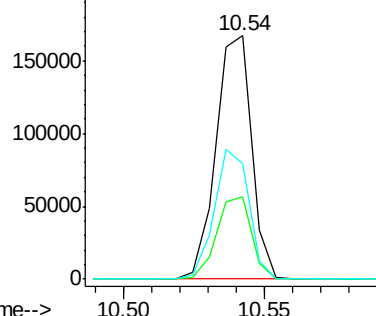


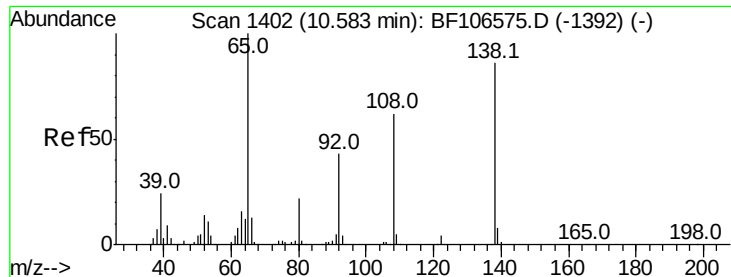
#60
4-Chlorophenyl-phenylether
Concen: 41.429 ng
RT: 10.54 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	146538		
206	34.0	26.5	39.7	
141	47.5	54.6	81.8#	



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 43.187 ng

RT: 10.58 min Scan# 1402

Delta R.T. -0.01 min

Lab File: BF107054.D

Acq: 2 Jul 2018 19:45

Instrument :

BNA_F

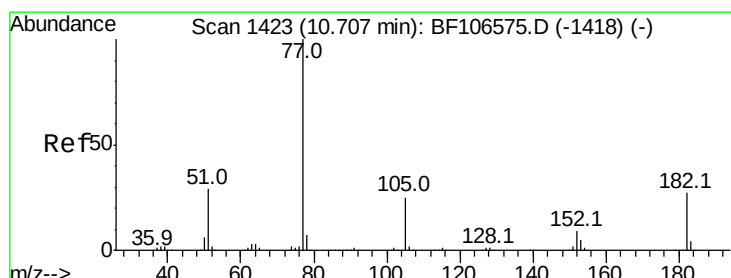
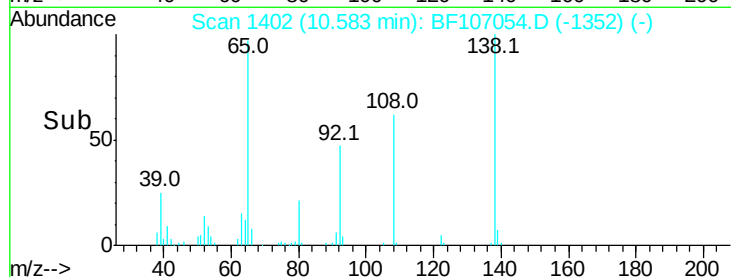
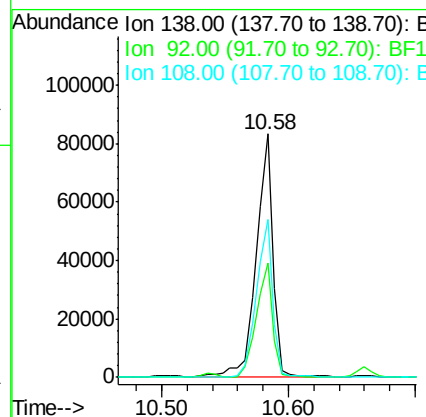
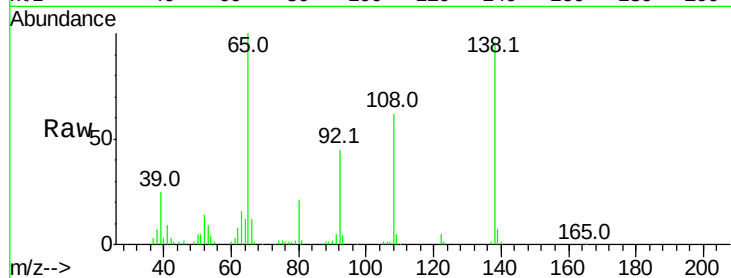
ClientSampleId :

EPE-106-8(18-20)MS

Tot Ion:	138	Resp:	78139
Ion Ratio	Lower	Upper	
138	100		
92	47.2	30.2	70.2
108	64.6	52.5	92.5

Manual Integrations
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Sohil
7/3/2018 5:30:04 PM



#62

Azobenzene

Concen: 34.363 ng

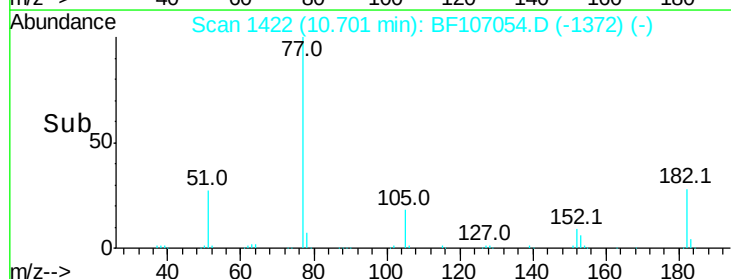
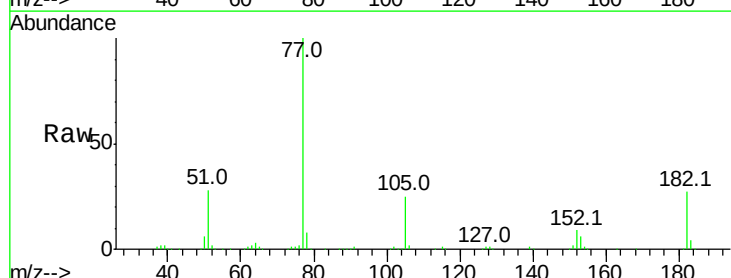
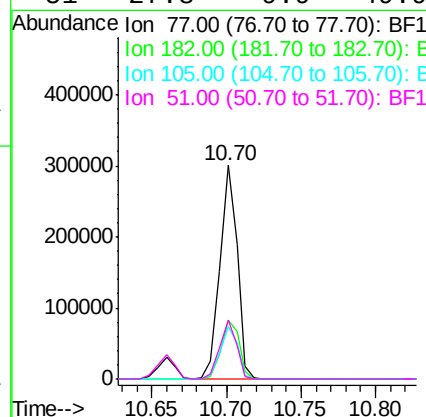
RT: 10.70 min Scan# 1422

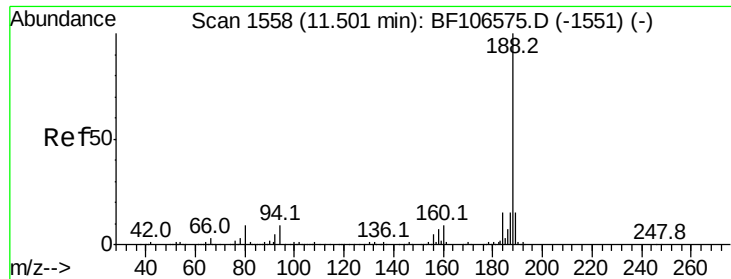
Delta R.T. -0.01 min

Lab File: BF107054.D

Acq: 2 Jul 2018 19:45

Tgt Ion:	77	Resp:	244362
Ion Ratio	Lower	Upper	
77	100		
182	27.3	1.7	41.7
105	24.7	3.0	43.0
51	27.8	9.9	49.9





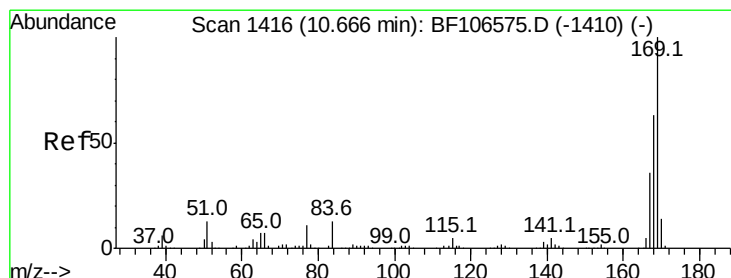
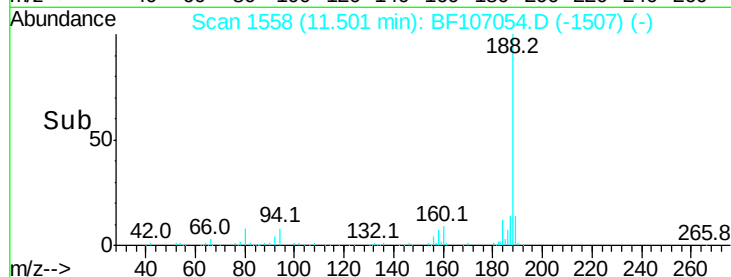
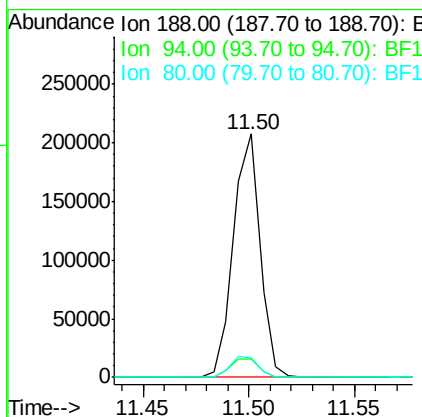
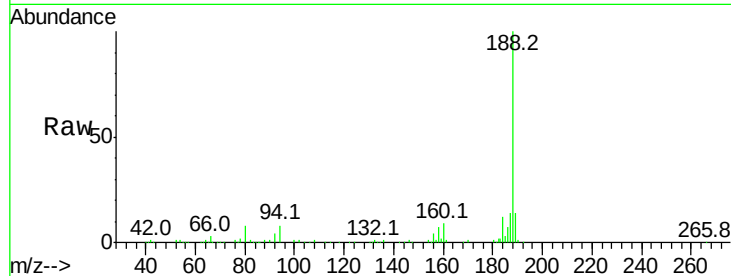
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

Instrument :
BNA_F
ClientSampleId :
EPE-106-8(18-20)MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	7.6	8.5	12.7#	
80	8.2	9.2	13.8#	

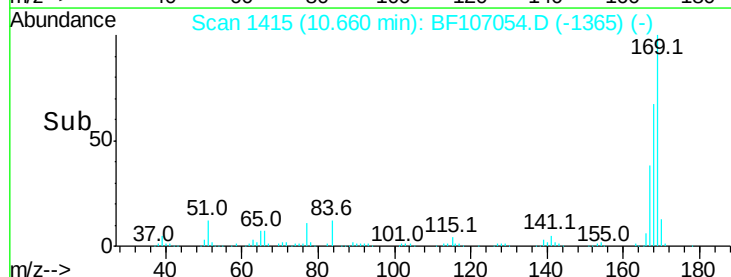
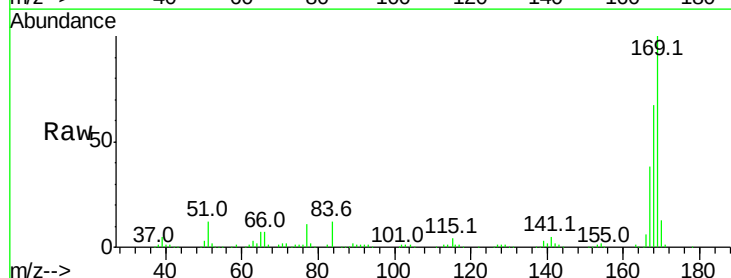
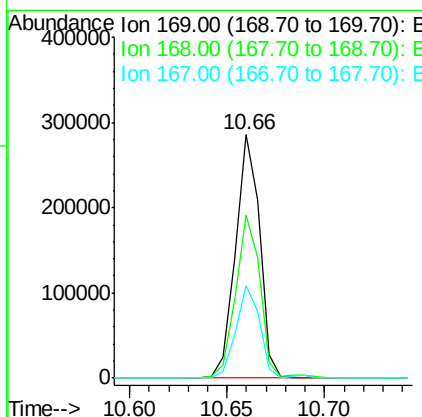
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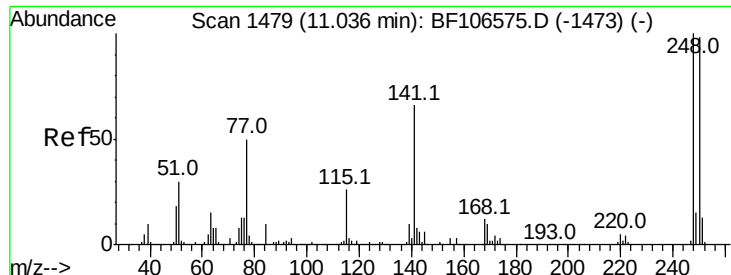
Sohil
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#65
n-Nitrosodiphenylamine
Concen: 40.186 ng
RT: 10.66 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
169	100			
168	67.0	54.4	81.6	
167	37.9	29.8	44.6	





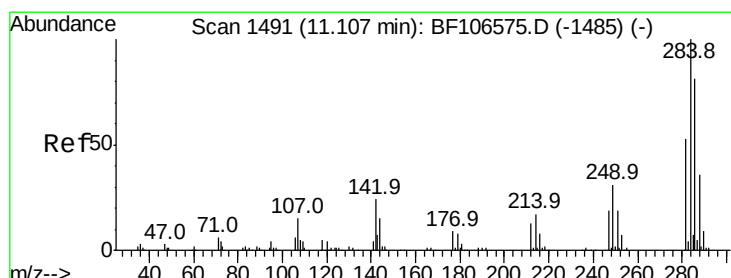
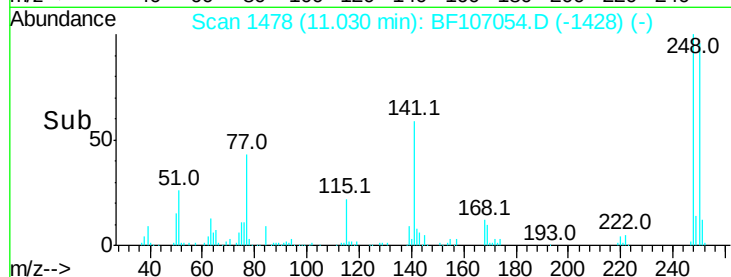
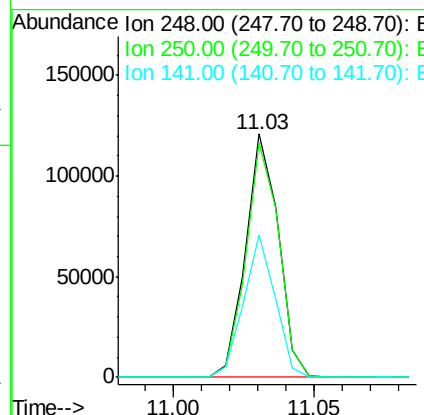
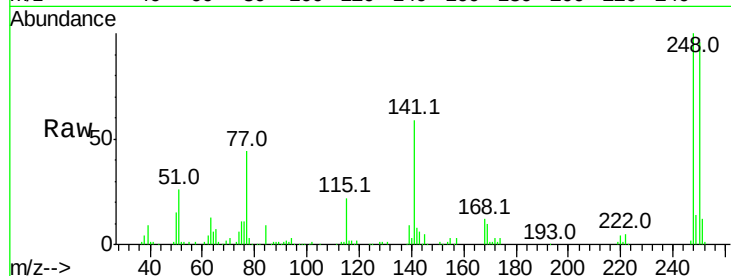
#66
4-Bromophenyl-phenylether
Concen: 45.254 ng
RT: 11.03 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

Instrument :
BNA_F
ClientSampleId :
EPE-106-8(18-20)MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.3	76.9	115.3
141	58.8	74.4	111.6

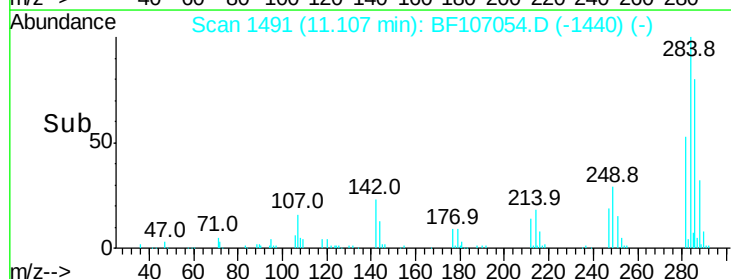
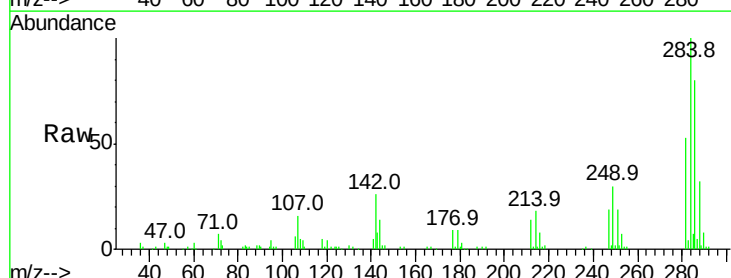
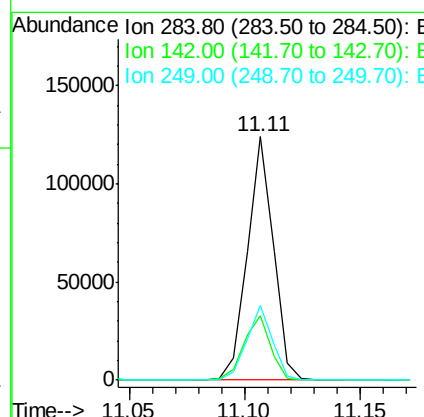
Manual Integrations
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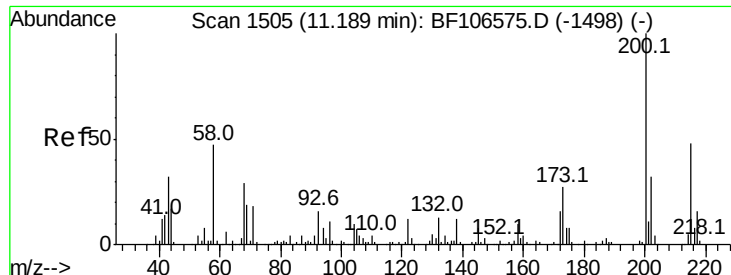
Sohil
7/3/2018 5:30:04 PM



#67
Hexachlorobenzene
Concen: 43.229 ng
RT: 11.11 min Scan# 1491
Delta R.T. -0.00 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.3	34.6	52.0
249	30.5	24.8	37.2





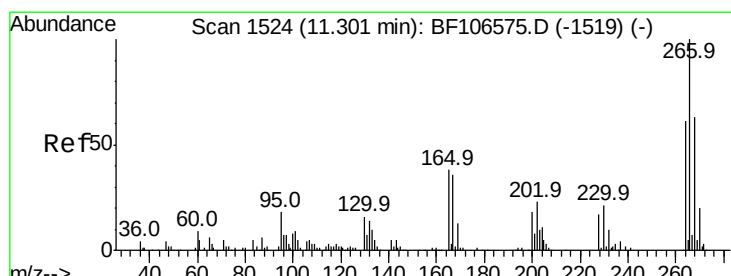
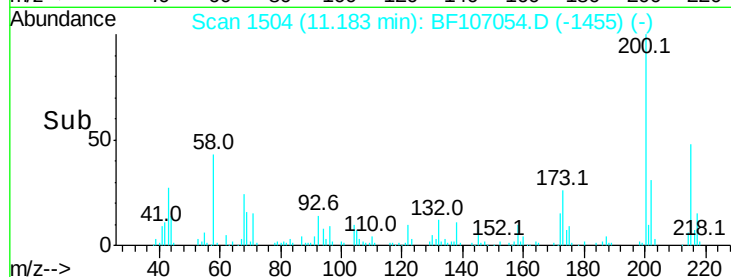
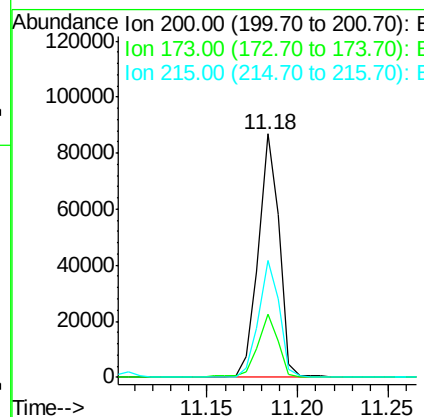
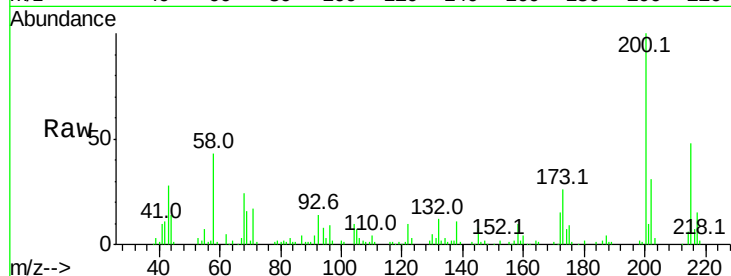
#68
Atrazine
Concen: 36.076 ng
RT: 11.18 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

Instrument :
BNA_F
ClientSampleId :
EPE-106-8(18-20)MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.8	8.6	48.6
215	47.9	25.1	65.1

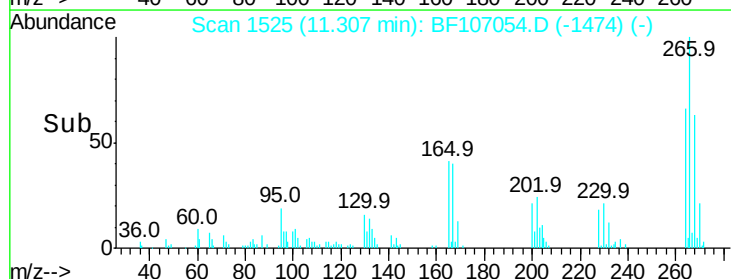
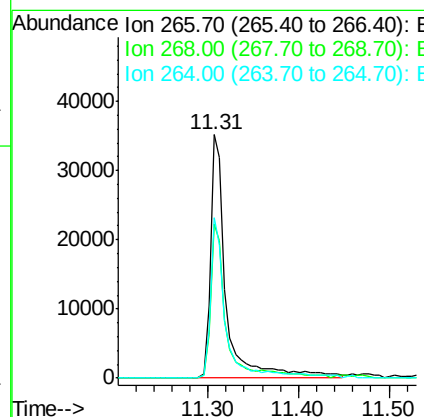
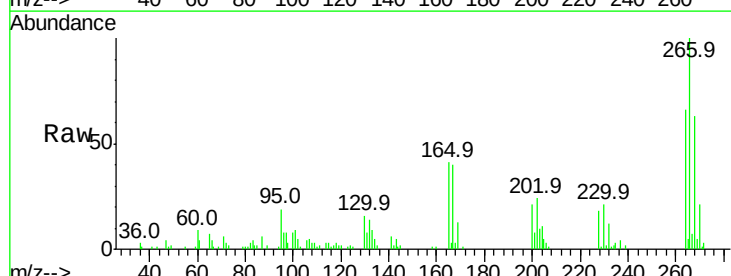
Manual Integrations
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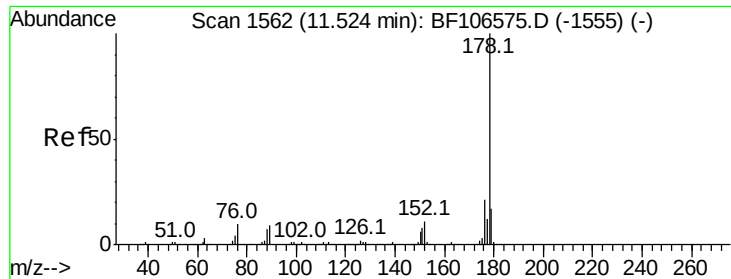
Sohil
7/3/2018 5:30:04 PM



#69
Pentachlorophenol
Concen: 38.690 ng
RT: 11.31 min Scan# 1525
Delta R.T. -0.00 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.1	76.7
264	66.0	49.5	74.3





#70

Phenanthrene

Concen: 43.538 ng

RT: 11.52 min Scan# 1562

Delta R.T. -0.00 min

Lab File: BF107054.D

Acq: 2 Jul 2018 19:45

Instrument :

BNA_F

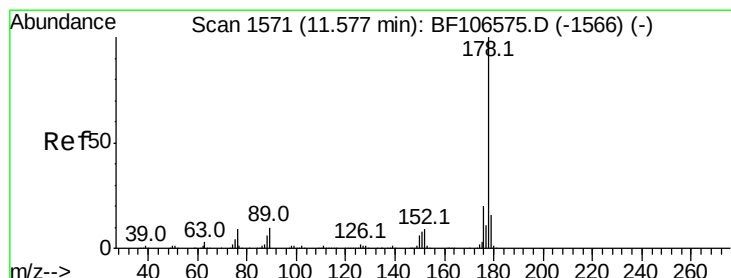
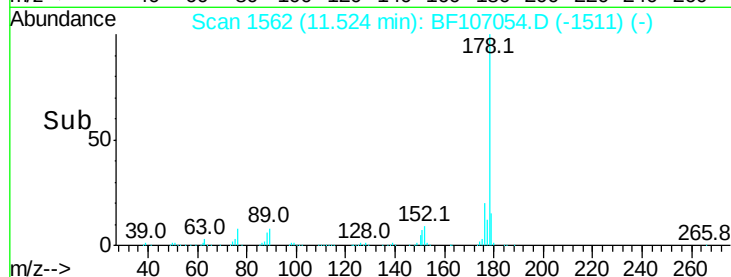
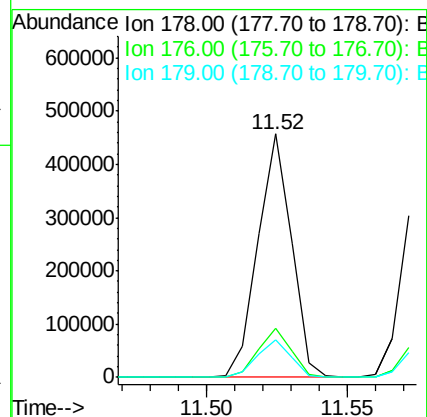
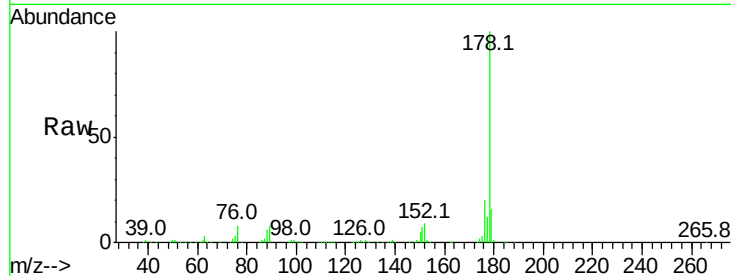
ClientSampleId :

EPE-106-8(18-20)MS

Tot Ion:178	Resp:	378847
Ion Ratio	Lower	Upper
178	100	
176	20.0	15.8 23.8
179	15.5	13.0 19.6

Manual Integrations
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#71

Anthracene

Concen: 44.494 ng

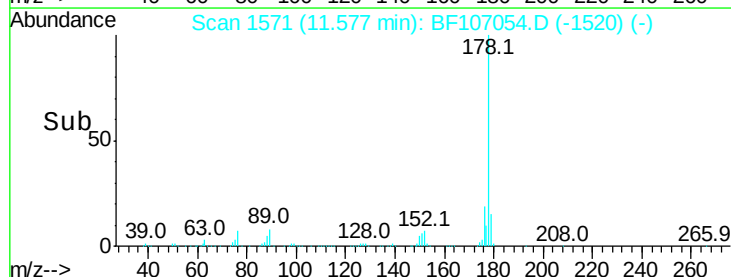
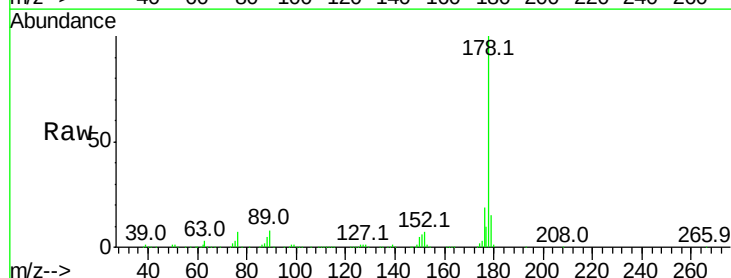
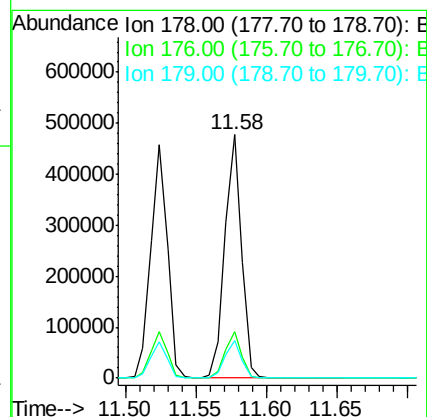
RT: 11.58 min Scan# 1571

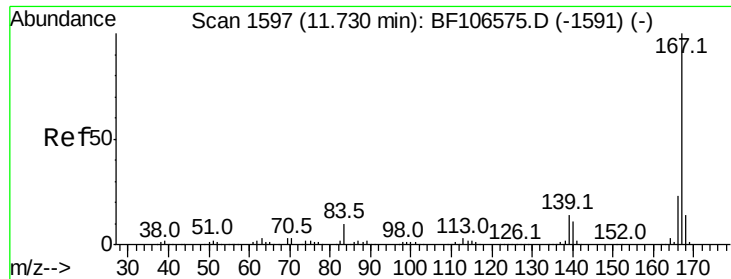
Delta R.T. -0.00 min

Lab File: BF107054.D

Acq: 2 Jul 2018 19:45

Tgt Ion:178	Resp:	395177
Ion Ratio	Lower	Upper
178	100	
176	19.2	15.4 23.2
179	15.2	12.6 19.0





#72

Carbazole

Concen: 41.992 ng

RT: 11.74 min Scan# 1598

Delta R.T. -0.00 min

Lab File: BF107054.D

Acq: 2 Jul 2018 19:45

Instrument :

BNA_F

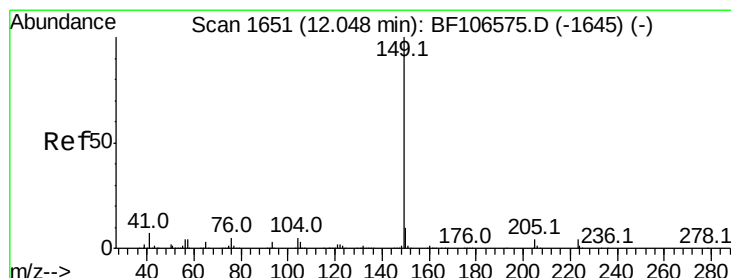
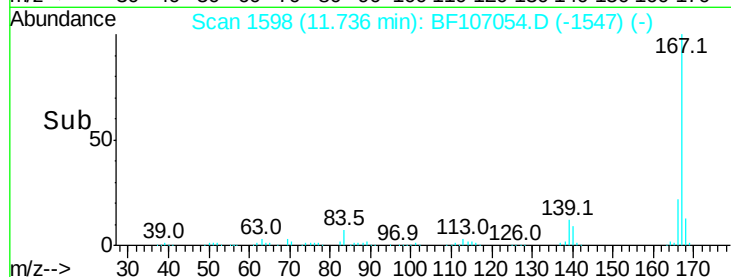
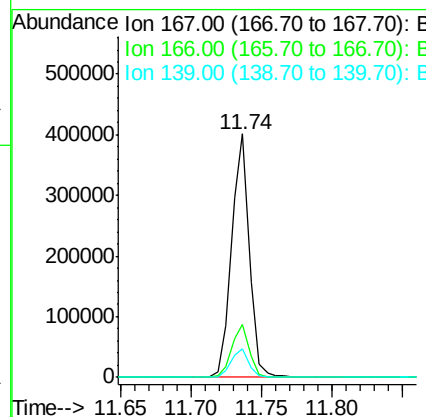
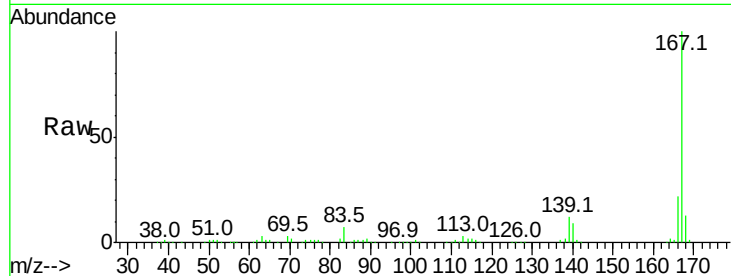
ClientSampleId :

EPE-106-8(18-20)MS

Tot Ion:	167	Resp:	349180
Ion Ratio	Lower	Upper	
167	100		
166	21.9	17.6	26.4
139	11.7	10.9	16.3

Manual Integrations
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#73

Di-n-butylphthalate

Concen: 41.859 ng

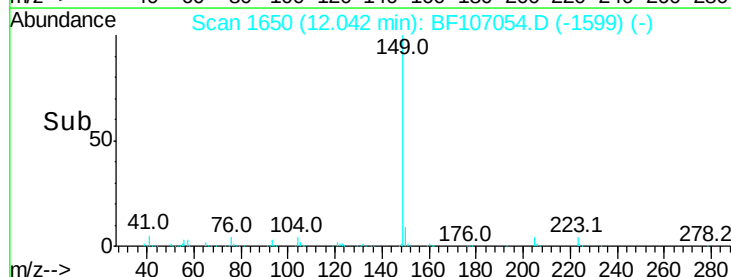
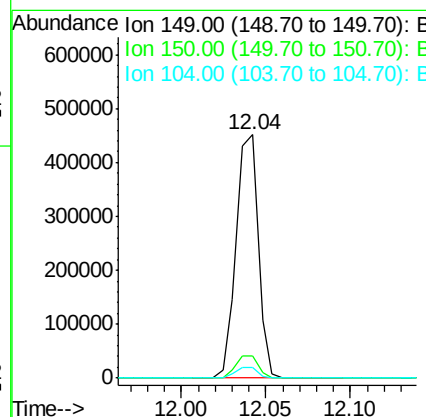
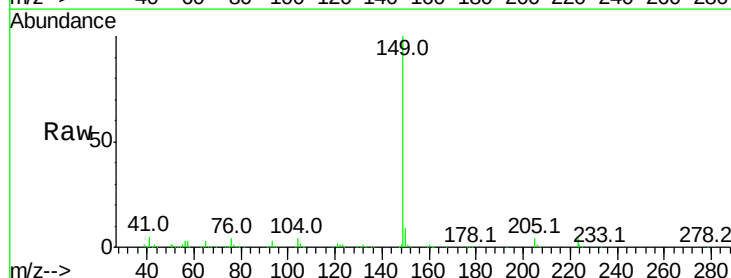
RT: 12.04 min Scan# 1650

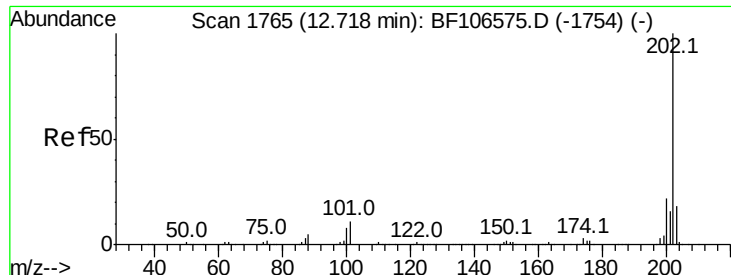
Delta R.T. -0.00 min

Lab File: BF107054.D

Acq: 2 Jul 2018 19:45

Tgt Ion:	149	Resp:	410059
Ion Ratio	Lower	Upper	
149	100		
150	8.9	7.8	11.6
104	4.2	3.8	5.8





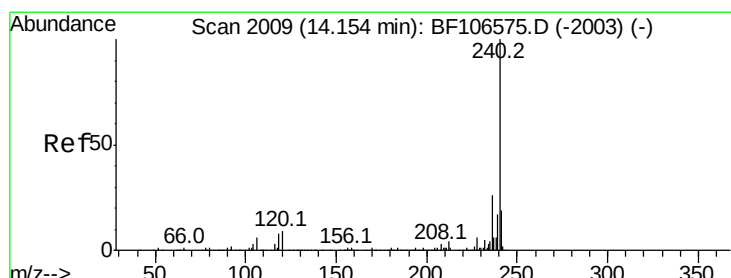
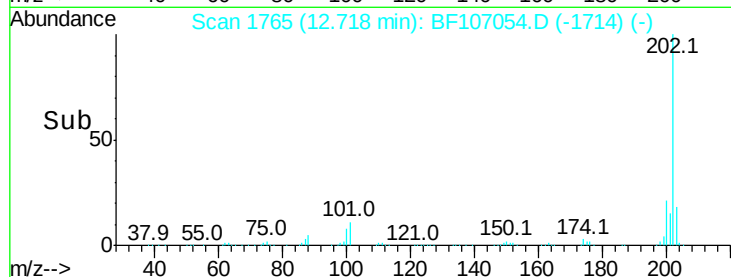
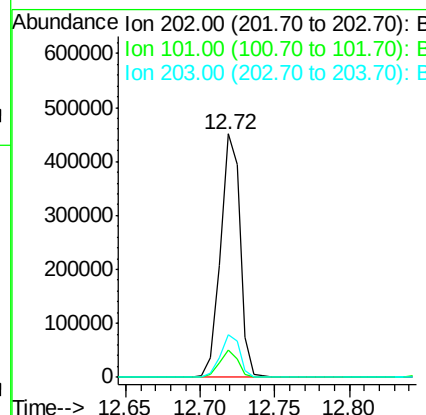
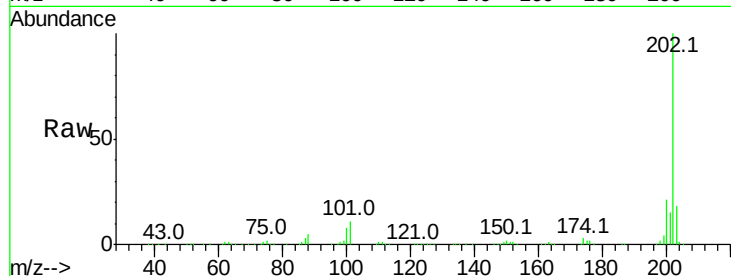
#74
Fluoranthene
 Concen: 43.422 ng
 RT: 12.72 min Scan# 1765
 Delta R.T. -0.00 min
 Lab File: BF107054.D
 Acq: 2 Jul 2018 19:45

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-8(18-20)MS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.2	0.0	34.1
203	17.6	0.0	38.1

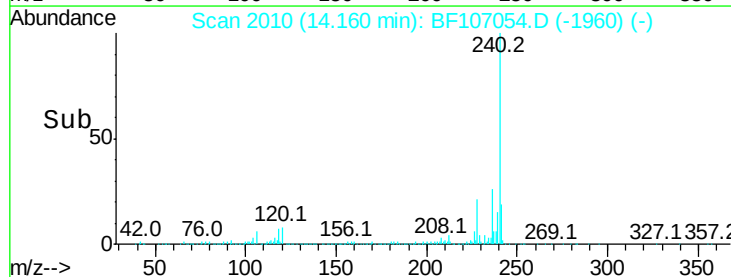
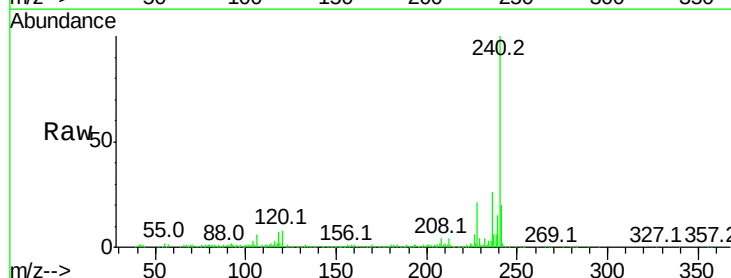
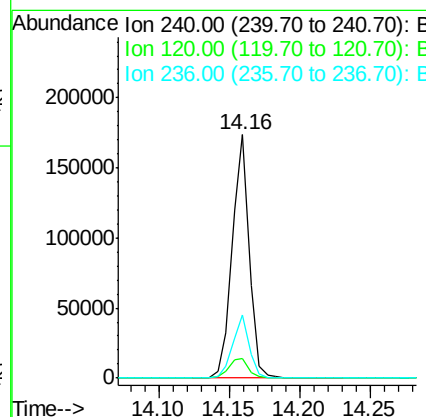
Manual Integrations
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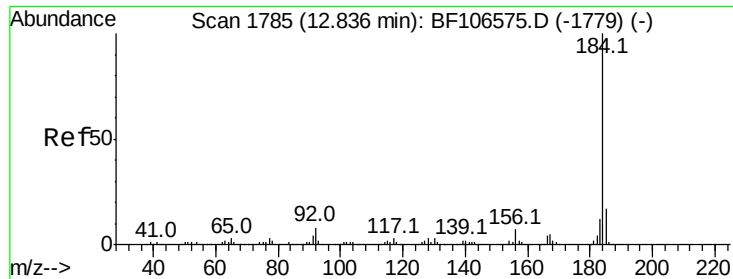
Sohil
 7/3/2018 5:30:04 PM



#75
Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2010
 Delta R.T. -0.01 min
 Lab File: BF107054.D
 Acq: 2 Jul 2018 19:45

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.2	9.5	14.3#
236	25.8	20.7	31.1





#76

Benzidine

Concen: 74.441 ng

RT: 12.84 min Scan# 1786

Delta R.T. 0.01 min

Lab File: BF107054.D

Acq: 2 Jul 2018 19:45

Instrument :

BNA_F

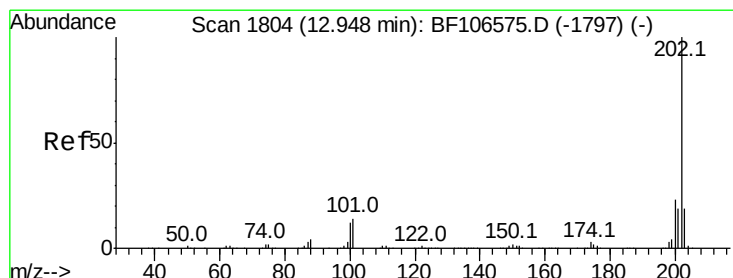
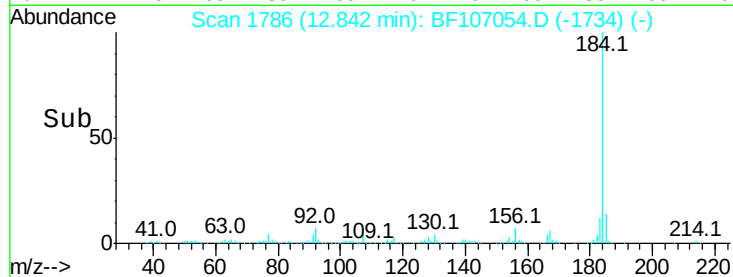
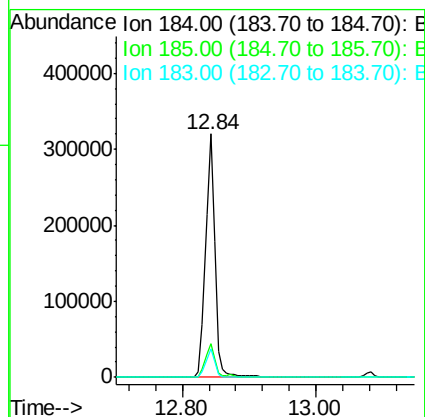
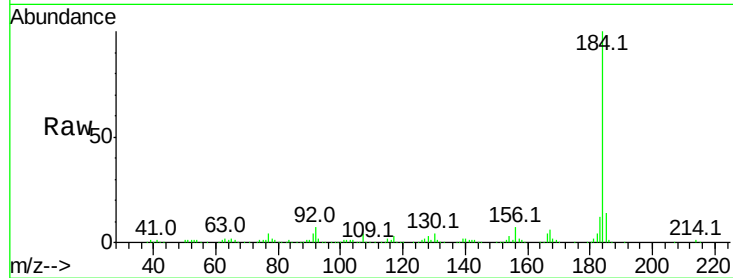
ClientSampleId :

EPE-106-8(18-20)MS

Tot Ion:	184	Resp:	309099
Ion Ratio	Lower	Upper	
184	100		
185	13.9	12.6	18.8
183	11.7	9.3	13.9

Manual Integrations
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7/3/2018 5:30:04 PM



#77

Pyrene

Concen: 42.967 ng

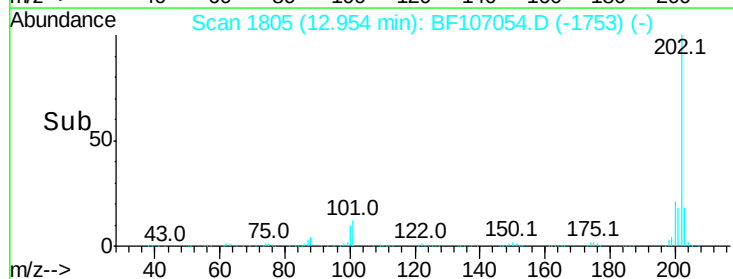
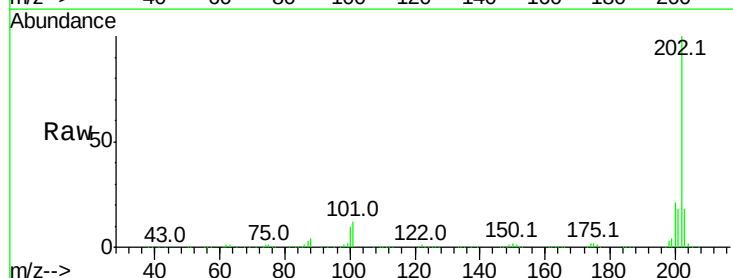
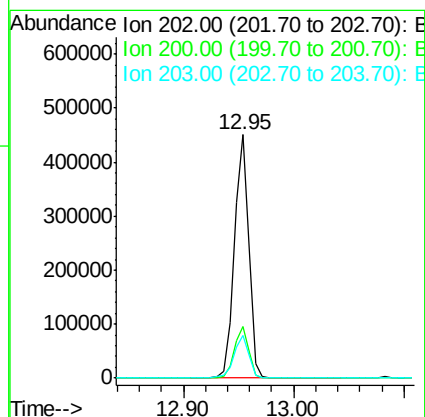
RT: 12.95 min Scan# 1805

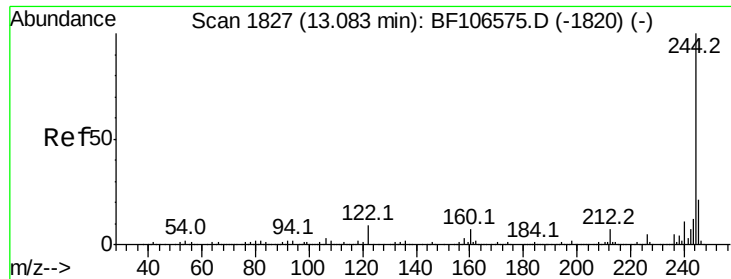
Delta R.T. 0.01 min

Lab File: BF107054.D

Acq: 2 Jul 2018 19:45

Tgt Ion:	202	Resp:	413094
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.4	26.2
203	17.7	14.3	21.5





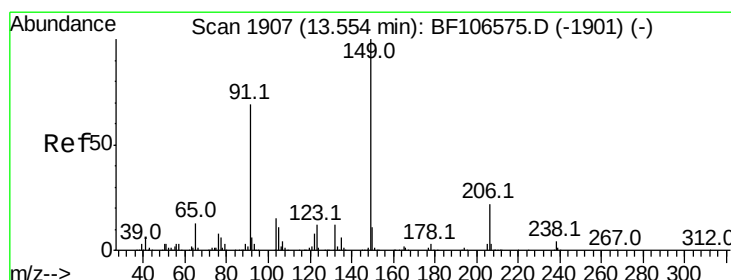
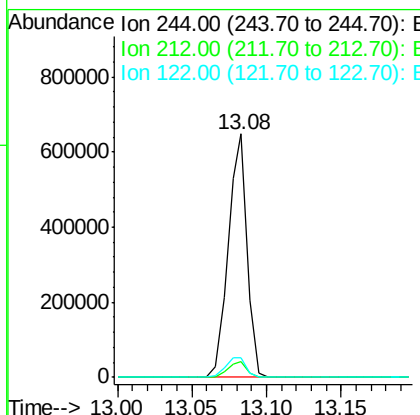
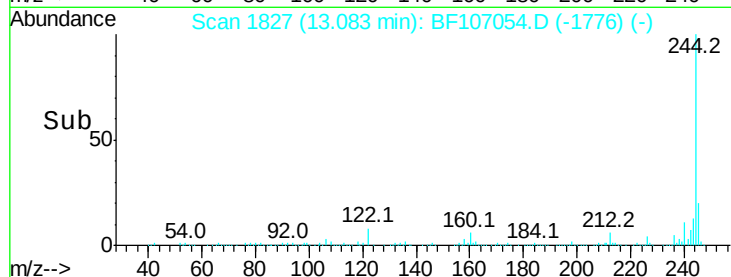
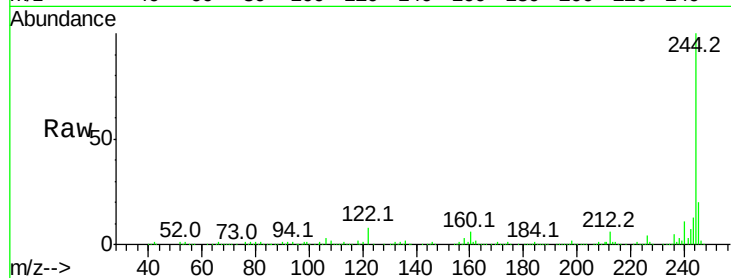
#78
 Terphenyl-d14
 Concen: 96.558 ng
 RT: 13.08 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BF107054.D
 Acq: 2 Jul 2018 19:45

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-8(18-20)MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	8.2	11.0	16.4

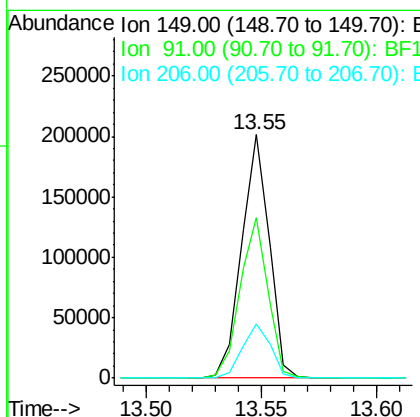
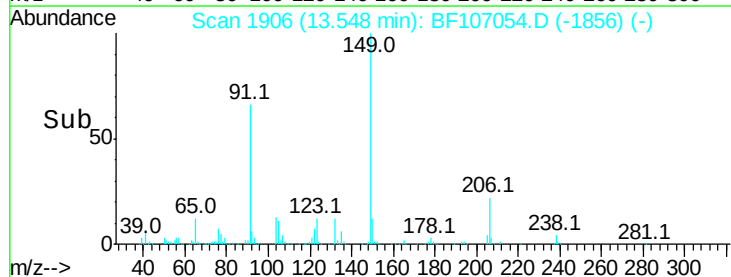
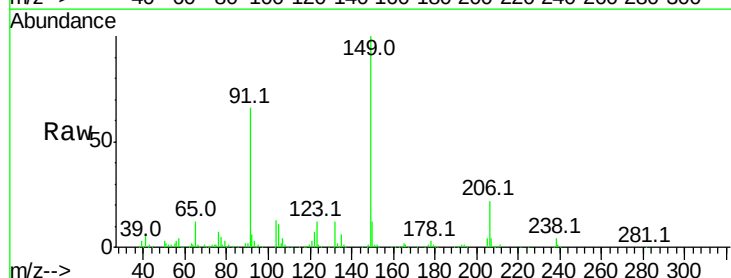
Manual Integrations
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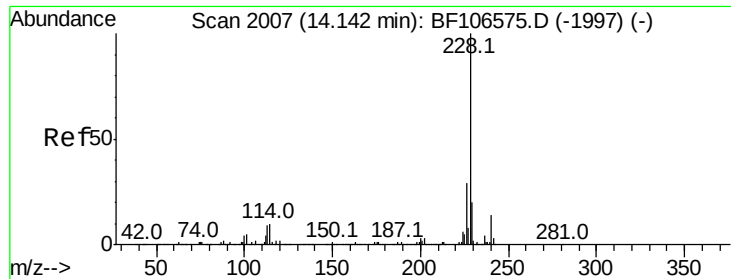
Sohil
 7/3/2018 5:30:04 PM



#79
 Butylbenzylphthalate
 Concen: 42.235 ng
 RT: 13.55 min Scan# 1906
 Delta R.T. -0.01 min
 Lab File: BF107054.D
 Acq: 2 Jul 2018 19:45

Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.8	56.8	85.2
206	22.4	14.1	21.1





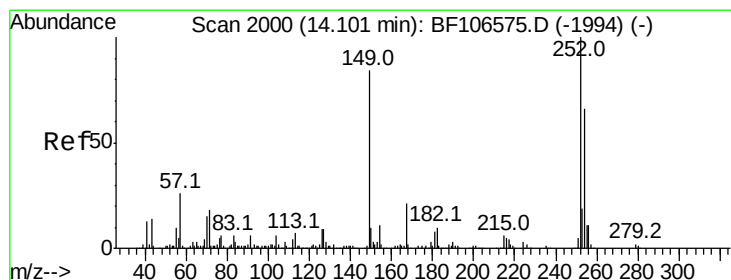
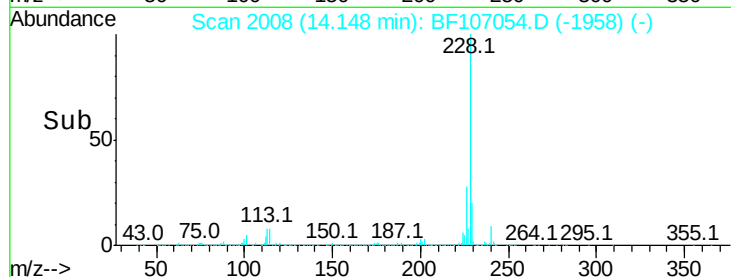
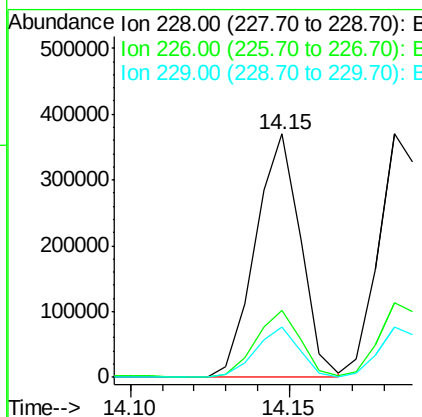
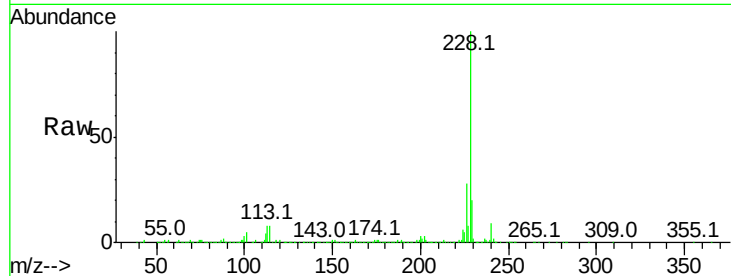
#80
Benzo(a)anthracene
Concen: 41.035 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

Instrument :
BNA_F
ClientSampleId :
EPE-106-8(18-20)MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	20.5	15.8	23.6

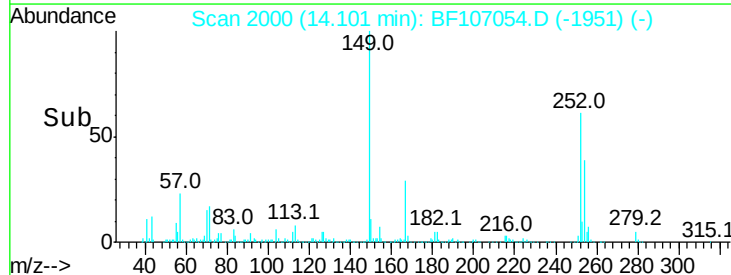
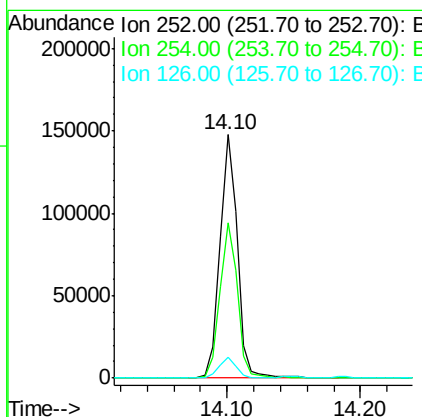
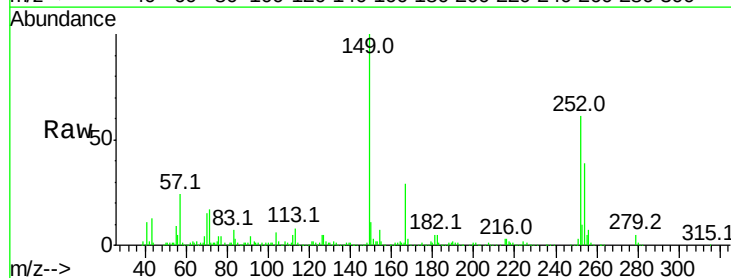
Manual Integrations
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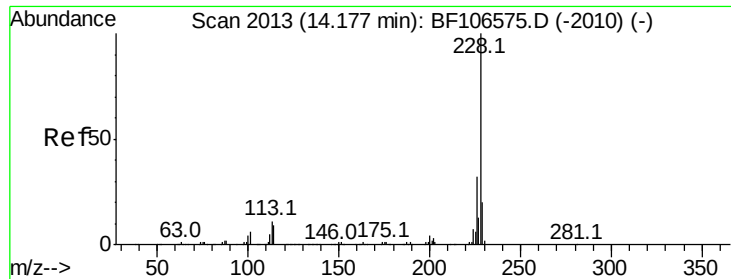
Sohil
7/3/2018 5:30:04 PM



#81
3,3'-Dichlorobenzidine
Concen: 43.953 ng
RT: 14.10 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.8	50.4	75.6
126	8.3	11.3	16.9





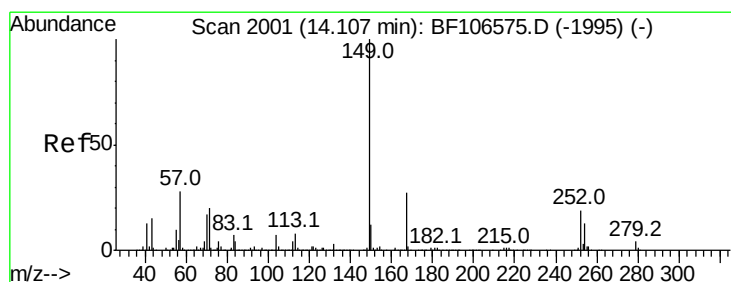
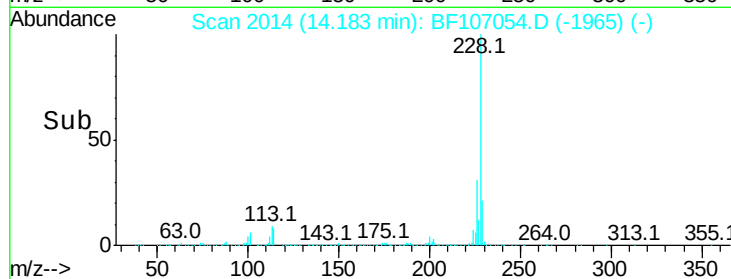
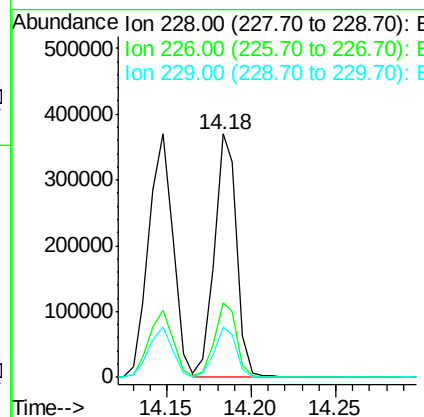
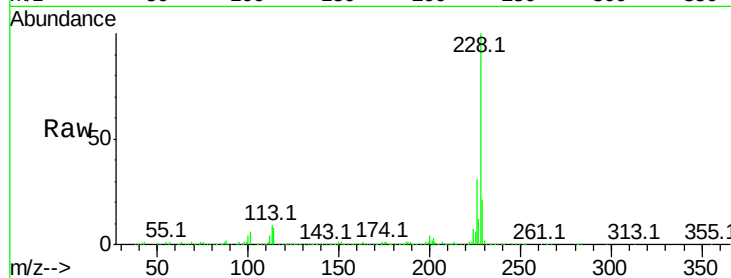
#82
 Chrysene
 Concen: 41.545 ng
 RT: 14.18 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF107054.D
 Acq: 2 Jul 2018 19:45

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-8(18-20)MS

Tot Ion:228	Resp:	339631
Ion Ratio	Lower	Upper
228 100		
226 30.8	25.0	37.6
229 20.6	16.2	24.4

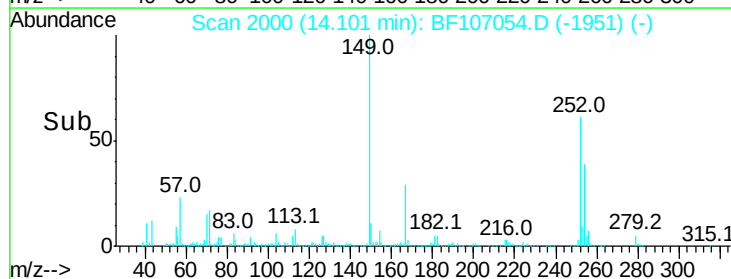
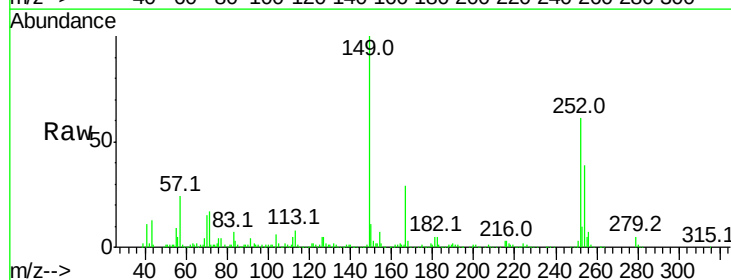
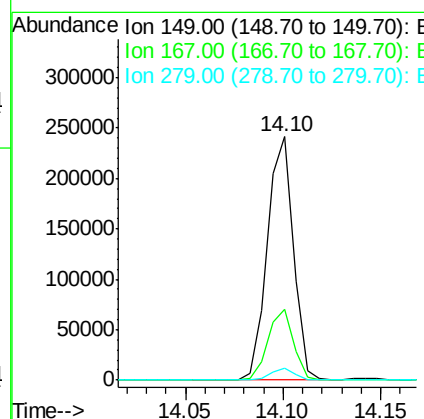
Manual Integrations
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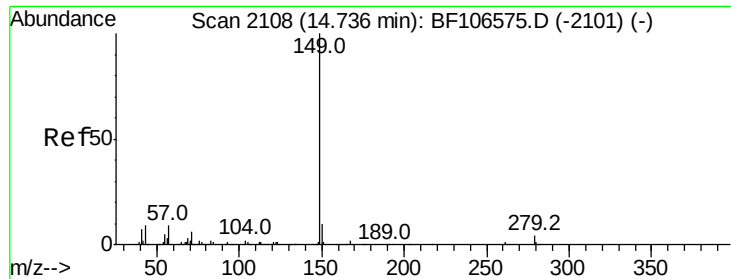
Sohil
 7/3/2018 5:30:04 PM



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.878 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF107054.D
 Acq: 2 Jul 2018 19:45

Tgt Ion:149	Resp:	221746
Ion Ratio	Lower	Upper
149 100		
167 29.2	21.3	31.9
279 4.8	3.0	4.4#





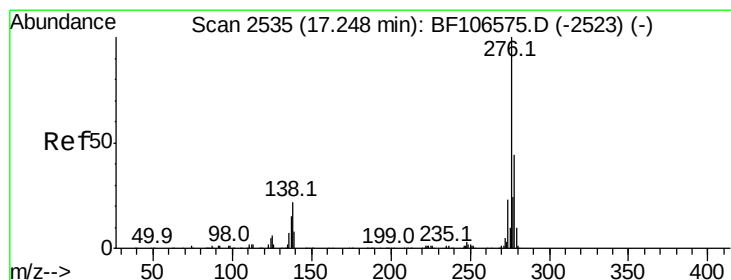
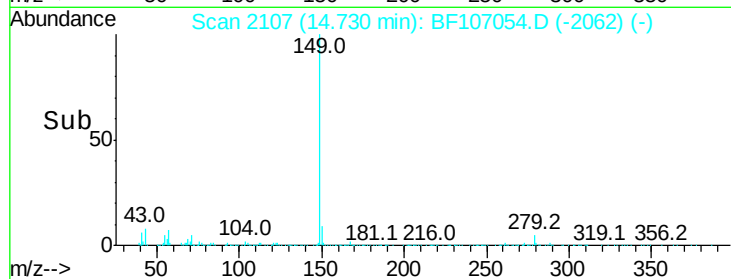
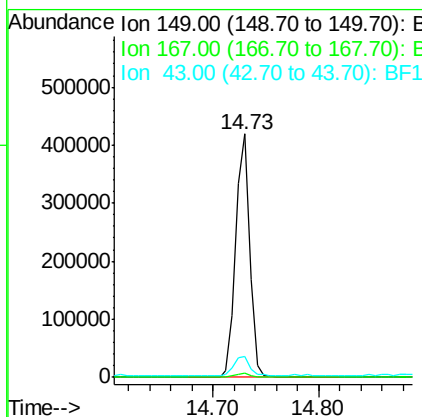
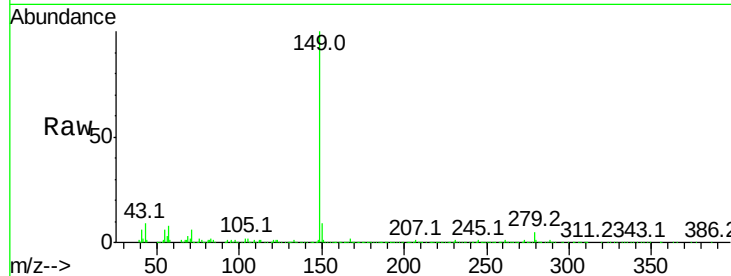
#84
Di-n-octyl phthalate
Concen: 45.577 ng
RT: 14.73 min Scan# 2107
Delta R.T. -0.04 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

Instrument :
BNA_F
ClientSampleId :
EPE-106-8(18-20)MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	375454		
167	1.6	1.2	1.8	
43	8.5	8.4	12.6	

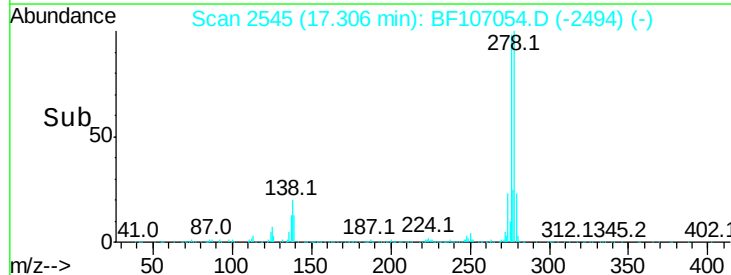
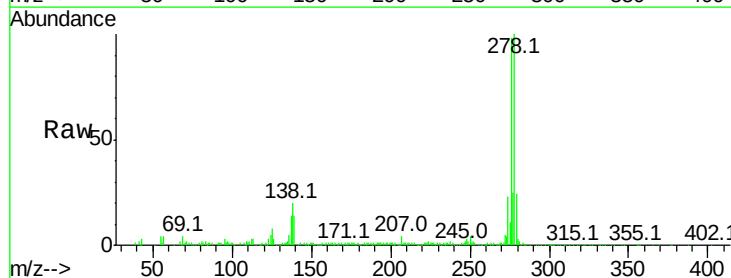
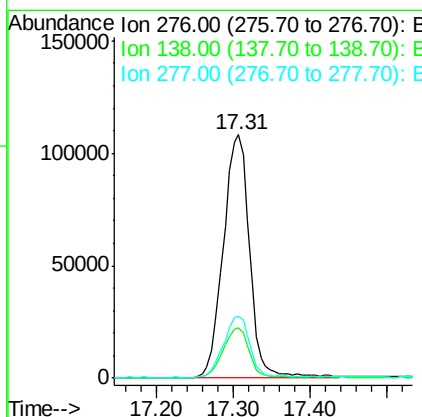
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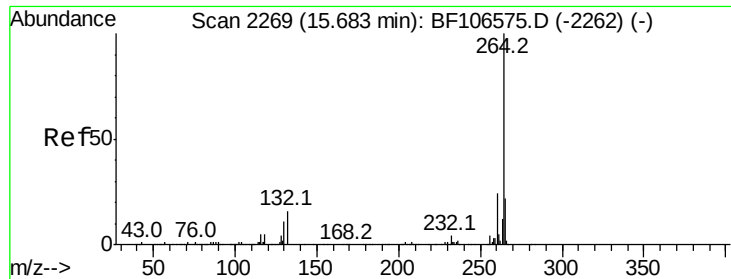
Sohil
7/3/2018 5:30:04 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 37.383 ng
RT: 17.31 min Scan# 2545
Delta R.T. -0.00 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	259345		
138	21.0	25.0	37.6#	
277	25.4	20.1	30.1	





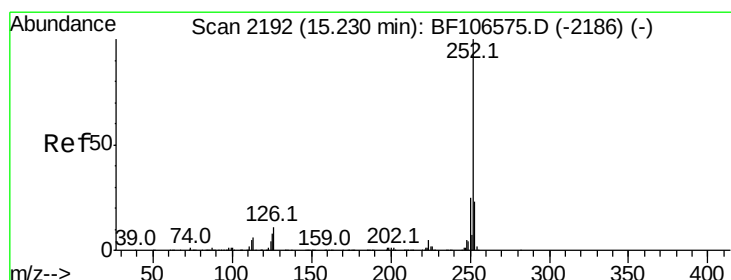
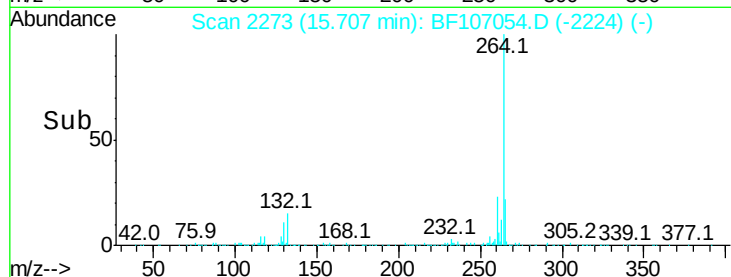
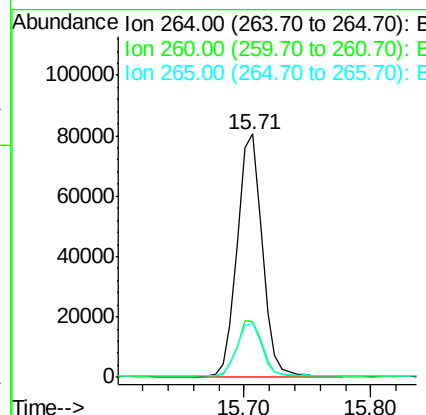
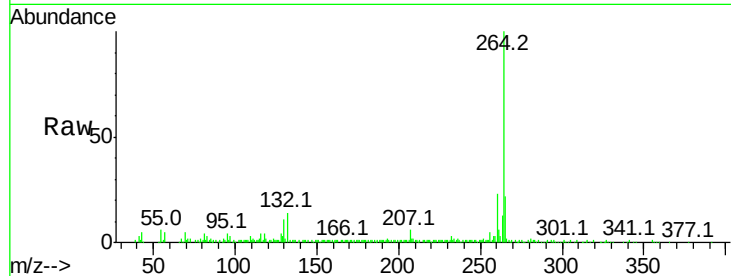
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

Instrument :
BNA_F
ClientSampleId :
EPE-106-8(18-20)MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	22.1	17.5	26.3

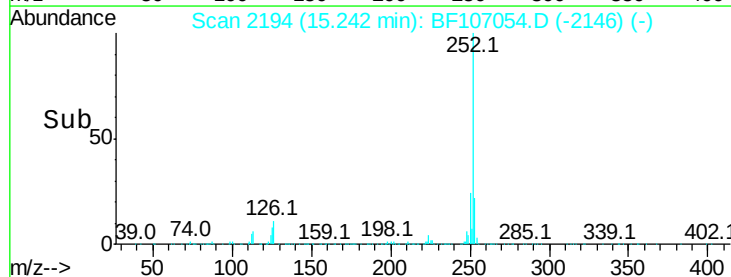
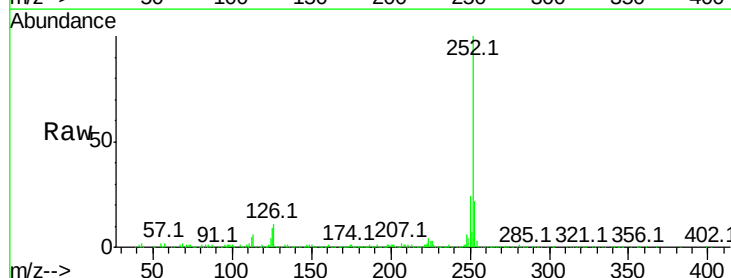
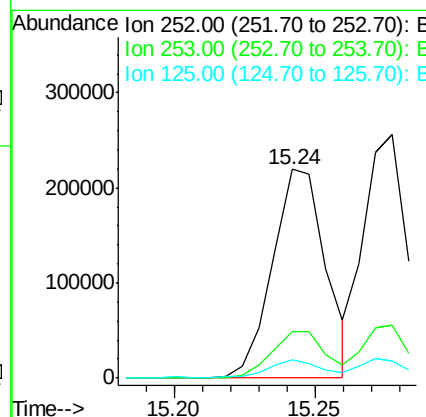
Manual Integrations
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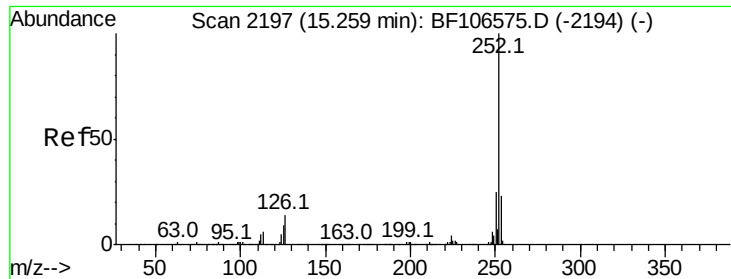
Sohil
7/3/2018 5:30:04 PM



#87
Benzo(b)fluoranthene
Concen: 41.679 ng
RT: 15.24 min Scan# 2194
Delta R.T. -0.02 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	8.7	9.0	13.6#





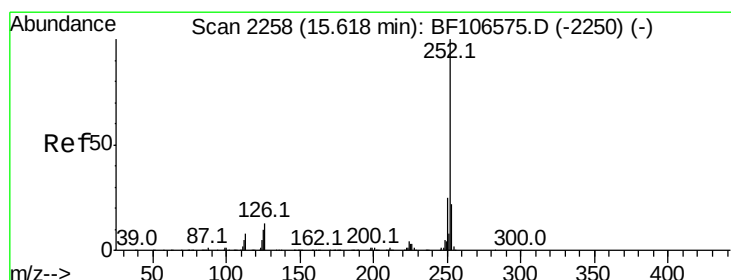
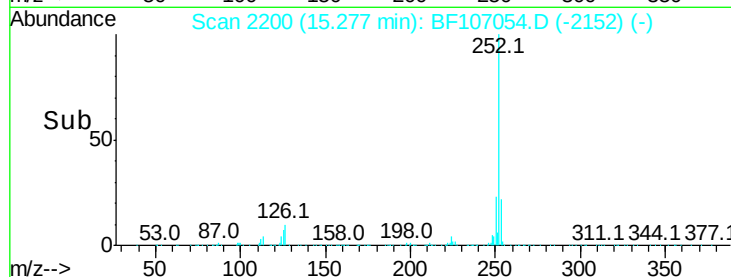
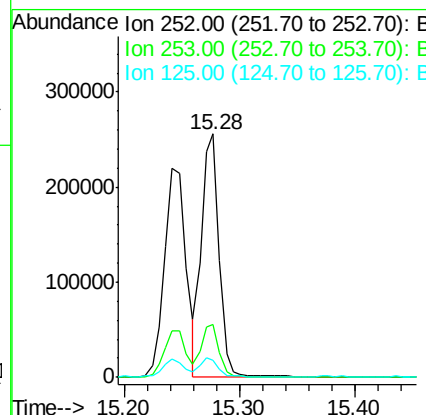
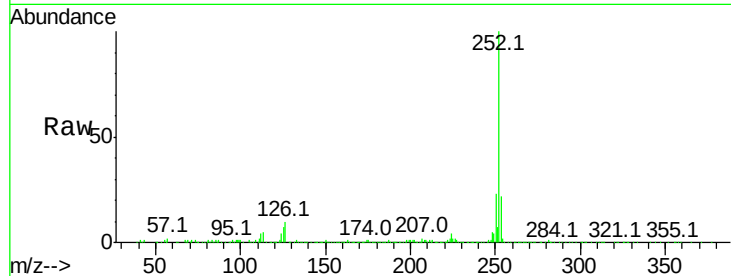
#88
Benzo(k)fluoranthene
Concen: 42.081 ng
RT: 15.28 min Scan# 2200
Delta R.T. -0.02 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

Instrument :
BNA_F
ClientSampleId :
EPE-106-8(18-20)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	7.0	10.2	15.2

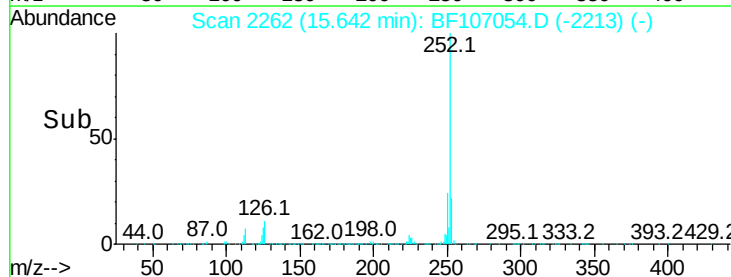
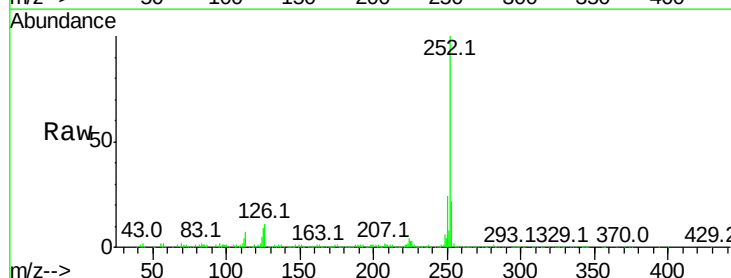
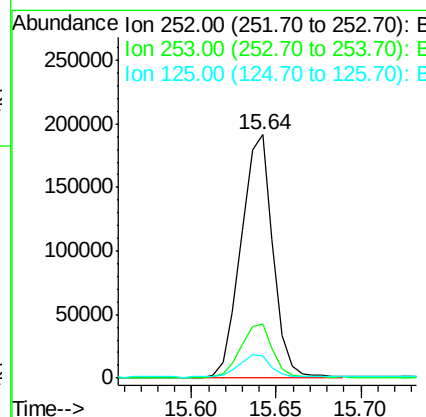
Manual Integrations
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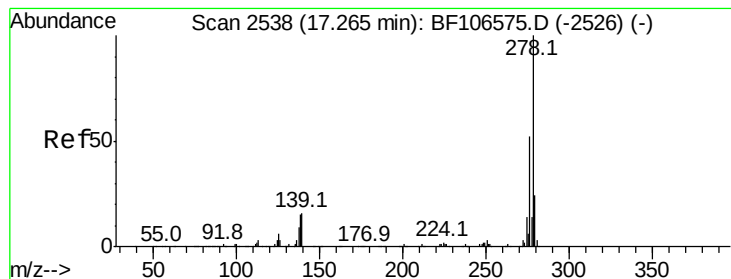
Sohil
7/3/2018 5:30:04 PM



#89
Benzo(a)pyrene
Concen: 41.109 ng
RT: 15.64 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	9.0	9.8	14.6





#90

Dibenzo(a,h)anthracene

Concen: 42.920 ng

RT: 17.31 min Scan# 2546

Delta R.T. -0.01 min

Lab File: BF107054.D

Acq: 2 Jul 2018 19:45

Instrument :

BNA_F

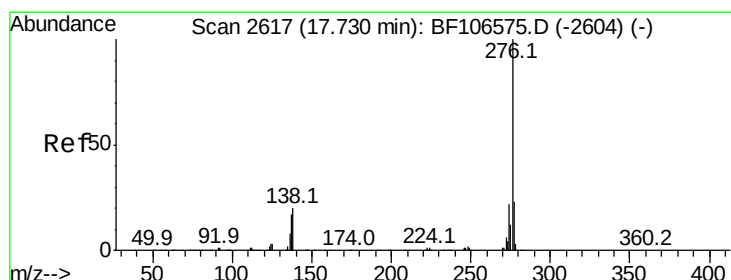
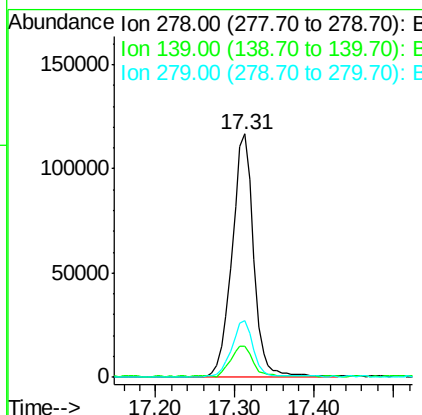
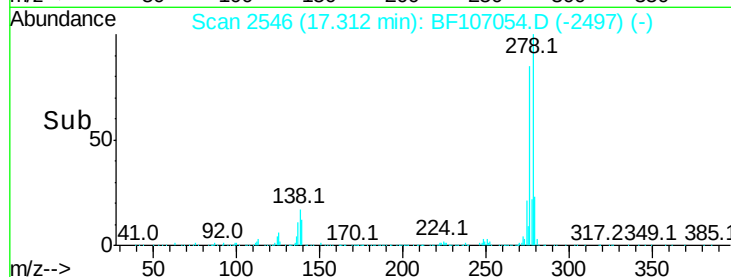
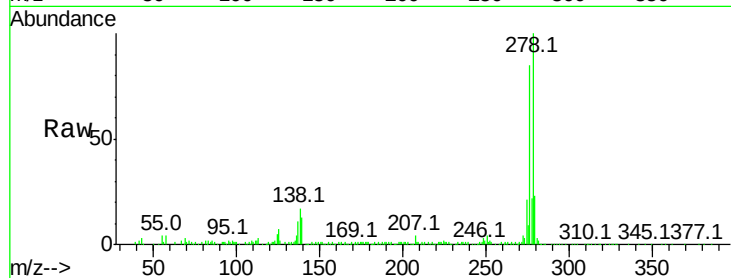
ClientSampleId :

EPE-106-8(18-20)MS

Tot Ion:	278	Resp:	222292
Ion Ratio	Lower	Upper	
278	100		
139	12.7	15.9	23.9#
279	23.4	19.0	28.4

Manual Integrations
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Sohil
7/3/2018 5:30:04 PM



#91

Benzo(g,h,i)perylene

Concen: 41.251 ng

RT: 17.79 min Scan# 2628

Delta R.T. 0.01 min

Lab File: BF107054.D

Acq: 2 Jul 2018 19:45

Tgt Ion:	276	Resp:	208824
Ion Ratio	Lower	Upper	
276	100		
277	24.1	17.9	26.9
138	17.8	21.8	32.8#

