

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
 Data File : BF108708.D
 Acq On : 31 Aug 2018 23:51
 Operator : JU/SJ
 Sample : J4535-04MSDRE
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RA-081618-FL-036MSDRE

Manual Integrations
 APPROVED

Sohil
 9/4/2018 3:53:44 PM

Quant Time: Sep 04 06:00:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 30 15:06:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	78941	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	287933	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	121767	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	244868	20.00	ng	0.00
75) Chrysene-d12	14.19	240	215762	20.00	ng	0.00
86) Perylene-d12	15.75	264	148451	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	330311	72.69	ng	0.00
7) Phenol-d6	6.64	99	499571	76.76	ng	-0.01
23) Nitrobenzene-d5	7.57	82	356875	62.91	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	129395	80.50	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	575201	63.51	ng	0.00
78) Terphenyl-d14	13.12	244	657145	59.18	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.91	88	53503	25.335	ng	94
3) Pyridine	3.72	79	93011	19.062	ng	88
4) n-Nitrosodimethylamine	3.70	42	48565m	19.953	ng	
6) Aniline	6.69	93	128778	18.337	ng	# 83
8) 2-Chlorophenol	6.79	128	155145	27.923	ng	91
9) Benzaldehyde	6.65	77	77594m	19.289	ng	
10) Phenol	6.65	94	146979	19.366	ng	77
11) bis(2-Chloroethyl)ether	6.73	93	184528	27.611	ng	98
12) 1,3-Dichlorobenzene	6.94	146	172705	26.809	ng	98
13) 1,4-Dichlorobenzene	7.02	146	202456	28.791	ng	98
14) 1,2-Dichlorobenzene	7.17	146	187906	29.095	ng	98
15) Benzyl Alcohol	7.21	79	85859	18.339	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.26	45	286026	27.898	ng	73
17) 2-Methylphenol	7.26	107	108883	25.205	ng	# 55
18) Hexachloroethane	7.50	117	57940	23.958	ng	95
19) n-Nitroso-di-n-propylamine	7.40	70	119070	27.319	ng	93
20) 3+4-Methylphenols	7.42	107	113704	21.008	ng	# 22
22) Acetophenone	7.41	105	228381	31.773	ng	# 92
24) Nitrobenzene	7.58	77	154948	26.939	ng	92
25) Isophorone	7.81	82	305506	32.421	ng	97
26) 2-Nitrophenol	7.91	139	48782	18.735	ng	# 86
27) 2,4-Dimethylphenol	7.93	122	117484	31.024	ng	96
28) bis(2-Chloroethoxy)methane	8.02	93	178950	30.062	ng	98
29) 2,4-Dichlorophenol	8.15	162	110947	24.695	ng	99
30) 1,2,4-Trichlorobenzene	8.22	180	146909	29.242	ng	98
31) Naphthalene	8.31	128	467160	34.063	ng	99
32) Benzoic acid	8.09	122	13597m	5.599	ng	
33) 4-Chloroaniline	8.37	127	145838	24.089	ng	95
34) Hexachlorobutadiene	8.41	225	97074	29.428	ng	97
35) Caprolactam	8.71	113	26102	21.804	ng	# 81
36) 4-Chloro-3-methylphenol	8.84	107	116326	24.125	ng	98
37) 2-Methylnaphthalene	9.00	142	270048	29.103	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	144385	33.400	ng	# 96
40) Hexachlorocyclopentadiene	9.14	237	6208	10.124	ng	96

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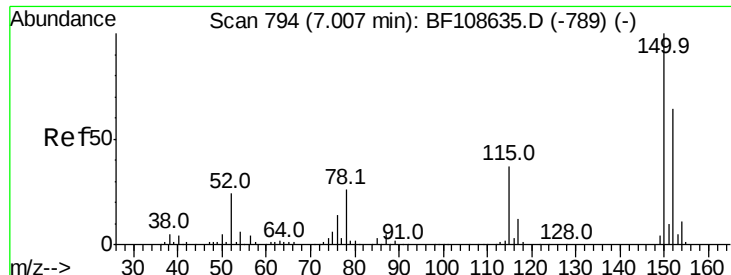
Manual Integrations
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 9/4/2018 3:53:44 PM

Quant Time: Sep 04 06:00:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 30 15:06:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	67438	26.343	nq	95
43) 2,4,5-Trichlorophenol	9.33	196	91935	30.797	nq	96
45) 1,1'-Biphenyl	9.46	154	341308	32.197	nq	96
46) 2-Chloronaphthalene	9.49	162	250539	30.189	nq	98
47) 2-Nitroaniline	9.61	65	80006	28.824	nq	89
48) Acenaphthylene	9.91	152	386469	31.809	nq	99
49) Dimethylphthalate	9.75	163	341481	35.613	nq	99
50) 2,6-Dinitrotoluene	9.82	165	52435	24.809	nq	# 86
51) Acenaphthene	10.08	154	220828	30.398	nq	99
52) 3-Nitroaniline	10.02	138	68562	29.986	nq	92
54) Dibenzofuran	10.25	168	329312	28.970	nq	96
55) 4-Nitrophenol	10.24	139	31885m	25.318	nq	
56) 2,4-Dinitrotoluene	10.24	165	61952	22.137	nq	# 75
57) Fluorene	10.59	166	264963	30.078	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	79857	29.861	nq	# 77
59) Diethylphthalate	10.45	149	283333	29.329	nq	97
60) 4-Chlorophenyl-phenylether	10.58	204	137329	27.472	nq	93
61) 4-Nitroaniline	10.65	138	66476	30.045	nq	92
62) Azobenzene	10.74	77	253498	26.400	nq	93
65) n-Nitrosodiphenylamine	10.70	169	237586	29.204	nq	96
66) 4-Bromophenyl-phenylether	11.07	248	86562	28.763	nq	90
67) Hexachlorobenzene	11.14	284	89136	27.492	nq	# 85
68) Atrazine	11.22	200	73353	28.243	nq	99
69) Pentachlorophenol	11.35	266	58573	33.997	nq	96
70) Phenanthrene	11.57	178	367777	29.756	nq	99
71) Anthracene	11.62	178	439009	33.804	nq	99
72) Carbazole	11.78	167	376590	29.990	nq	99
73) Di-n-butylphthalate	12.08	149	431841	29.890	nq	99
74) Fluoranthene	12.76	202	468207	33.654	nq	95
76) Benzidine	12.90	184	199387	32.829	nq	98
77) Pyrene	12.99	202	464998	28.669	nq	99
79) Butylbenzylphthalate	13.59	149	201970	29.614	nq	97
80) Benzo(a)anthracene	14.19	228	393019	29.880	nq	99
81) 3,3'-Dichlorobenzidine	14.15	252	149609	31.364	nq	# 98
82) Chrysene	14.22	228	393677	31.122	nq	98
83) Bis(2-ethylhexyl)phthalate	14.14	149	278571	31.777	nq	98
84) Di-n-octyl phthalate	14.76	149	453423	35.179	nq	96
85) Indeno(1,2,3-cd)pyrene	17.38	276	256344	29.145	nq	# 89
87) Benzo(b)fluoranthene	15.28	252	266966	29.275	nq	# 97
88) Benzo(k)fluoranthene	15.32	252	312022	34.540	nq	# 95
89) Benzo(a)pyrene	15.69	252	259662	31.508	nq	# 96
90) Dibenzo(a,h)anthracene	17.39	278	216915	32.956	nq	# 93
91) Benzo(g,h,i)perylene	17.87	276	210016	32.830	nq	# 90

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



#1

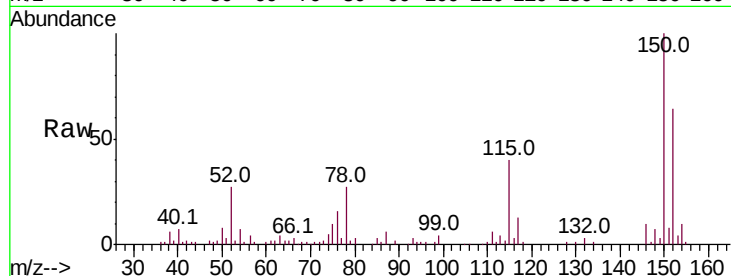
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-036MSDRE

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.6	186.8
115	61.9	50.1	75.1

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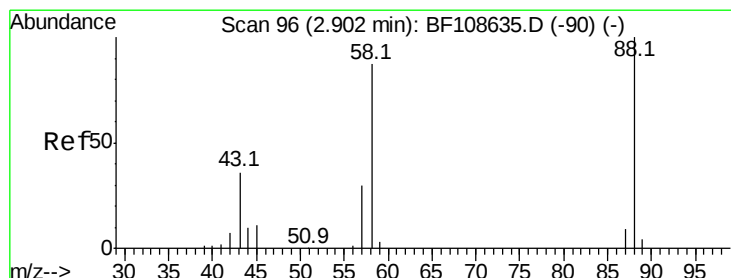
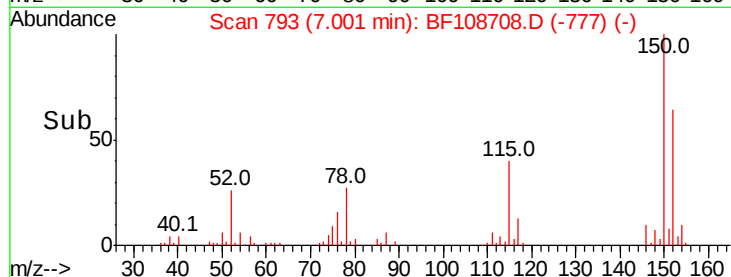
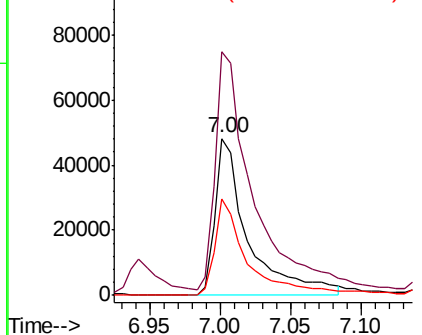


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

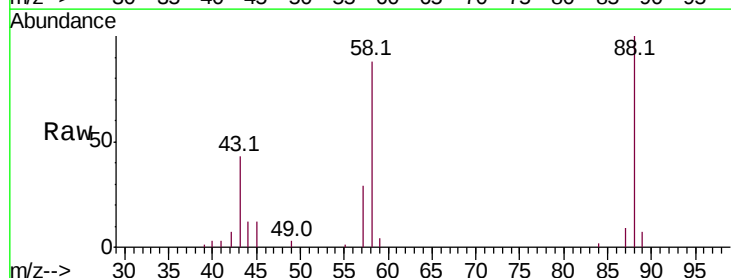
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 25.335 ng
RT: 2.91 min Scan# 98
Delta R.T. 0.01 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.1	62.6	93.8
43	32.3	24.6	37.0

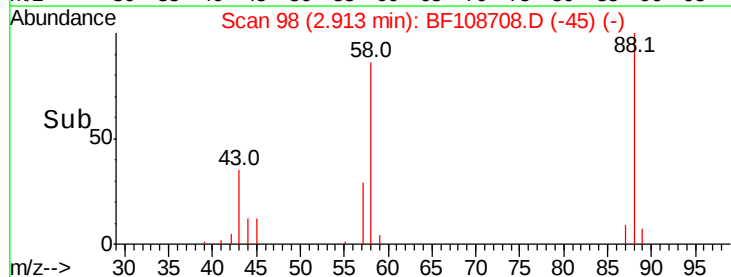
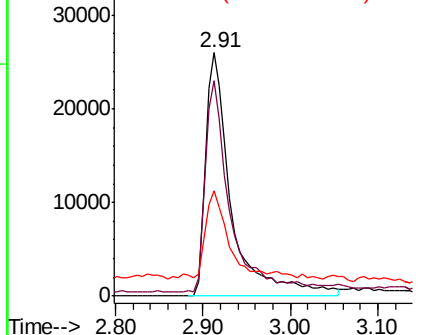


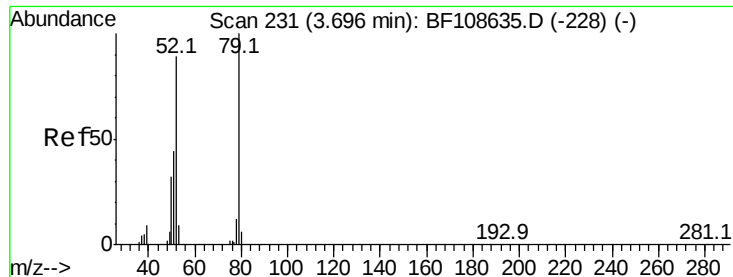
Abundance

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: 19.062 ng

RT: 3.72 min Scan# 236

Delta R.T. 0.03 min

Lab File: BF108708.D

Acq: 31 Aug 2018 23:51

Instrument :

BNA_F

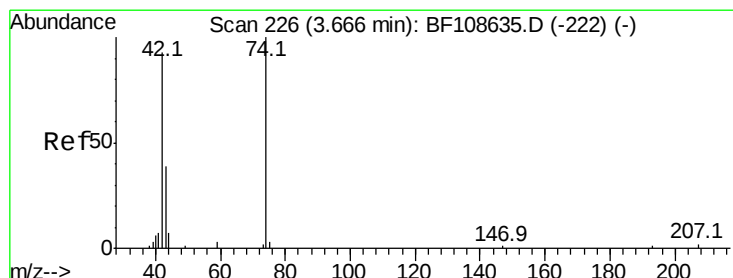
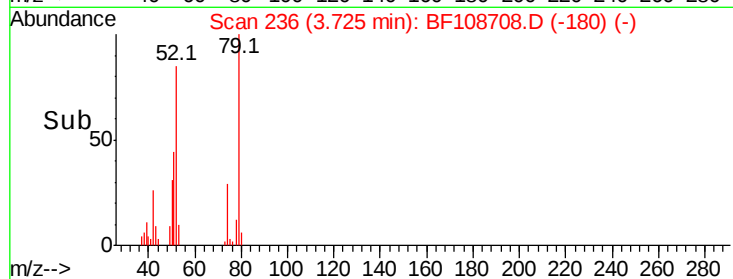
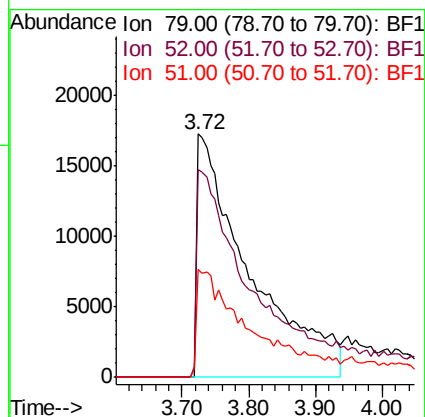
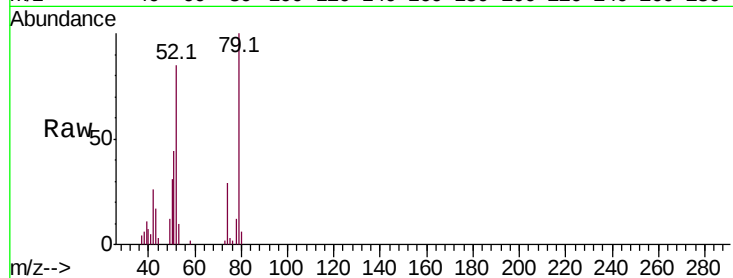
ClientSampleId :

RA-081618-FL-036MSDRE

Tot Ion:	79	Resp:	93011
Ion Ratio	Lower	Upper	
79	100		
52	85.2	59.8	89.6
51	44.2	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 19.953 ng m

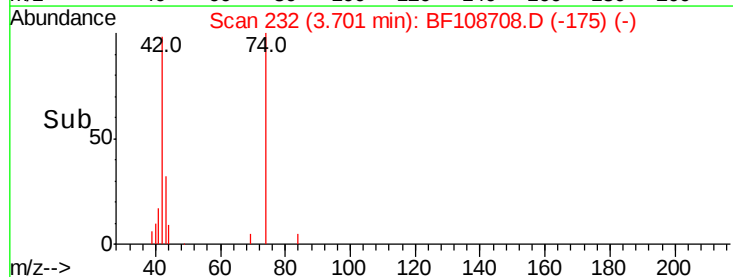
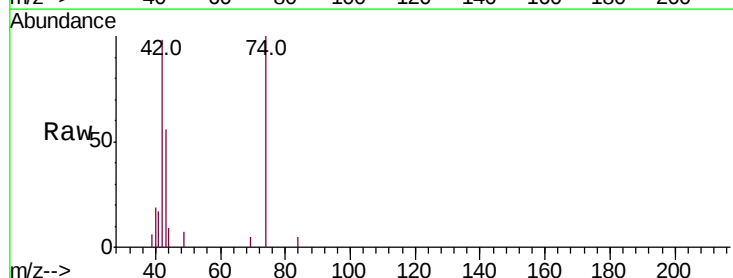
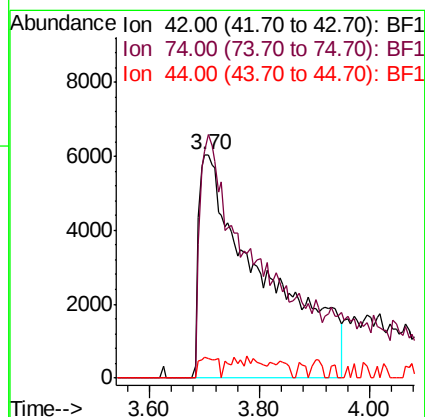
RT: 3.70 min Scan# 232

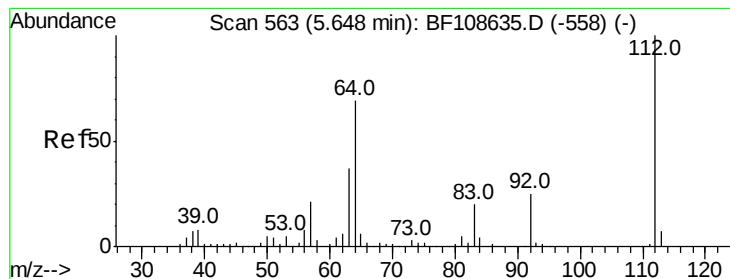
Delta R.T. 0.04 min

Lab File: BF108708.D

Acq: 31 Aug 2018 23:51

Tgt Ion:	42	Resp:	48565
Ion Ratio	Lower	Upper	
42	100		
74	101.6	104.9	157.3#
44	9.1	6.9	10.3





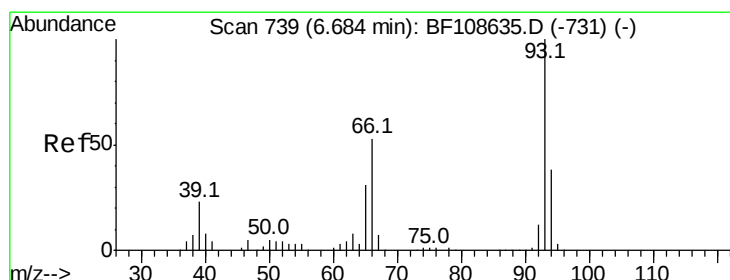
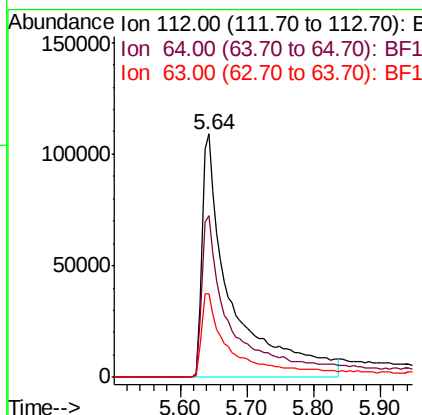
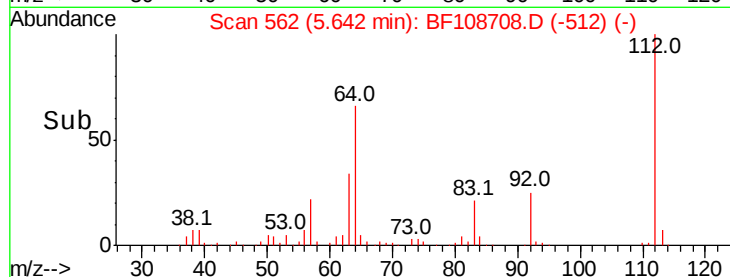
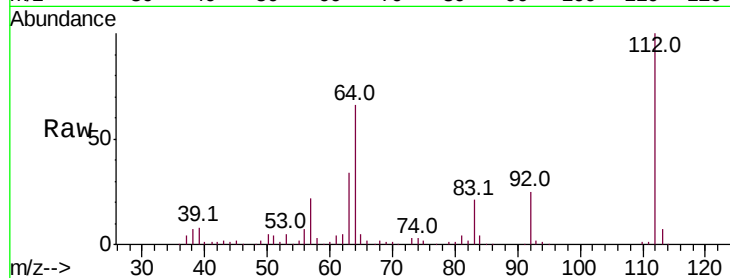
#5
2-Fluorophenol
Concen: 72.689 ng
RT: 5.64 min Scan# 562
Delta R.T. -0.01 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-036MSDRE

Tot Ion	Ratio	Resp	Lower	Upper
112	100	330311		
64	66.3	47.9	71.9	
63	34.5	23.7	35.5	

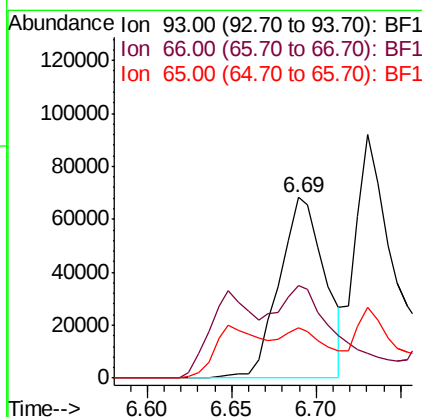
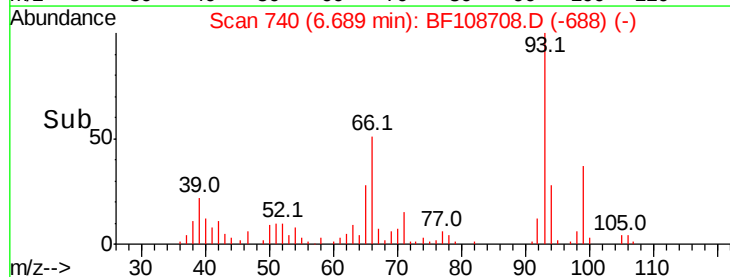
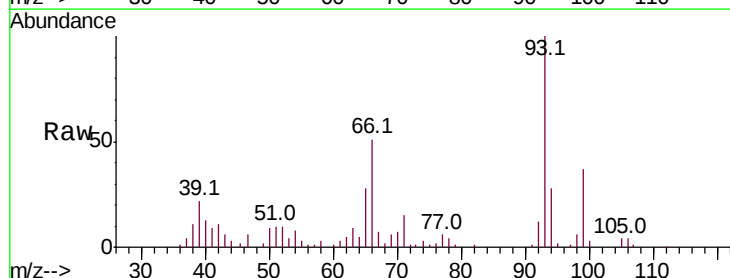
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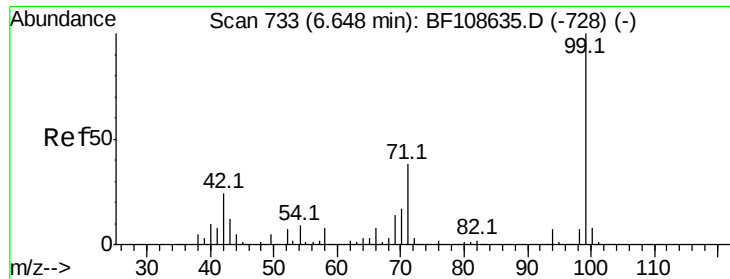
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#6
Aniline
Concen: 18.337 ng
RT: 6.69 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	128778		
66	51.2	32.2	48.2#	
65	27.9	16.4	24.6#	





#7

Phenol-d6

Concen: 76.758 ng

RT: 6.64 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF108708.D

Acq: 31 Aug 2018 23:51

Instrument :

BNA_F

ClientSampleId :

RA-081618-FL-036MSDRE

Tot Ion: 99 Resp: 499571

Ion Ratio Lower Upper

99 100

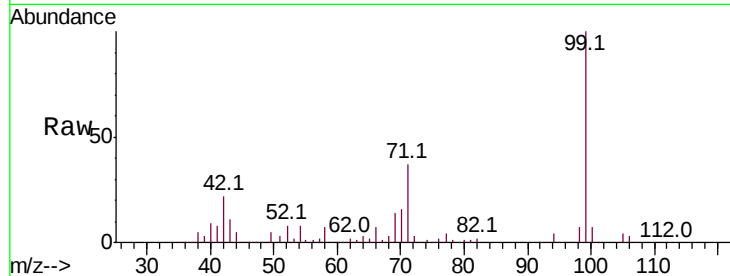
42 22.5 14.5 21.7#

71 36.5 25.4 38.0

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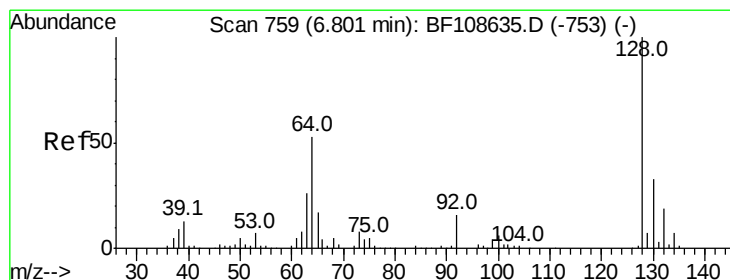
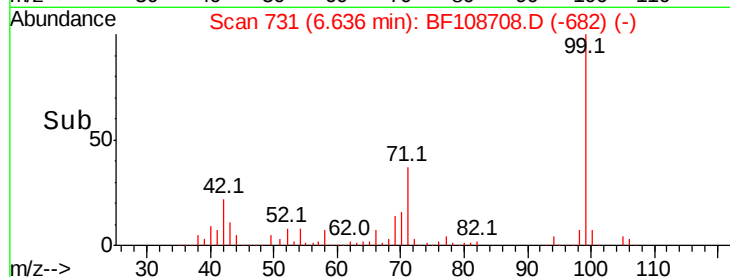
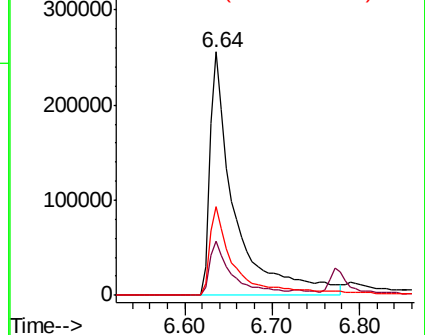
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 27.923 ng

RT: 6.79 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF108708.D

Acq: 31 Aug 2018 23:51

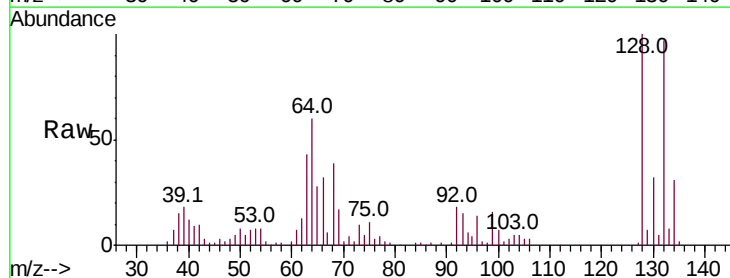
Tgt Ion:128 Resp: 155145

Ion Ratio Lower Upper

128 100

130 32.4 13.0 53.0

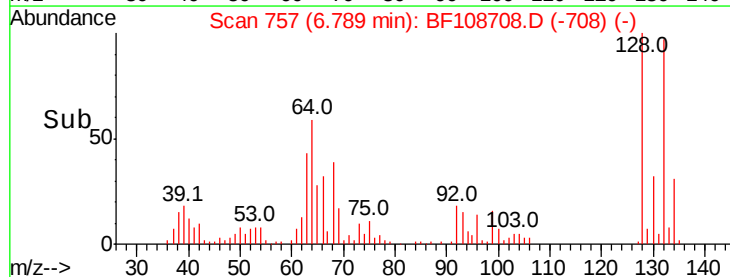
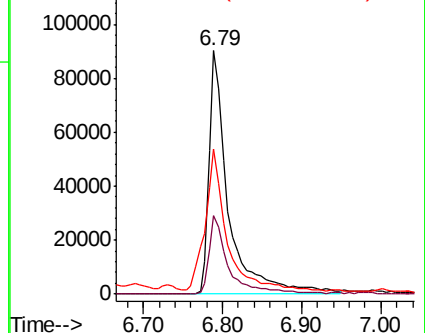
64 59.8 29.4 69.4

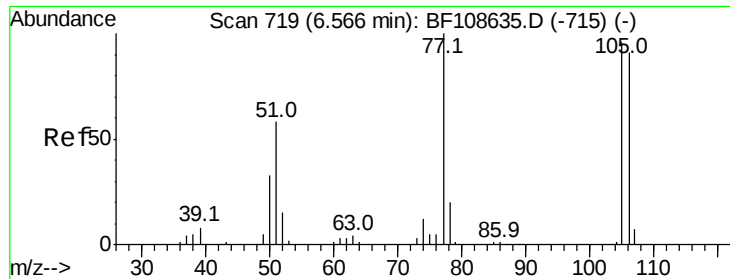


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

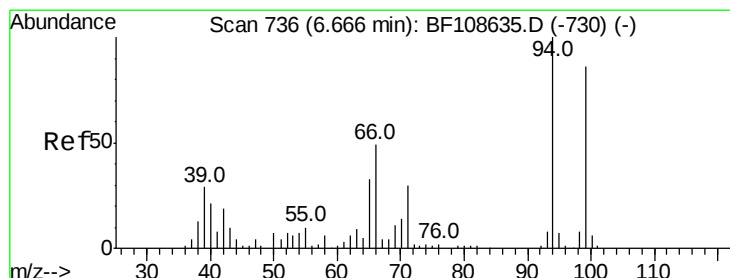
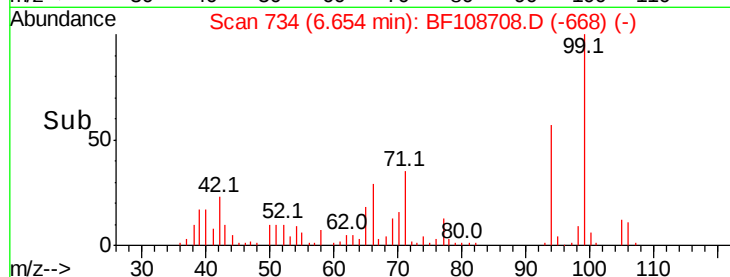
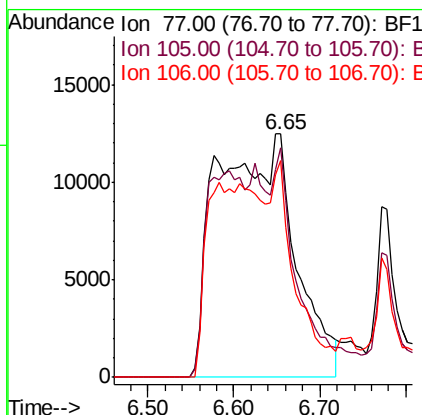
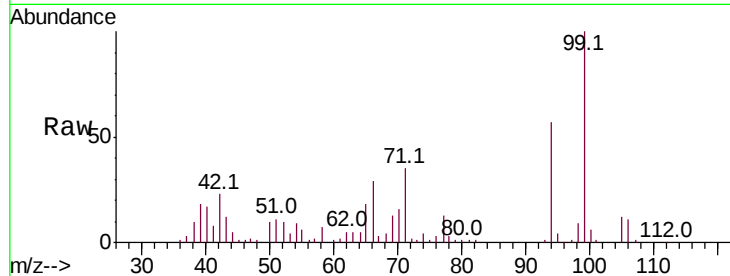
Concen: 19.289 ng/ml
 RT: 6.65 min Scan# 734
 Delta R.T. 0.09 min
 Lab File: BF108708.D
 Acq: 31 Aug 2018 23:51

Instrument :
 BNA_F
 ClientSampleId :
 RA-081618-FL-036MSDRE

Tot Ion	Ratio	Lower	Upper
77	100		
105	94.3	81.1	121.1
106	88.8	74.5	114.5

Manual Integrations
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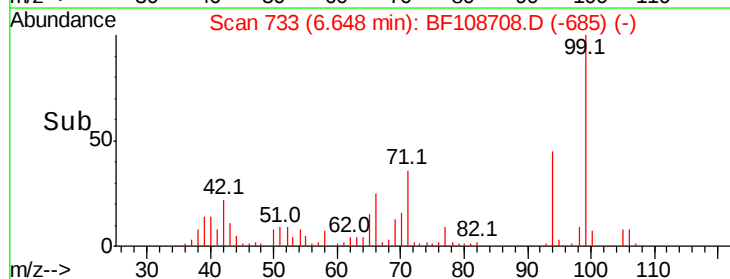
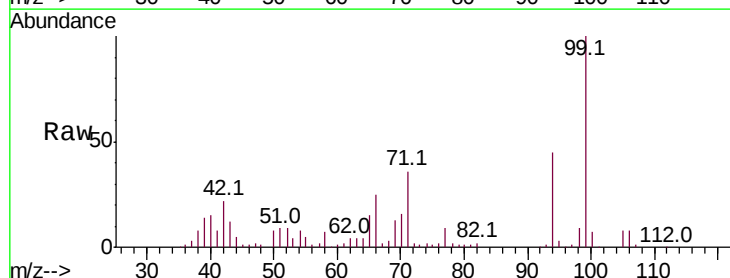
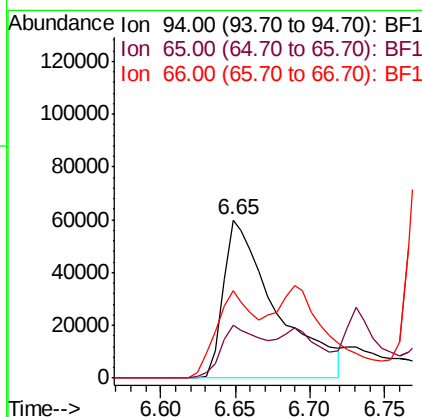


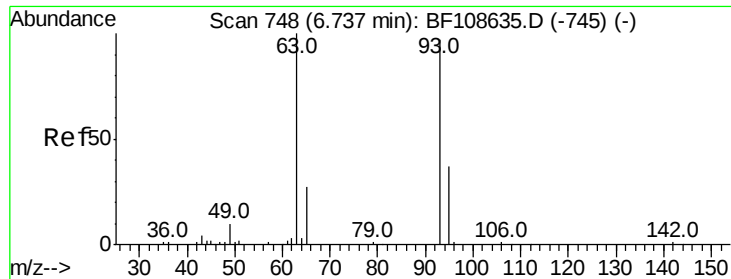
#10

Phenol

Concen: 19.366 ng/ml
 RT: 6.65 min Scan# 733
 Delta R.T. -0.02 min
 Lab File: BF108708.D
 Acq: 31 Aug 2018 23:51

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.6	7.9	47.9
66	55.2	16.2	56.2





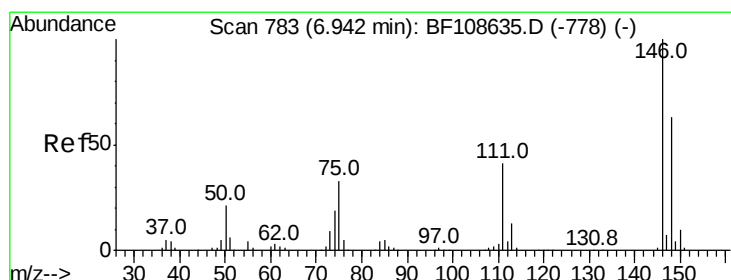
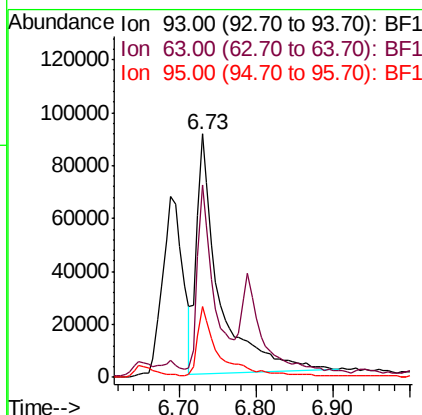
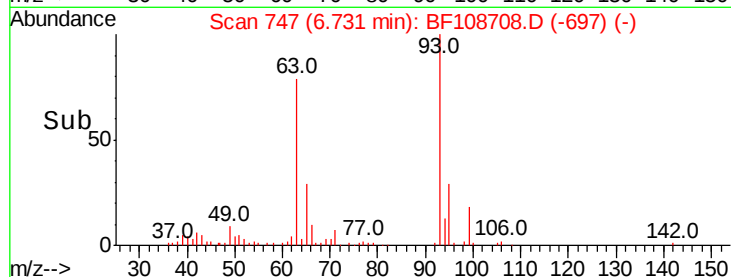
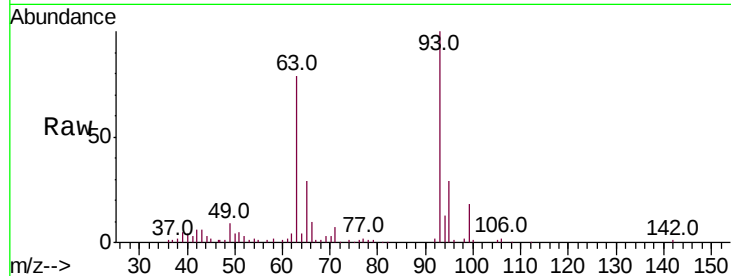
#11
bis(2-Chloroethyl)ether
Concen: 27.611 ng
RT: 6.73 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-036MSDRE

Tot Ion:	93	Resp:	184528
Ion Ratio	Lower	Upper	
93	100		
63	79.1	58.6	98.6
95	29.0	11.8	51.8

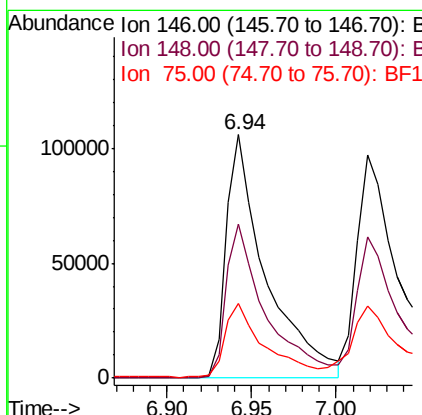
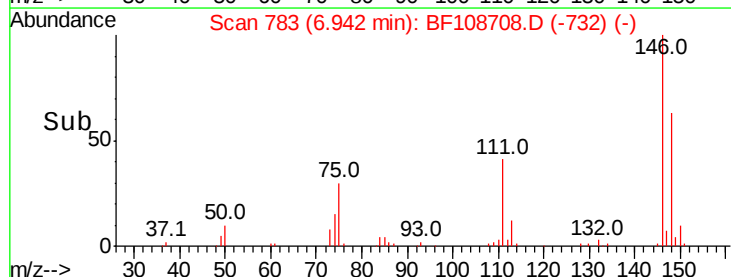
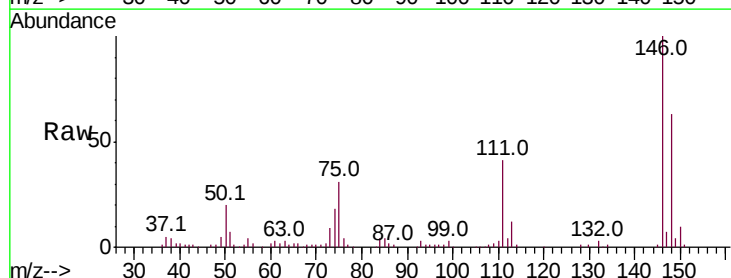
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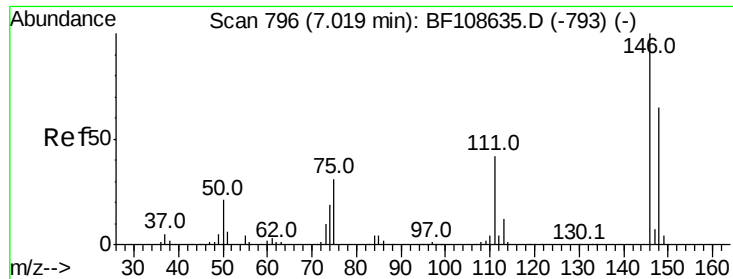
Sohil
9/4/2018 3:53:44 PM



#12
1,3-Dichlorobenzene
Concen: 26.809 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Tgt Ion:	146	Resp:	172705
Ion Ratio	Lower	Upper	
146	100		
148	63.2	51.8	77.8
75	30.6	24.2	36.4





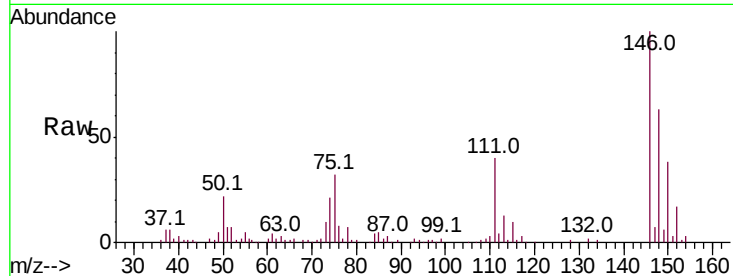
#13
1,4-Dichlorobenzene
Concen: 28.791 ng
RT: 7.02 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-036MSDRE

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.8	76.2
111	39.7	34.2	51.2

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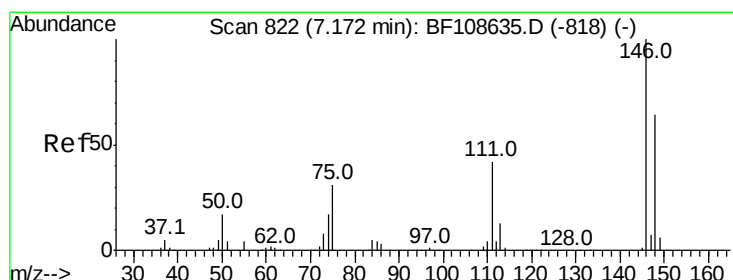
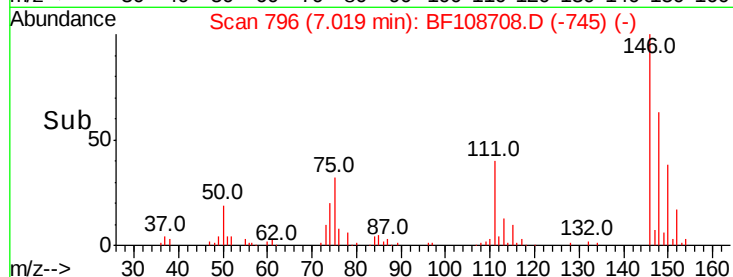
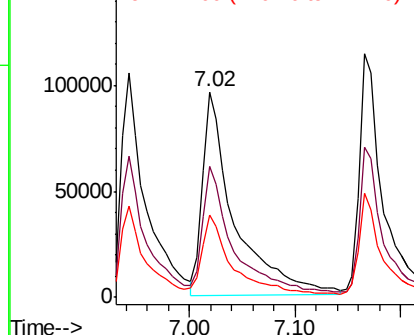


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 29.095 ng
RT: 7.17 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

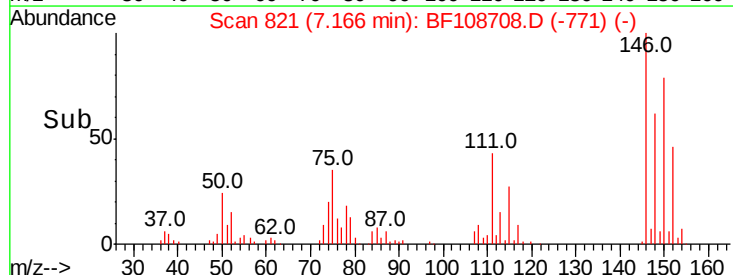
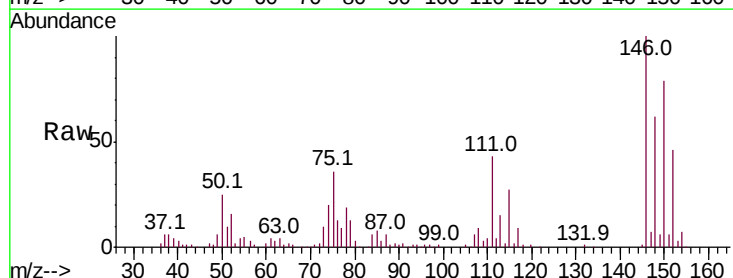
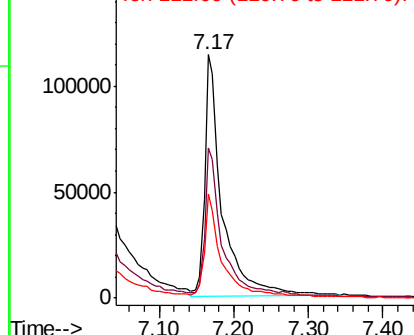
Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.8	50.6	75.8
111	43.0	36.0	54.0

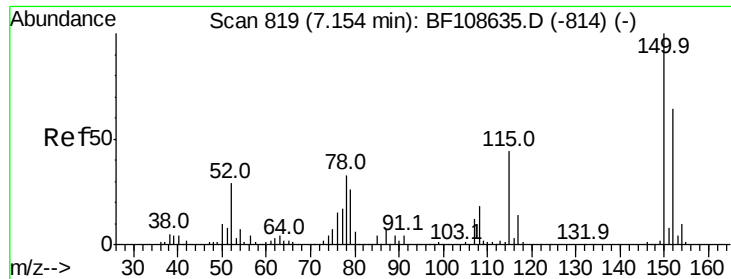
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





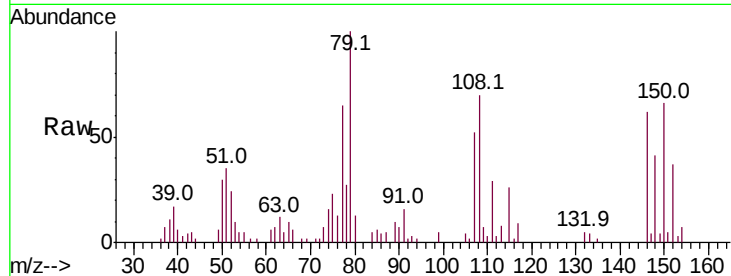
#15
Benzyl Alcohol
Concen: 18.339 ng
RT: 7.21 min Scan# 829
Delta R.T. 0.06 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-036MSDRE

Tot Ion	Ratio	Lower	Upper
79	100		
108	69.7	65.1	97.7
77	65.0	50.6	75.8

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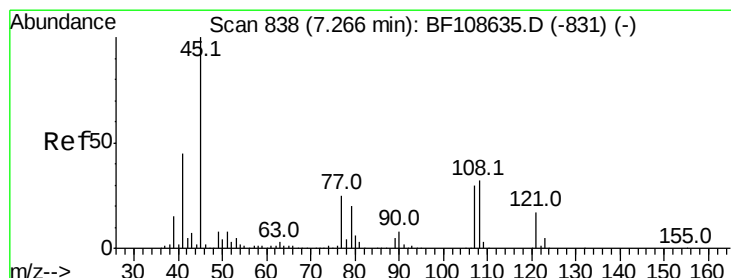
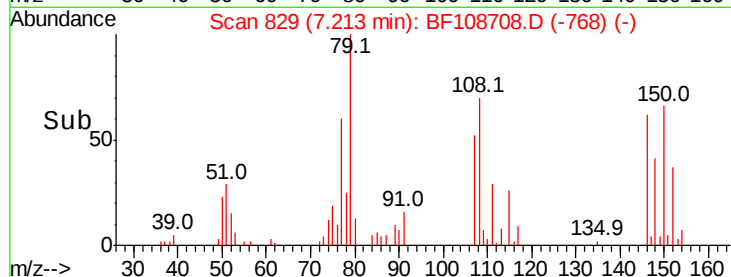
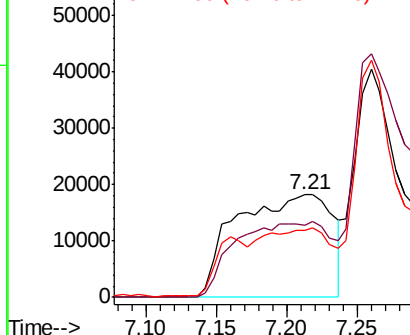


Abundance

Ion 79.00 (78.70 to 79.70): BF1

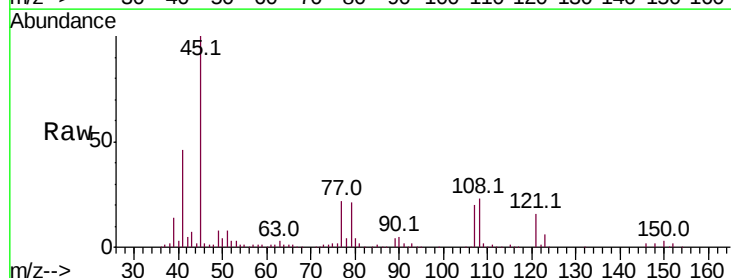
Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 27.898 ng
RT: 7.26 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Tgt Ion	Ratio	Lower	Upper
45	100		
77	22.2	0.0	32.9
79	21.3	0.0	29.6

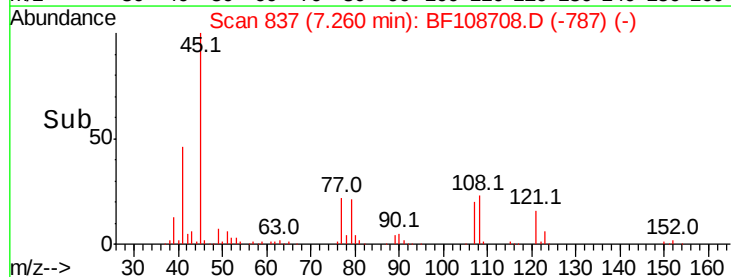
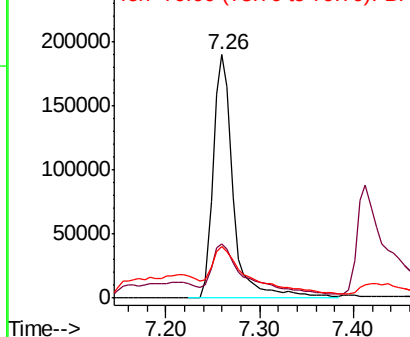


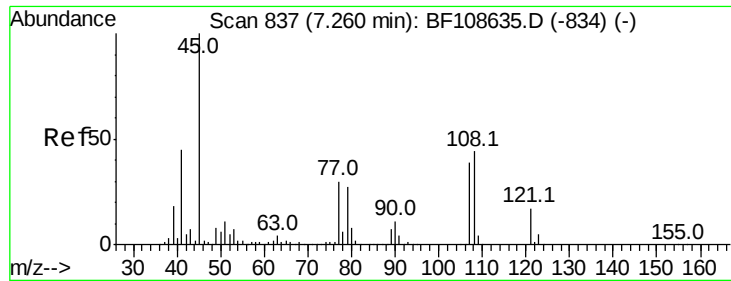
Abundance

Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





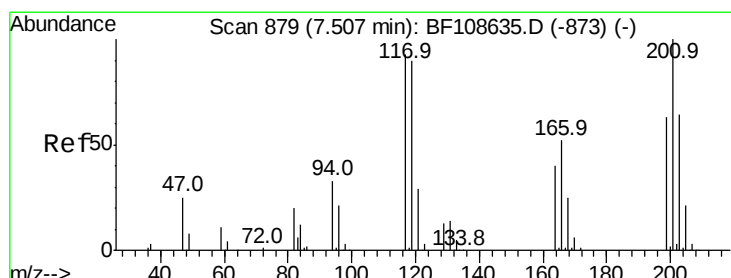
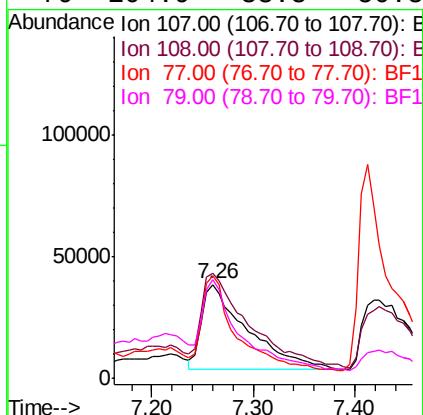
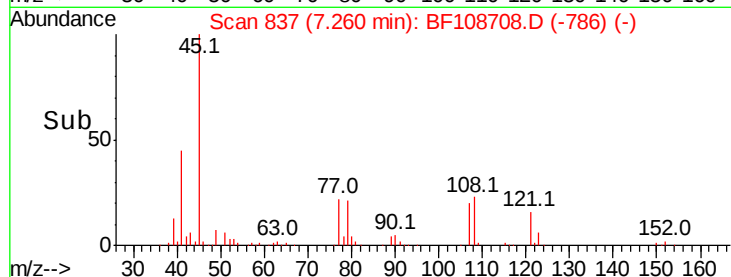
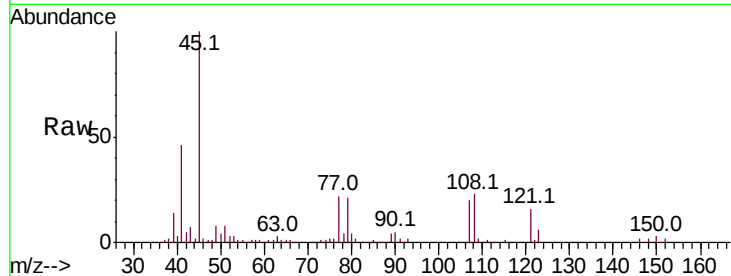
#17
2-Methylphenol
Concen: 25.205 ng
RT: 7.26 min Scan# 837
Delta R.T. -0.00 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-036MSDRE

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.8	91.7	137.5	
77	109.2	33.8	50.8#	
79	104.9	33.8	50.8#	

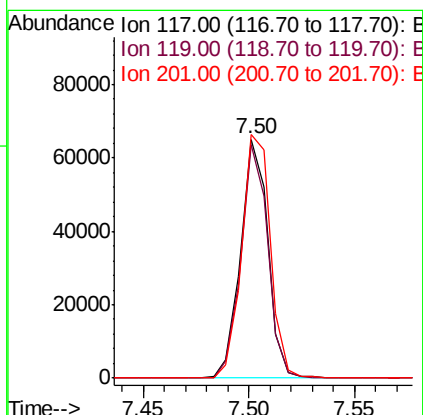
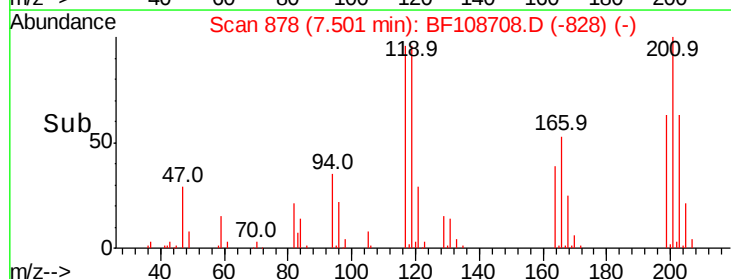
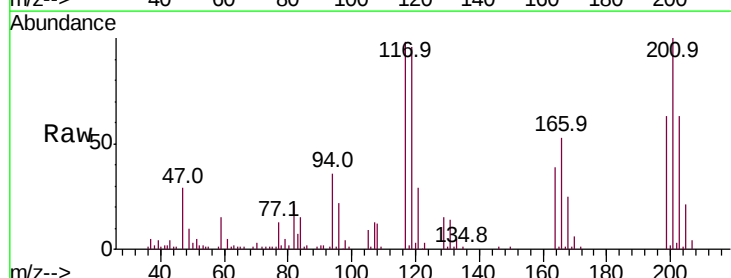
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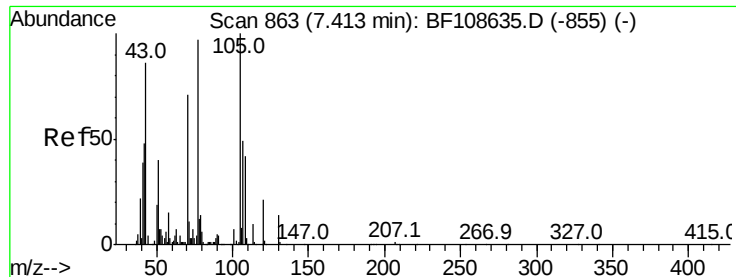
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#18
Hexachloroethane
Concen: 23.958 ng
RT: 7.50 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.5	75.8	113.8	
201	101.9	75.7	113.5	





#19

n-Nitroso-di-n-propylamine

Concen: 27.319 ng

RT: 7.40 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF108708.D

Acq: 31 Aug 2018 23:51

Instrument :

BNA_F

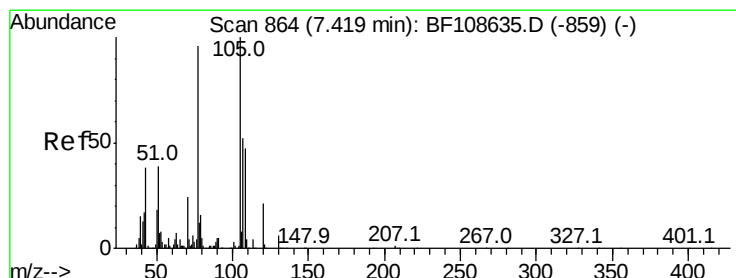
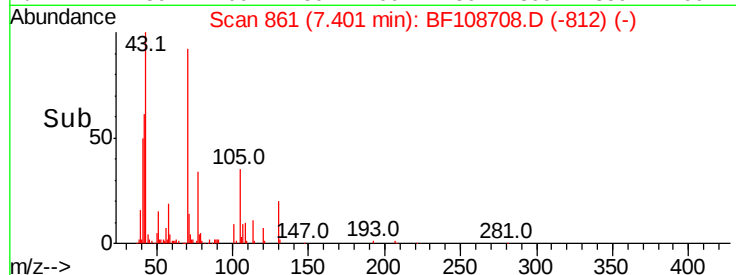
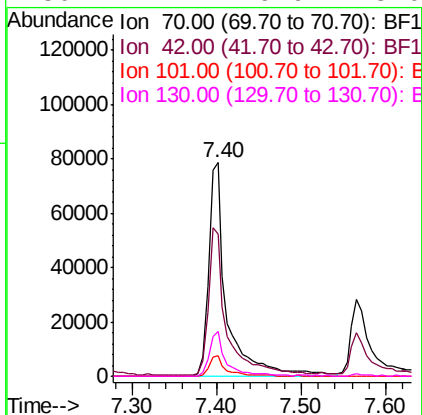
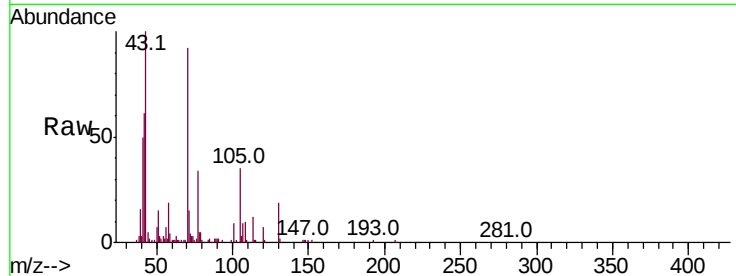
ClientSampleId :

RA-081618-FL-036MSDRE

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	66.8	47.5	71.3	
101	9.7	7.4	11.2	
130	21.1	16.6	25.0	

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#20

3+4-Methylphenols

Concen: 21.008 ng

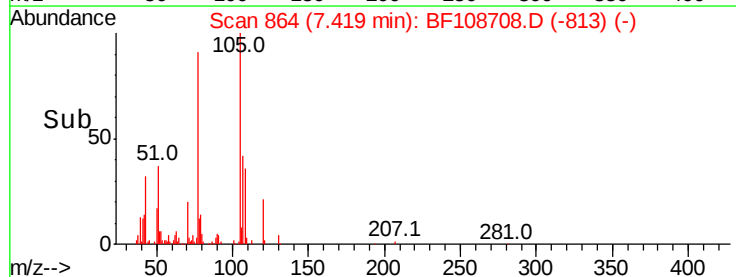
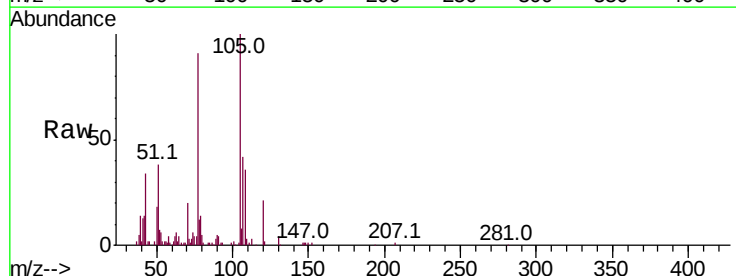
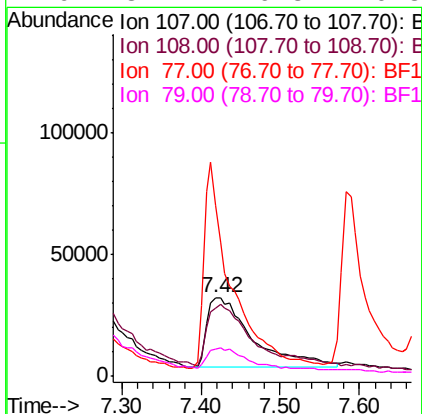
RT: 7.42 min Scan# 864

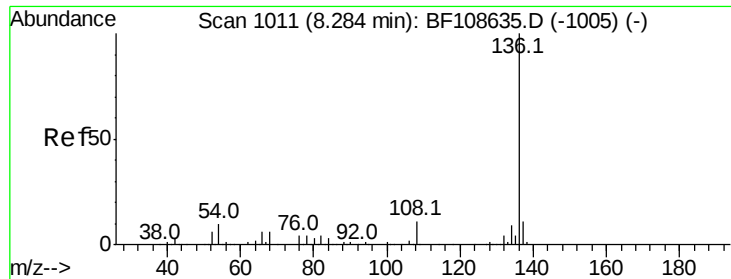
Delta R.T. -0.00 min

Lab File: BF108708.D

Acq: 31 Aug 2018 23:51

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.1	68.2	108.2	
77	218.3	26.7	66.7#	
79	34.4	6.3	46.3	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.28 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BF108708.D

Acq: 31 Aug 2018 23:51

Instrument :

BNA_F

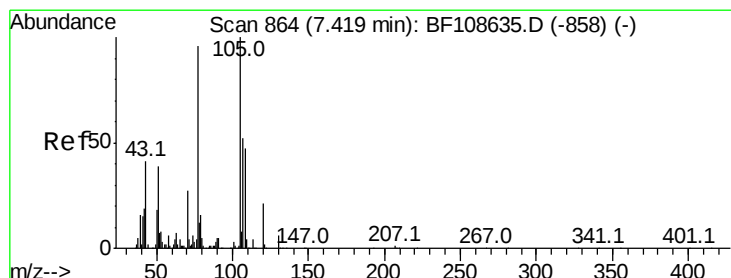
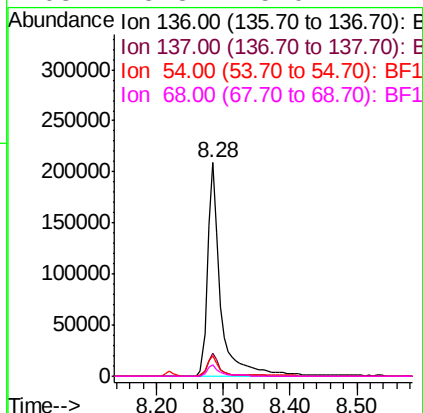
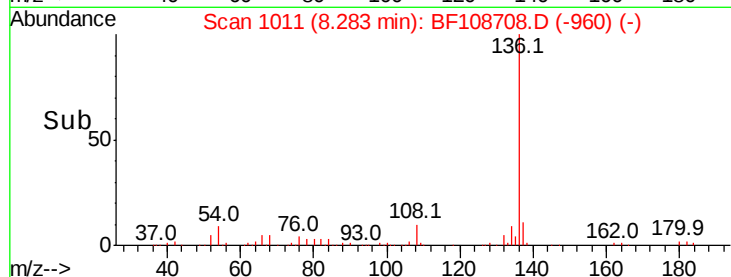
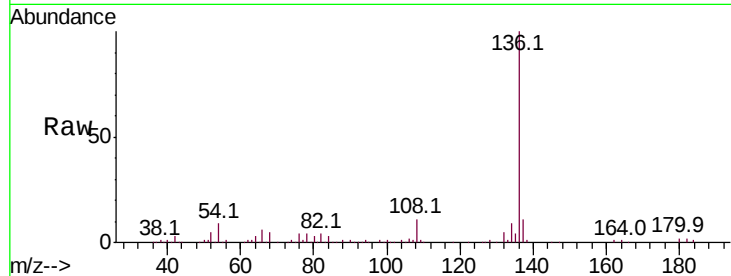
ClientSampleId :

RA-081618-FL-036MSDRE

Tot Ion	Ratio	Resp	Lower	Upper
136	100	287933		
137	10.5		8.9	13.3
54	9.4		6.6	9.8
68	5.3		5.0	7.4

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#22

Acetophenone

Concen: 31.773 ng

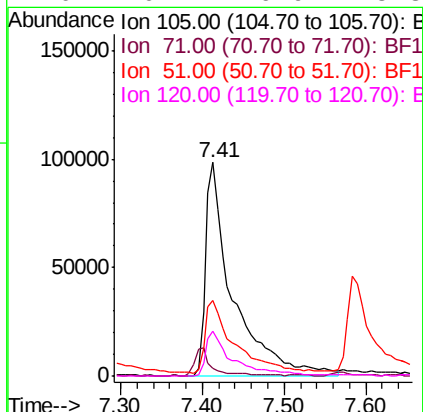
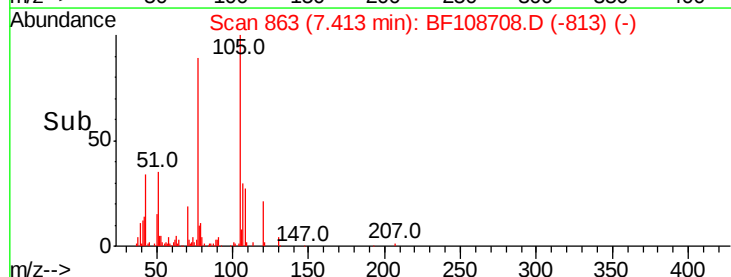
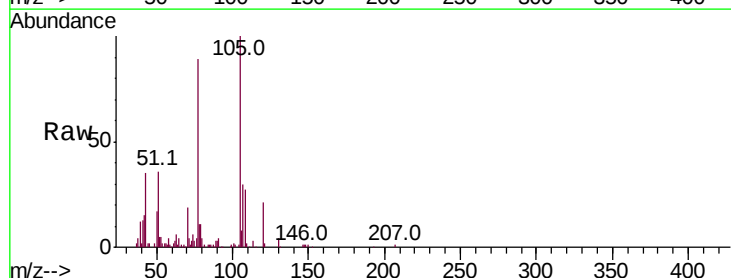
RT: 7.41 min Scan# 863

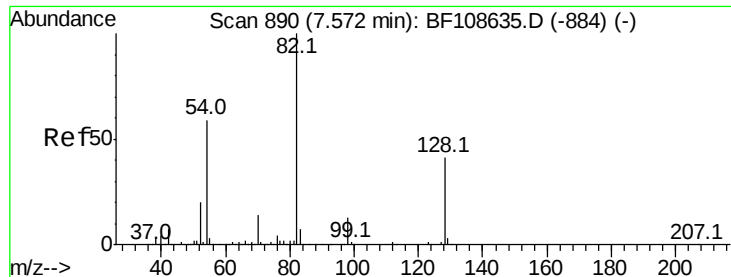
Delta R.T. -0.01 min

Lab File: BF108708.D

Acq: 31 Aug 2018 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	228381		
71	3.6		4.4	6.6#
51	35.5		22.3	33.5#
120	20.7		16.9	25.3





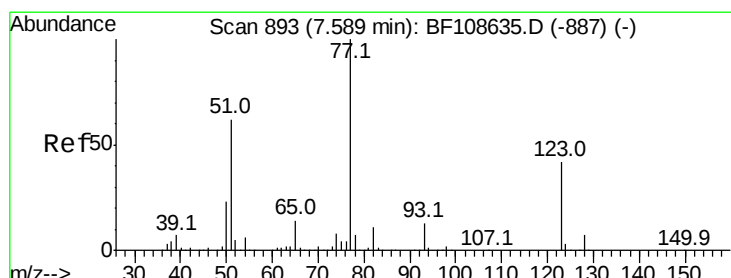
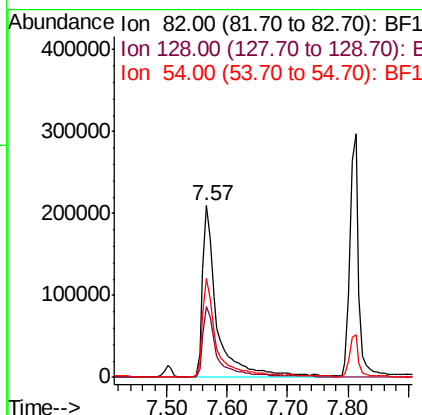
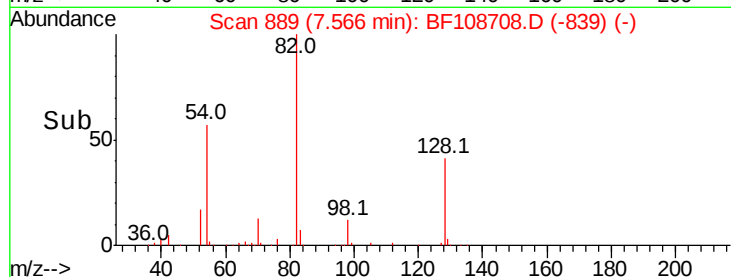
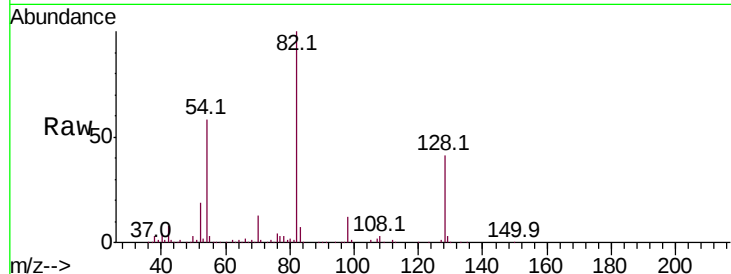
#23
 Nitrobenzene-d5
 Concen: 62.912 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF108708.D
 Acq: 31 Aug 2018 23:51

Instrument :
 BNA_F
 ClientSampleId :
 RA-081618-FL-036MSDRE

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.0	36.1	54.1	
54	58.0	41.4	62.2	

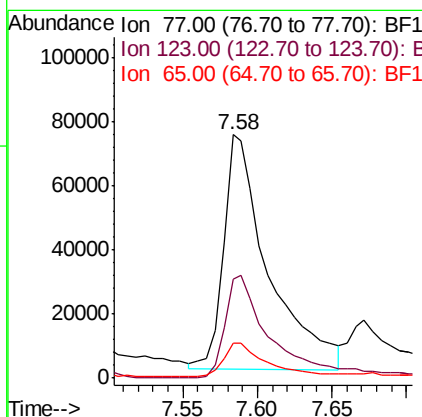
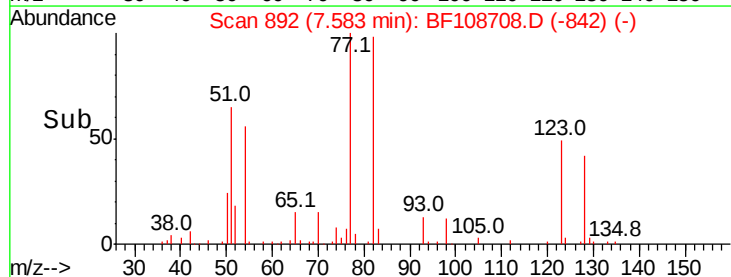
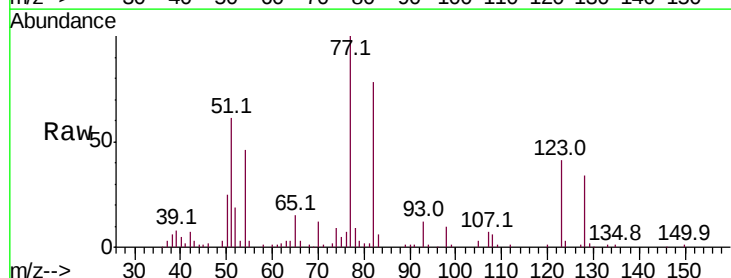
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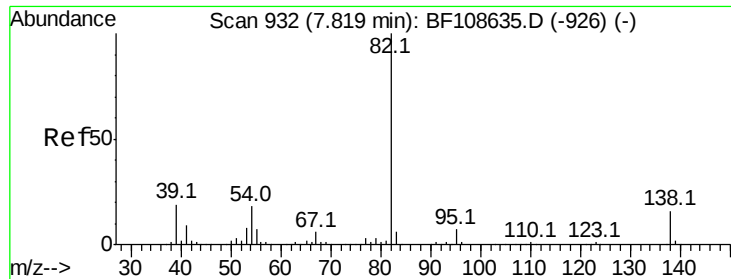
Sohil
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#24
 Nitrobenzene
 Concen: 26.939 ng
 RT: 7.58 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF108708.D
 Acq: 31 Aug 2018 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	40.7	37.9	56.9	
65	14.5	11.0	16.4	





#25

Isophorone

Concen: 32.421 ng

RT: 7.81 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF108708.D

Acq: 31 Aug 2018 23:51

Instrument :

BNA_F

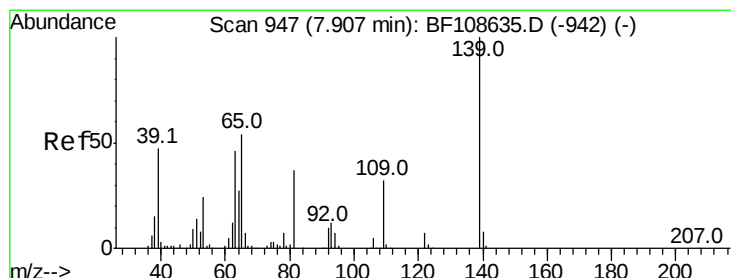
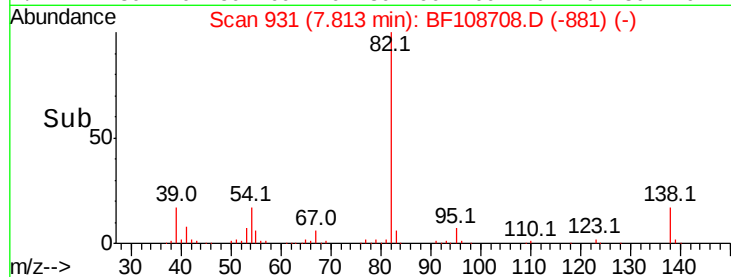
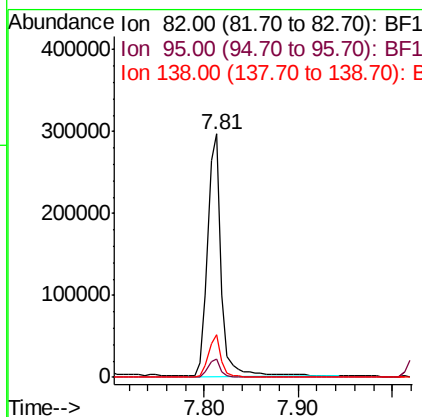
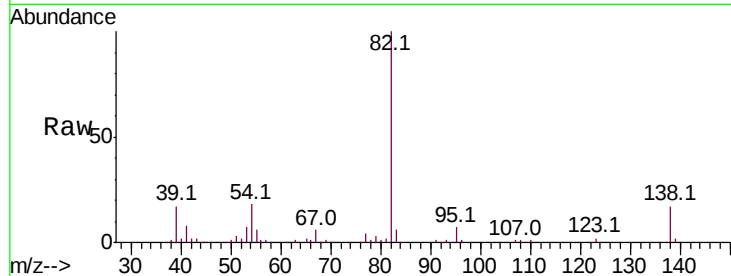
ClientSampleId :

RA-081618-FL-036MSDRE

Tot Ion:	82	Resp:	305506
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.2	7.8
138	17.3	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 18.735 ng

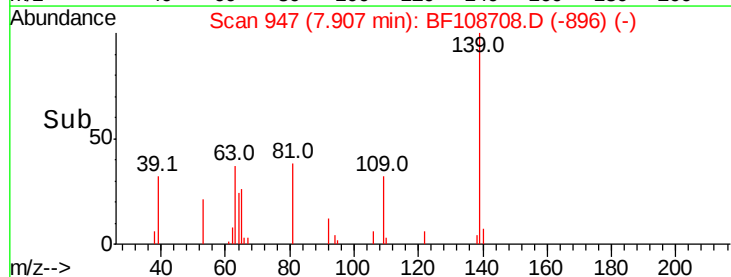
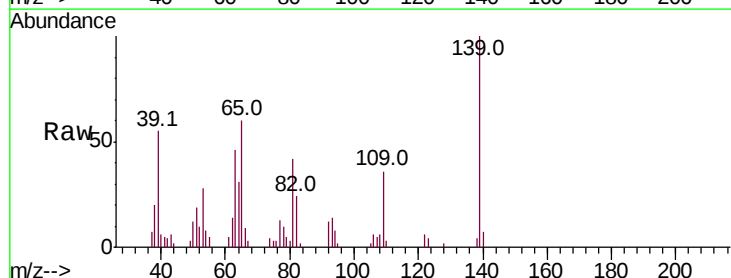
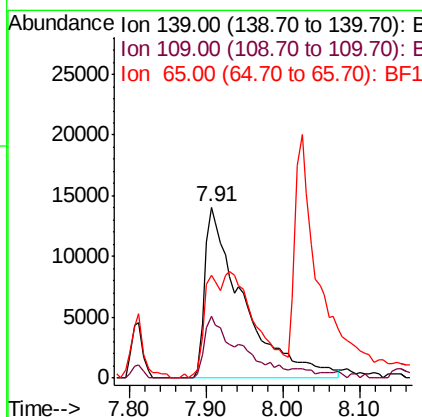
RT: 7.91 min Scan# 947

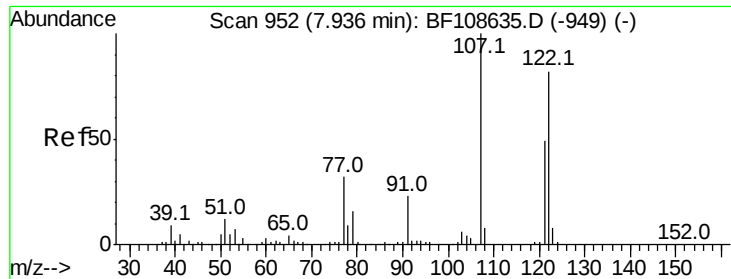
Delta R.T. -0.00 min

Lab File: BF108708.D

Acq: 31 Aug 2018 23:51

Tgt Ion:	139	Resp:	48782
Ion Ratio	Lower	Upper	
139	100		
109	36.5	22.7	34.1#
65	60.3	40.5	60.7





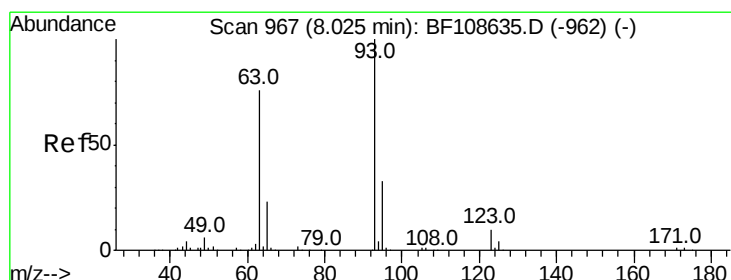
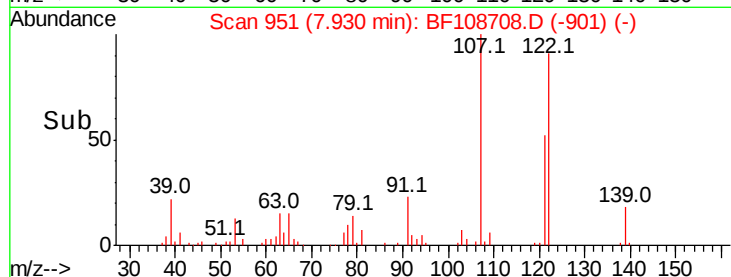
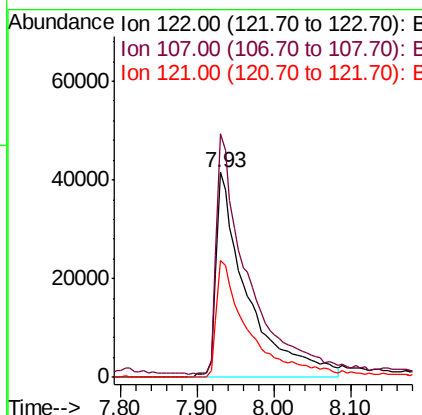
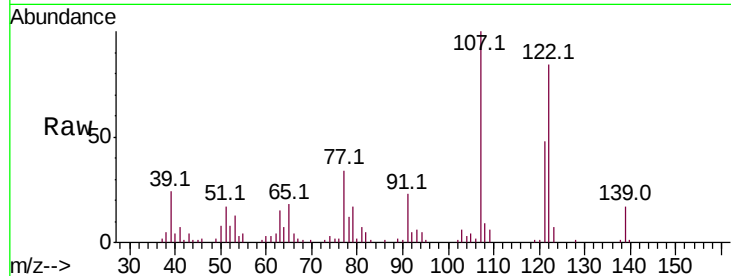
#27
 2,4-Dimethylphenol
 Concen: 31.024 ng
 RT: 7.93 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF108708.D
 Acq: 31 Aug 2018 23:51

Instrument :
 BNA_F
 ClientSampleId :
 RA-081618-FL-036MSDRE

Tot Ion	Ratio	Resp	Lower	Upper
122	100	117484		
107	118.8	91.2	136.8	
121	57.2	47.2	70.8	

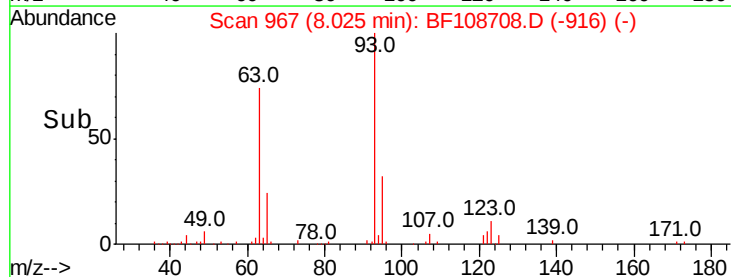
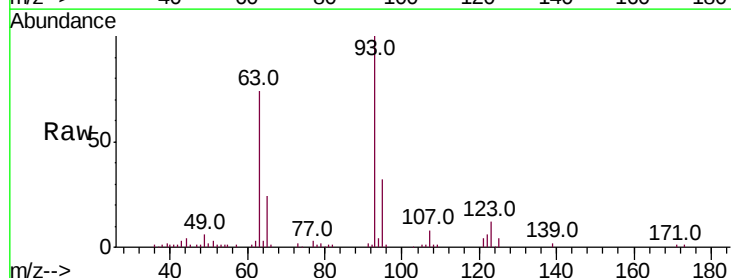
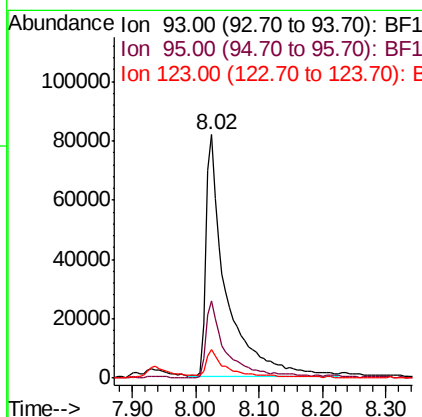
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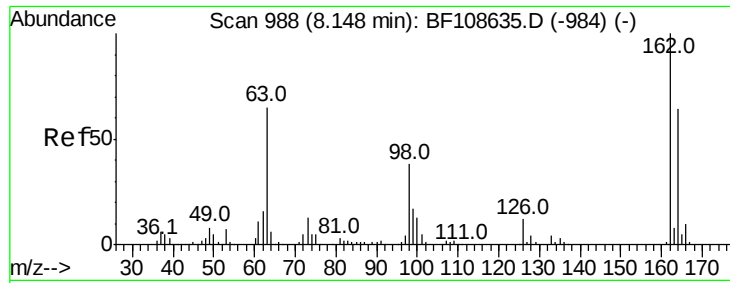
Sohil
 9/4/2018 3:53:44 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 30.062 ng
 RT: 8.02 min Scan# 967
 Delta R.T. -0.00 min
 Lab File: BF108708.D
 Acq: 31 Aug 2018 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	178950		
95	31.9	26.3	39.5	
123	12.0	9.8	14.6	





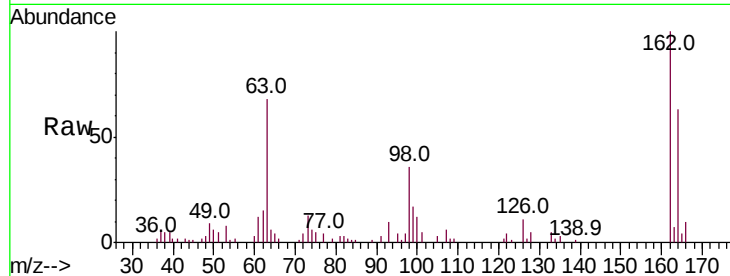
#29
 2,4-Dichlorophenol
 Concen: 24.695 ng
 RT: 8.15 min Scan# 989
 Delta R.T. 0.01 min
 Lab File: BF108708.D
 Acq: 31 Aug 2018 23:51

Instrument :
 BNA_F
 ClientSampleId :
 RA-081618-FL-036MSDRE

Tot Ion	Ratio	Resp	Lower	Upper
162	100	110947		
164	62.8		42.7	82.7
98	36.0		18.1	58.1

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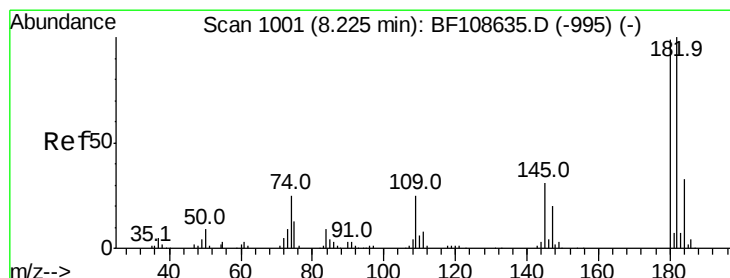
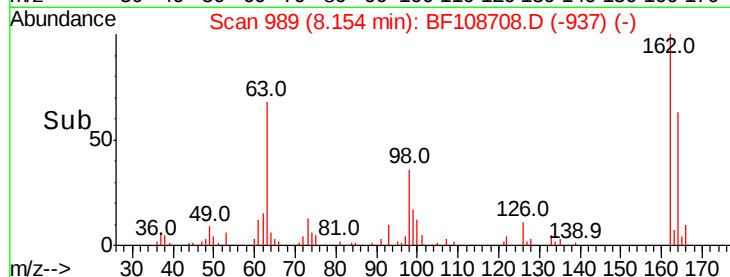
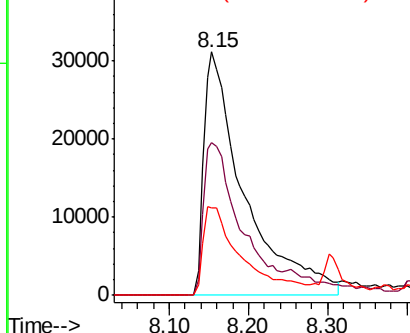


Abundance

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: 29.242 ng
 RT: 8.22 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: BF108708.D
 Acq: 31 Aug 2018 23:51

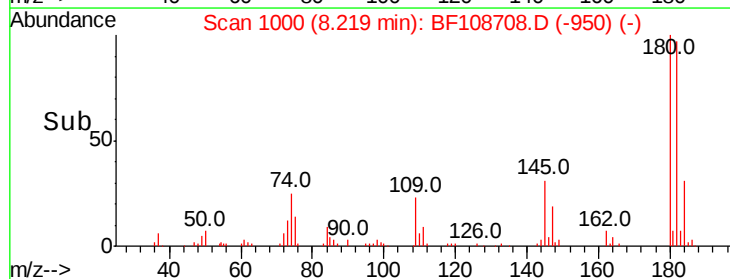
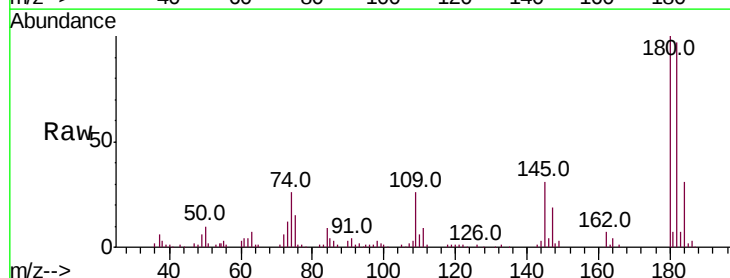
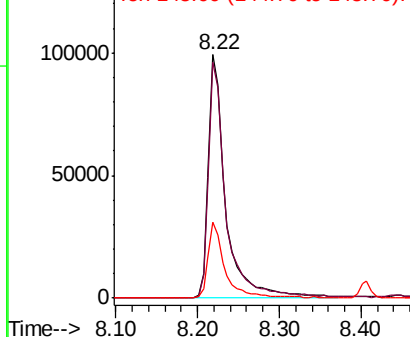
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	146909		
182	97.1		76.8	115.2
145	31.0		26.5	39.7

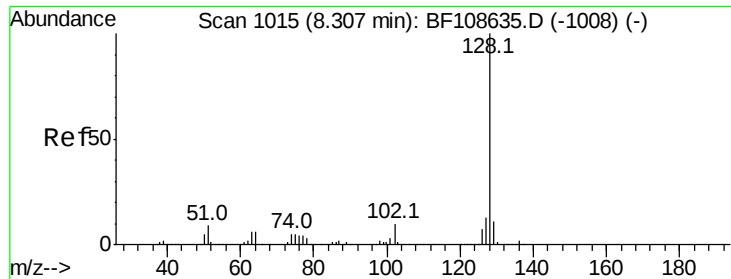
Abundance

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





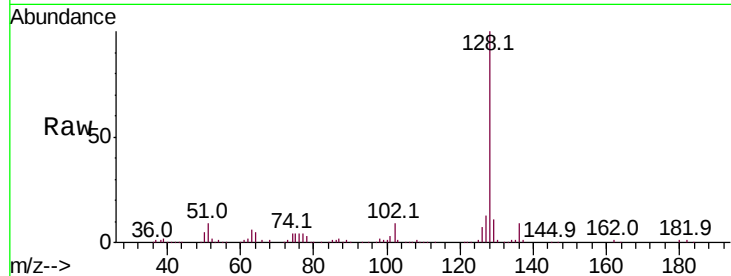
#31
Naphthalene
Concen: 34.063 ng
RT: 8.31 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-036MSDRE

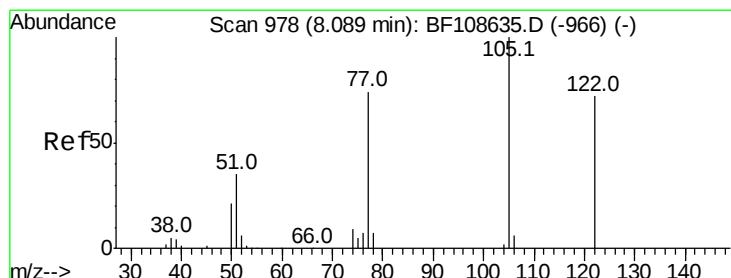
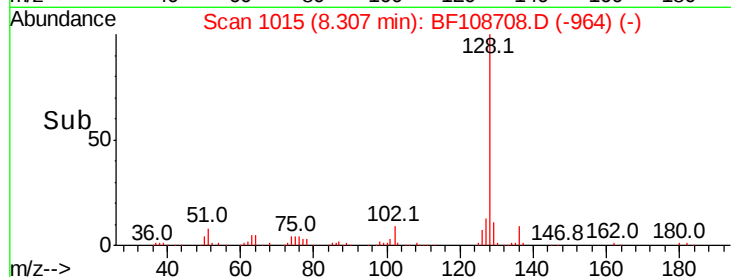
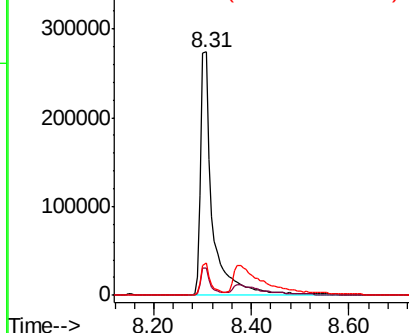
Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.2	8.8	13.2	
127	13.3	10.9	16.3	

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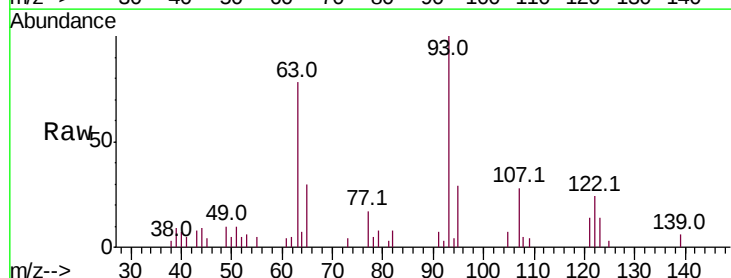


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

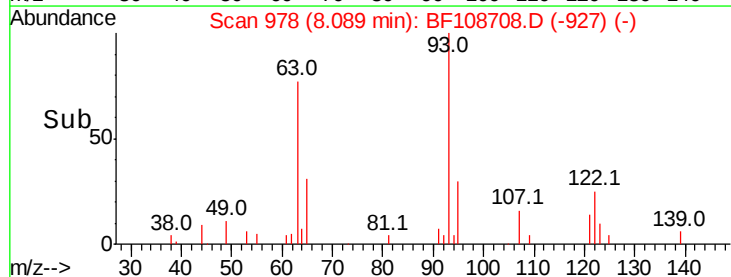
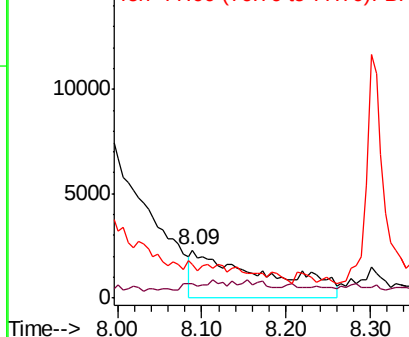


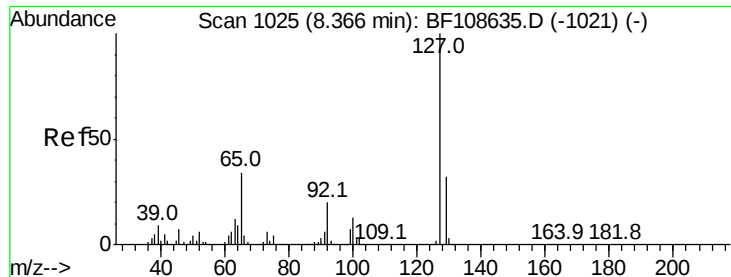
#32
Benzoic acid
Concen: 5.599 ng m
RT: 8.09 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	31.0	101.1	141.1#	
77	69.5	70.7	110.7#	



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





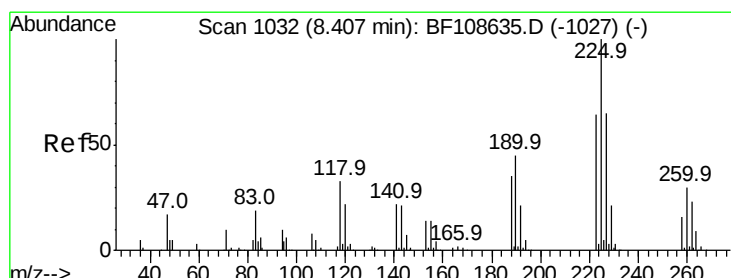
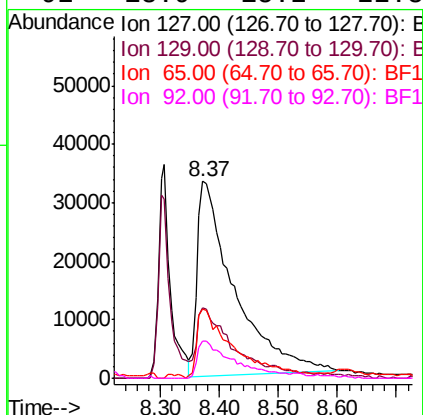
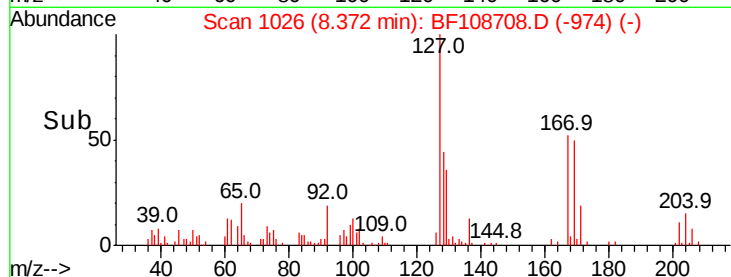
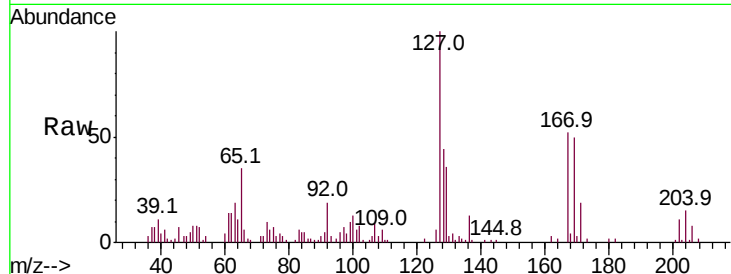
#33
4-Chloroaniline
Concen: 24.089 ng
RT: 8.37 min Scan# 1026
Delta R.T. 0.01 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-036MSDRE

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	36.1	25.9	38.9		
65	35.3	25.0	37.4		
92	18.9	15.2	22.8		

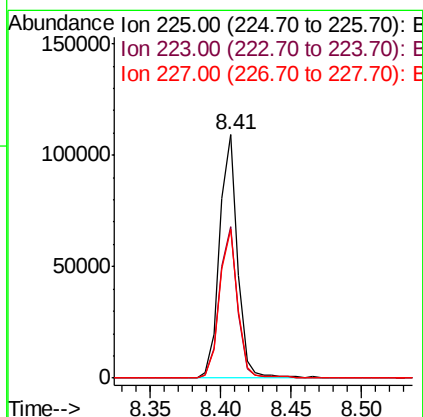
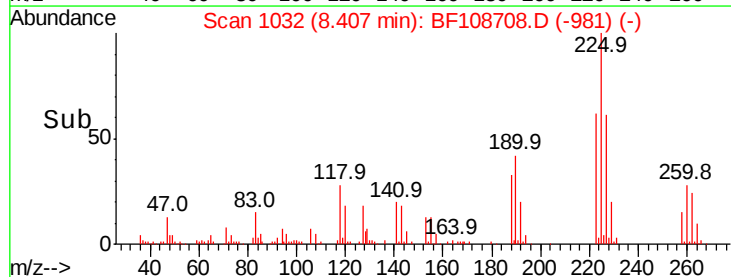
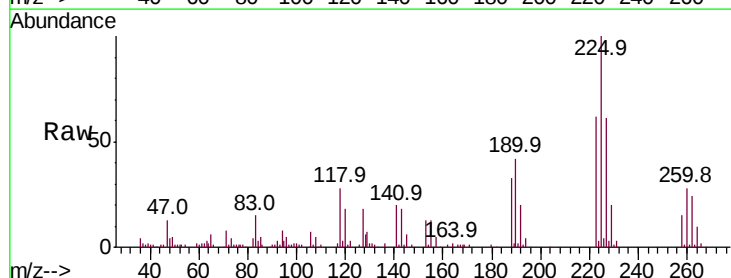
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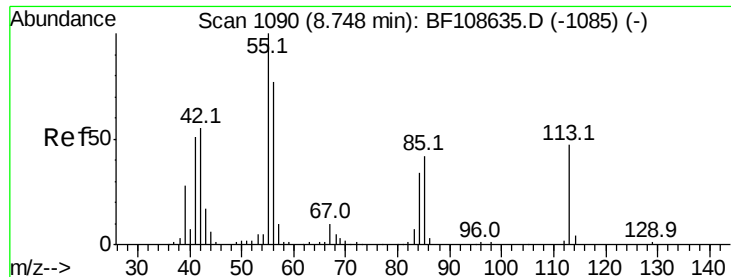
Sohil
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#34
Hexachlorobutadiene
Concen: 29.428 ng
RT: 8.41 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.0	50.6	76.0		
227	61.2	51.9	77.9		





#35

Caprolactam

Concen: 21.804 ng

RT: 8.71 min Scan# 1084

Delta R.T. -0.04 min

Lab File: BF108708.D

Acq: 31 Aug 2018 23:51

Instrument :

BNA_F

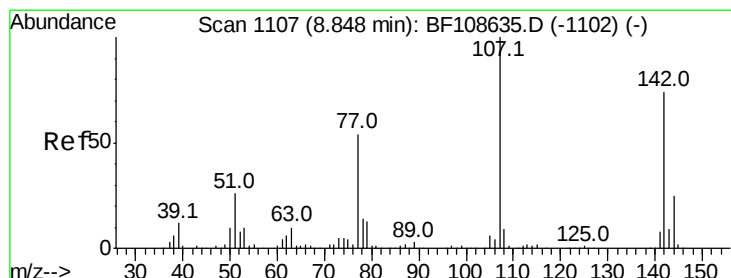
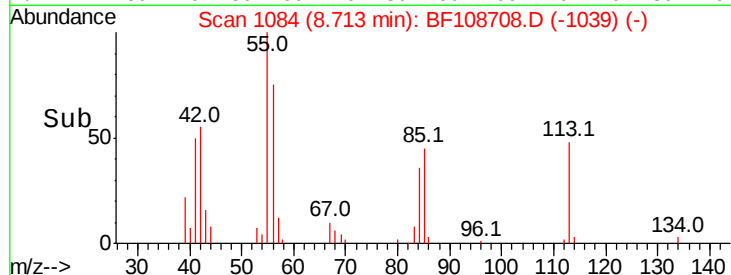
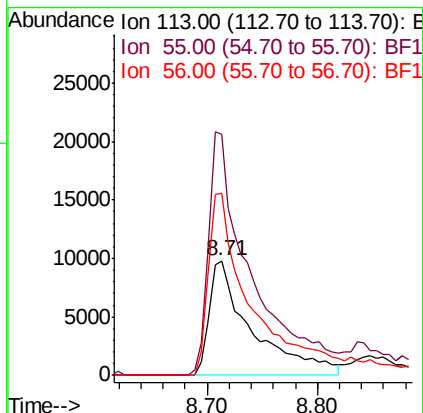
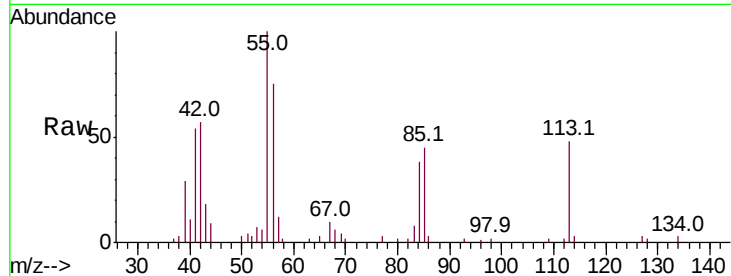
ClientSampleId :

RA-081618-FL-036MSDRE

Tot Ion:113 Resp: 26102
 Ion Ratio Lower Upper
 113 100
 55 210.1 163.3 203.3#
 56 158.5 115.7 155.7#

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#36

4-Chloro-3-methylphenol

Concen: 24.125 ng

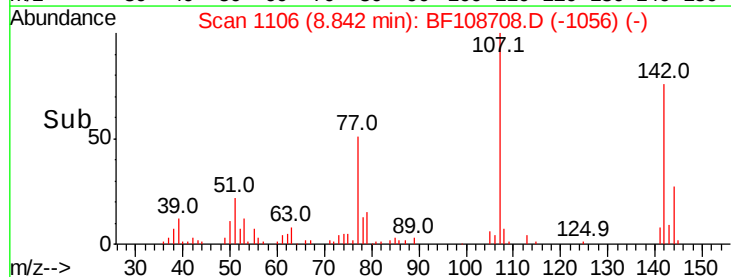
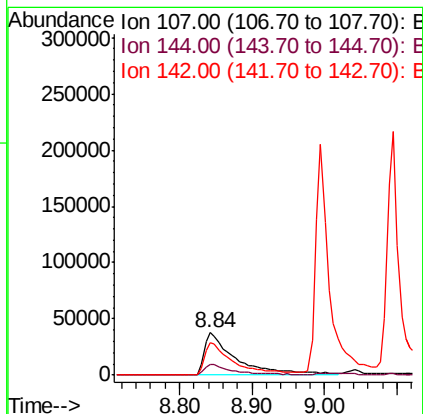
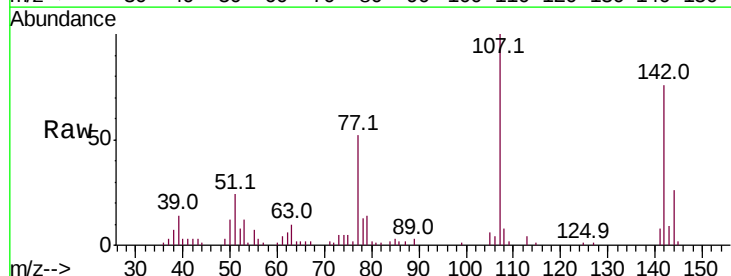
RT: 8.84 min Scan# 1106

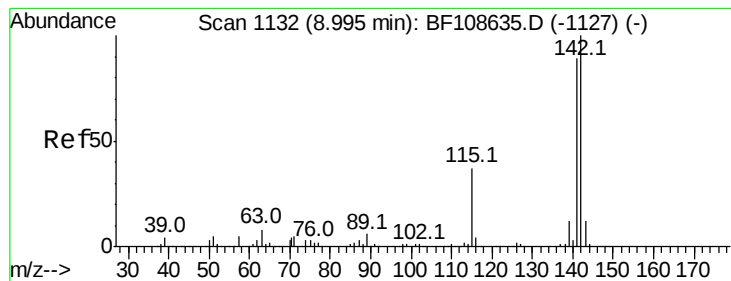
Delta R.T. -0.01 min

Lab File: BF108708.D

Acq: 31 Aug 2018 23:51

Tgt Ion:107 Resp: 116326
 Ion Ratio Lower Upper
 107 100
 144 26.3 20.5 30.7
 142 75.5 62.0 93.0





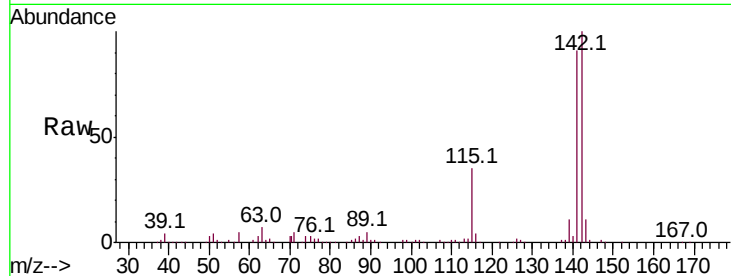
#37
2-Methylnaphthalene
Concen: 29.103 ng
RT: 9.00 min Scan# 1132
Delta R.T. -0.00 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-036MSDRE

Tot Ion	Ratio	Resp	Lower	Upper
142	100	270048		
141	90.8		70.8	106.2
115	35.1		26.1	39.1

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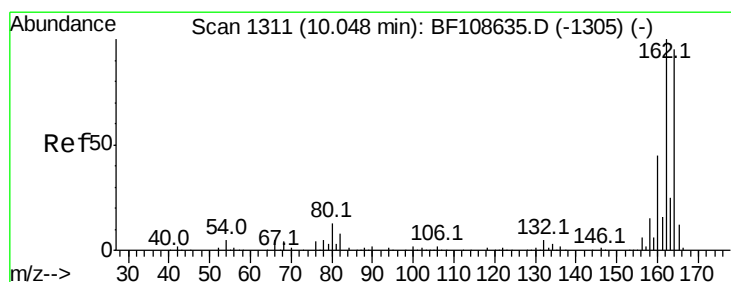
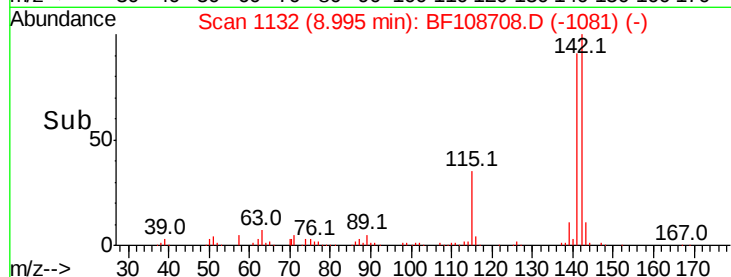
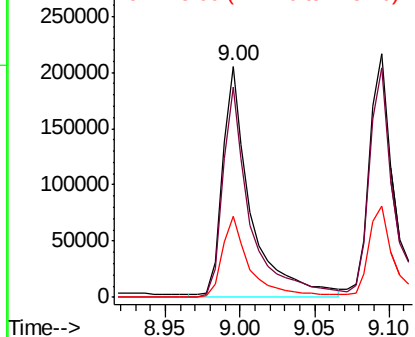


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

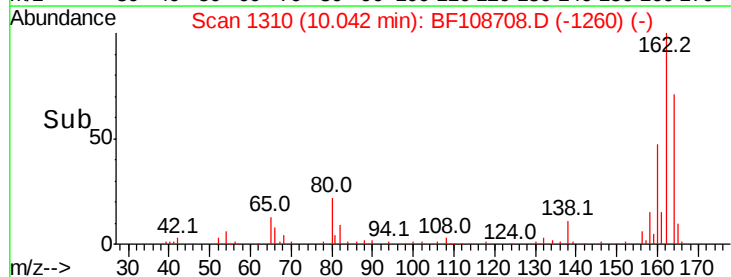
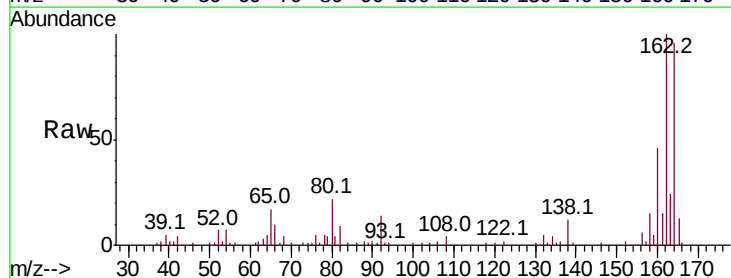
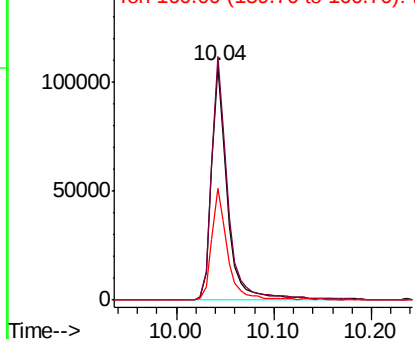
Tgt Ion	Ratio	Resp	Lower	Upper
164	100	121767		
162	104.1		86.1	129.1
160	47.5		38.3	57.5

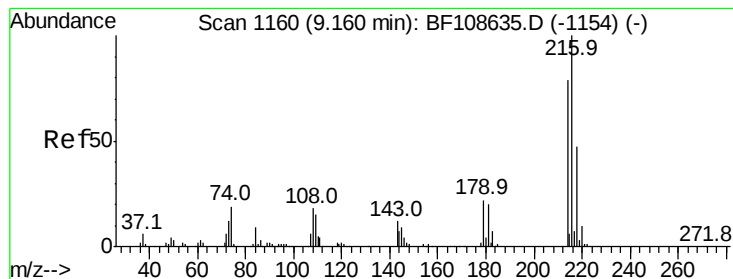
Abundance

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: 33.400 ng

RT: 9.16 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BF108708.D

Acq: 31 Aug 2018 23:51

Instrument :

BNA_F

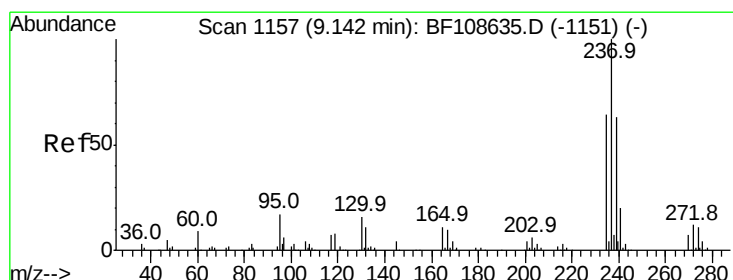
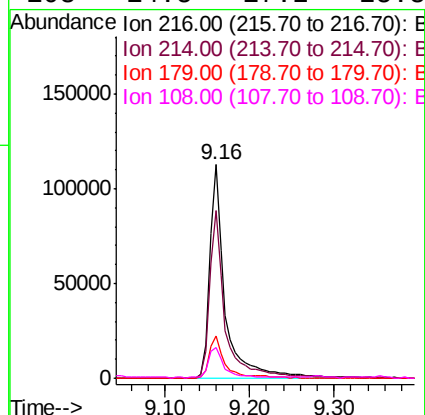
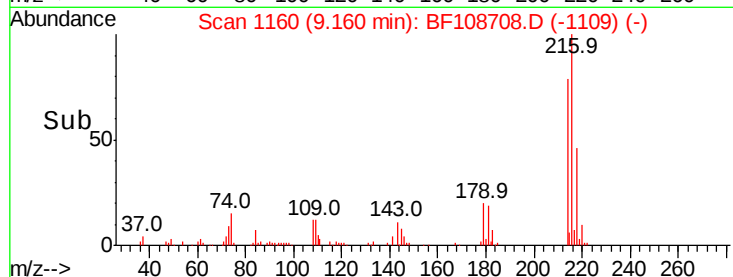
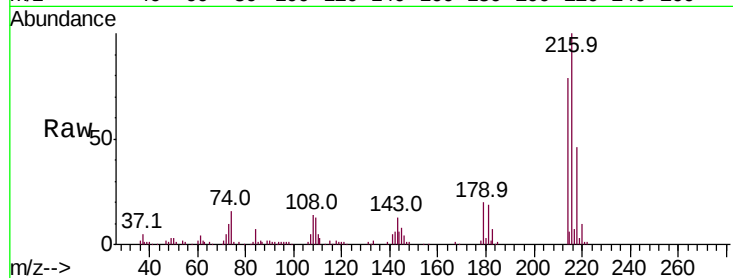
ClientSampleId :

RA-081618-FL-036MSDRE

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.8	63.0	94.4	
179	20.4	18.1	27.1	
108	14.5	17.2	25.8	

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#40

Hexachlorocyclopentadiene

Concen: 10.124 ng

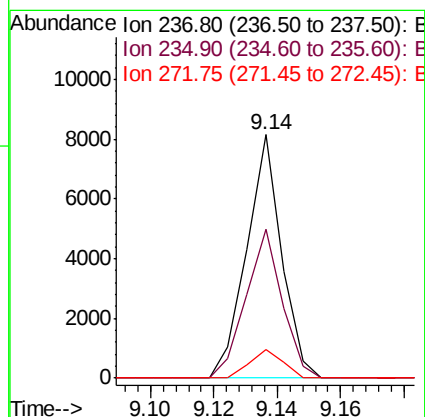
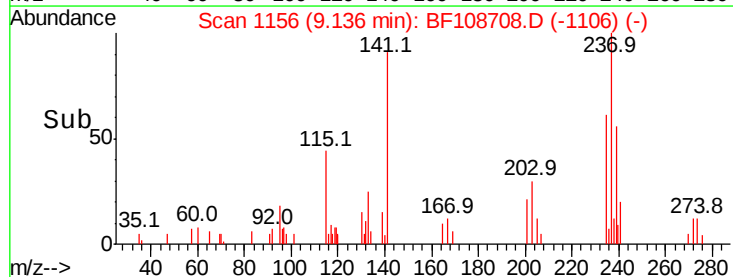
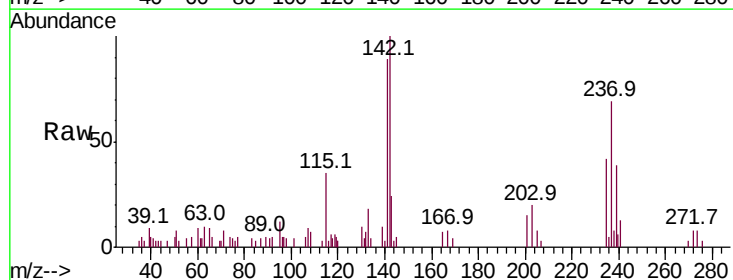
RT: 9.14 min Scan# 1156

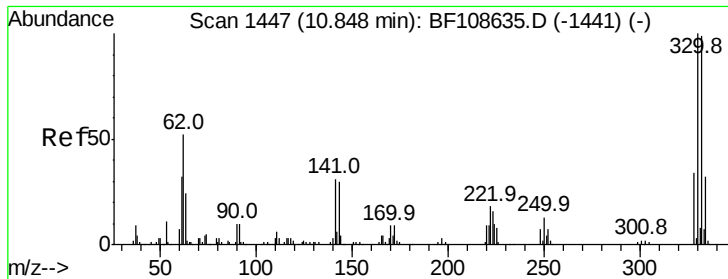
Delta R.T. -0.01 min

Lab File: BF108708.D

Acq: 31 Aug 2018 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	61.4	44.8	84.8	
272	11.6	0.0	33.3	





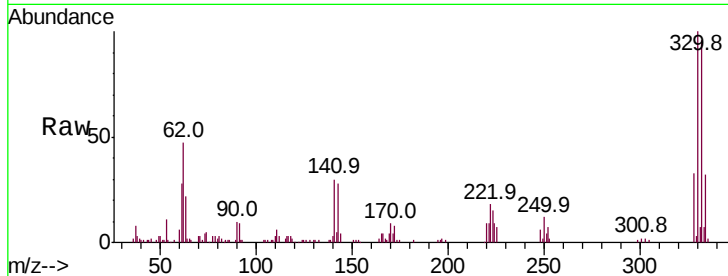
#41
 2,4,6-Tribromophenol
 Concen: 80.496 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108708.D
 Acq: 31 Aug 2018 23:51

Instrument :
 BNA_F
 ClientSampleId :
 RA-081618-FL-036MSDRE

Tot Ion	Ratio	Resp	Lower	Upper
330	100	129395		
332	95.6	77.0	115.6	
141	32.3	29.9	44.9	

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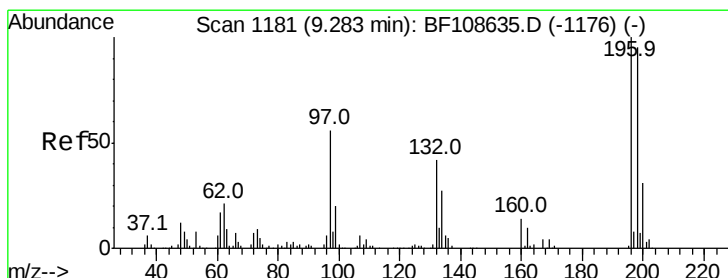
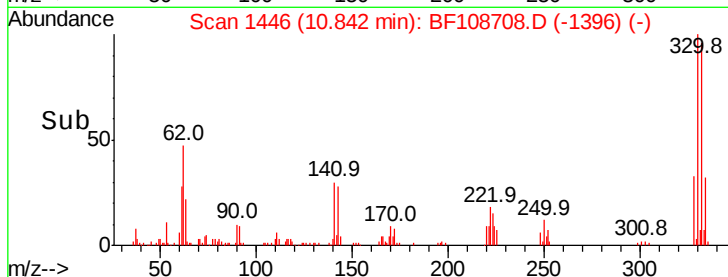
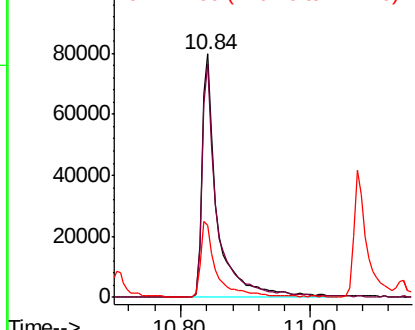


Abundance

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: 26.343 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF108708.D
 Acq: 31 Aug 2018 23:51

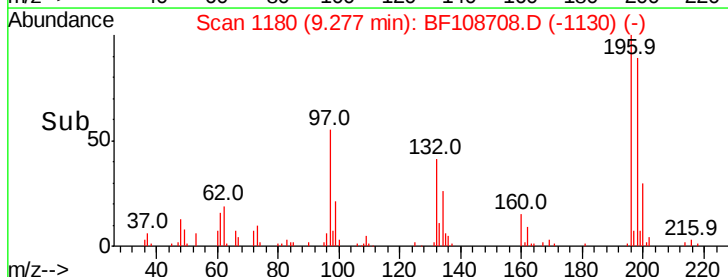
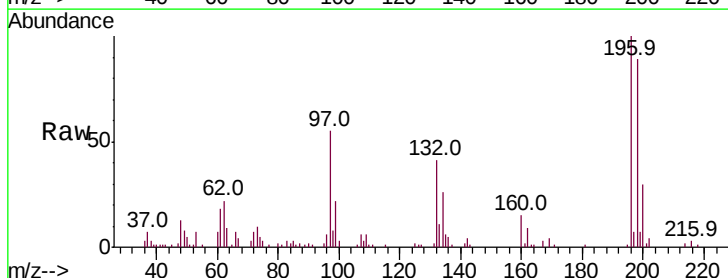
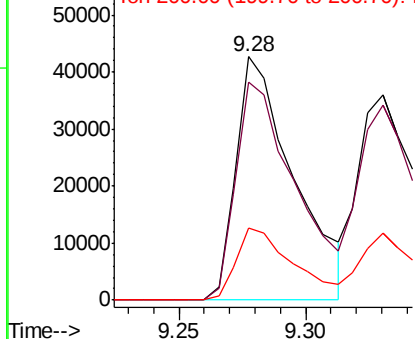
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	67438		
198	89.4	75.7	113.5	
200	29.6	24.5	36.7	

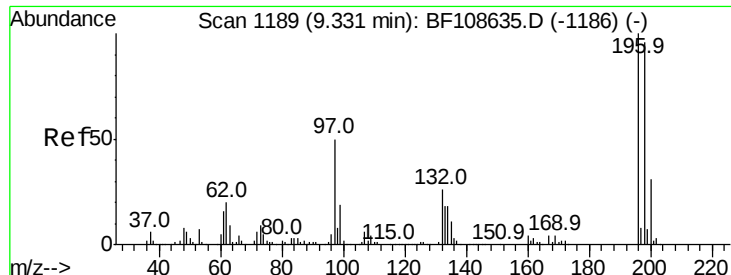
Abundance

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





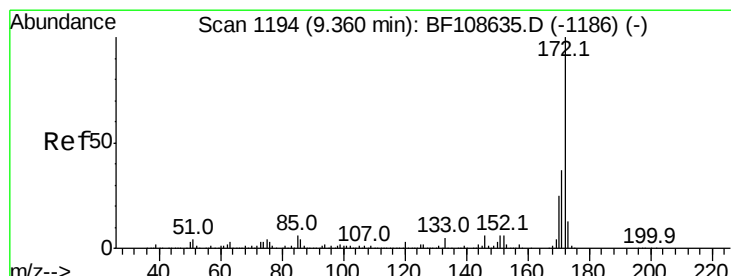
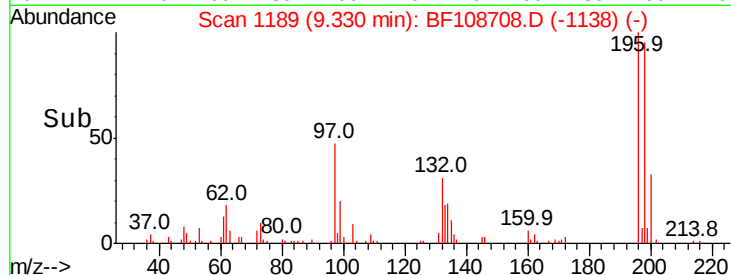
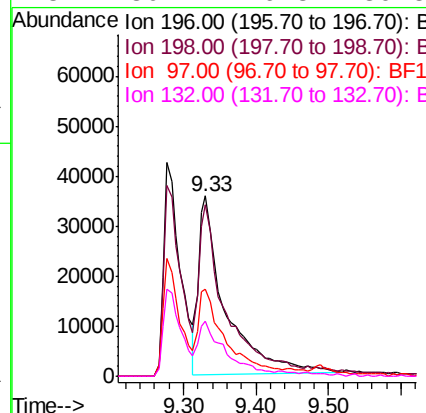
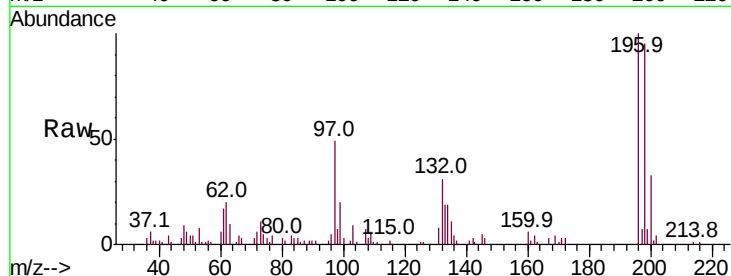
#43
2,4,5-Trichlorophenol
Concen: 30.797 ng
RT: 9.33 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-036MSDRE

Tot Ion	Ratio	Resp	Lower	Upper
196	100	91935		
198	95.2	74.6	112.0	
97	48.5	42.9	64.3	
132	30.7	26.3	39.5	

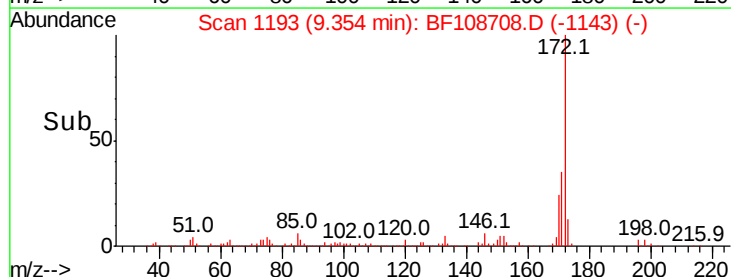
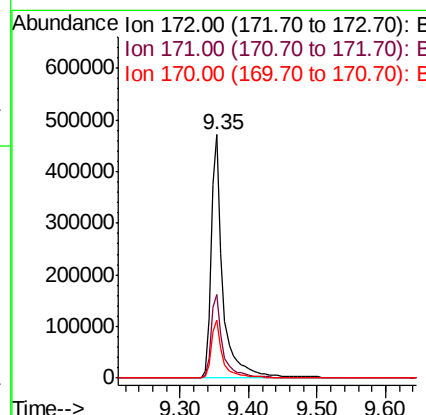
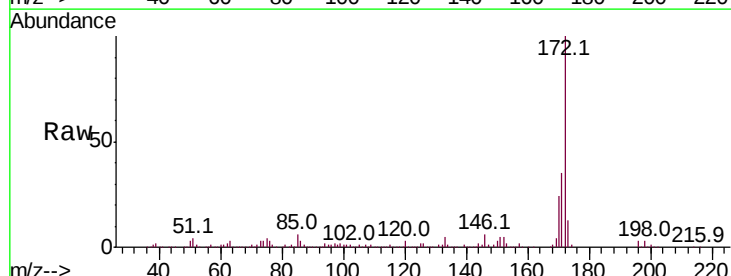
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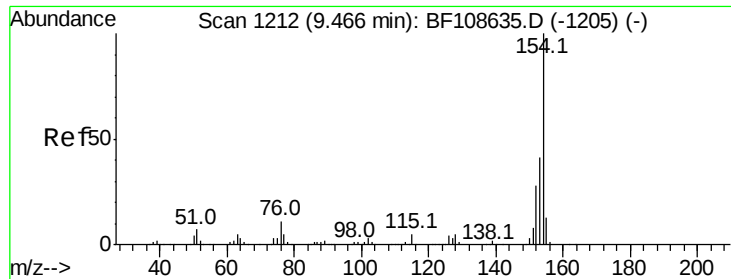
Sohil
9/4/2018 3:53:44 PM



#44
2-Fluorobiphenyl
Concen: 63.515 ng
RT: 9.35 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	575201		
171	34.6	29.7	44.5	
170	23.7	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 32.197 ng

RT: 9.46 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BF108708.D

Acq: 31 Aug 2018 23:51

Instrument :

BNA_F

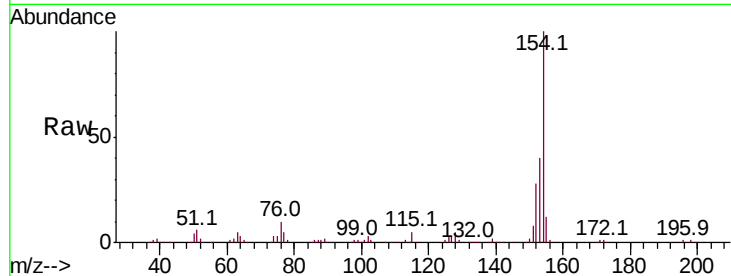
ClientSampleId :

RA-081618-FL-036MSDRE

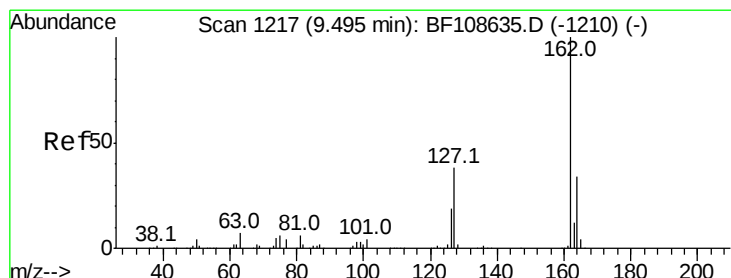
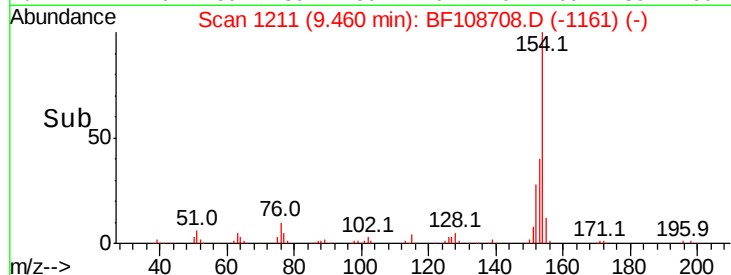
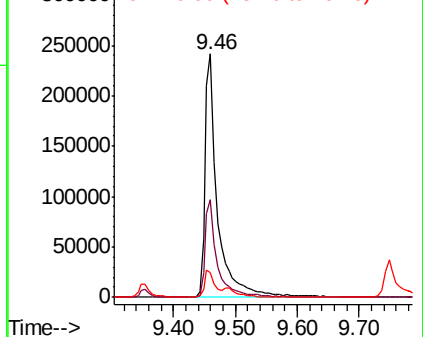
Tot Ion:	154	Resp:	341308
Ion Ratio	Lower	Upper	
154	100		
153	40.2	21.3	61.3
76	10.4	0.0	34.0

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



#46

2-Chloronaphthalene

Concen: 30.189 ng

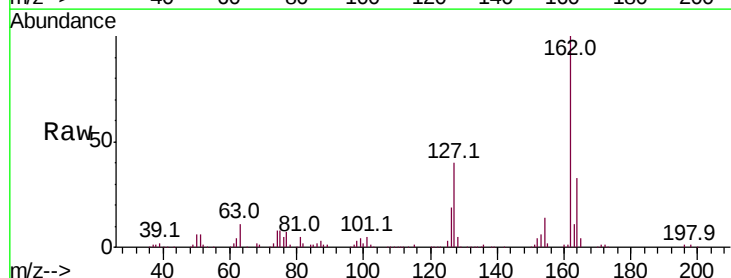
RT: 9.49 min Scan# 1216

Delta R.T. -0.01 min

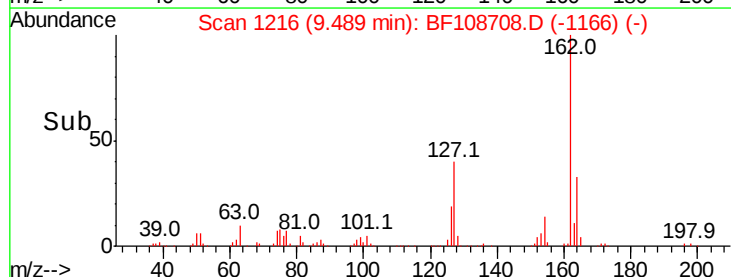
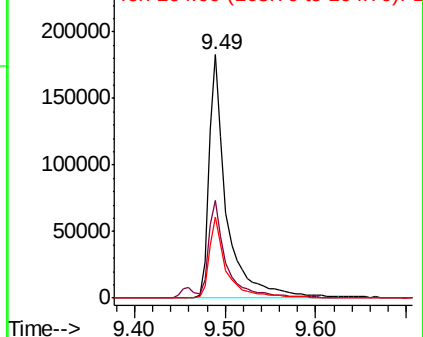
Lab File: BF108708.D

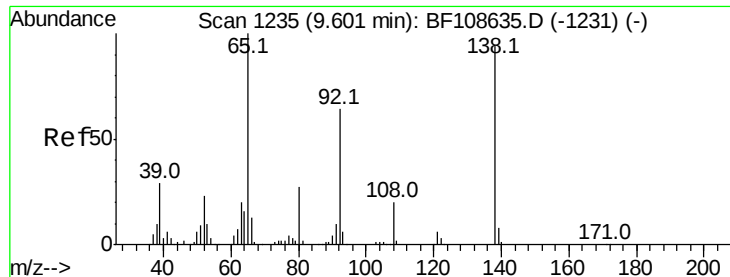
Acq: 31 Aug 2018 23:51

Tgt Ion:	162	Resp:	250539
Ion Ratio	Lower	Upper	
162	100		
127	40.4	33.9	50.9
164	33.3	26.5	39.7



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





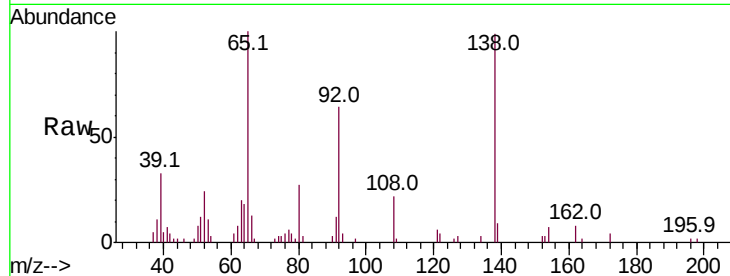
#47
2-Nitroaniline
Concen: 28.824 ng
RT: 9.61 min Scan# 1236
Delta R.T. 0.01 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-036MSDRE

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.2	55.8	83.6
138	98.8	91.2	136.8

Manual Integrations
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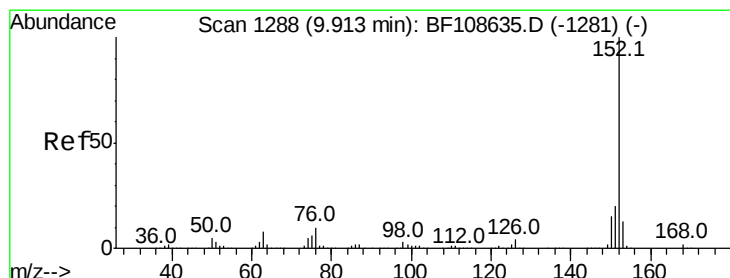
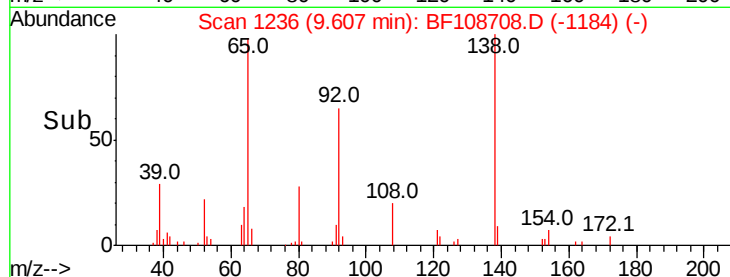
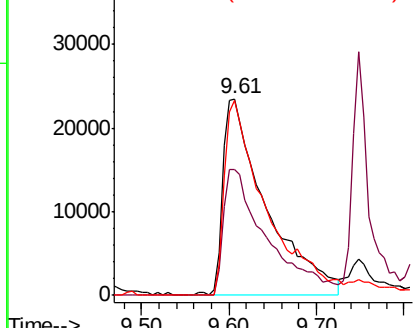


Abundance

Ion 65.00 (64.70 to 65.70): BF1

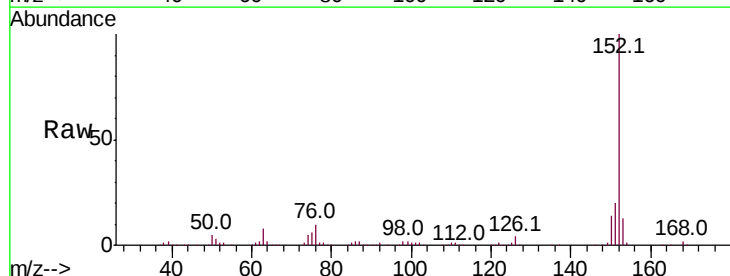
Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48
Acenaphthylene
Concen: 31.809 ng
RT: 9.91 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	12.7	10.7	16.1

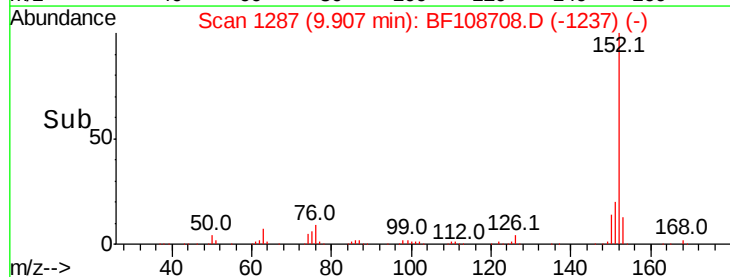
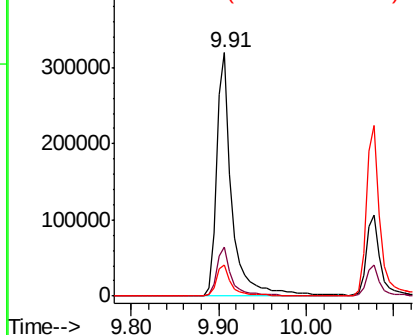


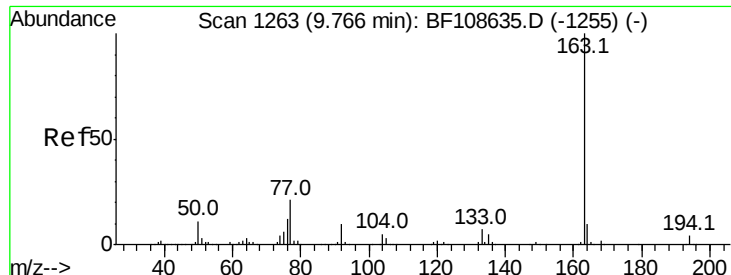
Abundance

Ion 152.00 (151.70 to 152.70): BF1

Ion 151.00 (150.70 to 151.70): BF1

Ion 153.00 (152.70 to 153.70): BF1





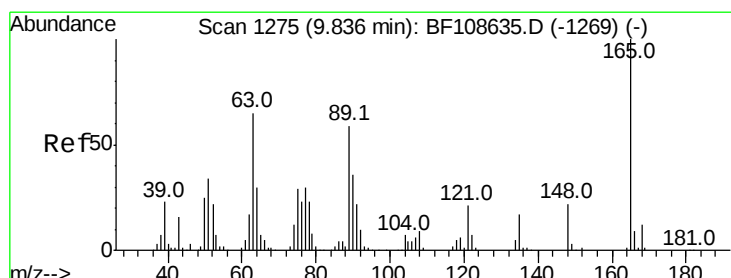
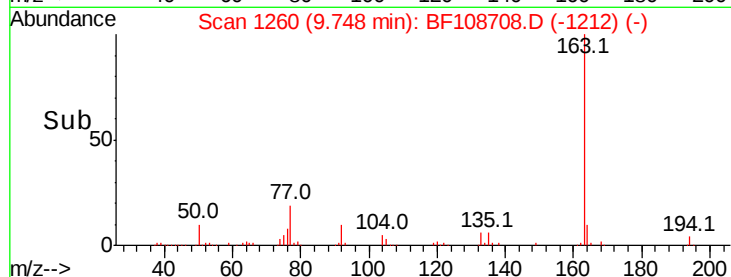
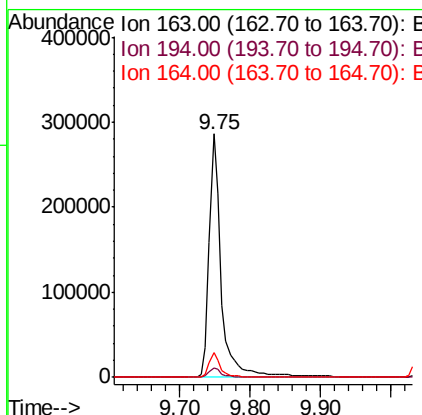
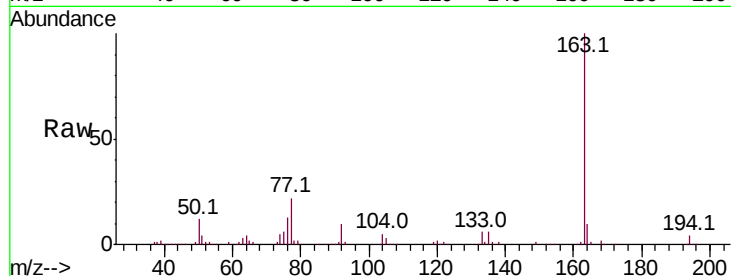
#49
 Dimethylphthalate
 Concen: 35.613 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.02 min
 Lab File: BF108708.D
 Acq: 31 Aug 2018 23:51

Instrument :
 BNA_F
 ClientSampleId :
 RA-081618-FL-036MSDRE

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.0	2.7	4.1	
164	10.3	8.2	12.2	

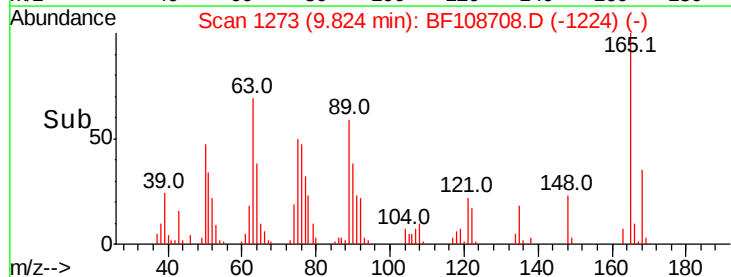
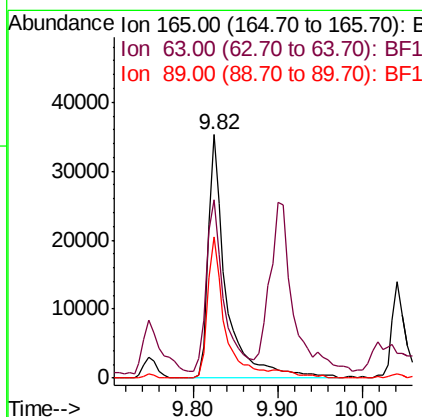
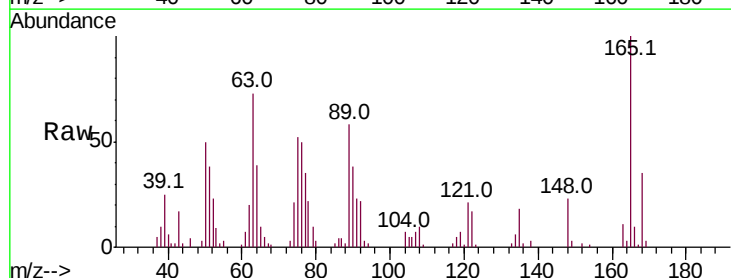
Manual Integrations
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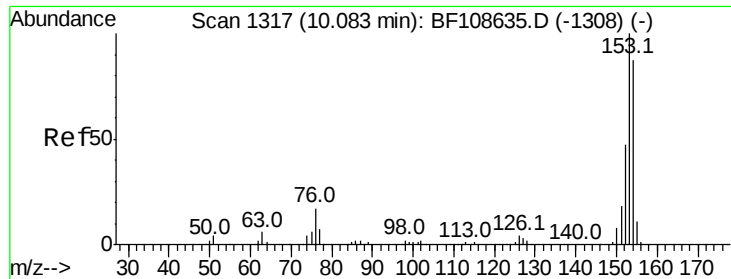
Sohil
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#50
 2,6-Dinitrotoluene
 Concen: 24.809 ng
 RT: 9.82 min Scan# 1273
 Delta R.T. -0.01 min
 Lab File: BF108708.D
 Acq: 31 Aug 2018 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	73.1	44.7	67.1#	
89	58.0	44.0	66.0	





#51

Acenaphthene

Concen: 30.398 ng

RT: 10.08 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF108708.D

Acq: 31 Aug 2018 23:51

Instrument :

BNA_F

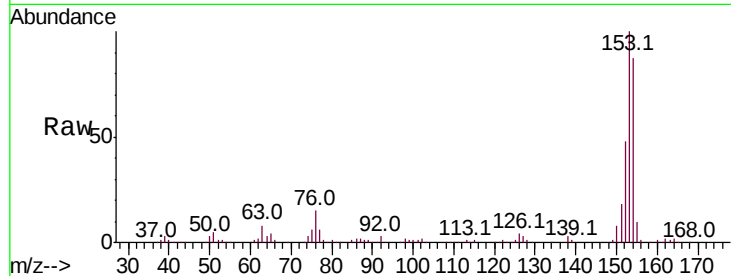
ClientSampleId :

RA-081618-FL-036MSDRE

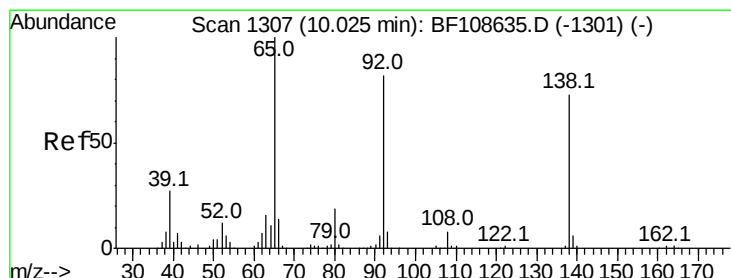
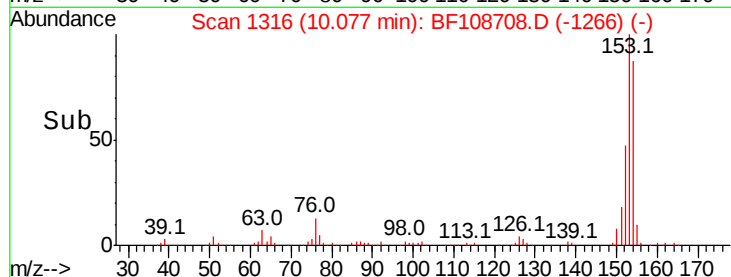
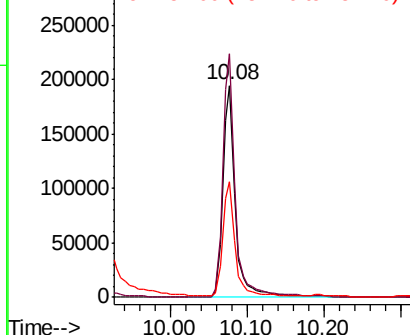
Tot Ion:	154	Resp:	220828
Ion Ratio	Lower	Upper	
154	100		
153	114.9	91.2	136.8
152	54.6	43.8	65.8

Manual Integrations
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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: 29.986 ng

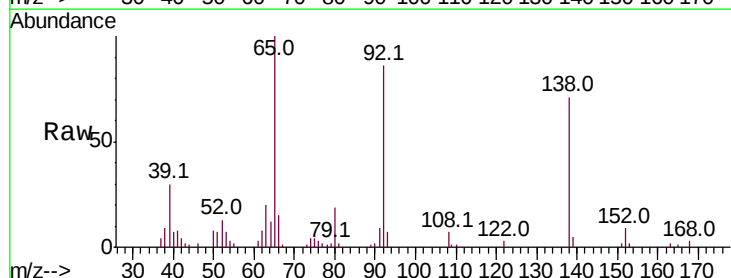
RT: 10.02 min Scan# 1306

Delta R.T. -0.01 min

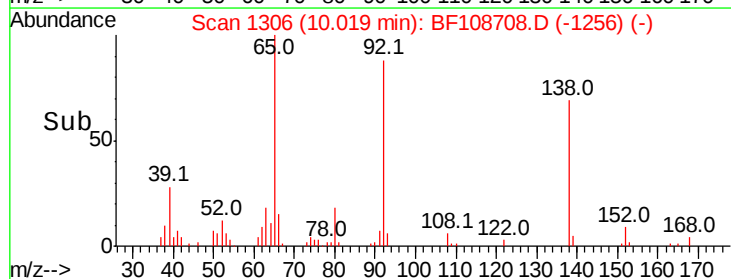
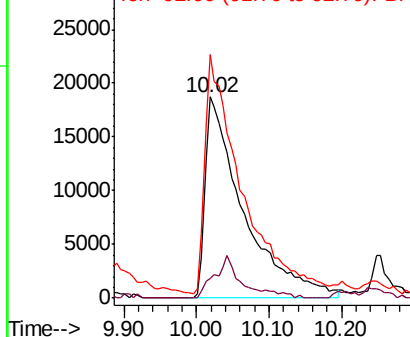
Lab File: BF108708.D

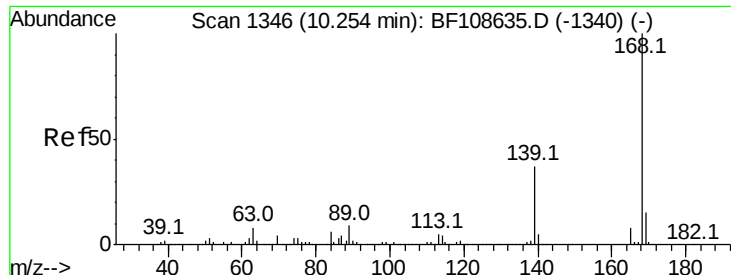
Acq: 31 Aug 2018 23:51

Tgt Ion:	138	Resp:	68562
Ion Ratio	Lower	Upper	
138	100		
108	10.0	9.4	14.0
92	121.1	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





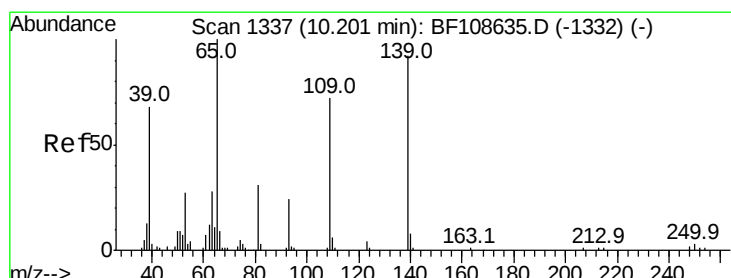
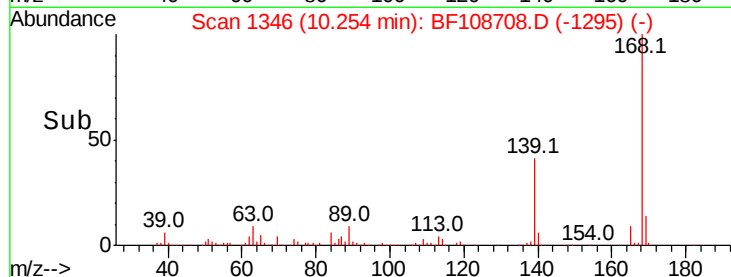
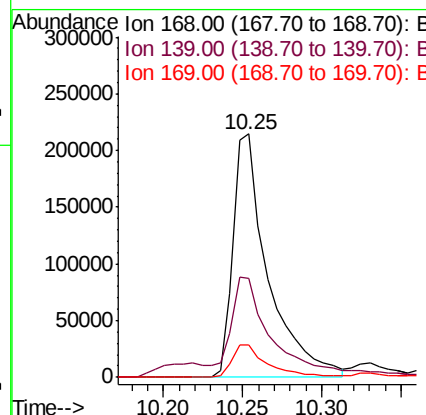
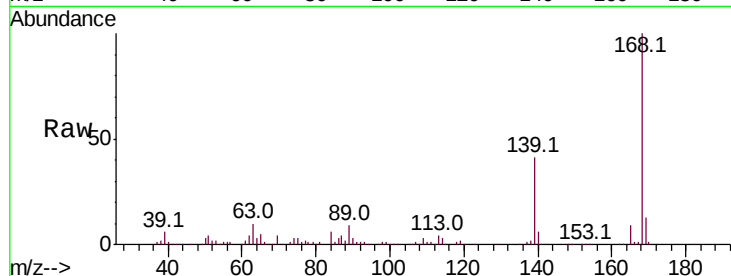
#54
Dibenzenofuran
Concen: 28.970 ng
RT: 10.25 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-036MSDRE

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.9	30.1	45.1
169	13.4	10.9	16.3

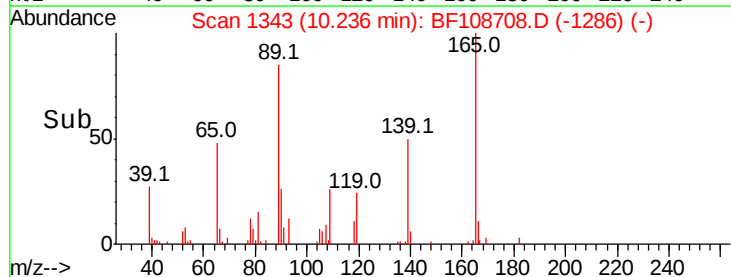
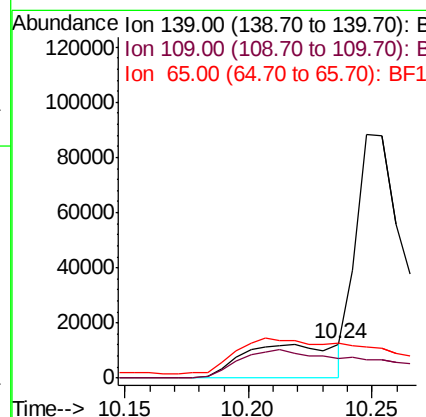
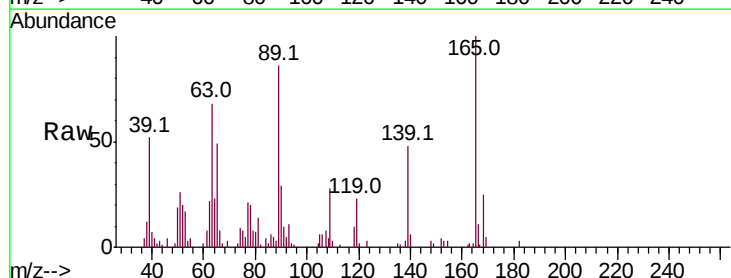
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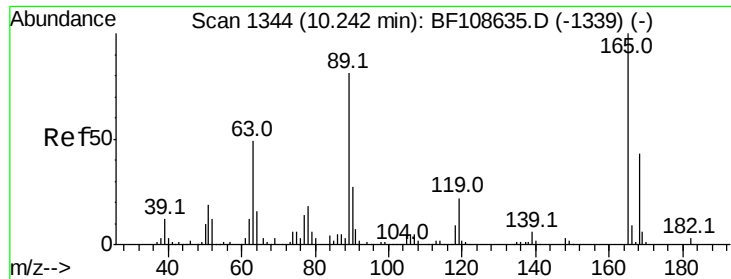
Sohil
9/4/2018 3:53:44 PM



#55
4-Nitrophenol
Concen: 25.318 ng m
RT: 10.24 min Scan# 1343
Delta R.T. 0.04 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Tgt Ion	Ratio	Lower	Upper
139	100		
109	58.5	48.4	88.4
65	102.5	72.6	112.6





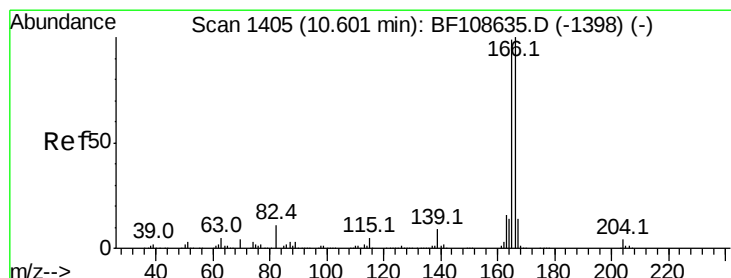
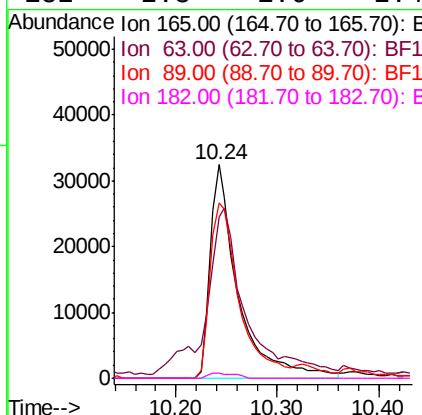
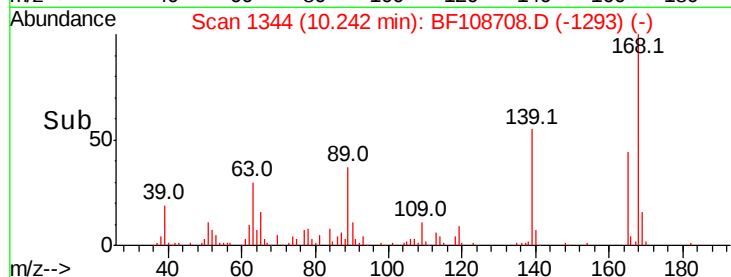
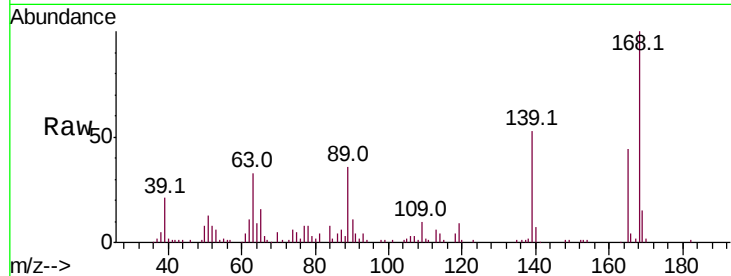
#56
 2,4-Dinitrotoluene
 Concen: 22.137 ng
 RT: 10.24 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: BF108708.D
 Acq: 31 Aug 2018 23:51

Instrument :
 BNA_F
 ClientSampleId :
 RA-081618-FL-036MSDRE

Tot Ion	Ratio	Resp	Lower	Upper
165	100	61952		
63	75.8	36.4	54.6#	
89	81.9	57.8	86.6	
182	2.3	1.6	2.4	

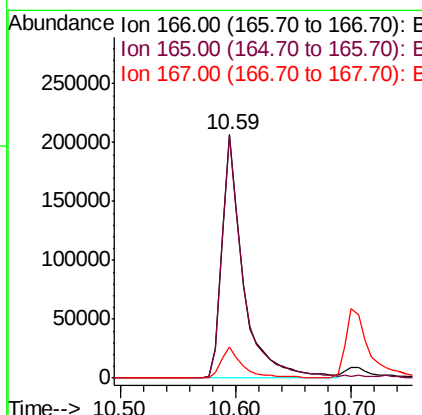
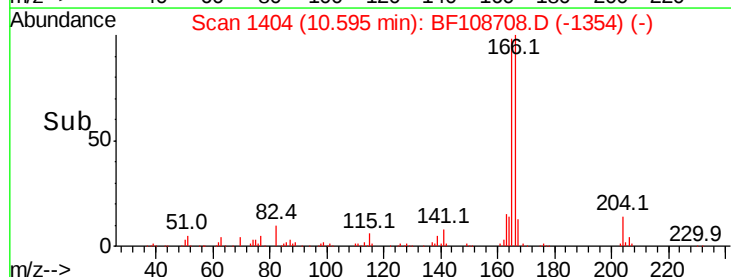
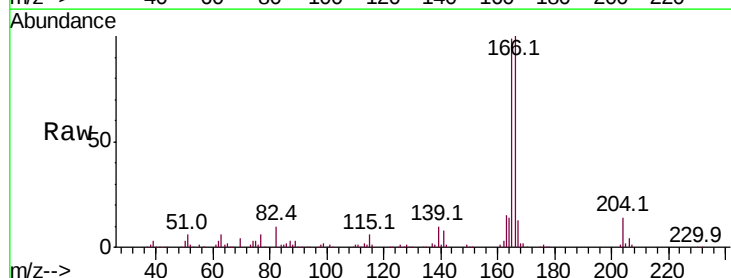
Manual Integrations
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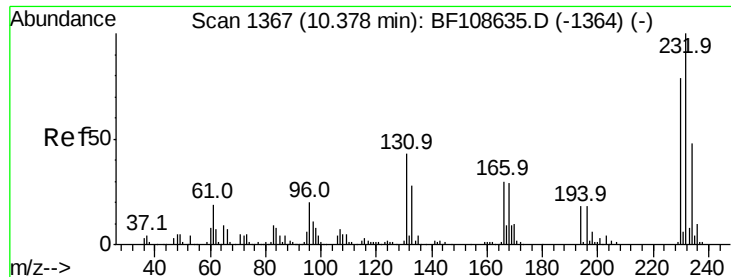
Sohil
 9/4/2018 3:53:44 PM



#57
 Fluorene
 Concen: 30.078 ng
 RT: 10.59 min Scan# 1404
 Delta R.T. -0.01 min
 Lab File: BF108708.D
 Acq: 31 Aug 2018 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	264963		
165	99.3	79.8	119.8	
167	12.7	10.6	16.0	





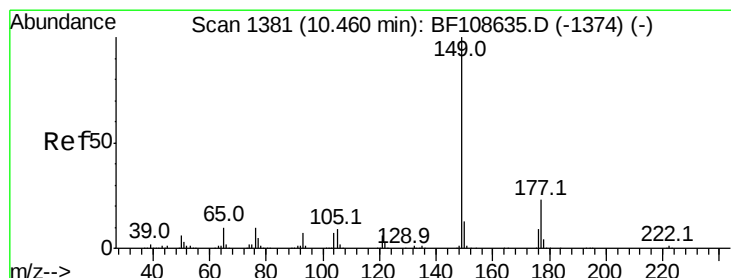
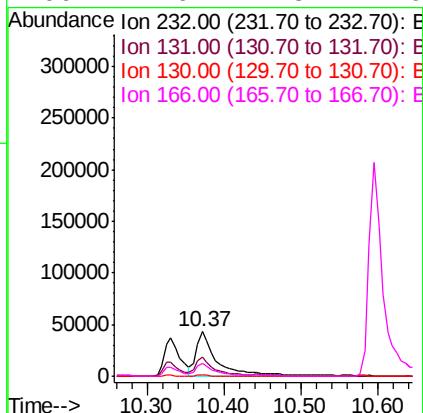
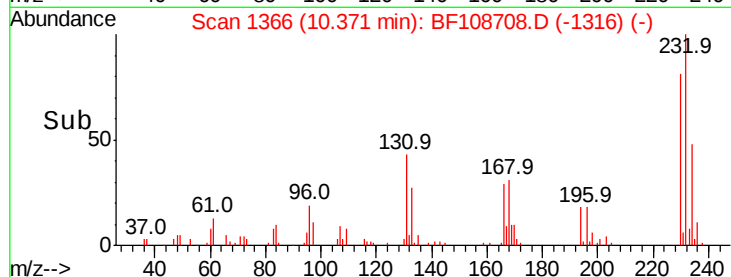
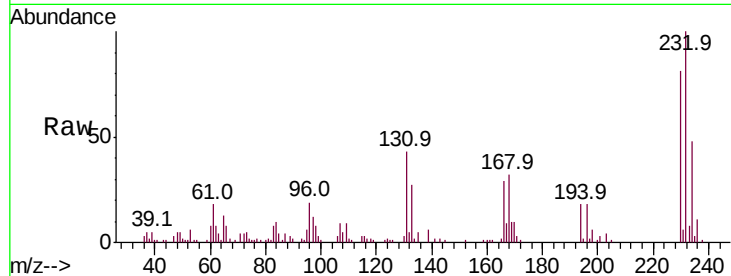
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 29.861 ng
 RT: 10.37 min Scan# 1366
 Delta R.T. -0.01 min
 Lab File: BF108708.D
 Acq: 31 Aug 2018 23:51

Instrument :
 BNA_F
 ClientSampleId :
 RA-081618-FL-036MSDRE

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	32.3	43.8	65.8#
130	1.7	2.1	3.1#
166	27.6	27.8	41.6#

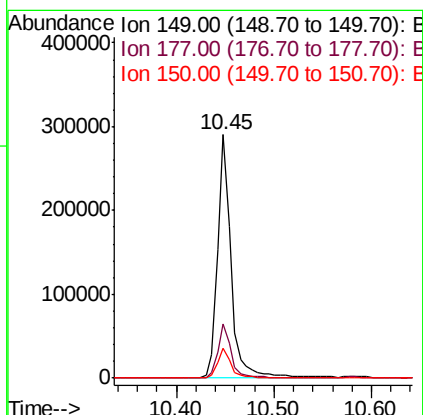
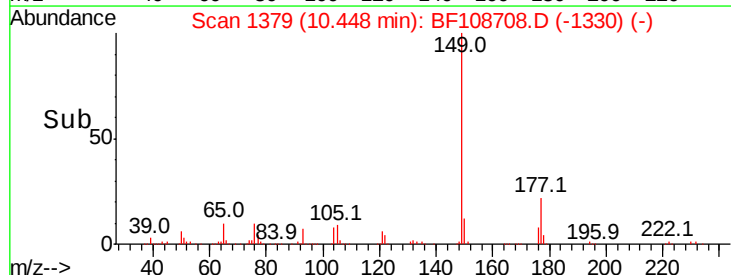
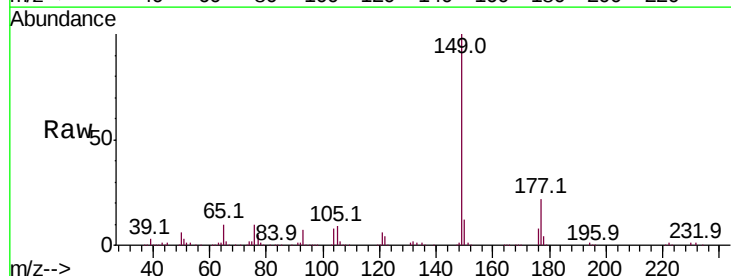
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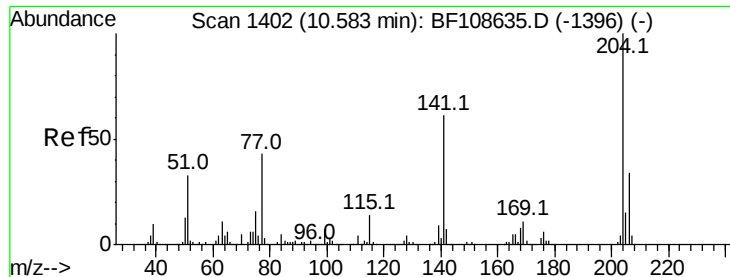
Sohil
 9/4/2018 3:53:44 PM



#59
 Diethylphthalate
 Concen: 29.329 ng
 RT: 10.45 min Scan# 1379
 Delta R.T. -0.01 min
 Lab File: BF108708.D
 Acq: 31 Aug 2018 23:51

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	22.2	16.1	24.1
150	12.1	10.1	15.1





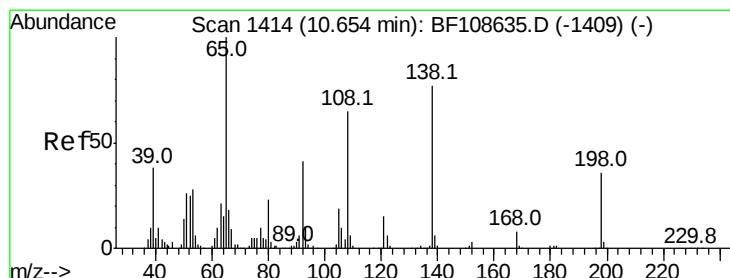
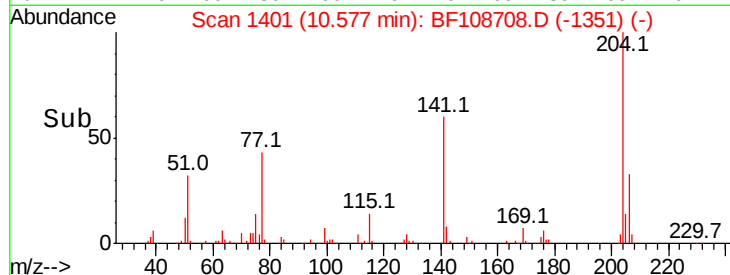
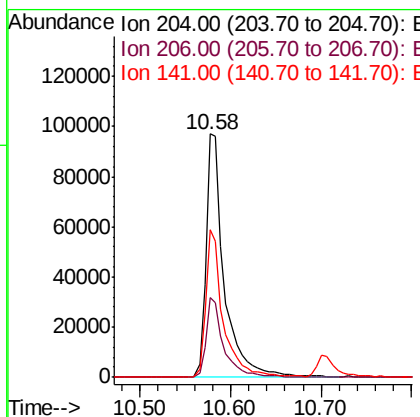
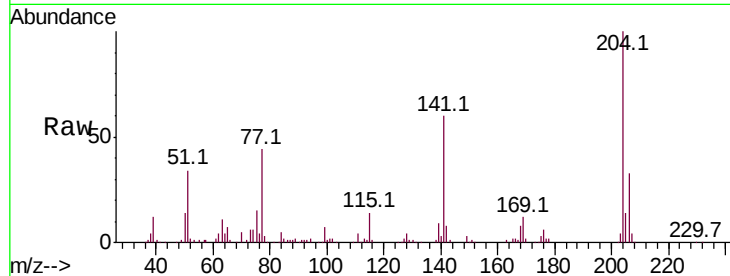
#60
4-Chlorophenyl-phenylether
Concen: 27.472 ng
RT: 10.58 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-036MSDRE

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.5	39.7
141	60.4	54.6	81.8

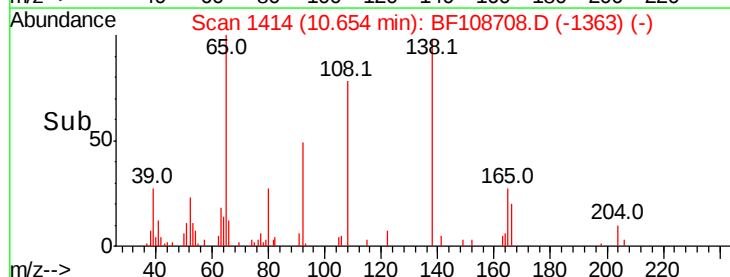
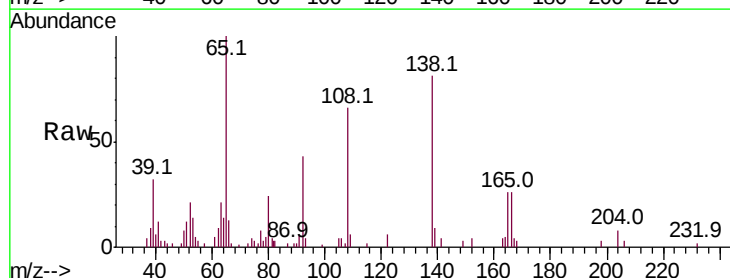
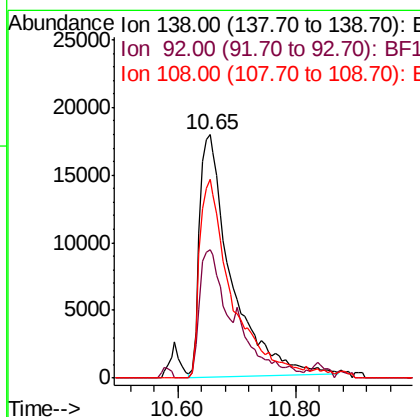
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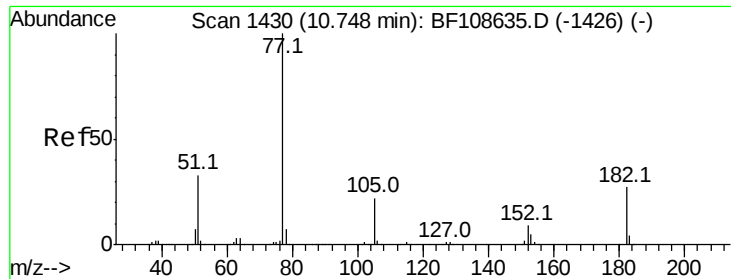
Sohil
9/4/2018 3:53:44 PM



#61
4-Nitroaniline
Concen: 30.045 ng
RT: 10.65 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.5	30.2	70.2
108	81.6	52.5	92.5





#62

Azobenzene

Concen: 26.400 ng

RT: 10.74 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF108708.D

Acq: 31 Aug 2018 23:51

Instrument :

BNA_F

ClientSampleId :

RA-081618-FL-036MSDRE

Tot Ion: 77 Resp: 253498

Ion Ratio Lower Upper

77 100

182 25.6 1.7 41.7

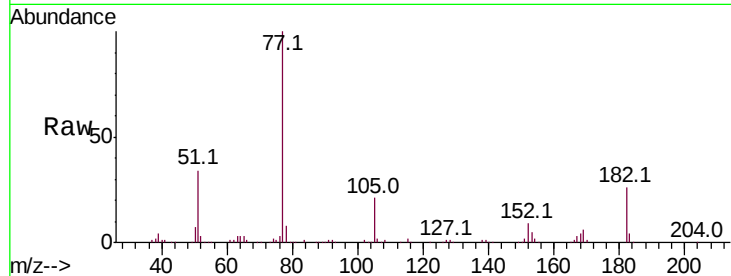
105 21.1 3.0 43.0

51 34.0 9.9 49.9

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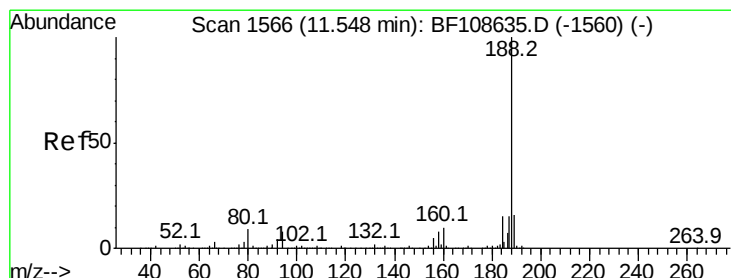
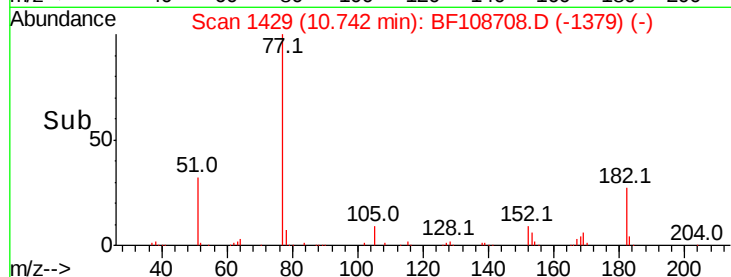
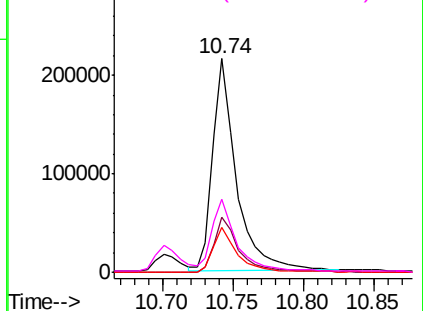


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.54 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF108708.D

Acq: 31 Aug 2018 23:51

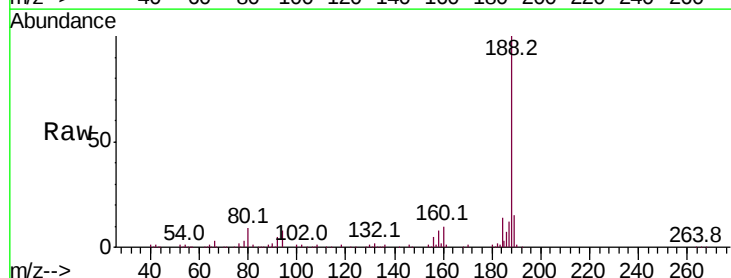
Tgt Ion: 188 Resp: 244868

Ion Ratio Lower Upper

188 100

94 7.9 8.5 12.7#

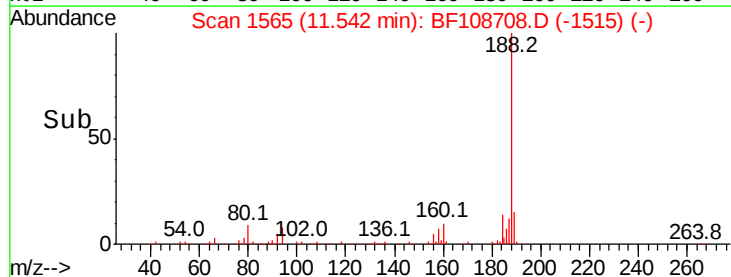
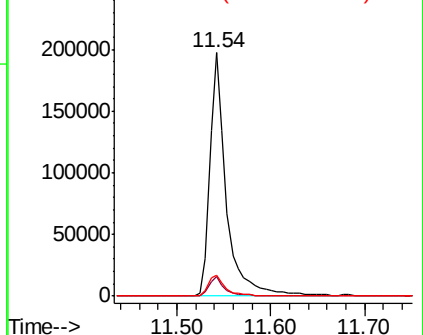
80 8.5 9.2 13.8#

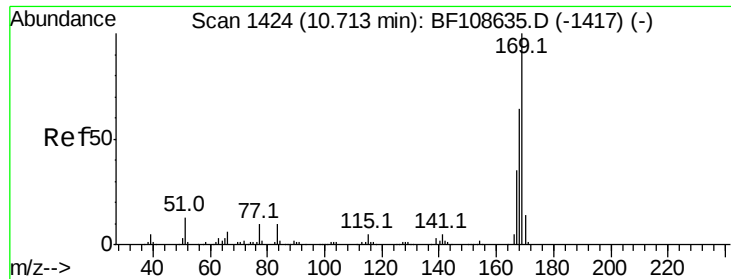


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





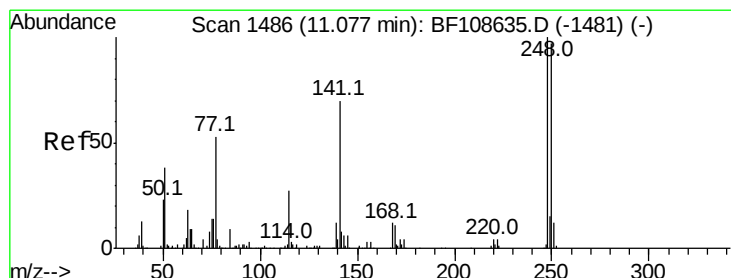
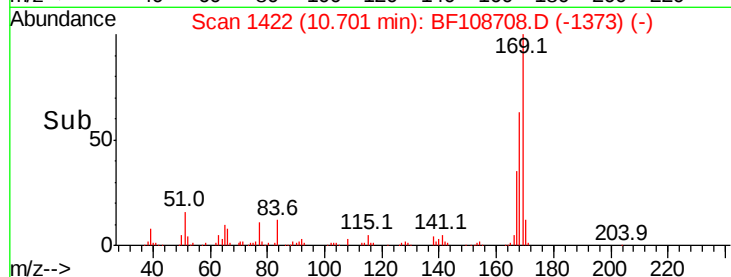
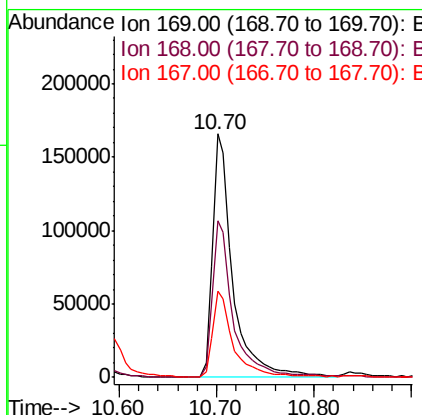
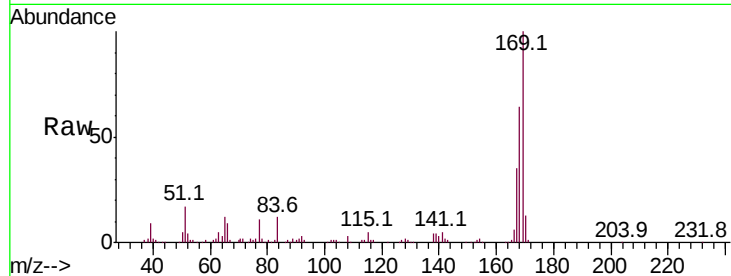
#65
n-Nitrosodiphenylamine
Concen: 29.204 ng
RT: 10.70 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-036MSDRE

Tot Ion	Ratio	Resp	Lower	Upper
169	100	237586		
168	64.3		54.4	81.6
167	35.4		29.8	44.6

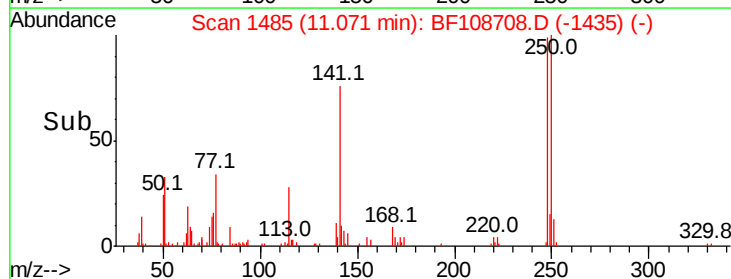
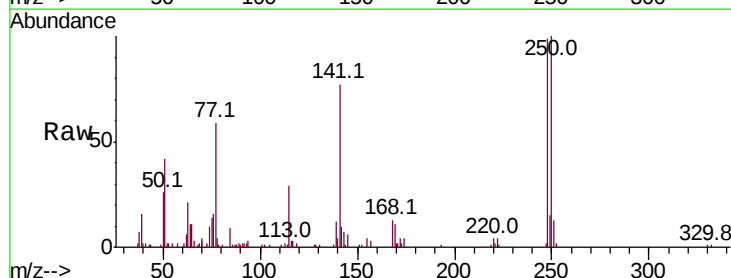
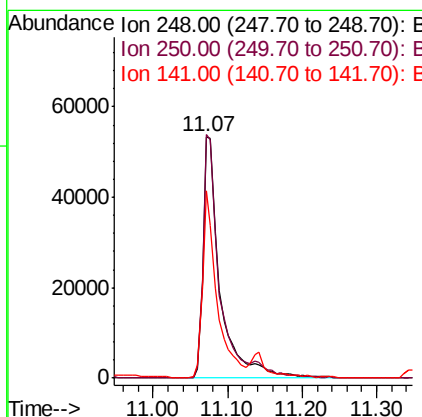
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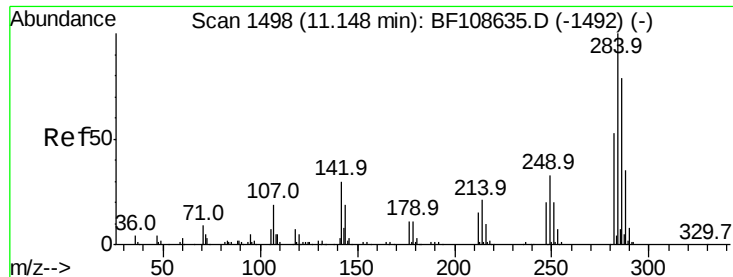
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#66
4-Bromophenyl-phenylether
Concen: 28.763 ng
RT: 11.07 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	86562		
250	101.0		76.9	115.3
141	77.8		74.4	111.6





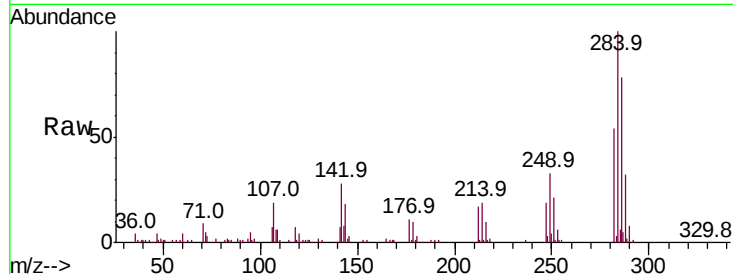
#67
Hexachlorobenzene
Concen: 27.492 ng
RT: 11.14 min Scan# 1497
Delta R.T. -0.01 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-036MSDRE

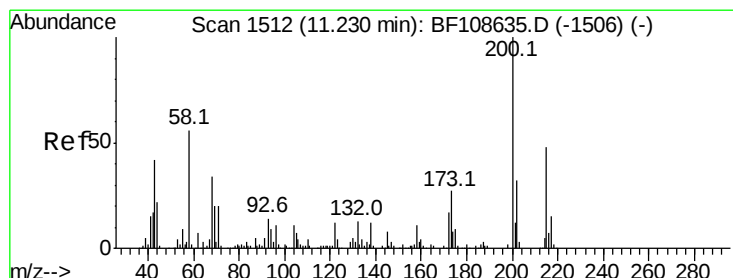
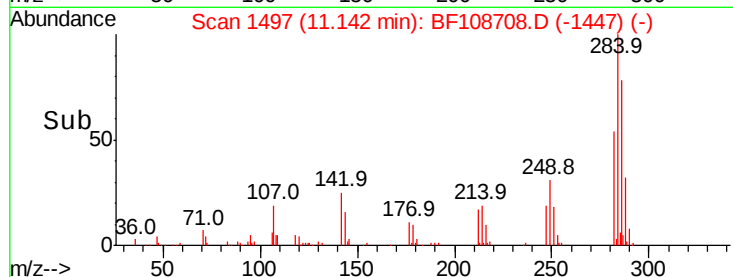
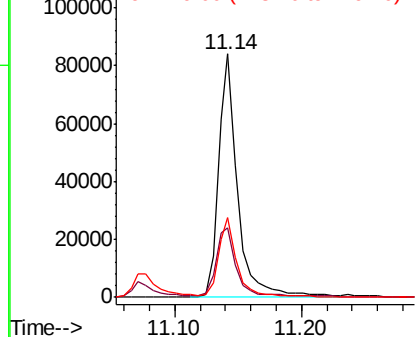
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	28.4	34.6	52.0	
249	32.6	24.8	37.2	

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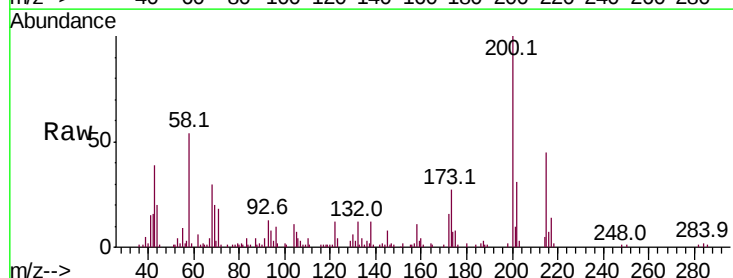


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

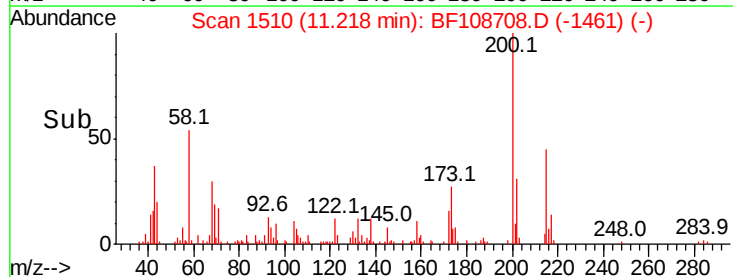
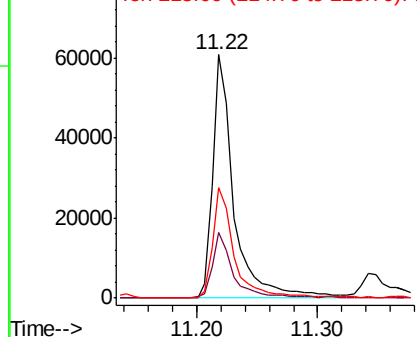


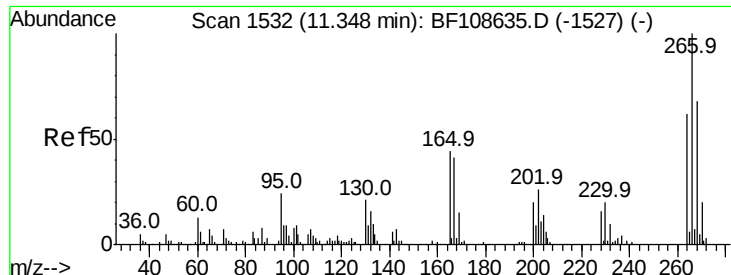
#68
Atrazine
Concen: 28.243 ng
RT: 11.22 min Scan# 1510
Delta R.T. -0.01 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.1	8.6	48.6	
215	45.5	25.1	65.1	



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





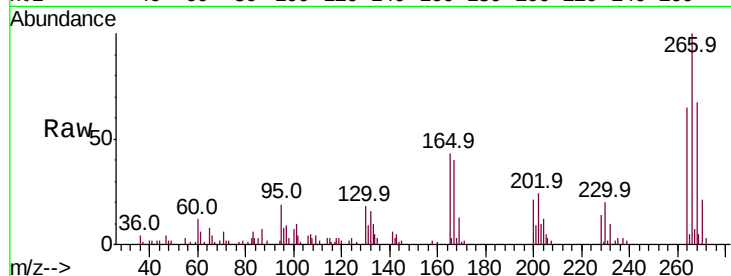
#69
 Pentachlorophenol
 Concen: 33.997 ng
 RT: 11.35 min Scan# 1532
 Delta R.T. -0.00 min
 Lab File: BF108708.D
 Acq: 31 Aug 2018 23:51

Instrument :
 BNA_F
 ClientSampleId :
 RA-081618-FL-036MSDRE

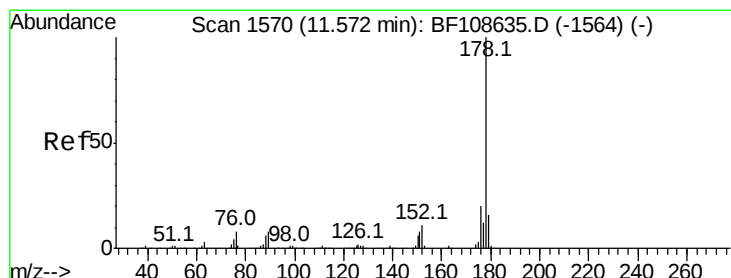
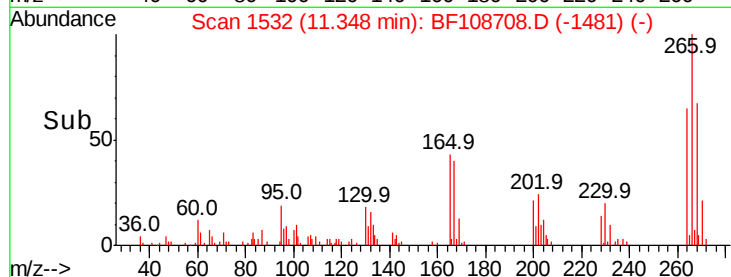
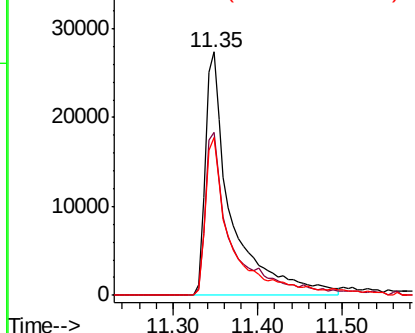
Tot Ion	Ratio	Lower	Upper
266	100		
268	67.0	51.1	76.7
264	64.7	49.5	74.3

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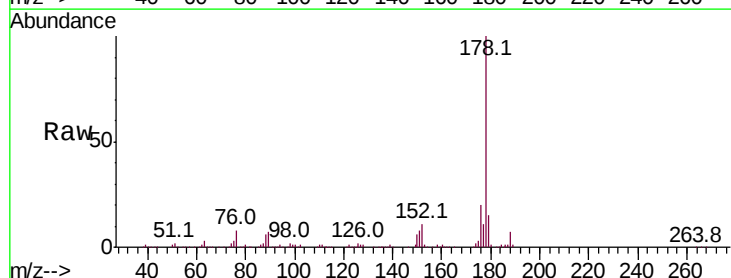


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

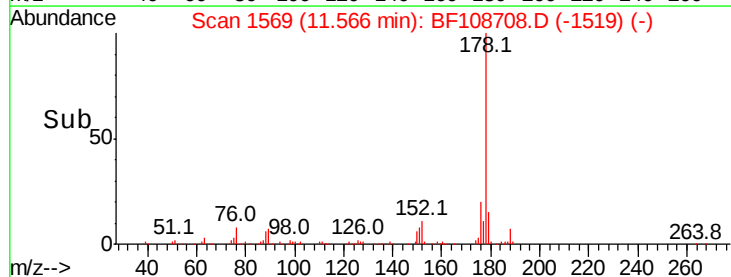
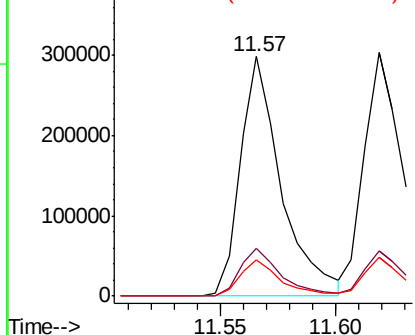


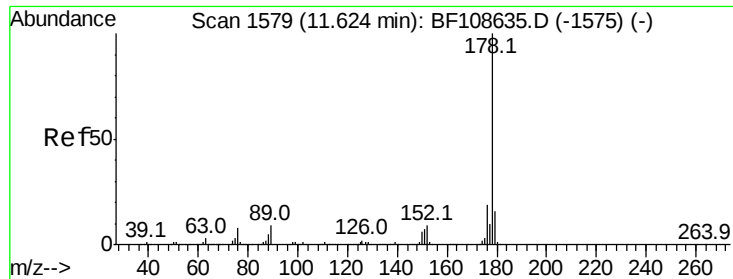
#70
 Phenanthrene
 Concen: 29.756 ng
 RT: 11.57 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF108708.D
 Acq: 31 Aug 2018 23:51

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	15.4	13.0	19.6



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





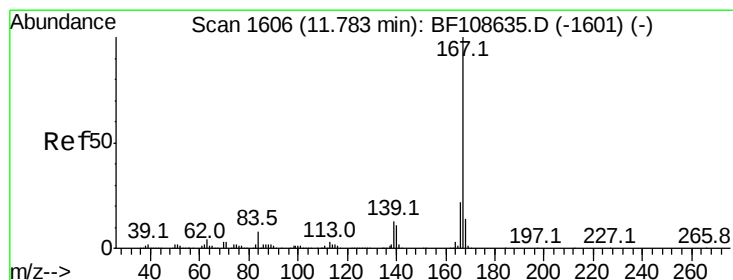
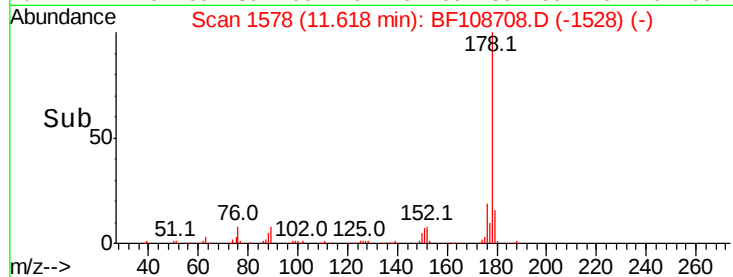
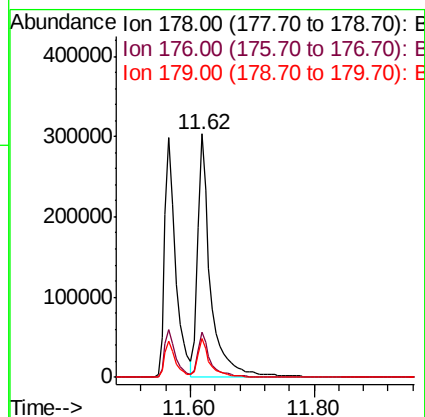
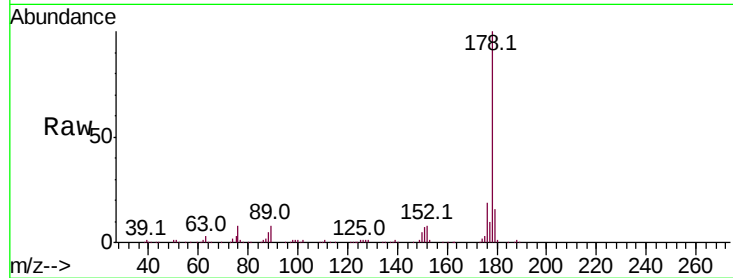
#71
 Anthracene
 Concen: 33.804 ng
 RT: 11.62 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF108708.D
 Acq: 31 Aug 2018 23:51

Instrument :
 BNA_F
 ClientSampleId :
 RA-081618-FL-036MSDRE

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	15.9	12.6	19.0

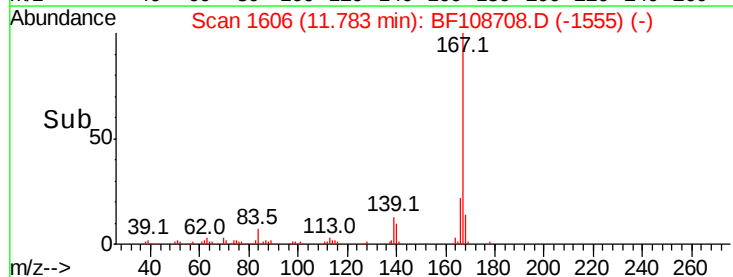
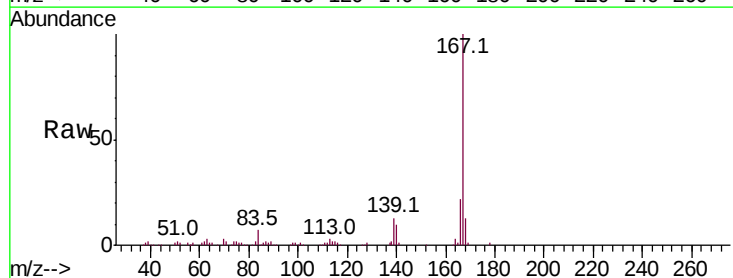
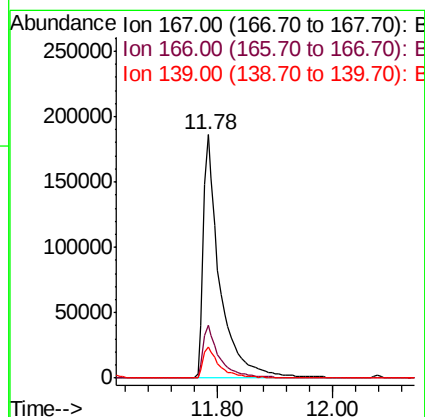
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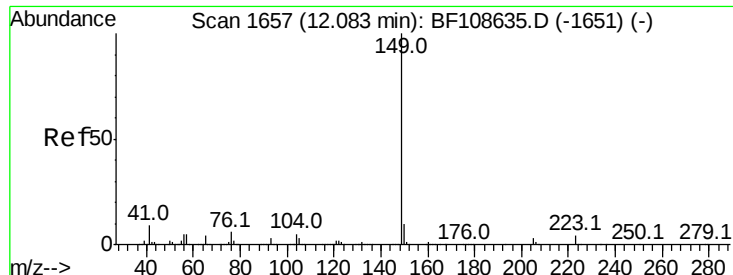
Sohil
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#72
 Carbazole
 Concen: 29.990 ng
 RT: 11.78 min Scan# 1606
 Delta R.T. -0.00 min
 Lab File: BF108708.D
 Acq: 31 Aug 2018 23:51

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.6	26.4
139	12.6	10.9	16.3





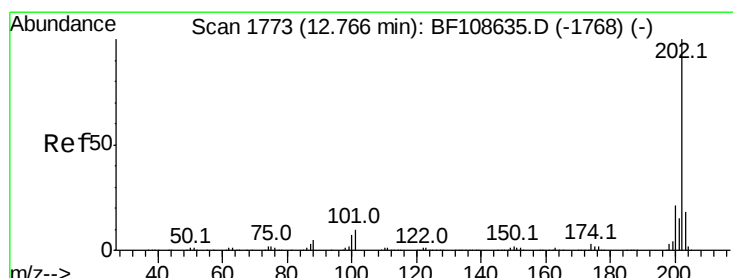
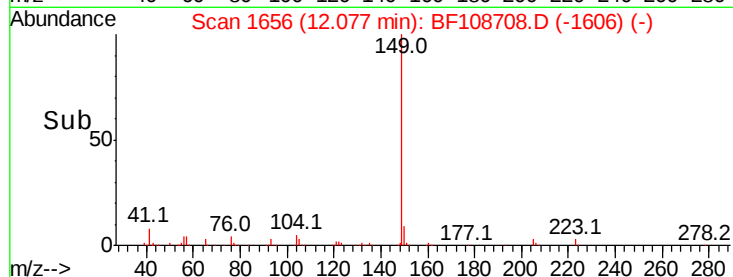
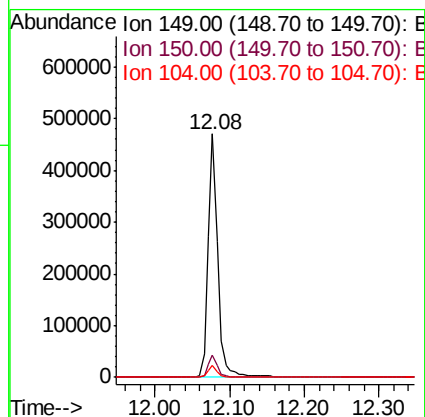
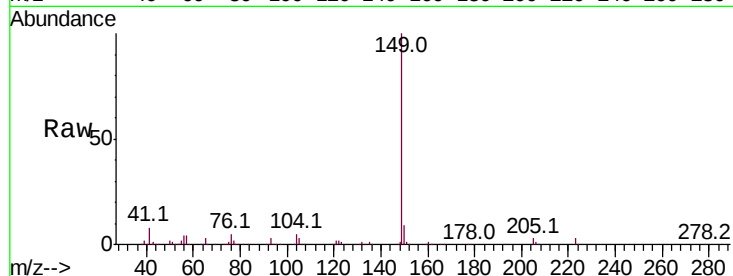
#73
Di-n-butylphthalate
Concen: 29.890 ng
RT: 12.08 min Scan# 1656
Delta R.T. -0.01 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-036MSDRE

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.1	7.8	11.6	
104	5.1	3.8	5.8	

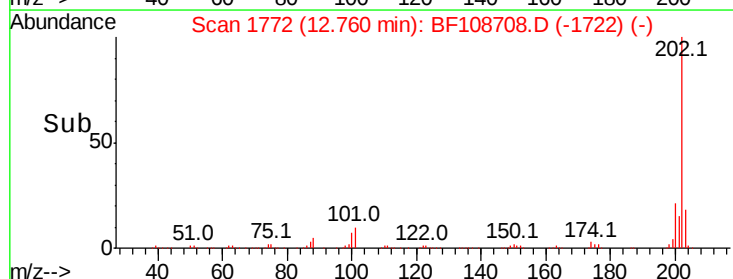
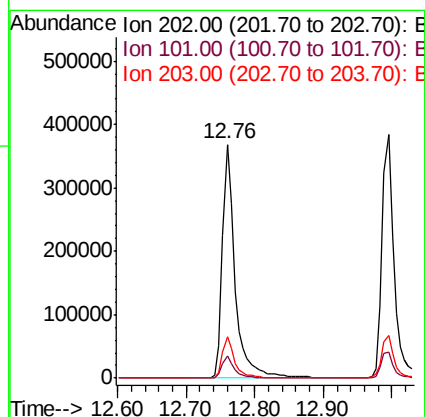
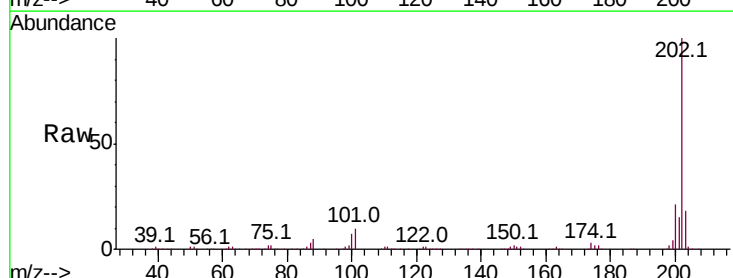
Manual Integrations
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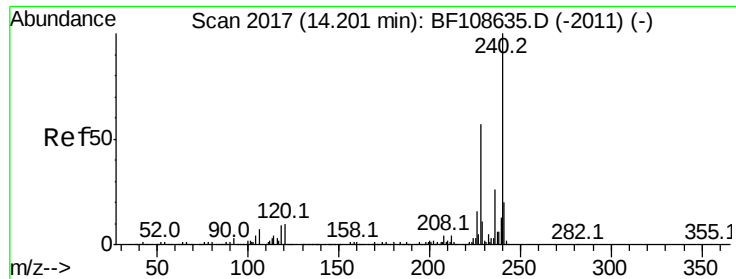
Sohil
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#74
Fluoranthene
Concen: 33.654 ng
RT: 12.76 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	9.5	0.0	34.1	
203	17.8	0.0	38.1	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108708.D

Acq: 31 Aug 2018 23:51

Instrument :

BNA_F

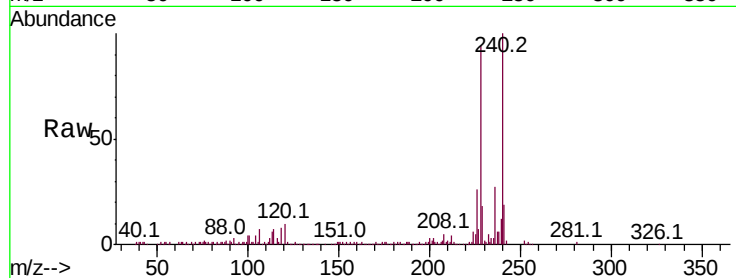
ClientSampleId :

RA-081618-FL-036MSDRE

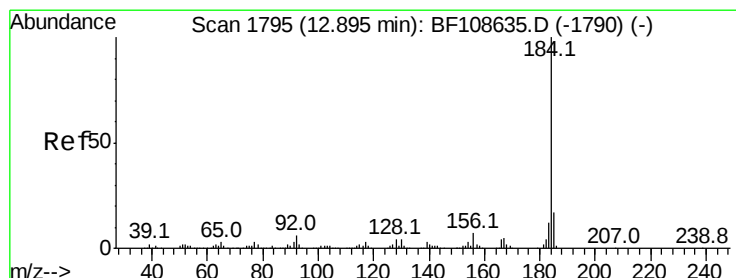
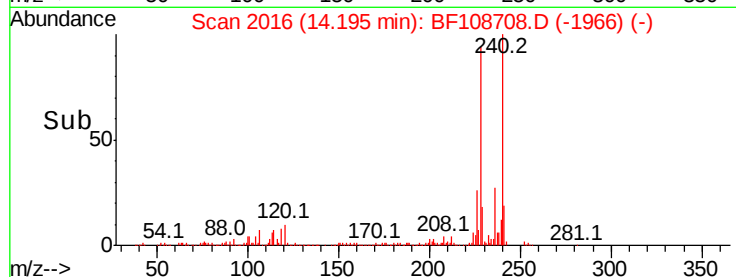
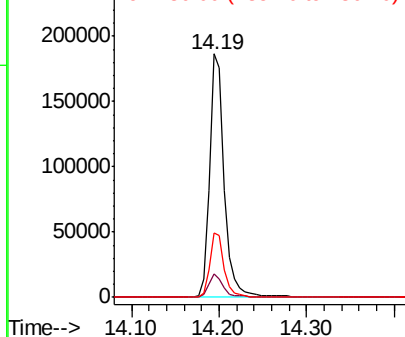
Tot Ion:	240	Resp:	215762
Ion Ratio	Lower	Upper	
240	100		
120	9.8	9.5	14.3
236	26.6	20.7	31.1

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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: 32.829 ng

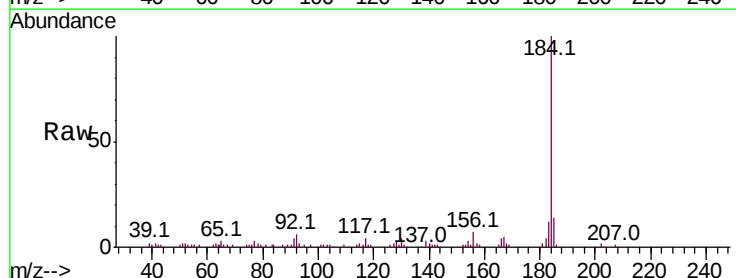
RT: 12.90 min Scan# 1796

Delta R.T. 0.01 min

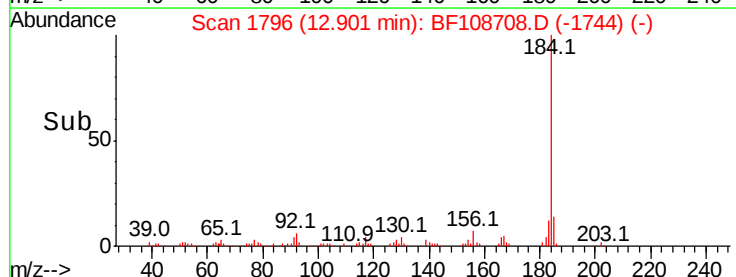
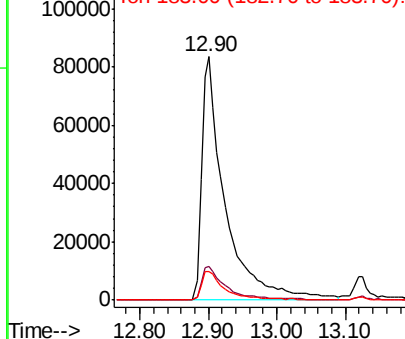
Lab File: BF108708.D

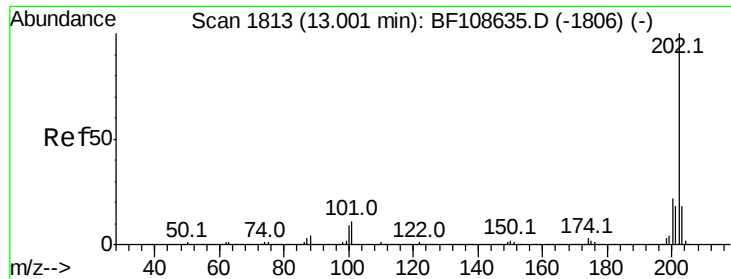
Acq: 31 Aug 2018 23:51

Tgt Ion:	184	Resp:	199387
Ion Ratio	Lower	Upper	
184	100		
185	14.0	12.6	18.8
183	11.6	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





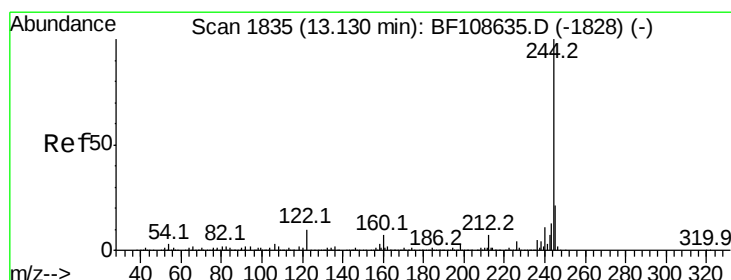
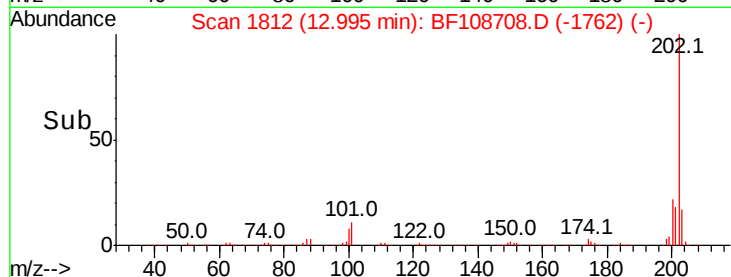
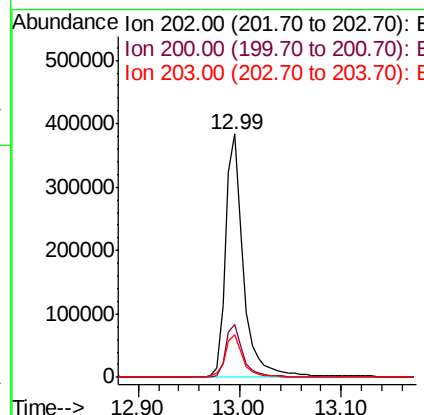
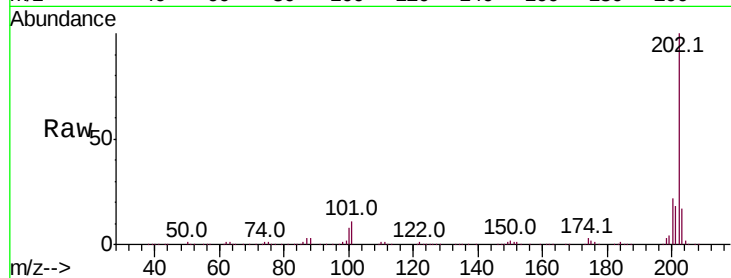
#77
Pvrene
Concen: 28.669 ng
RT: 12.99 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-036MSDRE

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.8		17.4	26.2
203	17.3		14.3	21.5

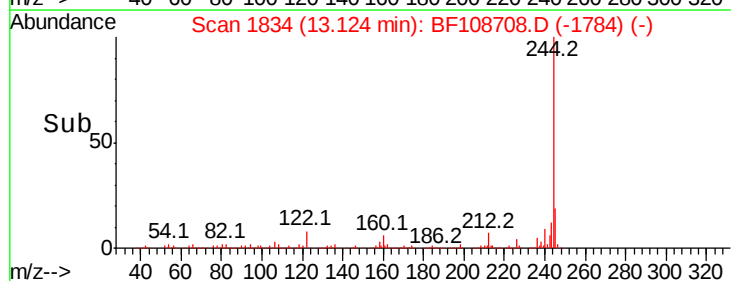
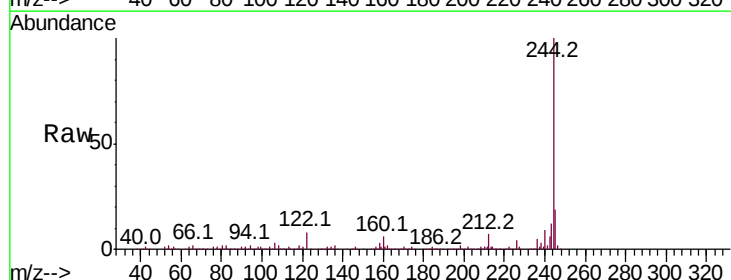
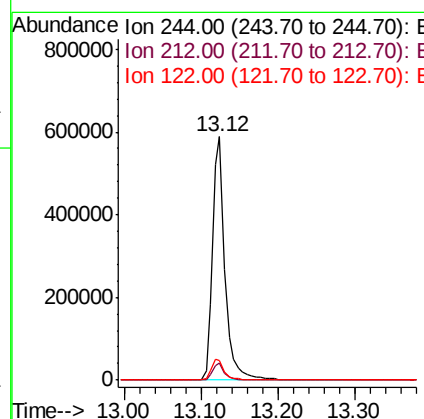
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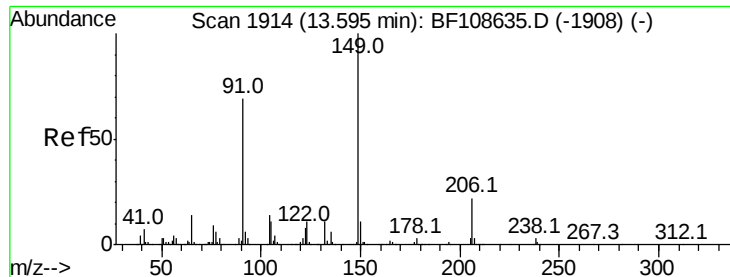
Sohil
9/4/2018 3:53:44 PM



#78
Terphenyl-d14
Concen: 59.176 ng
RT: 13.12 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.8		5.4	8.0
122	8.2		11.0	16.4#





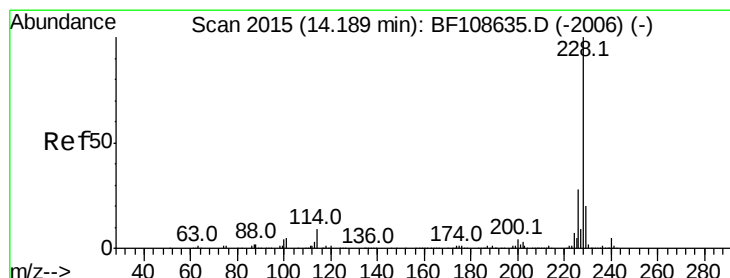
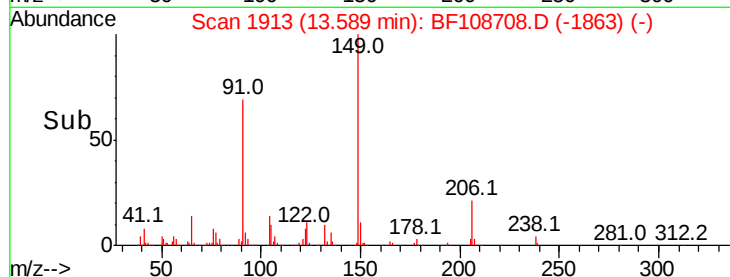
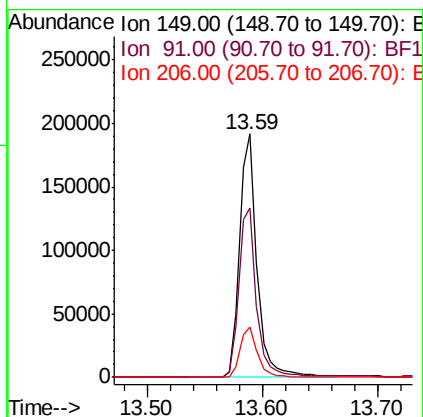
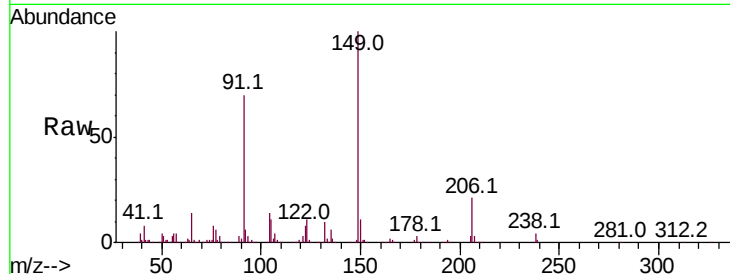
#79
Butylbenzylphthalate
Concen: 29.614 ng
RT: 13.59 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-036MSDRE

Tot Ion	Ratio	Resp	Lower	Upper
149	100	201970		
91	69.7	56.8	85.2	
206	20.9	14.1	21.1	

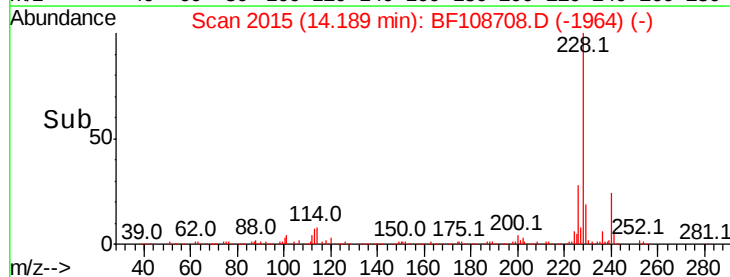
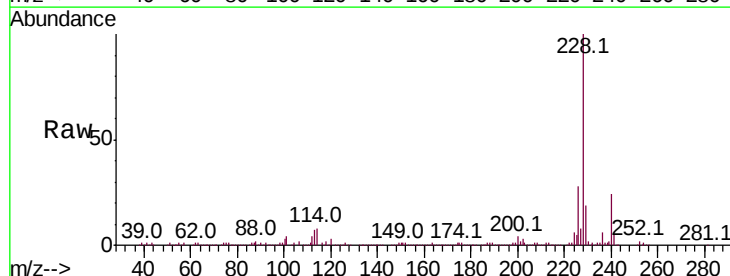
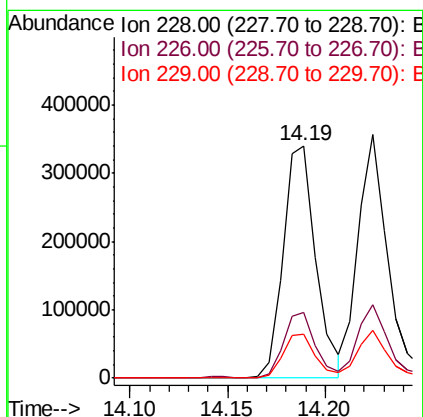
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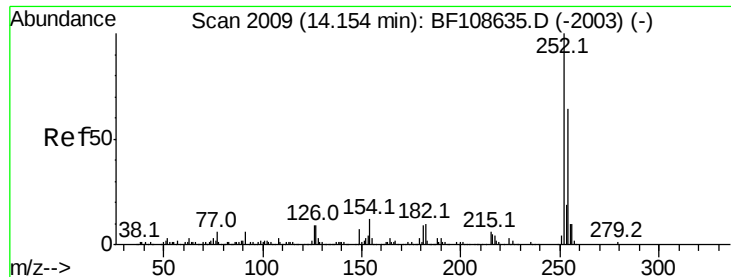
Sohil
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#80
Benzo(a)anthracene
Concen: 29.880 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	393019		
226	28.0	22.6	33.8	
229	19.1	15.8	23.6	





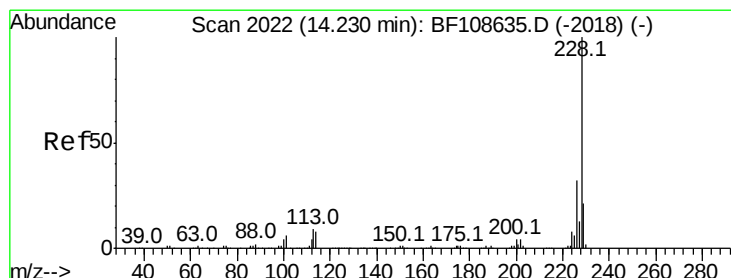
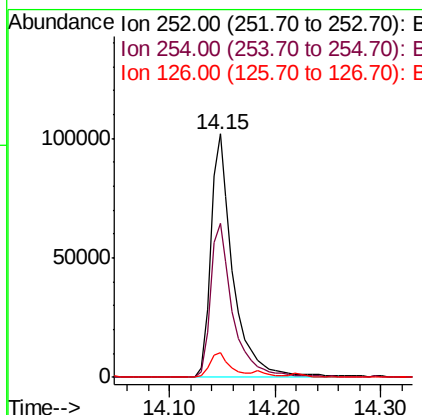
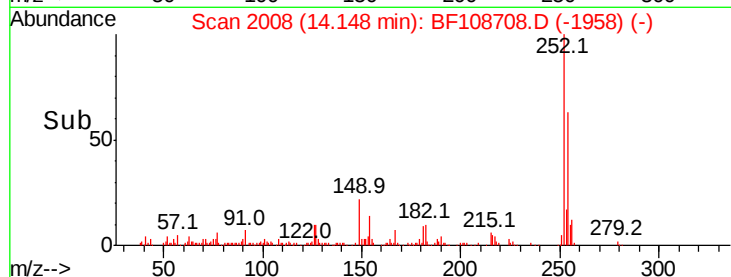
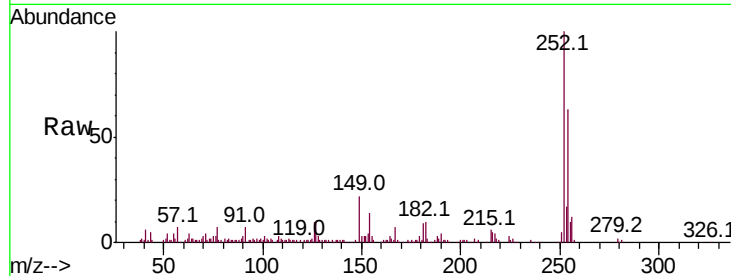
#81
 3,3'-Dichlorobenzidine
 Concen: 31.364 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF108708.D
 Acq: 31 Aug 2018 23:51

Instrument :
 BNA_F
 ClientSampleId :
 RA-081618-FL-036MSDRE

Tot Ion	Ratio	Resp	Lower	Upper
252	100	149609		
254	63.4	50.4	75.6	
126	10.3	11.3	16.9	

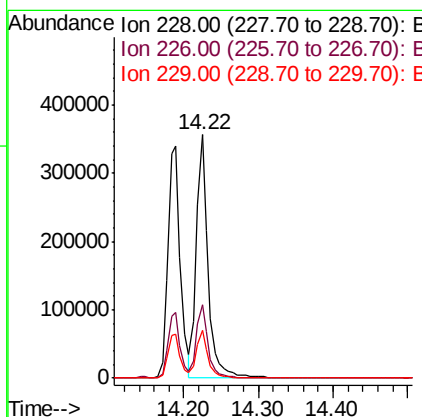
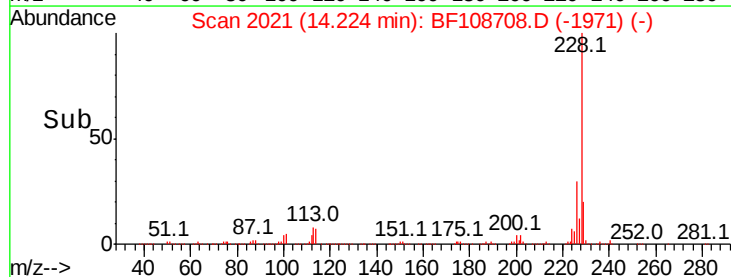
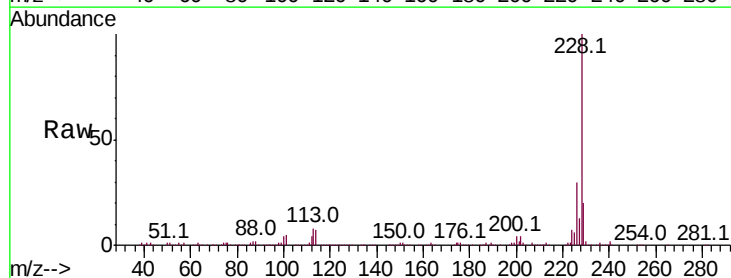
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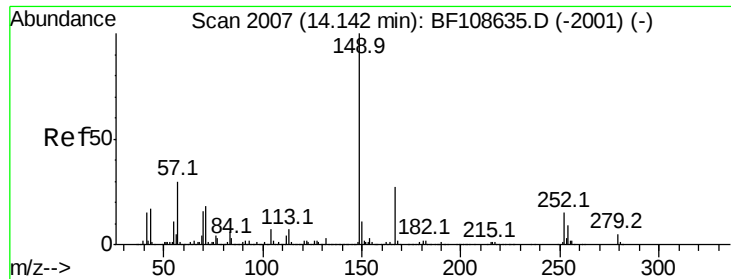
Sohil
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#82
 Chrysene
 Concen: 31.122 ng
 RT: 14.22 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF108708.D
 Acq: 31 Aug 2018 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	393677		
226	29.9	25.0	37.6	
229	19.7	16.2	24.4	





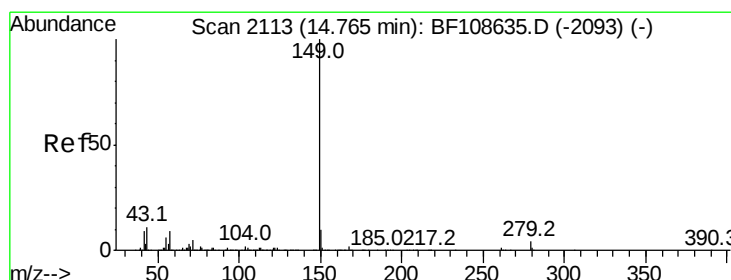
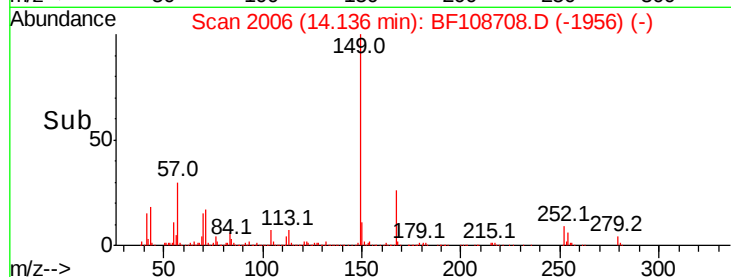
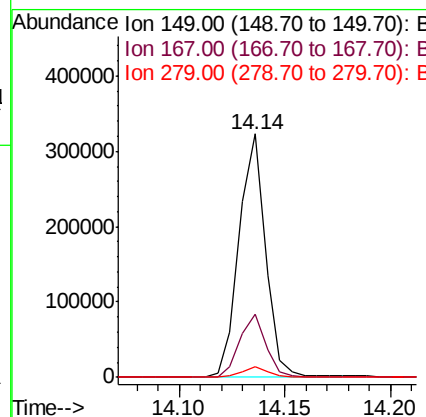
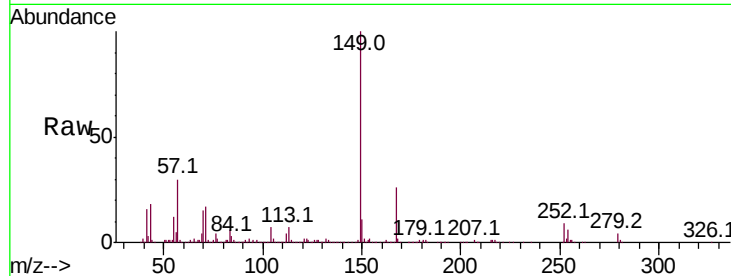
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 31.777 ng
 RT: 14.14 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF108708.D
 Acq: 31 Aug 2018 23:51

Instrument :
 BNA_F
 ClientSampleId :
 RA-081618-FL-036MSDRE

Tot Ion	Ratio	Resp	Lower	Upper
149	100	278571		
167	25.8	21.3	31.9	
279	4.4	3.0	4.4	

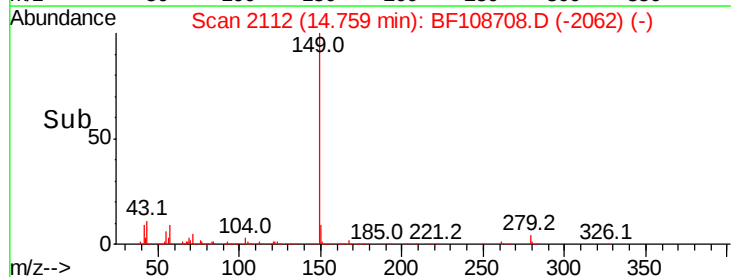
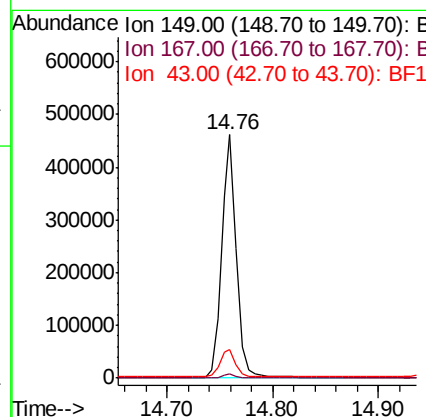
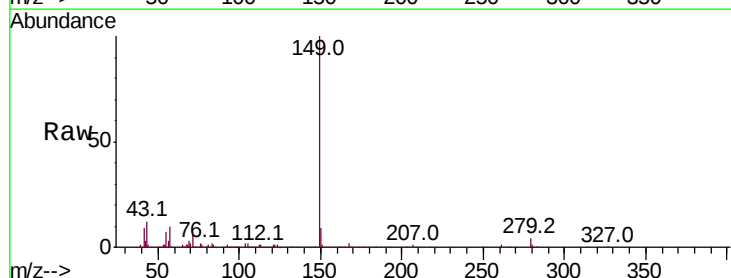
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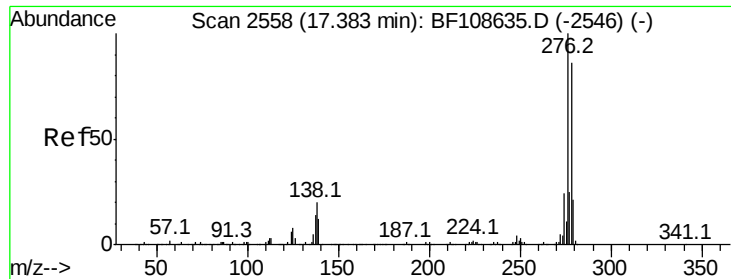
Sohil
 9/4/2018 3:53:44 PM



#84
 Di-n-octyl phthalate
 Concen: 35.179 ng
 RT: 14.76 min Scan# 2112
 Delta R.T. -0.01 min
 Lab File: BF108708.D
 Acq: 31 Aug 2018 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	453423		
167	1.7	1.2	1.8	
43	12.0	8.4	12.6	





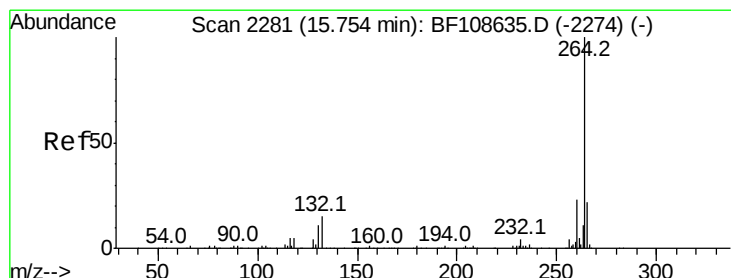
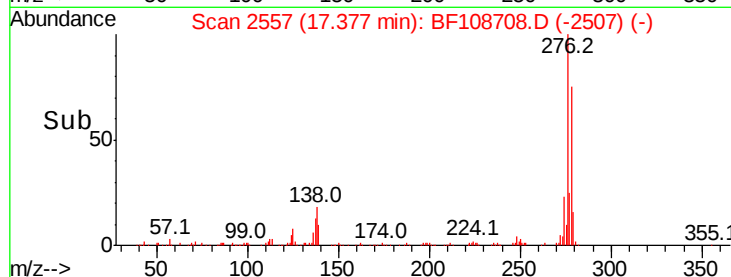
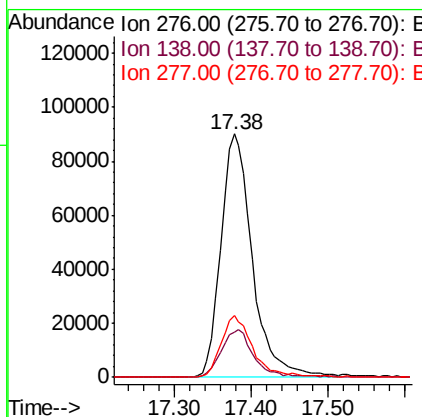
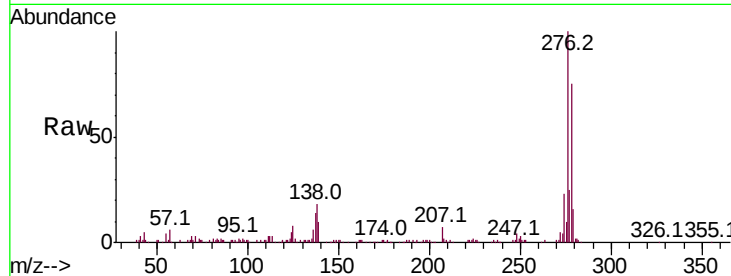
#85
Indeno(1,2,3-cd)pyrene
Concen: 29.145 ng
RT: 17.38 min Scan# 2557
Delta R.T. -0.01 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-036MSDRE

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.3	25.0	37.6#
277	25.2	20.1	30.1

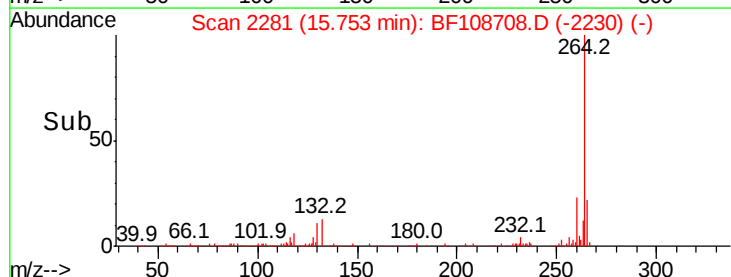
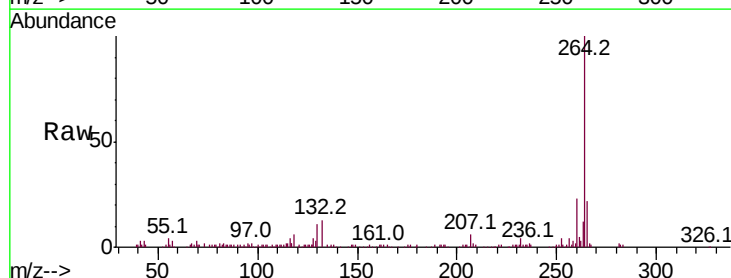
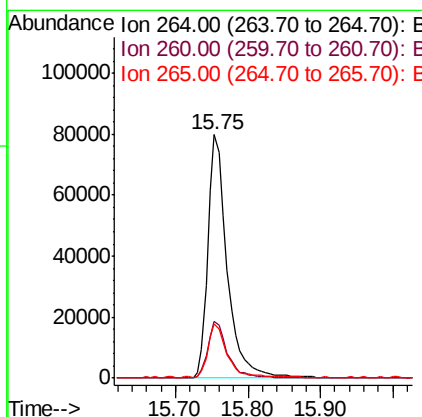
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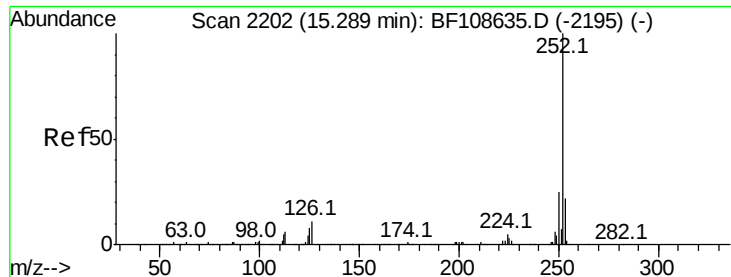
Sohil
9/4/2018 3:53:44 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.0	17.5	26.3





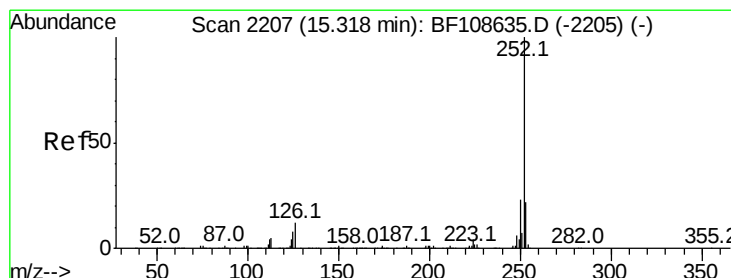
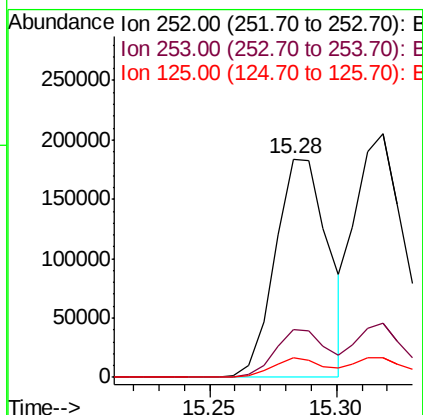
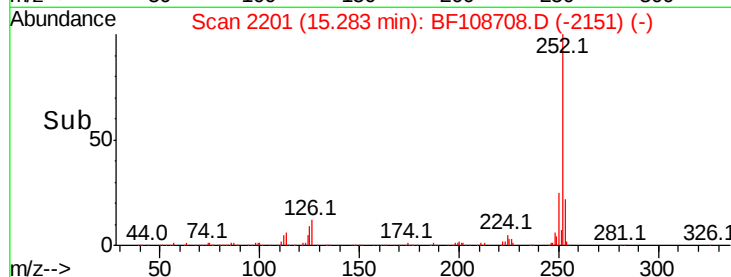
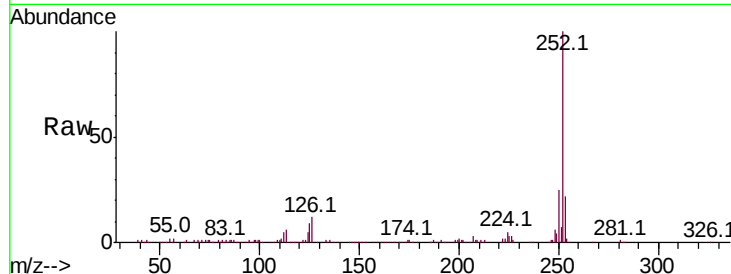
#87
Benzo(b)fluoranthene
Concen: 29.275 ng
RT: 15.28 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-036MSDRE

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	8.8	9.0	13.6#

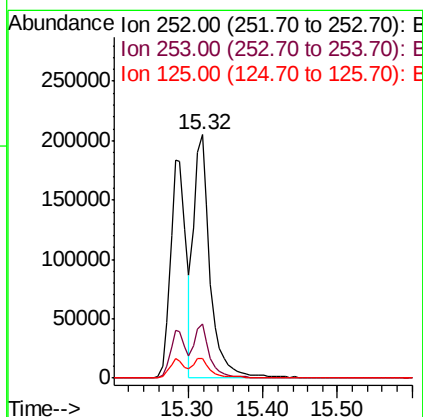
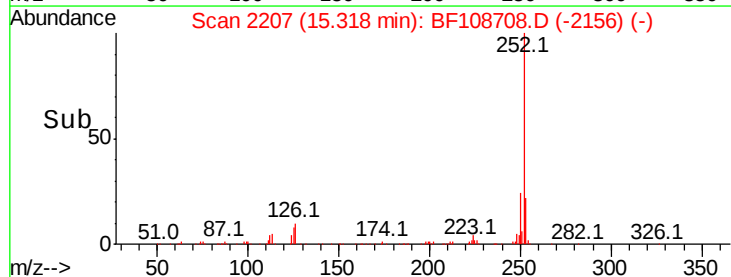
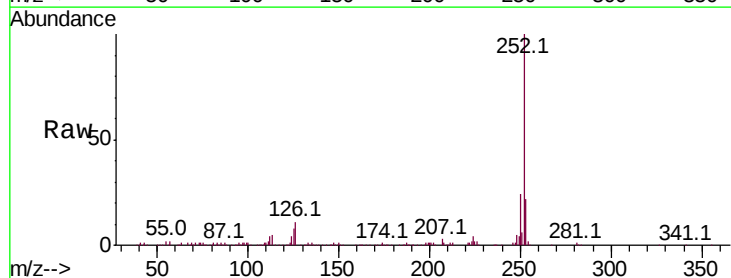
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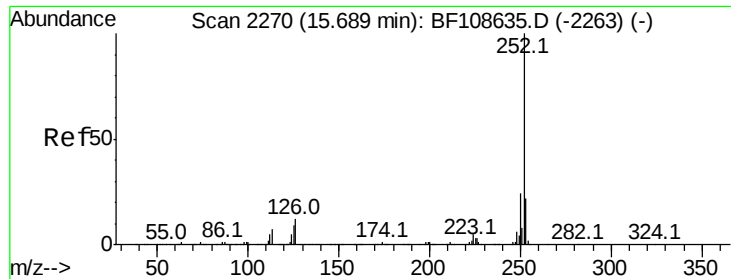
Sohil
9/4/2018 3:53:44 PM



#88
Benzo(k)fluoranthene
Concen: 34.540 ng
RT: 15.32 min Scan# 2207
Delta R.T. -0.00 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	7.8	10.2	15.2#





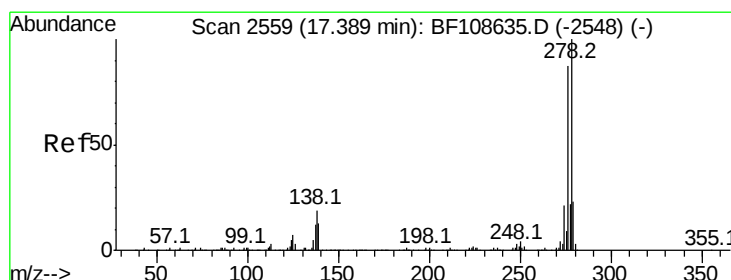
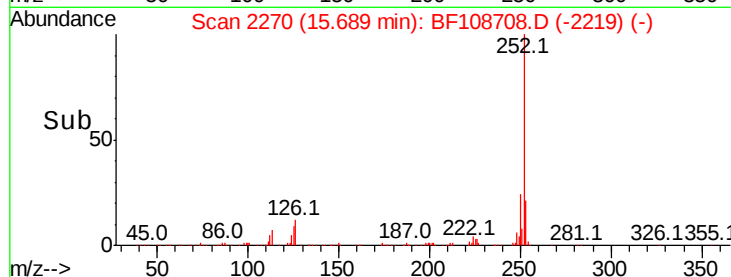
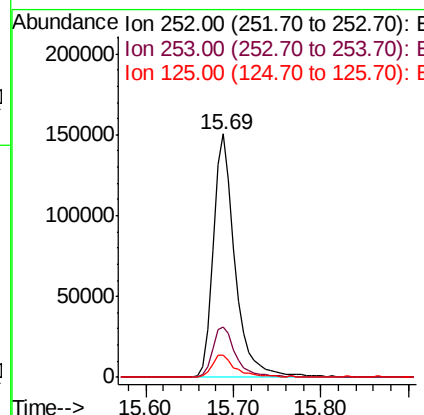
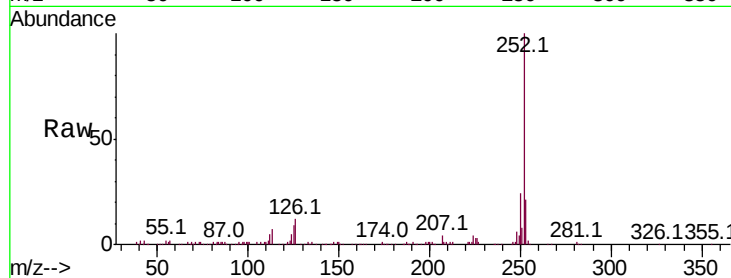
#89
Benzo(a)pyrene
Concen: 31.508 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-036MSDRE

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.1	25.7
125	9.3	9.8	14.6

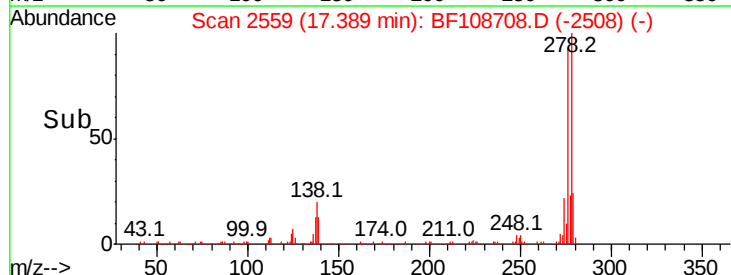
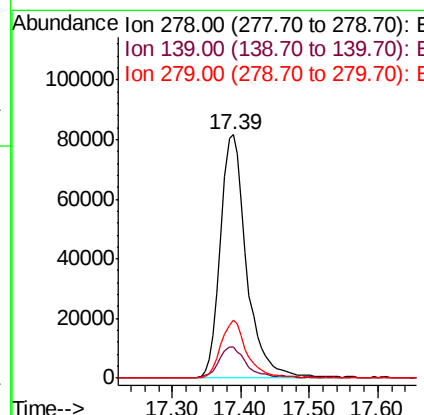
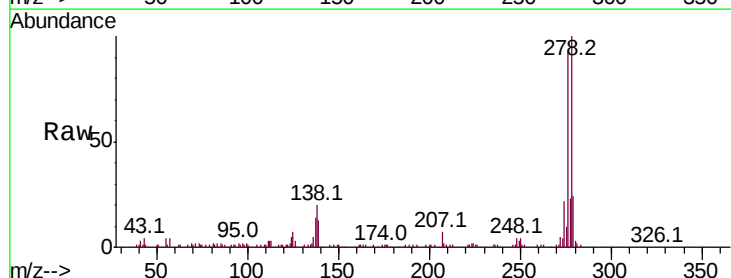
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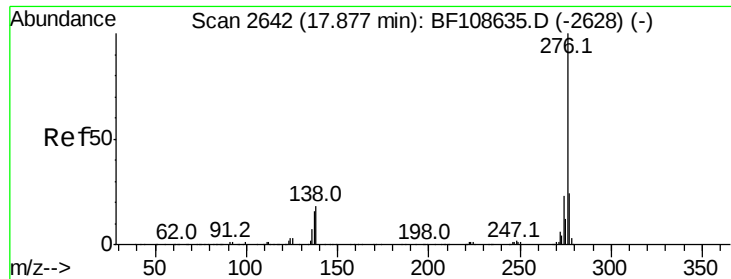
Sohil
9/4/2018 3:53:44 PM



#90
Dibenzo(a,h)anthracene
Concen: 32.956 ng
RT: 17.39 min Scan# 2559
Delta R.T. -0.00 min
Lab File: BF108708.D
Acq: 31 Aug 2018 23:51

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.9	15.9	23.9
279	24.0	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 32.830 ng
 RT: 17.87 min Scan# 2641
 Delta R.T. -0.01 min
 Lab File: BF108708.D
 Acq: 31 Aug 2018 23:51

Instrument :
 BNA_F
 ClientSampleId :
 RA-081618-FL-036MSDRE

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

Manual Integrations
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Sohil
 9/4/2018 3:53:44 PM

