

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062918\
 Data File : BF106968.D
 Acq On : 29 Jun 2018 13:06
 Operator : JU/SJ
 Sample : J3709-03MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EME-FW-TS004-01MSD

Manual Integrations
 APPROVED

Sohil
 6/30/2018 10:57:55 AM

Quant Time: Jun 29 14:43:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 11:40:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	74027	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	285093	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	146721	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	266812	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	206593	20.00	ng	-0.02
86) Perylene-d12	15.69	264	192166	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	517141	118.29	ng	0.00
7) Phenol-d6	6.61	99	660104	120.91	ng	0.00
23) Nitrobenzene-d5	7.52	82	425287	82.90	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	223191	131.25	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	759556	88.18	ng	-0.01
78) Terphenyl-d14	13.07	244	771113	90.41	ng	-0.01

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.84	88	71166	31.664	ng	97
3) Pyridine	3.63	79	184527	30.273	ng	97
4) n-Nitrosodimethylamine	3.59	42	90928	35.122	ng	84
6) Aniline	6.62	93	204466	27.610	ng	# 69
8) 2-Chlorophenol	6.75	128	209377	43.666	ng	99
9) Benzaldehyde	6.51	77	124462	31.694	ng	95
10) Phenol	6.62	94	259620	41.669	ng	81
11) bis(2-Chloroethyl)ether	6.69	93	209423	40.715	ng	98
12) 1,3-Dichlorobenzene	6.90	146	239074	42.570	ng	99
13) 1,4-Dichlorobenzene	6.97	146	240888	42.427	ng	98
14) 1,2-Dichlorobenzene	7.12	146	223938	43.036	ng	98
15) Benzyl Alcohol	7.10	79	176964	40.369	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.22	45	277237	41.081	ng	61
17) 2-Methylphenol	7.21	107	179004	43.623	ng	# 91
18) Hexachloroethane	7.46	117	79629	39.882	ng	# 87
19) n-Nitroso-di-n-propylamine	7.37	70	140716	39.102	ng	93
20) 3+4-Methylphenols	7.37	107	215436	50.284	ng	# 84
22) Acetophenone	7.37	105	281947	44.204	ng	# 95
24) Nitrobenzene	7.54	77	223315	42.638	ng	99
25) Isophorone	7.78	82	405858	44.897	ng	99
26) 2-Nitrophenol	7.85	139	120957	48.921	ng	99
27) 2,4-Dimethylphenol	7.90	122	194312	50.846	ng	100
28) bis(2-Chloroethoxy)methane	7.98	93	259054	42.681	ng	98
29) 2,4-Dichlorophenol	8.10	162	200038	49.998	ng	95
30) 1,2,4-Trichlorobenzene	8.18	180	213746	48.496	ng	98
31) Naphthalene	8.26	128	598951	44.936	ng	100
32) Benzoic acid	8.03	122	103385	38.482	ng	98
33) 4-Chloroaniline	8.31	127	137862	24.650	ng	99
34) Hexachlorobutadiene	8.37	225	138175	48.112	ng	99
35) Caprolactam	8.70	113	66007m	50.611	ng	
36) 4-Chloro-3-methylphenol	8.81	107	201983	47.962	ng	95
37) 2-Methylnaphthalene	8.95	142	444605	50.324	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	235745	47.711	ng	# 95
40) Hexachlorocyclopentadiene	9.10	237	69420	27.307	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	141937	43.215	nq	93
43) 2,4,5-Trichlorophenol	9.28	196	149328	43.571	nq	89
45) 1,1'-Biphenyl	9.41	154	533016	45.584	nq	98
46) 2-Chloronaphthalene	9.44	162	398085	43.251	nq	97
47) 2-Nitroaniline	9.55	65	121631	39.299	nq	97
48) Acenaphthylene	9.86	152	618979	42.596	nq	99
49) Dimethylphthalate	9.71	163	587118	53.354	nq	98
50) 2,6-Dinitrotoluene	9.78	165	113016	48.501	nq	92
51) Acenaphthene	10.03	154	371165	40.562	nq	98
52) 3-Nitroaniline	9.96	138	79762	29.746	nq	94
53) 2,4-Dinitrophenol	10.07	184	78322	65.674	nq #	16
54) Dibenzofuran	10.21	168	564804	45.076	nq	96
55) 4-Nitrophenol	10.14	139	109009	58.241	nq	96
56) 2,4-Dinitrotoluene	10.20	165	142581	46.878	nq #	85
57) Fluorene	10.55	166	445425	44.798	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.32	232	130463	47.888	nq #	77
59) Diethylphthalate	10.41	149	439365	41.368	nq #	93
60) 4-Chlorophenyl-phenylether	10.54	204	235112	45.193	nq #	84
61) 4-Nitroaniline	10.58	138	98939	37.179	nq	94
62) Azobenzene	10.70	77	400207	38.264	nq	93
64) 4,6-Dinitro-2-methylphenol	10.61	198	65488	39.707	nq #	66
65) n-Nitrosodiphenylamine	10.66	169	389306	43.380	nq	98
66) 4-Bromophenyl-phenylether	11.02	248	158329	49.722	nq #	82
67) Hexachlorobenzene	11.10	284	160228	48.077	nq #	86
68) Atrazine	11.18	200	135691	47.562	nq	96
69) Pentachlorophenol	11.30	266	119455	71.834	nq	99
70) Phenanthrene	11.52	178	598332	46.494	nq	99
71) Anthracene	11.57	178	613060	46.673	nq	100
72) Carbazole	11.72	167	530975	43.176	nq	98
73) Di-n-butylphthalate	12.04	149	614481	42.413	nq	99
74) Fluoranthene	12.71	202	602975	42.511	nq	96
76) Benzidine	12.82	184	54039	9.185	nq	98
77) Pyrene	12.94	202	587432	43.119	nq	99
79) Butylbenzylphthalate	13.54	149	227580	40.630	nq #	93
80) Benzo(a)anthracene	14.14	228	565797	44.936	nq	99
81) 3,3'-Dichlorobenzidine	14.09	252	128797	29.105	nq #	95
82) Chrysene	14.18	228	520956	44.973	nq	99
83) Bis(2-ethylhexyl)phthalate	14.10	149	300680	41.988	nq #	95
84) Di-n-octyl phthalate	14.74	149	513141	43.961	nq	95
85) Indeno(1,2,3-cd)pyrene	17.28	276	440105	44.770	nq #	89
87) Benzo(b)fluoranthene	15.24	252	515810	43.210	nq #	95
88) Benzo(k)fluoranthene	15.27	252	490945	43.187	nq #	95
89) Benzo(a)pyrene	15.63	252	469419	44.235	nq #	95
90) Dibenzo(a,h)anthracene	17.29	278	369955	41.136	nq #	92
91) Benzo(g,h,i)perylene	17.77	276	350405	39.862	nq #	89

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

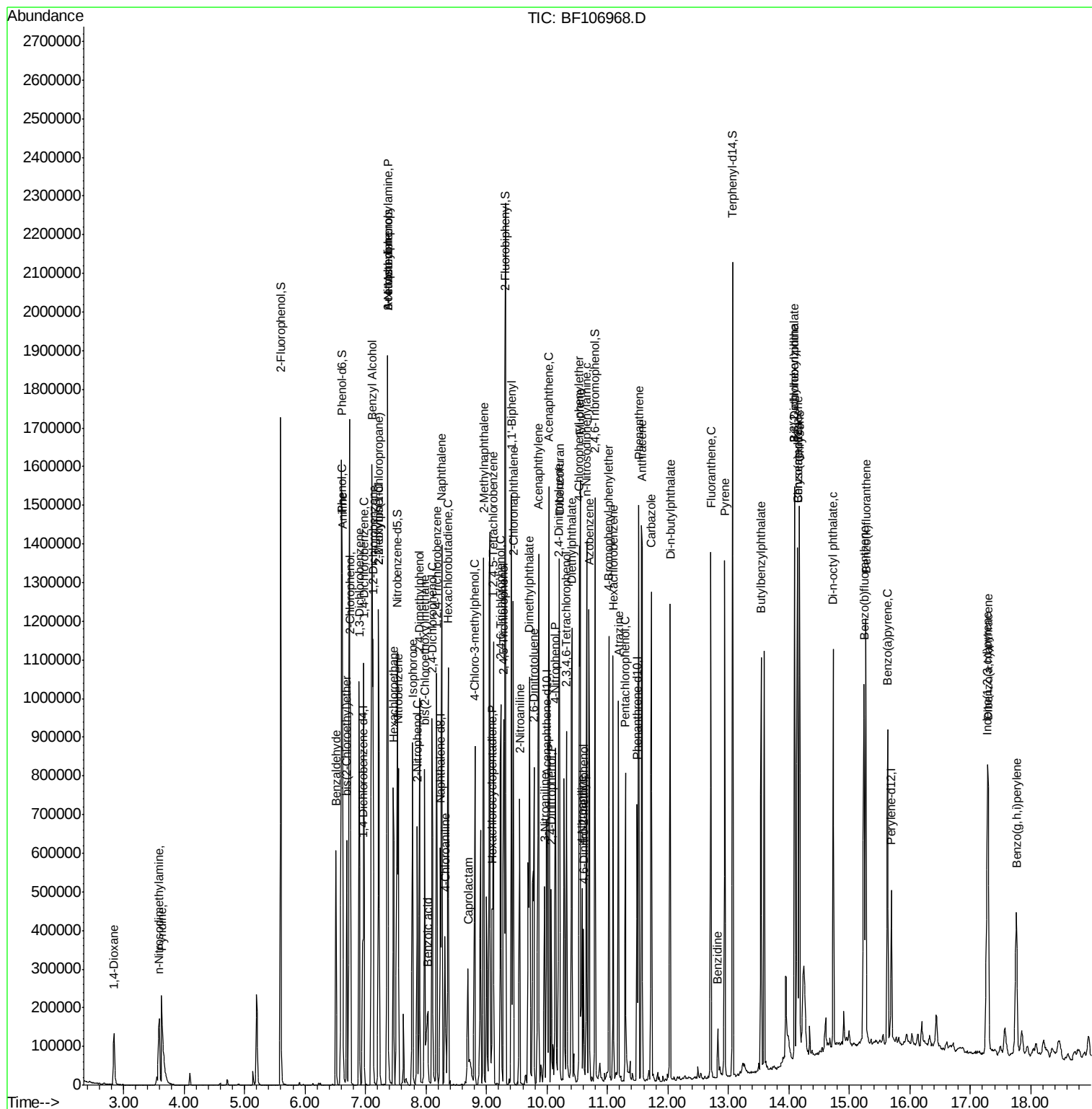
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062918\
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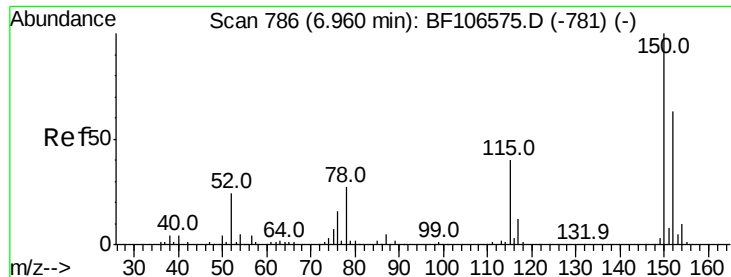
Instrument :
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 ClientSampleID :
 EME-FW-TS004-01MSD

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#1

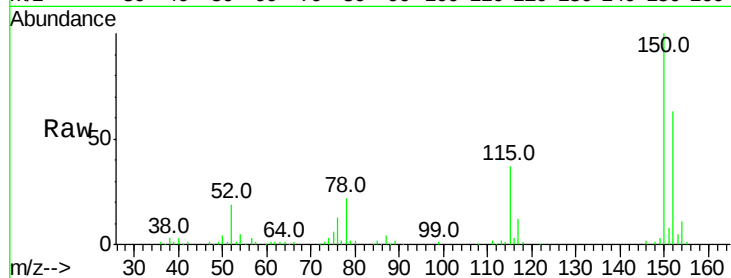
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106968.D
Acq: 29 Jun 2018 13:06

Instrument :
BNA_F
ClientSampleId :
EME-FW-TS004-01MSD

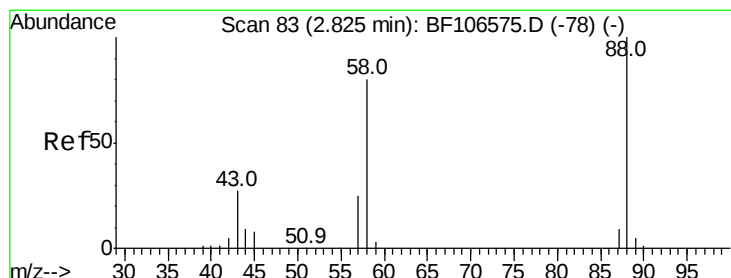
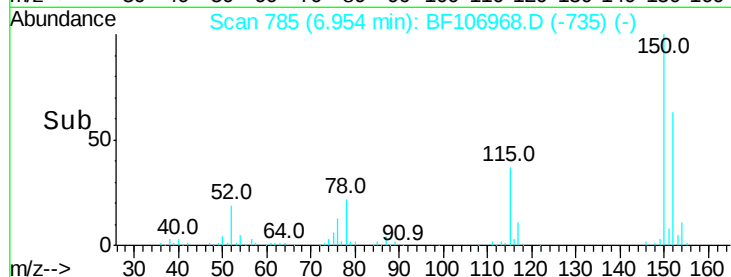
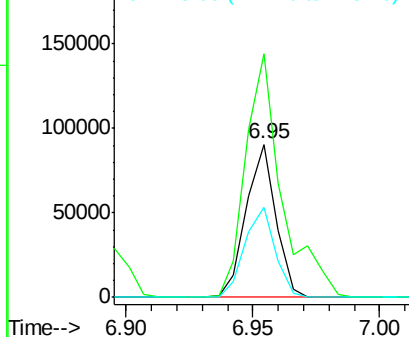
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.6	186.8
115	58.4	50.1	75.1

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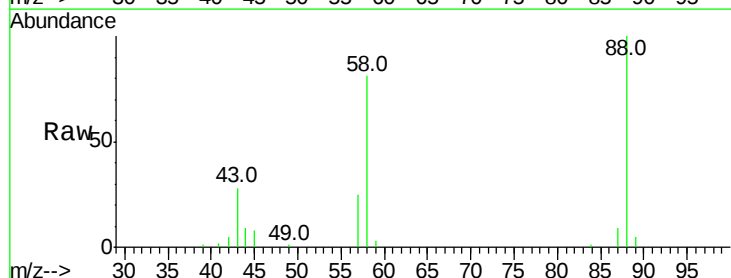
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



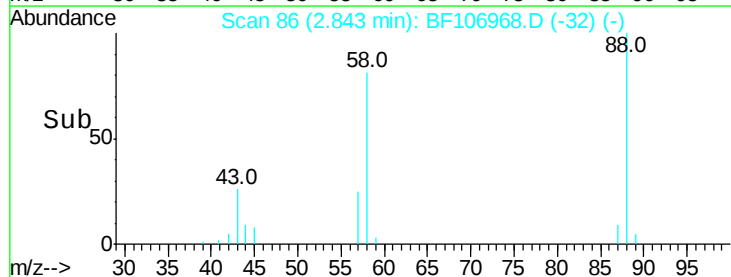
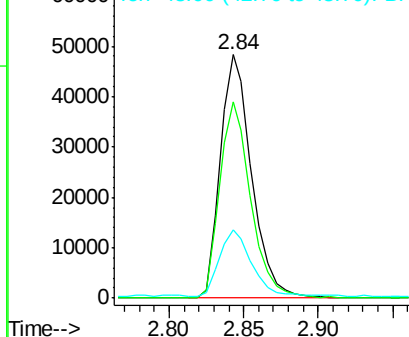
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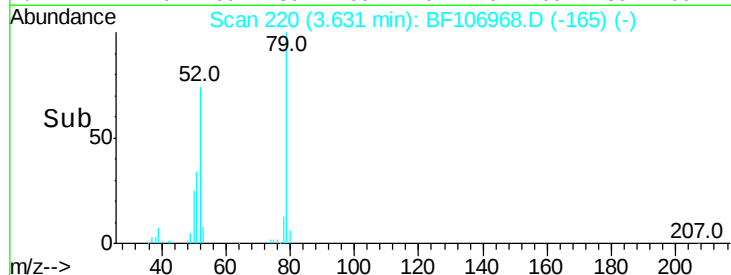
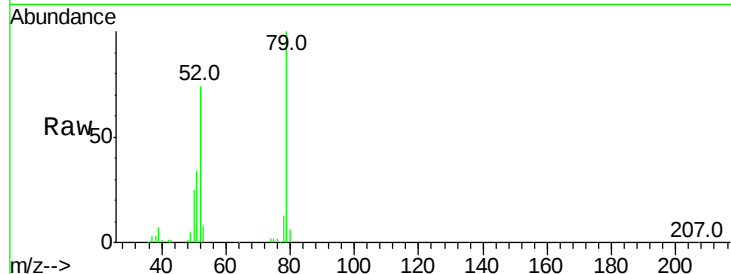
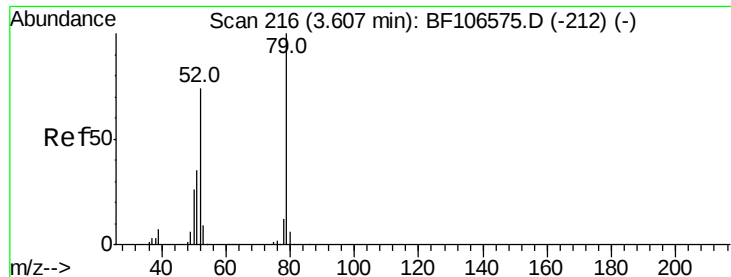
1,4-Dioxane
Concen: 31.664 ng
RT: 2.84 min Scan# 86
Delta R.T. 0.02 min
Lab File: BF106968.D
Acq: 29 Jun 2018 13:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.9	62.6	93.8
43	28.2	24.6	37.0



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





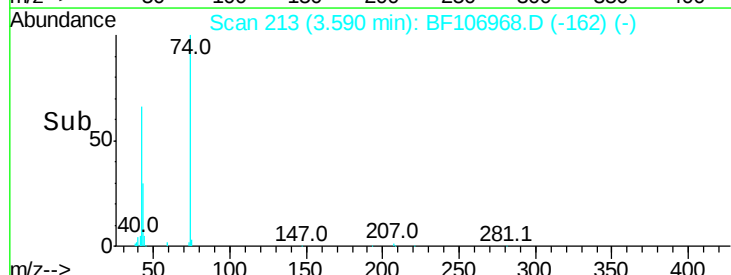
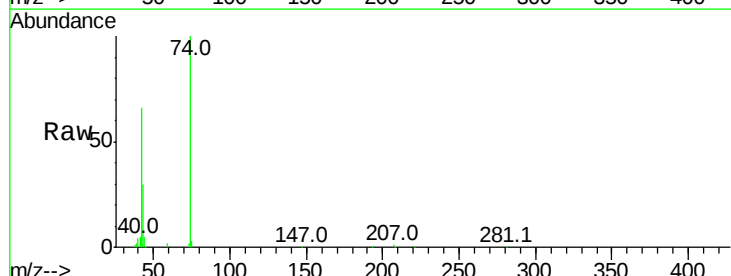
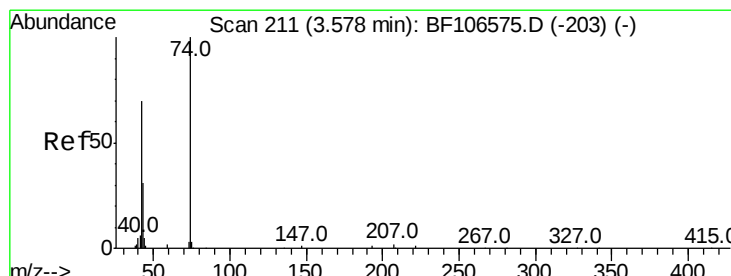
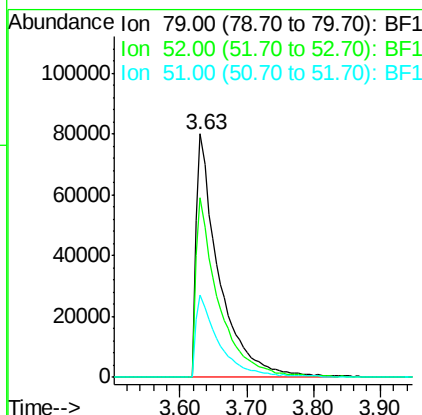
#3
 Pvridine
 Concen: 30.273 ng
 RT: 3.63 min Scan# 220
 Delta R.T. 0.02 min
 Lab File: BF106968.D
 Acq: 29 Jun 2018 13:06

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		184527		
52	73.6	59.8		89.6	
51	33.9	29.8		44.8	

Instrument :
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 EME-FW-TS004-01MSD

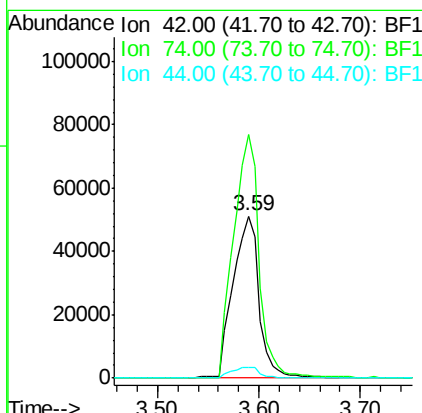
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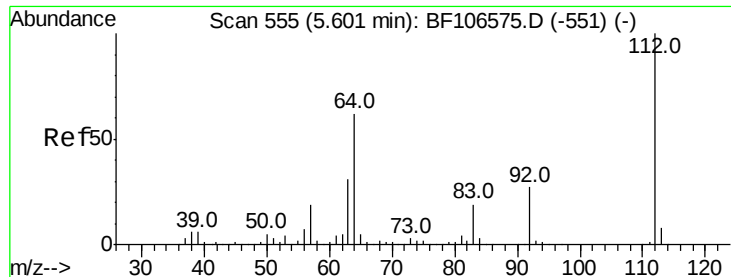
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#4
 n-Nitrosodimethylamine
 Concen: 35.122 ng
 RT: 3.59 min Scan# 213
 Delta R.T. -0.00 min
 Lab File: BF106968.D
 Acq: 29 Jun 2018 13:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		90928		
74	150.5	104.9		157.3	
44	6.9	6.9		10.3	





#5

2-Fluorophenol

Concen: 118.293 ng

RT: 5.60 min Scan# 555

Delta R.T. -0.00 min

Lab File: BF106968.D

Acq: 29 Jun 2018 13:06

Instrument :

BNA_F

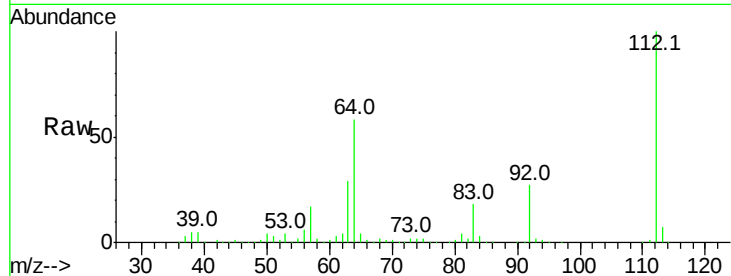
ClientSampleId :

EME-FW-TS004-01MSD

Tot Ion:	112	Resp:	517141
Ion Ratio	Lower	Upper	
112	100		
64	57.8	47.9	71.9
63	28.5	23.7	35.5

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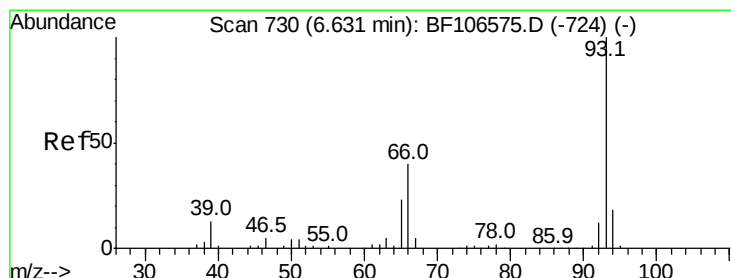
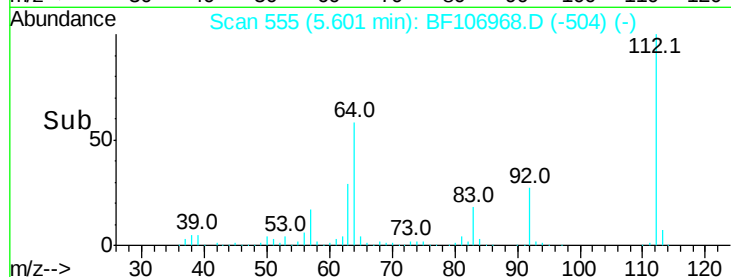
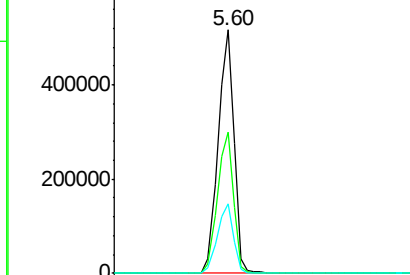
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 27.610 ng

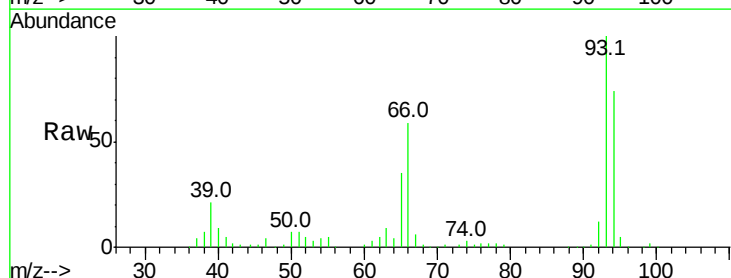
RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF106968.D

Acq: 29 Jun 2018 13:06

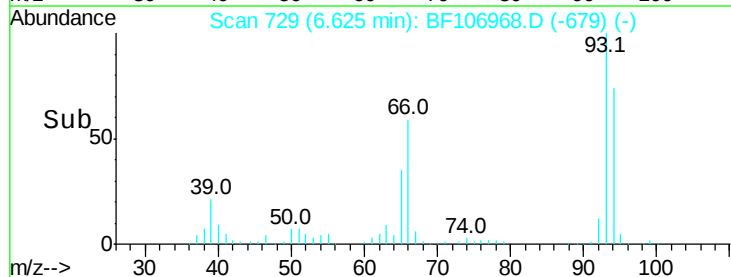
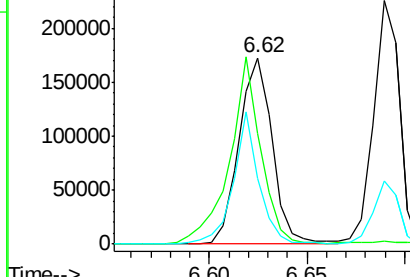
Tgt Ion:	93	Resp:	204466
Ion Ratio	Lower	Upper	
93	100		
66	59.3	32.2	48.2#
65	35.1	16.4	24.6#

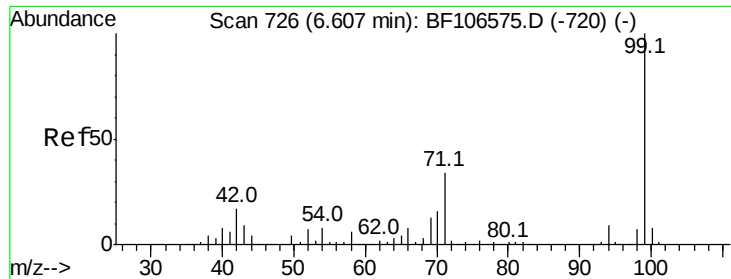


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 120.911 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106968.D

Acq: 29 Jun 2018 13:06

Instrument :

BNA_F

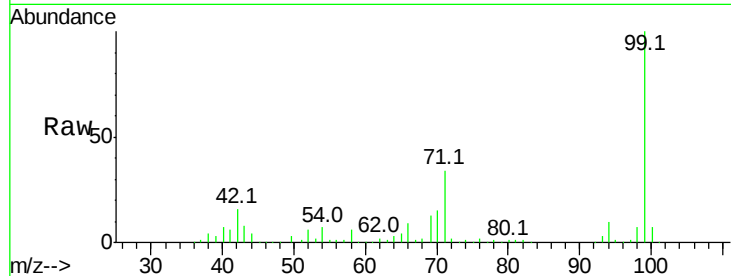
ClientSampleId :

EME-FW-TS004-01MSD

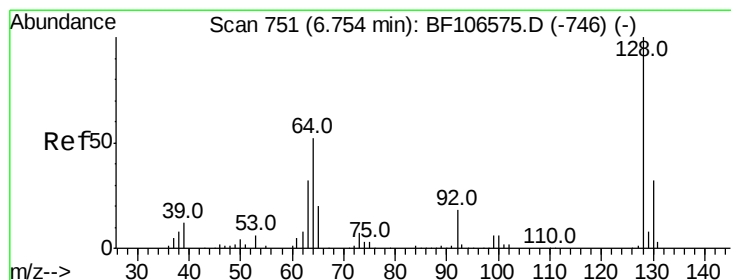
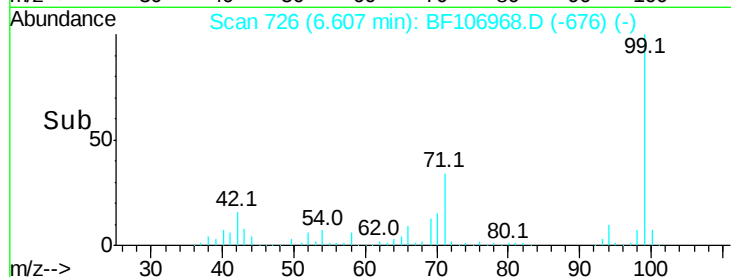
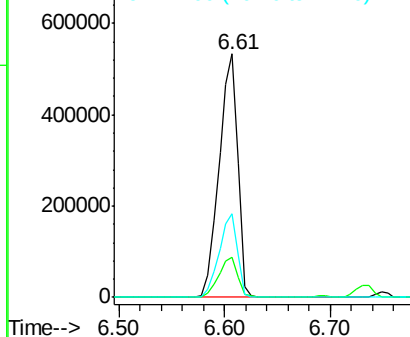
Tot Ion:	99	Resp:	660104
Ion Ratio	Lower	Upper	
99	100		
42	16.5	14.5	21.7
71	34.3	25.4	38.0

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



#8

2-Chlorophenol

Concen: 43.666 ng

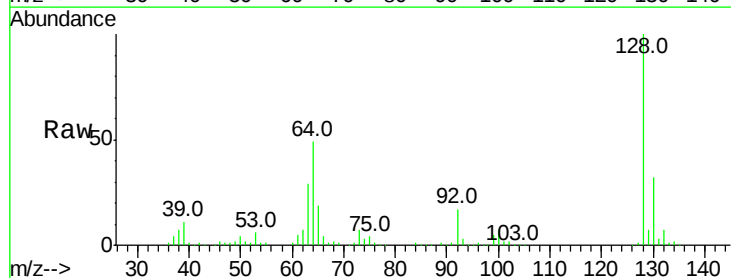
RT: 6.75 min Scan# 750

Delta R.T. -0.01 min

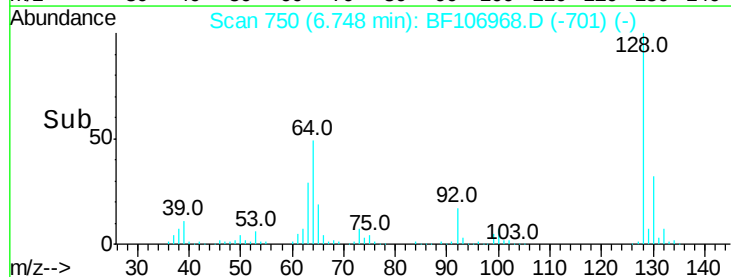
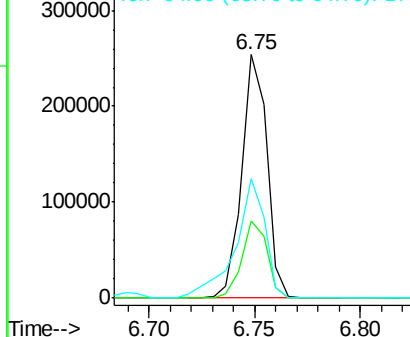
Lab File: BF106968.D

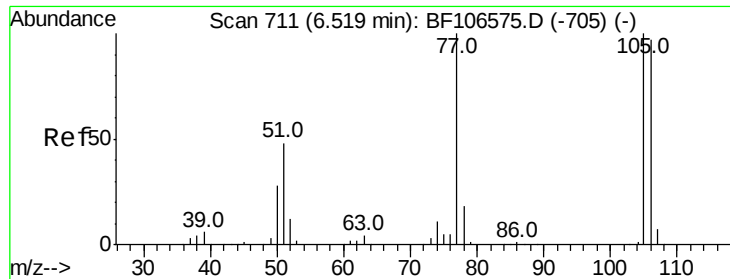
Acq: 29 Jun 2018 13:06

Tgt Ion:	128	Resp:	209377
Ion Ratio	Lower	Upper	
128	100		
130	32.0	13.0	53.0
64	49.2	29.4	69.4



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





#9

Benzaldehyde

Concen: 31.694 ng

RT: 6.51 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF106968.D

Acq: 29 Jun 2018 13:06

Instrument :

BNA_F

ClientSampleId :

EME-FW-TS004-01MSD

Tot Ion: 77 Resp: 124462

Ion Ratio Lower Upper

77 100

105 105.7 81.1 121.1

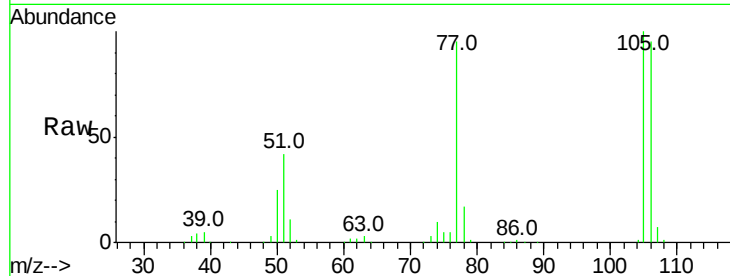
106 100.7 74.5 114.5

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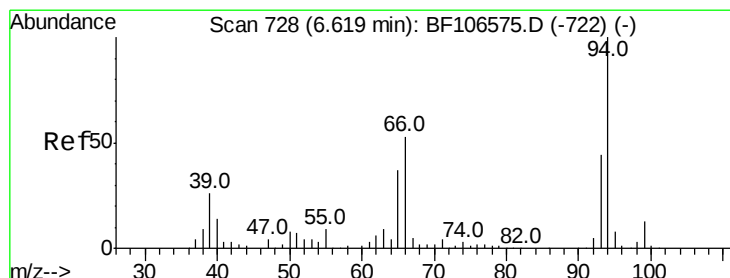
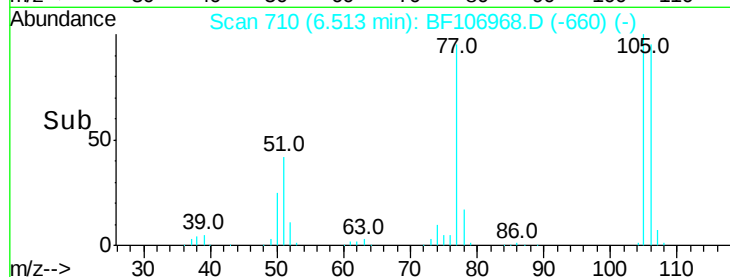
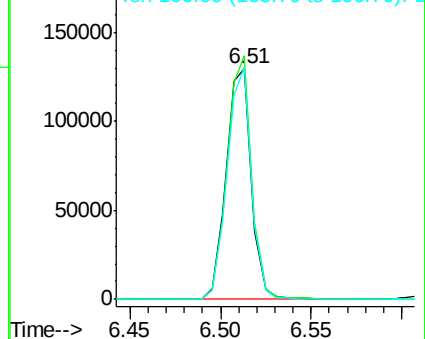
6/30/2018 10:57:55 AM



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: 41.669 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF106968.D

Acq: 29 Jun 2018 13:06

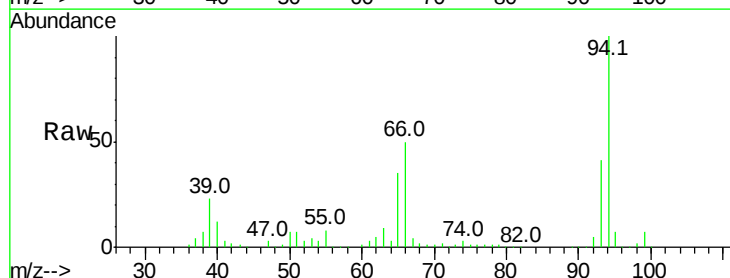
Tgt Ion: 94 Resp: 259620

Ion Ratio Lower Upper

94 100

65 35.3 7.9 47.9

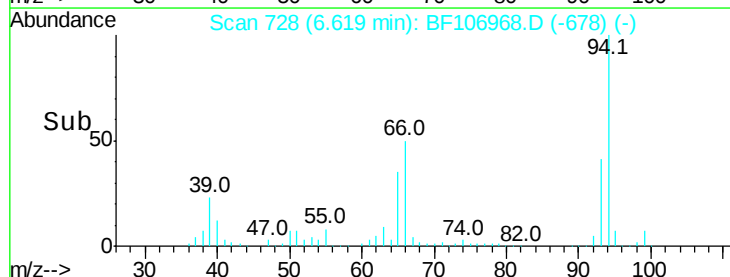
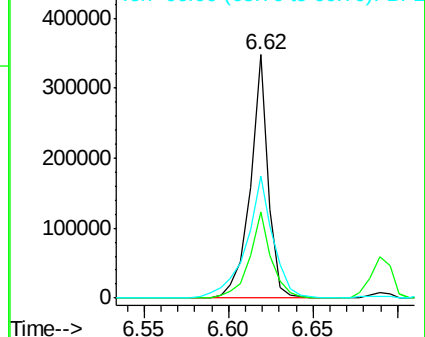
66 50.0 16.2 56.2

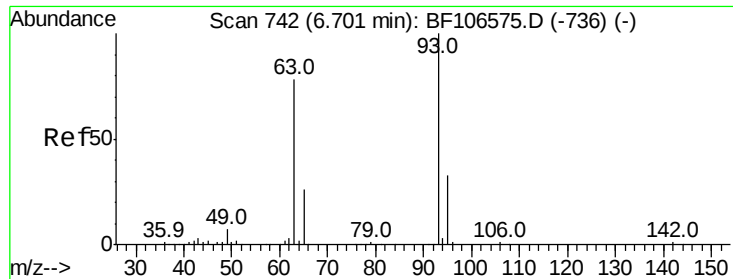


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 40.715 ng

RT: 6.69 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF106968.D

Acq: 29 Jun 2018 13:06

Instrument :

BNA_F

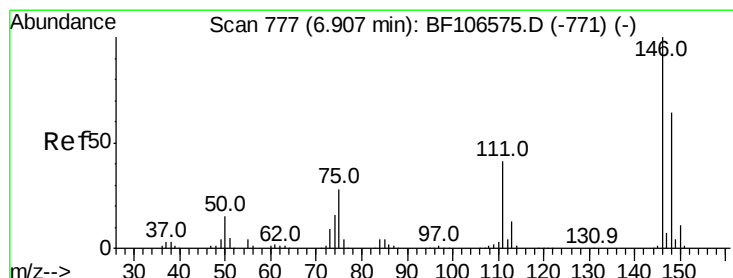
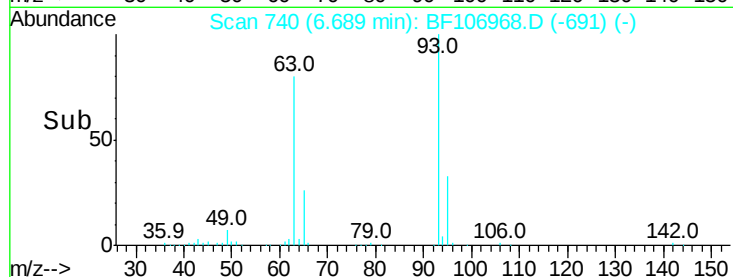
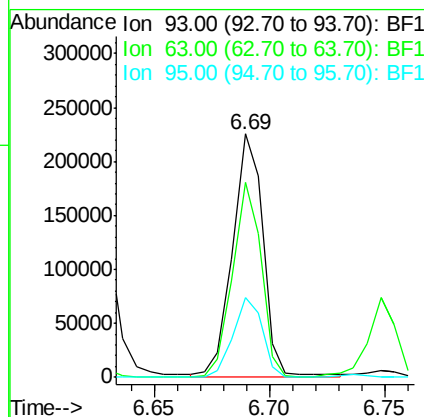
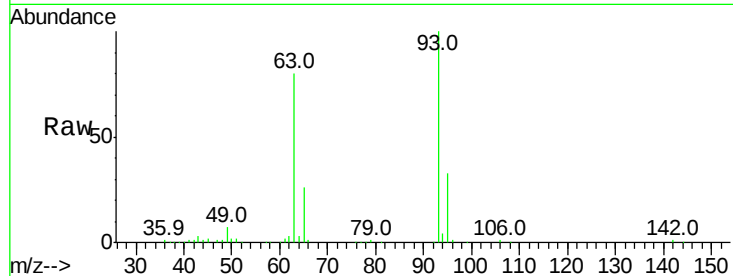
ClientSampleId :

EME-FW-TS004-01MSD

Tot Ion:	93	Resp:	209423
Ion Ratio	Lower	Upper	
93	100		
63	79.9	58.6	98.6
95	32.7	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 42.570 ng

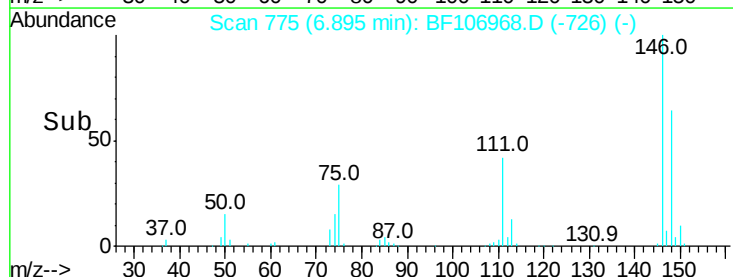
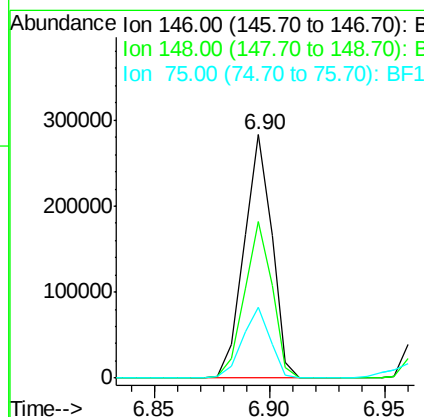
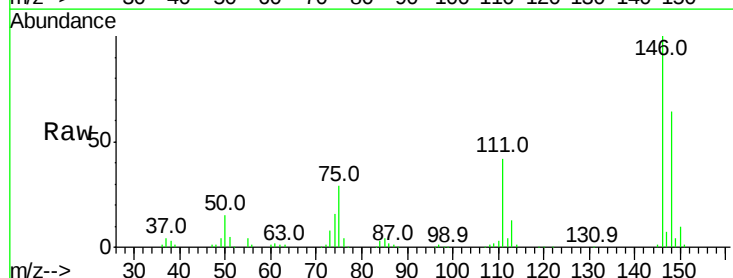
RT: 6.90 min Scan# 775

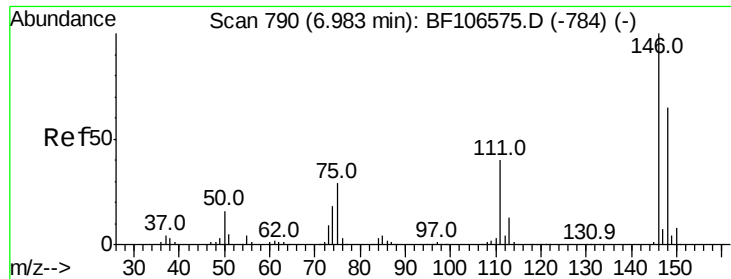
Delta R.T. -0.01 min

Lab File: BF106968.D

Acq: 29 Jun 2018 13:06

Tgt Ion:	146	Resp:	239074
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.8	77.8
75	29.0	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 42.427 ng

RT: 6.97 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF106968.D

Acq: 29 Jun 2018 13:06

Instrument :

BNA_F

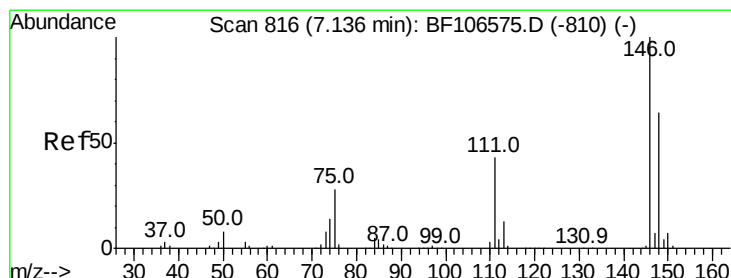
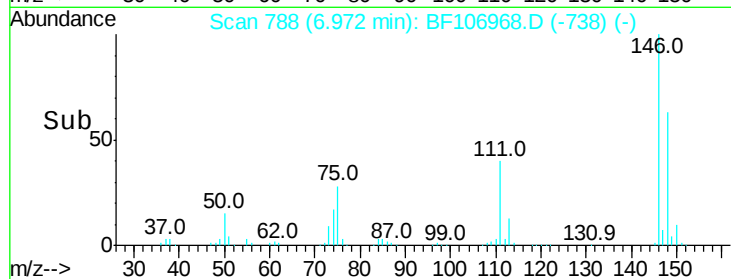
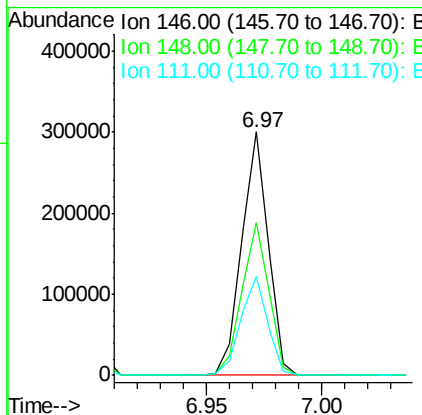
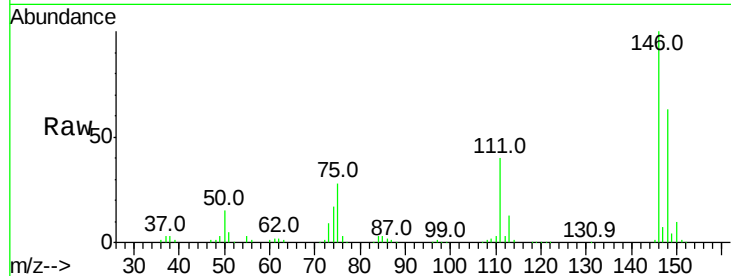
ClientSampleId :

EME-FW-TS004-01MSD

Tot Ion:	146	Resp:	240888
Ion Ratio	Lower	Upper	
146	100		
148	62.8	50.8	76.2
111	40.5	34.2	51.2

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 43.036 ng

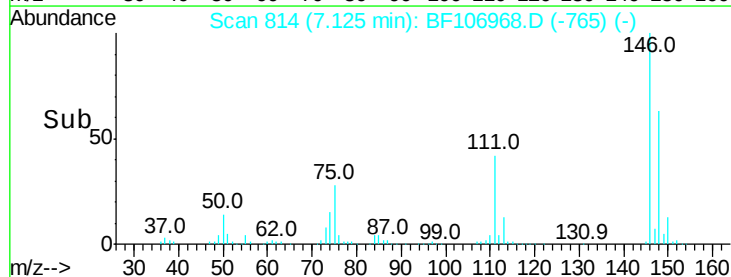
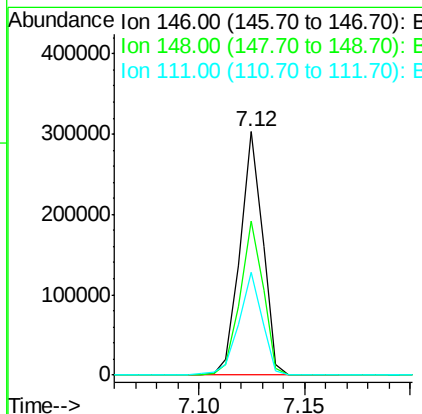
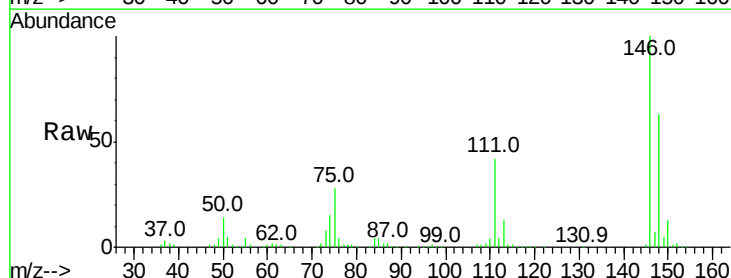
RT: 7.12 min Scan# 814

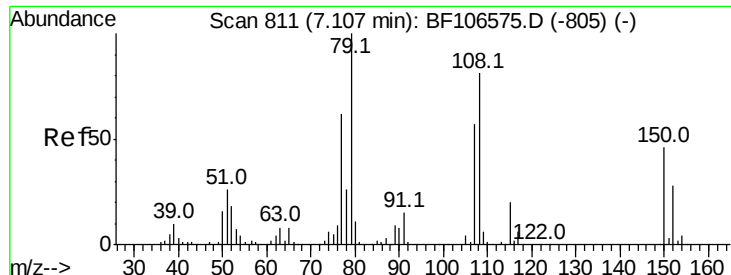
Delta R.T. -0.01 min

Lab File: BF106968.D

Acq: 29 Jun 2018 13:06

Tgt Ion:	146	Resp:	223938
Ion Ratio	Lower	Upper	
146	100		
148	63.0	50.6	75.8
111	42.3	36.0	54.0





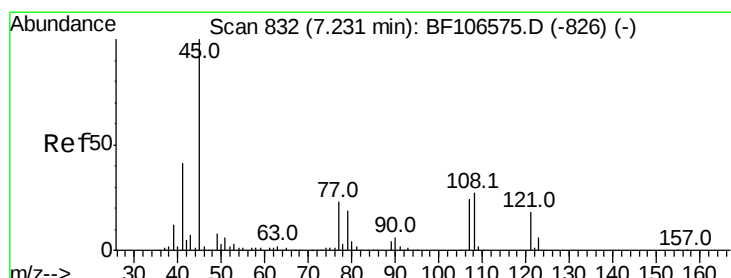
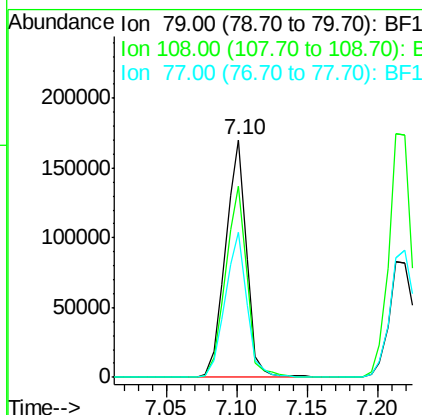
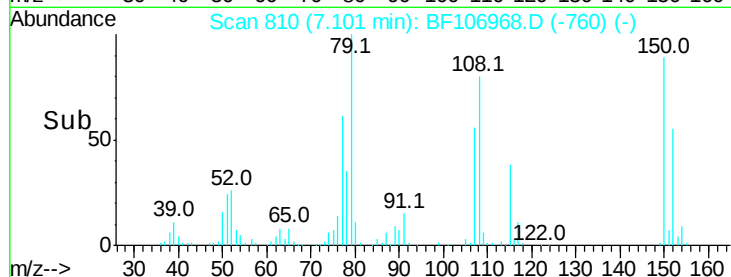
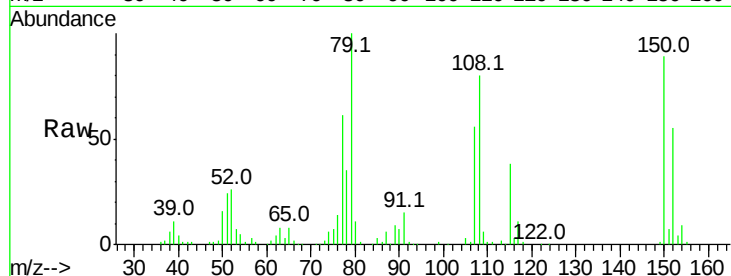
#15
Benzyl Alcohol
Concen: 40.369 ng
RT: 7.10 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF106968.D
Acq: 29 Jun 2018 13:06

Instrument :
BNA_F
ClientSampleId :
EME-FW-TS004-01MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.2	65.1	97.7
77	60.8	50.6	75.8

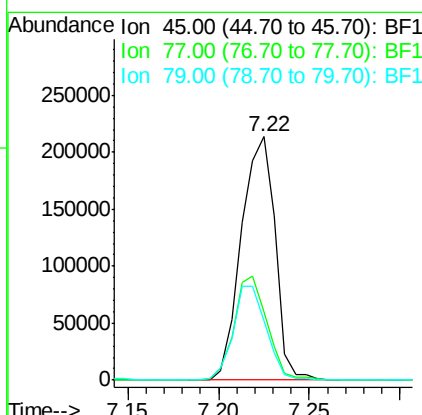
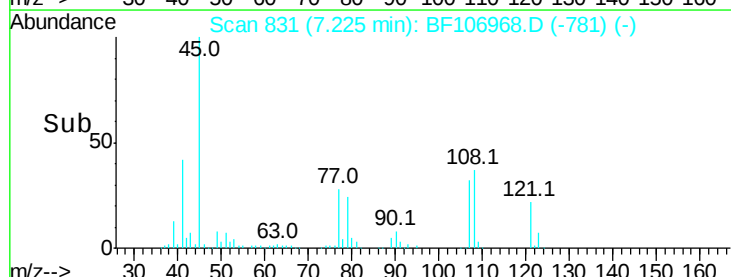
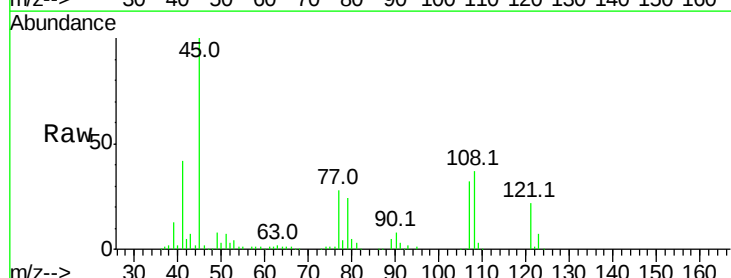
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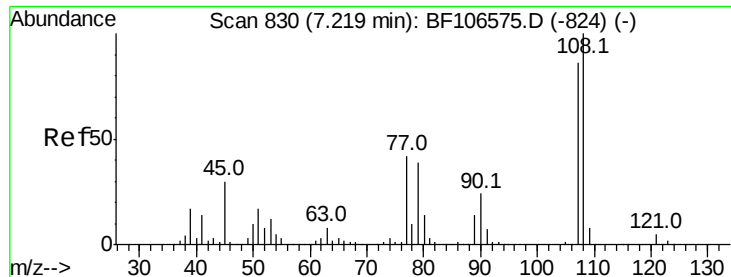
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#16
2,2'-oxybis(1-chloropropane)
Concen: 41.081 ng
RT: 7.22 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF106968.D
Acq: 29 Jun 2018 13:06

Tgt Ion	Ratio	Lower	Upper
45	100		
77	28.1	0.0	32.9
79	24.3	0.0	29.6





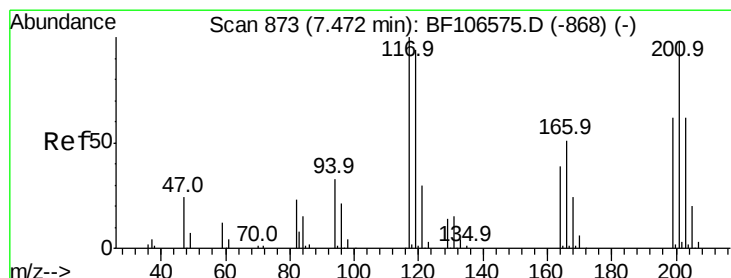
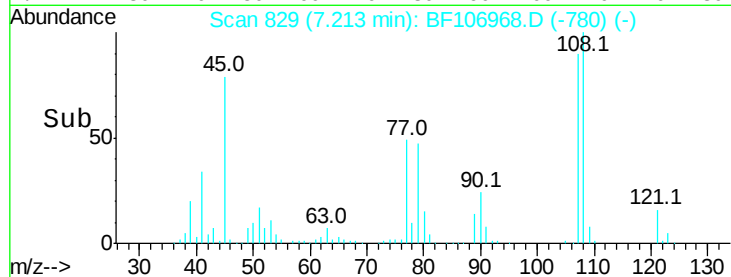
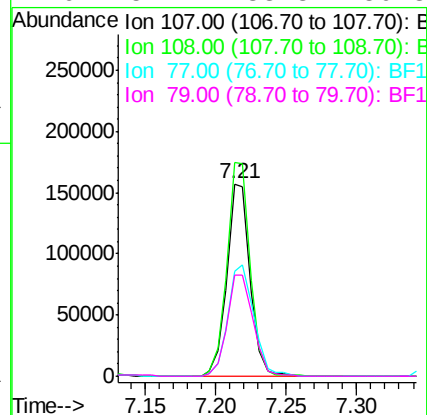
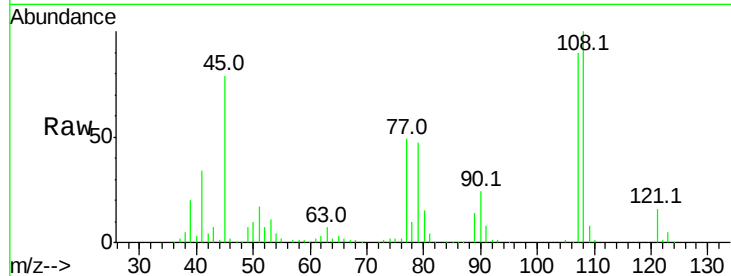
#17
2-Methylphenol
Concen: 43.623 ng
RT: 7.21 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF106968.D
Acq: 29 Jun 2018 13:06

Instrument :
BNA_F
ClientSampleId :
EME-FW-TS004-01MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.1	91.7	137.5
77	54.3	33.8	50.8#
79	52.7	33.8	50.8#

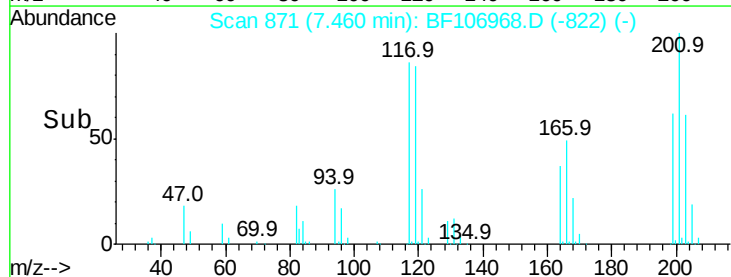
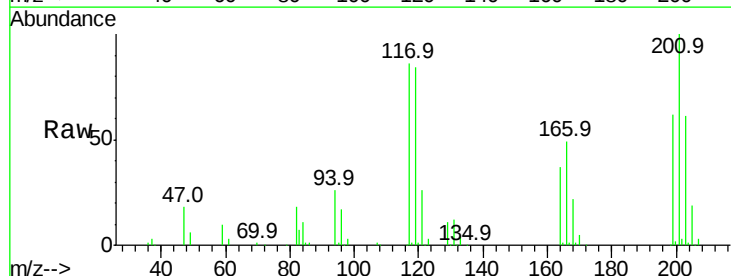
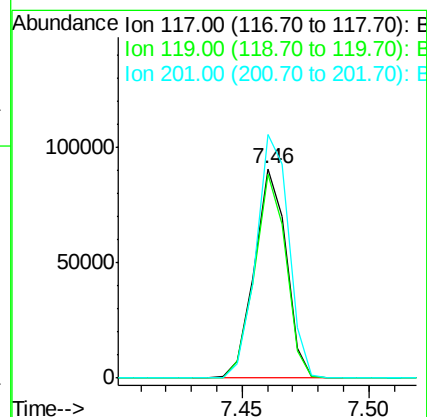
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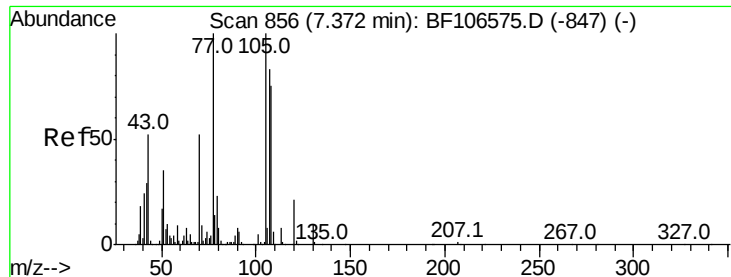
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#18
Hexachloroethane
Concen: 39.882 ng
RT: 7.46 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF106968.D
Acq: 29 Jun 2018 13:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.7	75.8	113.8
201	116.3	75.7	113.5#





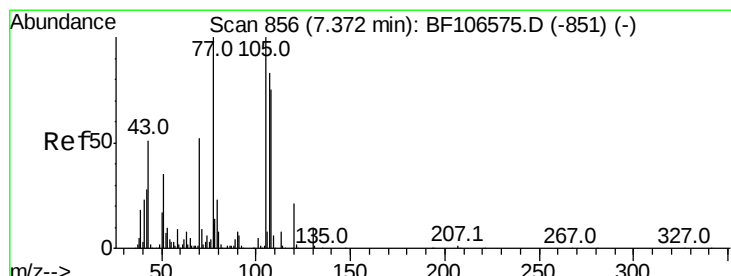
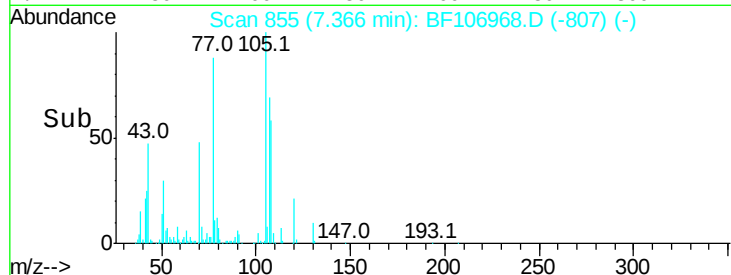
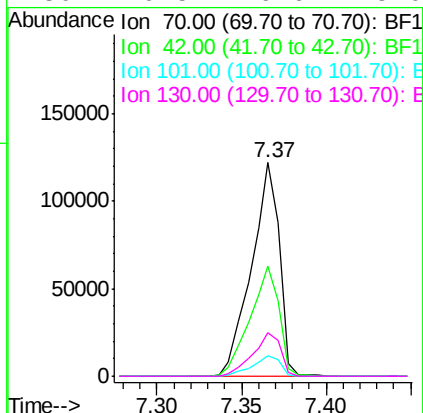
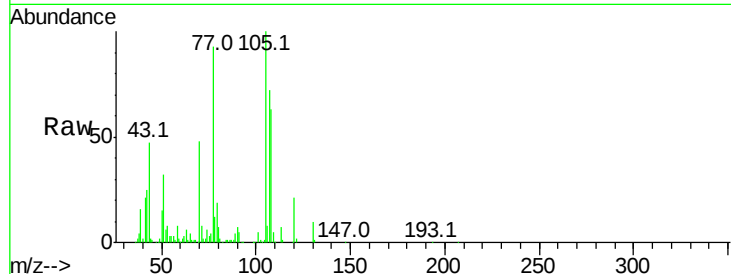
#19
n-Nitroso-di-n-propylamine
Concen: 39.102 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.02 min
Lab File: BF106968.D
Acq: 29 Jun 2018 13:06

Instrument :
BNA_F
ClientSampleId :
EME-FW-TS004-01MSD

Tot Ion	70	Resp	140716
Ion	Ratio	Lower	Upper
70	100		
42	51.8	47.5	71.3
101	9.8	7.4	11.2
130	20.5	16.6	25.0

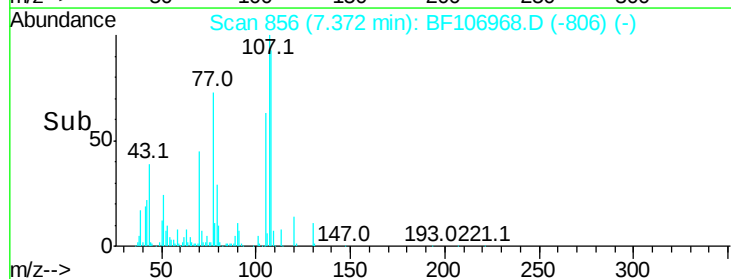
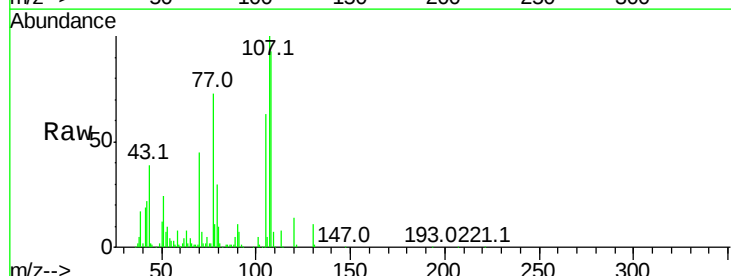
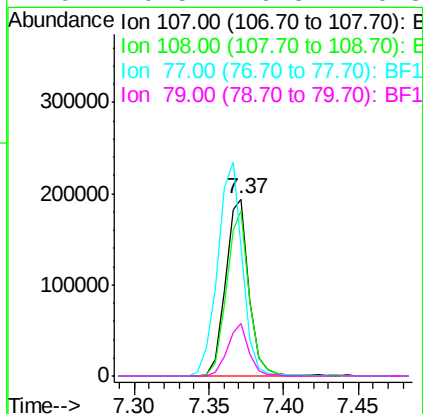
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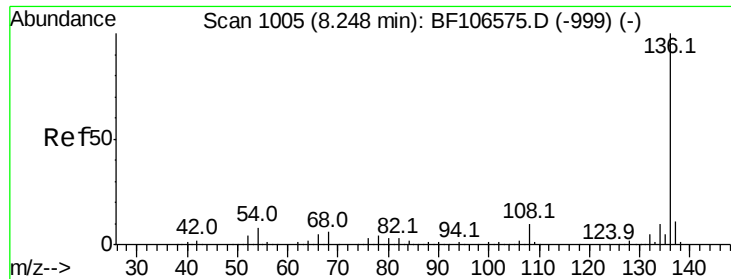
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#20
3+4-Methylphenols
Concen: 50.284 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF106968.D
Acq: 29 Jun 2018 13:06

Tgt Ion	107	Resp	215436
Ion	Ratio	Lower	Upper
107	100		
108	93.4	68.2	108.2
77	73.3	26.7	66.7#
79	29.5	6.3	46.3





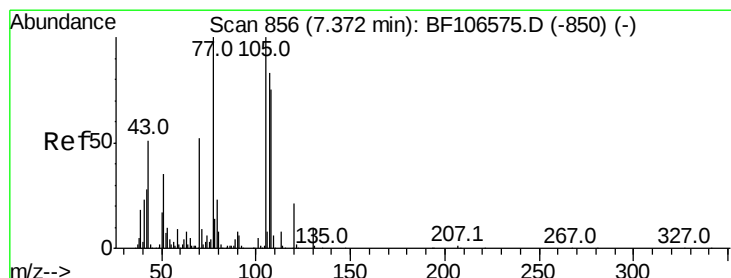
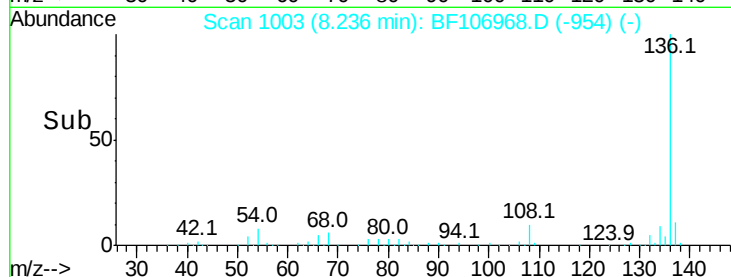
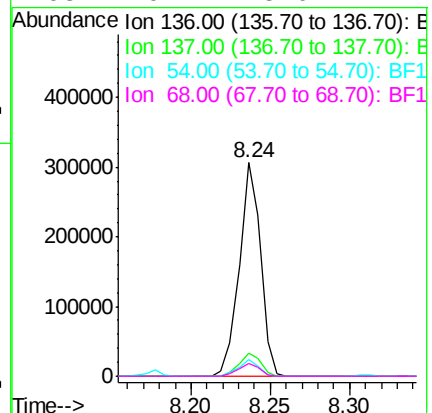
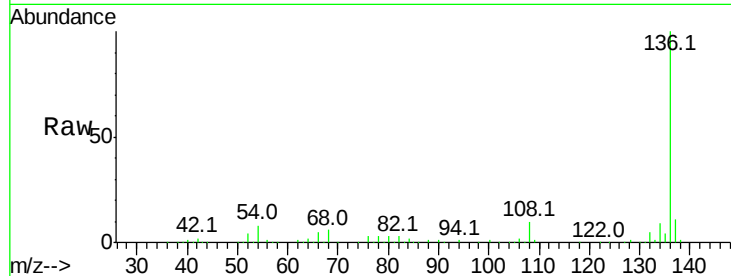
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF106968.D
Acq: 29 Jun 2018 13:06

Instrument :
BNA_F
ClientSampleId :
EME-FW-TS004-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	285093		
137	10.9		8.9	13.3
54	7.9		6.6	9.8
68	6.1		5.0	7.4

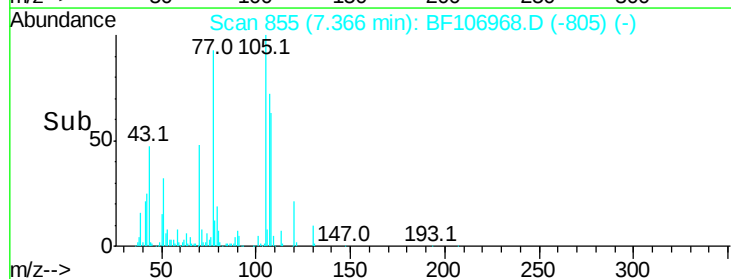
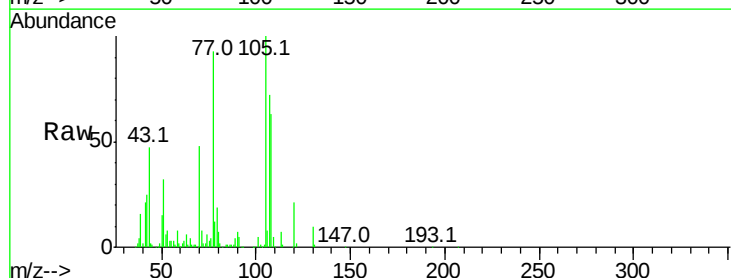
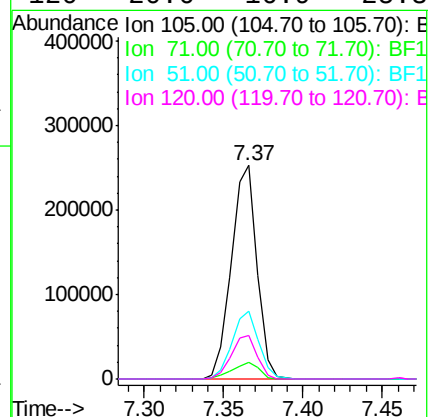
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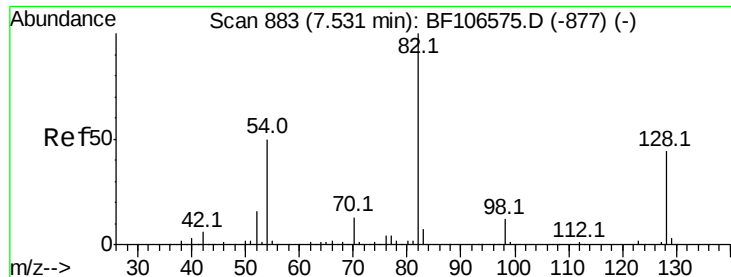
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#22
Acetophenone
Concen: 44.204 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF106968.D
Acq: 29 Jun 2018 13:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	281947		
71	7.9		4.4	6.6#
51	31.9		22.3	33.5
120	20.6		16.9	25.3





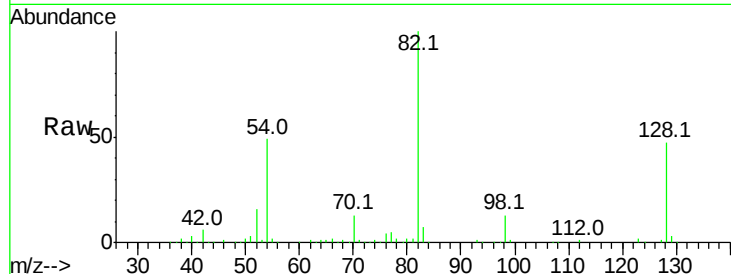
#23
 Nitrobenzene-d5
 Concen: 82.902 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF106968.D
 Acq: 29 Jun 2018 13:06

Instrument :
 BNA_F
 ClientSampleId :
 EME-FW-TS004-01MSD

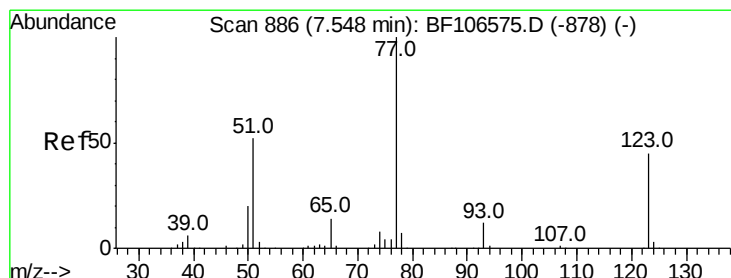
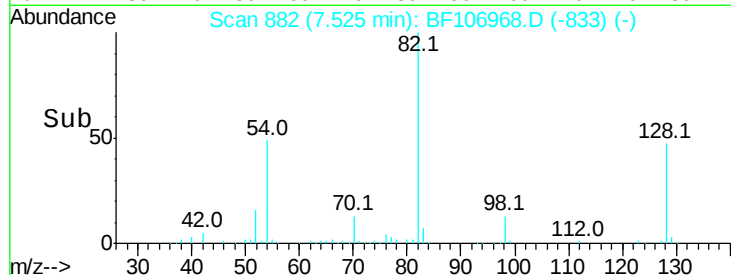
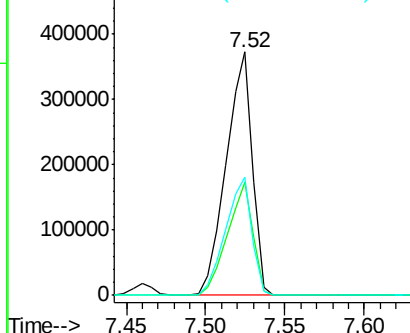
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.1	54.1
54	48.6	41.4	62.2

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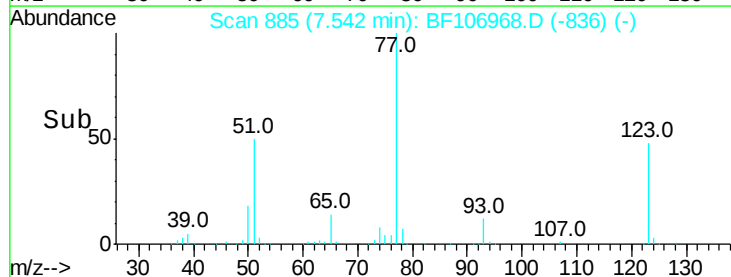
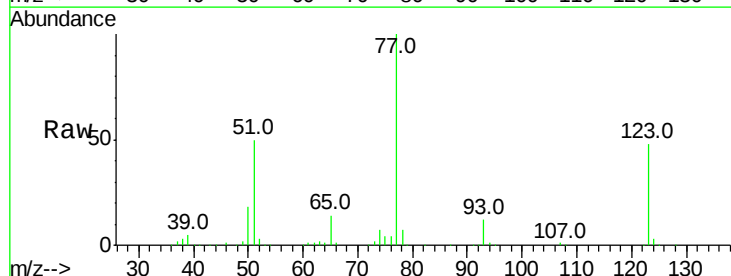
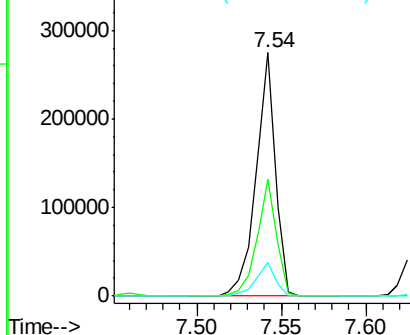
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

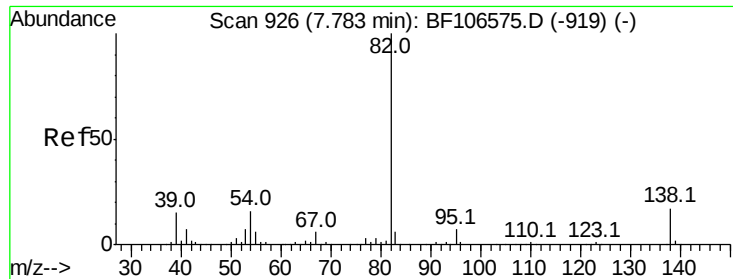


#24
 Nitrobenzene
 Concen: 42.638 ng
 RT: 7.54 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF106968.D
 Acq: 29 Jun 2018 13:06

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.1	37.9	56.9
65	13.6	11.0	16.4

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





#25

Isophorone

Concen: 44.897 ng

RT: 7.78 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF106968.D

Acq: 29 Jun 2018 13:06

Instrument :

BNA_F

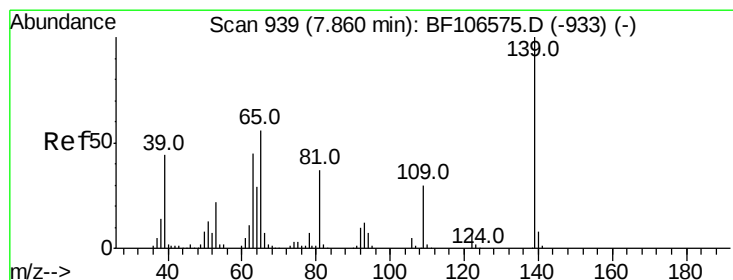
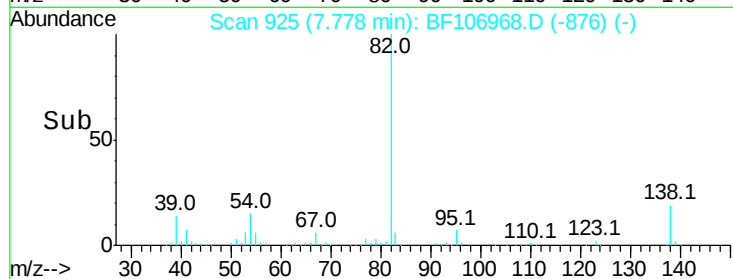
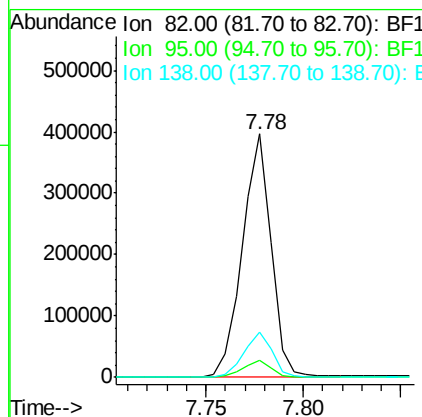
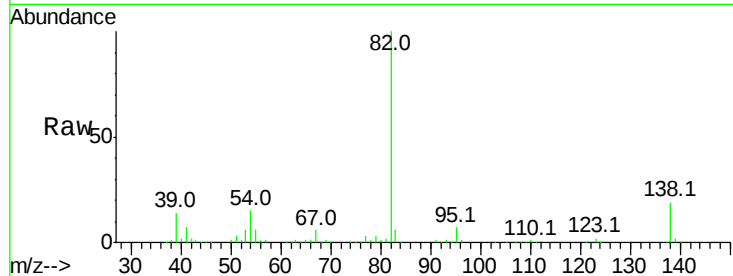
ClientSampleId :

EME-FW-TS004-01MSD

Tot Ion:	82	Resp:	405858
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.2	7.8
138	18.8	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 48.921 ng

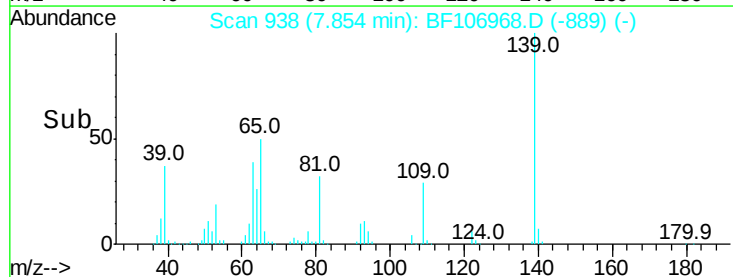
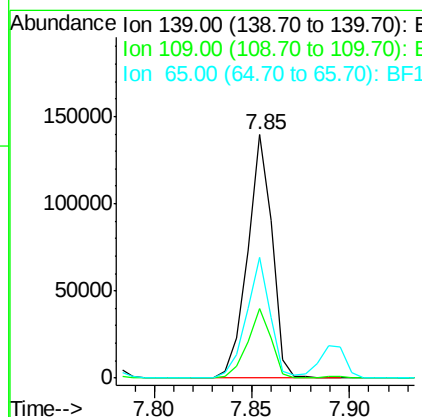
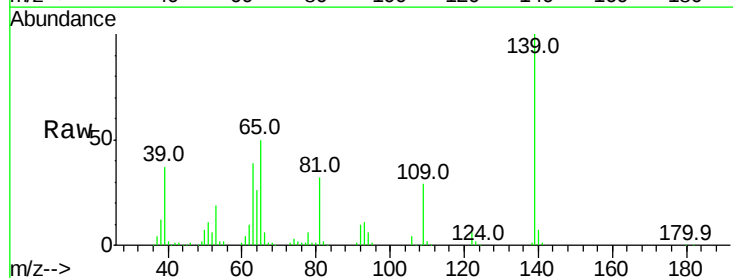
RT: 7.85 min Scan# 938

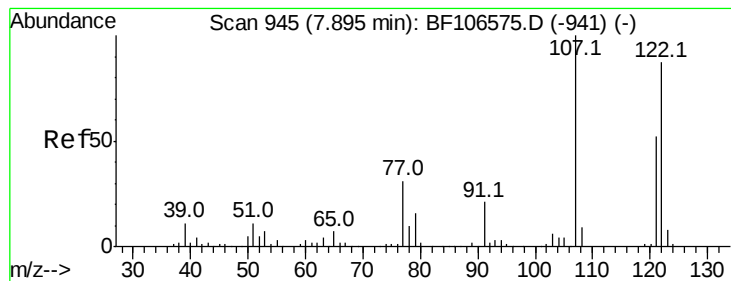
Delta R.T. -0.01 min

Lab File: BF106968.D

Acq: 29 Jun 2018 13:06

Tgt Ion:	139	Resp:	120957
Ion Ratio	Lower	Upper	
139	100		
109	28.7	22.7	34.1
65	49.7	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 50.846 ng

RT: 7.90 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF106968.D

Acq: 29 Jun 2018 13:06

Instrument :

BNA_F

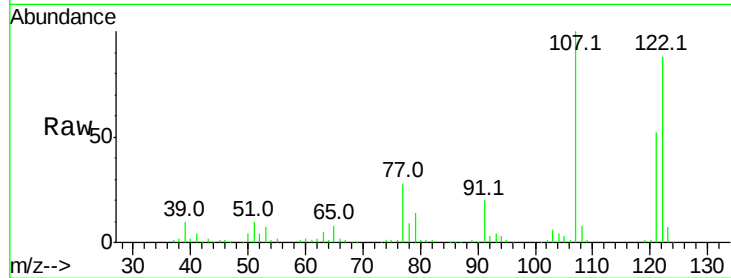
ClientSampleId :

EME-FW-TS004-01MSD

Tot Ion:	122	Resp:	194312
Ion Ratio	Lower	Upper	
122	100		
107	113.4	91.2	136.8
121	59.3	47.2	70.8

Manual Integrations
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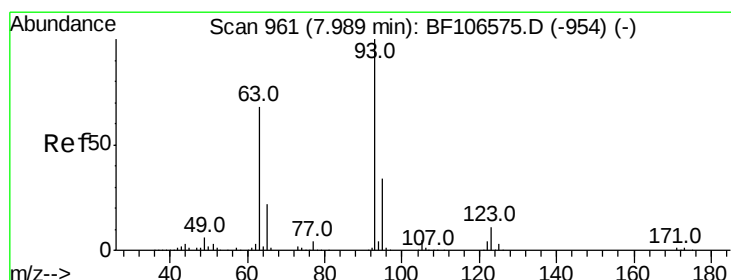
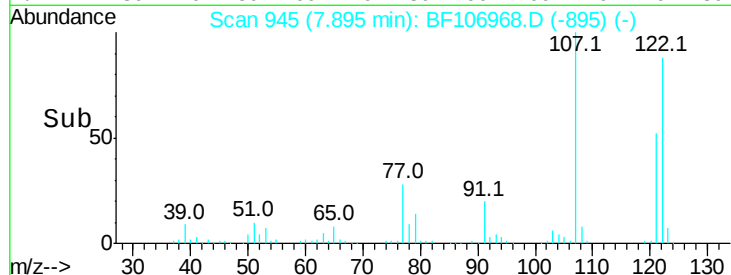
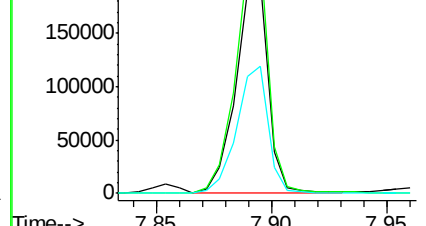
Sohil
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.681 ng

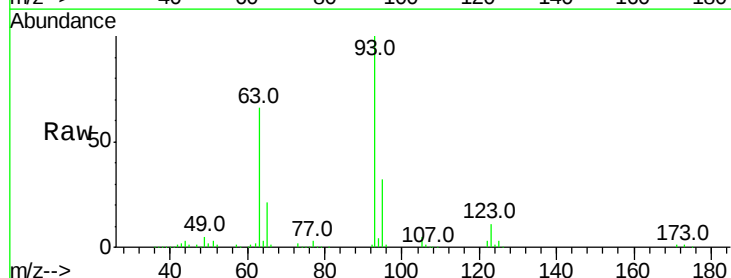
RT: 7.98 min Scan# 959

Delta R.T. -0.01 min

Lab File: BF106968.D

Acq: 29 Jun 2018 13:06

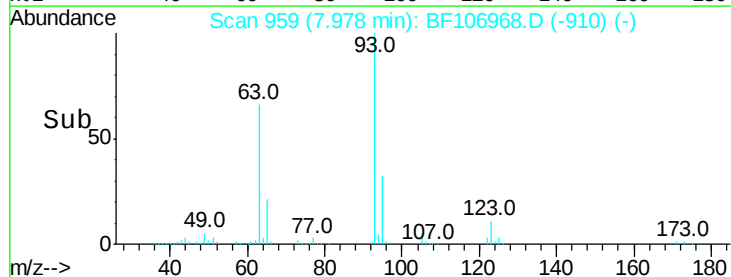
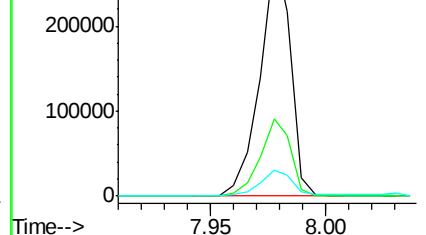
Tgt Ion:	93	Resp:	259054
Ion Ratio	Lower	Upper	
93	100		
95	31.8	26.3	39.5
123	10.8	9.8	14.6

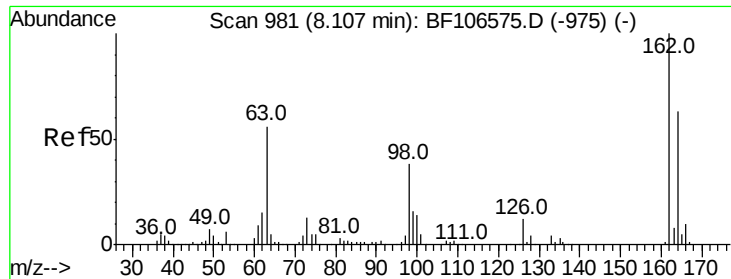


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





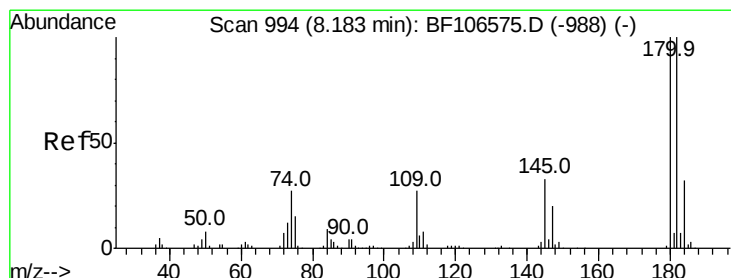
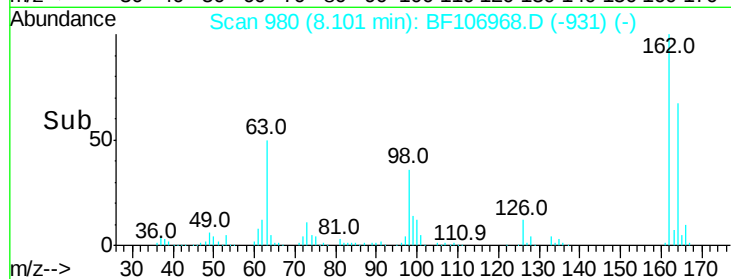
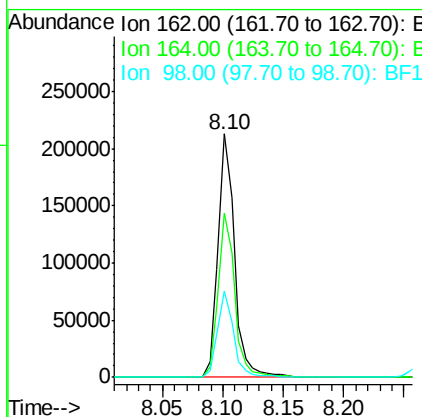
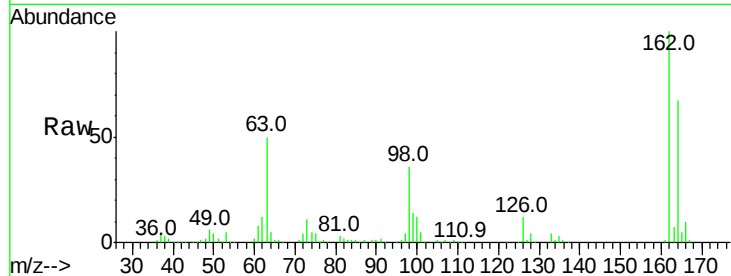
#29
 2,4-Dichlorophenol
 Concen: 49.998 ng
 RT: 8.10 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF106968.D
 Acq: 29 Jun 2018 13:06

Instrument :
 BNA_F
 ClientSampleId :
 EME-FW-TS004-01MSD

Tot Ion:	162	Resp:	200038
Ion Ratio	Lower	Upper	
162	100		
164	67.4	42.7	82.7
98	35.6	18.1	58.1

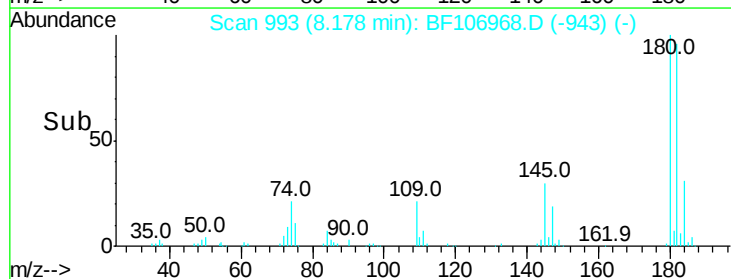
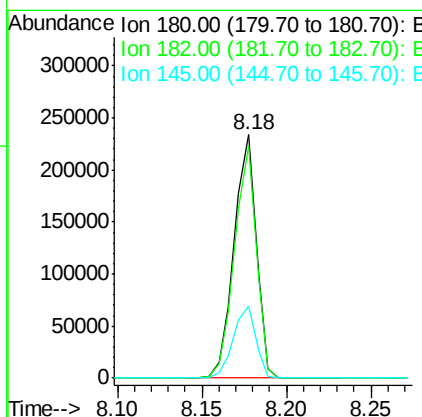
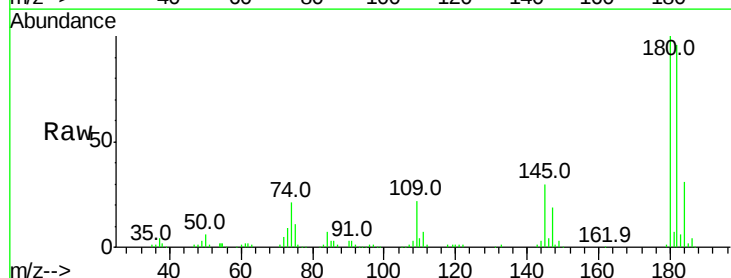
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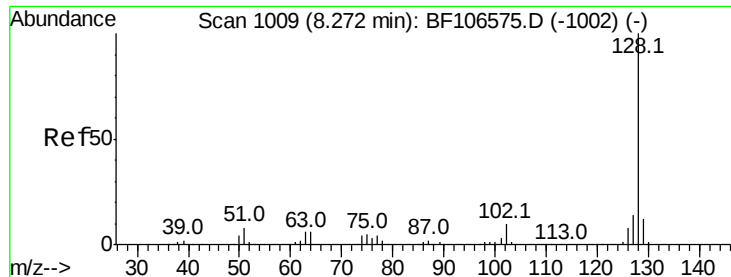
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#30
 1,2,4-Trichlorobenzene
 Concen: 48.496 ng
 RT: 8.18 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BF106968.D
 Acq: 29 Jun 2018 13:06

Tgt Ion:	180	Resp:	213746
Ion Ratio	Lower	Upper	
180	100		
182	95.5	76.8	115.2
145	29.9	26.5	39.7





#31

Naphthalene

Concen: 44.936 ng

RT: 8.26 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF106968.D

Acq: 29 Jun 2018 13:06

Instrument :

BNA_F

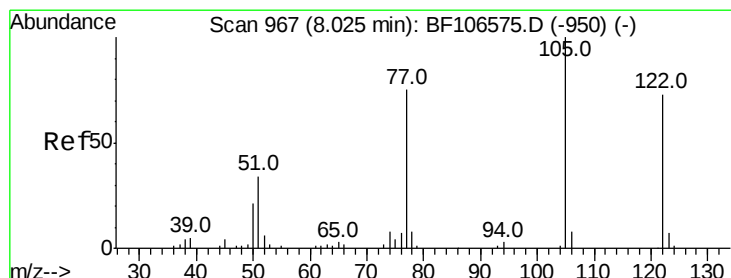
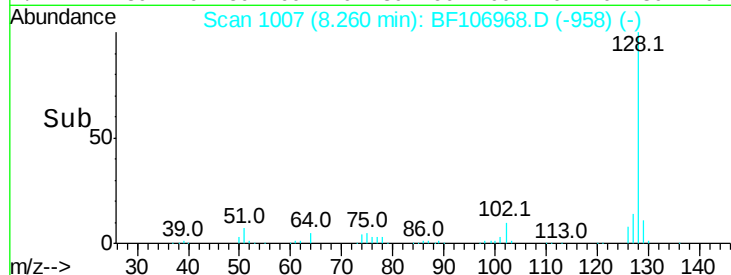
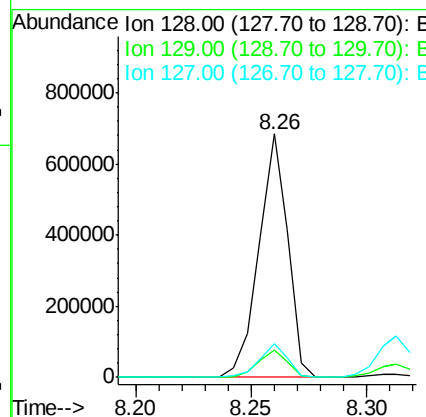
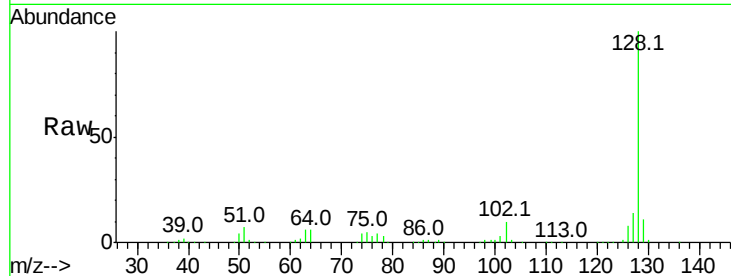
ClientSampleId :

EME-FW-TS004-01MSD

Tot Ion:	128	Resp:	598951
Ion Ratio	Lower	Upper	
128	100		
129	11.3	8.8	13.2
127	13.7	10.9	16.3

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#32

Benzoic acid

Concen: 38.482 ng

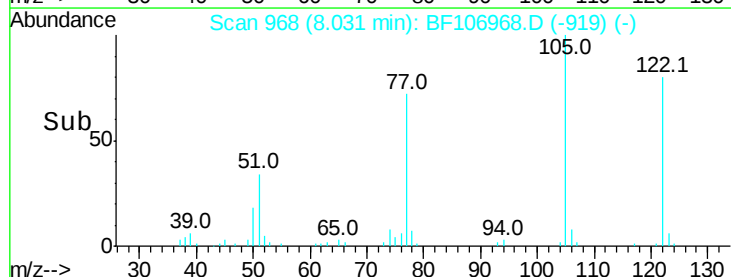
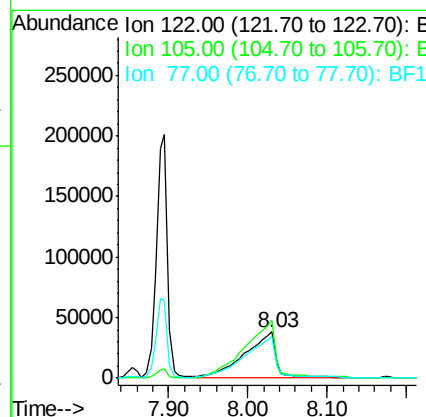
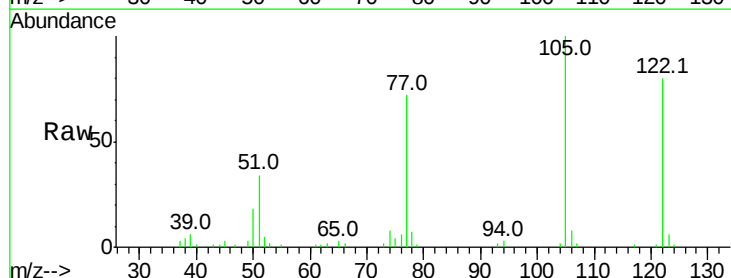
RT: 8.03 min Scan# 968

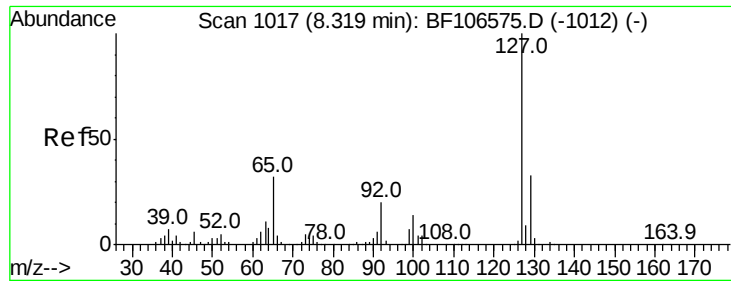
Delta R.T. -0.01 min

Lab File: BF106968.D

Acq: 29 Jun 2018 13:06

Tgt Ion:	122	Resp:	103385
Ion Ratio	Lower	Upper	
122	100		
105	125.5	101.1	141.1
77	90.2	70.7	110.7





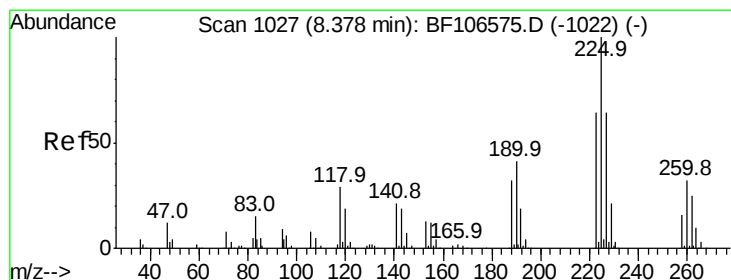
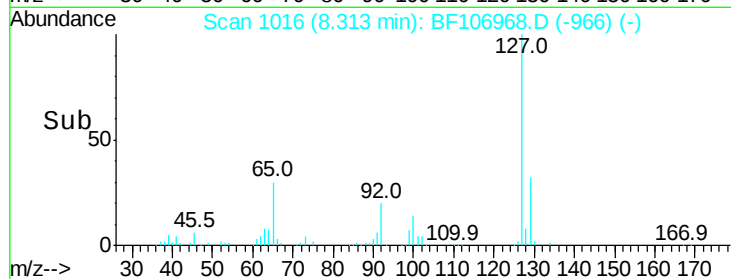
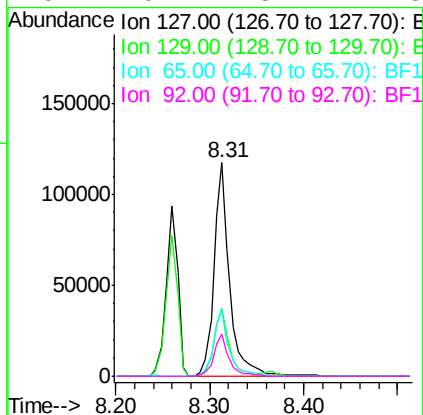
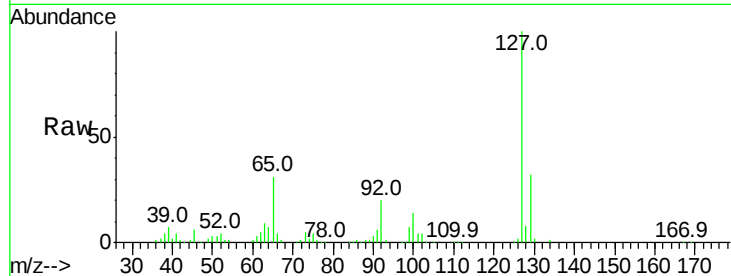
#33
4-Chloroaniline
Concen: 24.650 ng
RT: 8.31 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF106968.D
Acq: 29 Jun 2018 13:06

Instrument :
BNA_F
ClientSampleId :
EME-FW-TS004-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.9	25.9	38.9	
65	30.9	25.0	37.4	
92	19.7	15.2	22.8	

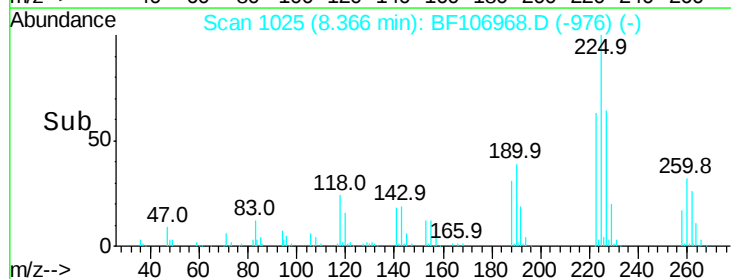
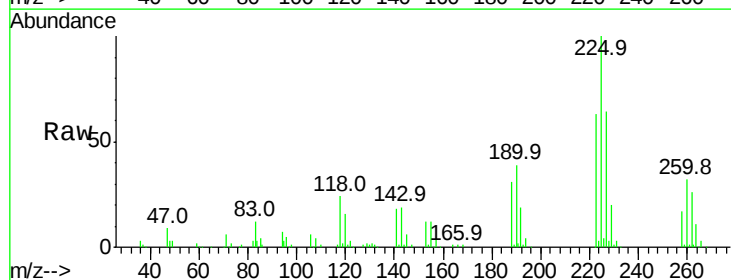
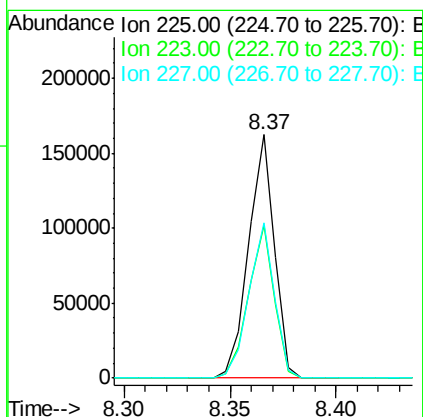
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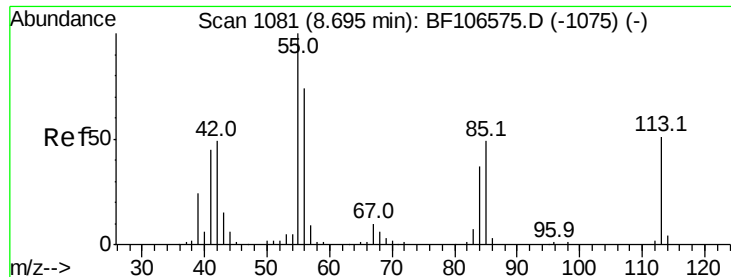
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#34
Hexachlorobutadiene
Concen: 48.112 ng
RT: 8.37 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF106968.D
Acq: 29 Jun 2018 13:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.9	50.6	76.0	
227	64.0	51.9	77.9	





#35

Caprolactam

Concen: 50.611 ng/mL

RT: 8.70 min Scan# 1081

Delta R.T. -0.02 min

Lab File: BF106968.D

Acq: 29 Jun 2018 13:06

Instrument :

BNA_F

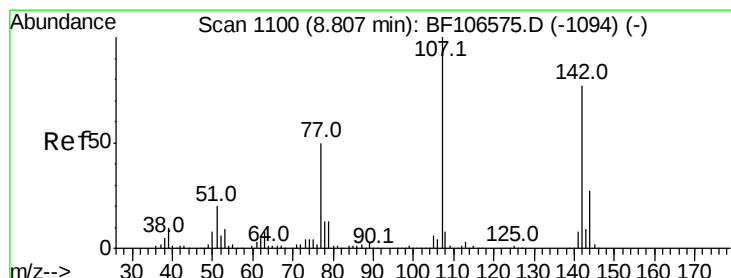
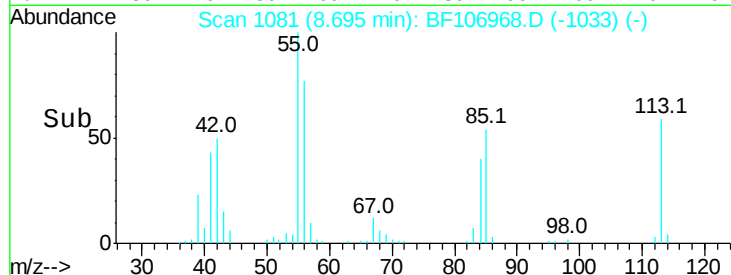
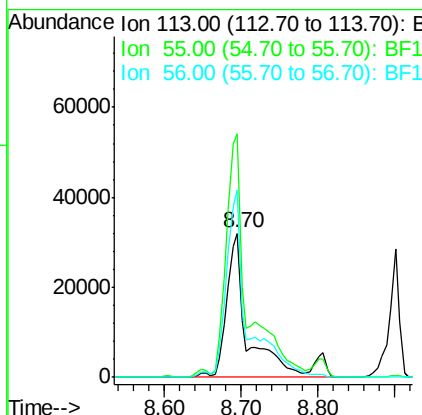
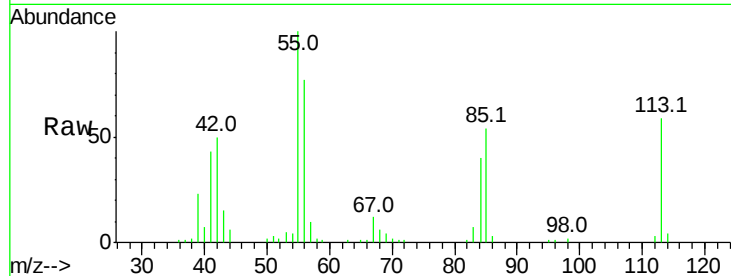
ClientSampleId :

EME-FW-TS004-01MSD

Tot Ion:	113	Resp:	66007
Ion Ratio	Lower	Upper	
113	100		
55	169.2	163.3	203.3
56	130.1	115.7	155.7

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#36

4-Chloro-3-methylphenol

Concen: 47.962 ng/mL

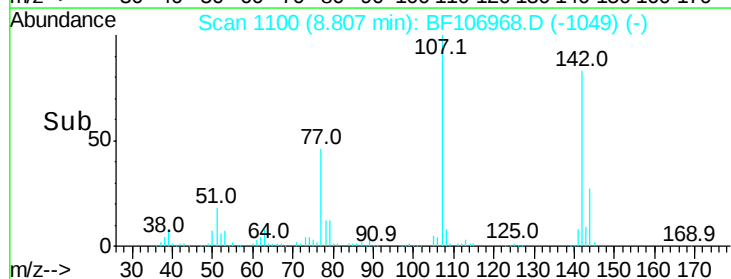
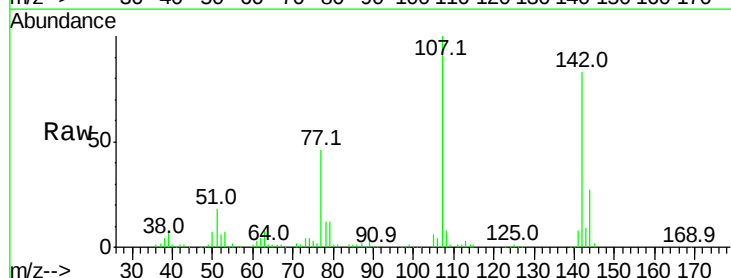
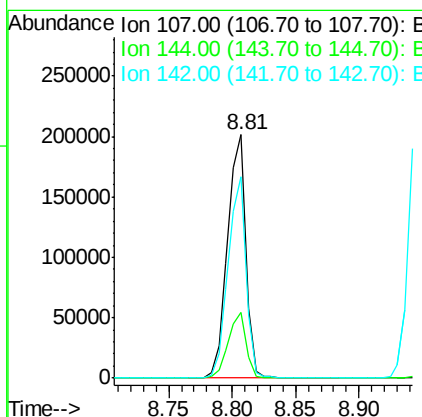
RT: 8.81 min Scan# 1100

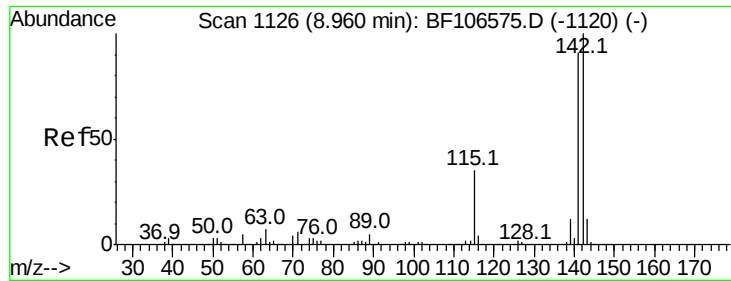
Delta R.T. -0.00 min

Lab File: BF106968.D

Acq: 29 Jun 2018 13:06

Tgt Ion:	107	Resp:	201983
Ion Ratio	Lower	Upper	
107	100		
144	27.2	20.5	30.7
142	82.7	62.0	93.0





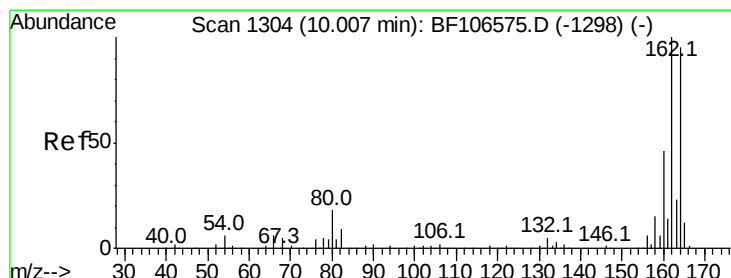
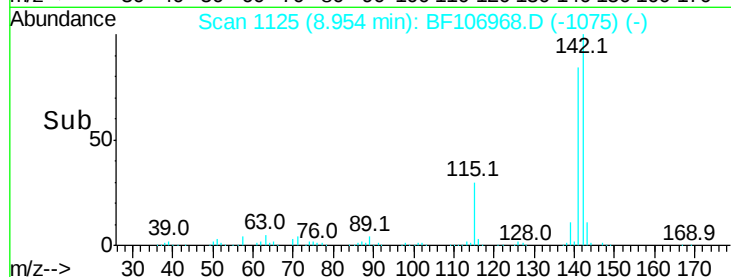
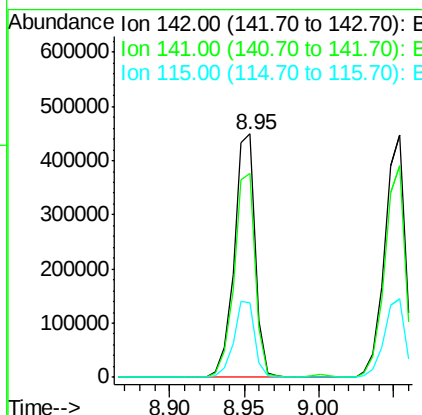
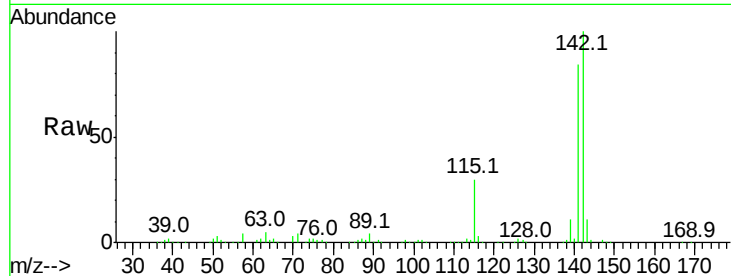
#37
2-Methylnaphthalene
Concen: 50.324 ng
RT: 8.95 min Scan# 1125
Delta R.T. -0.01 min
Lab File: BF106968.D
Acq: 29 Jun 2018 13:06

Instrument :
BNA_F
ClientSampleId :
EME-FW-TS004-01MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	83.6	70.8	106.2
115	30.5	26.1	39.1

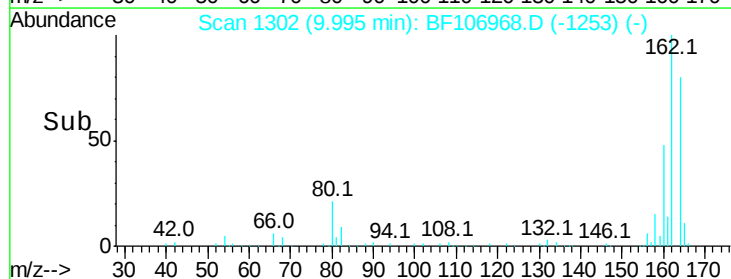
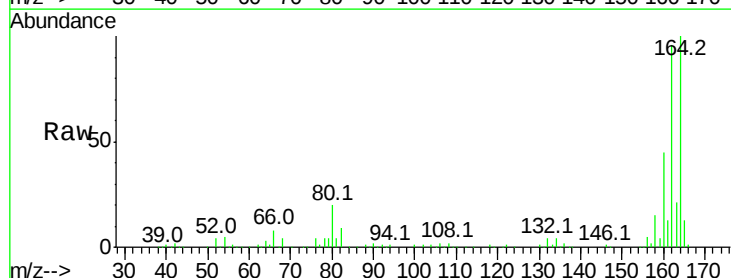
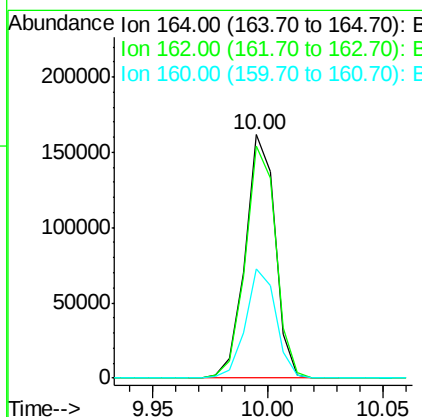
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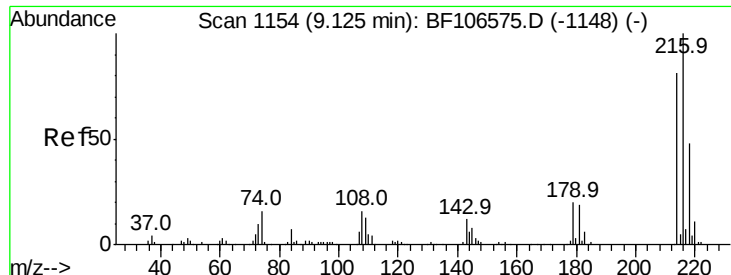
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF106968.D
Acq: 29 Jun 2018 13:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.6	86.1	129.1
160	44.7	38.3	57.5





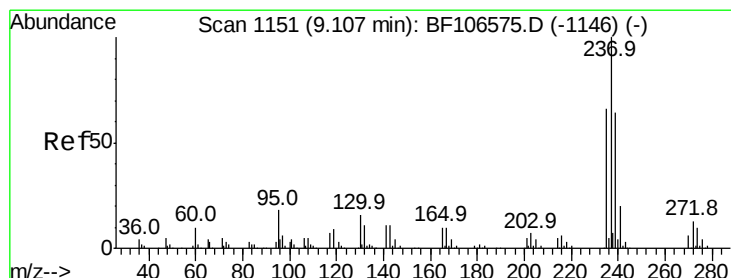
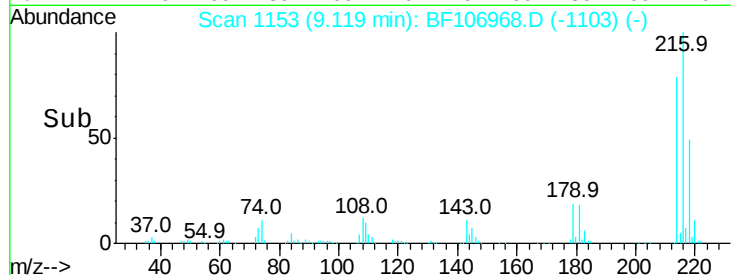
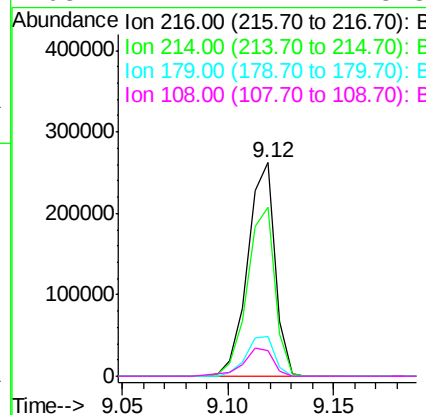
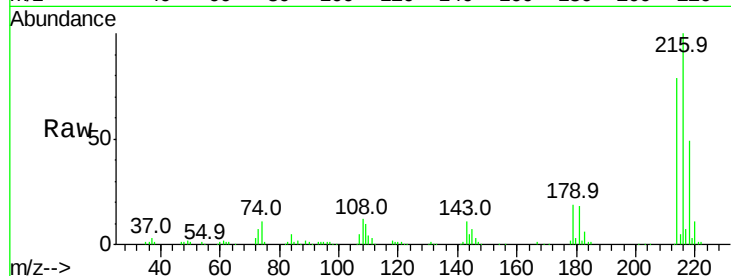
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.711 ng
 RT: 9.12 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF106968.D
 Acq: 29 Jun 2018 13:06

Instrument :
 BNA_F
 ClientSampleId :
 EME-FW-TS004-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	235745		
214	80.0	63.0	94.4	
179	19.5	18.1	27.1	
108	14.7	17.2	25.8	

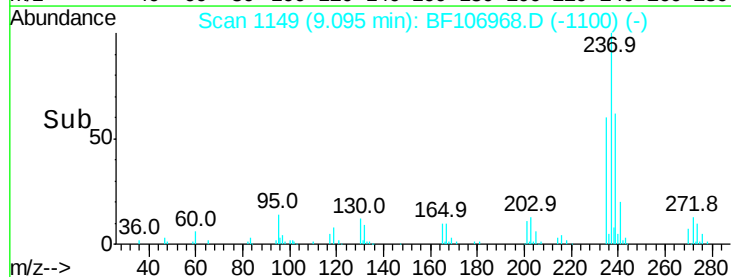
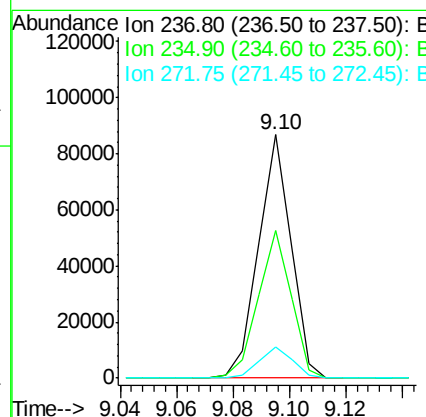
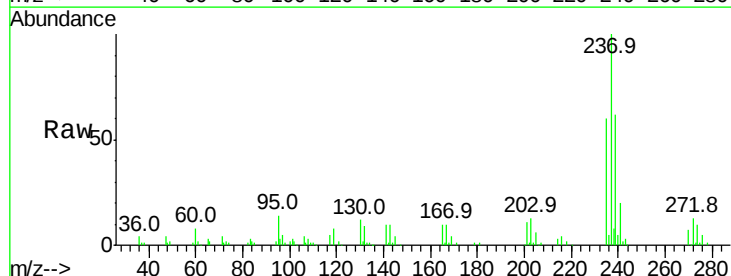
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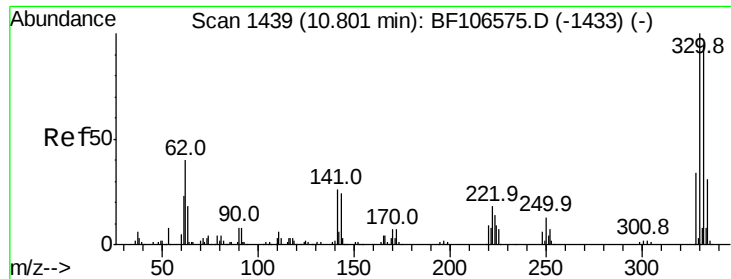
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#40
 Hexachlorocyclopentadiene
 Concen: 27.307 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BF106968.D
 Acq: 29 Jun 2018 13:06

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	69420		
235	60.5	44.8	84.8	
272	12.7	0.0	33.3	





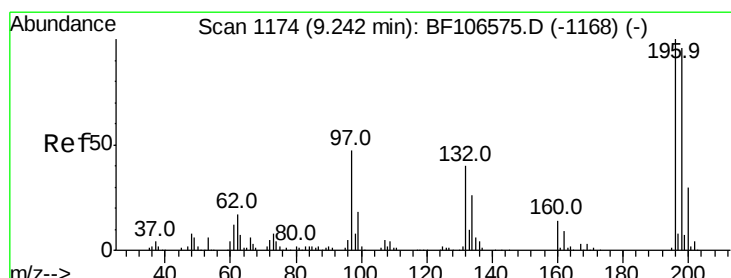
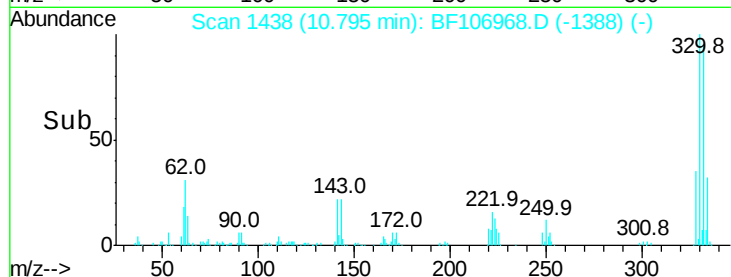
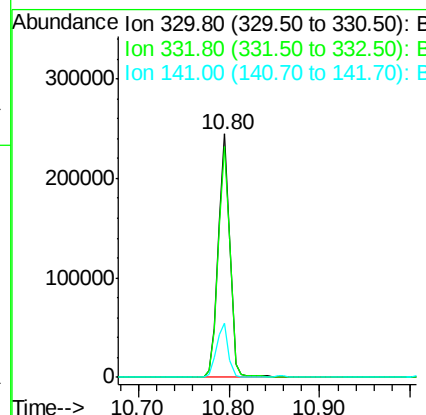
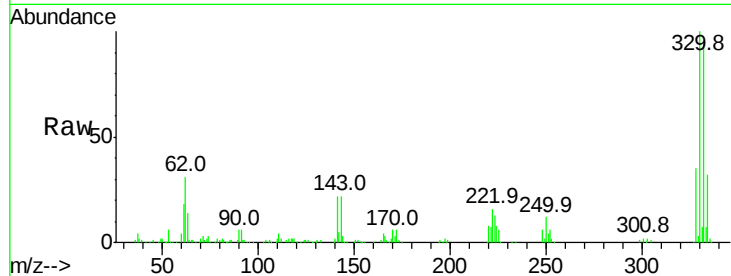
#41
 2,4,6-Tribromophenol
 Concen: 131.247 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106968.D
 Acq: 29 Jun 2018 13:06

Instrument :
 BNA_F
 ClientSampleId :
 EME-FW-TS004-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	223191		
332	95.6	77.0	115.6	
141	22.4	29.9	44.9	

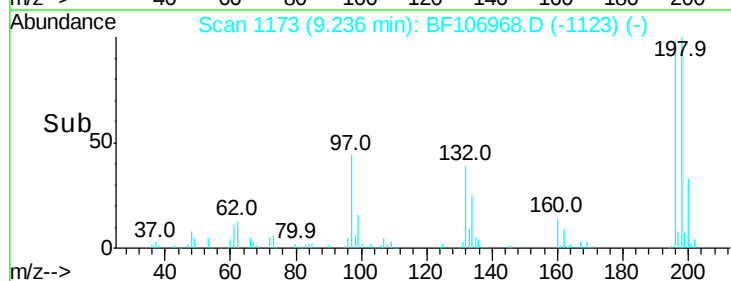
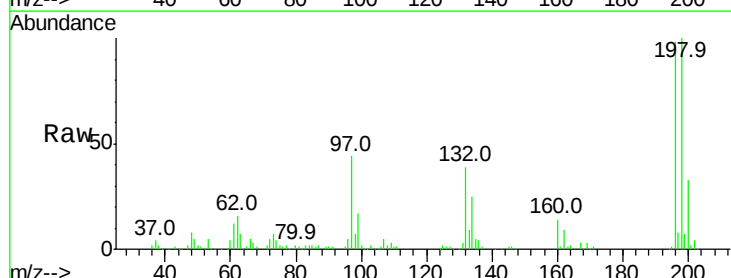
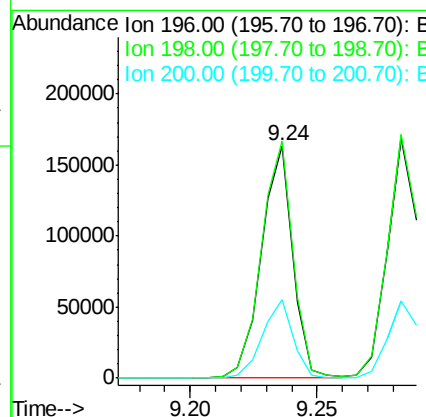
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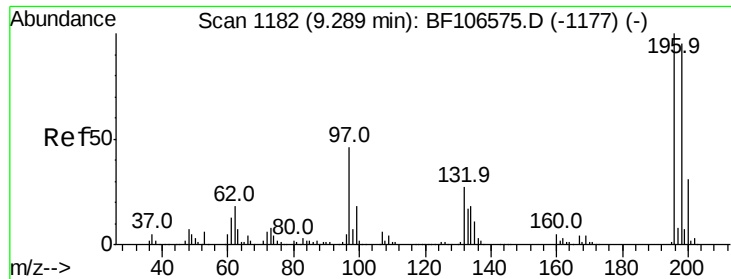
Sohil
 6/30/2018 10:57:55 AM



#42
 2,4,6-Trichlorophenol
 Concen: 43.215 ng
 RT: 9.24 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF106968.D
 Acq: 29 Jun 2018 13:06

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	141937		
198	102.2	75.7	113.5	
200	33.5	24.5	36.7	





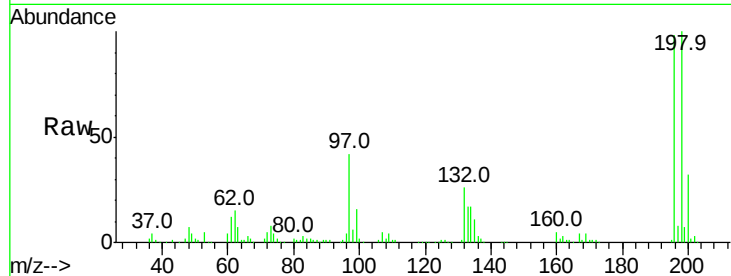
#43
 2,4,5-Trichlorophenol
 Concen: 43.571 ng
 RT: 9.28 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF106968.D
 Acq: 29 Jun 2018 13:06

Instrument :
 BNA_F
 ClientSampleId :
 EME-FW-TS004-01MSD

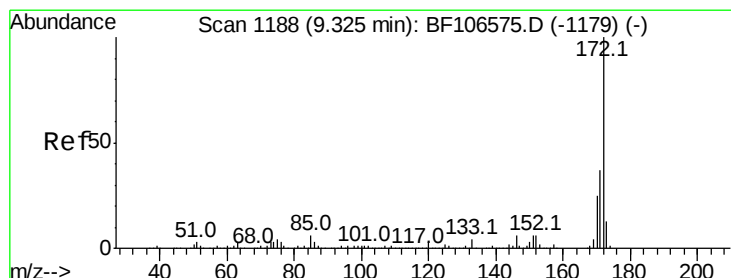
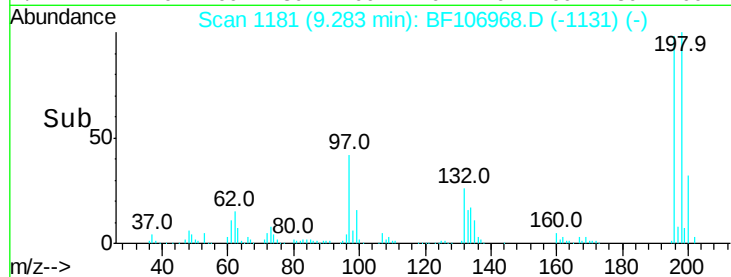
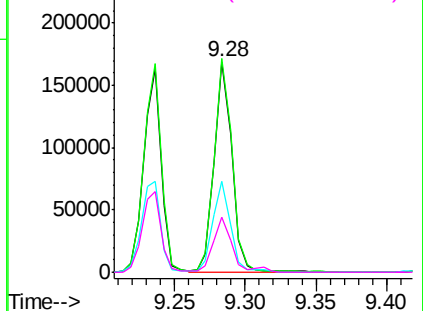
Tot Ion	196	Resp	149328
Ion Ratio	Lower	Upper	
196	100		
198	101.7	74.6	112.0
97	43.1	42.9	64.3
132	26.3	26.3	39.5

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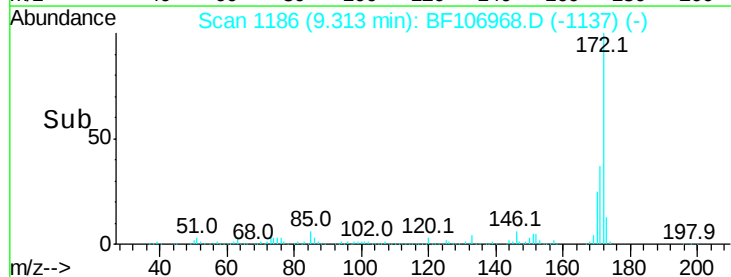
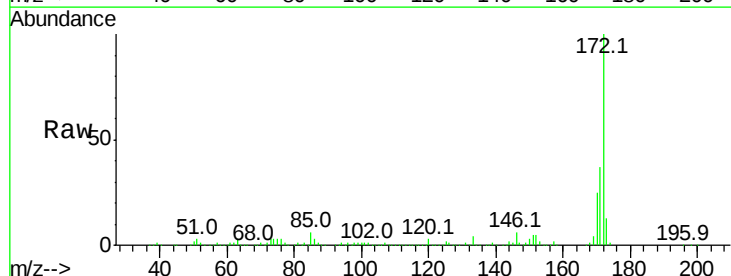
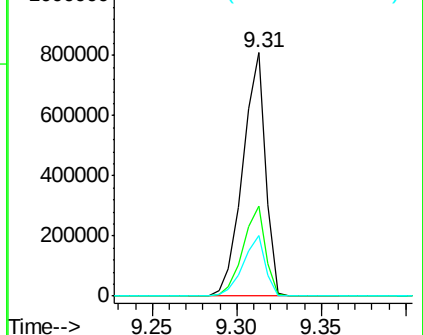
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

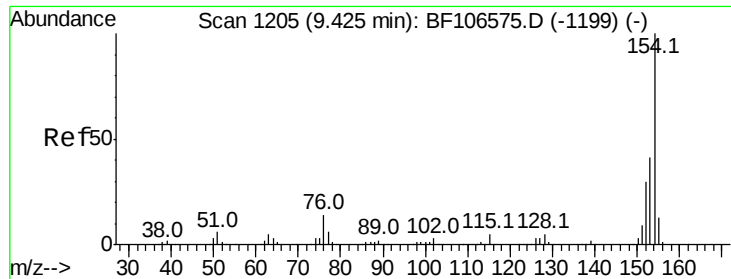


#44
 2-Fluorobiphenyl
 Concen: 88.176 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106968.D
 Acq: 29 Jun 2018 13:06

Tgt Ion	172	Resp	759556
Ion Ratio	Lower	Upper	
172	100		
171	36.7	29.7	44.5
170	24.6	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





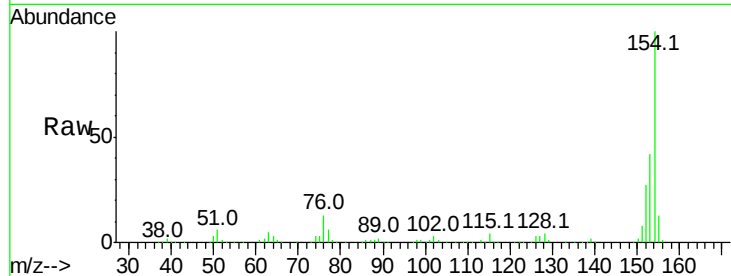
#45
 1,1'-Biphenyl
 Concen: 45.584 ng
 RT: 9.41 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF106968.D
 Acq: 29 Jun 2018 13:06

Instrument :
 BNA_F
 ClientSampleId :
 EME-FW-TS004-01MSD

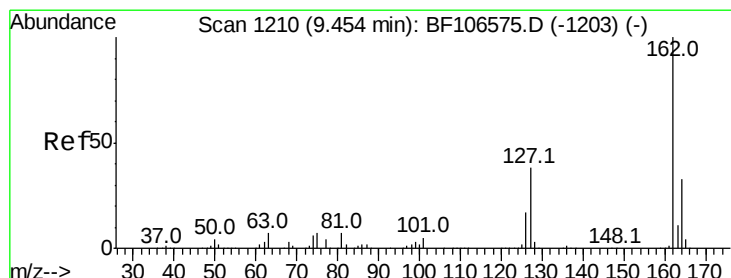
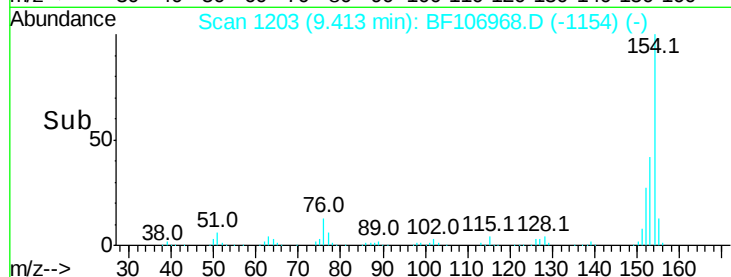
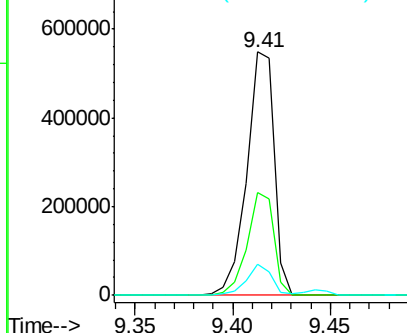
Tot Ion	Ratio	Lower	Upper
154	100		
153	42.4	21.3	61.3
76	12.6	0.0	34.0

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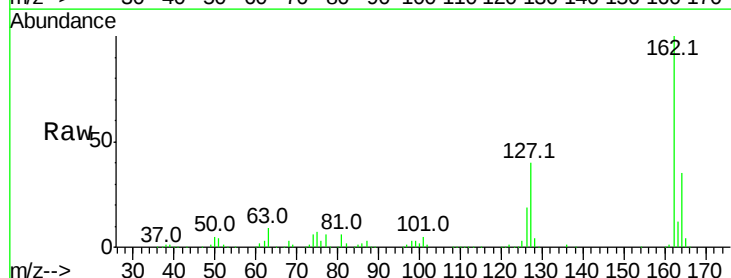


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

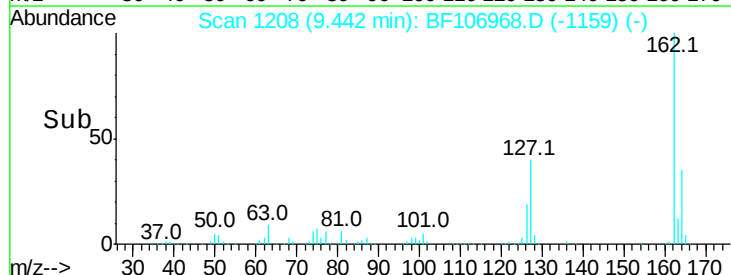
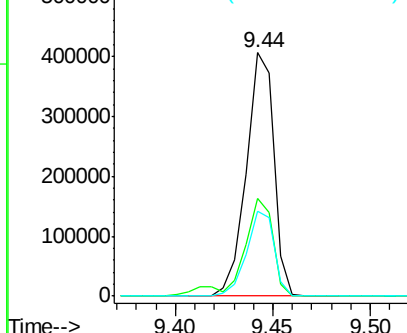


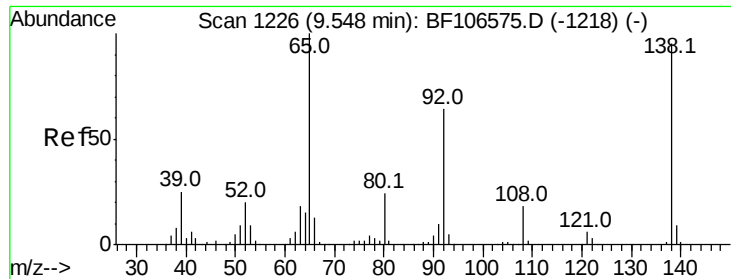
#46
 2-Chloronaphthalene
 Concen: 43.251 ng
 RT: 9.44 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF106968.D
 Acq: 29 Jun 2018 13:06

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.2	33.9	50.9
164	34.7	26.5	39.7



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





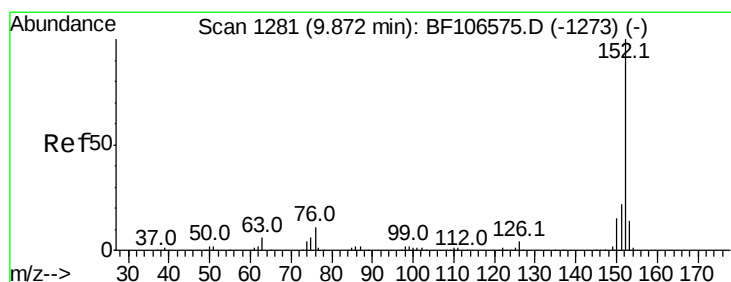
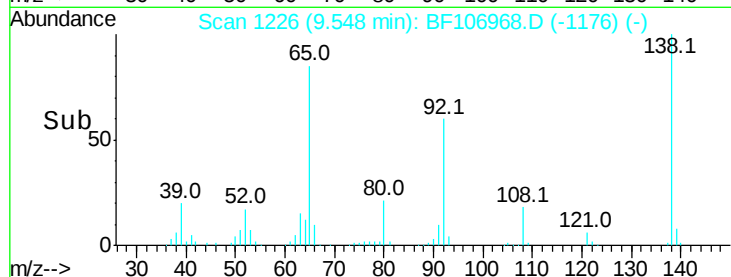
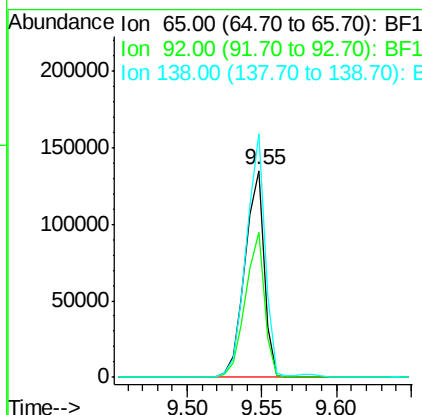
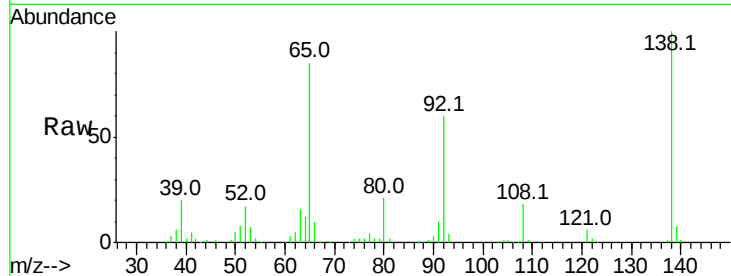
#47
2-Nitroaniline
Concen: 39.299 ng
RT: 9.55 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF106968.D
Acq: 29 Jun 2018 13:06

Instrument :
BNA_F
ClientSampleId :
EME-FW-TS004-01MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.5	55.8	83.6
138	117.8	91.2	136.8

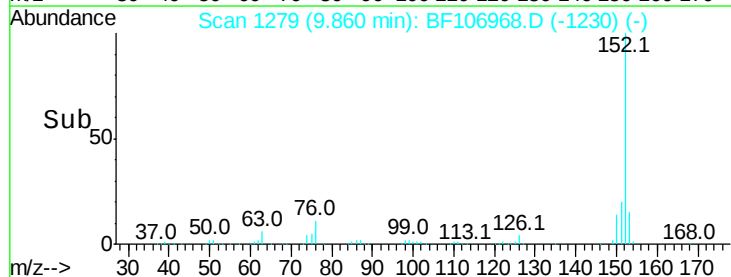
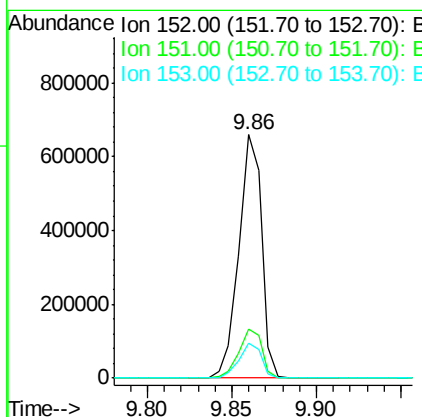
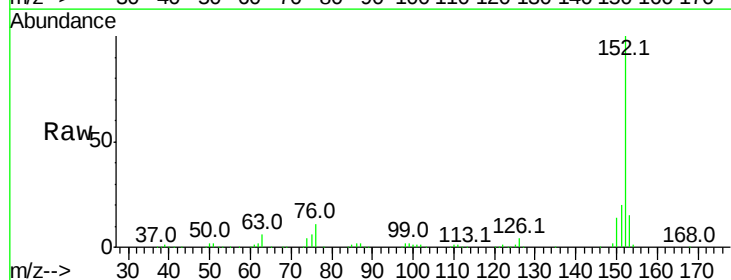
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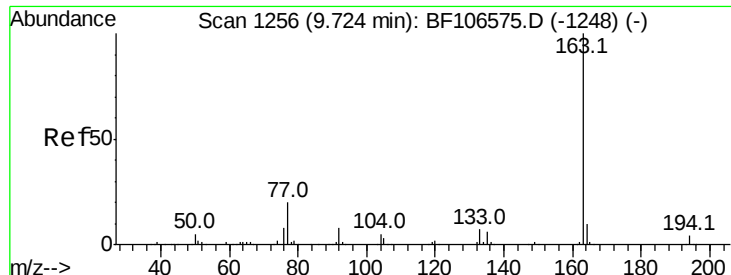
Sohil
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#48
Acenaphthylene
Concen: 42.596 ng
RT: 9.86 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF106968.D
Acq: 29 Jun 2018 13:06

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5
153	14.6	10.7	16.1





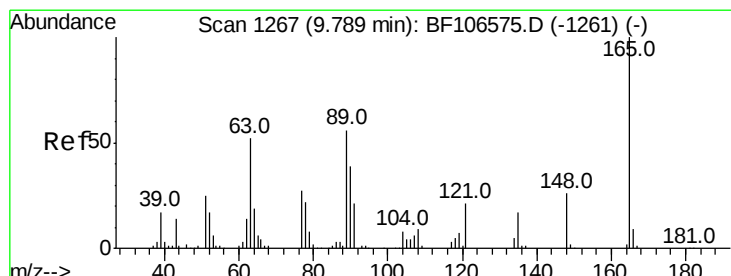
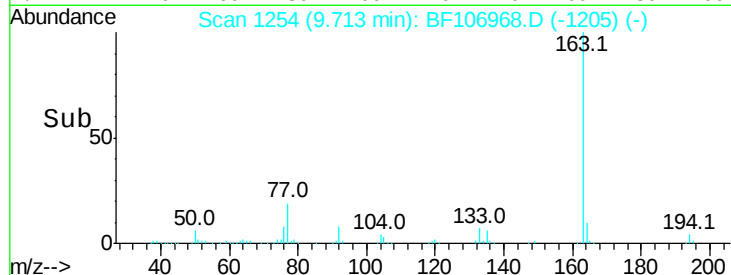
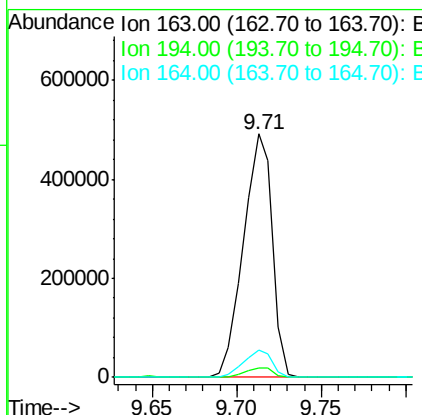
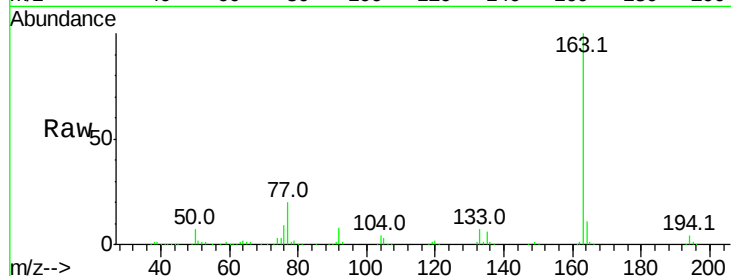
#49
Dimethylphthalate
Concen: 53.354 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF106968.D
Acq: 29 Jun 2018 13:06

Instrument :
BNA_F
ClientSampleId :
EME-FW-TS004-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	587118		
194	4.0		2.7	4.1
164	11.2		8.2	12.2

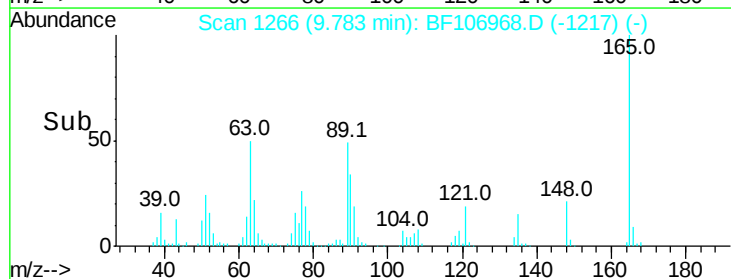
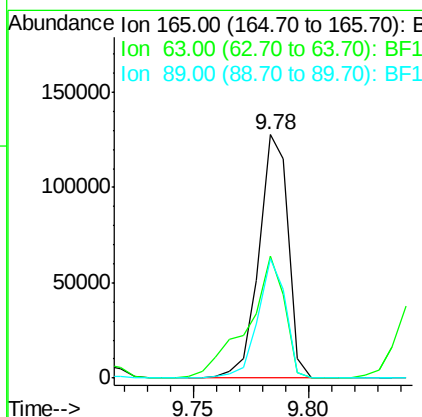
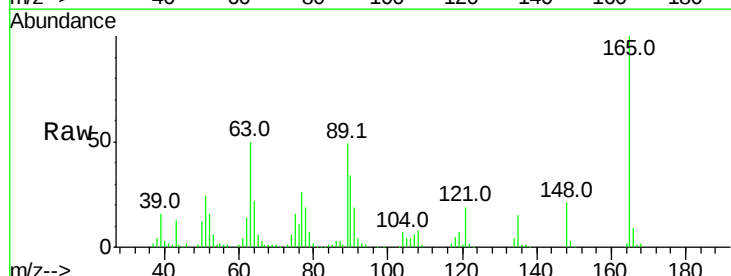
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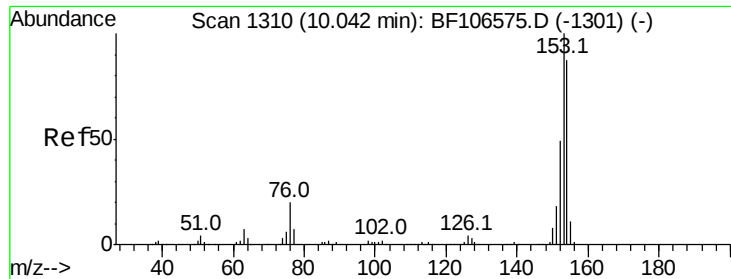
Sohil
6/30/2018 10:57:55 AM



#50
2,6-Dinitrotoluene
Concen: 48.501 ng
RT: 9.78 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BF106968.D
Acq: 29 Jun 2018 13:06

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	113016		
63	50.2		44.7	67.1
89	49.2		44.0	66.0





#51

Acenaphthene

Concen: 40.562 ng

RT: 10.03 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF106968.D

Acq: 29 Jun 2018 13:06

Instrument :

BNA_F

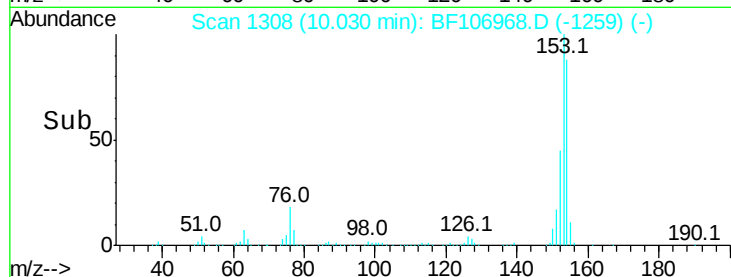
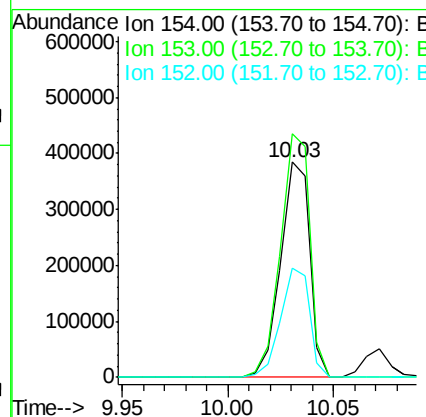
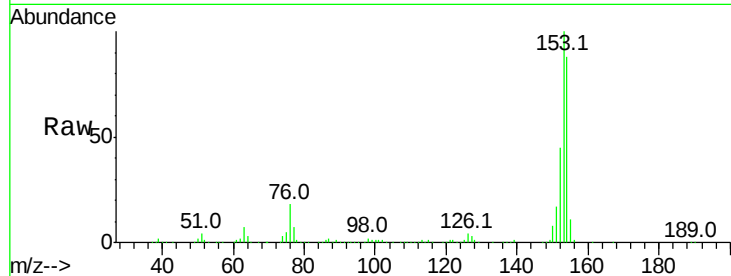
ClientSampleId :

EME-FW-TS004-01MSD

Tot Ion:	154	Resp:	371165
Ion Ratio	Lower	Upper	
154	100		
153	113.2	91.2	136.8
152	50.7	43.8	65.8

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#52

3-Nitroaniline

Concen: 29.746 ng

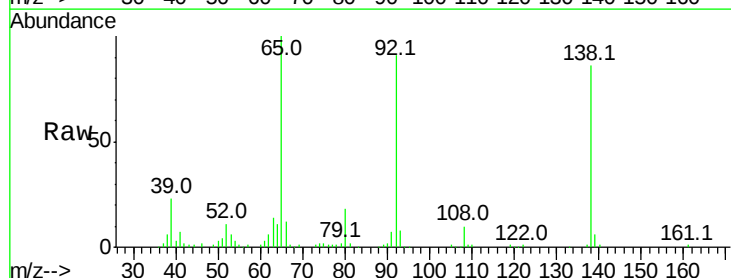
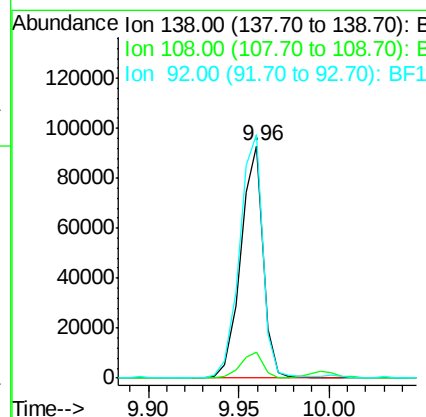
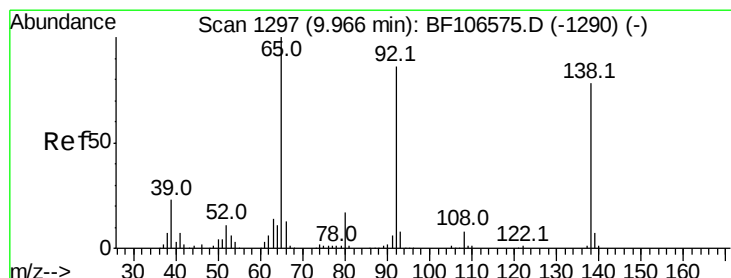
RT: 9.96 min Scan# 1296

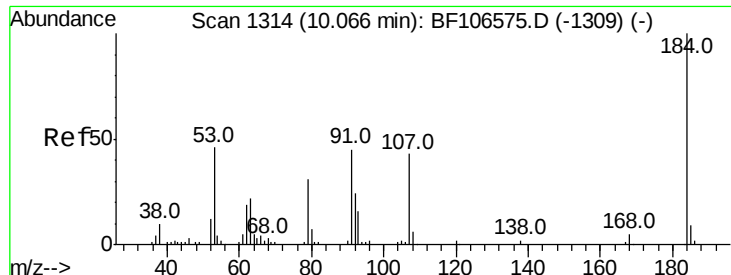
Delta R.T. -0.01 min

Lab File: BF106968.D

Acq: 29 Jun 2018 13:06

Tgt Ion:	138	Resp:	79762
Ion Ratio	Lower	Upper	
138	100		
108	11.1	9.4	14.0
92	104.8	89.4	134.2





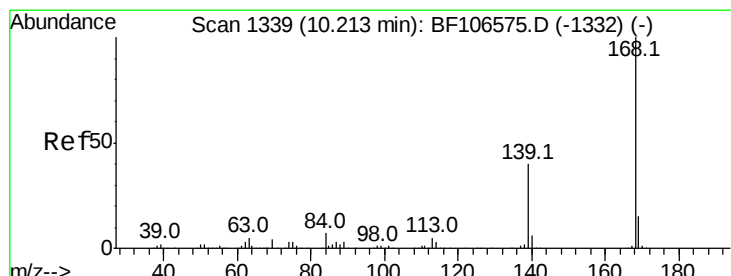
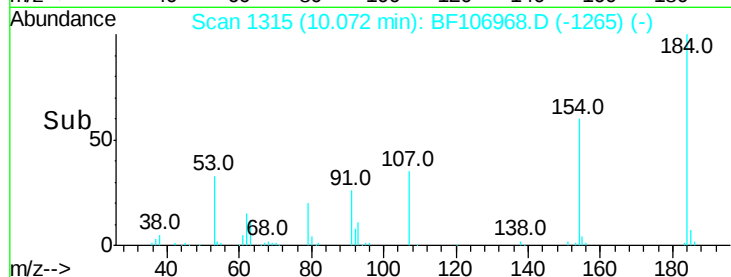
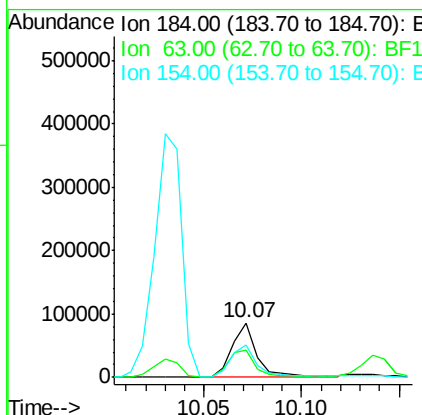
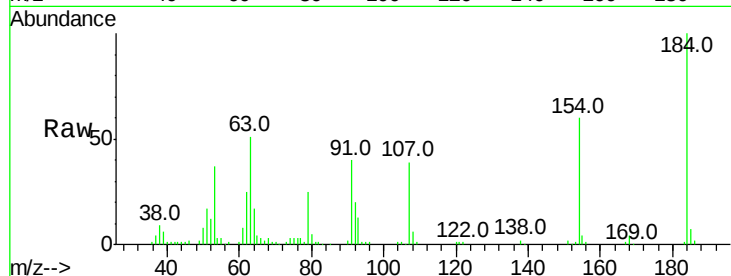
#53
 2,4-Dinitrophenol
 Concen: 65.674 ng
 RT: 10.07 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF106968.D
 Acq: 29 Jun 2018 13:06

Instrument :
 BNA_F
 ClientSampleId :
 EME-FW-TS004-01MSD

Tot Ion:184 Resp: 78322
 Ion Ratio Lower Upper
 184 100
 63 50.8 54.2 81.2#
 154 60.1 184.0 276.0#

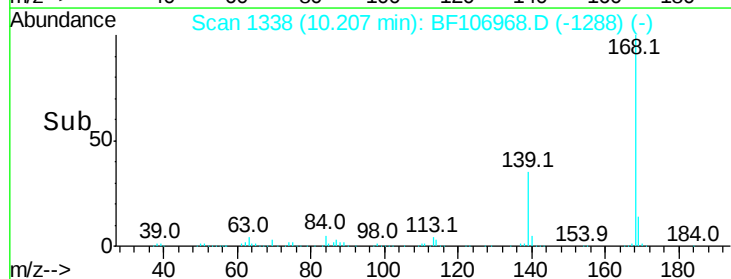
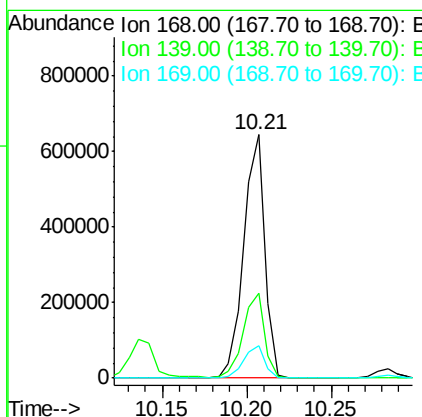
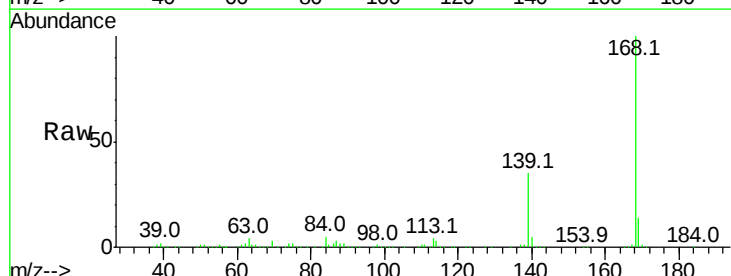
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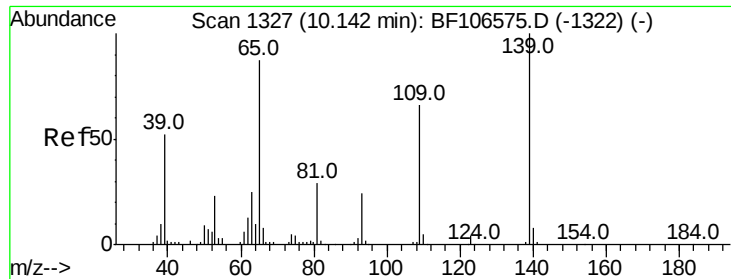
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#54
 Dibenzofuran
 Concen: 45.076 ng
 RT: 10.21 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF106968.D
 Acq: 29 Jun 2018 13:06

Tgt Ion:168 Resp: 564804
 Ion Ratio Lower Upper
 168 100
 139 34.7 30.1 45.1
 169 13.5 10.9 16.3





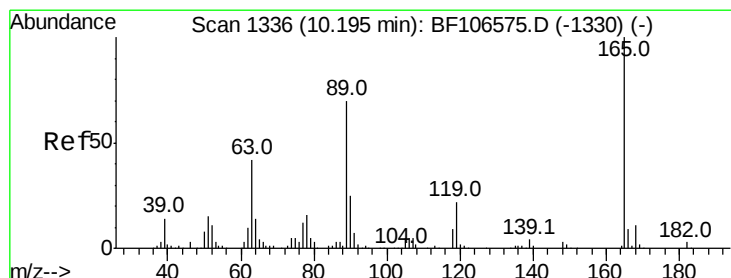
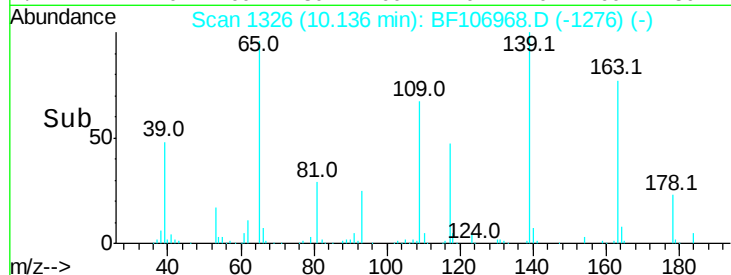
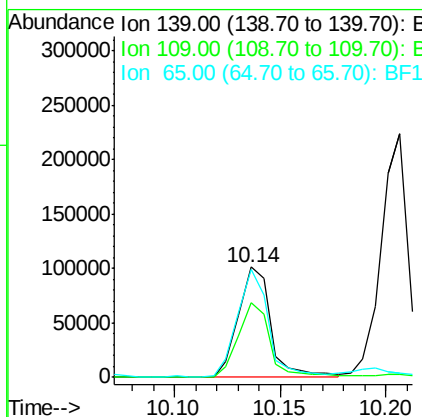
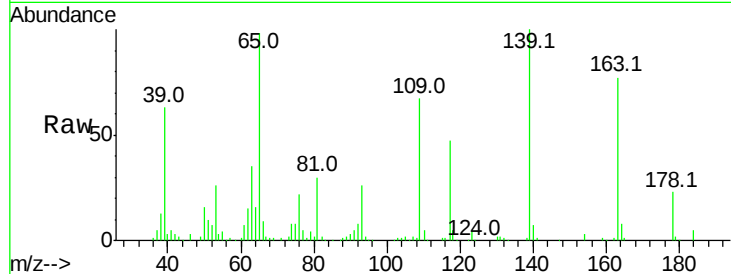
#55
4-Nitrophenol
Concen: 58.241 ng
RT: 10.14 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF106968.D
Acq: 29 Jun 2018 13:06

Instrument :
BNA_F
ClientSampleId :
EME-FW-TS004-01MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	67.2	48.4	88.4
65	98.2	72.6	112.6

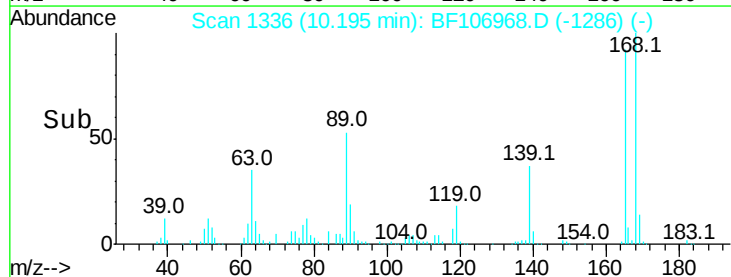
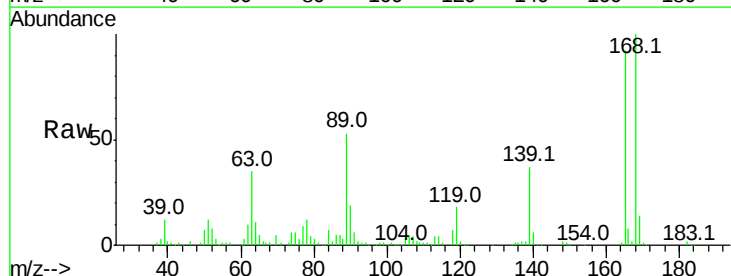
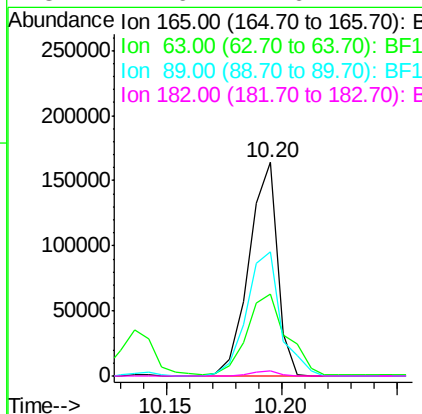
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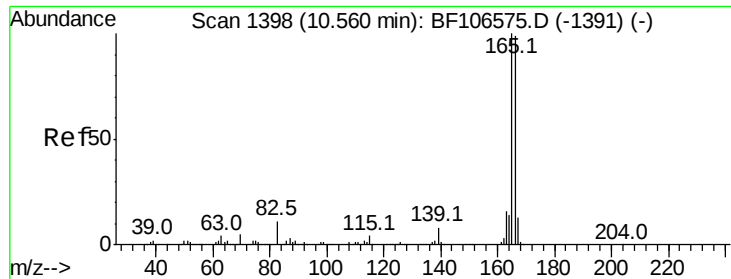
Sohil
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#56
2,4-Dinitrotoluene
Concen: 46.878 ng
RT: 10.20 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF106968.D
Acq: 29 Jun 2018 13:06

Tgt Ion	Ratio	Lower	Upper
165	100		
63	38.1	36.4	54.6
89	57.9	57.8	86.6
182	2.6	1.6	2.4#





#57

Fluorene

Concen: 44.798 ng

RT: 10.55 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BF106968.D

Acq: 29 Jun 2018 13:06

Instrument :

BNA_F

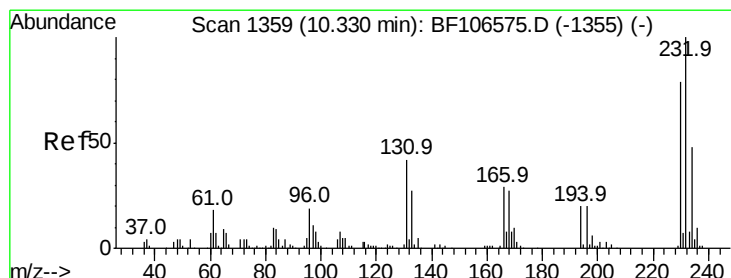
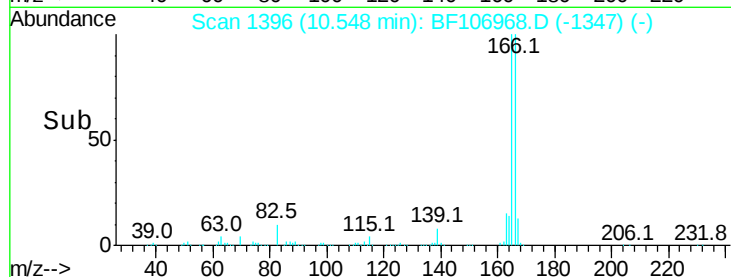
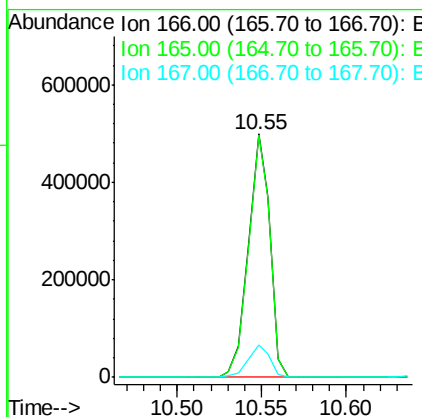
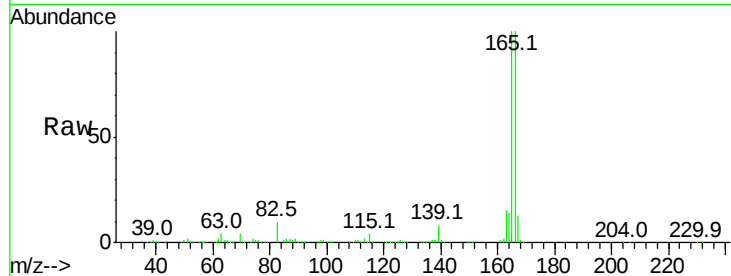
ClientSampleId :

EME-FW-TS004-01MSD

Tot Ion:	166	Resp:	445425
Ion Ratio	Lower	Upper	
166	100		
165	99.6	79.8	119.8
167	13.4	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 47.888 ng

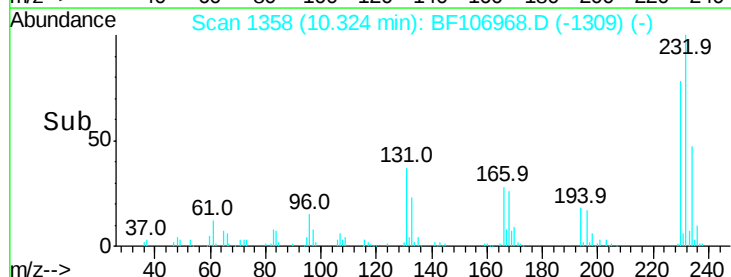
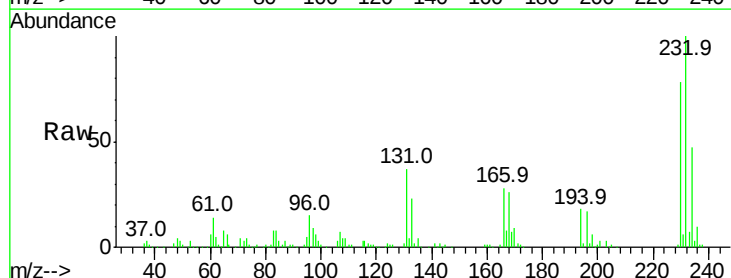
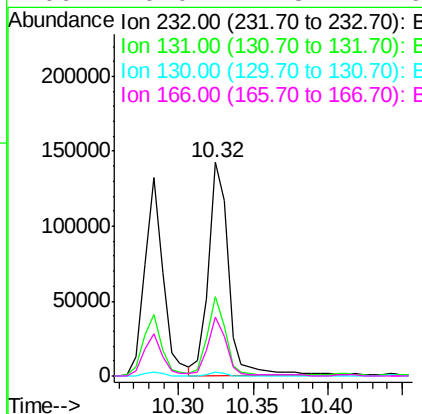
RT: 10.32 min Scan# 1358

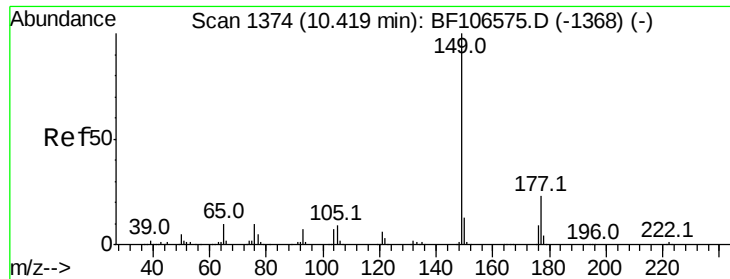
Delta R.T. -0.01 min

Lab File: BF106968.D

Acq: 29 Jun 2018 13:06

Tgt Ion:	232	Resp:	130463
Ion Ratio	Lower	Upper	
232	100		
131	33.7	43.8	65.8#
130	1.5	2.1	3.1#
166	26.0	27.8	41.6#





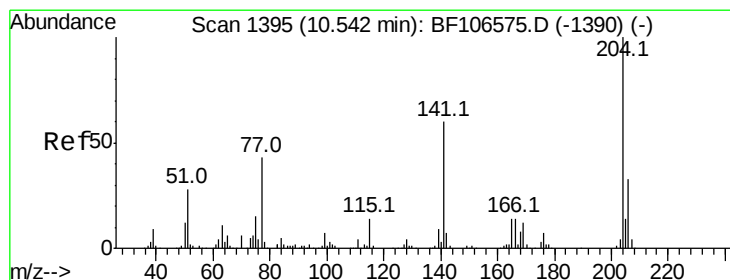
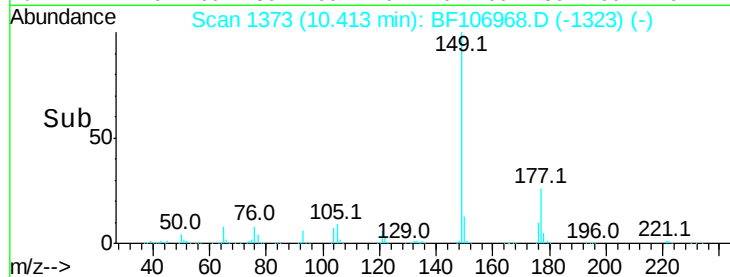
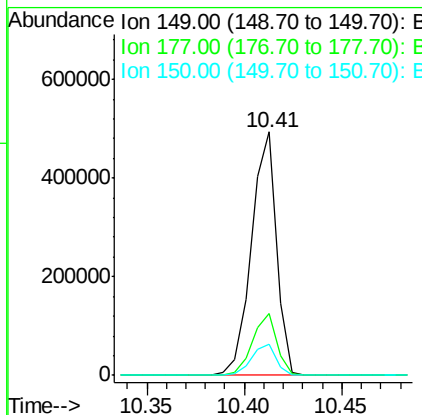
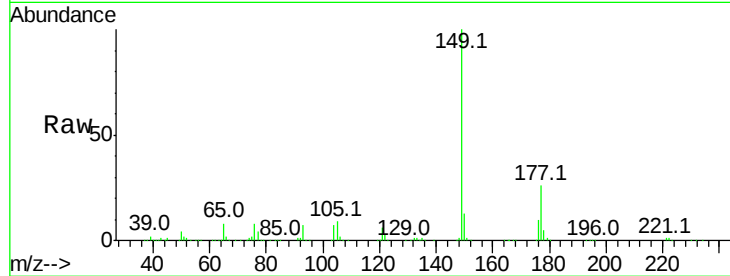
#59
Diethylphthalate
Concen: 41.368 ng
RT: 10.41 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF106968.D
Acq: 29 Jun 2018 13:06

Instrument :
BNA_F
ClientSampleId :
EME-FW-TS004-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	25.6	16.1	24.1#	
150	12.6	10.1	15.1	

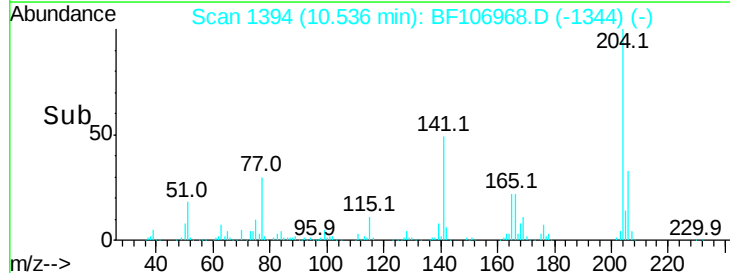
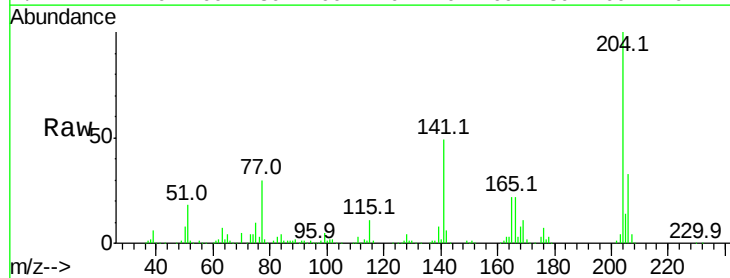
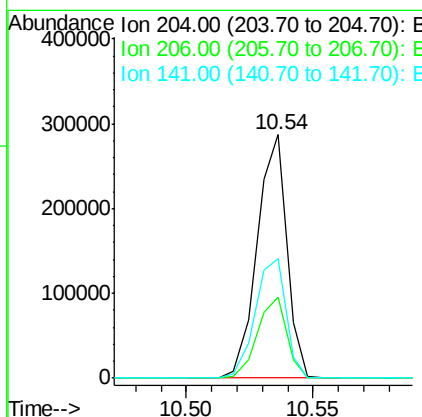
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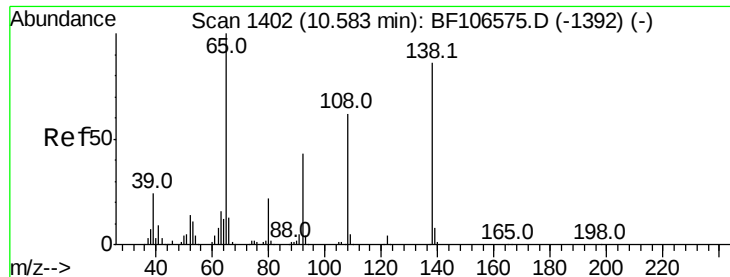
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#60
4-Chlorophenyl-phenylether
Concen: 45.193 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF106968.D
Acq: 29 Jun 2018 13:06

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	33.4	26.5	39.7	
141	48.9	54.6	81.8#	





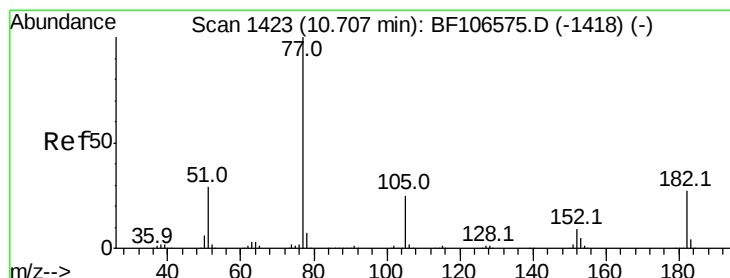
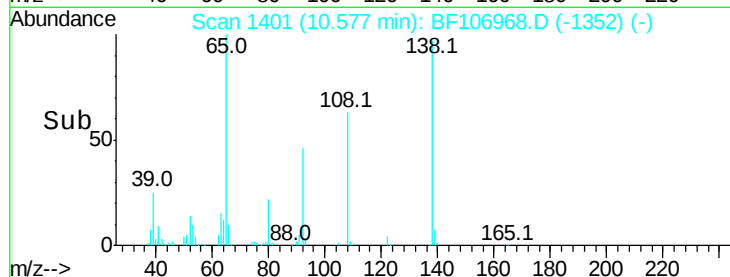
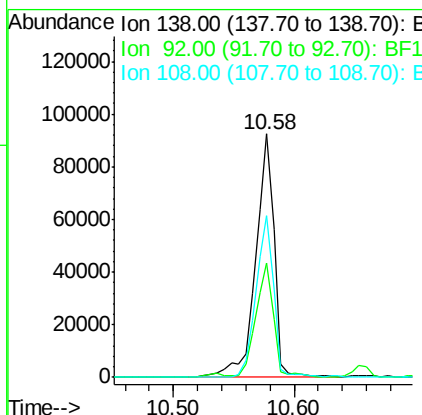
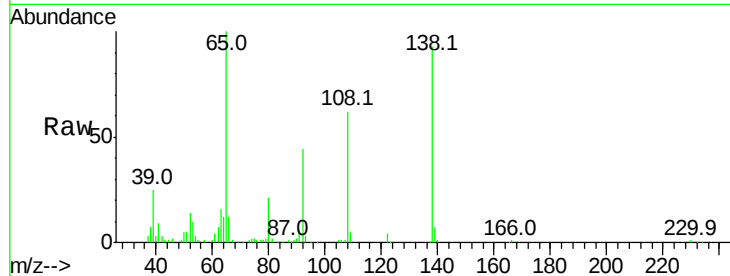
#61
4-Nitroaniline
Concen: 37.179 ng
RT: 10.58 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF106968.D
Acq: 29 Jun 2018 13:06

Instrument :
BNA_F
ClientSampleId :
EME-FW-TS004-01MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.0	30.2	70.2
108	66.5	52.5	92.5

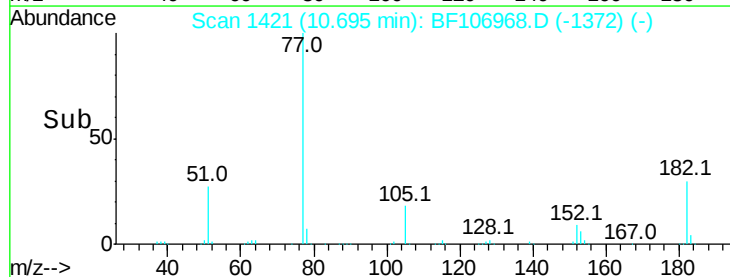
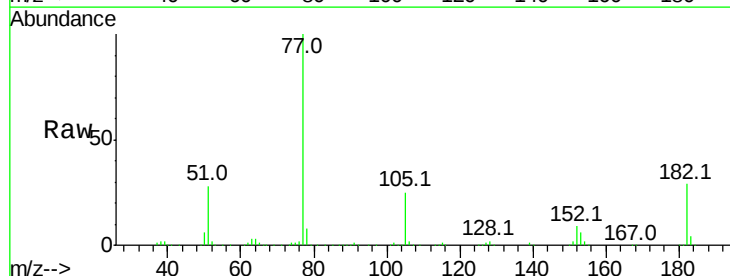
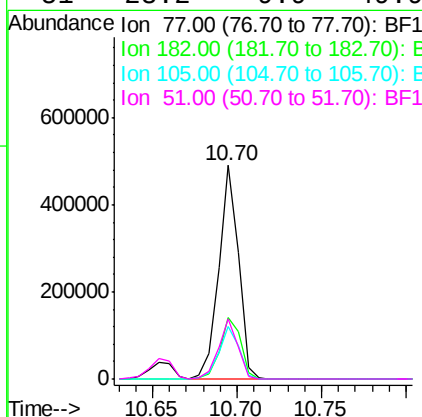
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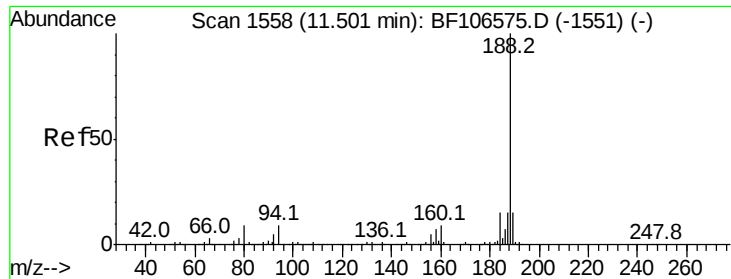
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#62
Azobenzene
Concen: 38.264 ng
RT: 10.70 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF106968.D
Acq: 29 Jun 2018 13:06

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.9	1.7	41.7
105	24.8	3.0	43.0
51	28.2	9.9	49.9





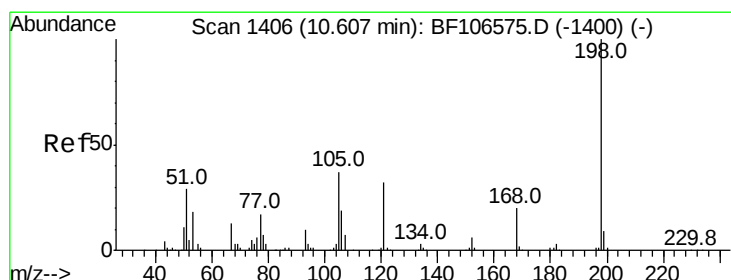
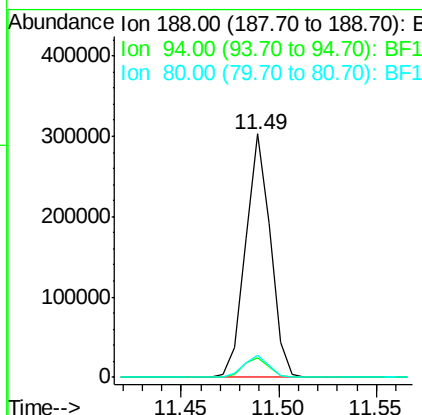
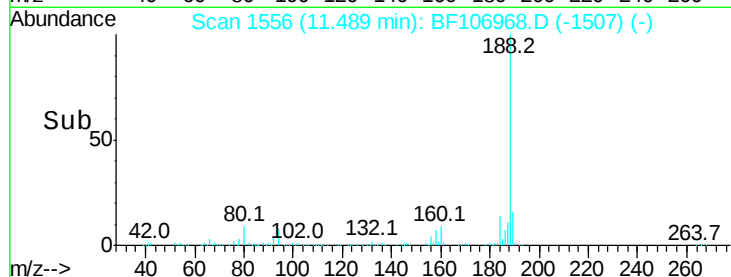
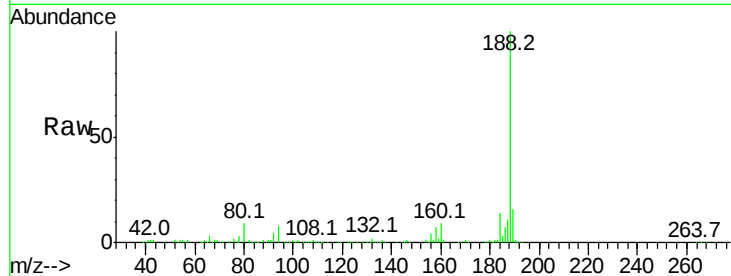
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106968.D
Acq: 29 Jun 2018 13:06

Instrument :
BNA_F
ClientSampleId :
EME-FW-TS004-01MSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.2	8.5	12.7#
80	8.9	9.2	13.8#

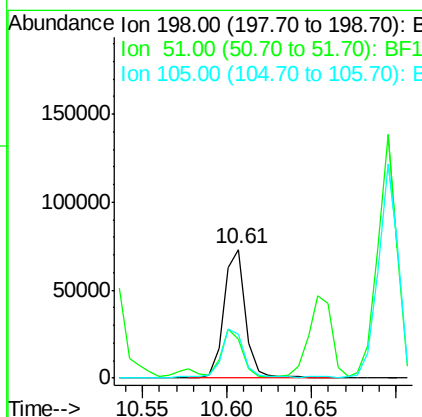
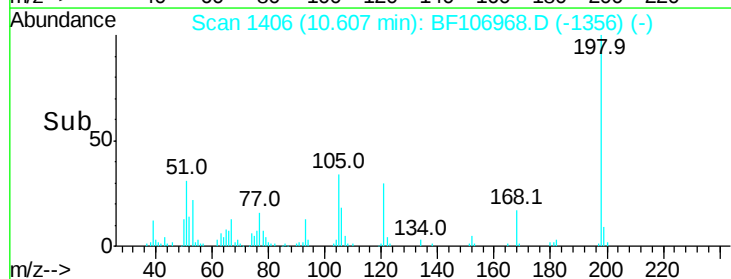
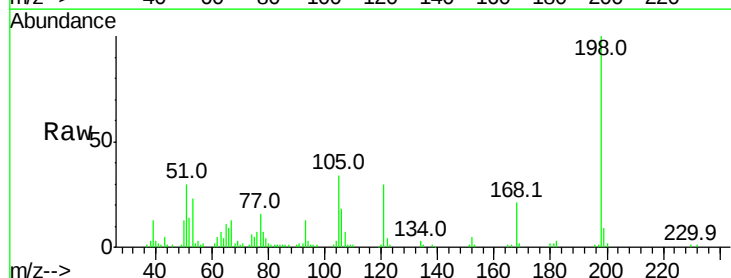
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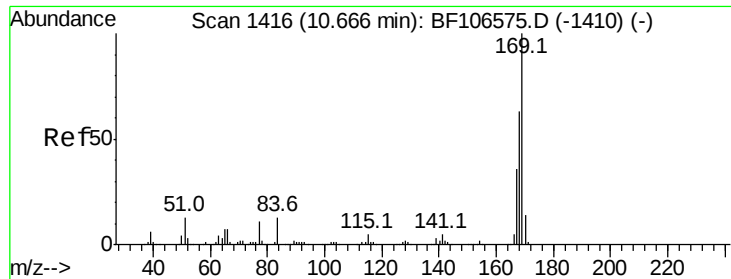
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#64
4,6-Dinitro-2-methylphenol
Concen: 39.707 ng
RT: 10.61 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF106968.D
Acq: 29 Jun 2018 13:06

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	30.4	37.7	77.7#
105	34.0	36.3	76.3#





#65

n-Nitrosodiphenylamine

Concen: 43.380 ng

RT: 10.66 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BF106968.D

Acq: 29 Jun 2018 13:06

Instrument :

BNA_F

ClientSampleId :

EME-FW-TS004-01MSD

Tot Ion:169 Resp: 389306

Ion Ratio Lower Upper

169 100

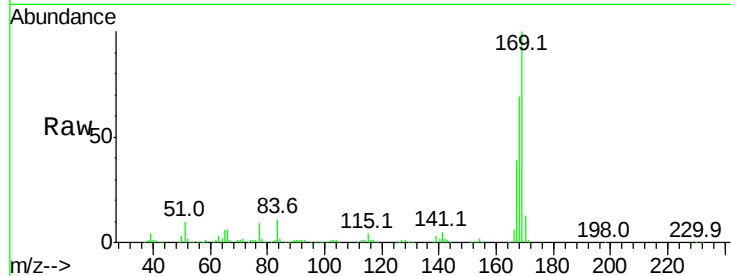
168 68.9 54.4 81.6

167 38.6 29.8 44.6

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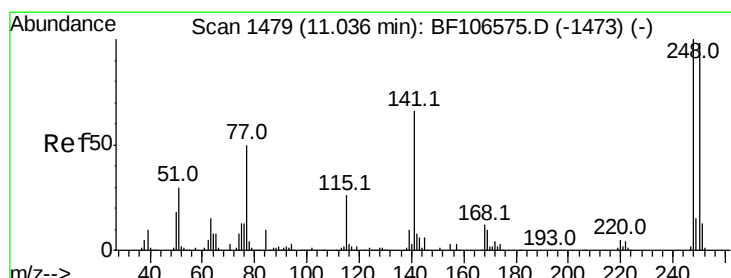
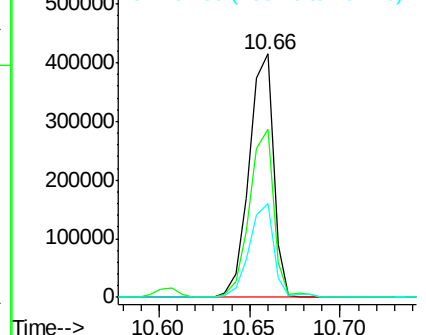
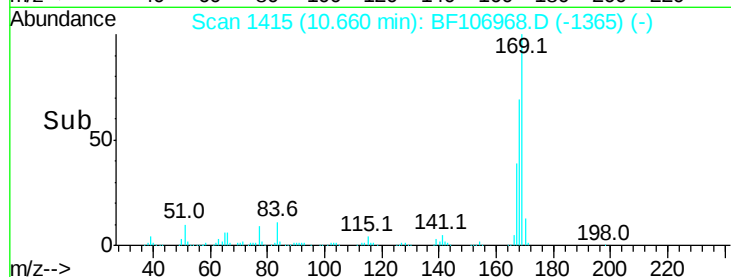
6/30/2018 10:57:55 AM



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 49.722 ng

RT: 11.02 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BF106968.D

Acq: 29 Jun 2018 13:06

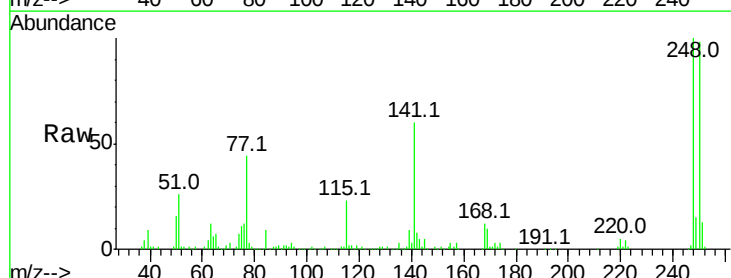
Tgt Ion:248 Resp: 158329

Ion Ratio Lower Upper

248 100

250 97.7 76.9 115.3

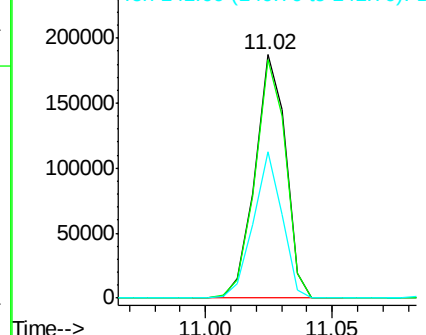
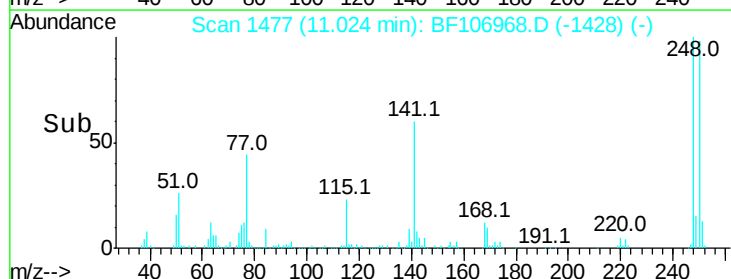
141 60.1 74.4 111.6#

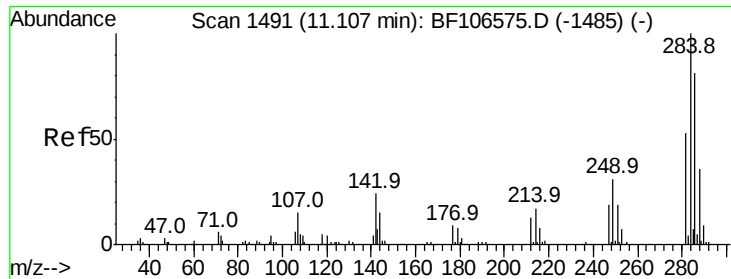


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





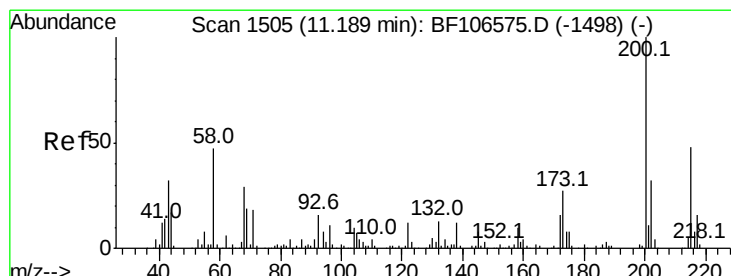
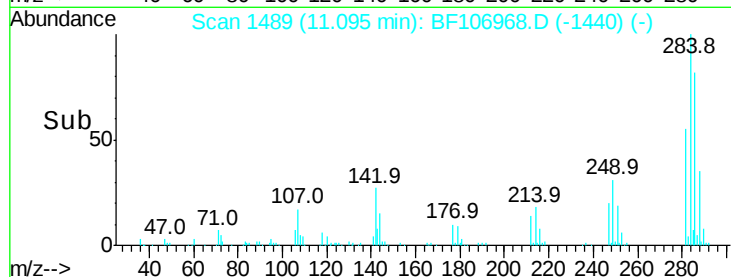
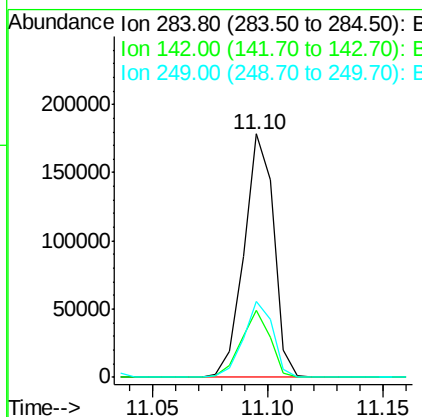
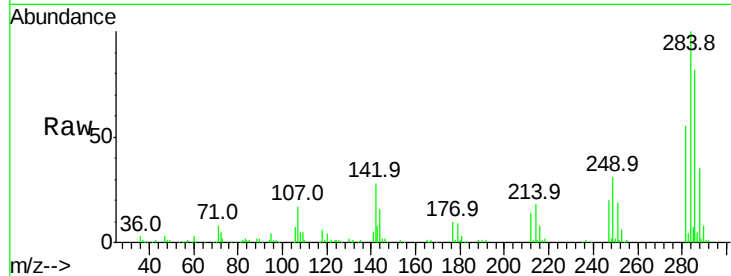
#67
Hexachlorobenzene
Concen: 48.077 ng
RT: 11.10 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BF106968.D
Acq: 29 Jun 2018 13:06

Instrument :
BNA_F
ClientSampleId :
EME-FW-TS004-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	160228		
142	27.6	34.6	52.0	
249	31.0	24.8	37.2	

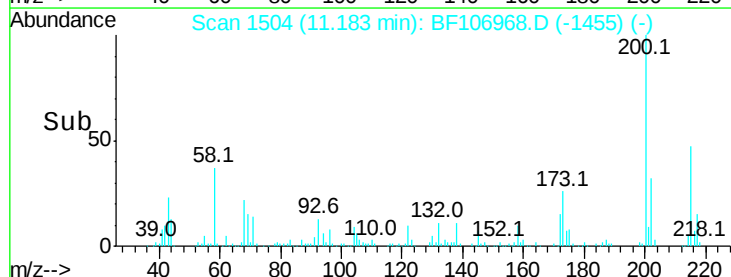
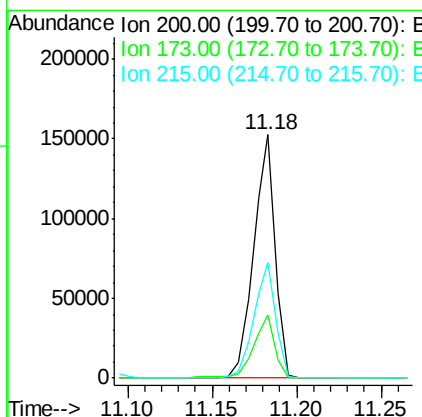
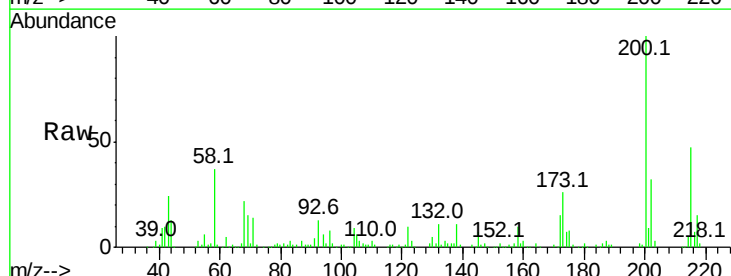
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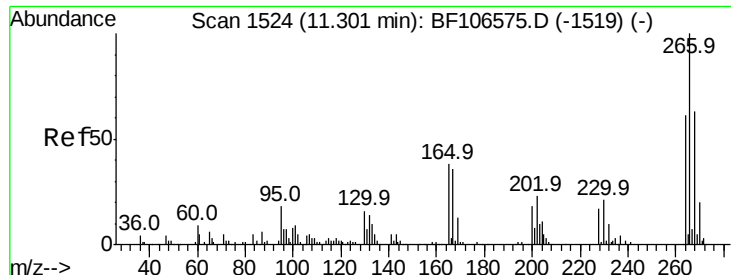
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#68
Atrazine
Concen: 47.562 ng
RT: 11.18 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BF106968.D
Acq: 29 Jun 2018 13:06

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	135691		
173	25.7	8.6	48.6	
215	47.5	25.1	65.1	





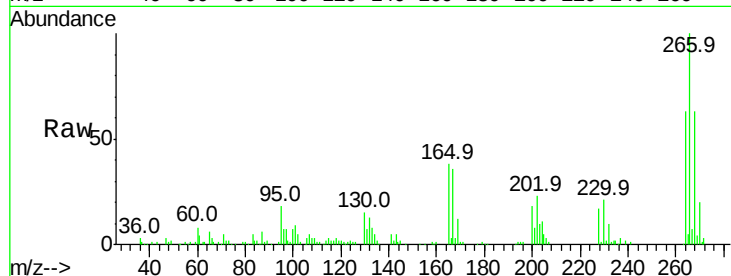
#69
 Pentachlorophenol
 Concen: 71.834 ng
 RT: 11.30 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BF106968.D
 Acq: 29 Jun 2018 13:06

Instrument :
 BNA_F
 ClientSampleId :
 EME-FW-TS004-01MSD

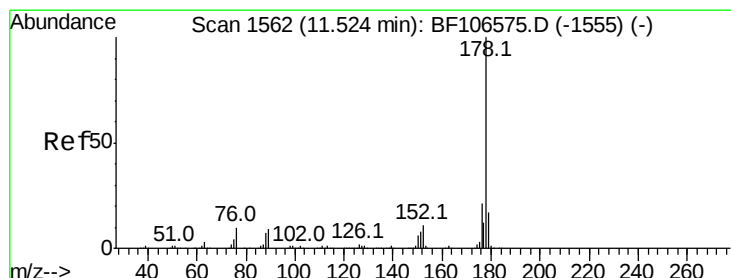
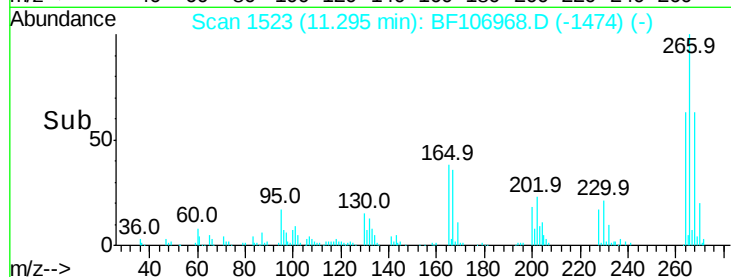
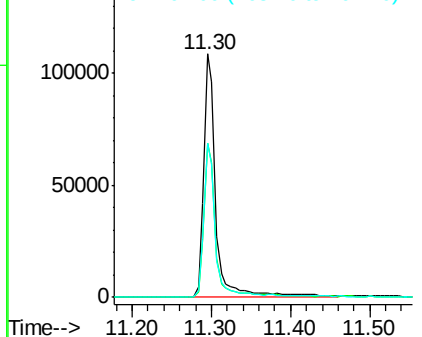
Tot Ion:	266	Resp:	119455
Ion Ratio		Lower	Upper
266	100		
268	63.1	51.1	76.7
264	63.1	49.5	74.3

Manual Integrations
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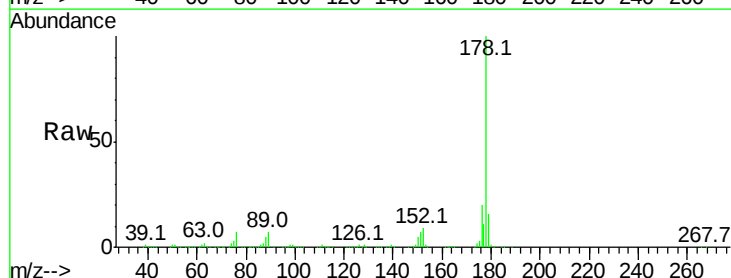


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

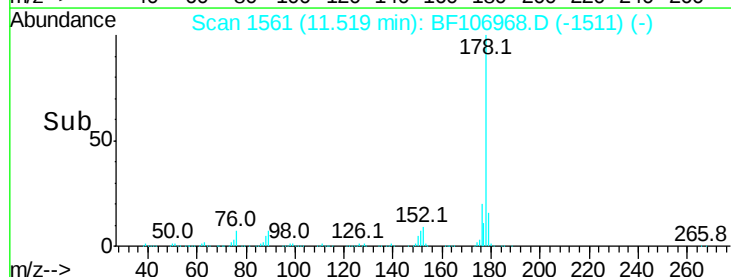
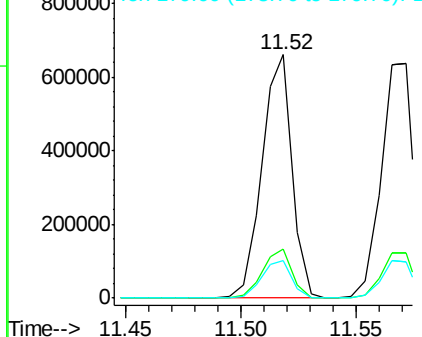


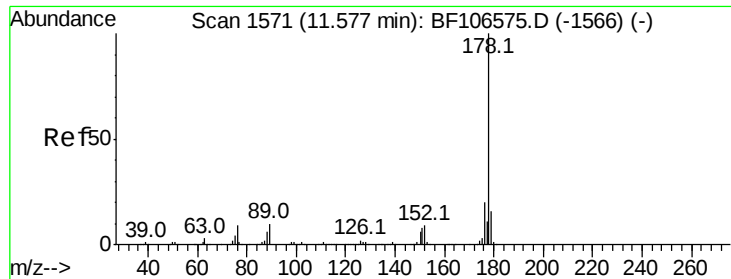
#70
 Phenanthrene
 Concen: 46.494 ng
 RT: 11.52 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF106968.D
 Acq: 29 Jun 2018 13:06

Tgt Ion:	178	Resp:	598332
Ion Ratio		Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.6	13.0	19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 46.673 ng

RT: 11.57 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BF106968.D

Acq: 29 Jun 2018 13:06

Instrument :

BNA_F

ClientSampleId :

EME-FW-TS004-01MSD

Tot Ion:178 Resp: 613060

Ion Ratio Lower Upper

178 100

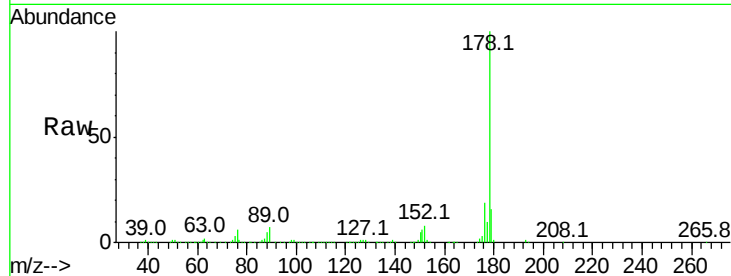
176 19.3 15.4 23.2

179 15.7 12.6 19.0

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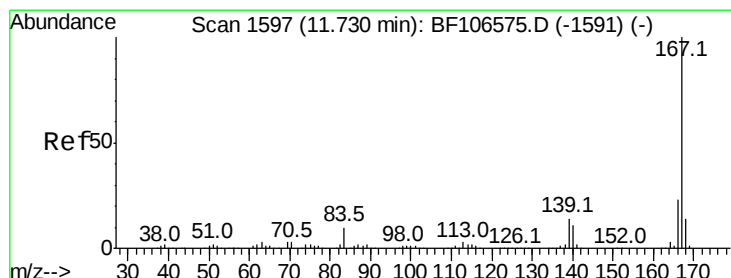
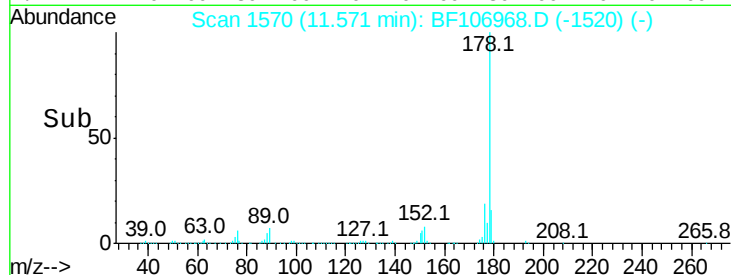
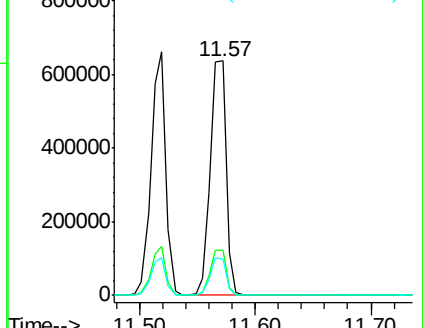
6/30/2018 10:57:55 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 43.176 ng

RT: 11.72 min Scan# 1596

Delta R.T. -0.01 min

Lab File: BF106968.D

Acq: 29 Jun 2018 13:06

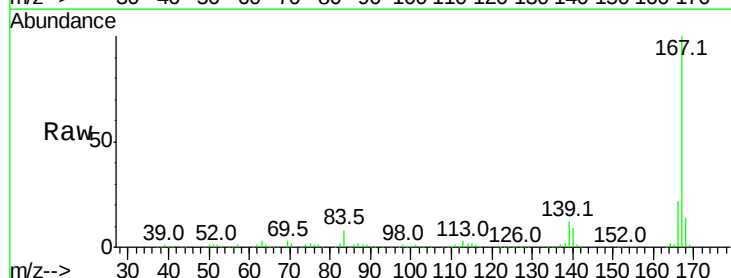
Tgt Ion:167 Resp: 530975

Ion Ratio Lower Upper

167 100

166 21.8 17.6 26.4

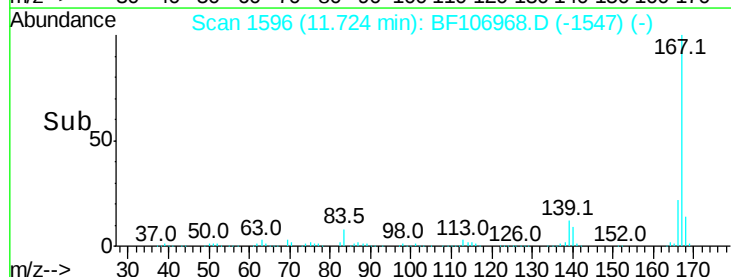
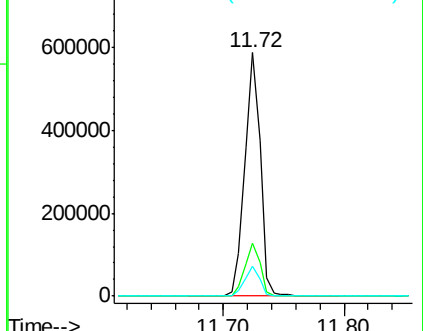
139 12.2 10.9 16.3

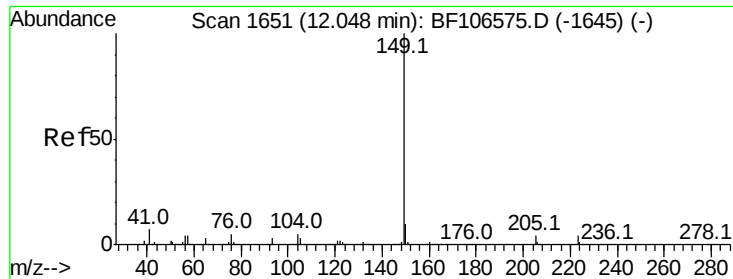


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.413 ng

RT: 12.04 min Scan# 1649

Delta R.T. -0.01 min

Lab File: BF106968.D

Acq: 29 Jun 2018 13:06

Instrument :

BNA_F

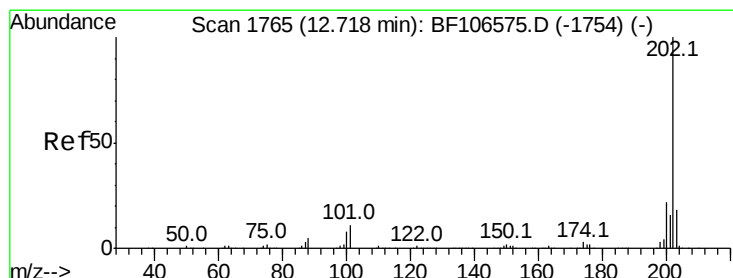
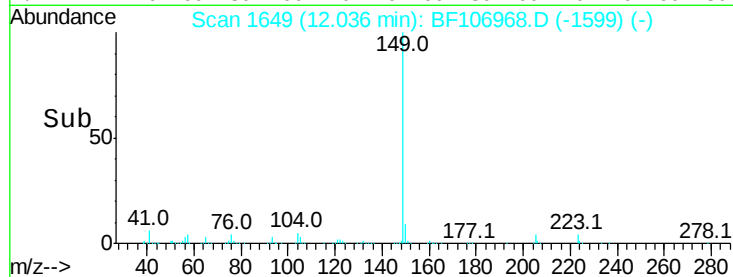
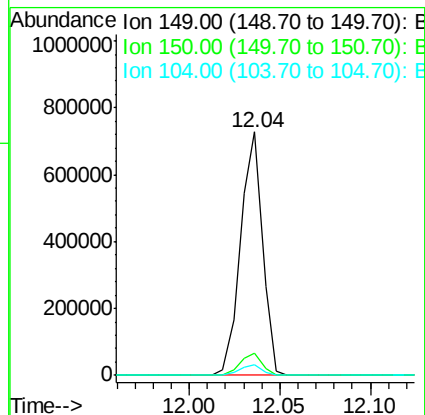
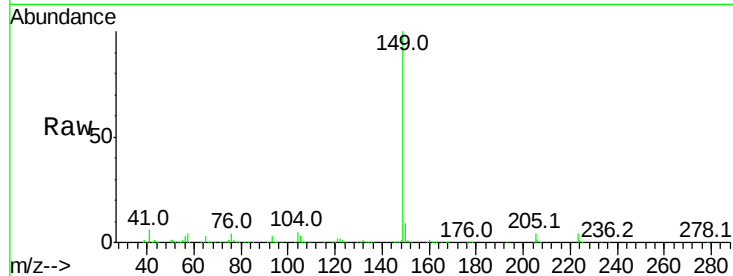
ClientSampleId :

EME-FW-TS004-01MSD

Tot Ion:	149	Resp:	614481
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.8	11.6
104	4.6	3.8	5.8

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#74

Fluoranthene

Concen: 42.511 ng

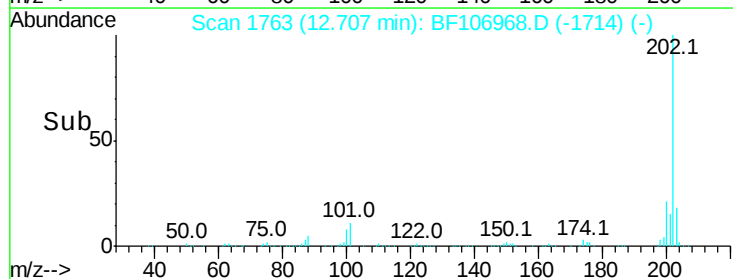
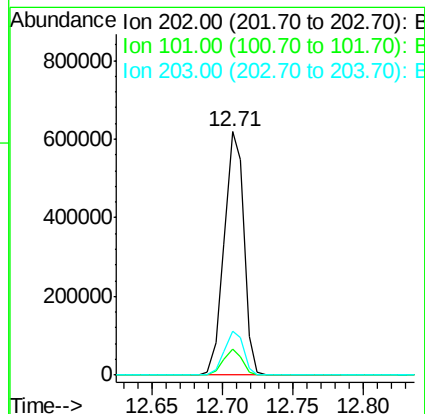
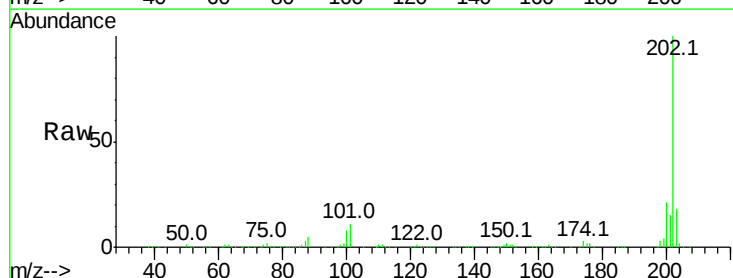
RT: 12.71 min Scan# 1763

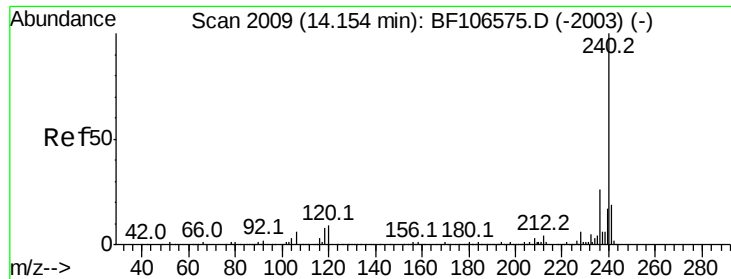
Delta R.T. -0.01 min

Lab File: BF106968.D

Acq: 29 Jun 2018 13:06

Tgt Ion:	202	Resp:	602975
Ion Ratio	Lower	Upper	
202	100		
101	10.8	0.0	34.1
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF106968.D

Acq: 29 Jun 2018 13:06

Instrument :

BNA_F

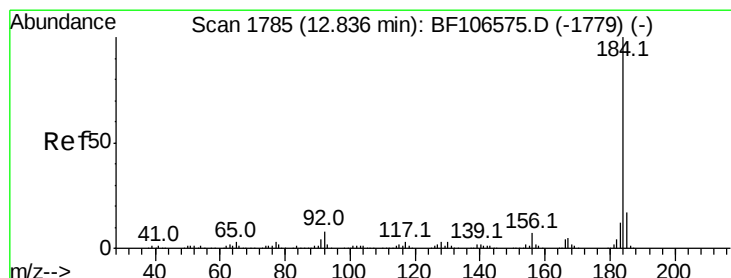
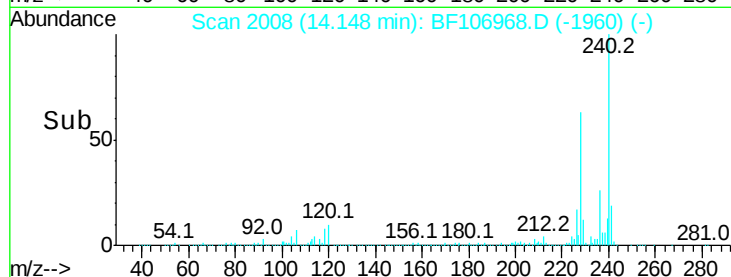
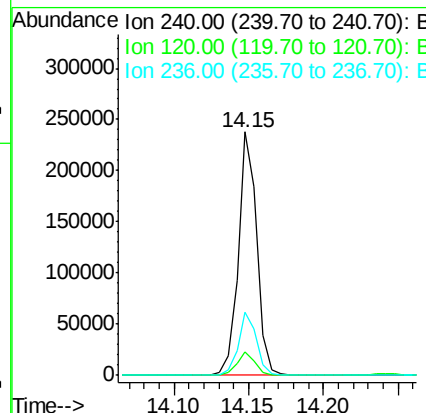
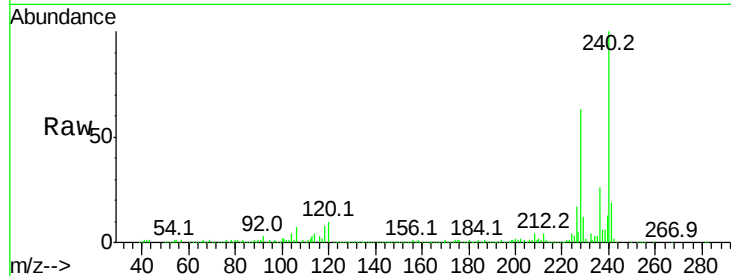
ClientSampleId :

EME-FW-TS004-01MSD

Tot Ion:	240	Resp:	206593
Ion Ratio	Lower	Upper	
240	100		
120	9.7	9.5	14.3
236	26.0	20.7	31.1

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#76

Benzidine

Concen: 9.185 ng

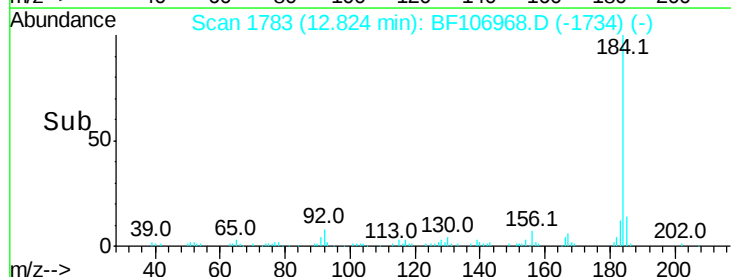
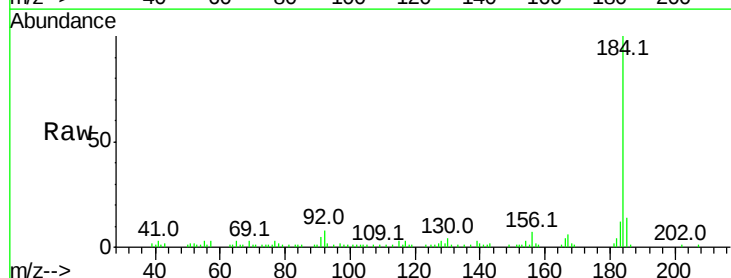
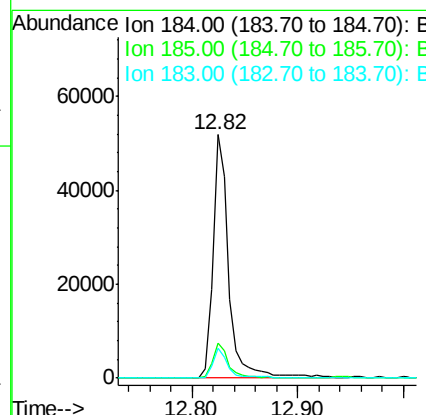
RT: 12.82 min Scan# 1783

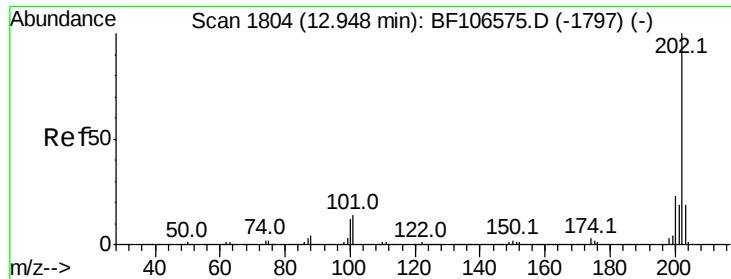
Delta R.T. -0.01 min

Lab File: BF106968.D

Acq: 29 Jun 2018 13:06

Tgt Ion:	184	Resp:	54039
Ion Ratio	Lower	Upper	
184	100		
185	14.4	12.6	18.8
183	12.0	9.3	13.9





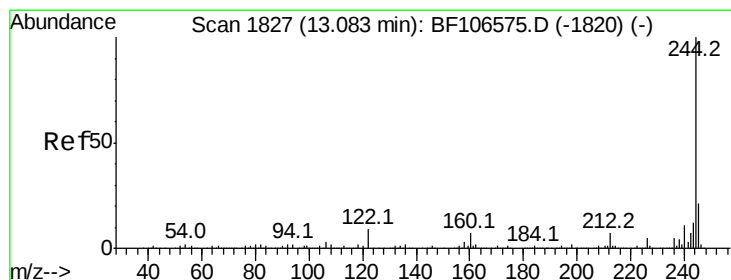
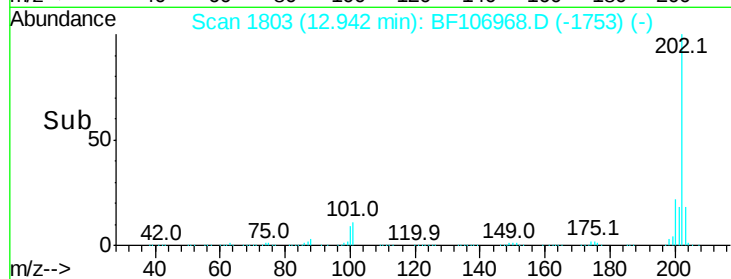
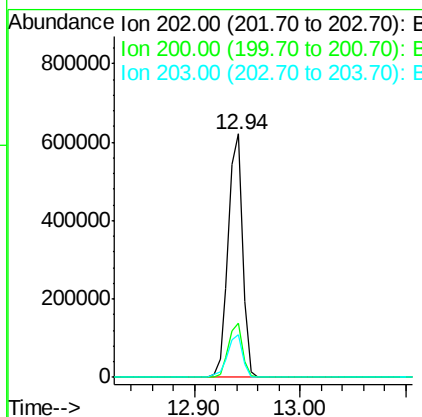
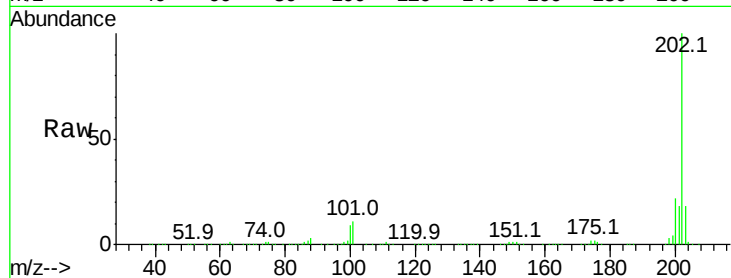
#77
Pvrene
Concen: 43.119 ng
RT: 12.94 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF106968.D
Acq: 29 Jun 2018 13:06

Instrument :
BNA_F
ClientSampleId :
EME-FW-TS004-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	587432		
200	22.0		17.4	26.2
203	17.5		14.3	21.5

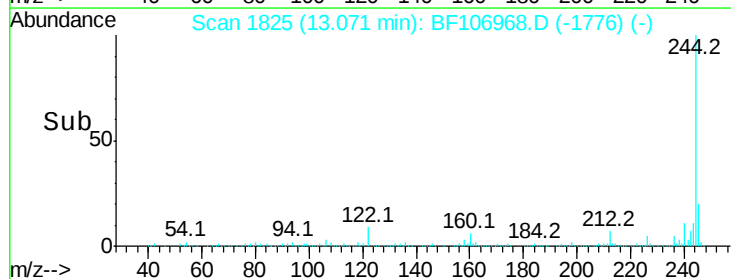
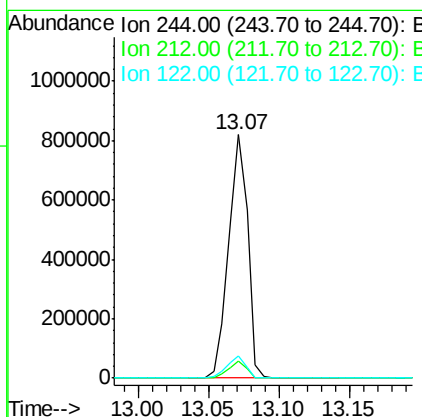
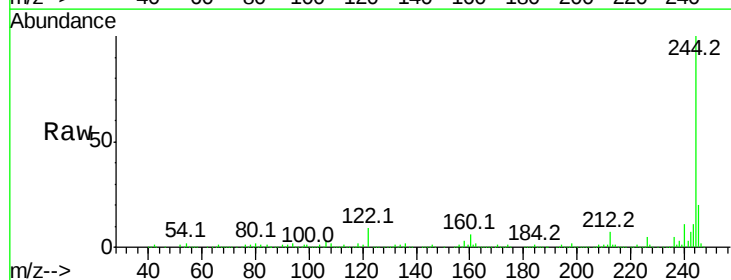
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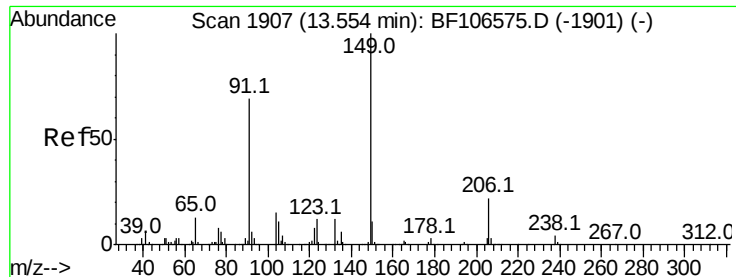
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#78
Terphenyl-d14
Concen: 90.413 ng
RT: 13.07 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF106968.D
Acq: 29 Jun 2018 13:06

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	771113		
212	6.8		5.4	8.0
122	8.9		11.0	16.4#





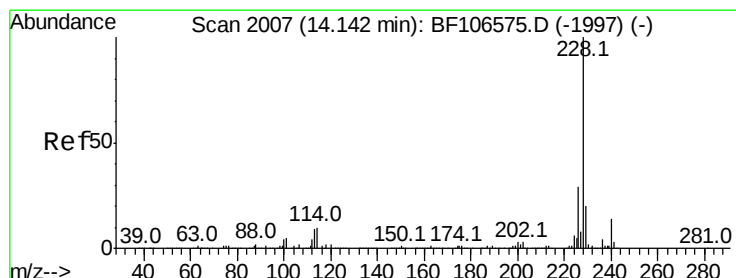
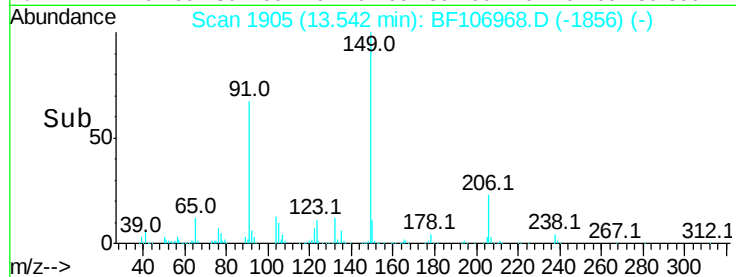
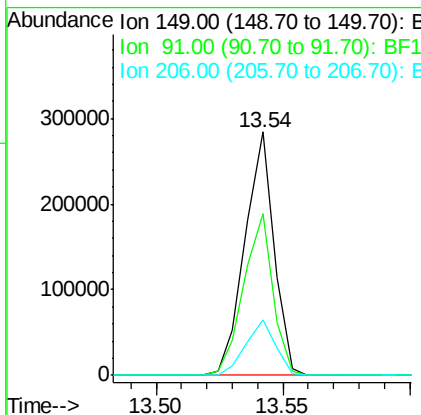
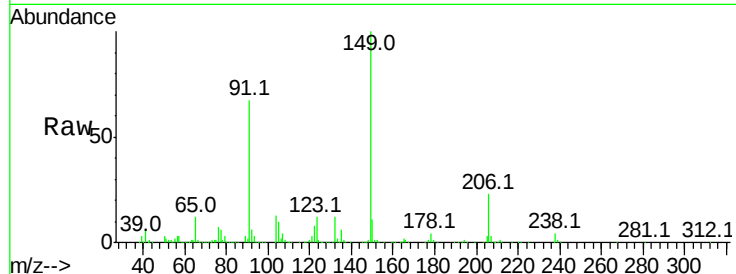
#79
Butylbenzylphthalate
Concen: 40.630 ng
RT: 13.54 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BF106968.D
Acq: 29 Jun 2018 13:06

Instrument :
BNA_F
ClientSampleId :
EME-FW-TS004-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	227580		
91	66.6	56.8	85.2	
206	22.8	14.1	21.1	

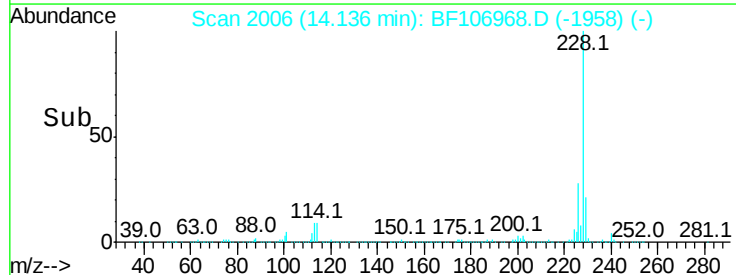
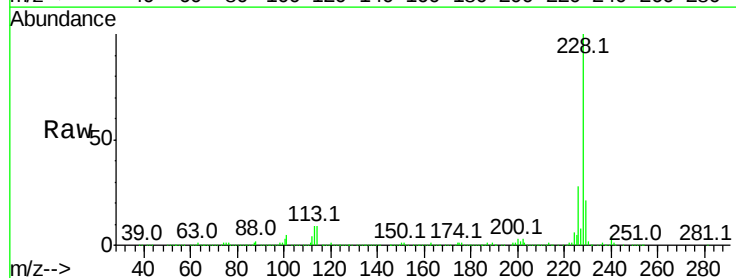
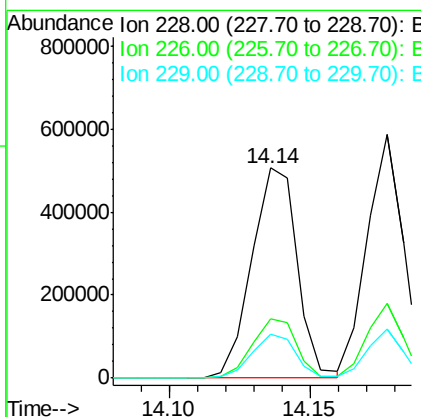
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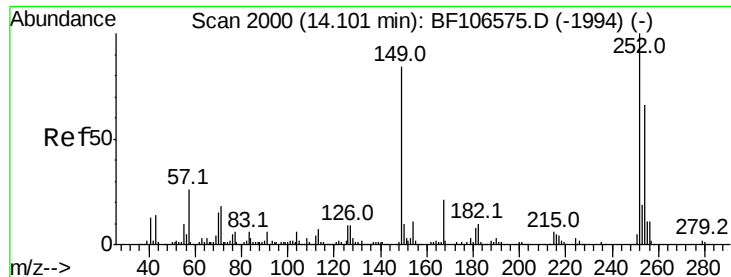
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#80
Benzo(a)anthracene
Concen: 44.936 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BF106968.D
Acq: 29 Jun 2018 13:06

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	565797		
226	28.2	22.6	33.8	
229	20.6	15.8	23.6	





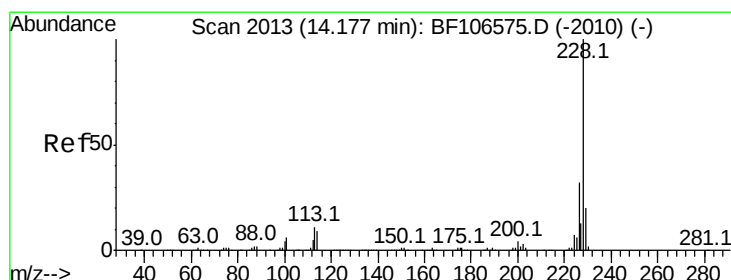
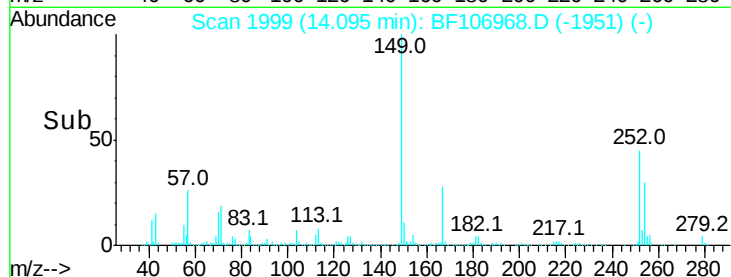
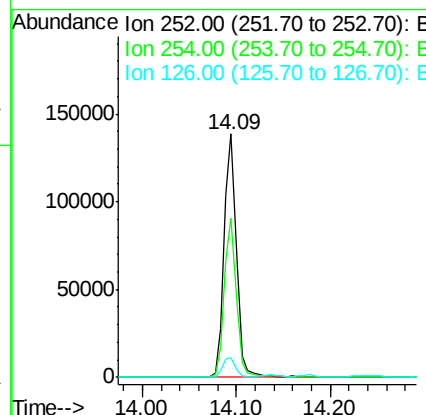
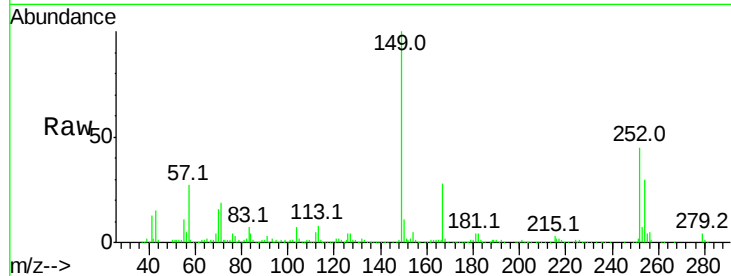
#81
 3,3'-Dichlorobenzidine
 Concen: 29.105 ng
 RT: 14.09 min Scan# 1999
 Delta R.T. -0.02 min
 Lab File: BF106968.D
 Acq: 29 Jun 2018 13:06

Instrument :
 BNA_F
 ClientSampleId :
 EME-FW-TS004-01MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.1	50.4	75.6
126	8.2	11.3	16.9

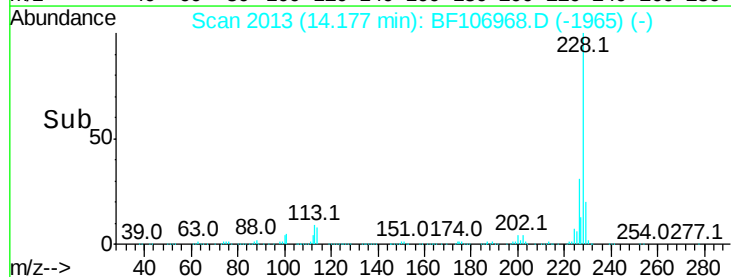
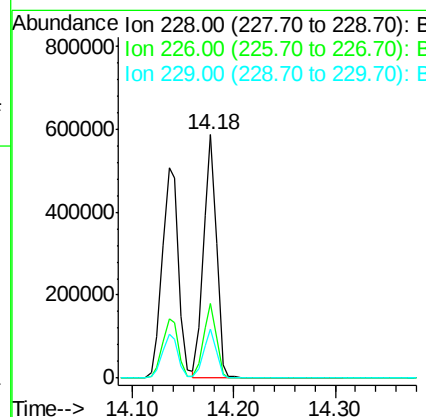
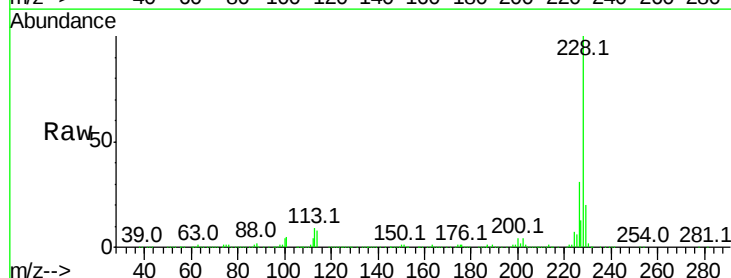
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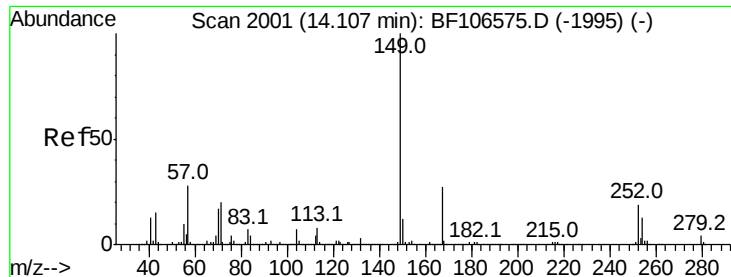
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#82
 Chrysene
 Concen: 44.973 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. -0.02 min
 Lab File: BF106968.D
 Acq: 29 Jun 2018 13:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	19.9	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.988 ng

RT: 14.10 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF106968.D

Acq: 29 Jun 2018 13:06

Instrument :

BNA_F

ClientSampleId :

EME-FW-TS004-01MSD

Tot Ion:149 Resp: 300680

Ion Ratio Lower Upper

149 100

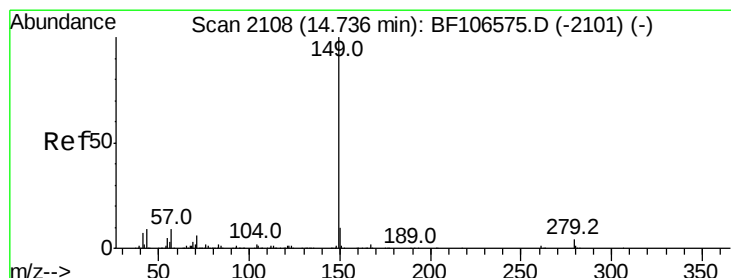
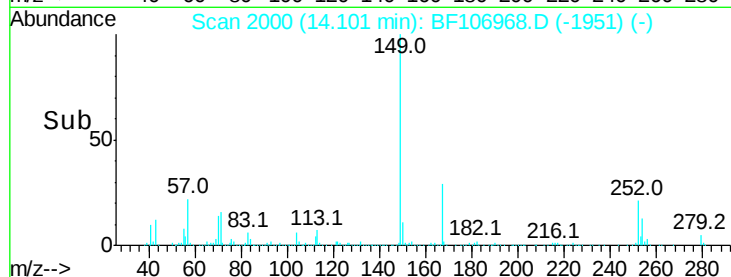
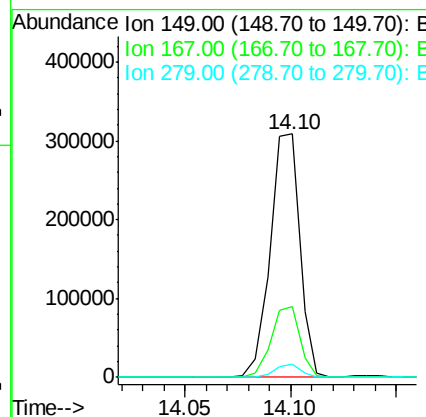
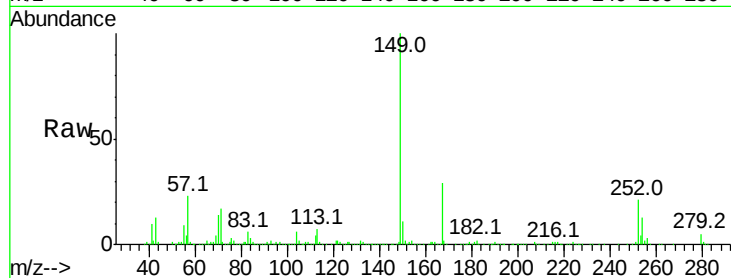
167 29.0 21.3 31.9

279 5.4 3.0 4.4#

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 43.961 ng

RT: 14.74 min Scan# 2108

Delta R.T. -0.03 min

Lab File: BF106968.D

Acq: 29 Jun 2018 13:06

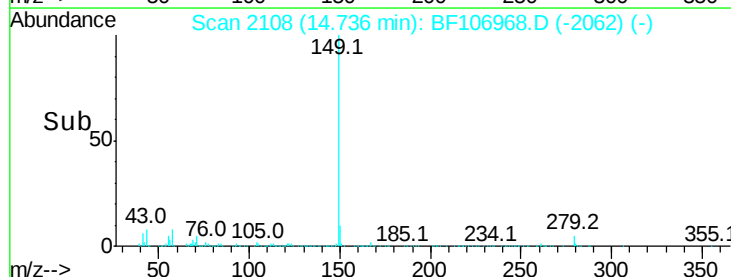
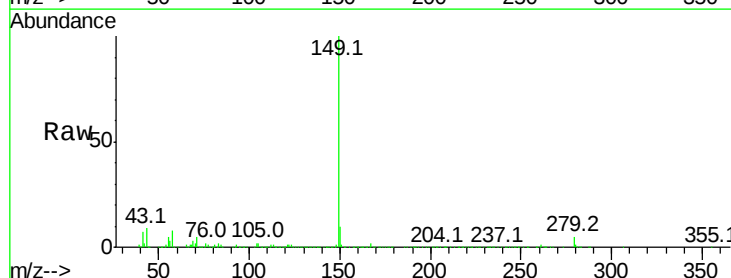
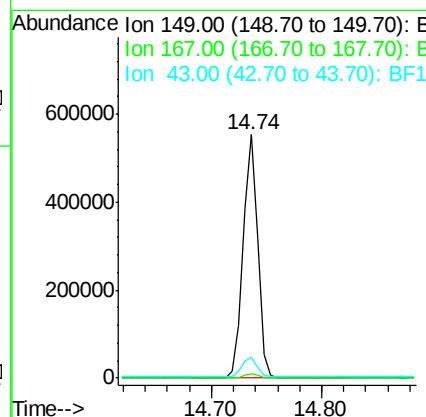
Tgt Ion:149 Resp: 513141

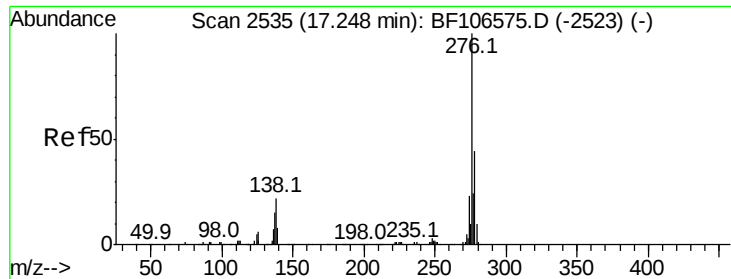
Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 8.5 8.4 12.6





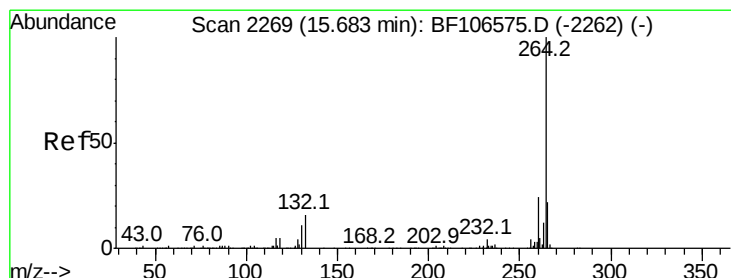
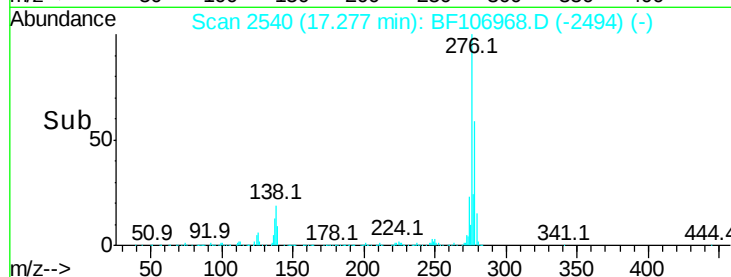
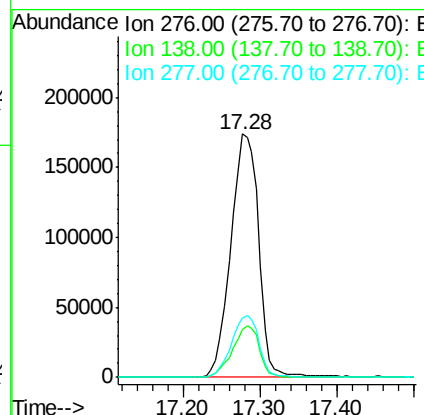
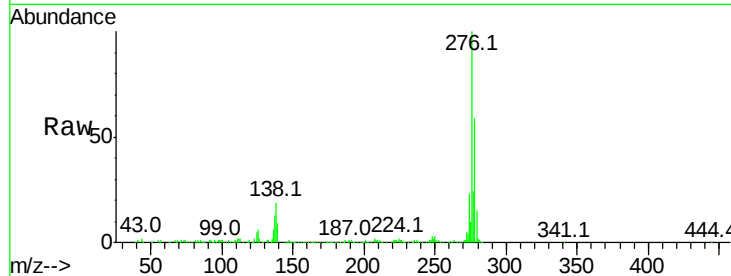
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.770 ng
 RT: 17.28 min Scan# 2540
 Delta R.T. -0.03 min
 Lab File: BF106968.D
 Acq: 29 Jun 2018 13:06

Instrument :
 BNA_F
 ClientSampleId :
 EME-FW-TS004-01MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.6	25.0	37.6#
277	25.3	20.1	30.1

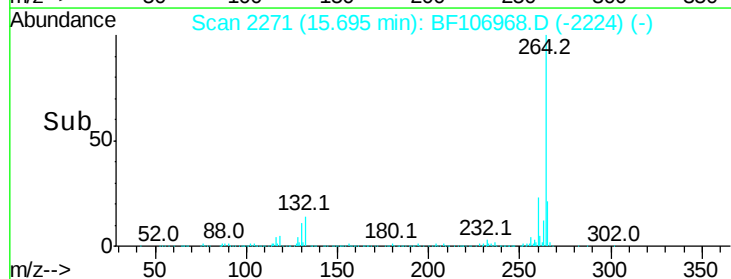
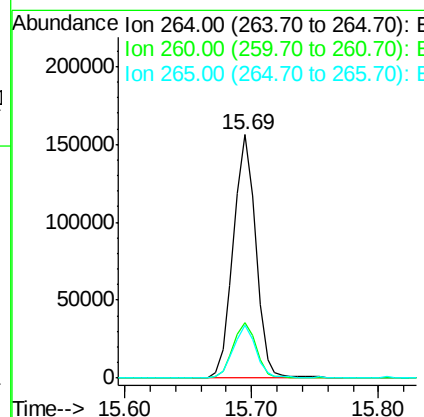
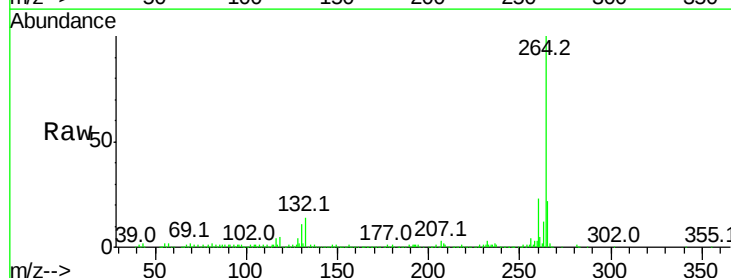
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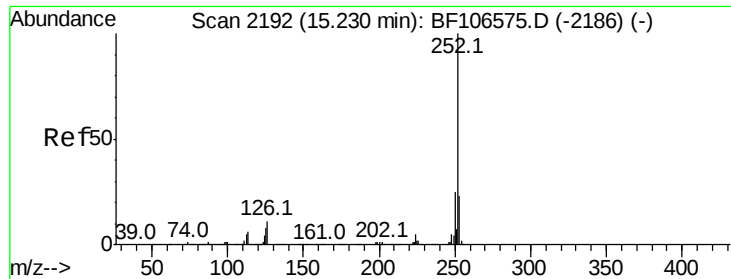
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2271
 Delta R.T. -0.02 min
 Lab File: BF106968.D
 Acq: 29 Jun 2018 13:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.8	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 43.210 ng

RT: 15.24 min Scan# 2194

Delta R.T. -0.02 min

Lab File: BF106968.D

Acq: 29 Jun 2018 13:06

Instrument :

BNA_F

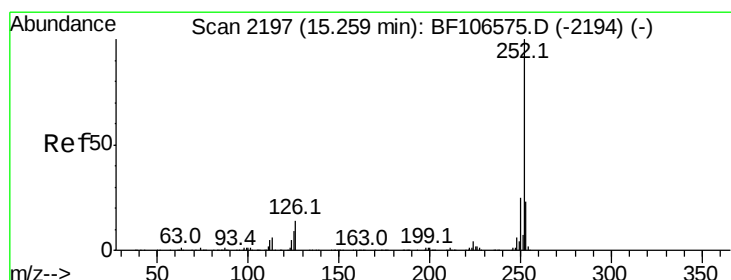
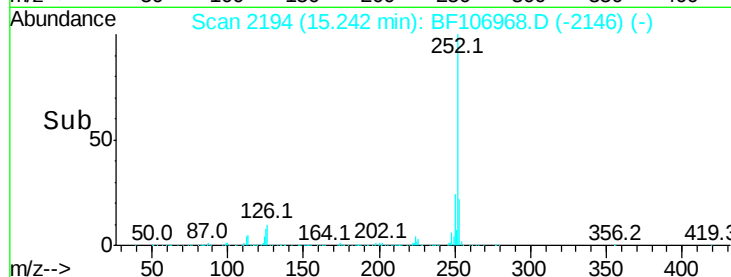
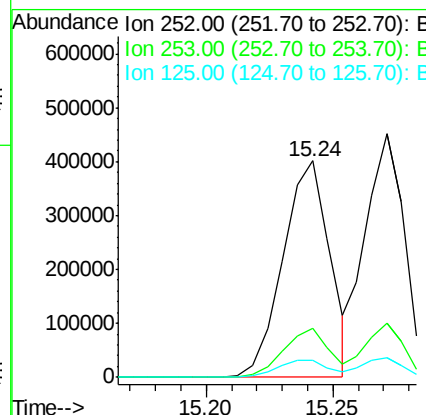
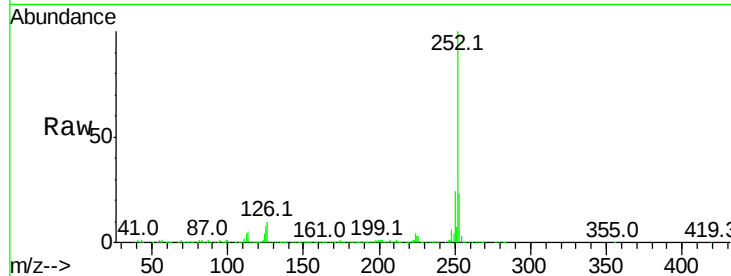
ClientSampleId :

EME-FW-TS004-01MSD

Tot Ion:252	Resp:	515810
Ion Ratio	Lower	Upper
252	100	
253	22.6	17.0 25.6
125	8.2	9.0 13.6#

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#88

Benzo(k)fluoranthene

Concen: 43.187 ng

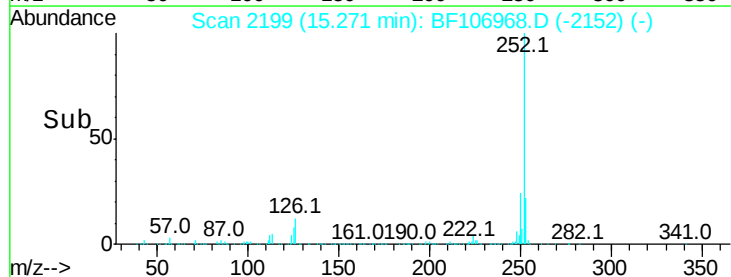
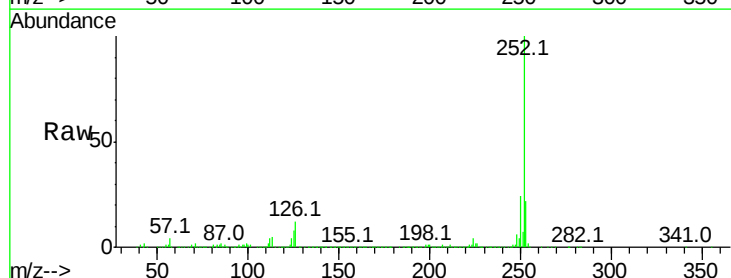
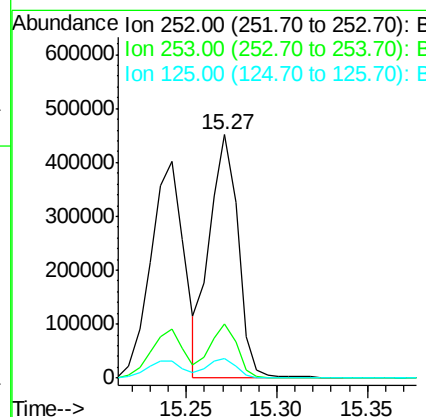
RT: 15.27 min Scan# 2199

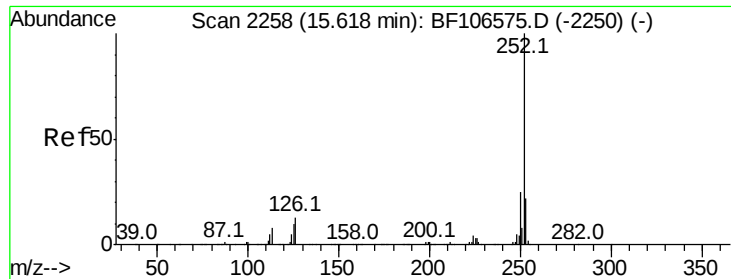
Delta R.T. -0.02 min

Lab File: BF106968.D

Acq: 29 Jun 2018 13:06

Tgt Ion:252	Resp:	490945
Ion Ratio	Lower	Upper
252	100	
253	22.0	17.9 26.9
125	8.0	10.2 15.2#





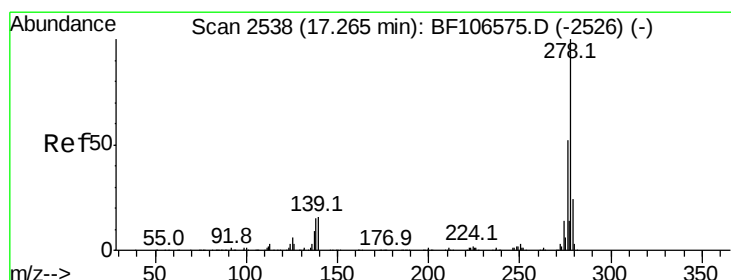
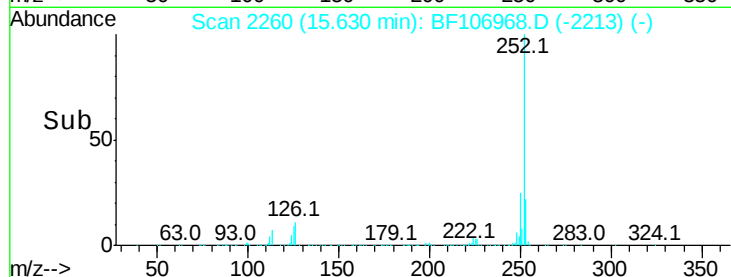
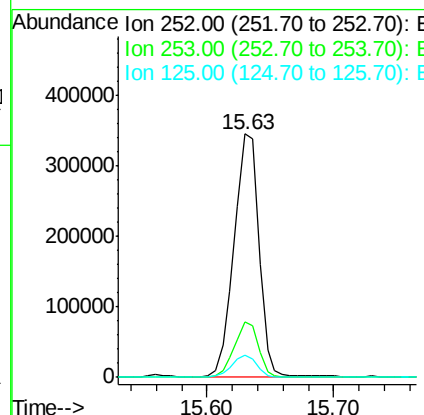
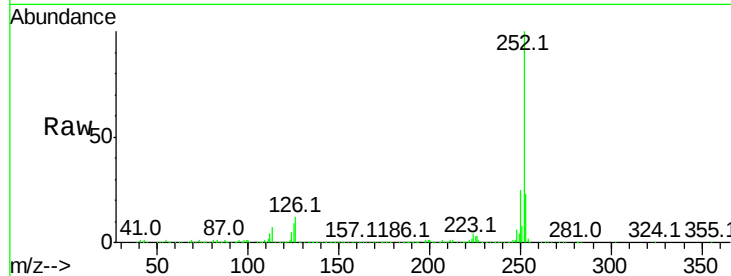
#89
Benzo(a)pyrene
Concen: 44.235 ng
RT: 15.63 min Scan# 2260
Delta R.T. -0.02 min
Lab File: BF106968.D
Acq: 29 Jun 2018 13:06

Instrument :
BNA_F
ClientSampleId :
EME-FW-TS004-01MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	9.0	9.8	14.6

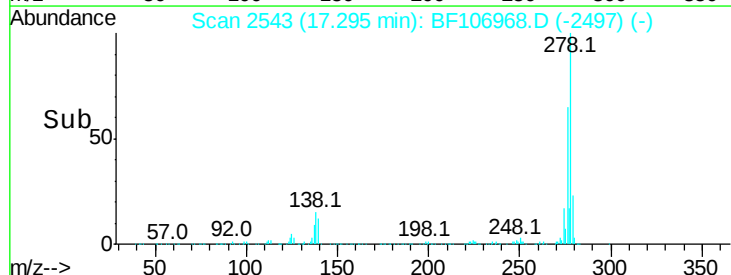
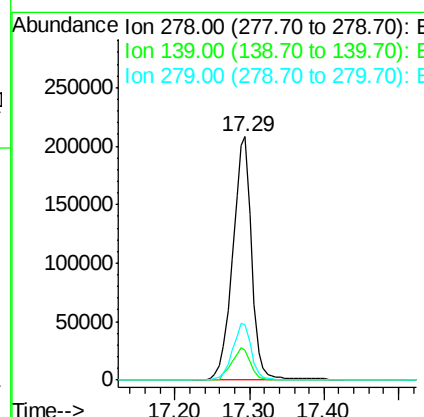
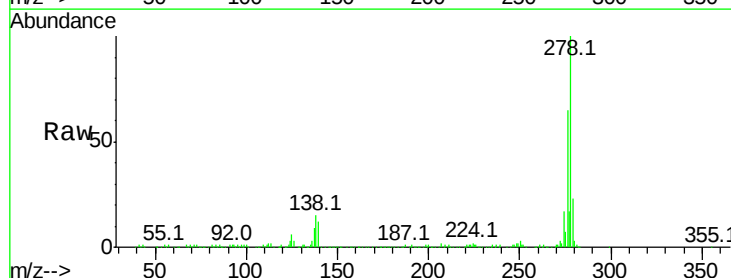
Manual Integrations
APPROVED

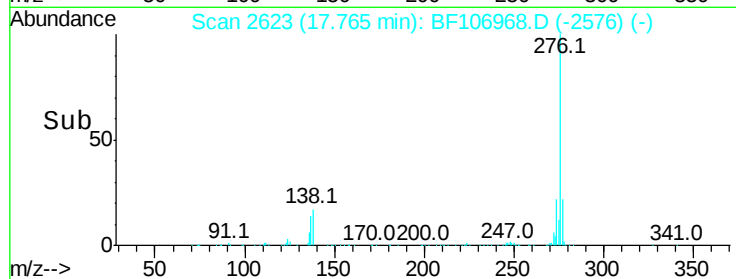
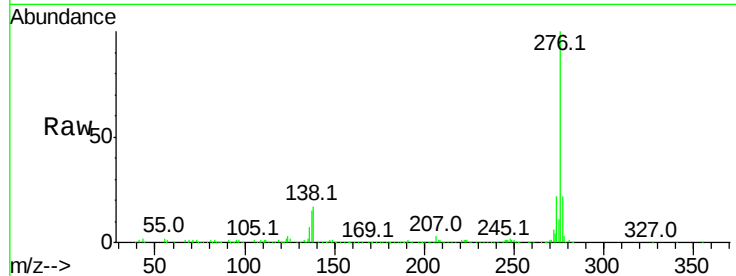
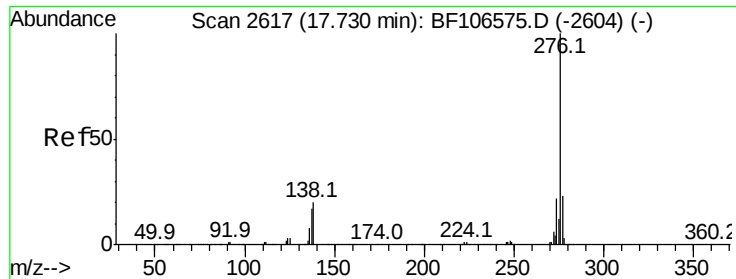
Sohil
6/30/2018 10:57:55 AM



#90
Dibenzo(a,h)anthracene
Concen: 41.136 ng
RT: 17.29 min Scan# 2543
Delta R.T. -0.03 min
Lab File: BF106968.D
Acq: 29 Jun 2018 13:06

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.3	15.9	23.9
279	22.9	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 39.862 ng
 RT: 17.77 min Scan# 2623
 Delta R.T. -0.02 min
 Lab File: BF106968.D
 Acq: 29 Jun 2018 13:06

Instrument :
 BNA_F
 ClientSampleId :
 EME-FW-TS004-01MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.2	17.9	26.9
138	16.8	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 6/30/2018 10:57:55 AM

