

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081418\
 Data File : BF108149.D
 Acq On : 14 Aug 2018 17:14
 Operator : JU/SJ
 Sample : J4460-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RA-080918-FL-001MS

Manual Integrations
 APPROVED

Sohil
 8/15/2018 3:38:37 PM

Quant Time: Aug 14 18:41:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	187533	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	663726	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	282339	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	493644	20.00	ng	0.00
75) Chrysene-d12	14.22	240	439244	20.00	ng	0.00
86) Perylene-d12	15.78	264	303061	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	954102	92.11	ng	0.02
7) Phenol-d6	6.64	99	1273111	92.49	ng	0.01
23) Nitrobenzene-d5	7.58	82	778376	65.44	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	256585	91.11	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	1281519	72.87	ng	0.00
78) Terphenyl-d14	13.15	244	1266953	73.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.97	88	137137	25.766	ng	89
3) Pyridine	3.73	79	357845	26.100	ng	87
4) n-Nitrosodimethylamine	3.69	42	225780	29.265	ng	# 83
6) Aniline	6.68	93	429601	22.945	ng	98
8) 2-Chlorophenol	6.81	128	377771	32.381	ng	98
9) Benzaldehyde	6.57	77	230432	21.592	ng	94
10) Phenol	6.65	94	463415	32.547	ng	93
11) bis(2-Chloroethyl)ether	6.75	93	365367	31.741	ng	91
12) 1,3-Dichlorobenzene	6.96	146	406042	30.101	ng	98
13) 1,4-Dichlorobenzene	7.04	146	412538	30.439	ng	98
14) 1,2-Dichlorobenzene	7.19	146	384864	30.529	ng	97
15) Benzyl Alcohol	7.15	79	358761	30.960	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.28	45	699509	29.498	ng	96
17) 2-Methylphenol	7.26	107	310631	31.049	ng	97
18) Hexachloroethane	7.53	117	129181	26.773	ng	94
19) n-Nitroso-di-n-propylamine	7.42	70	280610	30.146	ng	# 88
20) 3+4-Methylphenols	7.41	107	403139	31.445	ng	97
22) Acetophenone	7.42	105	533078	34.349	ng	# 95
24) Nitrobenzene	7.60	77	406527	33.799	ng	98
25) Isophorone	7.84	82	742985	32.772	ng	98
26) 2-Nitrophenol	7.91	139	159218	35.053	ng	90
27) 2,4-Dimethylphenol	7.94	122	333792	33.173	ng	98
28) bis(2-Chloroethoxy)methane	8.04	93	457231	34.547	ng	98
29) 2,4-Dichlorophenol	8.15	162	308938	33.363	ng	97
30) 1,2,4-Trichlorobenzene	8.24	180	325563	31.889	ng	96
31) Naphthalene	8.32	128	1006103	33.331	ng	99
32) Benzoic acid	8.00	122	15821	8.347	ng	98
33) 4-Chloroaniline	8.37	127	272883	20.745	ng	97
34) Hexachlorobutadiene	8.44	225	210322	32.542	ng	100
35) Caprolactam	8.72	113	84398m	29.085	ng	
36) 4-Chloro-3-methylphenol	8.84	107	305306	30.563	ng	98
37) 2-Methylnaphthalene	9.02	142	664850	31.132	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	325816	37.578	ng	97
40) Hexachlorocyclopentadiene	9.16	237	63945	11.418	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	205317	38.160	nq	99
43) 2,4,5-Trichlorophenol	9.33	196	215318	36.354	nq	95
45) 1,1'-Biphenyl	9.48	154	786081	37.762	nq	98
46) 2-Chloronaphthalene	9.51	162	588057	35.742	nq	98
47) 2-Nitroaniline	9.60	65	199525	37.480	nq	89
48) Acenaphthylene	9.93	152	907837	34.902	nq	100
49) Dimethylphthalate	9.77	163	849199	43.178	nq	# 99
50) 2,6-Dinitrotoluene	9.84	165	143438	34.859	nq	98
51) Acenaphthene	10.10	154	527800	33.129	nq	100
52) 3-Nitroaniline	10.01	138	133173	29.580	nq	95
53) 2,4-Dinitrophenol	10.12	184	2920	8.751	nq	# 21
54) Dibenzofuran	10.27	168	777121	33.669	nq	99
55) 4-Nitrophenol	10.17	139	194031	56.914	nq	91
56) 2,4-Dinitrotoluene	10.25	165	169297	31.964	nq	# 99
57) Fluorene	10.62	166	604523	33.086	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.39	232	160909	32.504	nq	# 85
59) Diethylphthalate	10.47	149	658307	34.567	nq	97
60) 4-Chlorophenyl-phenylether	10.60	204	308392	32.392	nq	96
61) 4-Nitroaniline	10.62	138	135210	30.377	nq	93
62) Azobenzene	10.77	77	613976	31.217	nq	93
64) 4,6-Dinitro-2-methylphenol	10.65	198	7247	8.832	nq	92
65) n-Nitrosodiphenylamine	10.72	169	543516	37.259	nq	96
66) 4-Bromophenyl-phenylether	11.10	248	184806	34.449	nq	89
67) Hexachlorobenzene	11.17	284	186610	33.061	nq	# 90
68) Atrazine	11.24	200	176184	36.009	nq	96
69) Pentachlorophenol	11.36	266	168935	62.530	nq	97
70) Phenanthrene	11.59	178	948642	40.743	nq	99
71) Anthracene	11.64	178	872762	36.573	nq	99
72) Carbazole	11.79	167	766636	36.158	nq	99
73) Di-n-butylphthalate	12.11	149	914480	38.079	nq	99
74) Fluoranthene	12.78	202	1067758	42.019	nq	96
76) Benzidine	12.90	184	535933	32.656	nq	97
77) Pyrene	13.02	202	1062656	38.213	nq	99
79) Butylbenzylphthalate	13.62	149	397507	35.998	nq	# 98
80) Benzo(a)anthracene	14.21	228	918753	36.447	nq	99
81) 3,3'-Dichlorobenzidine	14.17	252	299101	33.109	nq	# 98
82) Chrysene	14.25	228	824142	35.661	nq	100
83) Bis(2-ethylhexyl)phthalate	14.17	149	548998	36.714	nq	99
84) Di-n-octyl phthalate	14.79	149	962960	42.225	nq	96
85) Indeno(1,2,3-cd)pyrene	17.41	276	491954	24.568	nq	# 92
87) Benzo(b)fluoranthene	15.31	252	718974m	39.702	nq	
88) Benzo(k)fluoranthene	15.34	252	577228	34.675	nq	# 96
89) Benzo(a)pyrene	15.71	252	569669	35.130	nq	98
90) Dibenzo(a,h)anthracene	17.42	278	406707	30.312	nq	# 95
91) Benzo(g,h,i)perylene	17.91	276	412966	31.257	nq	# 92

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

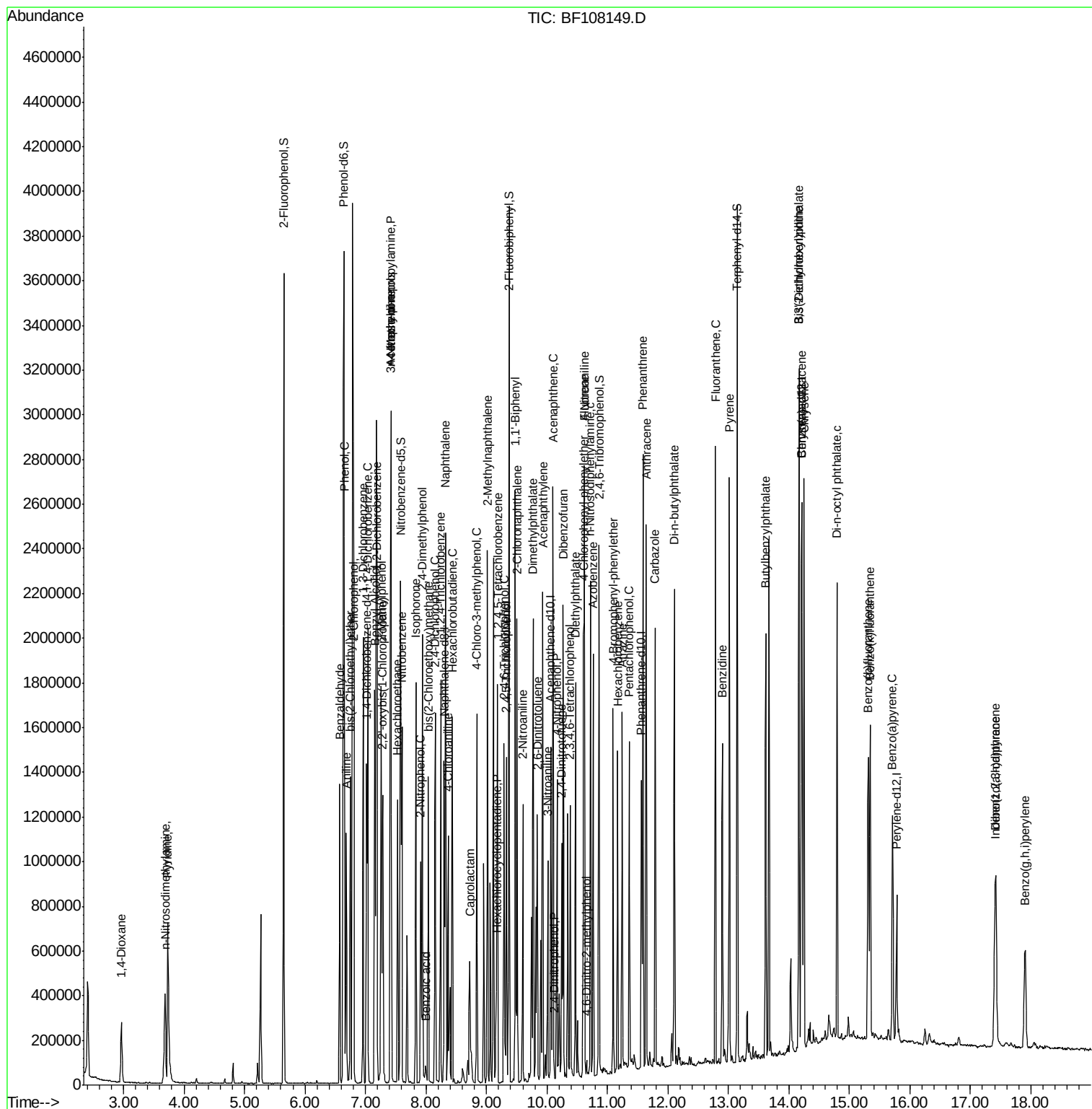
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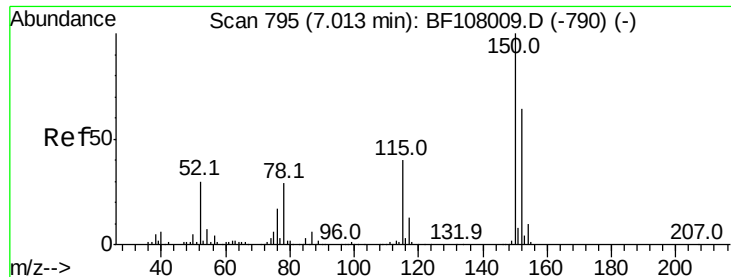
Instrument :
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#1

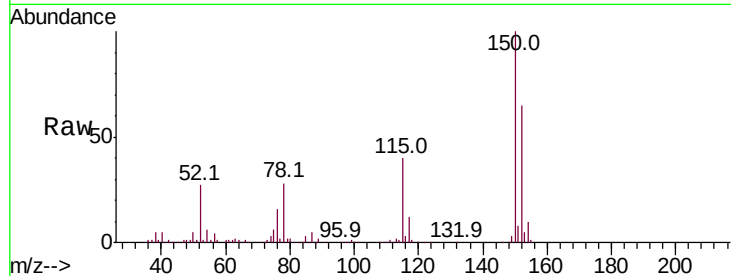
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108149.D
Acq: 14 Aug 2018 17:14

Instrument :
BNA_F
ClientSampleId :
RA-080918-FL-001MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.6	186.8
115	61.3	50.1	75.1

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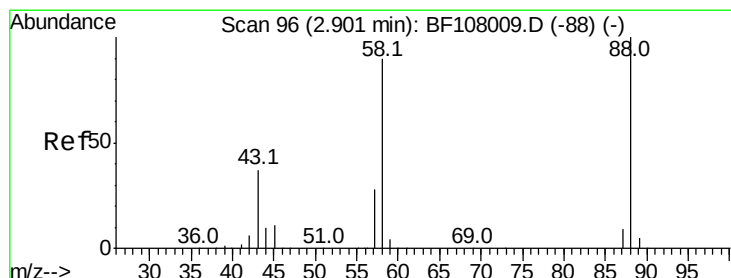
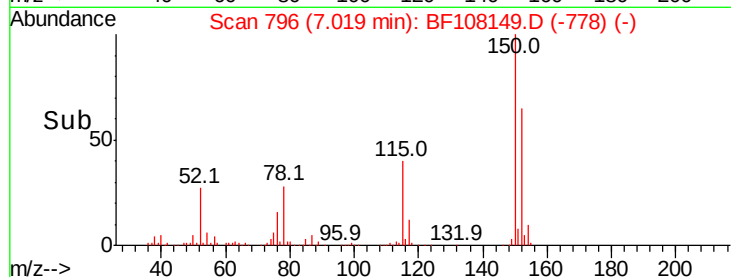
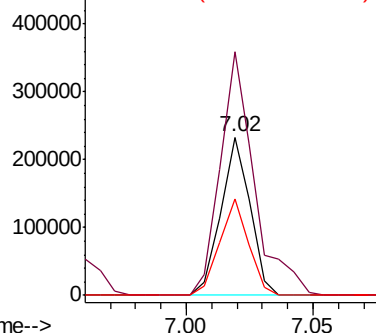


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

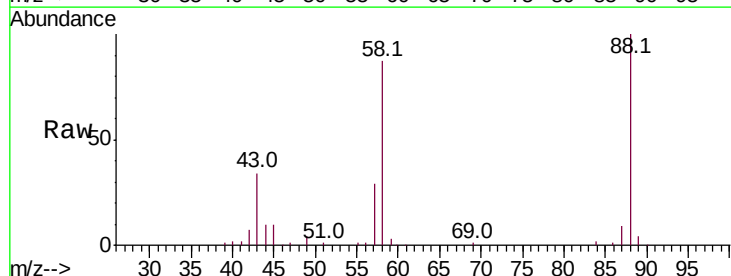
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 25.766 ng
RT: 2.97 min Scan# 107
Delta R.T. 0.06 min
Lab File: BF108149.D
Acq: 14 Aug 2018 17:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.4	62.6	93.8
43	36.5	24.6	37.0

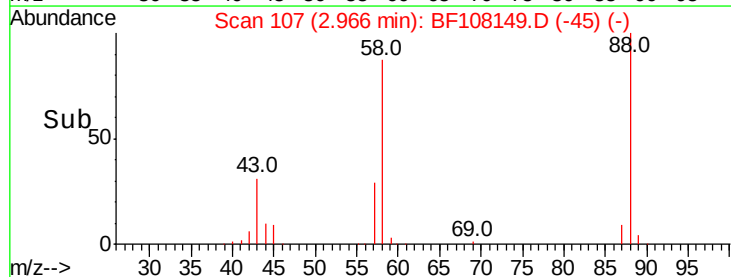
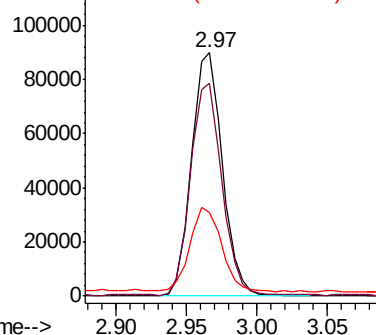


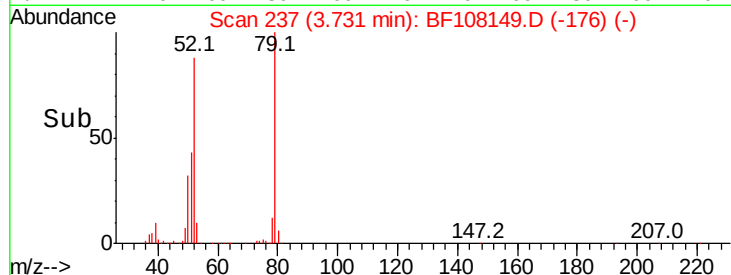
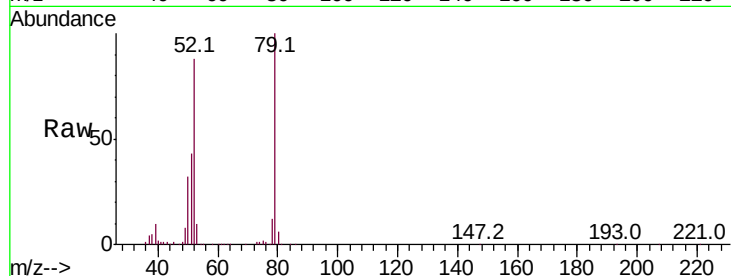
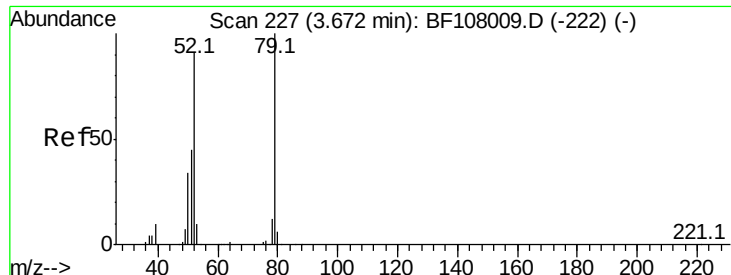
Abundance

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: 26.100 ng

RT: 3.73 min Scan# 237

Delta R.T. 0.06 min

Lab File: BF108149.D

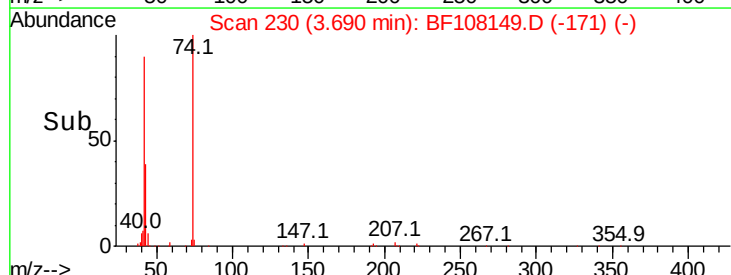
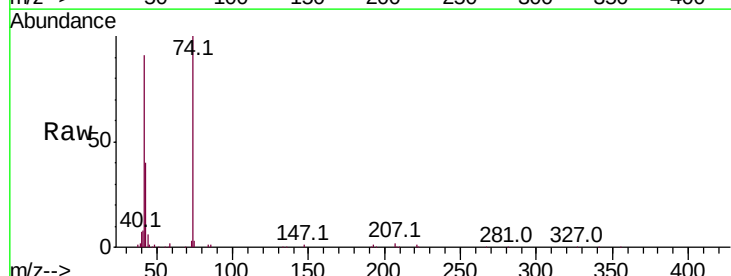
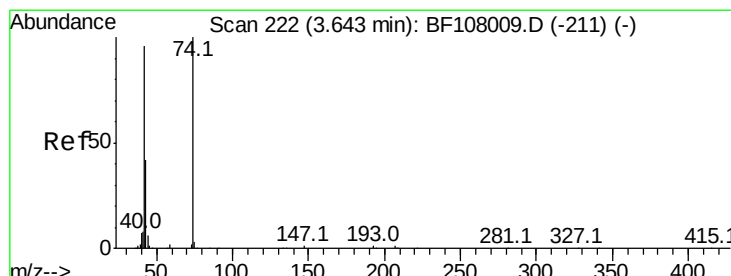
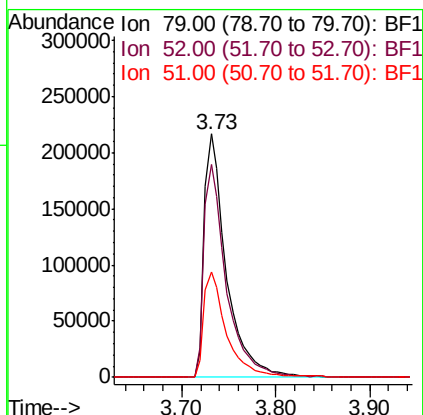
Acq: 14 Aug 2018 17:14

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
52	87.5	59.8	89.6	
51	43.1	29.8	44.8	

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#4

n-Nitrosodimethylamine

Concen: 29.265 ng

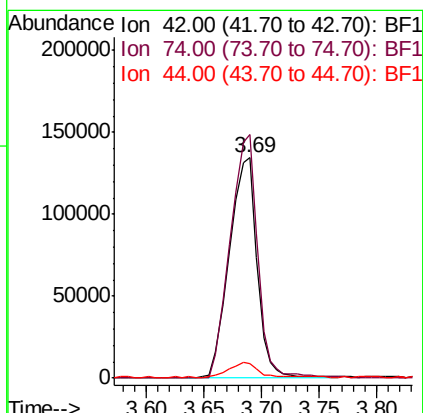
RT: 3.69 min Scan# 230

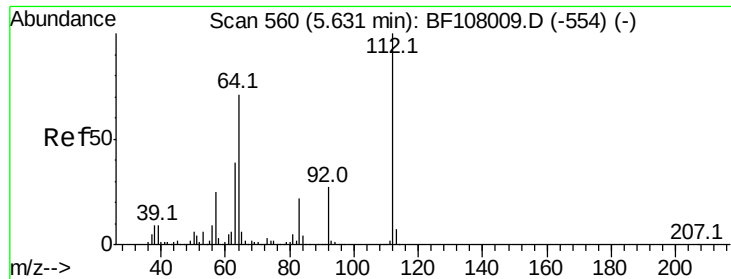
Delta R.T. 0.05 min

Lab File: BF108149.D

Acq: 14 Aug 2018 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
42	100			
74	110.5	104.9	157.3	
44	6.9	6.9	10.3#	





#5

2-Fluorophenol

Concen: 92.110 ng

RT: 5.65 min Scan# 564

Delta R.T. 0.02 min

Lab File: BF108149.D

Acq: 14 Aug 2018 17:14

Instrument :

BNA_F

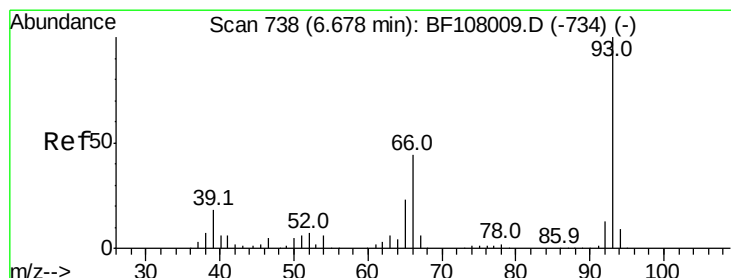
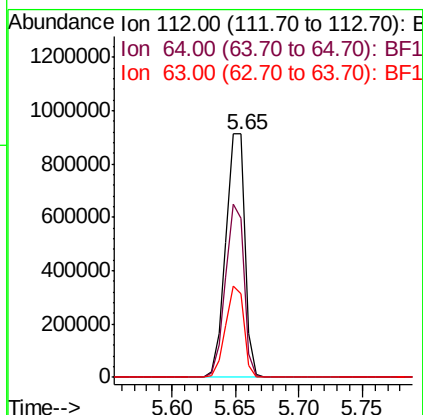
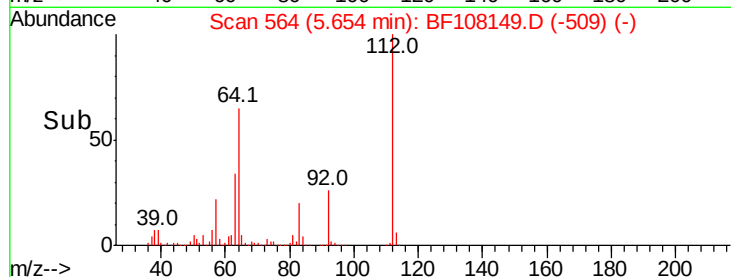
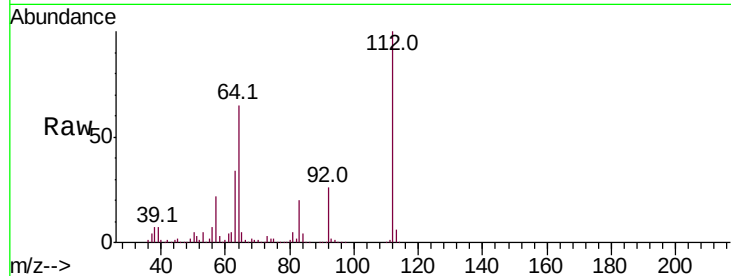
ClientSampleId :

RA-080918-FL-001MS

Tot Ion	Ratio	Resp	Lower	Upper
112	100			
64	65.2	47.9	71.9	
63	34.3	23.7	35.5	

Manual Integrations
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#6

Aniline

Concen: 22.945 ng

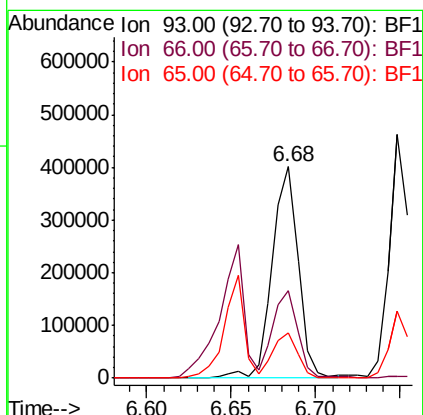
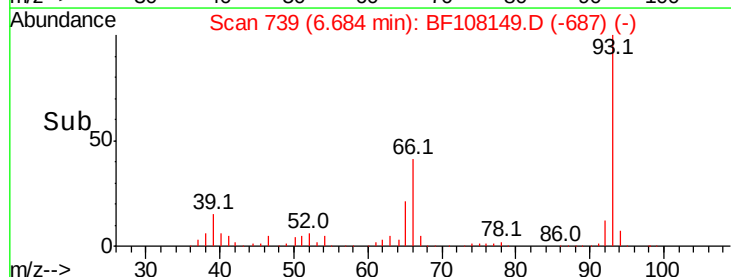
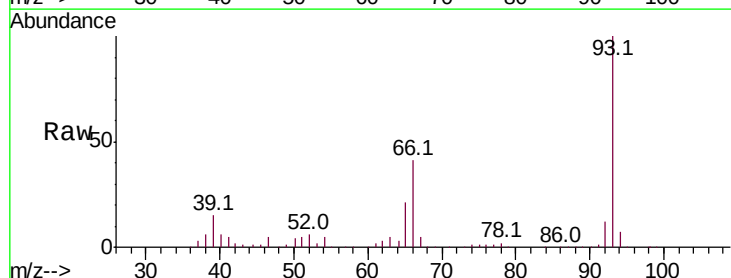
RT: 6.68 min Scan# 739

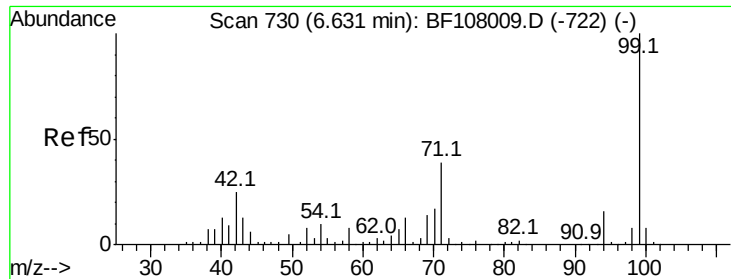
Delta R.T. 0.01 min

Lab File: BF108149.D

Acq: 14 Aug 2018 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
66	41.1	32.2	48.2	
65	21.5	16.4	24.6	





#7

Phenol-d6

Concen: 92.490 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF108149.D

Acq: 14 Aug 2018 17:14

Instrument :

BNA_F

ClientSampleId :

RA-080918-FL-001MS

Tot Ion: 99 Resp: 1273111

Ion Ratio Lower Upper

99 100

42 22.9 14.5 21.7#

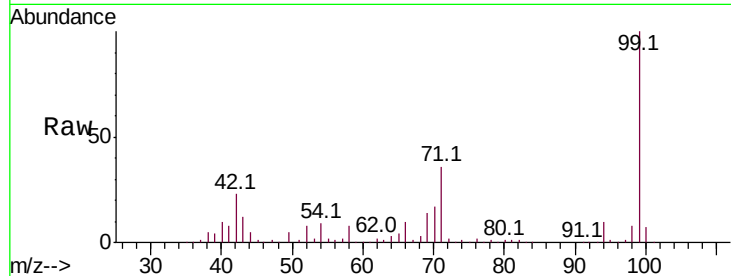
71 36.3 25.4 38.0

Manual Integrations

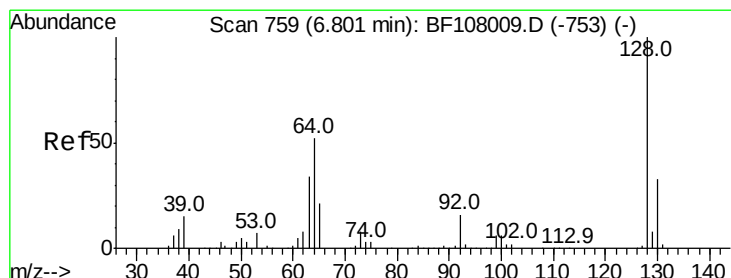
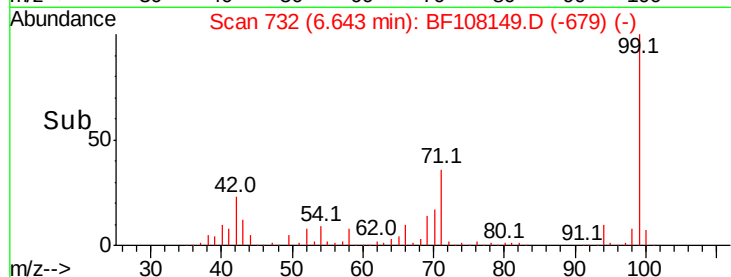
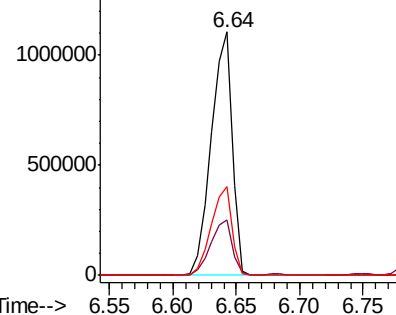
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Abundance Ion 99.00 (98.70 to 99.70): BF1
1500000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 32.381 ng

RT: 6.81 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF108149.D

Acq: 14 Aug 2018 17:14

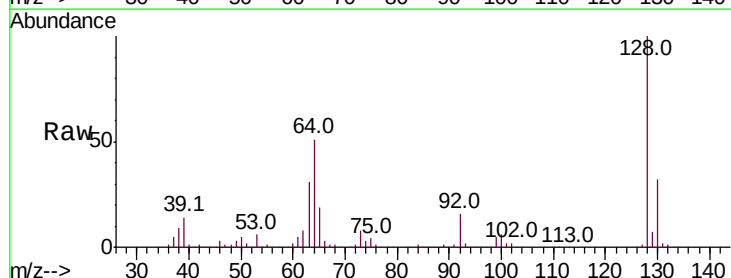
Tgt Ion:128 Resp: 377771

Ion Ratio Lower Upper

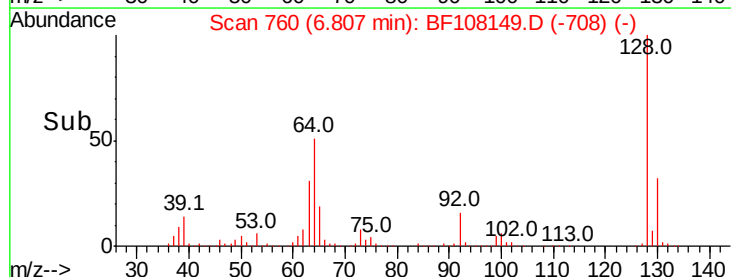
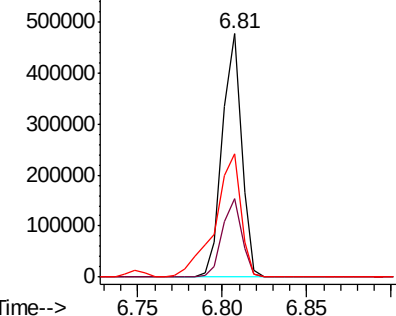
128 100

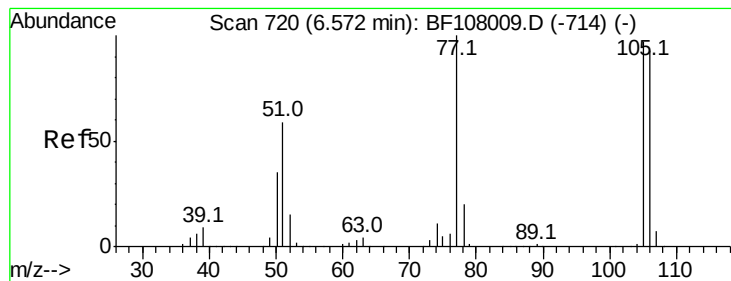
130 32.4 13.0 53.0

64 50.8 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
600000
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 21.592 ng

RT: 6.57 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF108149.D

Acq: 14 Aug 2018 17:14

Instrument :

BNA_F

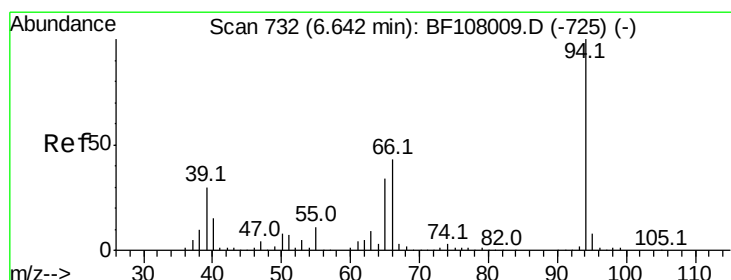
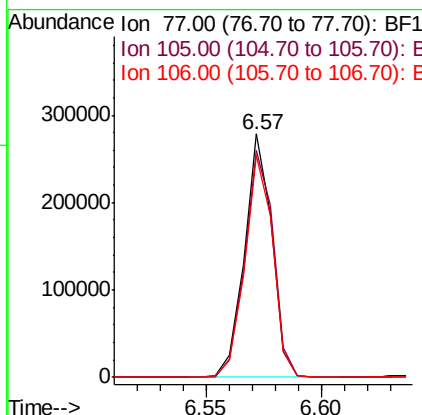
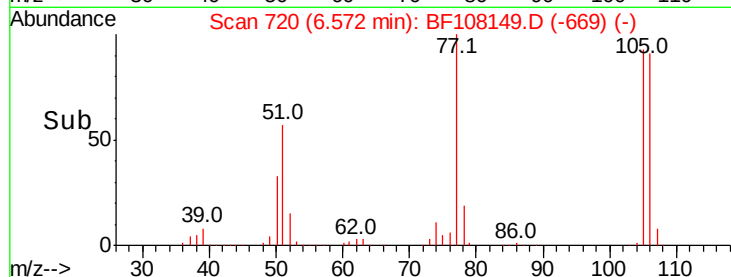
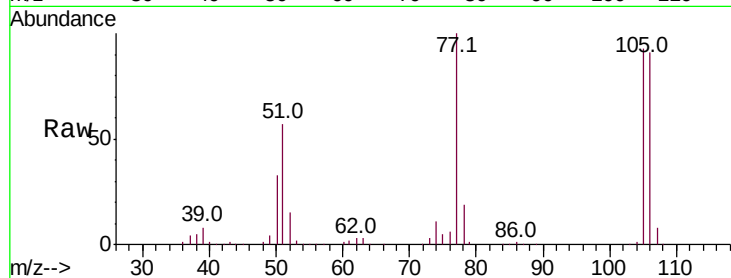
ClientSampleId :

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Tot Ion:	77	Resp:	230432
Ion Ratio	Lower	Upper	
77	100		
105	93.4	81.1	121.1
106	90.9	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 32.547 ng

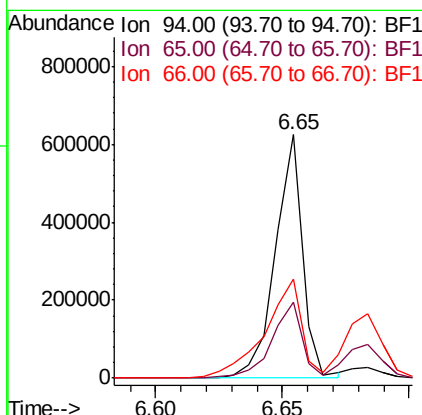
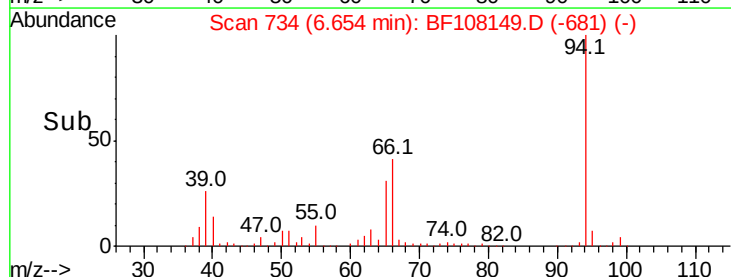
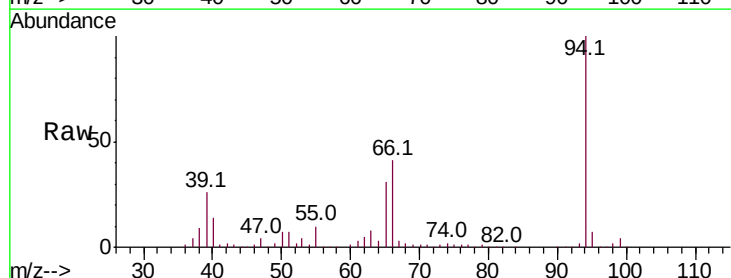
RT: 6.65 min Scan# 734

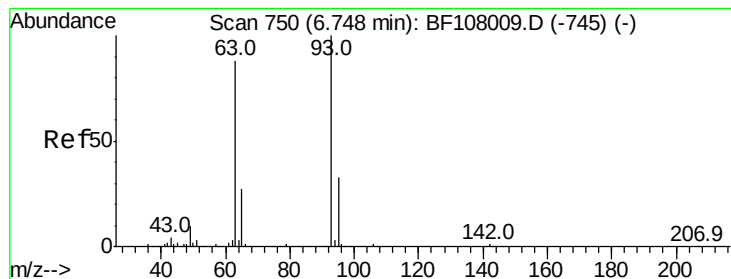
Delta R.T. 0.01 min

Lab File: BF108149.D

Acq: 14 Aug 2018 17:14

Tgt Ion:	94	Resp:	463415
Ion Ratio	Lower	Upper	
94	100		
65	31.2	7.9	47.9
66	40.6	16.2	56.2





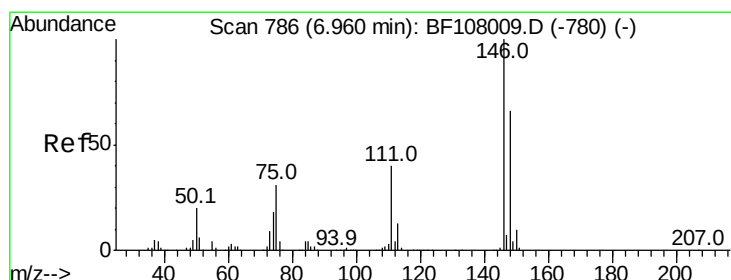
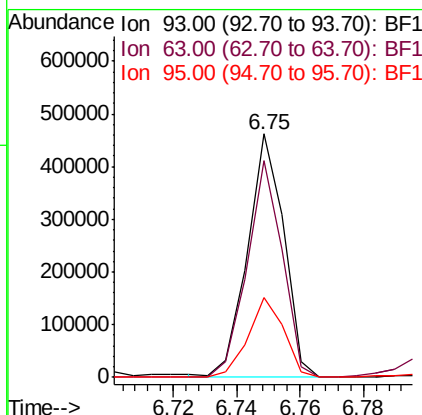
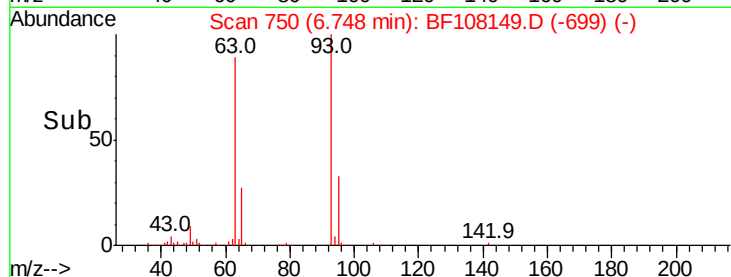
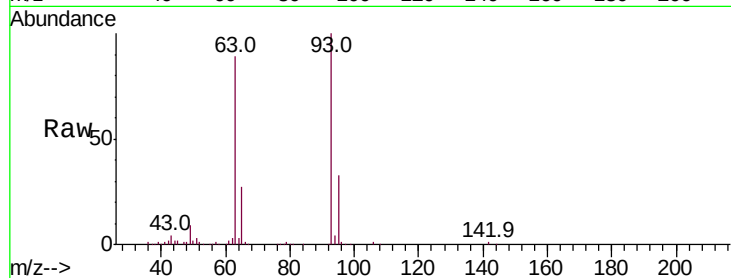
#11
bis(2-Chloroethyl)ether
Concen: 31.741 ng
RT: 6.75 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF108149.D
Acq: 14 Aug 2018 17:14

Instrument :
BNA_F
ClientSampleId :
RA-080918-FL-001MS

Tot Ion	93	Resp	365367
Ion Ratio	100	Lower	Upper
93	100		
63	88.9	58.6	98.6
95	32.7	11.8	51.8

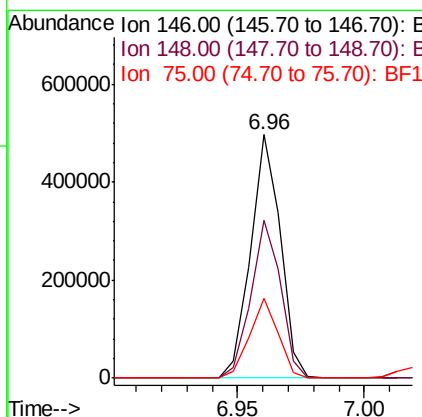
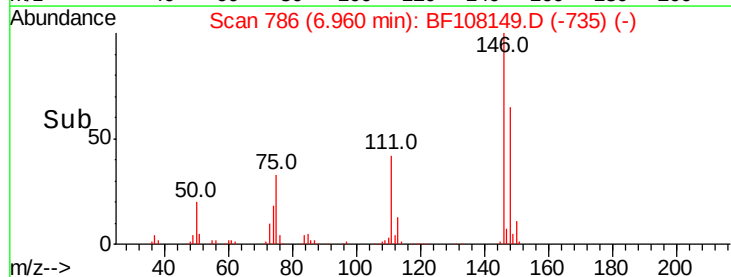
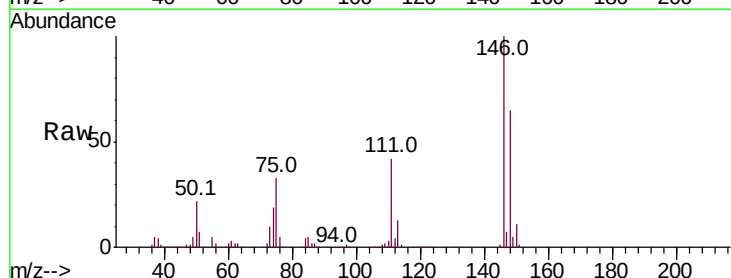
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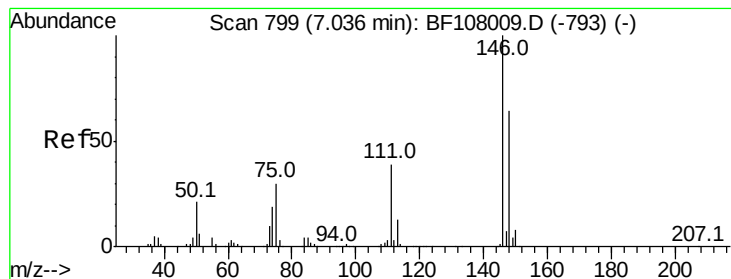
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#12
1,3-Dichlorobenzene
Concen: 30.101 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF108149.D
Acq: 14 Aug 2018 17:14

Tgt Ion	146	Resp	406042
Ion Ratio	100	Lower	Upper
146	100		
148	65.0	51.8	77.8
75	32.8	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 30.439 ng

RT: 7.04 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF108149.D

Acq: 14 Aug 2018 17:14

Instrument :

BNA_F

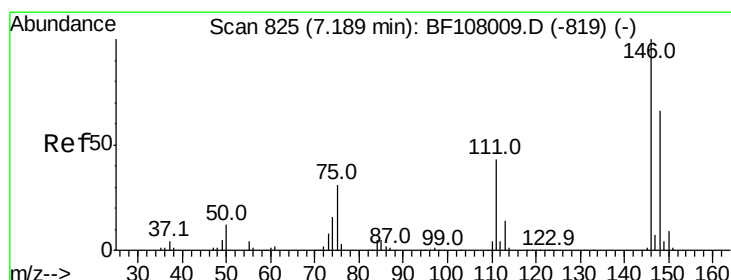
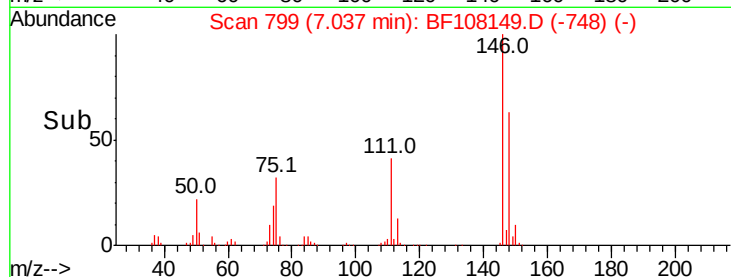
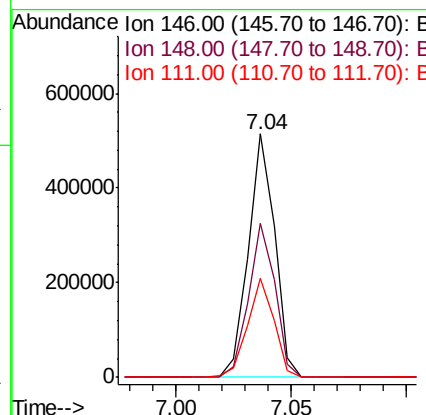
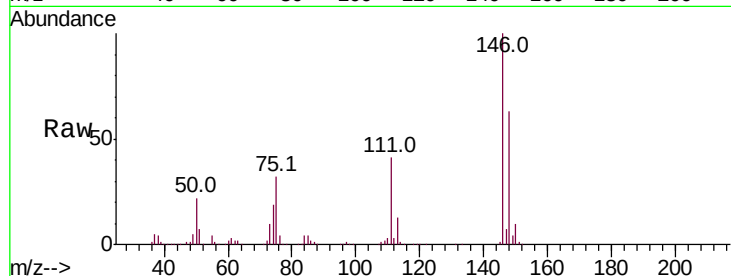
ClientSampleId :

RA-080918-FL-001MS

Tot Ion:	146	Resp:	412538
Ion Ratio	Lower	Upper	
146	100		
148	63.0	50.8	76.2
111	40.7	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 30.529 ng

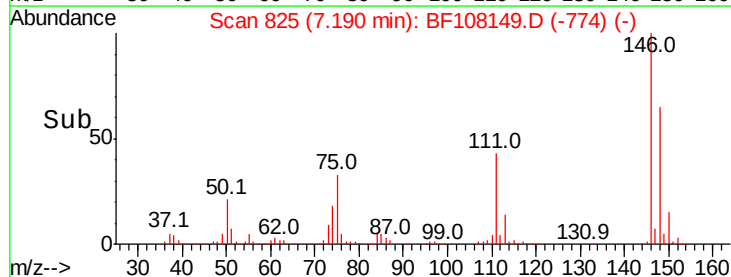
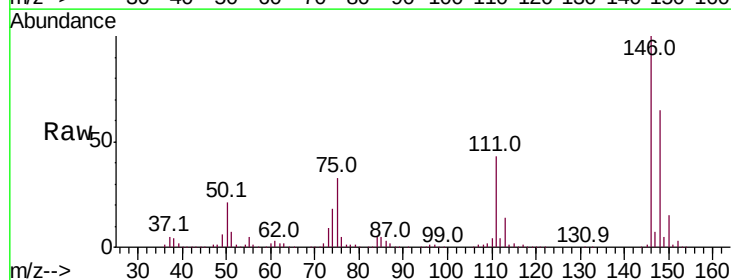
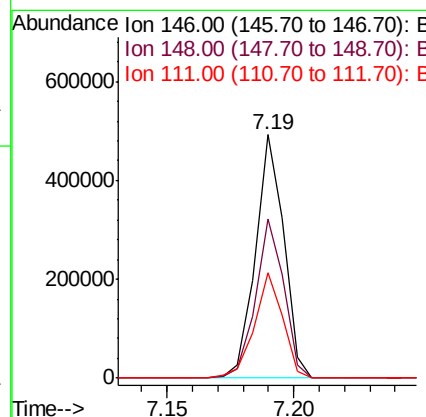
RT: 7.19 min Scan# 825

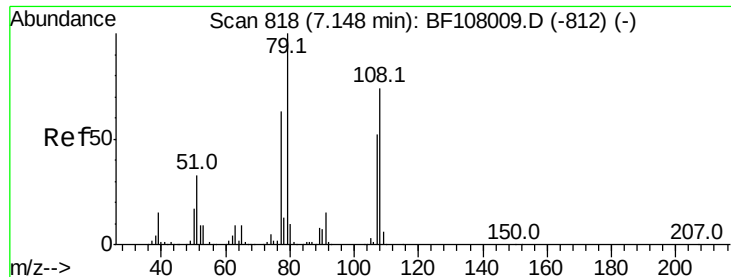
Delta R.T. 0.00 min

Lab File: BF108149.D

Acq: 14 Aug 2018 17:14

Tgt Ion:	146	Resp:	384864
Ion Ratio	Lower	Upper	
146	100		
148	65.1	50.6	75.8
111	43.1	36.0	54.0





#15

Benzyl Alcohol

Concen: 30.960 ng

RT: 7.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF108149.D

Acq: 14 Aug 2018 17:14

Instrument :

BNA_F

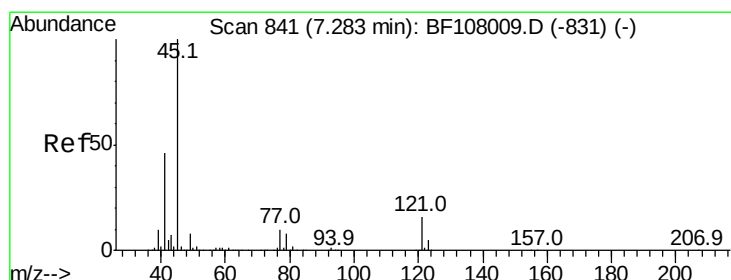
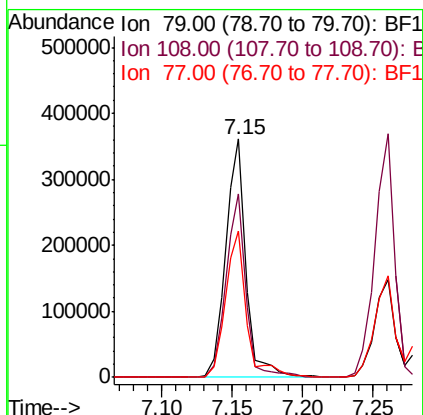
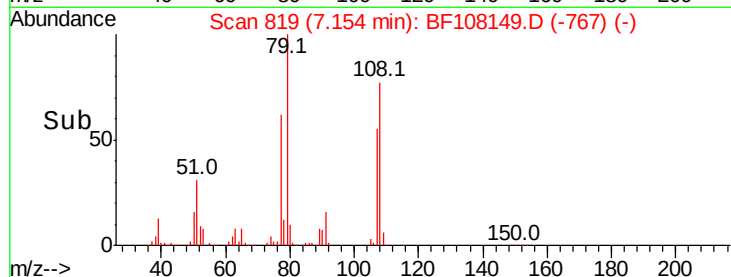
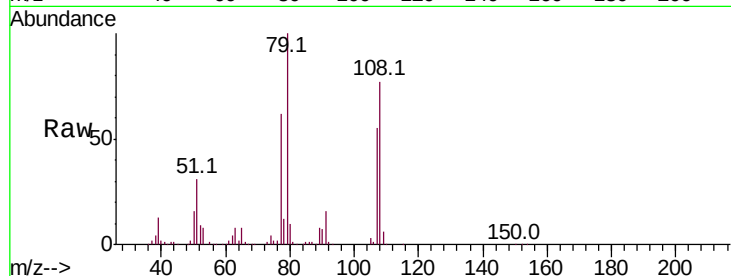
ClientSampleId :

RA-080918-FL-001MS

Tot Ion:	79	Resp:	358761
Ion Ratio	Lower	Upper	
79	100		
108	77.3	65.1	97.7
77	61.8	50.6	75.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.498 ng

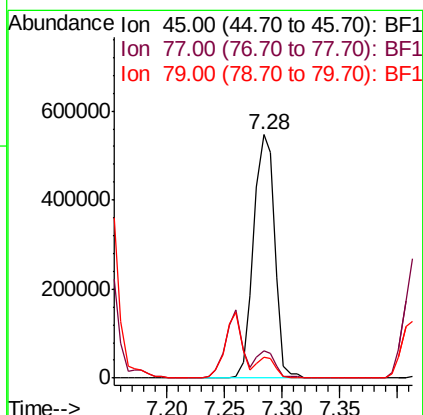
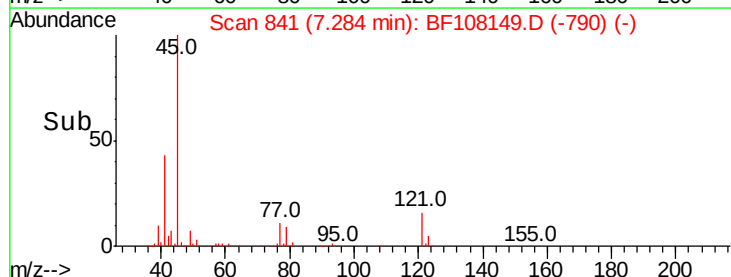
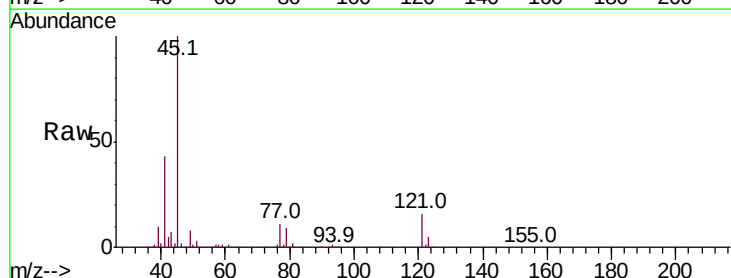
RT: 7.28 min Scan# 841

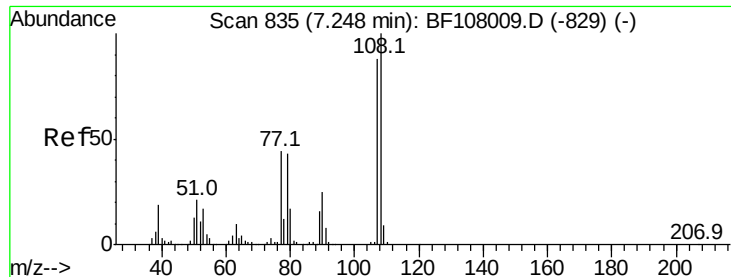
Delta R.T. 0.00 min

Lab File: BF108149.D

Acq: 14 Aug 2018 17:14

Tgt Ion:	45	Resp:	699509
Ion Ratio	Lower	Upper	
45	100		
77	11.1	0.0	32.9
79	8.6	0.0	29.6





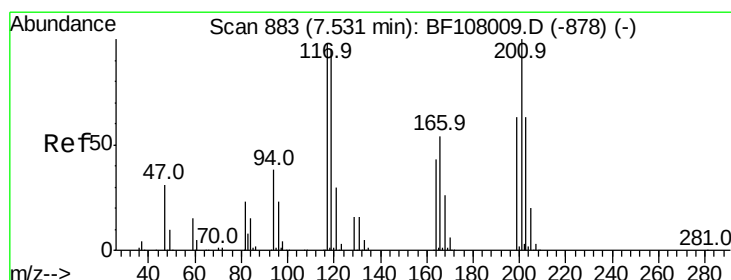
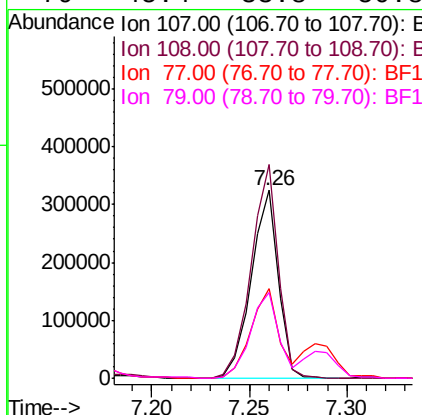
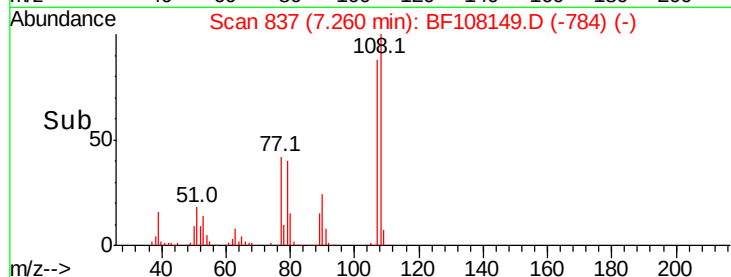
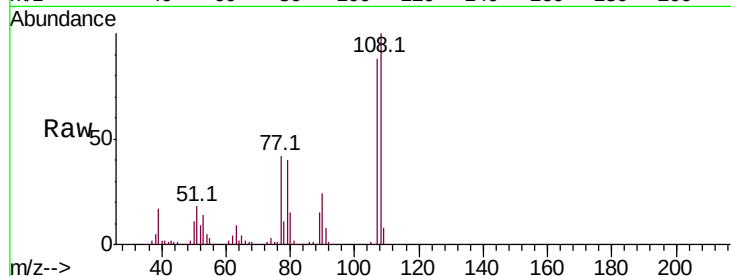
#17
2-Methylphenol
Concen: 31.049 ng
RT: 7.26 min Scan# 837
Delta R.T. 0.01 min
Lab File: BF108149.D
Acq: 14 Aug 2018 17:14

Instrument :
BNA_F
ClientSampleId :
RA-080918-FL-001MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.6	91.7	137.5	
77	47.6	33.8	50.8	
79	45.4	33.8	50.8	

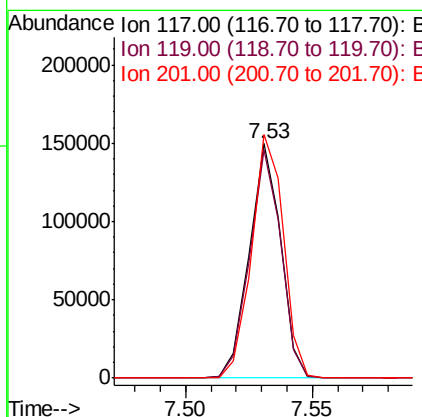
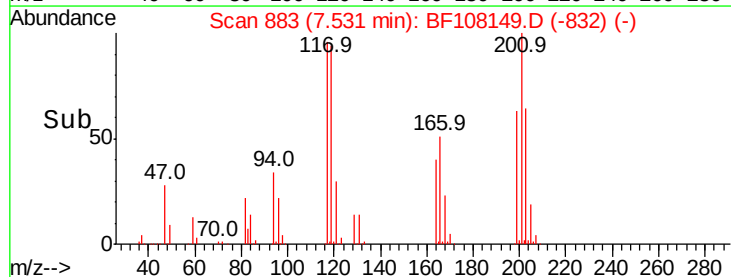
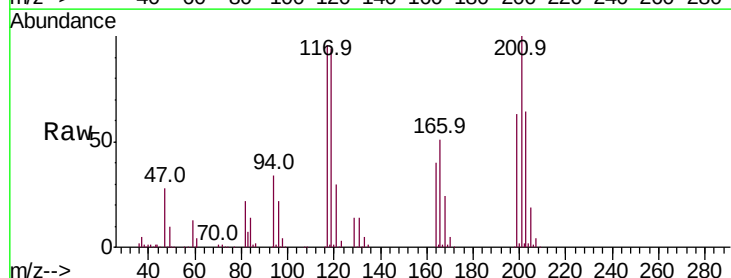
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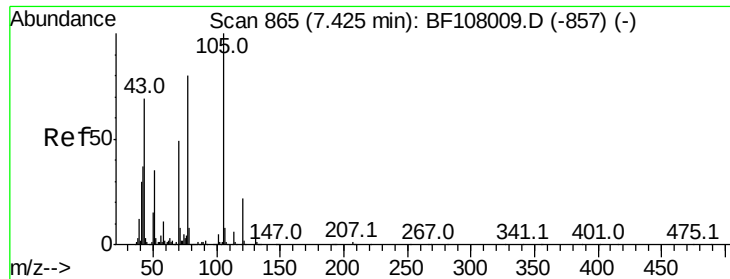
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#18
Hexachloroethane
Concen: 26.773 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF108149.D
Acq: 14 Aug 2018 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.6	75.8	113.8	
201	104.0	75.7	113.5	





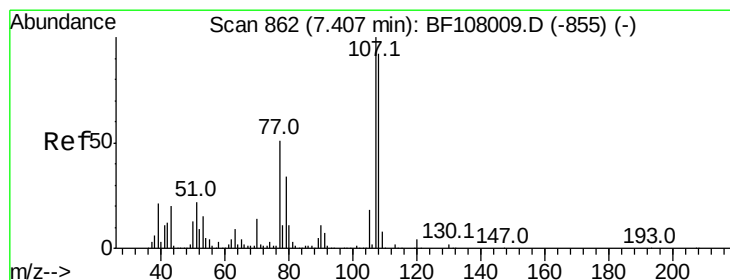
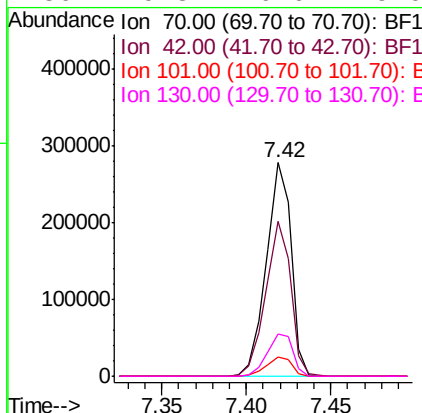
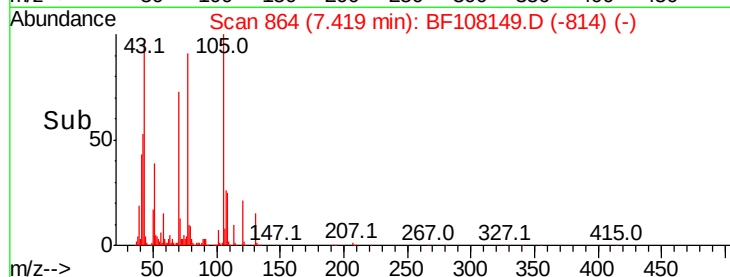
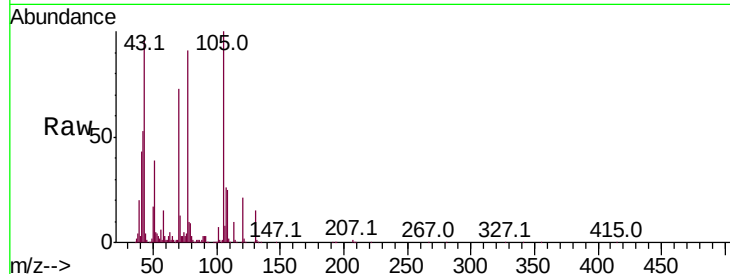
#19
n-Nitroso-di-n-propylamine
Concen: 30.146 ng
RT: 7.42 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF108149.D
Acq: 14 Aug 2018 17:14

Instrument :
BNA_F
ClientSampleId :
RA-080918-FL-001MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	72.3	47.5	71.3#
101	9.2	7.4	11.2
130	19.8	16.6	25.0

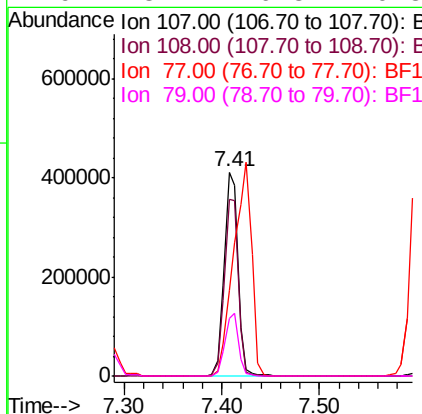
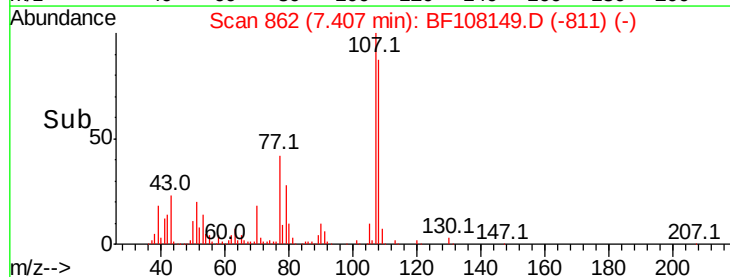
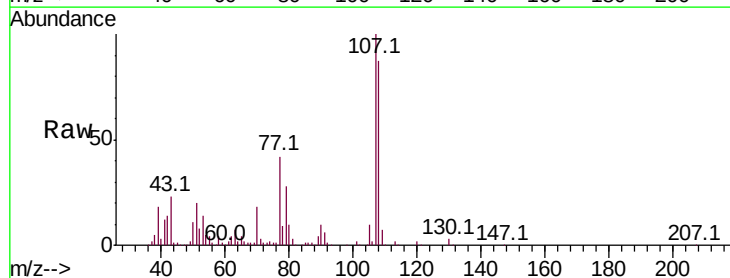
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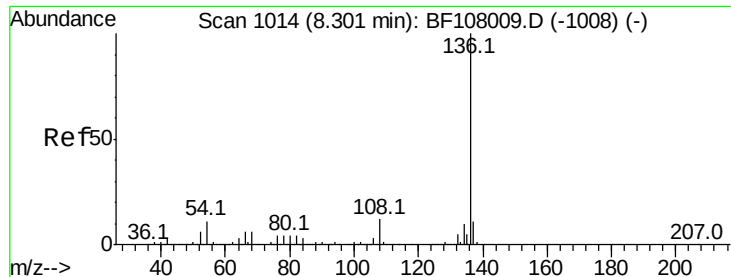
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#20
3+4-Methylphenols
Concen: 31.445 ng
RT: 7.41 min Scan# 862
Delta R.T. 0.00 min
Lab File: BF108149.D
Acq: 14 Aug 2018 17:14

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.9	68.2	108.2
77	42.2	26.7	66.7
79	28.2	6.3	46.3





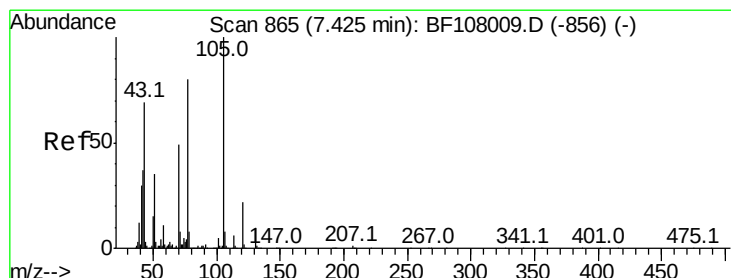
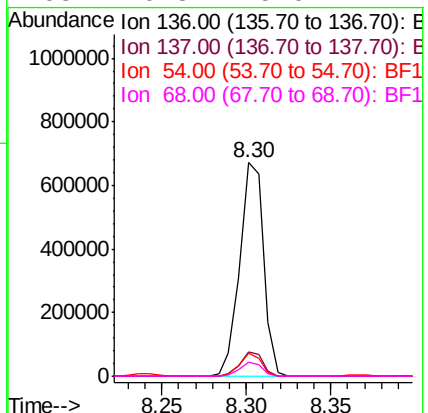
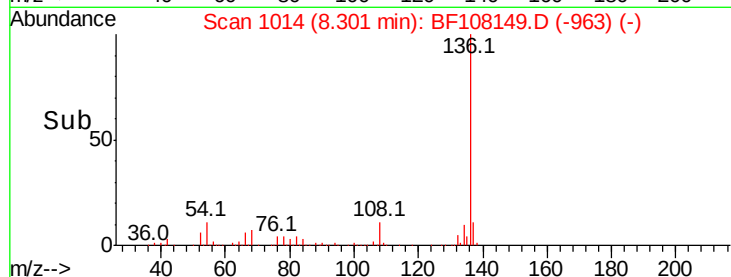
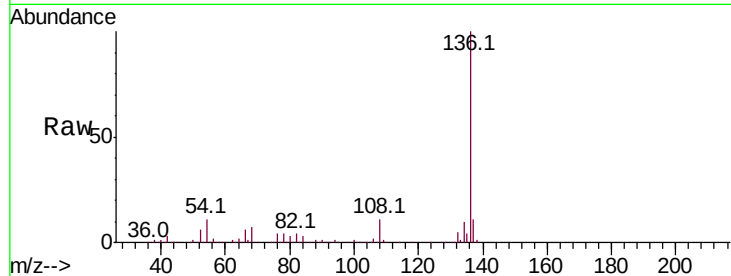
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108149.D
Acq: 14 Aug 2018 17:14

Instrument :
BNA_F
ClientSampleId :
RA-080918-FL-001MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	8.9	13.3	
54	10.8	6.6	9.8	
68	6.8	5.0	7.4	

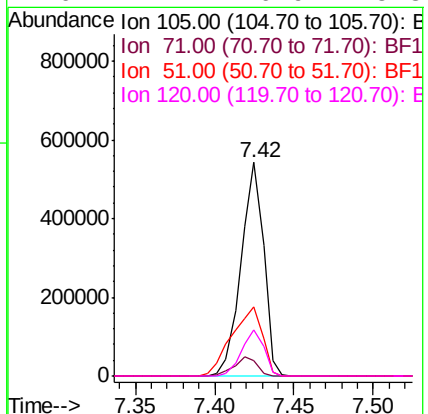
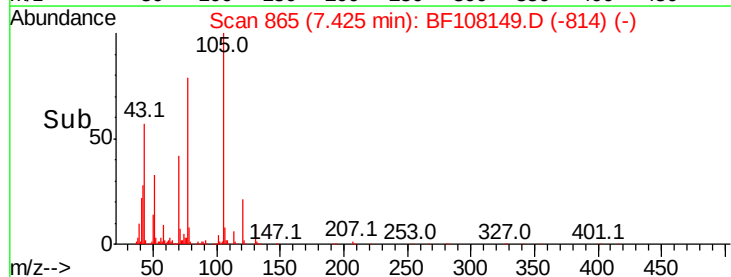
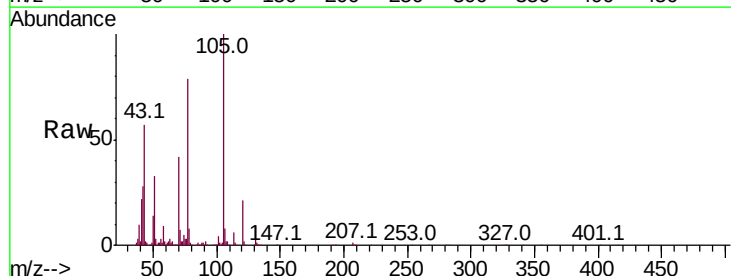
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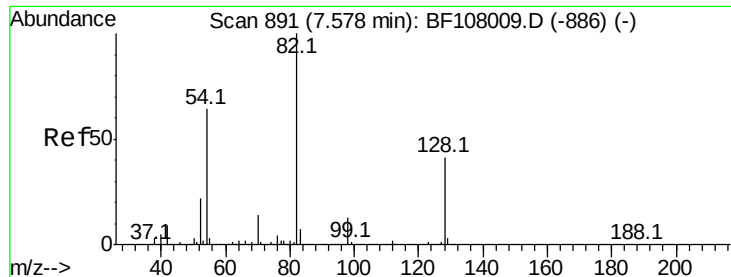
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#22
Acetophenone
Concen: 34.349 ng
RT: 7.42 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF108149.D
Acq: 14 Aug 2018 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.0	4.4	6.6	
51	32.5	22.3	33.5	
120	21.4	16.9	25.3	





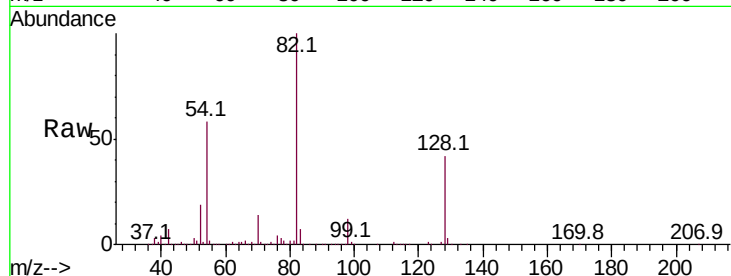
#23
 Nitrobenzene-d5
 Concen: 65.440 ng
 RT: 7.58 min Scan# 892
 Delta R.T. 0.01 min
 Lab File: BF108149.D
 Acq: 14 Aug 2018 17:14

Instrument :
 BNA_F
 ClientSampleId :
 RA-080918-FL-001MS

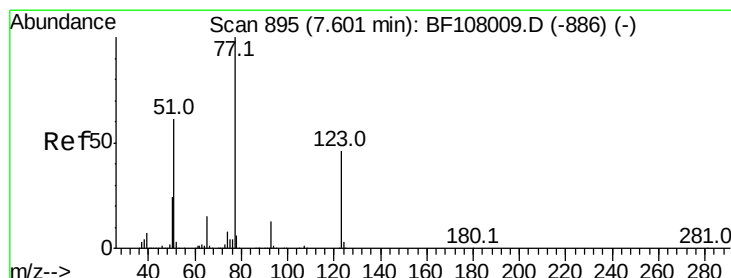
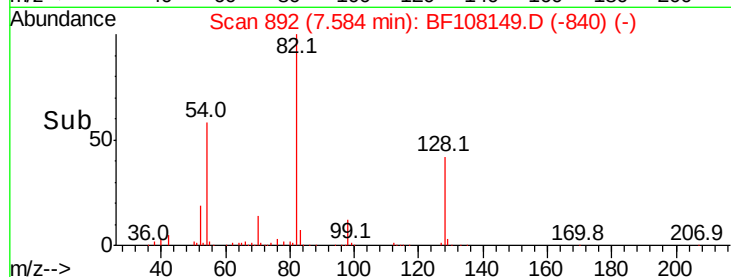
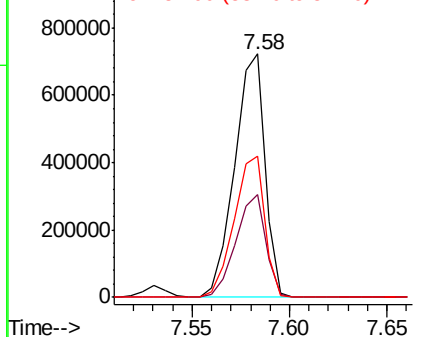
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	42.4	36.1	54.1	
54	58.1	41.4	62.2	

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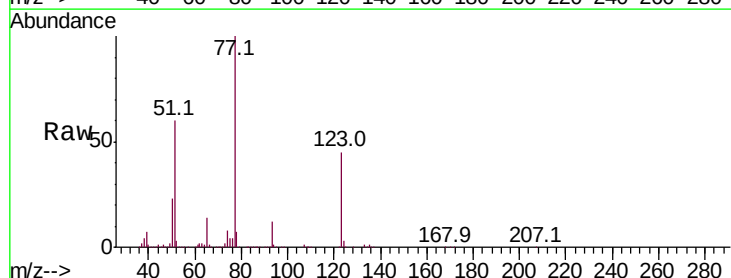


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

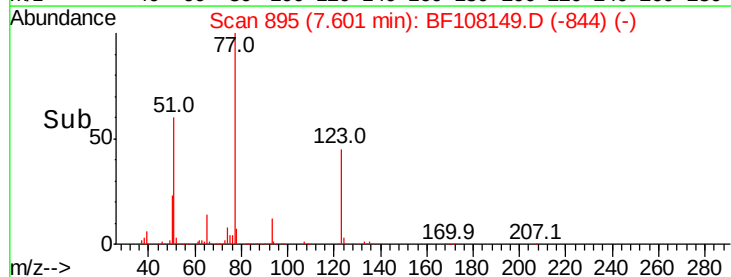
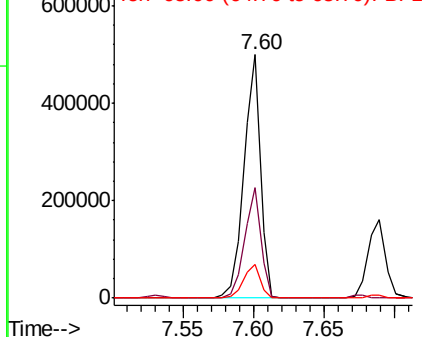


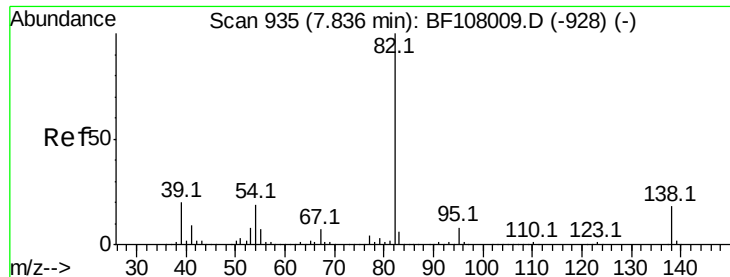
#24
 Nitrobenzene
 Concen: 33.799 ng
 RT: 7.60 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BF108149.D
 Acq: 14 Aug 2018 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	45.4	37.9	56.9	
65	13.8	11.0	16.4	



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





#25

Isophorone

Concen: 32.772 ng

RT: 7.84 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF108149.D

Acq: 14 Aug 2018 17:14

Instrument :

BNA_F

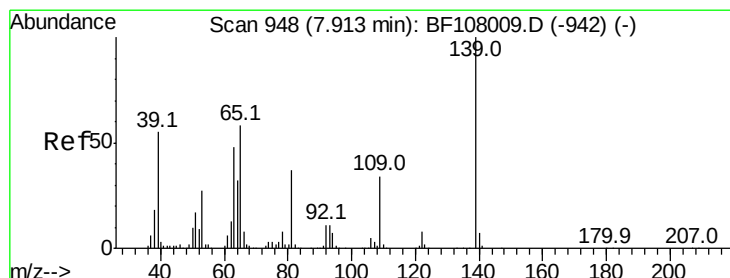
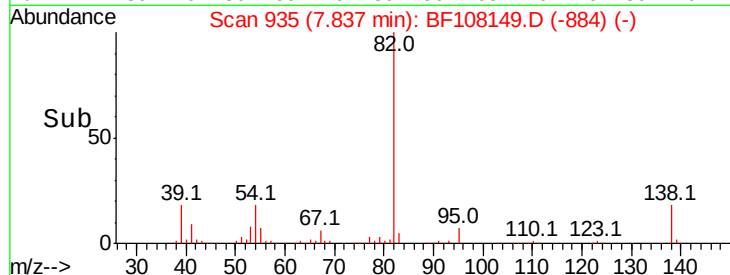
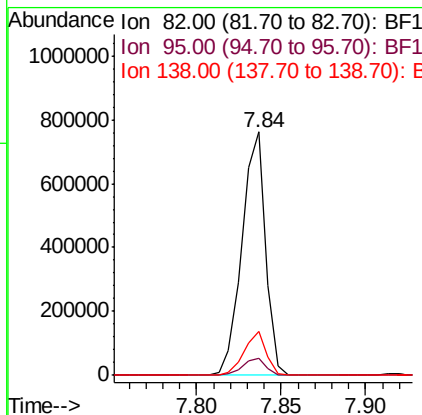
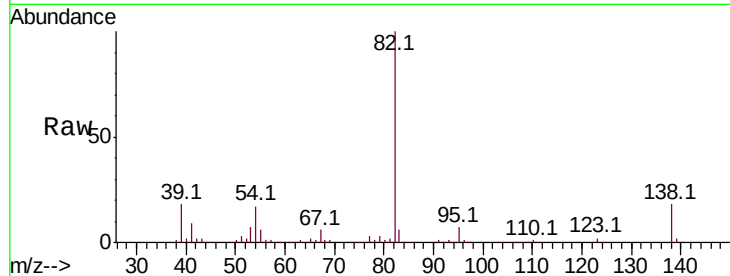
ClientSampleId :

RA-080918-FL-001MS

Tot Ion	82	Resp	742985
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.2	7.8
138	17.8	14.9	22.3

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#26

2-Nitrophenol

Concen: 35.053 ng

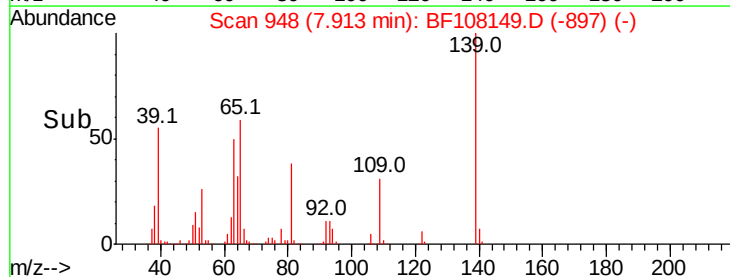
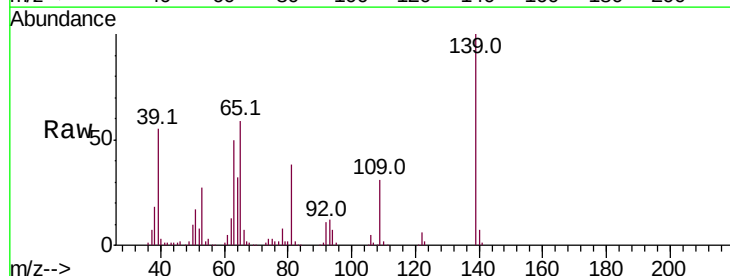
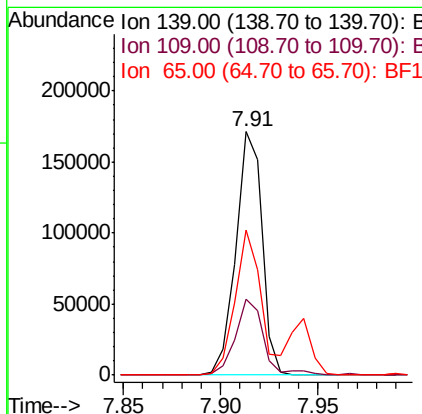
RT: 7.91 min Scan# 948

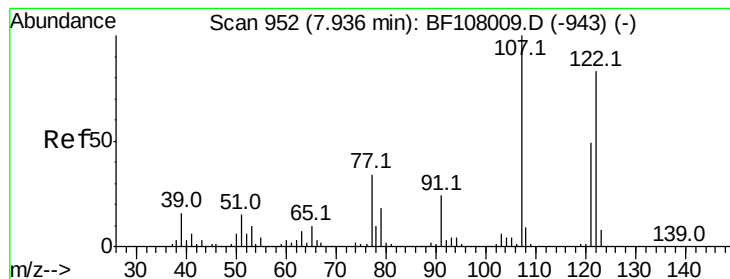
Delta R.T. 0.00 min

Lab File: BF108149.D

Acq: 14 Aug 2018 17:14

Tgt Ion	139	Resp	159218
Ion Ratio	Lower	Upper	
139	100		
109	31.4	22.7	34.1
65	59.5	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 33.173 ng

RT: 7.94 min Scan# 953

Delta R.T. 0.01 min

Lab File: BF108149.D

Acq: 14 Aug 2018 17:14

Instrument :

BNA_F

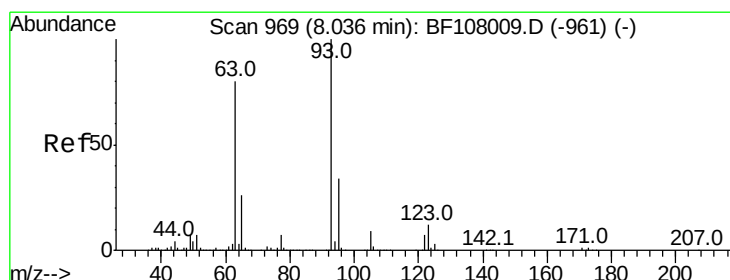
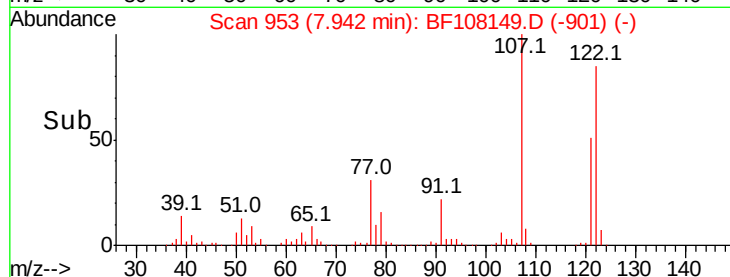
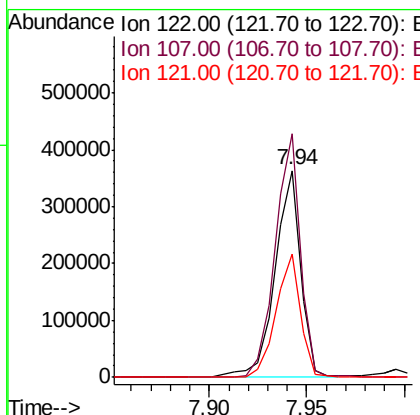
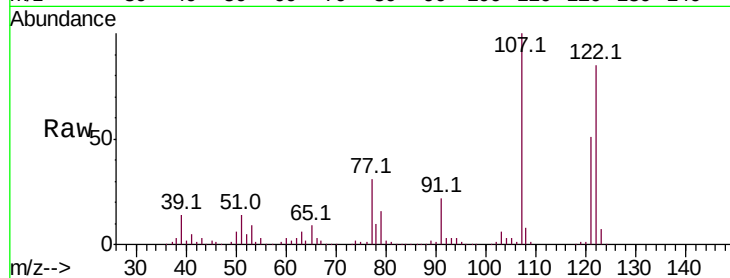
ClientSampleId :

RA-080918-FL-001MS

Tot Ion:	122	Resp:	333792
Ion Ratio	Lower	Upper	
122	100		
107	117.6	91.2	136.8
121	59.6	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 34.547 ng

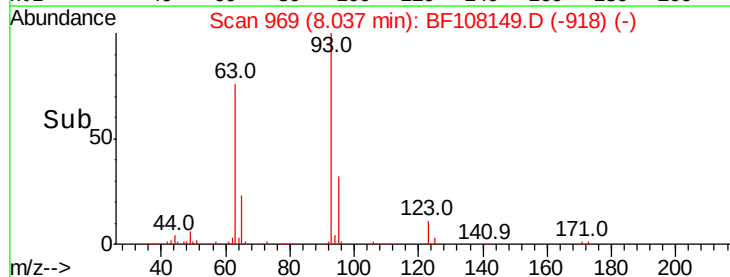
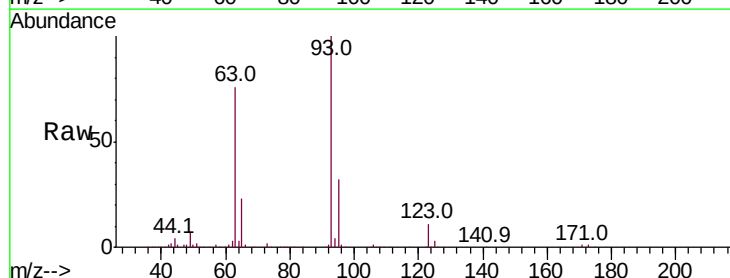
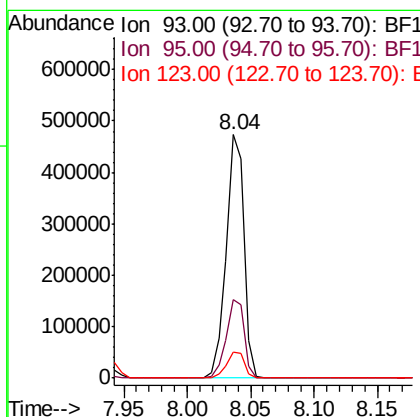
RT: 8.04 min Scan# 969

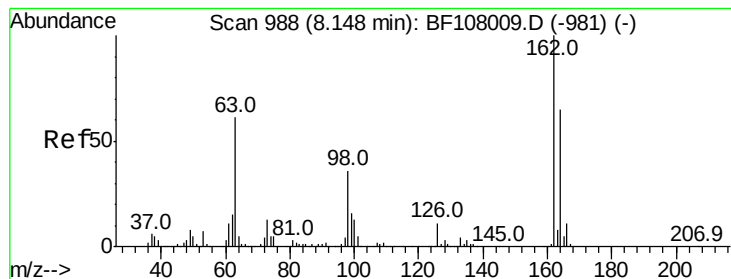
Delta R.T. 0.00 min

Lab File: BF108149.D

Acq: 14 Aug 2018 17:14

Tgt Ion:	93	Resp:	457231
Ion Ratio	Lower	Upper	
93	100		
95	32.5	26.3	39.5
123	10.6	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 33.363 ng

RT: 8.15 min Scan# 989

Delta R.T. 0.01 min

Lab File: BF108149.D

Acq: 14 Aug 2018 17:14

Instrument :

BNA_F

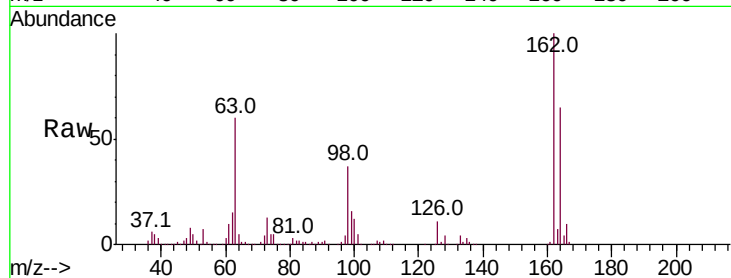
ClientSampleId :

RA-080918-FL-001MS

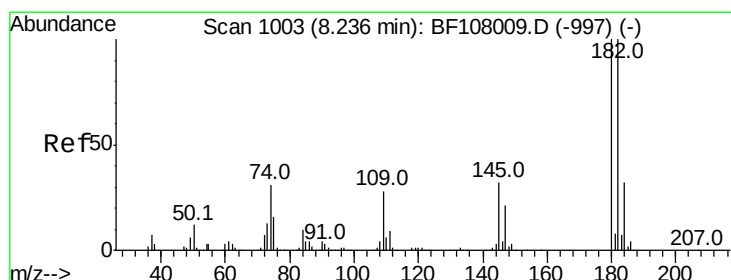
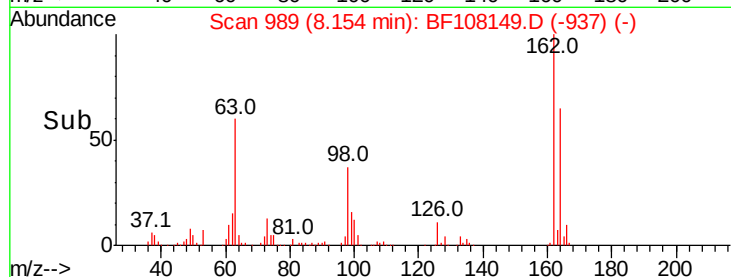
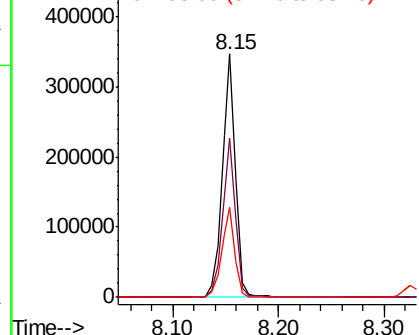
Tot Ion:	162	Resp:	308938
Ion Ratio	Lower	Upper	
162	100		
164	65.2	42.7	82.7
98	36.9	18.1	58.1

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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: 31.889 ng

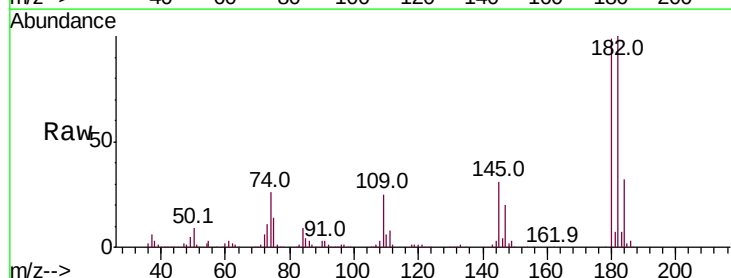
RT: 8.24 min Scan# 1004

Delta R.T. 0.01 min

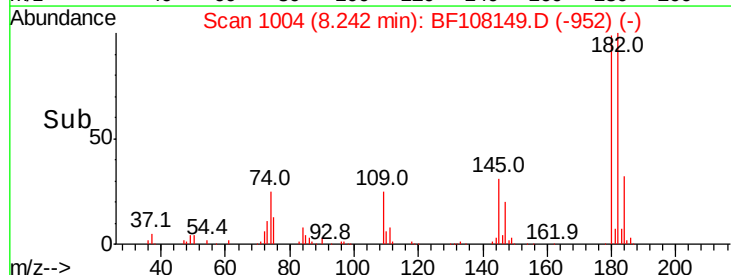
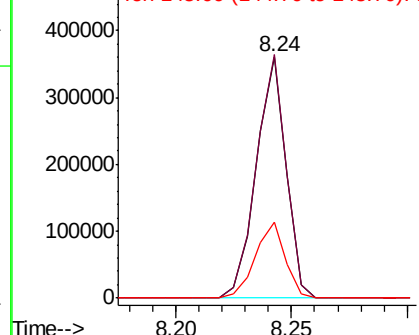
Lab File: BF108149.D

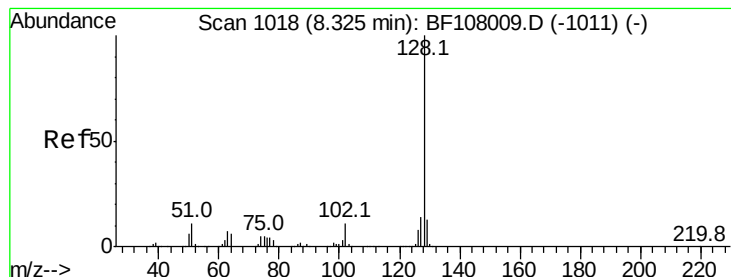
Acq: 14 Aug 2018 17:14

Tgt Ion:	180	Resp:	325563
Ion Ratio	Lower	Upper	
180	100		
182	100.8	76.8	115.2
145	31.4	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: 33.331 ng

RT: 8.32 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF108149.D

Acq: 14 Aug 2018 17:14

Instrument :

BNA_F

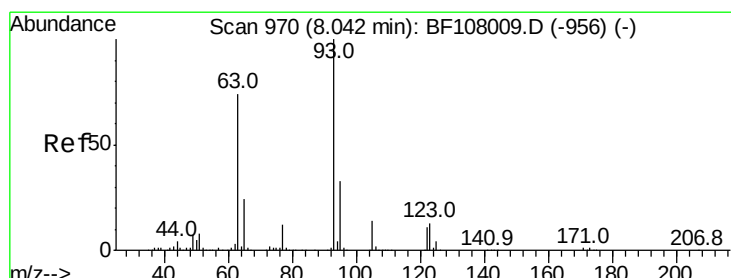
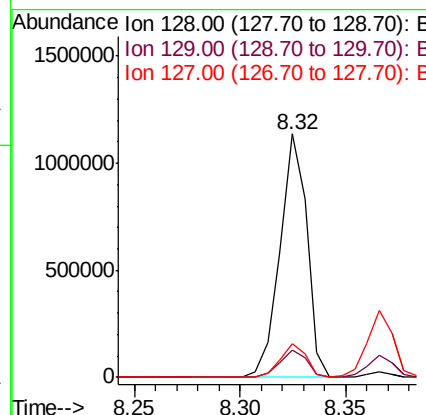
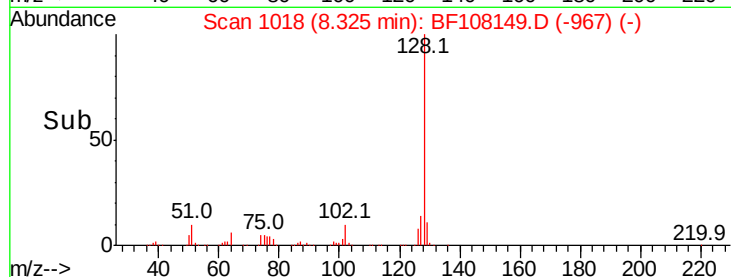
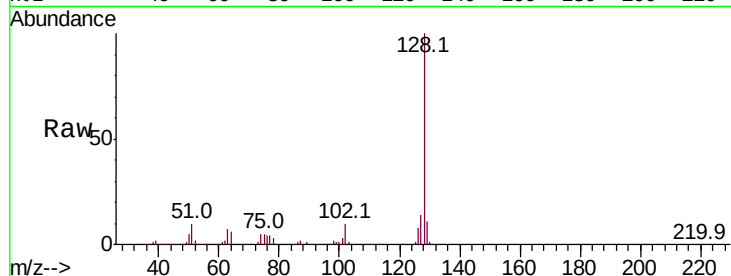
ClientSampleId :

RA-080918-FL-001MS

Tot Ion:	128	Resp:	1006103
Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	14.0	10.9	16.3

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#32

Benzoic acid

Concen: 8.347 ng

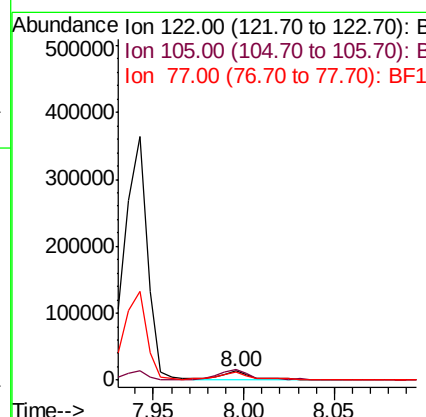
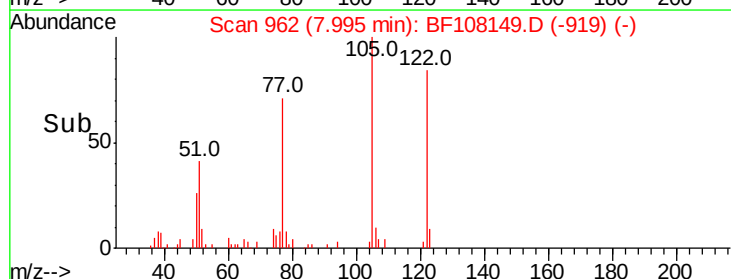
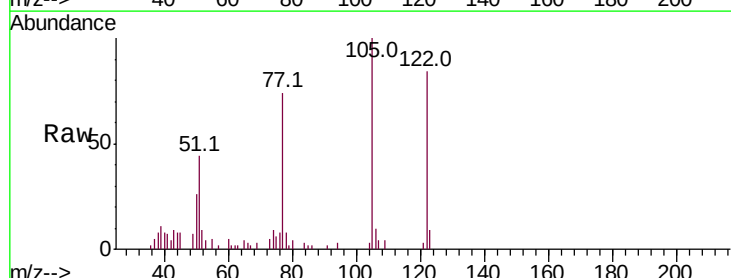
RT: 8.00 min Scan# 962

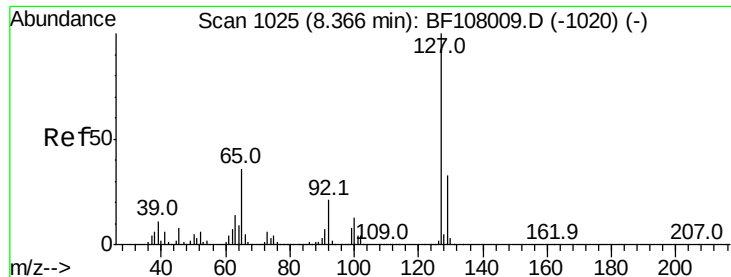
Delta R.T. -0.05 min

Lab File: BF108149.D

Acq: 14 Aug 2018 17:14

Tgt Ion:	122	Resp:	15821
Ion	Ratio	Lower	Upper
122	100		
105	119.5	101.1	141.1
77	88.4	70.7	110.7





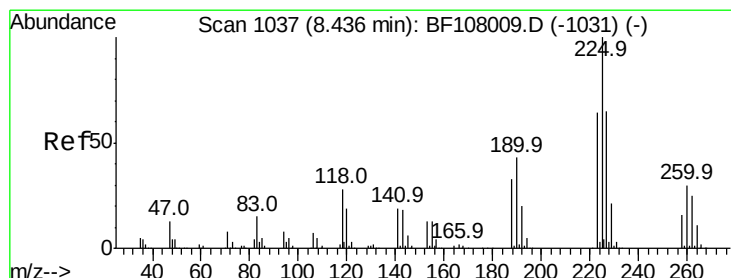
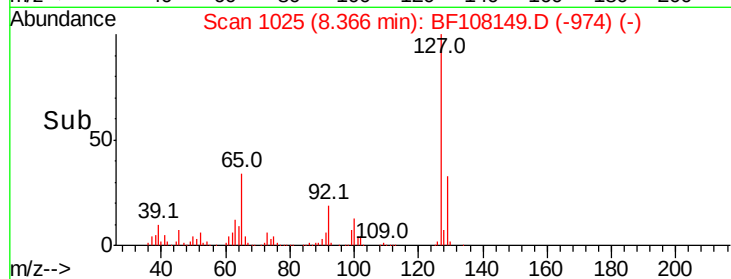
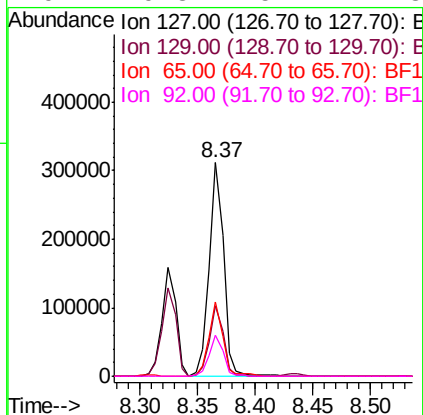
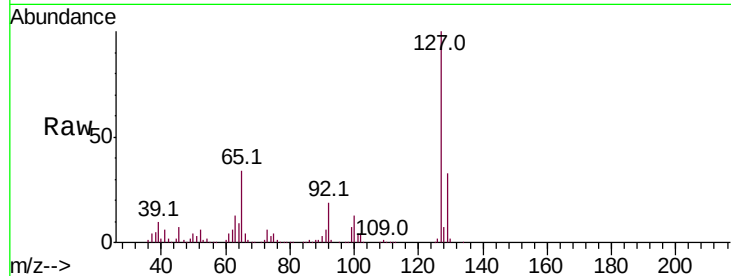
#33
 4-Chloroaniline
 Concen: 20.745 ng
 RT: 8.37 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BF108149.D
 Acq: 14 Aug 2018 17:14

Instrument :
 BNA_F
 ClientSampleId :
 RA-080918-FL-001MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.2	25.9	38.9	
65	34.5	25.0	37.4	
92	19.3	15.2	22.8	

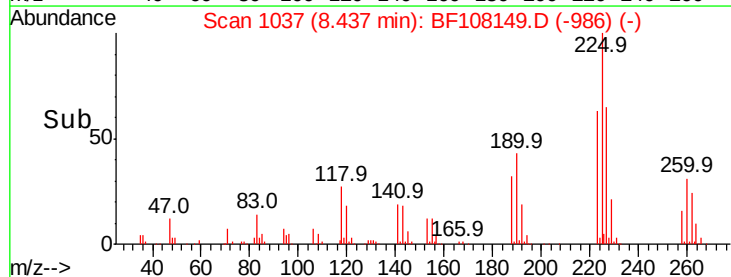
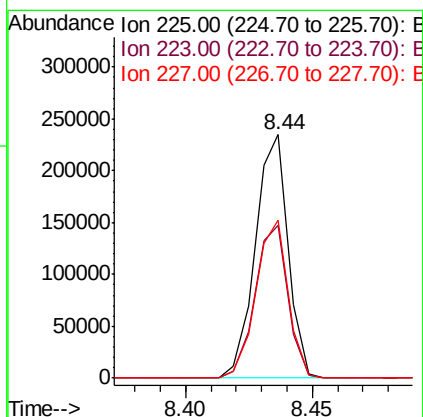
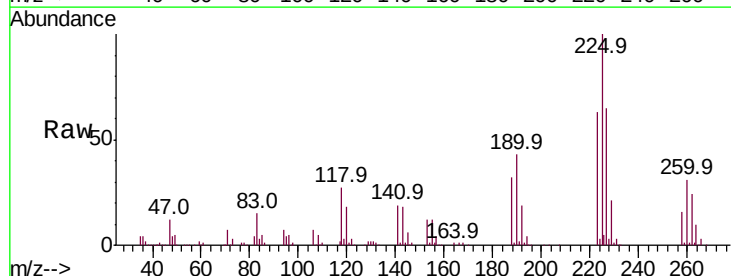
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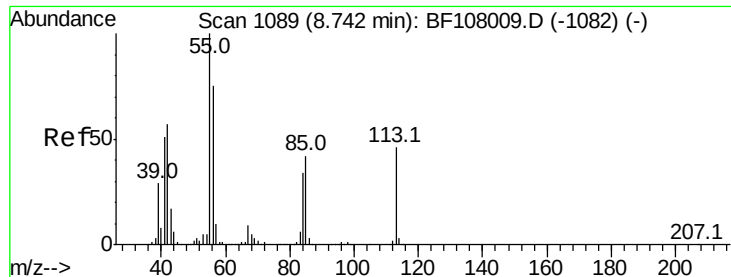
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#34
 Hexachlorobutadiene
 Concen: 32.542 ng
 RT: 8.44 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BF108149.D
 Acq: 14 Aug 2018 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.7	50.6	76.0	
227	64.8	51.9	77.9	





#35

Caprolactam

Concen: 29.085 ng/ml

RT: 8.72 min Scan# 1086

Delta R.T. -0.02 min

Lab File: BF108149.D

Acq: 14 Aug 2018 17:14

Instrument :

BNA_F

ClientSampleId :

RA-080918-FL-001MS

Tot Ion: 113 Resp: 84398

Ion Ratio Lower Upper

113 100

55 209.2 163.3 203.3#

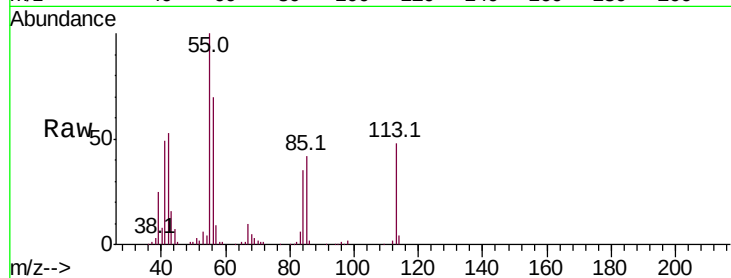
56 147.4 115.7 155.7

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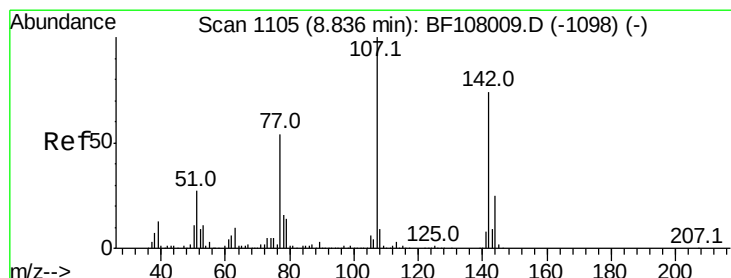
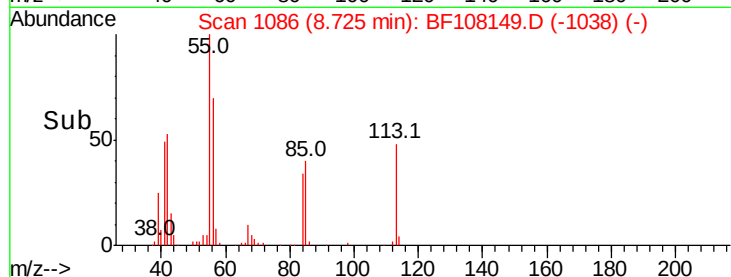
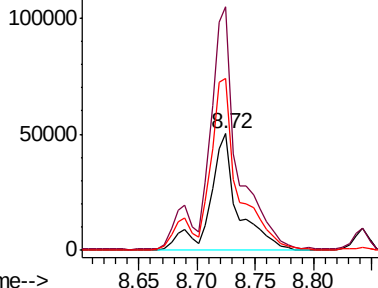
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 30.563 ng/ml

RT: 8.84 min Scan# 1106

Delta R.T. 0.01 min

Lab File: BF108149.D

Acq: 14 Aug 2018 17:14

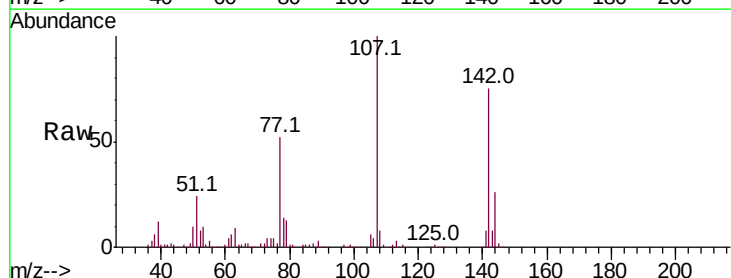
Tgt Ion: 107 Resp: 305306

Ion Ratio Lower Upper

107 100

144 26.1 20.5 30.7

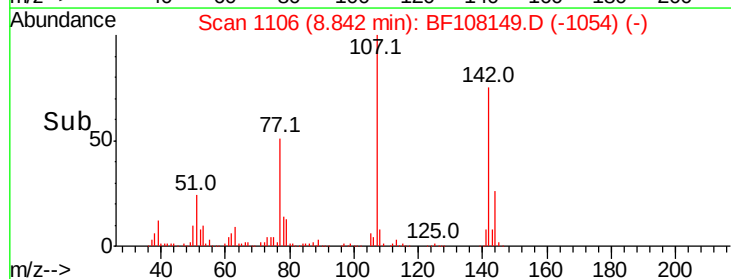
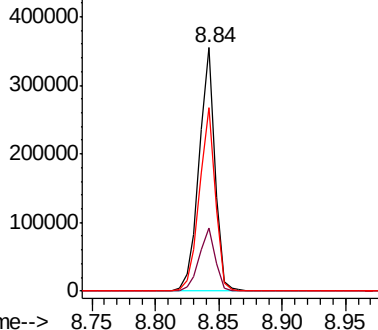
142 75.3 62.0 93.0

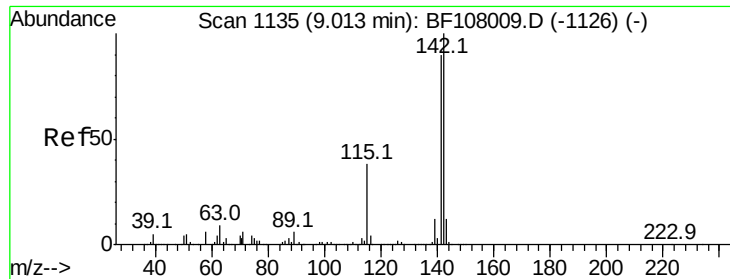


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





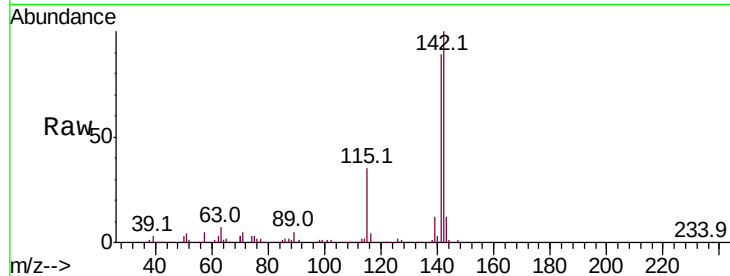
#37
2-Methylnaphthalene
Concen: 31.132 ng
RT: 9.02 min Scan# 1136
Delta R.T. 0.01 min
Lab File: BF108149.D
Acq: 14 Aug 2018 17:14

Instrument :
BNA_F
ClientSampleId :
RA-080918-FL-001MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.8	106.2
115	34.9	26.1	39.1

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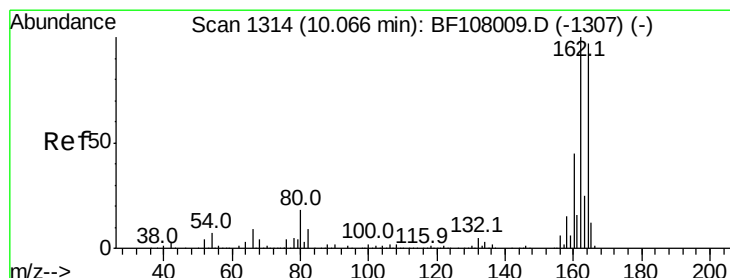
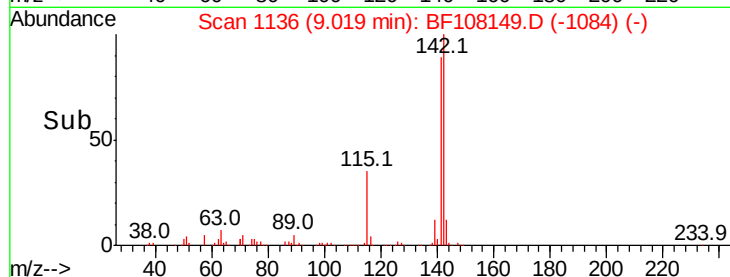
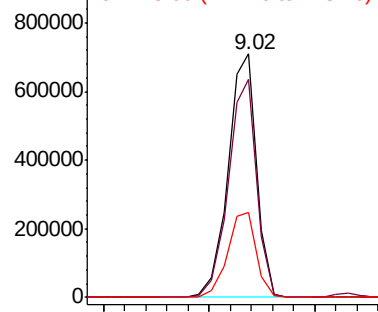


Abundance

Ion 142.00 (141.70 to 142.70): E

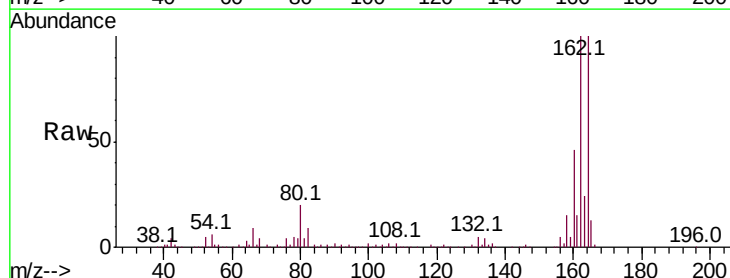
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.07 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BF108149.D
Acq: 14 Aug 2018 17:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	86.1	129.1
160	45.7	38.3	57.5

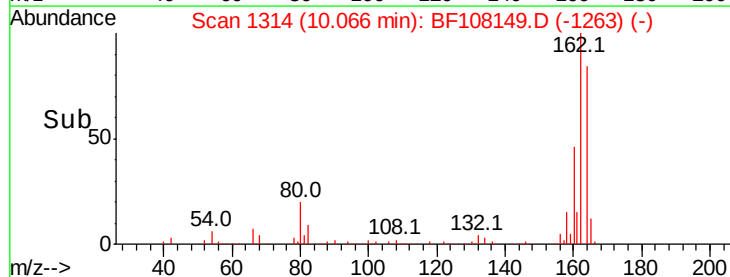
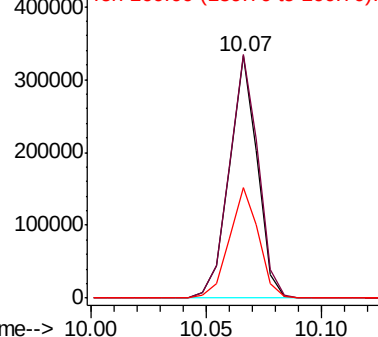


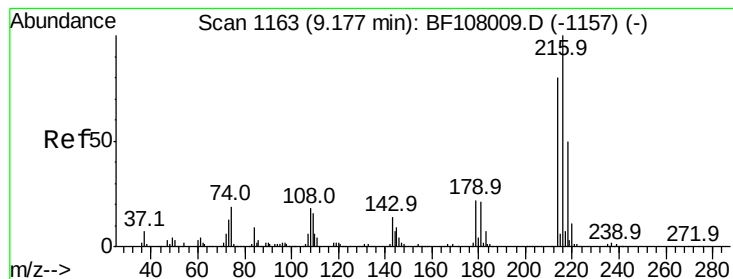
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.578 ng

RT: 9.18 min Scan# 1164

Delta R.T. 0.01 min

Lab File: BF108149.D

Acq: 14 Aug 2018 17:14

Instrument :

BNA_F

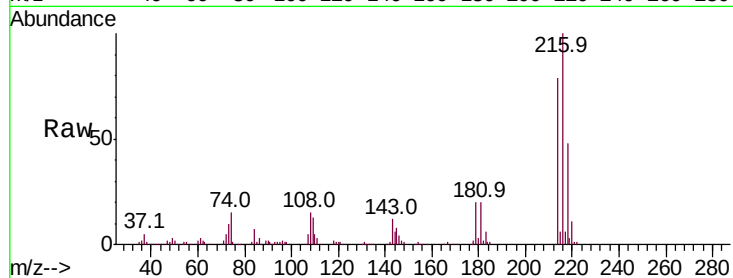
ClientSampleId :

RA-080918-FL-001MS

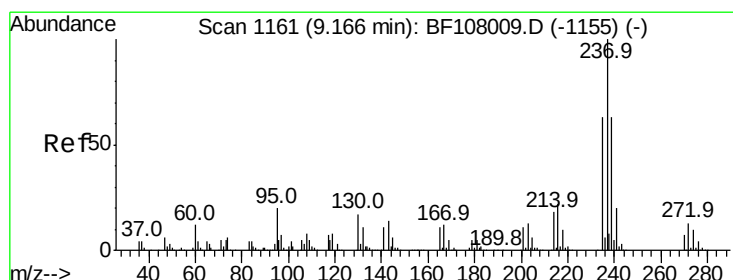
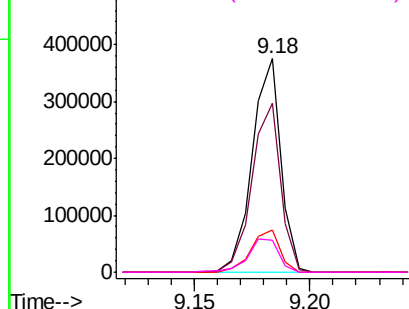
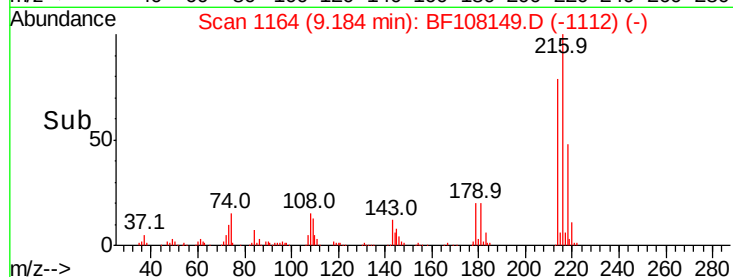
Tot Ion:	216	Resp:	325816
Ion Ratio	Lower	Upper	
216	100		
214	79.6	63.0	94.4
179	20.4	18.1	27.1
108	17.3	17.2	25.8

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Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 11.418 ng

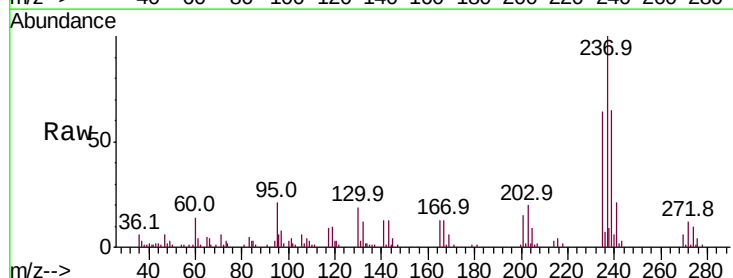
RT: 9.16 min Scan# 1160

Delta R.T. -0.01 min

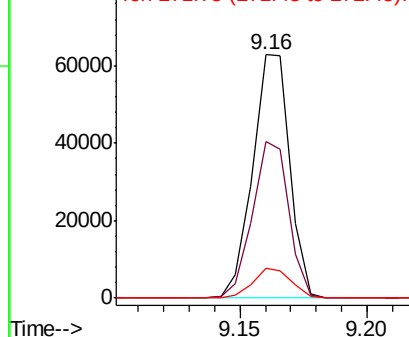
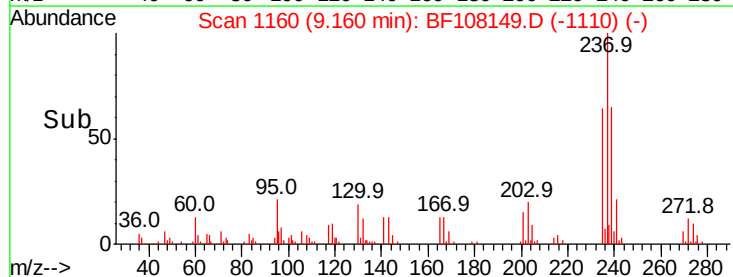
Lab File: BF108149.D

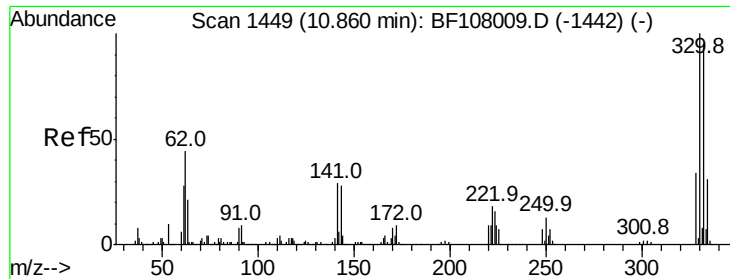
Acq: 14 Aug 2018 17:14

Tgt Ion:	237	Resp:	63945
Ion Ratio	Lower	Upper	
237	100		
235	64.1	44.8	84.8
272	12.1	0.0	33.3



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





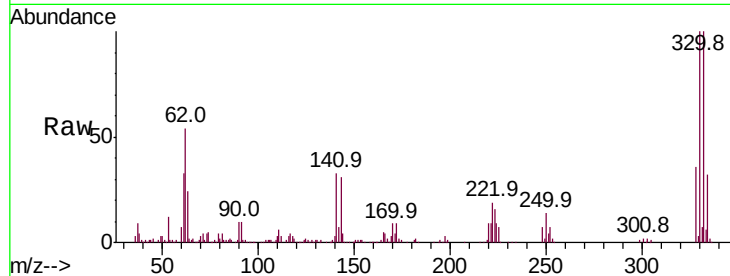
#41
 2,4,6-Tribromophenol
 Concen: 91.108 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF108149.D
 Acq: 14 Aug 2018 17:14

Instrument :
 BNA_F
 ClientSampleId :
 RA-080918-FL-001MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.6	77.0	115.6	
141	34.0	29.9	44.9	

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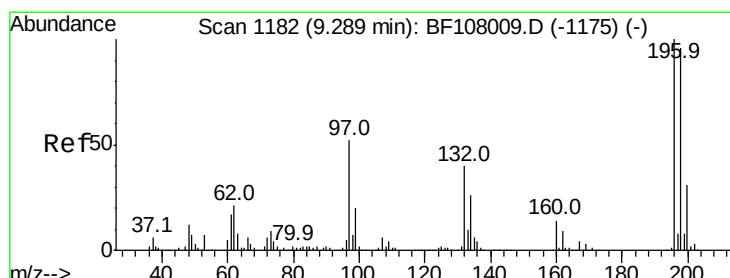
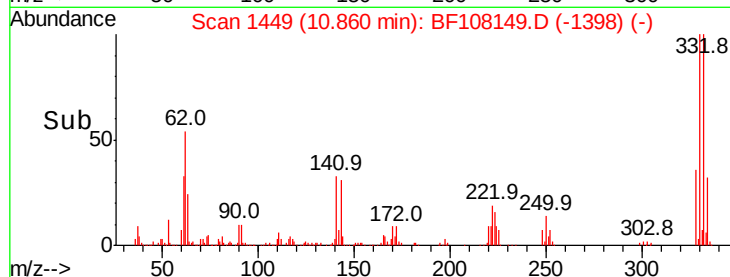
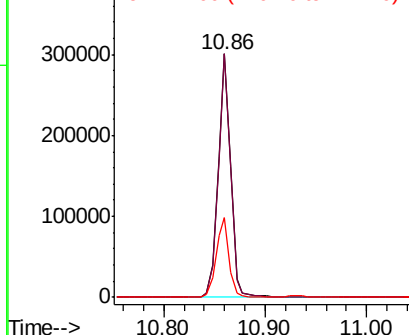


Abundance

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: 38.160 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF108149.D
 Acq: 14 Aug 2018 17:14

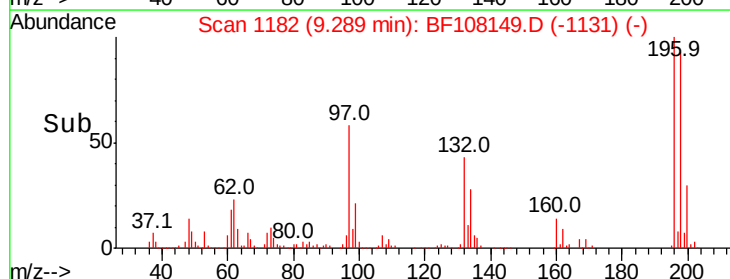
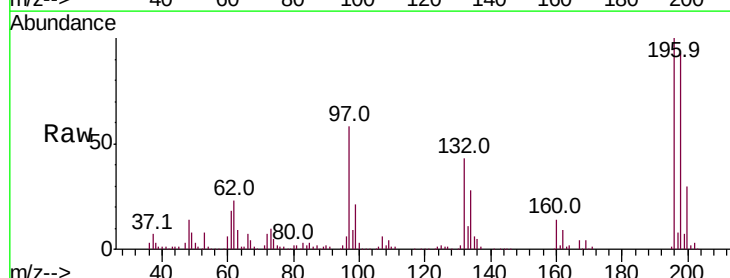
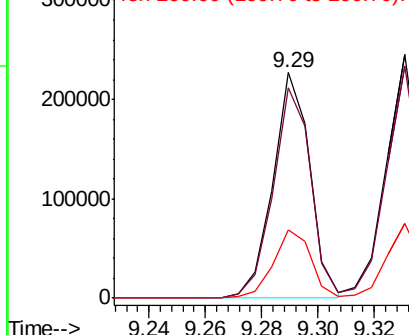
Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	93.5	75.7	113.5	
200	30.1	24.5	36.7	

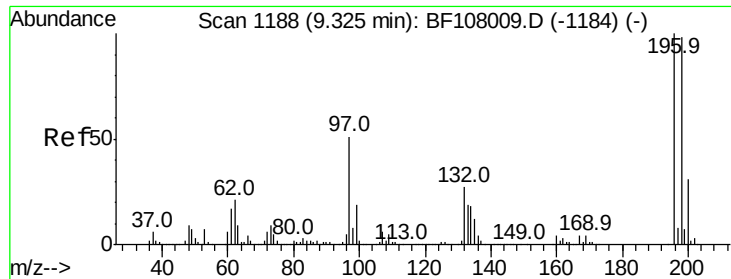
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





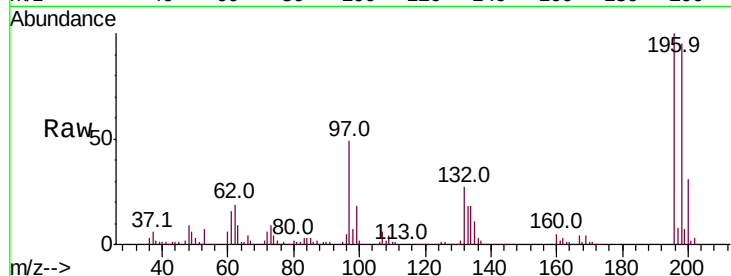
#43
 2,4,5-Trichlorophenol
 Concen: 36.354 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF108149.D
 Acq: 14 Aug 2018 17:14

Instrument :
 BNA_F
 ClientSampleId :
 RA-080918-FL-001MS

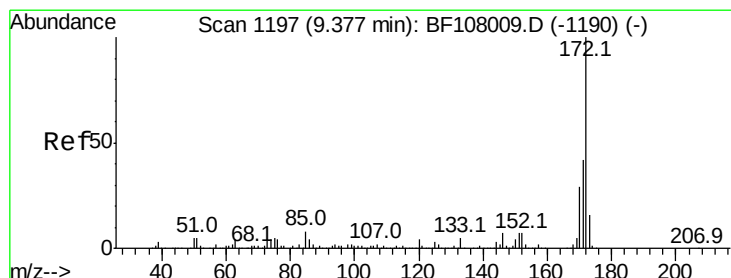
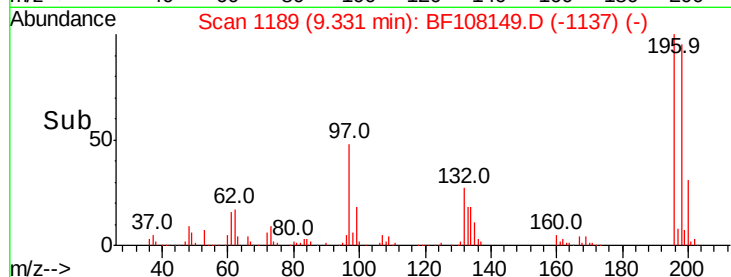
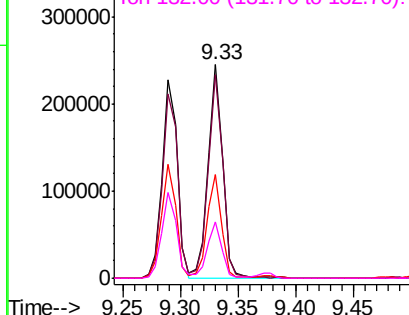
Tot Ion	Ratio	Resp	Lower	Upper
196	100	215318		
198	95.1	74.6	112.0	
97	48.6	42.9	64.3	
132	26.6	26.3	39.5	

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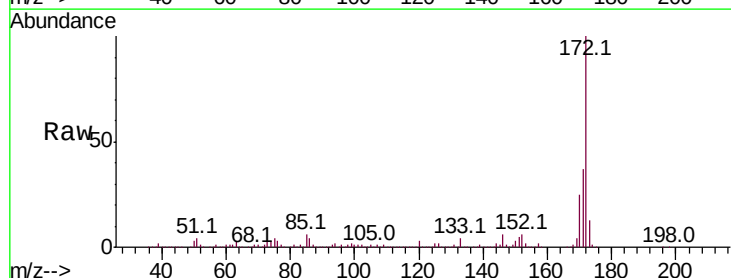


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

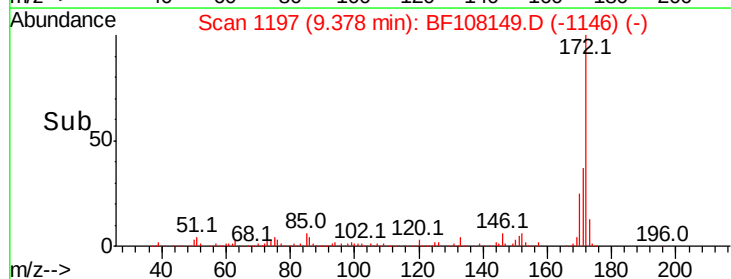
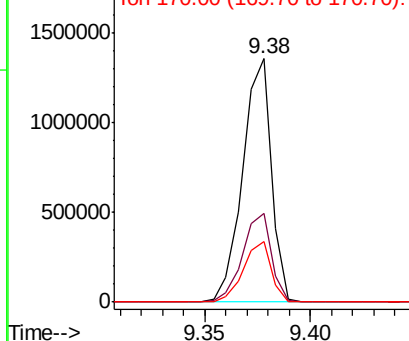


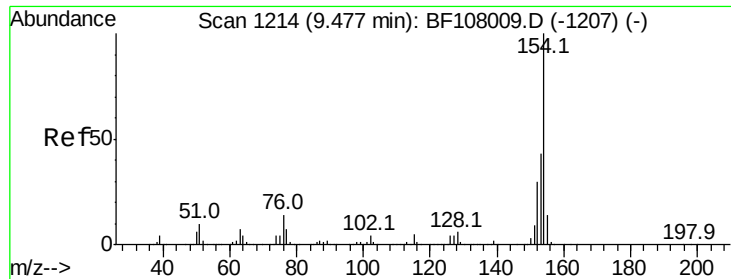
#44
 2-Fluorobiphenyl
 Concen: 72.871 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108149.D
 Acq: 14 Aug 2018 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1281519		
171	36.6	29.7	44.5	
170	24.7	19.6	29.4	



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





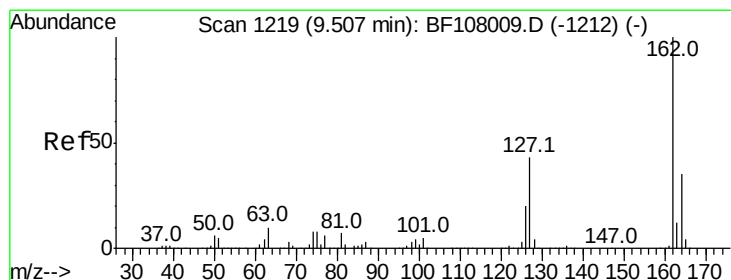
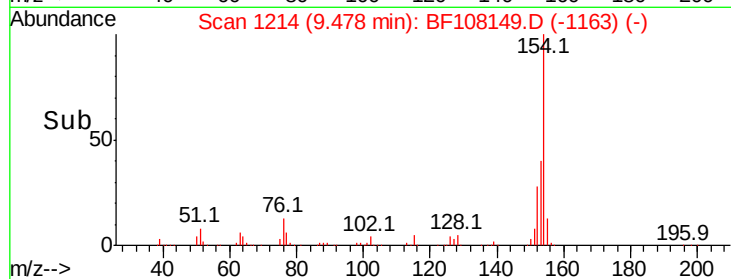
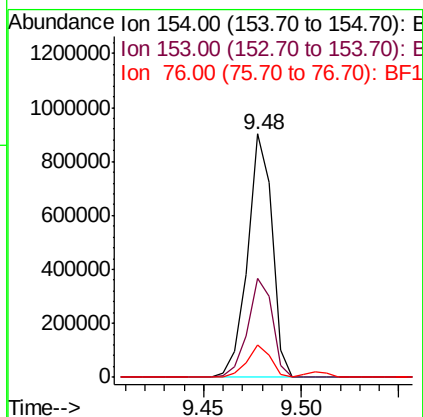
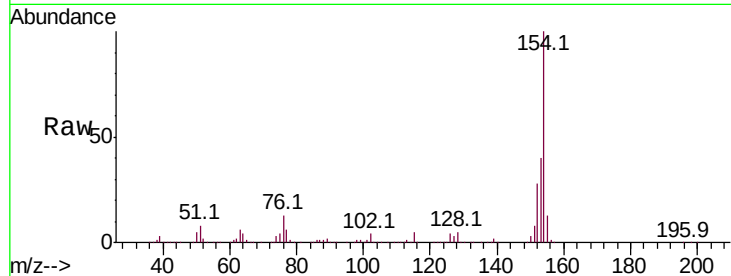
#45
 1,1'-Biphenyl
 Concen: 37.762 ng
 RT: 9.48 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF108149.D
 Acq: 14 Aug 2018 17:14

Instrument :
 BNA_F
 ClientSampleId :
 RA-080918-FL-001MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.3	61.3
76	13.1	0.0	34.0

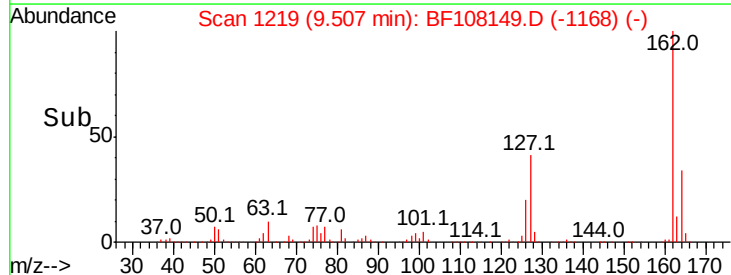
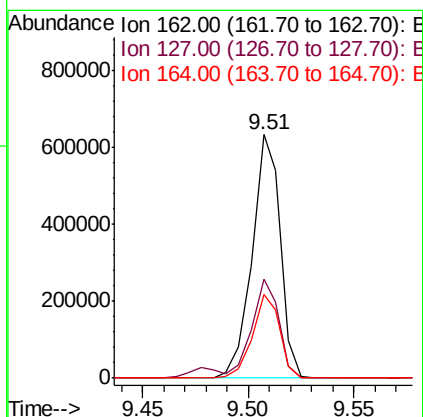
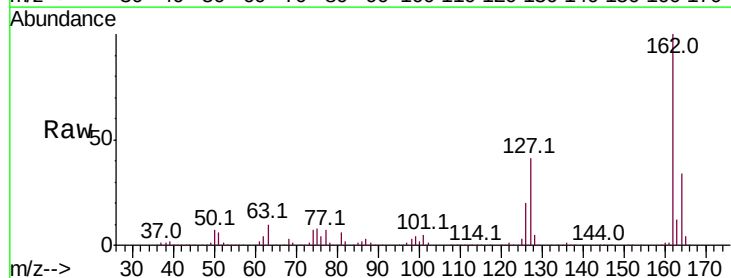
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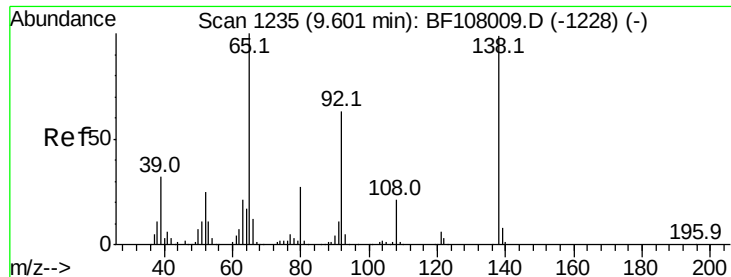
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#46
 2-Chloronaphthalene
 Concen: 35.742 ng
 RT: 9.51 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: BF108149.D
 Acq: 14 Aug 2018 17:14

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.6	33.9	50.9
164	34.3	26.5	39.7





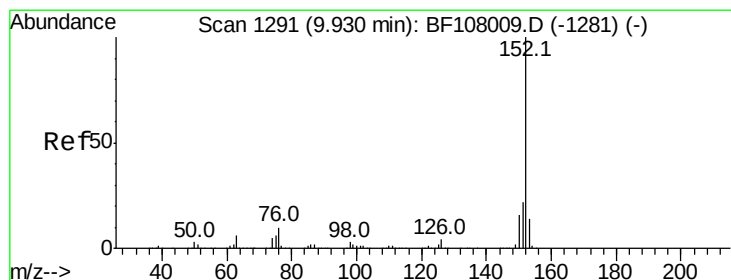
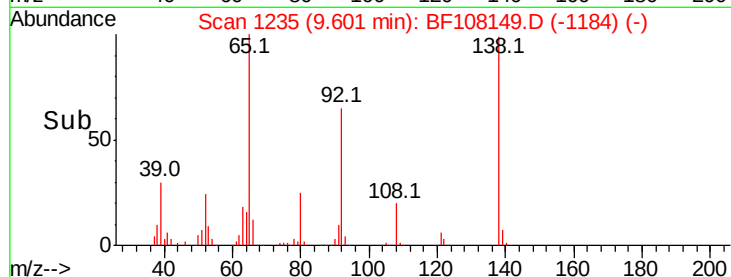
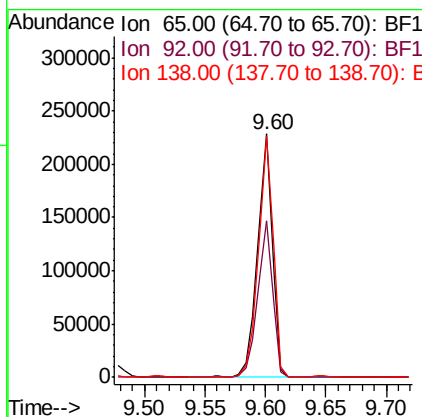
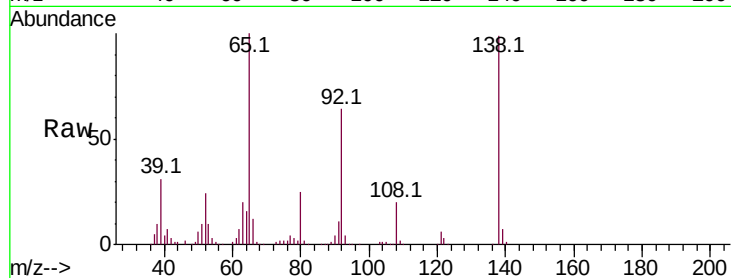
#47
2-Nitroaniline
Concen: 37.480 ng
RT: 9.60 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BF108149.D
Acq: 14 Aug 2018 17:14

Instrument :
BNA_F
ClientSampleId :
RA-080918-FL-001MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.4	55.8	83.6
138	99.1	91.2	136.8

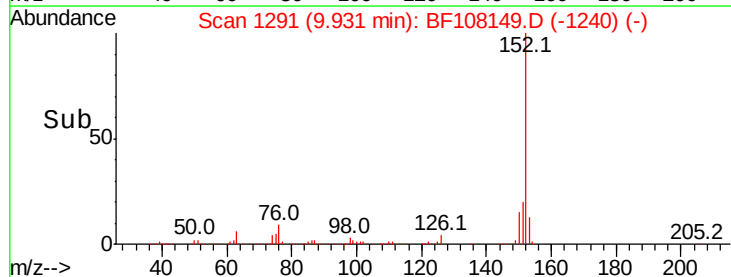
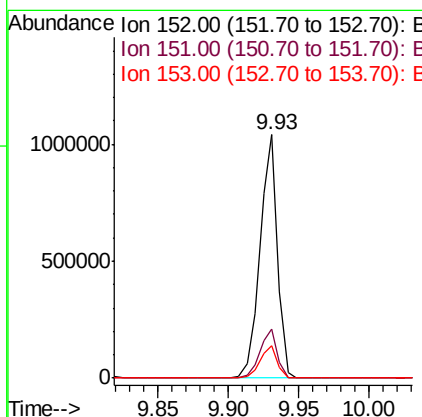
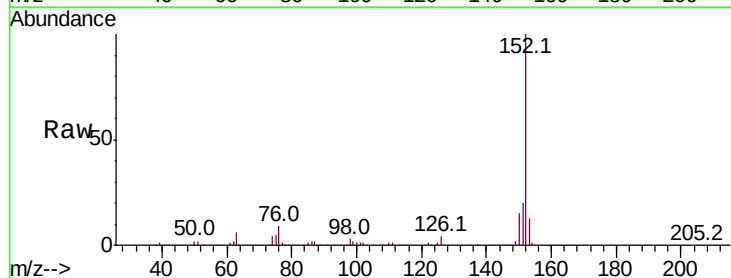
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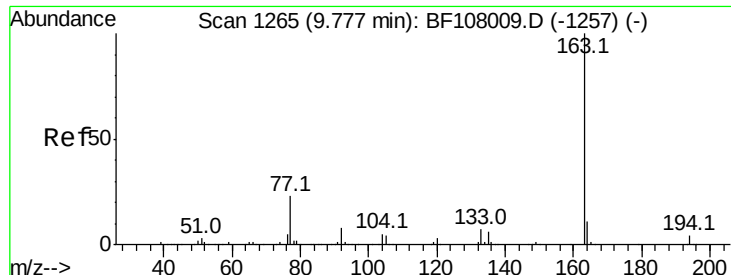
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#48
Acenaphthylene
Concen: 34.902 ng
RT: 9.93 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF108149.D
Acq: 14 Aug 2018 17:14

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.1	10.7	16.1





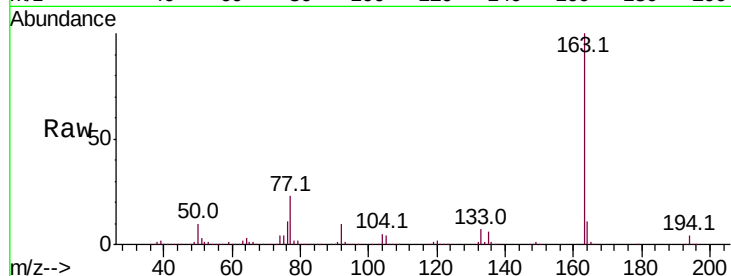
#49
Dimethylphthalate
Concen: 43.178 ng
RT: 9.77 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF108149.D
Acq: 14 Aug 2018 17:14

Instrument :
BNA_F
ClientSampleId :
RA-080918-FL-001MS

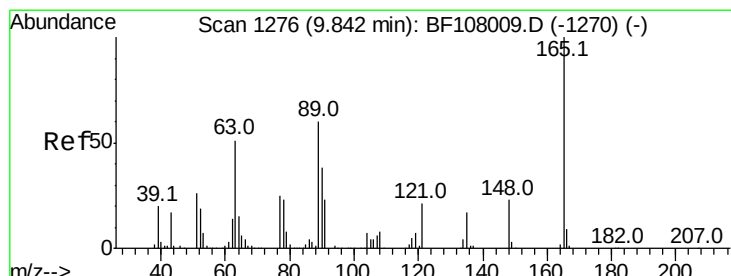
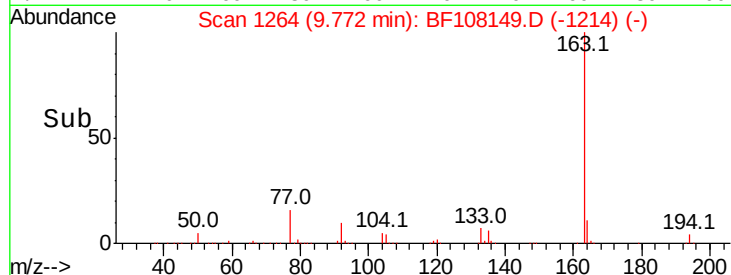
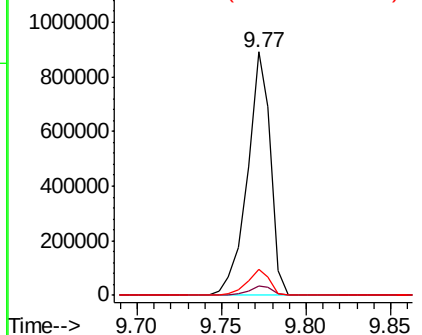
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.1	2.7	4.1#	
164	10.7	8.2	12.2	

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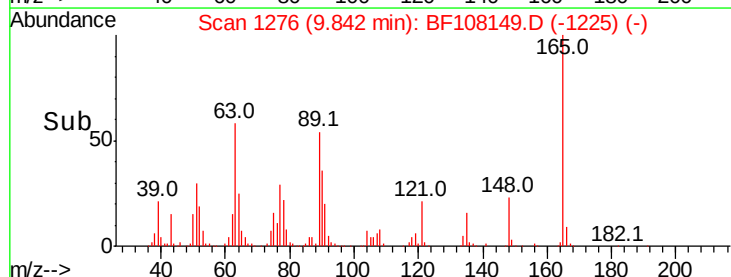
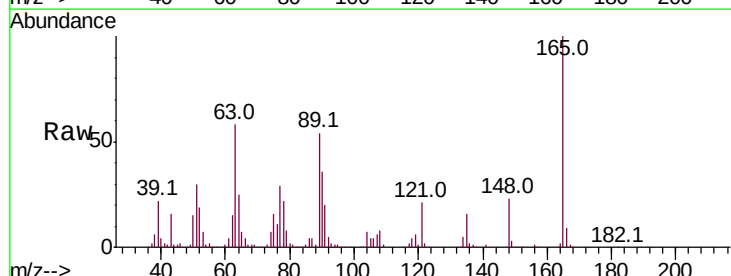
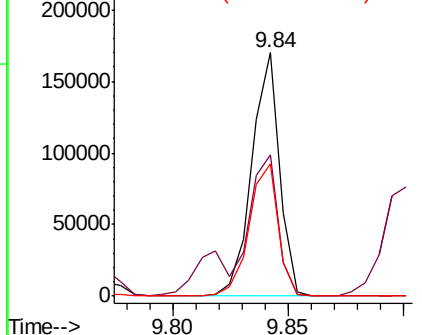
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

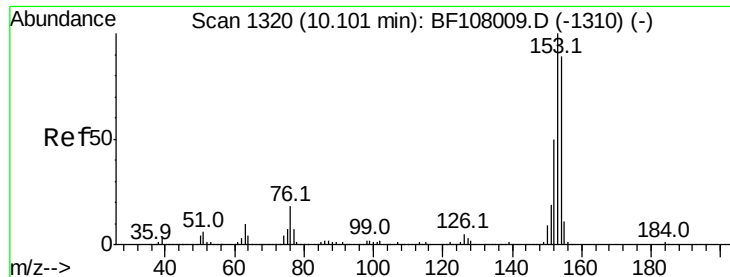


#50
2,6-Dinitrotoluene
Concen: 34.859 ng
RT: 9.84 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BF108149.D
Acq: 14 Aug 2018 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	58.0	44.7	67.1	
89	54.2	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: 33.129 ng

RT: 10.10 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF108149.D

Acq: 14 Aug 2018 17:14

Instrument :

BNA_F

ClientSampleId :

RA-080918-FL-001MS

Tot Ion:154 Resp: 527800

Ion Ratio Lower Upper

154 100

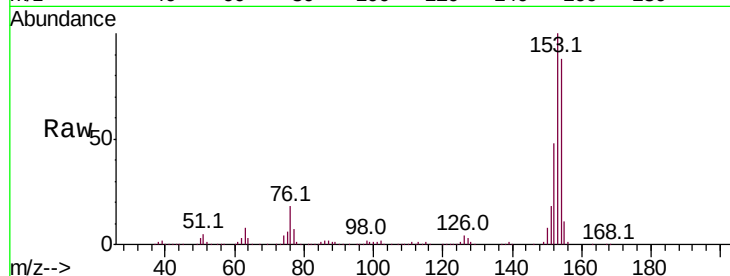
153 114.2 91.2 136.8

152 54.8 43.8 65.8

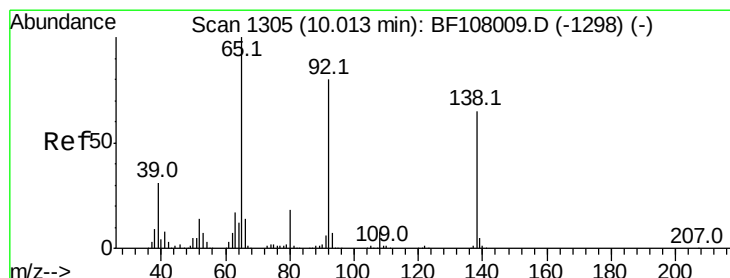
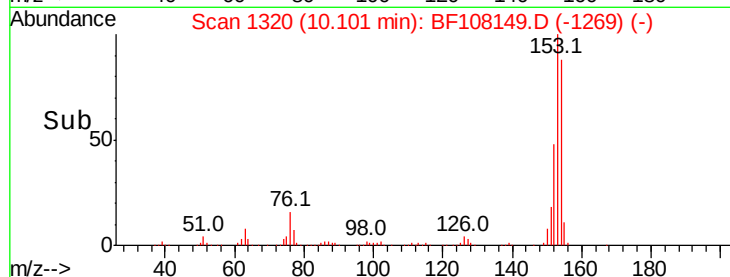
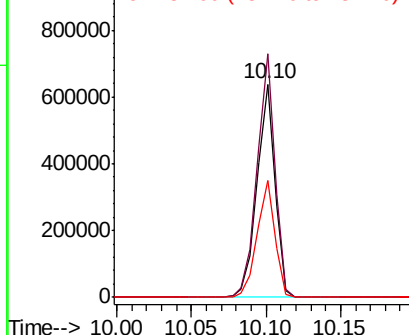
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 29.580 ng

RT: 10.01 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF108149.D

Acq: 14 Aug 2018 17:14

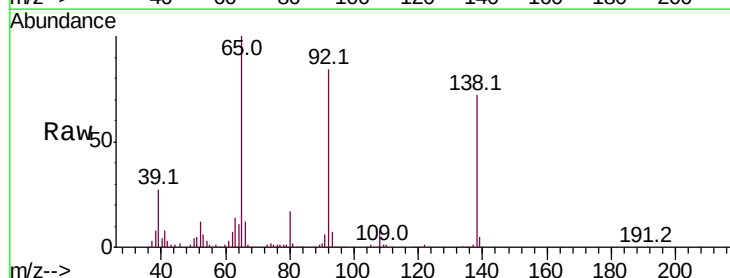
Tgt Ion:138 Resp: 133173

Ion Ratio Lower Upper

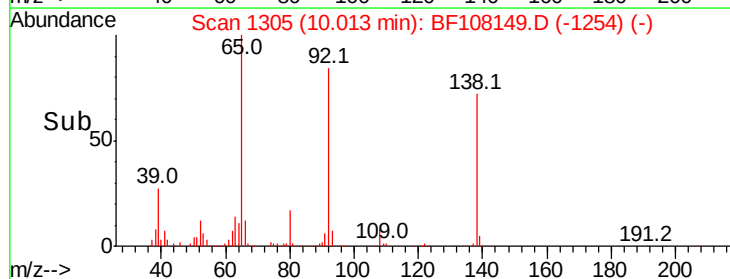
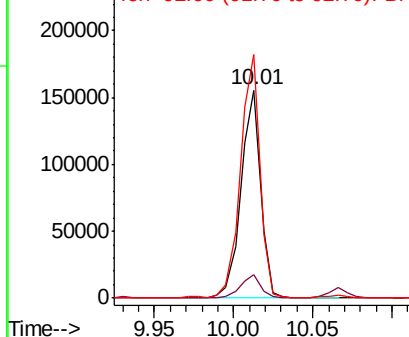
138 100

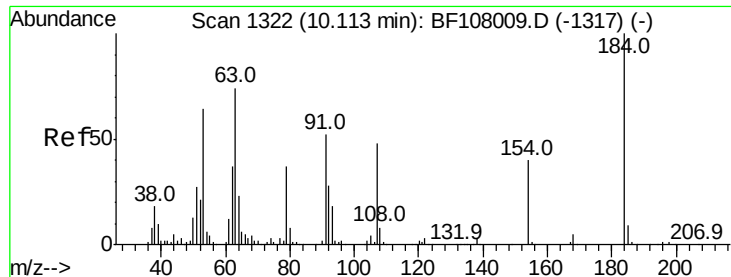
108 11.4 9.4 14.0

92 117.2 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





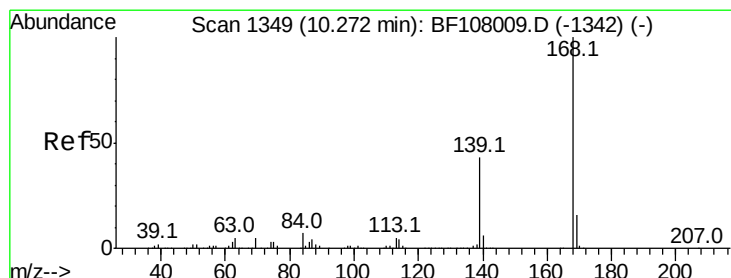
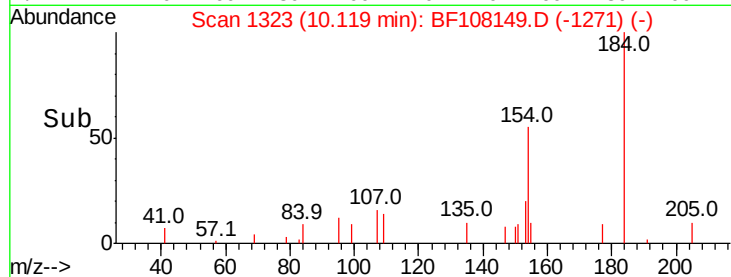
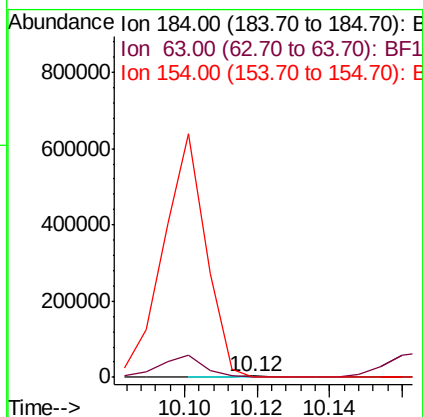
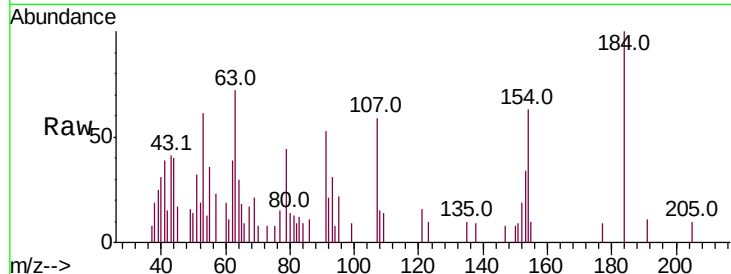
#53
2,4-Dinitrophenol
Concen: 8.751 ng
RT: 10.12 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF108149.D
Acq: 14 Aug 2018 17:14

Instrument :
BNA_F
ClientSampleId :
RA-080918-FL-001MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	71.8	54.2	81.2
154	62.9	184.0	276.0#

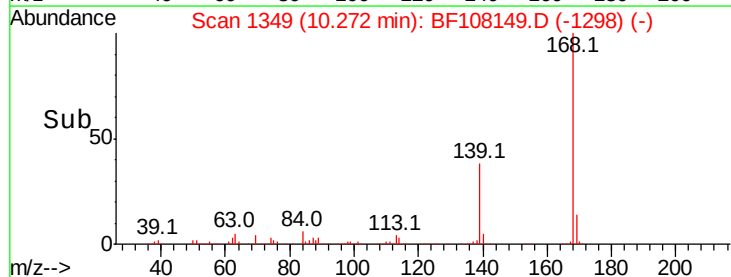
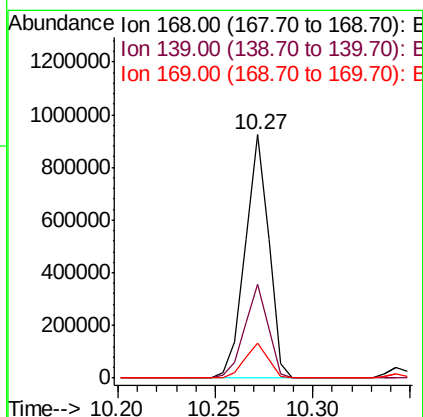
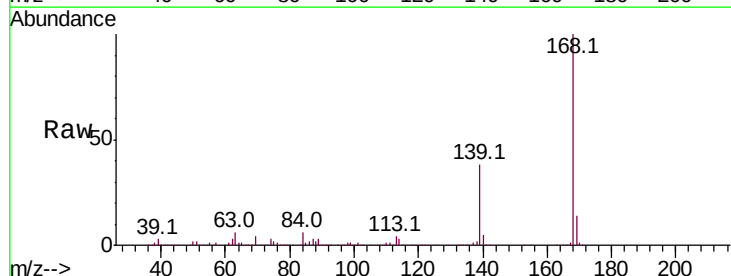
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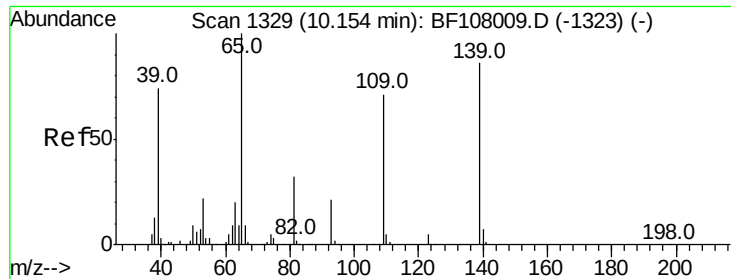
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#54
Dibenzofuran
Concen: 33.669 ng
RT: 10.27 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF108149.D
Acq: 14 Aug 2018 17:14

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.3	30.1	45.1
169	14.4	10.9	16.3





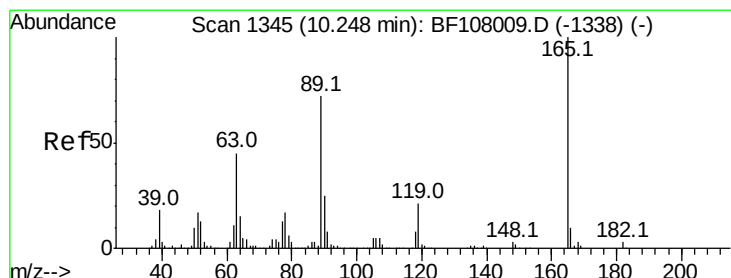
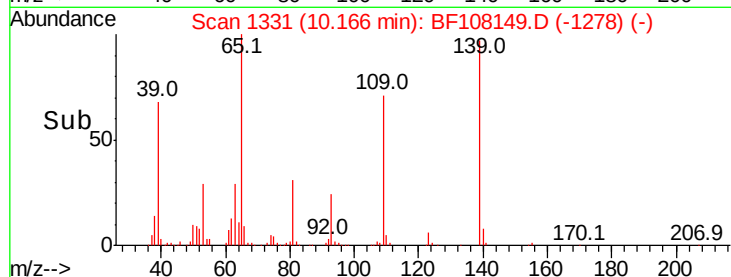
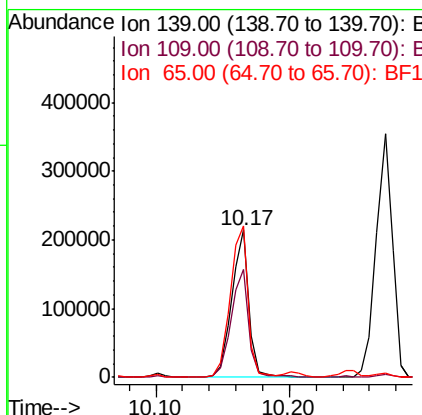
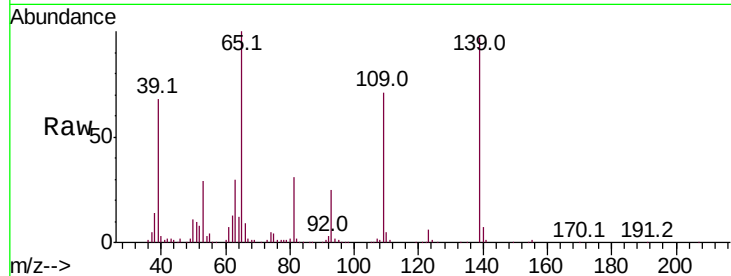
#55
4-Nitrophenol
Concen: 56.914 ng
RT: 10.17 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF108149.D
Acq: 14 Aug 2018 17:14

Instrument :
BNA_F
ClientSampleId :
RA-080918-FL-001MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	73.5	48.4	88.4	
65	103.1	72.6	112.6	

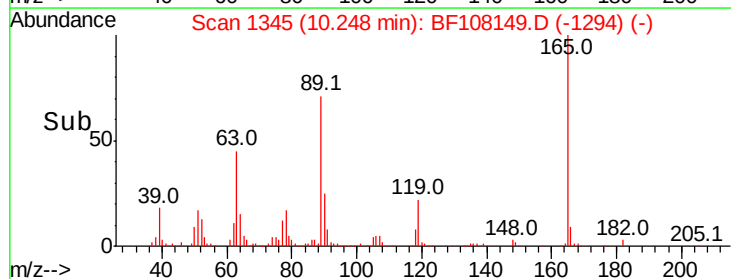
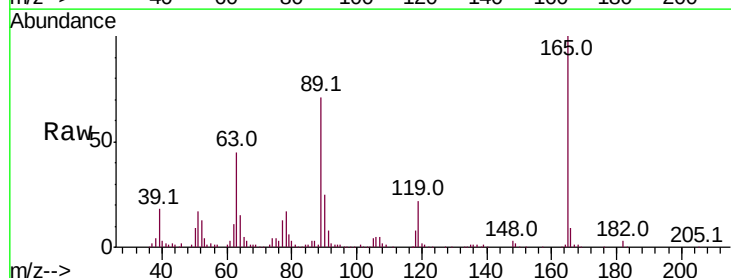
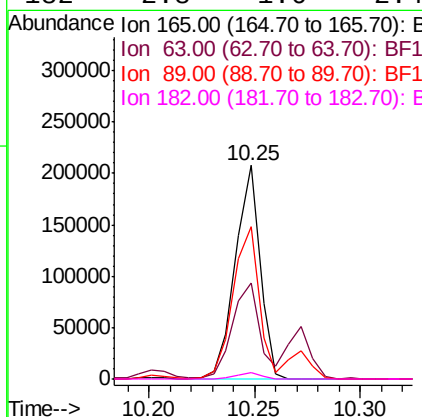
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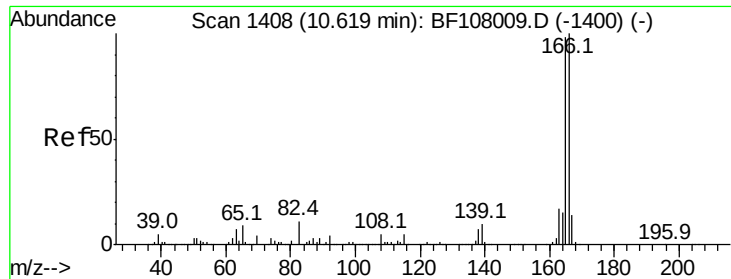
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#56
2,4-Dinitrotoluene
Concen: 31.964 ng
RT: 10.25 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF108149.D
Acq: 14 Aug 2018 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	44.7	36.4	54.6	
89	71.2	57.8	86.6	
182	2.8	1.6	2.4	#





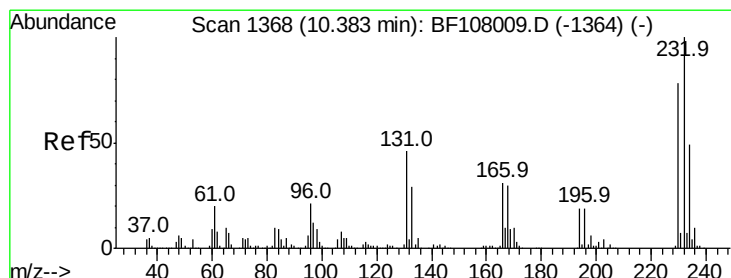
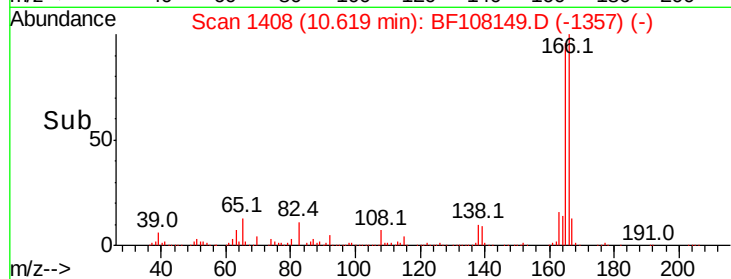
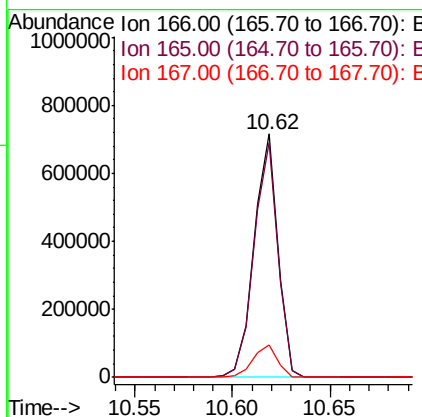
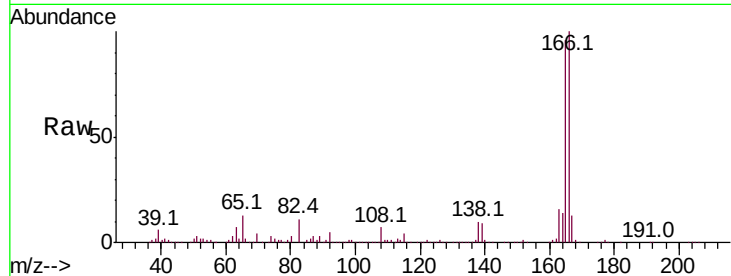
#57
 Fluorene
 Concen: 33.086 ng
 RT: 10.62 min Scan# 1408
 Delta R.T. 0.00 min
 Lab File: BF108149.D
 Acq: 14 Aug 2018 17:14

Instrument :
 BNA_F
 ClientSampleId :
 RA-080918-FL-001MS

Tot Ion:	166	Resp:	604523
Ion Ratio	Lower	Upper	
166	100		
165	96.4	79.8	119.8
167	13.2	10.6	16.0

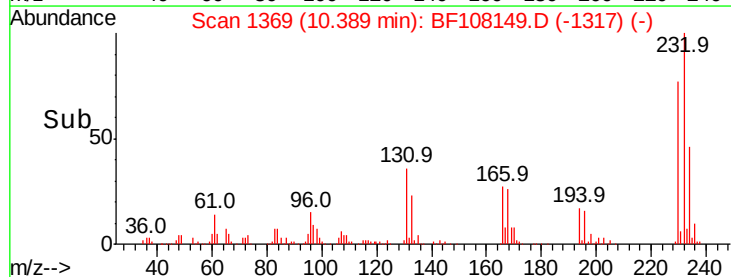
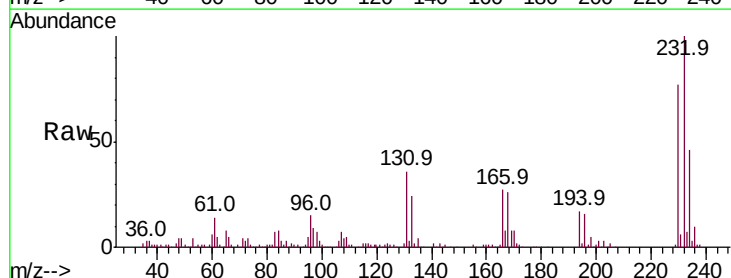
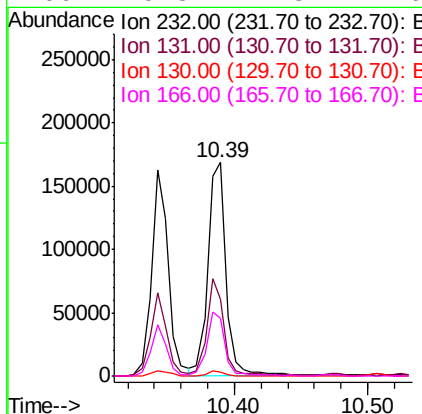
Manual Integrations
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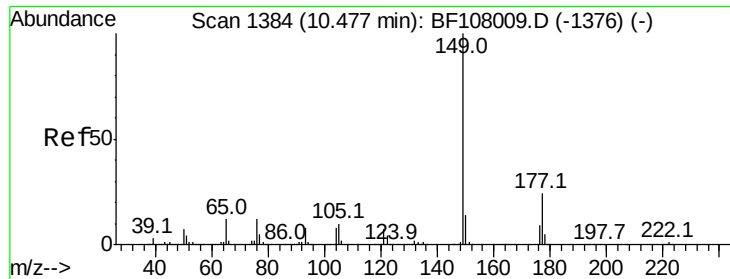
Sohil
 8/15/2018 3:38:37 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 32.504 ng
 RT: 10.39 min Scan# 1369
 Delta R.T. 0.01 min
 Lab File: BF108149.D
 Acq: 14 Aug 2018 17:14

Tgt Ion:	232	Resp:	160909
Ion Ratio	Lower	Upper	
232	100		
131	41.0	43.8	65.8#
130	2.1	2.1	3.1
166	29.3	27.8	41.6





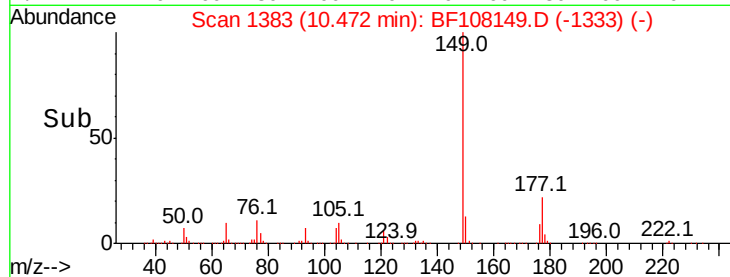
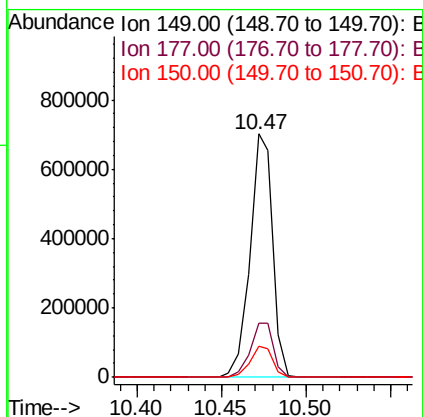
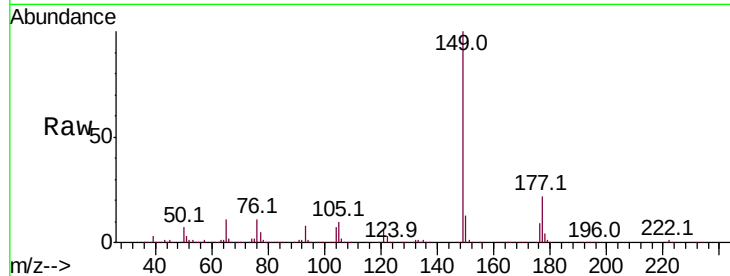
#59
Diethylphthalate
Concen: 34.567 ng
RT: 10.47 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF108149.D
Acq: 14 Aug 2018 17:14

Instrument :
BNA_F
ClientSampleId :
RA-080918-FL-001MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	658307		
177	22.1	16.1	24.1	
150	12.7	10.1	15.1	

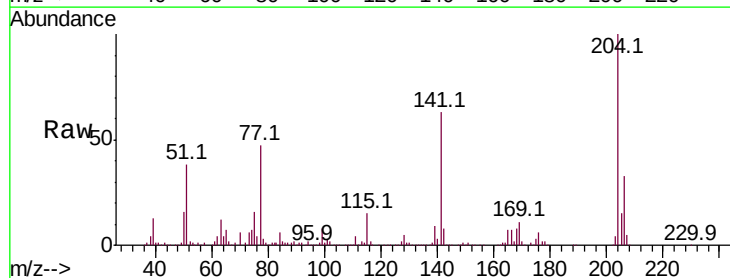
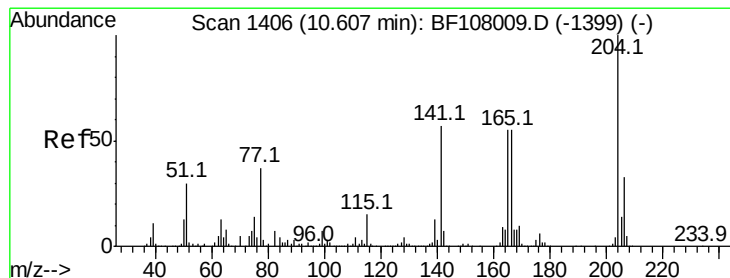
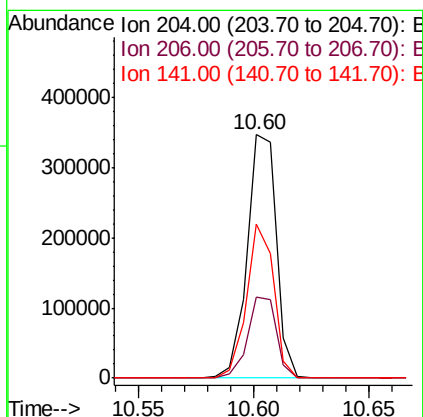
Manual Integrations
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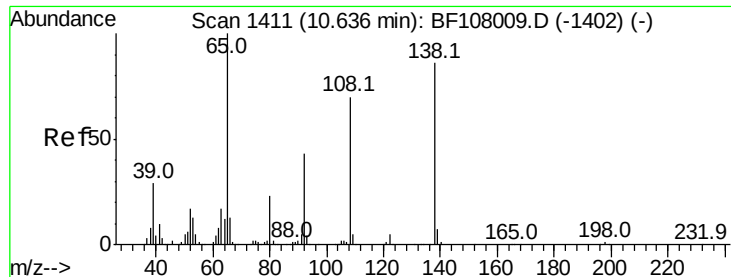
Sohil
8/15/2018 3:38:37 PM



#60
4-Chlorophenyl-phenylether
Concen: 32.392 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF108149.D
Acq: 14 Aug 2018 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	308392		
206	33.0	26.5	39.7	
141	63.2	54.6	81.8	





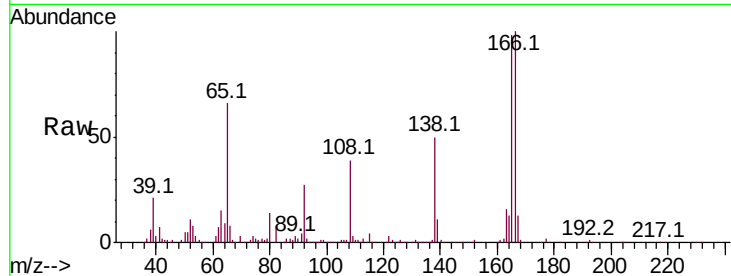
#61
4-Nitroaniline
Concen: 30.377 ng
RT: 10.62 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF108149.D
Acq: 14 Aug 2018 17:14

Instrument :
BNA_F
ClientSampleId :
RA-080918-FL-001MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.2	30.2	70.2
108	79.2	52.5	92.5

Manual Integrations
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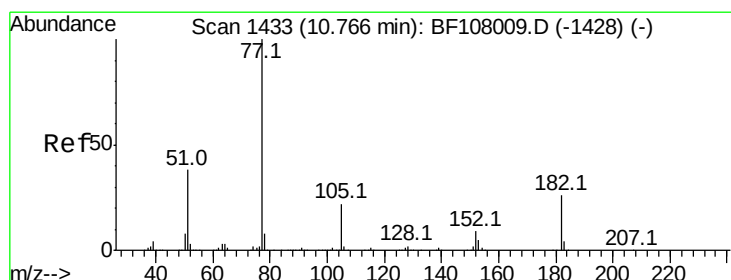
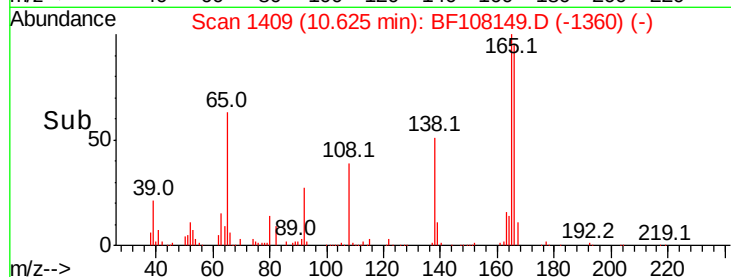
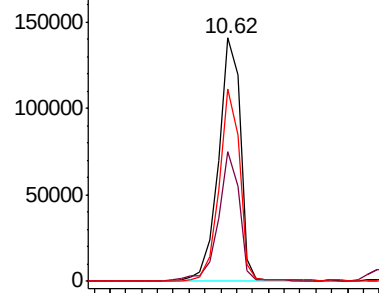


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62
Azobenzene
Concen: 31.217 ng
RT: 10.77 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF108149.D
Acq: 14 Aug 2018 17:14

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.7	1.7	41.7
105	21.2	3.0	43.0
51	33.0	9.9	49.9

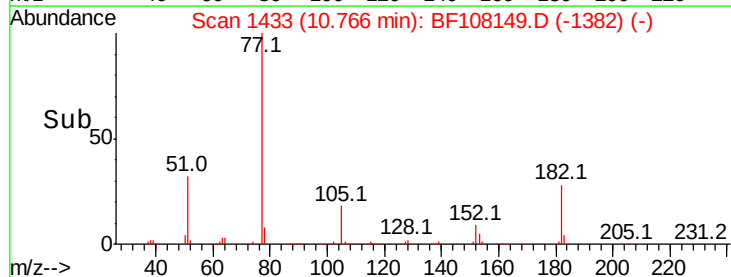
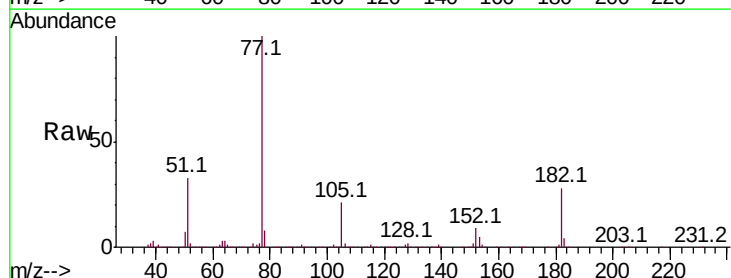
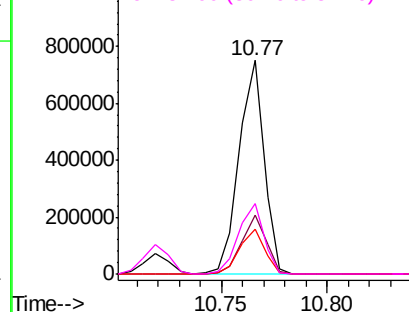
Abundance

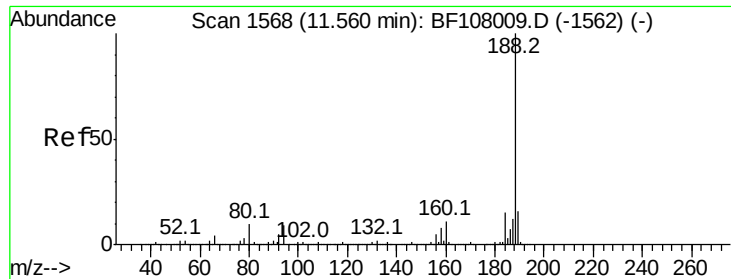
Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





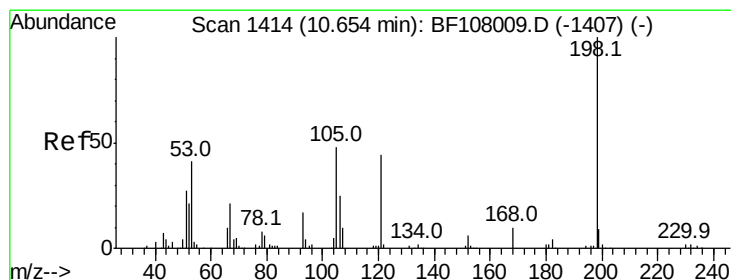
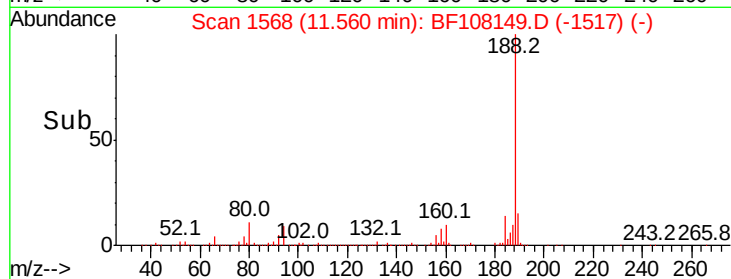
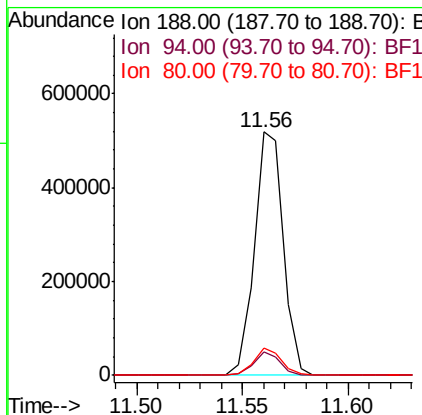
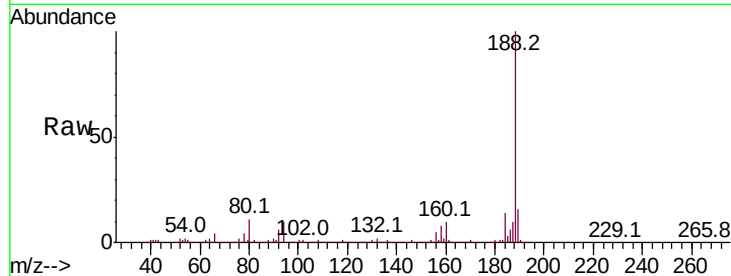
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.56 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF108149.D
Acq: 14 Aug 2018 17:14

Instrument :
BNA_F
ClientSampleId :
RA-080918-FL-001MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	493644		
94	9.5		8.5	12.7
80	11.0		9.2	13.8

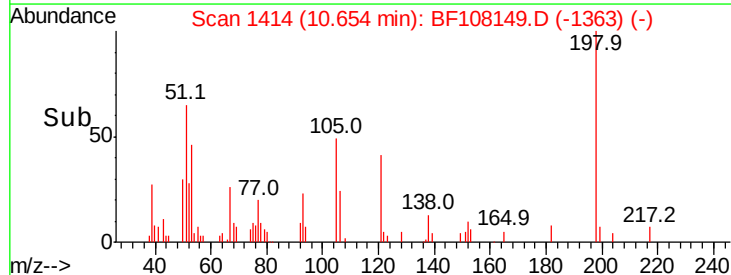
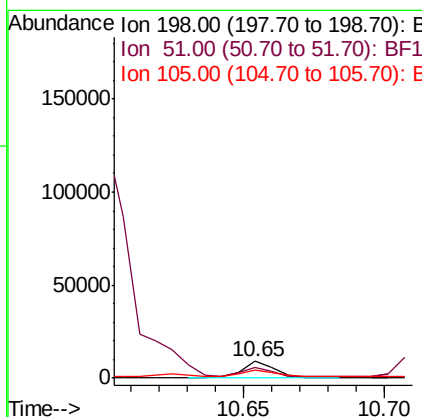
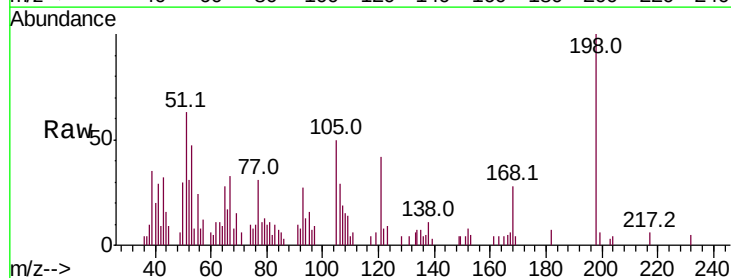
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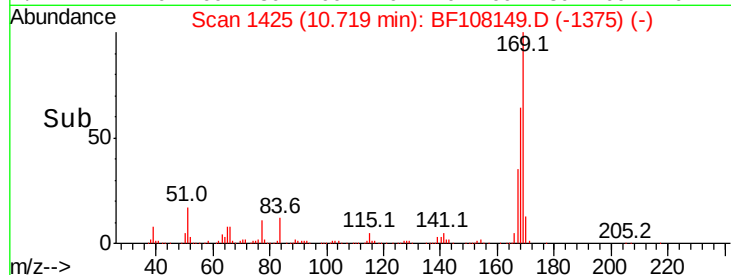
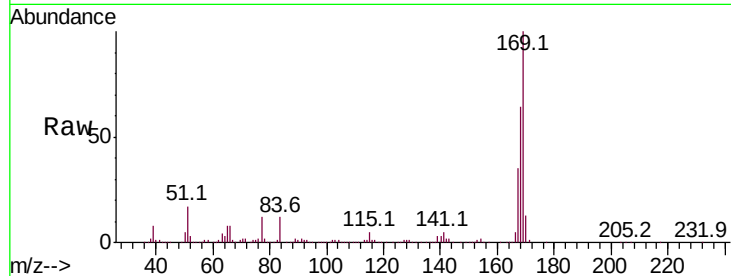
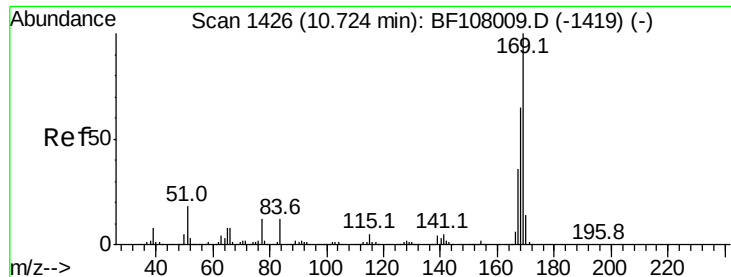
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 8.832 ng
RT: 10.65 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF108149.D
Acq: 14 Aug 2018 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	7247		
51	63.3		37.7	77.7
105	50.4		36.3	76.3





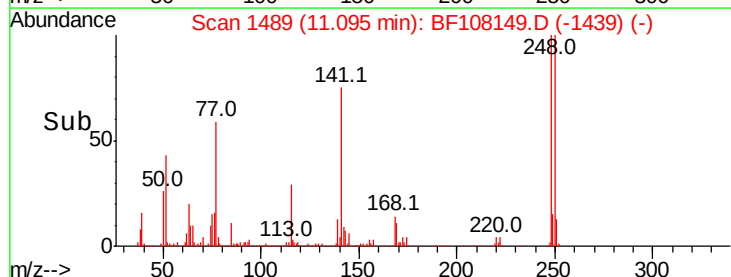
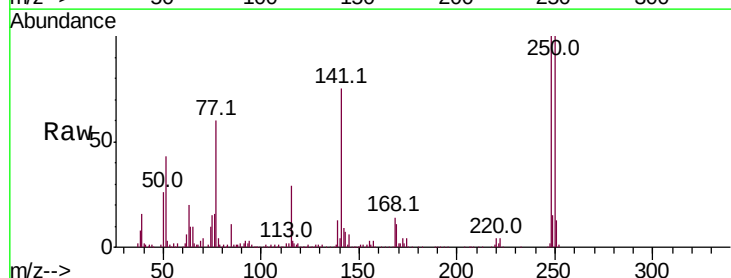
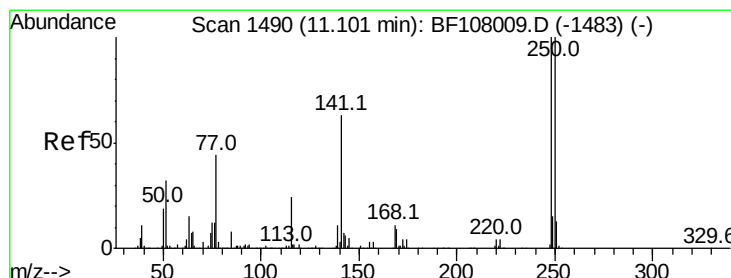
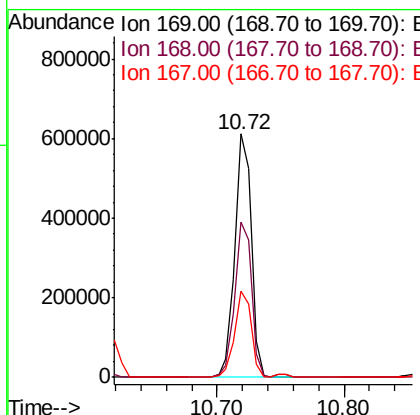
#65
n-Nitrosodiphenylamine
Concen: 37.259 ng
RT: 10.72 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF108149.D
Acq: 14 Aug 2018 17:14

Instrument :
BNA_F
ClientSampleId :
RA-080918-FL-001MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	63.9	54.4	81.6	
167	35.2	29.8	44.6	

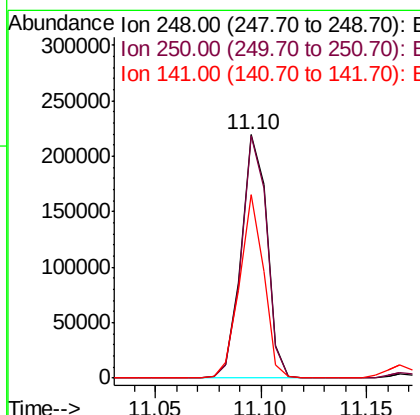
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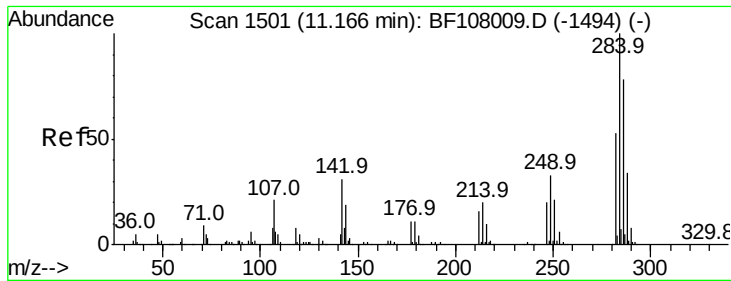
Sohil
8/15/2018 3:38:37 PM



#66
4-Bromophenyl-phenylether
Concen: 34.449 ng
RT: 11.10 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BF108149.D
Acq: 14 Aug 2018 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	99.7	76.9	115.3	
141	75.1	74.4	111.6	





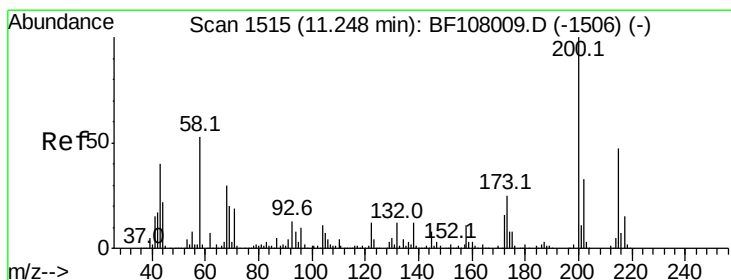
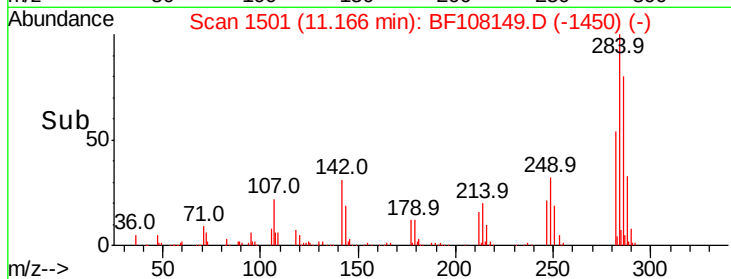
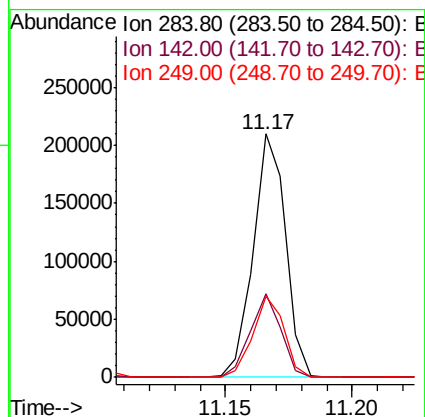
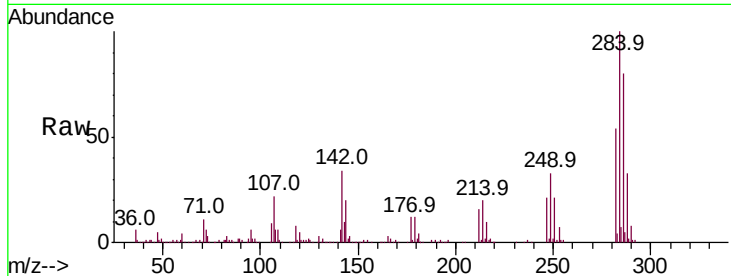
#67
Hexachlorobenzene
Concen: 33.061 ng
RT: 11.17 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BF108149.D
Acq: 14 Aug 2018 17:14

Instrument :
BNA_F
ClientSampleId :
RA-080918-FL-001MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	34.5	34.6	52.0	
249	33.1	24.8	37.2	

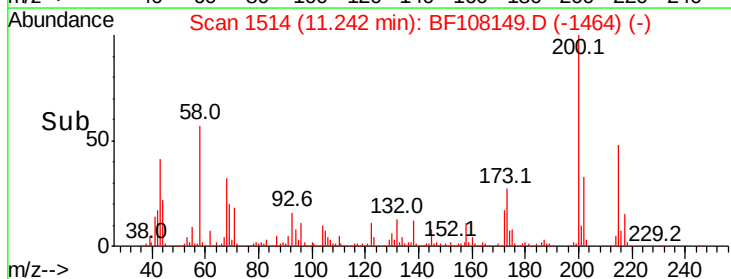
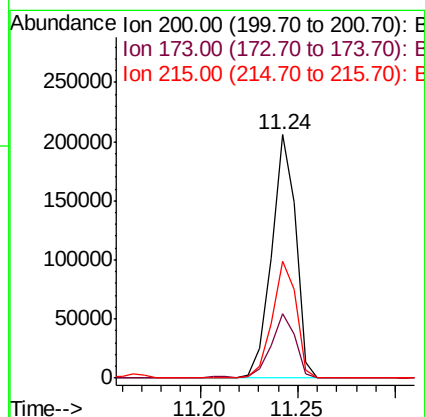
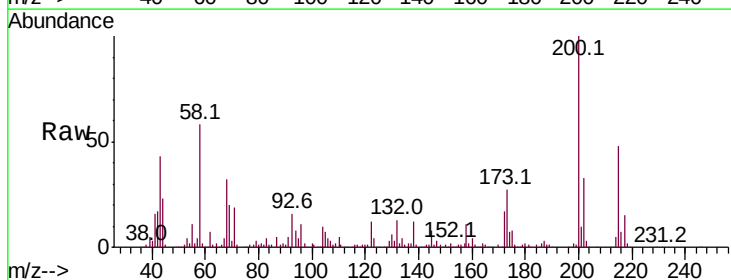
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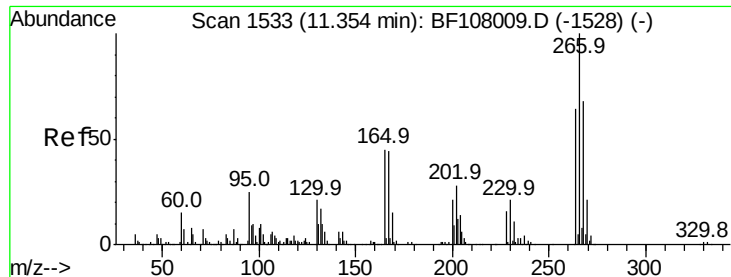
Sohil
8/15/2018 3:38:37 PM



#68
Atrazine
Concen: 36.009 ng
RT: 11.24 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BF108149.D
Acq: 14 Aug 2018 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	26.7	8.6	48.6	
215	48.0	25.1	65.1	





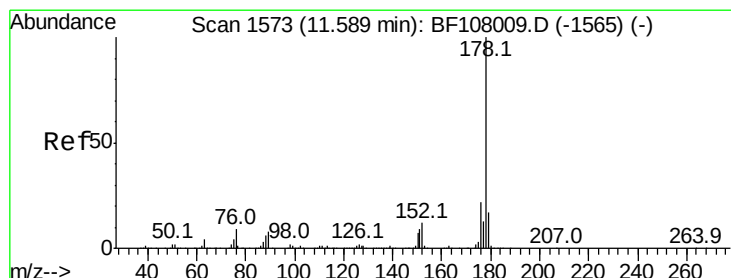
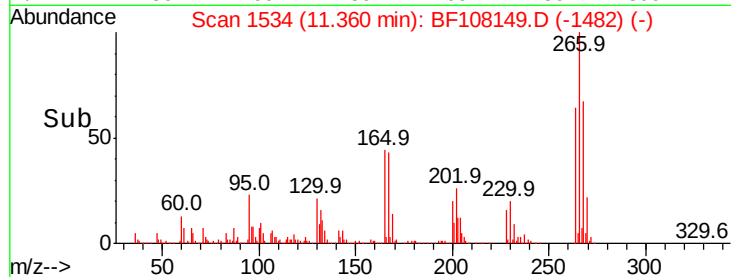
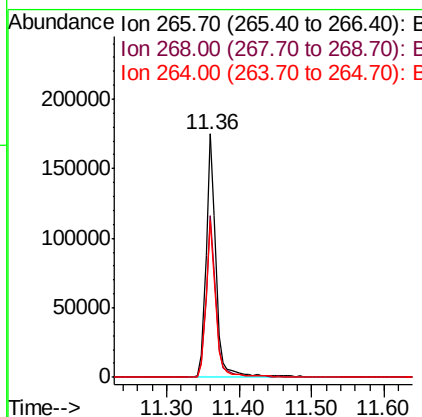
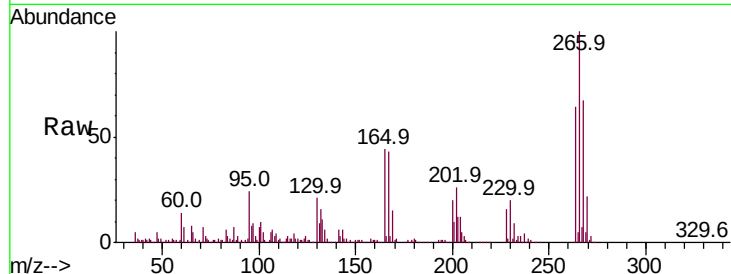
#69
 Pentachlorophenol
 Concen: 62.530 ng
 RT: 11.36 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: BF108149.D
 Acq: 14 Aug 2018 17:14

Instrument :
 BNA_F
 ClientSampleId :
 RA-080918-FL-001MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	168935		
268	66.6	51.1	76.7	
264	64.3	49.5	74.3	

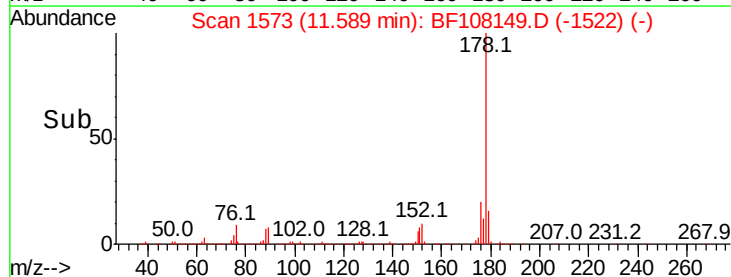
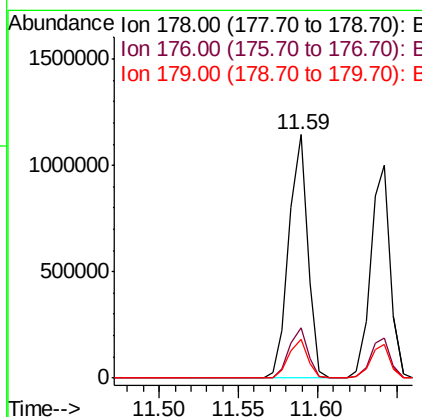
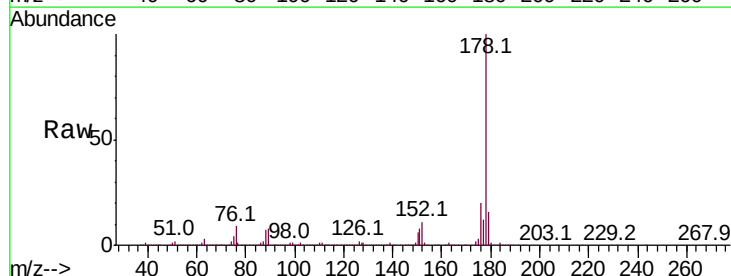
Manual Integrations
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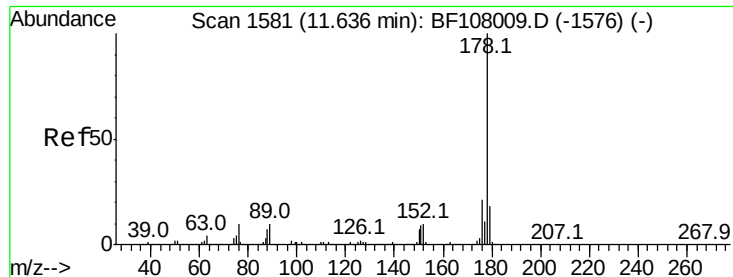
Sohil
 8/15/2018 3:38:37 PM



#70
 Phenanthrene
 Concen: 40.743 ng
 RT: 11.59 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF108149.D
 Acq: 14 Aug 2018 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	948642		
176	20.4	15.8	23.8	
179	16.0	13.0	19.6	





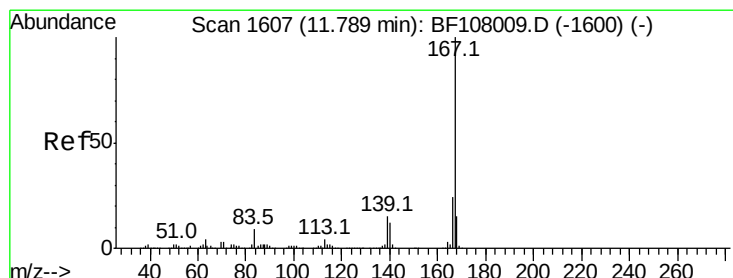
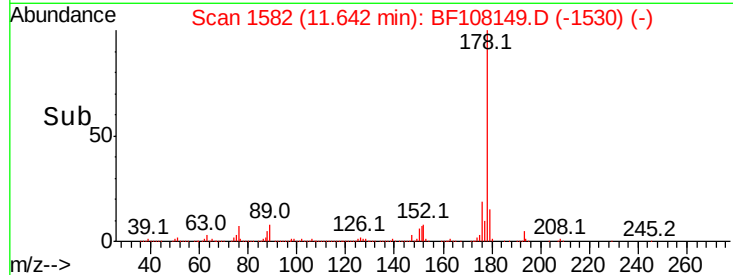
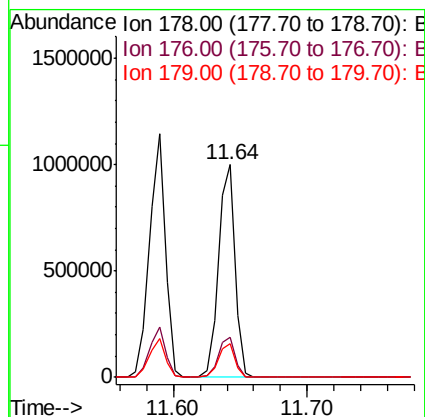
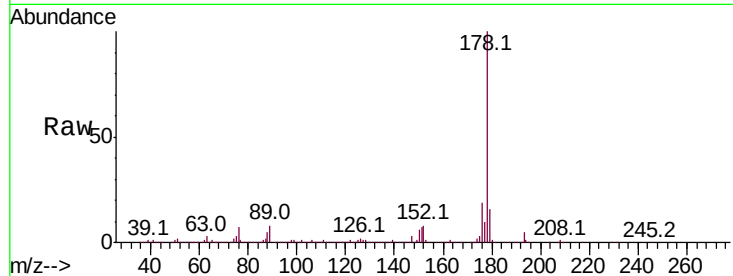
#71
 Anthracene
 Concen: 36.573 ng
 RT: 11.64 min Scan# 1582
 Delta R.T. 0.01 min
 Lab File: BF108149.D
 Acq: 14 Aug 2018 17:14

Instrument :
 BNA_F
 ClientSampleId :
 RA-080918-FL-001MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	15.6	12.6	19.0

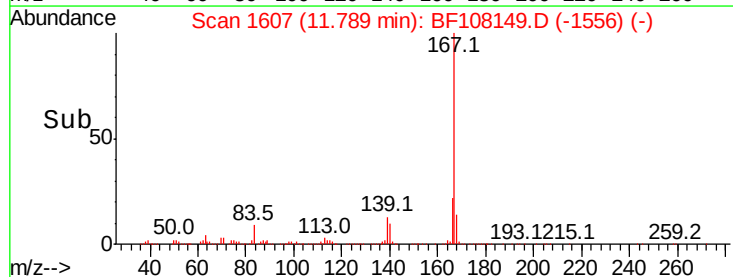
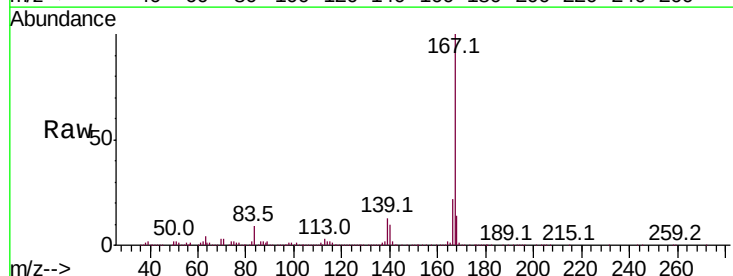
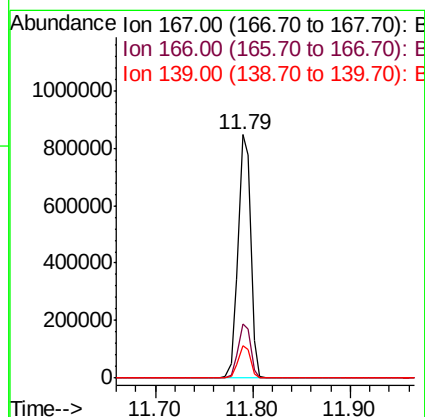
Manual Integrations
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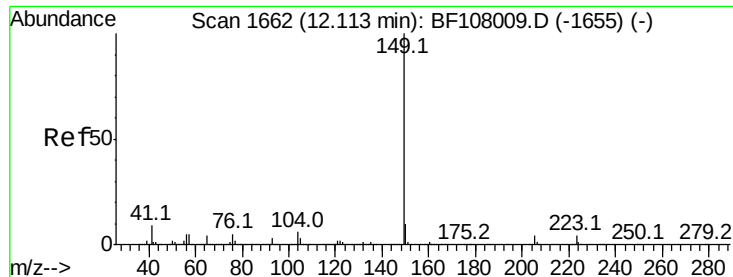
Sohil
 8/15/2018 3:38:37 PM



#72
 Carbazole
 Concen: 36.158 ng
 RT: 11.79 min Scan# 1607
 Delta R.T. 0.00 min
 Lab File: BF108149.D
 Acq: 14 Aug 2018 17:14

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.6	26.4
139	13.2	10.9	16.3





#73

Di-n-butylphthalate

Concen: 38.079 ng

RT: 12.11 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BF108149.D

Acq: 14 Aug 2018 17:14

Instrument :

BNA_F

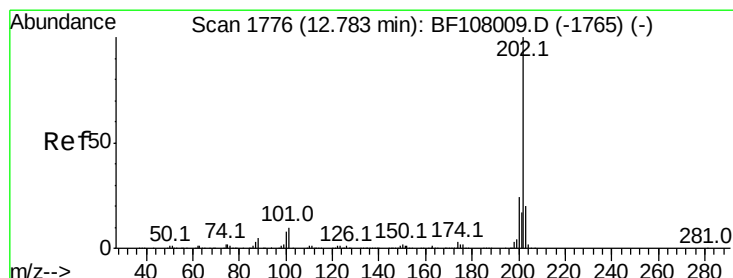
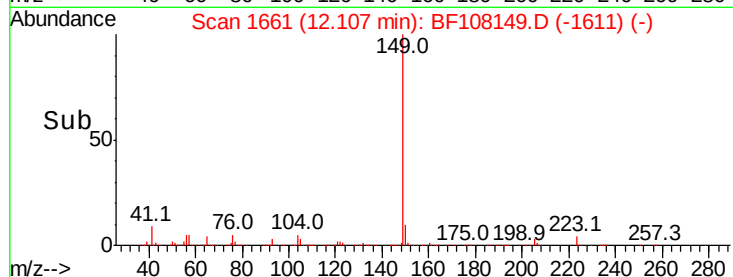
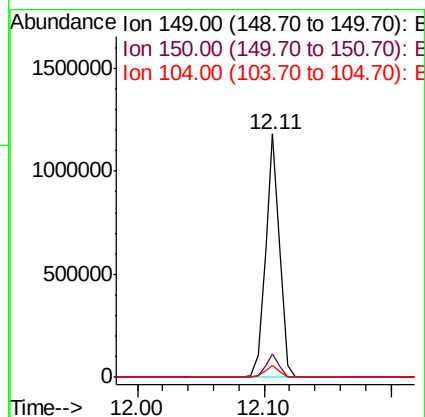
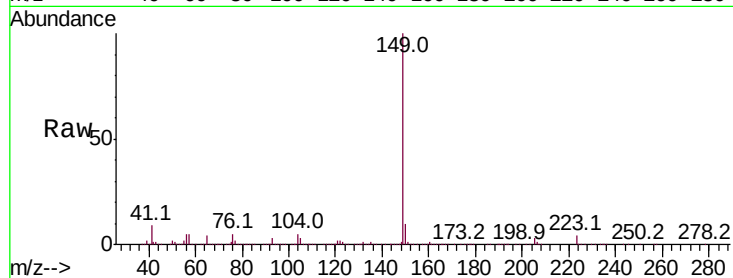
ClientSampleId :

RA-080918-FL-001MS

Tot Ion:	149	Resp:	914480
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.8	11.6
104	5.1	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 42.019 ng

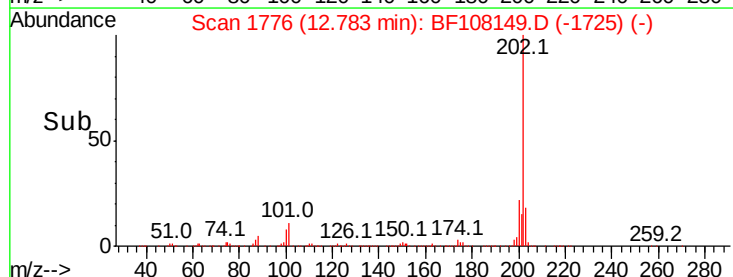
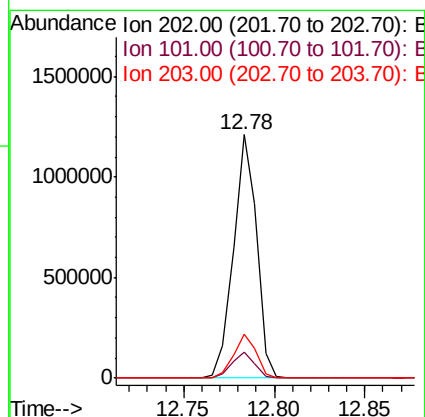
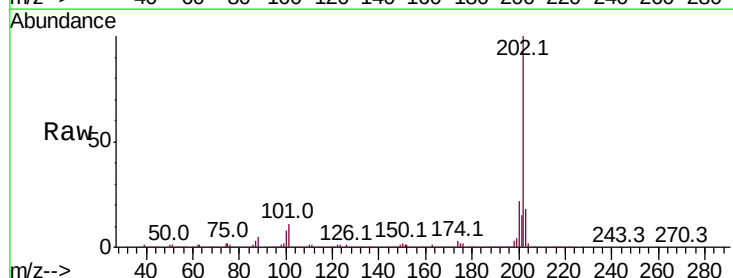
RT: 12.78 min Scan# 1776

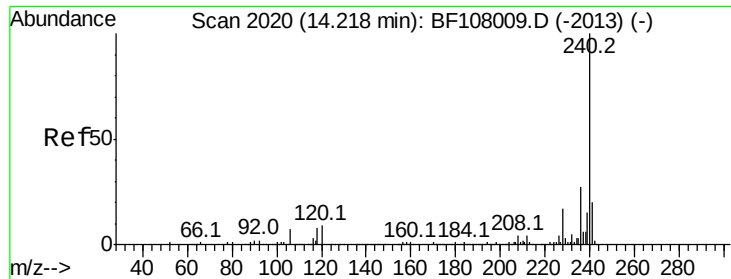
Delta R.T. 0.00 min

Lab File: BF108149.D

Acq: 14 Aug 2018 17:14

Tgt Ion:	202	Resp:	1067758
Ion Ratio	Lower	Upper	
202	100		
101	10.9	0.0	34.1
203	18.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.22 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF108149.D

Acq: 14 Aug 2018 17:14

Instrument :

BNA_F

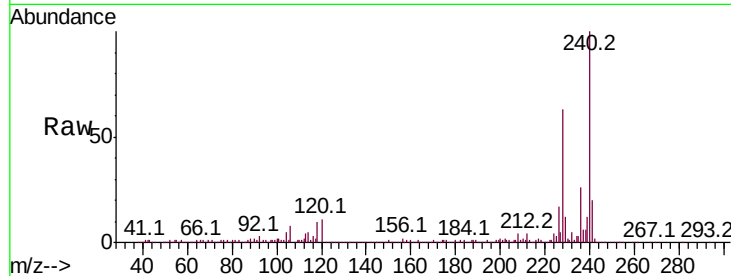
ClientSampleId :

RA-080918-FL-001MS

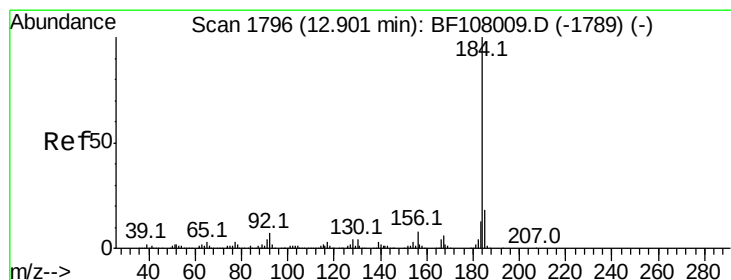
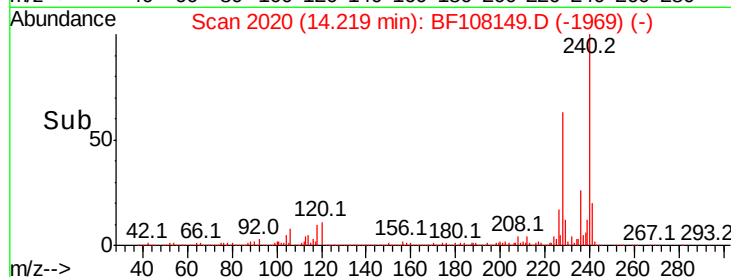
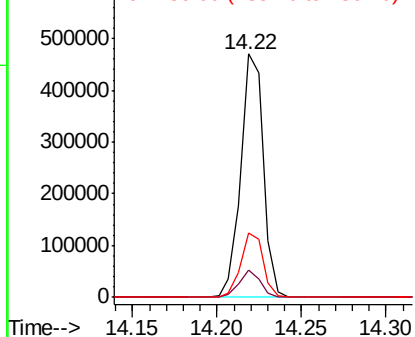
Tot Ion:	240	Resp:	439244
Ion Ratio	Lower	Upper	
240	100		
120	11.2	9.5	14.3
236	26.4	20.7	31.1

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 32.656 ng

RT: 12.90 min Scan# 1796

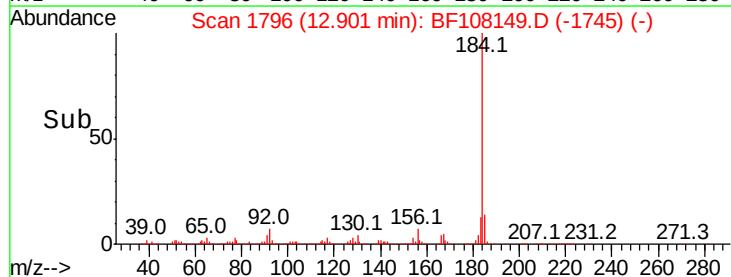
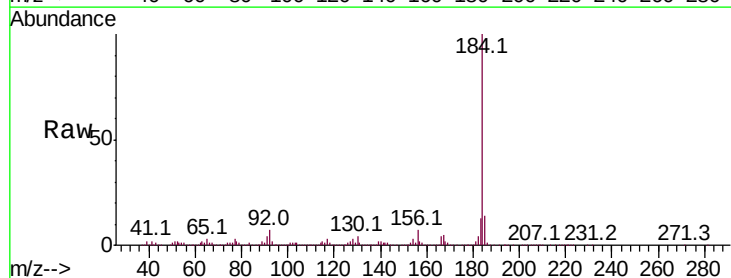
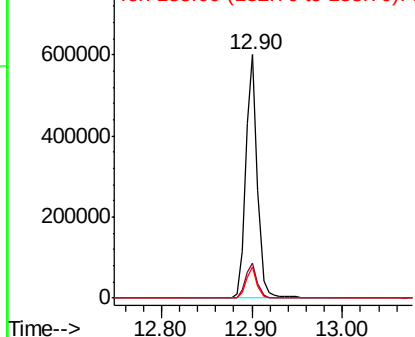
Delta R.T. 0.00 min

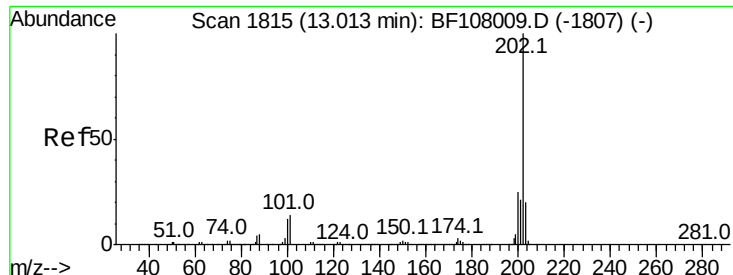
Lab File: BF108149.D

Acq: 14 Aug 2018 17:14

Tgt Ion:	184	Resp:	535933
Ion Ratio	Lower	Upper	
184	100		
185	14.4	12.6	18.8
183	12.6	9.3	13.9

Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





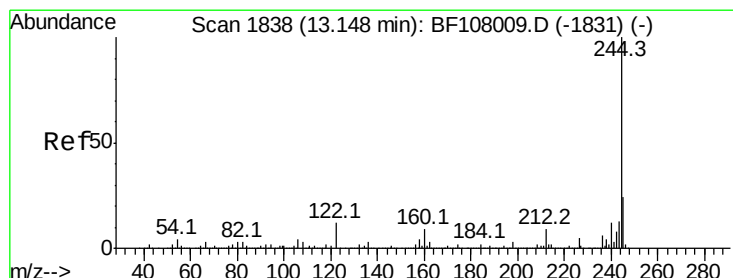
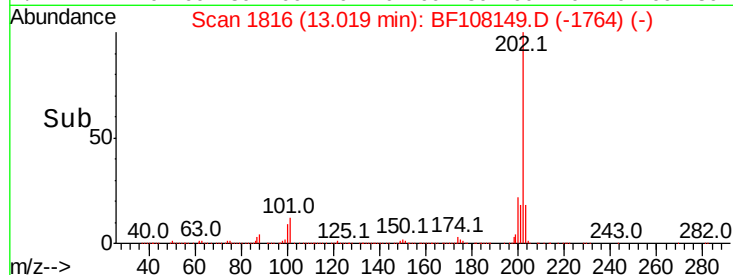
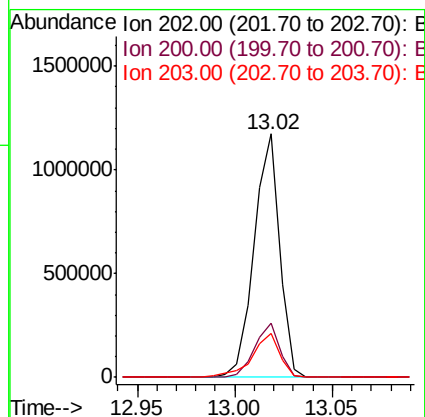
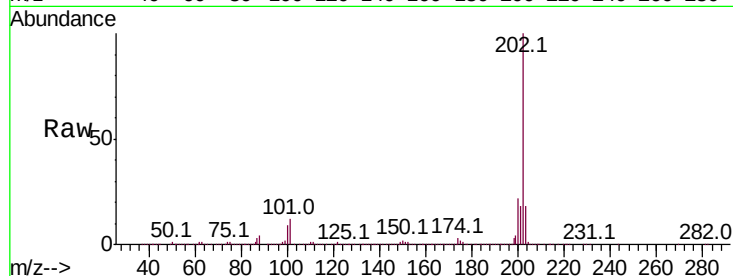
#77
Pvrene
Concen: 38.213 ng
RT: 13.02 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BF108149.D
Acq: 14 Aug 2018 17:14

Instrument :
BNA_F
ClientSampleId :
RA-080918-FL-001MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.4	26.2
203	18.1	14.3	21.5

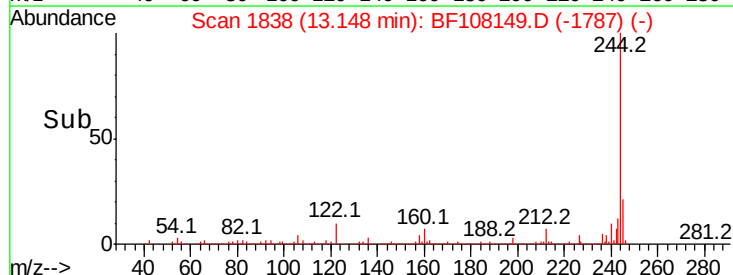
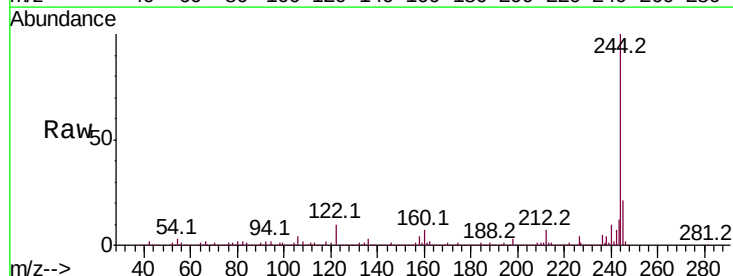
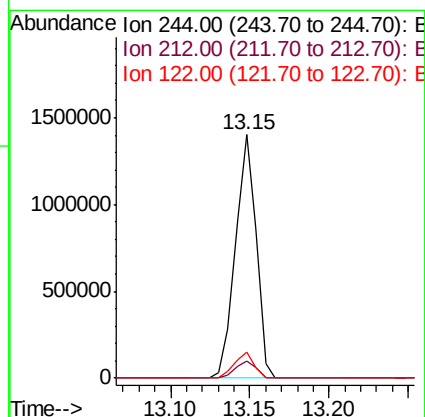
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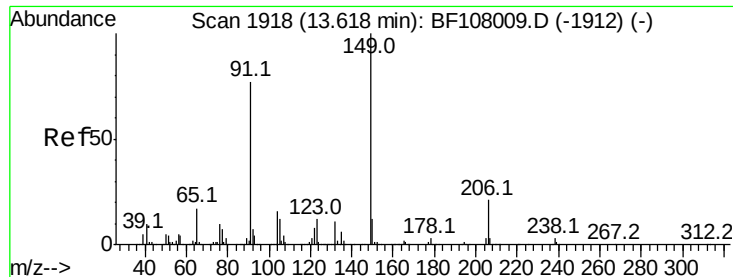
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#78
Terphenyl-d14
Concen: 73.338 ng
RT: 13.15 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF108149.D
Acq: 14 Aug 2018 17:14

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	10.5	11.0	16.4





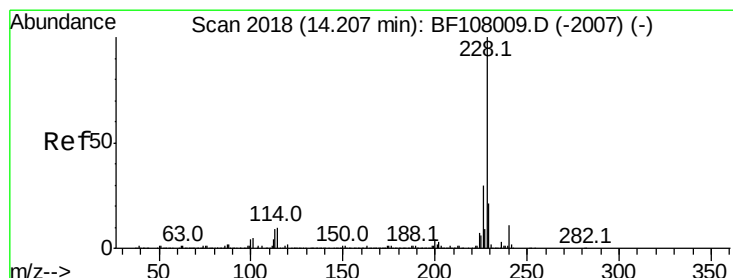
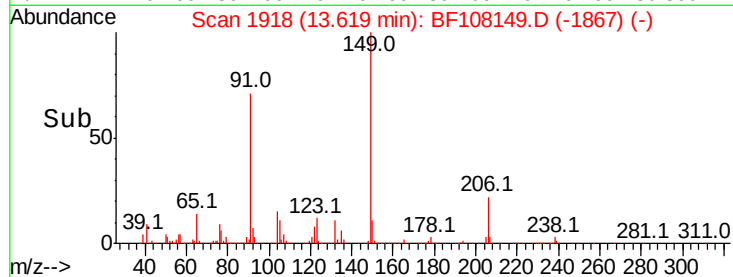
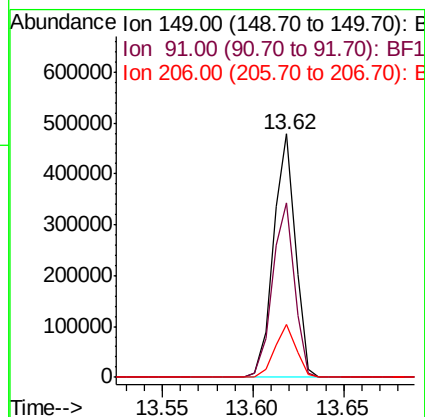
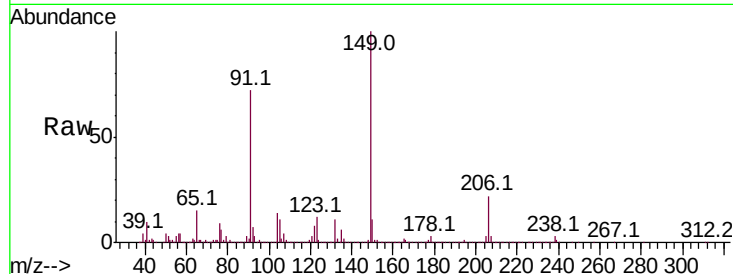
#79
Butylbenzylphthalate
Concen: 35.998 ng
RT: 13.62 min Scan# 1918
Delta R.T. 0.00 min
Lab File: BF108149.D
Acq: 14 Aug 2018 17:14

Instrument :
BNA_F
ClientSampleId :
RA-080918-FL-001MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	397507		
91	71.6	56.8	85.2	
206	21.7	14.1	21.1	

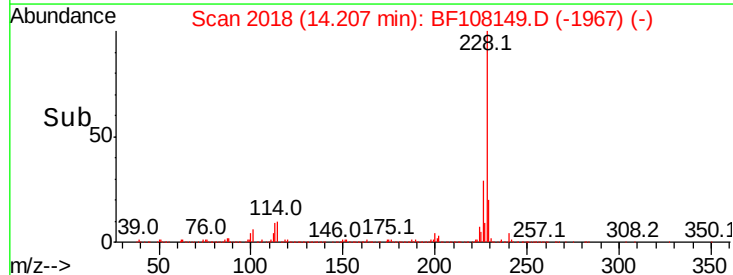
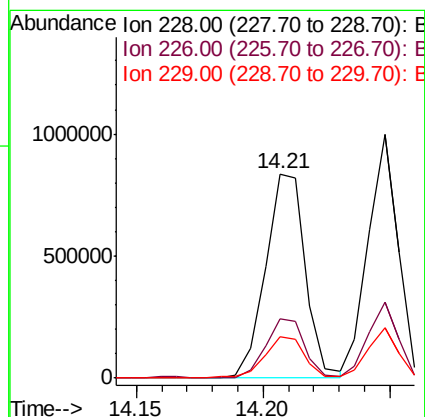
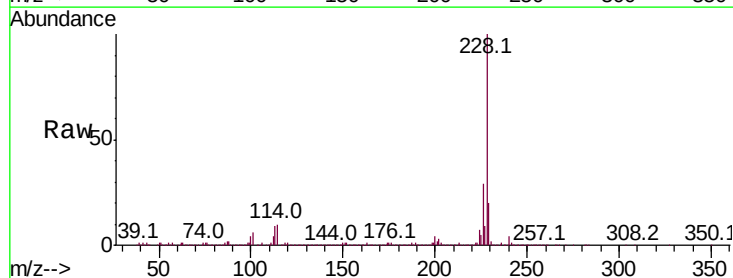
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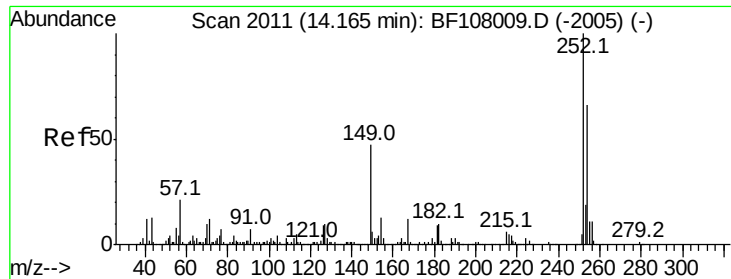
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#80
Benzo(a)anthracene
Concen: 36.447 ng
RT: 14.21 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF108149.D
Acq: 14 Aug 2018 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	918753		
226	28.7	22.6	33.8	
229	20.1	15.8	23.6	





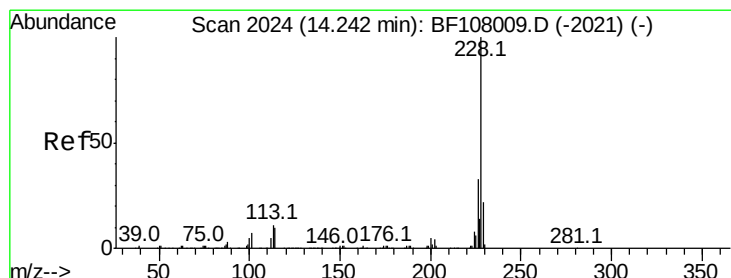
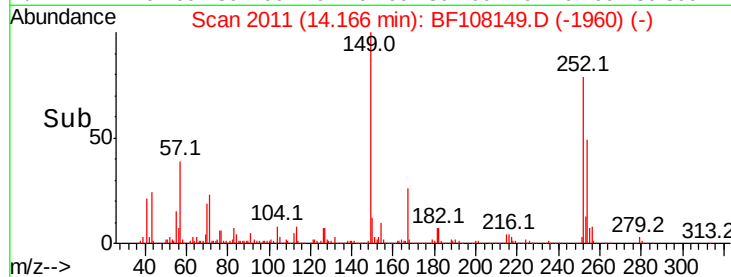
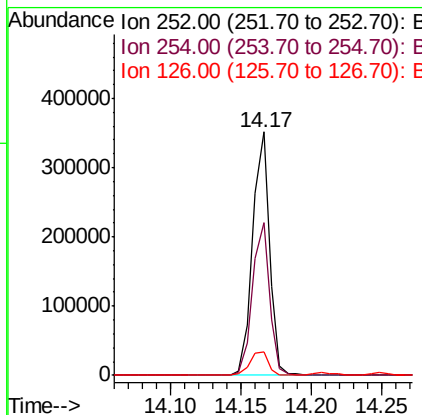
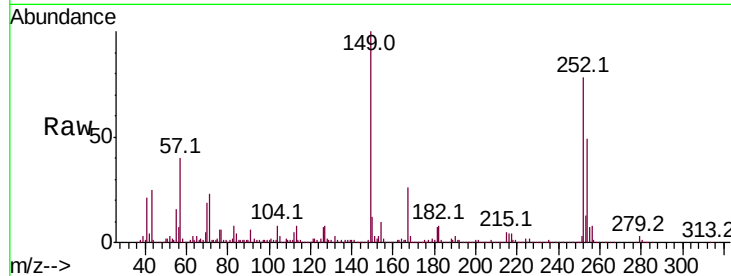
#81
 3,3'-Dichlorobenzidine
 Concen: 33.109 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BF108149.D
 Acq: 14 Aug 2018 17:14

Instrument :
 BNA_F
 ClientSampleId :
 RA-080918-FL-001MS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	62.9	50.4	75.6
126	9.5	11.3	16.9

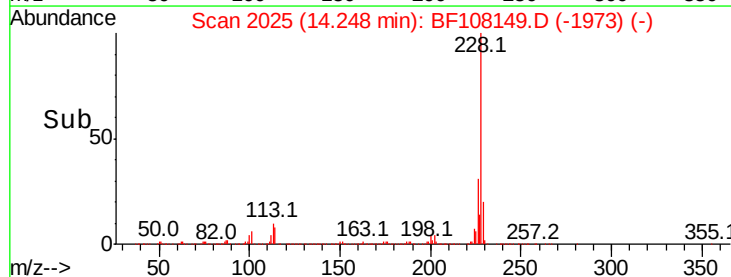
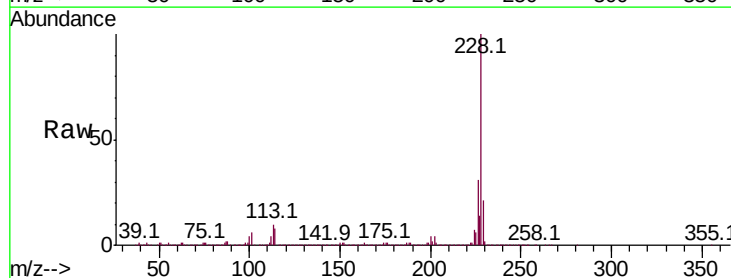
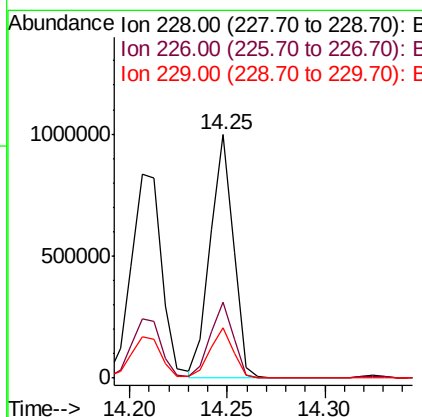
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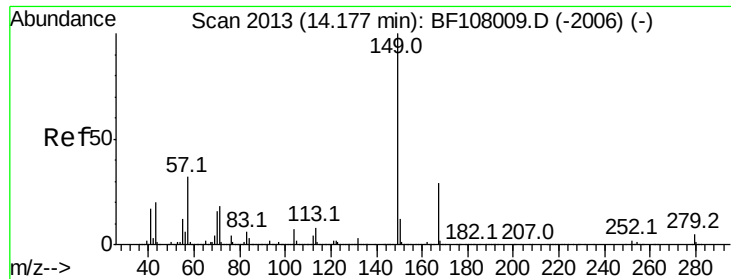
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#82
 Chrysene
 Concen: 35.661 ng
 RT: 14.25 min Scan# 2025
 Delta R.T. 0.01 min
 Lab File: BF108149.D
 Acq: 14 Aug 2018 17:14

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.3	25.0	37.6
229	20.5	16.2	24.4





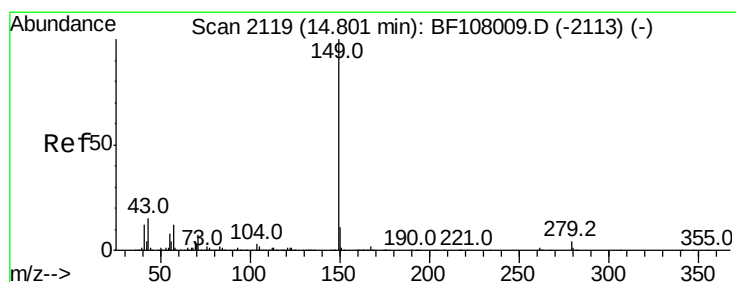
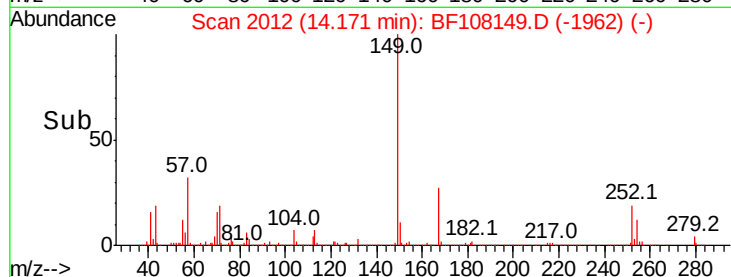
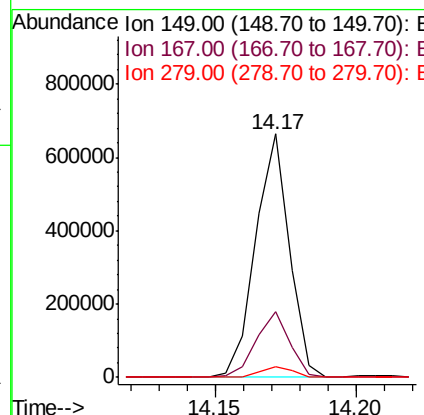
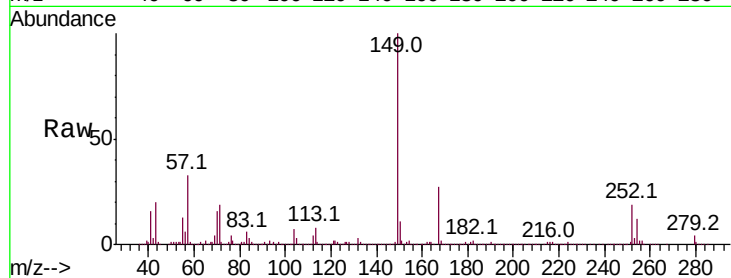
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.714 ng
 RT: 14.17 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF108149.D
 Acq: 14 Aug 2018 17:14

Instrument :
 BNA_F
 ClientSampleId :
 RA-080918-FL-001MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	27.2	21.3	31.9	
279	4.1	3.0	4.4	

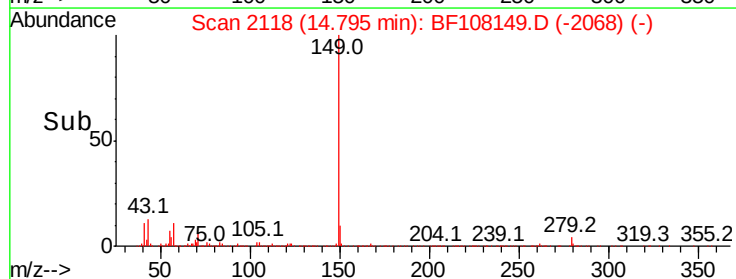
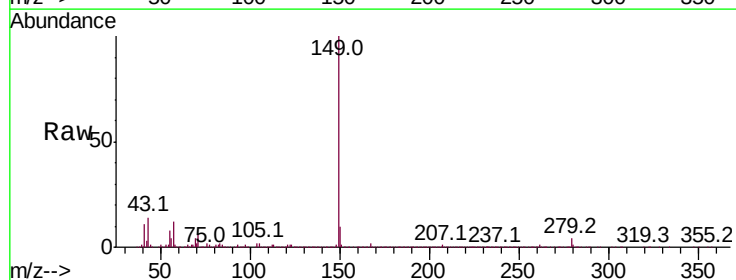
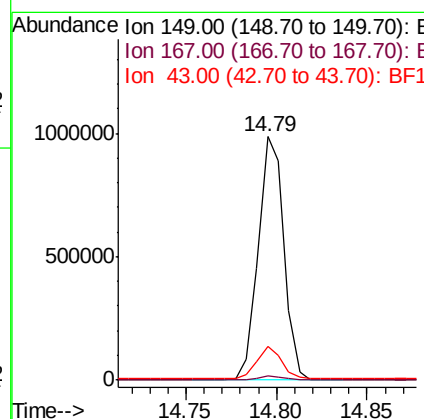
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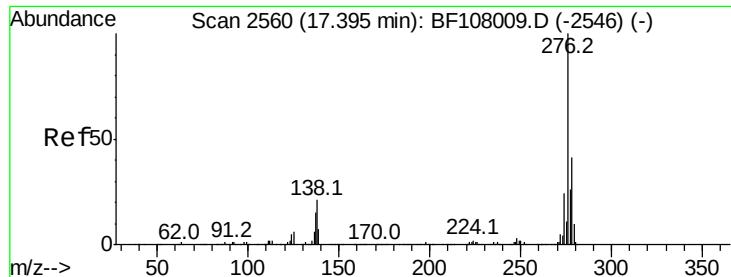
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#84
 Di-n-octyl phthalate
 Concen: 42.225 ng
 RT: 14.79 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: BF108149.D
 Acq: 14 Aug 2018 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.6	1.2	1.8	
43	12.1	8.4	12.6	





#85

Indeno(1,2,3-cd)pyrene

Concen: 24.568 ng

RT: 17.41 min Scan# 2562

Delta R.T. 0.01 min

Lab File: BF108149.D

Acq: 14 Aug 2018 17:14

Instrument :

BNA_F

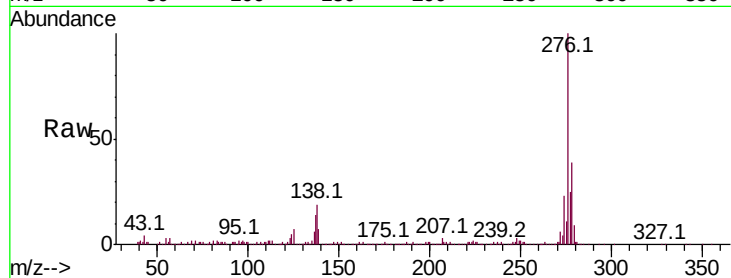
ClientSampleId :

RA-080918-FL-001MS

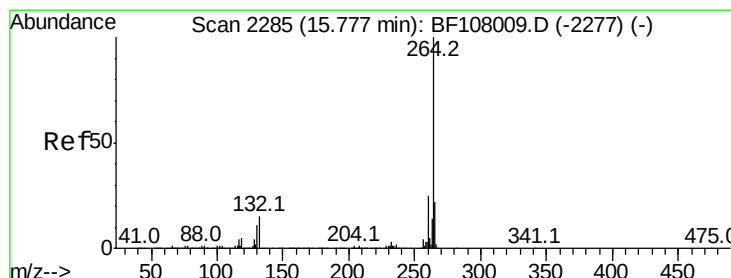
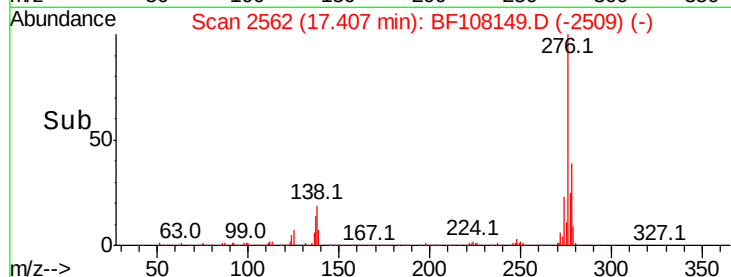
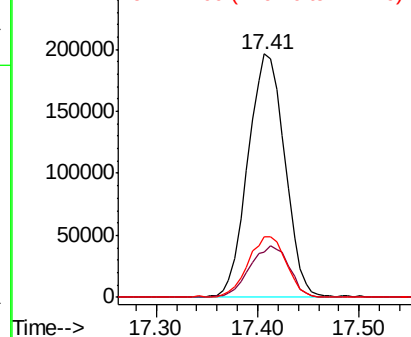
Tot Ion:	276	Resp:	491954
Ion Ratio	Lower	Upper	
276	100		
138	23.1	25.0	37.6#
277	25.4	20.1	30.1

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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

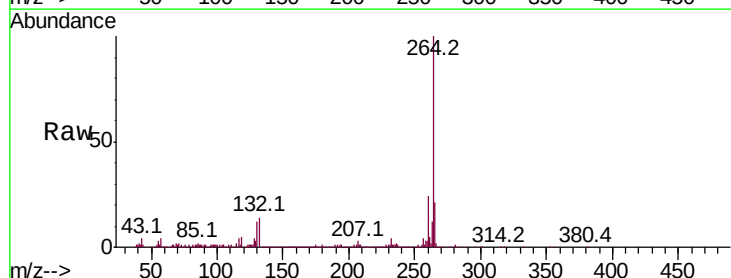
RT: 15.78 min Scan# 2286

Delta R.T. 0.01 min

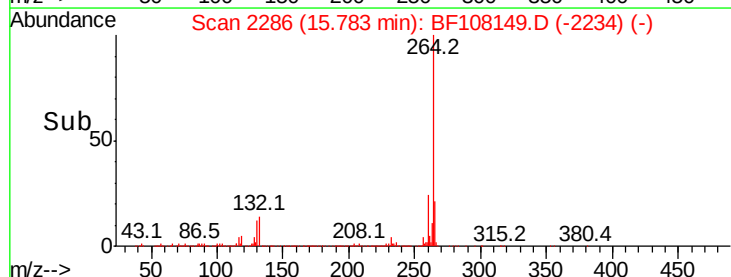
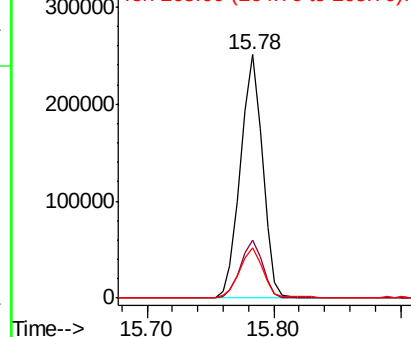
Lab File: BF108149.D

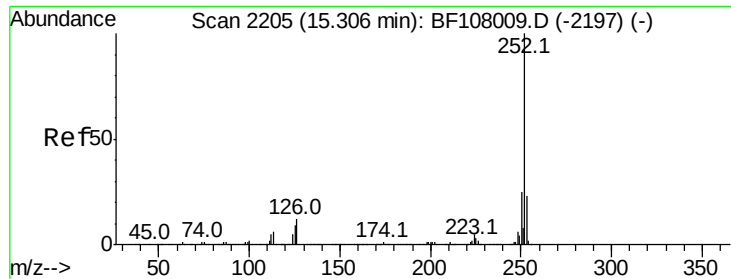
Acq: 14 Aug 2018 17:14

Tgt Ion:	264	Resp:	303061
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.2	28.8
265	20.9	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: 39.702 ng/mL

RT: 15.31 min Scan# 2206

Delta R.T. 0.01 min

Lab File: BF108149.D

Acq: 14 Aug 2018 17:14

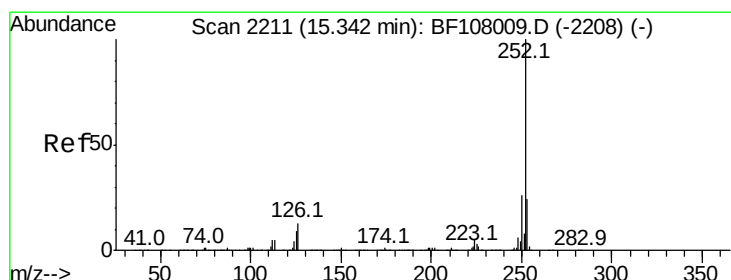
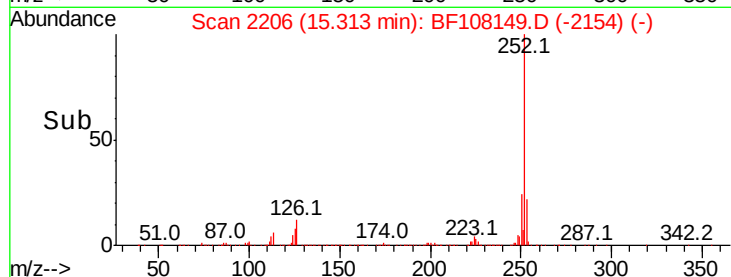
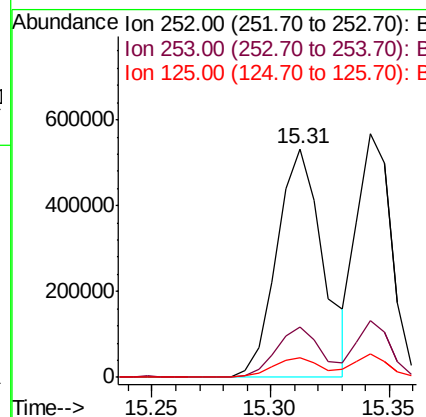
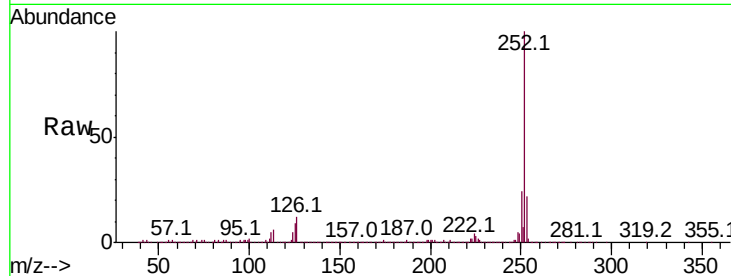
Instrument :
BNA_F

Client Sample ID :
RA-080918-FL-001MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	8.7	9.0	13.6

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#88

Benzo(k)fluoranthene

Concen: 34.675 ng/mL

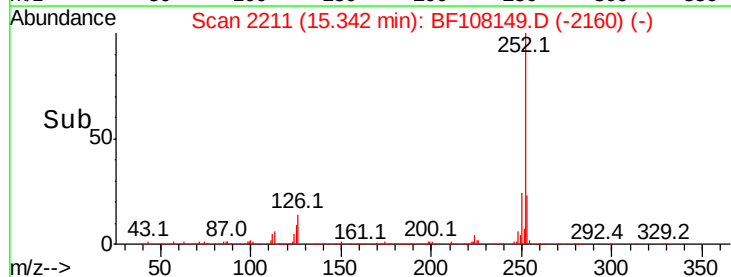
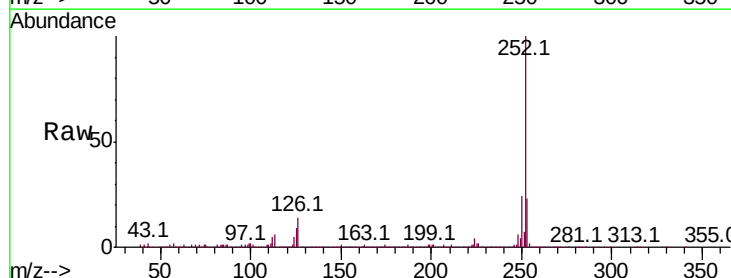
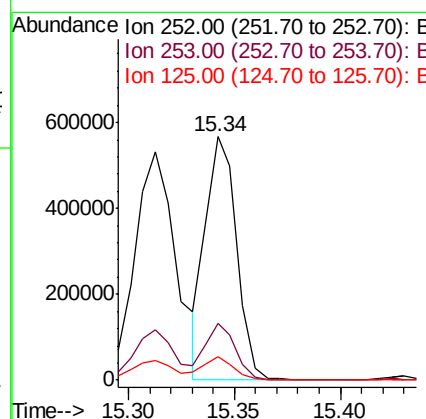
RT: 15.34 min Scan# 2211

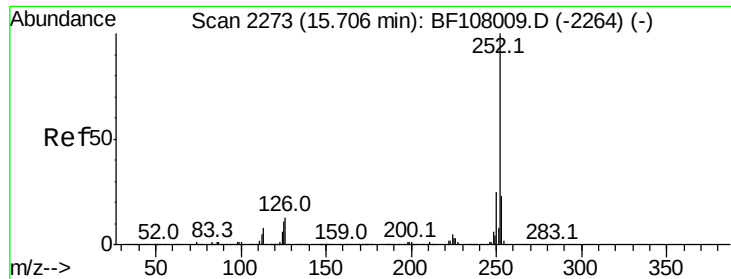
Delta R.T. 0.00 min

Lab File: BF108149.D

Acq: 14 Aug 2018 17:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	9.4	10.2	15.2





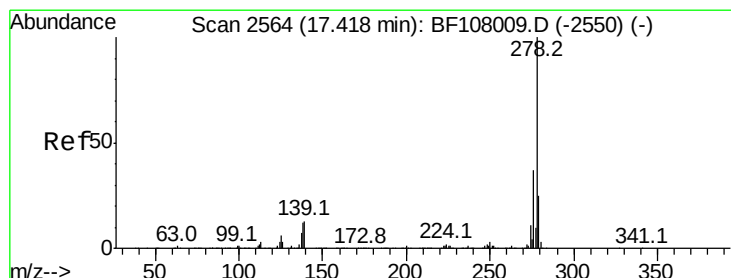
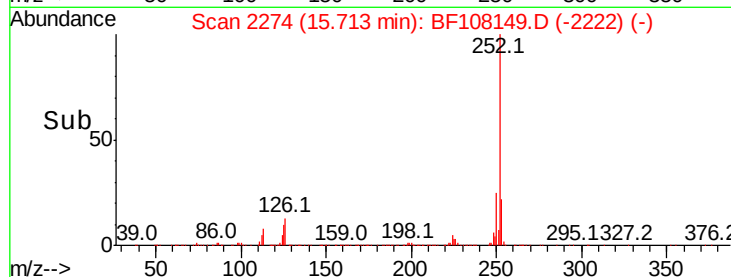
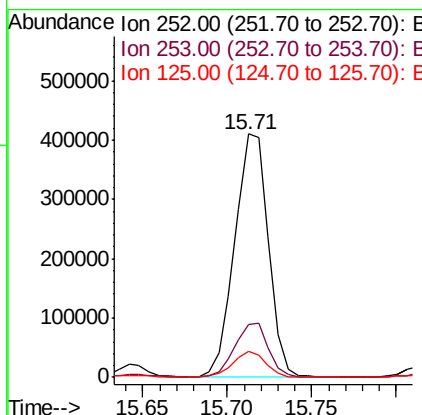
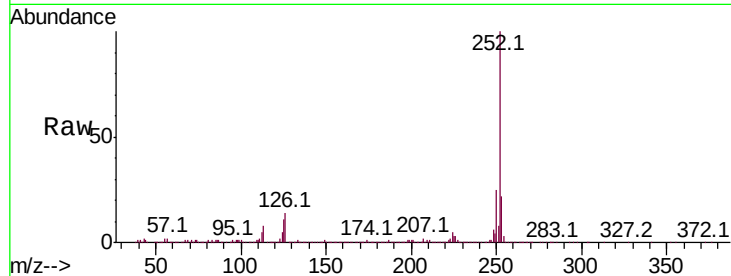
#89
Benzo(a)pyrene
Concen: 35.130 ng
RT: 15.71 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF108149.D
Acq: 14 Aug 2018 17:14

Instrument :
BNA_F
ClientSampleId :
RA-080918-FL-001MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	10.6	9.8	14.6

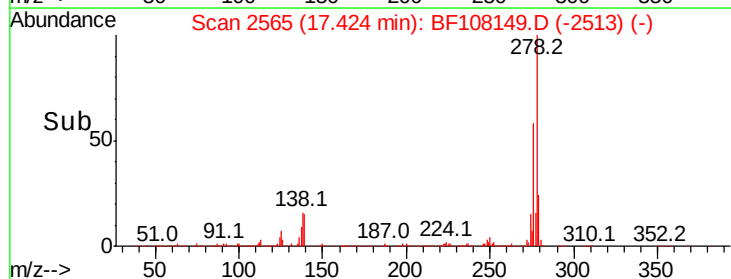
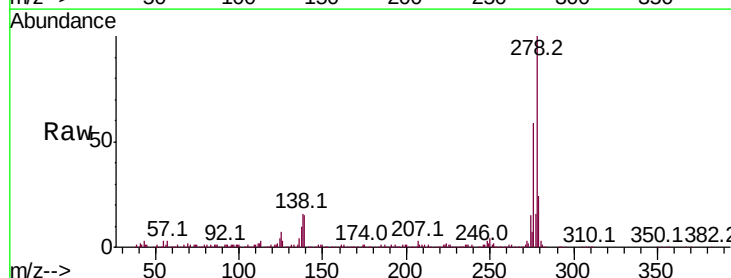
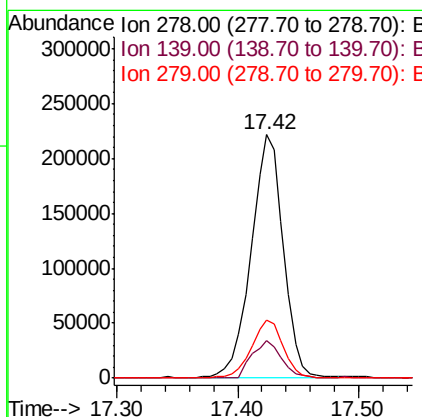
Manual Integrations
APPROVED

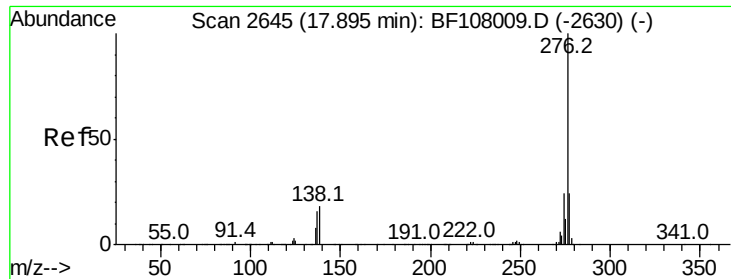
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 30.312 ng
RT: 17.42 min Scan# 2565
Delta R.T. 0.01 min
Lab File: BF108149.D
Acq: 14 Aug 2018 17:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.2	15.9	23.9#
279	23.9	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 31.257 ng
 RT: 17.91 min Scan# 2647
 Delta R.T. 0.01 min
 Lab File: BF108149.D
 Acq: 14 Aug 2018 17:14

Instrument :
 BNA_F
 ClientSampleId :
 RA-080918-FL-001MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.8	17.9	26.9
138	20.1	21.8	32.8

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