

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070218\
 Data File : BF107055.D
 Acq On : 2 Jul 2018 20:12
 Operator : JU/SJ
 Sample : J3732-03MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Sohil
 7/3/2018 5:30:07 PM

Quant Time: Jul 03 02:01:11 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	63045	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	228119	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	104298	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	184347	20.00	ng	0.00
75) Chrysene-d12	14.16	240	151811	20.00	ng	0.00
86) Perylene-d12	15.71	264	115712	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	421341	113.17	ng	0.00
7) Phenol-d6	6.61	99	518313	111.48	ng	0.00
23) Nitrobenzene-d5	7.53	82	313344	76.34	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	144601	119.62	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	556838	91.49	ng	0.00
78) Terphenyl-d14	13.08	244	600104	95.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.83	88	52552	27.455	ng	98
3) Pyridine	3.62	79	157309	30.303	ng	97
4) n-Nitrosodimethylamine	3.58	42	68146	30.907	ng	83
6) Aniline	6.63	93	158544	25.138	ng	# 48
8) 2-Chlorophenol	6.76	128	158621	38.843	ng	94
9) Benzaldehyde	6.52	77	91531	26.353	ng	93
10) Phenol	6.62	94	193928	36.547	ng	73
11) bis(2-Chloroethyl)ether	6.70	93	159094	36.318	ng	98
12) 1,3-Dichlorobenzene	6.90	146	181289	37.904	ng	97
13) 1,4-Dichlorobenzene	6.98	146	179776	37.179	ng	98
14) 1,2-Dichlorobenzene	7.13	146	171036	38.595	ng	98
15) Benzyl Alcohol	7.11	79	127397	34.124	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	213887	37.214	ng	# 41
17) 2-Methylphenol	7.22	107	133670	38.250	ng	# 90
18) Hexachloroethane	7.47	117	39231	23.071	ng	# 87
19) n-Nitroso-di-n-propylamine	7.37	70	110493	36.052	ng	92
20) 3+4-Methylphenols	7.38	107	173585	46.426	ng	95
22) Acetophenone	7.37	105	217632	42.643	ng	# 99
24) Nitrobenzene	7.55	77	164071	39.150	ng	97
25) Isophorone	7.78	82	301888	41.736	ng	99
26) 2-Nitrophenol	7.86	139	48390	24.460	ng	96
27) 2,4-Dimethylphenol	7.90	122	143794	47.024	ng	98
28) bis(2-Chloroethoxy)methane	7.98	93	196127	40.384	ng	99
29) 2,4-Dichlorophenol	8.11	162	138364	43.220	ng	91
30) 1,2,4-Trichlorobenzene	8.18	180	152647	43.283	ng	98
31) Naphthalene	8.27	128	433651	40.660	ng	99
32) Benzoic acid	8.06	122	5368m	7.856	ng	
33) 4-Chloroaniline	8.32	127	112587	25.159	ng	99
34) Hexachlorobutadiene	8.37	225	99858	43.454	ng	99
35) Caprolactam	8.69	113	40316	38.633	ng	96
36) 4-Chloro-3-methylphenol	8.81	107	136106	40.391	ng	99
37) 2-Methylnaphthalene	8.96	142	314600	44.503	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	164707	46.893	ng	# 95
42) 2,4,6-Trichlorophenol	9.24	196	91421	39.156	ng	93

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070218\
 Data File : BF107055.D
 Acq On : 2 Jul 2018 20:12
 Operator : JU/SJ
 Sample : J3732-03MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

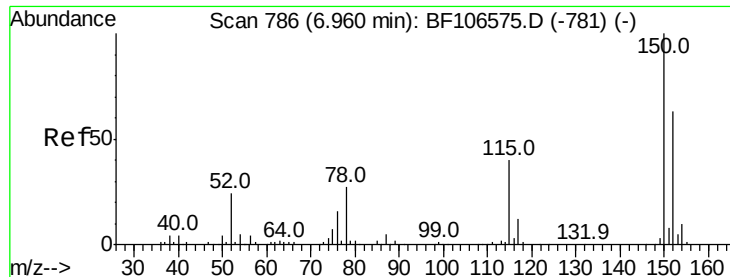
Sohil
 7/3/2018 5:30:07 PM

Quant Time: Jul 03 02:01:11 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)

43) 2,4,5-Trichlorophenol	9.30	196	90906	37.314	ng	# 89
45) 1,1'-Biphenyl	9.42	154	374691	45.078	ng	98
46) 2-Chloronaphthalene	9.45	162	267173	40.835	ng	97
47) 2-Nitroaniline	9.55	65	85862	39.026	ng	99
48) Acenaphthylene	9.87	152	415370	40.211	ng	99
49) Dimethylphthalate	9.71	163	397381	50.800	ng	98
50) 2,6-Dinitrotoluene	9.79	165	56366	34.028	ng	88
51) Acenaphthene	10.04	154	247177	38.000	ng	98
52) 3-Nitroaniline	9.97	138	81838	42.934	ng	98
54) Dibenzofuran	10.21	168	374292	42.022	ng	94
55) 4-Nitrophenol	10.15	139	60064	45.144	ng	97
56) 2,4-Dinitrotoluene	10.20	165	63973	29.588	ng	90
57) Fluorene	10.55	166	292326	41.359	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.34	232	76351	39.425	ng	# 77
59) Diethylphthalate	10.41	149	306838	40.641	ng	# 94
60) 4-Chlorophenyl-phenylether	10.54	204	156232	42.246	ng	# 82
61) 4-Nitroaniline	10.58	138	78578	41.538	ng	95
62) Azobenzene	10.70	77	259600	34.916	ng	94
65) n-Nitrosodiphenylamine	10.66	169	256237	41.325	ng	100
66) 4-Bromophenyl-phenylether	11.03	248	102755	46.705	ng	# 82
67) Hexachlorobenzene	11.11	284	101323	44.002	ng	# 85
68) Atrazine	11.18	200	72702	36.883	ng	94
69) Pentachlorophenol	11.31	266	45703	39.778	ng	97
70) Phenanthrene	11.52	178	392222	44.112	ng	98
71) Anthracene	11.58	178	406975	44.843	ng	99
72) Carbazole	11.74	167	361306	42.522	ng	98
73) Di-n-butylphthalate	12.04	149	423602	42.317	ng	99
74) Fluoranthene	12.72	202	432686	44.151	ng	96
76) Benzidine	12.84	184	319855	73.980	ng	98
77) Pyrene	12.95	202	426555	42.609	ng	99
79) Butylbenzylphthalate	13.55	149	171364	41.634	ng	# 92
80) Benzo(a)anthracene	14.15	228	382989	41.393	ng	99
81) 3,3'-Dichlorobenzidine	14.10	252	142264	43.749	ng	# 97
82) Chrysene	14.19	228	356014	41.824	ng	98
83) Bis(2-ethylhexyl)phthalate	14.10	149	228885	43.496	ng	# 97
84) Di-n-octyl phthalate	14.73	149	395017	46.053	ng	96
85) Indeno(1,2,3-cd)pyrene	17.31	276	267811	37.074	ng	# 90
87) Benzo(b)fluoranthene	15.25	252	304326	42.338	ng	# 96
88) Benzo(k)fluoranthene	15.28	252	297108	43.405	ng	# 95
89) Benzo(a)pyrene	15.64	252	275296	43.083	ng	# 96
90) Dibenzo(a,h)anthracene	17.31	278	229842	42.442	ng	# 93
91) Benzo(g,h,i)perylene	17.79	276	222021	41.945	ng	# 88

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



#1

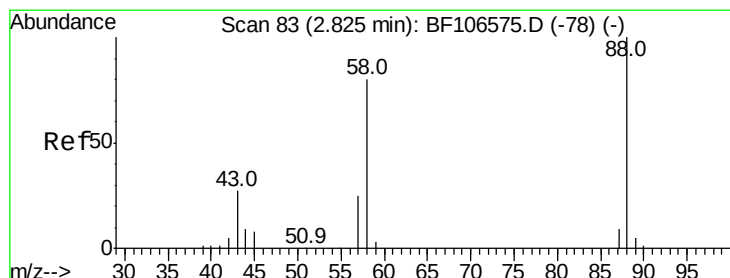
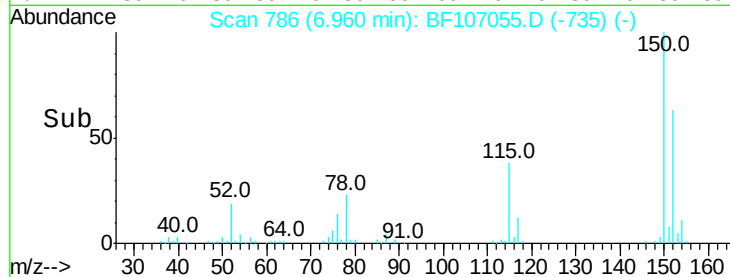
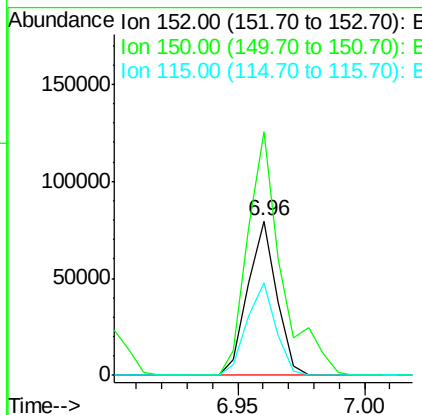
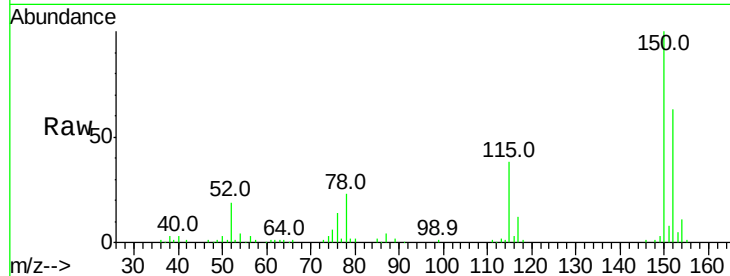
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.6	186.8
115	60.1	50.1	75.1

Manual Integrations
APPROVED

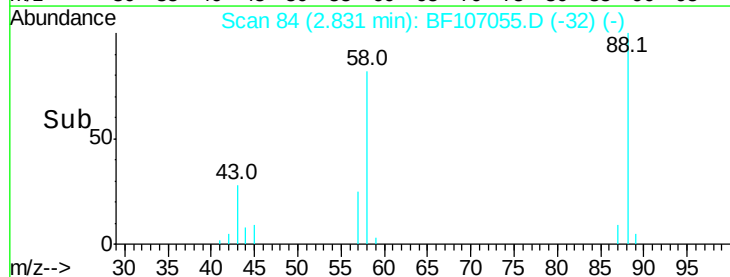
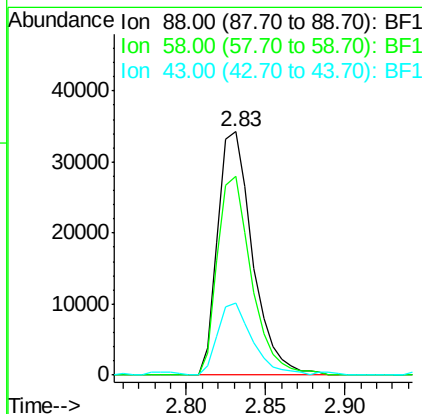
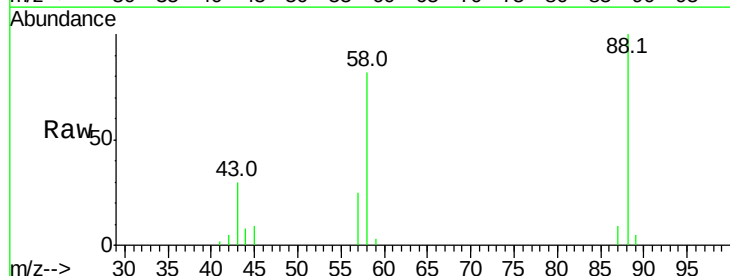
Sohil
7/3/2018 5:30:07 PM

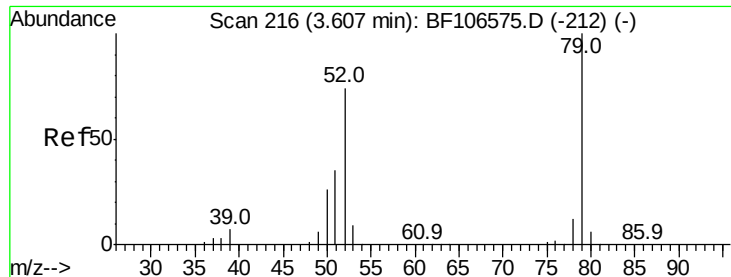


#2

1,4-Dioxane
Concen: 27.455 ng
RT: 2.83 min Scan# 84
Delta R.T. 0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.7	62.6	93.8
43	29.3	24.6	37.0





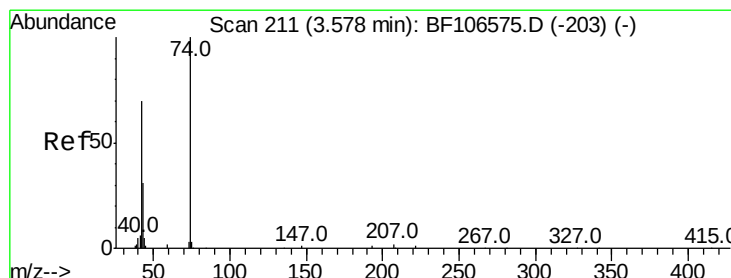
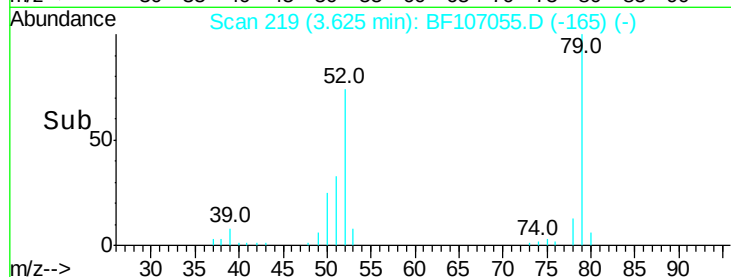
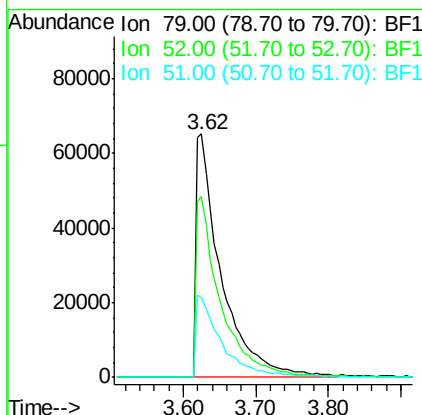
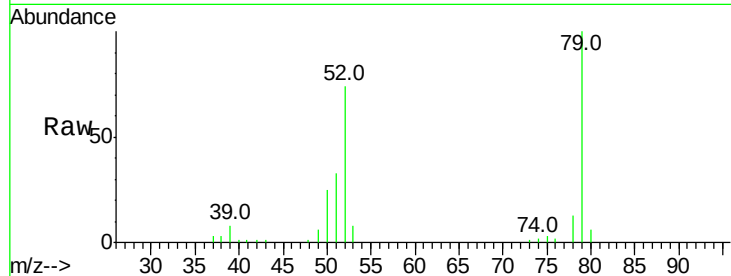
#3
 Pvridine
 Concen: 30.303 ng
 RT: 3.62 min Scan# 219
 Delta R.T. 0.02 min
 Lab File: BF107055.D
 Acq: 2 Jul 2018 20:12

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

Tot Ion: 79 Resp: 157309
 Ion Ratio Lower Upper
 79 100
 52 74.3 59.8 89.6
 51 32.9 29.8 44.8

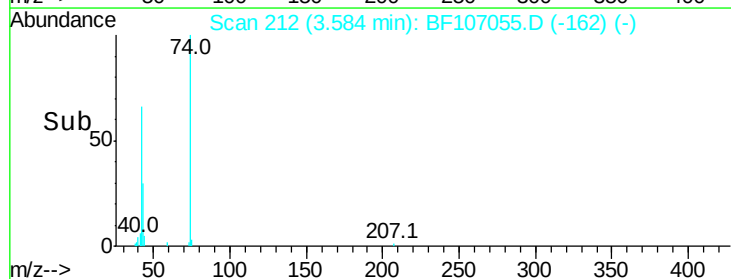
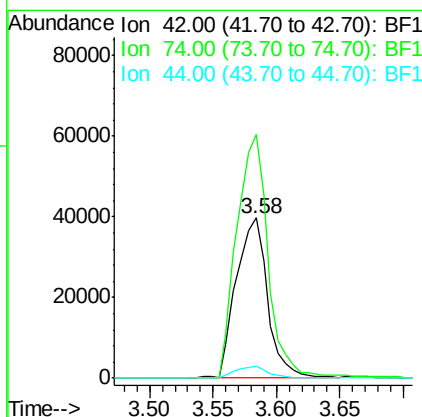
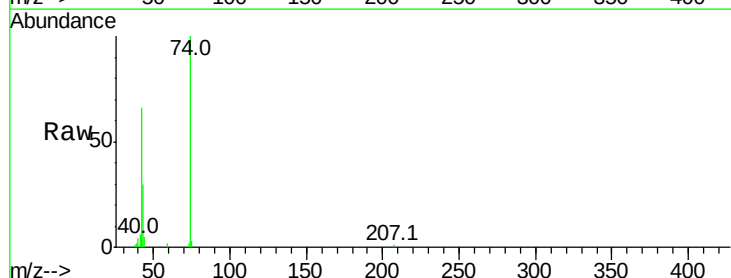
Manual Integrations
 APPROVED

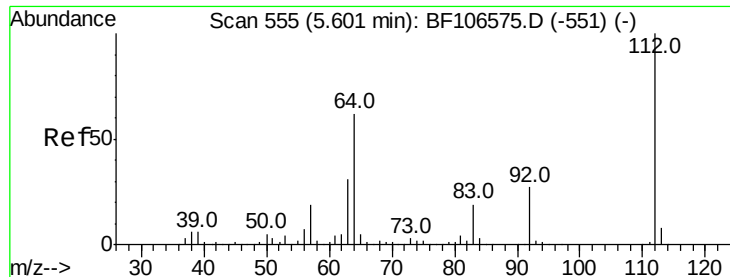
Sohil
 7/3/2018 5:30:07 PM



#4
 n-Nitrosodimethylamine
 Concen: 30.907 ng
 RT: 3.58 min Scan# 212
 Delta R.T. -0.01 min
 Lab File: BF107055.D
 Acq: 2 Jul 2018 20:12

Tgt Ion: 42 Resp: 68146
 Ion Ratio Lower Upper
 42 100
 74 151.9 104.9 157.3
 44 7.7 6.9 10.3





#5

2-Fluorophenol

Concen: 113.167 ng

RT: 5.61 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF107055.D

Acq: 2 Jul 2018 20:12

Instrument :

BNA_F

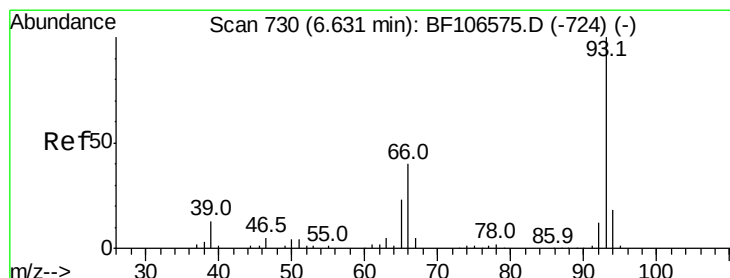
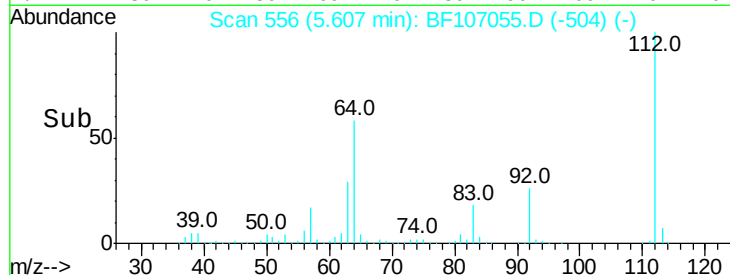
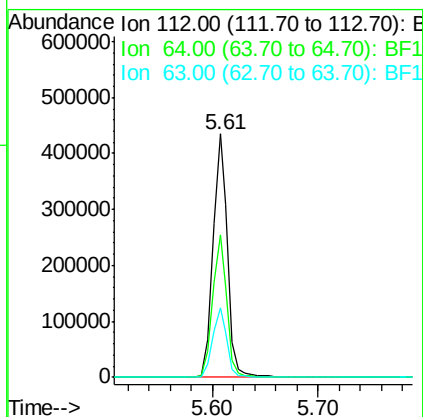
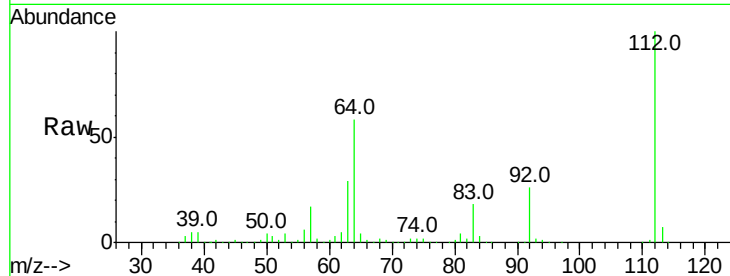
ClientSampleId :

EPE-106-8(18-20)MSD

Tot Ion:	112	Resp:	421341
Ion Ratio	Lower	Upper	
112	100		
64	58.5	47.9	71.9
63	28.6	23.7	35.5

Manual Integrations
APPROVED

Sohil
7/3/2018 5:30:07 PM



#6

Aniline

Concen: 25.138 ng

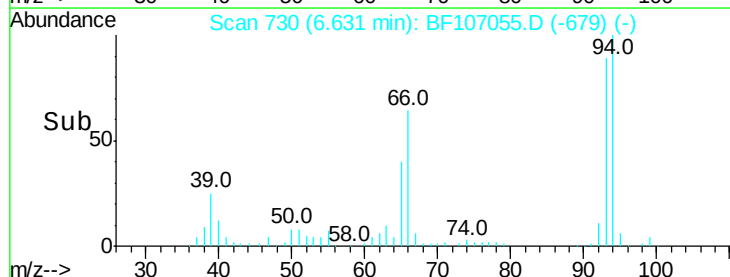
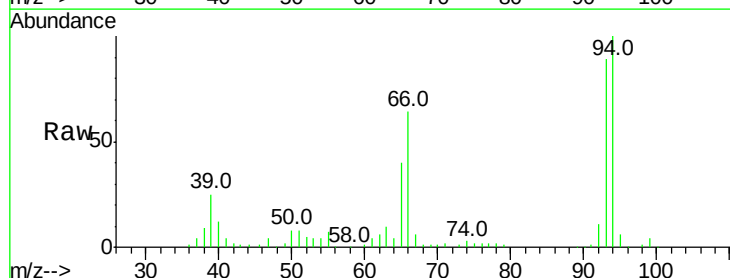
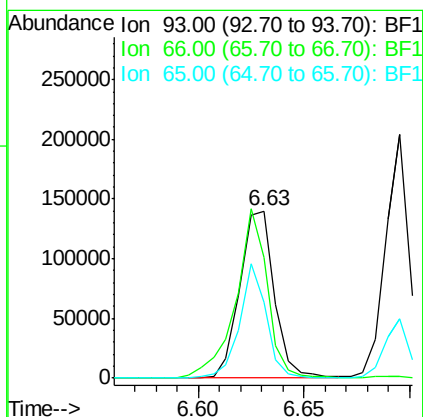
RT: 6.63 min Scan# 730

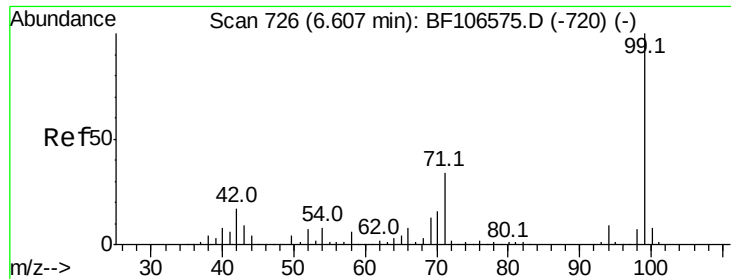
Delta R.T. -0.00 min

Lab File: BF107055.D

Acq: 2 Jul 2018 20:12

Tgt Ion:	93	Resp:	158544
Ion Ratio	Lower	Upper	
93	100		
66	72.0	32.2	48.2#
65	45.3	16.4	24.6#





#7

Phenol-d6

Concen: 111.477 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF107055.D

Acq: 2 Jul 2018 20:12

Instrument :

BNA_F

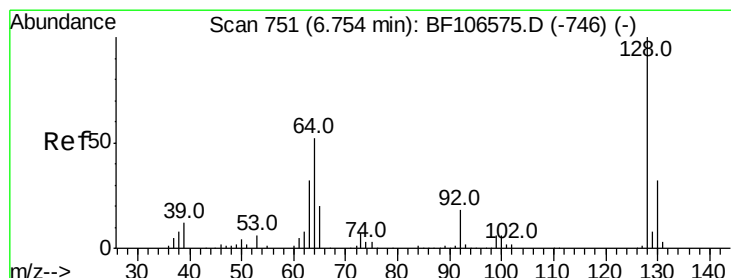
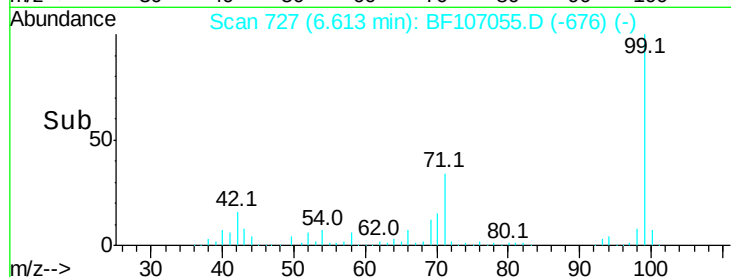
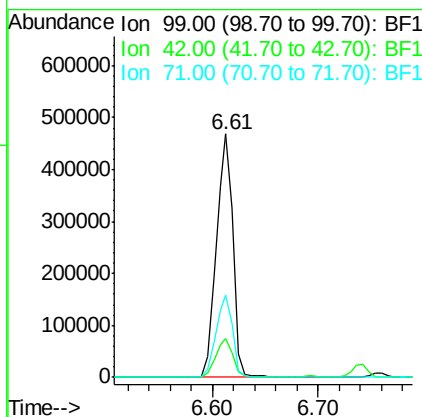
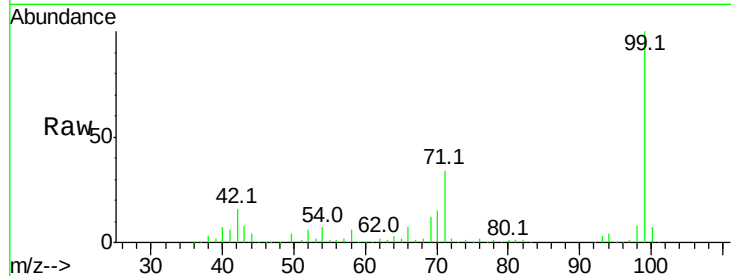
ClientSampleId :

EPE-106-8(18-20)MSD

Tot Ion:	99	Resp:	518313
Ion Ratio	Lower	Upper	
99	100		
42	16.2	14.5	21.7
71	33.8	25.4	38.0

Manual Integrations
APPROVED

Sohil
7/3/2018 5:30:07 PM



#8

2-Chlorophenol

Concen: 38.843 ng

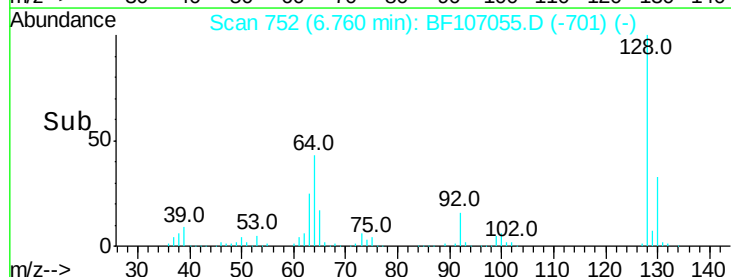
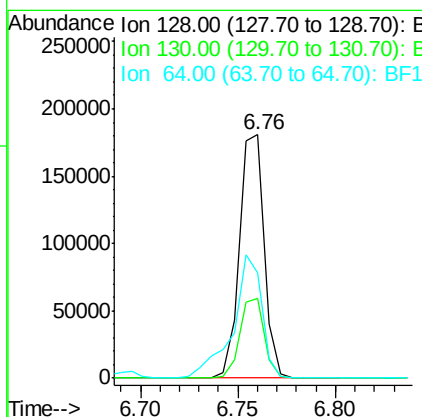
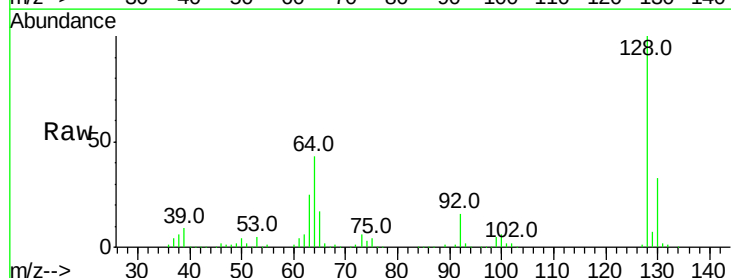
RT: 6.76 min Scan# 752

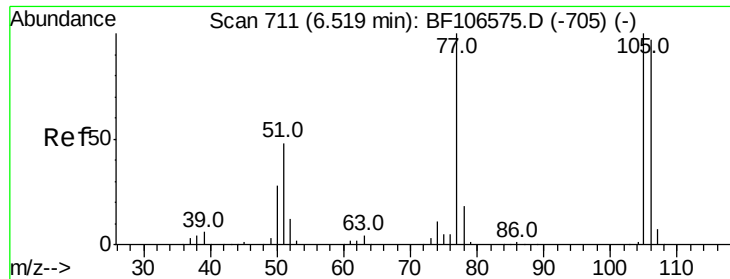
Delta R.T. 0.00 min

Lab File: BF107055.D

Acq: 2 Jul 2018 20:12

Tgt Ion:	128	Resp:	158621
Ion Ratio	Lower	Upper	
128	100		
130	32.8	13.0	53.0
64	43.2	29.4	69.4





#9

Benzaldehyde

Concen: 26.353 ng

RT: 6.52 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF107055.D

Acq: 2 Jul 2018 20:12

Instrument :

BNA_F

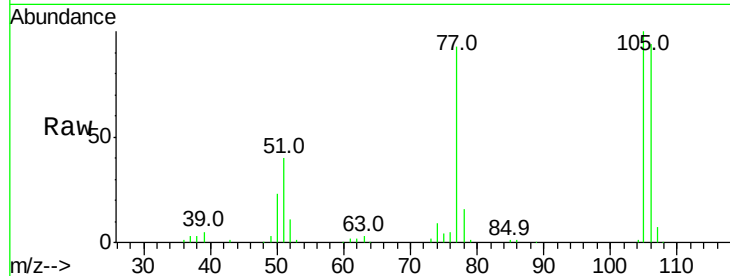
ClientSampleId :

EPE-106-8(18-20)MSD

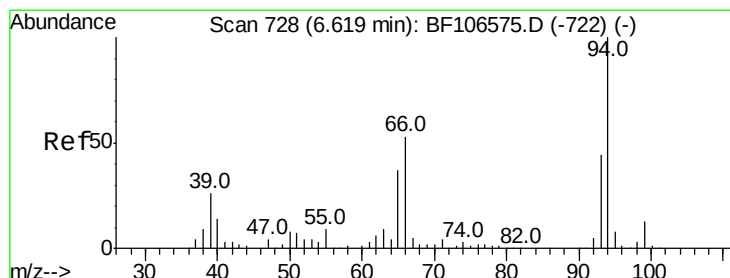
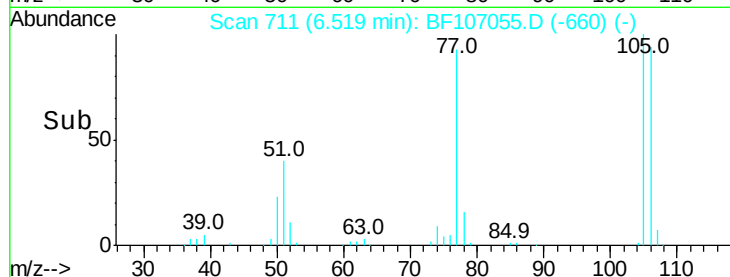
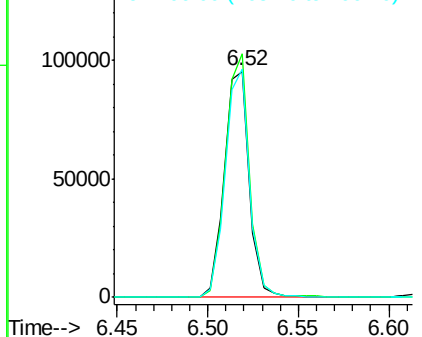
Tot Ion:	77	Resp:	91531
Ion	Ratio	Lower	Upper
77	100		
105	107.7	81.1	121.1
106	100.8	74.5	114.5

Manual Integrations
APPROVED

Sohil
7/3/2018 5:30:07 PM



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 36.547 ng

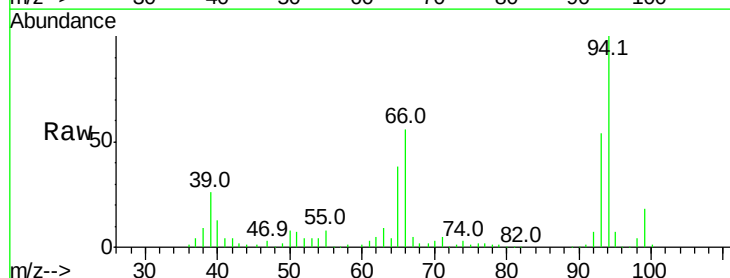
RT: 6.62 min Scan# 729

Delta R.T. 0.00 min

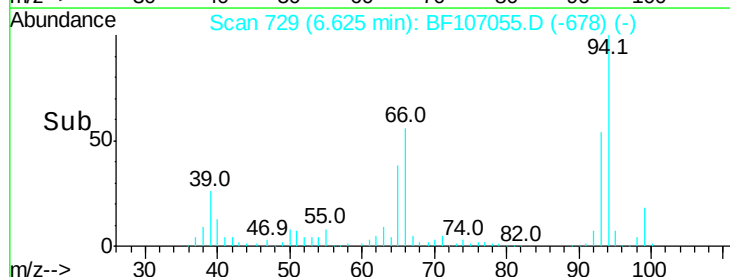
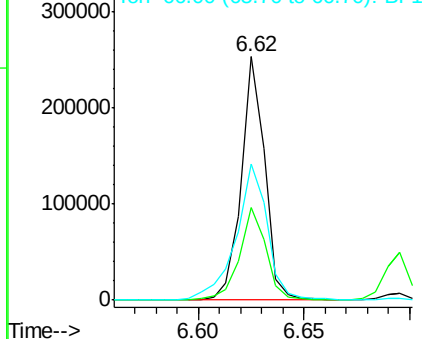
Lab File: BF107055.D

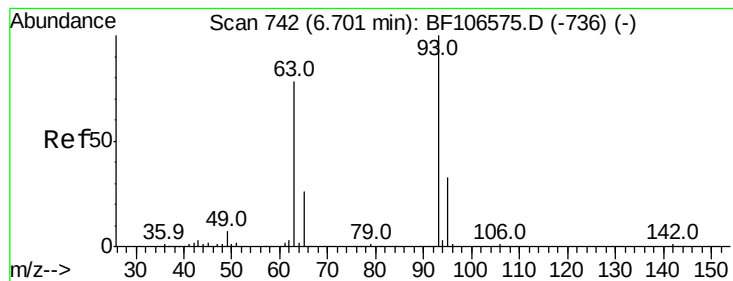
Acq: 2 Jul 2018 20:12

Tgt Ion:	94	Resp:	193928
Ion	Ratio	Lower	Upper
94	100		
65	37.9	7.9	47.9
66	55.9	16.2	56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





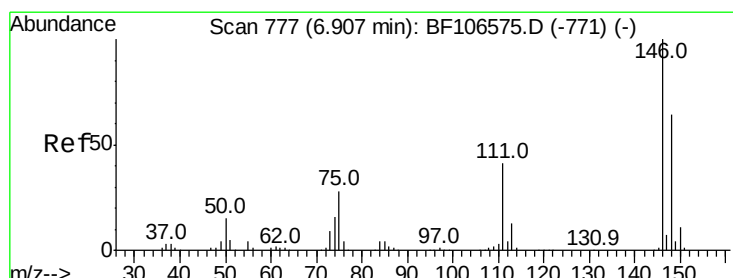
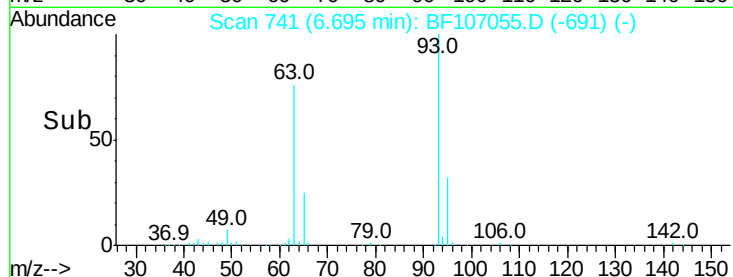
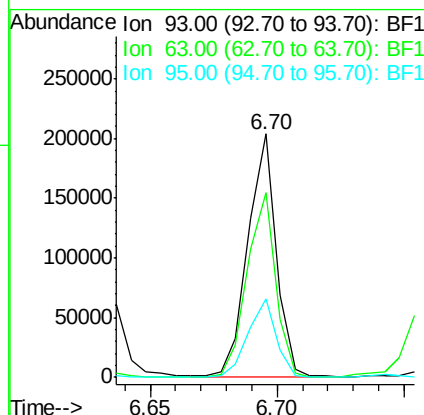
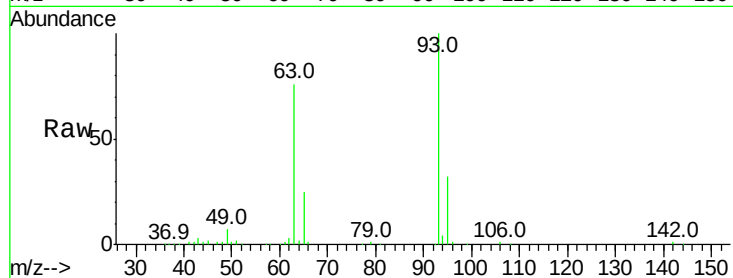
#11
bis(2-Chloroethyl)ether
Concen: 36.318 ng
RT: 6.70 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

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

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.8	58.6	98.6
95	32.0	11.8	51.8

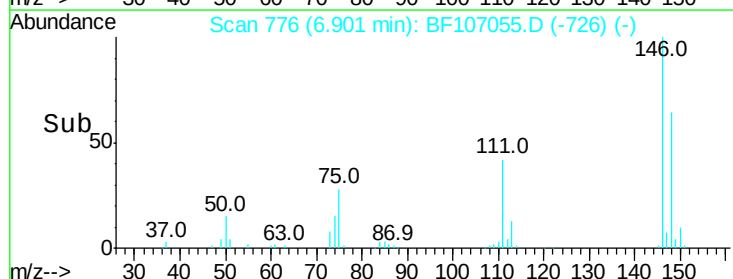
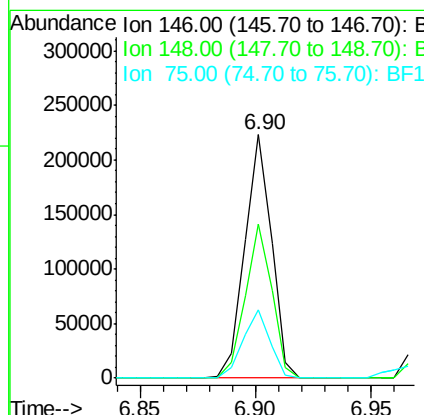
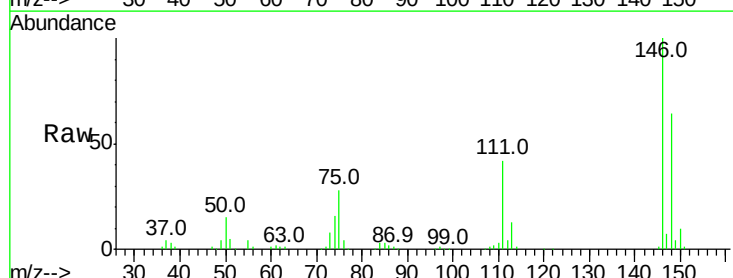
Manual Integrations
APPROVED

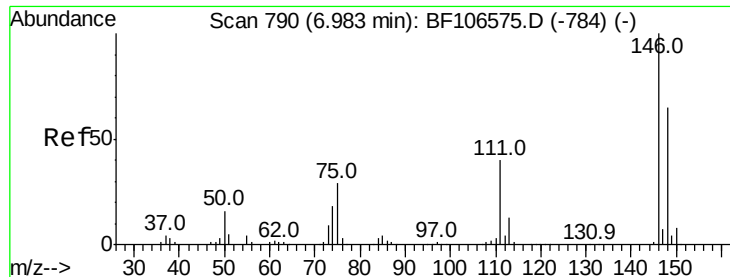
Sohil
7/3/2018 5:30:07 PM



#12
1,3-Dichlorobenzene
Concen: 37.904 ng
RT: 6.90 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.8	77.8
75	27.9	24.2	36.4





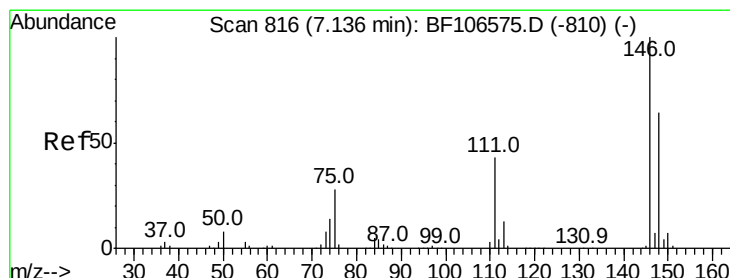
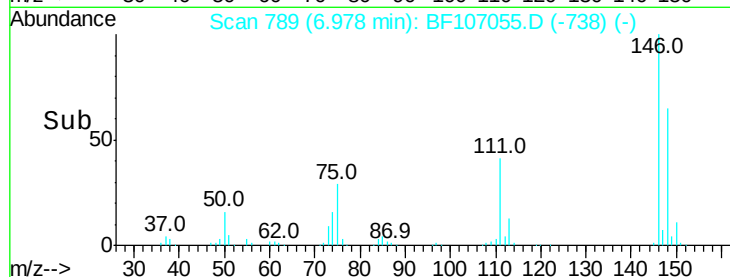
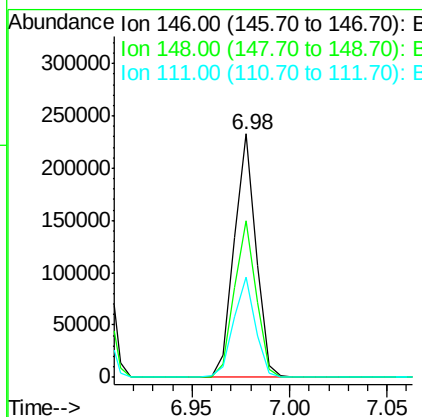
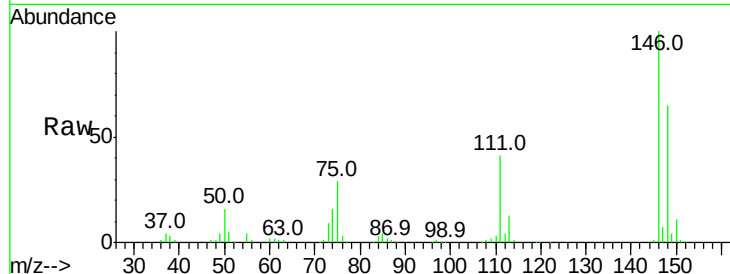
#13
 1,4-Dichlorobenzene
 Concen: 37.179 ng
 RT: 6.98 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF107055.D
 Acq: 2 Jul 2018 20:12

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.8	76.2
111	41.0	34.2	51.2

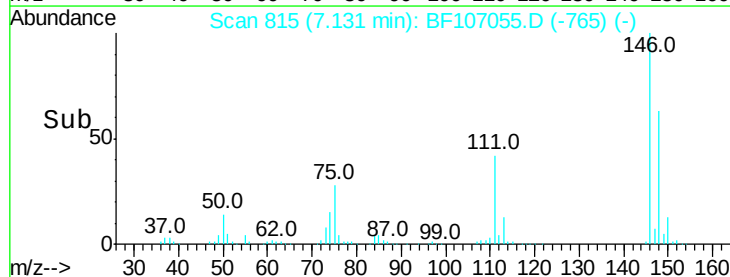
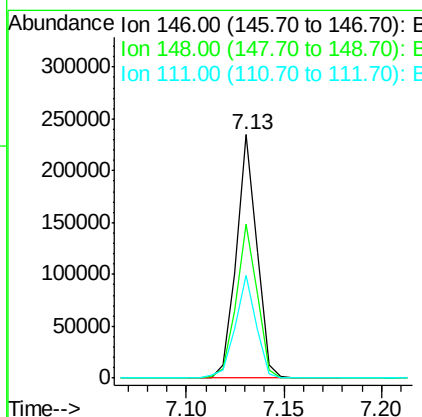
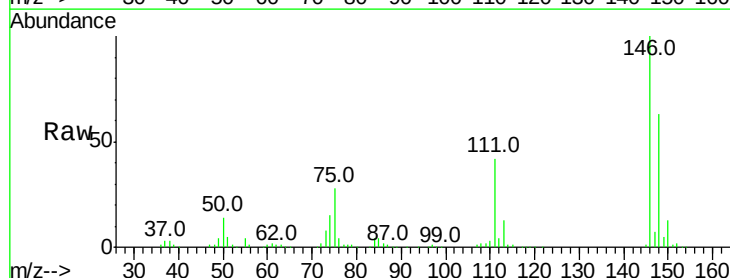
Manual Integrations
 APPROVED

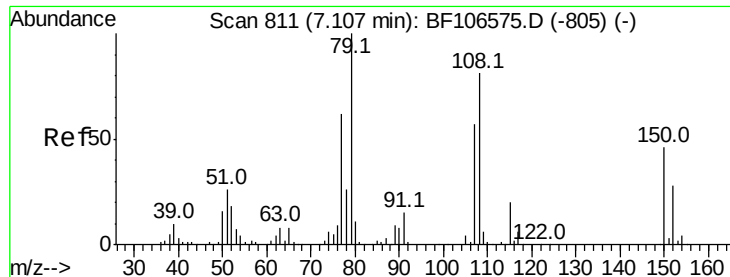
Sohil
 7/3/2018 5:30:07 PM



#14
 1,2-Dichlorobenzene
 Concen: 38.595 ng
 RT: 7.13 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF107055.D
 Acq: 2 Jul 2018 20:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.6	75.8
111	42.3	36.0	54.0





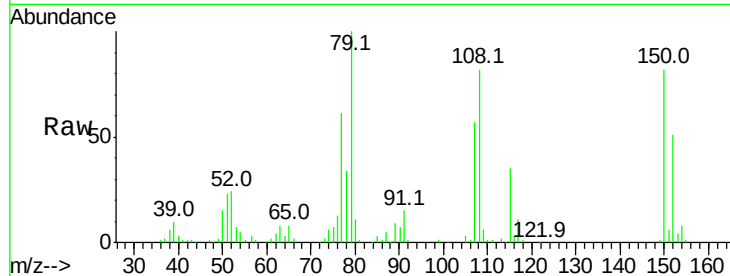
#15
Benzyl Alcohol
Concen: 34.124 ng
RT: 7.11 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

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

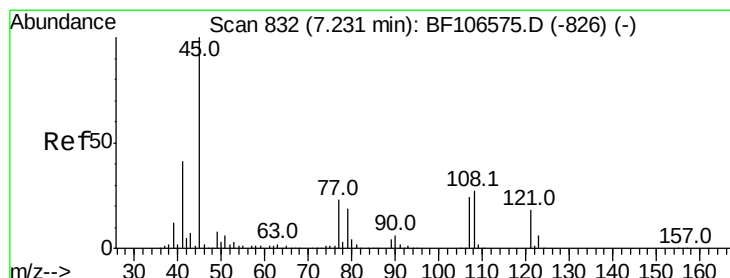
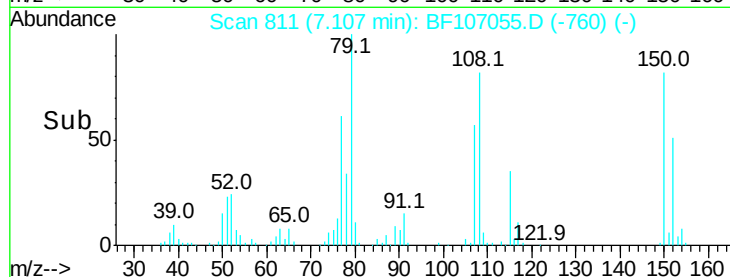
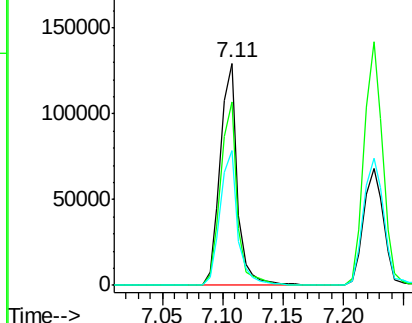
Tot Ion	Ratio	Lower	Upper
79	100		
108	82.4	65.1	97.7
77	60.6	50.6	75.8

Manual Integrations
APPROVED

Sohil
7/3/2018 5:30:07 PM

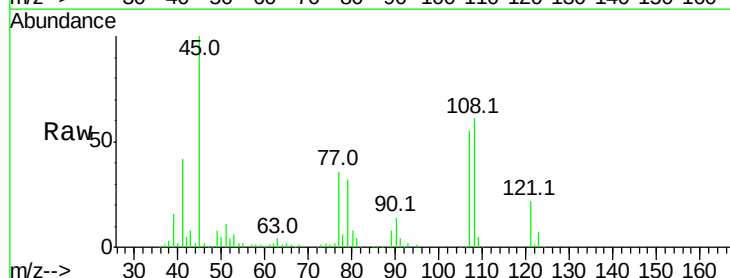


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

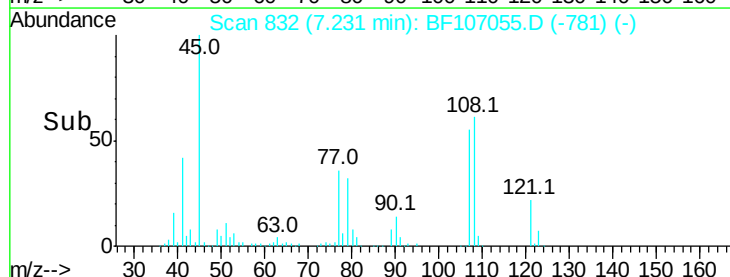
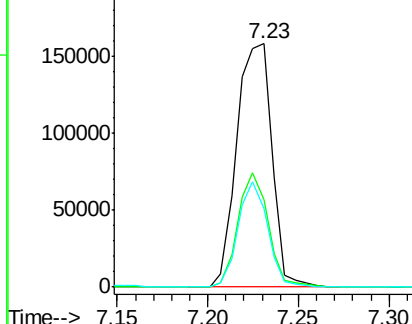


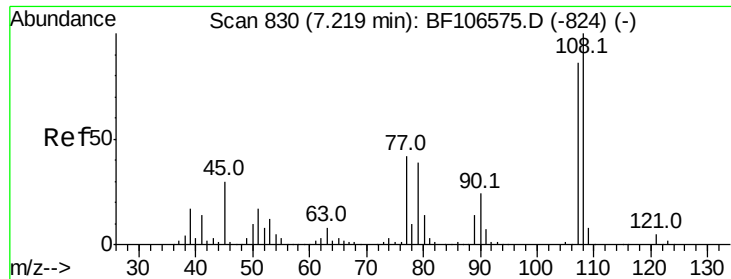
#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.214 ng
RT: 7.23 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion	Ratio	Lower	Upper
45	100		
77	36.0	0.0	32.9#
79	32.0	0.0	29.6#



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





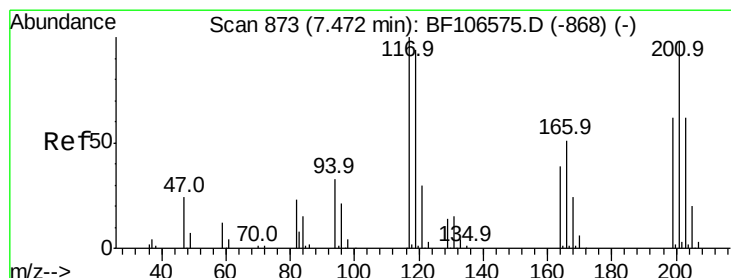
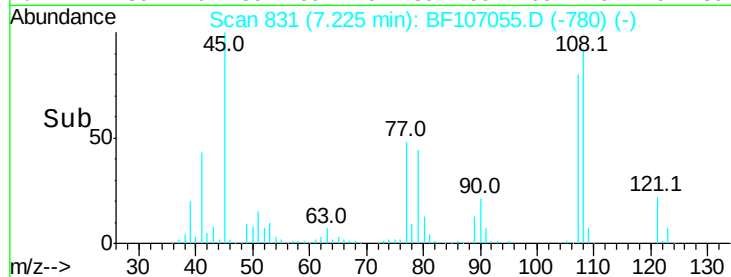
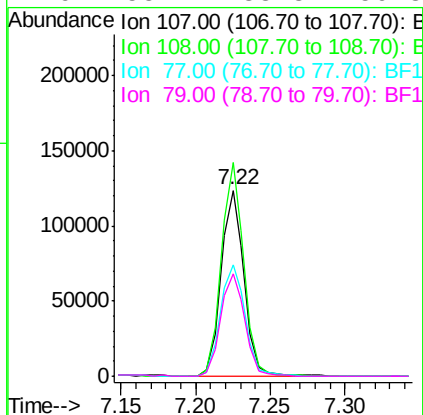
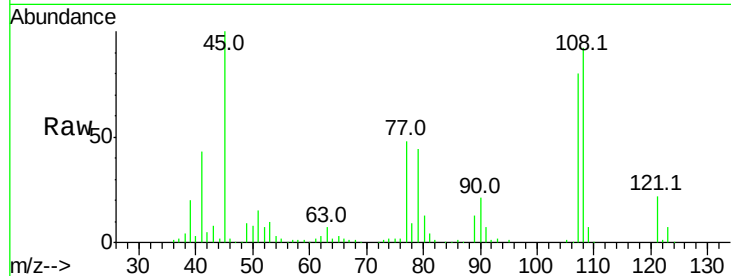
#17
2-Methylphenol
Concen: 38.250 ng
RT: 7.22 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

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

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.8	91.7	137.5
77	59.9	33.8	50.8#
79	55.1	33.8	50.8#

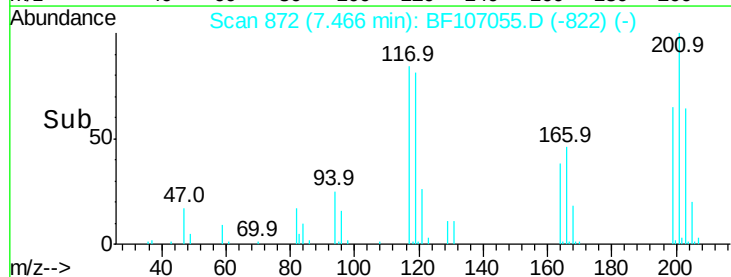
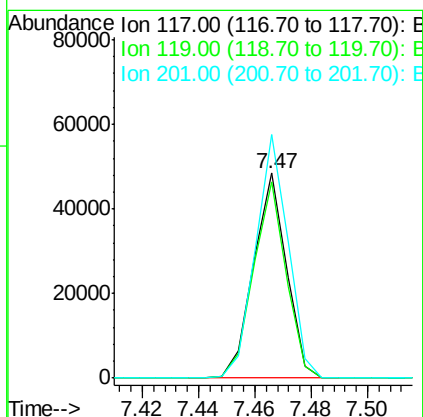
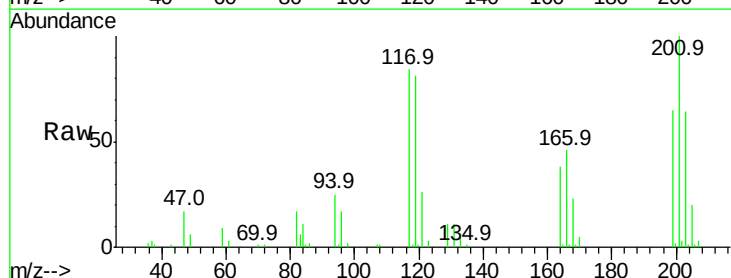
Manual Integrations
APPROVED

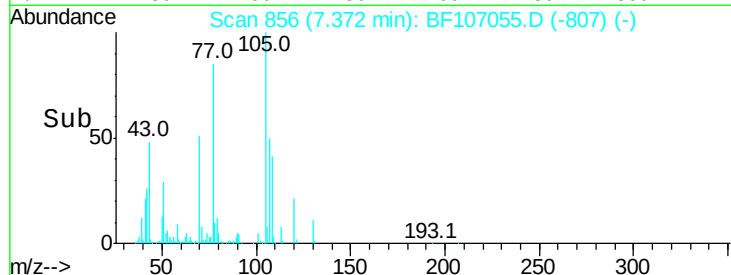
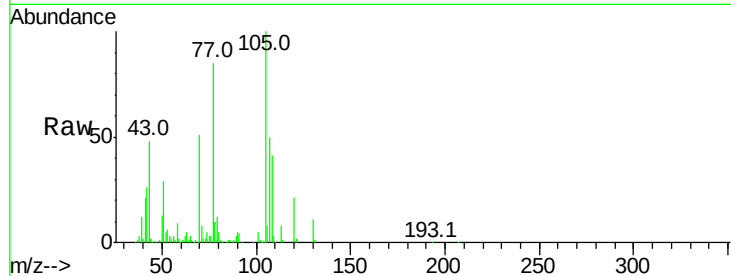
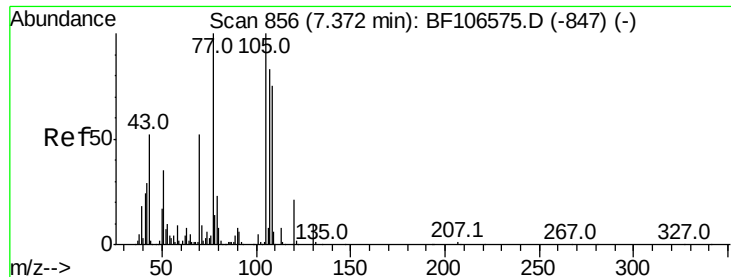
Sohil
7/3/2018 5:30:07 PM



#18
Hexachloroethane
Concen: 23.071 ng
RT: 7.47 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	75.8	113.8
201	118.9	75.7	113.5#





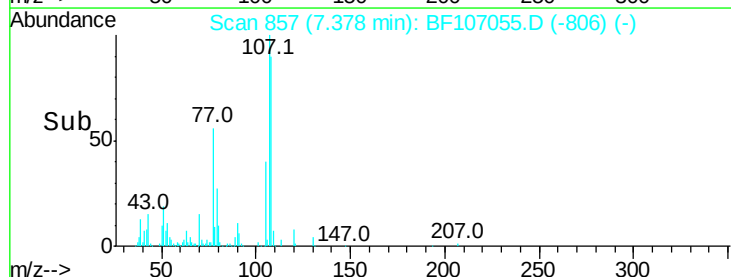
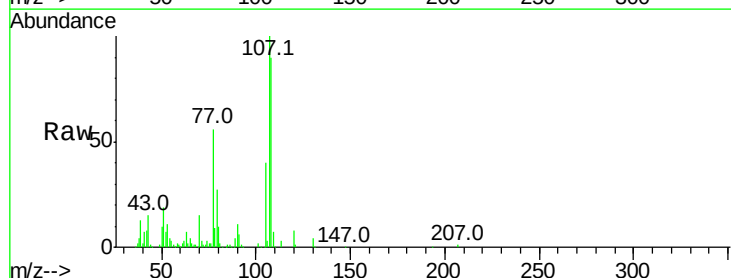
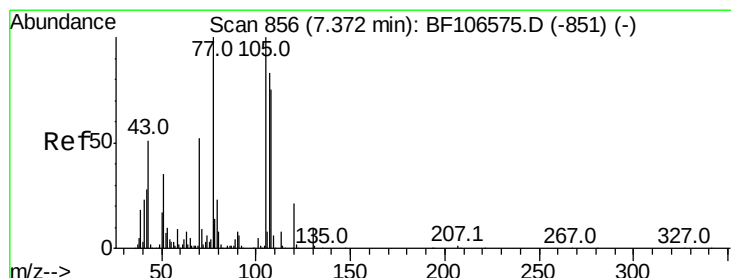
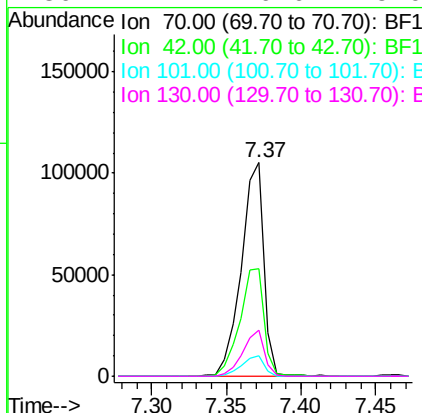
#19
n-Nitroso-di-n-propylamine
Concen: 36.052 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

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

Tot Ion	70	Resp	110493
Ion Ratio	Lower	Upper	
70	100		
42	50.4	47.5	71.3
101	9.3	7.4	11.2
130	21.7	16.6	25.0

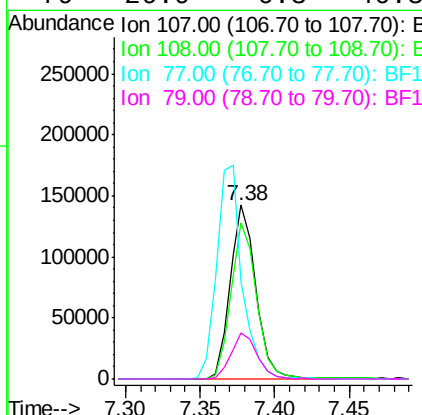
Manual Integrations
APPROVED

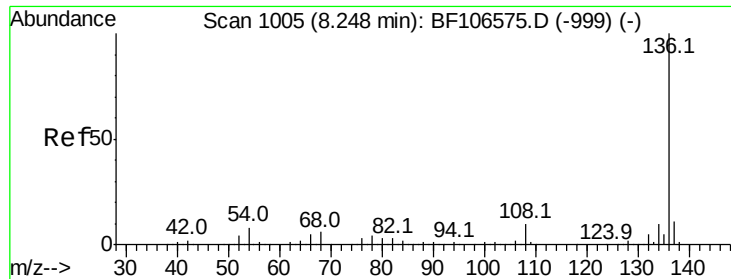
Sohil
7/3/2018 5:30:07 PM



#20
3+4-Methylphenols
Concen: 46.426 ng
RT: 7.38 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion	107	Resp	173585
Ion Ratio	Lower	Upper	
107	100		
108	90.3	68.2	108.2
77	56.0	26.7	66.7
79	26.9	6.3	46.3





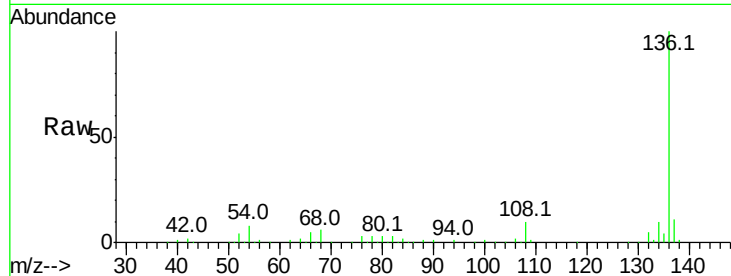
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.9	13.3	
54	7.7	6.6	9.8	
68	5.9	5.0	7.4	

Manual Integrations
APPROVED

Sohil
7/3/2018 5:30:07 PM



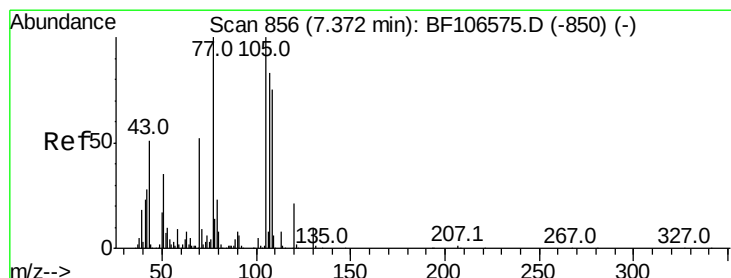
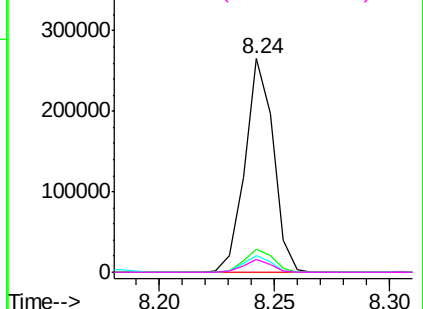
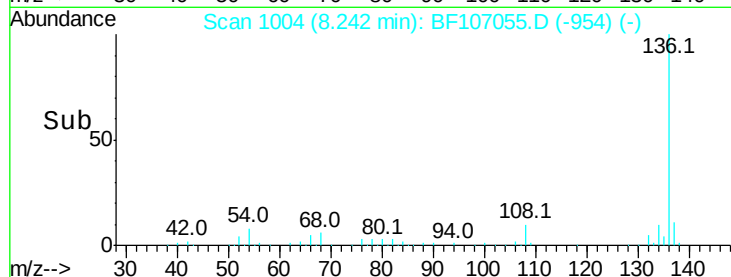
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

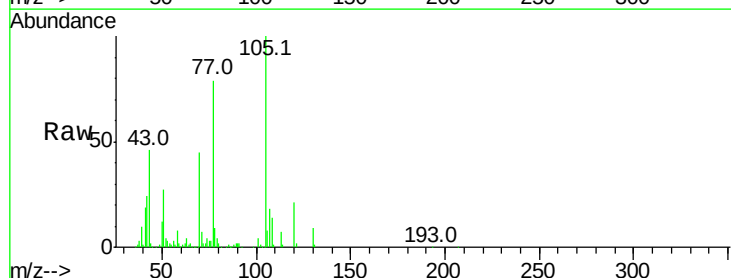
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 42.643 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.5	4.4	6.6#	
51	27.1	22.3	33.5	
120	21.2	16.9	25.3	



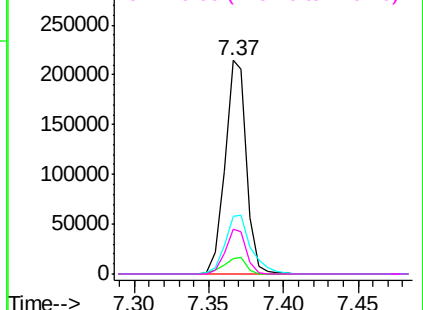
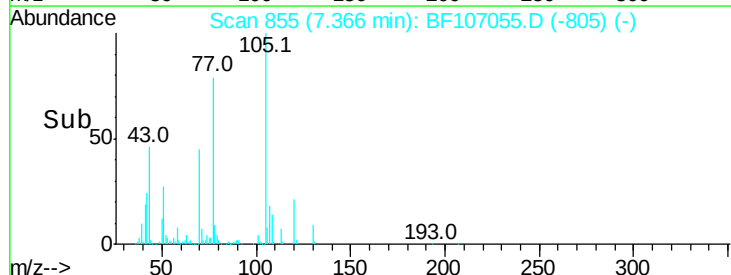
Abundance

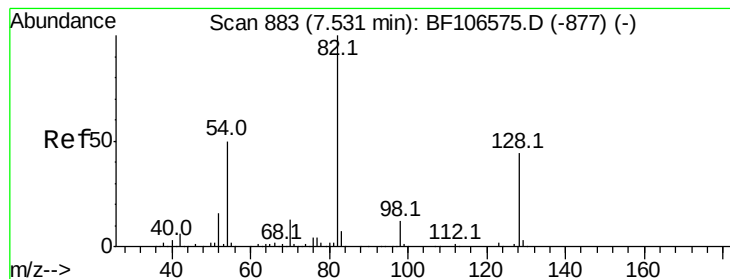
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 76.336 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF107055.D

Acq: 2 Jul 2018 20:12

Instrument :

BNA_F

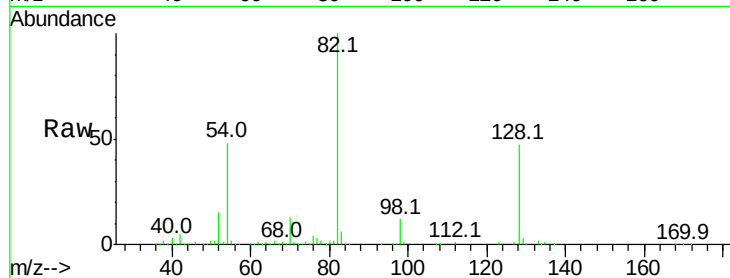
ClientSampleId :

EPE-106-8(18-20)MSD

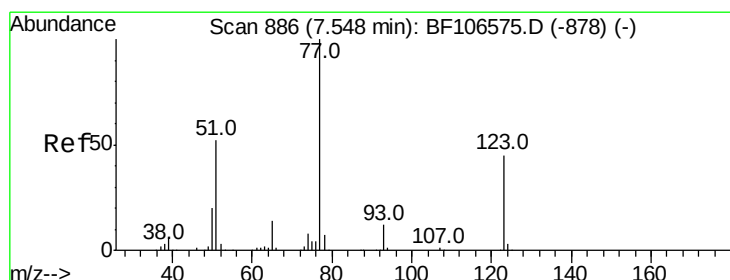
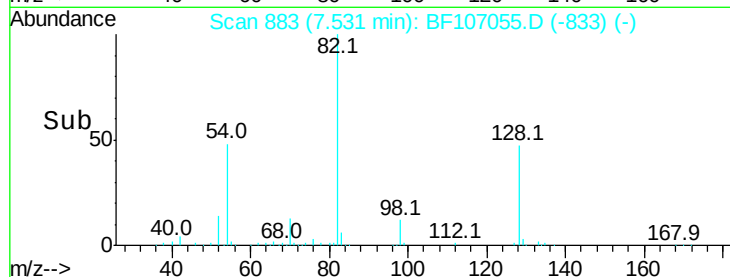
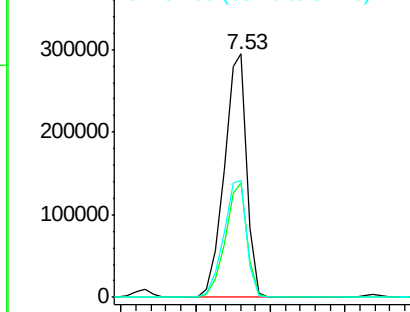
Tot Ion:	82	Resp:	313344
Ion	Ratio	Lower	Upper
82	100		
128	46.8	36.1	54.1
54	48.0	41.4	62.2

Manual Integrations
APPROVED

Sohil
7/3/2018 5:30:07 PM



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



#24

Nitrobenzene

Concen: 39.150 ng

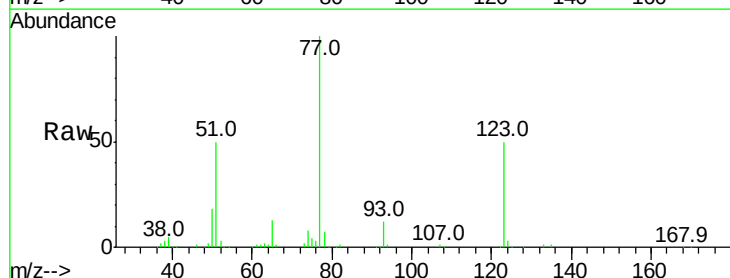
RT: 7.55 min Scan# 886

Delta R.T. -0.01 min

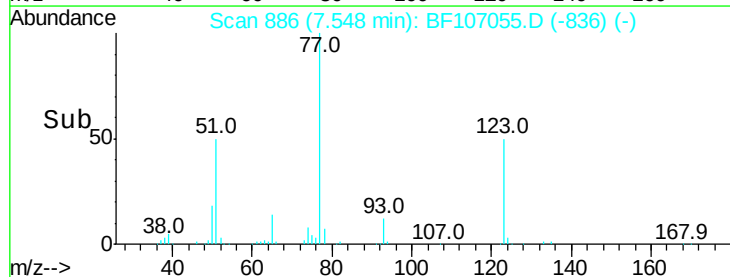
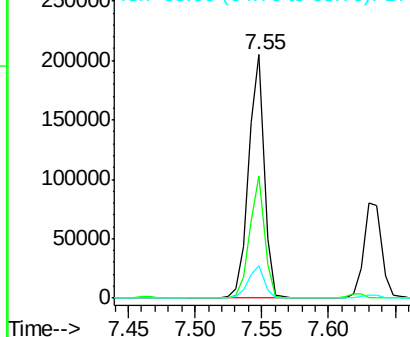
Lab File: BF107055.D

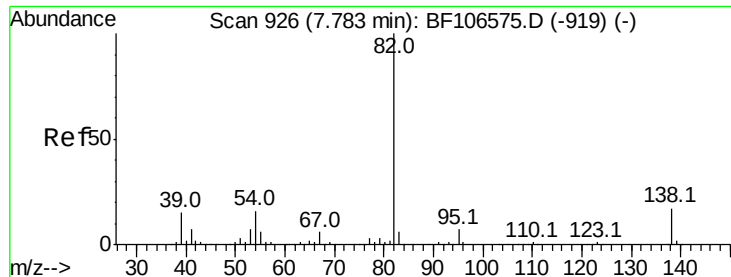
Acq: 2 Jul 2018 20:12

Tgt Ion:	77	Resp:	164071
Ion	Ratio	Lower	Upper
77	100		
123	49.9	37.9	56.9
65	13.4	11.0	16.4



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





#25

Isophorone

Concen: 41.736 ng

RT: 7.78 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF107055.D

Acq: 2 Jul 2018 20:12

Instrument :

BNA_F

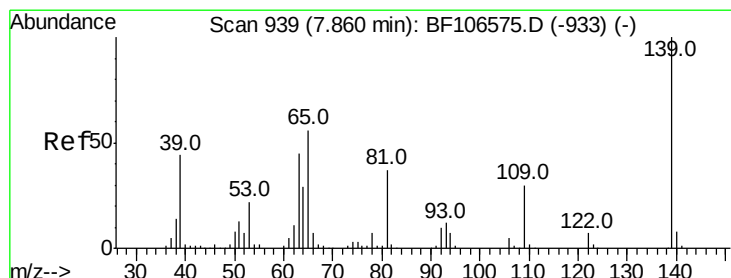
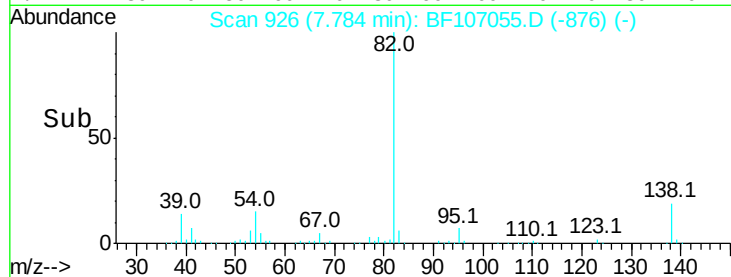
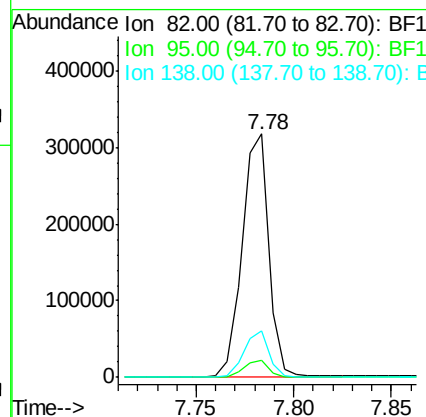
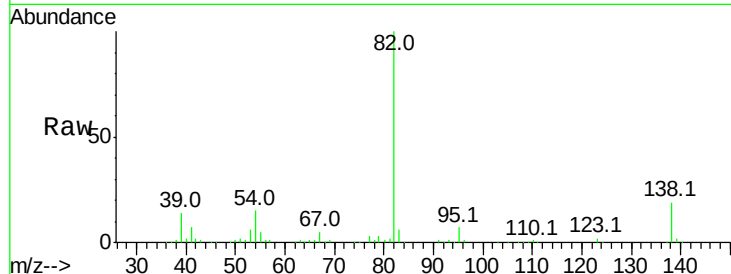
ClientSampleId :

EPE-106-8(18-20)MSD

Tot Ion:	82	Resp:	301888
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.2	7.8
138	19.3	14.9	22.3

Manual Integrations
APPROVED

Sohil
7/3/2018 5:30:07 PM



#26

2-Nitrophenol

Concen: 24.460 ng

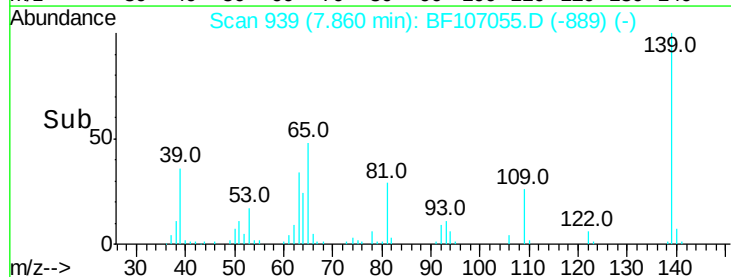
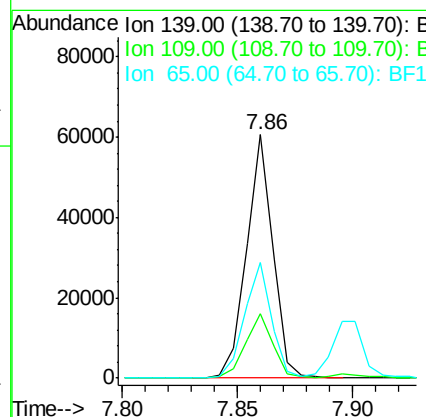
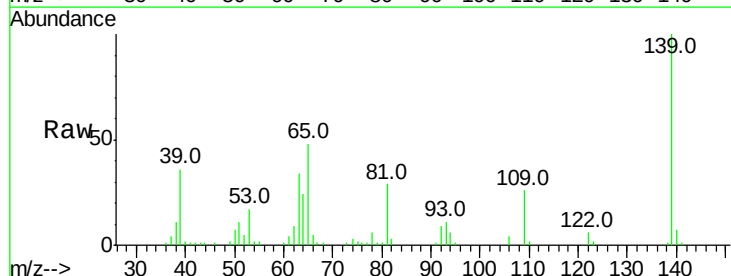
RT: 7.86 min Scan# 939

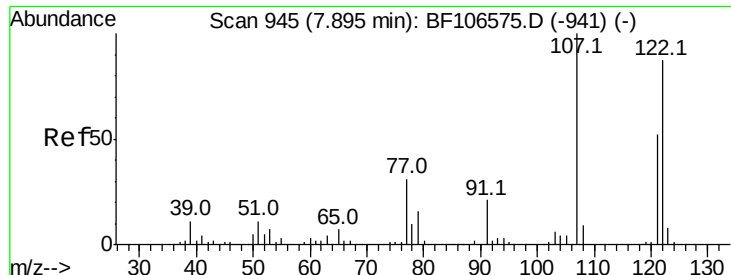
Delta R.T. -0.01 min

Lab File: BF107055.D

Acq: 2 Jul 2018 20:12

Tgt Ion:	139	Resp:	48390
Ion Ratio	Lower	Upper	
139	100		
109	26.5	22.7	34.1
65	47.6	40.5	60.7





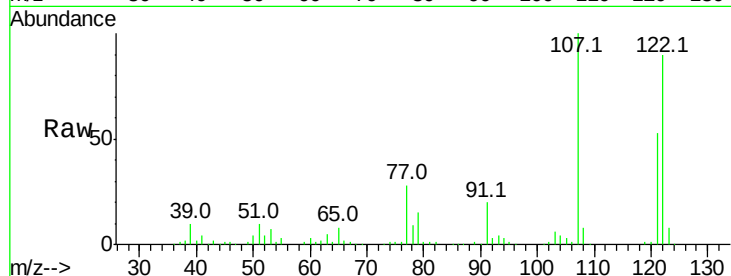
#27
2,4-Dimethylphenol
Concen: 47.024 ng
RT: 7.90 min Scan# 946
Delta R.T. 0.00 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

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

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.3	91.2	136.8
121	59.2	47.2	70.8

Manual Integrations
APPROVED

Sohil
7/3/2018 5:30:07 PM

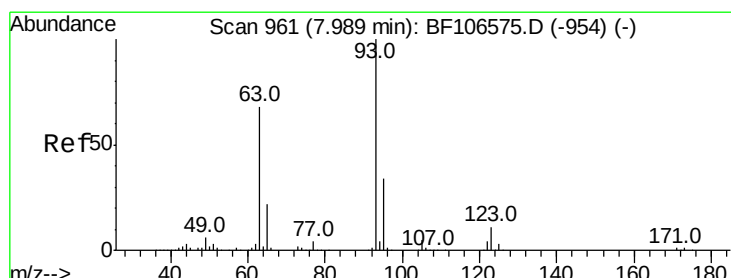
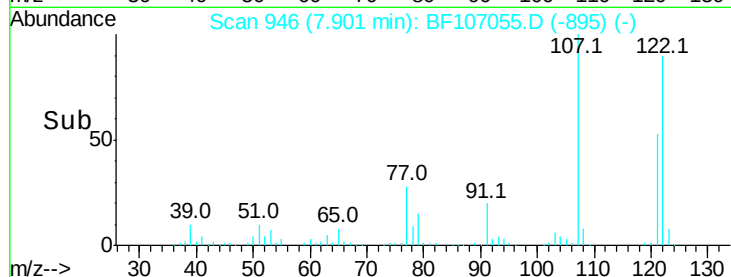
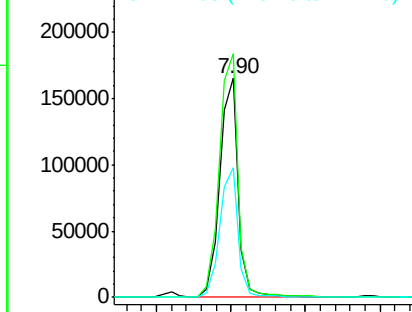


Abundance

Ion 122.00 (121.70 to 122.70): E

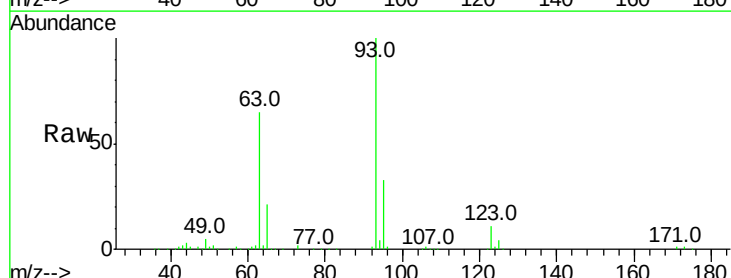
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 40.384 ng
RT: 7.98 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.3	39.5
123	11.2	9.8	14.6

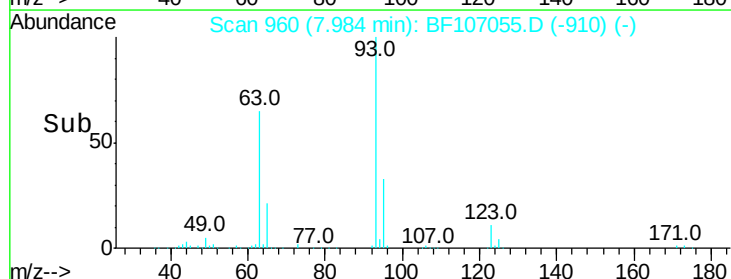
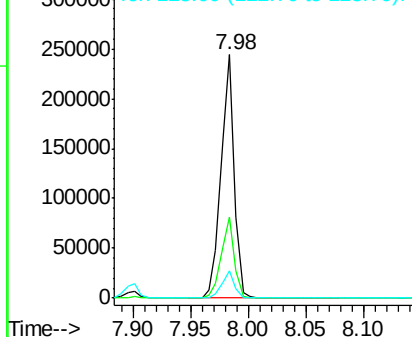


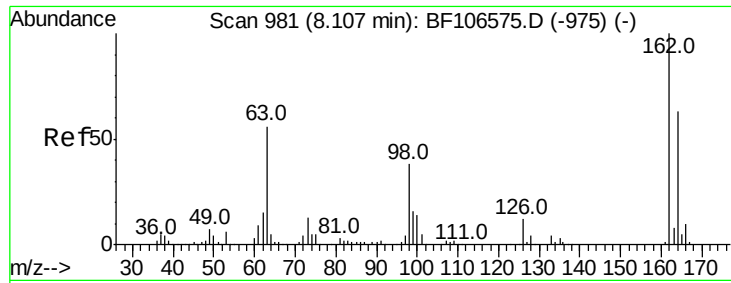
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





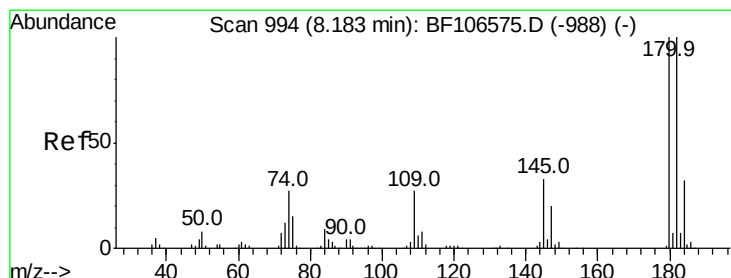
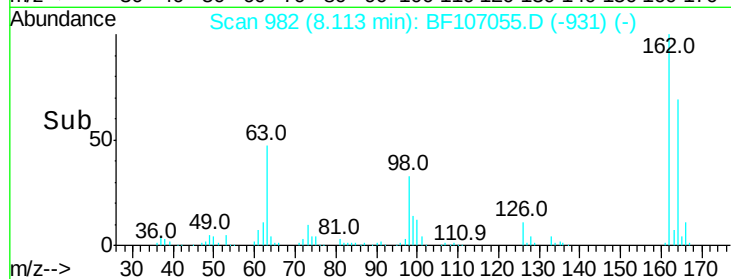
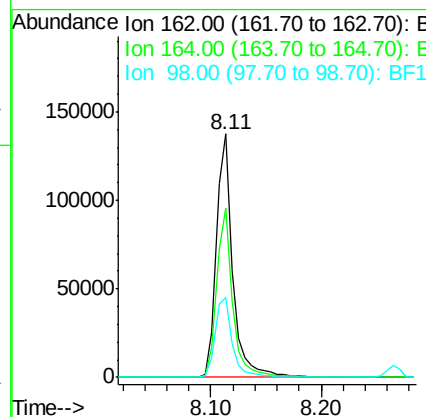
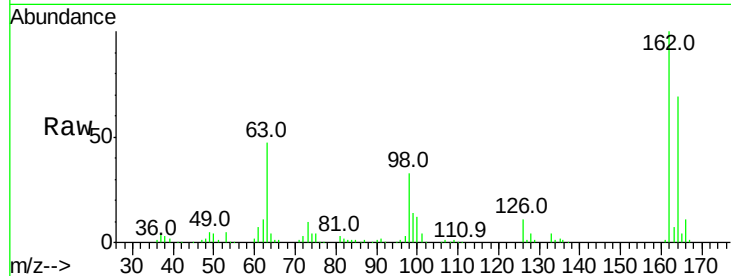
#29
 2,4-Dichlorophenol
 Concen: 43.220 ng
 RT: 8.11 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: BF107055.D
 Acq: 2 Jul 2018 20:12

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

Tot Ion	Ratio	Resp	Lower	Upper
162	100	138364		
164	69.4	42.7	82.7	
98	32.6	18.1	58.1	

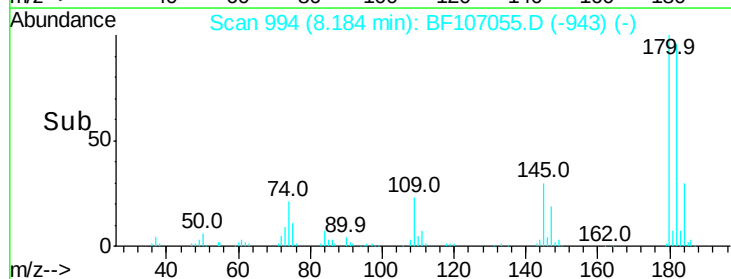
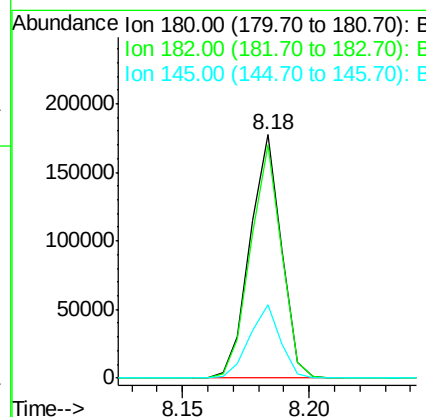
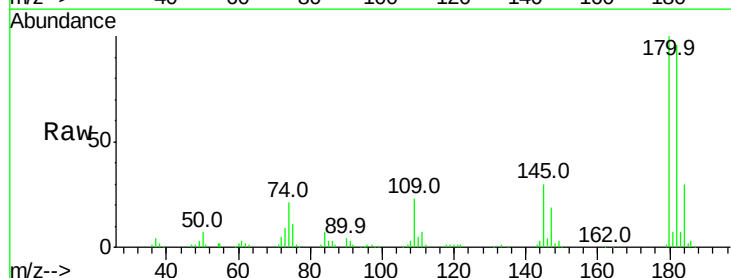
Manual Integrations
 APPROVED

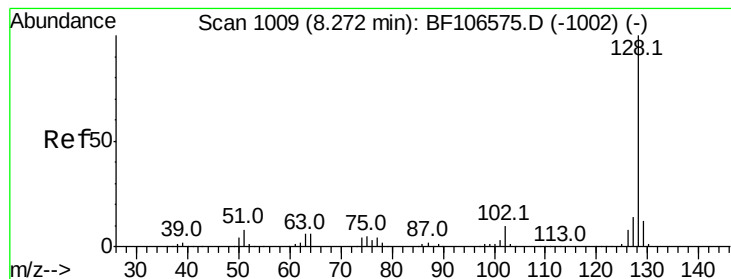
Sohil
 7/3/2018 5:30:07 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 43.283 ng
 RT: 8.18 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: BF107055.D
 Acq: 2 Jul 2018 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	152647		
182	95.7	76.8	115.2	
145	30.1	26.5	39.7	





#31

Naphthalene

Concen: 40.660 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF107055.D

Acq: 2 Jul 2018 20:12

Instrument :

BNA_F

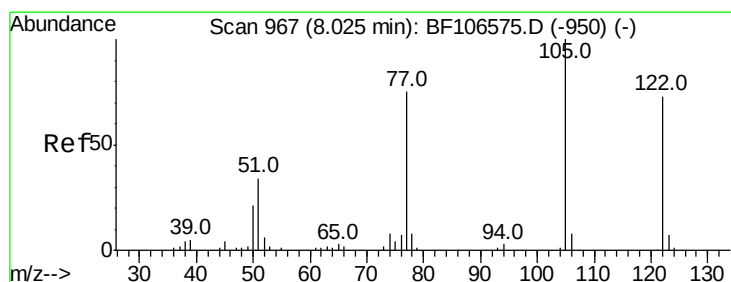
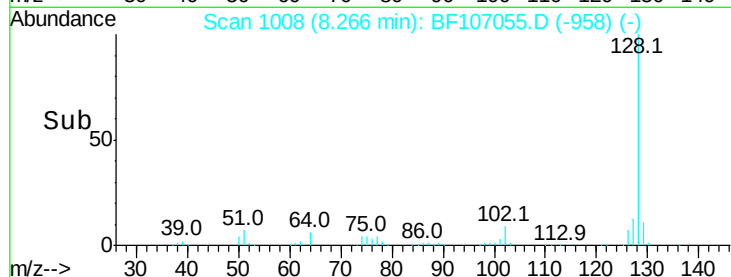
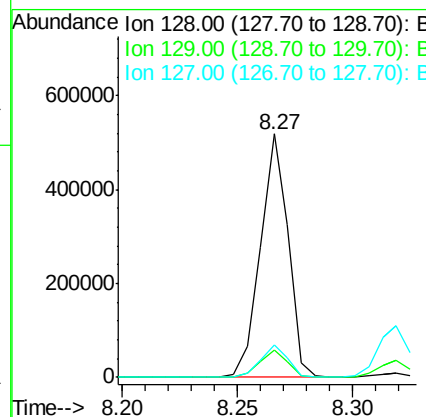
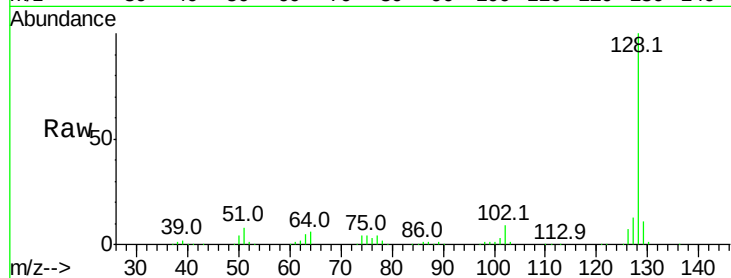
ClientSampleId :

EPE-106-8(18-20)MSD

Tot Ion:	128	Resp:	433651
Ion Ratio	Lower	Upper	
128	100		
129	11.3	8.8	13.2
127	13.2	10.9	16.3

Manual Integrations
APPROVED

Sohil
7/3/2018 5:30:07 PM



#32

Benzoic acid

Concen: 7.856 ng m

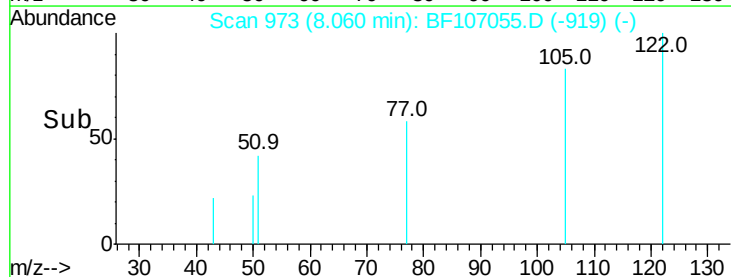
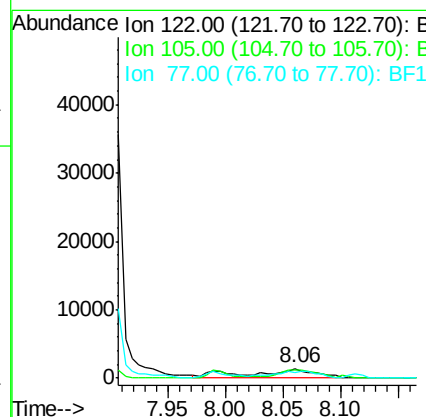
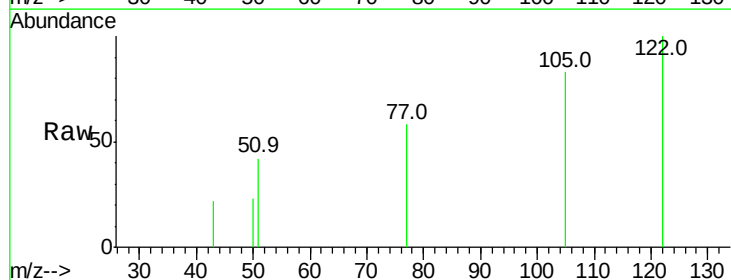
RT: 8.06 min Scan# 973

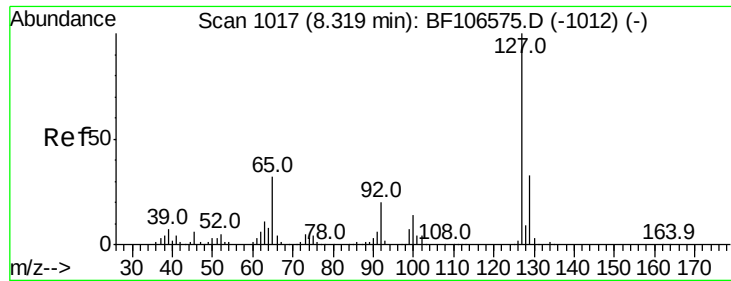
Delta R.T. 0.02 min

Lab File: BF107055.D

Acq: 2 Jul 2018 20:12

Tgt Ion:	122	Resp:	5368
Ion Ratio	Lower	Upper	
122	100		
105	82.9	101.1	141.1#
77	57.8	70.7	110.7#





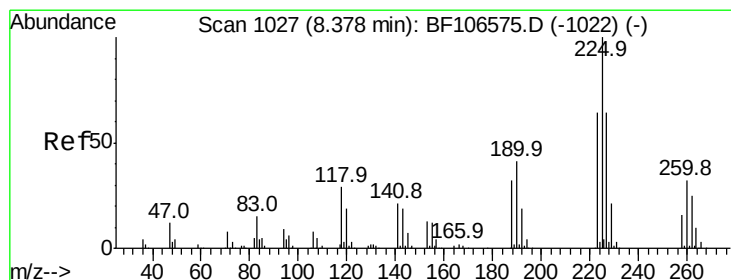
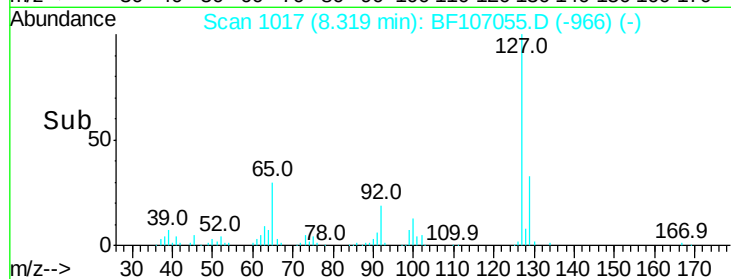
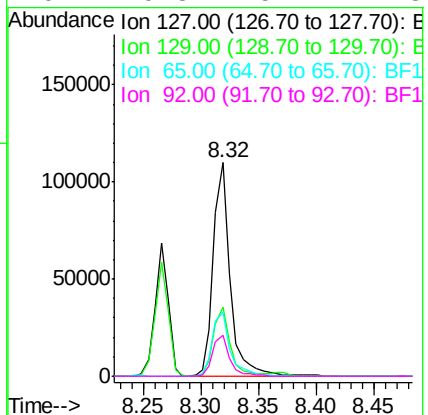
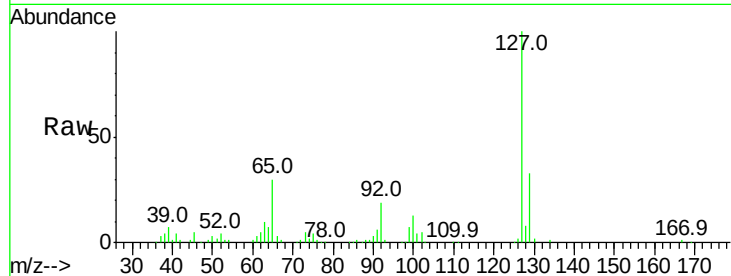
#33
4-Chloroaniline
Concen: 25.159 ng
RT: 8.32 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.6	25.9	38.9		
65	30.0	25.0	37.4		
92	19.3	15.2	22.8		

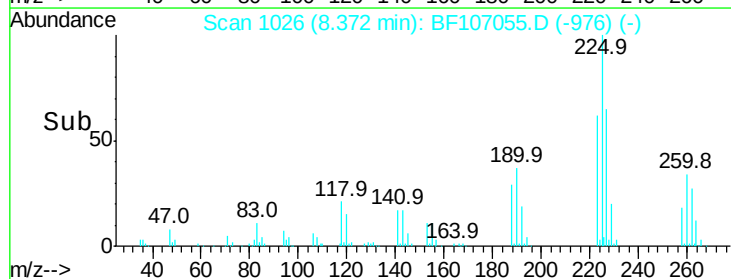
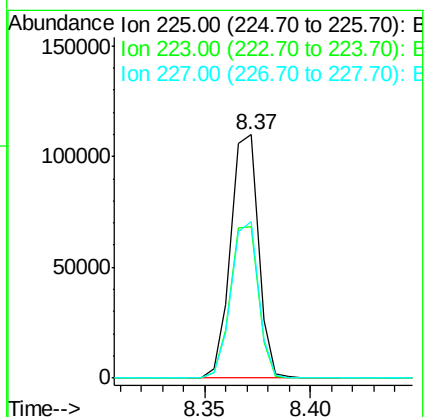
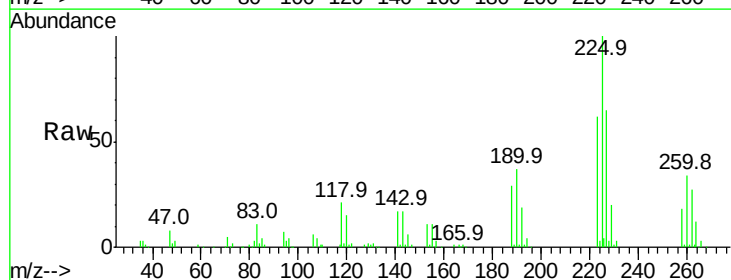
Manual Integrations
APPROVED

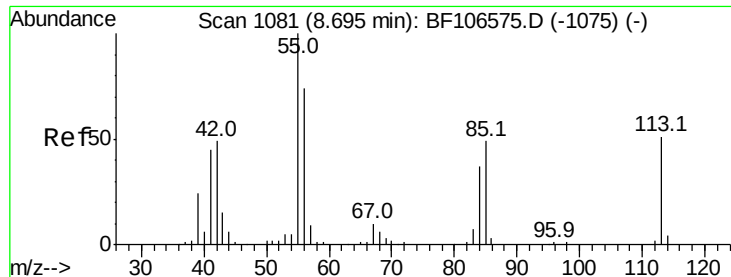
Sohil
7/3/2018 5:30:07 PM



#34
Hexachlorobutadiene
Concen: 43.454 ng
RT: 8.37 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.3	50.6	76.0		
227	64.5	51.9	77.9		





#35

Caprolactam

Concen: 38.633 ng

RT: 8.69 min Scan# 1080

Delta R.T. -0.02 min

Lab File: BF107055.D

Acq: 2 Jul 2018 20:12

Instrument :

BNA_F

ClientSampleId :

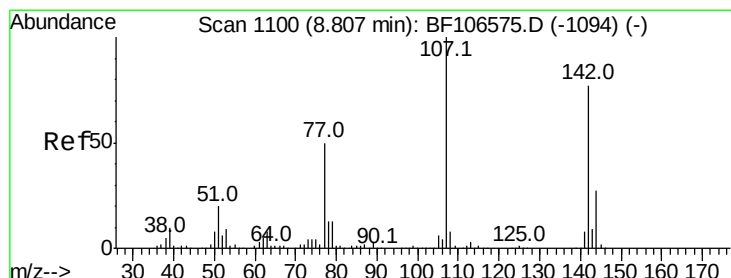
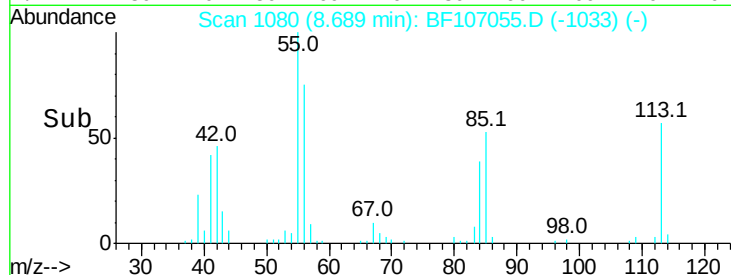
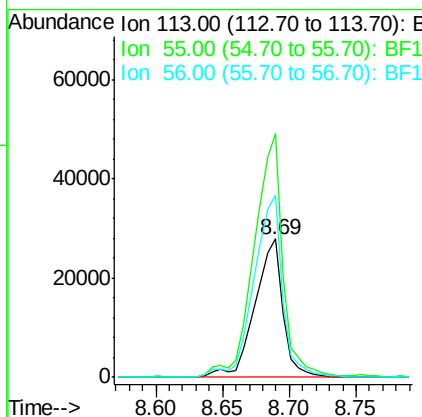
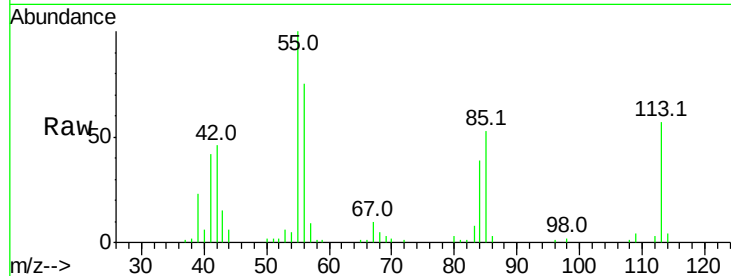
EPE-106-8(18-20)MSD

Tot Ion:113 Resp: 40316

Ion	Ratio	Lower	Upper
113	100		
55	175.7	163.3	203.3
56	131.6	115.7	155.7

Manual Integrations
APPROVED

Sohil
7/3/2018 5:30:07 PM



#36

4-Chloro-3-methylphenol

Concen: 40.391 ng

RT: 8.81 min Scan# 1100

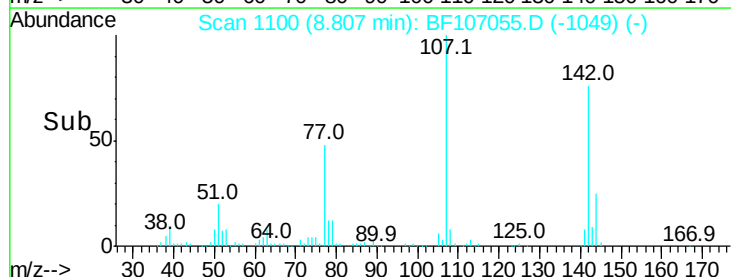
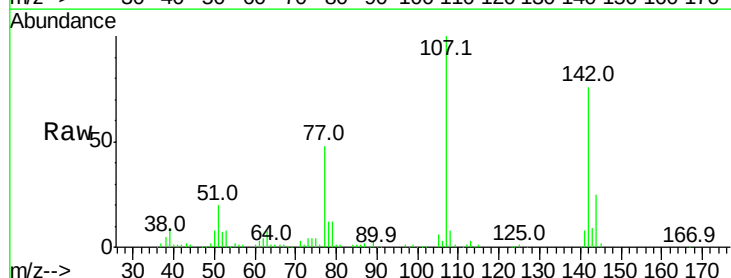
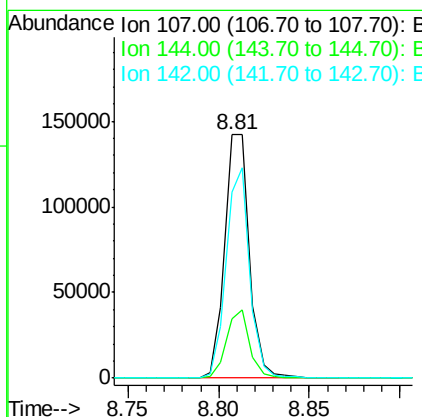
Delta R.T. 0.00 min

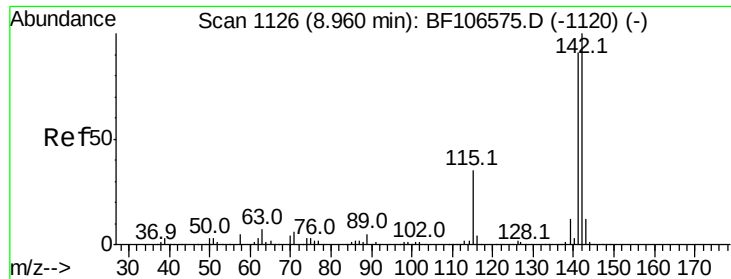
Lab File: BF107055.D

Acq: 2 Jul 2018 20:12

Tgt Ion:107 Resp: 136106

Ion	Ratio	Lower	Upper
107	100		
144	24.6	20.5	30.7
142	76.4	62.0	93.0





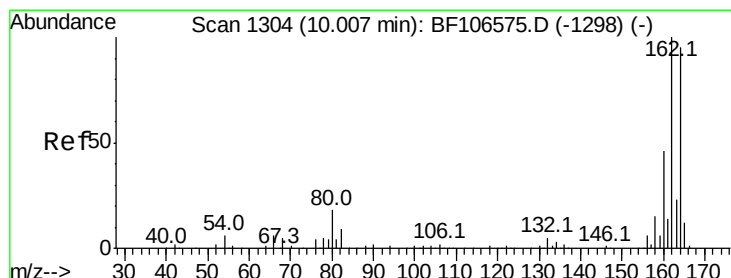
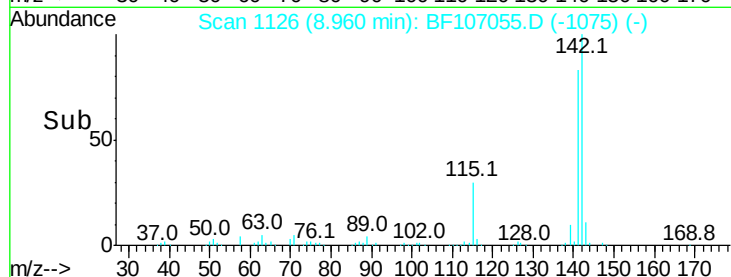
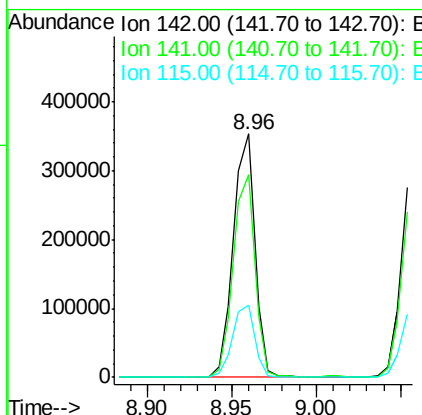
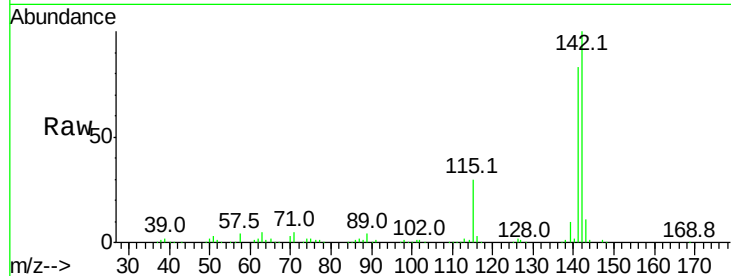
#37
2-Methylnaphthalene
Concen: 44.503 ng
RT: 8.96 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	83.4	70.8	106.2
115	29.8	26.1	39.1

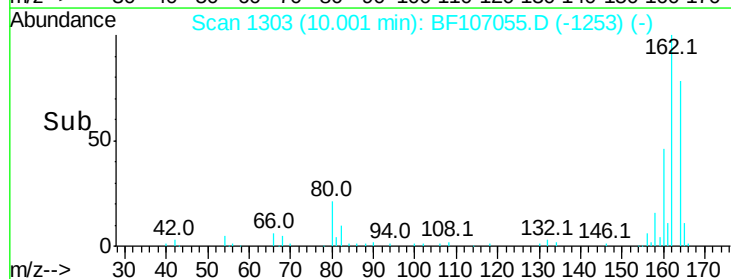
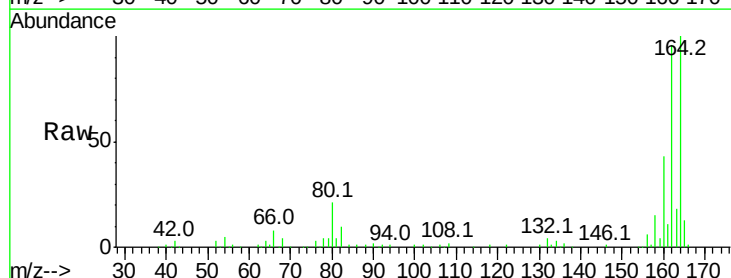
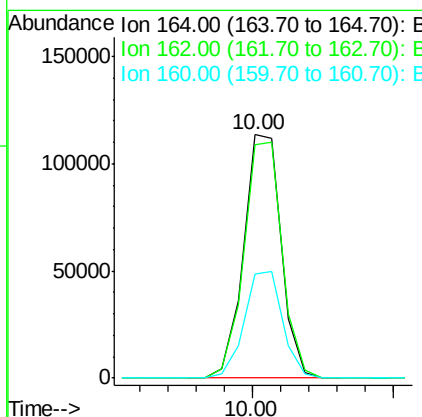
Manual Integrations
APPROVED

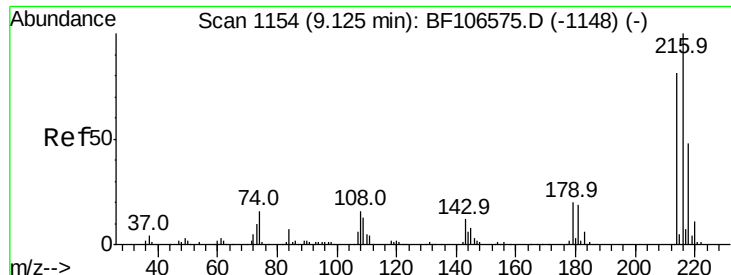
Sohil
7/3/2018 5:30:07 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.6	86.1	129.1
160	42.7	38.3	57.5





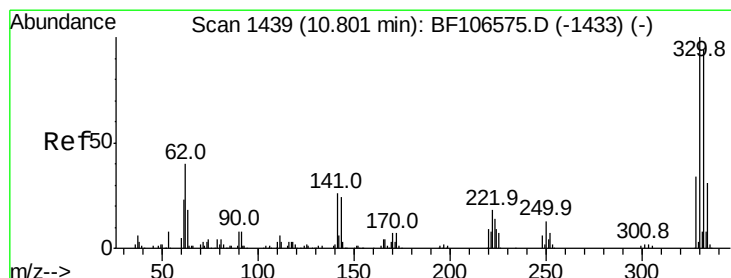
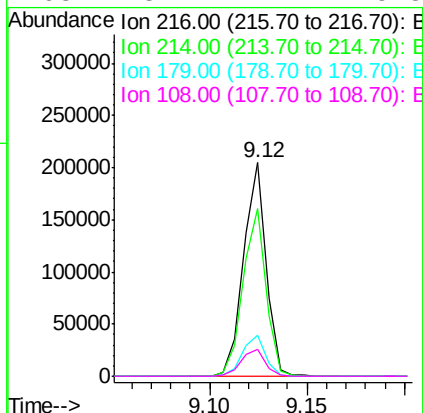
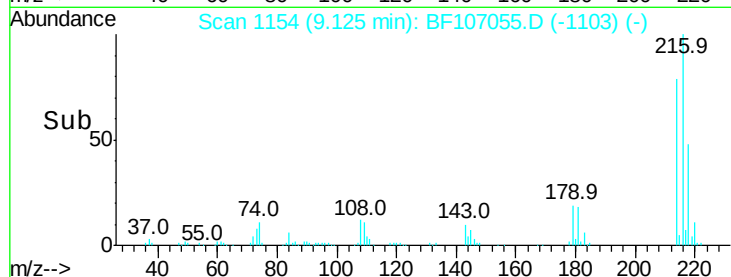
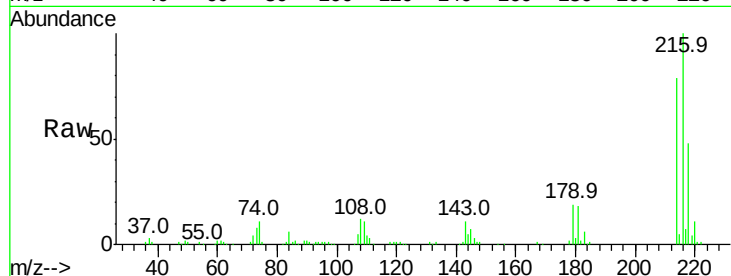
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.893 ng
 RT: 9.12 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF107055.D
 Acq: 2 Jul 2018 20:12

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

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.3	63.0	94.4
179	19.4	18.1	27.1
108	13.4	17.2	25.8

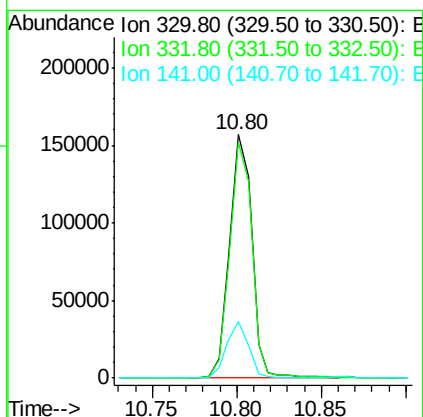
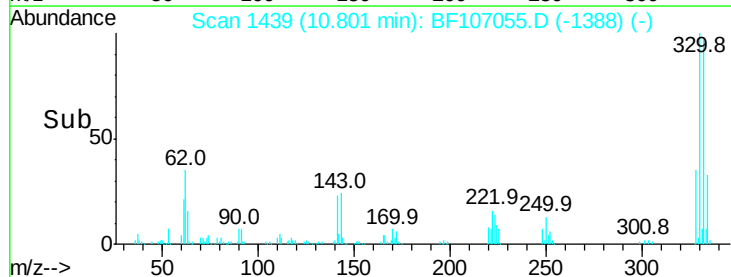
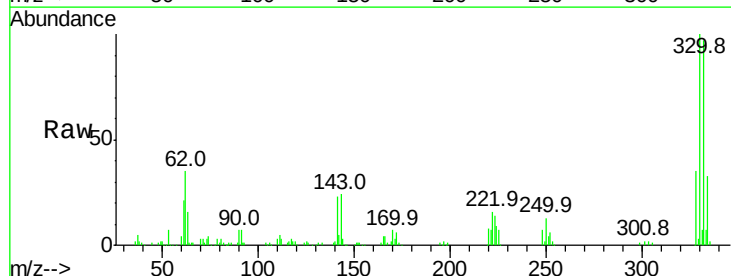
Manual Integrations
 APPROVED

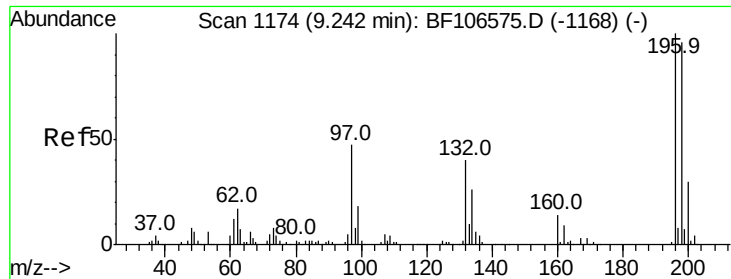
Sohil
 7/3/2018 5:30:07 PM



#41
 2,4,6-Tribromophenol
 Concen: 119.619 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF107055.D
 Acq: 2 Jul 2018 20:12

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	97.4	77.0	115.6
141	22.6	29.9	44.9





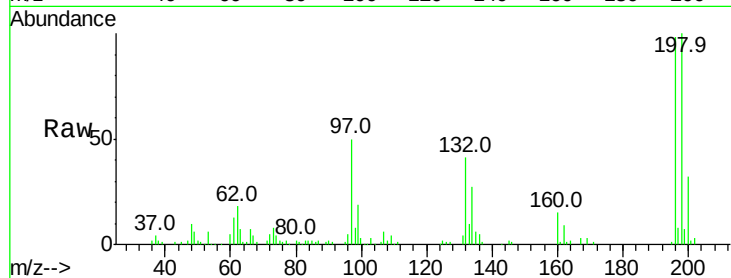
#42
 2,4,6-Trichlorophenol
 Concen: 39.156 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF107055.D
 Acq: 2 Jul 2018 20:12

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

Tot Ion	Ratio	Resp	Lower	Upper
196	100	91421		
198	102.5	75.7	113.5	
200	32.5	24.5	36.7	

Manual Integrations
 APPROVED

Sohil
 7/3/2018 5:30:07 PM

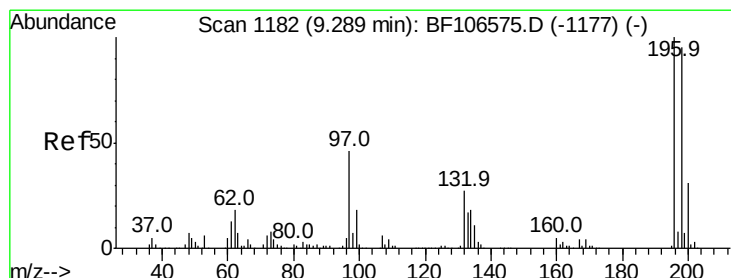
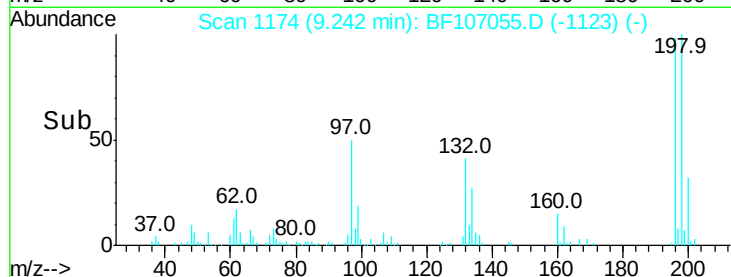
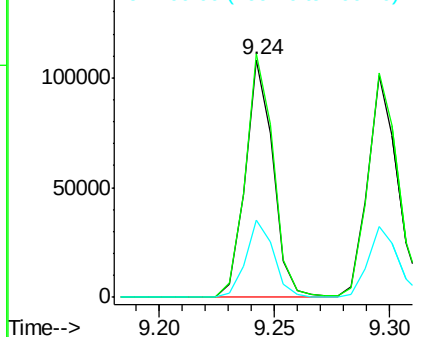


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43
 2,4,5-Trichlorophenol
 Concen: 37.314 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF107055.D
 Acq: 2 Jul 2018 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	90906		
198	101.0	74.6	112.0	
97	43.4	42.9	64.3	
132	25.6	26.3	39.5	

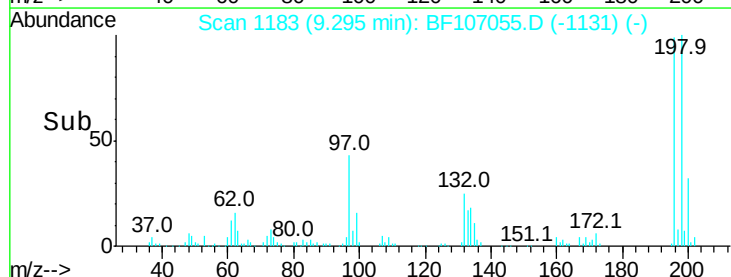
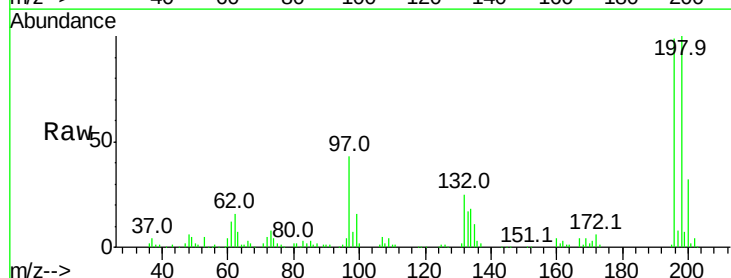
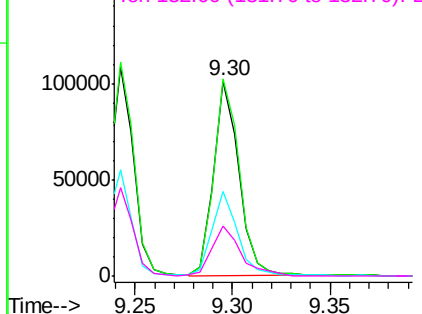
Abundance

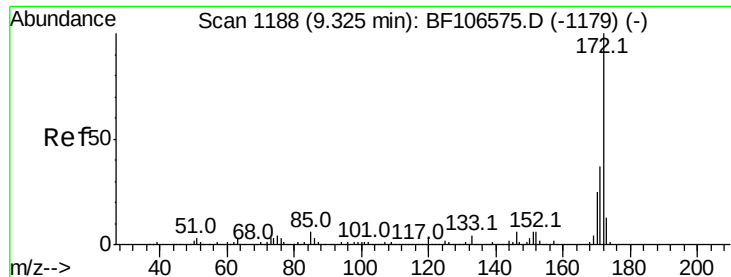
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





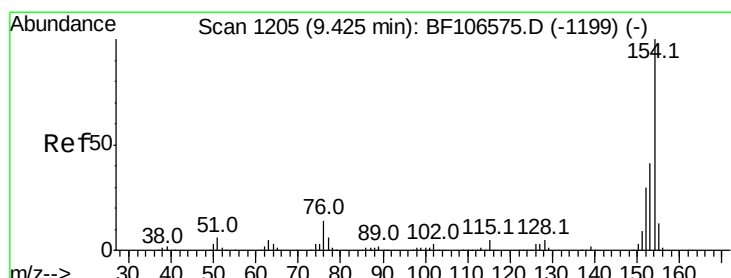
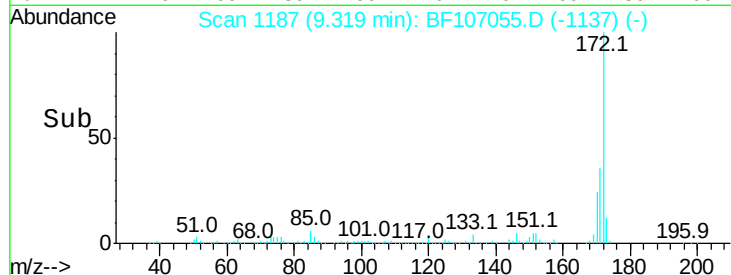
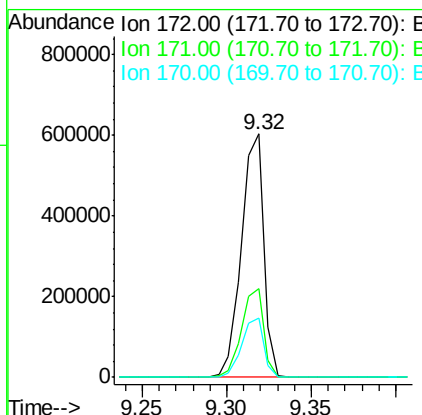
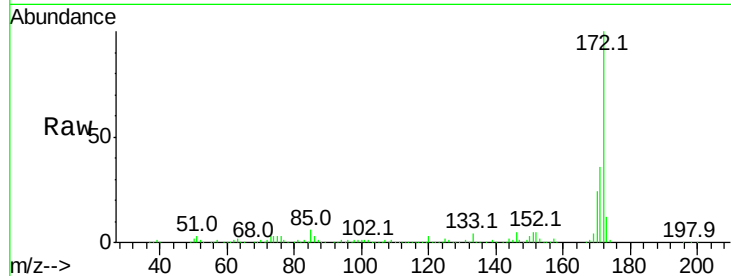
#44
2-Fluorobiphenyl
Concen: 91.495 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

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

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.3	29.7	44.5	
170	24.2	19.6	29.4	

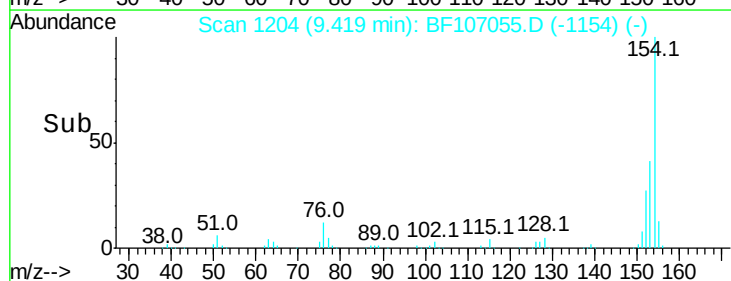
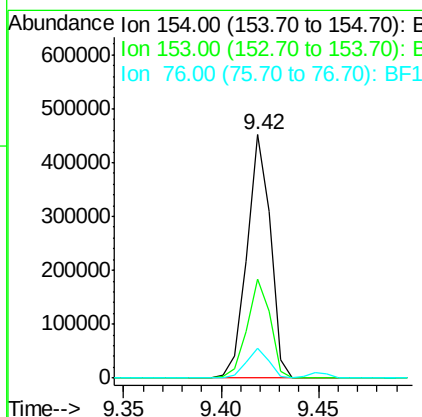
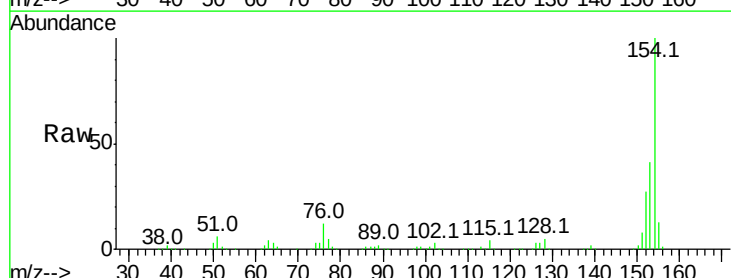
Manual Integrations
APPROVED

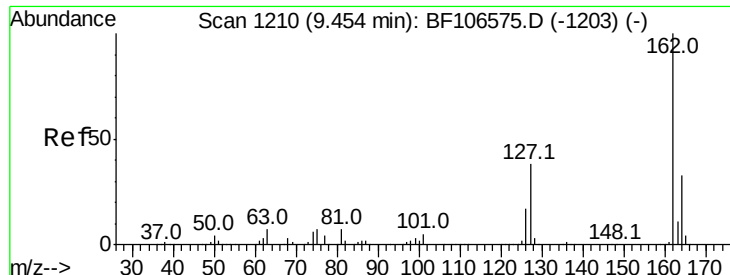
Sohil
7/3/2018 5:30:07 PM



#45
1,1'-Biphenyl
Concen: 45.078 ng
RT: 9.42 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.6	21.3	61.3	
76	12.4	0.0	34.0	





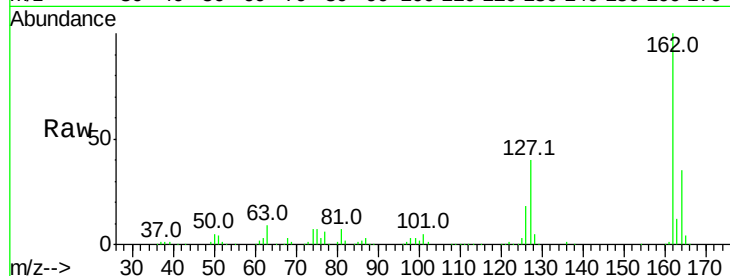
#46
2-Chloronaphthalene
Concen: 40.835 ng
RT: 9.45 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

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

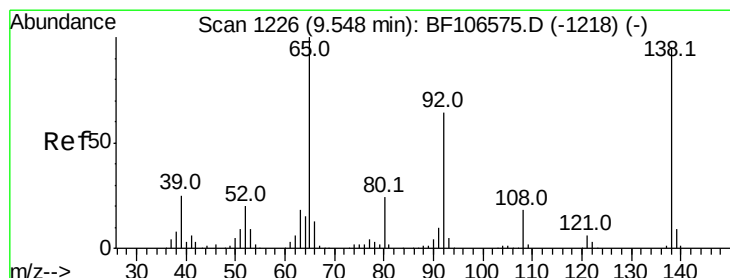
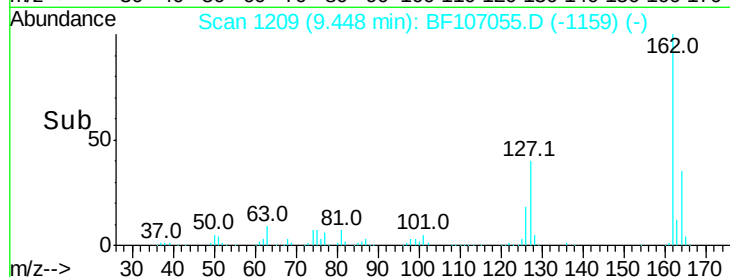
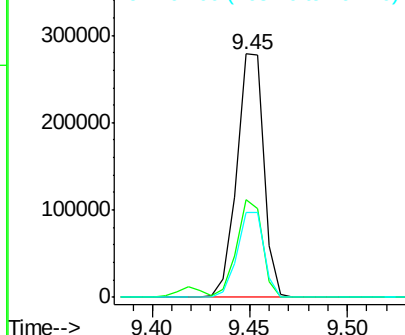
Tot Ion	Ratio	Resp	Lower	Upper
162	100	267173		
127	40.3		33.9	50.9
164	34.6		26.5	39.7

Manual Integrations
APPROVED

Sohil
7/3/2018 5:30:07 PM

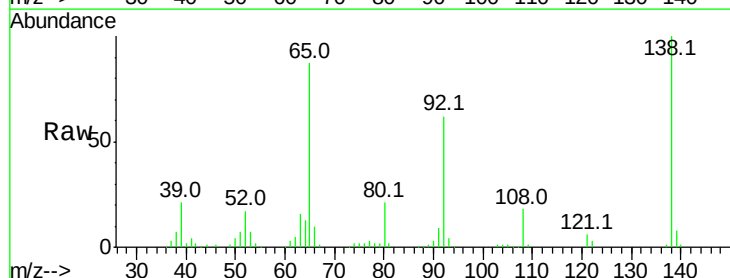


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

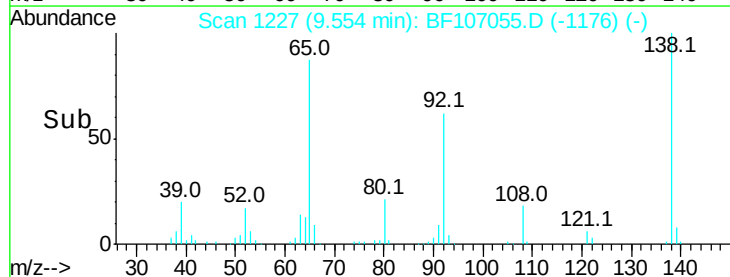
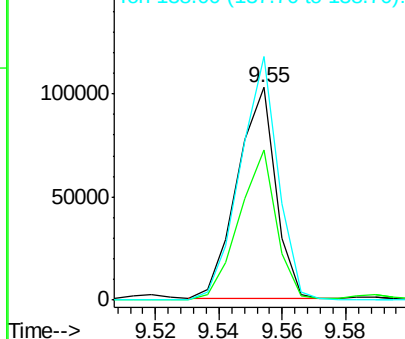


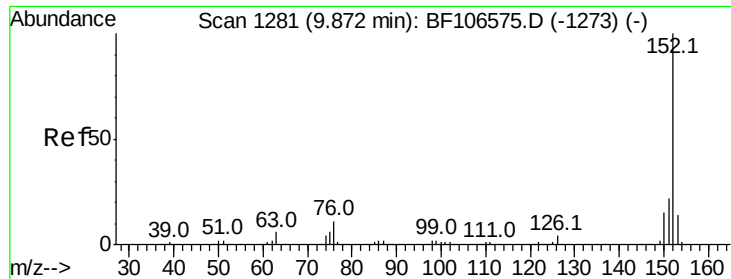
#47
2-Nitroaniline
Concen: 39.026 ng
RT: 9.55 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	85862		
92	70.7		55.8	83.6
138	114.7		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





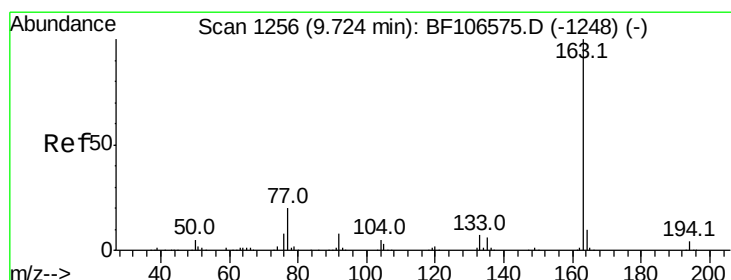
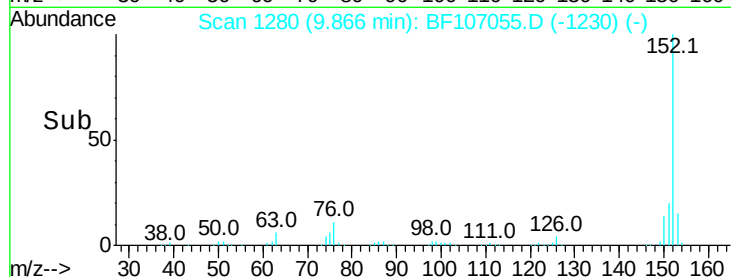
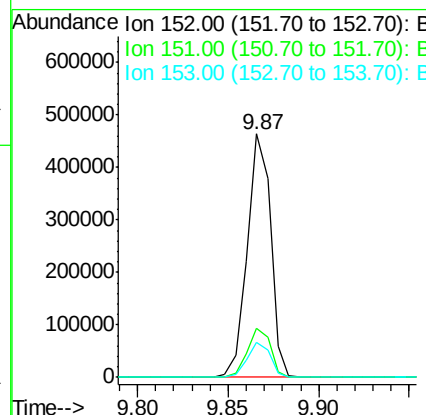
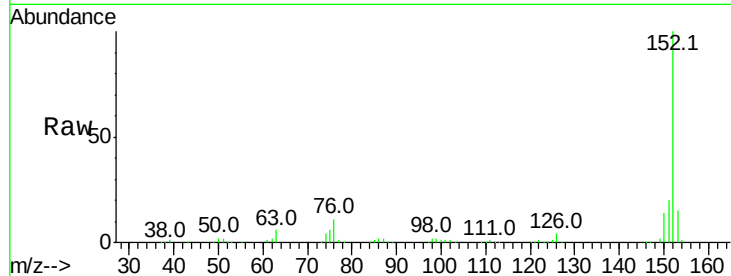
#48
Acenaphthylene
Concen: 40.211 ng
RT: 9.87 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

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

Tot Ion	Ratio	Resp	Lower	Upper
152	100	415370		
151	20.3		16.3	24.5
153	14.6		10.7	16.1

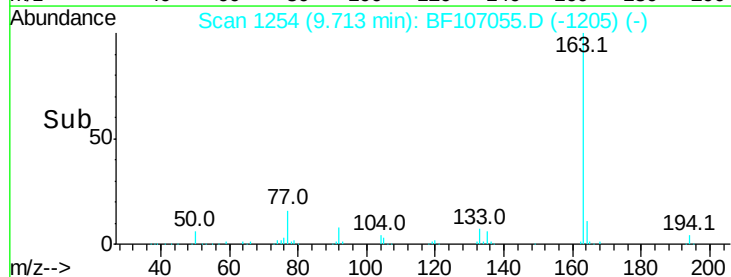
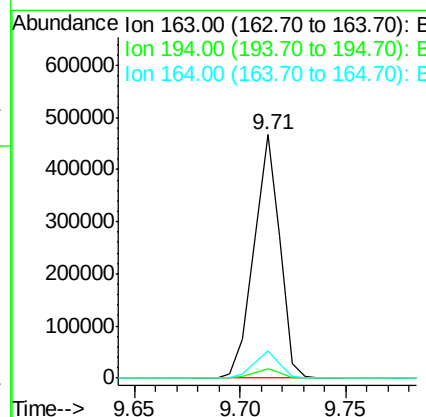
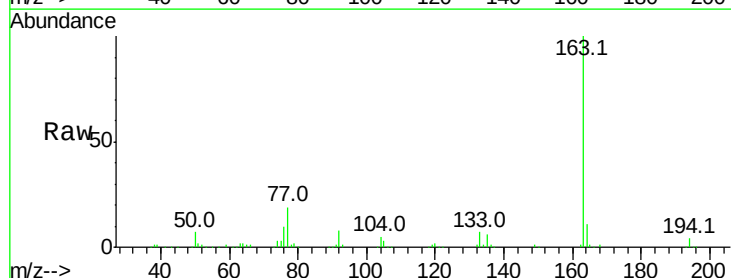
Manual Integrations
APPROVED

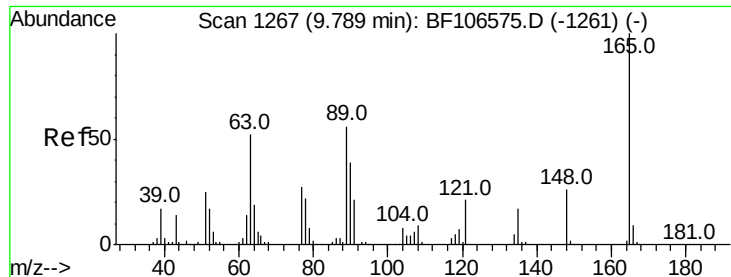
Sohil
7/3/2018 5:30:07 PM



#49
Dimethylphthalate
Concen: 50.800 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	397381		
194	4.0		2.7	4.1
164	11.2		8.2	12.2





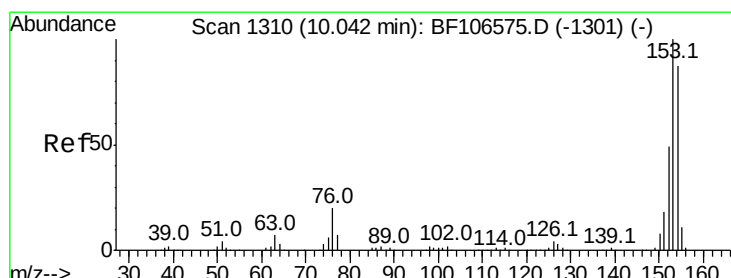
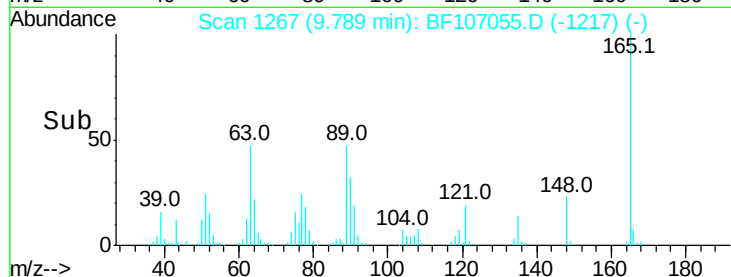
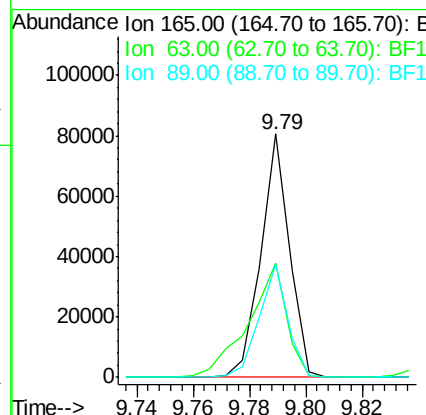
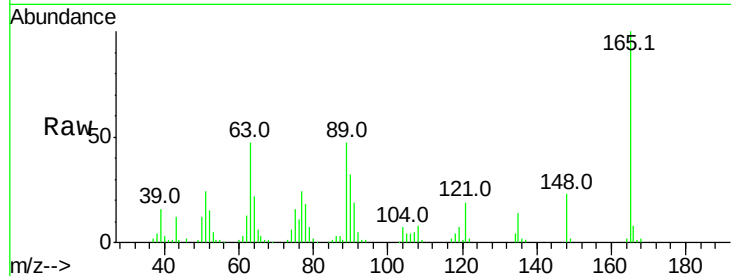
#50
 2,6-Dinitrotoluene
 Concen: 34.028 ng
 RT: 9.79 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF107055.D
 Acq: 2 Jul 2018 20:12

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

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	47.0		44.7	67.1
89	46.5		44.0	66.0

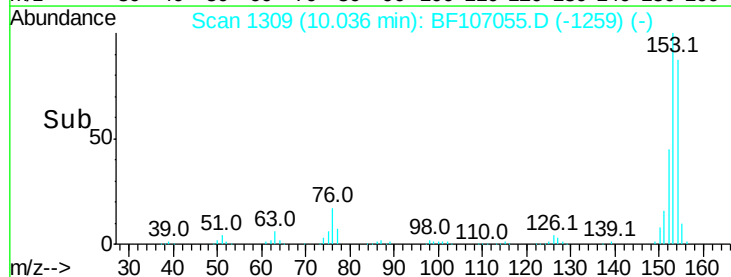
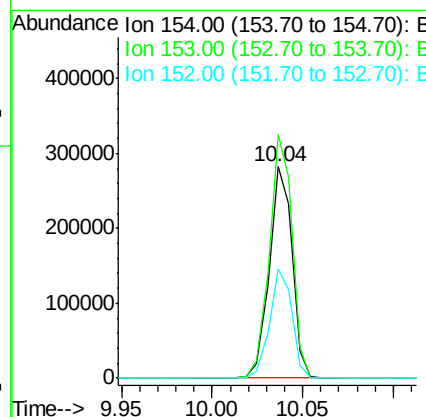
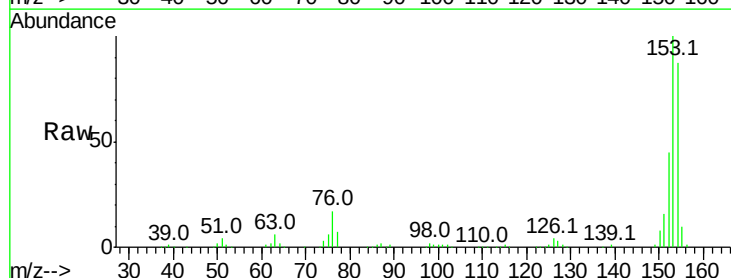
Manual Integrations
 APPROVED

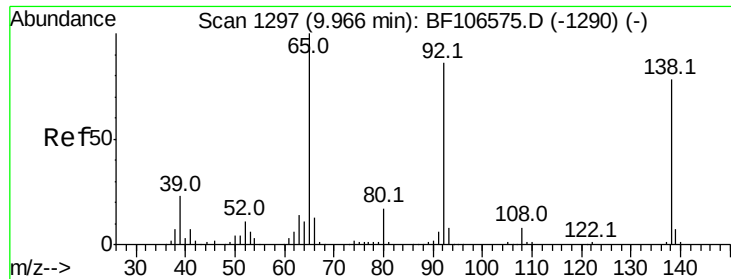
Sohil
 7/3/2018 5:30:07 PM



#51
 Acenaphthene
 Concen: 38.000 ng
 RT: 10.04 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF107055.D
 Acq: 2 Jul 2018 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	115.4		91.2	136.8
152	51.7		43.8	65.8





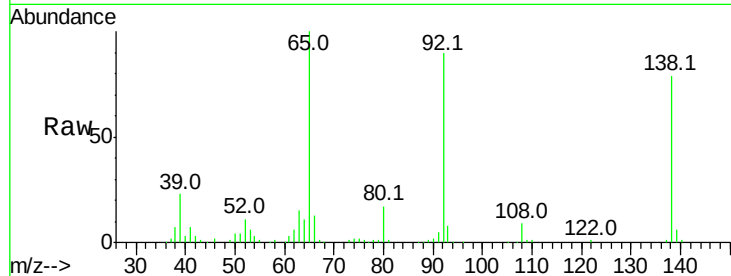
#52
3-Nitroaniline
Concen: 42.934 ng
RT: 9.97 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

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

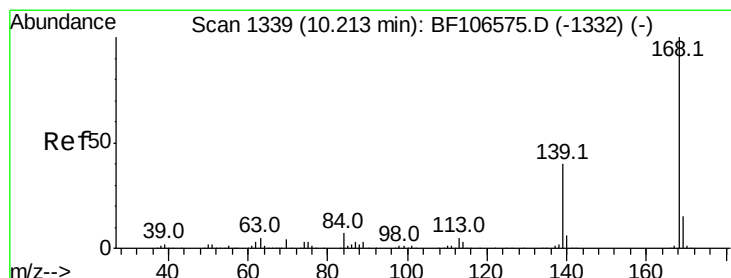
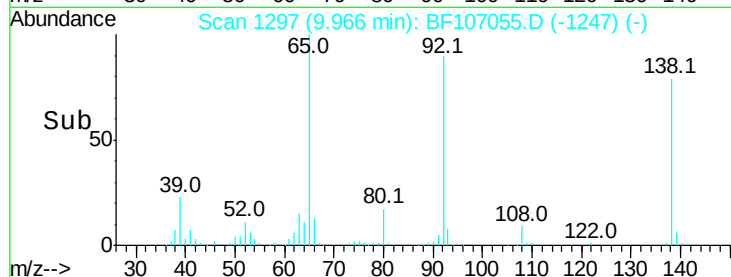
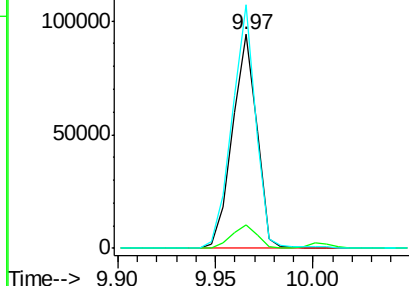
Tot Ion	Ratio	Lower	Upper
138	100		
108	11.2	9.4	14.0
92	113.8	89.4	134.2

Manual Integrations
APPROVED

Sohil
7/3/2018 5:30:07 PM



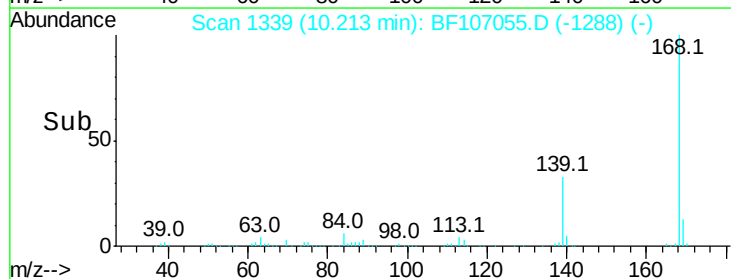
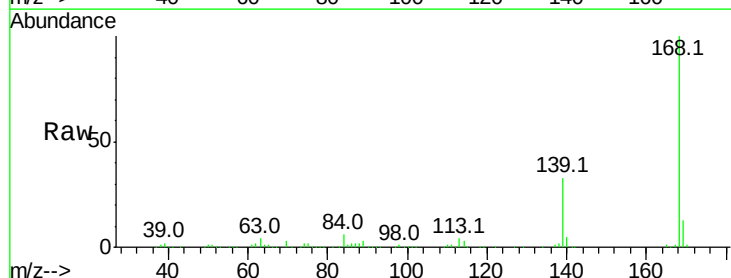
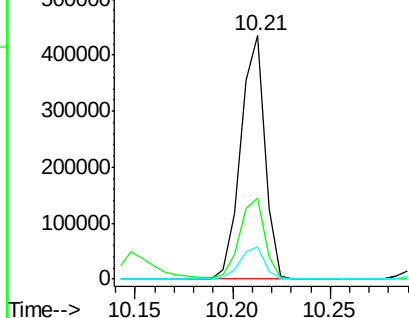
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

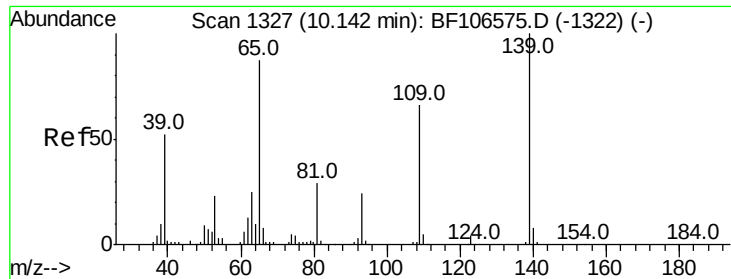


#54
Dibenzofuran
Concen: 42.022 ng
RT: 10.21 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion	Ratio	Lower	Upper
168	100		
139	33.2	30.1	45.1
169	13.1	10.9	16.3

Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





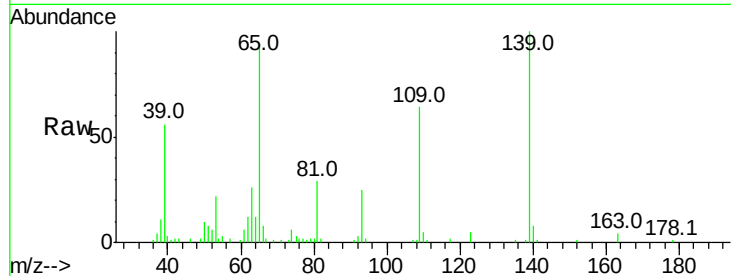
#55
4-Nitrophenol
Concen: 45.144 ng
RT: 10.15 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

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

Tot Ion	Ratio	Lower	Upper
139	100		
109	64.2	48.4	88.4
65	94.1	72.6	112.6

Manual Integrations
APPROVED

Sohil
7/3/2018 5:30:07 PM

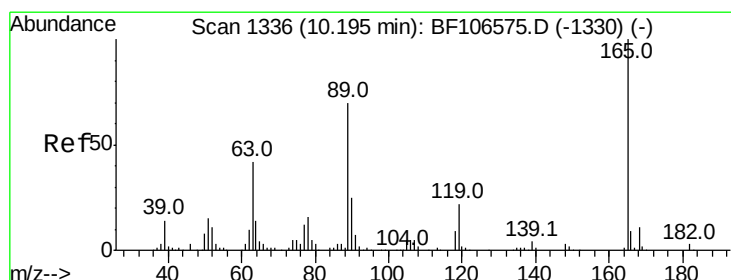
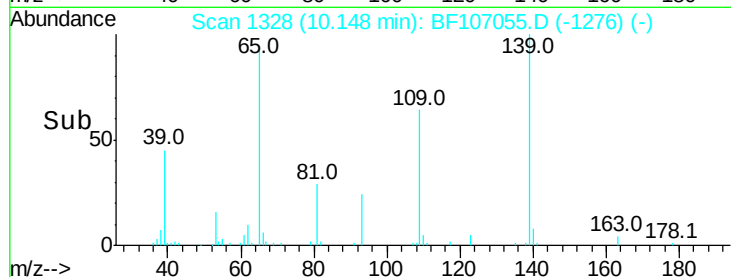
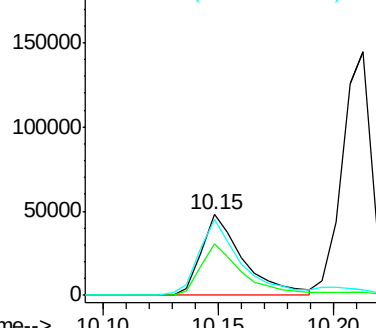


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56
2,4-Dinitrotoluene
Concen: 29.588 ng
RT: 10.20 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	41.2	36.4	54.6
89	62.3	57.8	86.6
182	2.2	1.6	2.4

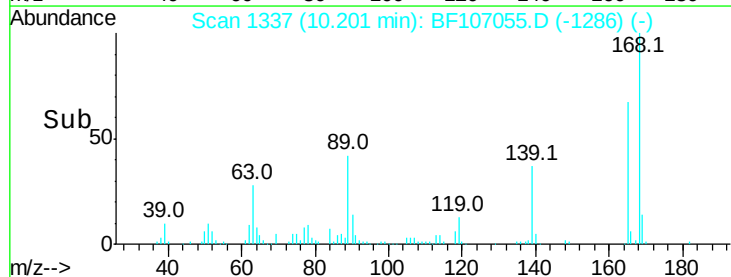
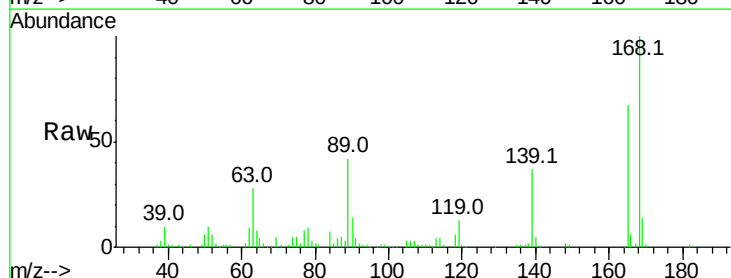
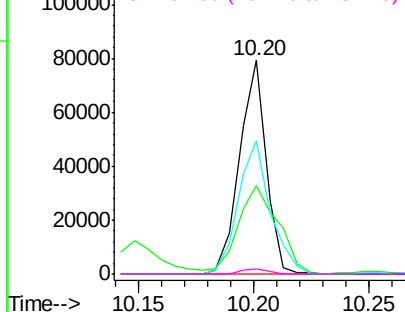
Abundance

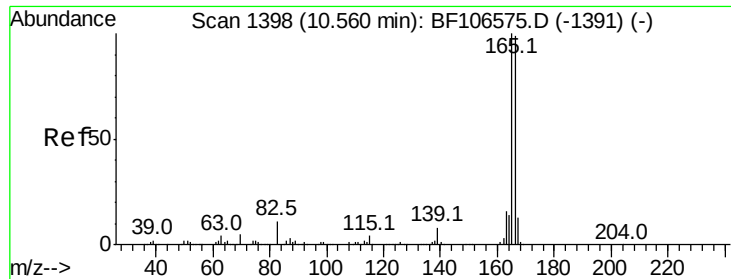
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





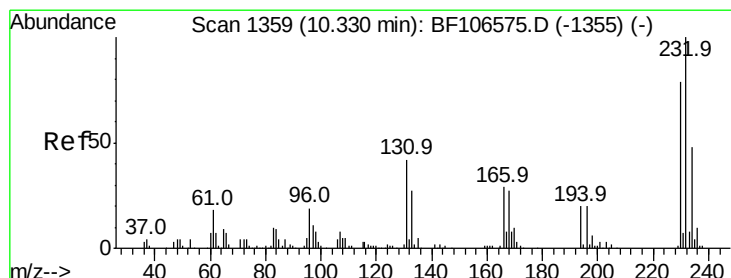
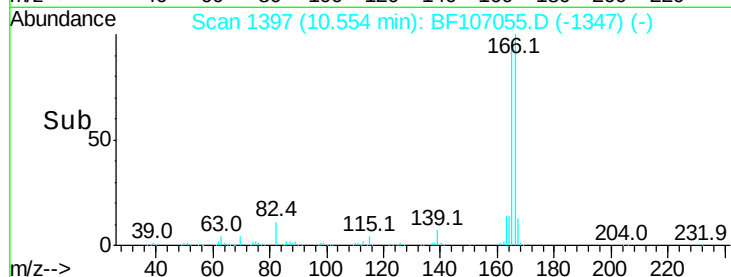
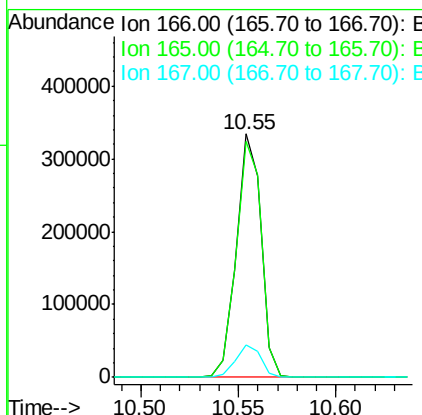
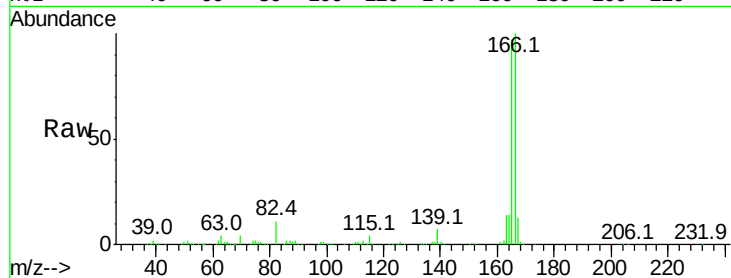
#57
 Fluorene
 Concen: 41.359 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF107055.D
 Acq: 2 Jul 2018 20:12

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

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.0	79.8	119.8
167	13.5	10.6	16.0

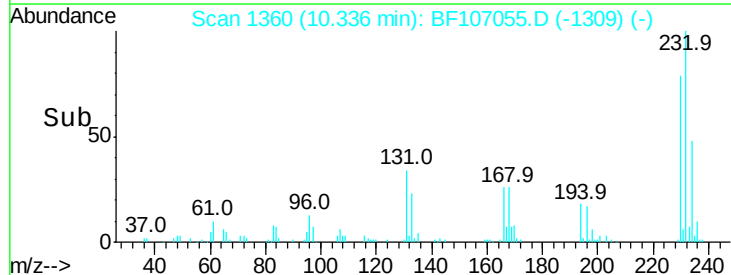
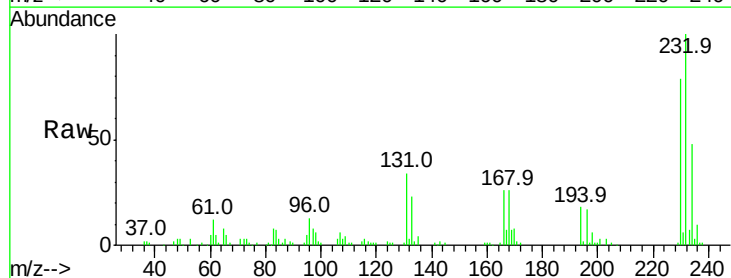
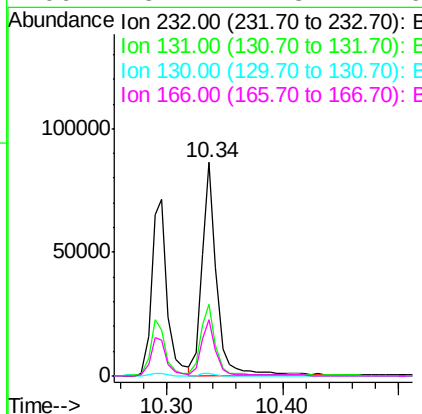
Manual Integrations
 APPROVED

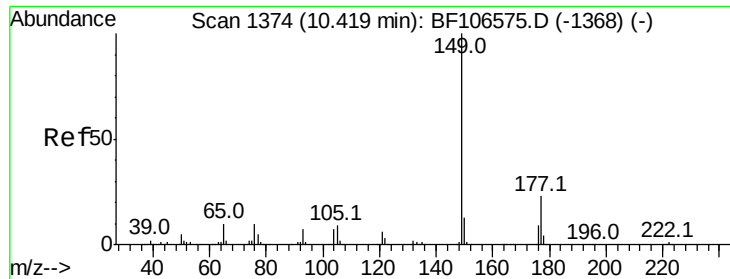
Sohil
 7/3/2018 5:30:07 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.425 ng
 RT: 10.34 min Scan# 1360
 Delta R.T. 0.00 min
 Lab File: BF107055.D
 Acq: 2 Jul 2018 20:12

Tgt Ion	Ratio	Lower	Upper
232	100		
131	34.9	43.8	65.8#
130	1.4	2.1	3.1#
166	25.4	27.8	41.6#





#59

Diethylphthalate

Concen: 40.641 ng

RT: 10.41 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BF107055.D

Acq: 2 Jul 2018 20:12

Instrument :

BNA_F

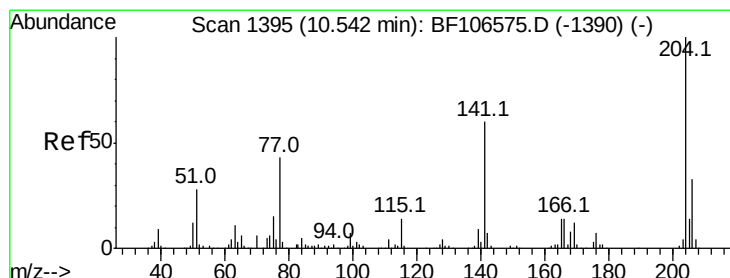
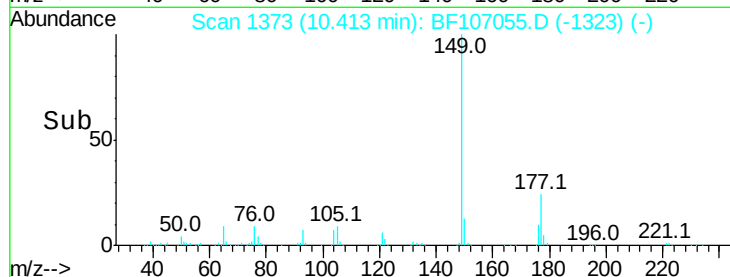
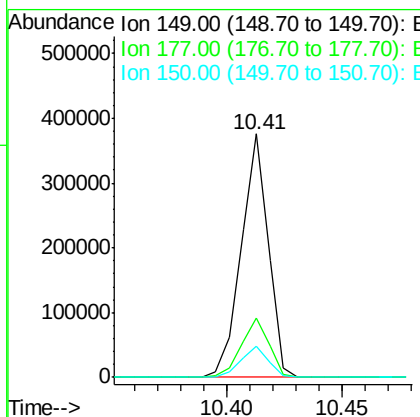
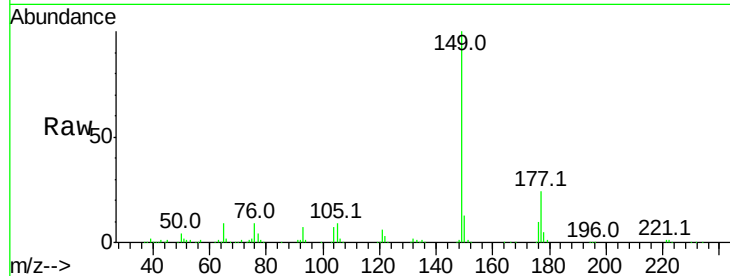
ClientSampleId :

EPE-106-8(18-20)MSD

Tot Ion:	149	Resp:	306838
Ion Ratio	Lower	Upper	
149	100		
177	24.4	16.1	24.1#
150	12.6	10.1	15.1

Manual Integrations
APPROVED

Sohil
7/3/2018 5:30:07 PM



#60

4-Chlorophenyl-phenylether

Concen: 42.246 ng

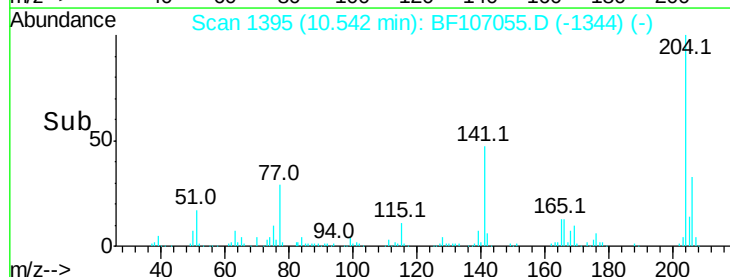
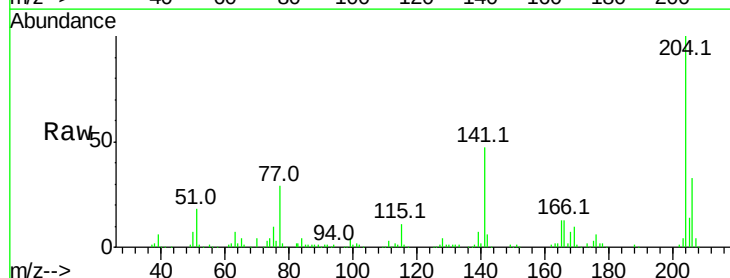
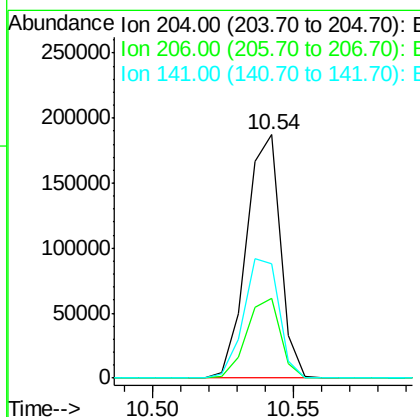
RT: 10.54 min Scan# 1395

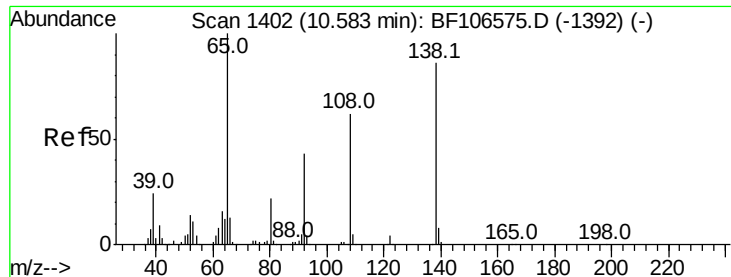
Delta R.T. 0.00 min

Lab File: BF107055.D

Acq: 2 Jul 2018 20:12

Tgt Ion:	204	Resp:	156232
Ion Ratio	Lower	Upper	
204	100		
206	32.6	26.5	39.7
141	47.1	54.6	81.8#





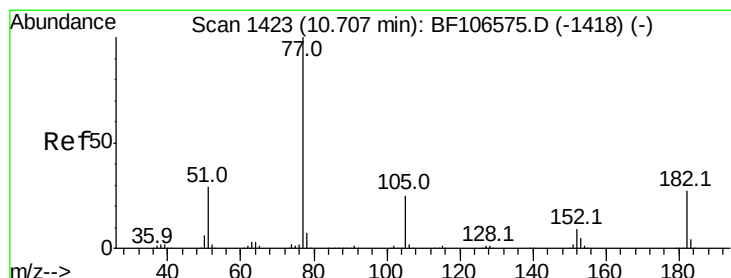
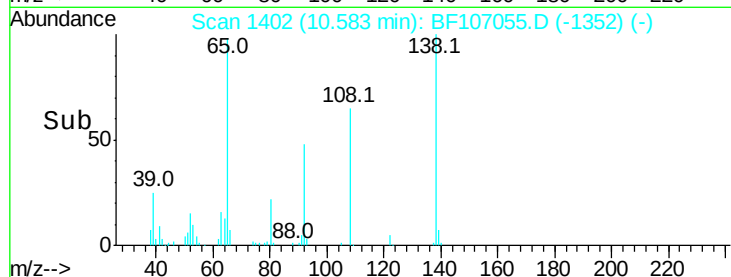
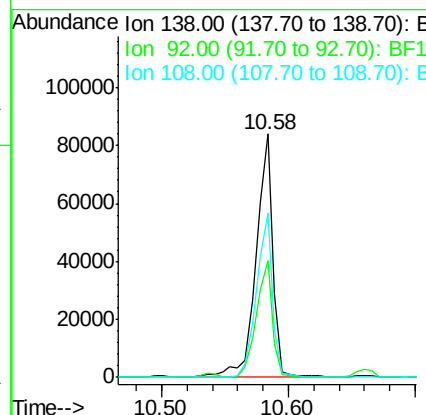
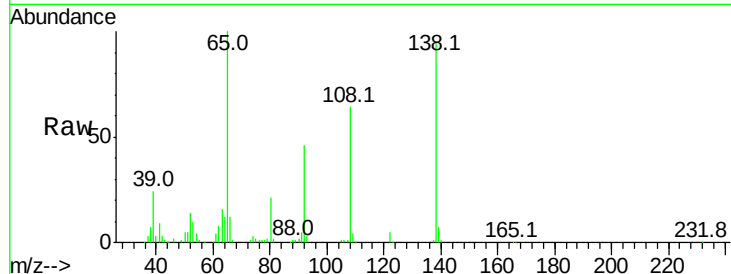
#61
4-Nitroaniline
Concen: 41.538 ng
RT: 10.58 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

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

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.9	30.2	70.2
108	67.3	52.5	92.5

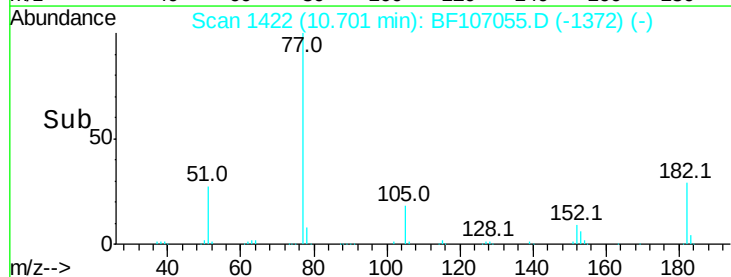
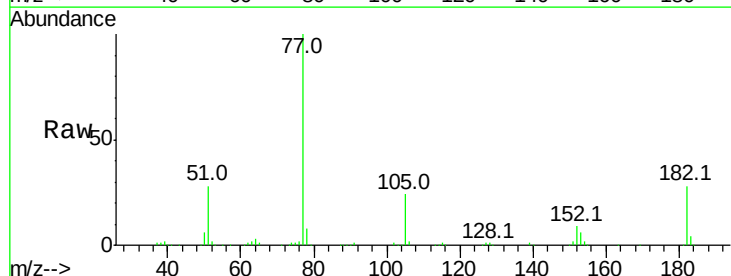
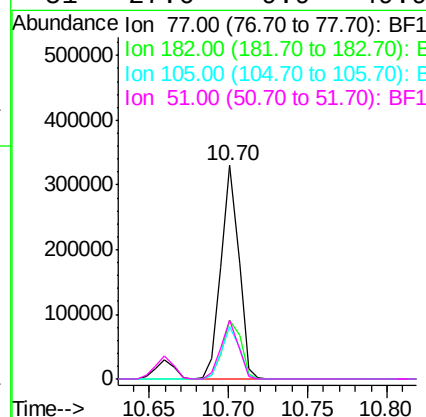
Manual Integrations
APPROVED

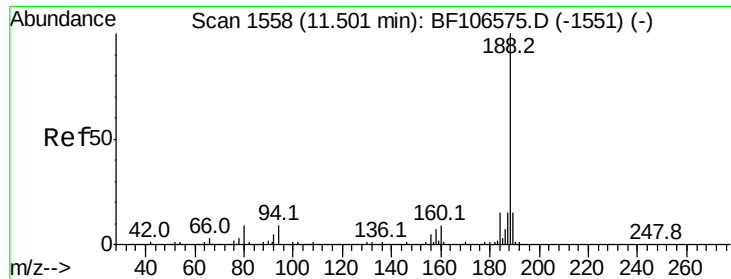
Sohil
7/3/2018 5:30:07 PM



#62
Azobenzene
Concen: 34.916 ng
RT: 10.70 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.7	1.7	41.7
105	24.3	3.0	43.0
51	27.6	9.9	49.9





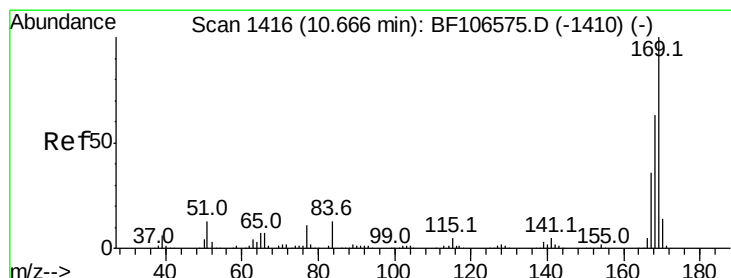
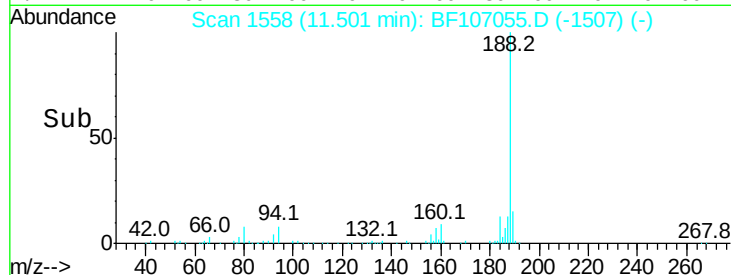
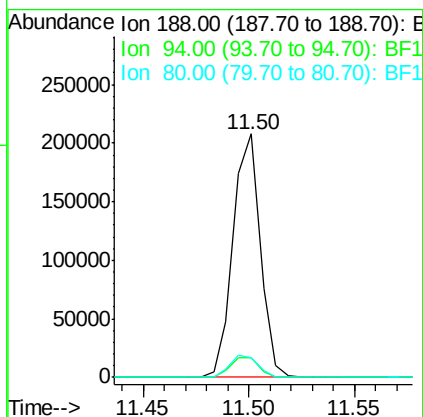
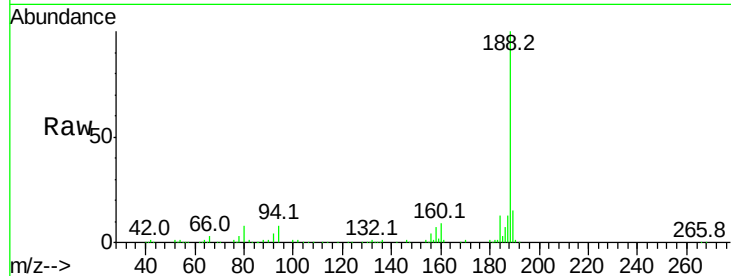
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

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

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	8.1	8.5	12.7#	
80	8.2	9.2	13.8#	

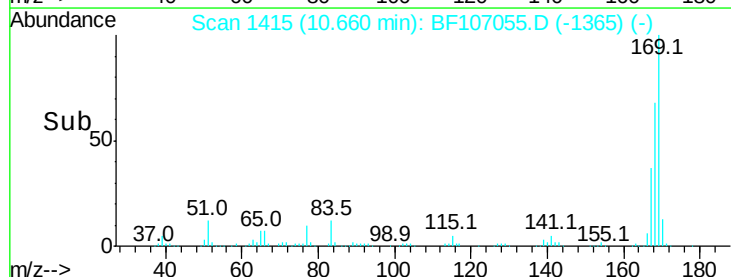
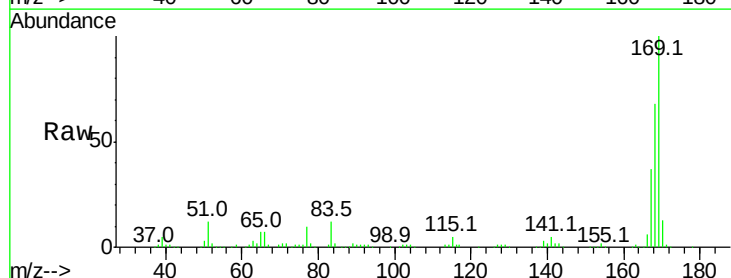
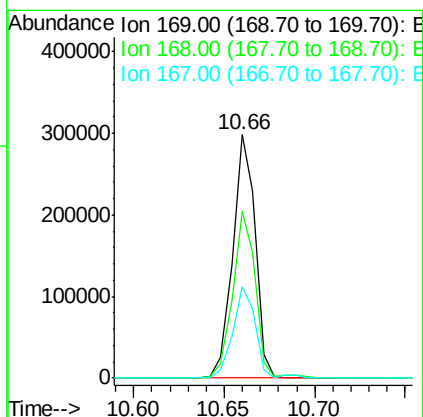
Manual Integrations
APPROVED

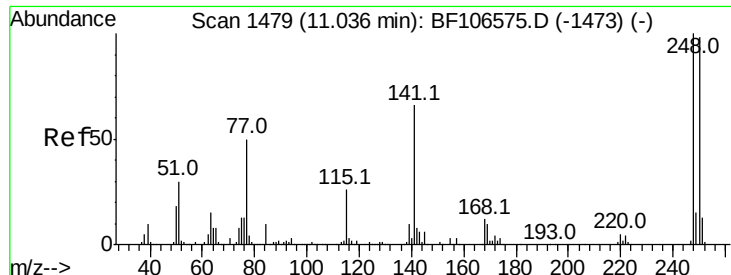
Sohil
7/3/2018 5:30:07 PM



#65
n-Nitrosodiphenylamine
Concen: 41.325 ng
RT: 10.66 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
169	100			
168	68.3	54.4	81.6	
167	37.5	29.8	44.6	





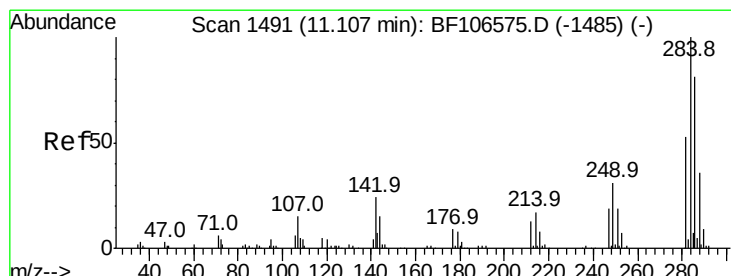
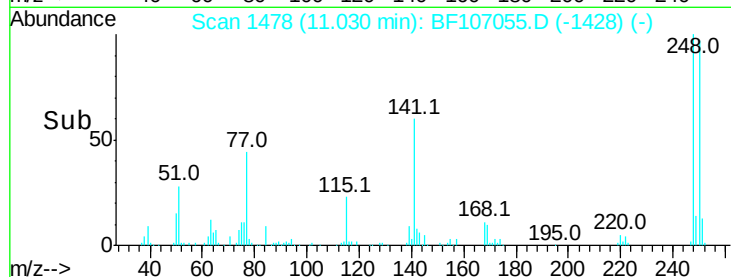
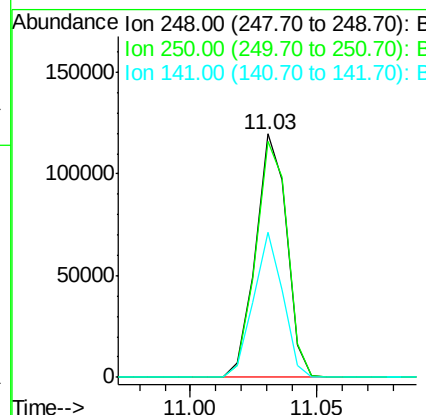
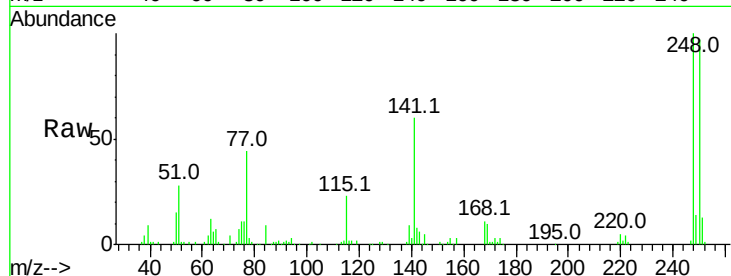
#66
4-Bromophenyl-phenylether
Concen: 46.705 ng
RT: 11.03 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

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

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	76.9	115.3
141	59.7	74.4	111.6

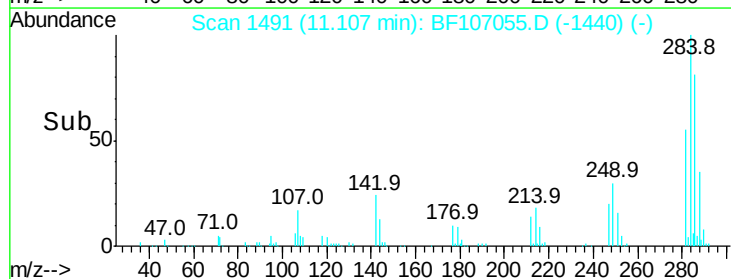
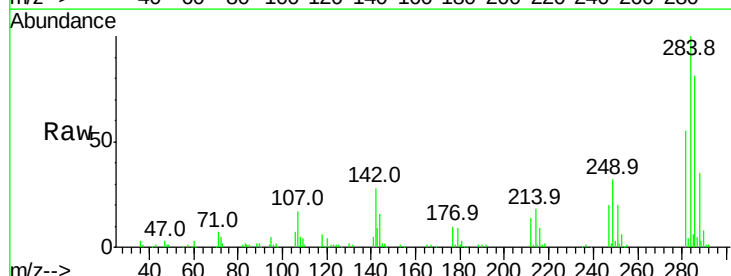
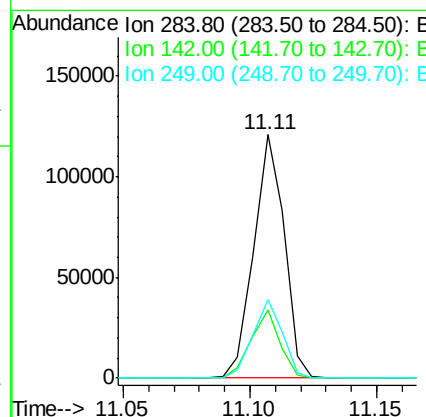
Manual Integrations
APPROVED

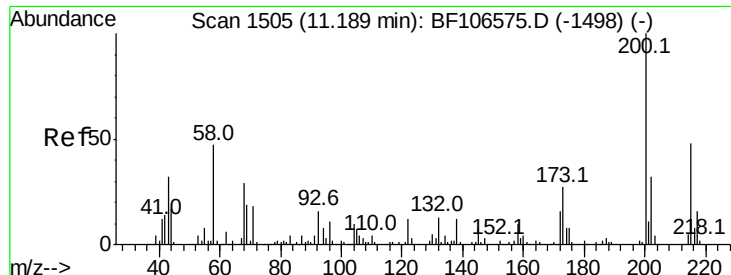
Sohil
7/3/2018 5:30:07 PM



#67
Hexachlorobenzene
Concen: 44.002 ng
RT: 11.11 min Scan# 1491
Delta R.T. 0.00 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.9	34.6	52.0
249	32.1	24.8	37.2





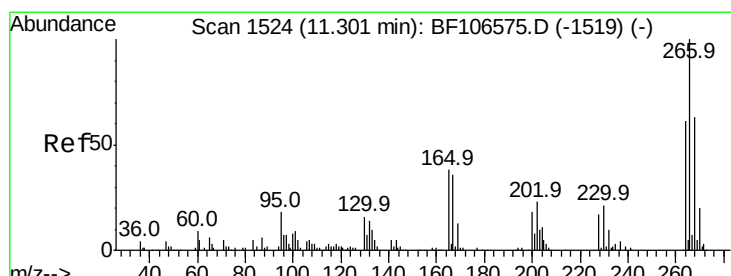
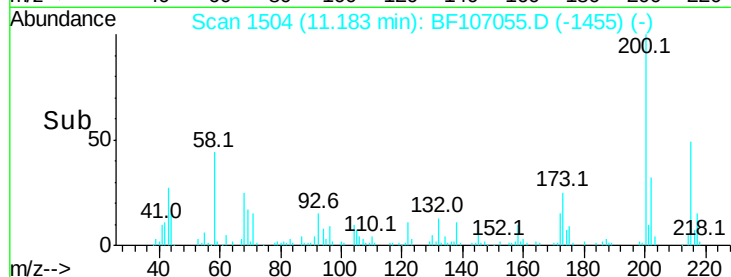
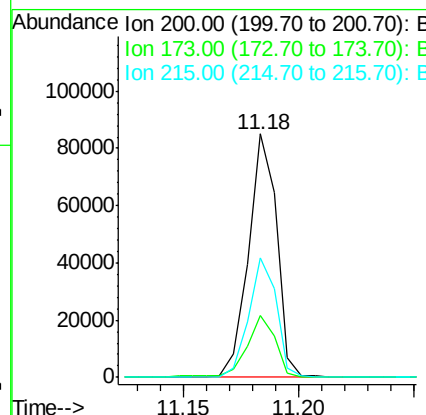
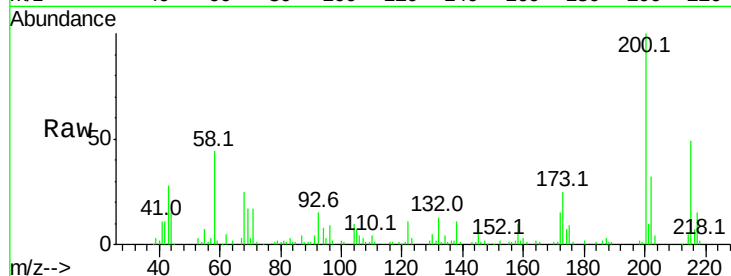
#68
 Atrazine
 Concen: 36.883 ng
 RT: 11.18 min Scan# 1504
 Delta R.T. -0.01 min
 Lab File: BF107055.D
 Acq: 2 Jul 2018 20:12

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

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.4	8.6	48.6
215	49.1	25.1	65.1

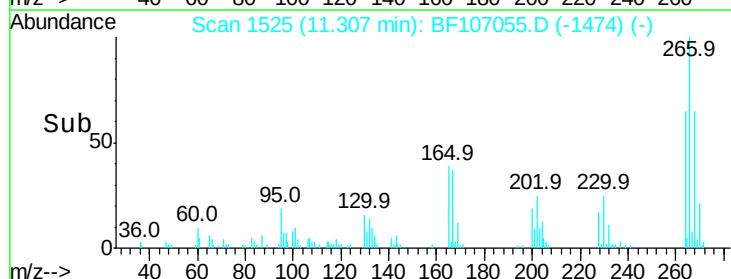
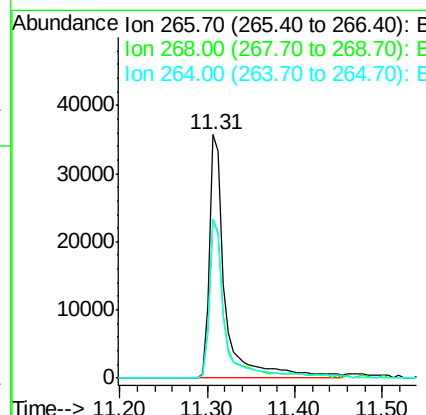
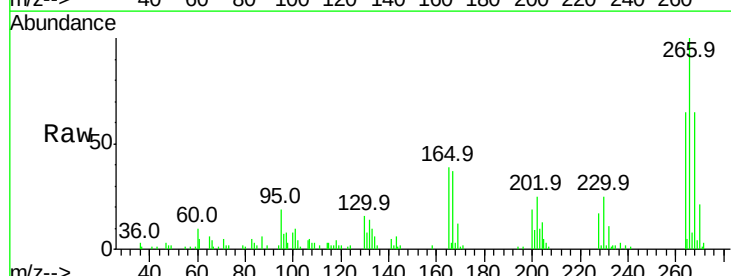
Manual Integrations
 APPROVED

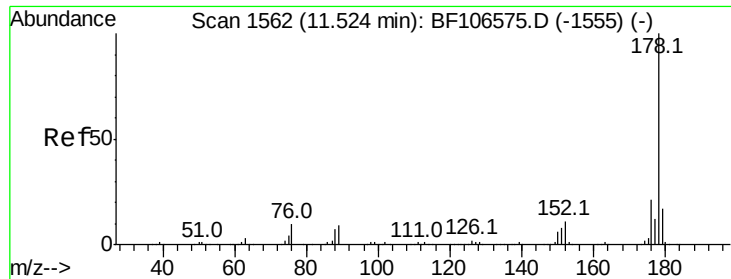
Sohil
 7/3/2018 5:30:07 PM



#69
 Pentachlorophenol
 Concen: 39.778 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. -0.00 min
 Lab File: BF107055.D
 Acq: 2 Jul 2018 20:12

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.5	51.1	76.7
264	65.3	49.5	74.3





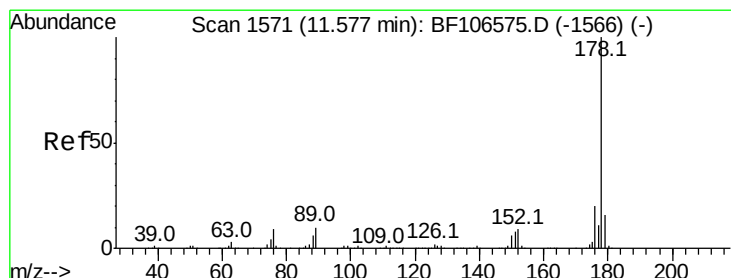
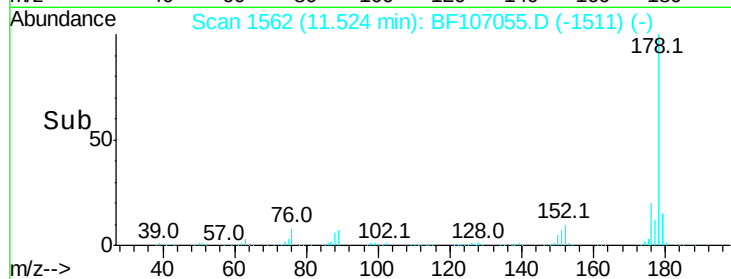
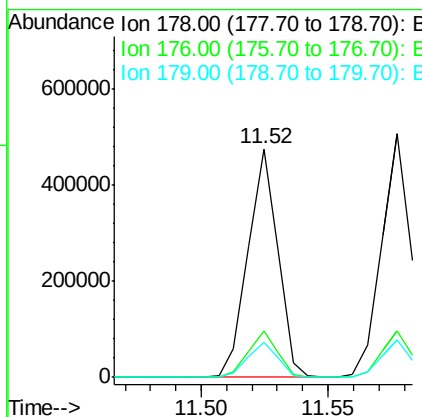
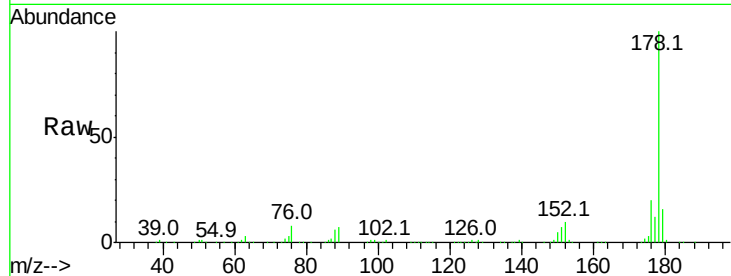
#70
Phenanthrene
Concen: 44.112 ng
RT: 11.52 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.8	23.8
179	15.5	13.0	19.6

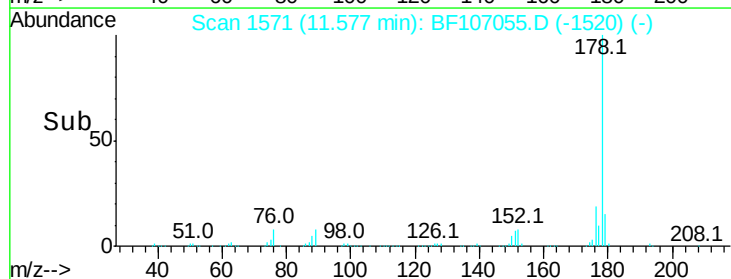
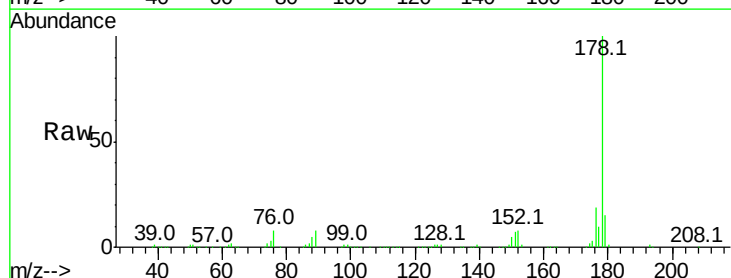
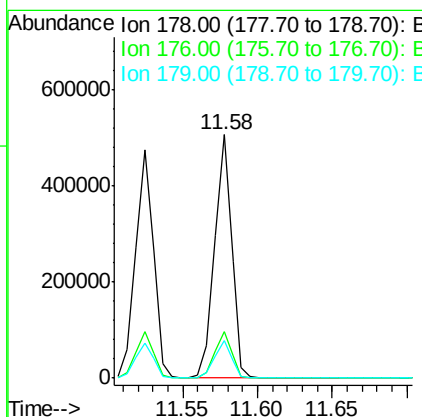
Manual Integrations
APPROVED

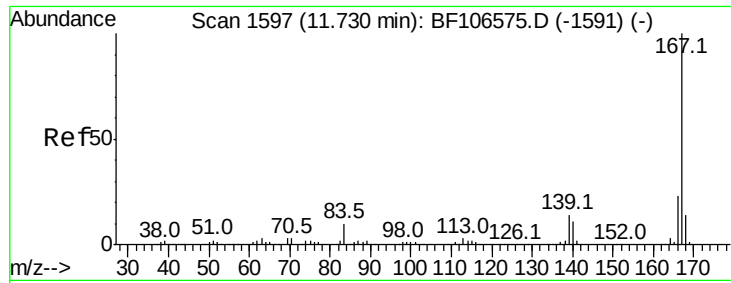
Sohil
7/3/2018 5:30:07 PM



#71
Anthracene
Concen: 44.843 ng
RT: 11.58 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

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





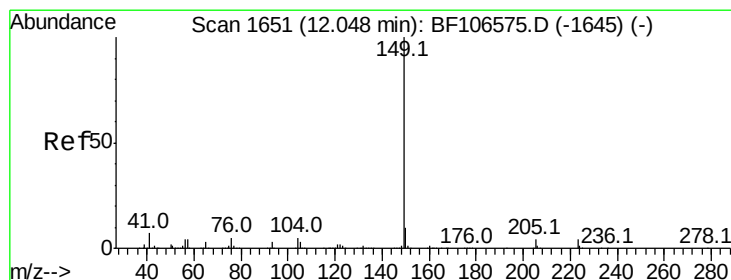
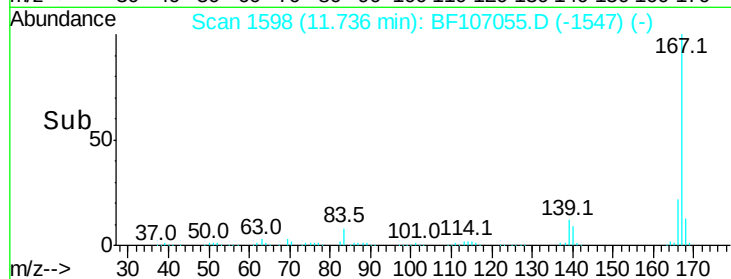
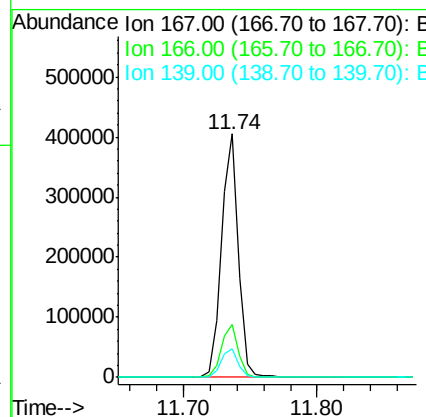
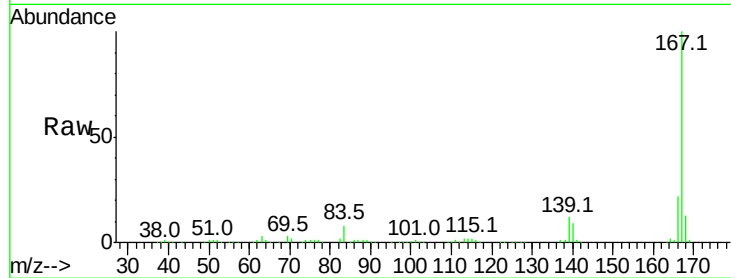
#72
 Carbazole
 Concen: 42.522 ng
 RT: 11.74 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF107055.D
 Acq: 2 Jul 2018 20:12

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

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	21.7	17.6	26.4	
139	11.5	10.9	16.3	

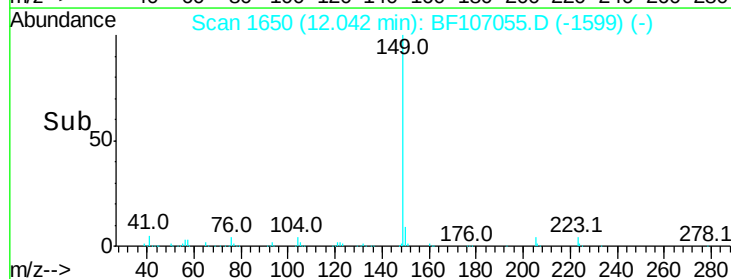
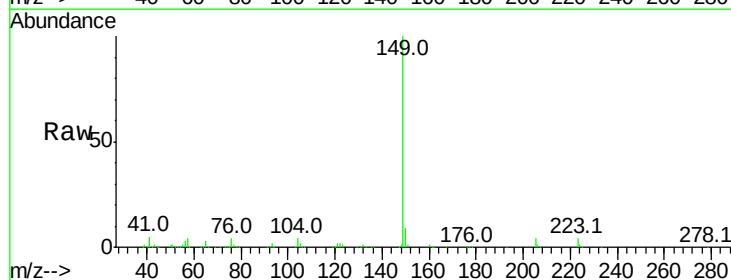
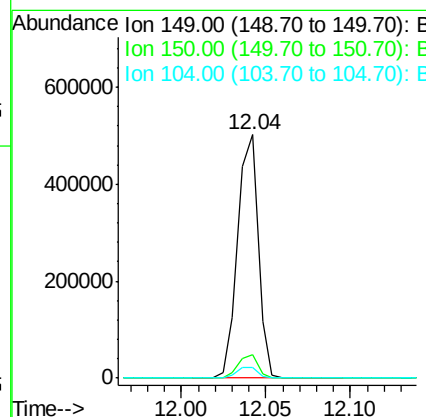
Manual Integrations
 APPROVED

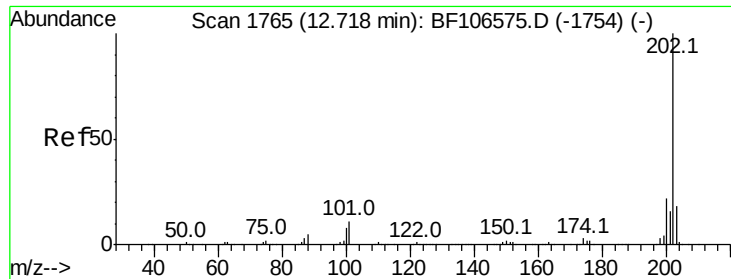
Sohil
 7/3/2018 5:30:07 PM



#73
 Di-n-butylphthalate
 Concen: 42.317 ng
 RT: 12.04 min Scan# 1650
 Delta R.T. 0.00 min
 Lab File: BF107055.D
 Acq: 2 Jul 2018 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.5	7.8	11.6	
104	4.3	3.8	5.8	





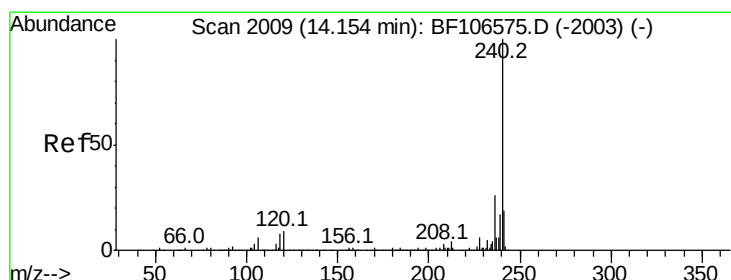
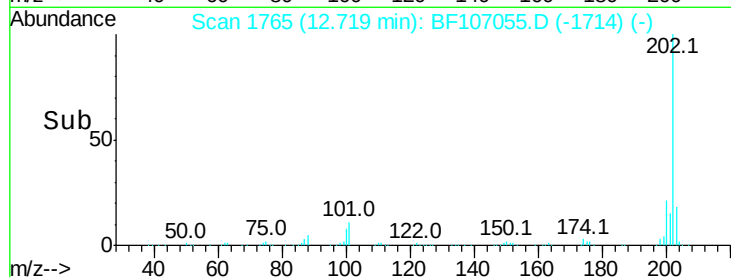
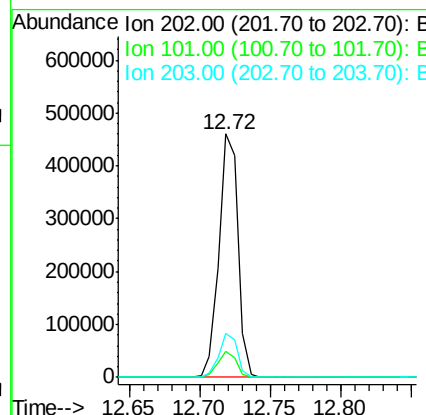
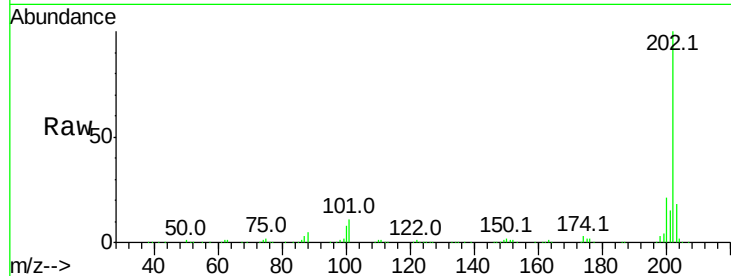
#74
Fluoranthene
 Concen: 44.151 ng
 RT: 12.72 min Scan# 1765
 Delta R.T. 0.00 min
 Lab File: BF107055.D
 Acq: 2 Jul 2018 20:12

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

Tot Ion:	202	Resp:	432686
Ion Ratio	Lower	Upper	
202	100		
101	10.7	0.0	34.1
203	18.2	0.0	38.1

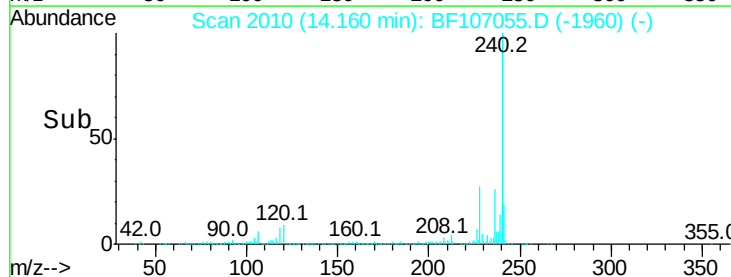
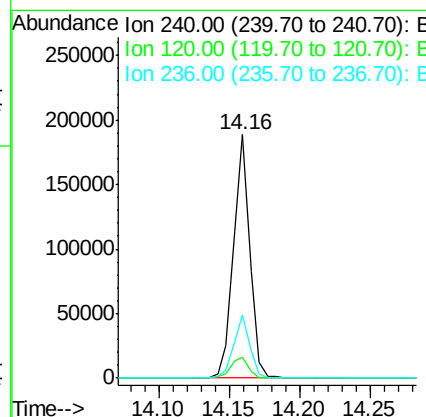
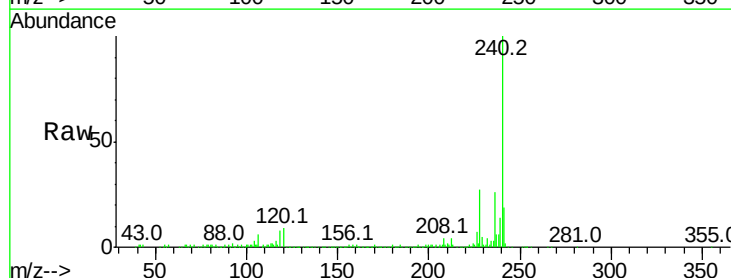
Manual Integrations
 APPROVED

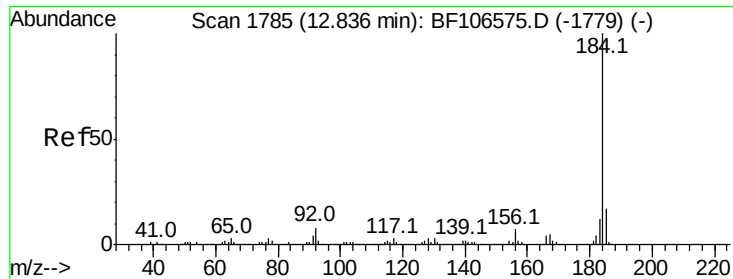
Sohil
 7/3/2018 5:30:07 PM



#75
Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2010
 Delta R.T. -0.01 min
 Lab File: BF107055.D
 Acq: 2 Jul 2018 20:12

Tgt Ion:	240	Resp:	151811
Ion Ratio	Lower	Upper	
240	100		
120	8.7	9.5	14.3#
236	25.9	20.7	31.1





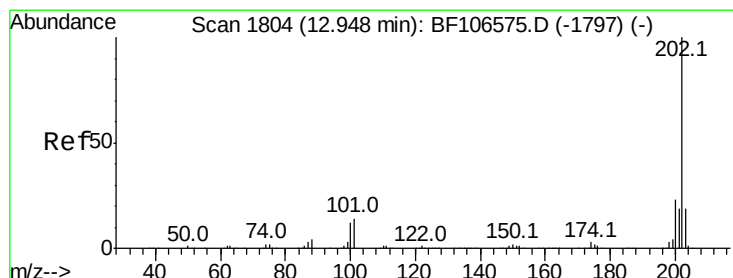
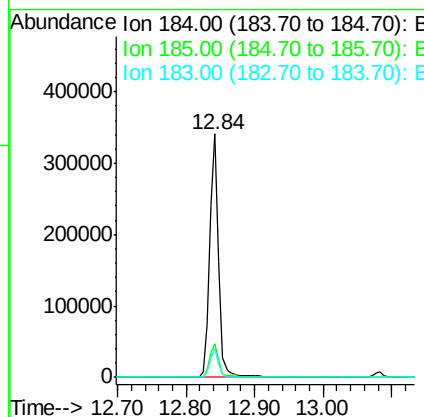
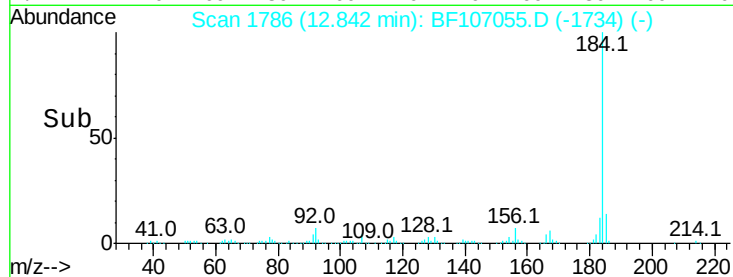
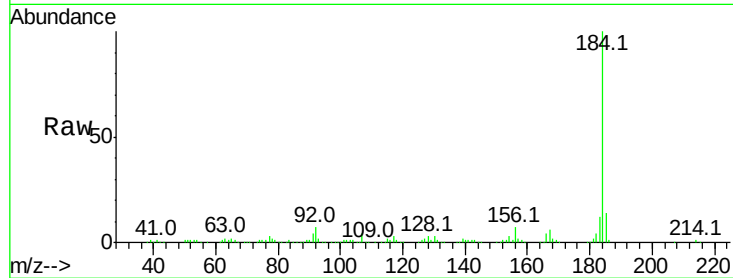
#76
Benzidine
Concen: 73.980 ng
RT: 12.84 min Scan# 1786
Delta R.T. 0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

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

Tot Ion	Ratio	Lower	Upper
184	100		
185	13.9	12.6	18.8
183	11.6	9.3	13.9

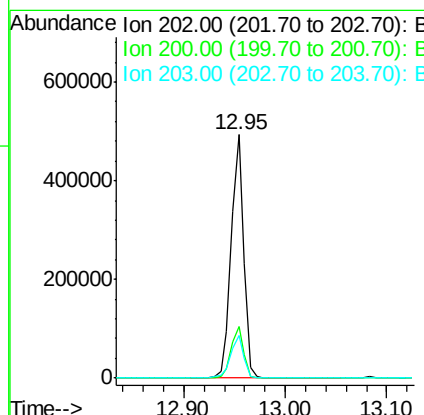
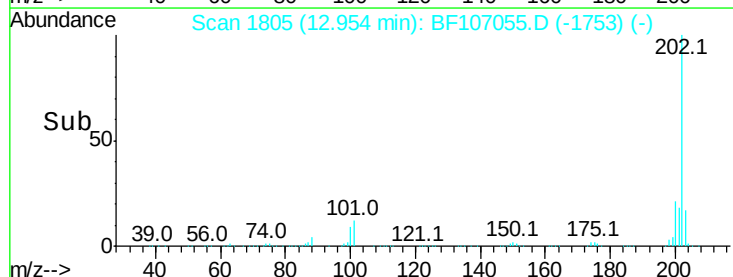
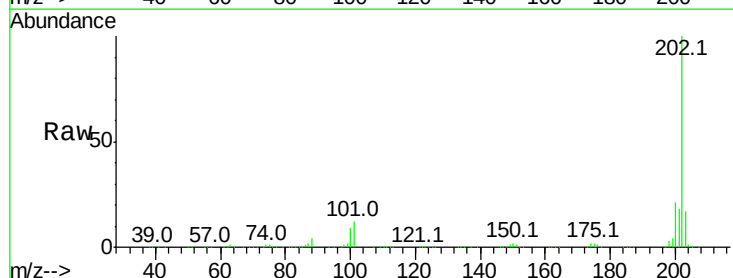
Manual Integrations
APPROVED

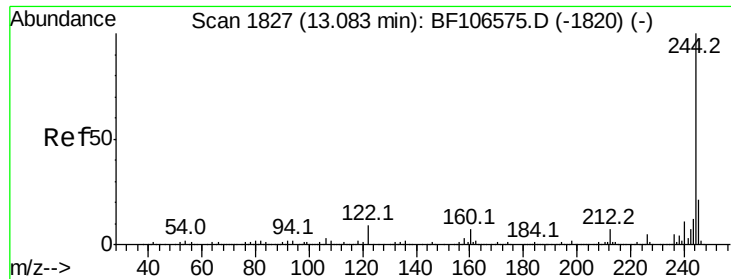
Sohil
7/3/2018 5:30:07 PM



#77
Pyrene
Concen: 42.609 ng
RT: 12.95 min Scan# 1805
Delta R.T. 0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.4	14.3	21.5





#78

Terphenyl-d14

Concen: 95.753 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF107055.D

Acq: 2 Jul 2018 20:12

Instrument :

BNA_F

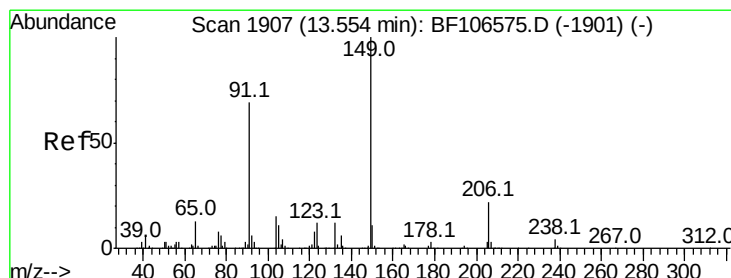
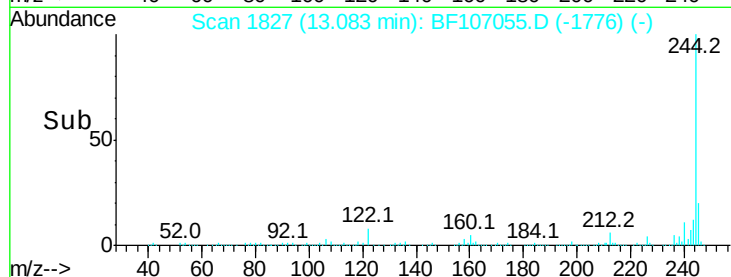
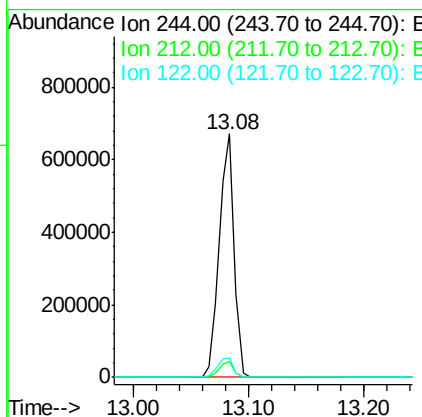
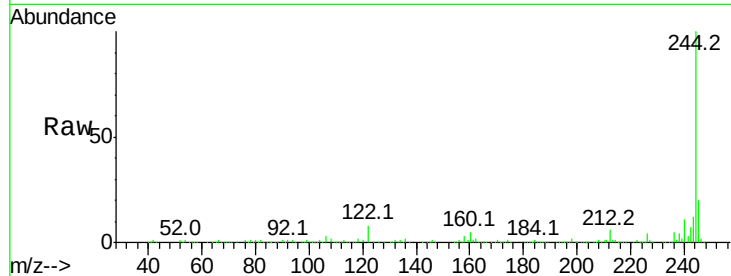
ClientSampleId :

EPE-106-8(18-20)MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	8.3	11.0	16.4

Manual Integrations
APPROVED

Sohil
7/3/2018 5:30:07 PM



#79

Butylbenzylphthalate

Concen: 41.634 ng

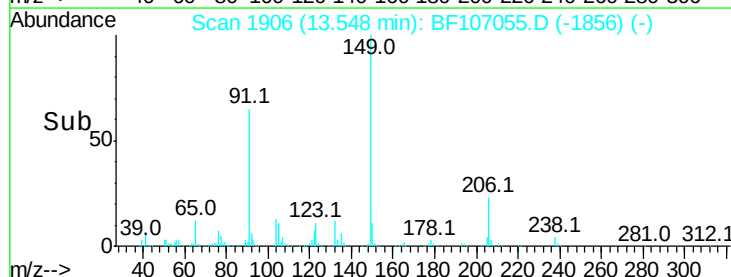
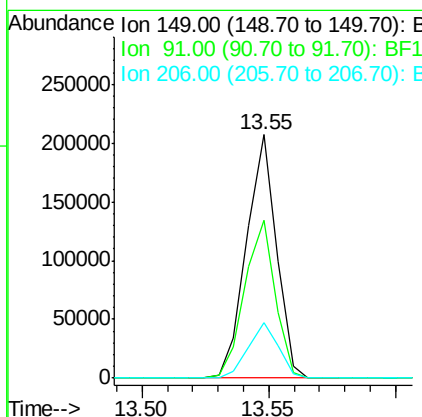
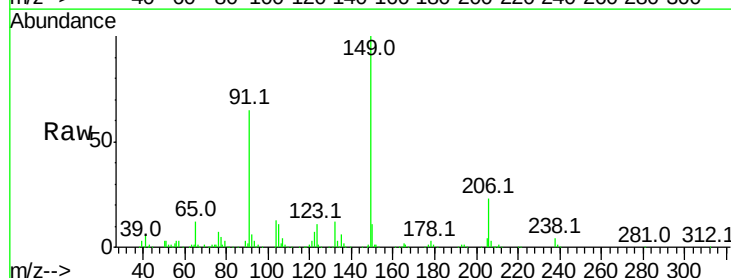
RT: 13.55 min Scan# 1906

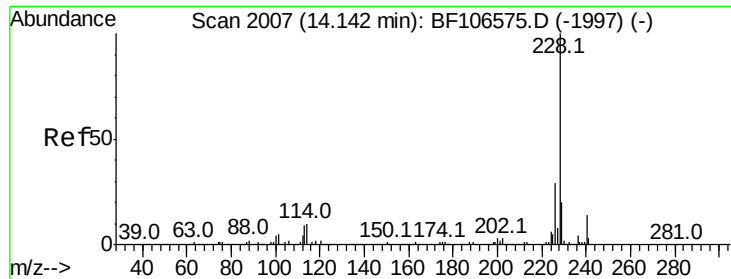
Delta R.T. -0.01 min

Lab File: BF107055.D

Acq: 2 Jul 2018 20:12

Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.0	56.8	85.2
206	22.9	14.1	21.1





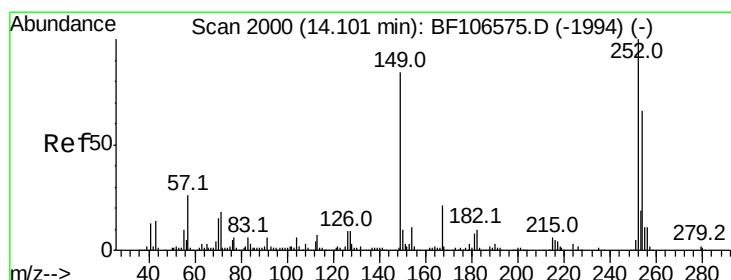
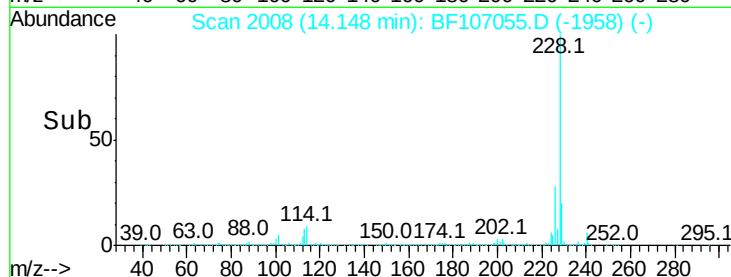
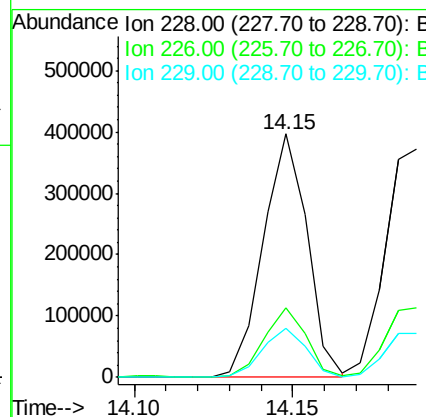
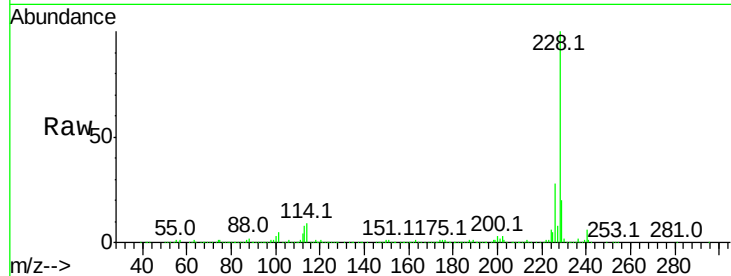
#80
Benzo(a)anthracene
Concen: 41.393 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	20.2	15.8	23.6

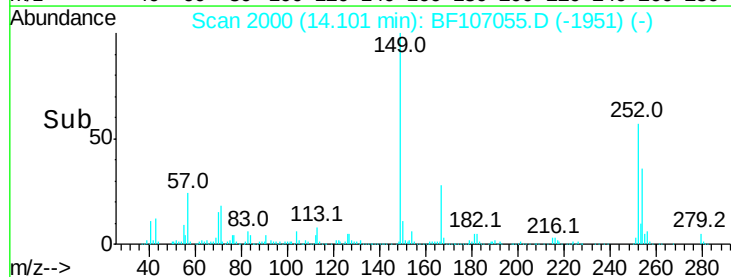
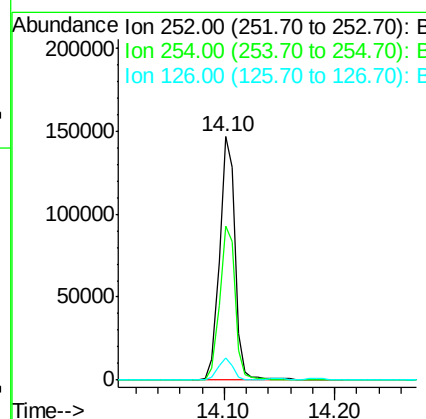
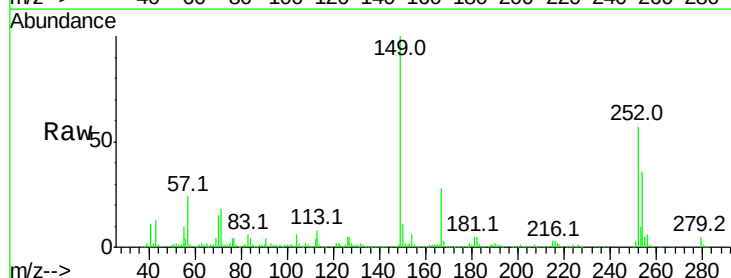
Manual Integrations
APPROVED

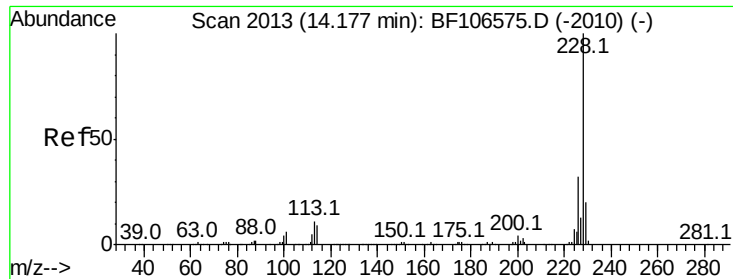
Sohil
7/3/2018 5:30:07 PM



#81
3,3'-Dichlorobenzidine
Concen: 43.749 ng
RT: 14.10 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.5	50.4	75.6
126	9.2	11.3	16.9





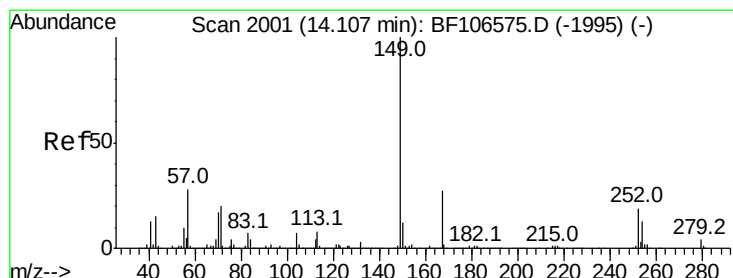
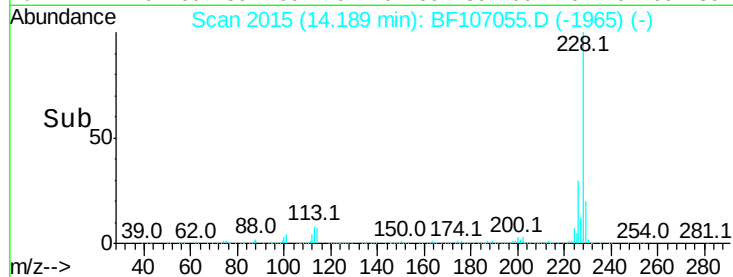
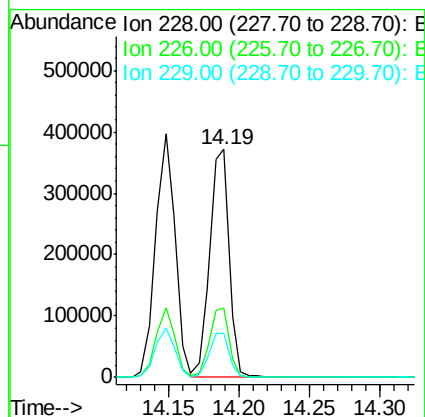
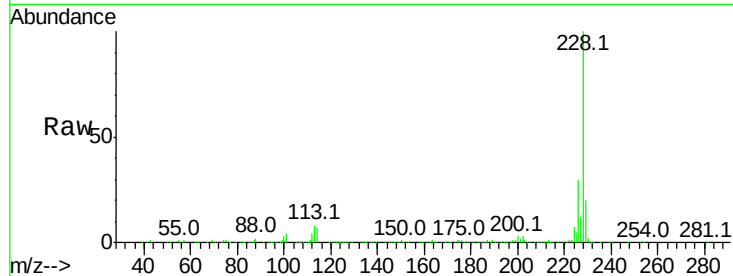
#82
 Chrysene
 Concen: 41.824 ng
 RT: 14.19 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF107055.D
 Acq: 2 Jul 2018 20:12

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

Tot Ion:	228	Resp:	356014
Ion Ratio	Lower	Upper	
228	100		
226	30.4	25.0	37.6
229	19.5	16.2	24.4

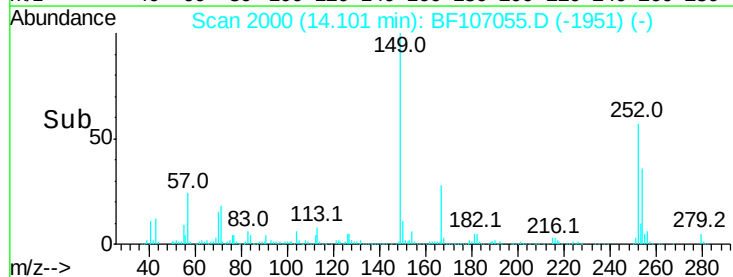
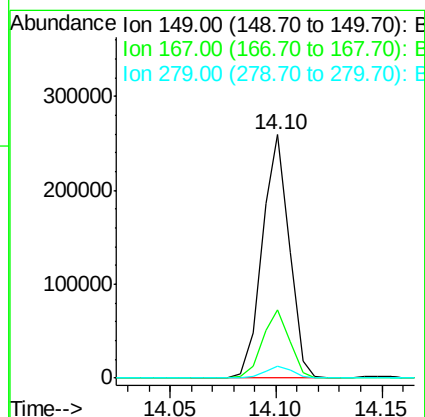
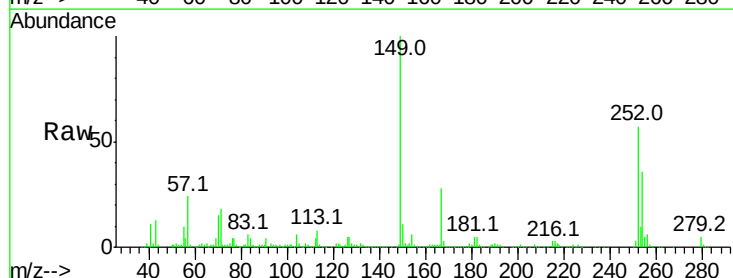
Manual Integrations
 APPROVED

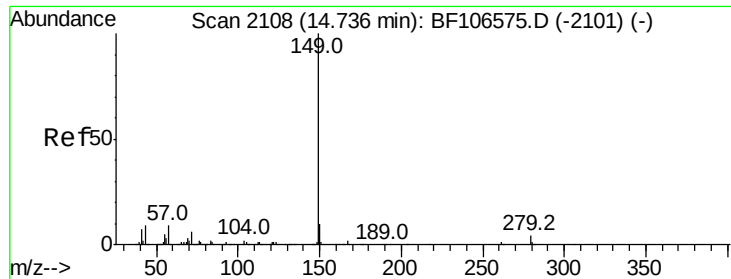
Sohil
 7/3/2018 5:30:07 PM



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.496 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF107055.D
 Acq: 2 Jul 2018 20:12

Tgt Ion:	149	Resp:	228885
Ion Ratio	Lower	Upper	
149	100		
167	27.8	21.3	31.9
279	4.8	3.0	4.4#





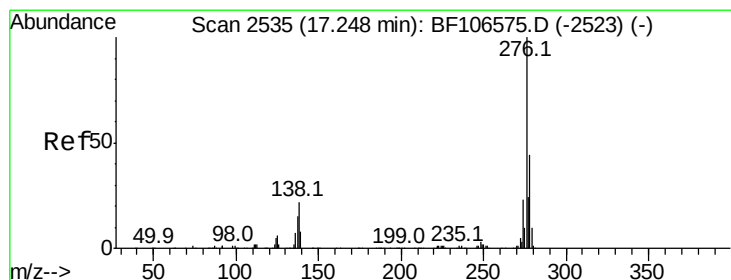
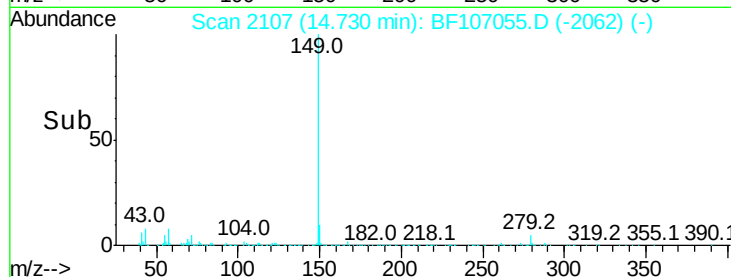
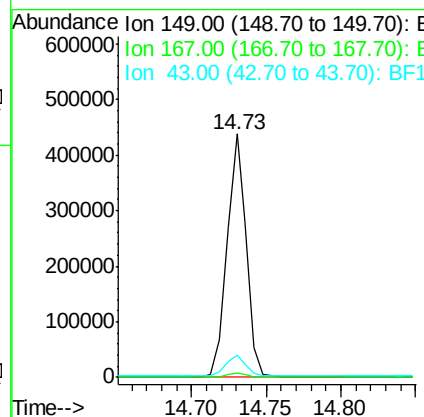
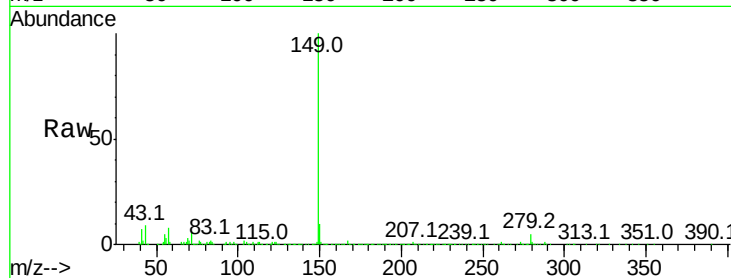
#84
Di-n-octyl phthalate
Concen: 46.053 ng
RT: 14.73 min Scan# 2107
Delta R.T. -0.04 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

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

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.7	1.2	1.8	
43	8.6	8.4	12.6	

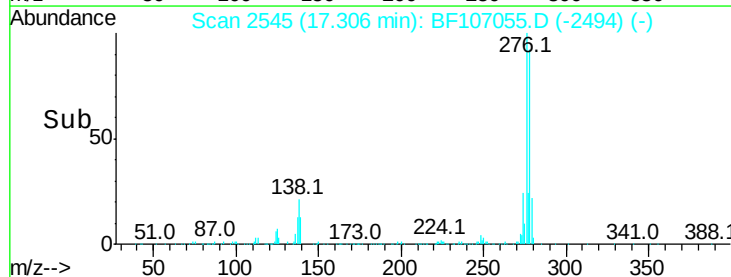
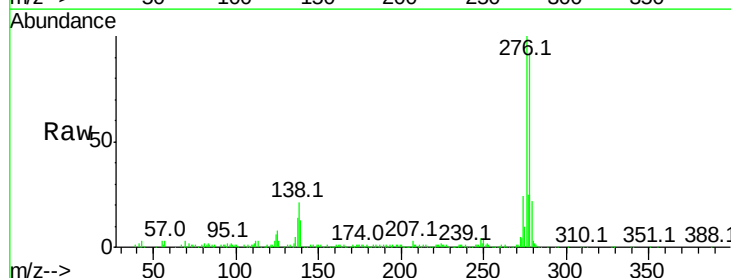
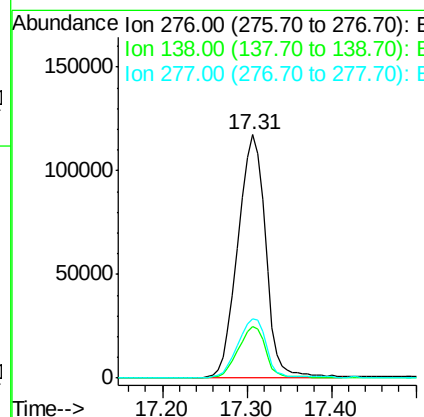
Manual Integrations
APPROVED

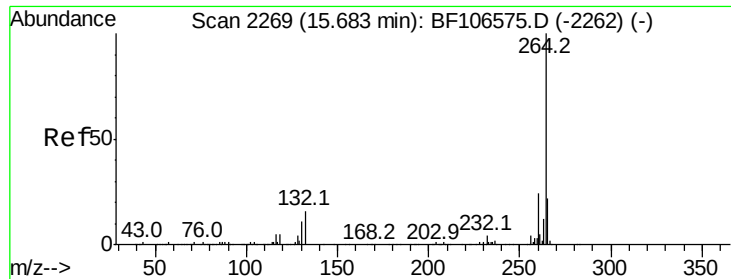
Sohil
7/3/2018 5:30:07 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 37.074 ng
RT: 17.31 min Scan# 2545
Delta R.T. 0.00 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	21.3	25.0	37.6#	
277	24.7	20.1	30.1	





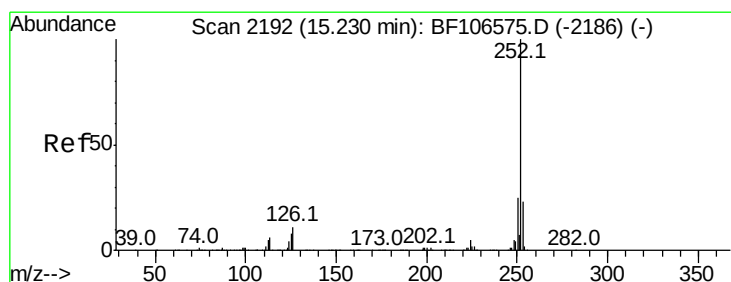
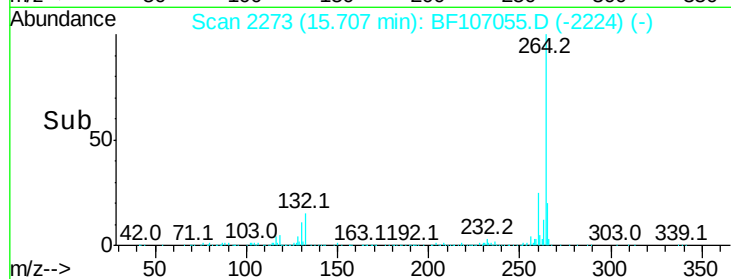
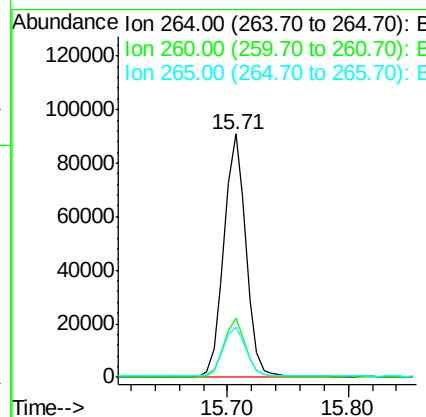
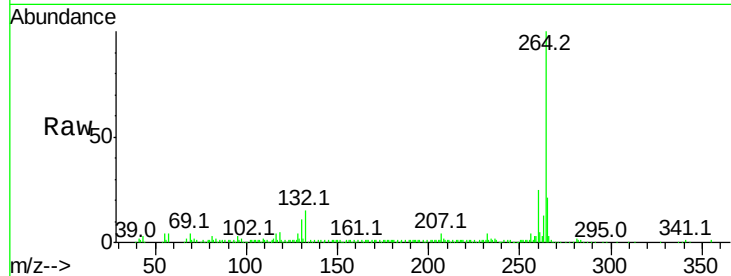
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	20.7	17.5	26.3

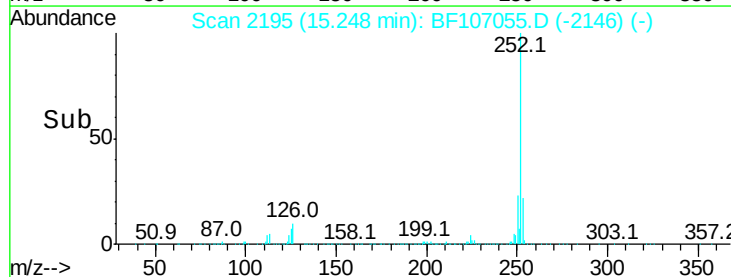
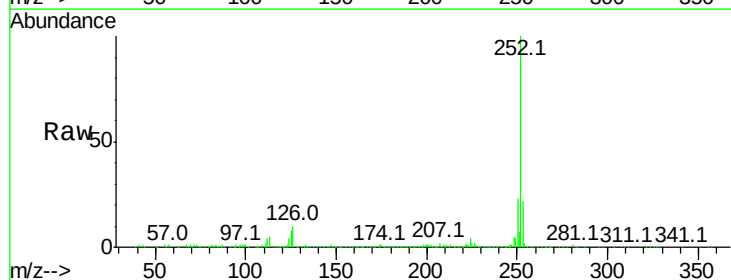
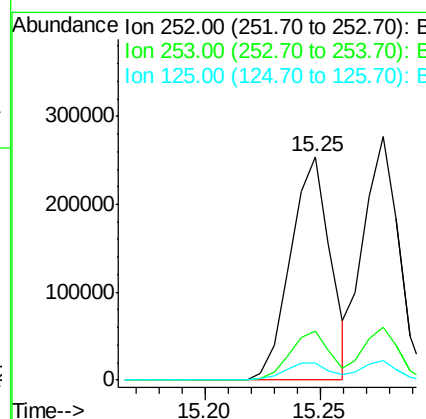
Manual Integrations
APPROVED

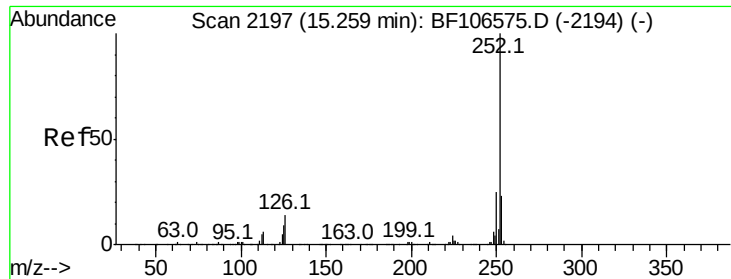
Sohil
7/3/2018 5:30:07 PM



#87
Benzo(b)fluoranthene
Concen: 42.338 ng
RT: 15.25 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	7.8	9.0	13.6





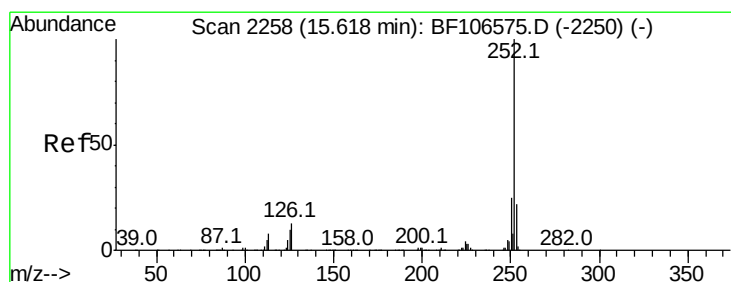
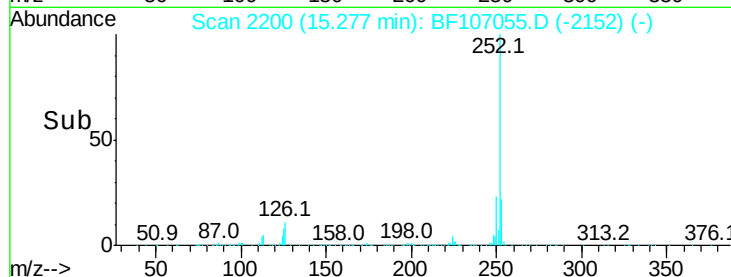
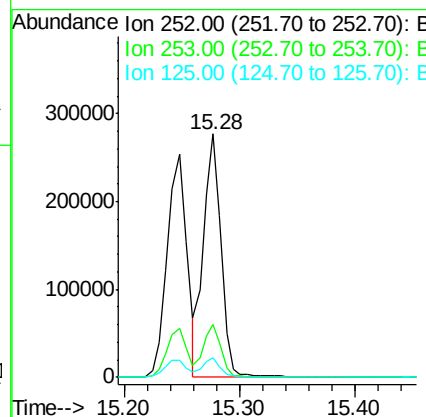
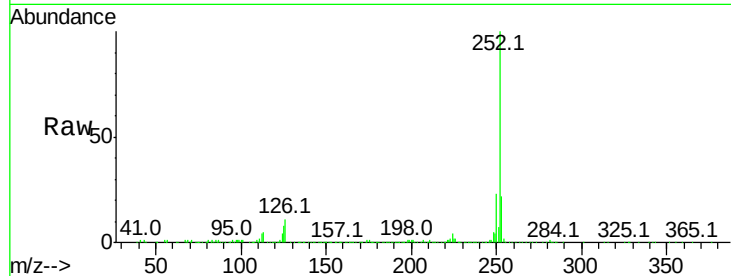
#88
Benzo(k)fluoranthene
Concen: 43.405 ng
RT: 15.28 min Scan# 2200
Delta R.T. -0.02 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

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

Tot Ion	Ratio	Resp	Lower	Upper
252	100	297108		
253	21.8	17.9	26.9	
125	8.0	10.2	15.2#	

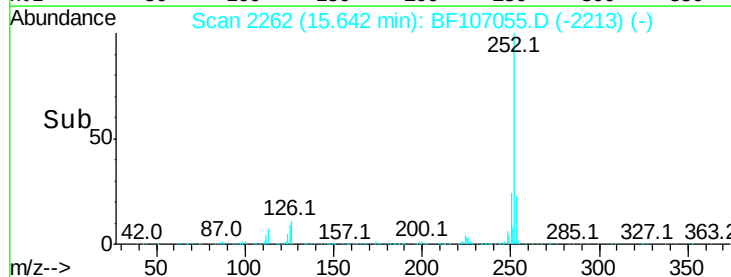
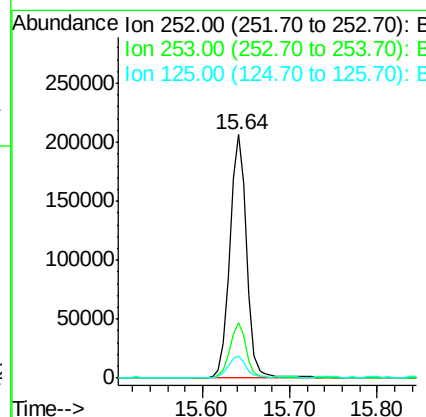
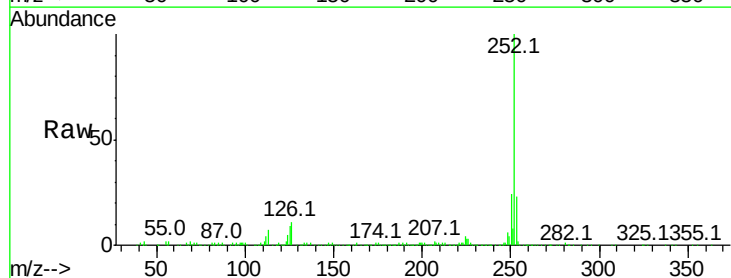
Manual Integrations
APPROVED

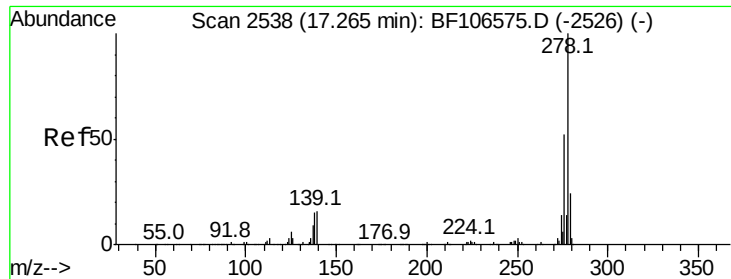
Sohil
7/3/2018 5:30:07 PM



#89
Benzo(a)pyrene
Concen: 43.083 ng
RT: 15.64 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	275296		
253	22.6	17.1	25.7	
125	9.2	9.8	14.6#	





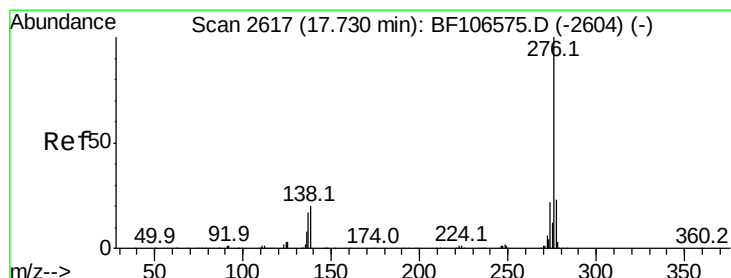
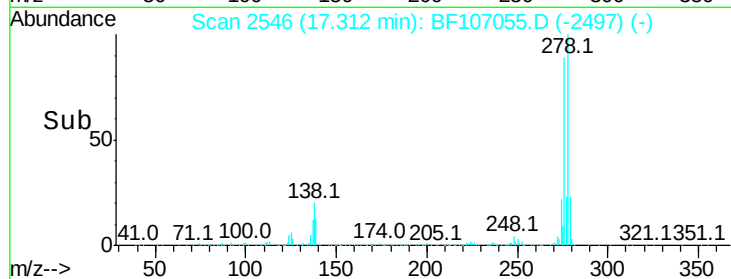
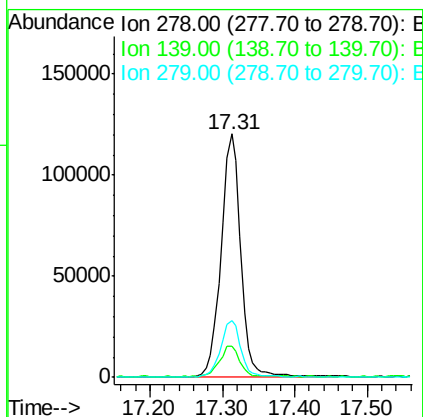
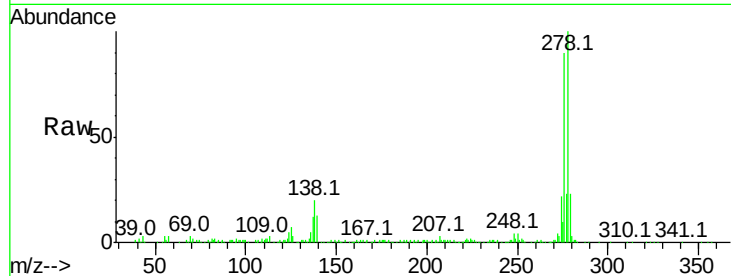
#90
Dibenzo(a,h)anthracene
Concen: 42.442 ng
RT: 17.31 min Scan# 2546
Delta R.T. -0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

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

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.0	15.9	23.9#
279	23.1	19.0	28.4

Manual Integrations
APPROVED

Sohil
7/3/2018 5:30:07 PM



#91
Benzo(g,h,i)perylene
Concen: 41.945 ng
RT: 17.79 min Scan# 2628
Delta R.T. 0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	17.9	26.9
138	16.2	21.8	32.8#

