

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
 Data File : BF108844.D
 Acq On : 7 Sep 2018 00:47
 Operator : JU/SJ
 Sample : J4803-19MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-J6-MSD

Manual Integrations
 APPROVED

Sohil
 9/7/2018 11:15:58 AM

Quant Time: Sep 07 03:44:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	234365	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	843460	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	359198	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	570788	20.00	ng	0.00
75) Chrysene-d12	13.87	240	469072	20.00	ng	0.00
86) Perylene-d12	15.28	264	630143	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	1463199	103.43	ng	0.02
7) Phenol-d6	6.38	99	1903968	104.60	ng	0.01
23) Nitrobenzene-d5	7.30	82	1200313	89.06	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	344690	100.52	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1896492	90.07	ng	0.00
78) Terphenyl-d14	12.82	244	1536798	76.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.47	88	242223	35.627	ng	93
3) Pyridine	3.17	79	668294	35.893	ng	91
4) n-Nitrosodimethylamine	3.11	42	316388	44.242	ng	# 93
6) Aniline	6.40	93	823902	33.654	ng	# 91
8) 2-Chlorophenol	6.52	128	614284	39.229	ng	97
9) Benzaldehyde	6.28	77	374138	28.974	ng	99
10) Phenol	6.39	94	785663	37.685	ng	83
11) bis(2-Chloroethyl)ether	6.48	93	631832	37.832	ng	96
12) 1,3-Dichlorobenzene	6.68	146	677813	37.932	ng	97
13) 1,4-Dichlorobenzene	6.75	146	681291	38.126	ng	99
14) 1,2-Dichlorobenzene	6.91	146	636589	38.649	ng	99
15) Benzyl Alcohol	6.88	79	550189	39.387	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	958094	38.378	ng	97
17) 2-Methylphenol	7.00	107	510723	38.594	ng	99
18) Hexachloroethane	7.25	117	245122	38.043	ng	98
19) n-Nitroso-di-n-propylamine	7.15	70	444462	35.129	ng	99
20) 3+4-Methylphenols	7.15	107	584075	37.678	ng	# 62
22) Acetophenone	7.15	105	799388	41.760	ng	# 92
24) Nitrobenzene	7.32	77	655509	45.328	ng	97
25) Isophorone	7.56	82	1201051	44.675	ng	98
26) 2-Nitrophenol	7.64	139	269457	47.295	ng	94
27) 2,4-Dimethylphenol	7.68	122	542416	46.883	ng	96
28) bis(2-Chloroethoxy)methane	7.77	93	763735	42.490	ng	99
29) 2,4-Dichlorophenol	7.88	162	482687	40.461	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	519013	40.144	ng	97
31) Naphthalene	8.04	128	1670703	44.027	ng	99
32) Benzoic acid	7.80	122	2968m	4.427	ng	
33) 4-Chloroaniline	8.08	127	576678	33.089	ng	98
34) Hexachlorobutadiene	8.17	225	314303	40.694	ng	98
35) Caprolactam	8.44	113	150357m	37.194	ng	
36) 4-Chloro-3-methylphenol	8.57	107	492957	38.789	ng	99
37) 2-Methylnaphthalene	8.73	142	1095913	43.715	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	468858	43.666	ng	99
40) Hexachlorocyclopentadiene	8.89	237	294365	54.494	ng	99

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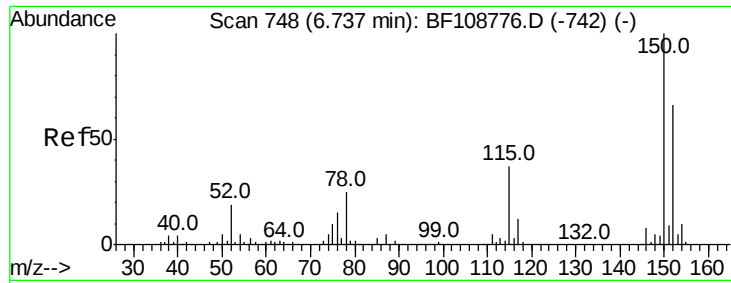
Manual Integrations
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 9/7/2018 11:15:58 AM

Quant Time: Sep 07 03:44:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	302130	41.311	nq	99
43) 2,4,5-Trichlorophenol	9.04	196	312476	41.218	nq	97
45) 1,1'-Biphenyl	9.20	154	1242040	44.915	nq	99
46) 2-Chloronaphthalene	9.22	162	962267	43.026	nq	98
47) 2-Nitroaniline	9.31	65	301981	49.426	nq	97
48) Acenaphthylene	9.63	152	1505041	45.147	nq	99
49) Dimethylphthalate	9.50	163	1644134	65.442	nq	98
50) 2,6-Dinitrotoluene	9.55	165	234991	49.087	nq	92
51) Acenaphthene	9.80	154	855630	41.477	nq	99
52) 3-Nitroaniline	9.71	138	244137	42.842	nq	93
53) 2,4-Dinitrophenol	9.81	184	1026	9.814	nq	# 1
54) Dibenzofuran	9.97	168	1247755	41.494	nq	98
55) 4-Nitrophenol	9.87	139	293757	68.954	nq	97
56) 2,4-Dinitrotoluene	9.95	165	282054	46.071	nq	# 95
57) Fluorene	10.31	166	885551	45.890	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	207548	33.949	nq	89
59) Diethylphthalate	10.20	149	1049963	40.498	nq	96
60) 4-Chlorophenyl-phenylether	10.31	204	433724	42.084	nq	96
61) 4-Nitroaniline	10.32	138	212345	41.132	nq	98
62) Azobenzene	10.47	77	1066376	39.846	nq	97
64) 4,6-Dinitro-2-methylphenol	10.35	198	7732	9.820	nq	85
65) n-Nitrosodiphenylamine	10.42	169	868471	45.763	nq	96
66) 4-Bromophenyl-phenylether	10.80	248	282607	43.837	nq	# 89
67) Hexachlorobenzene	10.87	284	286779	41.671	nq	# 85
68) Atrazine	10.95	200	269837	44.416	nq	98
69) Pentachlorophenol	11.05	266	205066	48.739	nq	99
70) Phenanthrene	11.27	178	1246017	45.713	nq	99
71) Anthracene	11.32	178	1282586	49.145	nq	99
72) Carbazole	11.47	167	1123628	40.882	nq	100
73) Di-n-butylphthalate	11.81	149	1458579	47.789	nq	100
74) Fluoranthene	12.45	202	1285075	47.617	nq	99
76) Benzidine	12.57	184	937430	42.165	nq	99
77) Pyrene	12.68	202	1307129	36.214	nq	99
79) Butylbenzylphthalate	13.30	149	604967	37.219	nq	94
80) Benzo(a)anthracene	13.86	228	1268062	42.176	nq	98
81) 3,3'-Dichlorobenzidine	13.82	252	490922	41.910	nq	96
82) Chrysene	13.89	228	1256648	43.175	nq	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	802230	39.274	nq	99
84) Di-n-octyl phthalate	14.48	149	1578995	46.366	nq	99
85) Indeno(1,2,3-cd)pyrene	16.63	276	1337766	51.935	nq	96
87) Benzo(b)fluoranthene	14.88	252	1393898	40.681	nq	98
88) Benzo(k)fluoranthene	14.91	252	1340772	42.491	nq	99
89) Benzo(a)pyrene	15.22	252	1353160	43.767	nq	98
90) Dibenzo(a,h)anthracene	16.65	278	1125542	41.315	nq	97
91) Benzo(g,h,i)perylene	17.04	276	1047353	38.397	nq	94

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



#1

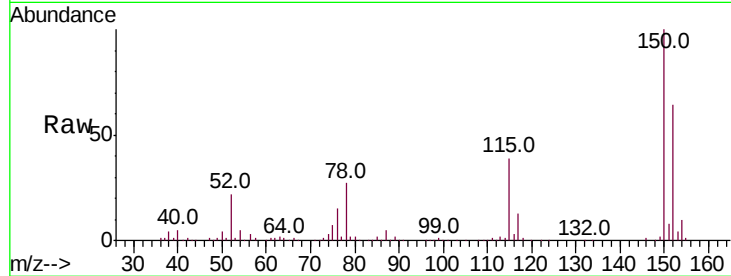
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108844.D
Acq: 7 Sep 2018 00:47

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-J6-MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.6	186.8
115	61.0	50.1	75.1

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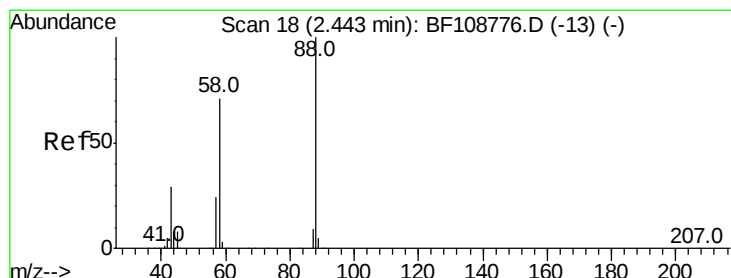
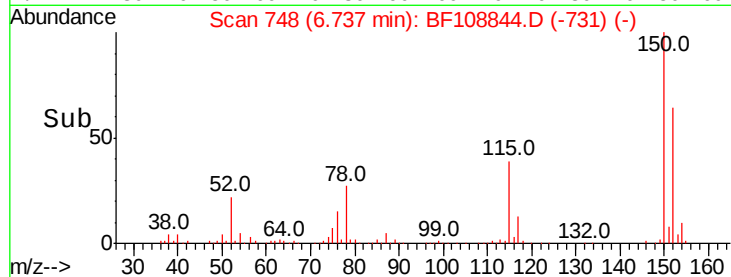
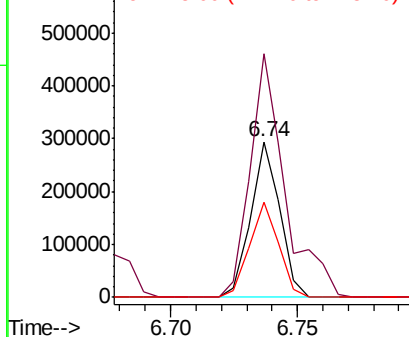


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.627 ng
RT: 2.47 min Scan# 22
Delta R.T. 0.02 min
Lab File: BF108844.D
Acq: 7 Sep 2018 00:47

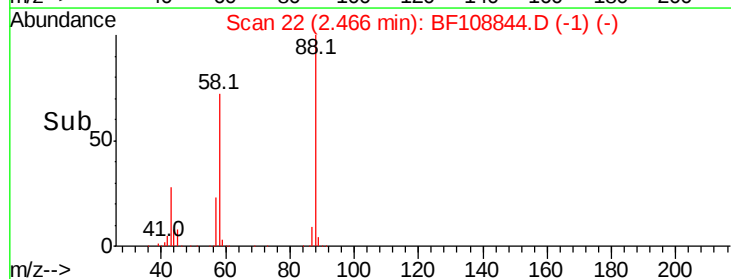
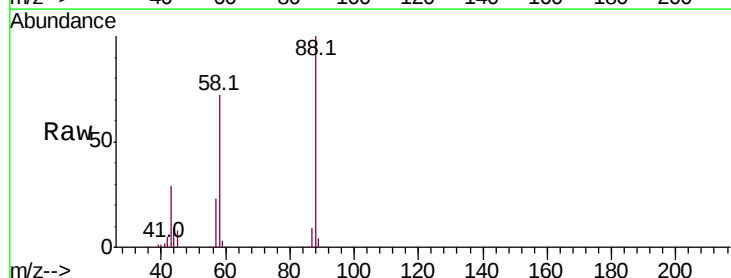
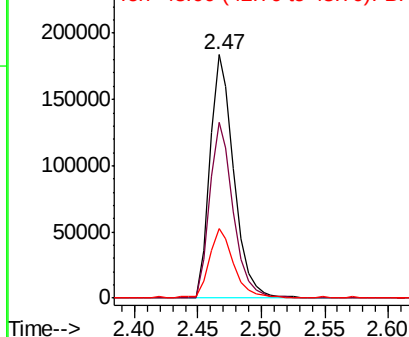
Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.7	62.6	93.8
43	28.4	24.6	37.0

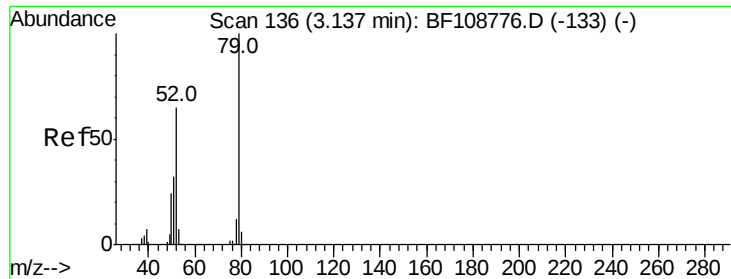
Abundance

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: 35.893 ng

RT: 3.17 min Scan# 142

Delta R.T. 0.04 min

Lab File: BF108844.D

Acq: 7 Sep 2018 00:47

Instrument :

BNA_F

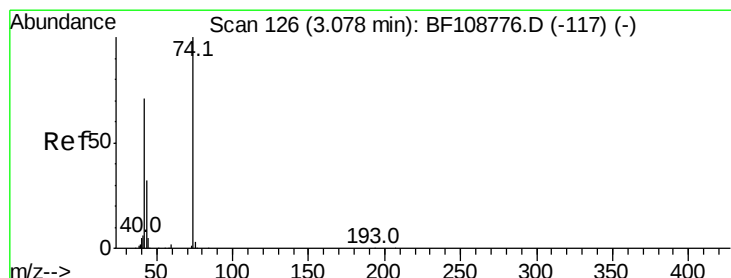
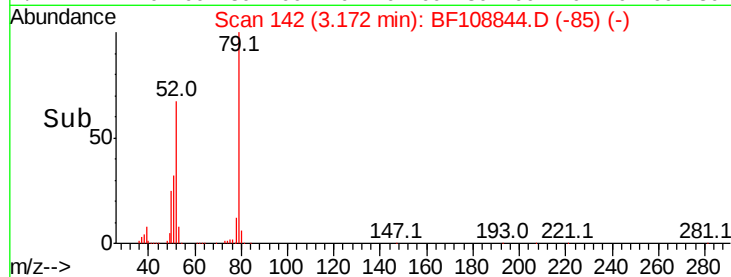
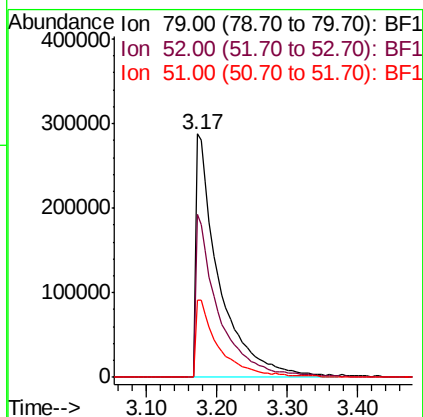
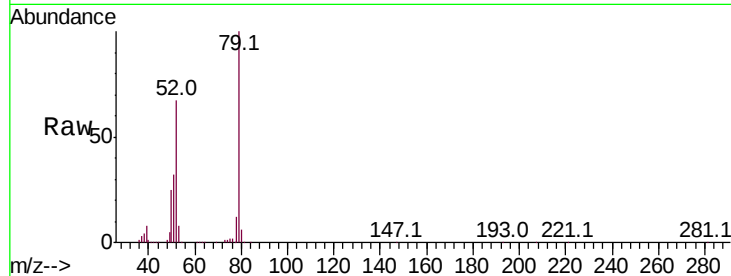
ClientSampleId :

EP1-Q2-J6-MSD

Tot Ion:	79	Resp:	668294
Ion Ratio	Lower	Upper	
79	100		
52	66.8	59.8	89.6
51	31.8	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 44.242 ng

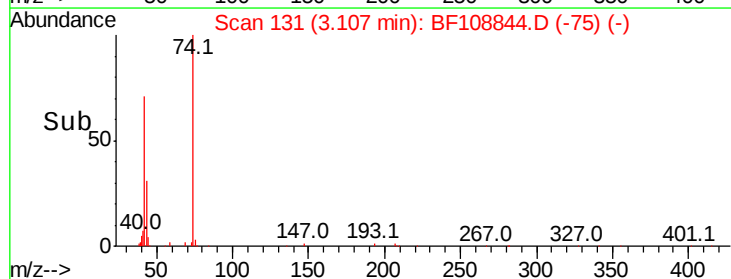
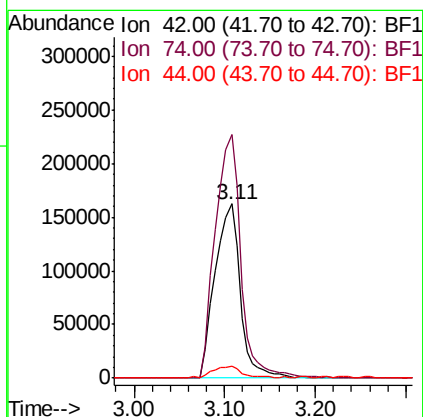
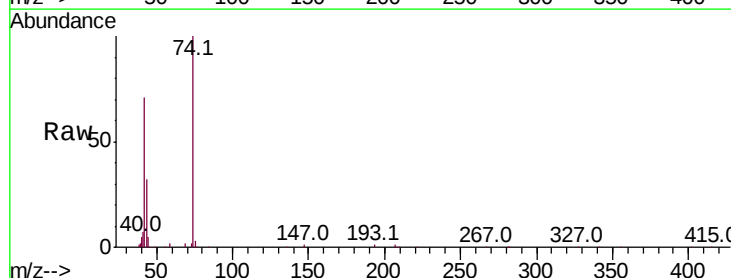
RT: 3.11 min Scan# 131

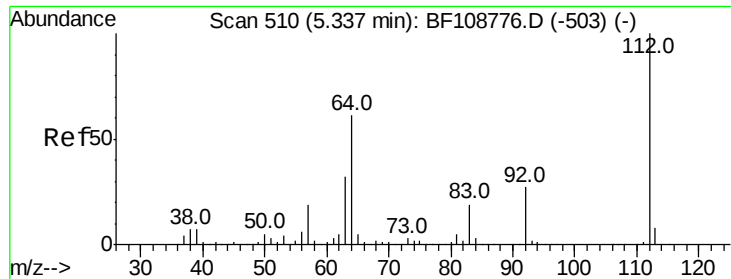
Delta R.T. 0.03 min

Lab File: BF108844.D

Acq: 7 Sep 2018 00:47

Tgt Ion:	42	Resp:	316388
Ion Ratio	Lower	Upper	
42	100		
74	140.0	104.9	157.3
44	6.6	6.9	10.3#





#5

2-Fluorophenol

Concen: 103.430 ng

RT: 5.35 min Scan# 513

Delta R.T. 0.02 min

Lab File: BF108844.D

Acq: 7 Sep 2018 00:47

Instrument :

BNA_F

ClientSampleId :

EP1-Q2-J6-MSD

Tot Ion:112 Resp: 1463199

Ion Ratio Lower Upper

112 100

64 58.9 47.9 71.9

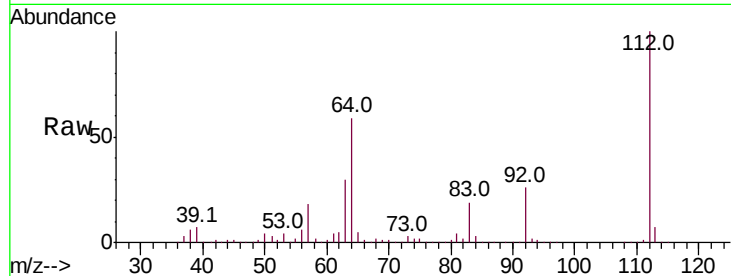
63 30.5 23.7 35.5

Manual Integrations

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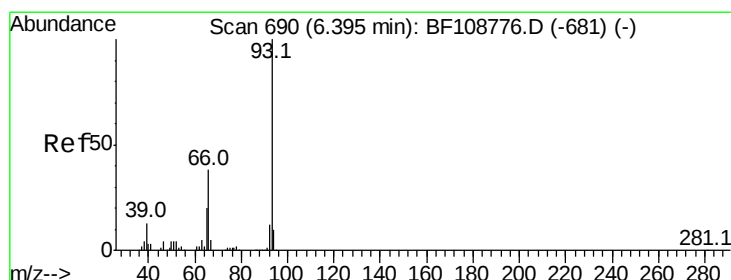
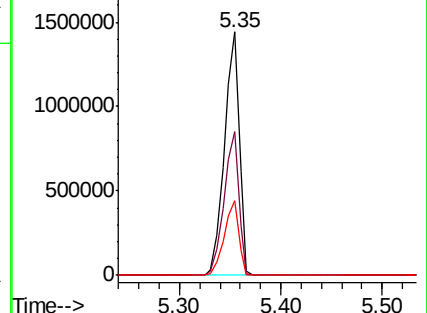
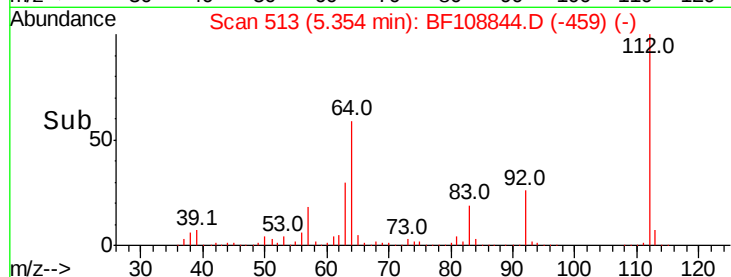
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 33.654 ng

RT: 6.40 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF108844.D

Acq: 7 Sep 2018 00:47

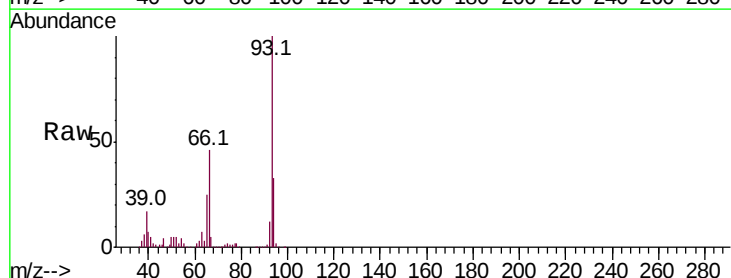
Tgt Ion: 93 Resp: 823902

Ion Ratio Lower Upper

93 100

66 45.6 32.2 48.2

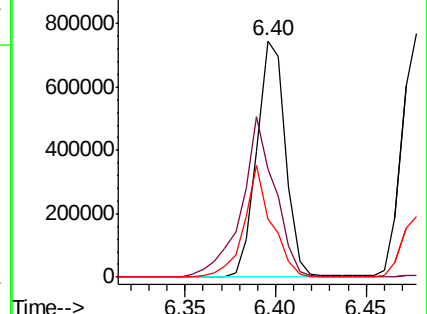
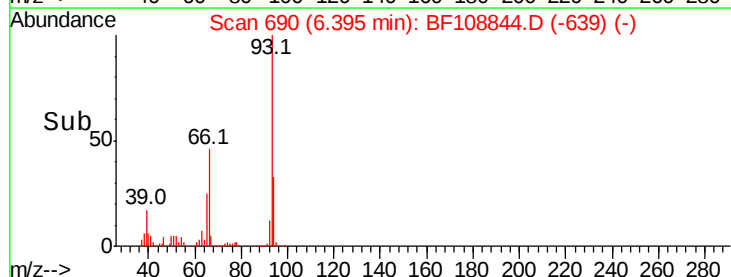
65 24.6 16.4 24.6#

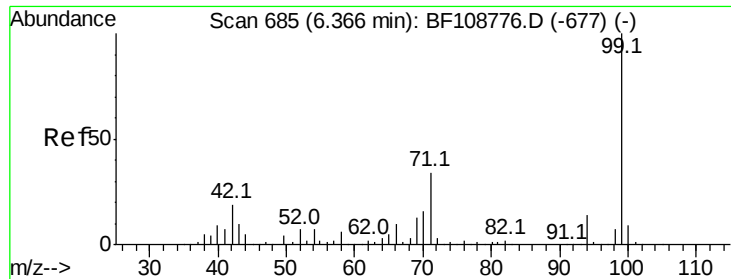


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 104.602 ng

RT: 6.38 min Scan# 687

Delta R.T. 0.01 min

Lab File: BF108844.D

Acq: 7 Sep 2018 00:47

Instrument :

BNA_F

ClientSampleId :

EP1-Q2-J6-MSD

Tot Ion: 99 Resp: 1903968

Ion Ratio Lower Upper

99 100

42 18.7 14.5 21.7

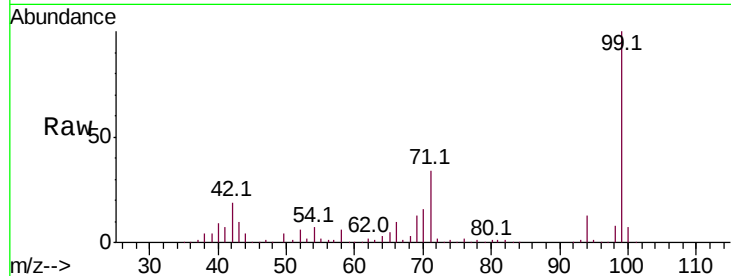
71 33.6 25.4 38.0

Manual Integrations

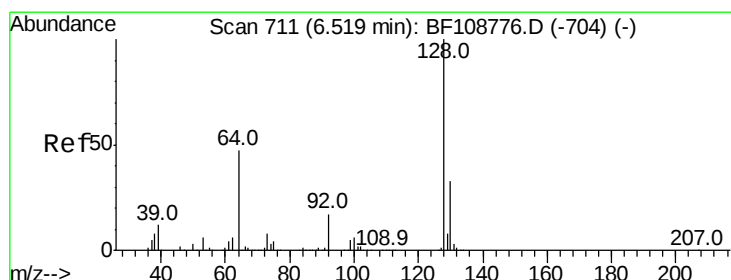
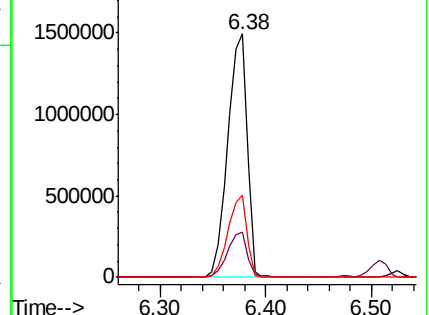
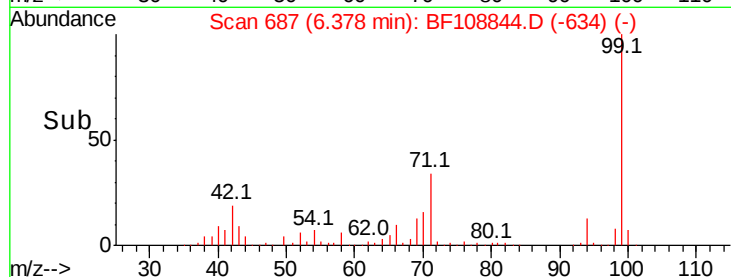
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.229 ng

RT: 6.52 min Scan# 712

Delta R.T. 0.01 min

Lab File: BF108844.D

Acq: 7 Sep 2018 00:47

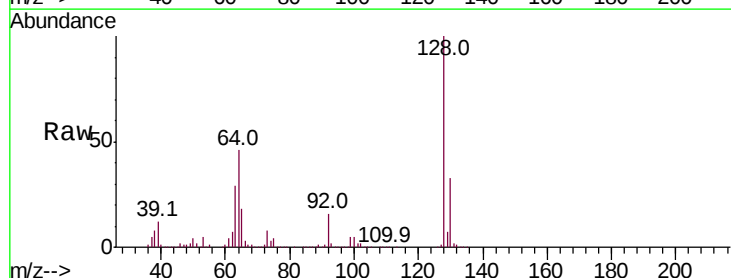
Tgt Ion:128 Resp: 614284

Ion Ratio Lower Upper

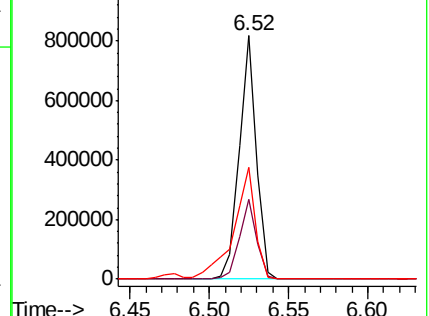
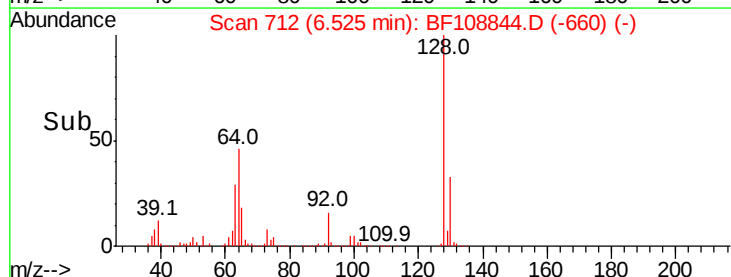
128 100

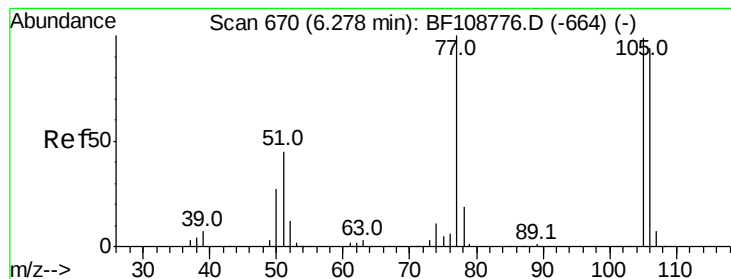
130 32.9 13.0 53.0

64 46.1 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: 28.974 ng

RT: 6.28 min Scan# 670

Delta R.T. -0.00 min

Lab File: BF108844.D

Acq: 7 Sep 2018 00:47

Instrument :

BNA_F

ClientSampled :

EP1-Q2-J6-MSD

Tot Ion: 77 Resp: 374138

Ion Ratio Lower Upper

77 100

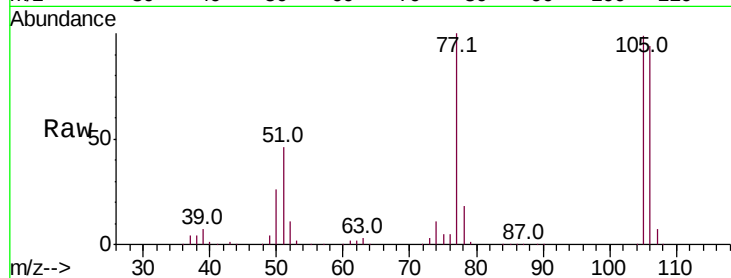
105 99.0 81.1 121.1

106 94.1 74.5 114.5

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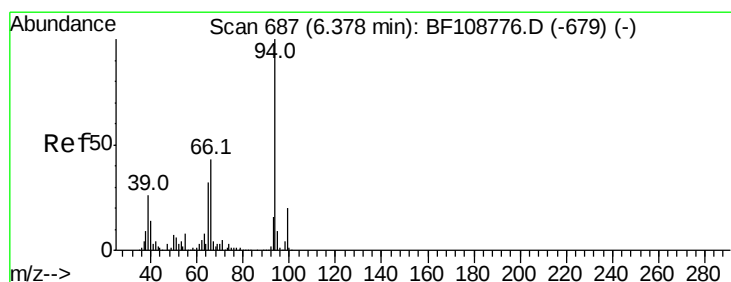
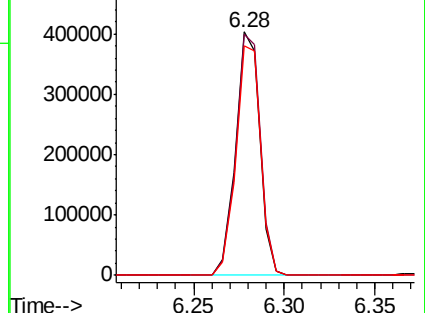
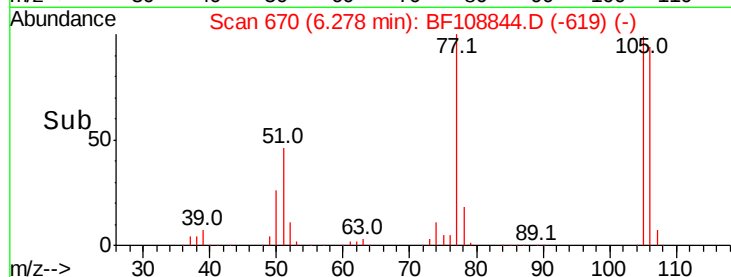
9/7/2018 11:15:58 AM



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: 37.685 ng

RT: 6.39 min Scan# 689

Delta R.T. 0.01 min

Lab File: BF108844.D

Acq: 7 Sep 2018 00:47

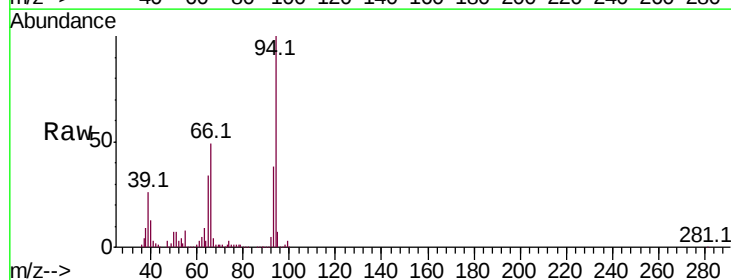
Tgt Ion: 94 Resp: 785663

Ion Ratio Lower Upper

94 100

65 33.9 7.9 47.9

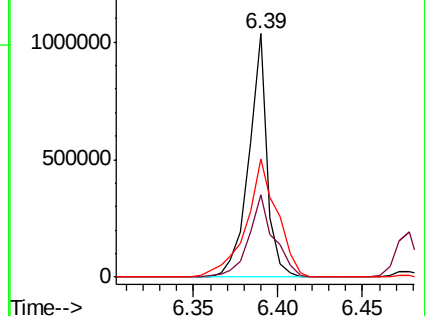
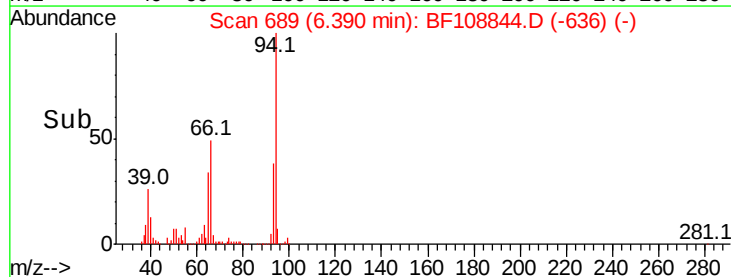
66 48.8 16.2 56.2

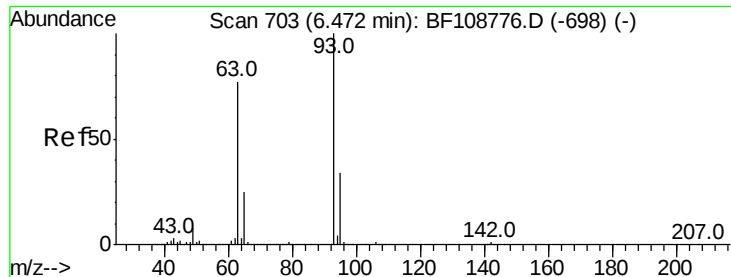


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 37.832 ng

RT: 6.48 min Scan# 704

Delta R.T. 0.01 min

Lab File: BF108844.D

Acq: 7 Sep 2018 00:47

Instrument :

BNA_F

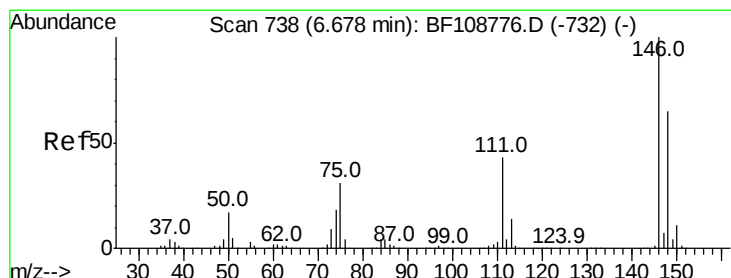
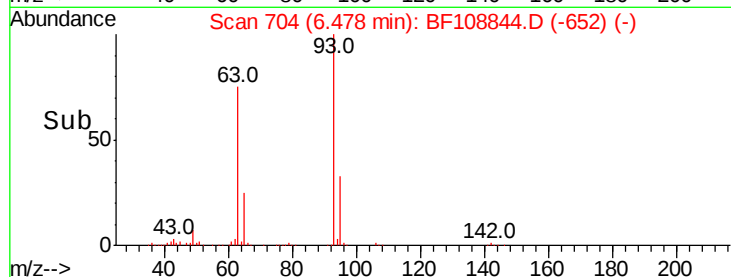
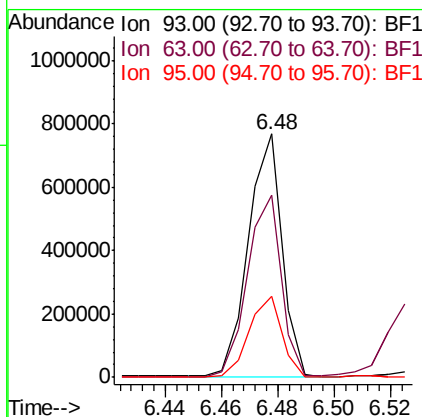
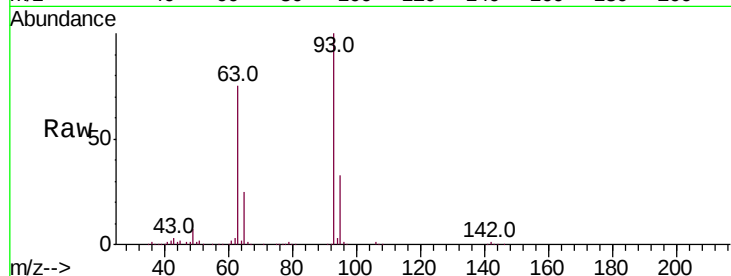
ClientSampleId :

EP1-Q2-J6-MSD

Tot Ion:	93	Resp:	631832
Ion Ratio	Lower	Upper	
93	100		
63	74.9	58.6	98.6
95	33.1	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 37.932 ng

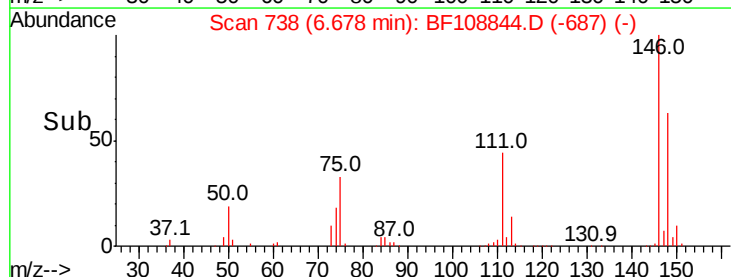
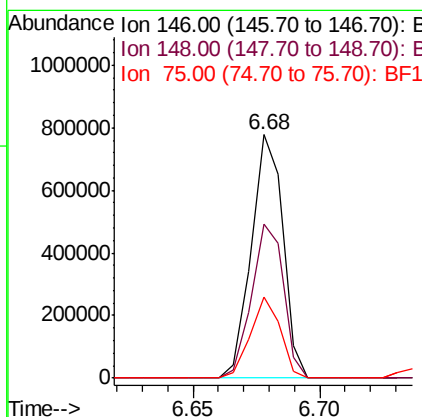
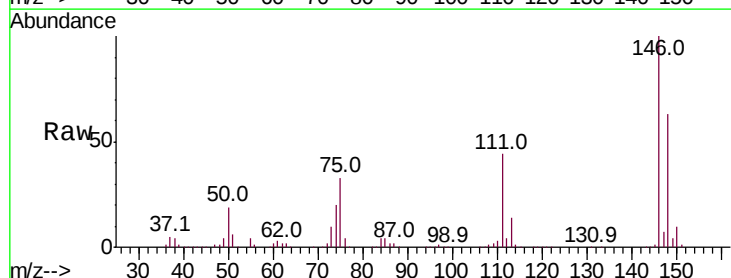
RT: 6.68 min Scan# 738

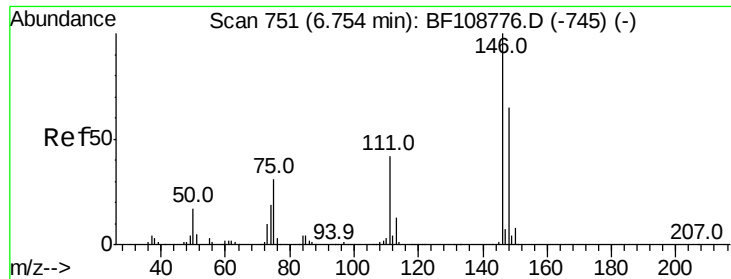
Delta R.T. -0.00 min

Lab File: BF108844.D

Acq: 7 Sep 2018 00:47

Tgt Ion:	146	Resp:	677813
Ion Ratio	Lower	Upper	
146	100		
148	63.2	51.8	77.8
75	33.3	24.2	36.4





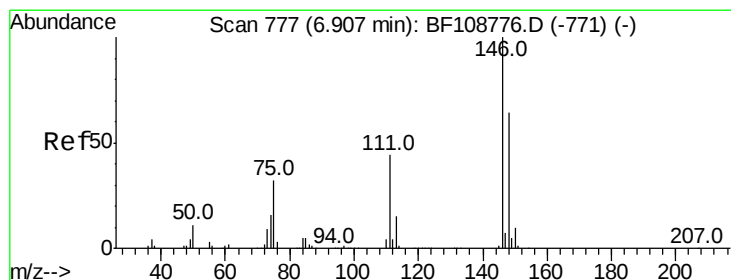
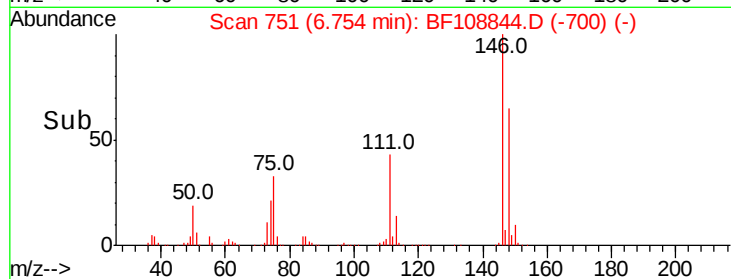
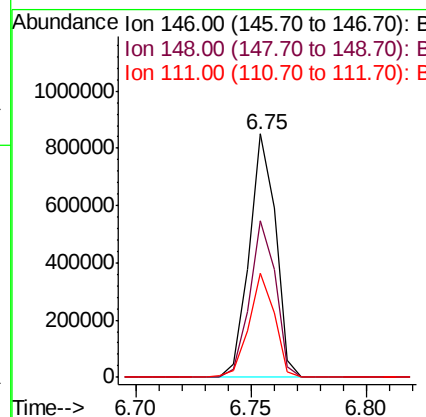
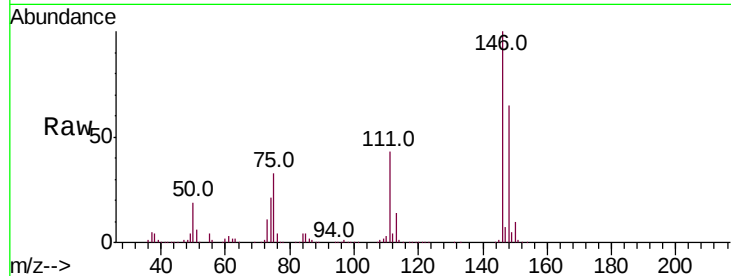
#13
 1,4-Dichlorobenzene
 Concen: 38.126 ng
 RT: 6.75 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF108844.D
 Acq: 7 Sep 2018 00:47

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-J6-MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.8	76.2
111	42.8	34.2	51.2

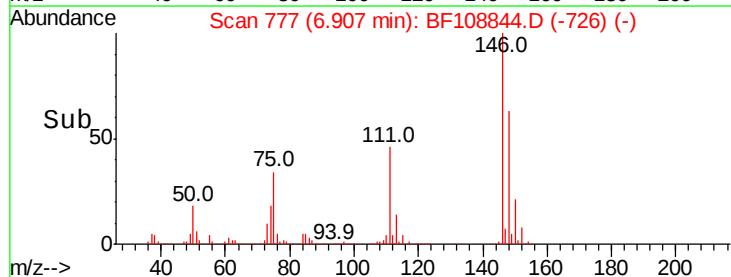
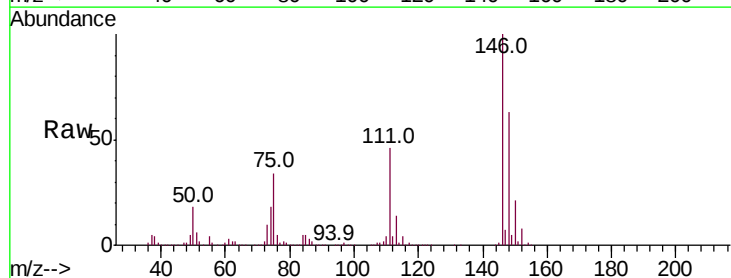
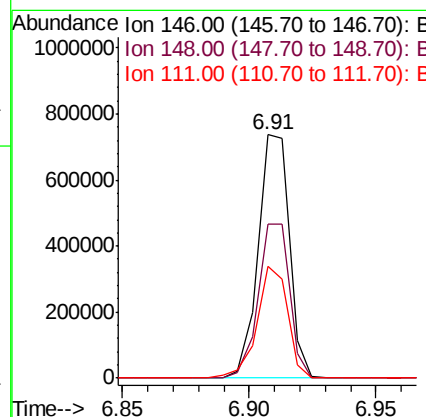
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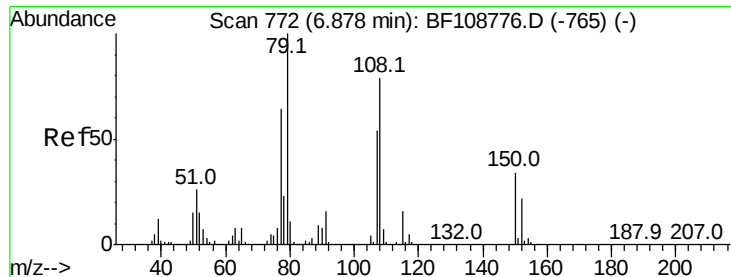
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 38.649 ng
 RT: 6.91 min Scan# 777
 Delta R.T. -0.00 min
 Lab File: BF108844.D
 Acq: 7 Sep 2018 00:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.6	75.8
111	45.7	36.0	54.0





#15

Benzyl Alcohol

Concen: 39.387 ng

RT: 6.88 min Scan# 772

Delta R.T. -0.00 min

Lab File: BF108844.D

Acq: 7 Sep 2018 00:47

Instrument :

BNA_F

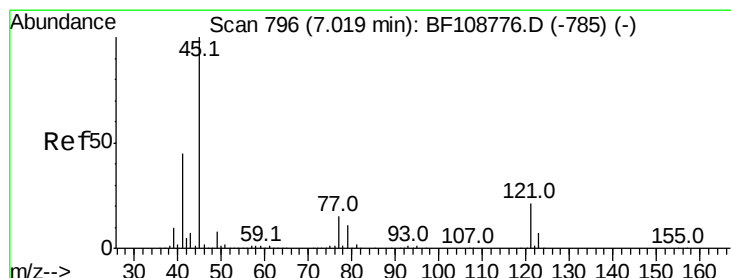
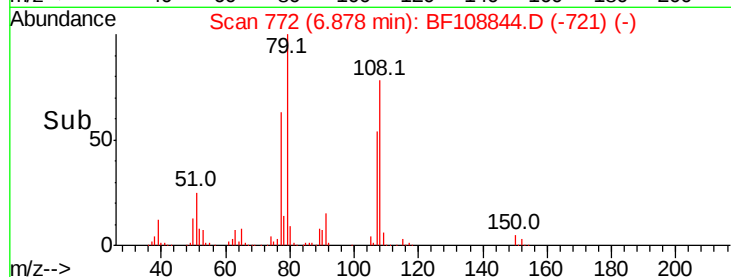
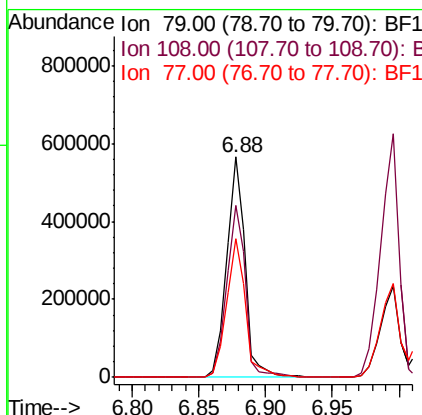
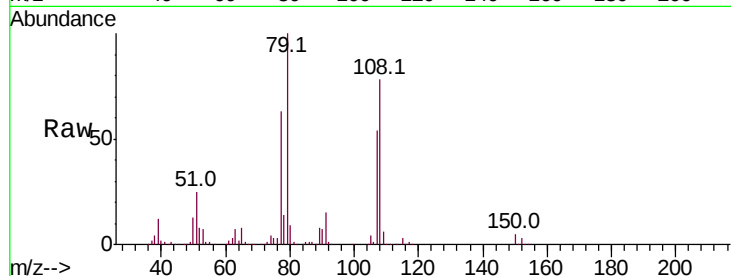
ClientSampleId :

EP1-Q2-J6-MSD

Tot Ion:	79	Resp:	550189
Ion Ratio	Lower	Upper	
79	100		
108	78.3	65.1	97.7
77	63.0	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.378 ng

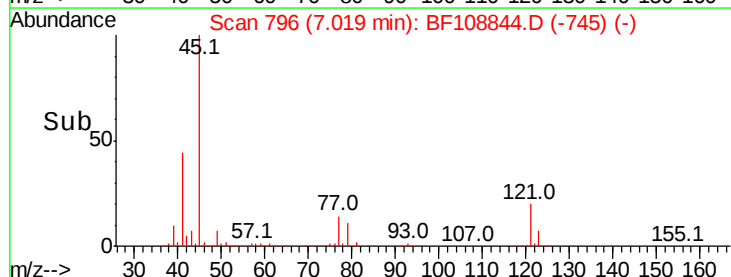
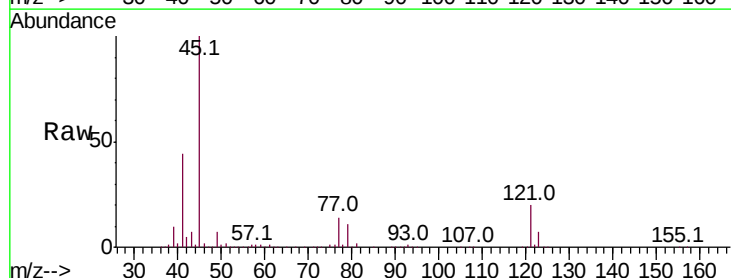
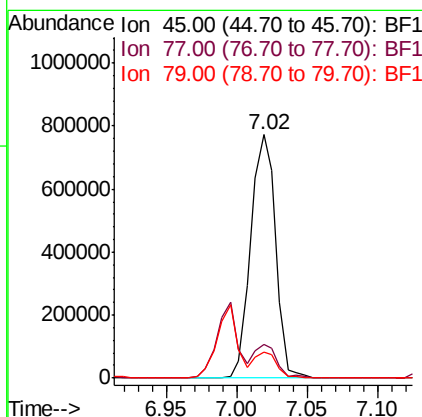
RT: 7.02 min Scan# 796

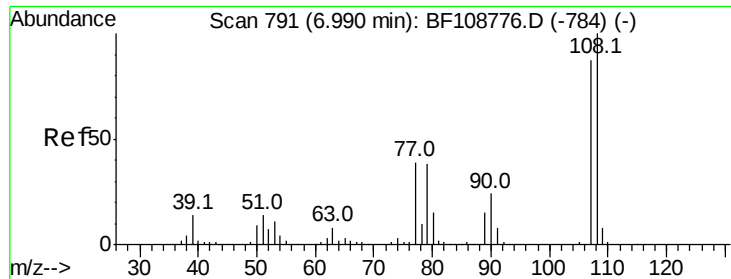
Delta R.T. -0.00 min

Lab File: BF108844.D

Acq: 7 Sep 2018 00:47

Tgt Ion:	45	Resp:	958094
Ion Ratio	Lower	Upper	
45	100		
77	13.8	0.0	32.9
79	10.6	0.0	29.6





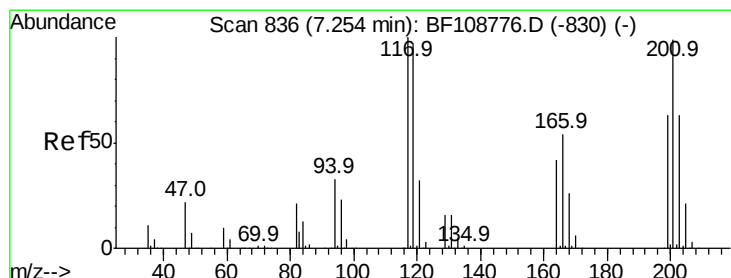
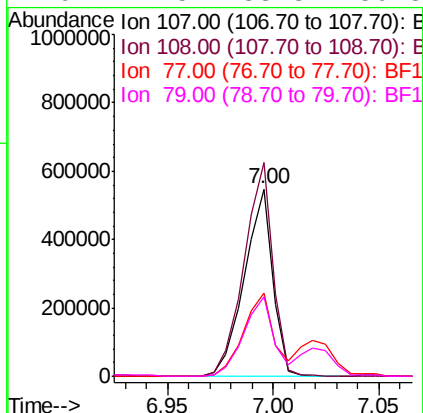
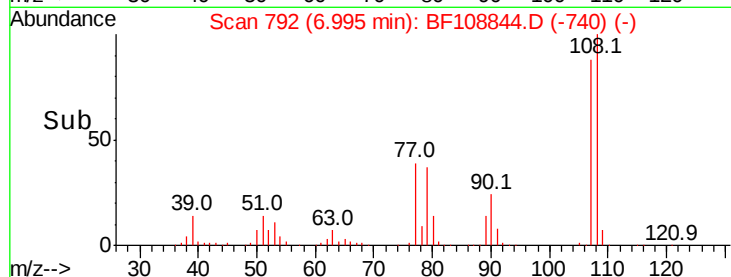
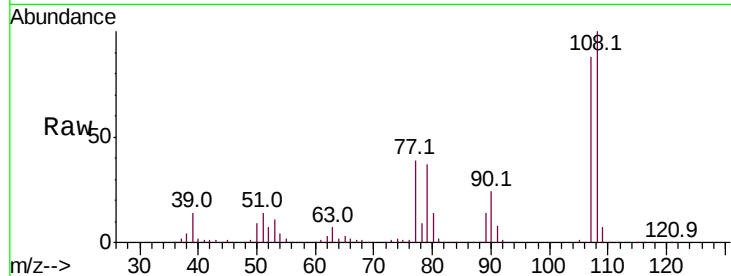
#17
2-Methylphenol
Concen: 38.594 ng
RT: 7.00 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF108844.D
Acq: 7 Sep 2018 00:47

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-J6-MSD

Tot Ion:	107	Resp:	510723
Ion Ratio	Lower	Upper	
107	100		
108	114.1	91.7	137.5
77	44.3	33.8	50.8
79	42.5	33.8	50.8

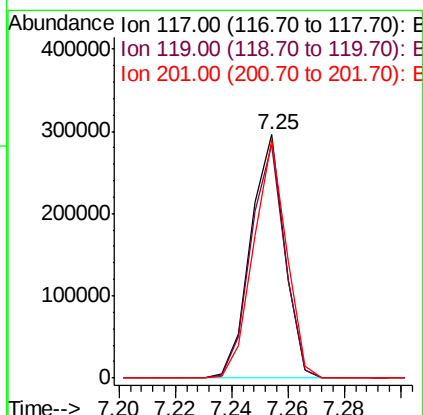
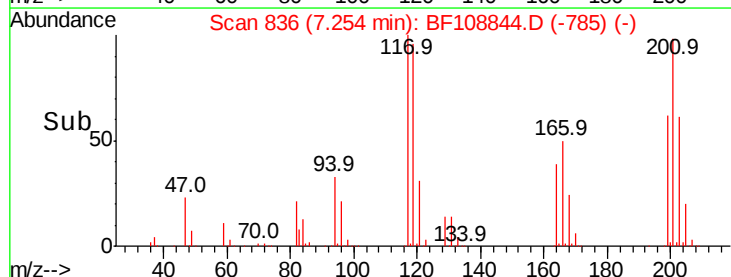
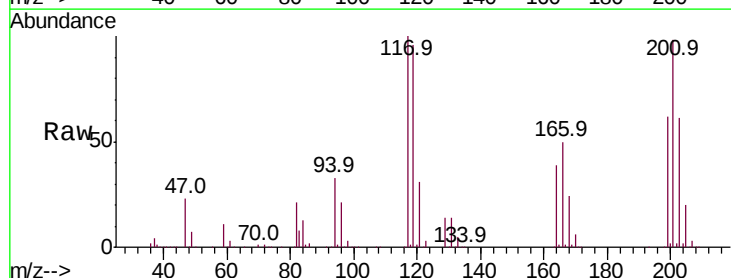
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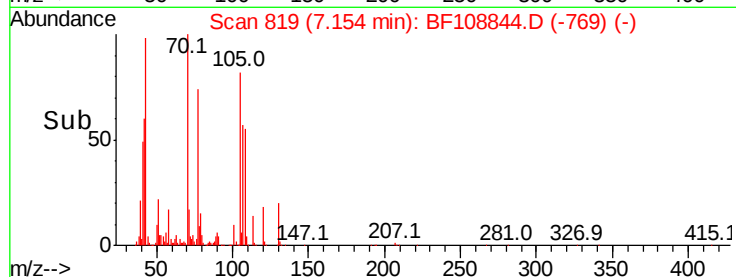
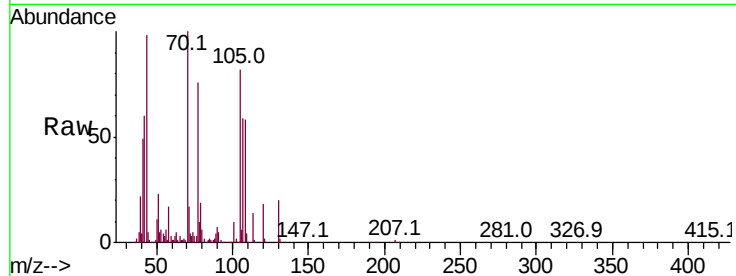
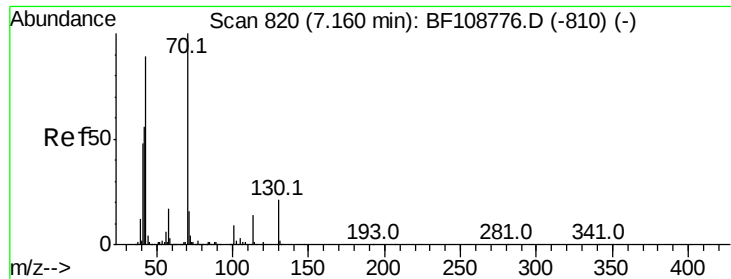
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#18
Hexachloroethane
Concen: 38.043 ng
RT: 7.25 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF108844.D
Acq: 7 Sep 2018 00:47

Tgt Ion:	117	Resp:	245122
Ion Ratio	Lower	Upper	
117	100		
119	96.1	75.8	113.8
201	98.0	75.7	113.5





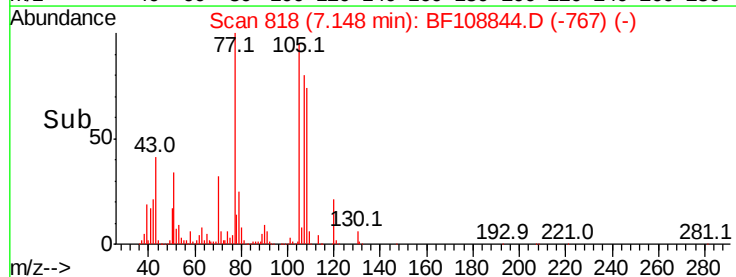
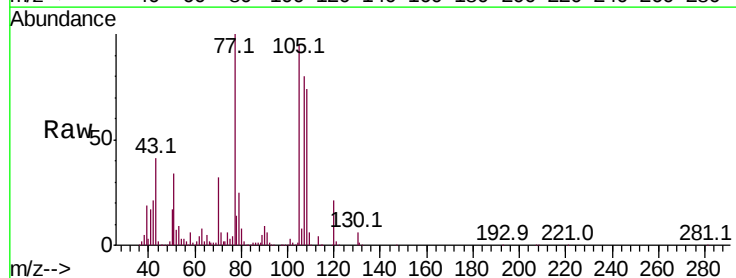
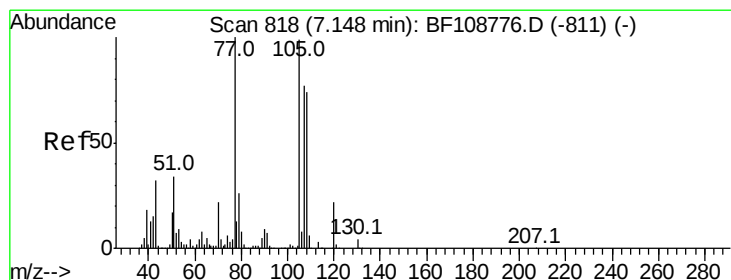
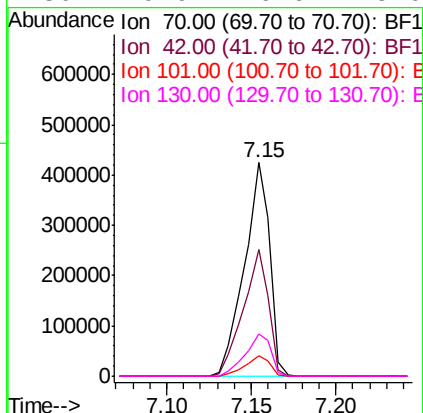
#19
n-Nitroso-di-n-propylamine
Concen: 35.129 ng
RT: 7.15 min Scan# 819
Delta R.T. -0.01 min
Lab File: BF108844.D
Acq: 7 Sep 2018 00:47

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-J6-MSD

Tot Ion	Ion	Ratio	Lower	Upper
444462	70	100		
	42	59.6	47.5	71.3
	101	9.8	7.4	11.2
	130	19.9	16.6	25.0

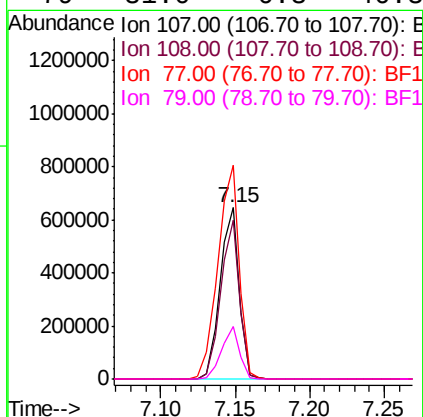
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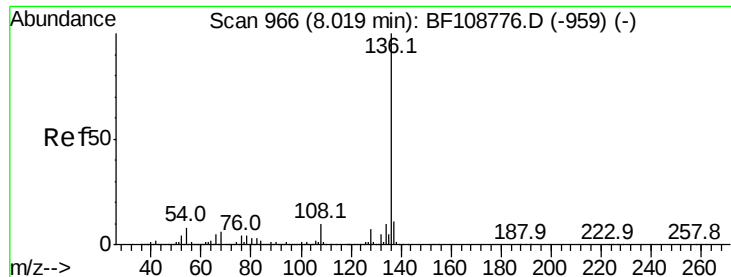
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#20
3+4-Methylphenols
Concen: 37.678 ng
RT: 7.15 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF108844.D
Acq: 7 Sep 2018 00:47

Tgt Ion	Ion	Ratio	Lower	Upper
584075	107	100		
	108	92.4	68.2	108.2
	77	124.8	26.7	66.7#
	79	31.0	6.3	46.3





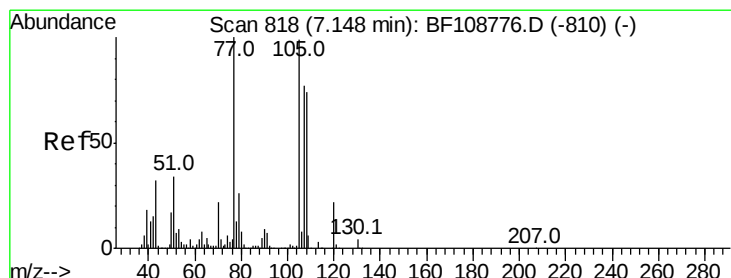
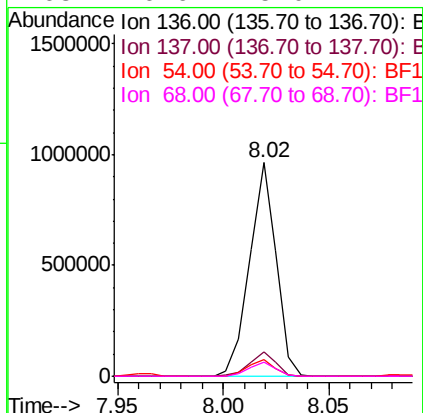
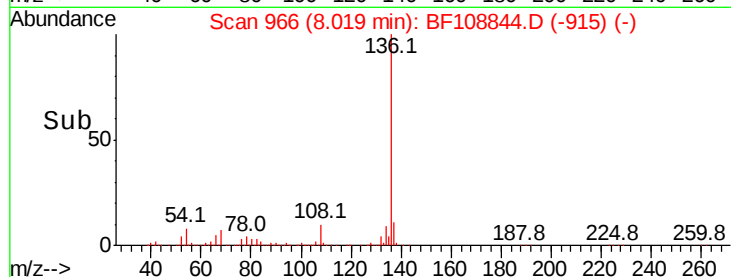
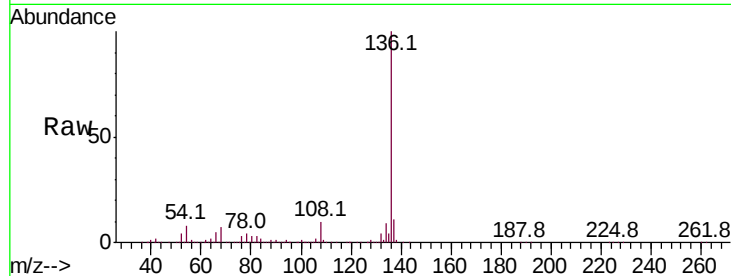
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108844.D
Acq: 7 Sep 2018 00:47

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-J6-MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.9	13.3	
54	7.5	6.6	9.8	
68	6.6	5.0	7.4	

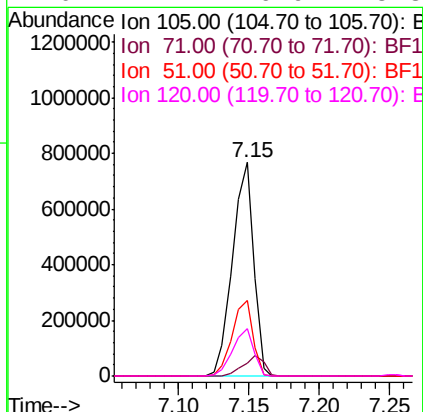
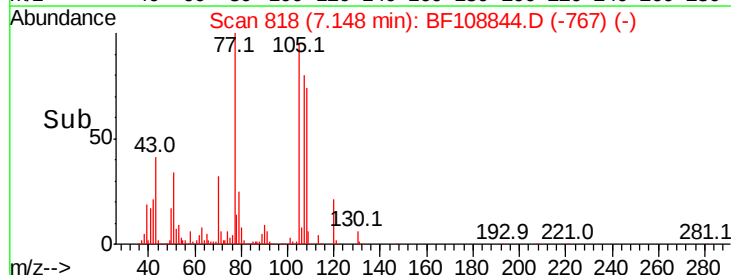
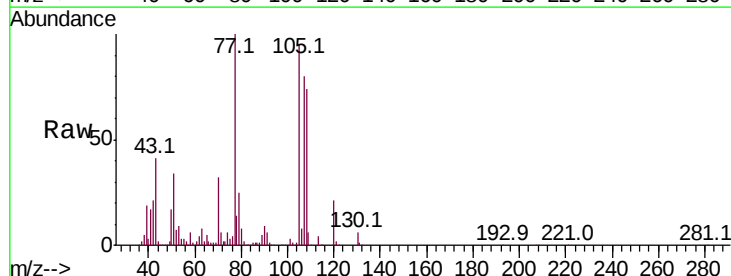
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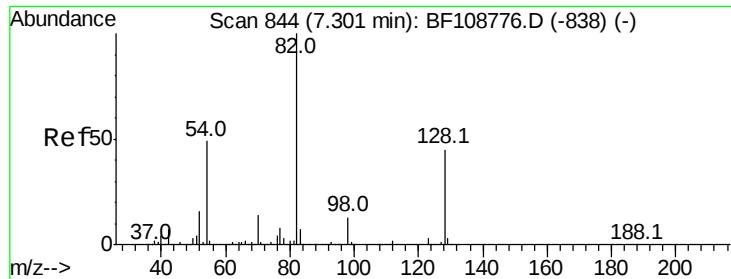
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#22
Acetophenone
Concen: 41.760 ng
RT: 7.15 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF108844.D
Acq: 7 Sep 2018 00:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.8	4.4	6.6	
51	35.6	22.3	33.5	
120	22.2	16.9	25.3	





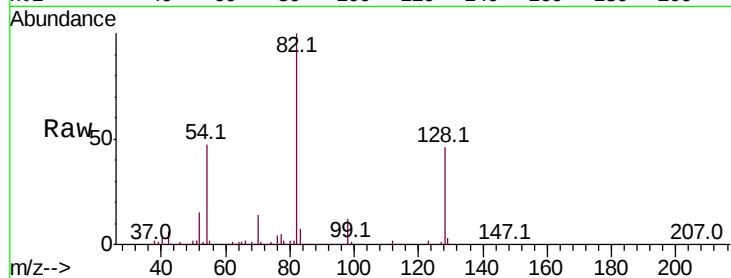
#23
Nitrobenzene-d5
Concen: 89.058 ng
RT: 7.30 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF108844.D
Acq: 7 Sep 2018 00:47

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-J6-MSD

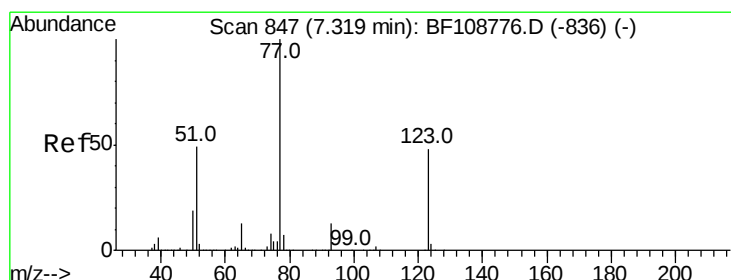
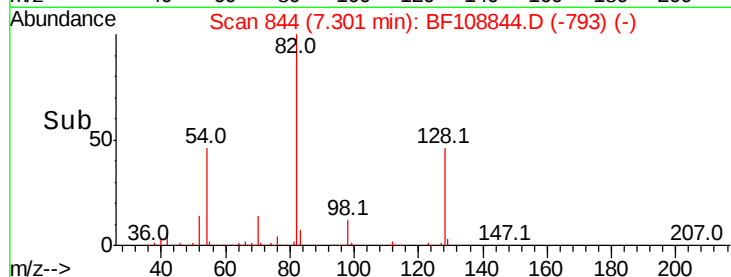
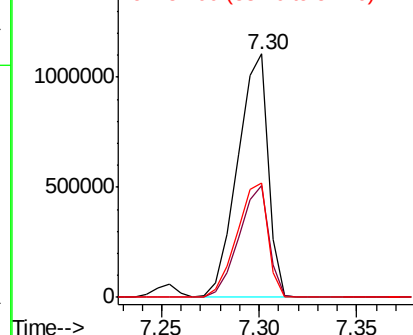
Tot Ion: 82 Resp: 1200313
Ion Ratio Lower Upper
82 100
128 45.7 36.1 54.1
54 46.8 41.4 62.2

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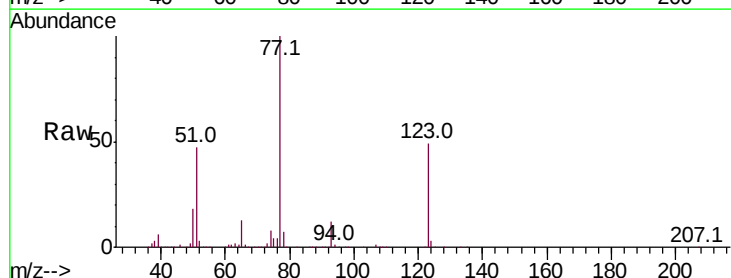


Abundance Ion 82.00 (81.70 to 82.70): BF1
1500000 Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

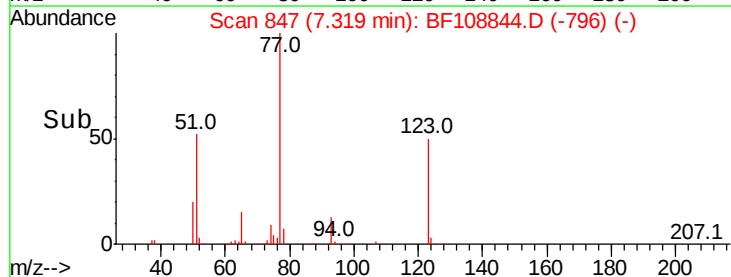
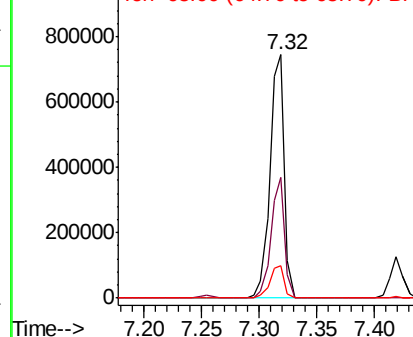


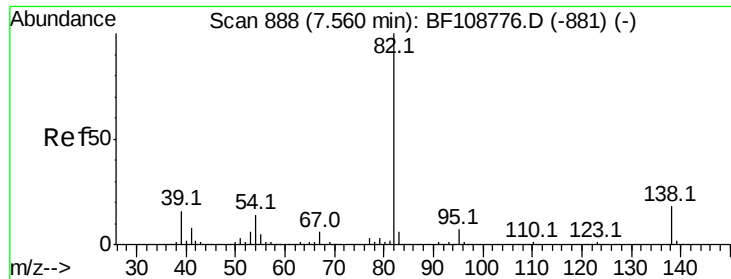
#24
Nitrobenzene
Concen: 45.328 ng
RT: 7.32 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF108844.D
Acq: 7 Sep 2018 00:47

Tgt Ion: 77 Resp: 655509
Ion Ratio Lower Upper
77 100
123 49.3 37.9 56.9
65 13.1 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
1000000 Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 44.675 ng

RT: 7.56 min Scan# 888

Delta R.T. -0.00 min

Lab File: BF108844.D

Acq: 7 Sep 2018 00:47

Instrument :

BNA_F

ClientSampleId :

EP1-Q2-J6-MSD

Tot Ion: 82 Resp: 1201051

Ion Ratio Lower Upper

82 100

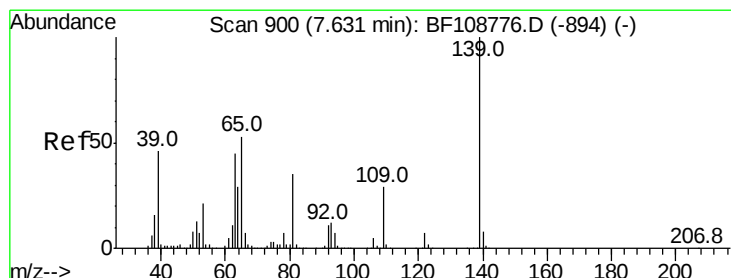
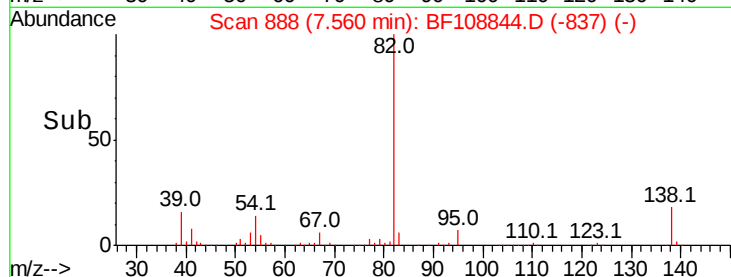
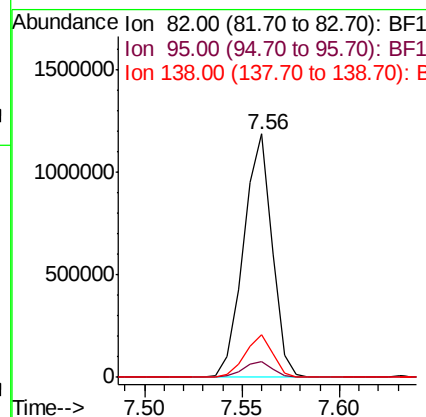
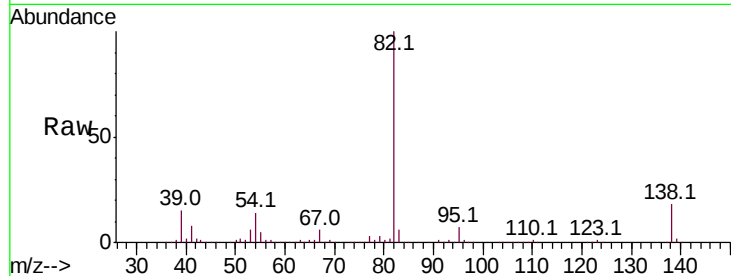
95 6.6 5.2 7.8

138 17.7 14.9 22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.295 ng

RT: 7.64 min Scan# 901

Delta R.T. 0.01 min

Lab File: BF108844.D

Acq: 7 Sep 2018 00:47

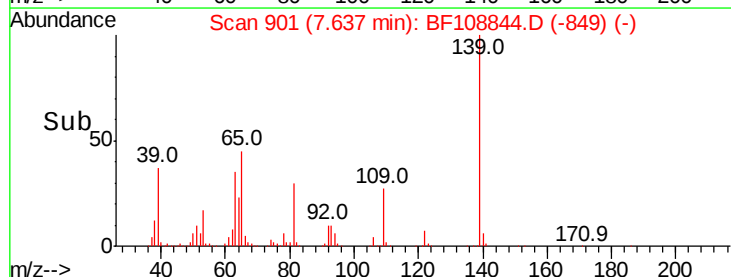
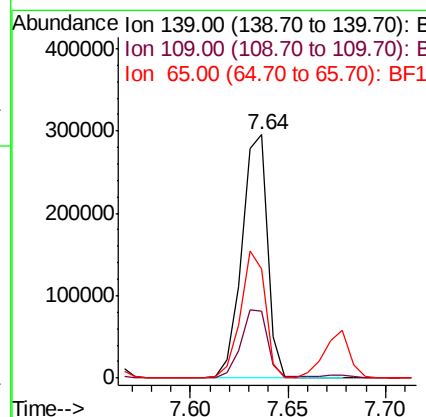
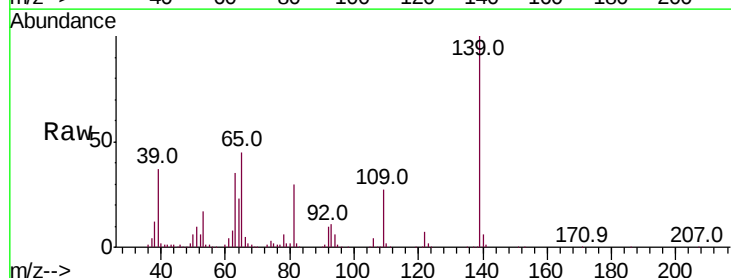
Tgt Ion: 139 Resp: 269457

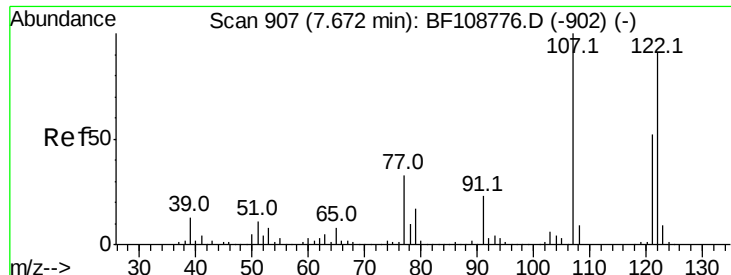
Ion Ratio Lower Upper

139 100

109 27.3 22.7 34.1

65 44.8 40.5 60.7





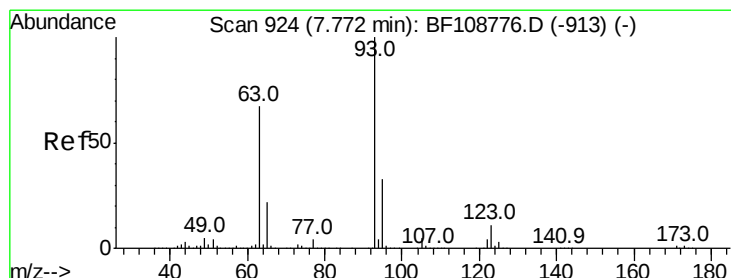
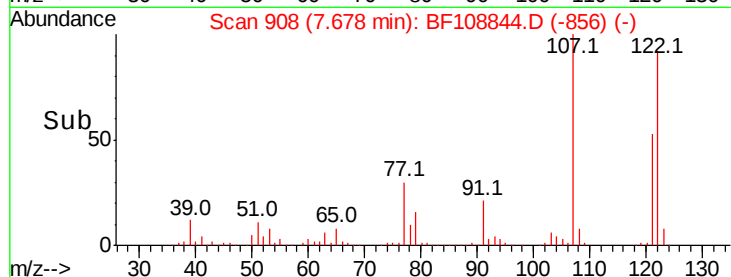
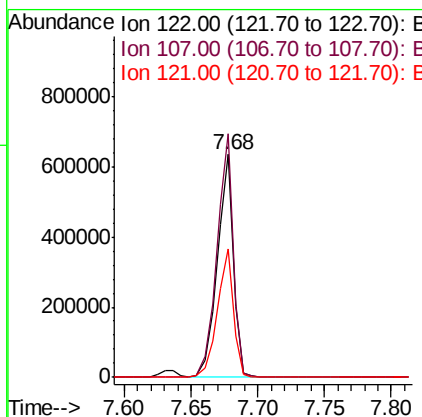
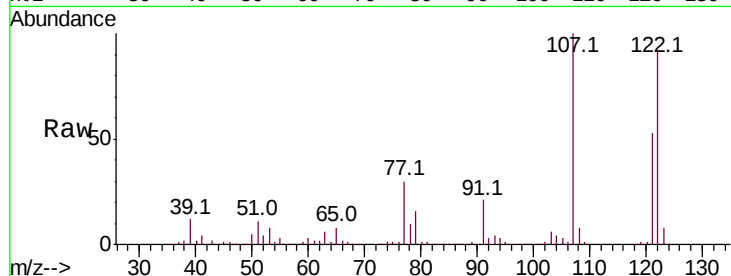
#27
2,4-Dimethylphenol
Concen: 46.883 ng
RT: 7.68 min Scan# 908
Delta R.T. 0.01 min
Lab File: BF108844.D
Acq: 7 Sep 2018 00:47

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-J6-MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	542416		
107	109.2	91.2	136.8	
121	57.7	47.2	70.8	

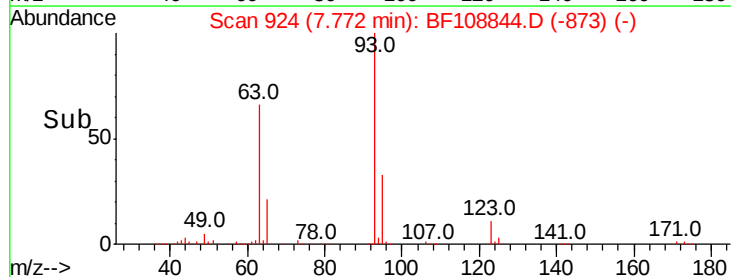
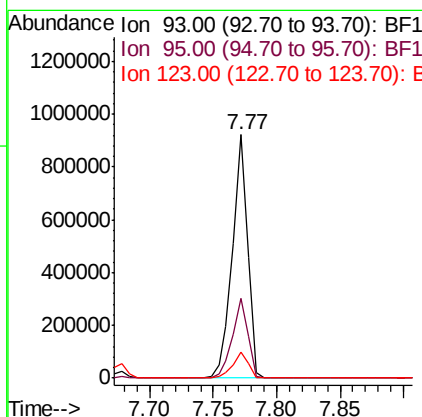
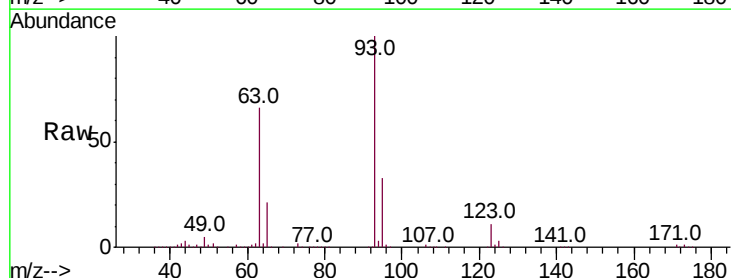
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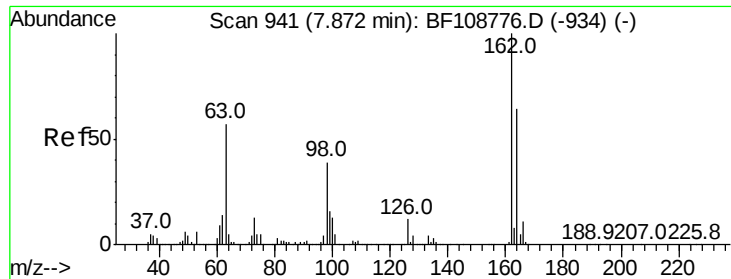
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 42.490 ng
RT: 7.77 min Scan# 924
Delta R.T. -0.00 min
Lab File: BF108844.D
Acq: 7 Sep 2018 00:47

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	763735		
95	32.7	26.3	39.5	
123	10.9	9.8	14.6	





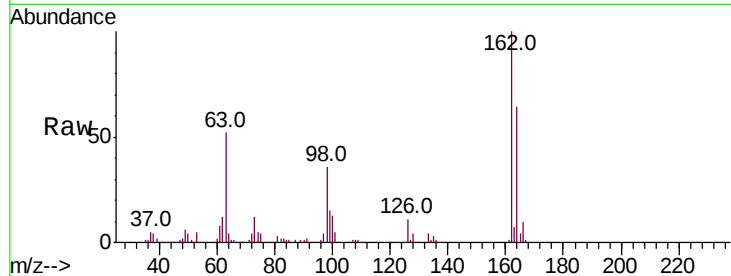
#29
2,4-Dichlorophenol
Concen: 40.461 ng
RT: 7.88 min Scan# 942
Delta R.T. 0.01 min
Lab File: BF108844.D
Acq: 7 Sep 2018 00:47

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-J6-MSD

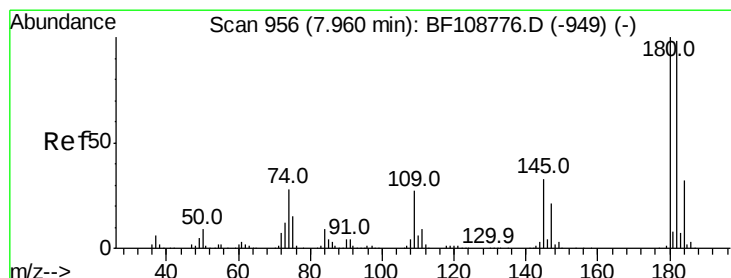
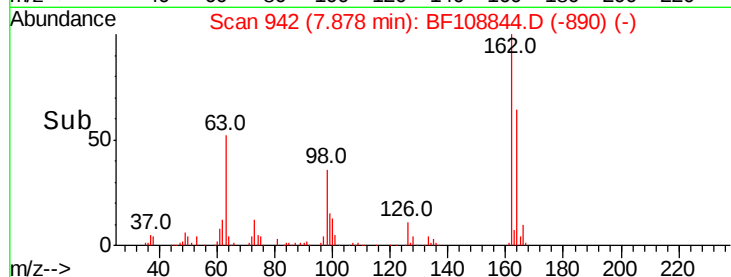
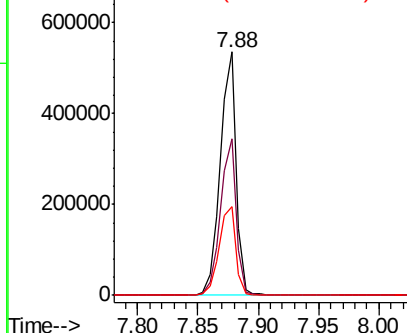
Tot Ion	Ratio	Resp	Lower	Upper
162	100	482687		
164	64.2	42.7	82.7	
98	36.2	18.1	58.1	

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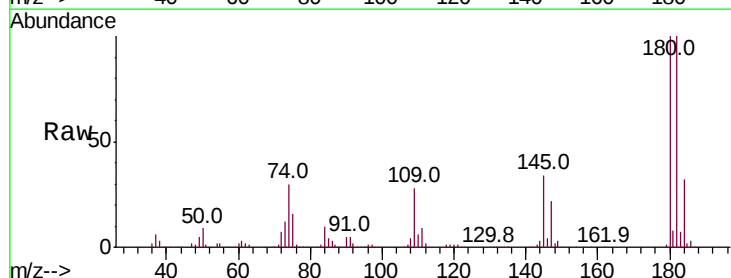


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

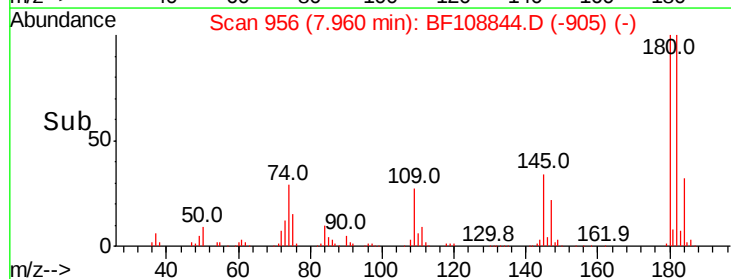
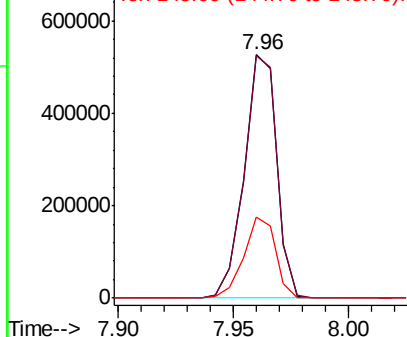


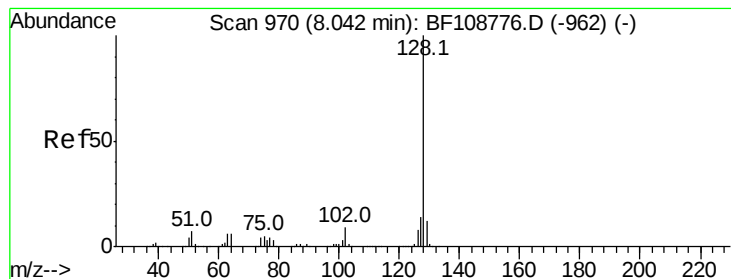
#30
1,2,4-Trichlorobenzene
Concen: 40.144 ng
RT: 7.96 min Scan# 956
Delta R.T. -0.00 min
Lab File: BF108844.D
Acq: 7 Sep 2018 00:47

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	519013		
182	99.6	76.8	115.2	
145	33.5	26.5	39.7	



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





#31

Naphthalene

Concen: 44.027 ng

RT: 8.04 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF108844.D

Acq: 7 Sep 2018 00:47

Instrument :

BNA_F

ClientSampleId :

EP1-Q2-J6-MSD

Tot Ion:128 Resp: 1670703

Ion Ratio Lower Upper

128 100

129 11.9 8.8 13.2

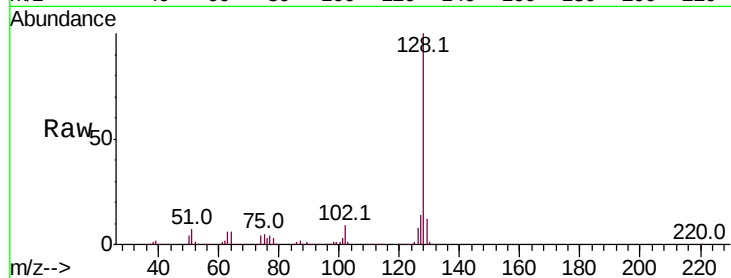
127 13.9 10.9 16.3

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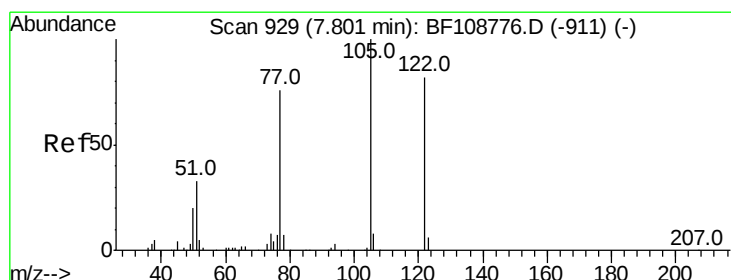
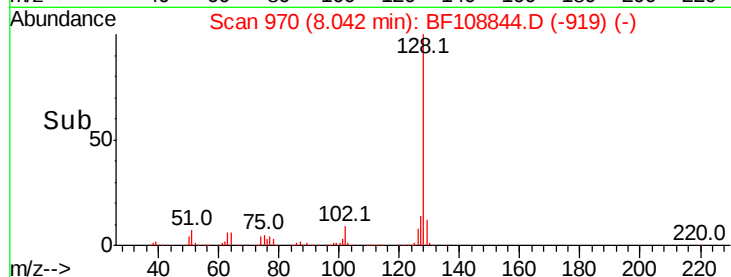
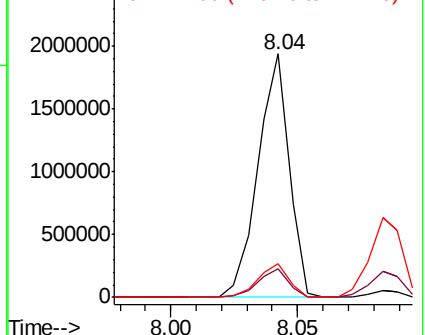


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 4.427 ng m

RT: 7.80 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF108844.D

Acq: 7 Sep 2018 00:47

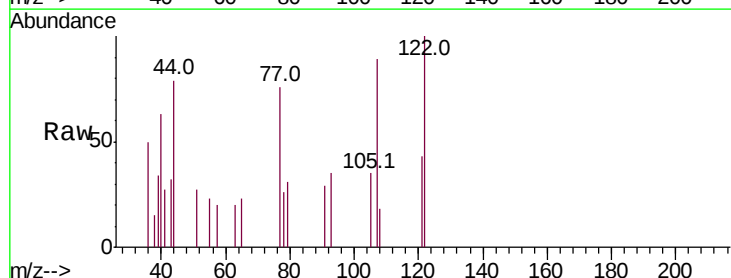
Tgt Ion:122 Resp: 2968

Ion Ratio Lower Upper

122 100

105 34.9 101.1 141.1#

77 75.6 70.7 110.7

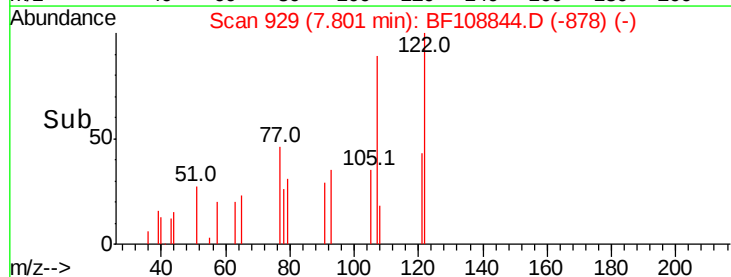
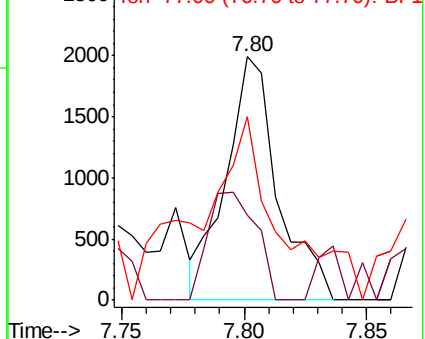


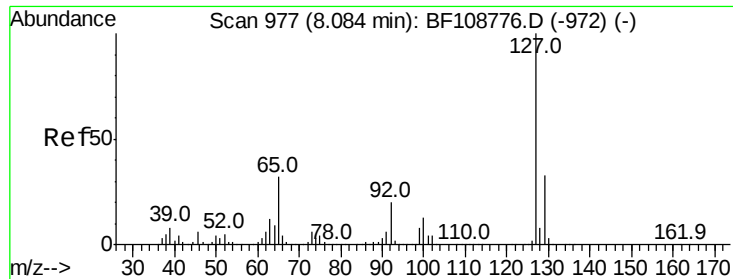
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





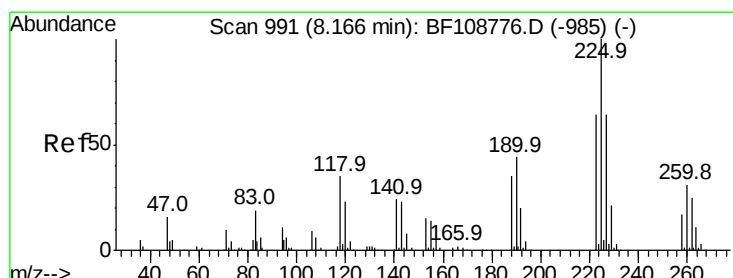
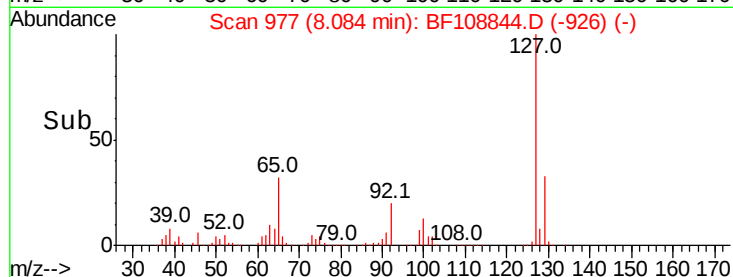
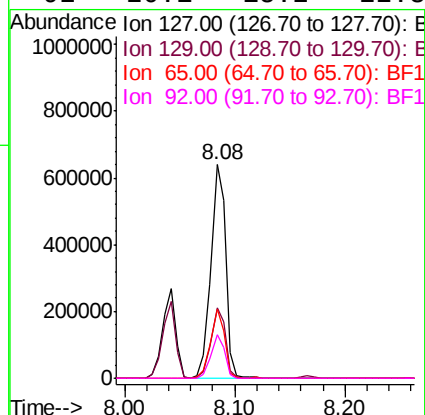
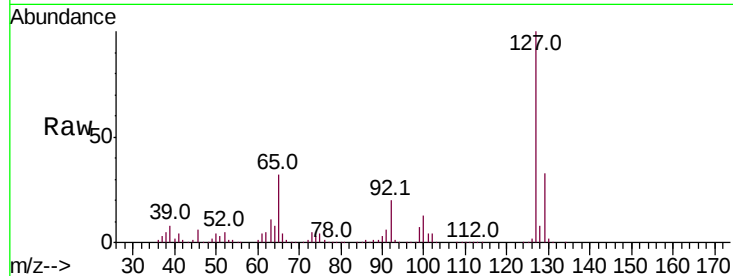
#33
4-Chloroaniline
Concen: 33.089 ng
RT: 8.08 min Scan# 977
Delta R.T. -0.00 min
Lab File: BF108844.D
Acq: 7 Sep 2018 00:47

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-J6-MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.9	25.9	38.9		
65	32.2	25.0	37.4		
92	20.1	15.2	22.8		

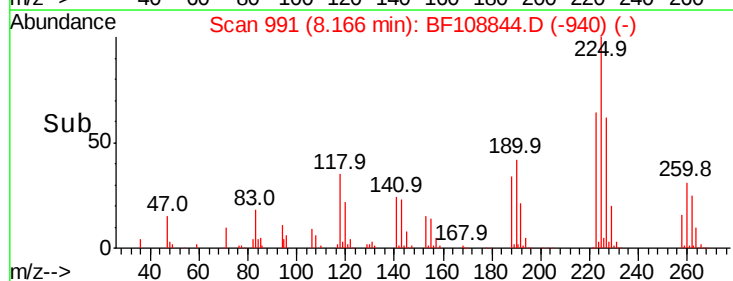
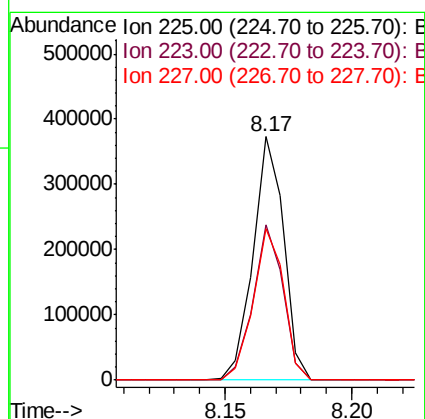
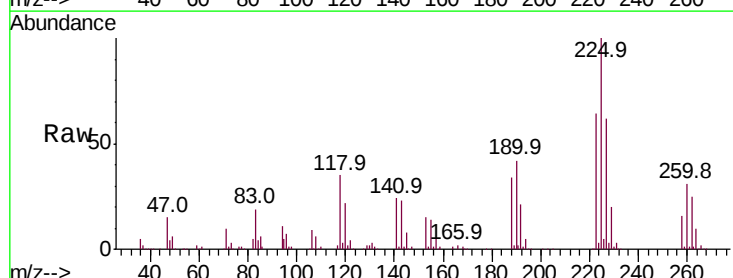
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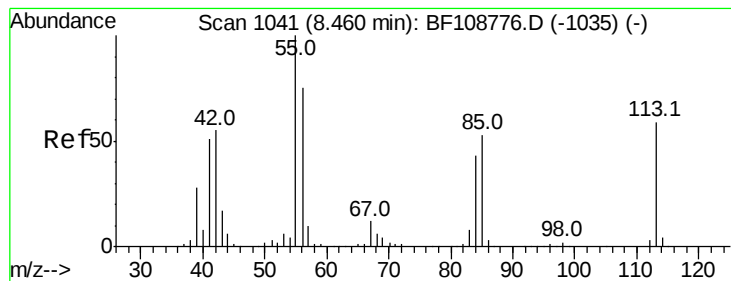
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#34
Hexachlorobutadiene
Concen: 40.694 ng
RT: 8.17 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF108844.D
Acq: 7 Sep 2018 00:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.5	50.6	76.0		
227	62.0	51.9	77.9		





#35

Caprolactam

Concen: 37.194 ng/mL

RT: 8.44 min Scan# 1037

Delta R.T. -0.02 min

Lab File: BF108844.D

Acq: 7 Sep 2018 00:47

Instrument :

BNA_F

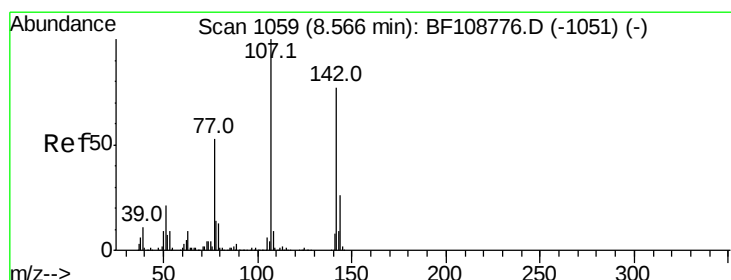
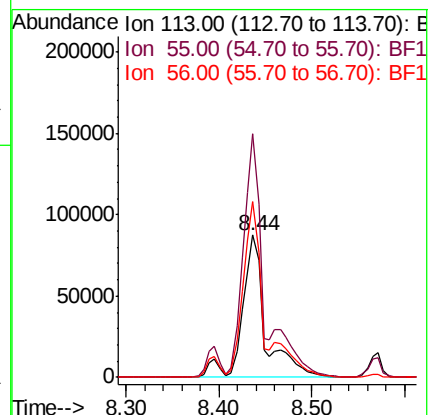
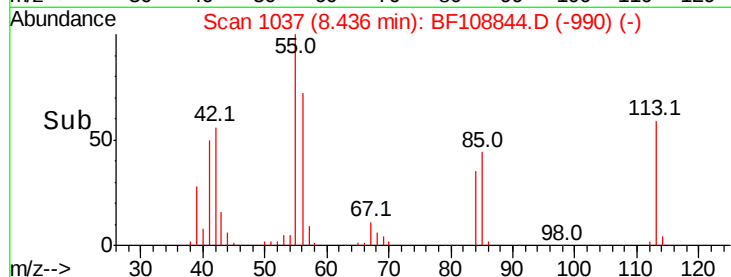
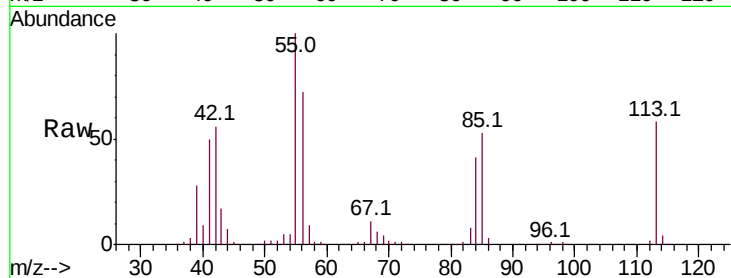
ClientSampleId :

EP1-Q2-J6-MSD

Tot Ion:	113	Resp:	150357
Ion Ratio	Lower	Upper	
113	100		
55	171.3	163.3	203.3
56	123.3	115.7	155.7

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#36

4-Chloro-3-methylphenol

Concen: 38.789 ng/mL

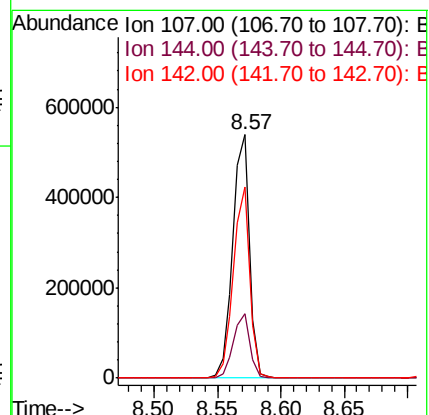
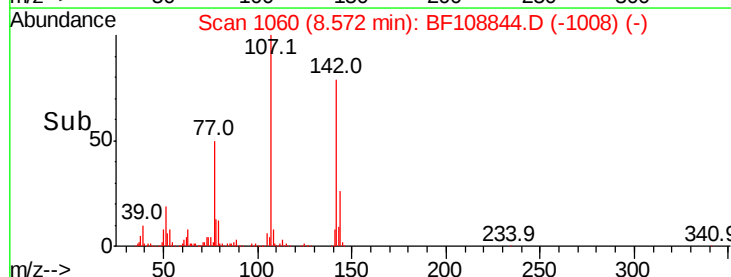
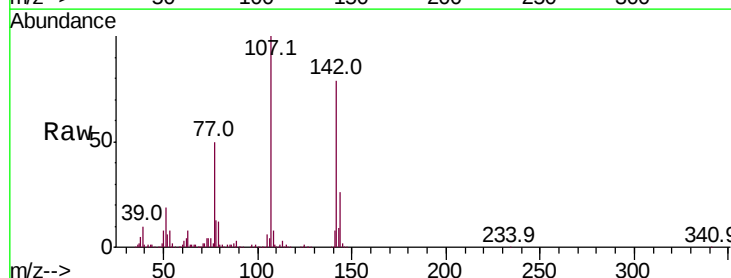
RT: 8.57 min Scan# 1060

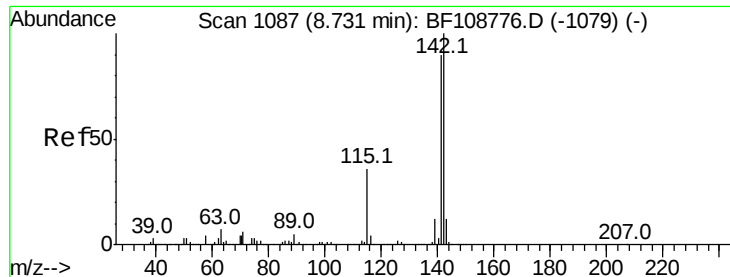
Delta R.T. 0.01 min

Lab File: BF108844.D

Acq: 7 Sep 2018 00:47

Tgt Ion:	107	Resp:	492957
Ion Ratio	Lower	Upper	
107	100		
144	26.4	20.5	30.7
142	78.6	62.0	93.0





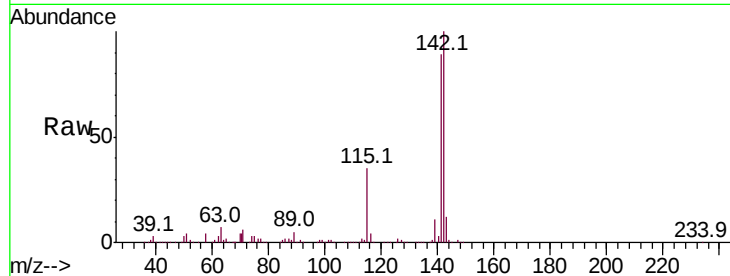
#37
2-Methylnaphthalene
Concen: 43.715 ng
RT: 8.73 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BF108844.D
Acq: 7 Sep 2018 00:47

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-J6-MSD

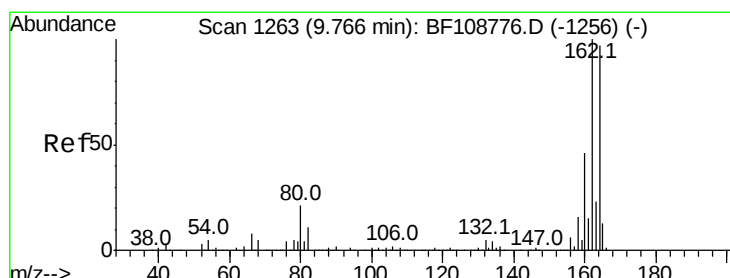
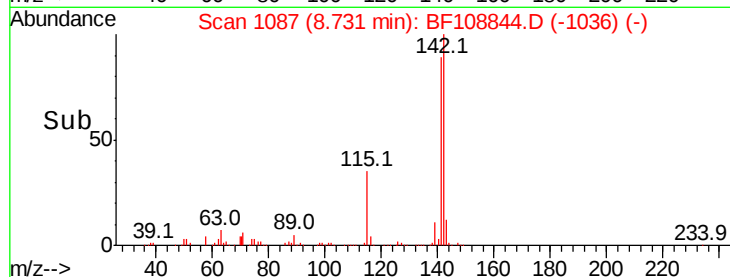
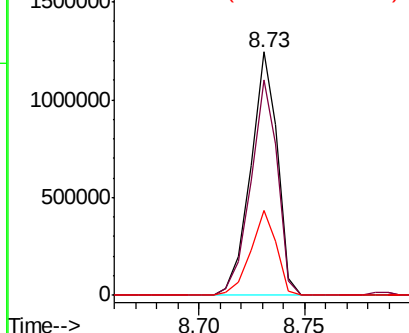
Tot Ion:142 Resp: 1095913
Ion Ratio Lower Upper
142 100
141 88.7 70.8 106.2
115 35.1 26.1 39.1

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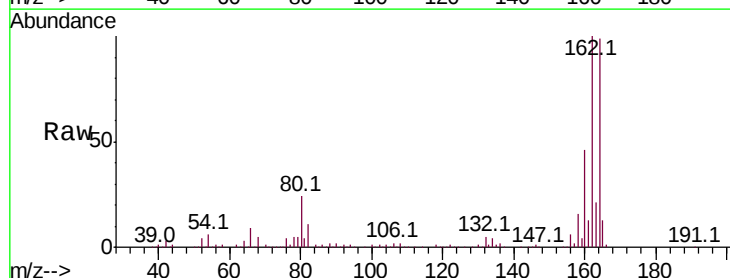


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

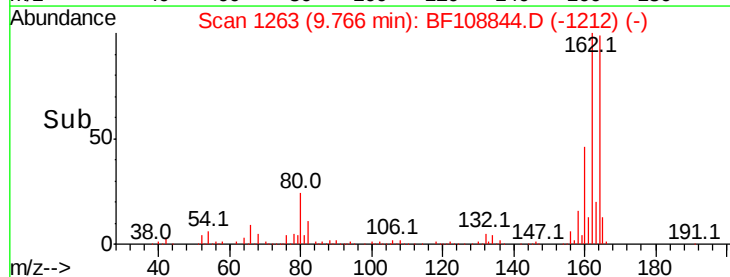
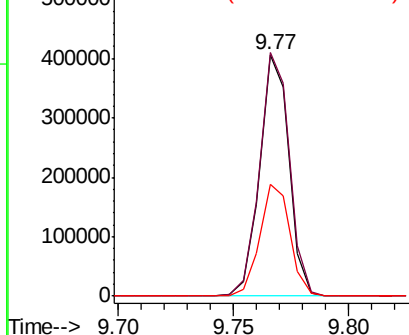


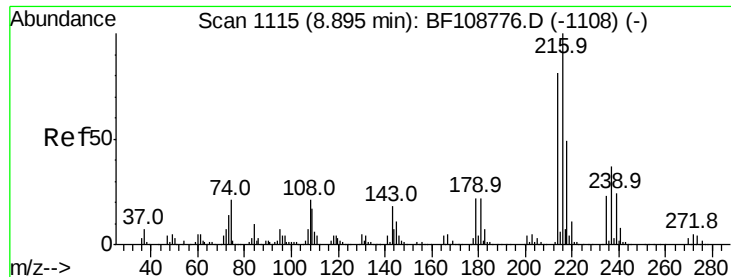
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BF108844.D
Acq: 7 Sep 2018 00:47

Tgt Ion:164 Resp: 359198
Ion Ratio Lower Upper
164 100
162 100.8 86.1 129.1
160 46.1 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





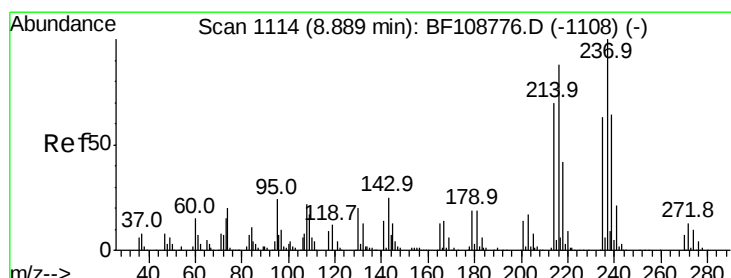
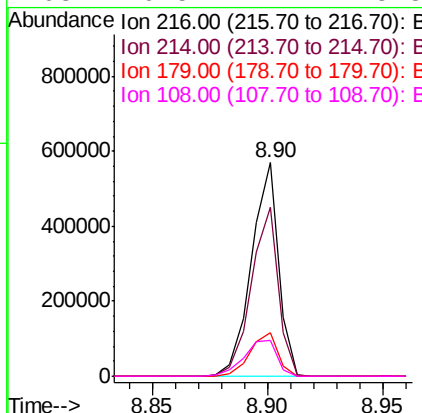
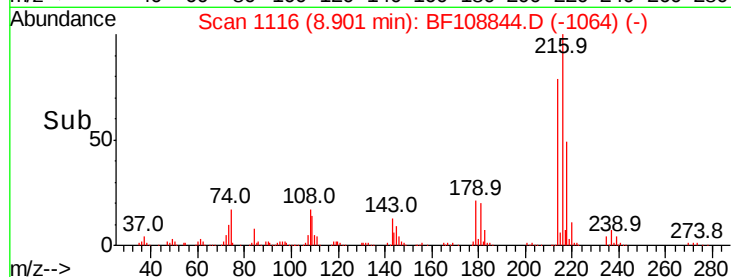
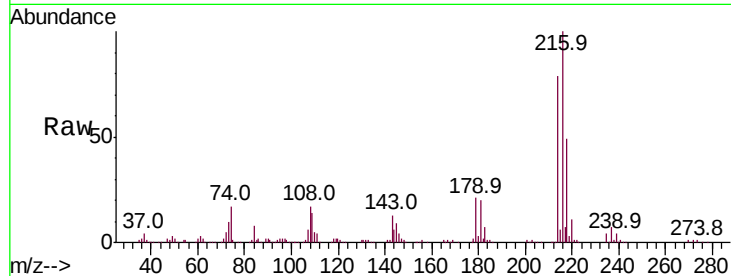
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.666 ng
 RT: 8.90 min Scan# 1116
 Delta R.T. 0.01 min
 Lab File: BF108844.D
 Acq: 7 Sep 2018 00:47

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-J6-MSD

Tot Ion:	216	Resp:	468858
Ion Ratio	Lower	Upper	
216	100		
214	79.3	63.0	94.4
179	20.8	18.1	27.1
108	20.5	17.2	25.8

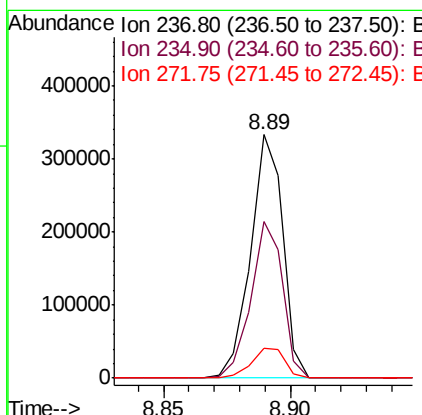
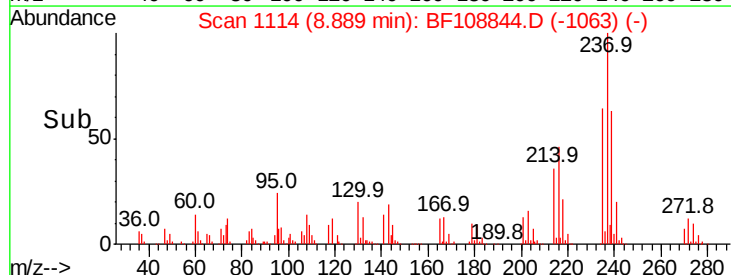
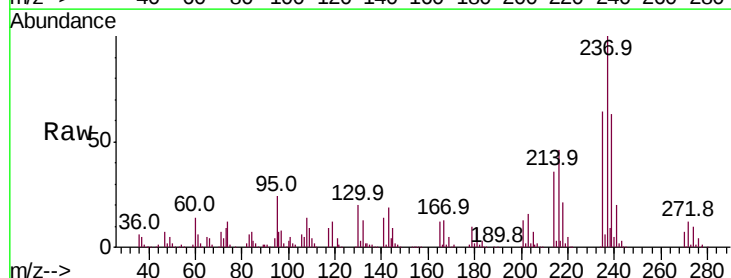
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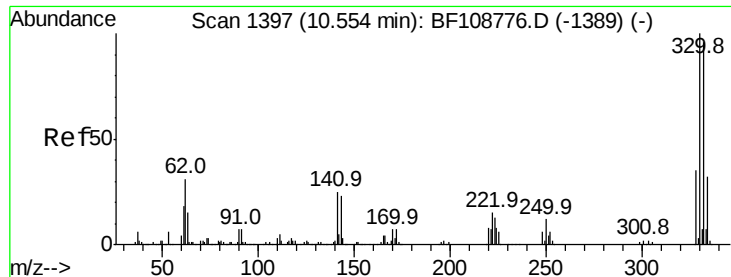
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#40
 Hexachlorocyclopentadiene
 Concen: 54.494 ng
 RT: 8.89 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BF108844.D
 Acq: 7 Sep 2018 00:47

Tgt Ion:	237	Resp:	294365
Ion Ratio	Lower	Upper	
237	100		
235	64.4	44.8	84.8
272	12.5	0.0	33.3





#41

2,4,6-Tribromophenol

Concen: 100.520 ng

RT: 10.55 min Scan# 1397

Delta R.T. -0.00 min

Lab File: BF108844.D

Acq: 7 Sep 2018 00:47

Instrument :

BNA_F

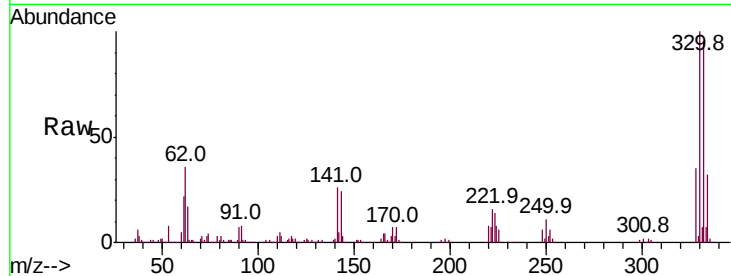
ClientSampleId :

EP1-Q2-J6-MSD

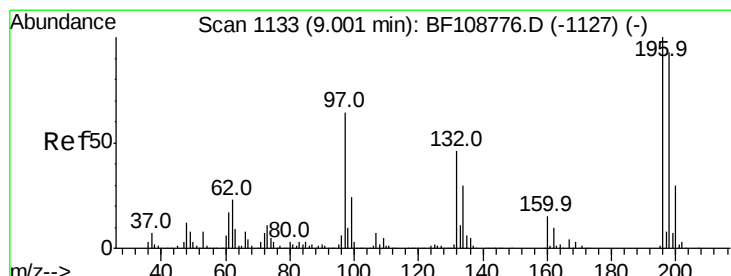
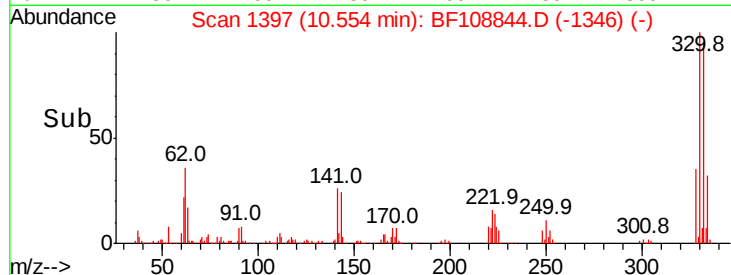
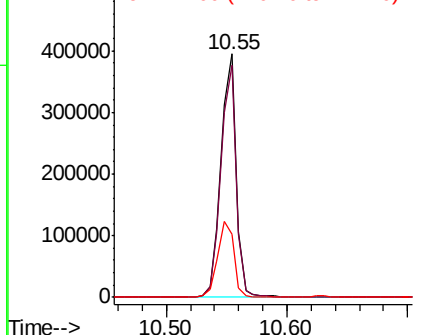
Tot Ion:	330	Resp:	344690
Ion Ratio	Lower	Upper	
330	100		
332	95.3	77.0	115.6
141	33.1	29.9	44.9

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



#42

2,4,6-Trichlorophenol

Concen: 41.311 ng

RT: 9.01 min Scan# 1134

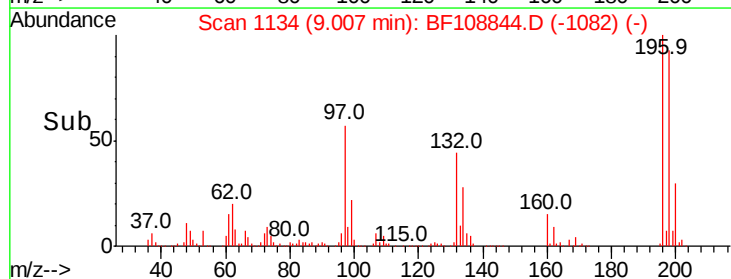
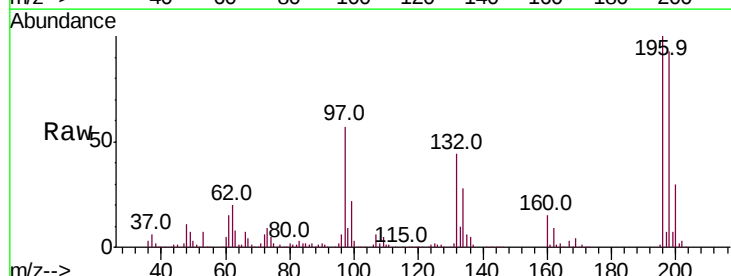
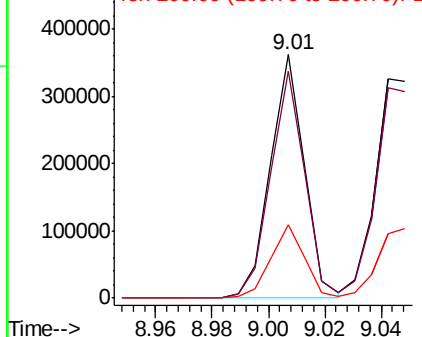
Delta R.T. 0.01 min

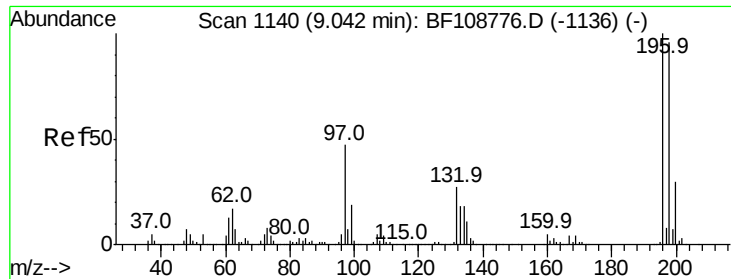
Lab File: BF108844.D

Acq: 7 Sep 2018 00:47

Tgt Ion:	196	Resp:	302130
Ion Ratio	Lower	Upper	
196	100		
198	93.4	75.7	113.5
200	30.0	24.5	36.7

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





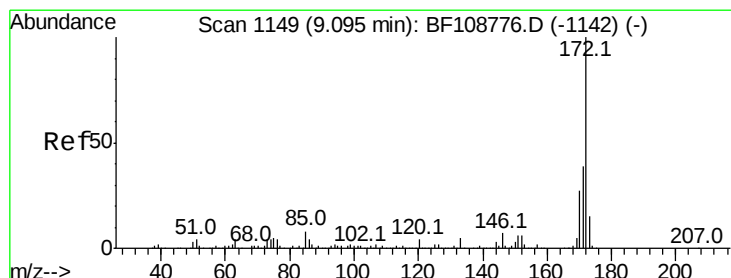
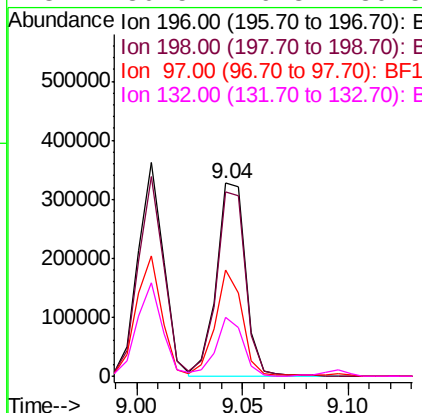
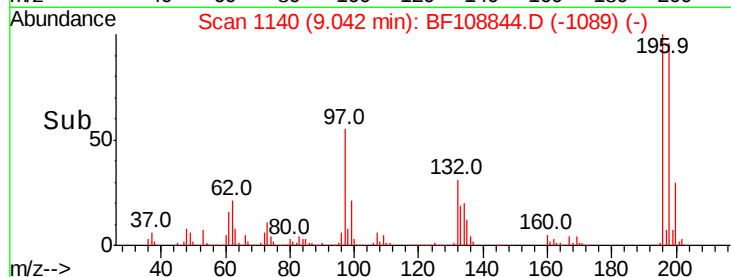
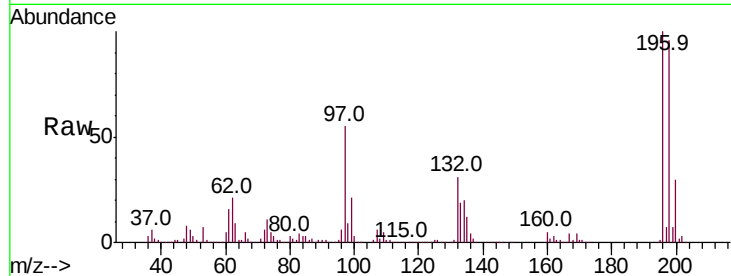
#43
 2,4,5-Trichlorophenol
 Concen: 41.218 ng
 RT: 9.04 min Scan# 1140
 Delta R.T. -0.00 min
 Lab File: BF108844.D
 Acq: 7 Sep 2018 00:47

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-J6-MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	312476		
198	95.8	74.6	112.0	
97	55.4	42.9	64.3	
132	30.5	26.3	39.5	

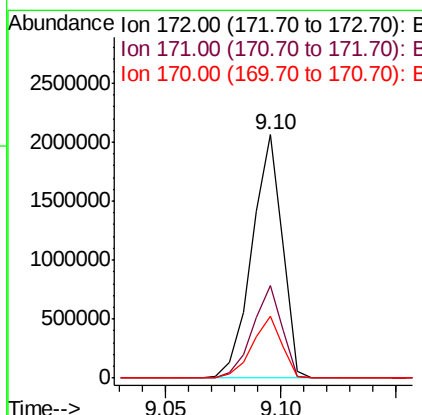
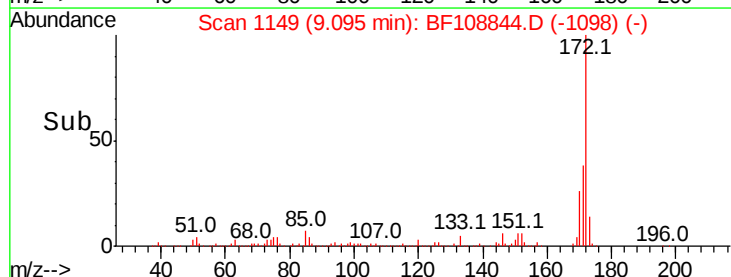
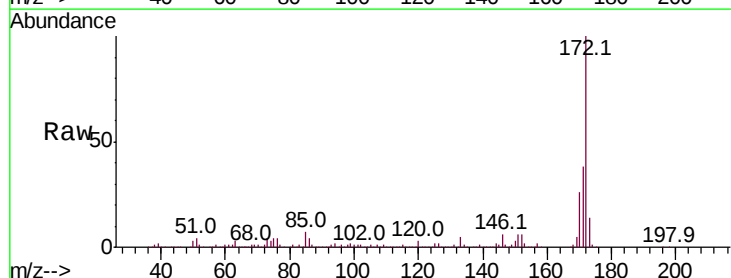
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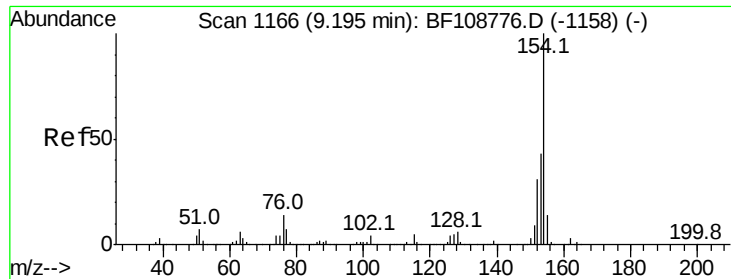
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#44
 2-Fluorobiphenyl
 Concen: 90.072 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF108844.D
 Acq: 7 Sep 2018 00:47

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1896492		
171	37.9	29.7	44.5	
170	25.6	19.6	29.4	





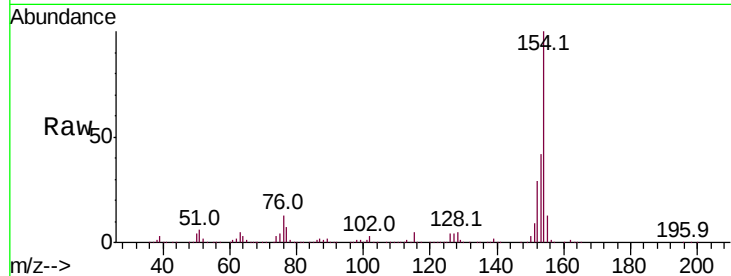
#45
 1,1'-Biphenyl
 Concen: 44.915 ng
 RT: 9.20 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BF108844.D
 Acq: 7 Sep 2018 00:47

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-J6-MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.5	21.3	61.3
76	13.4	0.0	34.0

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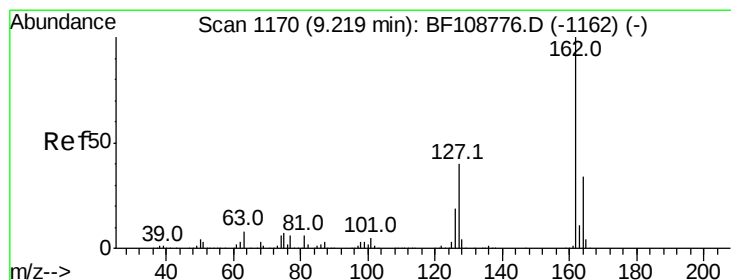
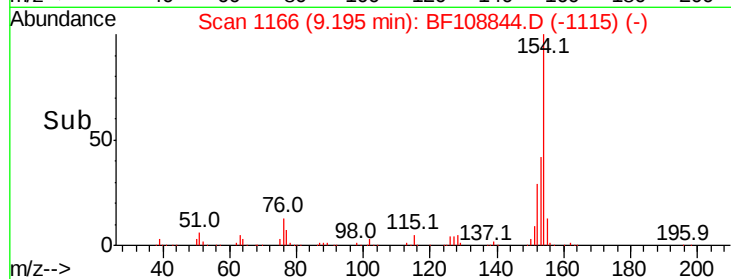
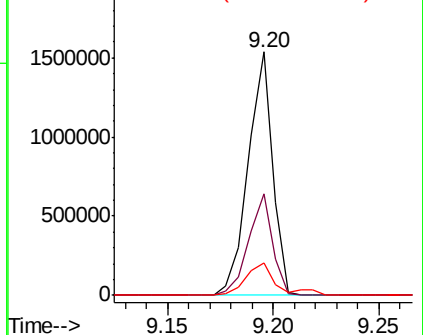


Abundance

Ion 154.00 (153.70 to 154.70): E

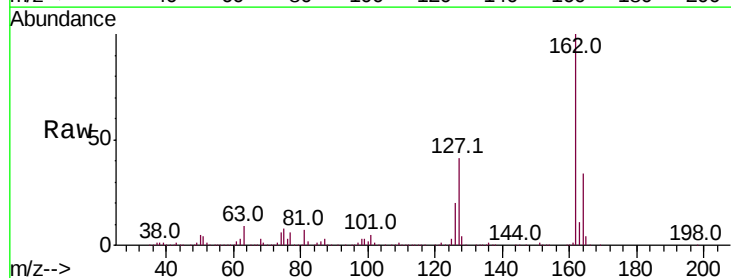
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46
 2-Chloronaphthalene
 Concen: 43.026 ng
 RT: 9.22 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF108844.D
 Acq: 7 Sep 2018 00:47

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.5	33.9	50.9
164	33.7	26.5	39.7

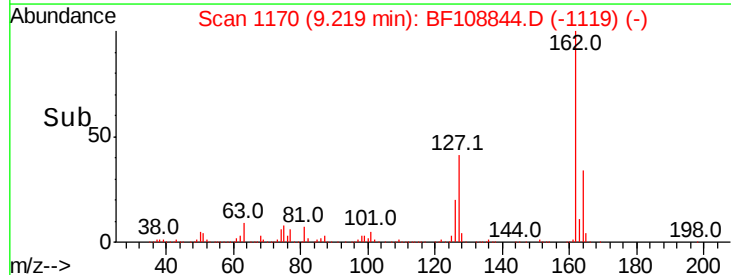
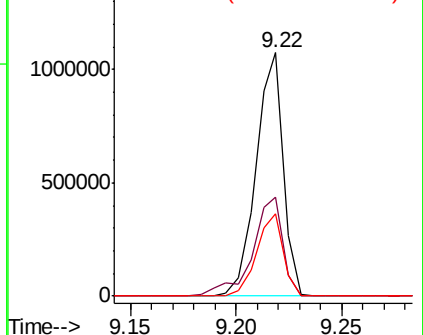


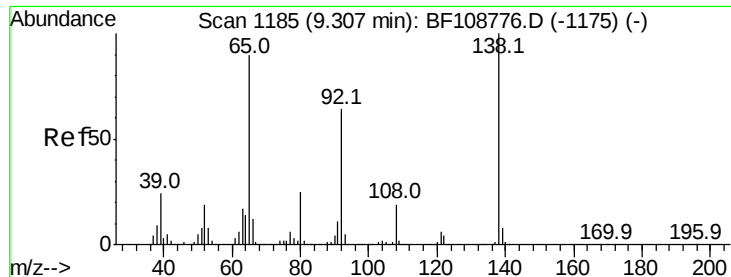
Abundance

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





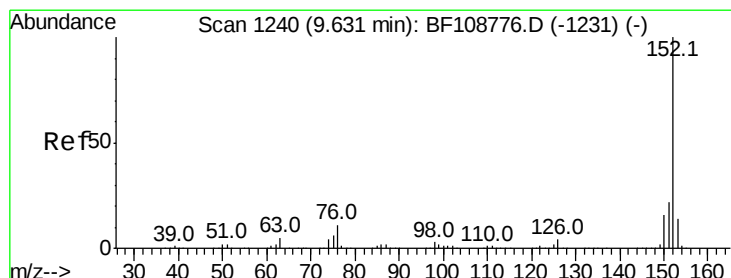
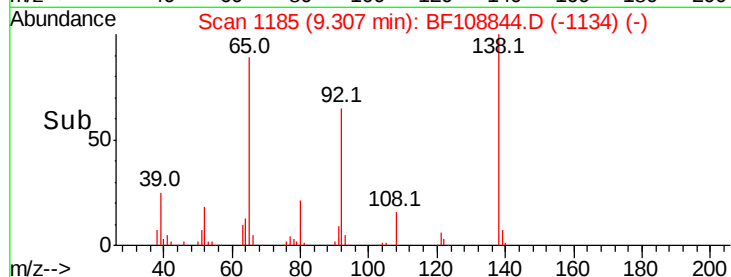
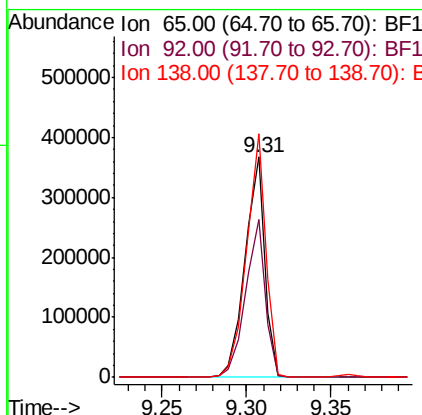
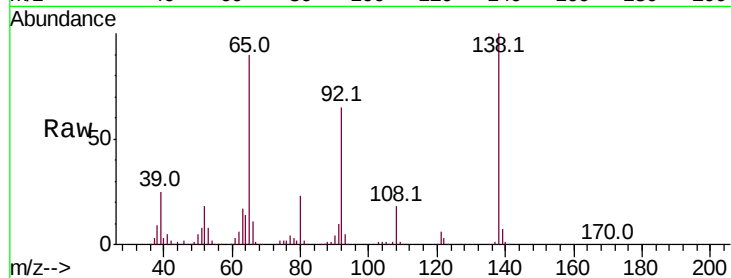
#47
2-Nitroaniline
Concen: 49.426 ng
RT: 9.31 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF108844.D
Acq: 7 Sep 2018 00:47

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-J6-MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.8	55.8	83.6
138	110.6	91.2	136.8

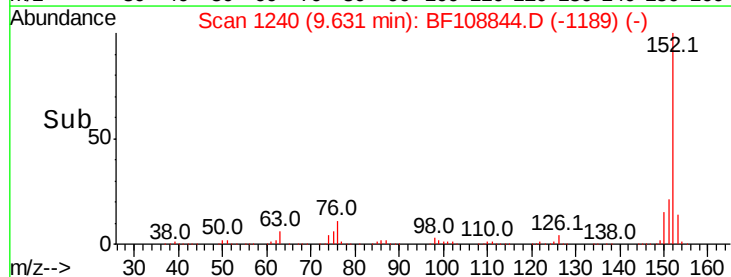
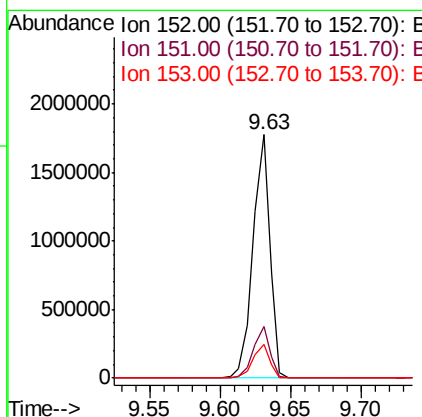
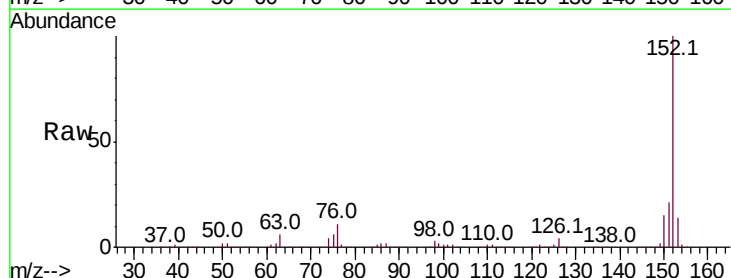
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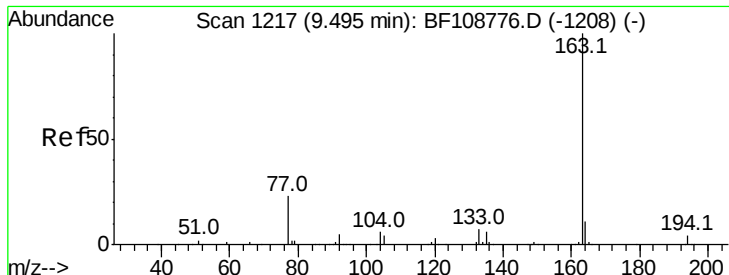
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#48
Acenaphthylene
Concen: 45.147 ng
RT: 9.63 min Scan# 1240
Delta R.T. -0.00 min
Lab File: BF108844.D
Acq: 7 Sep 2018 00:47

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.3	24.5
153	13.7	10.7	16.1





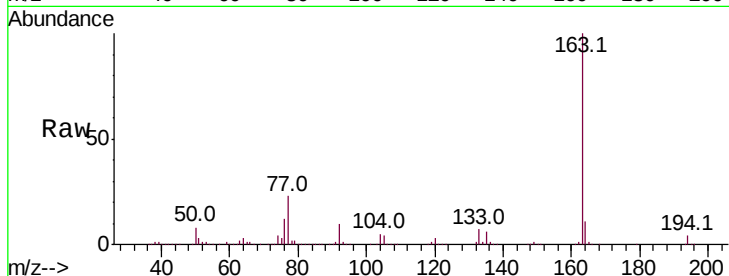
#49
Dimethylphthalate
Concen: 65.442 ng
RT: 9.50 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BF108844.D
Acq: 7 Sep 2018 00:47

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-J6-MSD

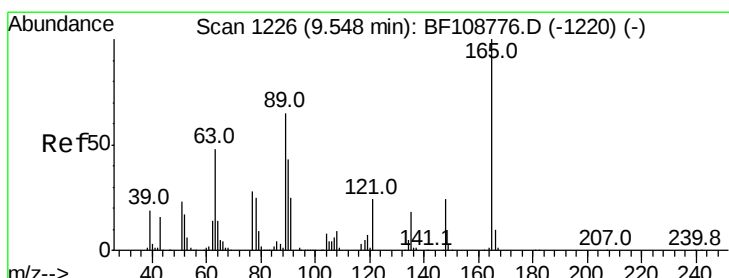
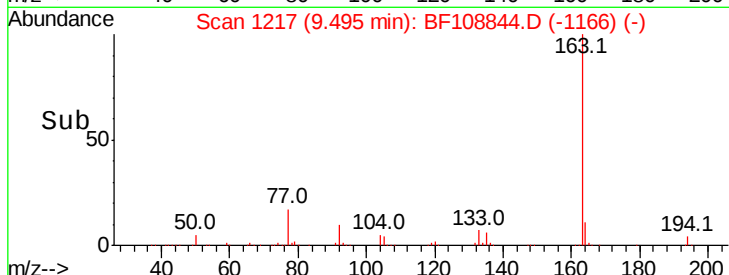
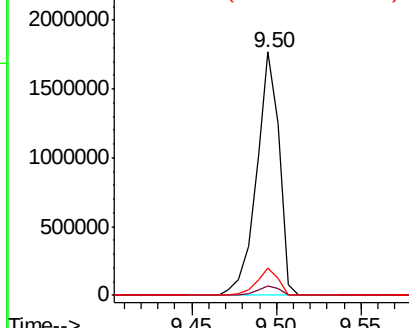
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1
164	11.1	8.2	12.2

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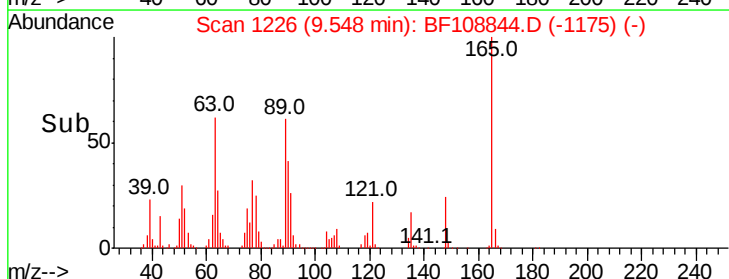
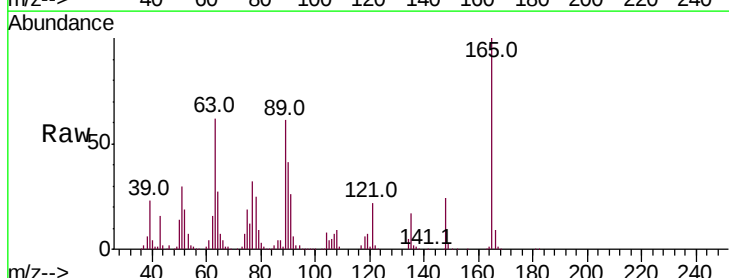
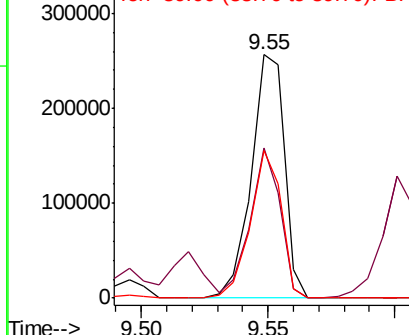
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

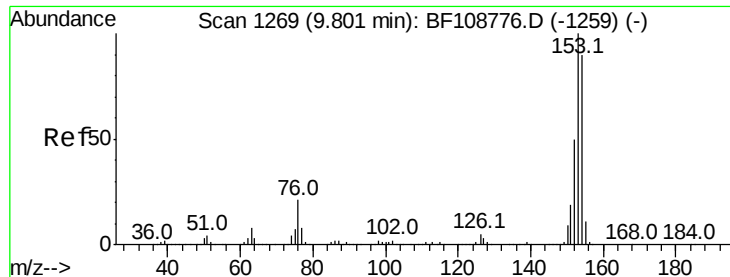


#50
2,6-Dinitrotoluene
Concen: 49.087 ng
RT: 9.55 min Scan# 1226
Delta R.T. -0.00 min
Lab File: BF108844.D
Acq: 7 Sep 2018 00:47

Tgt Ion	Ratio	Lower	Upper
165	100		
63	61.5	44.7	67.1
89	60.6	44.0	66.0

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





#51

Acenaphthene

Concen: 41.477 ng

RT: 9.80 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BF108844.D

Acq: 7 Sep 2018 00:47

Instrument :

BNA_F

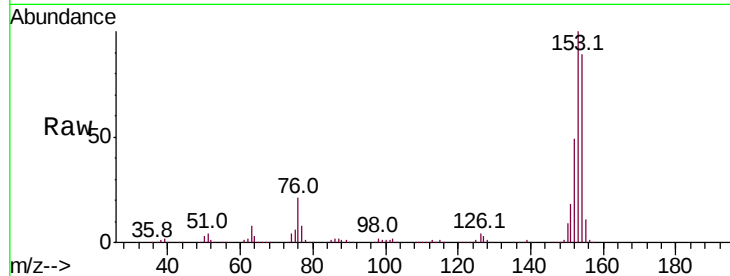
ClientSampleId :

EP1-Q2-J6-MSD

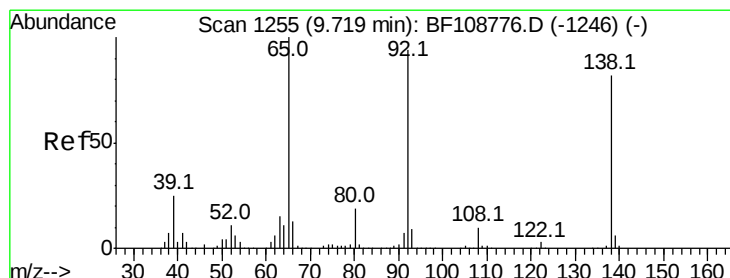
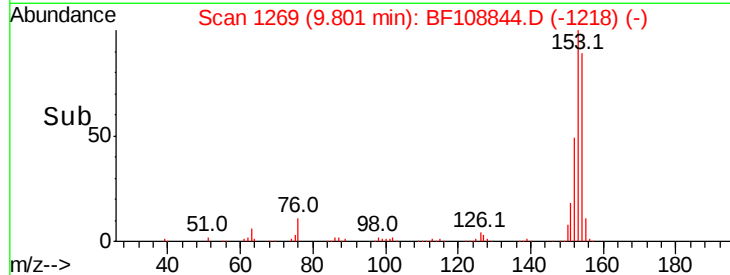
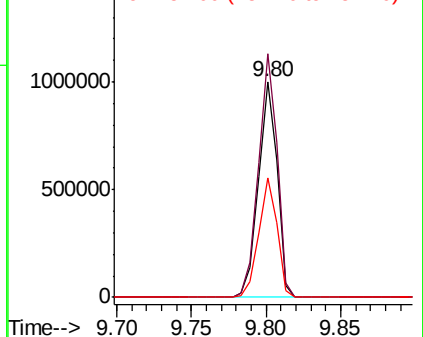
Tot Ion:	154	Resp:	855630
Ion Ratio	Lower	Upper	
154	100		
153	112.8	91.2	136.8
152	55.1	43.8	65.8

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 42.842 ng

RT: 9.71 min Scan# 1254

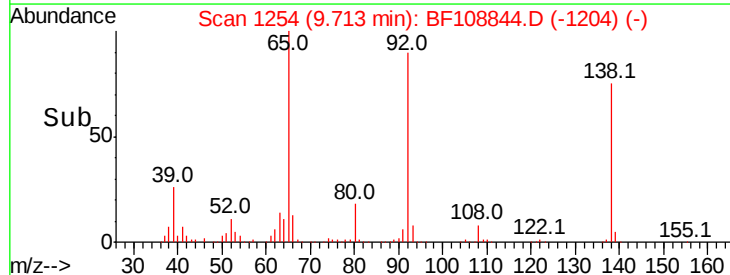
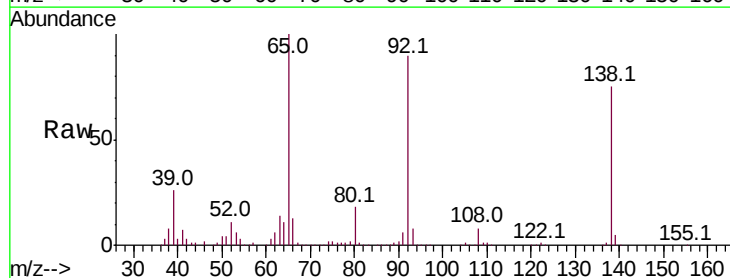
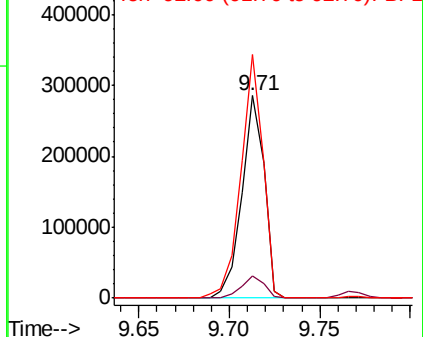
Delta R.T. -0.01 min

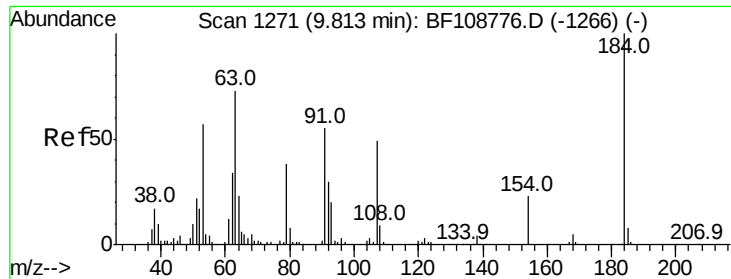
Lab File: BF108844.D

Acq: 7 Sep 2018 00:47

Tgt Ion:	138	Resp:	244137
Ion Ratio	Lower	Upper	
138	100		
108	10.9	9.4	14.0
92	120.3	89.4	134.2

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





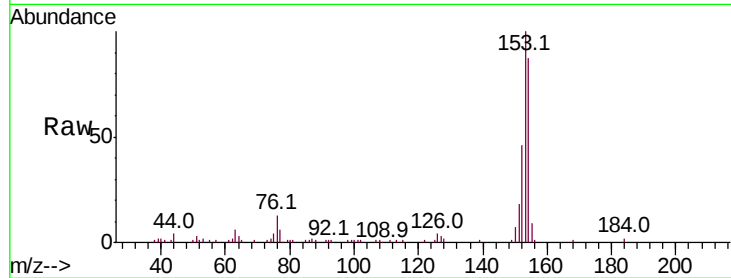
#53
 2,4-Dinitrophenol
 Concen: 9.814 ng
 RT: 9.81 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: BF108844.D
 Acq: 7 Sep 2018 00:47

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-J6-MSD

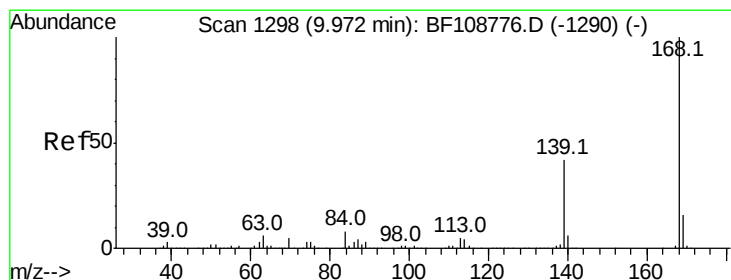
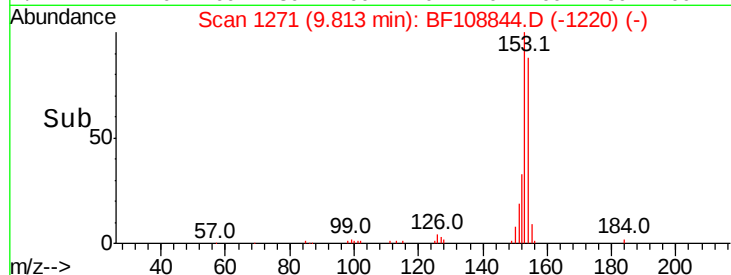
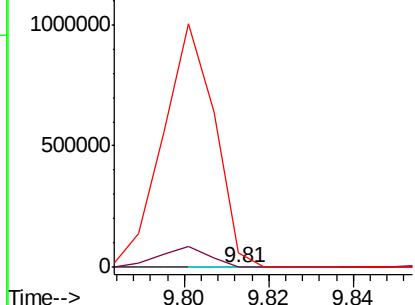
Tot Ion:184 Resp: 1026
 Ion Ratio Lower Upper
 184 100
 63 301.1 54.2 81.2#
 154 4366.4 184.0 276.0

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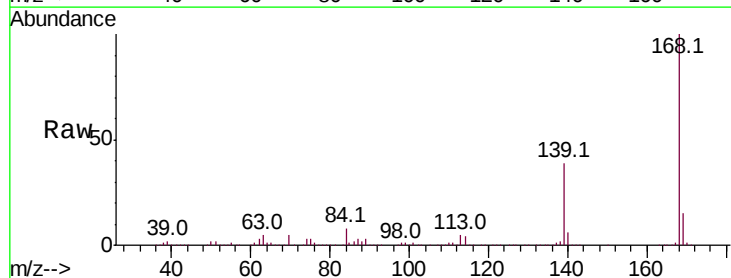


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

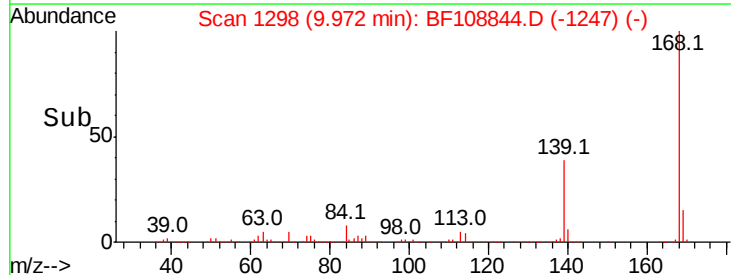
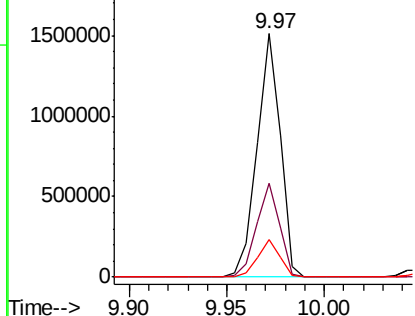


#54
 Dibenzofuran
 Concen: 41.494 ng
 RT: 9.97 min Scan# 1298
 Delta R.T. -0.00 min
 Lab File: BF108844.D
 Acq: 7 Sep 2018 00:47

Tgt Ion:168 Resp: 1247755
 Ion Ratio Lower Upper
 168 100
 139 38.7 30.1 45.1
 169 15.2 10.9 16.3



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





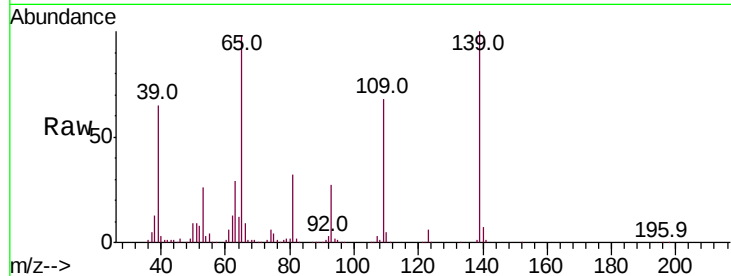
#55
4-Nitrophenol
Concen: 68.954 ng
RT: 9.87 min Scan# 1281
Delta R.T. 0.01 min
Lab File: BF108844.D
Acq: 7 Sep 2018 00:47

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-J6-MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	293757		
109	68.0	48.4	88.4	
65	98.0	72.6	112.6	

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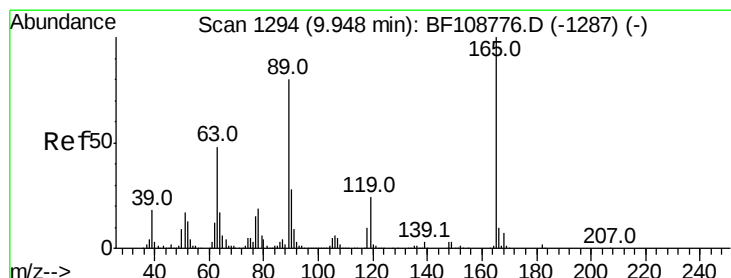
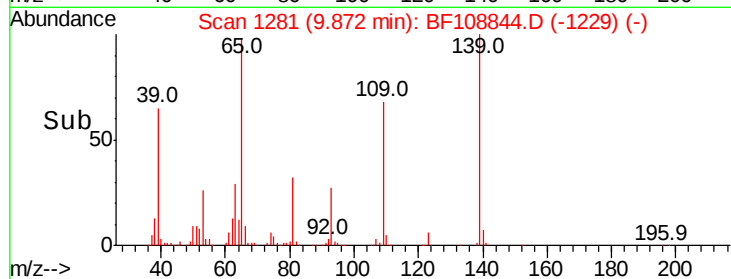
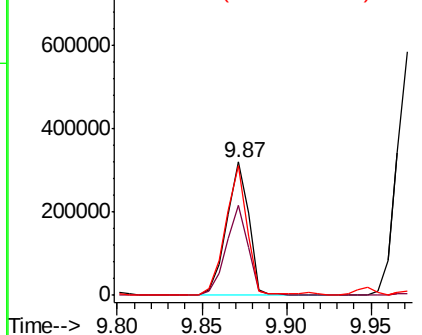


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56
2,4-Dinitrotoluene
Concen: 46.071 ng
RT: 9.95 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BF108844.D
Acq: 7 Sep 2018 00:47

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	282054		
63	46.0	36.4	54.6	
89	79.1	57.8	86.6	
182	2.6	1.6	2.4#	

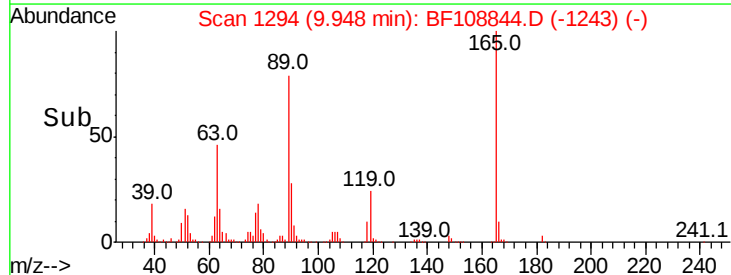
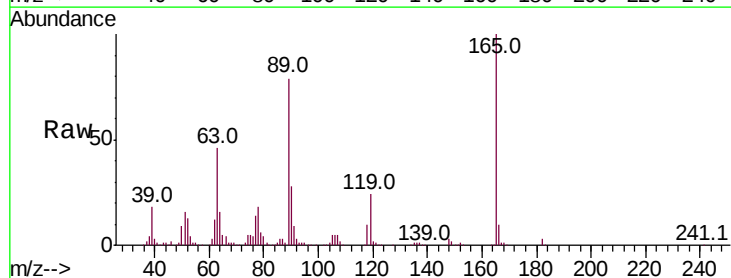
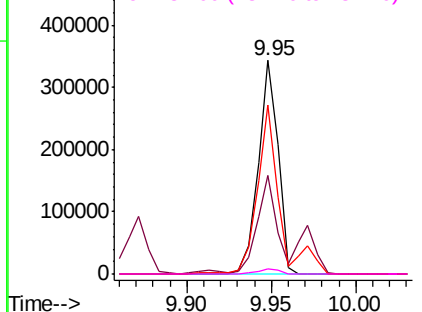
Abundance

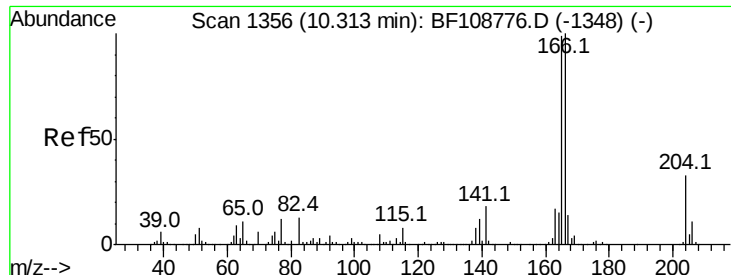
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 45.890 ng

RT: 10.31 min Scan# 1356

Delta R.T. -0.00 min

Lab File: BF108844.D

Acq: 7 Sep 2018 00:47

Instrument :

BNA_F

ClientSampleId :

EP1-Q2-J6-MSD

Tot Ion:166 Resp: 885551

Ion Ratio Lower Upper

166 100

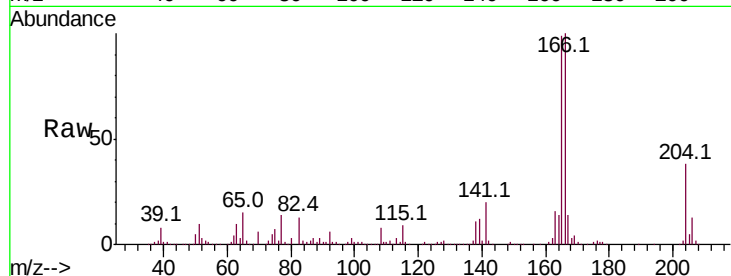
165 98.5 79.8 119.8

167 13.8 10.6 16.0

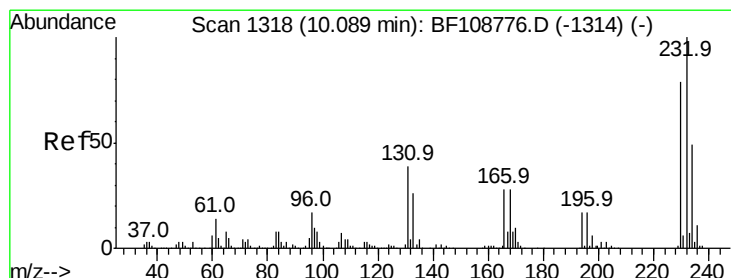
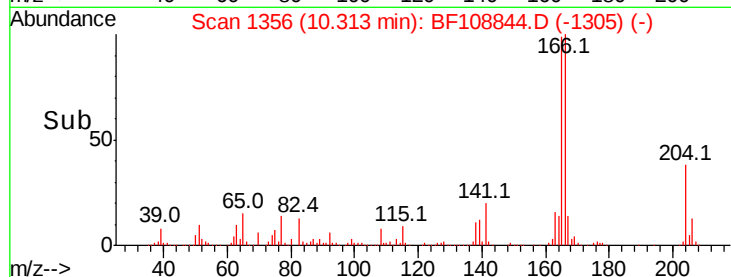
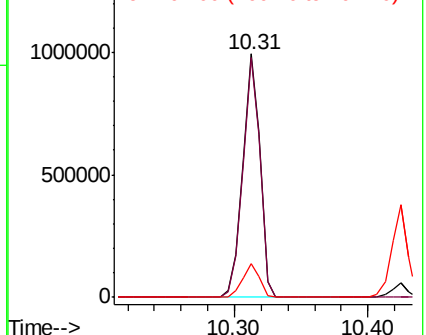
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 33.949 ng

RT: 10.09 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BF108844.D

Acq: 7 Sep 2018 00:47

Tgt Ion:232 Resp: 207548

Ion Ratio Lower Upper

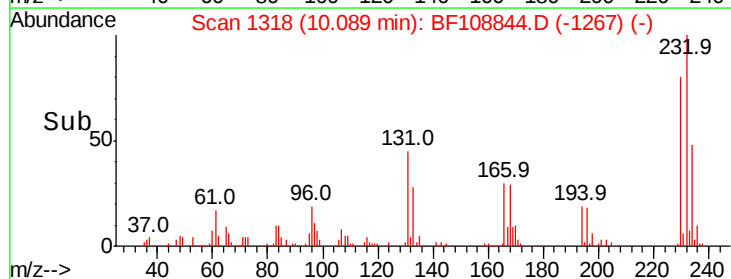
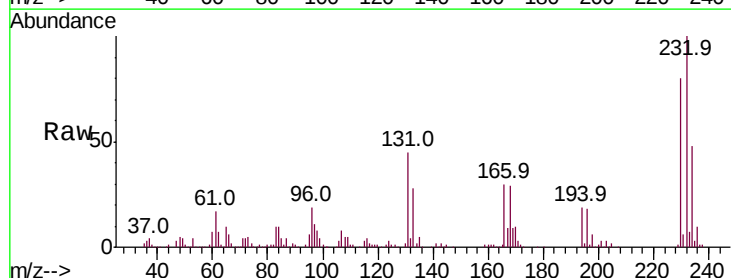
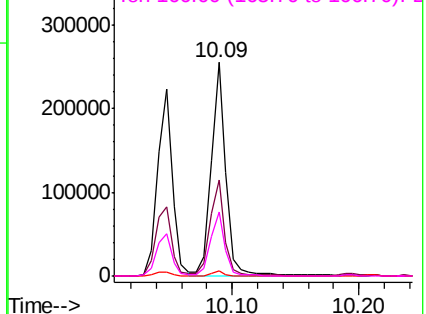
232 100

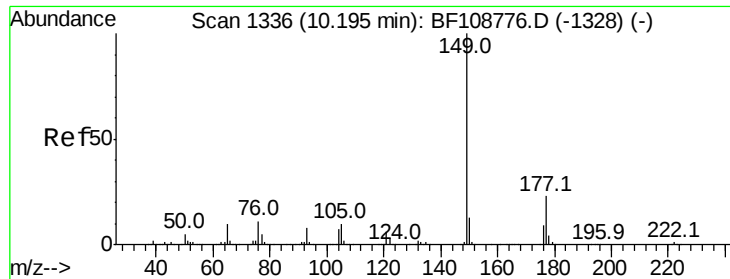
131 45.1 43.8 65.8

130 2.1 2.1 3.1

166 29.8 27.8 41.6

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





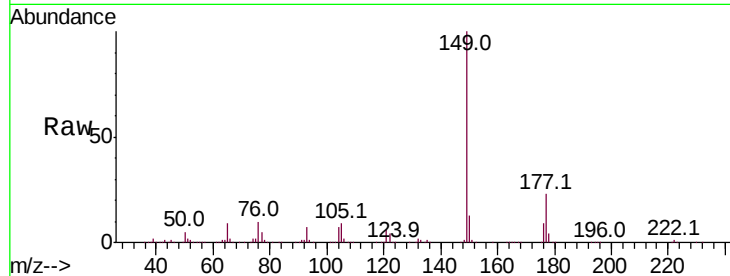
#59
Diethylphthalate
Concen: 40.498 ng
RT: 10.20 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF108844.D
Acq: 7 Sep 2018 00:47

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-J6-MSD

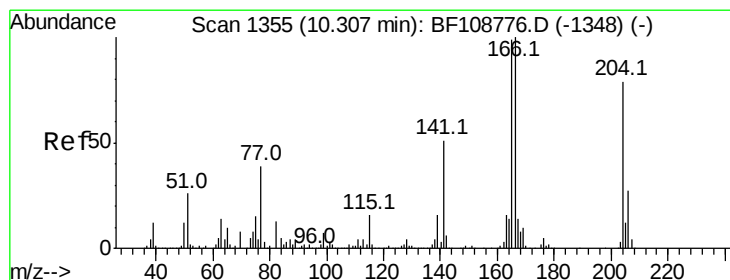
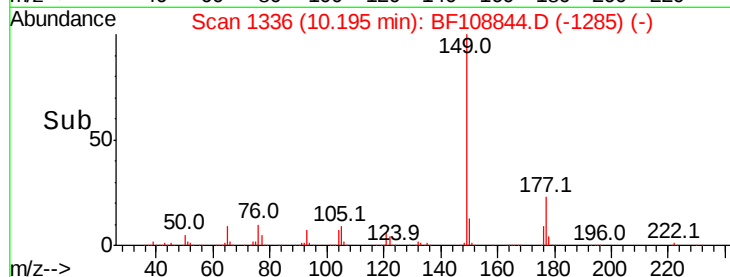
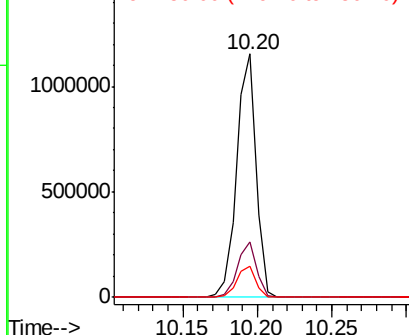
Tot Ion:149 Resp: 1049963
Ion Ratio Lower Upper
149 100
177 23.0 16.1 24.1
150 12.9 10.1 15.1

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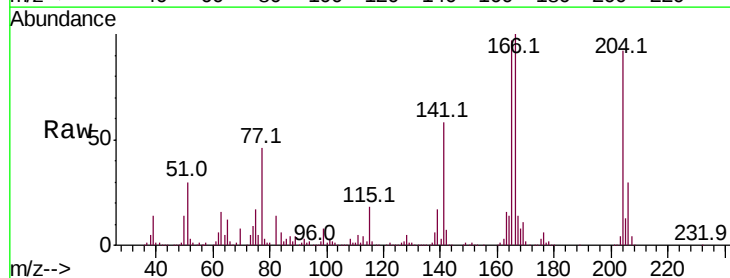


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

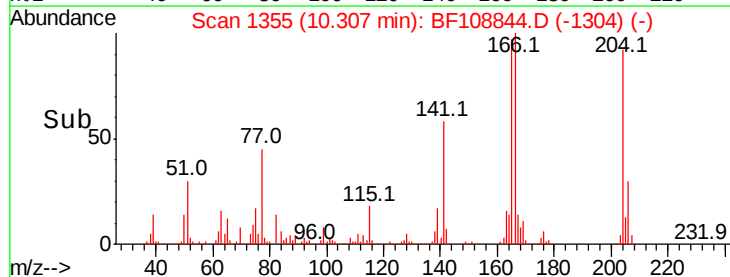
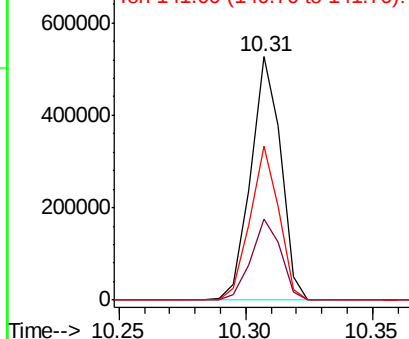


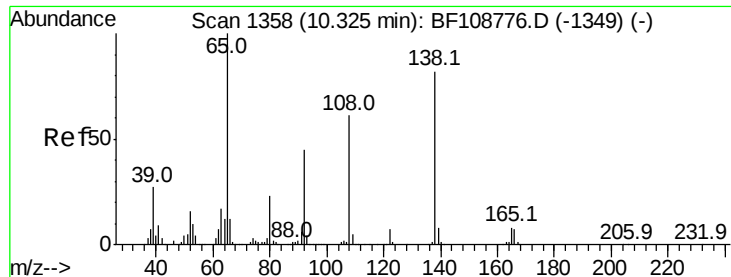
#60
4-Chlorophenyl-phenylether
Concen: 42.084 ng
RT: 10.31 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BF108844.D
Acq: 7 Sep 2018 00:47

Tgt Ion:204 Resp: 433724
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 63.3 54.6 81.8



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





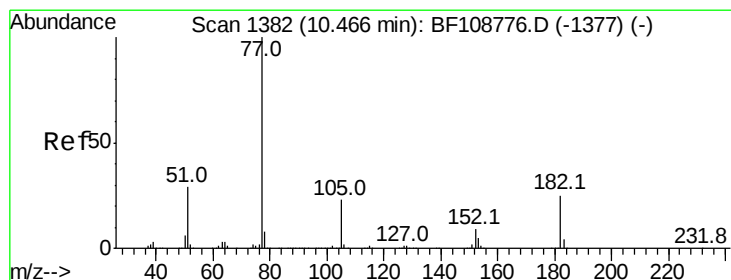
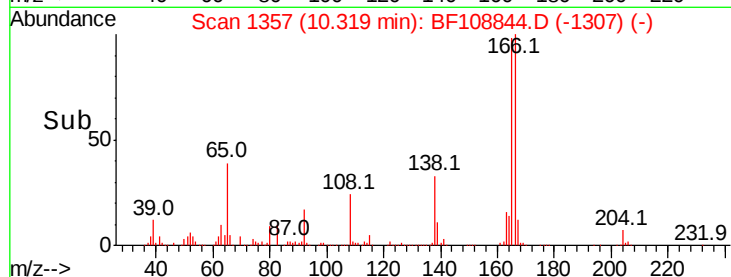
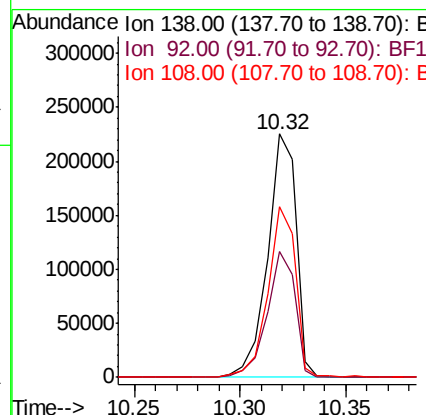
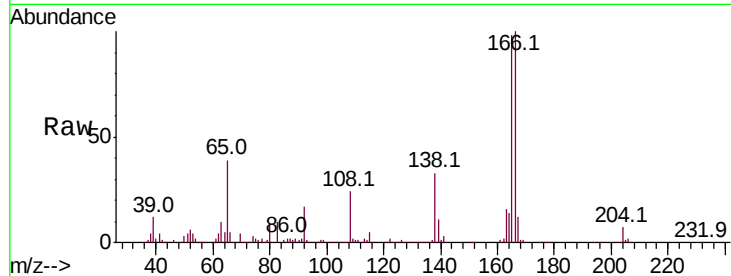
#61
4-Nitroaniline
Concen: 41.132 ng
RT: 10.32 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF108844.D
Acq: 7 Sep 2018 00:47

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-J6-MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.7	30.2	70.2
108	70.3	52.5	92.5

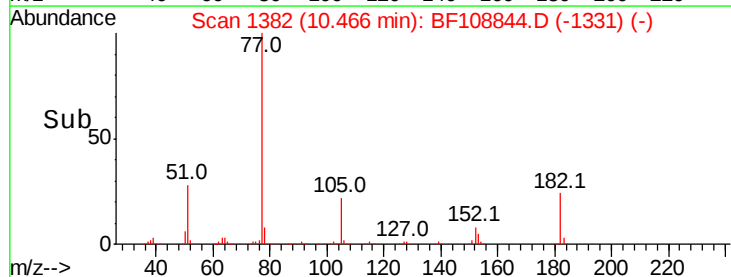
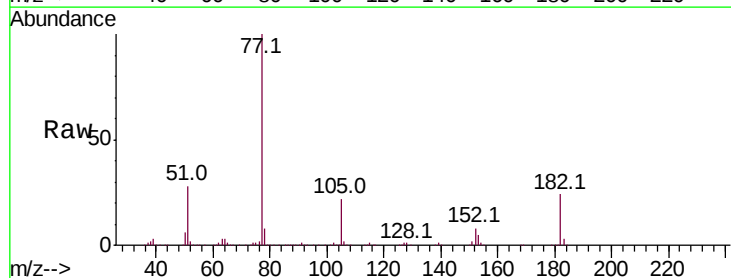
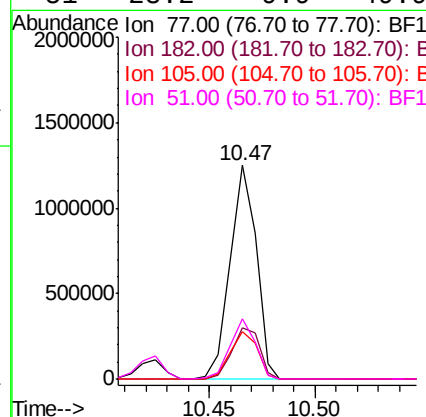
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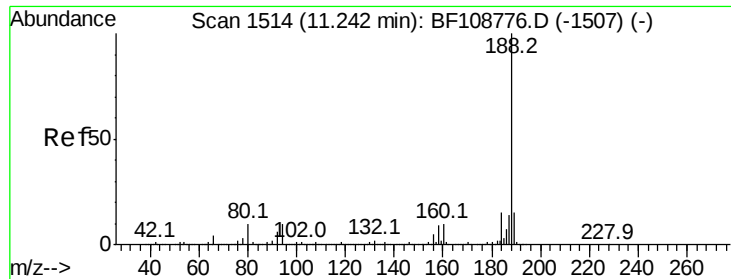
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#62
Azobenzene
Concen: 39.846 ng
RT: 10.47 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BF108844.D
Acq: 7 Sep 2018 00:47

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.0	1.7	41.7
105	22.4	3.0	43.0
51	28.2	9.9	49.9





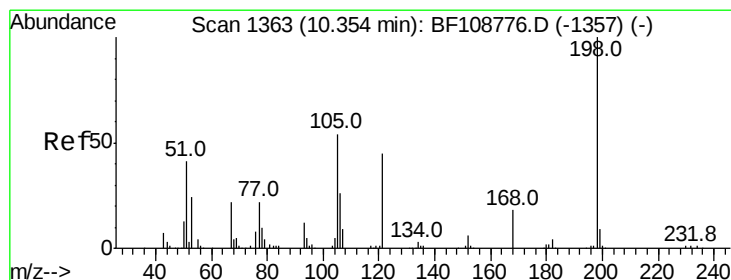
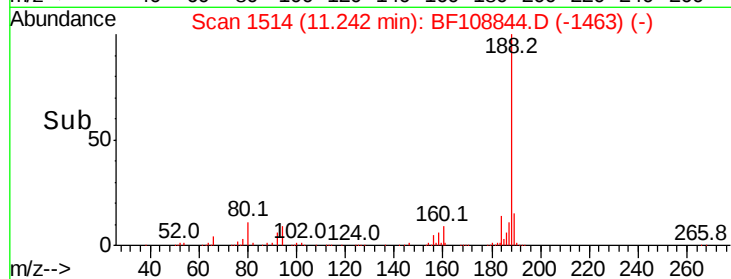
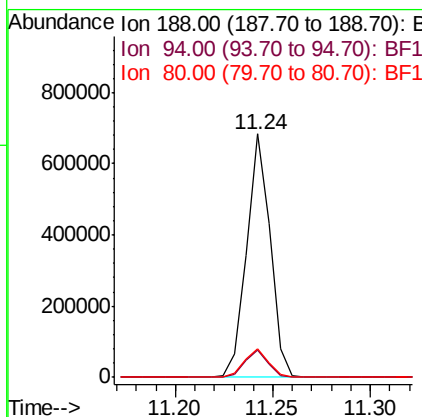
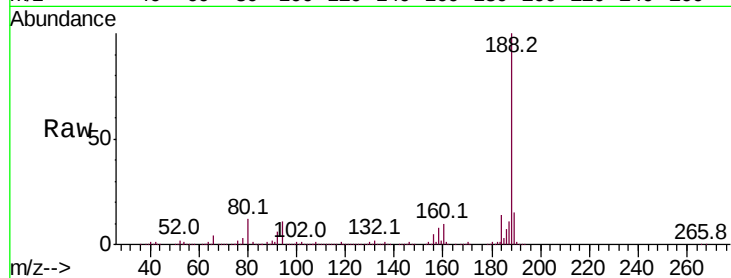
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: BF108844.D
 Acq: 7 Sep 2018 00:47

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-J6-MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	570788		
94	11.0		8.5	12.7
80	11.7		9.2	13.8

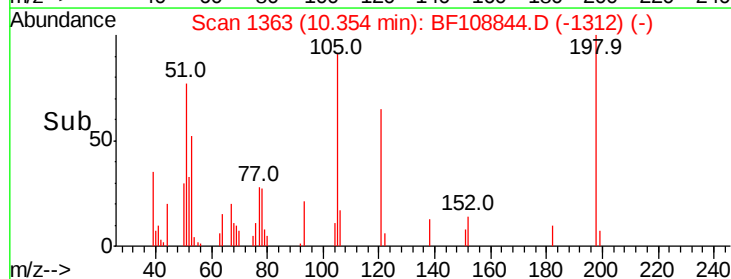
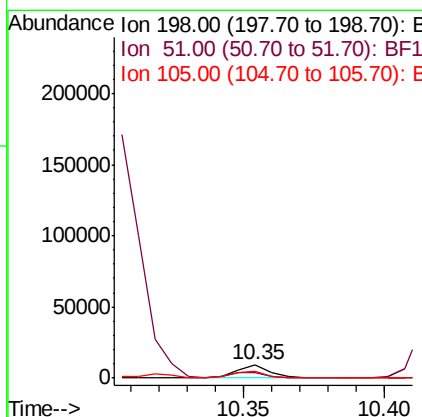
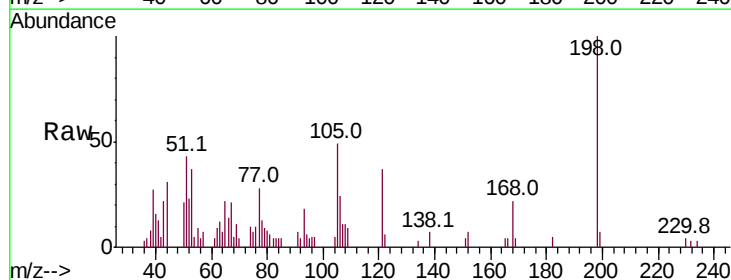
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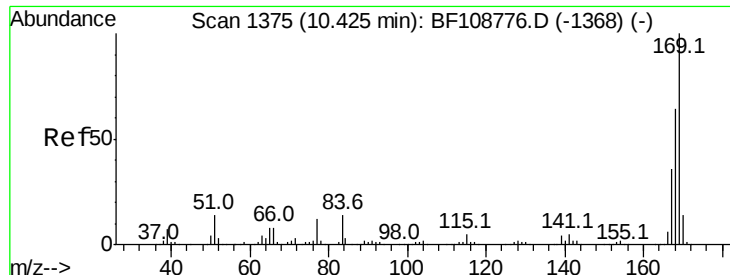
Sohil
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 9.820 ng
 RT: 10.35 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: BF108844.D
 Acq: 7 Sep 2018 00:47

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	7732		
51	43.1		37.7	77.7
105	49.1		36.3	76.3





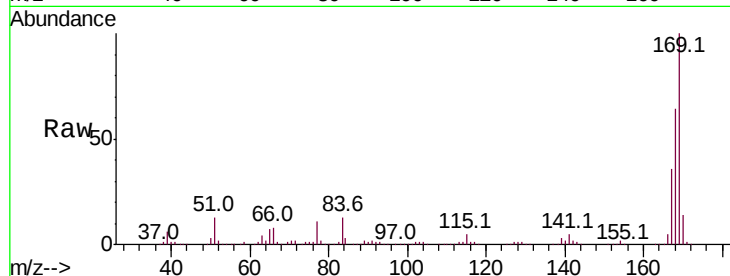
#65
n-Nitrosodiphenylamine
Concen: 45.763 ng
RT: 10.42 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BF108844.D
Acq: 7 Sep 2018 00:47

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-J6-MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	63.6	54.4	81.6	
167	35.9	29.8	44.6	

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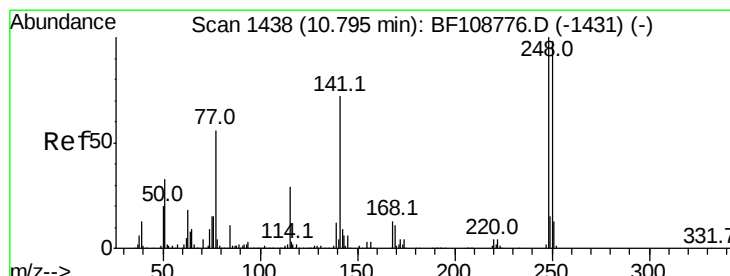
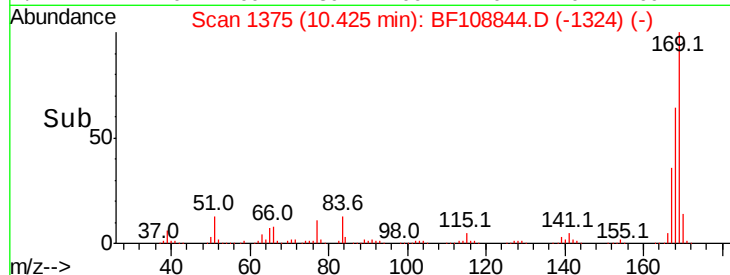
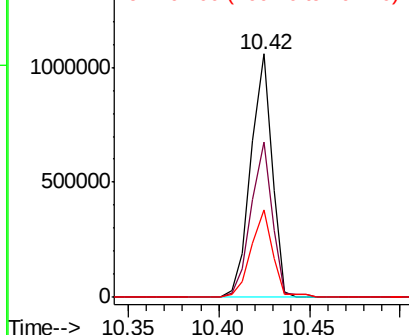


Abundance

Ion 169.00 (168.70 to 169.70): E

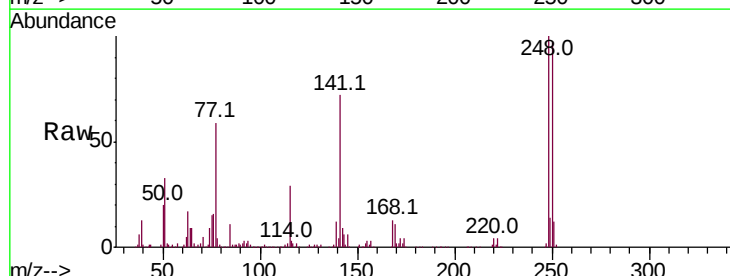
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
4-Bromophenyl-phenylether
Concen: 43.837 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF108844.D
Acq: 7 Sep 2018 00:47

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	96.7	76.9	115.3	
141	71.7	74.4	111.6#	

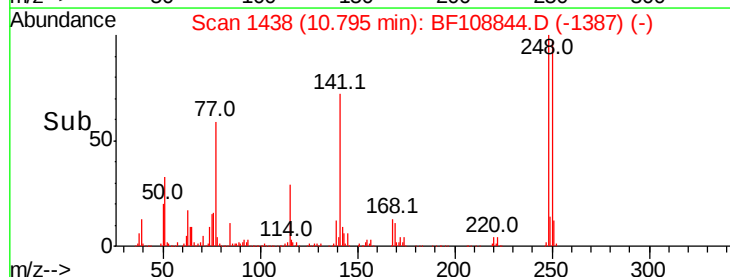
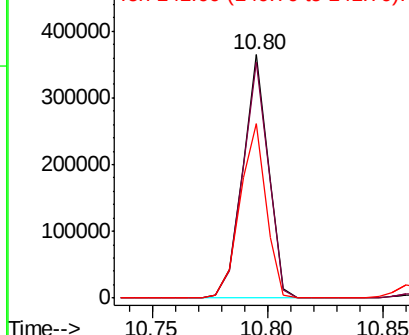


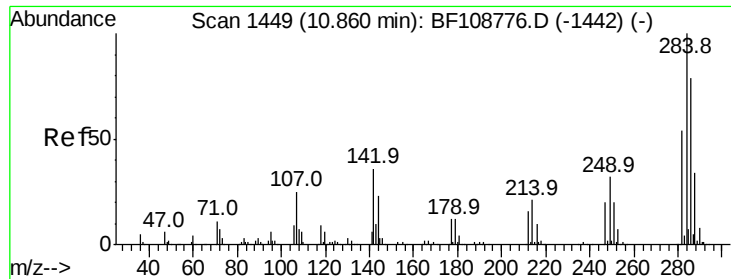
Abundance

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: 41.671 ng

RT: 10.87 min Scan# 1450

Delta R.T. 0.01 min

Lab File: BF108844.D

Acq: 7 Sep 2018 00:47

Instrument :

BNA_F

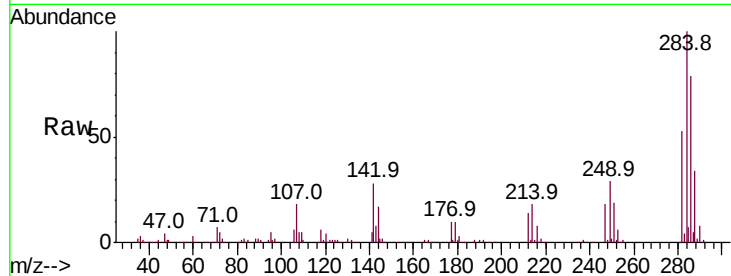
ClientSampleId :

EP1-Q2-J6-MSD

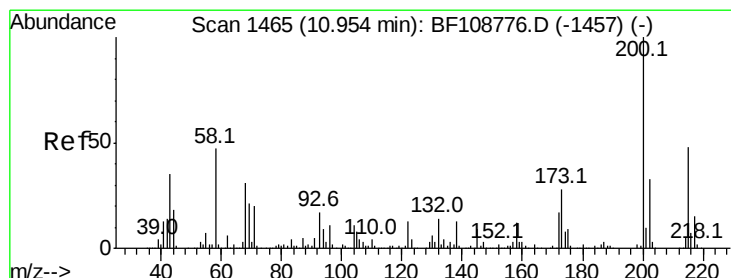
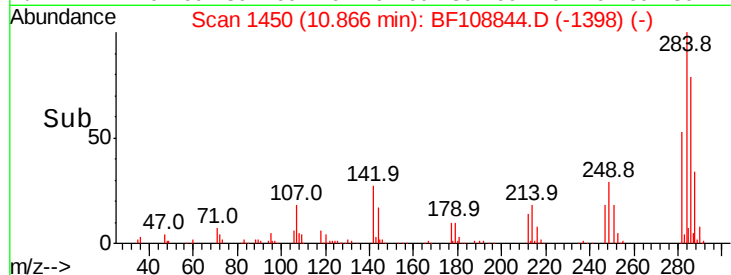
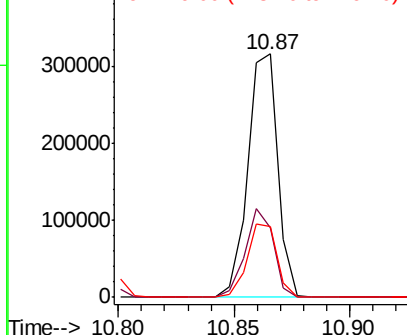
Tot Ion:	284	Resp:	286779
Ion Ratio	Lower	Upper	
284	100		
142	28.5	34.6	52.0#
249	29.3	24.8	37.2

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



#68

Atrazine

Concen: 44.416 ng

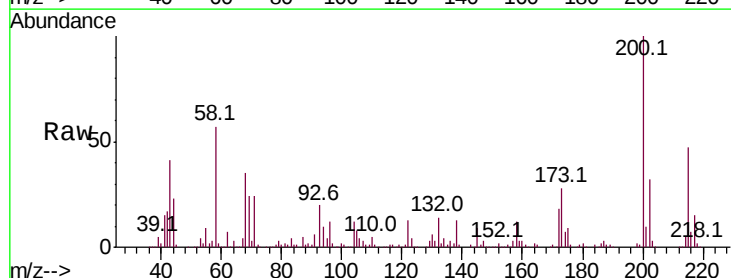
RT: 10.95 min Scan# 1464

Delta R.T. -0.01 min

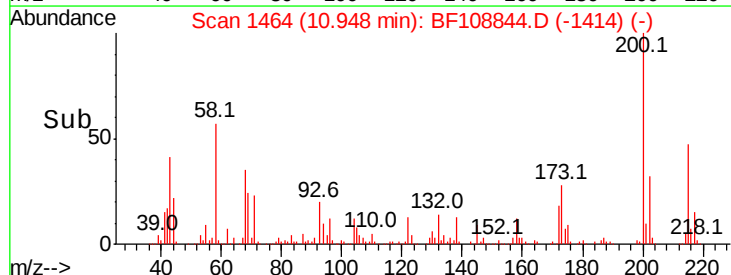
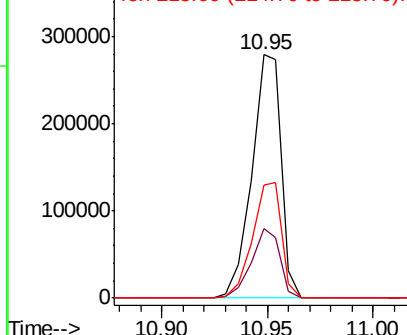
Lab File: BF108844.D

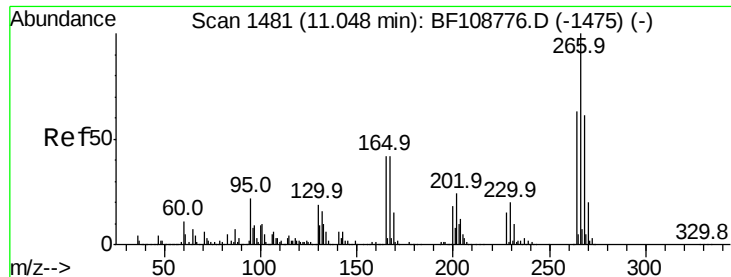
Acq: 7 Sep 2018 00:47

Tgt Ion:	200	Resp:	269837
Ion Ratio	Lower	Upper	
200	100		
173	28.4	8.6	48.6
215	46.5	25.1	65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





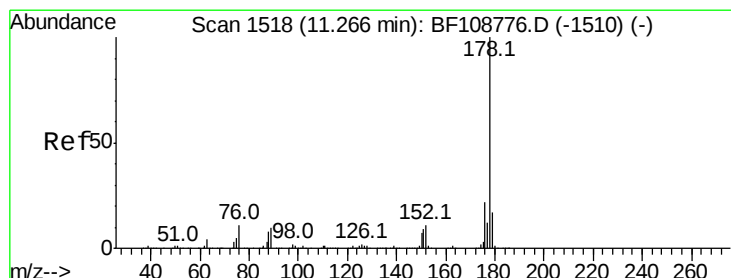
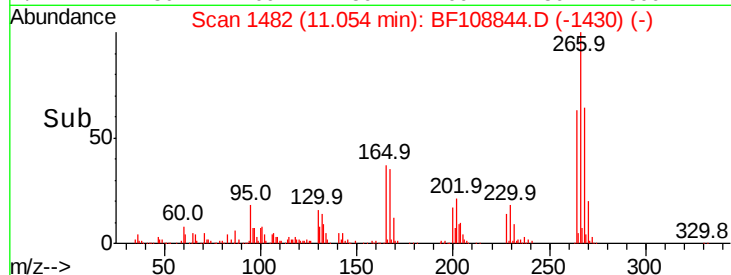
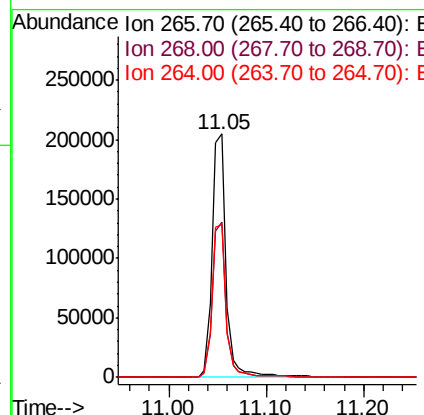
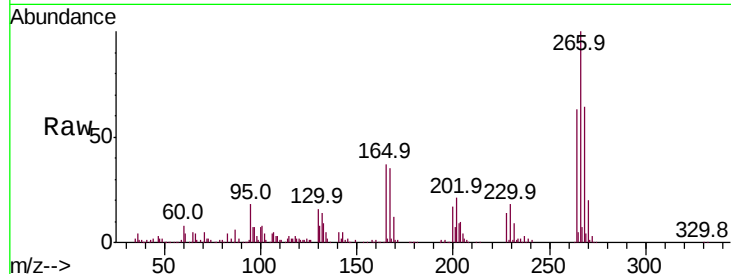
#69
 Pentachlorophenol
 Concen: 48.739 ng
 RT: 11.05 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: BF108844.D
 Acq: 7 Sep 2018 00:47

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-J6-MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	205066		
268	63.8	51.1	76.7	
264	62.8	49.5	74.3	

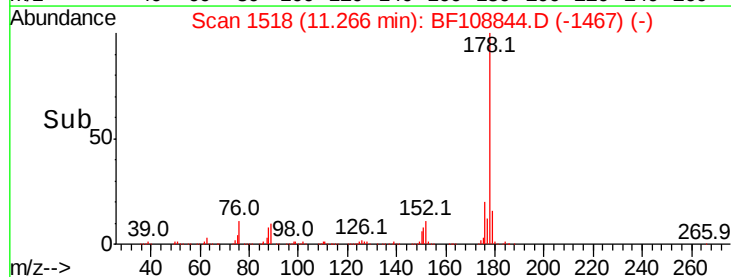
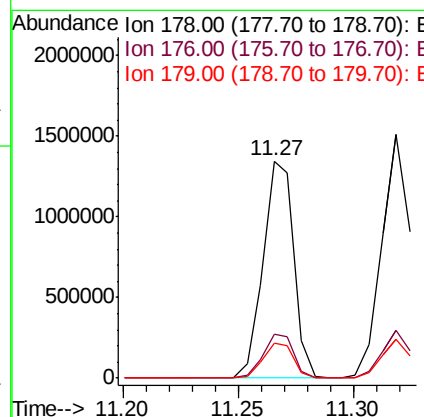
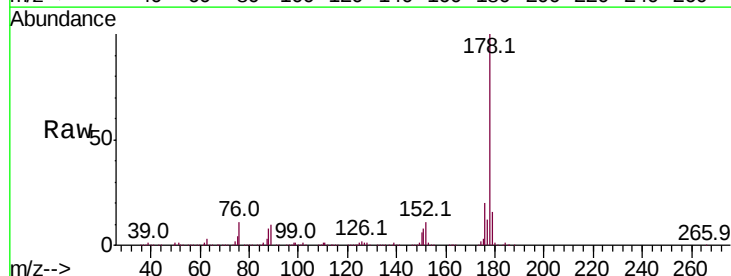
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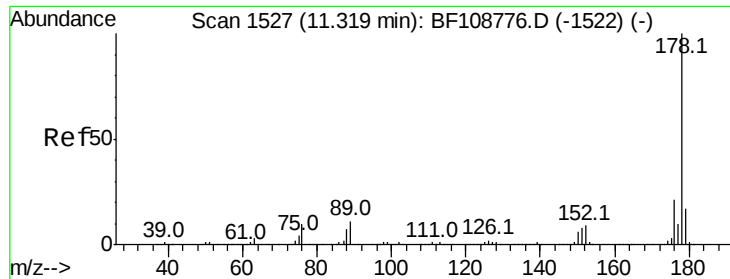
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#70
 Phenanthrene
 Concen: 45.713 ng
 RT: 11.27 min Scan# 1518
 Delta R.T. -0.00 min
 Lab File: BF108844.D
 Acq: 7 Sep 2018 00:47

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1246017		
176	20.3	15.8	23.8	
179	16.0	13.0	19.6	





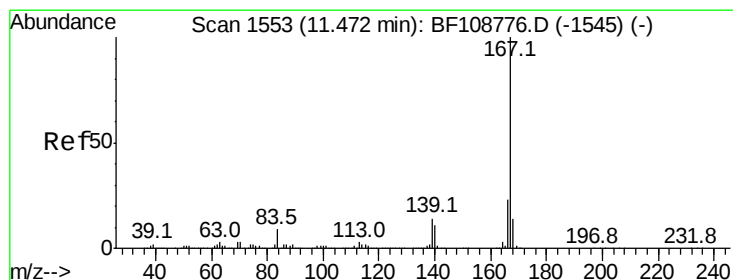
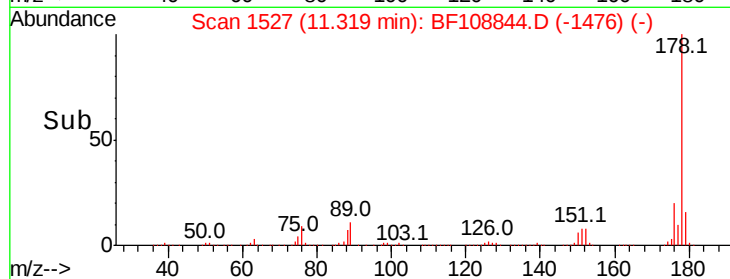
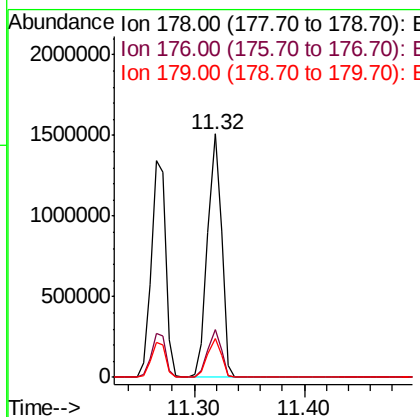
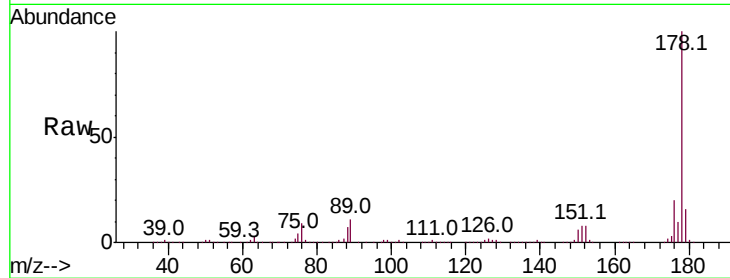
#71
 Anthracene
 Concen: 49.145 ng
 RT: 11.32 min Scan# 1527
 Delta R.T. -0.00 min
 Lab File: BF108844.D
 Acq: 7 Sep 2018 00:47

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-J6-MSD

Tot Ion:178 Resp: 1282586
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.4 23.2
 179 16.1 12.6 19.0

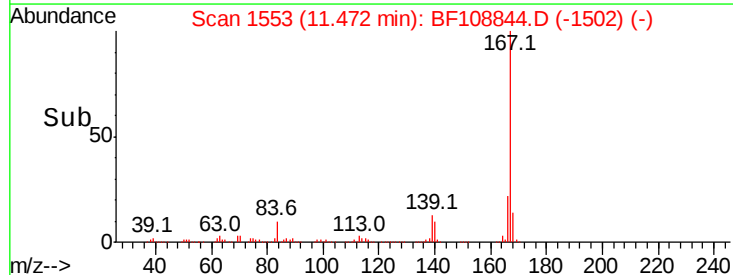
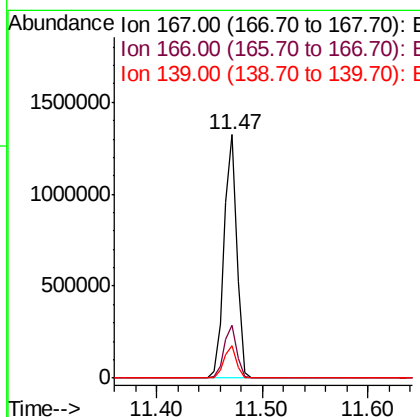
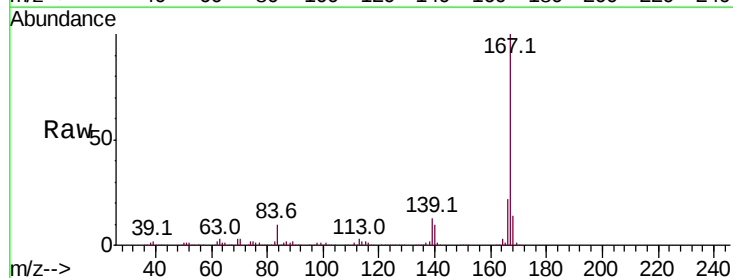
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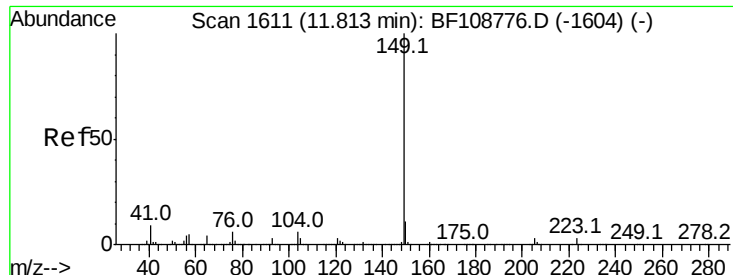
Sohil
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#72
 Carbazole
 Concen: 40.882 ng
 RT: 11.47 min Scan# 1553
 Delta R.T. -0.00 min
 Lab File: BF108844.D
 Acq: 7 Sep 2018 00:47

Tgt Ion:167 Resp: 1123628
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 13.3 10.9 16.3





#73

Di-n-butylphthalate

Concen: 47.789 ng

RT: 11.81 min Scan# 1611

Delta R.T. -0.00 min

Lab File: BF108844.D

Acq: 7 Sep 2018 00:47

Instrument :

BNA_F

ClientSampleId :

EP1-Q2-J6-MSD

Tot Ion:149 Resp: 1458579

Ion Ratio Lower Upper

149 100

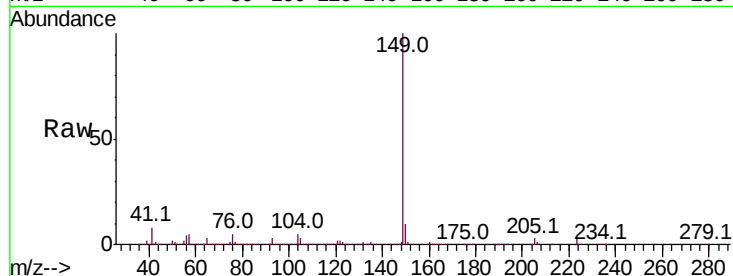
150 9.8 7.8 11.6

104 4.9 3.8 5.8

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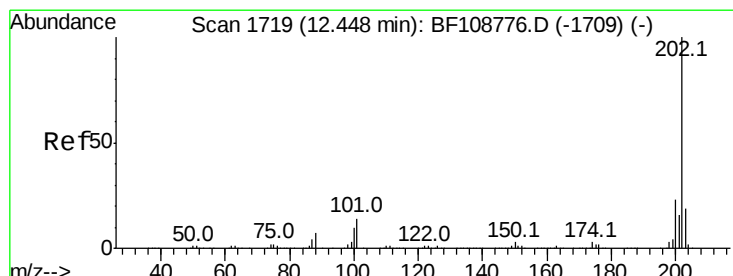
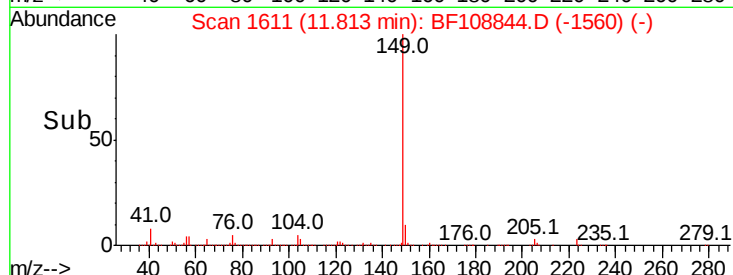
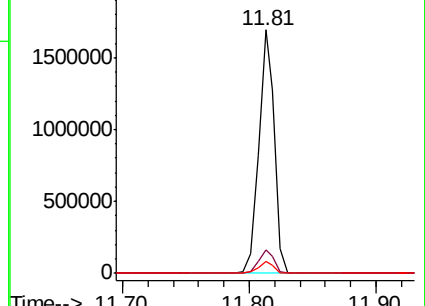
9/7/2018 11:15:58 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 47.617 ng

RT: 12.45 min Scan# 1719

Delta R.T. -0.00 min

Lab File: BF108844.D

Acq: 7 Sep 2018 00:47

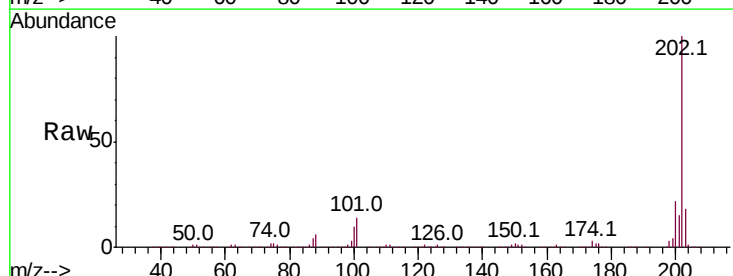
Tgt Ion:202 Resp: 1285075

Ion Ratio Lower Upper

202 100

101 13.7 0.0 34.1

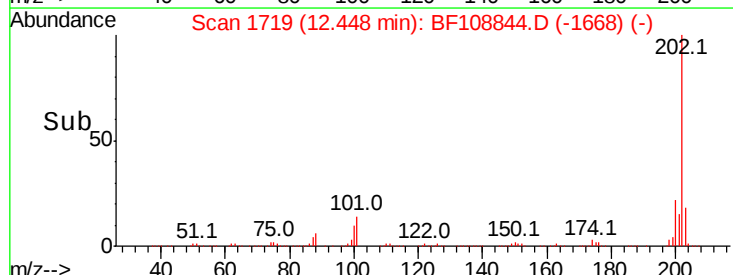
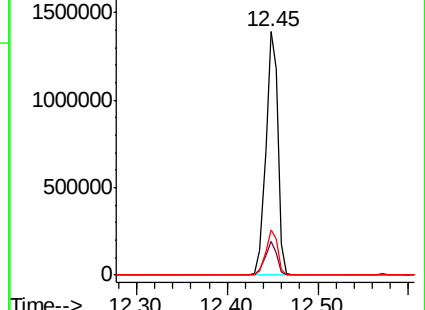
203 18.4 0.0 38.1

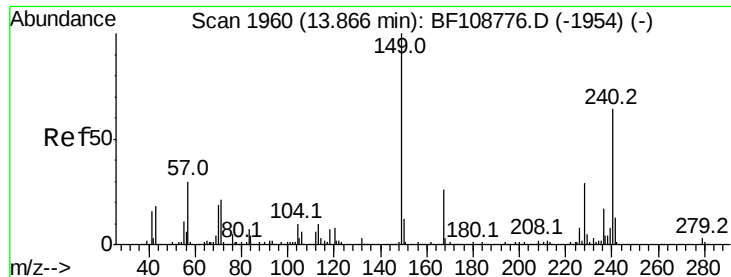


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





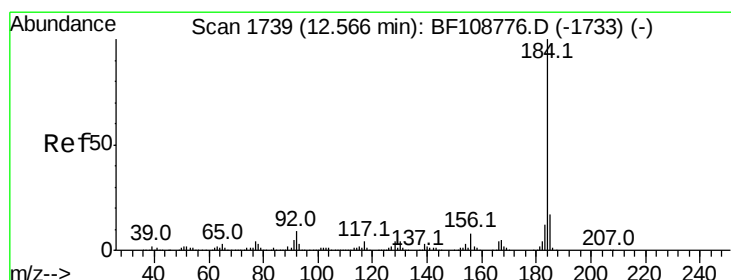
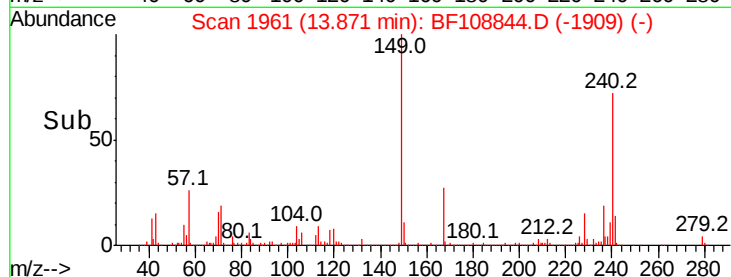
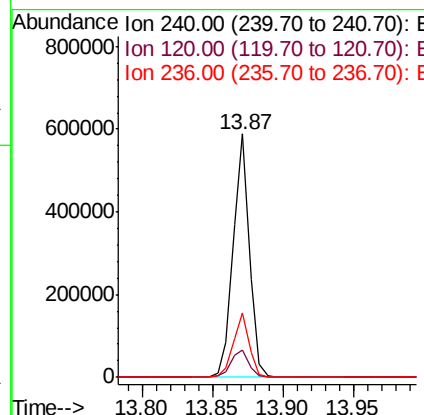
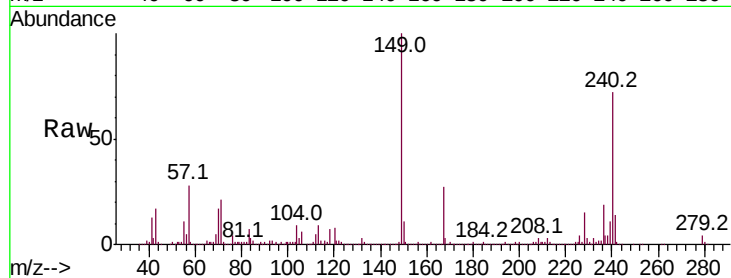
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 1961
Delta R.T. 0.01 min
Lab File: BF108844.D
Acq: 7 Sep 2018 00:47

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-J6-MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.5	14.3
236	26.6	20.7	31.1

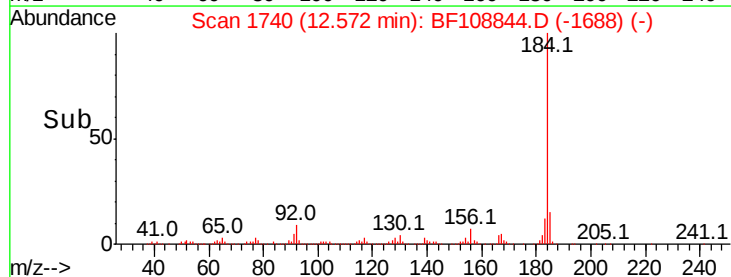
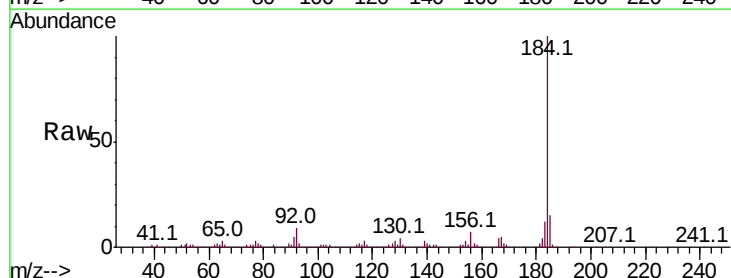
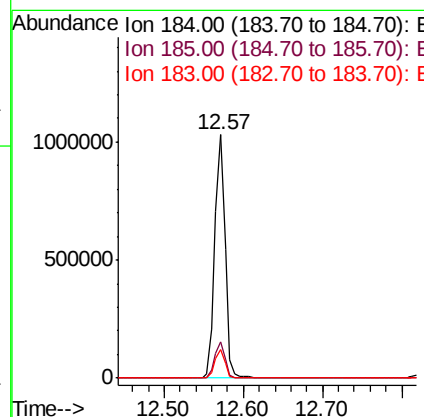
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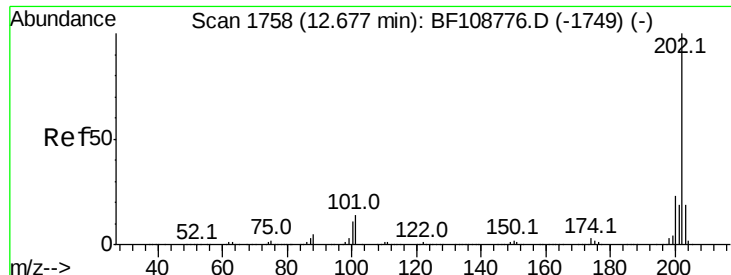
Sohil
9/7/2018 11:15:58 AM



#76
Benzidine
Concen: 42.165 ng
RT: 12.57 min Scan# 1740
Delta R.T. 0.01 min
Lab File: BF108844.D
Acq: 7 Sep 2018 00:47

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.9	12.6	18.8
183	11.6	9.3	13.9





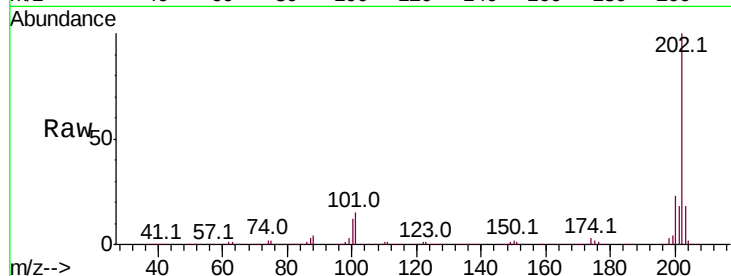
#77
Pvrene
Concen: 36.214 ng
RT: 12.68 min Scan# 1758
Delta R.T. -0.00 min
Lab File: BF108844.D
Acq: 7 Sep 2018 00:47

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-J6-MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.6	17.4	26.2
203	18.3	14.3	21.5

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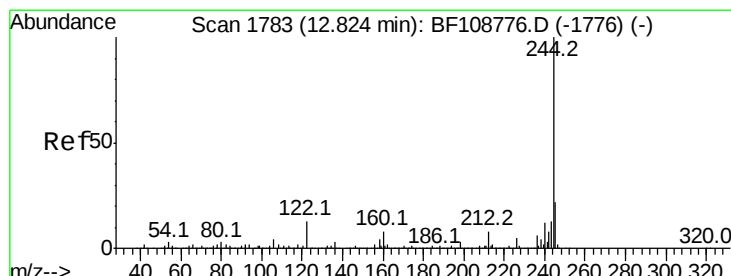
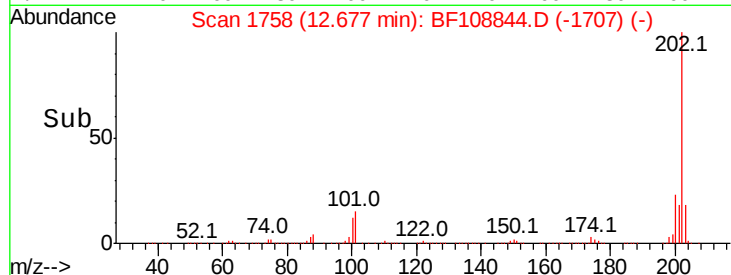
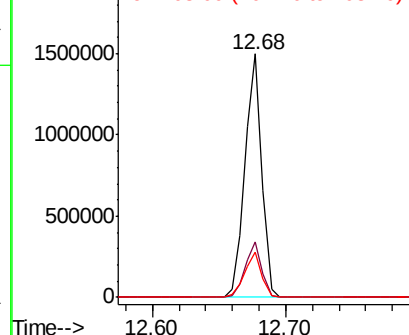


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 76.399 ng
RT: 12.82 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BF108844.D
Acq: 7 Sep 2018 00:47

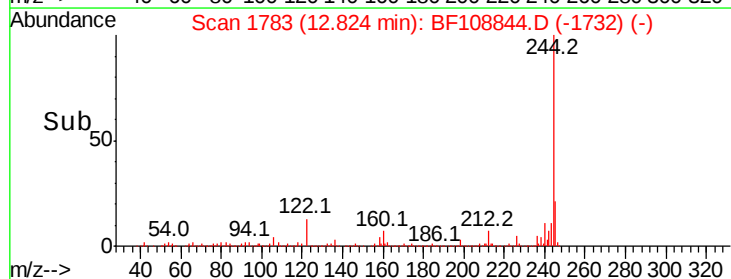
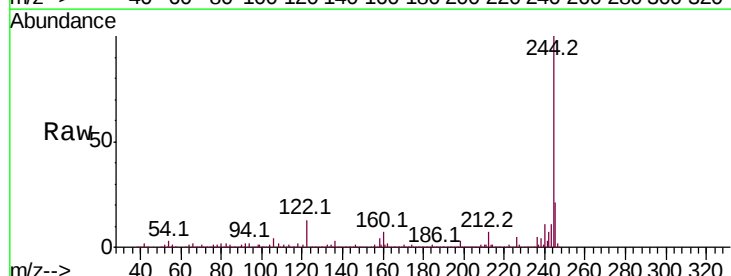
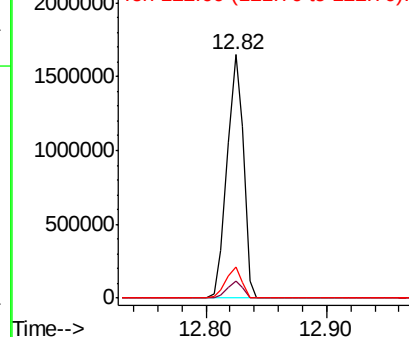
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	12.7	11.0	16.4

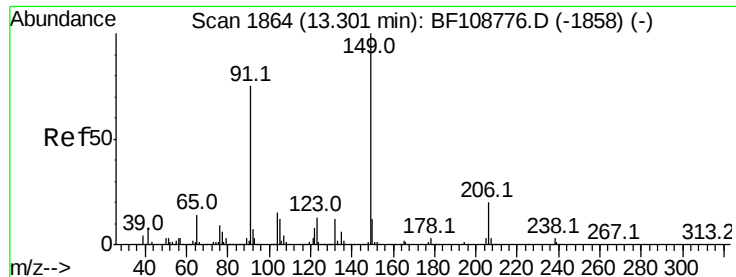
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 37.219 ng

RT: 13.30 min Scan# 1864

Delta R.T. -0.00 min

Lab File: BF108844.D

Acq: 7 Sep 2018 00:47

Instrument :

BNA_F

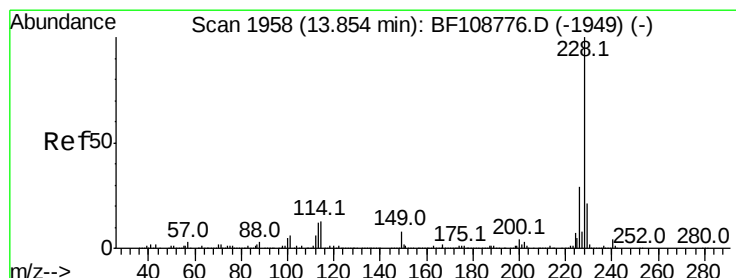
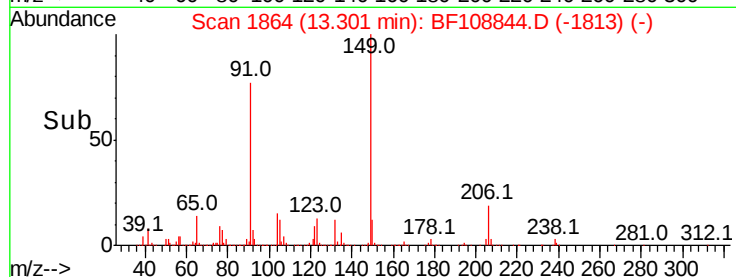
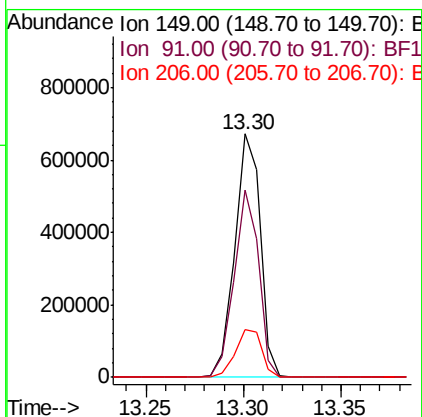
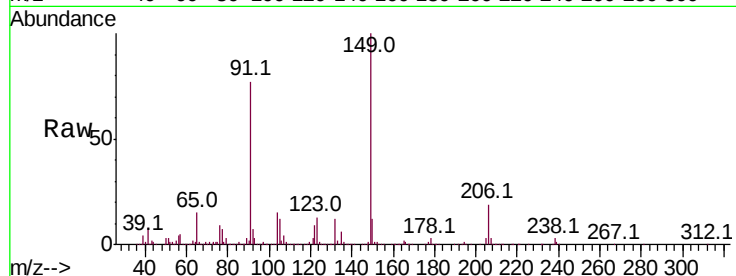
ClientSampleId :

EP1-Q2-J6-MSD

Tot Ion:	149	Resp:	604967
Ion Ratio	Lower	Upper	
149	100		
91	76.8	56.8	85.2
206	19.4	14.1	21.1

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#80

Benzo(a)anthracene

Concen: 42.176 ng

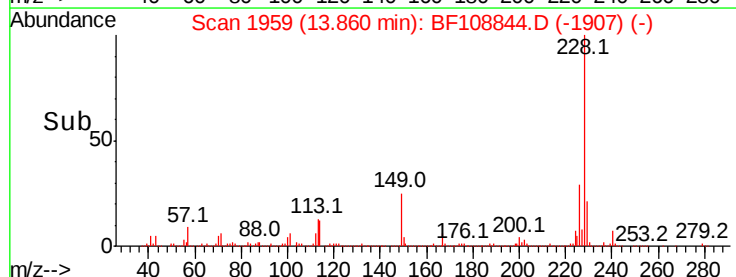
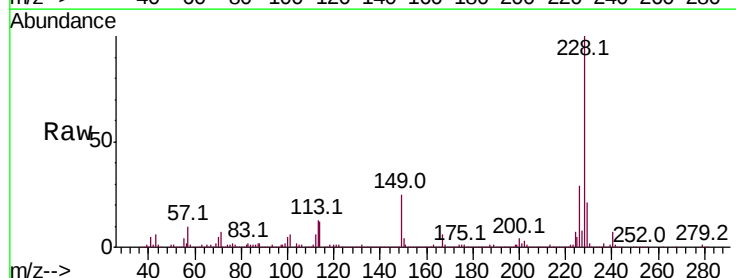
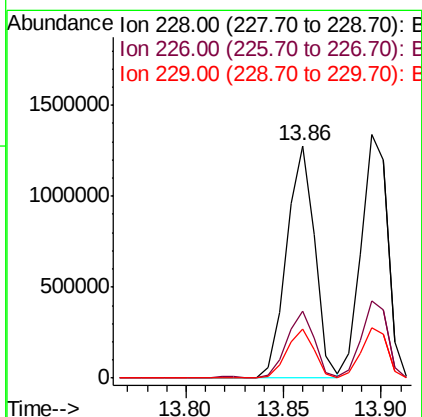
RT: 13.86 min Scan# 1959

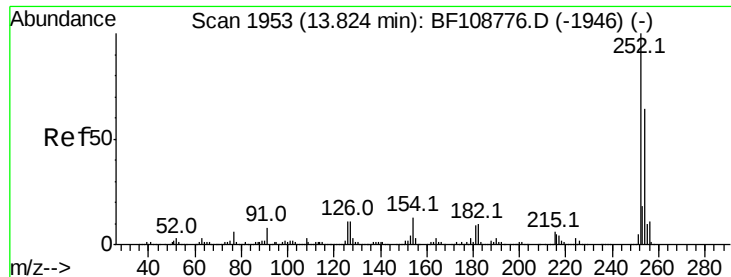
Delta R.T. 0.01 min

Lab File: BF108844.D

Acq: 7 Sep 2018 00:47

Tgt Ion:	228	Resp:	1268062
Ion Ratio	Lower	Upper	
228	100		
226	29.1	22.6	33.8
229	20.9	15.8	23.6





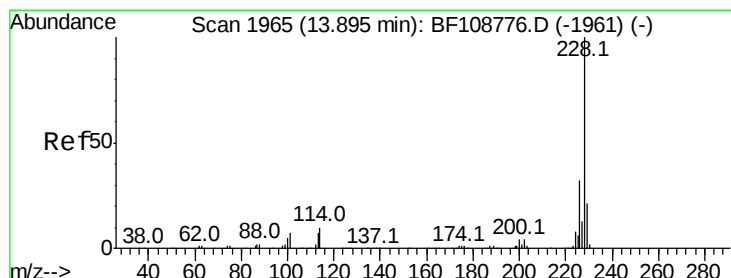
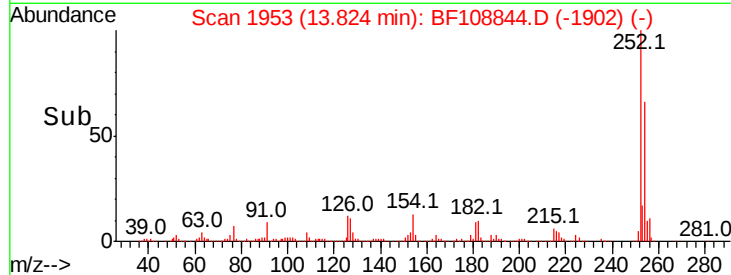
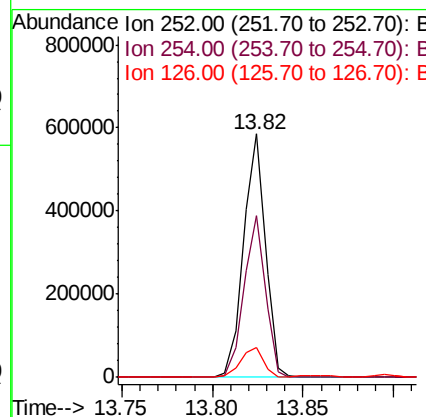
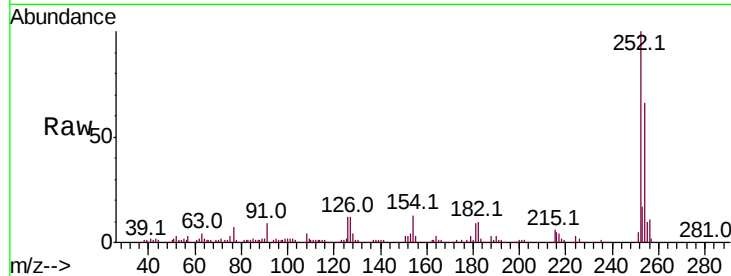
#81
 3,3'-Dichlorobenzidine
 Concen: 41.910 ng
 RT: 13.82 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: BF108844.D
 Acq: 7 Sep 2018 00:47

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-J6-MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
252	100		490922		
254	66.1	50.4	75.6		
126	12.1	11.3	16.9		

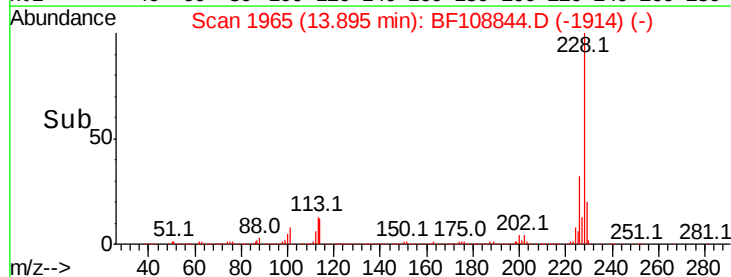
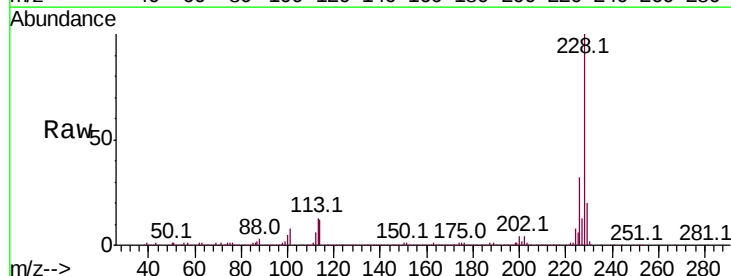
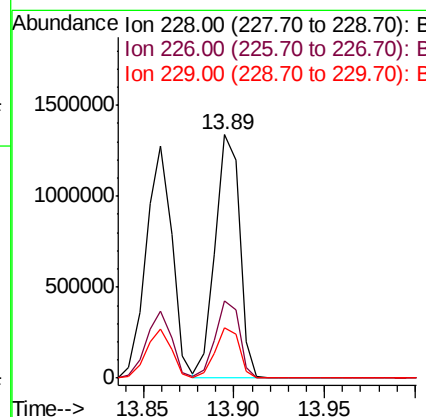
Manual Integrations
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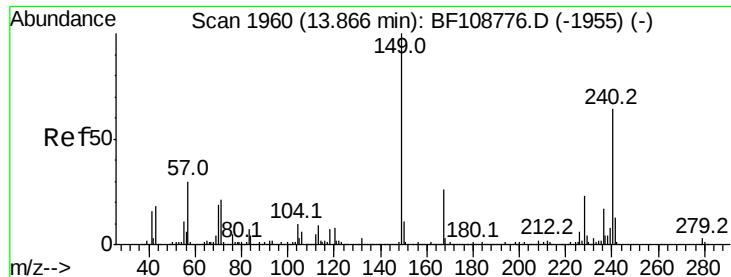
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#82
 Chrysene
 Concen: 43.175 ng
 RT: 13.89 min Scan# 1965
 Delta R.T. -0.00 min
 Lab File: BF108844.D
 Acq: 7 Sep 2018 00:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		1256648		
226	31.8	25.0	37.6		
229	20.5	16.2	24.4		





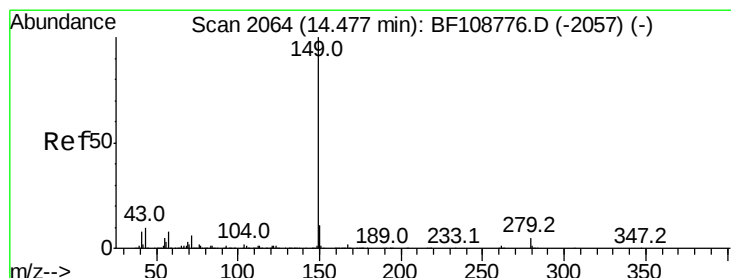
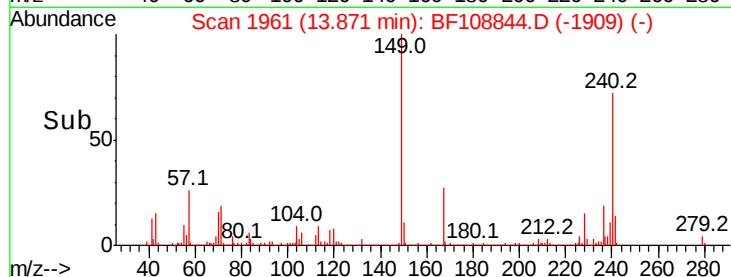
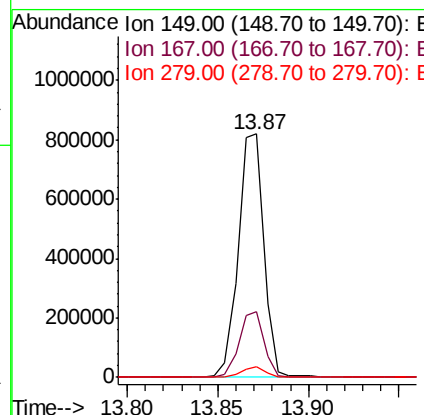
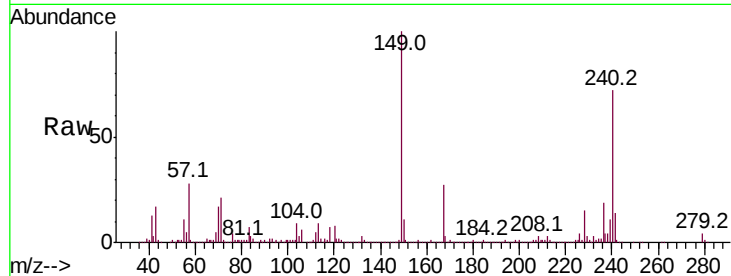
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.274 ng
 RT: 13.87 min Scan# 1961
 Delta R.T. 0.01 min
 Lab File: BF108844.D
 Acq: 7 Sep 2018 00:47

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-J6-MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.3	31.9
279	4.1	3.0	4.4

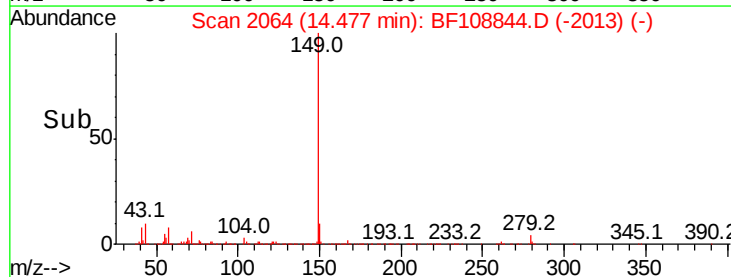
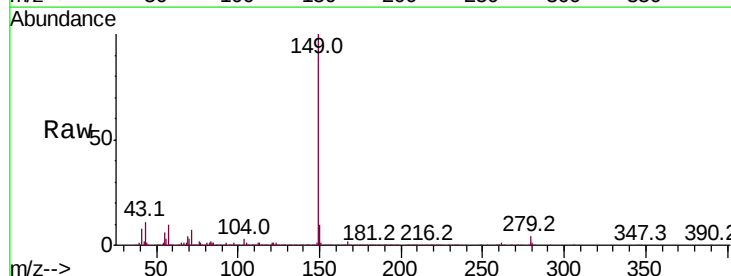
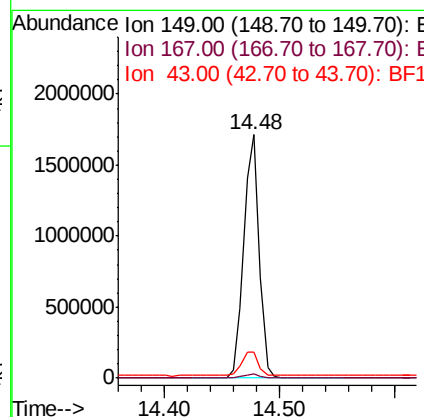
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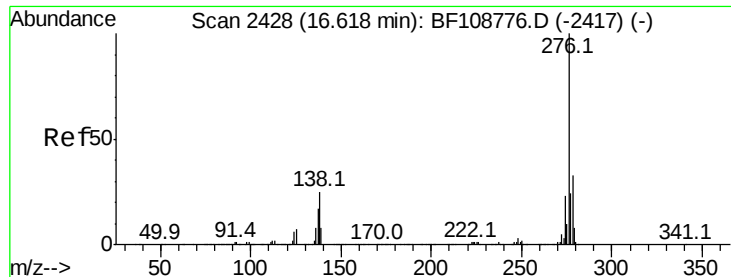
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#84
 Di-n-octyl phthalate
 Concen: 46.366 ng
 RT: 14.48 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: BF108844.D
 Acq: 7 Sep 2018 00:47

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.1	8.4	12.6





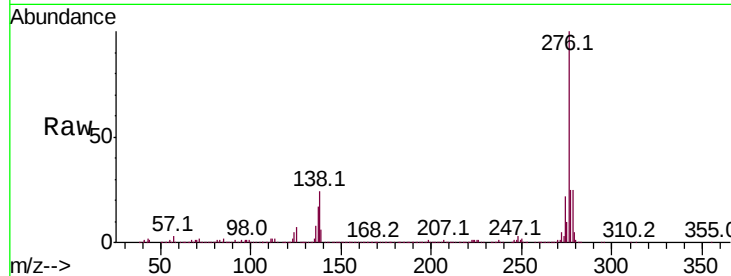
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.935 ng
 RT: 16.63 min Scan# 2430
 Delta R.T. 0.01 min
 Lab File: BF108844.D
 Acq: 7 Sep 2018 00:47

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-J6-MSD

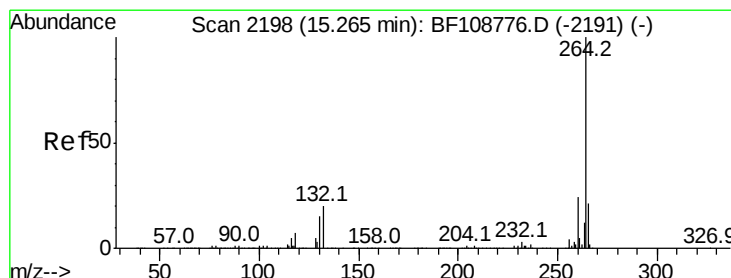
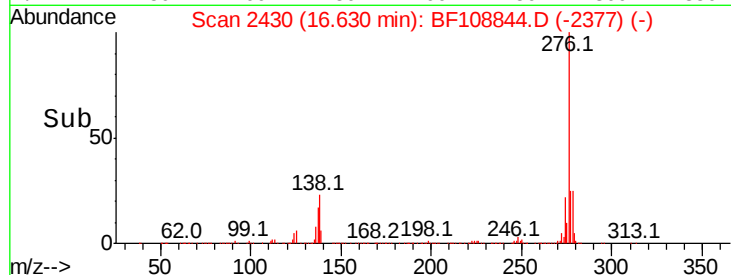
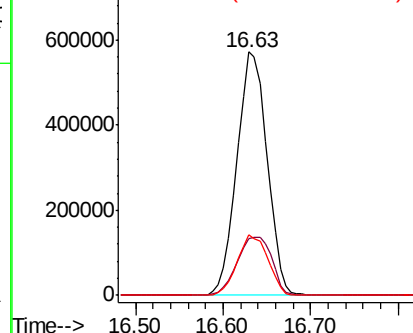
Tot Ion	Ratio	Lower	Upper
276	100		
138	27.4	25.0	37.6
277	25.5	20.1	30.1

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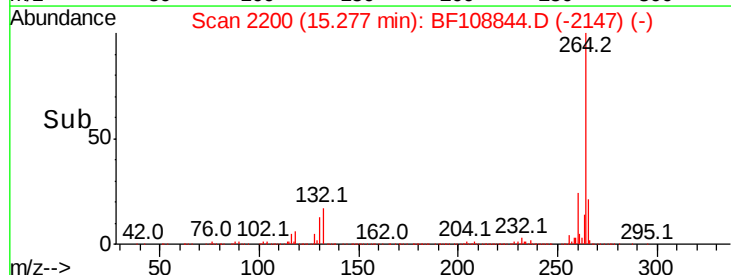
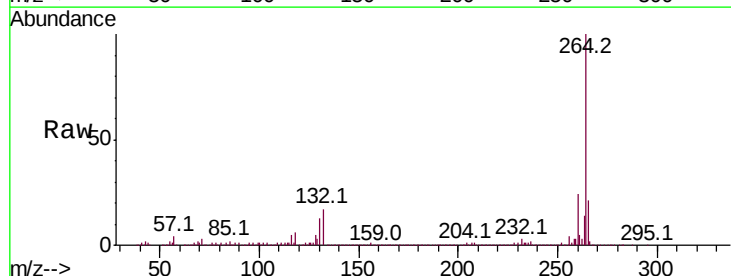
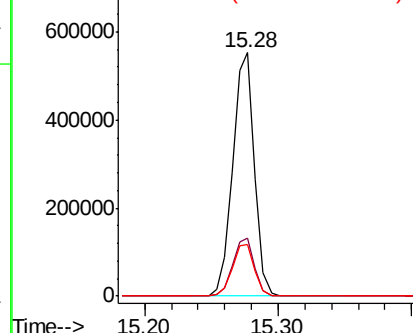
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

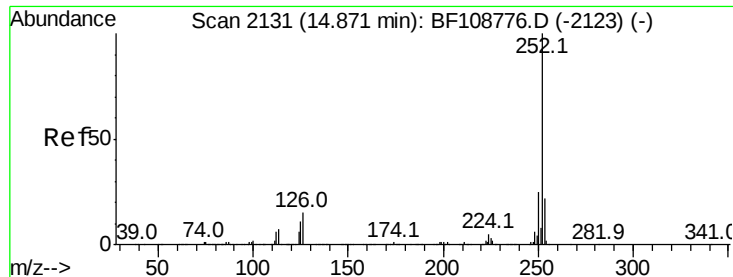


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: BF108844.D
 Acq: 7 Sep 2018 00:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.4	17.5	26.3

Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 40.681 ng

RT: 14.88 min Scan# 2132

Delta R.T. 0.01 min

Lab File: BF108844.D

Acq: 7 Sep 2018 00:47

Instrument :

BNA_F

ClientSampleId :

EP1-Q2-J6-MSD

Tot Ion:252 Resp: 1393898

Ion Ratio Lower Upper

252 100

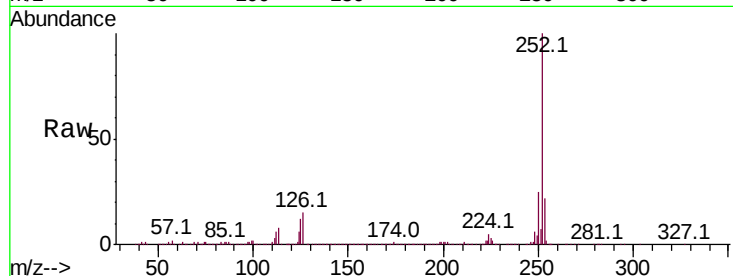
253 22.3 17.0 25.6

125 11.9 9.0 13.6

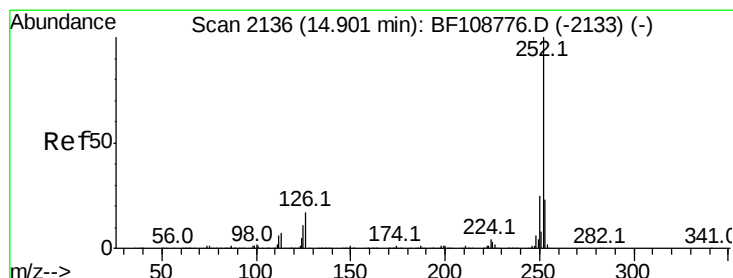
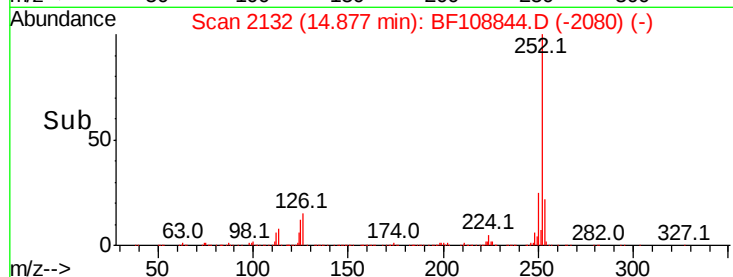
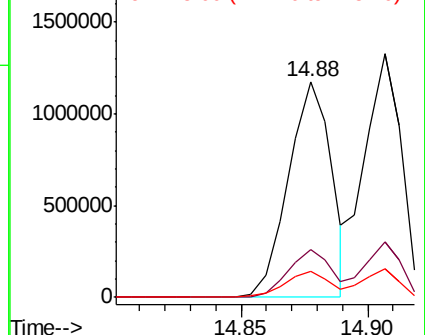
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 42.491 ng

RT: 14.91 min Scan# 2137

Delta R.T. 0.01 min

Lab File: BF108844.D

Acq: 7 Sep 2018 00:47

Tgt Ion:252 Resp: 1340772

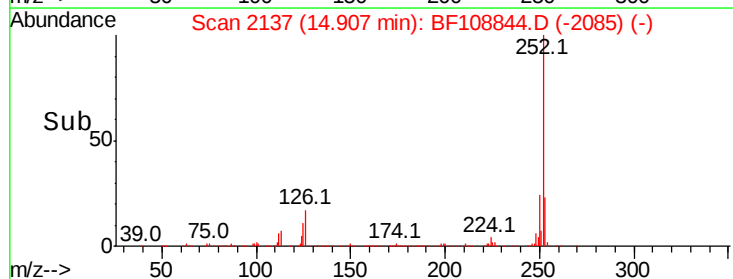
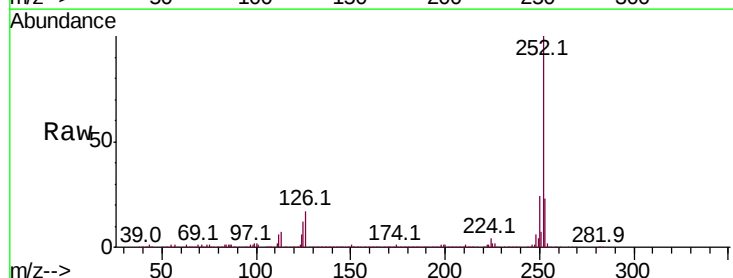
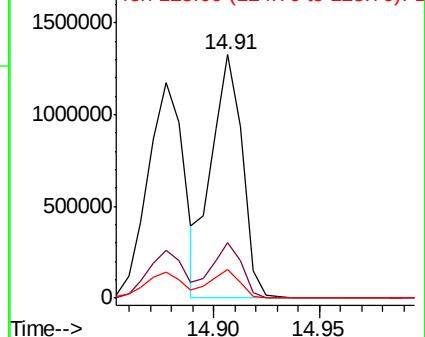
Ion Ratio Lower Upper

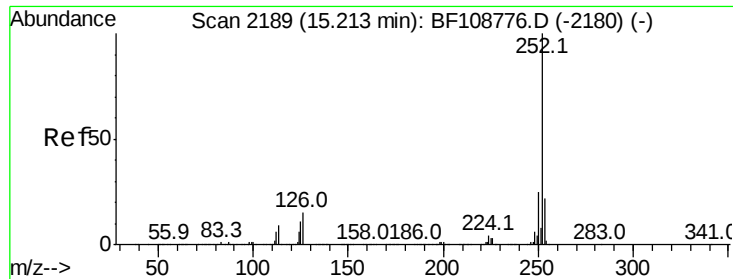
252 100

253 22.6 17.9 26.9

125 11.5 10.2 15.2

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





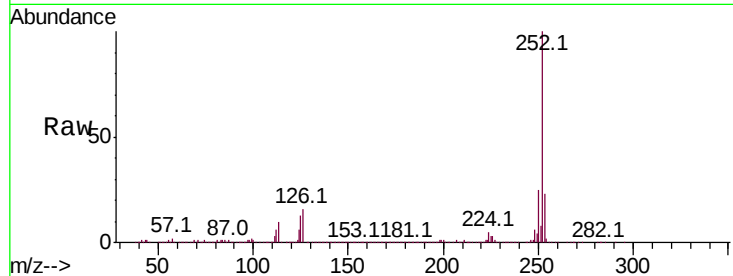
#89
Benzo(a)pyrene
Concen: 43.767 ng
RT: 15.22 min Scan# 2190
Delta R.T. 0.01 min
Lab File: BF108844.D
Acq: 7 Sep 2018 00:47

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-J6-MSD

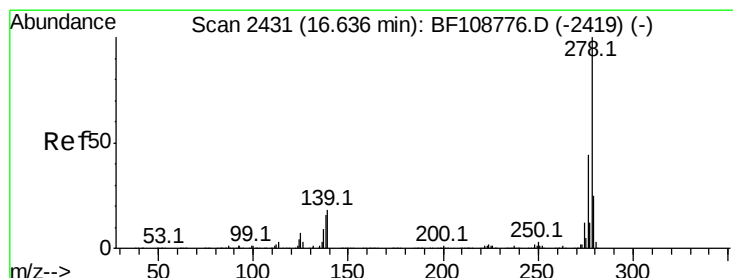
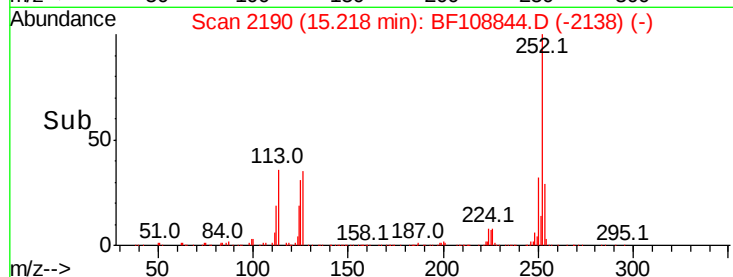
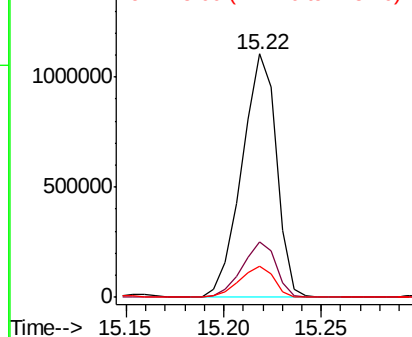
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	12.6	9.8	14.6

Manual Integrations
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Sohil
9/7/2018 11:15:58 AM

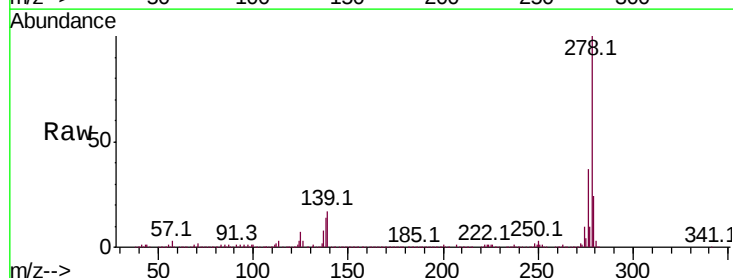


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

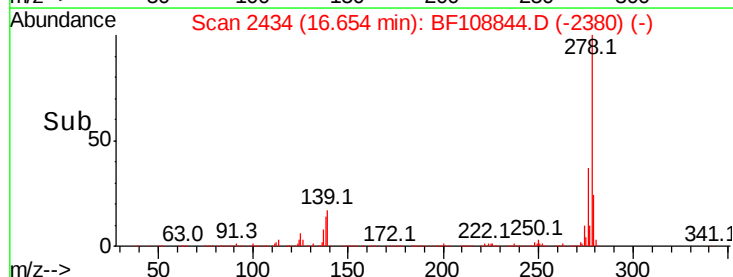
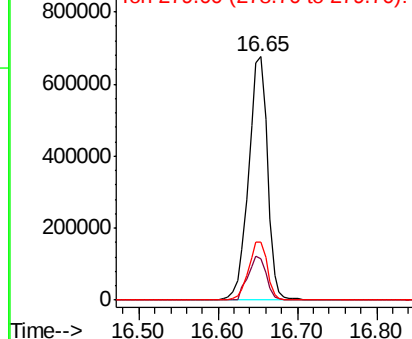


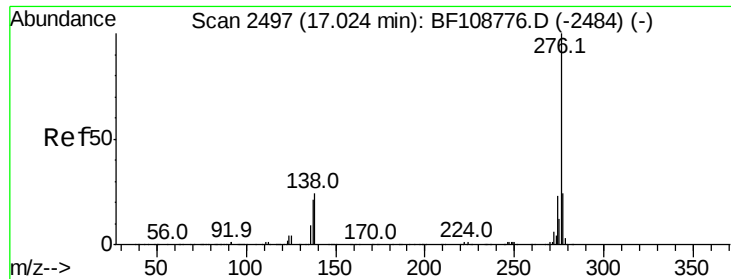
#90
Dibenzo(a,h)anthracene
Concen: 41.315 ng
RT: 16.65 min Scan# 2434
Delta R.T. 0.02 min
Lab File: BF108844.D
Acq: 7 Sep 2018 00:47

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.9	15.9	23.9
279	24.0	19.0	28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 38.397 ng
 RT: 17.04 min Scan# 2500
 Delta R.T. 0.02 min
 Lab File: BF108844.D
 Acq: 7 Sep 2018 00:47

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-J6-MSD

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
277	23.4	17.9	26.9	
138	22.9	21.8	32.8	

Manual Integrations
 APPROVED

Sohil
 9/7/2018 11:15:58 AM

