

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
 Data File : BF107359.D
 Acq On : 13 Jul 2018 11:44
 Operator : JU/SJ
 Sample : J3933-04MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-4-7MSD

Manual Integrations
 APPROVED

Sohil
 7/16/2018 3:22:04 PM

Quant Time: Jul 13 13:42:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 13 11:54:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	53471	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	193746	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	89597	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	152974	20.00	ng	0.00
75) Chrysene-d12	14.14	240	156028	20.00	ng	0.00
86) Perylene-d12	15.68	264	141305	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	456717	144.63	ng	0.01
7) Phenol-d6	6.59	99	554887	140.71	ng	0.01
23) Nitrobenzene-d5	7.50	82	363326	104.22	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	143104	137.80	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	552629	108.47	ng	0.00
78) Terphenyl-d14	13.06	244	606221	94.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.79	88	54173	33.369	ng	96
3) Pyridine	3.59	79	164625	37.390	ng	98
4) n-Nitrosodimethylamine	3.55	42	68793	36.787	ng	82
6) Aniline	6.60	93	162314	30.344	ng	# 15
8) 2-Chlorophenol	6.73	128	150010	43.312	ng	96
9) Benzaldehyde	6.49	77	94378	33.783	ng	97
10) Phenol	6.60	94	193518	43.000	ng	76
11) bis(2-Chloroethyl)ether	6.67	93	154664	41.629	ng	100
12) 1,3-Dichlorobenzene	6.87	146	177719	43.811	ng	96
13) 1,4-Dichlorobenzene	6.95	146	177951	43.391	ng	98
14) 1,2-Dichlorobenzene	7.10	146	164539	43.777	ng	97
15) Benzyl Alcohol	7.08	79	121967	38.519	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.20	45	211053	43.296	ng	# 17
17) 2-Methylphenol	7.20	107	127578	43.043	ng	# 87
18) Hexachloroethane	7.44	117	57726	40.026	ng	# 81
19) n-Nitroso-di-n-propylamine	7.34	70	104894	40.353	ng	93
20) 3+4-Methylphenols	7.35	107	166006	55.464	ng	97
22) Acetophenone	7.34	105	211548	48.805	ng	# 97
24) Nitrobenzene	7.52	77	164066	46.094	ng	98
25) Isophorone	7.75	82	294924	48.007	ng	97
26) 2-Nitrophenol	7.84	139	85148	50.675	ng	94
27) 2,4-Dimethylphenol	7.87	122	136268	52.469	ng	99
28) bis(2-Chloroethoxy)methane	7.95	93	191258	46.368	ng	98
29) 2,4-Dichlorophenol	8.09	162	137384	50.527	ng	94
30) 1,2,4-Trichlorobenzene	8.15	180	149345	49.860	ng	97
31) Naphthalene	8.24	128	430354	47.510	ng	100
32) Benzoic acid	7.99	122	13333	11.946	ng	96
33) 4-Chloroaniline	8.30	127	104081	27.384	ng	99
34) Hexachlorobutadiene	8.34	225	98816	50.630	ng	99
35) Caprolactam	8.68	113	37446m	42.249	ng	
36) 4-Chloro-3-methylphenol	8.79	107	128476	44.891	ng	99
37) 2-Methylnaphthalene	8.93	142	304665	50.744	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	157013	52.037	ng	# 96
40) Hexachlorocyclopentadiene	9.07	237	11238	7.239	ng	95

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
 Data File : BF107359.D
 Acq On : 13 Jul 2018 11:44
 Operator : JU/SJ
 Sample : J3933-04MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-4-7MSD

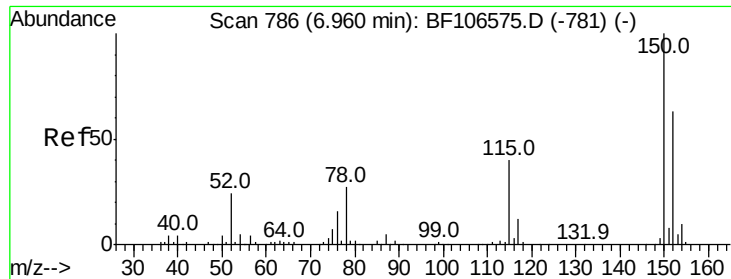
Manual Integrations
 APPROVED

Sohil
 7/16/2018 3:22:04 PM

Quant Time: Jul 13 13:42:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 13 11:54:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	83289	41.527	nq	95
43) 2,4,5-Trichlorophenol	9.28	196	77068	36.824	nq	# 88
45) 1,1'-Biphenyl	9.40	154	355196	49.744	nq	98
46) 2-Chloronaphthalene	9.42	162	254400	45.262	nq	96
47) 2-Nitroaniline	9.53	65	76186	40.310	nq	96
48) Acenaphthylene	9.84	152	392830	44.269	nq	99
49) Dimethylphthalate	9.70	163	378756	56.363	nq	98
50) 2,6-Dinitrotoluene	9.77	165	65958	46.353	nq	86
51) Acenaphthene	10.01	154	236217	42.273	nq	98
52) 3-Nitroaniline	9.95	138	48919	29.875	nq	92
53) 2,4-Dinitrophenol	10.08	184	9651	17.525	nq	# 17
54) Dibenzofuran	10.18	168	338371	44.223	nq	97
55) 4-Nitrophenol	10.14	139	35097	30.707	nq	94
56) 2,4-Dinitrotoluene	10.18	165	74808	40.277	nq	94
57) Fluorene	10.53	166	272203	44.831	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.31	232	58654	35.256	nq	# 78
59) Diethylphthalate	10.39	149	272784	42.058	nq	95
60) 4-Chlorophenyl-phenylether	10.51	204	142891	44.978	nq	# 88
61) 4-Nitroaniline	10.57	138	51416	31.639	nq	96
62) Azobenzene	10.68	77	249063	38.996	nq	93
64) 4,6-Dinitro-2-methylphenol	10.60	198	16971	17.947	nq	78
65) n-Nitrosodiphenylamine	10.64	169	232176	45.124	nq	99
66) 4-Bromophenyl-phenylether	11.01	248	91630	50.190	nq	# 80
67) Hexachlorobenzene	11.08	284	92898	48.617	nq	# 84
68) Atrazine	11.17	200	76702	46.892	nq	96
69) Pentachlorophenol	11.29	266	37667m	39.507	nq	
70) Phenanthrene	11.50	178	458852	62.190	nq	99
71) Anthracene	11.55	178	394080	52.328	nq	100
72) Carbazole	11.71	167	338189	47.964	nq	98
73) Di-n-butylphthalate	12.02	149	379181	45.648	nq	99
74) Fluoranthene	12.70	202	659140	81.052	nq	96
76) Benzidine	12.82	184	107019	24.084	nq	97
77) Pyrene	12.94	202	694669	67.516	nq	100
79) Butylbenzylphthalate	13.52	149	169915	40.166	nq	# 97
80) Benzo(a)anthracene	14.13	228	640673	67.372	nq	100
81) 3,3'-Dichlorobenzidine	14.08	252	123960	37.089	nq	# 97
82) Chrysene	14.17	228	563206	64.376	nq	98
83) Bis(2-ethylhexyl)phthalate	14.08	149	228826	42.310	nq	# 97
84) Di-n-octyl phthalate	14.70	149	422090	47.879	nq	95
85) Indeno(1,2,3-cd)pyrene	17.28	276	395193	53.229	nq	# 90
87) Benzo(b)fluoranthene	15.22	252	624004	71.089	nq	# 95
88) Benzo(k)fluoranthene	15.25	252	473645	56.662	nq	# 95
89) Benzo(a)pyrene	15.62	252	520236m	66.669	nq	
90) Dibenzo(a,h)anthracene	17.28	278	277936m	42.028	nq	
91) Benzo(g,h,i)perylene	17.76	276	335621	51.923	nq	# 89

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



#1

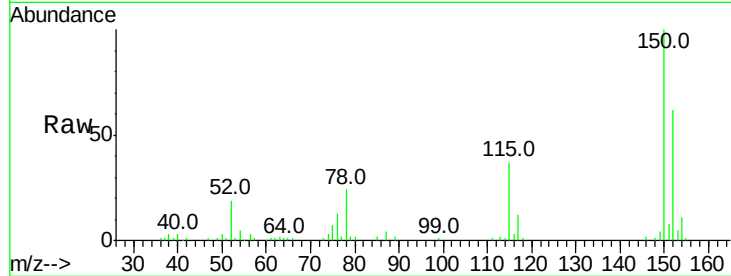
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 781
Delta R.T. -0.00 min
Lab File: BF107359.D
Acq: 13 Jul 2018 11:44

Instrument :
BNA_F
ClientSampleId :
EP-4-7MSD

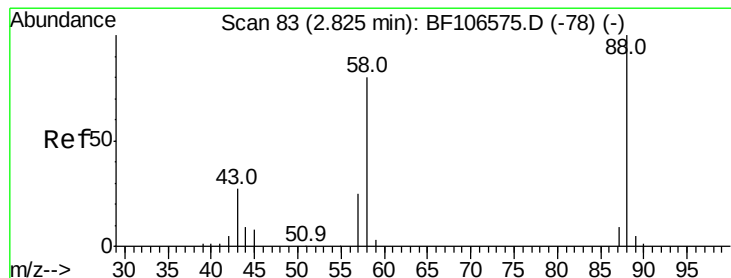
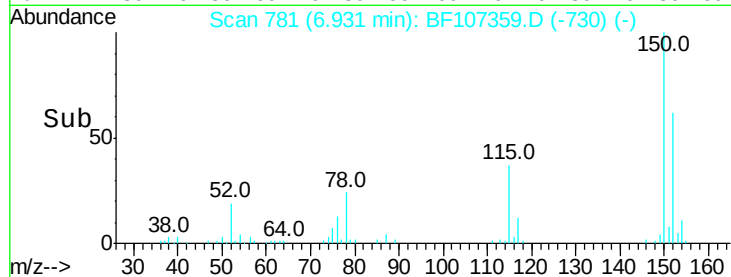
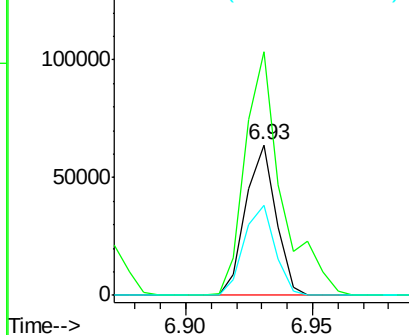
Tot Ion	Ratio	Lower	Upper
152	100		
150	161.9	124.6	186.8
115	59.9	50.1	75.1

Manual Integrations
APPROVED

Sohil
7/16/2018 3:22:04 PM



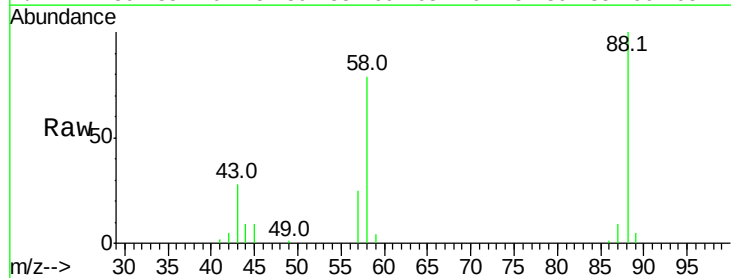
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



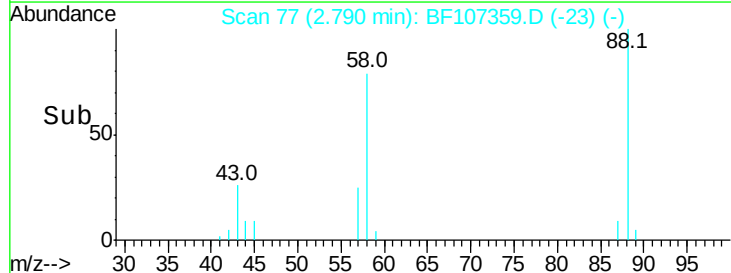
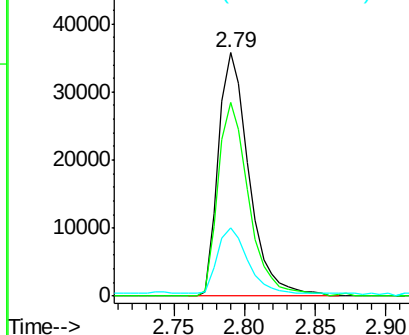
#2

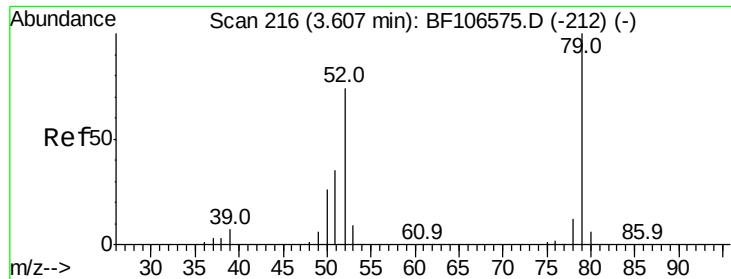
1,4-Dioxane
Concen: 33.369 ng
RT: 2.79 min Scan# 77
Delta R.T. 0.02 min
Lab File: BF107359.D
Acq: 13 Jul 2018 11:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.8	62.6	93.8
43	26.6	24.6	37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





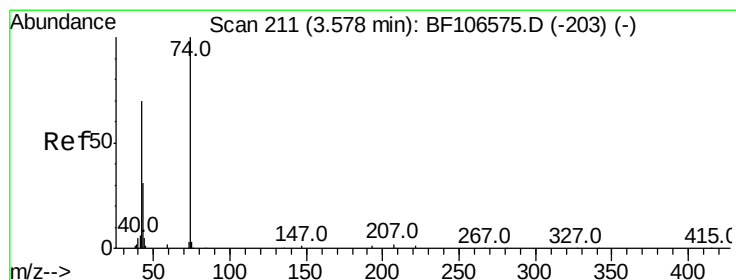
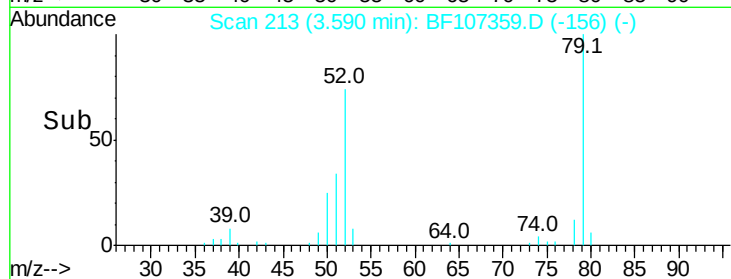
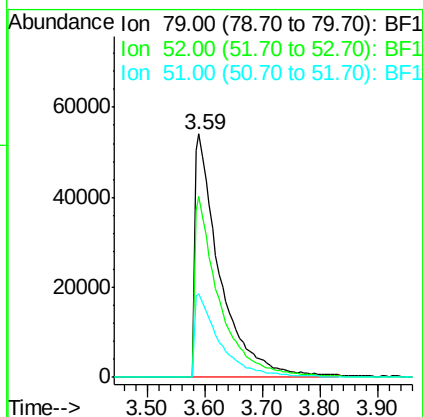
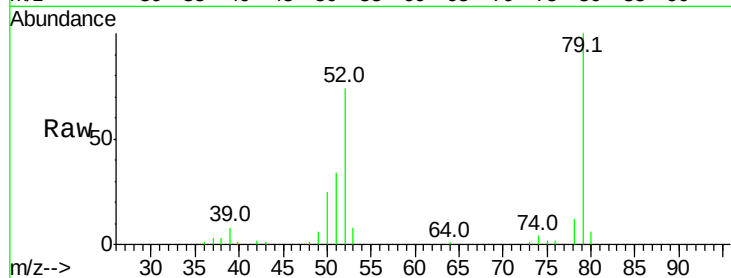
#3
 Pvrindine
 Concen: 37.390 ng
 RT: 3.59 min Scan# 213
 Delta R.T. 0.04 min
 Lab File: BF107359.D
 Acq: 13 Jul 2018 11:44

Instrument :
 BNA_F
 ClientSampleId :
 EP-4-7MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	74.3	59.8	89.6
51	34.3	29.8	44.8

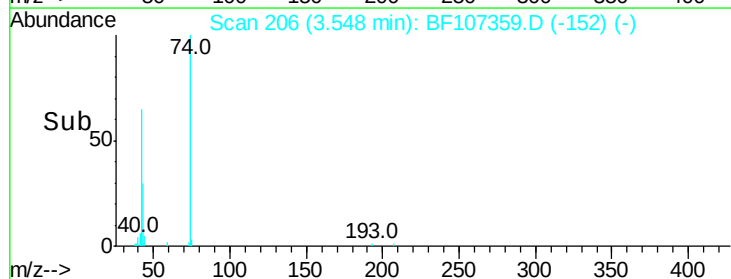
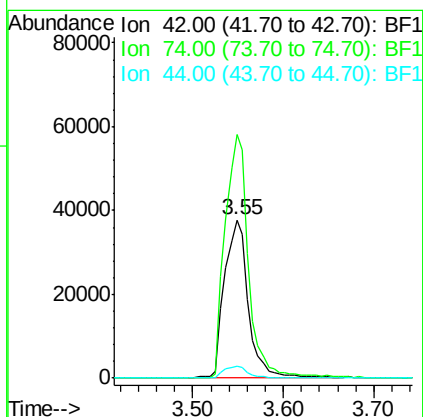
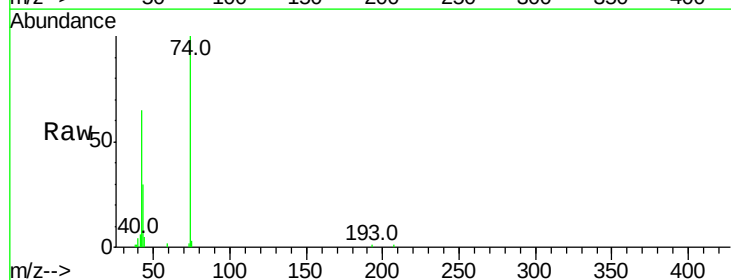
Manual Integrations
 APPROVED

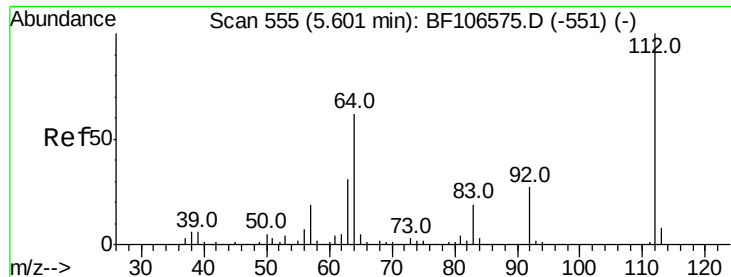
Sohil
 7/16/2018 3:22:04 PM



#4
 n-Nitrosodimethylamine
 Concen: 36.787 ng
 RT: 3.55 min Scan# 206
 Delta R.T. 0.02 min
 Lab File: BF107359.D
 Acq: 13 Jul 2018 11:44

Tgt Ion	Ratio	Lower	Upper
42	100		
74	153.9	104.9	157.3
44	7.2	6.9	10.3





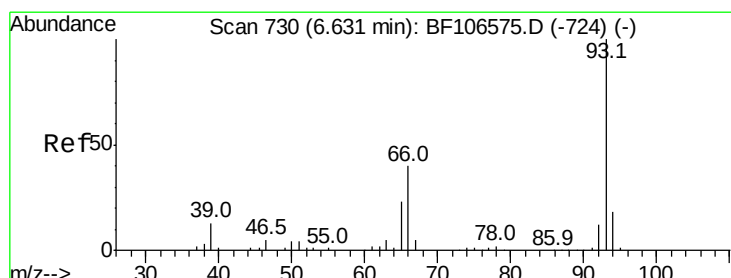
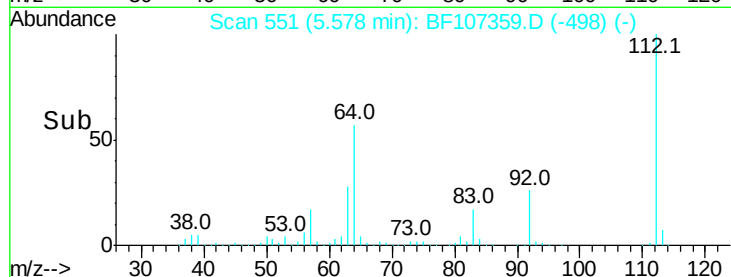
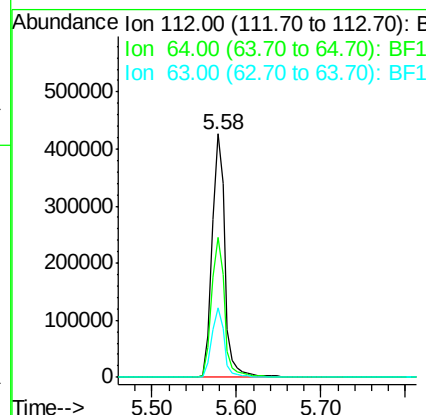
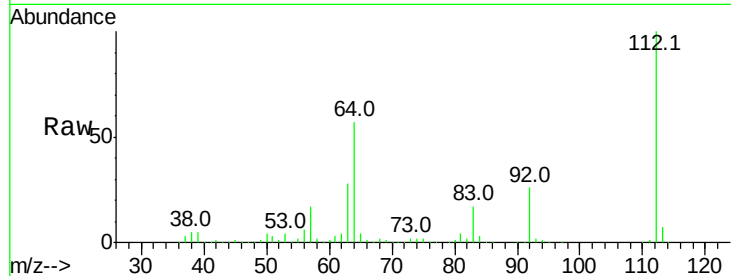
#5
2-Fluorophenol
Concen: 144.633 ng
RT: 5.58 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF107359.D
Acq: 13 Jul 2018 11:44

Instrument :
BNA_F
ClientSampleId :
EP-4-7MSD

Tot Ion:	112	Resp:	456717
Ion Ratio	Lower	Upper	
112	100		
64	57.3	47.9	71.9
63	28.4	23.7	35.5

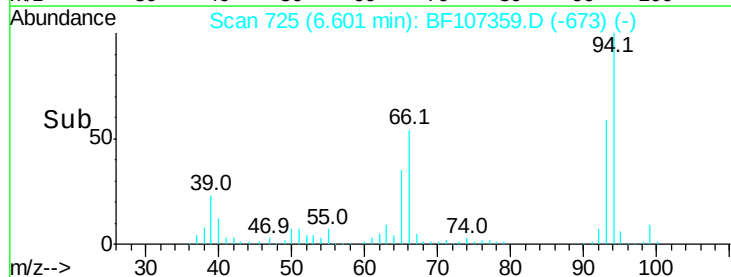
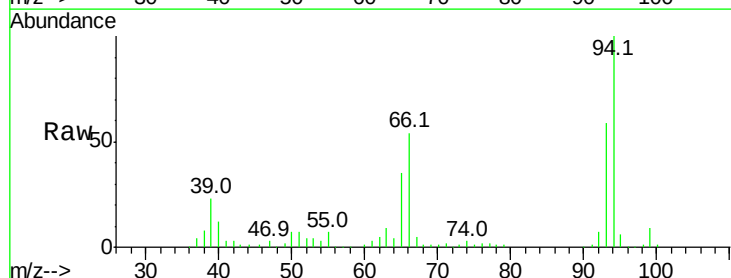
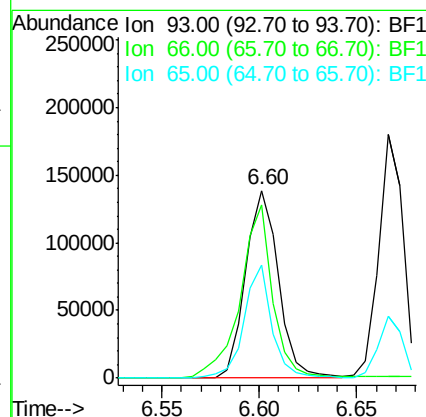
Manual Integrations
APPROVED

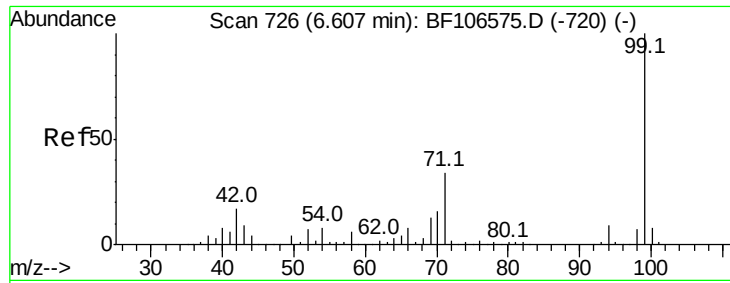
Sohil
7/16/2018 3:22:04 PM



#6
Aniline
Concen: 30.344 ng
RT: 6.60 min Scan# 725
Delta R.T. 0.01 min
Lab File: BF107359.D
Acq: 13 Jul 2018 11:44

Tgt Ion:	93	Resp:	162314
Ion Ratio	Lower	Upper	
93	100		
66	92.4	32.2	48.2#
65	60.1	16.4	24.6#





#7

Phenol-d6

Concen: 140.712 ng

RT: 6.59 min Scan# 723

Delta R.T. 0.01 min

Lab File: BF107359.D

Acq: 13 Jul 2018 11:44

Instrument :

BNA_F

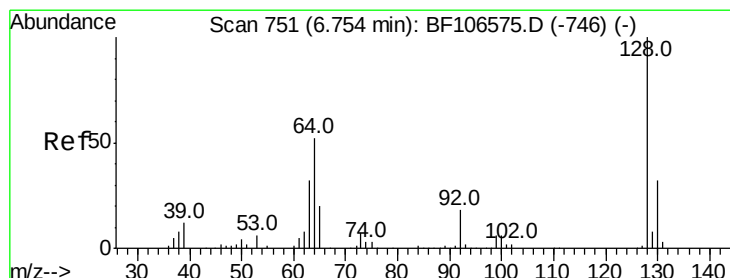
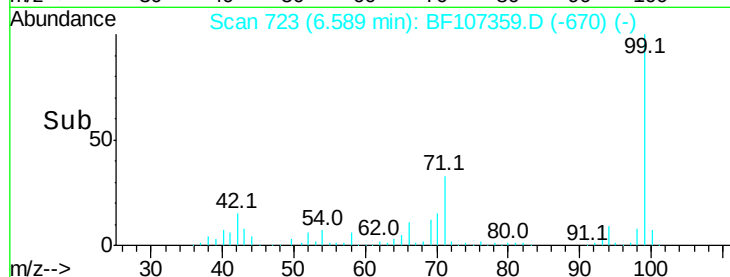
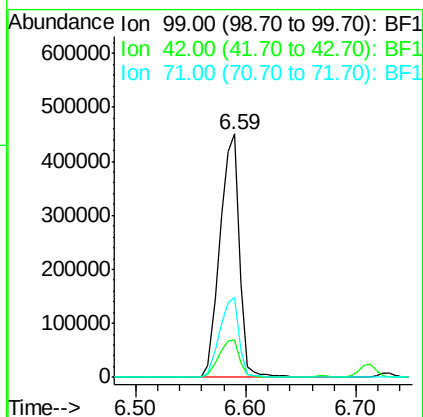
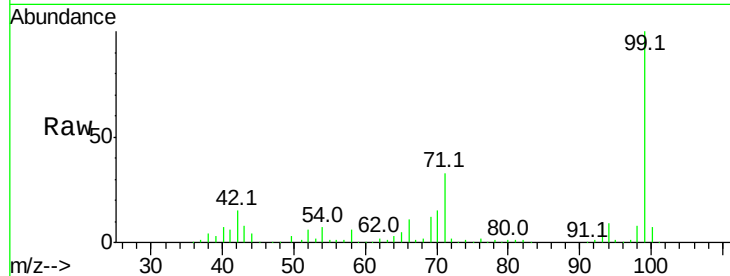
ClientSampleId :

EP-4-7MSD

Tot Ion:	99	Resp:	554887
Ion Ratio	Lower	Upper	
99	100		
42	15.3	14.5	21.7
71	32.7	25.4	38.0

Manual Integrations
APPROVED

Sohil
7/16/2018 3:22:04 PM



#8

2-Chlorophenol

Concen: 43.312 ng

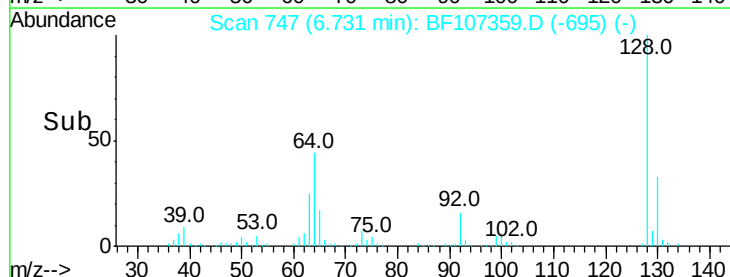
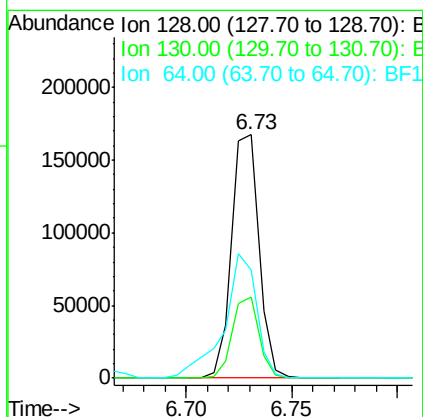
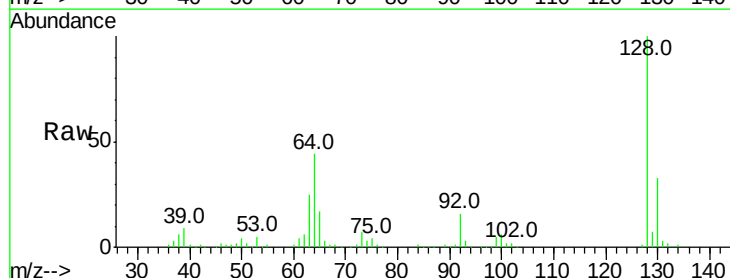
RT: 6.73 min Scan# 747

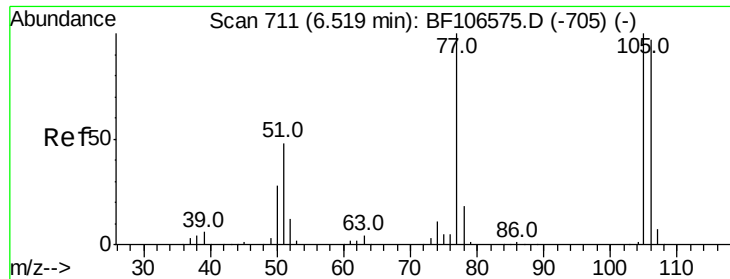
Delta R.T. 0.01 min

Lab File: BF107359.D

Acq: 13 Jul 2018 11:44

Tgt Ion:	128	Resp:	150010
Ion Ratio	Lower	Upper	
128	100		
130	33.0	13.0	53.0
64	44.4	29.4	69.4





#9

Benzaldehyde

Concen: 33.783 ng

RT: 6.49 min Scan# 706

Delta R.T. -0.00 min

Lab File: BF107359.D

Acq: 13 Jul 2018 11:44

Instrument :

BNA_F

ClientSampled :

EP-4-7MSD

Tot Ion: 77 Resp: 94378

Ion Ratio Lower Upper

77 100

105 102.5 81.1 121.1

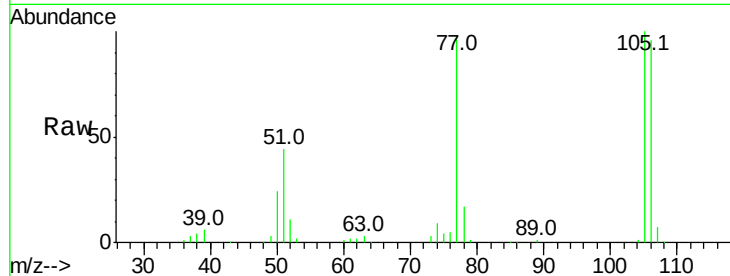
106 98.5 74.5 114.5

Manual Integrations

APPROVED

Sohil

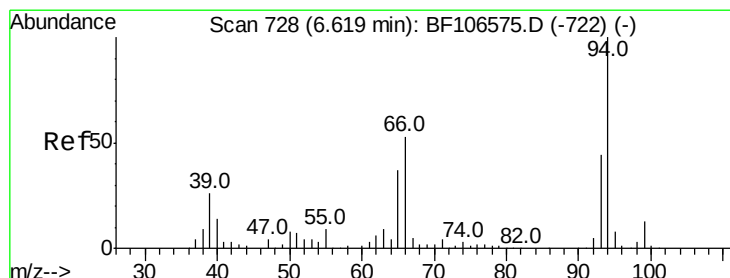
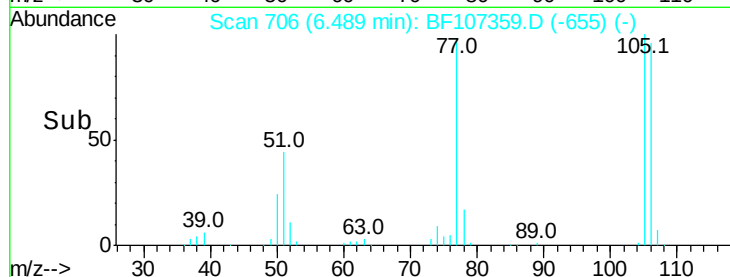
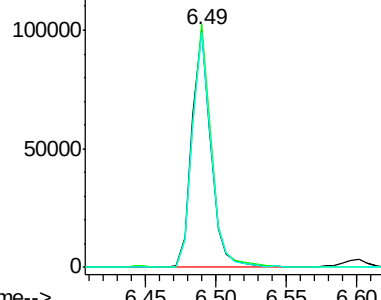
7/16/2018 3:22:04 PM



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: 43.000 ng

RT: 6.60 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF107359.D

Acq: 13 Jul 2018 11:44

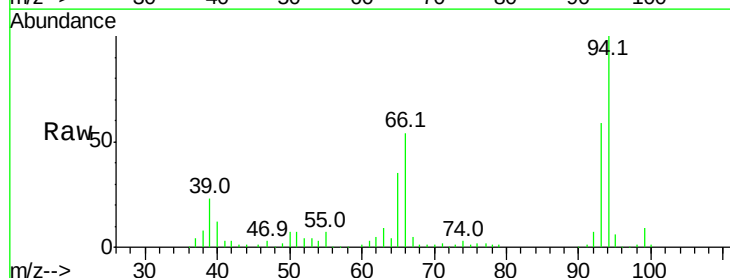
Tgt Ion: 94 Resp: 193518

Ion Ratio Lower Upper

94 100

65 35.3 7.9 47.9

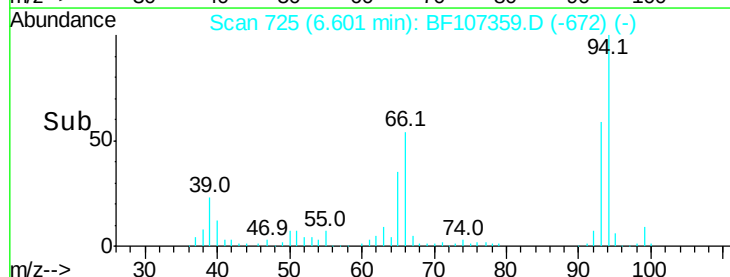
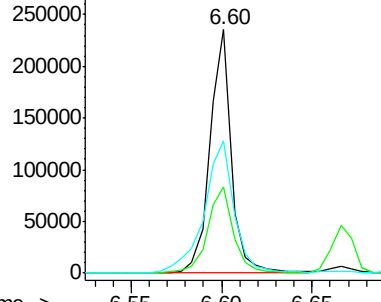
66 54.4 16.2 56.2

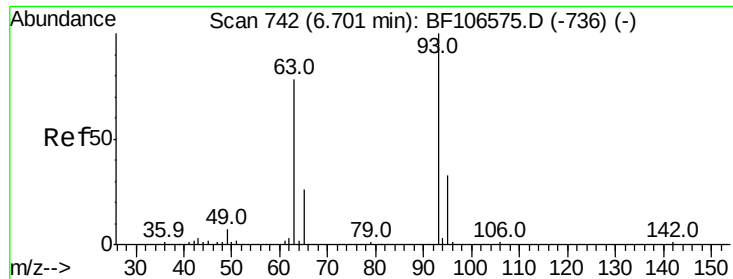


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 41.629 ng

RT: 6.67 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF107359.D

Acq: 13 Jul 2018 11:44

Instrument :

BNA_F

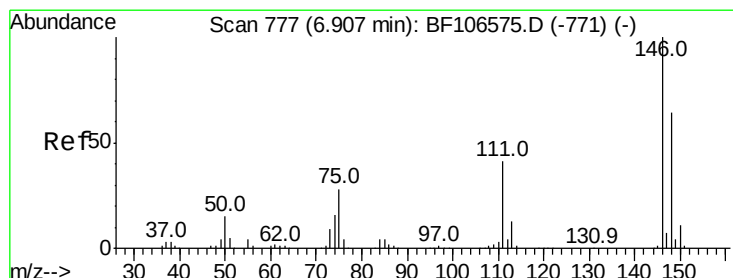
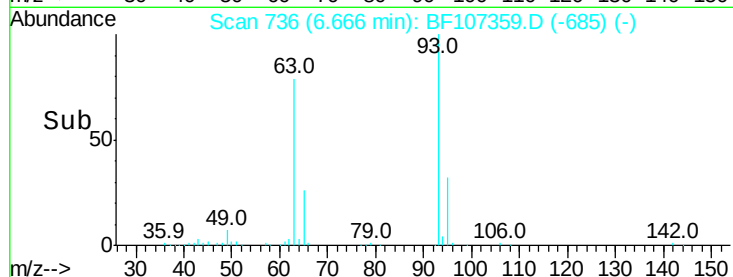
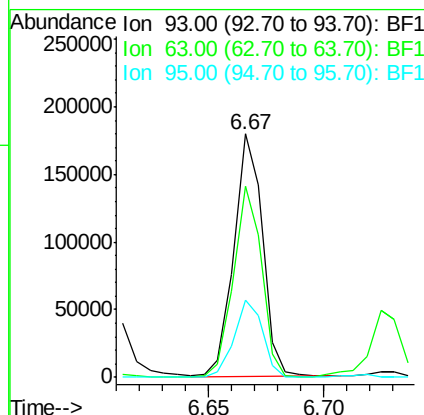
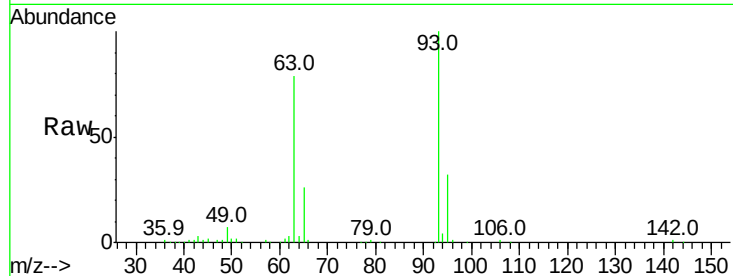
ClientSampleId :

EP-4-7MSD

Tot Ion:	93	Resp:	154664
Ion Ratio	Lower	Upper	
93	100		
63	78.7	58.6	98.6
95	31.6	11.8	51.8

Manual Integrations
APPROVED

Sohil
7/16/2018 3:22:04 PM



#12

1,3-Dichlorobenzene

Concen: 43.811 ng

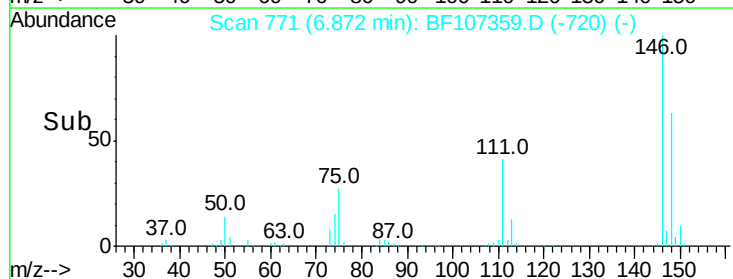
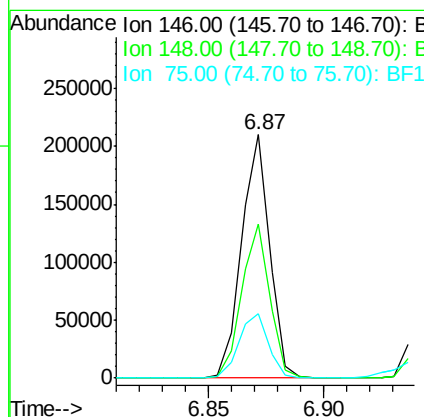
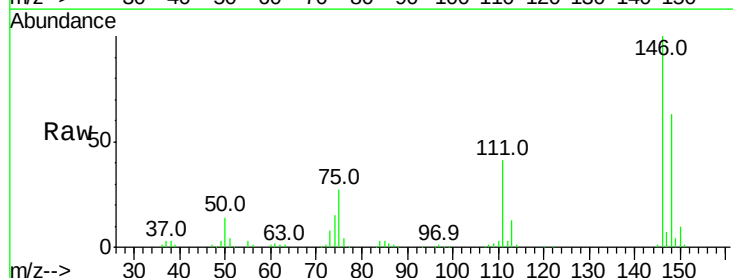
RT: 6.87 min Scan# 771

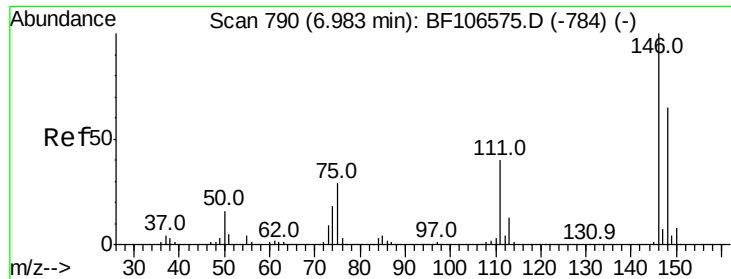
Delta R.T. -0.00 min

Lab File: BF107359.D

Acq: 13 Jul 2018 11:44

Tgt Ion:	146	Resp:	177719
Ion Ratio	Lower	Upper	
146	100		
148	63.2	51.8	77.8
75	26.6	24.2	36.4





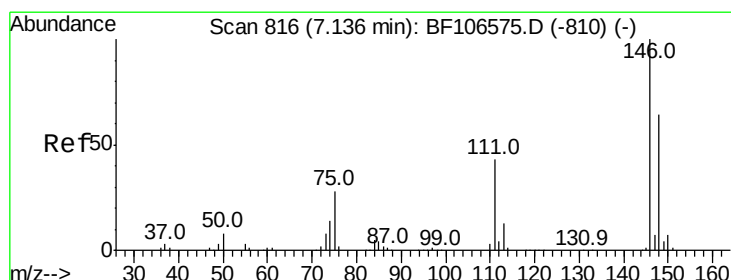
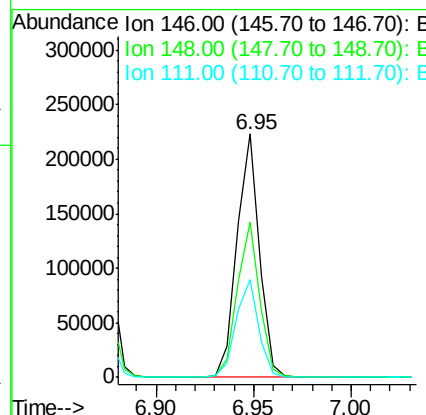
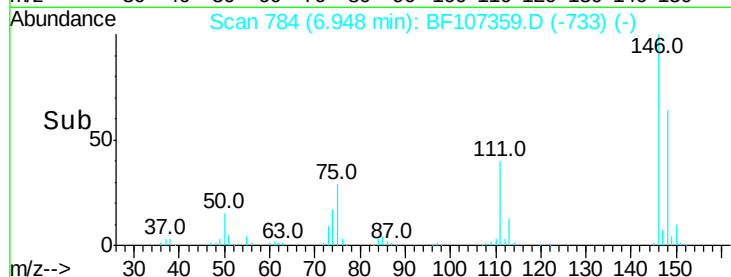
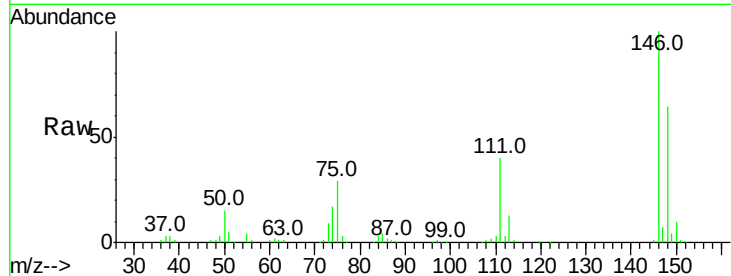
#13
 1,4-Dichlorobenzene
 Concen: 43.391 ng
 RT: 6.95 min Scan# 784
 Delta R.T. -0.00 min
 Lab File: BF107359.D
 Acq: 13 Jul 2018 11:44

Instrument :
 BNA_F
 ClientSampleId :
 EP-4-7MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.8	76.2
111	40.3	34.2	51.2

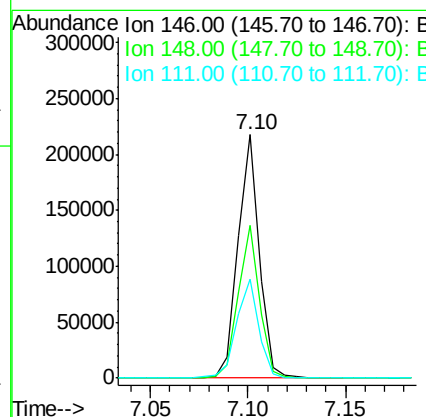
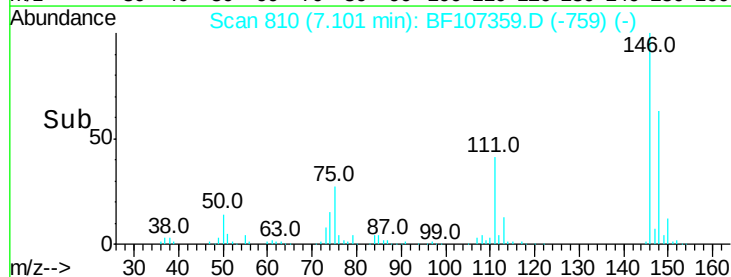
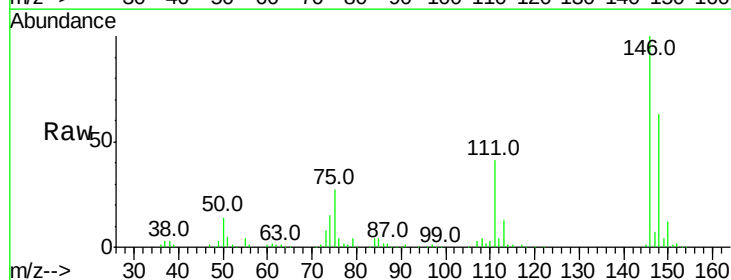
Manual Integrations
 APPROVED

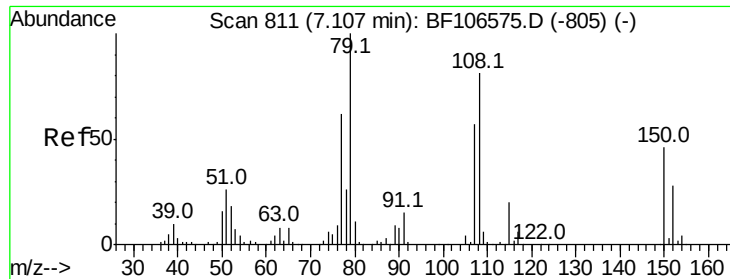
Sohil
 7/16/2018 3:22:04 PM



#14
 1,2-Dichlorobenzene
 Concen: 43.777 ng
 RT: 7.10 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF107359.D
 Acq: 13 Jul 2018 11:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.6	75.8
111	40.6	36.0	54.0





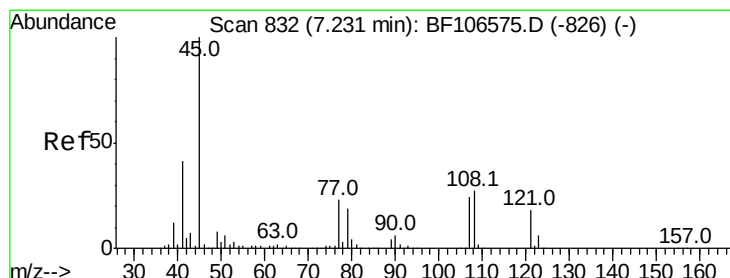
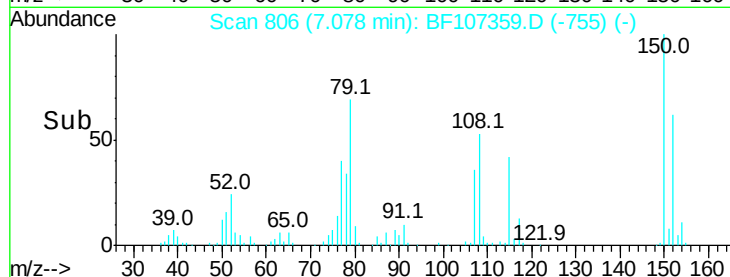
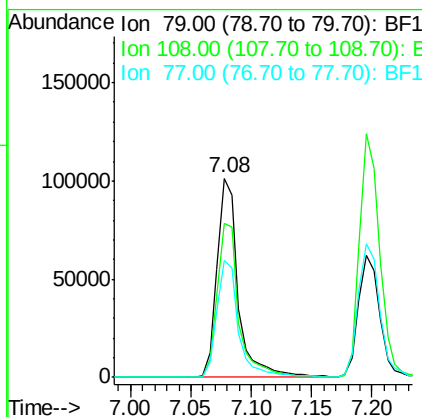
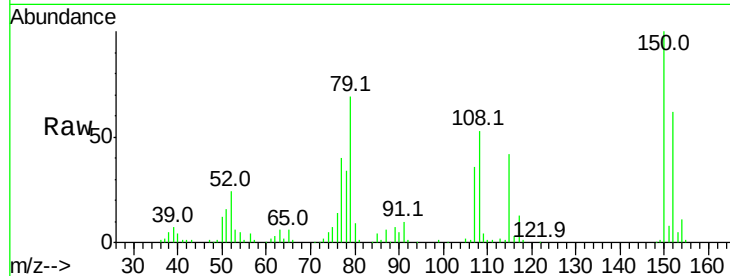
#15
Benzyl Alcohol
Concen: 38.519 ng
RT: 7.08 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF107359.D
Acq: 13 Jul 2018 11:44

Instrument :
BNA_F
ClientSampled :
EP-4-7MSD

Tot Ion:	79	Resp:	121967
Ion Ratio	Lower	Upper	
79	100		
108	77.6	65.1	97.7
77	58.6	50.6	75.8

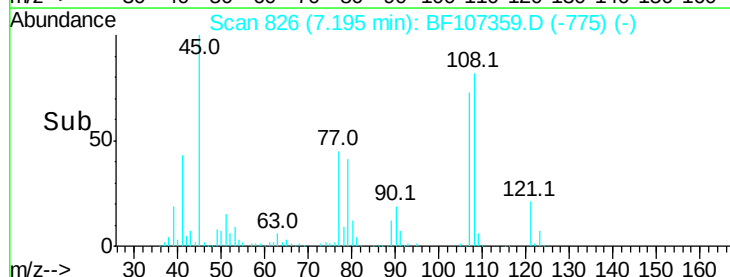
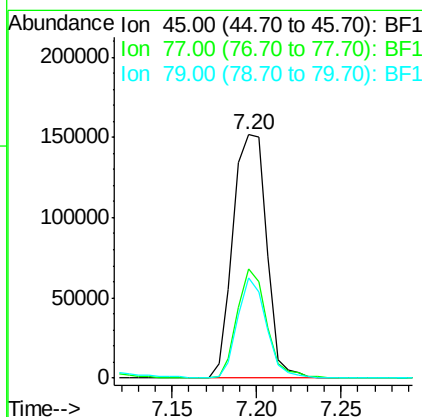
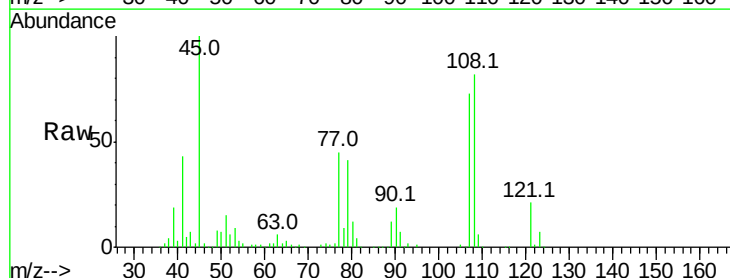
Manual Integrations
APPROVED

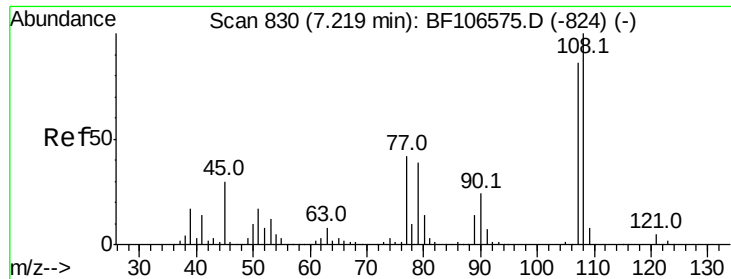
Sohil
7/16/2018 3:22:04 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 43.296 ng
RT: 7.20 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF107359.D
Acq: 13 Jul 2018 11:44

Tgt Ion:	45	Resp:	211053
Ion Ratio	Lower	Upper	
45	100		
77	44.8	0.0	32.9#
79	41.0	0.0	29.6#





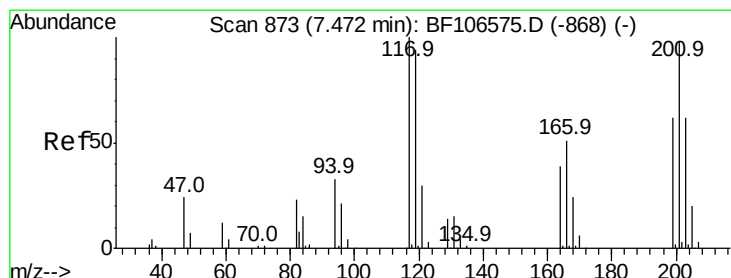
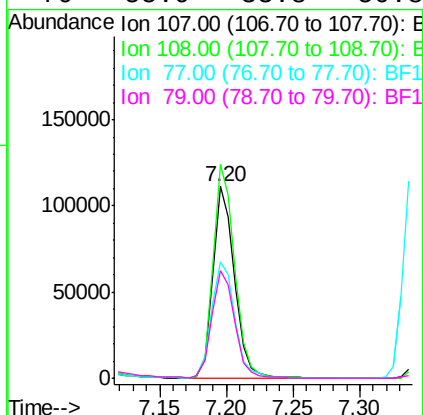
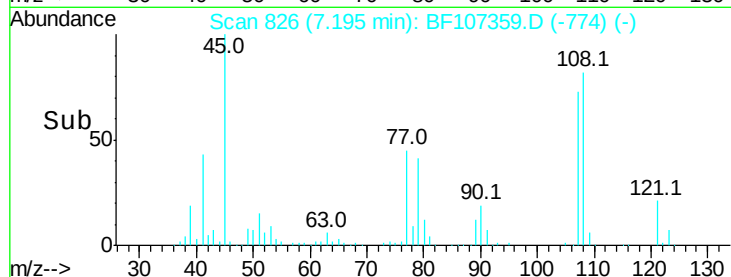
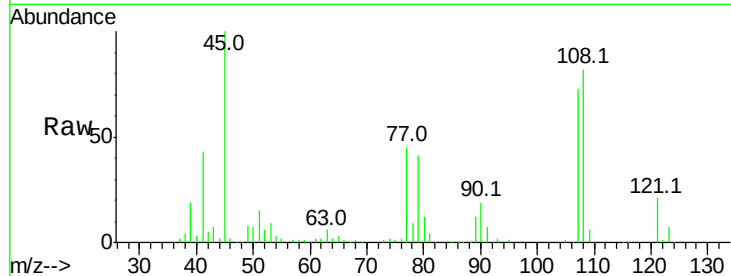
#17
2-Methylphenol
Concen: 43.043 ng
RT: 7.20 min Scan# 826
Delta R.T. 0.01 min
Lab File: BF107359.D
Acq: 13 Jul 2018 11:44

Instrument :
BNA_F
ClientSampleId :
EP-4-7MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.3	91.7	137.5
77	61.0	33.8	50.8#
79	55.9	33.8	50.8#

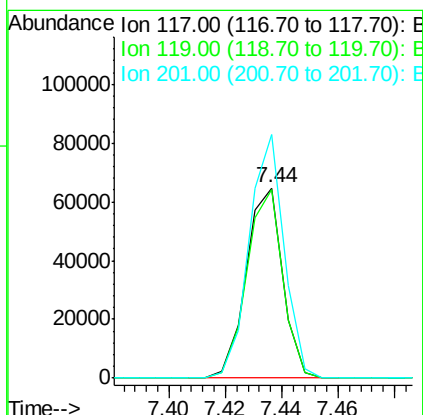
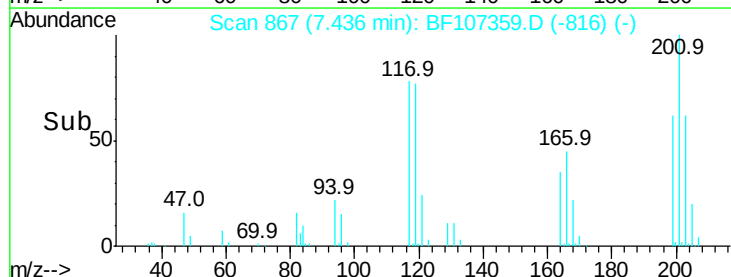
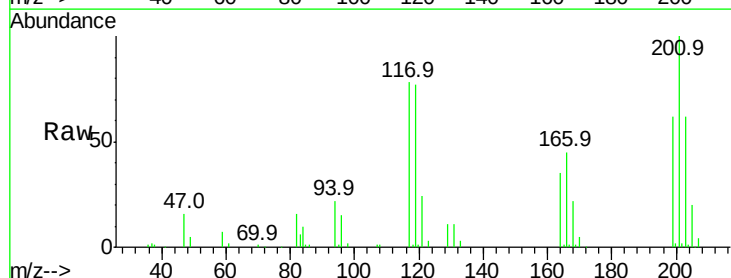
Manual Integrations
APPROVED

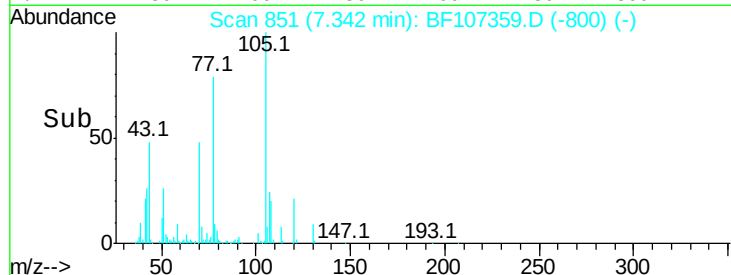
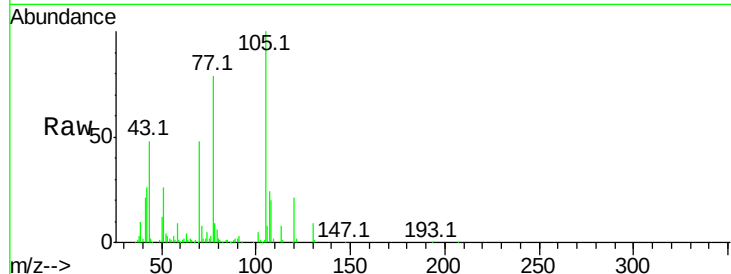
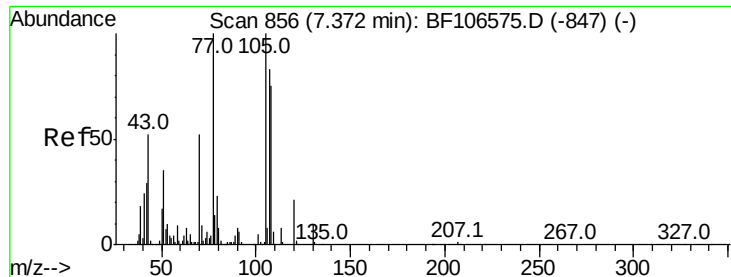
Sohil
7/16/2018 3:22:04 PM



#18
Hexachloroethane
Concen: 40.026 ng
RT: 7.44 min Scan# 867
Delta R.T. -0.00 min
Lab File: BF107359.D
Acq: 13 Jul 2018 11:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.9	75.8	113.8
201	128.1	75.7	113.5#





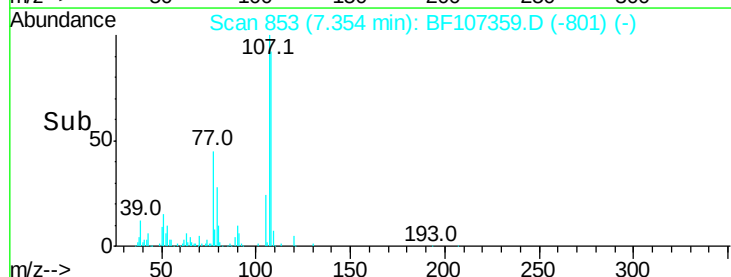
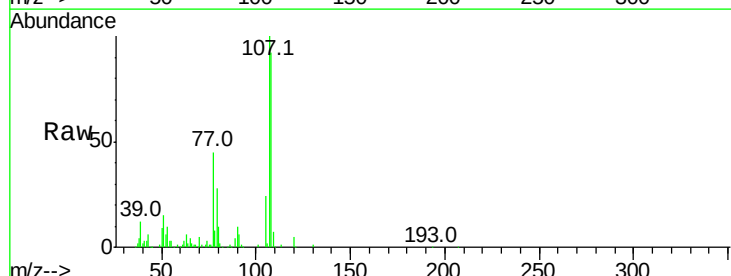
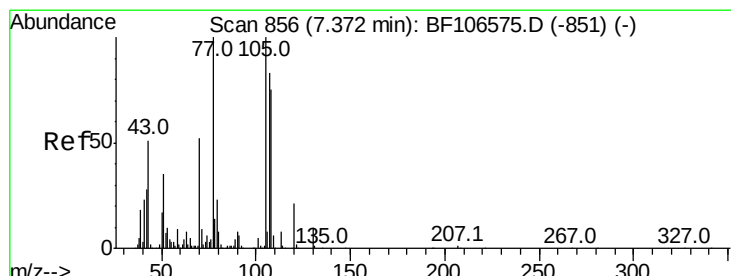
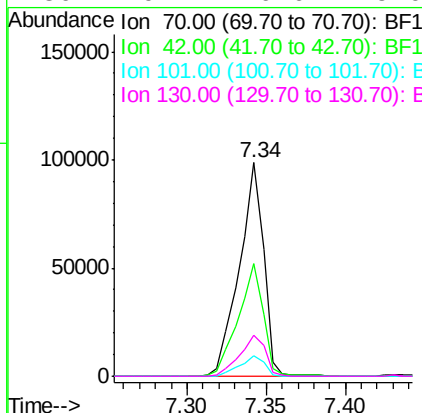
#19
n-Nitroso-di-n-propylamine
Concen: 40.353 ng
RT: 7.34 min Scan# 851
Delta R.T. -0.00 min
Lab File: BF107359.D
Acq: 13 Jul 2018 11:44

Instrument :
BNA_F
ClientSampleId :
EP-4-7MSD

Tot Ion	70	Resp	104894
Ion Ratio	Lower	Upper	
70	100		
42	52.9	47.5	71.3
101	9.8	7.4	11.2
130	19.4	16.6	25.0

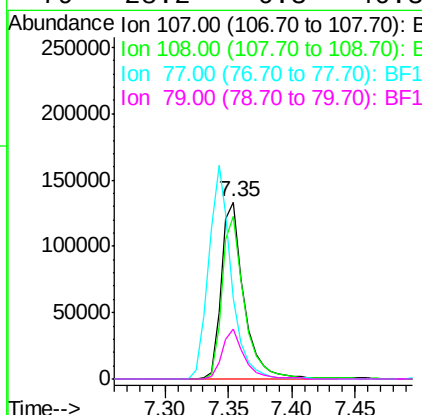
Manual Integrations
APPROVED

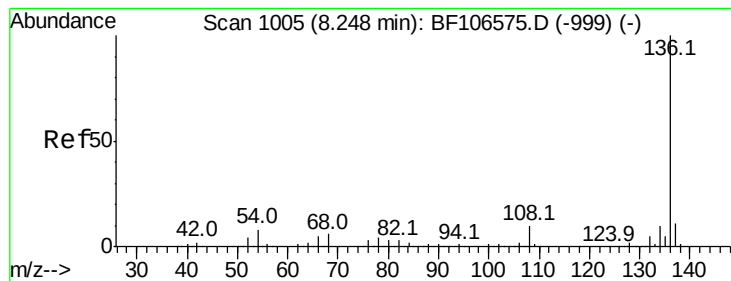
Sohil
7/16/2018 3:22:04 PM



#20
3+4-Methylphenols
Concen: 55.464 ng
RT: 7.35 min Scan# 853
Delta R.T. 0.01 min
Lab File: BF107359.D
Acq: 13 Jul 2018 11:44

Tgt Ion	107	Resp	166006
Ion Ratio	Lower	Upper	
107	100		
108	91.8	68.2	108.2
77	45.2	26.7	66.7
79	28.2	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.21 min Scan# 999

Delta R.T. -0.00 min

Lab File: BF107359.D

Acq: 13 Jul 2018 11:44

Instrument :

BNA_F

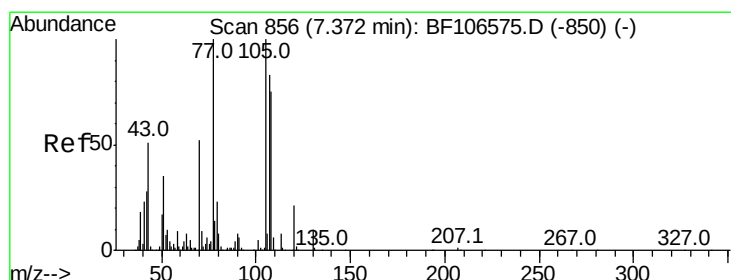
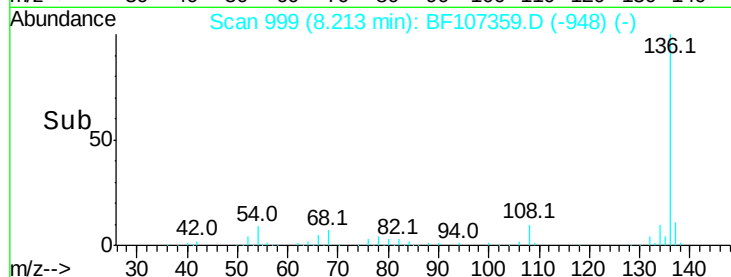
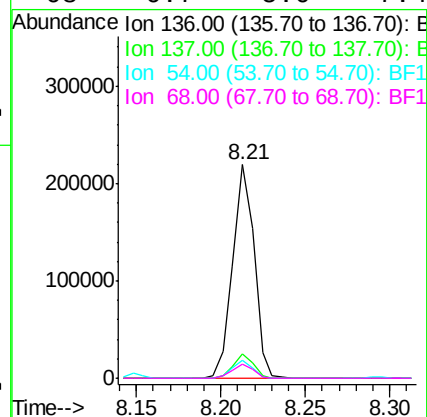
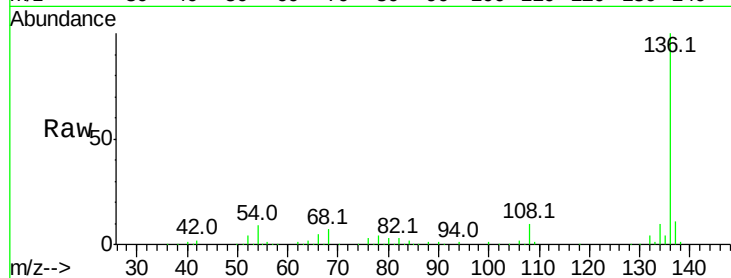
ClientSampleId :

EP-4-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	193746		
137	11.3		8.9	13.3
54	8.5		6.6	9.8
68	6.7		5.0	7.4

Manual Integrations
APPROVED

Sohil
7/16/2018 3:22:04 PM



#22

Acetophenone

Concen: 48.805 ng

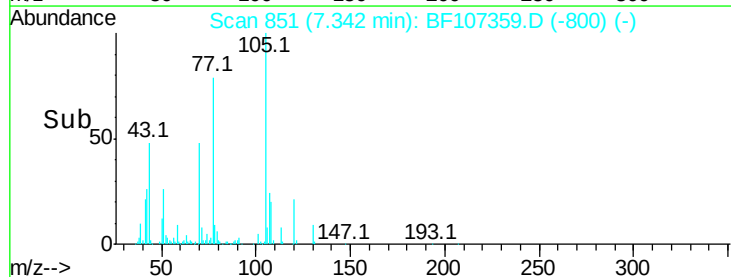
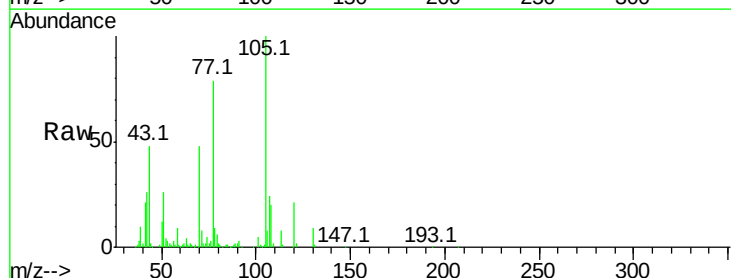
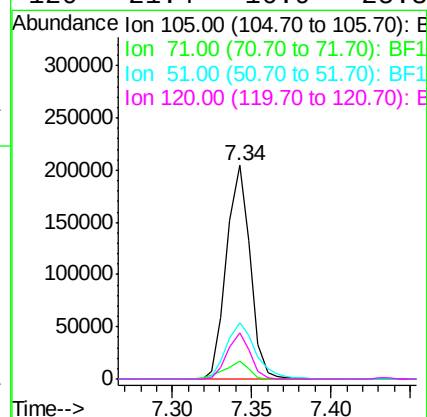
RT: 7.34 min Scan# 851

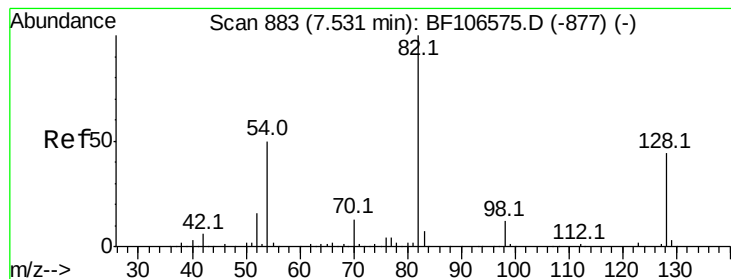
Delta R.T. -0.00 min

Lab File: BF107359.D

Acq: 13 Jul 2018 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	211548		
71	8.2		4.4	6.6#
51	26.2		22.3	33.5
120	21.4		16.9	25.3





#23

Nitrobenzene-d5

Concen: 104.215 ng

RT: 7.50 min Scan# 878

Delta R.T. -0.00 min

Lab File: BF107359.D

Acq: 13 Jul 2018 11:44

Instrument :

BNA_F

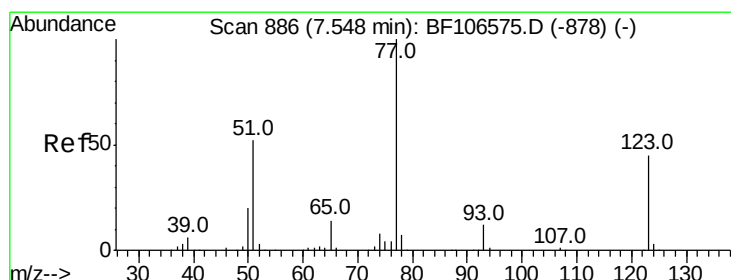
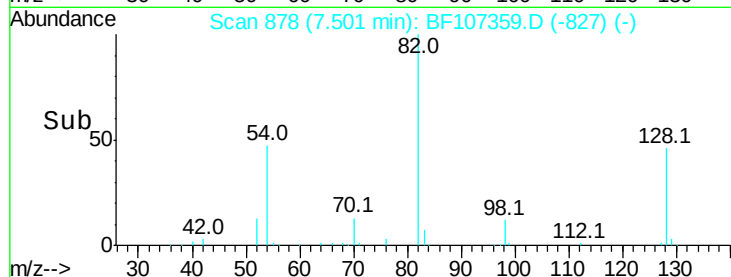
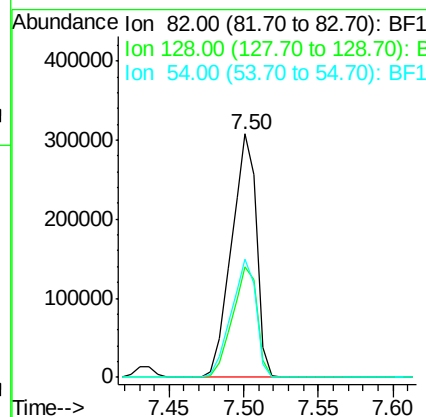
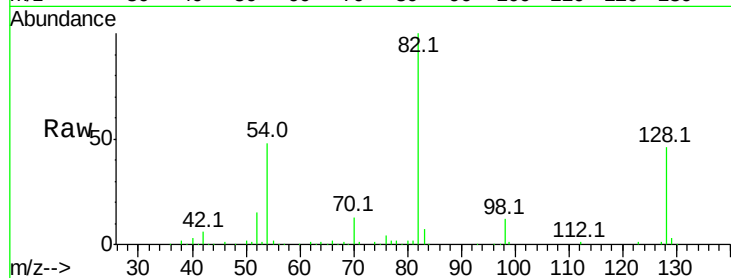
ClientSampled :

EP-4-7MSD

Tot Ion:	82	Resp:	363326
Ion Ratio	Lower	Upper	
82	100		
128	45.6	36.1	54.1
54	48.5	41.4	62.2

Manual Integrations
APPROVED

Sohil
7/16/2018 3:22:04 PM



#24

Nitrobenzene

Concen: 46.094 ng

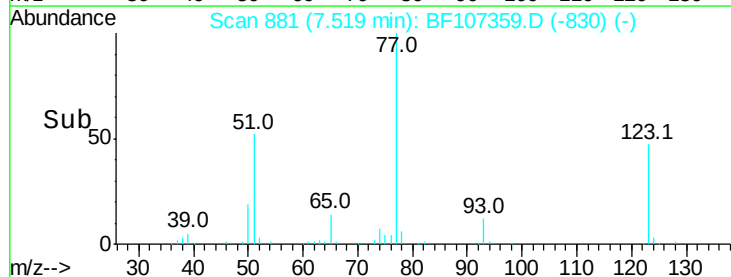
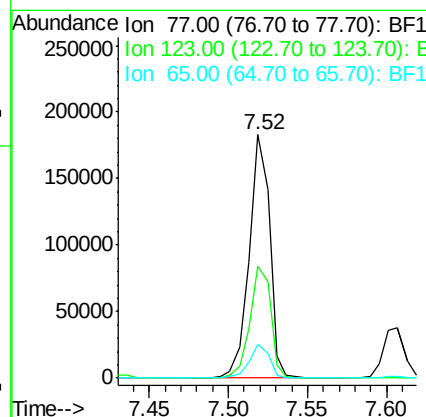
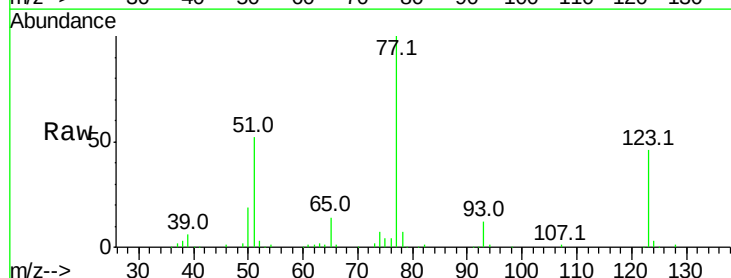
RT: 7.52 min Scan# 881

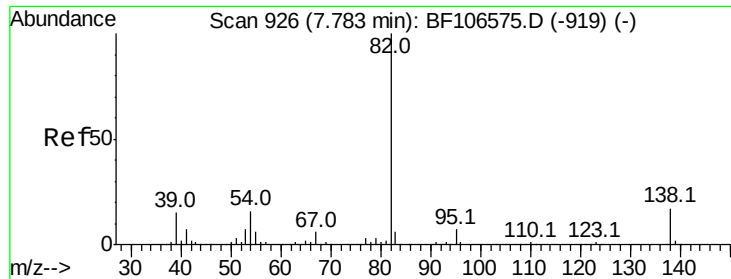
Delta R.T. -0.00 min

Lab File: BF107359.D

Acq: 13 Jul 2018 11:44

Tgt Ion:	77	Resp:	164066
Ion Ratio	Lower	Upper	
77	100		
123	45.8	37.9	56.9
65	13.7	11.0	16.4





#25

Isophorone

Concen: 48.007 ng

RT: 7.75 min Scan# 921

Delta R.T. -0.00 min

Lab File: BF107359.D

Acq: 13 Jul 2018 11:44

Instrument :

BNA_F

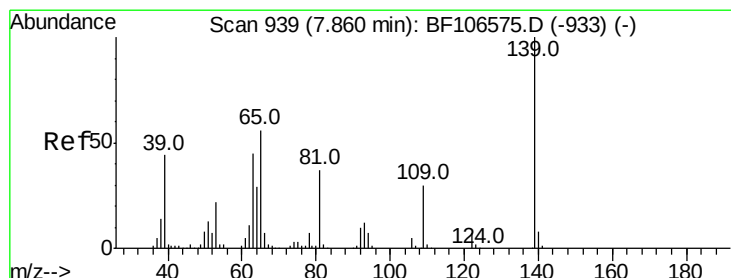
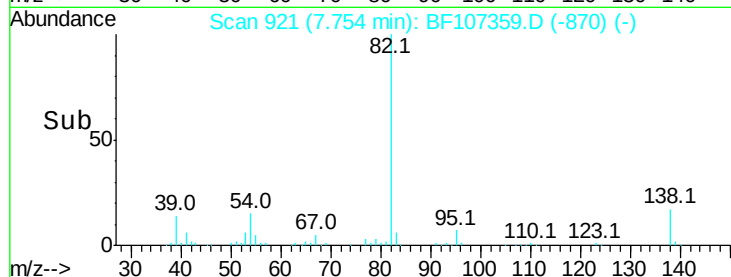
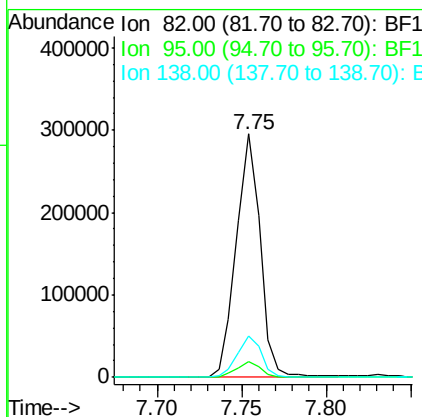
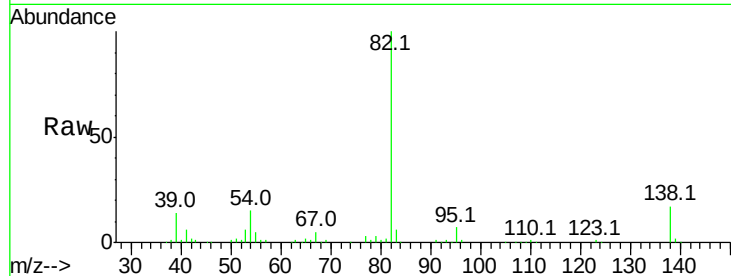
ClientSampleId :

EP-4-7MSD

Tot Ion:	82	Resp:	294924
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.2	7.8
138	17.1	14.9	22.3

Manual Integrations
APPROVED

Sohil
7/16/2018 3:22:04 PM



#26

2-Nitrophenol

Concen: 50.675 ng

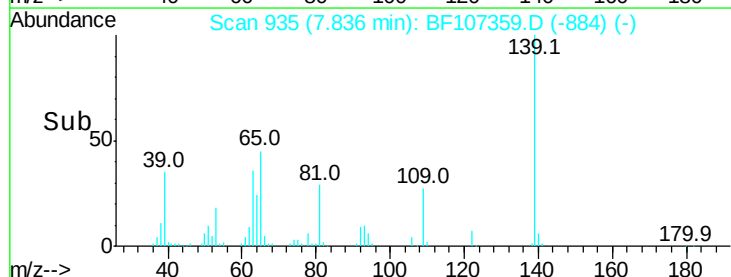
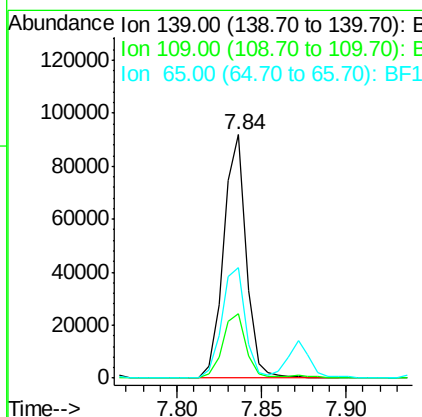
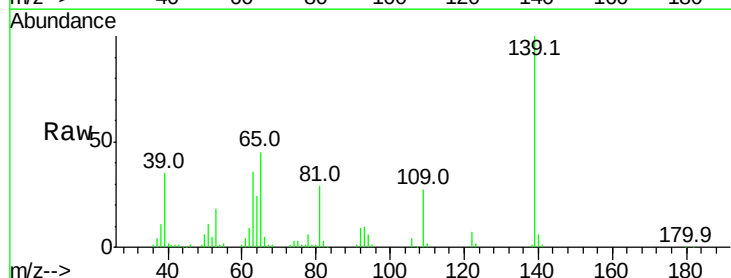
RT: 7.84 min Scan# 935

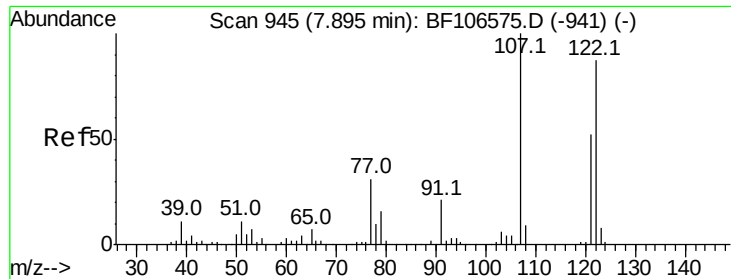
Delta R.T. -0.00 min

Lab File: BF107359.D

Acq: 13 Jul 2018 11:44

Tgt Ion:	139	Resp:	85148
Ion Ratio	Lower	Upper	
139	100		
109	26.6	22.7	34.1
65	45.4	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 52.469 ng

RT: 7.87 min Scan# 941

Delta R.T. -0.00 min

Lab File: BF107359.D

Acq: 13 Jul 2018 11:44

Instrument :

BNA_F

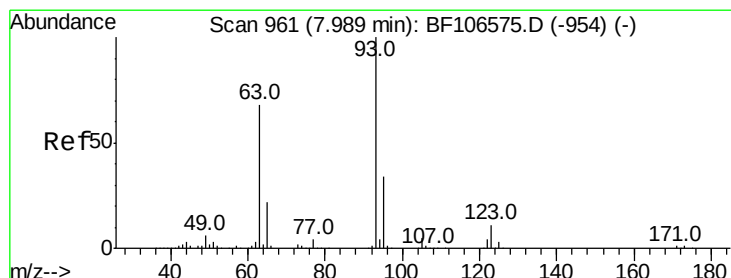
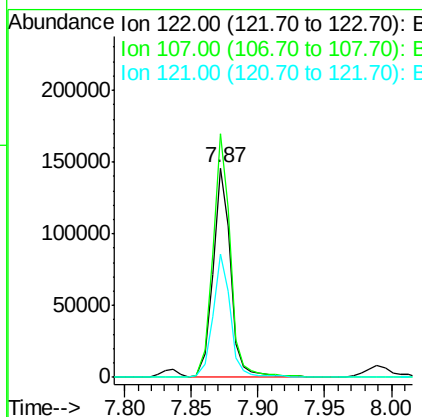
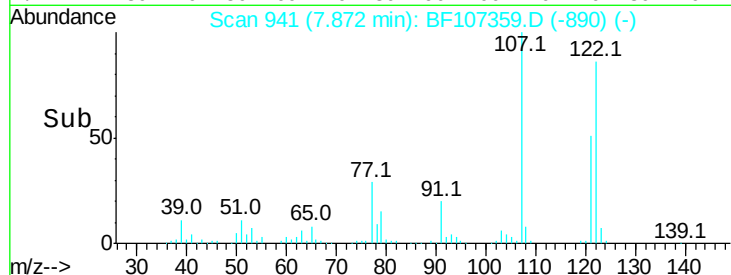
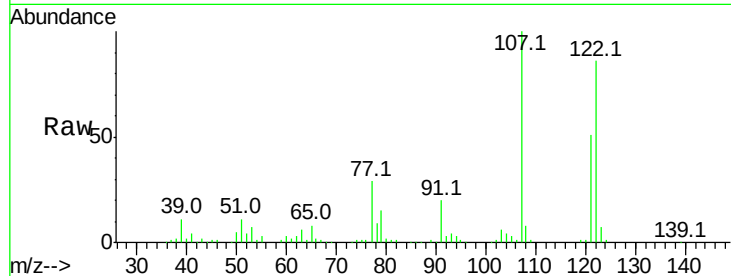
ClientSampled :

EP-4-7MSD

Tot Ion:	122	Resp:	136268
Ion Ratio	Lower	Upper	
122	100		
107	116.1	91.2	136.8
121	58.8	47.2	70.8

Manual Integrations
APPROVED

Sohil
7/16/2018 3:22:04 PM



#28

bis(2-Chloroethoxy)methane

Concen: 46.368 ng

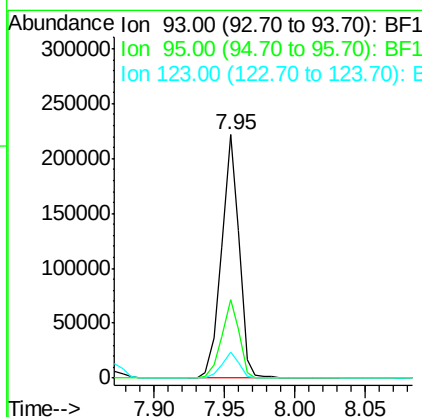
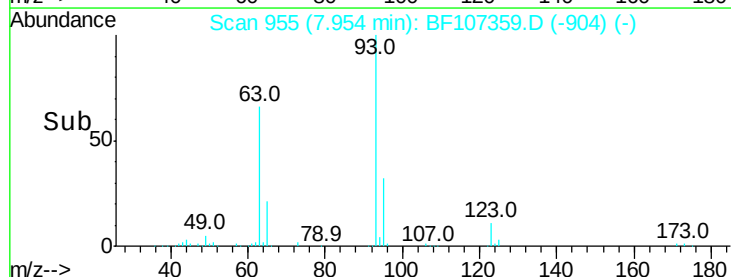
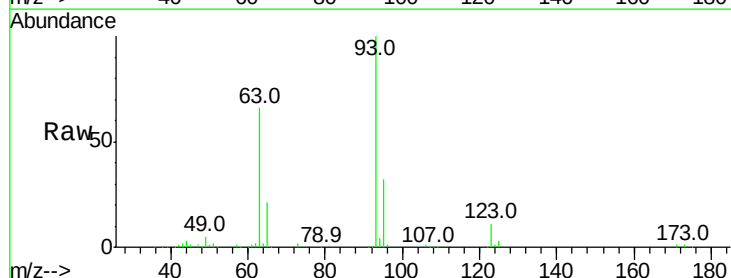
RT: 7.95 min Scan# 955

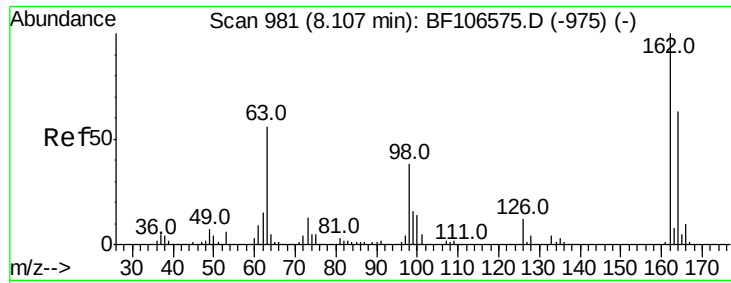
Delta R.T. -0.00 min

Lab File: BF107359.D

Acq: 13 Jul 2018 11:44

Tgt Ion:	93	Resp:	191258
Ion Ratio	Lower	Upper	
93	100		
95	32.1	26.3	39.5
123	10.6	9.8	14.6





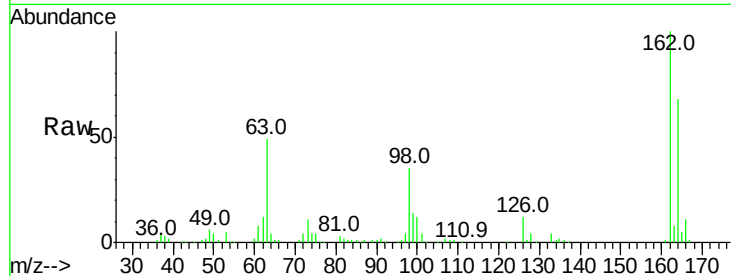
#29
2,4-Dichlorophenol
Concen: 50.527 ng
RT: 8.09 min Scan# 978
Delta R.T. 0.01 min
Lab File: BF107359.D
Acq: 13 Jul 2018 11:44

Instrument :
BNA_F
ClientSampled :
EP-4-7MSD

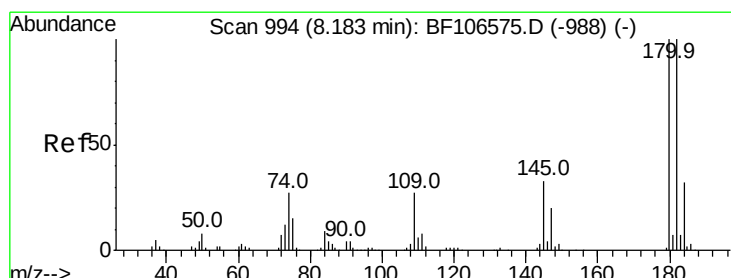
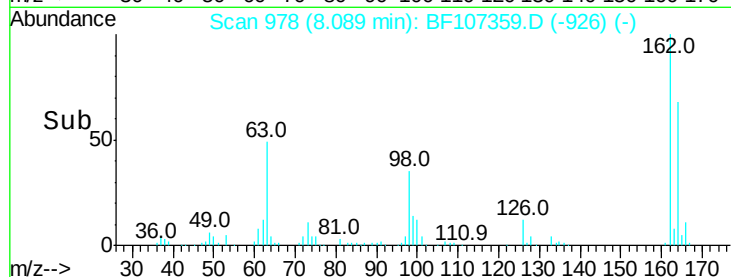
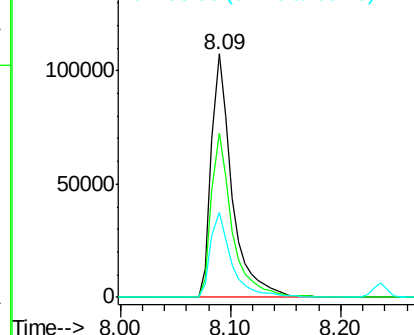
Tot Ion	Ratio	Resp	Lower	Upper
162	100	137384		
164	67.6	42.7	82.7	
98	34.7	18.1	58.1	

Manual Integrations
APPROVED

Sohil
7/16/2018 3:22:04 PM

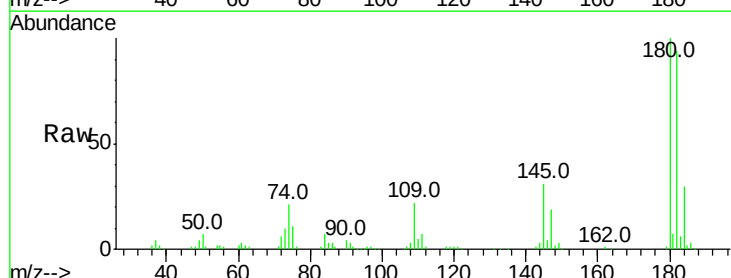


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

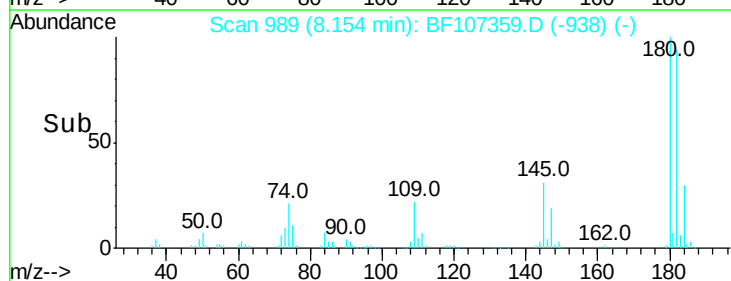
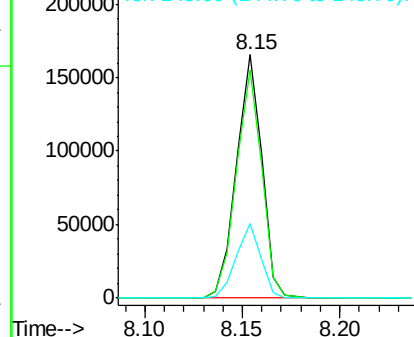


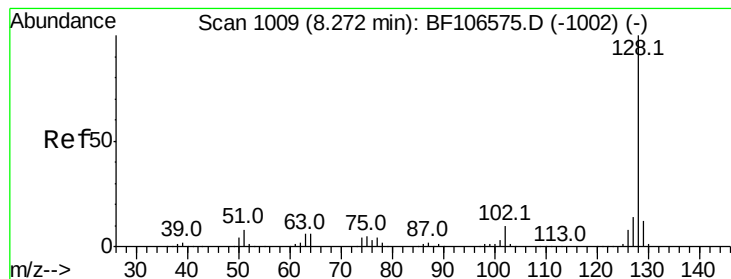
#30
1,2,4-Trichlorobenzene
Concen: 49.860 ng
RT: 8.15 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF107359.D
Acq: 13 Jul 2018 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	149345		
182	93.6	76.8	115.2	
145	30.8	26.5	39.7	



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





#31

Naphthalene

Concen: 47.510 ng

RT: 8.24 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BF107359.D

Acq: 13 Jul 2018 11:44

Instrument :

BNA_F

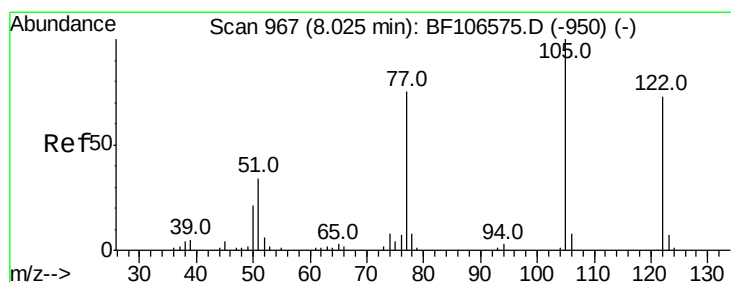
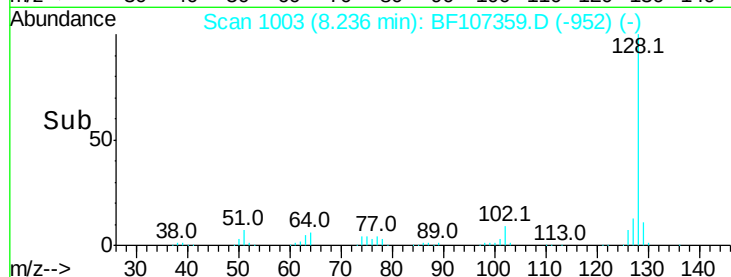
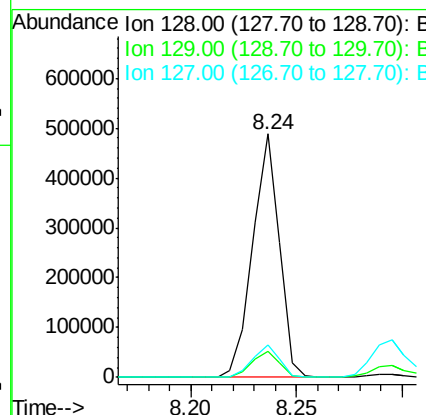
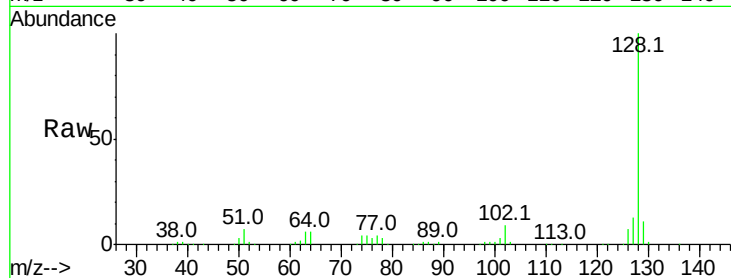
ClientSampled :

EP-4-7MSD

Tot Ion:	128	Resp:	430354
Ion Ratio	Lower	Upper	
128	100		
129	10.9	8.8	13.2
127	13.5	10.9	16.3

Manual Integrations
APPROVED

Sohil
7/16/2018 3:22:04 PM



#32

Benzoic acid

Concen: 11.946 ng

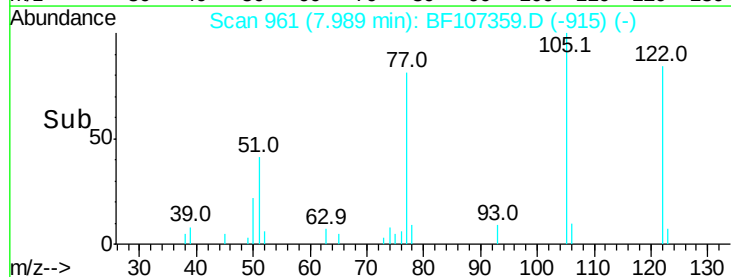
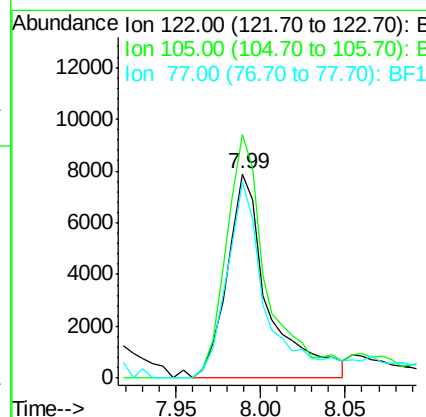
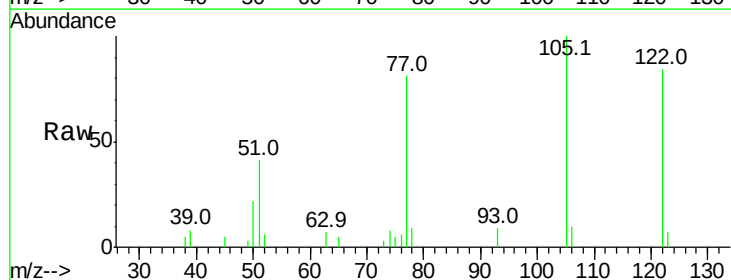
RT: 7.99 min Scan# 961

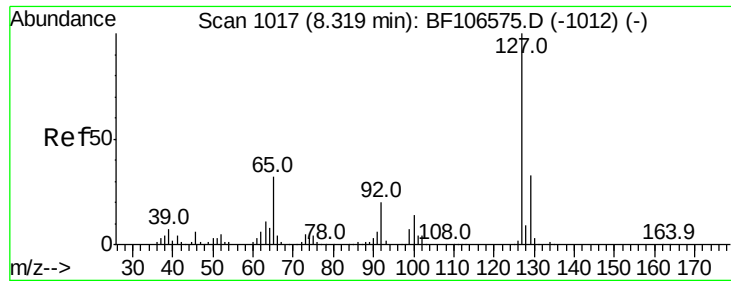
Delta R.T. -0.03 min

Lab File: BF107359.D

Acq: 13 Jul 2018 11:44

Tgt Ion:	122	Resp:	13333
Ion Ratio	Lower	Upper	
122	100		
105	119.1	101.1	141.1
77	96.2	70.7	110.7





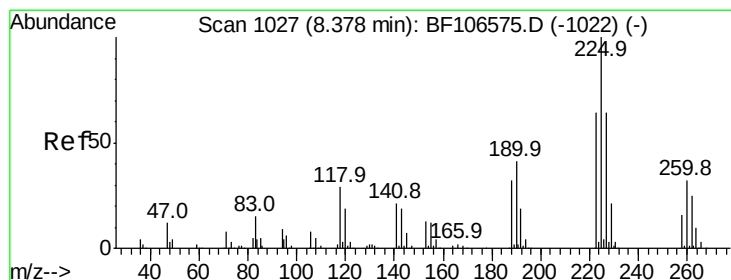
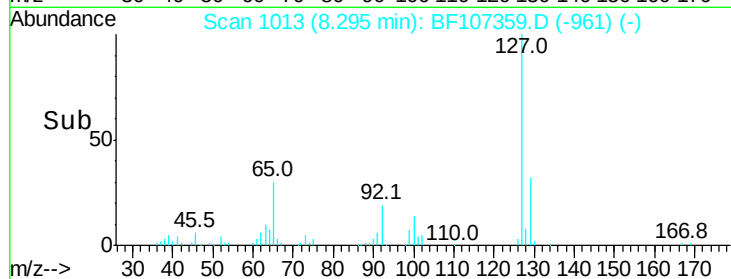
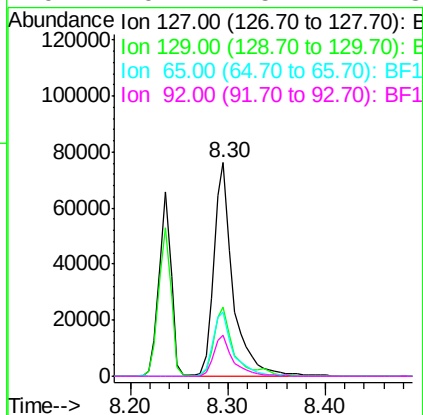
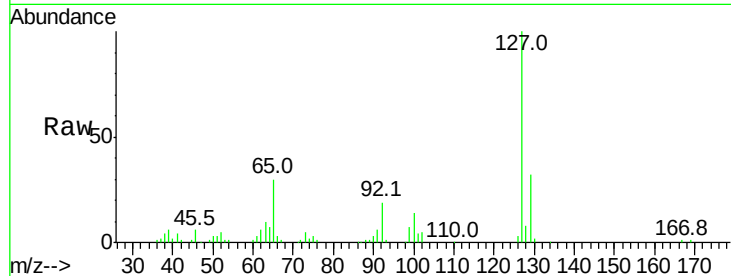
#33
4-Chloroaniline
Concen: 27.384 ng
RT: 8.30 min Scan# 1013
Delta R.T. 0.01 min
Lab File: BF107359.D
Acq: 13 Jul 2018 11:44

Instrument :
BNA_F
ClientSampleId :
EP-4-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.2	25.9	38.9	
65	30.2	25.0	37.4	
92	19.1	15.2	22.8	

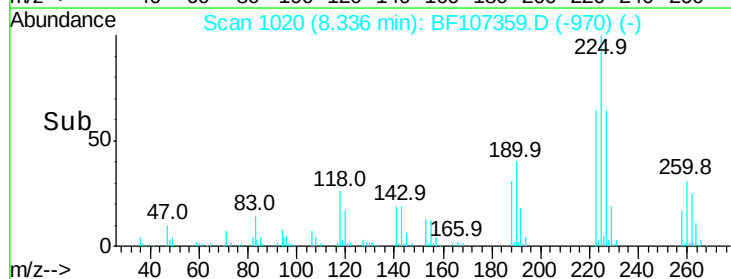
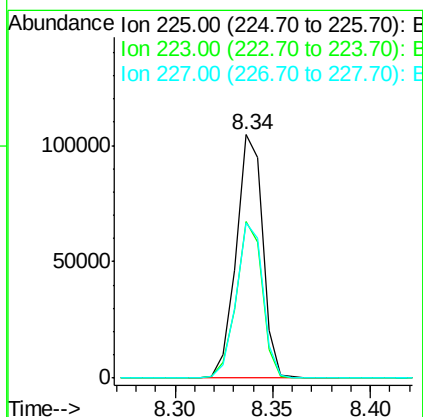
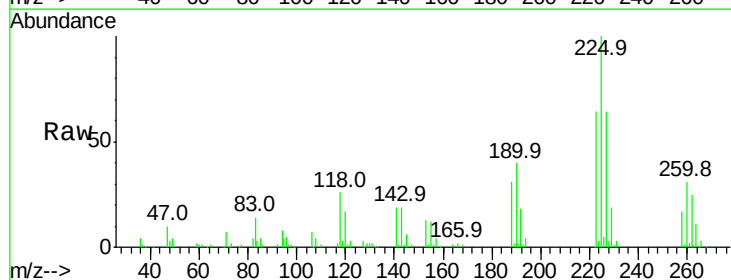
Manual Integrations
APPROVED

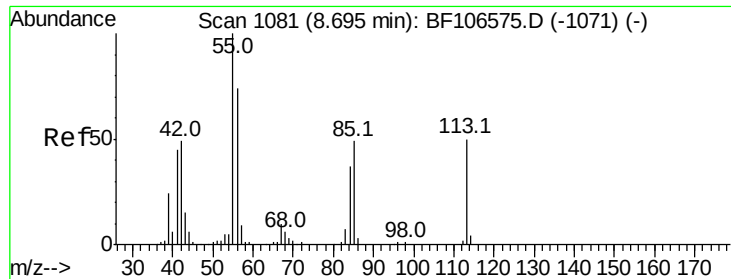
Sohil
7/16/2018 3:22:04 PM



#34
Hexachlorobutadiene
Concen: 50.630 ng
RT: 8.34 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF107359.D
Acq: 13 Jul 2018 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.1	50.6	76.0	
227	64.0	51.9	77.9	





#35

Caprolactam

Concen: 42.249 ng/mL

RT: 8.68 min Scan# 1078

Delta R.T. 0.01 min

Lab File: BF107359.D

Acq: 13 Jul 2018 11:44

Instrument :

BNA_F

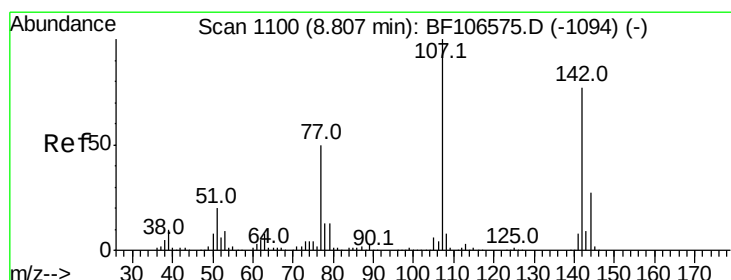
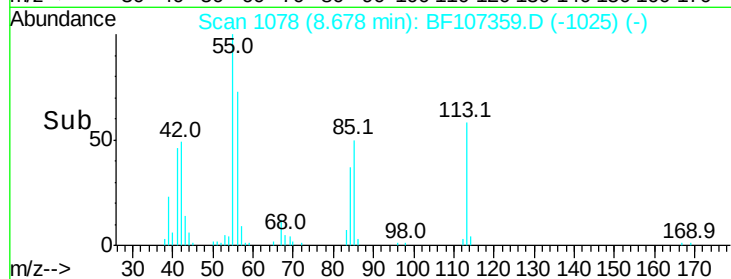
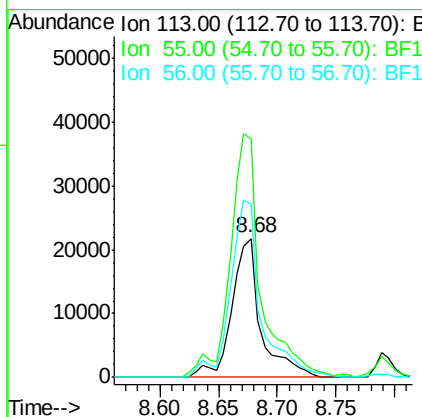
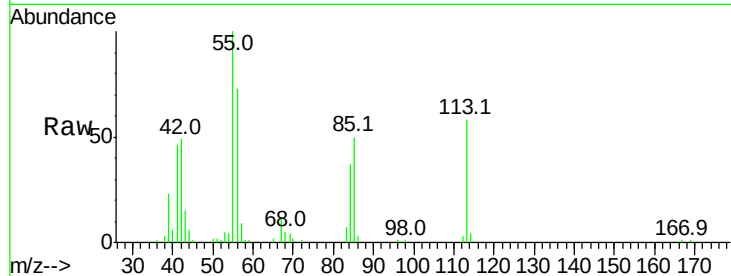
ClientSampled :

EP-4-7MSD

Tot Ion:	113	Resp:	37446
Ion Ratio	Lower	Upper	
113	100		
55	171.5	163.3	203.3
56	124.7	115.7	155.7

Manual Integrations
APPROVED

Sohil
7/16/2018 3:22:04 PM



#36

4-Chloro-3-methylphenol

Concen: 44.891 ng/mL

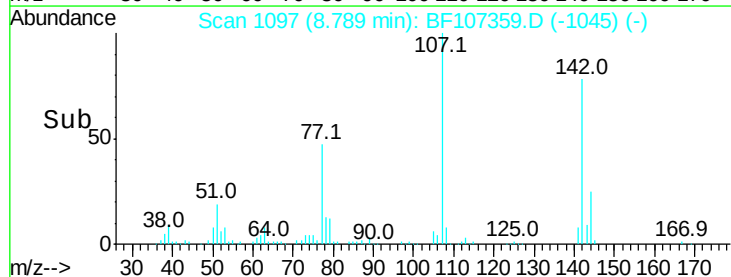
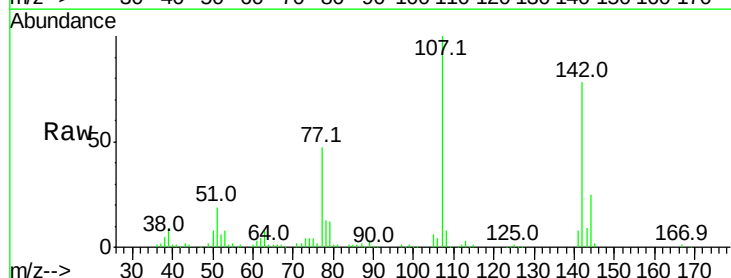
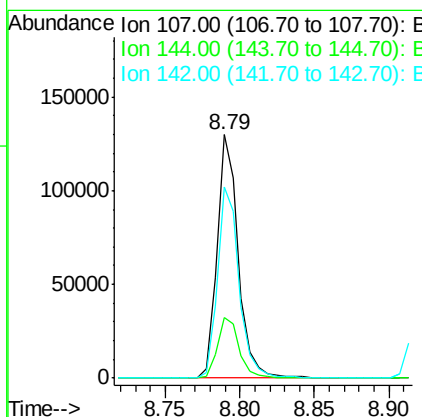
RT: 8.79 min Scan# 1097

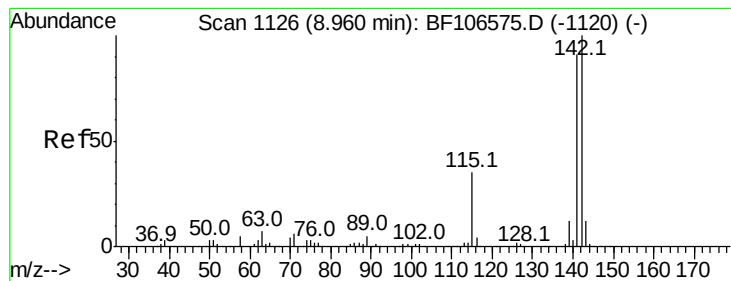
Delta R.T. 0.01 min

Lab File: BF107359.D

Acq: 13 Jul 2018 11:44

Tgt Ion:	107	Resp:	128476
Ion Ratio	Lower	Upper	
107	100		
144	24.8	20.5	30.7
142	78.4	62.0	93.0





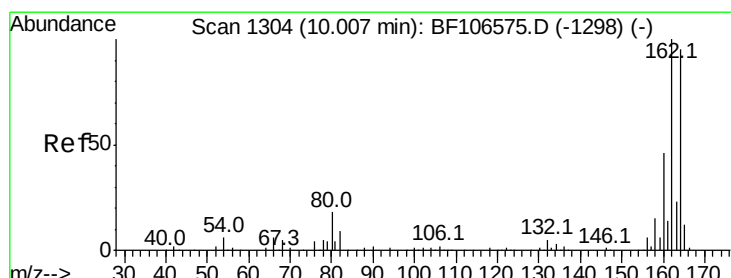
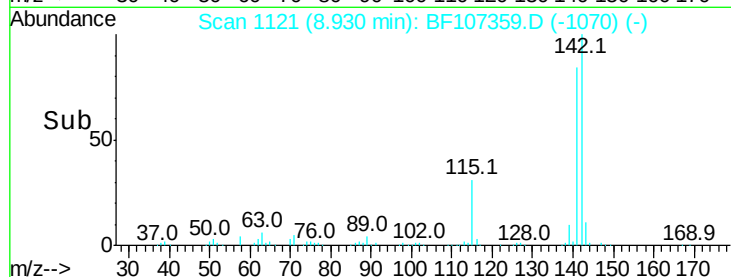
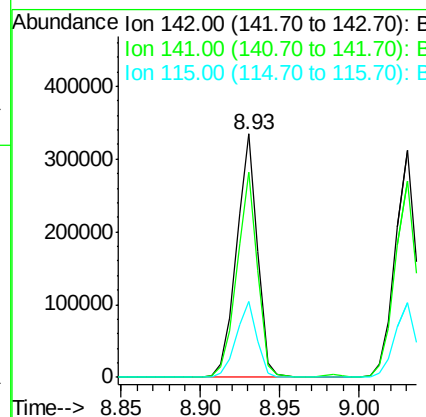
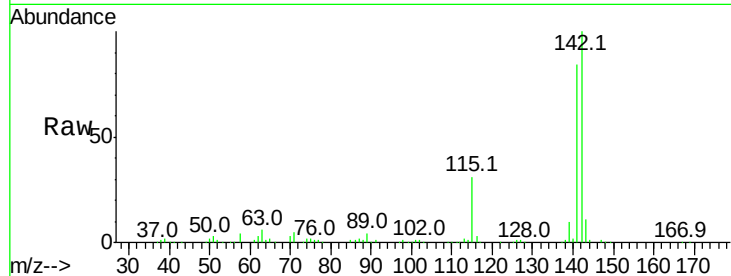
#37
2-Methylnaphthalene
Concen: 50.744 ng
RT: 8.93 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BF107359.D
Acq: 13 Jul 2018 11:44

Instrument :
BNA_F
ClientSampleId :
EP-4-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	304665		
141	84.3		70.8	106.2
115	31.1		26.1	39.1

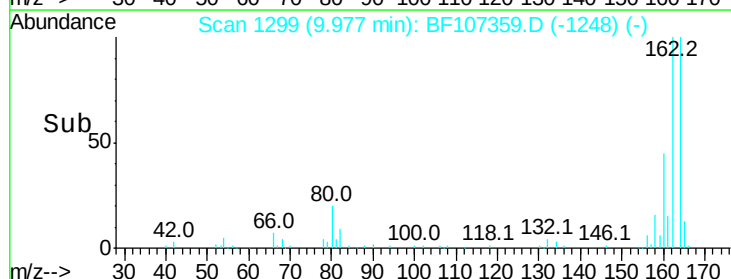
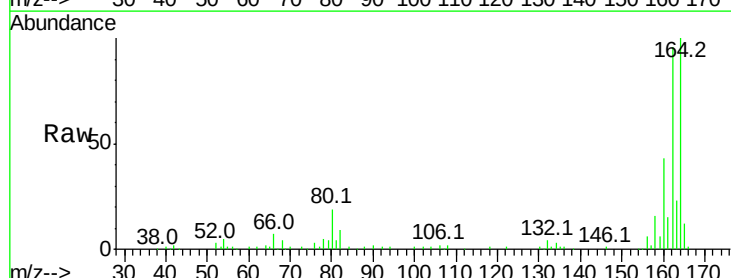
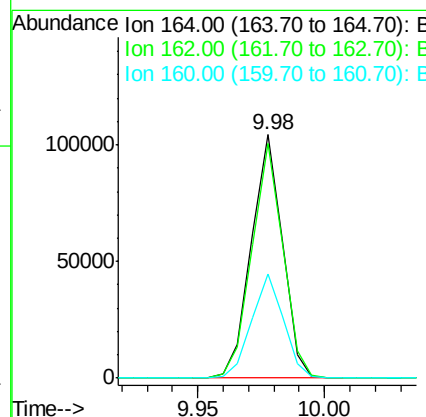
Manual Integrations
APPROVED

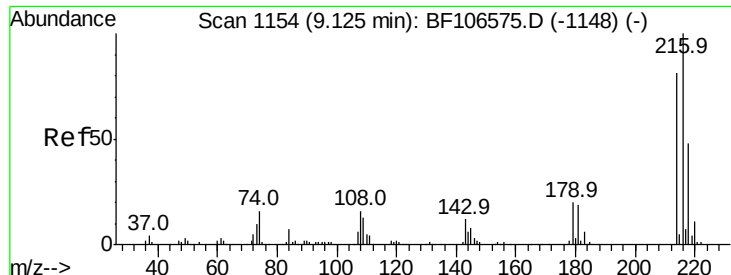
Sohil
7/16/2018 3:22:04 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BF107359.D
Acq: 13 Jul 2018 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	89597		
162	96.2		86.1	129.1
160	42.9		38.3	57.5





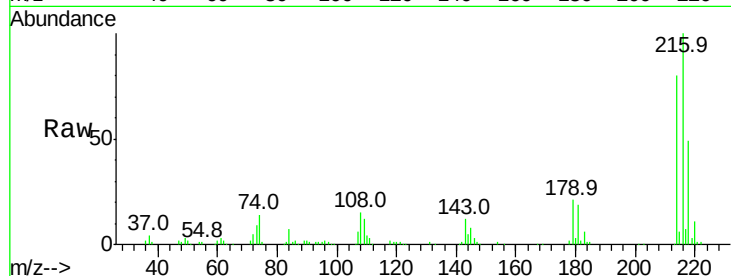
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 52.037 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF107359.D
 Acq: 13 Jul 2018 11:44

Instrument :
 BNA_F
 ClientSampled :
 EP-4-7MSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.1	63.0	94.4
179	19.3	18.1	27.1
108	14.0	17.2	25.8

Manual Integrations
 APPROVED

Sohil
 7/16/2018 3:22:04 PM



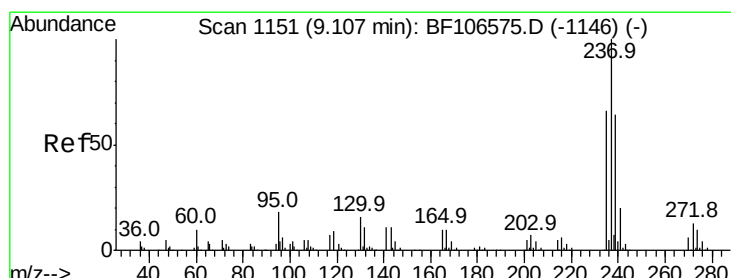
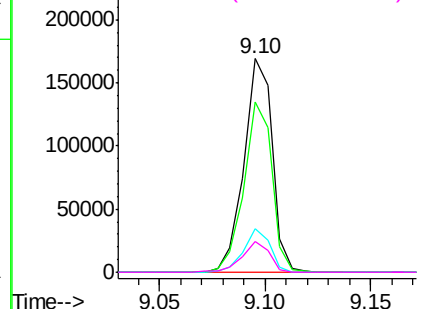
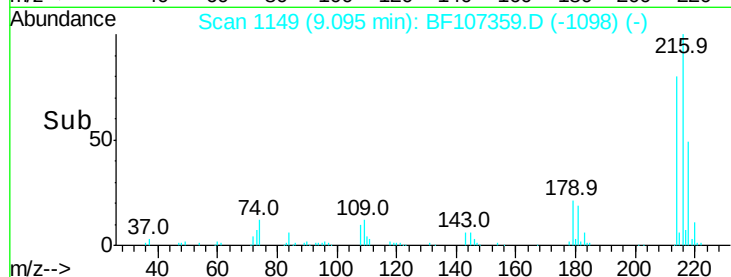
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

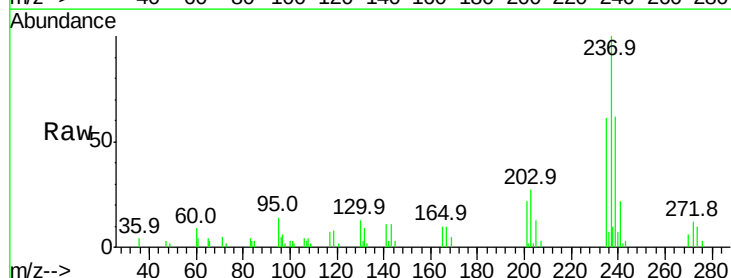
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 7.239 ng
 RT: 9.07 min Scan# 1145
 Delta R.T. -0.00 min
 Lab File: BF107359.D
 Acq: 13 Jul 2018 11:44

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	60.6	44.8	84.8
272	12.1	0.0	33.3

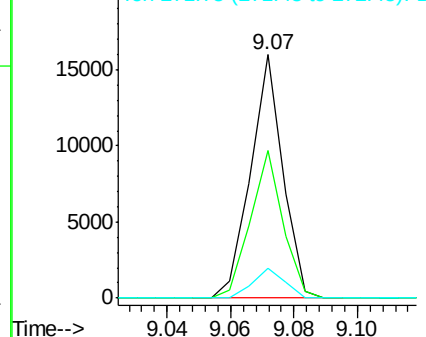
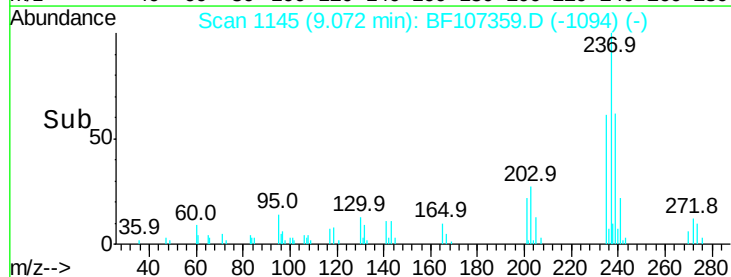


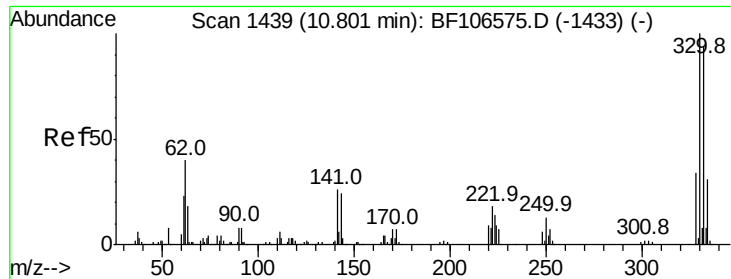
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





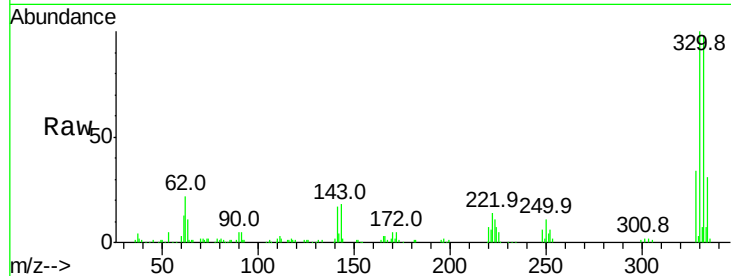
#41
 2,4,6-Tribromophenol
 Concen: 137.805 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. 0.01 min
 Lab File: BF107359.D
 Acq: 13 Jul 2018 11:44

Instrument :
 BNA_F
 ClientSampleId :
 EP-4-7MSD

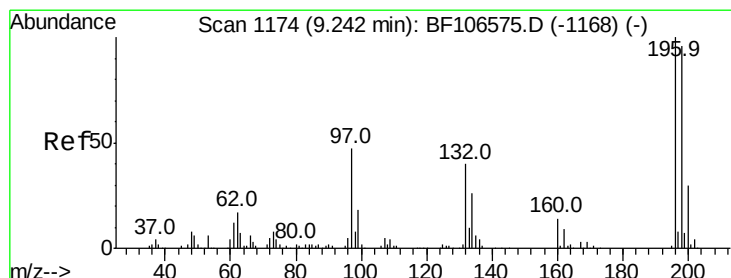
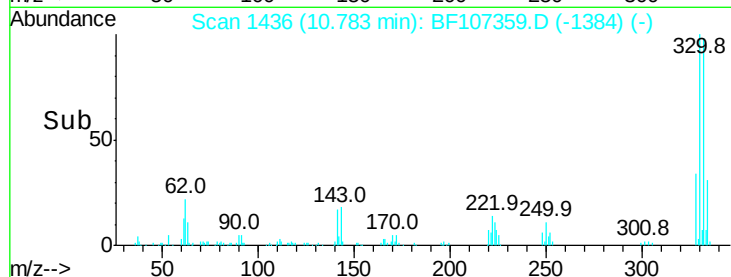
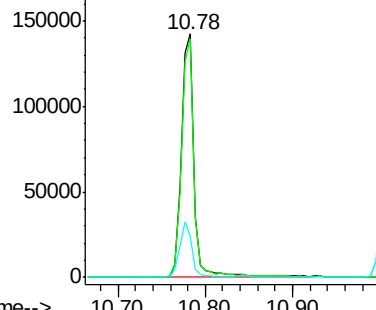
Tot Ion	Ratio	Resp	Lower	Upper
330	100	143104		
332	96.0	77.0	115.6	
141	22.3	29.9	44.9	

Manual Integrations
 APPROVED

Sohil
 7/16/2018 3:22:04 PM

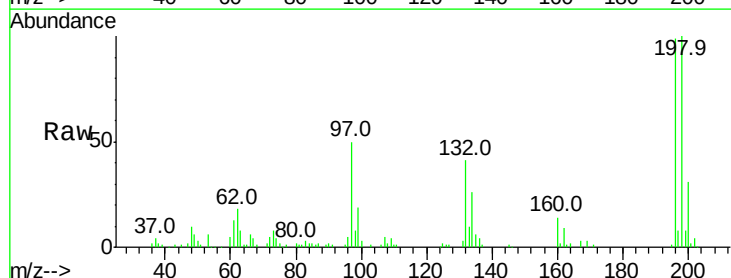


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

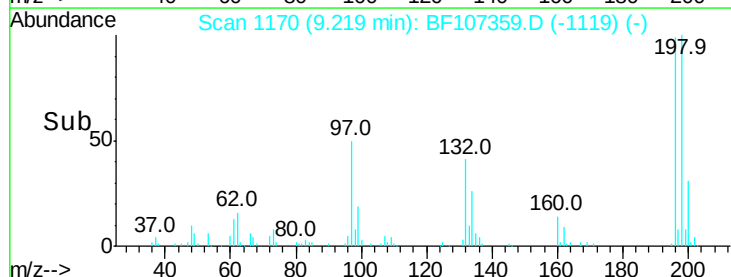
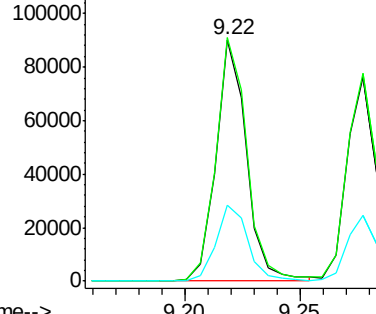


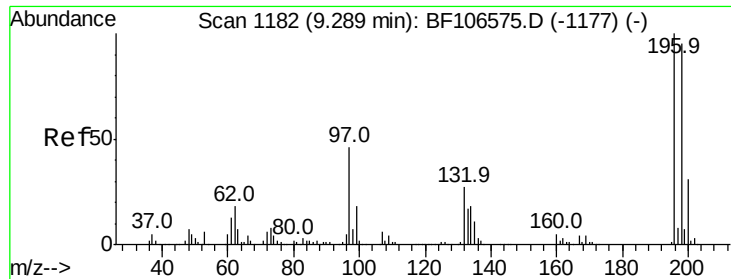
#42
 2,4,6-Trichlorophenol
 Concen: 41.527 ng
 RT: 9.22 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF107359.D
 Acq: 13 Jul 2018 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	83289		
198	100.8	75.7	113.5	
200	31.2	24.5	36.7	



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





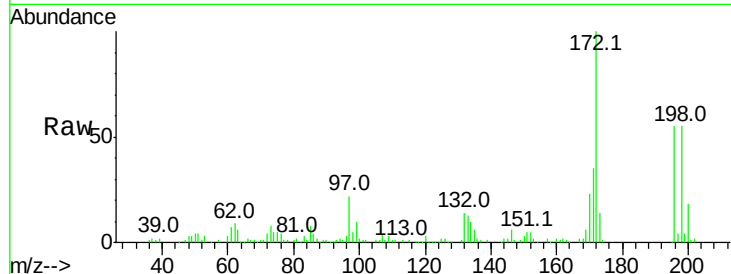
#43
 2,4,5-Trichlorophenol
 Concen: 36.824 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: BF107359.D
 Acq: 13 Jul 2018 11:44

Instrument :
 BNA_F
 ClientSampleId :
 EP-4-7MSD

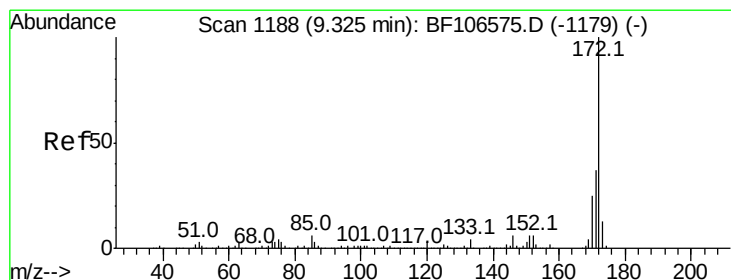
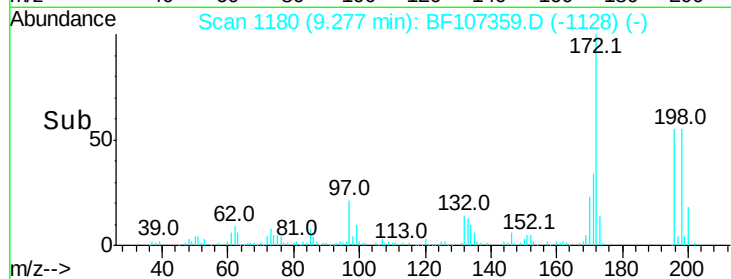
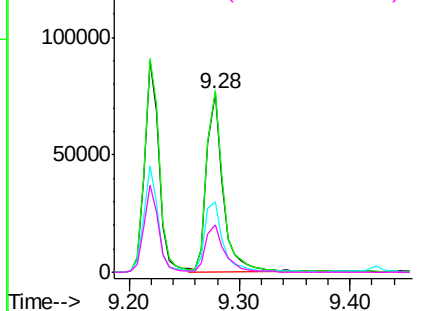
Tot Ion:	196	Resp:	77068
Ion Ratio	Lower	Upper	
196	100		
198	101.5	74.6	112.0
97	39.5	42.9	64.3#
132	26.5	26.3	39.5

Manual Integrations
 APPROVED

Sohil
 7/16/2018 3:22:04 PM



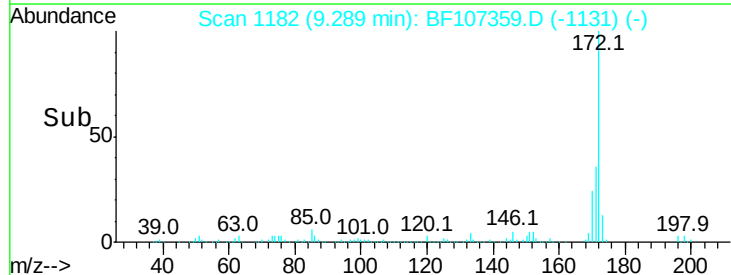
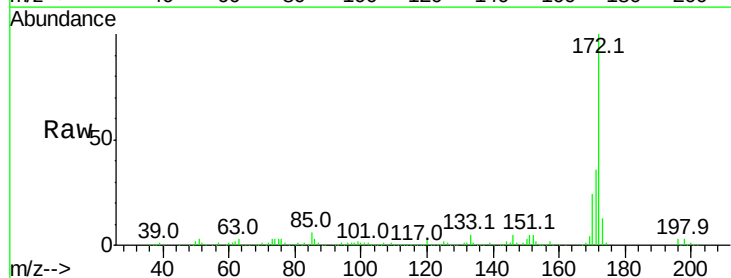
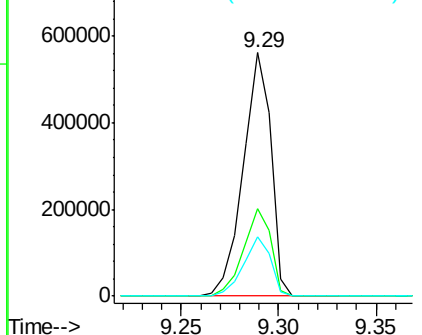
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

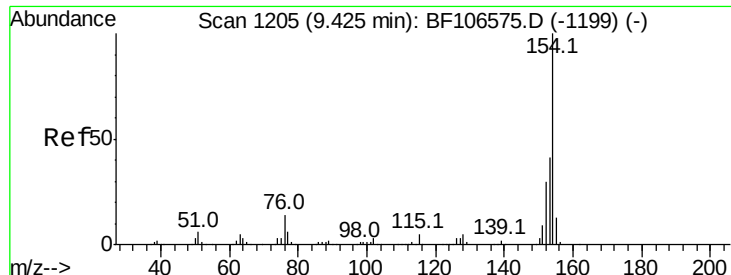


#44
 2-Fluorobiphenyl
 Concen: 108.474 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF107359.D
 Acq: 13 Jul 2018 11:44

Tgt Ion:	172	Resp:	552629
Ion Ratio	Lower	Upper	
172	100		
171	35.9	29.7	44.5
170	24.3	19.6	29.4

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





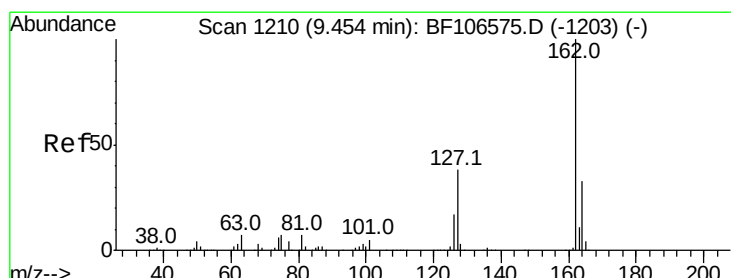
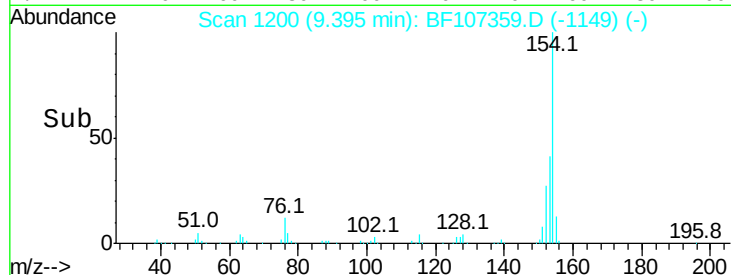
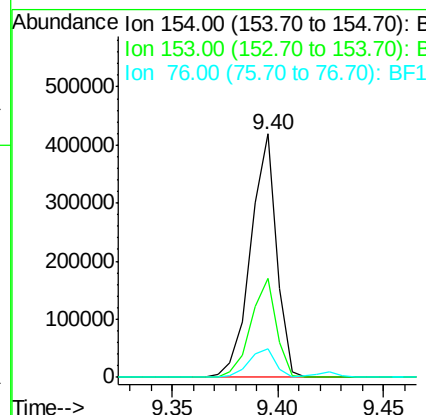
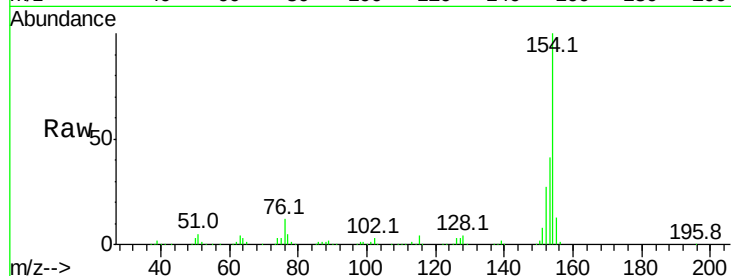
#45
 1,1'-Biphenyl
 Concen: 49.744 ng
 RT: 9.40 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF107359.D
 Acq: 13 Jul 2018 11:44

Instrument :
 BNA_F
 ClientSampled :
 EP-4-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.8	21.3	61.3	
76	11.7	0.0	34.0	

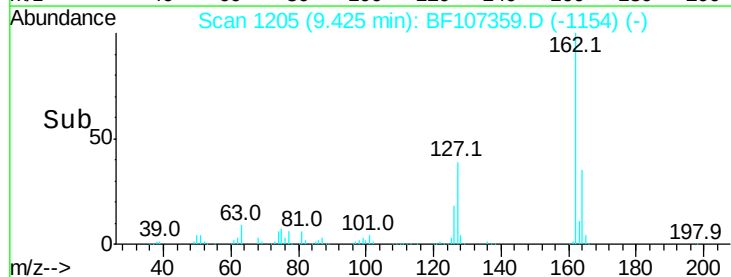
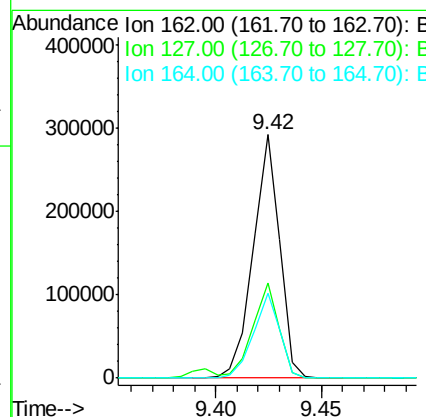
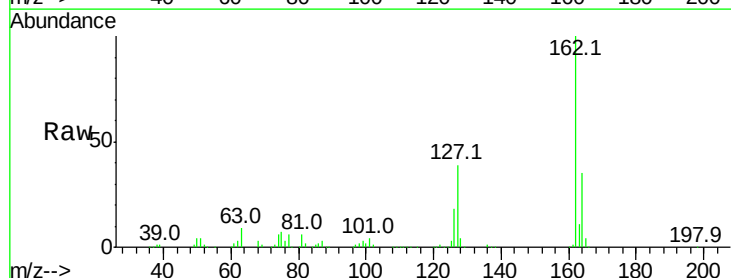
Manual Integrations
 APPROVED

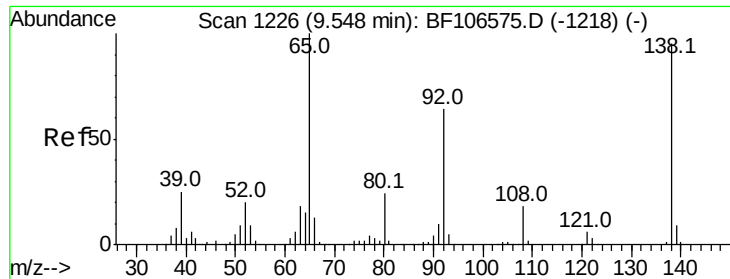
Sohil
 7/16/2018 3:22:04 PM



#46
 2-Chloronaphthalene
 Concen: 45.262 ng
 RT: 9.42 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF107359.D
 Acq: 13 Jul 2018 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.2	33.9	50.9	
164	34.8	26.5	39.7	





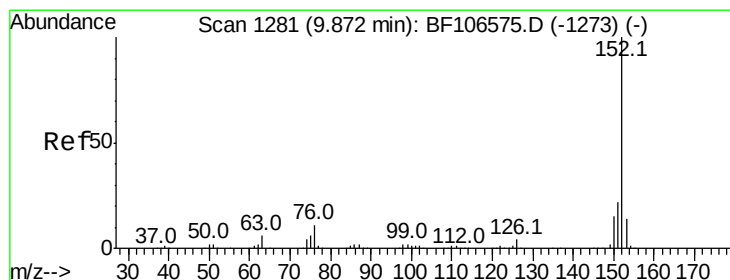
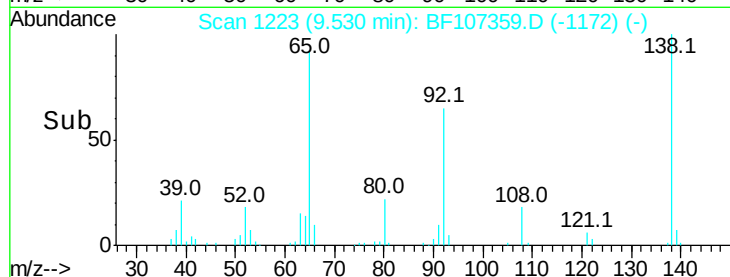
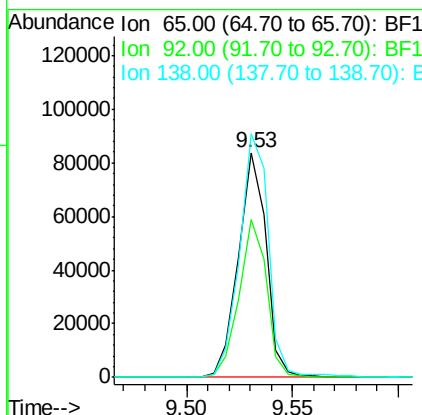
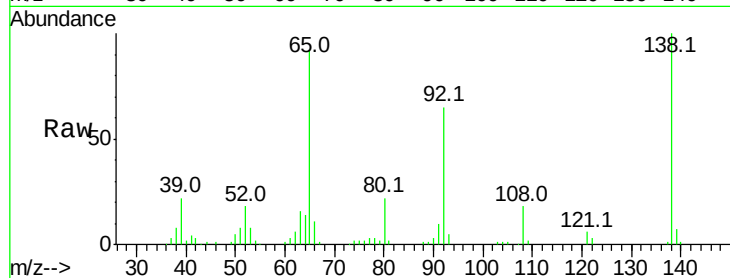
#47
2-Nitroaniline
Concen: 40.310 ng
RT: 9.53 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BF107359.D
Acq: 13 Jul 2018 11:44

Instrument :
BNA_F
ClientSampleId :
EP-4-7MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.4	55.8	83.6
138	108.2	91.2	136.8

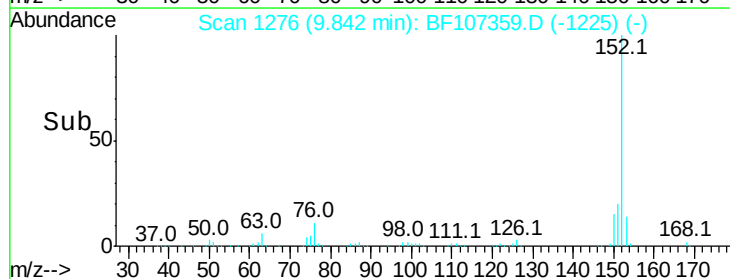
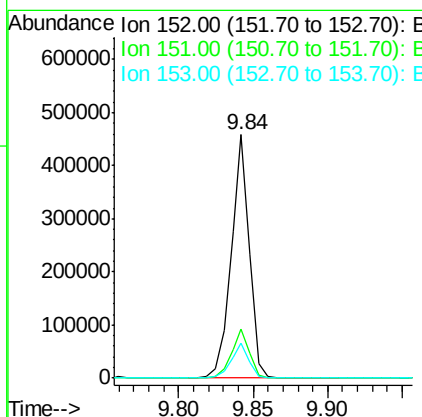
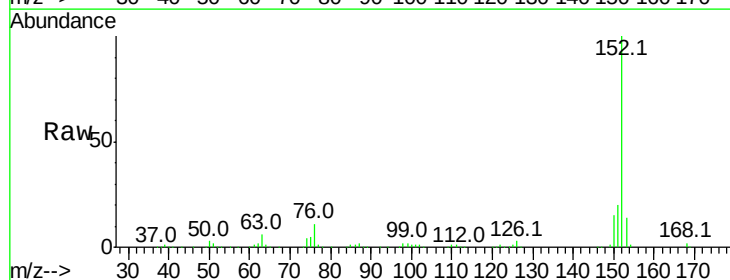
Manual Integrations
APPROVED

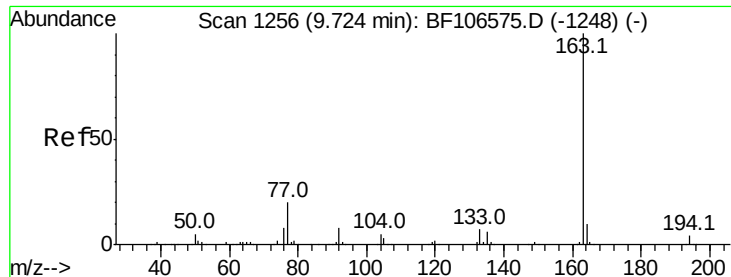
Sohil
7/16/2018 3:22:04 PM



#48
Acenaphthylene
Concen: 44.269 ng
RT: 9.84 min Scan# 1276
Delta R.T. -0.00 min
Lab File: BF107359.D
Acq: 13 Jul 2018 11:44

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5
153	14.3	10.7	16.1





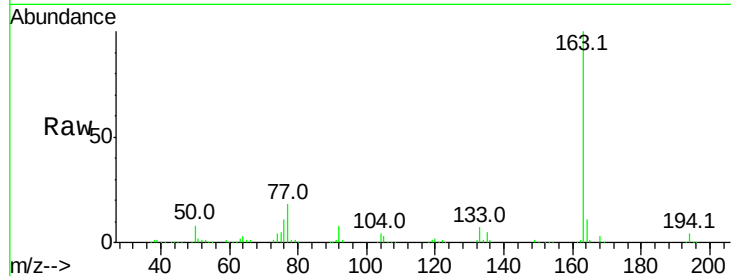
#49
Dimethylphthalate
Concen: 56.363 ng
RT: 9.70 min Scan# 1251
Delta R.T. -0.00 min
Lab File: BF107359.D
Acq: 13 Jul 2018 11:44

Instrument :
BNA_F
ClientSampleId :
EP-4-7MSD

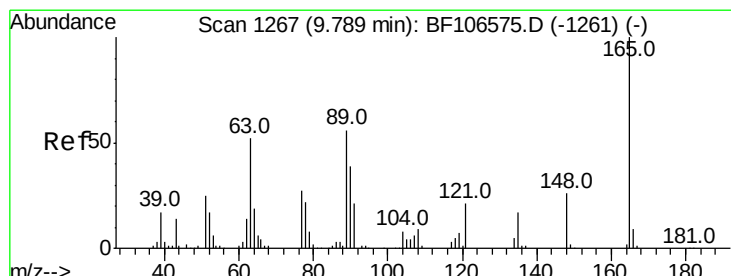
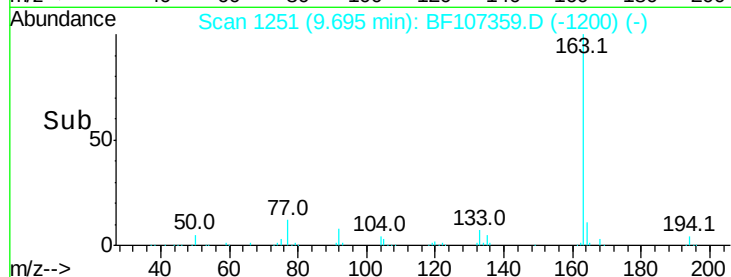
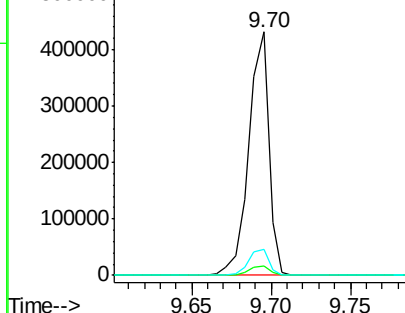
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.1	2.7	4.1	
164	10.7	8.2	12.2	

Manual Integrations
APPROVED

Sohil
7/16/2018 3:22:04 PM

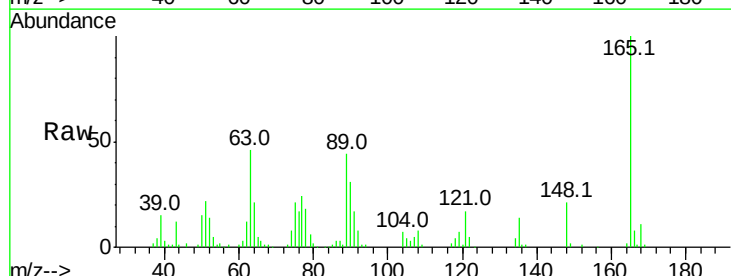


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

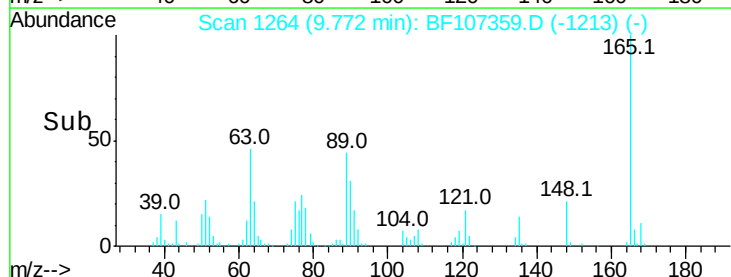
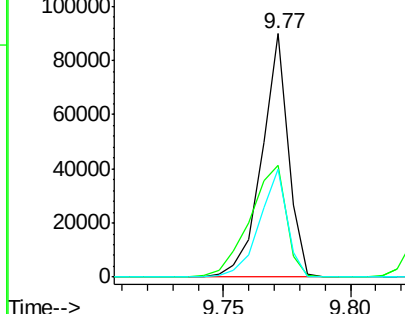


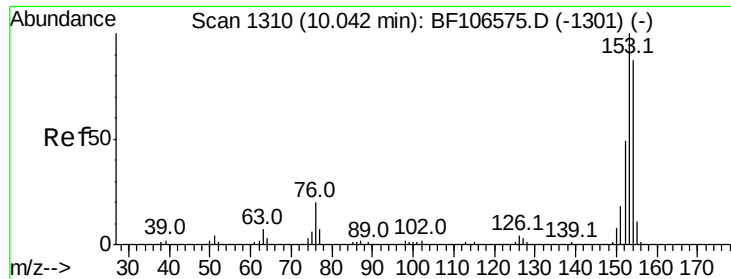
#50
2,6-Dinitrotoluene
Concen: 46.353 ng
RT: 9.77 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BF107359.D
Acq: 13 Jul 2018 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	46.1	44.7	67.1	
89	44.5	44.0	66.0	



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





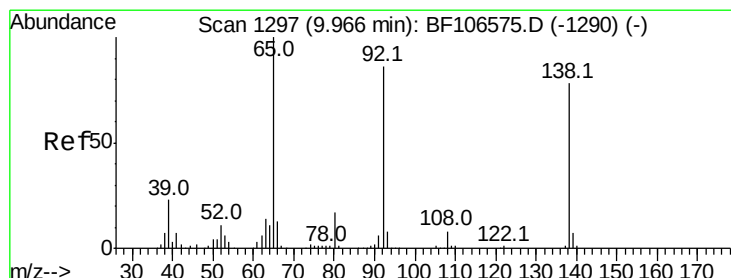
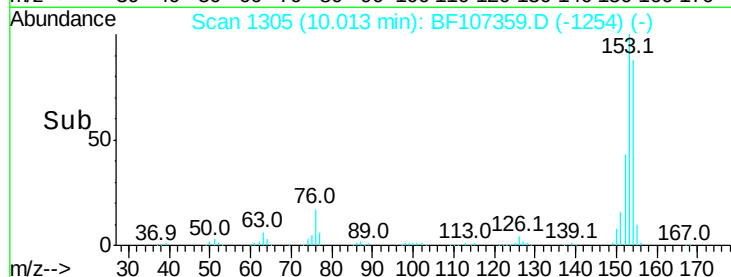
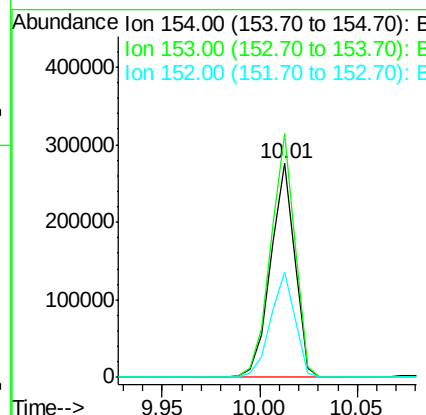
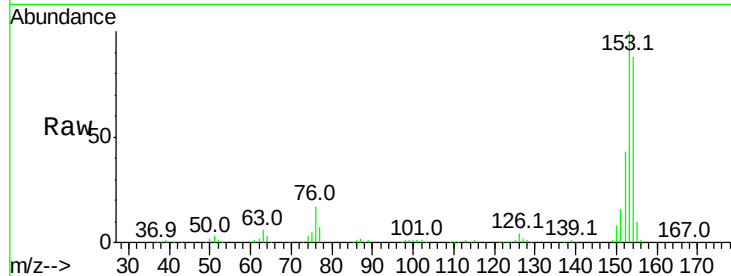
#51
Acenaphthene
Concen: 42.273 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BF107359.D
Acq: 13 Jul 2018 11:44

Instrument :
BNA_F
ClientSampleId :
EP-4-7MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.9	91.2	136.8
152	49.5	43.8	65.8

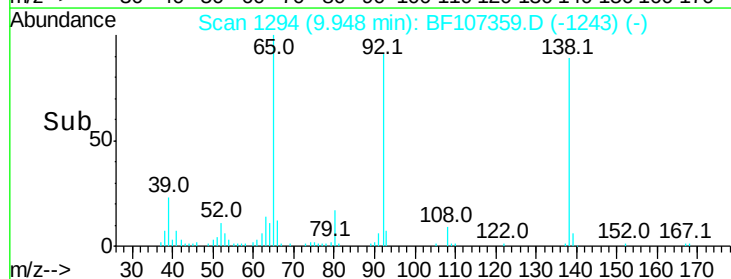
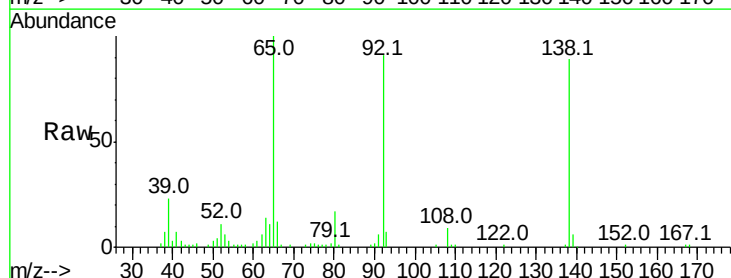
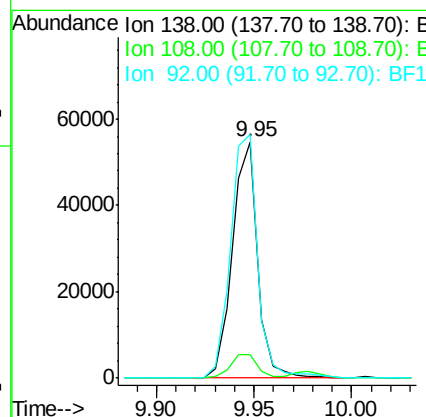
Manual Integrations
APPROVED

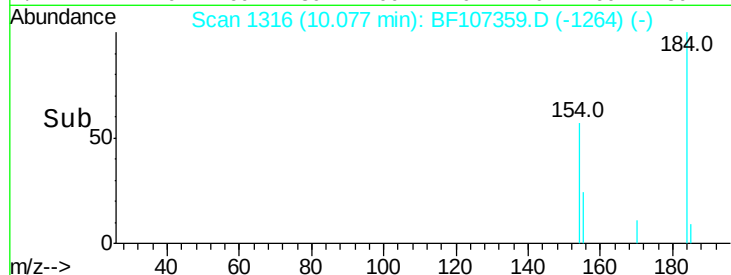
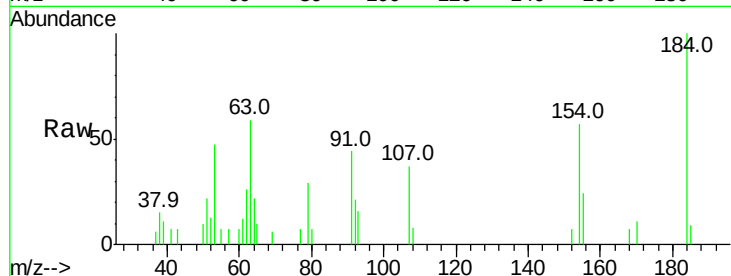
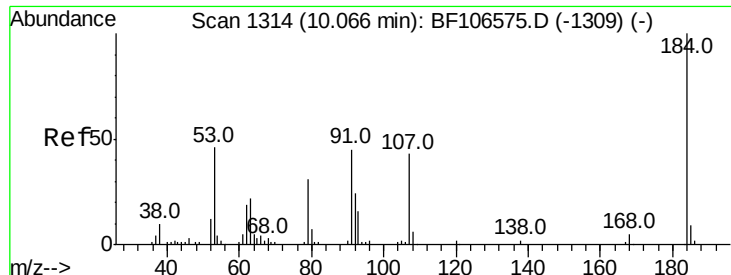
Sohil
7/16/2018 3:22:04 PM



#52
3-Nitroaniline
Concen: 29.875 ng
RT: 9.95 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BF107359.D
Acq: 13 Jul 2018 11:44

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.7	9.4	14.0
92	102.9	89.4	134.2





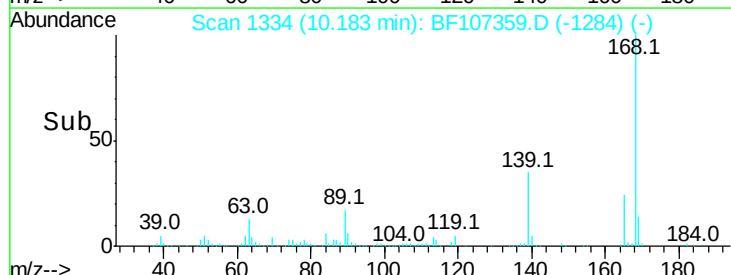
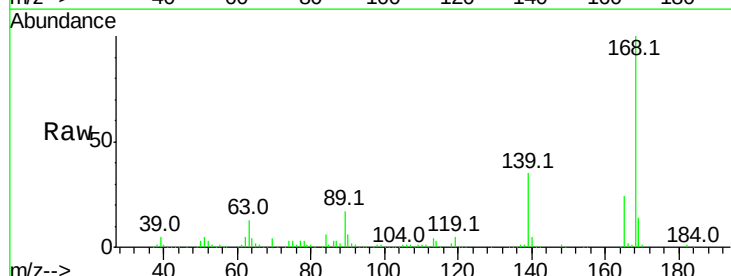
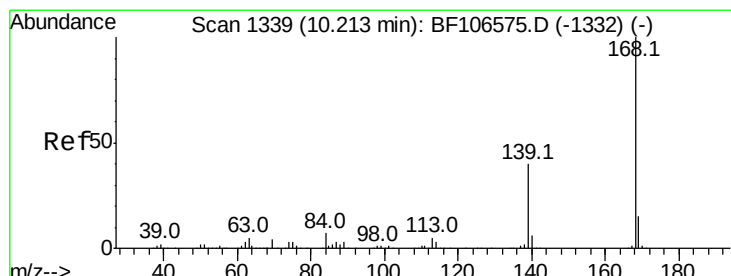
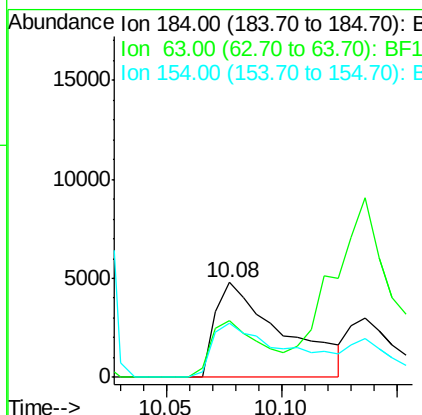
#53
2,4-Dinitrophenol
Concen: 17.525 ng
RT: 10.08 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BF107359.D
Acq: 13 Jul 2018 11:44

Tot Ion	Ratio	Lower	Upper
184	100		
63	59.4	54.2	81.2
154	57.3	184.0	276.0#

Instrument :
BNA_F
ClientSampled :
EP-4-7MSD

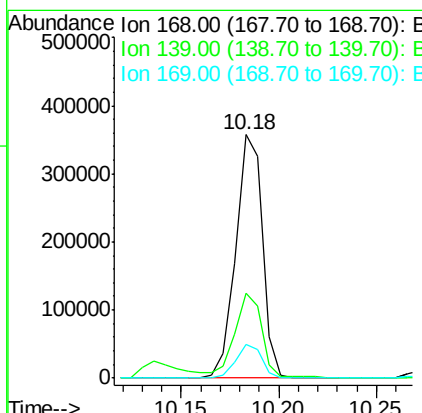
Manual Integrations
APPROVED

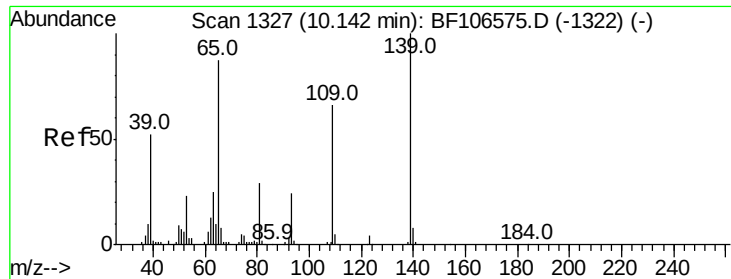
Sohil
7/16/2018 3:22:04 PM



#54
Dibenzofuran
Concen: 44.223 ng
RT: 10.18 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF107359.D
Acq: 13 Jul 2018 11:44

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.1	30.1	45.1
169	13.7	10.9	16.3





#55

4-Nitrophenol

Concen: 30.707 ng

RT: 10.14 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BF107359.D

Acq: 13 Jul 2018 11:44

Instrument :

BNA_F

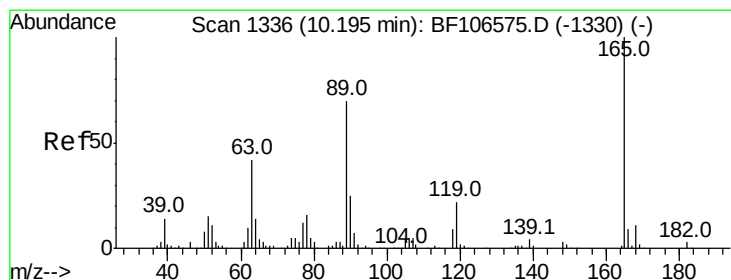
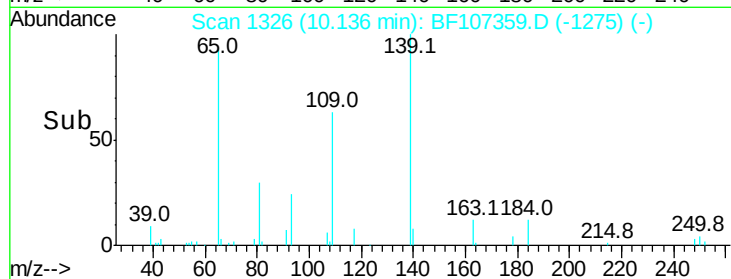
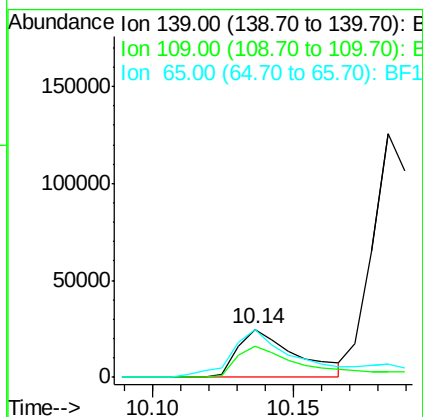
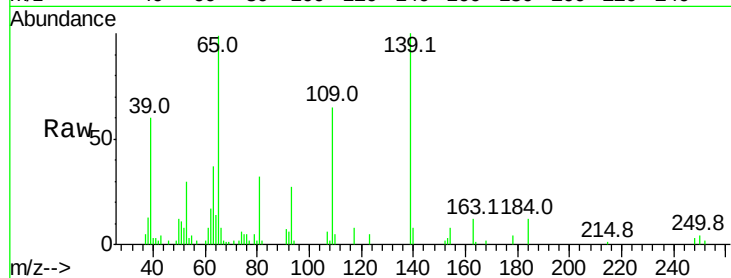
ClientSampled :

EP-4-7MSD

Tot Ion:	139	Resp:	35097
Ion Ratio	Lower	Upper	
139	100		
109	65.5	48.4	88.4
65	99.2	72.6	112.6

Manual Integrations
APPROVED

Sohil
7/16/2018 3:22:04 PM



#56

2,4-Dinitrotoluene

Concen: 40.277 ng

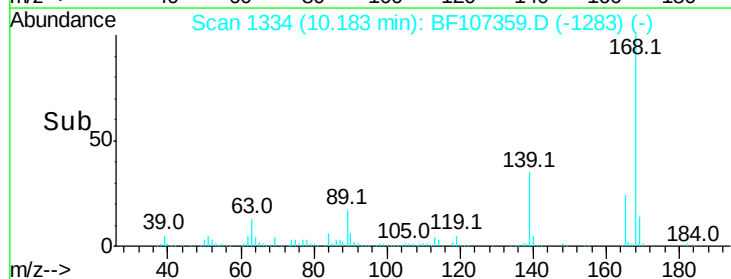
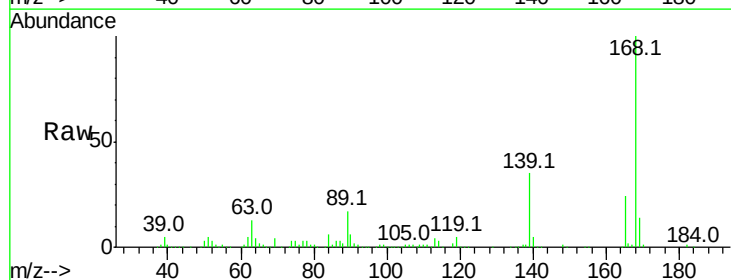
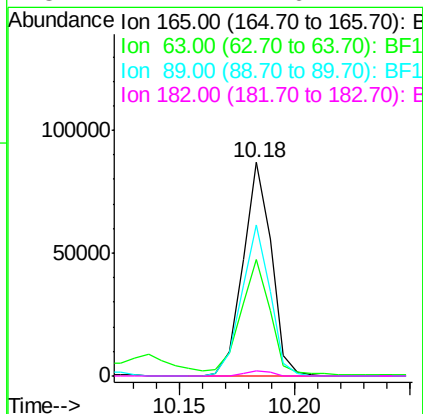
RT: 10.18 min Scan# 1334

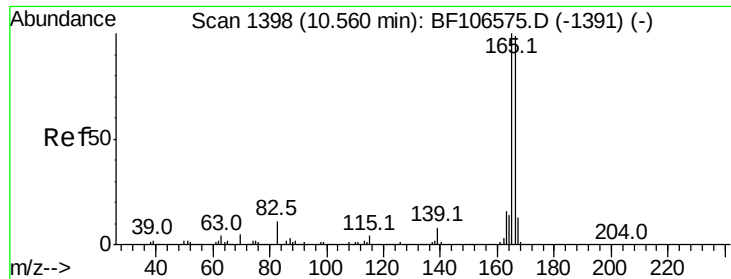
Delta R.T. -0.00 min

Lab File: BF107359.D

Acq: 13 Jul 2018 11:44

Tgt Ion:	165	Resp:	74808
Ion Ratio	Lower	Upper	
165	100		
63	54.5	36.4	54.6
89	70.8	57.8	86.6
182	2.4	1.6	2.4





#57

Fluorene

Concen: 44.831 ng

RT: 10.53 min Scan# 1393

Delta R.T. -0.00 min

Lab File: BF107359.D

Acq: 13 Jul 2018 11:44

Instrument :

BNA_F

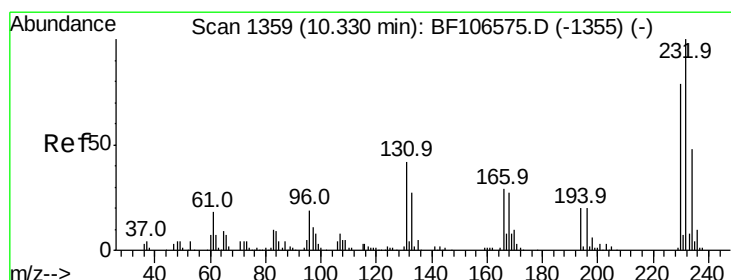
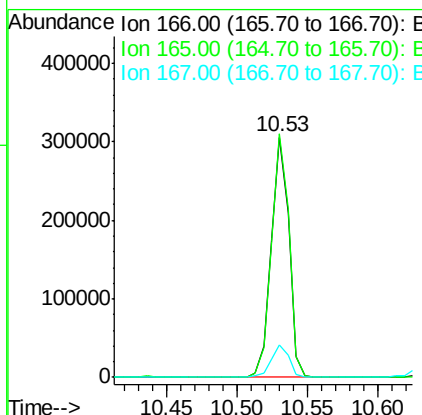
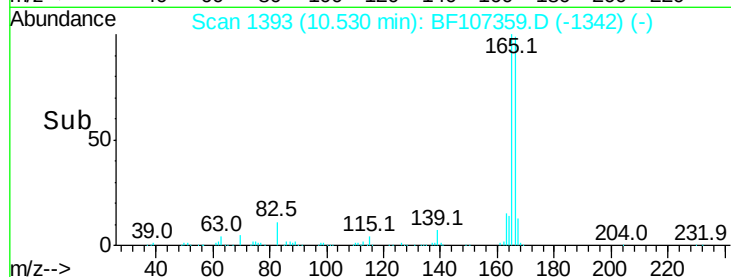
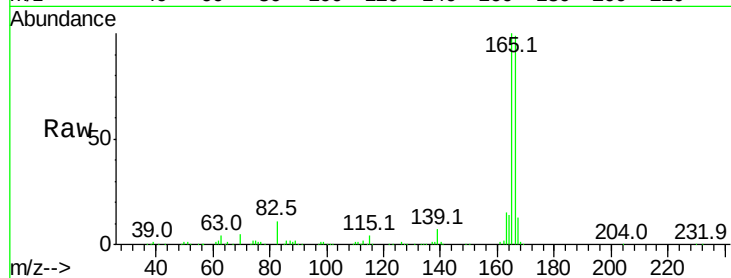
ClientSampleId :

EP-4-7MSD

Tot Ion:	166	Resp:	272203
Ion Ratio	Lower	Upper	
166	100		
165	101.3	79.8	119.8
167	13.5	10.6	16.0

Manual Integrations
APPROVED

Sohil
7/16/2018 3:22:04 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 35.256 ng

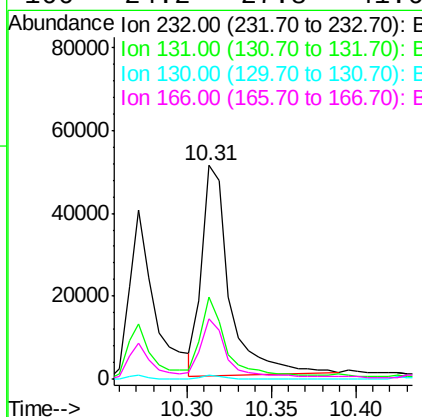
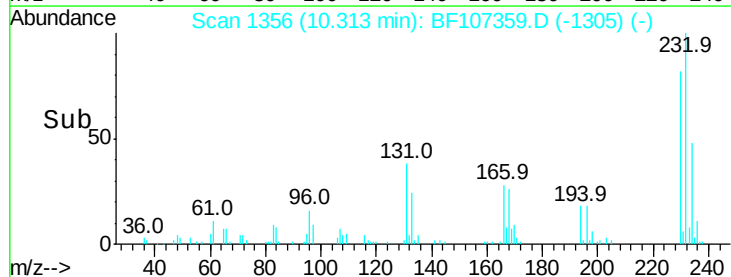
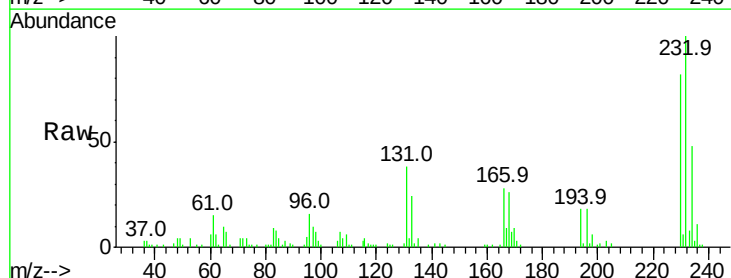
RT: 10.31 min Scan# 1356

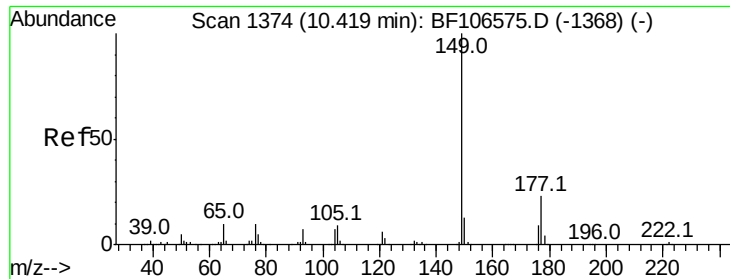
Delta R.T. -0.00 min

Lab File: BF107359.D

Acq: 13 Jul 2018 11:44

Tgt Ion:	232	Resp:	58654
Ion Ratio	Lower	Upper	
232	100		
131	36.9	43.8	65.8#
130	1.4	2.1	3.1#
166	24.2	27.8	41.6#





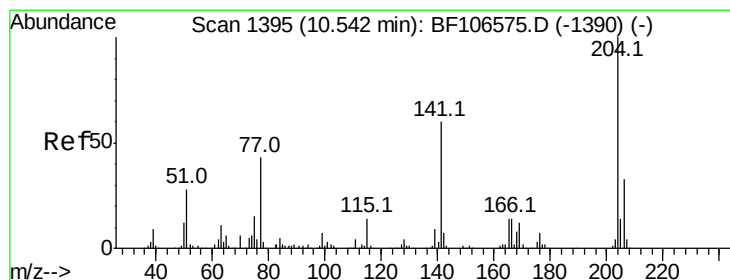
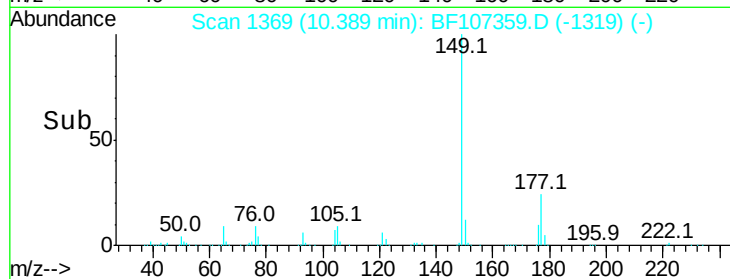
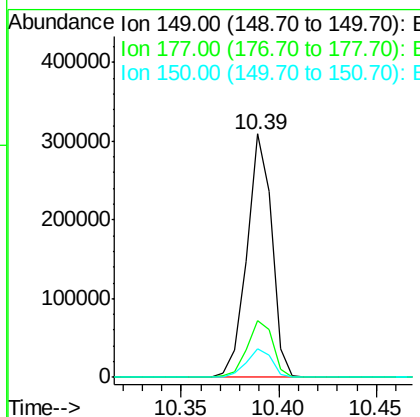
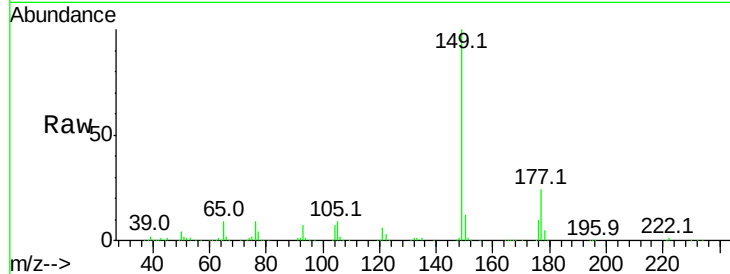
#59
Diethylphthalate
Concen: 42.058 ng
RT: 10.39 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BF107359.D
Acq: 13 Jul 2018 11:44

Instrument :
BNA_F
ClientSampleId :
EP-4-7MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.6	16.1	24.1
150	11.9	10.1	15.1

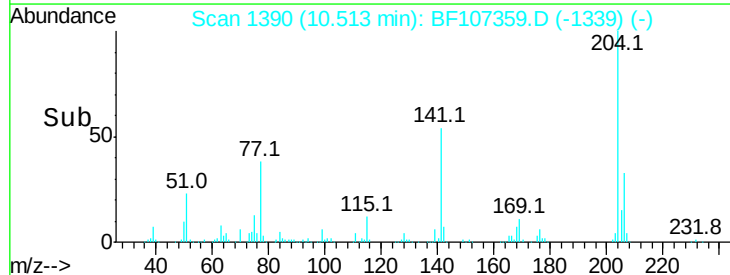
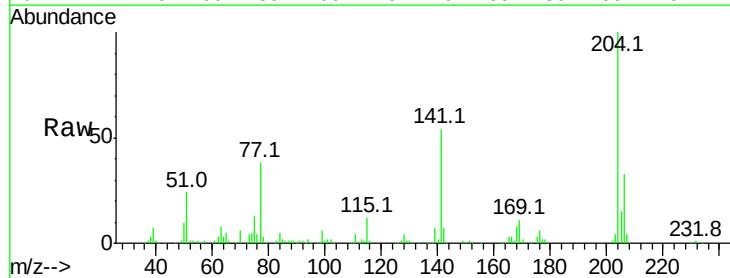
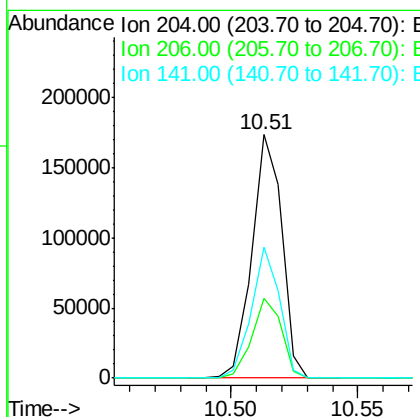
Manual Integrations
APPROVED

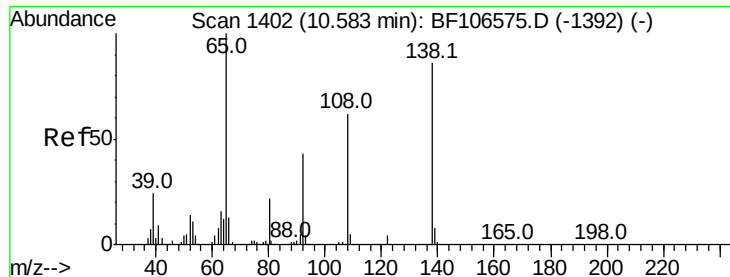
Sohil
7/16/2018 3:22:04 PM



#60
4-Chlorophenyl-phenylether
Concen: 44.978 ng
RT: 10.51 min Scan# 1390
Delta R.T. -0.00 min
Lab File: BF107359.D
Acq: 13 Jul 2018 11:44

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.5	39.7
141	53.7	54.6	81.8#





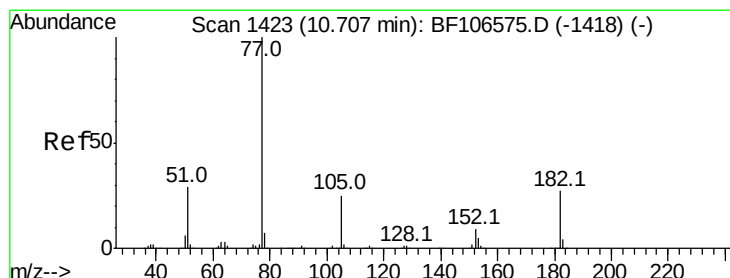
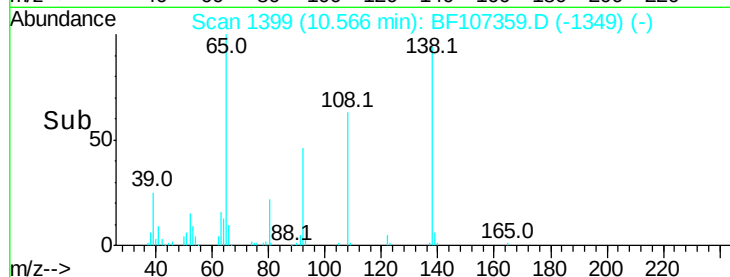
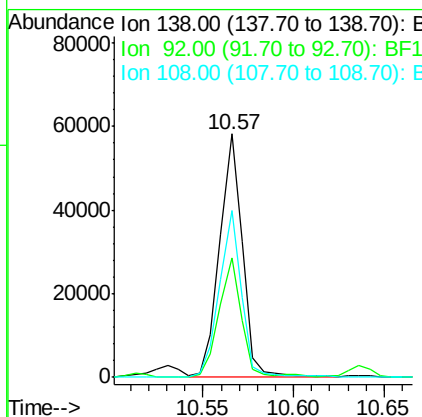
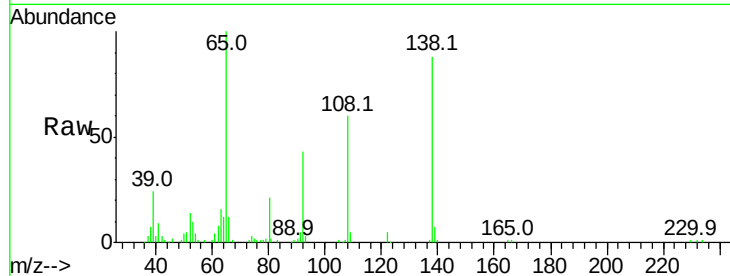
#61
4-Nitroaniline
Concen: 31.639 ng
RT: 10.57 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF107359.D
Acq: 13 Jul 2018 11:44

Instrument :
BNA_F
ClientSampleId :
EP-4-7MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.0	30.2	70.2
108	68.4	52.5	92.5

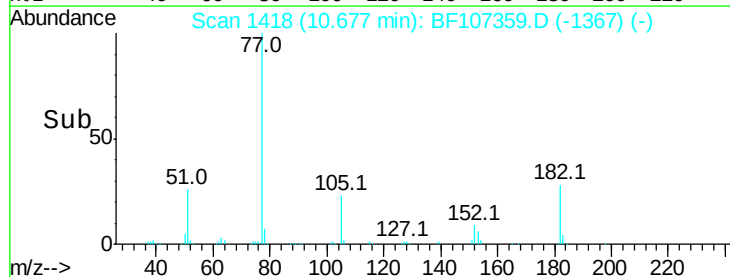
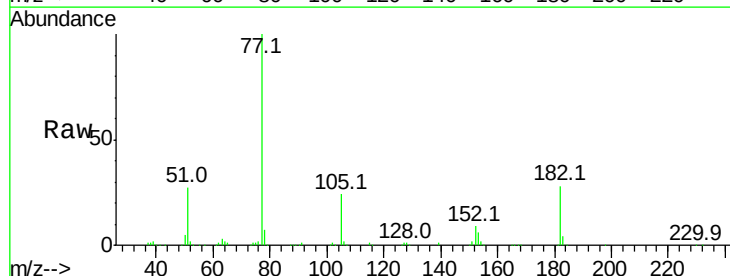
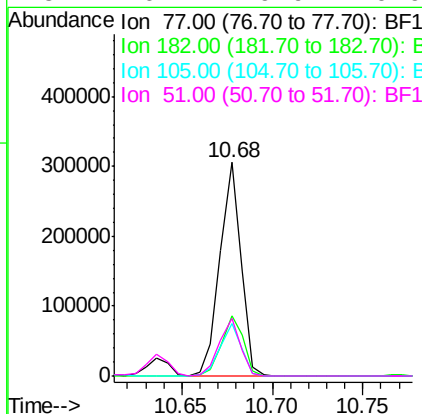
Manual Integrations
APPROVED

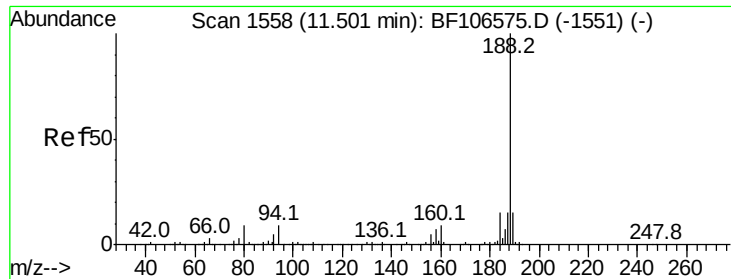
Sohil
7/16/2018 3:22:04 PM



#62
Azobenzene
Concen: 38.996 ng
RT: 10.68 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF107359.D
Acq: 13 Jul 2018 11:44

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.1	1.7	41.7
105	24.4	3.0	43.0
51	26.7	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1554

Delta R.T. -0.00 min

Lab File: BF107359.D

Acq: 13 Jul 2018 11:44

Instrument :

BNA_F

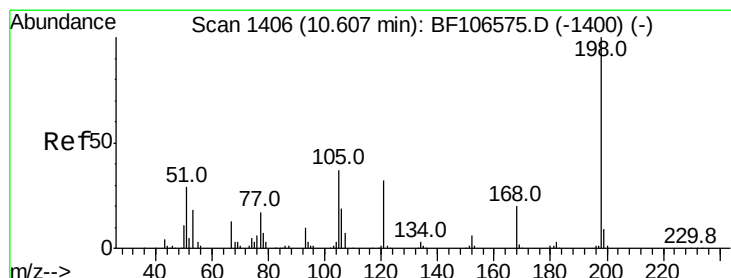
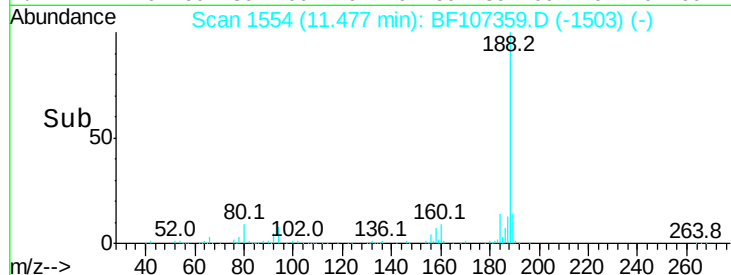
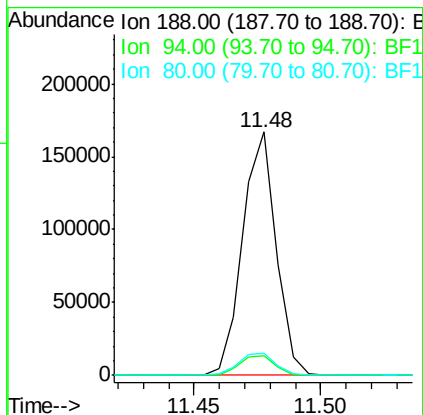
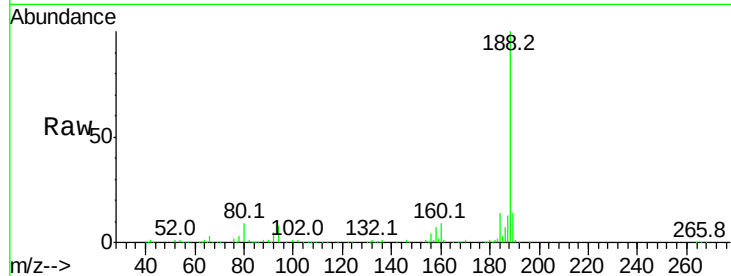
ClientSampled :

EP-4-7MSD

Tot Ion:	188	Resp:	152974
Ion Ratio	Lower	Upper	
188	100		
94	8.3	8.5	12.7#
80	9.0	9.2	13.8#

Manual Integrations
APPROVED

Sohil
7/16/2018 3:22:04 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 17.947 ng

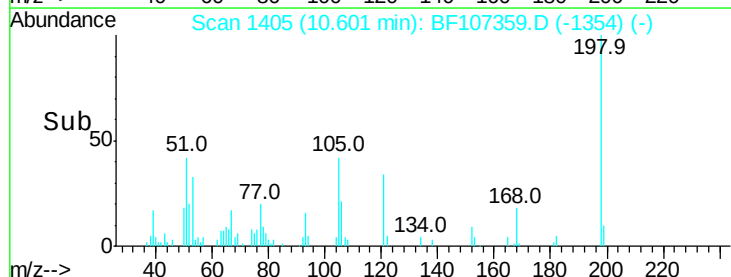
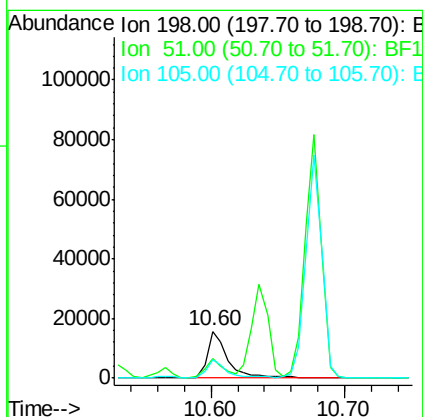
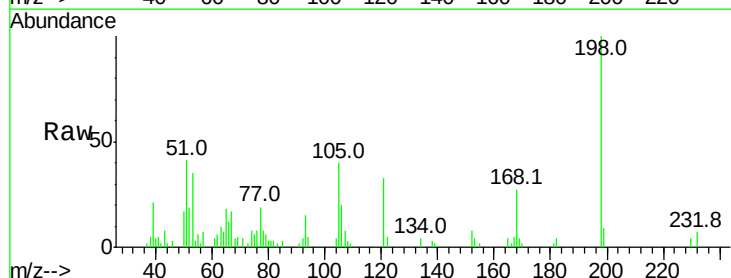
RT: 10.60 min Scan# 1405

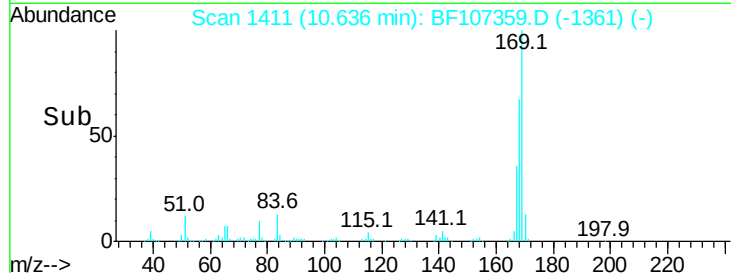
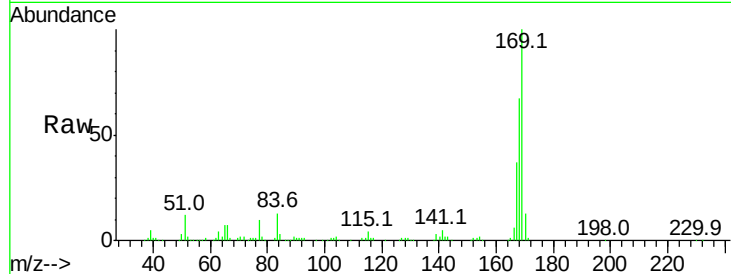
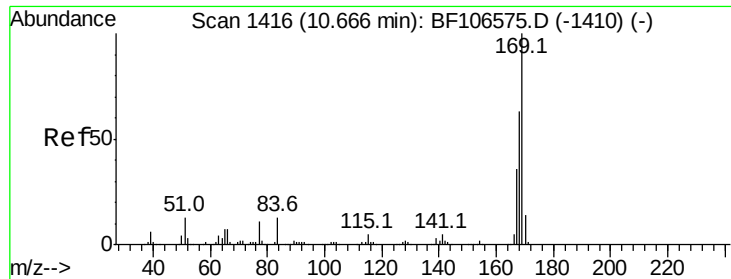
Delta R.T. -0.00 min

Lab File: BF107359.D

Acq: 13 Jul 2018 11:44

Tgt Ion:	198	Resp:	16971
Ion Ratio	Lower	Upper	
198	100		
51	40.6	37.7	77.7
105	40.4	36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 45.124 ng

RT: 10.64 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF107359.D

Acq: 13 Jul 2018 11:44

Instrument :

BNA_F

ClientSampleId :

EP-4-7MSD

Tot Ion:169 Resp: 232176

Ion Ratio Lower Upper

169 100

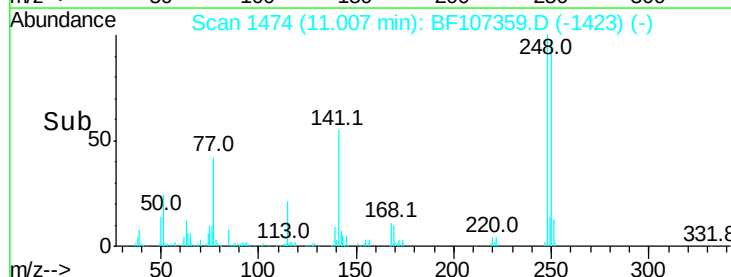
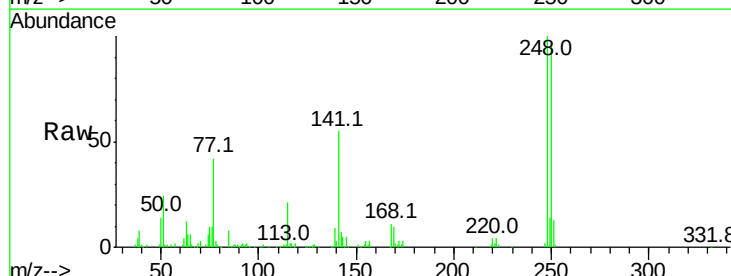
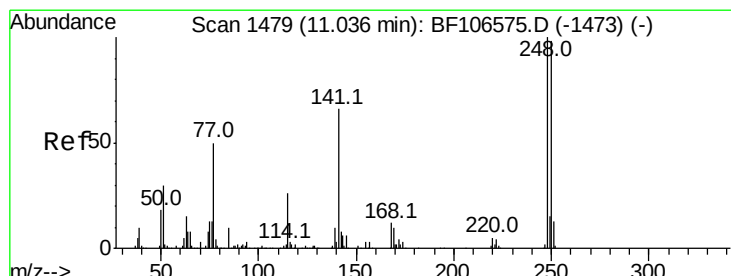
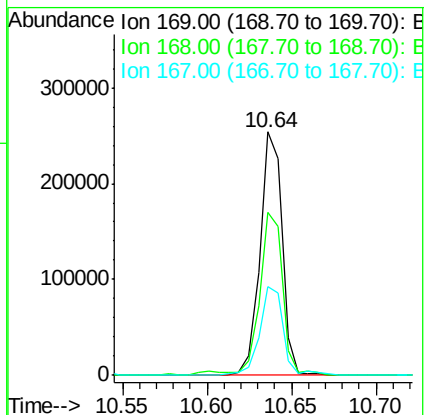
168 67.0 54.4 81.6

167 36.6 29.8 44.6

Manual Integrations
APPROVED

Sohil

7/16/2018 3:22:04 PM



#66

4-Bromophenyl-phenylether

Concen: 50.190 ng

RT: 11.01 min Scan# 1474

Delta R.T. -0.00 min

Lab File: BF107359.D

Acq: 13 Jul 2018 11:44

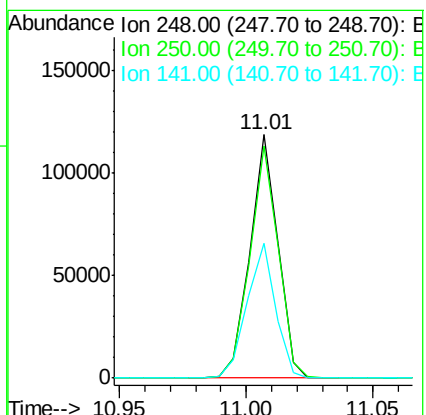
Tgt Ion:248 Resp: 91630

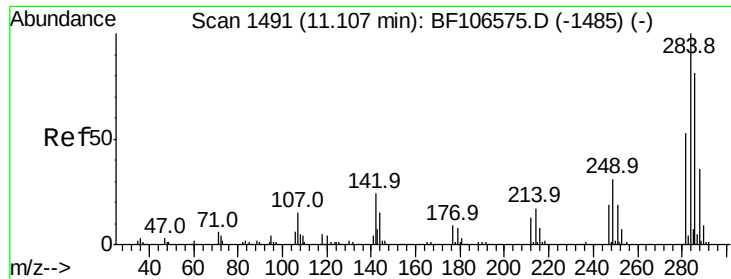
Ion Ratio Lower Upper

248 100

250 95.1 76.9 115.3

141 55.4 74.4 111.6#





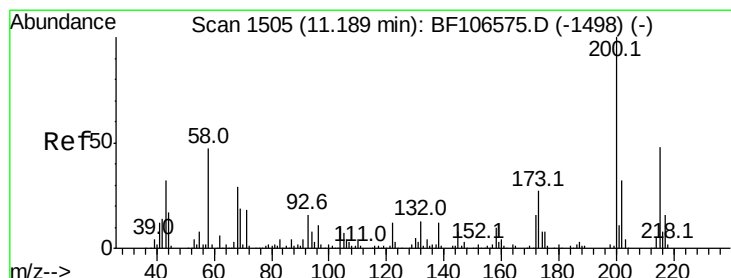
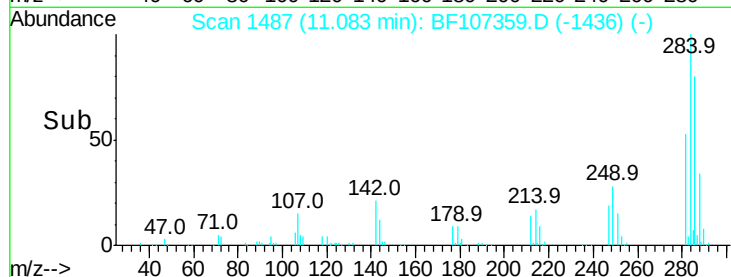
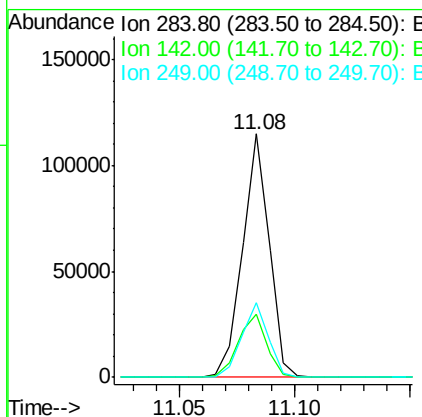
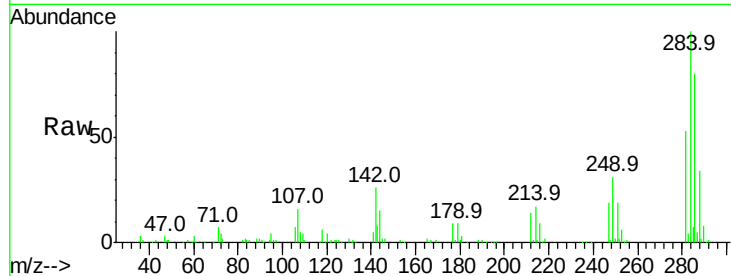
#67
Hexachlorobenzene
Concen: 48.617 ng
RT: 11.08 min Scan# 1487
Delta R.T. -0.00 min
Lab File: BF107359.D
Acq: 13 Jul 2018 11:44

Instrument :
BNA_F
ClientSampleId :
EP-4-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	26.0	34.6	52.0	
249	30.8	24.8	37.2	

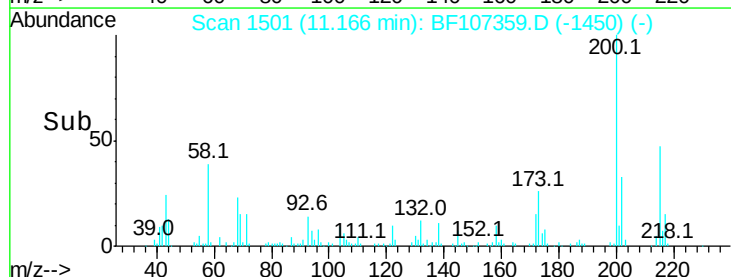
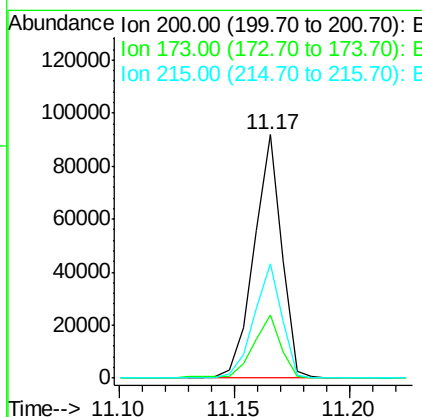
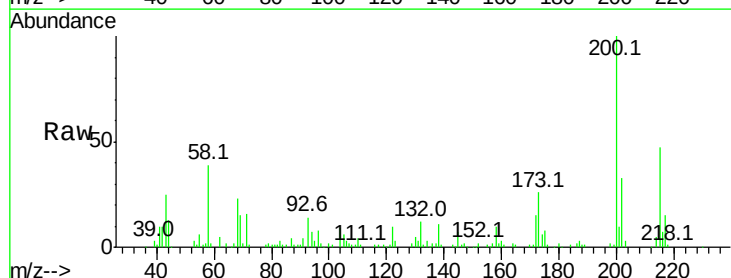
Manual Integrations
APPROVED

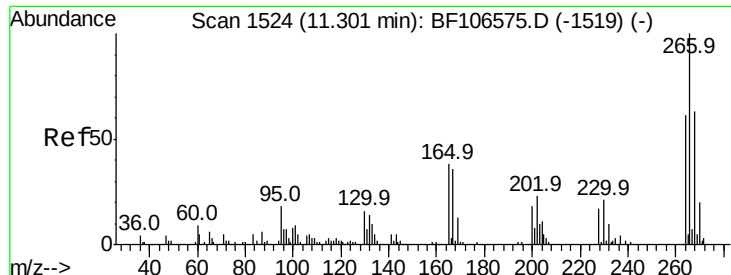
Sohil
7/16/2018 3:22:04 PM



#68
Atrazine
Concen: 46.892 ng
RT: 11.17 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BF107359.D
Acq: 13 Jul 2018 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	25.8	8.6	48.6	
215	47.2	25.1	65.1	





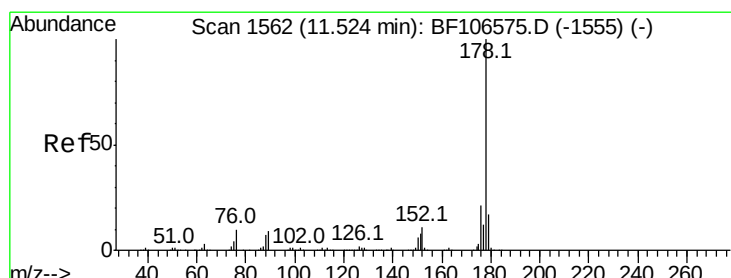
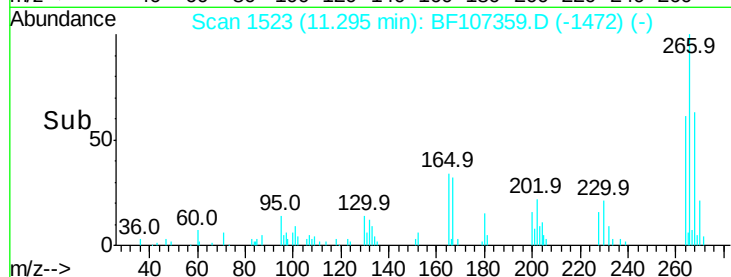
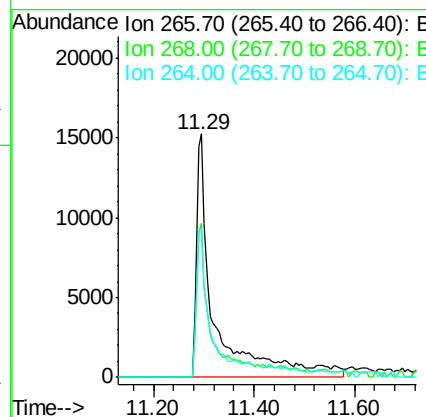
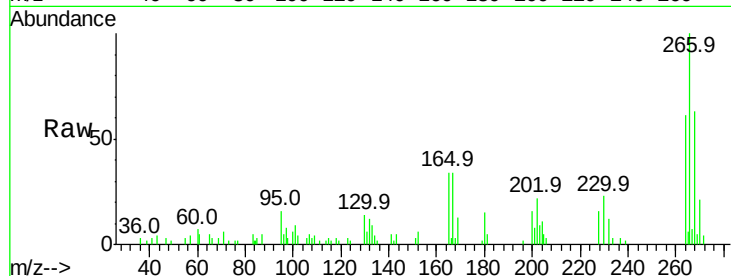
#69
 Pentachlorophenol
 Concen: 39.507 ng/mL
 RT: 11.29 min Scan# 1523
 Delta R.T. -0.00 min
 Lab File: BF107359.D
 Acq: 13 Jul 2018 11:44

Instrument :
 BNA_F
 ClientSampleID :
 EP-4-7MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.0	51.1	76.7
264	61.3	49.5	74.3

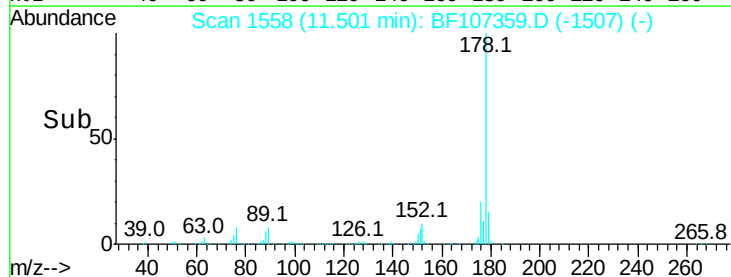
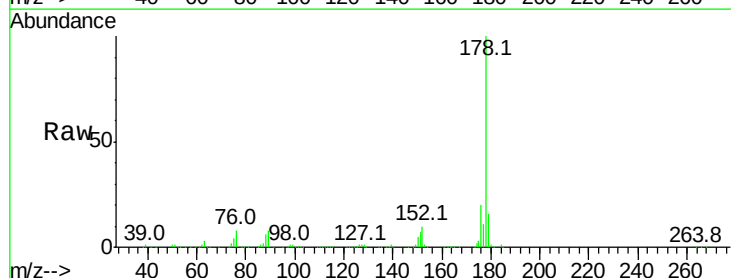
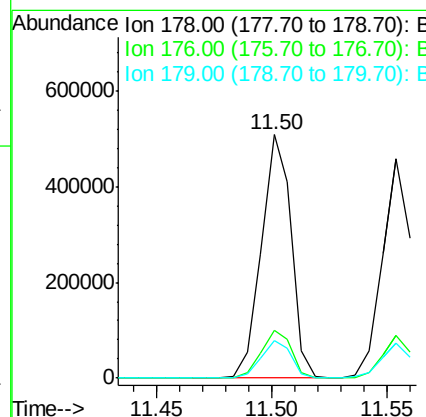
Manual Integrations
 APPROVED

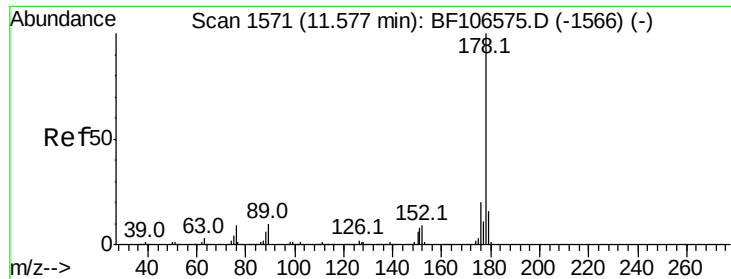
Sohil
 7/16/2018 3:22:04 PM



#70
 Phenanthrene
 Concen: 62.190 ng/mL
 RT: 11.50 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: BF107359.D
 Acq: 13 Jul 2018 11:44

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





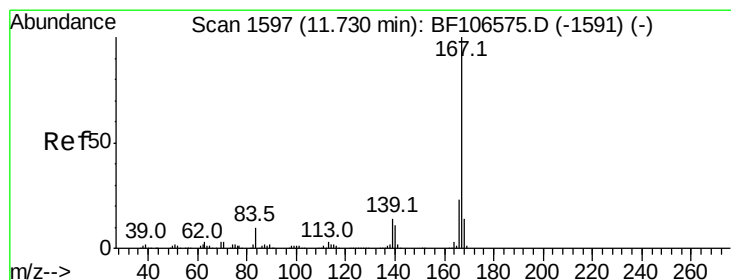
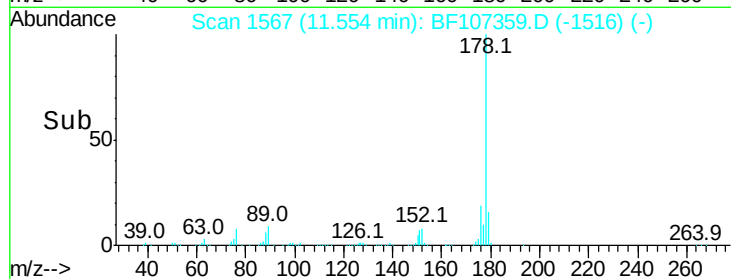
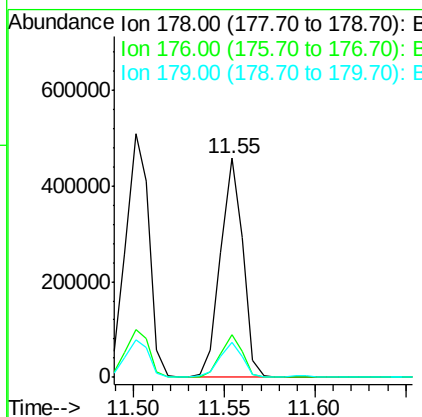
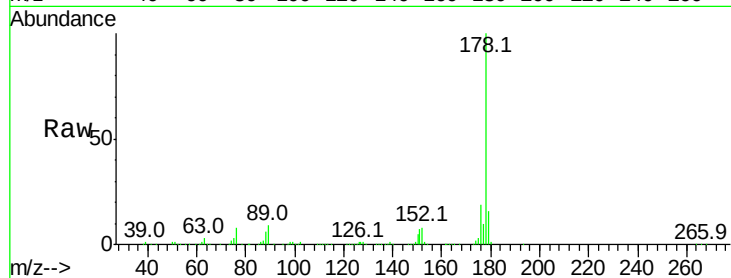
#71
 Anthracene
 Concen: 52.328 ng
 RT: 11.55 min Scan# 1567
 Delta R.T. -0.00 min
 Lab File: BF107359.D
 Acq: 13 Jul 2018 11:44

Instrument :
 BNA_F
 ClientSampleId :
 EP-4-7MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.7	12.6	19.0

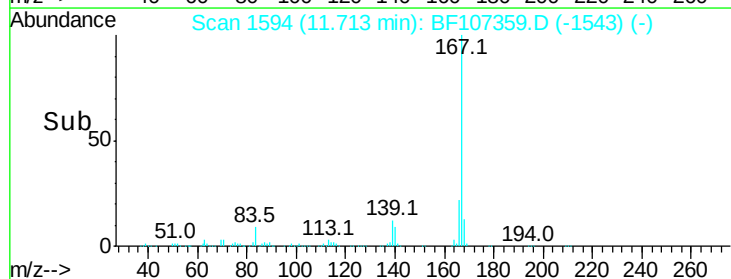
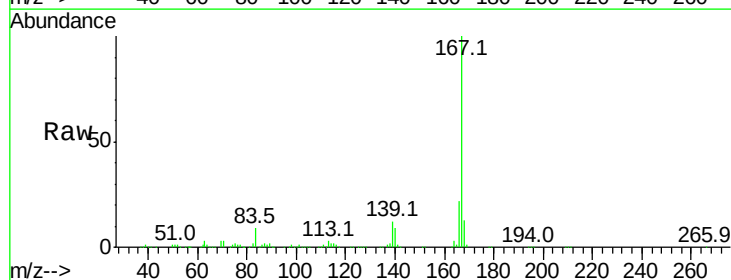
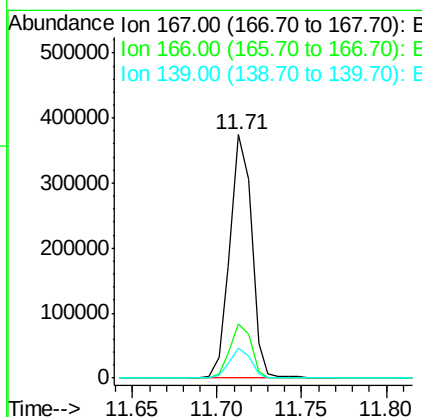
Manual Integrations
 APPROVED

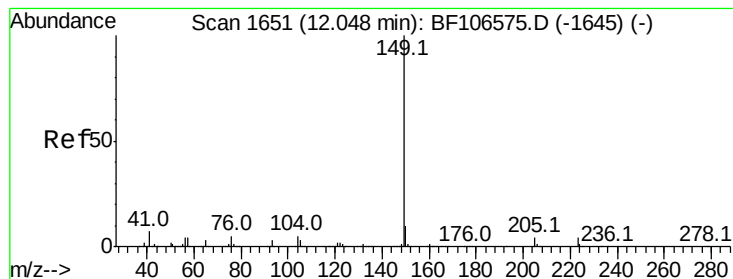
Sohil
 7/16/2018 3:22:04 PM



#72
 Carbazole
 Concen: 47.964 ng
 RT: 11.71 min Scan# 1594
 Delta R.T. -0.00 min
 Lab File: BF107359.D
 Acq: 13 Jul 2018 11:44

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.6	26.4
139	12.2	10.9	16.3





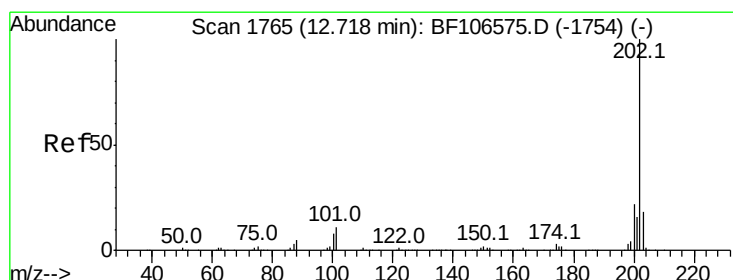
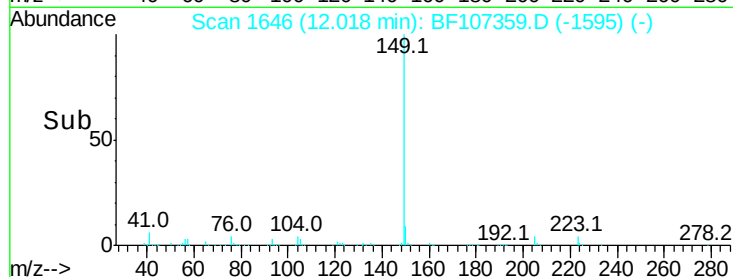
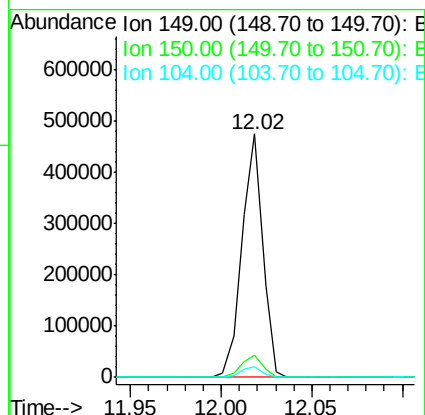
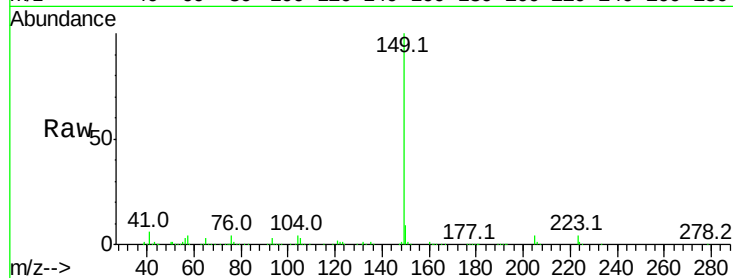
#73
Di-n-butylphthalate
Concen: 45.648 ng
RT: 12.02 min Scan# 1646
Delta R.T. -0.00 min
Lab File: BF107359.D
Acq: 13 Jul 2018 11:44

Instrument :
BNA_F
ClientSampleId :
EP-4-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.2	7.8	11.6	
104	4.3	3.8	5.8	

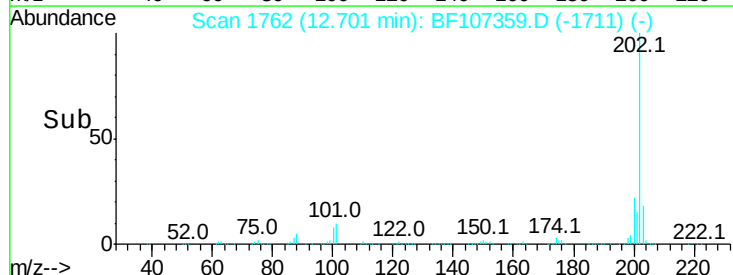
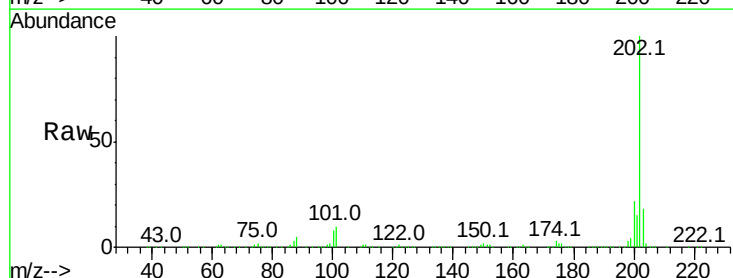
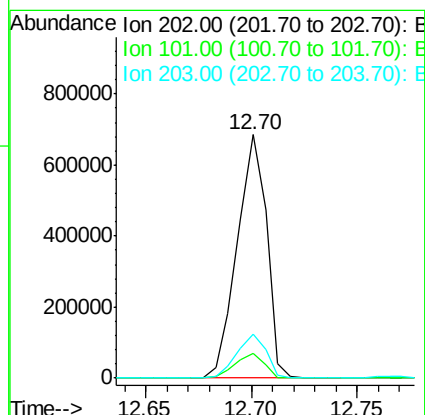
Manual Integrations
APPROVED

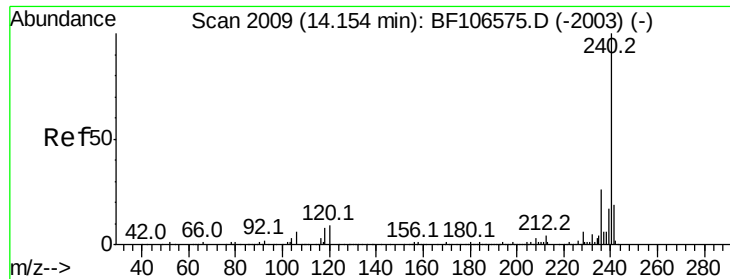
Sohil
7/16/2018 3:22:04 PM



#74
Fluoranthene
Concen: 81.052 ng
RT: 12.70 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BF107359.D
Acq: 13 Jul 2018 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	10.4	0.0	34.1	
203	18.2	0.0	38.1	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. 0.01 min

Lab File: BF107359.D

Acq: 13 Jul 2018 11:44

Instrument :

BNA_F

ClientSampleId :

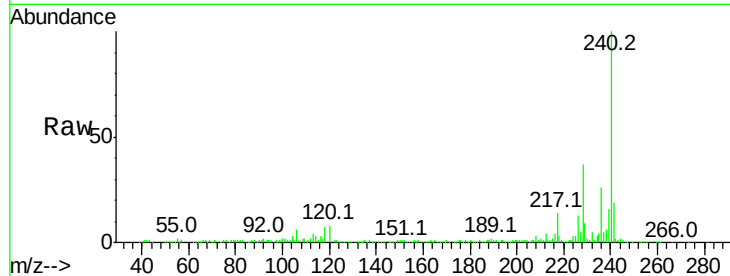
EP-4-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	8.2	9.5	14.3	
236	26.0	20.7	31.1	

Manual Integrations
APPROVED

Sohil

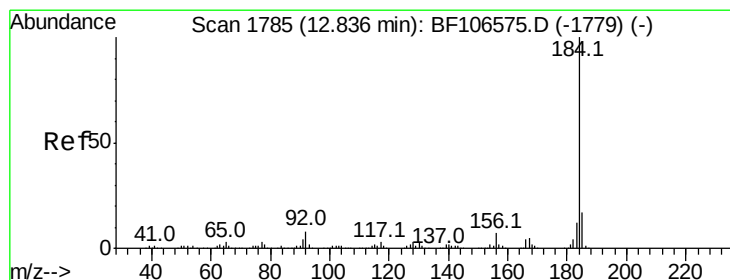
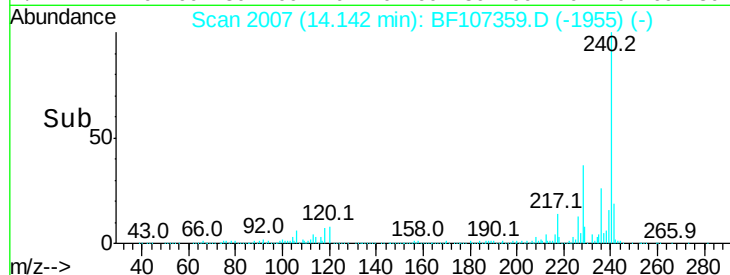
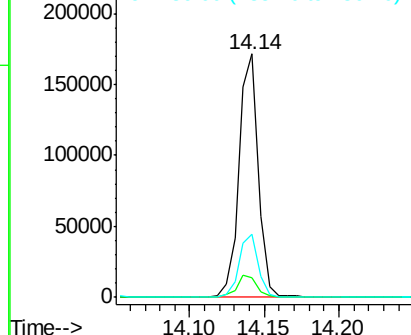
7/16/2018 3:22:04 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 24.084 ng

RT: 12.82 min Scan# 1782

Delta R.T. -0.00 min

Lab File: BF107359.D

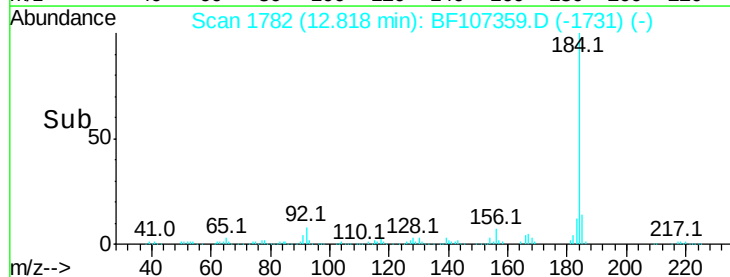
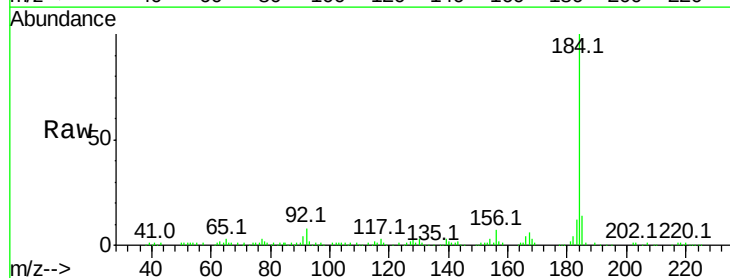
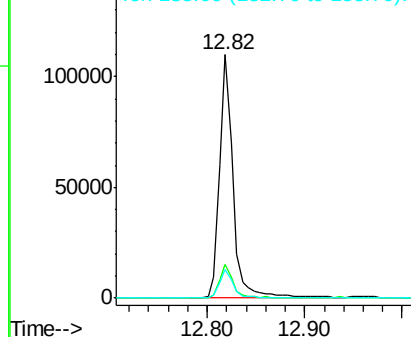
Acq: 13 Jul 2018 11:44

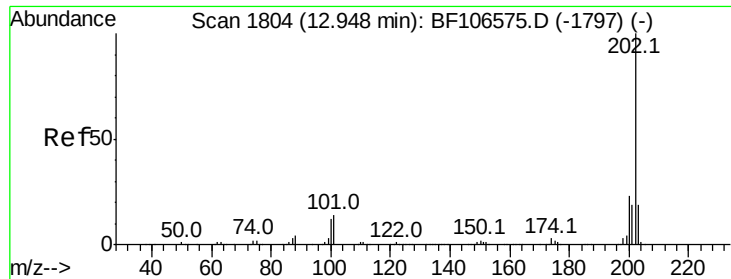
Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	13.9	12.6	18.8	
183	11.8	9.3	13.9	

Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 67.516 ng

RT: 12.94 min Scan# 1802

Delta R.T. 0.01 min

Lab File: BF107359.D

Acq: 13 Jul 2018 11:44

Instrument :

BNA_F

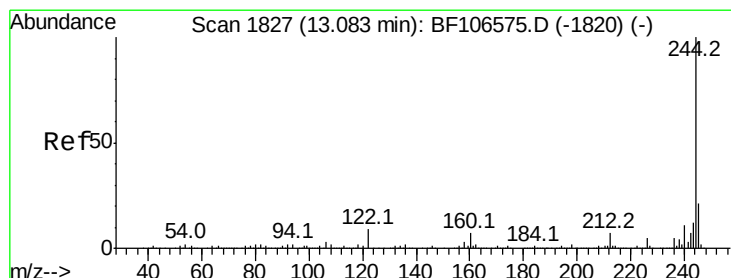
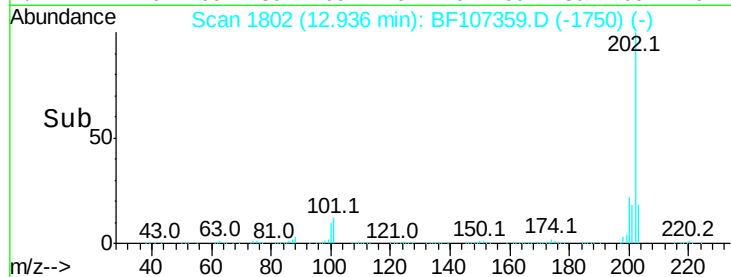
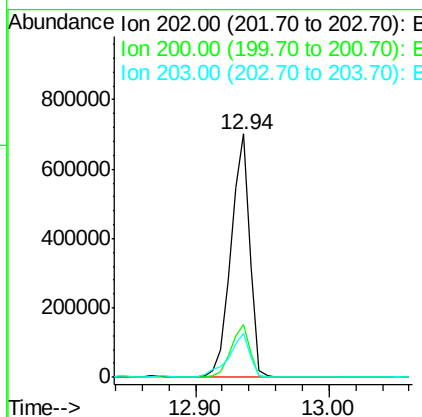
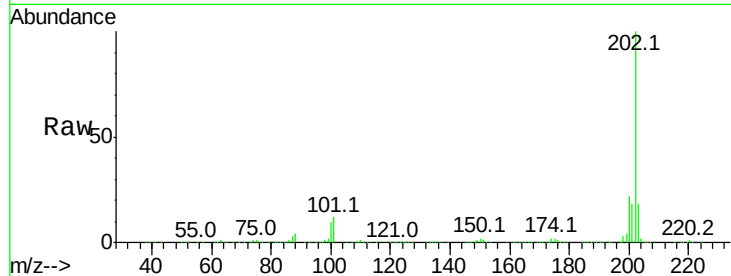
ClientSampleId :

EP-4-7MSD

Tot Ion:	202	Resp:	694669
Ion Ratio	Lower	Upper	
202	100		
200	22.0	17.4	26.2
203	17.9	14.3	21.5

Manual Integrations
APPROVED

Sohil
7/16/2018 3:22:04 PM



#78

Terphenyl-d14

Concen: 94.114 ng

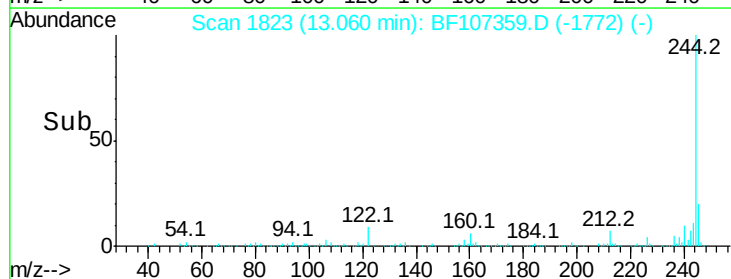
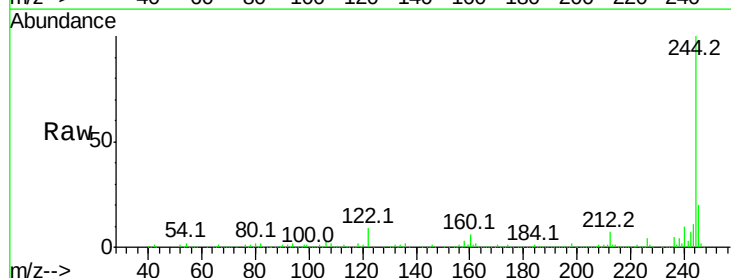
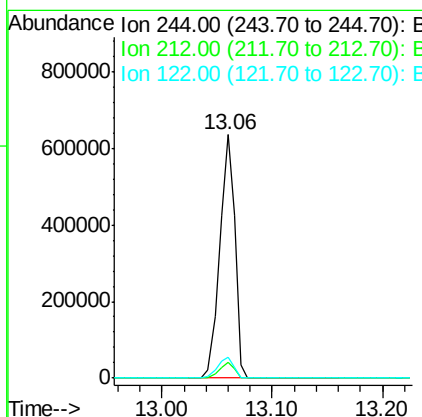
RT: 13.06 min Scan# 1823

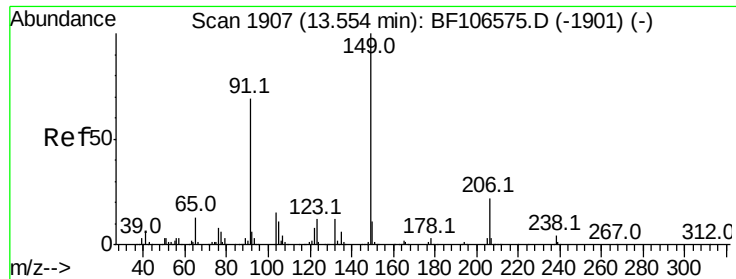
Delta R.T. -0.00 min

Lab File: BF107359.D

Acq: 13 Jul 2018 11:44

Tgt Ion:	244	Resp:	606221
Ion Ratio	Lower	Upper	
244	100		
212	6.7	5.4	8.0
122	8.7	11.0	16.4#





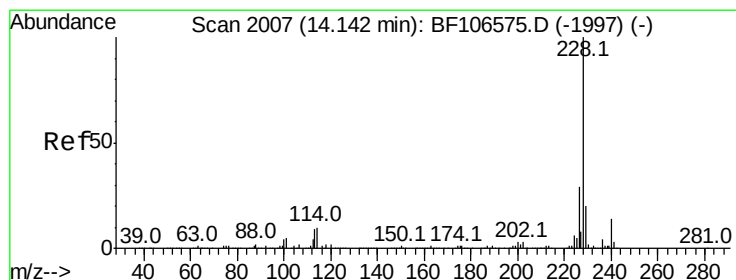
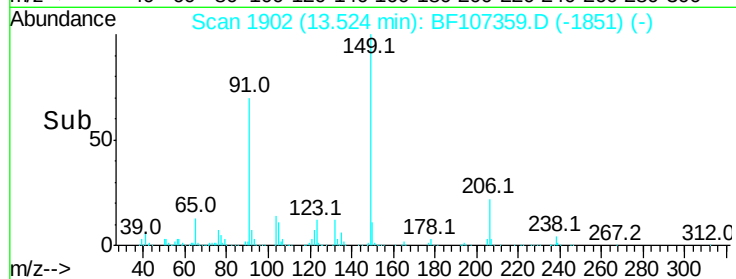
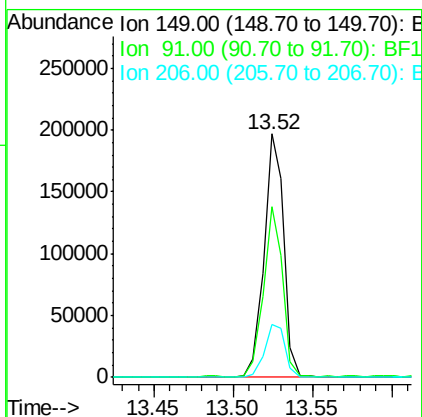
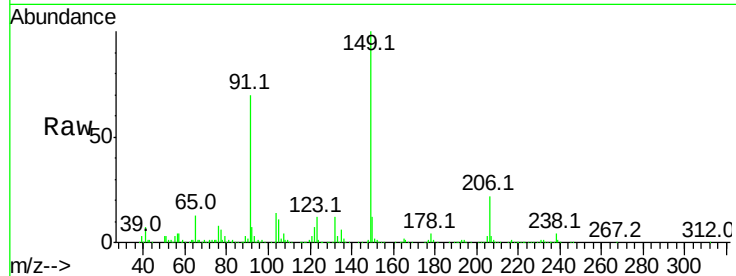
#79
Butylbenzylphthalate
Concen: 40.166 ng
RT: 13.52 min Scan# 1902
Delta R.T. -0.00 min
Lab File: BF107359.D
Acq: 13 Jul 2018 11:44

Instrument :
BNA_F
ClientSampled :
EP-4-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	169915		
91	70.2	56.8	85.2	
206	21.7	14.1	21.1	

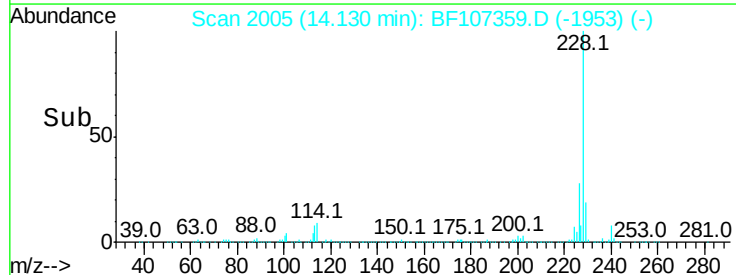
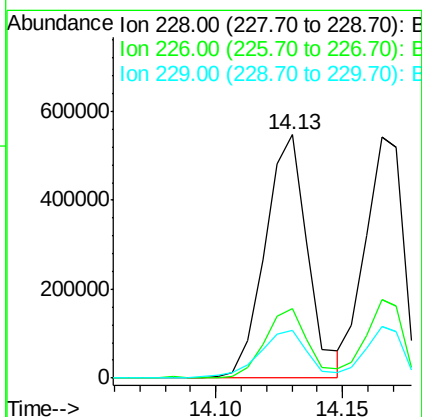
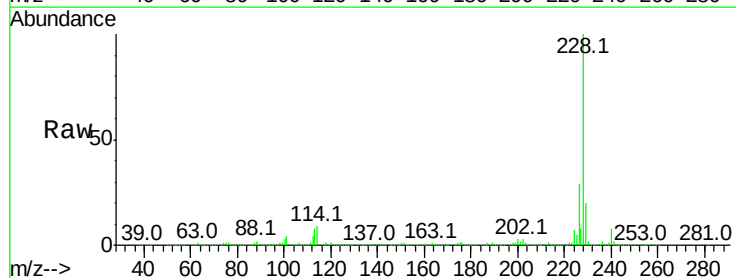
Manual Integrations
APPROVED

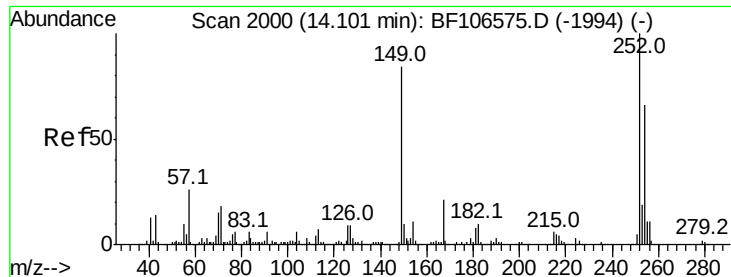
Sohil
7/16/2018 3:22:04 PM



#80
Benzo(a)anthracene
Concen: 67.372 ng
RT: 14.13 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BF107359.D
Acq: 13 Jul 2018 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	640673		
226	28.5	22.6	33.8	
229	19.8	15.8	23.6	





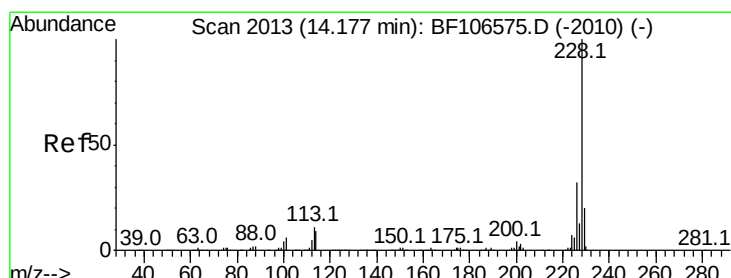
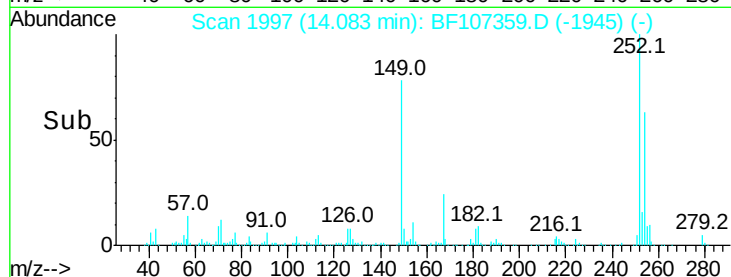
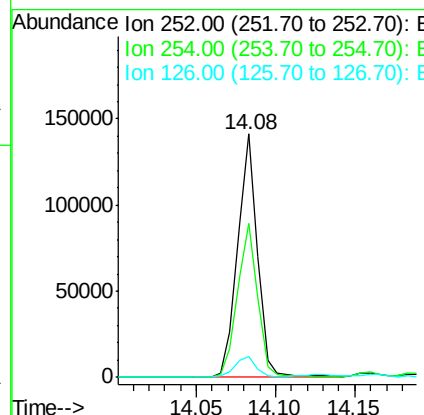
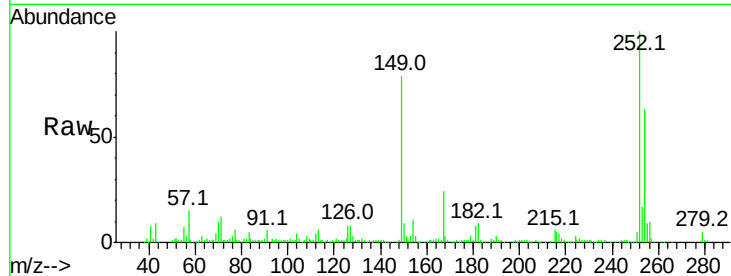
#81
 3,3'-Dichlorobenzidine
 Concen: 37.089 ng
 RT: 14.08 min Scan# 1997
 Delta R.T. 0.01 min
 Lab File: BF107359.D
 Acq: 13 Jul 2018 11:44

Instrument :
 BNA_F
 ClientSampleId :
 EP-4-7MSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.1	50.4	75.6
126	8.4	11.3	16.9

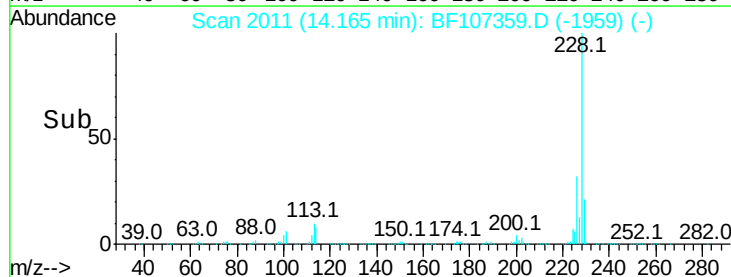
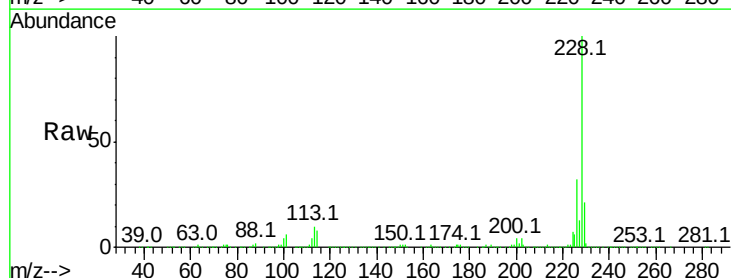
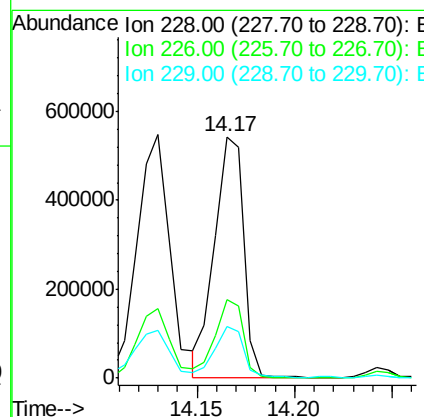
Manual Integrations
 APPROVED

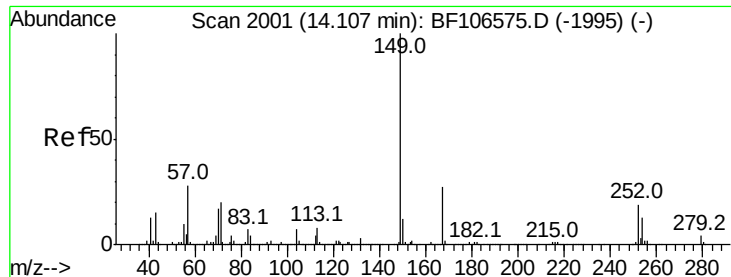
Sohil
 7/16/2018 3:22:04 PM



#82
 Chrysene
 Concen: 64.376 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. 0.01 min
 Lab File: BF107359.D
 Acq: 13 Jul 2018 11:44

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	32.3	25.0	37.6
229	21.5	16.2	24.4





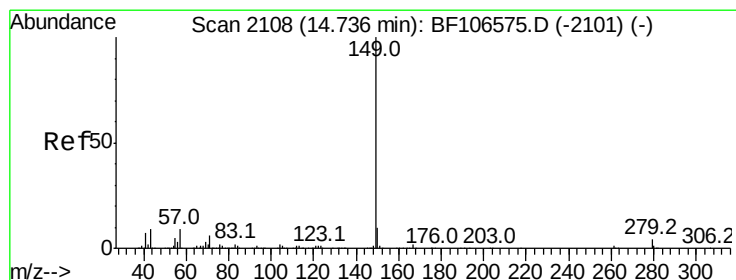
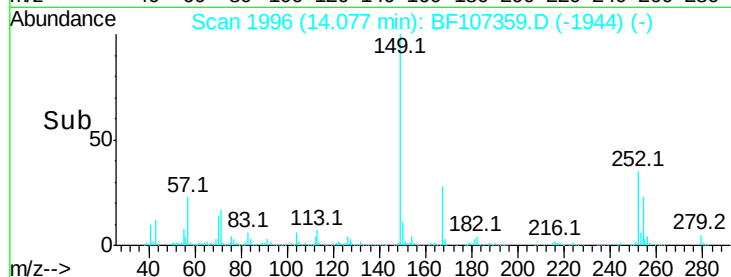
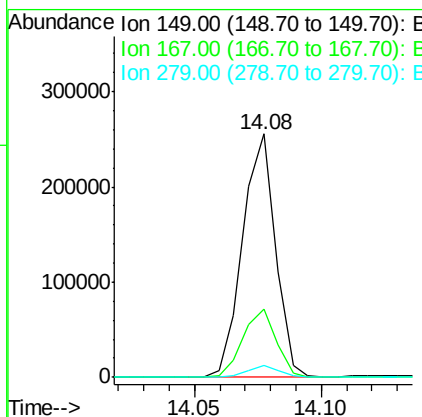
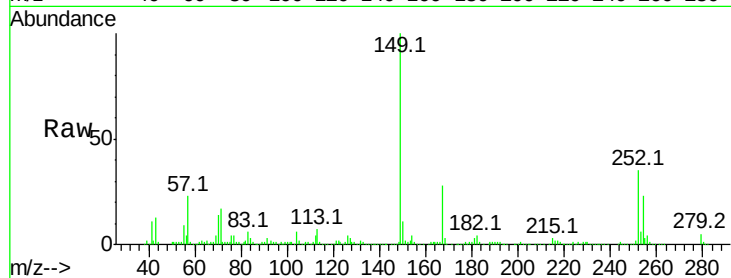
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.310 ng
 RT: 14.08 min Scan# 1996
 Delta R.T. 0.01 min
 Lab File: BF107359.D
 Acq: 13 Jul 2018 11:44

Instrument :
 BNA_F
 ClientSampleId :
 EP-4-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	228826		
167	28.0	21.3	31.9	
279	5.1	3.0	4.4	

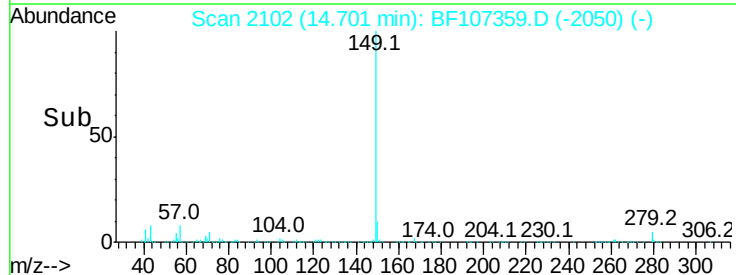
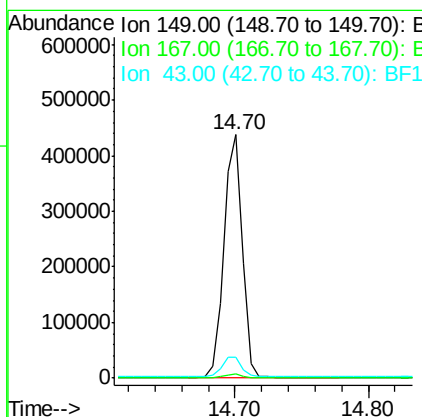
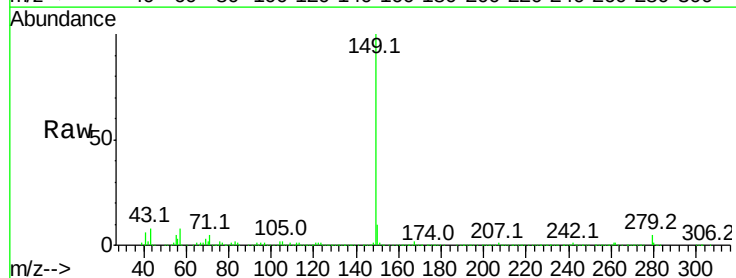
Manual Integrations
 APPROVED

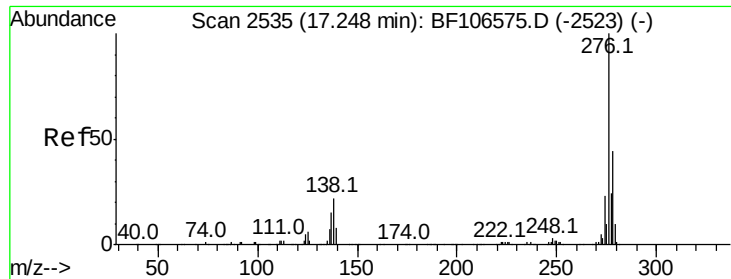
Sohil
 7/16/2018 3:22:04 PM



#84
 Di-n-octyl phthalate
 Concen: 47.879 ng
 RT: 14.70 min Scan# 2102
 Delta R.T. 0.01 min
 Lab File: BF107359.D
 Acq: 13 Jul 2018 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	422090		
167	1.7	1.2	1.8	
43	8.5	8.4	12.6	





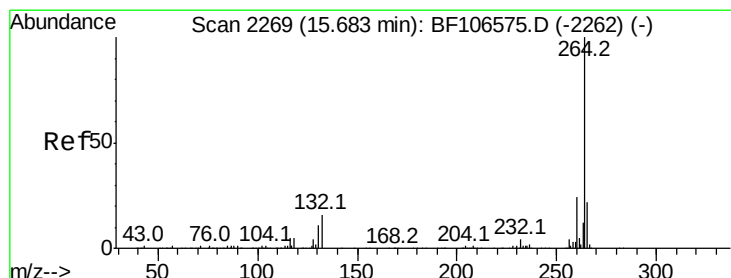
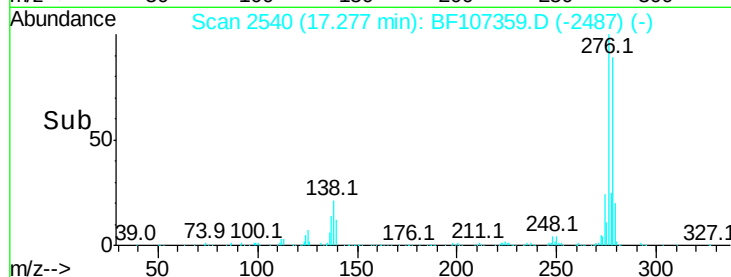
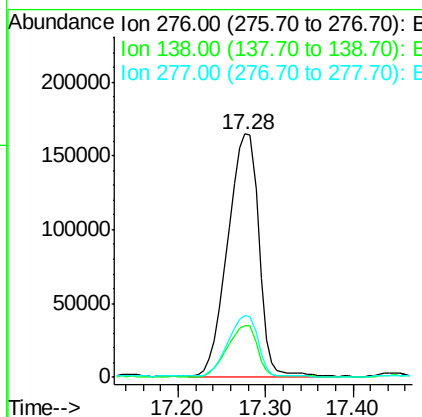
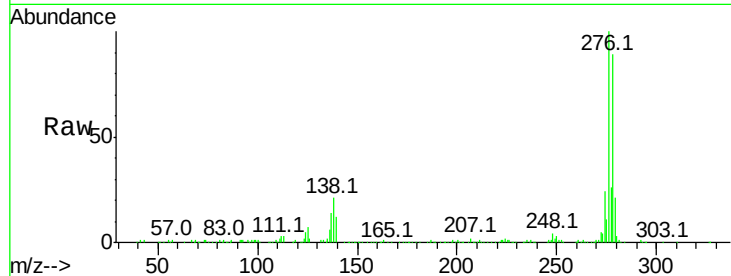
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 53.229 ng
 RT: 17.28 min Scan# 2540
 Delta R.T. 0.01 min
 Lab File: BF107359.D
 Acq: 13 Jul 2018 11:44

Instrument :
 BNA_F
 ClientSampleId :
 EP-4-7MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.7	25.0	37.6#
277	24.3	20.1	30.1

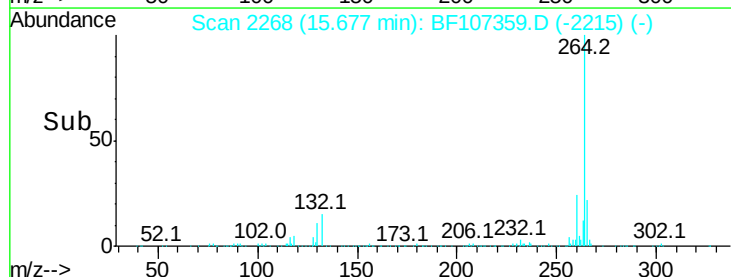
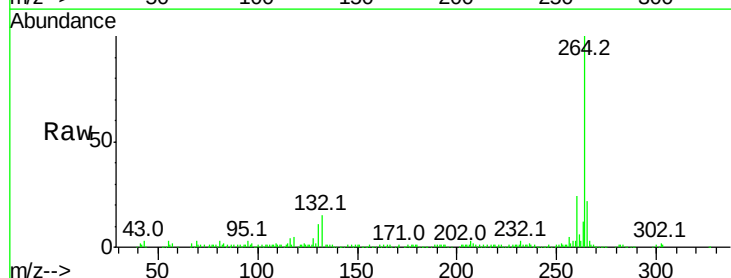
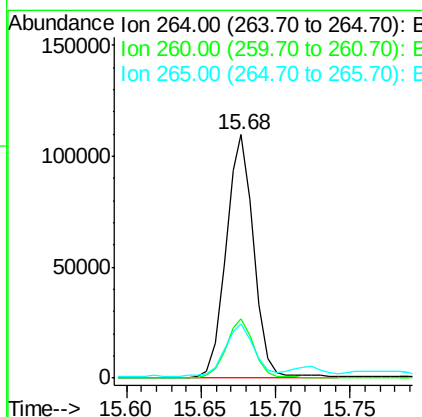
Manual Integrations
 APPROVED

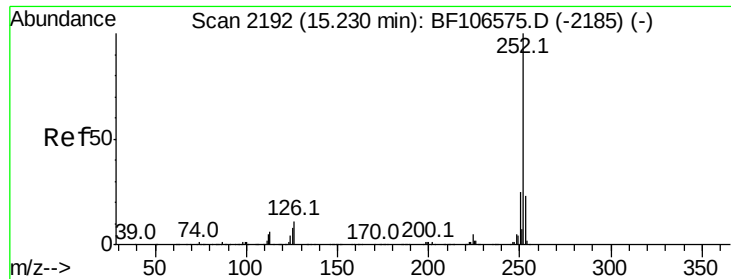
Sohil
 7/16/2018 3:22:04 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. 0.01 min
 Lab File: BF107359.D
 Acq: 13 Jul 2018 11:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.4	17.5	26.3





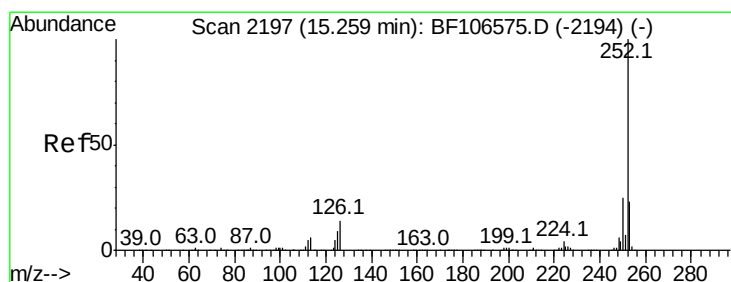
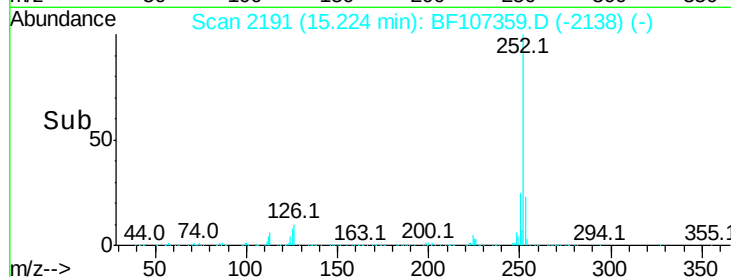
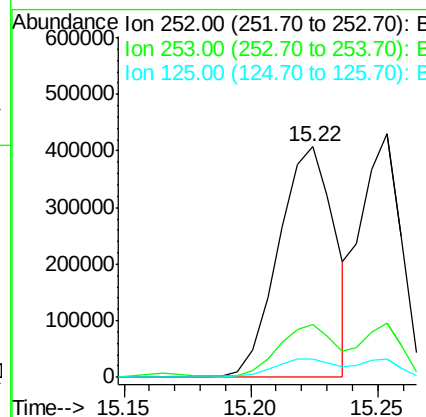
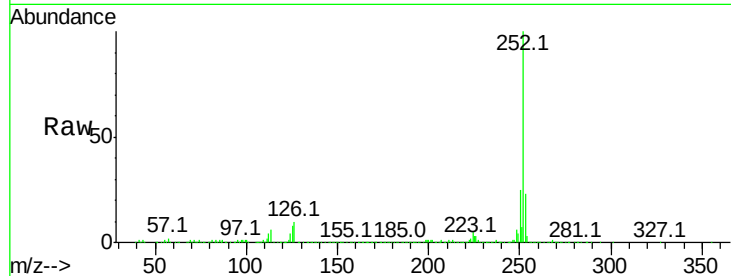
#87
Benzo(b)fluoranthene
Concen: 71.089 ng
RT: 15.22 min Scan# 2191
Delta R.T. 0.01 min
Lab File: BF107359.D
Acq: 13 Jul 2018 11:44

Instrument :
BNA_F
ClientSampleId :
EP-4-7MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	8.2	9.0	13.6#

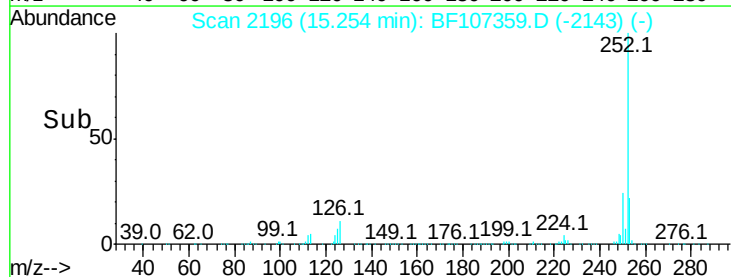
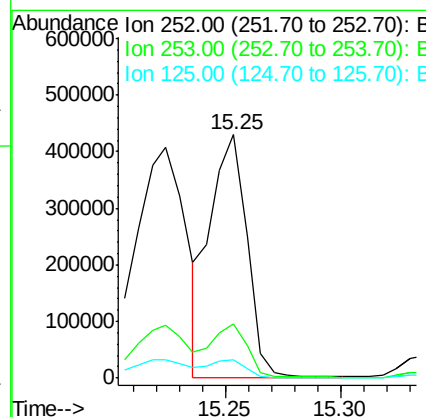
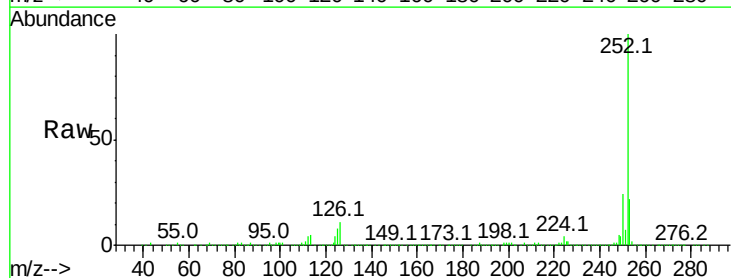
Manual Integrations
APPROVED

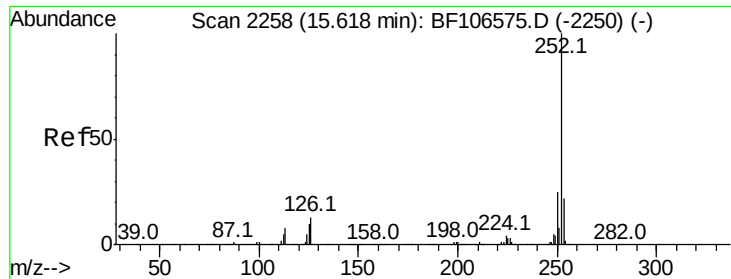
Sohil
7/16/2018 3:22:04 PM



#88
Benzo(k)fluoranthene
Concen: 56.662 ng
RT: 15.25 min Scan# 2196
Delta R.T. 0.01 min
Lab File: BF107359.D
Acq: 13 Jul 2018 11:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	7.6	10.2	15.2#





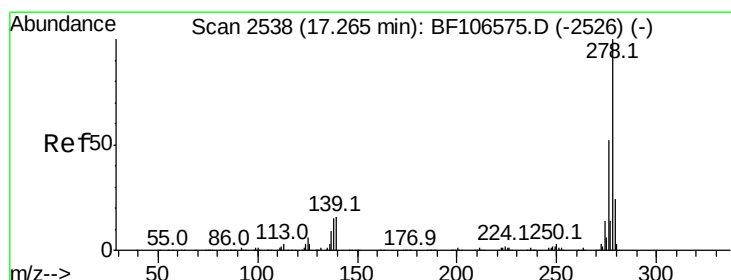
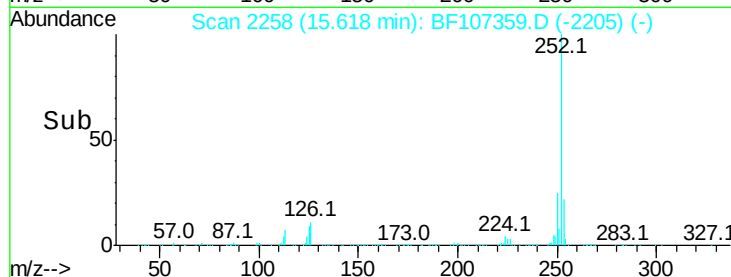
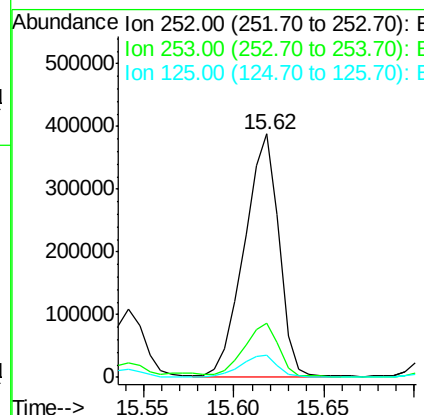
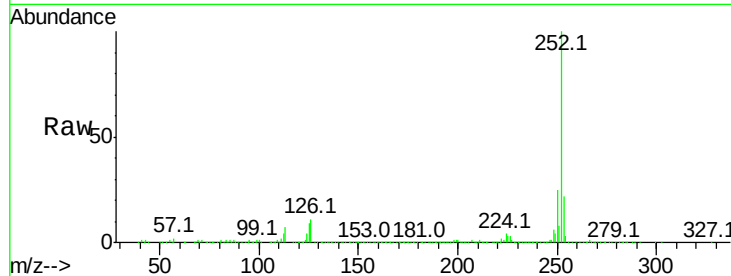
#89
Benzo(a)pyrene
Concen: 66.669 ng m
RT: 15.62 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF107359.D
Acq: 13 Jul 2018 11:44

Instrument :
BNA_F
ClientSampled :
EP-4-7MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	9.0	9.8	14.6

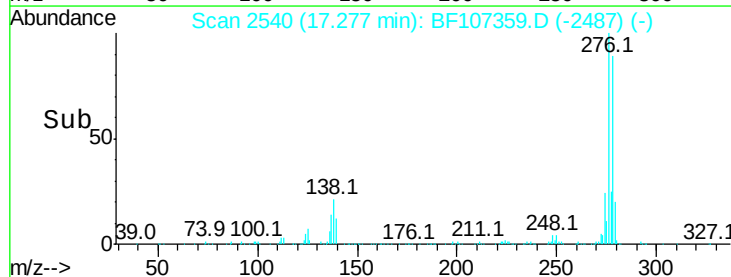
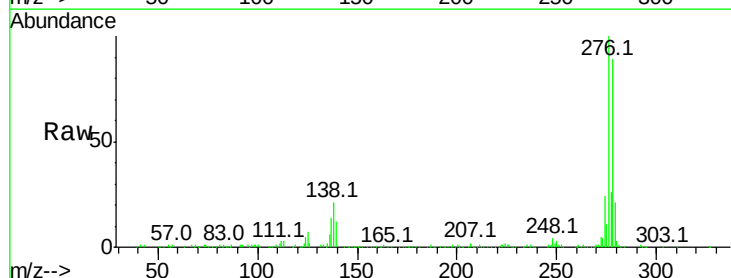
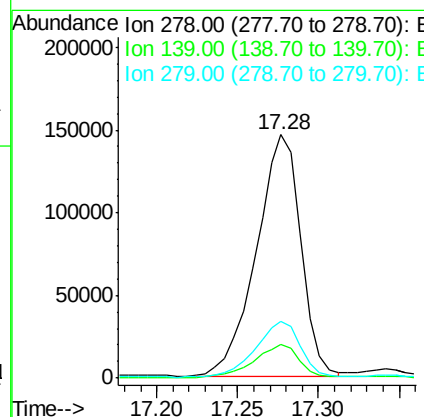
Manual Integrations
APPROVED

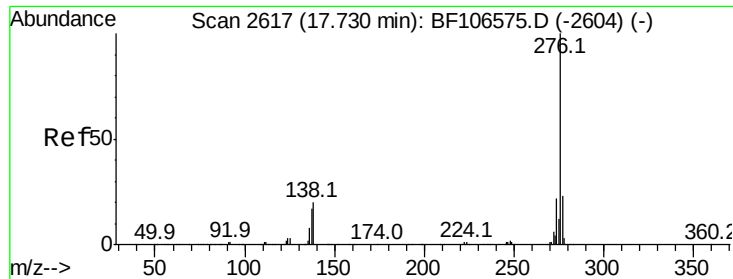
Sohil
7/16/2018 3:22:04 PM



#90
Dibenzo(a,h)anthracene
Concen: 42.028 ng m
RT: 17.28 min Scan# 2540
Delta R.T. 0.01 min
Lab File: BF107359.D
Acq: 13 Jul 2018 11:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.0	15.9	23.9
279	23.1	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 51.923 ng
 RT: 17.76 min Scan# 2622
 Delta R.T. 0.01 min
 Lab File: BF107359.D
 Acq: 13 Jul 2018 11:44

Instrument :
 BNA_F
 ClientSampleId :
 EP-4-7MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.5	17.9	26.9
138	18.3	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 7/16/2018 3:22:04 PM

