

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
 Data File : BF108707.D
 Acq On : 31 Aug 2018 23:25
 Operator : JU/SJ
 Sample : J4535-04MSRE
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Sohil
 9/4/2018 3:53:42 PM

Quant Time: Sep 04 05:58:20 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	76157	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	278258	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	113985	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	223925	20.00	ng	0.00
75) Chrysene-d12	14.20	240	200873	20.00	ng	0.00
86) Perylene-d12	15.75	264	133548	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	420985	96.03	ng	0.00
7) Phenol-d6	6.64	99	609578	97.08	ng	-0.01
23) Nitrobenzene-d5	7.57	82	437562	79.82	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	147166	97.80	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	666778	78.65	ng	0.00
78) Terphenyl-d14	13.12	244	743986	71.96	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.93	88	65576	32.187	ng	91
3) Pyridine	3.74	79	127591	27.105	ng	88
4) n-Nitrosodimethylamine	3.70	42	56889	24.228	ng	80
6) Aniline	6.69	93	141034	20.816	ng	# 81
8) 2-Chlorophenol	6.79	128	185242	34.559	ng	92
9) Benzaldehyde	6.58	77	91983m	23.702	ng	
10) Phenol	6.65	94	190842	26.064	ng	83
11) bis(2-Chloroethyl)ether	6.73	93	205233	31.832	ng	97
12) 1,3-Dichlorobenzene	6.94	146	213440	34.343	ng	99
13) 1,4-Dichlorobenzene	7.02	146	241200	35.554	ng	99
14) 1,2-Dichlorobenzene	7.17	146	230460	36.989	ng	97
15) Benzyl Alcohol	7.16	79	113784m	25.192	ng	
16) 2,2'-oxybis(1-Chloropropan	7.26	45	349325	35.318	ng	69
17) 2-Methylphenol	7.26	107	133766	32.097	ng	# 59
18) Hexachloroethane	7.50	117	69478	29.780	ng	97
19) n-Nitroso-di-n-propylamine	7.40	70	143497	34.127	ng	92
20) 3+4-Methylphenols	7.42	107	144660	27.704	ng	# 24
22) Acetophenone	7.41	105	283135	40.760	ng	# 91
24) Nitrobenzene	7.59	77	191291	34.414	ng	95
25) Isophorone	7.81	82	364947	40.075	ng	97
26) 2-Nitrophenol	7.91	139	56169	22.322	ng	93
27) 2,4-Dimethylphenol	7.93	122	161781	44.207	ng	94
28) bis(2-Chloroethoxy)methane	8.02	93	217546	37.816	ng	98
29) 2,4-Dichlorophenol	8.15	162	140003	32.246	ng	99
30) 1,2,4-Trichlorobenzene	8.22	180	180688	37.216	ng	99
31) Naphthalene	8.30	128	558405	42.132	ng	100
32) Benzoic acid	8.06	122	19528m	8.321	ng	
33) 4-Chloroaniline	8.37	127	139836	23.901	ng	95
34) Hexachlorobutadiene	8.41	225	115731	36.304	ng	99
35) Caprolactam	8.71	113	32037	27.692	ng	# 85
36) 4-Chloro-3-methylphenol	8.84	107	137366	29.479	ng	97
37) 2-Methylnaphthalene	9.00	142	328288	36.610	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	171756	42.444	ng	# 96
40) Hexachlorocyclopentadiene	9.14	237	6054	10.255	ng	98

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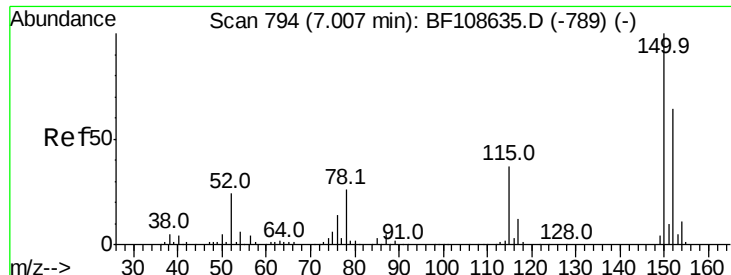
Manual Integrations
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 9/4/2018 3:53:42 PM

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	79765	33.286	nq	98
43) 2,4,5-Trichlorophenol	9.33	196	108651	38.881	nq	95
45) 1,1'-Biphenyl	9.46	154	396791	39.986	nq	97
46) 2-Chloronaphthalene	9.49	162	297652	38.315	nq	97
47) 2-Nitroaniline	9.60	65	96931	37.306	nq	90
48) Acenaphthylene	9.91	152	448184	39.406	nq	100
49) Dimethylphthalate	9.75	163	412092	45.911	nq	99
50) 2,6-Dinitrotoluene	9.82	165	61922	31.297	nq #	91
51) Acenaphthene	10.08	154	256368	37.700	nq	99
52) 3-Nitroaniline	10.02	138	79824	37.295	nq	91
54) Dibenzofuran	10.25	168	375024	35.244	nq	93
55) 4-Nitrophenol	10.21	139	43833m	34.951	nq	
56) 2,4-Dinitrotoluene	10.24	165	69547	26.548	nq #	80
57) Fluorene	10.60	166	301322	36.540	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	92997	37.148	nq #	81
59) Diethylphthalate	10.45	149	329445	36.431	nq	97
60) 4-Chlorophenyl-phenylether	10.58	204	157566	33.673	nq	94
61) 4-Nitroaniline	10.65	138	78768	38.032	nq	93
62) Azobenzene	10.74	77	304882	33.920	nq	92
65) n-Nitrosodiphenylamine	10.70	169	270589	36.371	nq	95
66) 4-Bromophenyl-phenylether	11.07	248	100648	36.571	nq #	90
67) Hexachlorobenzene	11.14	284	102040	34.415	nq #	88
68) Atrazine	11.22	200	78777	35.077	nq	97
69) Pentachlorophenol	11.34	266	71734	45.531	nq	96
70) Phenanthrene	11.57	178	418320	37.011	nq	98
71) Anthracene	11.62	178	486900	40.999	nq	99
72) Carbazole	11.78	167	429277	37.382	nq	98
73) Di-n-butylphthalate	12.08	149	484619	36.681	nq	99
74) Fluoranthene	12.76	202	530313	41.683	nq	94
76) Benzidine	12.90	184	141681	25.057	nq	97
77) Pyrene	12.99	202	531020	35.167	nq	99
79) Butylbenzylphthalate	13.59	149	234403	36.917	nq #	94
80) Benzo(a)anthracene	14.19	228	450747	36.809	nq	98
81) 3,3'-Dichlorobenzidine	14.15	252	166035	37.387	nq #	96
82) Chrysene	14.22	228	448112	38.052	nq	98
83) Bis(2-ethylhexyl)phthalate	14.14	149	317805	38.940	nq #	98
84) Di-n-octyl phthalate	14.76	149	520389	43.367	nq	95
85) Indeno(1,2,3-cd)pyrene	17.38	276	291390	35.586	nq #	89
87) Benzo(b)fluoranthene	15.28	252	310945	37.903	nq #	97
88) Benzo(k)fluoranthene	15.32	252	342168	42.104	nq #	94
89) Benzo(a)pyrene	15.69	252	293332	39.566	nq #	97
90) Dibenzo(a,h)anthracene	17.39	278	248320	41.938	nq #	92
91) Benzo(g,h,i)perylene	17.88	276	242083	42.066	nq #	88

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



#1

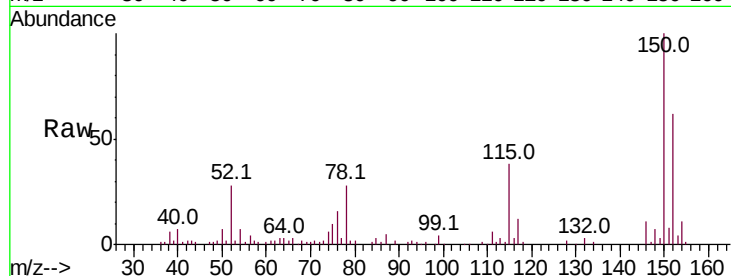
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108707.D
Acq: 31 Aug 2018 23:25

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.1	124.6	186.8
115	60.6	50.1	75.1

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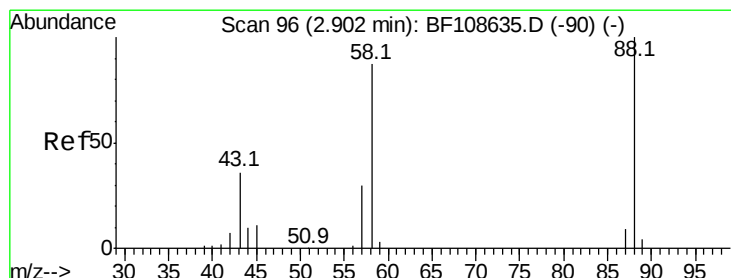
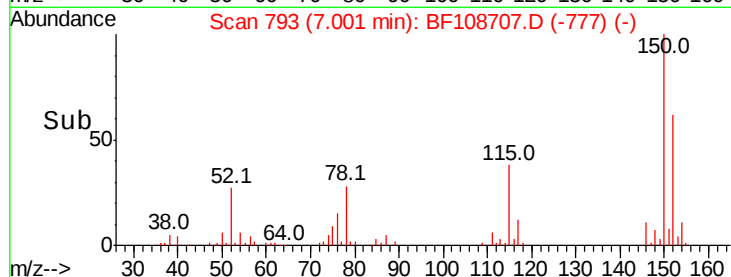
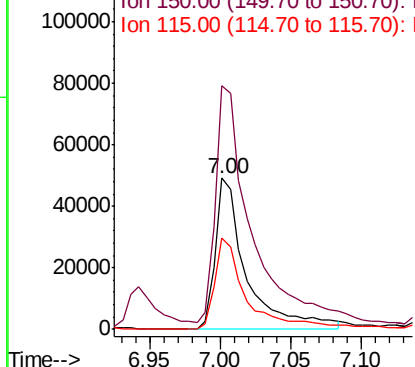


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

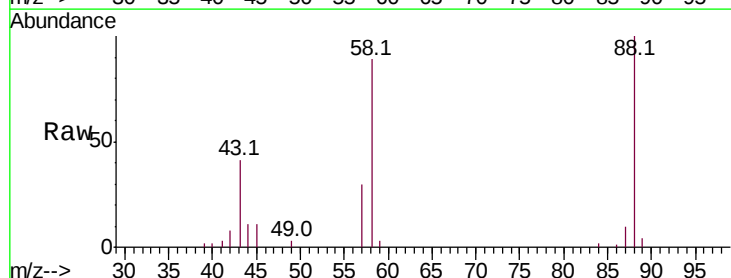
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 32.187 ng
RT: 2.93 min Scan# 101
Delta R.T. 0.03 min
Lab File: BF108707.D
Acq: 31 Aug 2018 23:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.5	62.6	93.8
43	35.9	24.6	37.0

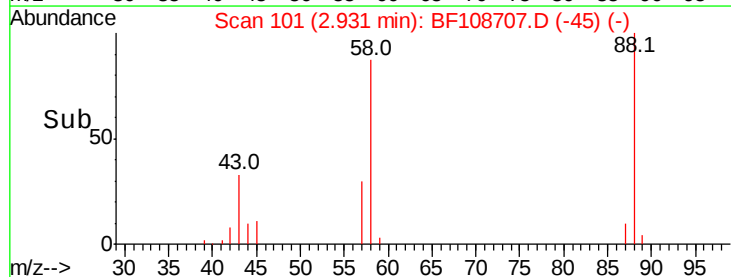
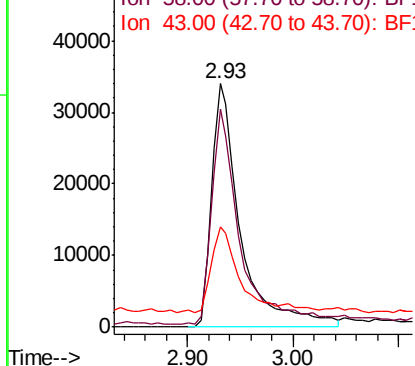


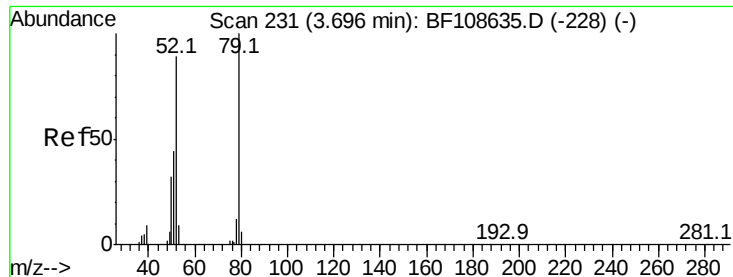
Abundance

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: 27.105 ng

RT: 3.74 min Scan# 238

Delta R.T. 0.04 min

Lab File: BF108707.D

Acq: 31 Aug 2018 23:25

Instrument :

BNA_F

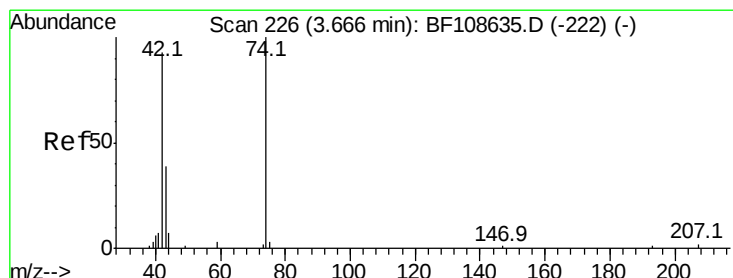
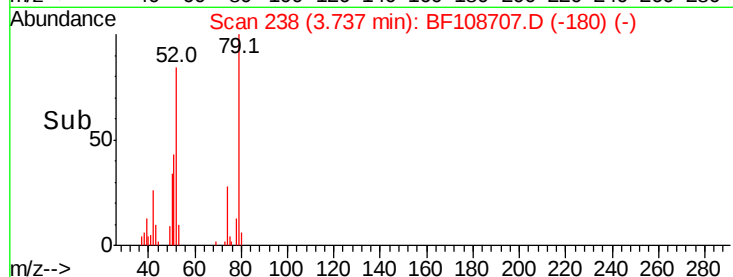
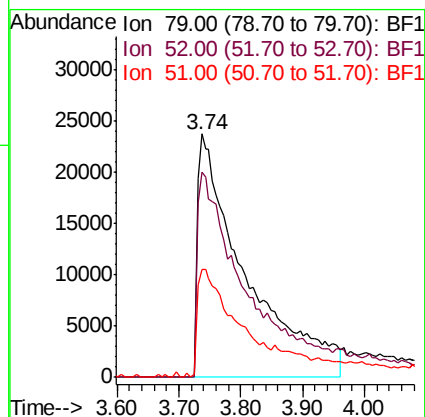
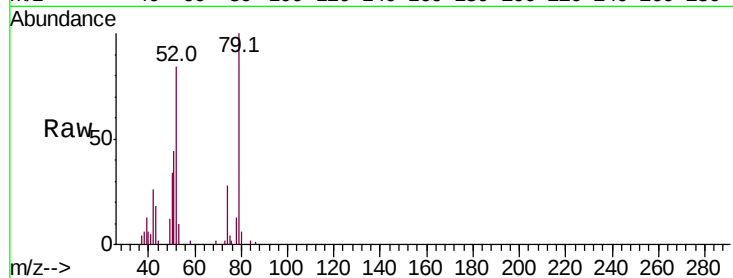
ClientSampleId :

RA-081618-FL-036MSRE

Tot Ion:	79	Resp:	127591
Ion Ratio	Lower	Upper	
79	100		
52	84.4	59.8	89.6
51	44.3	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 24.228 ng

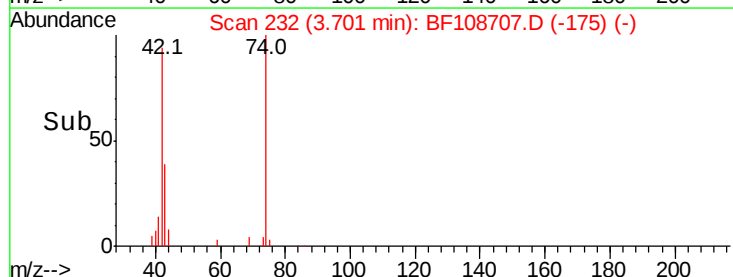
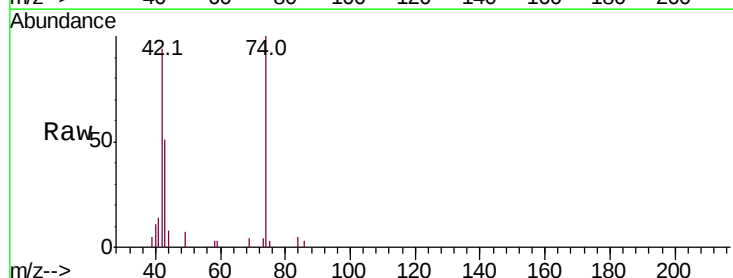
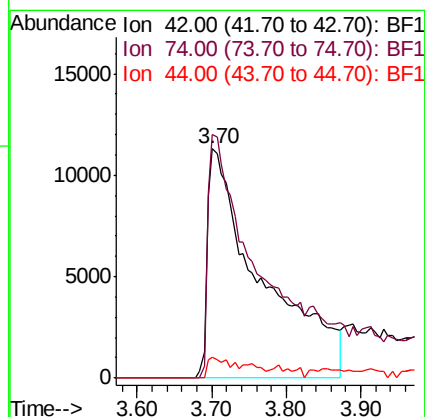
RT: 3.70 min Scan# 232

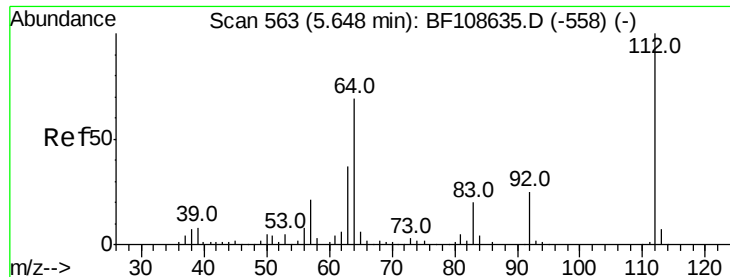
Delta R.T. 0.04 min

Lab File: BF108707.D

Acq: 31 Aug 2018 23:25

Tgt Ion:	42	Resp:	56889
Ion Ratio	Lower	Upper	
42	100		
74	106.2	104.9	157.3
44	9.0	6.9	10.3





#5

2-Fluorophenol

Concen: 96.030 ng

RT: 5.64 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF108707.D

Acq: 31 Aug 2018 23:25

Instrument :

BNA_F

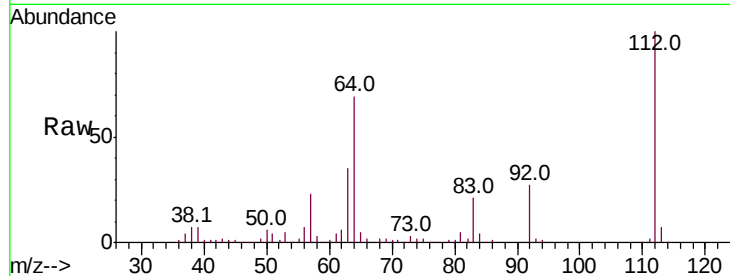
ClientSampleId :

RA-081618-FL-036MSRE

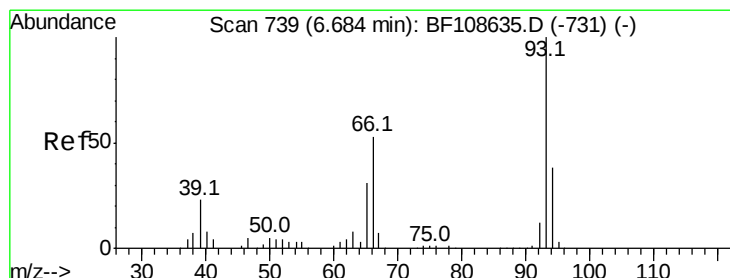
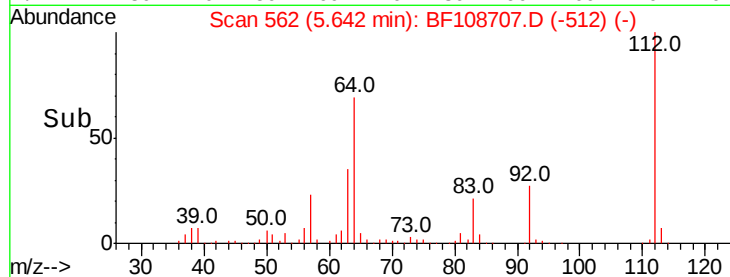
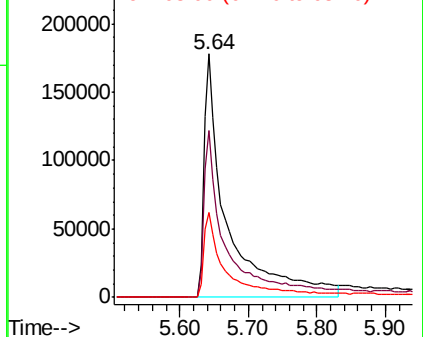
Tot Ion:	112	Resp:	420985
Ion Ratio	Lower	Upper	
112	100		
64	68.5	47.9	71.9
63	34.9	23.7	35.5

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 20.816 ng

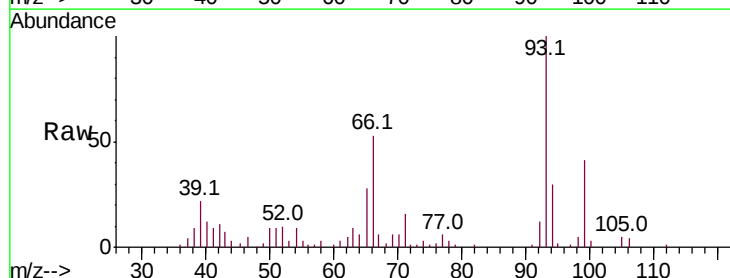
RT: 6.69 min Scan# 740

Delta R.T. 0.01 min

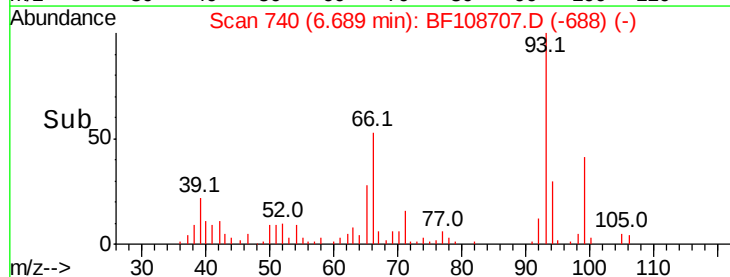
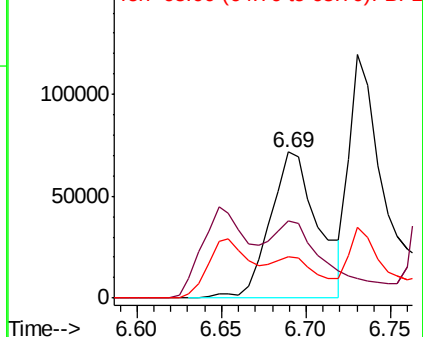
Lab File: BF108707.D

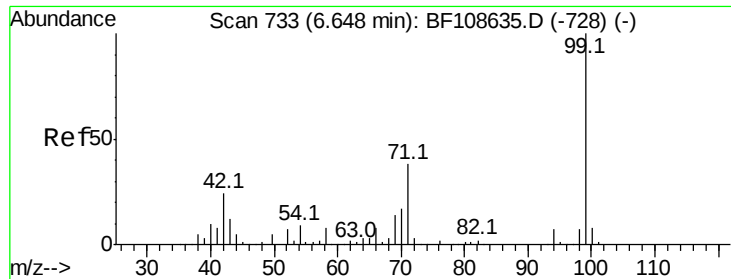
Acq: 31 Aug 2018 23:25

Tgt Ion:	93	Resp:	141034
Ion Ratio	Lower	Upper	
93	100		
66	53.1	32.2	48.2#
65	28.0	16.4	24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 97.084 ng

RT: 6.64 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF108707.D

Acq: 31 Aug 2018 23:25

Instrument :

BNA_F

ClientSampleId :

RA-081618-FL-036MSRE

Tot Ion: 99 Resp: 609578

Ion Ratio Lower Upper

99 100

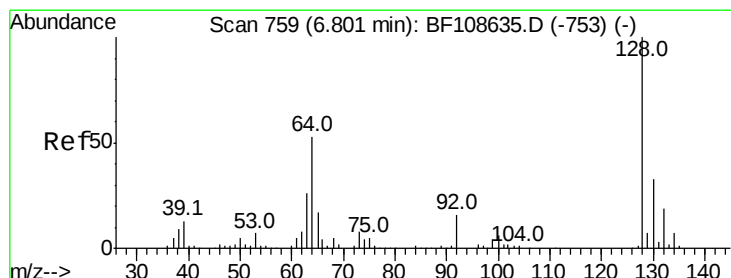
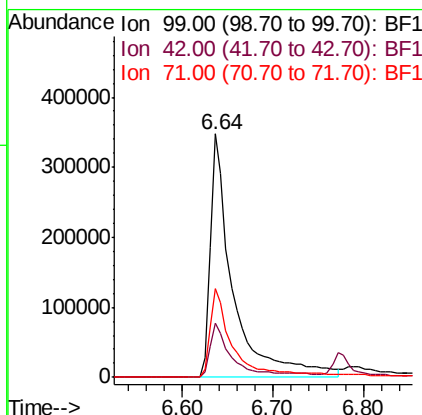
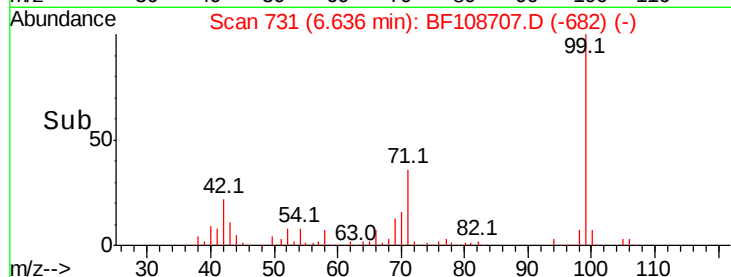
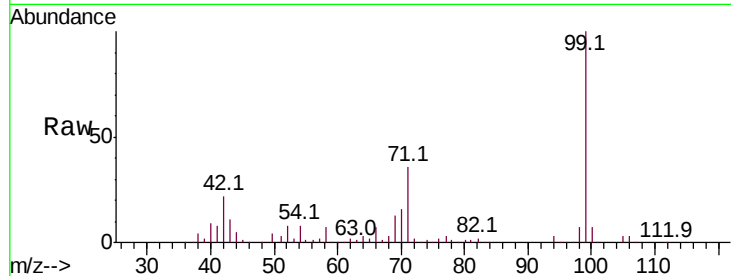
42 22.4 14.5 21.7#

71 36.5 25.4 38.0

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#8

2-Chlorophenol

Concen: 34.559 ng

RT: 6.79 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF108707.D

Acq: 31 Aug 2018 23:25

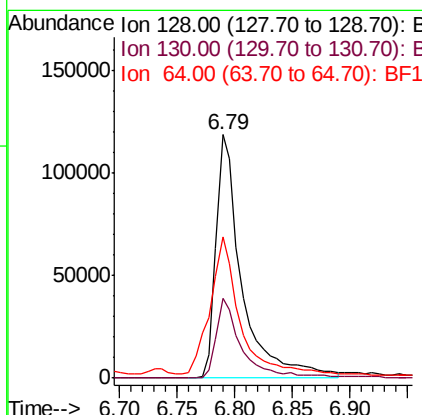
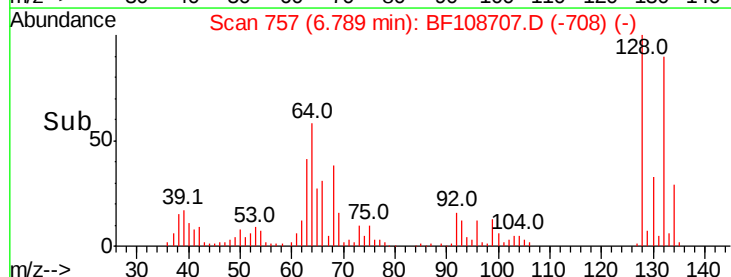
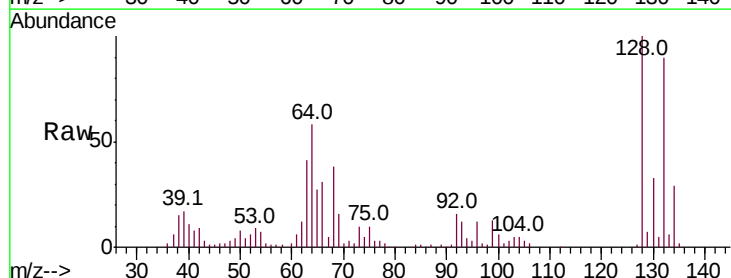
Tgt Ion:128 Resp: 185242

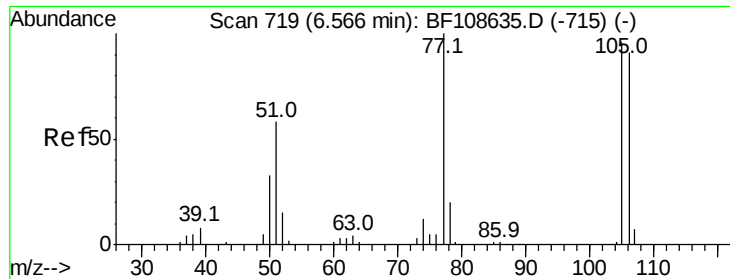
Ion Ratio Lower Upper

128 100

130 32.7 13.0 53.0

64 58.0 29.4 69.4





#9

Benzaldehyde

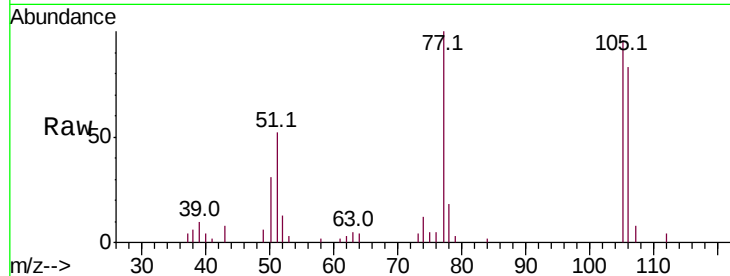
Concen: 23.702 ng/ml
 RT: 6.58 min Scan# 722
 Delta R.T. 0.02 min
 Lab File: BF108707.D
 Acq: 31 Aug 2018 23:25

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

Tot Ion	Ratio	Lower	Upper
77	100		
105	96.0	81.1	121.1
106	82.6	74.5	114.5

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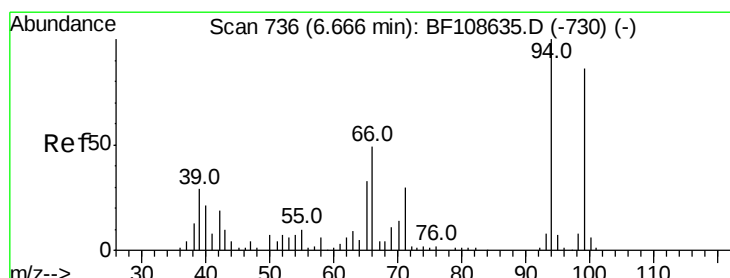
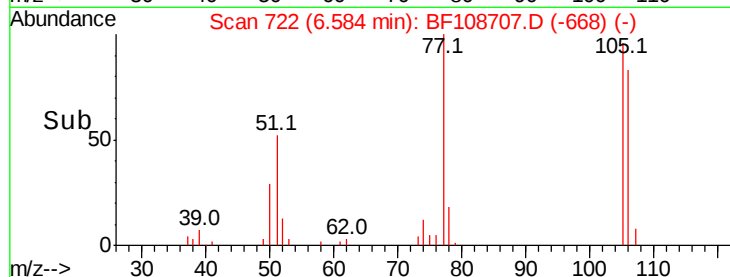
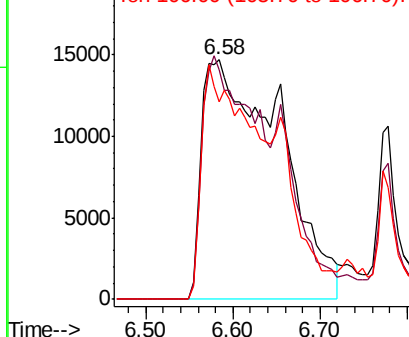


Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 26.064 ng/ml
 RT: 6.65 min Scan# 734
 Delta R.T. -0.01 min
 Lab File: BF108707.D
 Acq: 31 Aug 2018 23:25

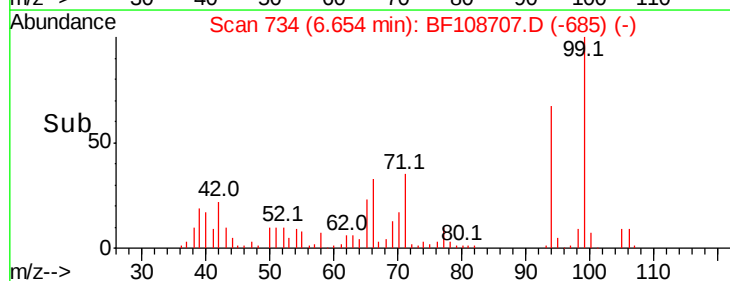
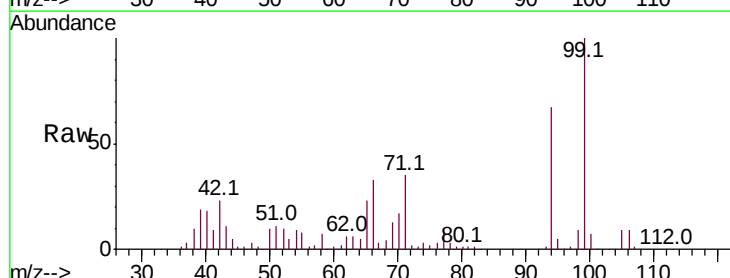
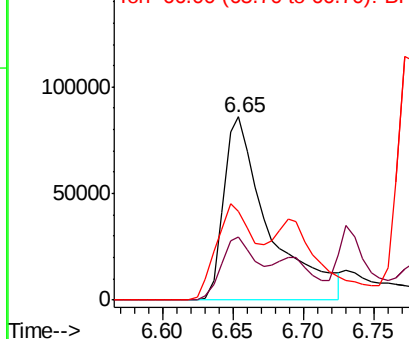
Tgt Ion	Ratio	Lower	Upper
94	100		
65	34.2	7.9	47.9
66	48.4	16.2	56.2

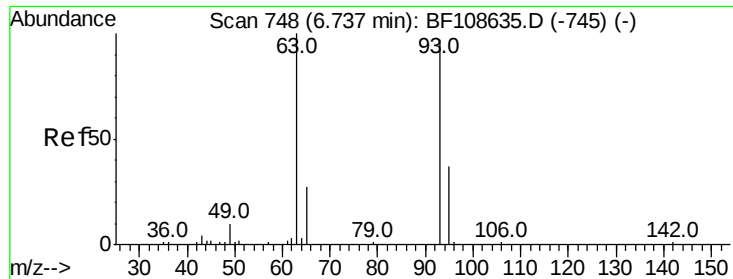
Abundance

Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





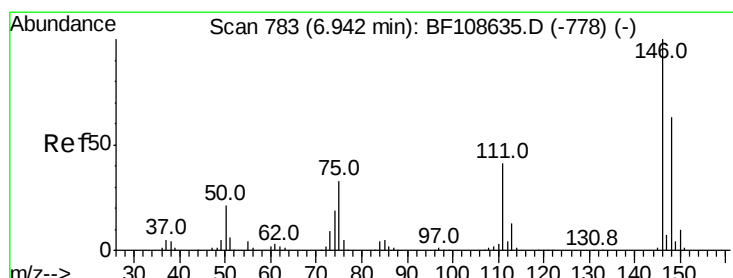
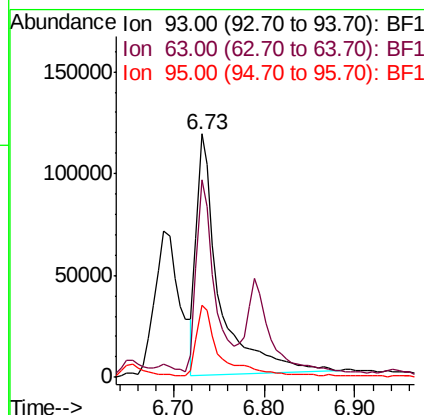
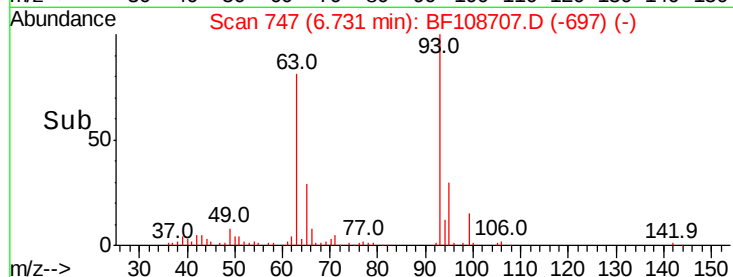
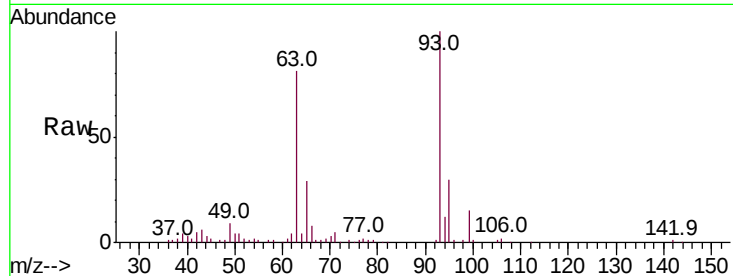
#11
bis(2-Chloroethyl)ether
Concen: 31.832 ng
RT: 6.73 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF108707.D
Acq: 31 Aug 2018 23:25

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

Tot Ion	Ratio	Lower	Upper
93	100		
63	81.4	58.6	98.6
95	29.8	11.8	51.8

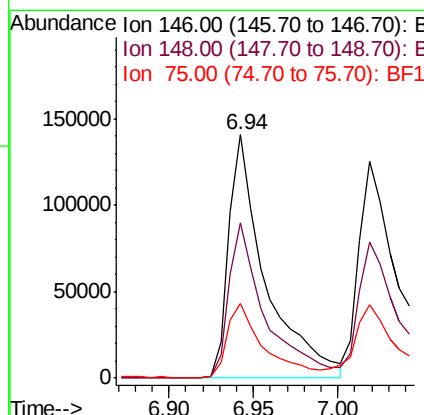
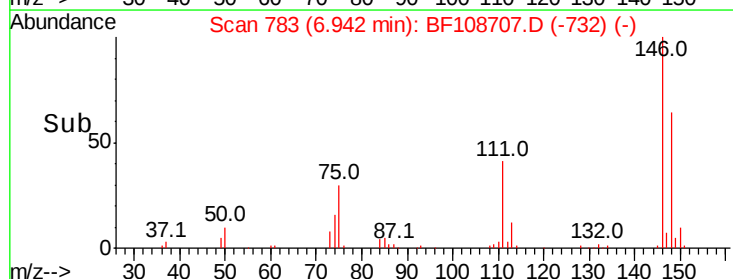
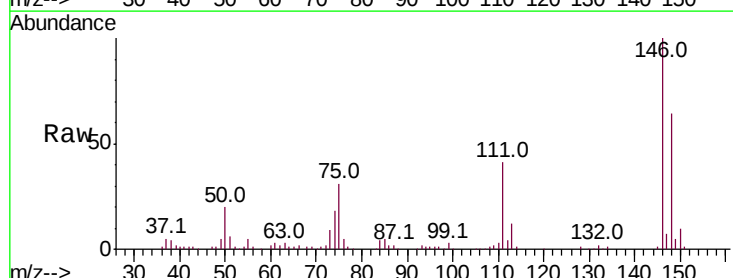
Manual Integrations
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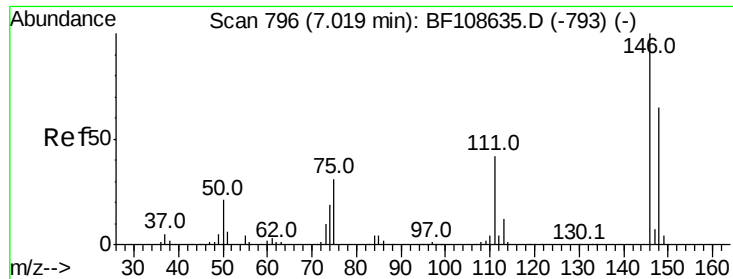
Sohil
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#12
1,3-Dichlorobenzene
Concen: 34.343 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF108707.D
Acq: 31 Aug 2018 23:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.8	77.8
75	30.9	24.2	36.4





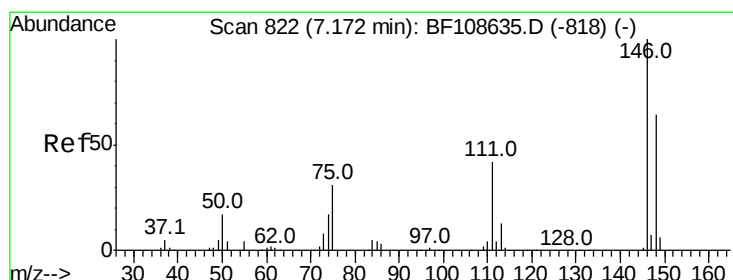
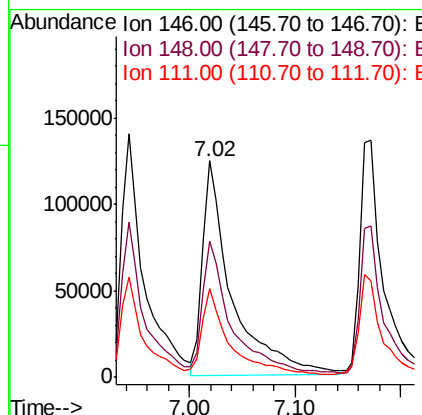
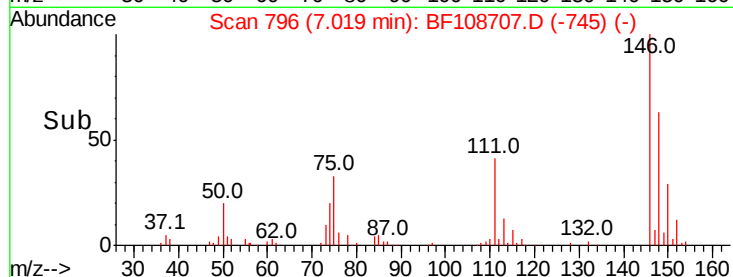
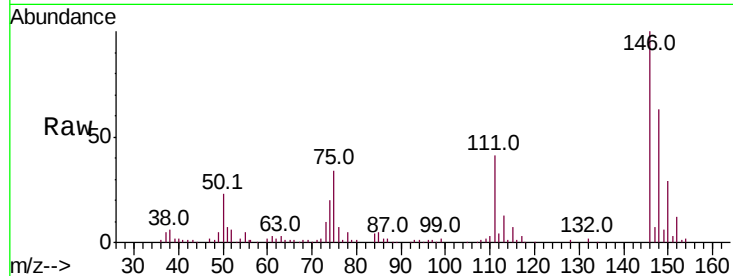
#13
 1,4-Dichlorobenzene
 Concen: 35.554 ng
 RT: 7.02 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF108707.D
 Acq: 31 Aug 2018 23:25

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.8	76.2
111	40.9	34.2	51.2

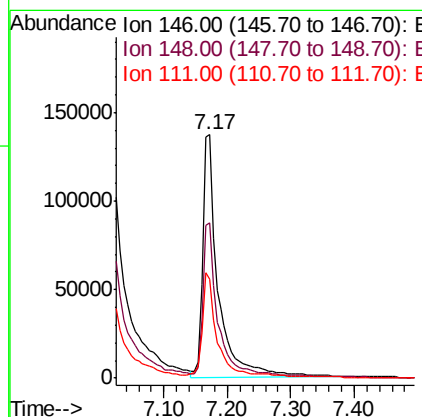
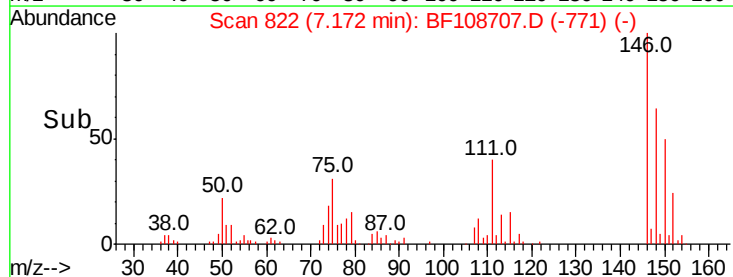
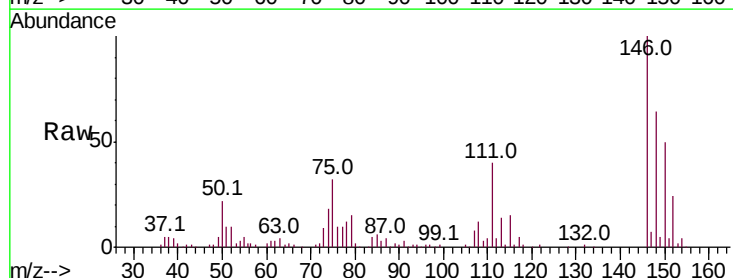
Manual Integrations
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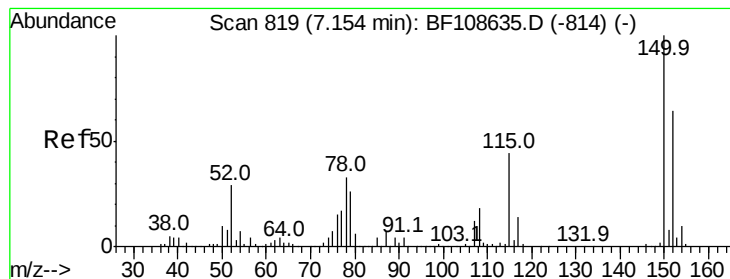
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 36.989 ng
 RT: 7.17 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BF108707.D
 Acq: 31 Aug 2018 23:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.6	75.8
111	40.4	36.0	54.0





#15

Benzyl Alcohol

Concen: 25.192 ng/ml

RT: 7.16 min Scan# 820

Delta R.T. 0.01 min

Lab File: BF108707.D

Acq: 31 Aug 2018 23:25

Instrument :

BNA_F

ClientSampleId :

RA-081618-FL-036MSRE

Tot Ion: 79 Resp: 113784

Ion Ratio Lower Upper

79 100

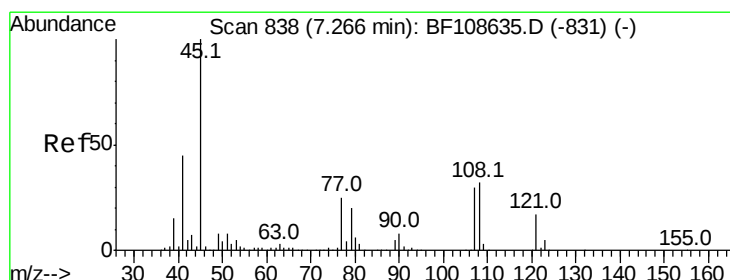
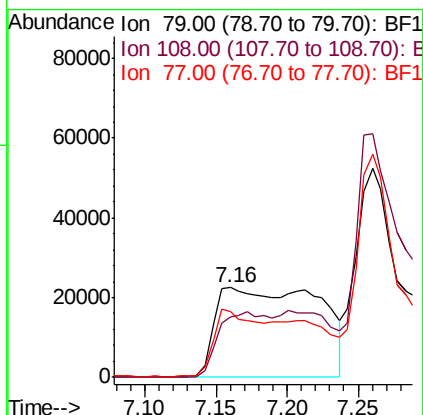
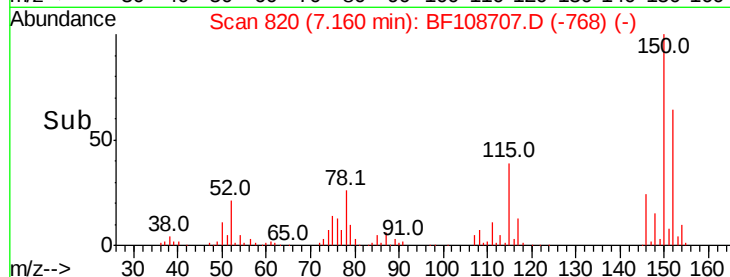
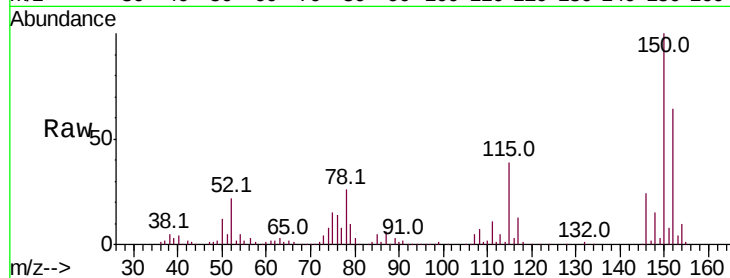
108 67.5 65.1 97.7

77 73.7 50.6 75.8

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.318 ng

RT: 7.26 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF108707.D

Acq: 31 Aug 2018 23:25

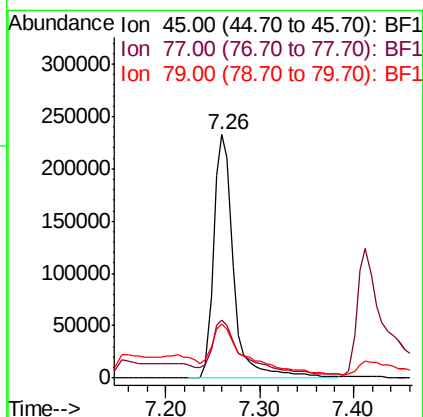
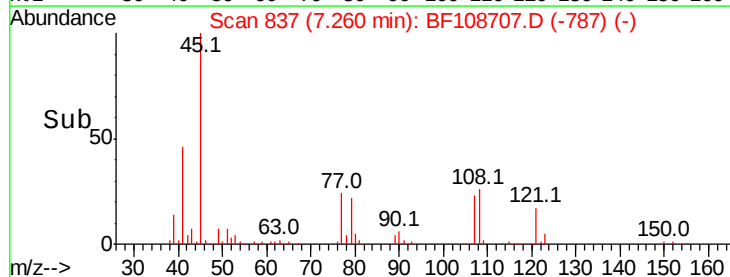
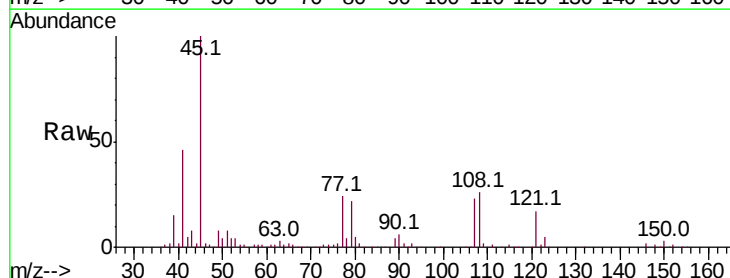
Tgt Ion: 45 Resp: 349325

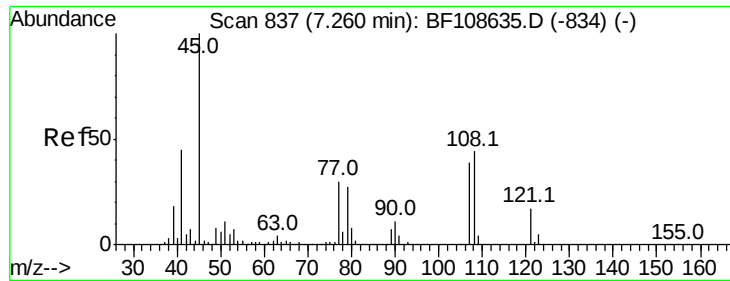
Ion Ratio Lower Upper

45 100

77 24.0 0.0 32.9

79 22.5 0.0 29.6





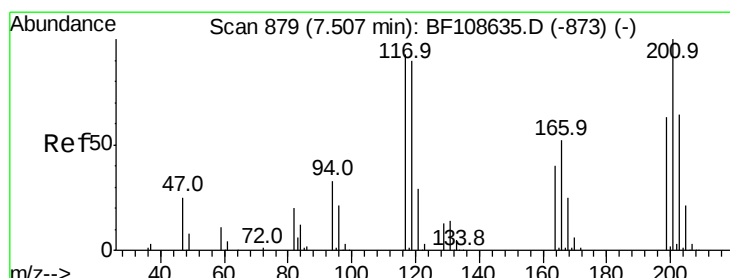
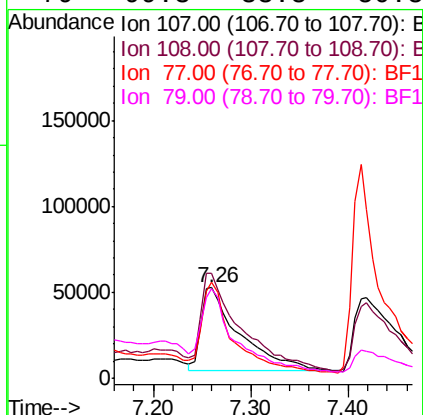
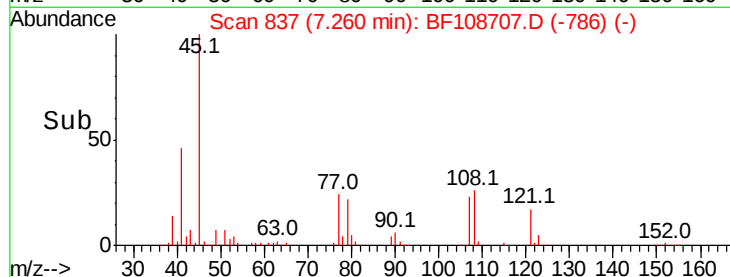
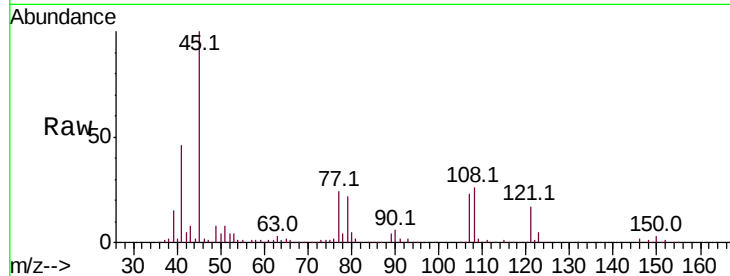
#17
2-Methylphenol
Concen: 32.097 ng
RT: 7.26 min Scan# 837
Delta R.T. -0.00 min
Lab File: BF108707.D
Acq: 31 Aug 2018 23:25

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

Tot Ion	Ratio	Resp	Lower	Upper
107	100	133766		
108	115.9	91.7	137.5	
77	106.1	33.8	50.8#	
79	99.3	33.8	50.8#	

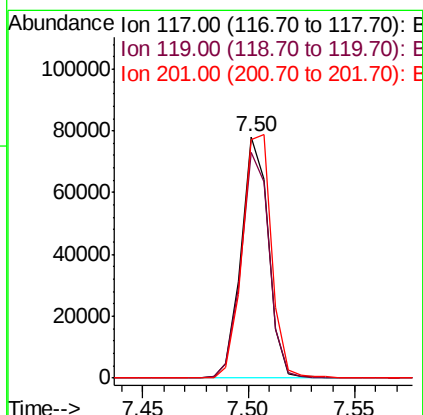
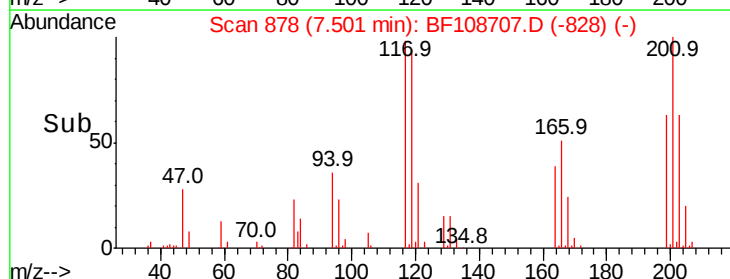
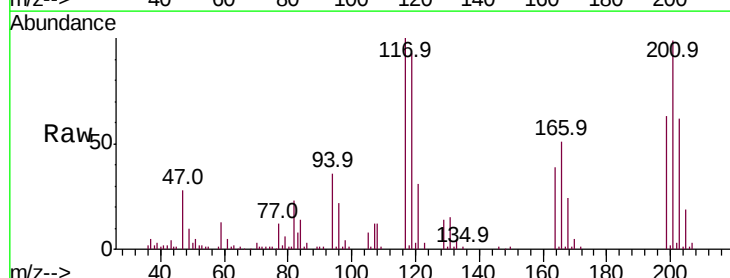
Manual Integrations
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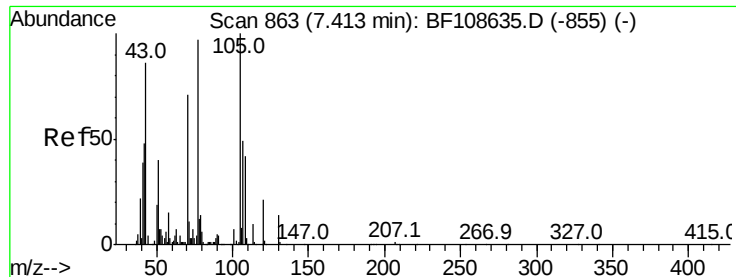
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#18
Hexachloroethane
Concen: 29.780 ng
RT: 7.50 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF108707.D
Acq: 31 Aug 2018 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	69478		
119	93.4	75.8	113.8	
201	99.0	75.7	113.5	





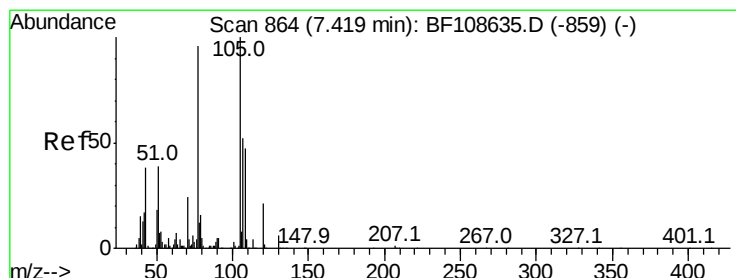
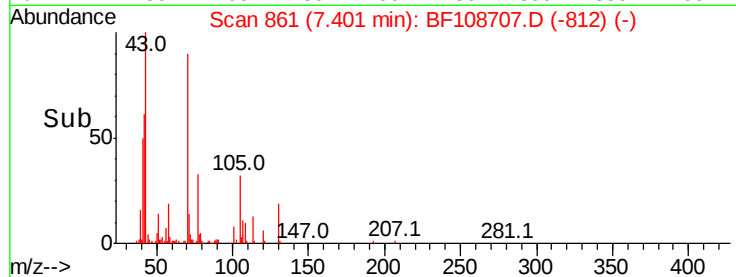
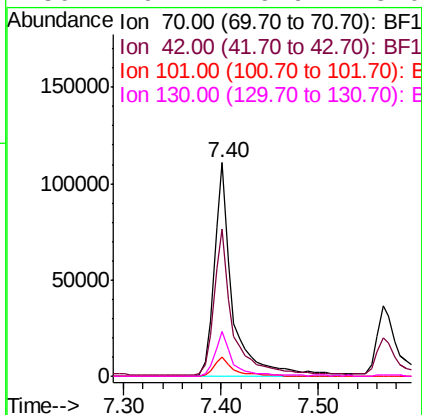
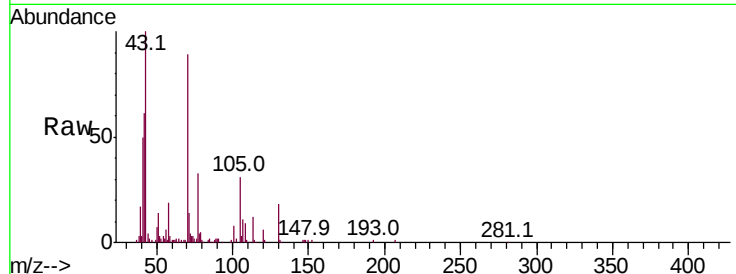
#19
n-Nitroso-di-n-propylamine
Concen: 34.127 ng
RT: 7.40 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF108707.D
Acq: 31 Aug 2018 23:25

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

Tot Ion	Ratio	Lower	Upper
70	100		
42	68.9	47.5	71.3
101	9.2	7.4	11.2
130	20.7	16.6	25.0

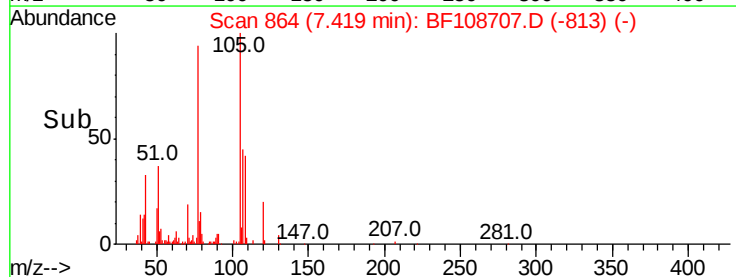
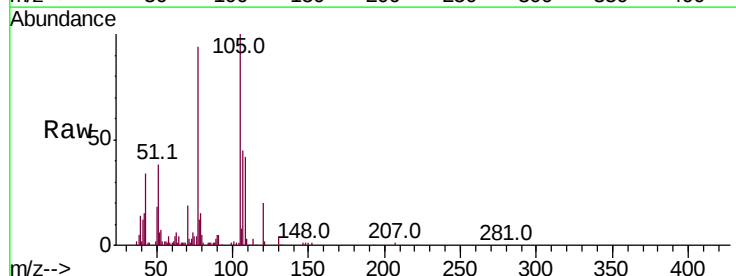
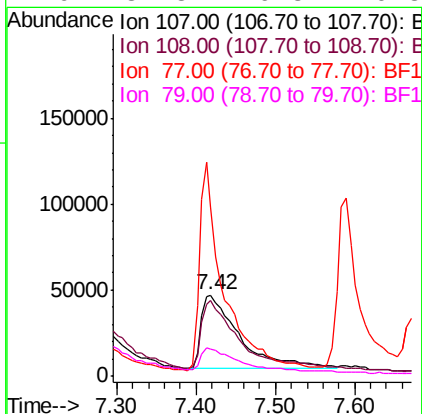
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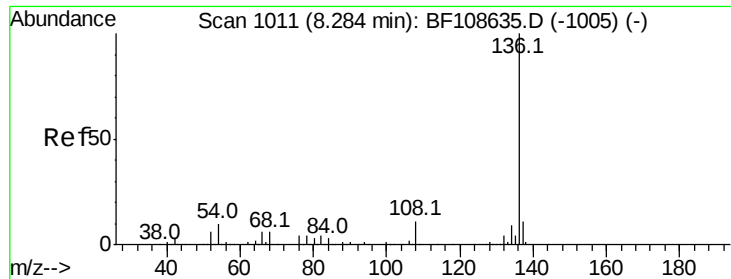
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#20
3+4-Methylphenols
Concen: 27.704 ng
RT: 7.42 min Scan# 864
Delta R.T. -0.00 min
Lab File: BF108707.D
Acq: 31 Aug 2018 23:25

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.8	68.2	108.2
77	209.1	26.7	66.7#
79	32.8	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: BF108707.D

Acq: 31 Aug 2018 23:25

Instrument :

BNA_F

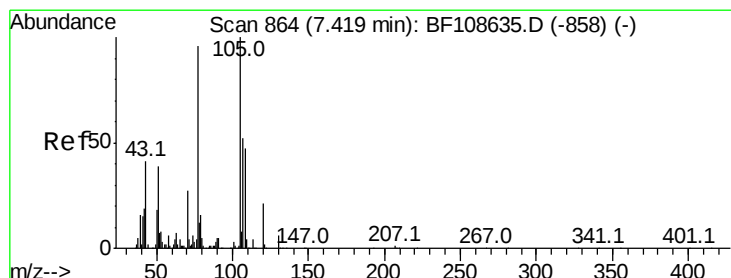
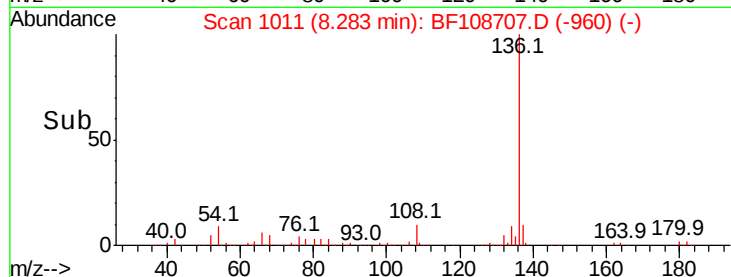
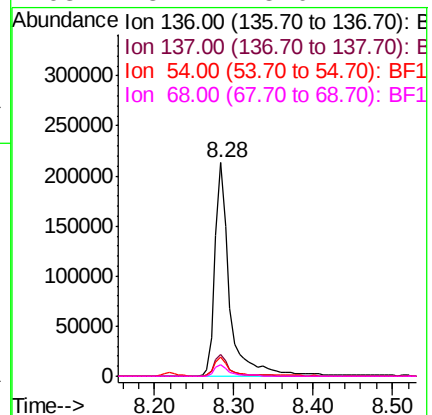
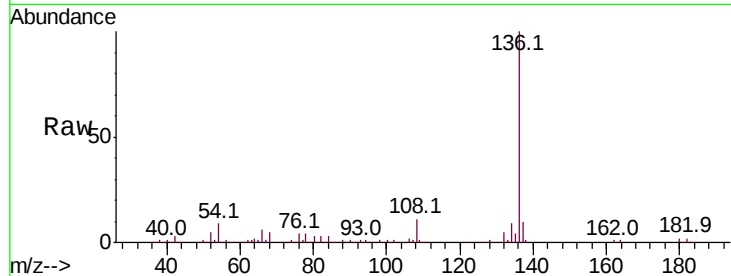
ClientSampleId :

RA-081618-FL-036MSRE

Tot Ion	Ratio	Resp	Lower	Upper
136	100	278258		
137	10.4		8.9	13.3
54	9.3		6.6	9.8
68	5.4		5.0	7.4

Manual Integrations
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#22

Acetophenone

Concen: 40.760 ng

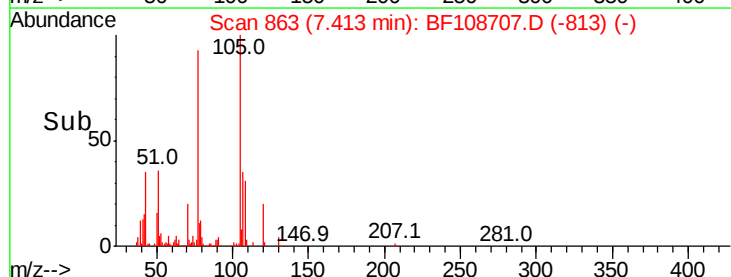
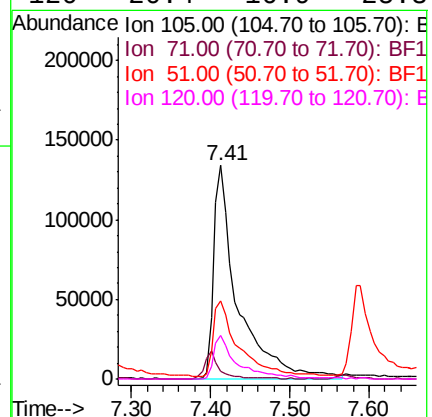
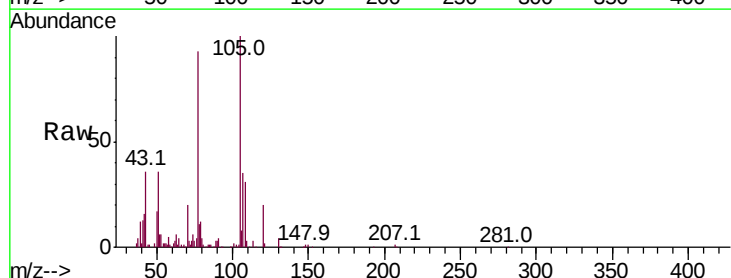
RT: 7.41 min Scan# 863

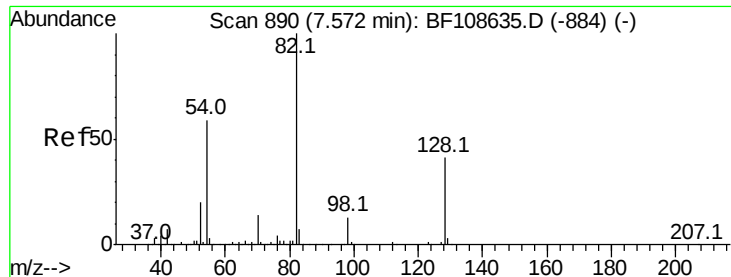
Delta R.T. -0.01 min

Lab File: BF108707.D

Acq: 31 Aug 2018 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	283135		
71	3.4		4.4	6.6#
51	36.4		22.3	33.5#
120	20.4		16.9	25.3





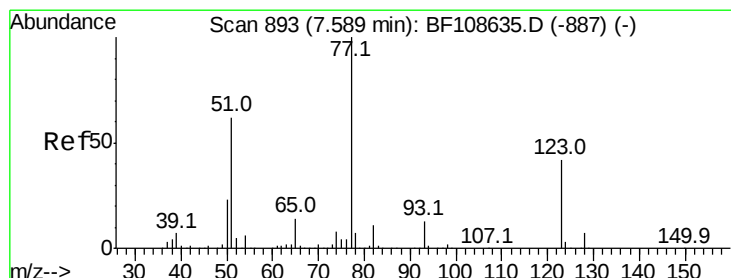
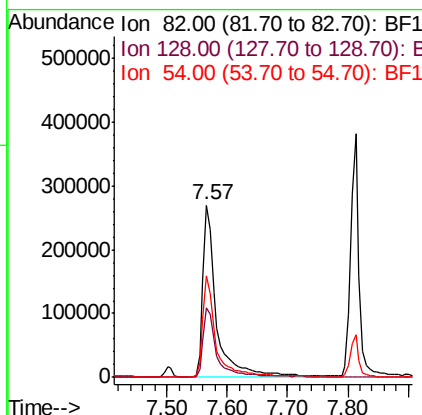
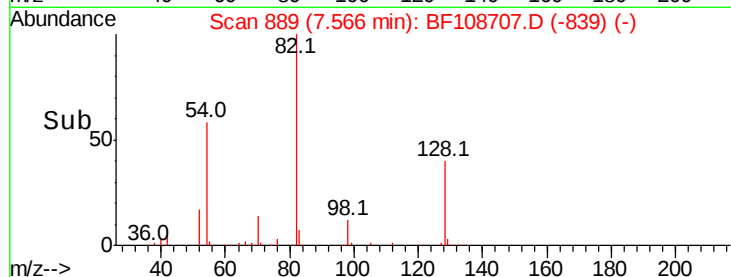
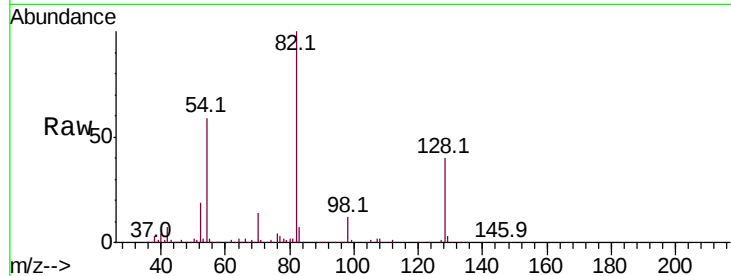
#23
Nitrobenzene-d5
Concen: 79.818 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108707.D
Acq: 31 Aug 2018 23:25

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.0	36.1	54.1
54	58.9	41.4	62.2

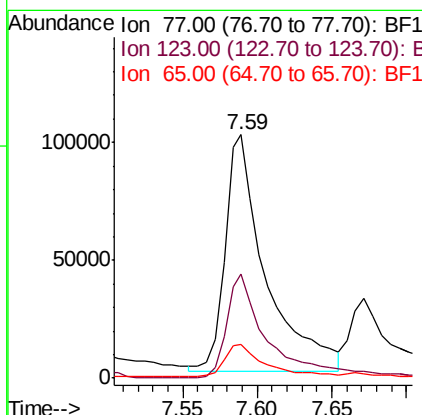
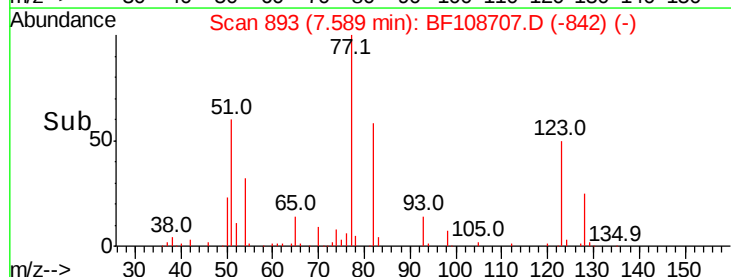
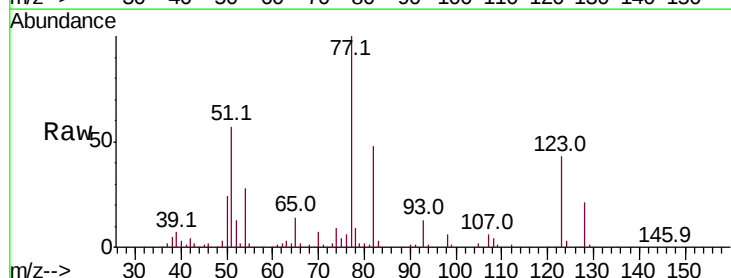
Manual Integrations
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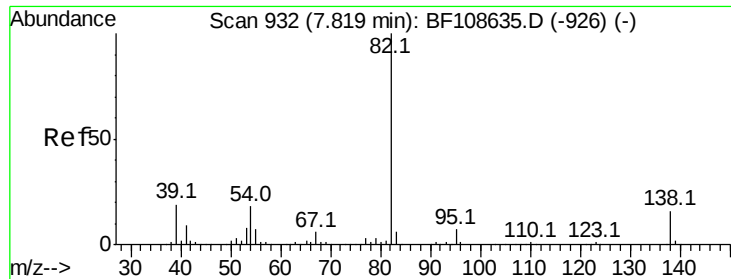
Sohil
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#24
Nitrobenzene
Concen: 34.414 ng
RT: 7.59 min Scan# 893
Delta R.T. -0.00 min
Lab File: BF108707.D
Acq: 31 Aug 2018 23:25

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.7	37.9	56.9
65	13.7	11.0	16.4





#25

Isophorone

Concen: 40.075 ng

RT: 7.81 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF108707.D

Acq: 31 Aug 2018 23:25

Instrument :

BNA_F

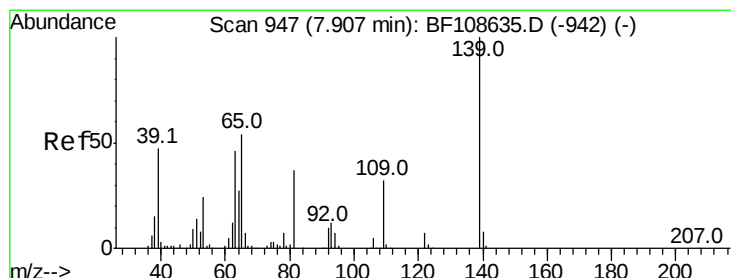
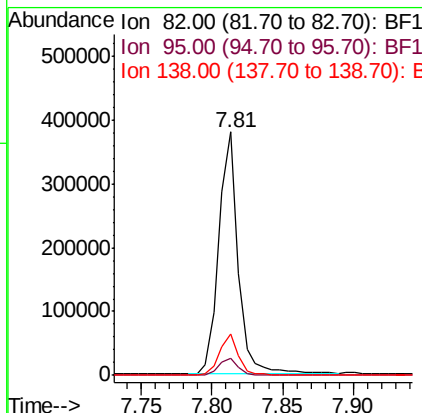
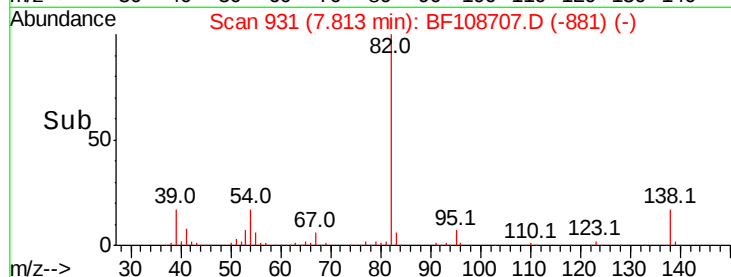
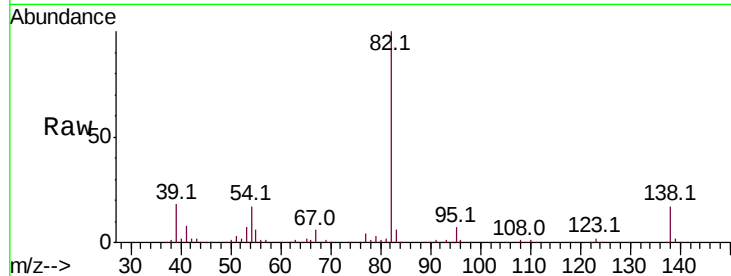
ClientSampleId :

RA-081618-FL-036MSRE

Tot Ion:	82	Resp:	364947
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.2	7.8
138	16.9	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 22.322 ng

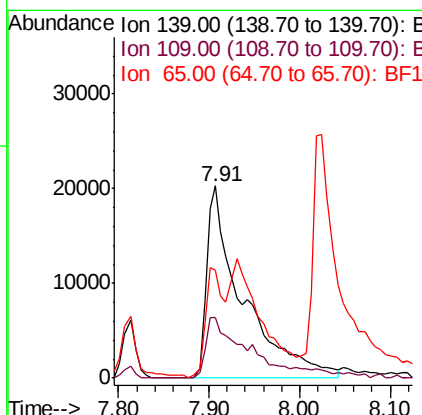
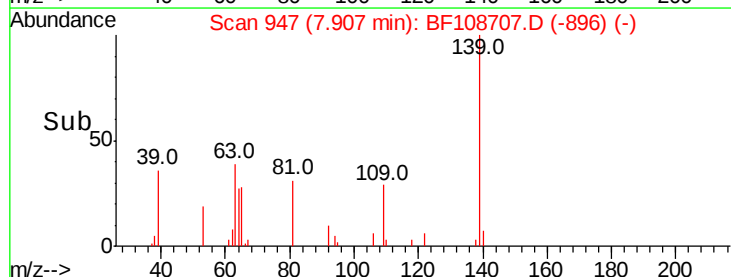
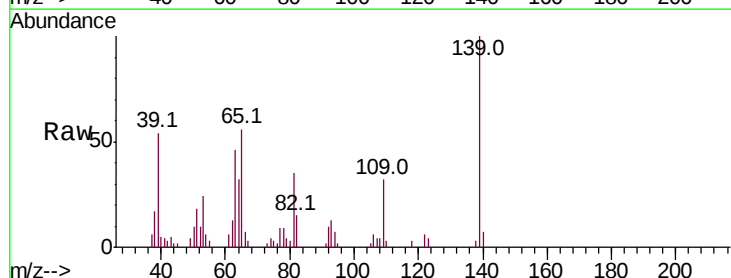
RT: 7.91 min Scan# 947

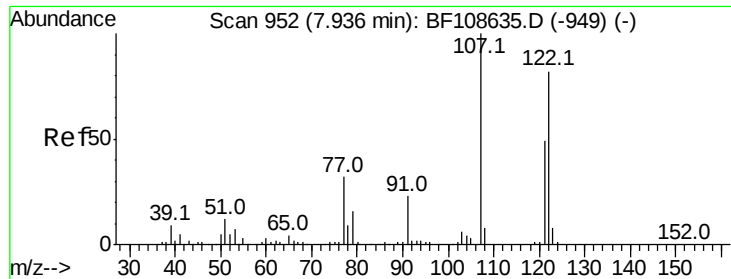
Delta R.T. -0.00 min

Lab File: BF108707.D

Acq: 31 Aug 2018 23:25

Tgt Ion:	139	Resp:	56169
Ion Ratio	Lower	Upper	
139	100		
109	31.6	22.7	34.1
65	56.0	40.5	60.7





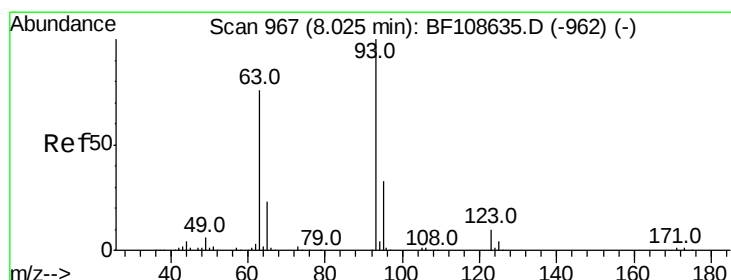
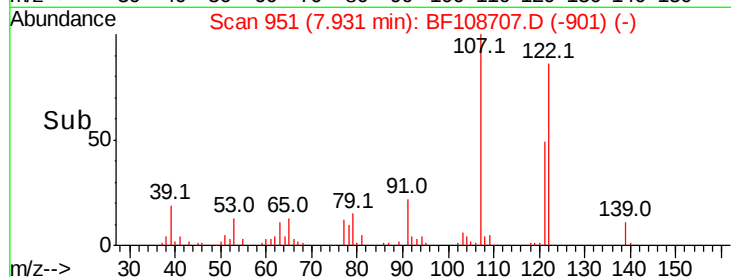
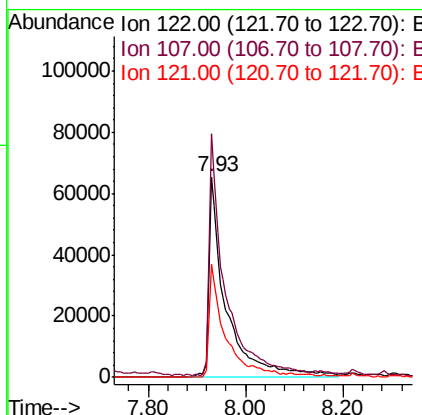
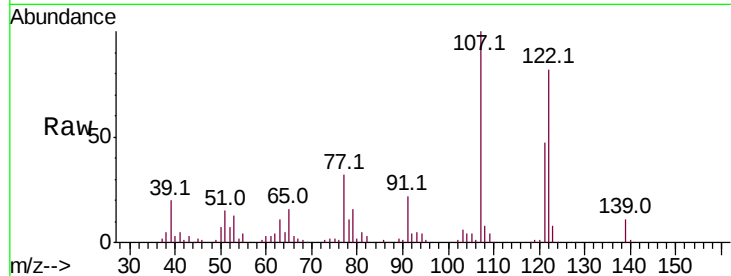
#27
2,4-Dimethylphenol
Concen: 44.207 ng
RT: 7.93 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF108707.D
Acq: 31 Aug 2018 23:25

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

Tot Ion	Ratio	Resp	Lower	Upper
122	100	161781		
107	121.5	91.2	136.8	
121	56.6	47.2	70.8	

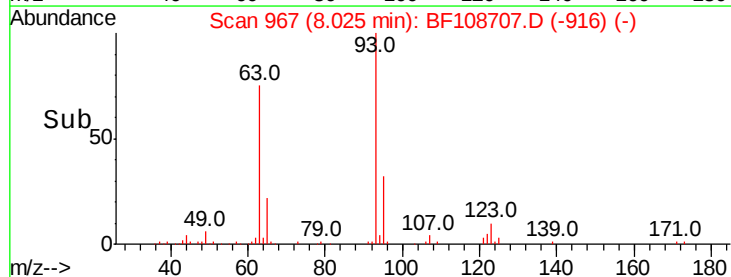
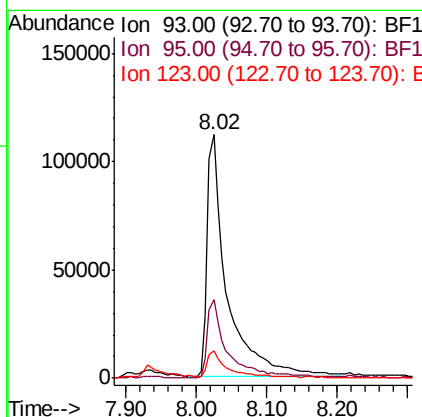
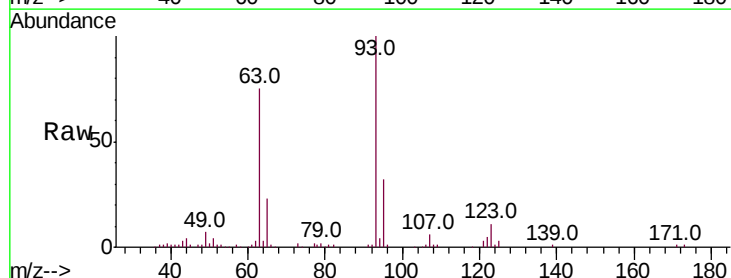
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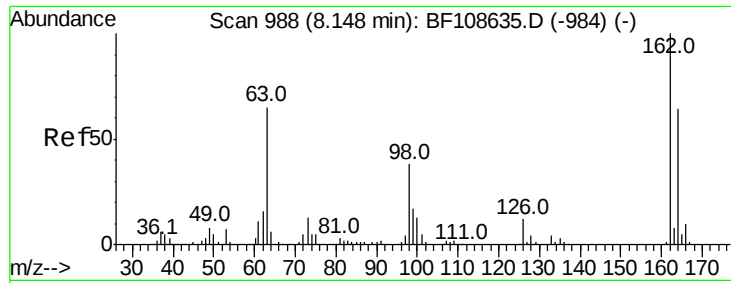
Sohil
9/4/2018 3:53:42 PM



#28
bis(2-Chloroethoxy)methane
Concen: 37.816 ng
RT: 8.02 min Scan# 967
Delta R.T. -0.00 min
Lab File: BF108707.D
Acq: 31 Aug 2018 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	217546		
95	32.3	26.3	39.5	
123	11.0	9.8	14.6	





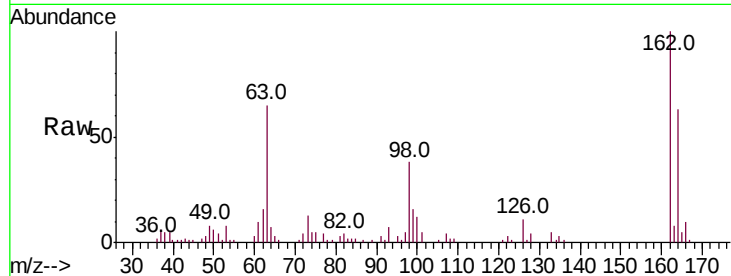
#29
 2,4-Dichlorophenol
 Concen: 32.246 ng
 RT: 8.15 min Scan# 988
 Delta R.T. -0.00 min
 Lab File: BF108707.D
 Acq: 31 Aug 2018 23:25

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

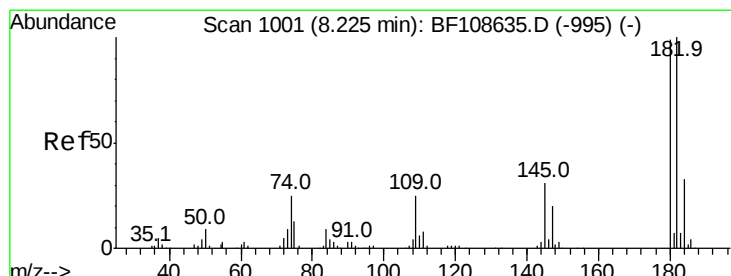
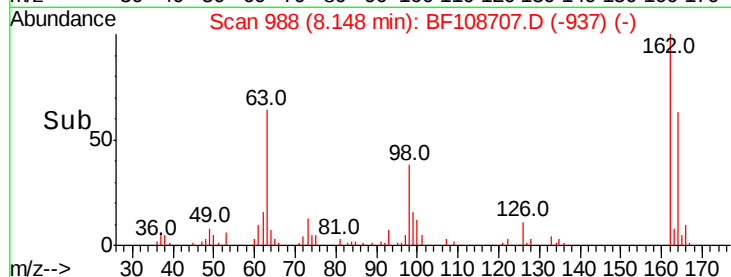
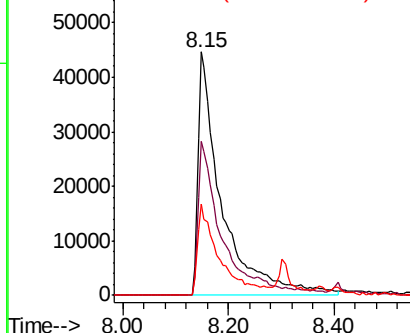
Tot Ion	Ratio	Resp	Lower	Upper
162	100	140003		
164	63.3	42.7	82.7	
98	37.8	18.1	58.1	

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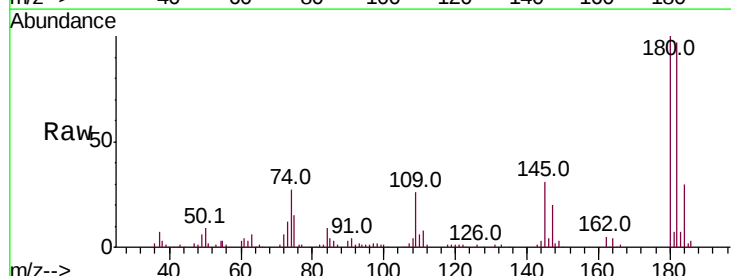


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

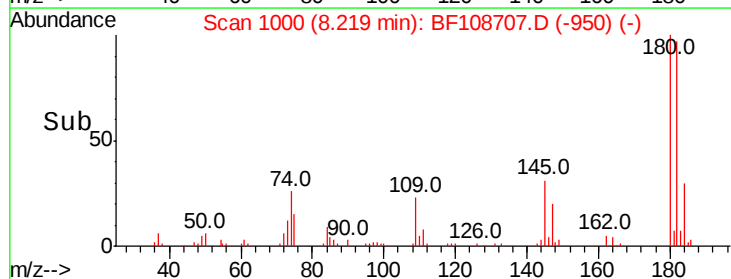
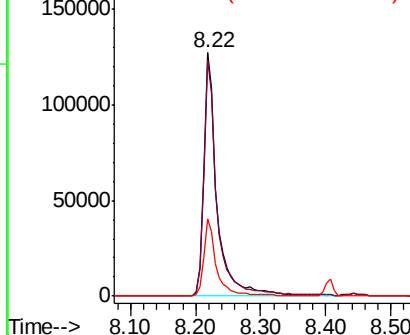


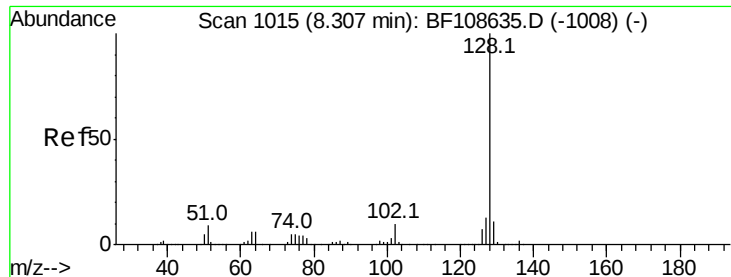
#30
 1,2,4-Trichlorobenzene
 Concen: 37.216 ng
 RT: 8.22 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: BF108707.D
 Acq: 31 Aug 2018 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	180688		
182	97.0	76.8	115.2	
145	31.5	26.5	39.7	



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





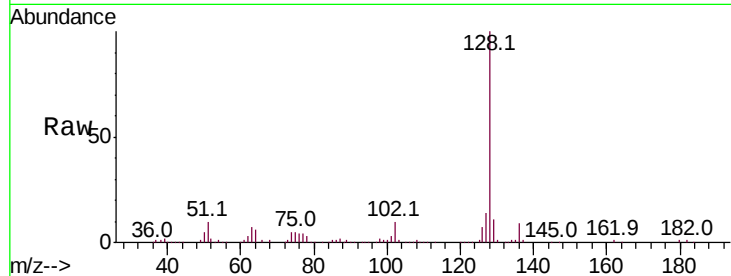
#31
Naphthalene
Concen: 42.132 ng
RT: 8.30 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF108707.D
Acq: 31 Aug 2018 23:25

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

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.0	8.8	13.2	
127	13.5	10.9	16.3	

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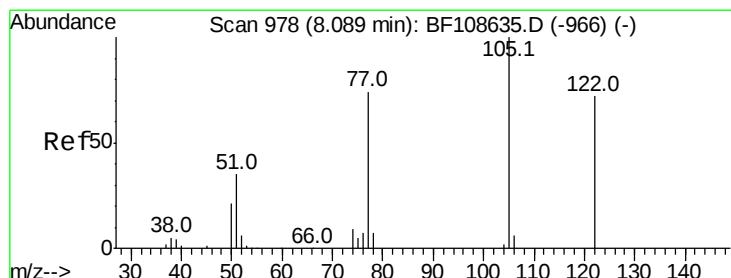
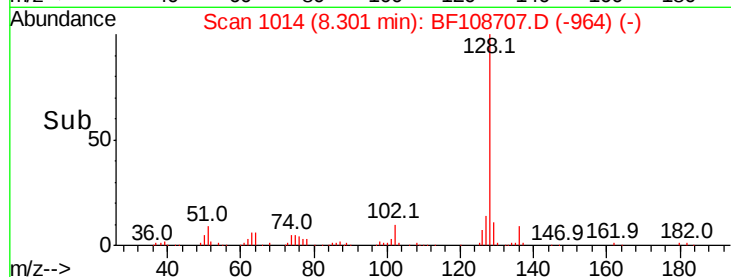
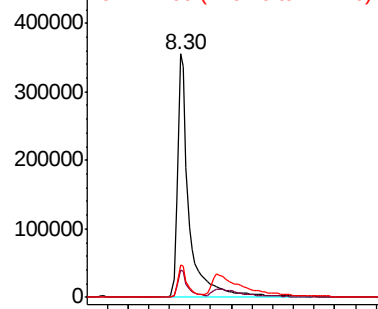


Abundance

Ion 128.00 (127.70 to 128.70): E

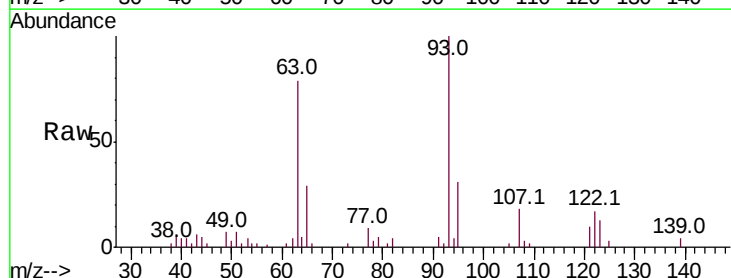
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 8.321 ng m
RT: 8.06 min Scan# 973
Delta R.T. -0.03 min
Lab File: BF108707.D
Acq: 31 Aug 2018 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	14.1	101.1	141.1#	
77	51.0	70.7	110.7#	

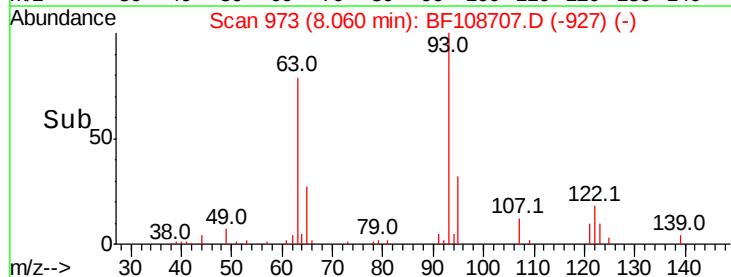
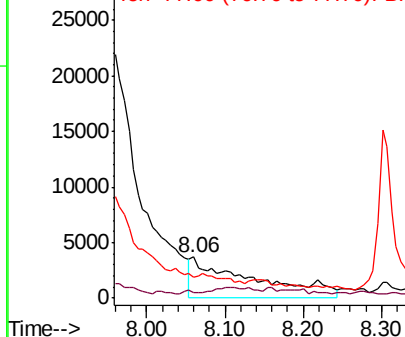


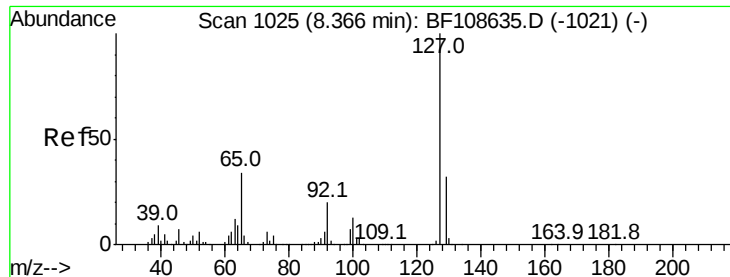
Abundance

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





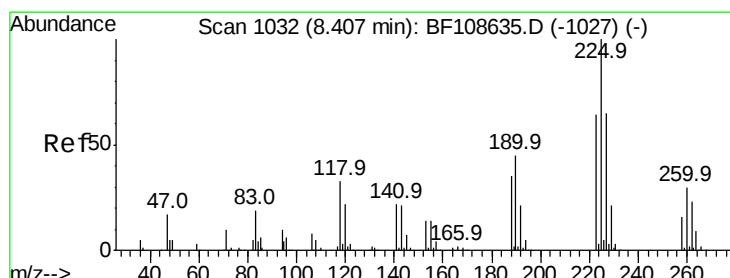
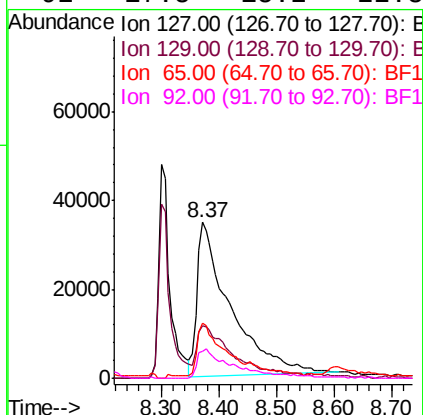
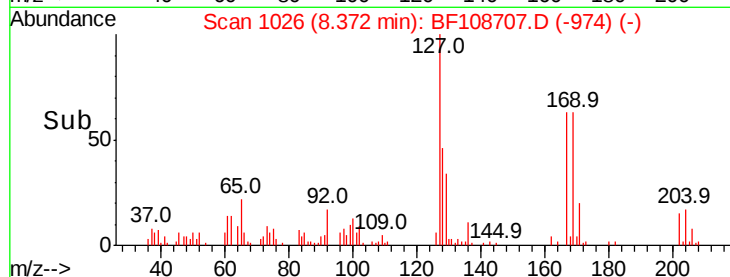
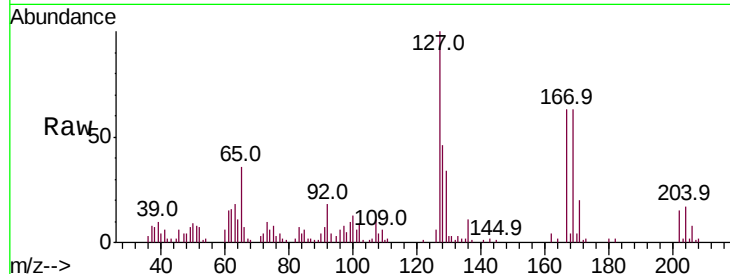
#33
4-Chloroaniline
Concen: 23.901 ng
RT: 8.37 min Scan# 1026
Delta R.T. 0.01 min
Lab File: BF108707.D
Acq: 31 Aug 2018 23:25

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

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	34.1	25.9	38.9	
65	35.7	25.0	37.4	
92	17.5	15.2	22.8	

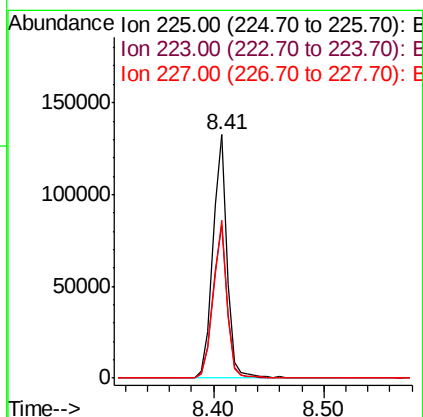
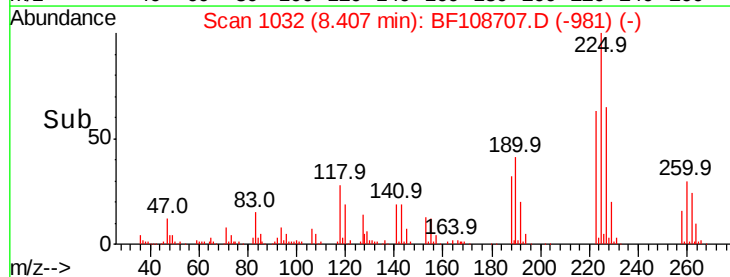
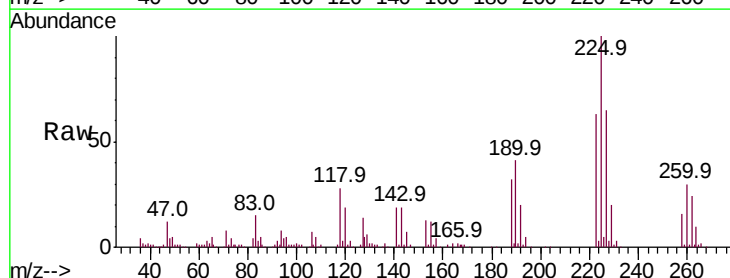
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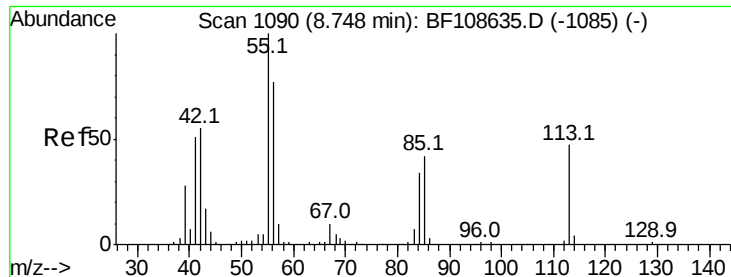
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#34
Hexachlorobutadiene
Concen: 36.304 ng
RT: 8.41 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF108707.D
Acq: 31 Aug 2018 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.6	50.6	76.0	
227	65.0	51.9	77.9	





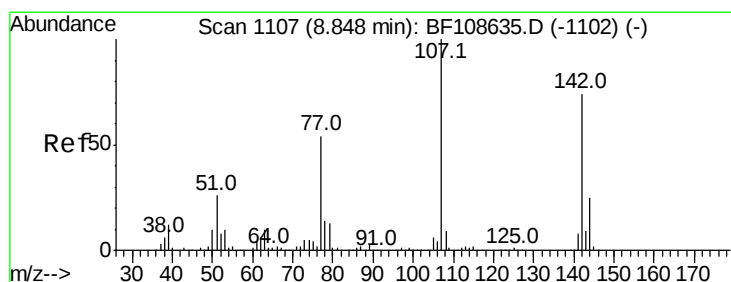
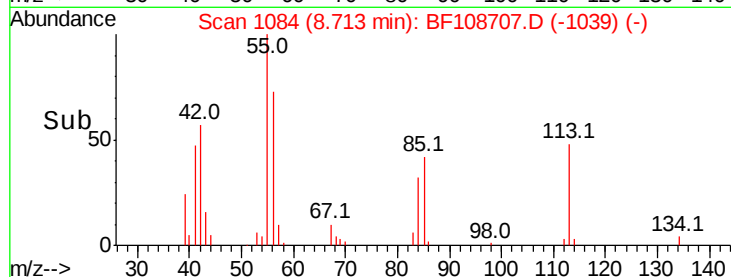
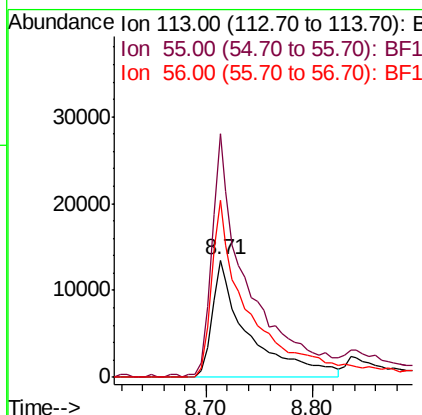
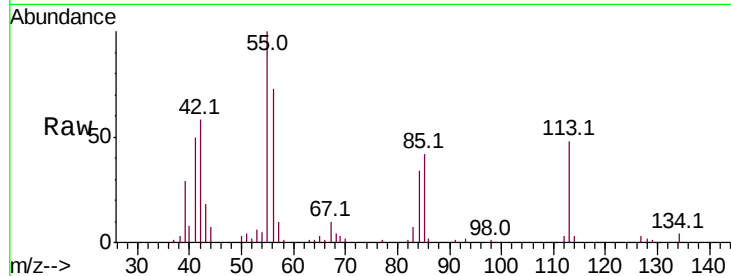
#35
 Caprolactam
 Concen: 27.692 ng
 RT: 8.71 min Scan# 1084
 Delta R.T. -0.04 min
 Lab File: BF108707.D
 Acq: 31 Aug 2018 23:25

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

Tot Ion:113 Resp: 32037
 Ion Ratio Lower Upper
 113 100
 55 207.3 163.3 203.3#
 56 151.3 115.7 155.7

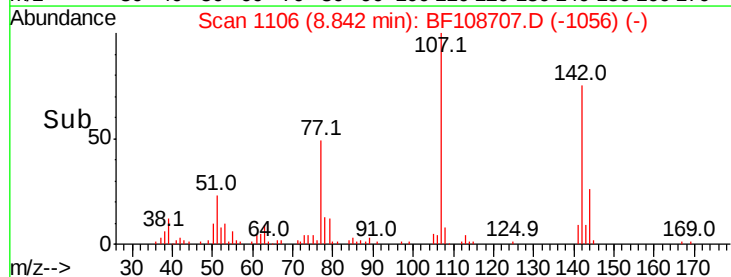
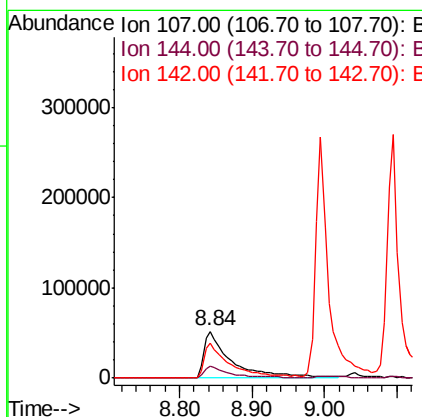
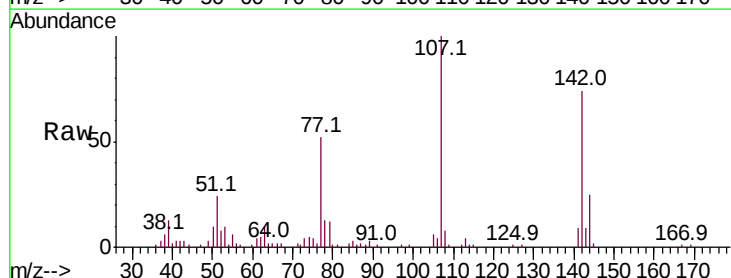
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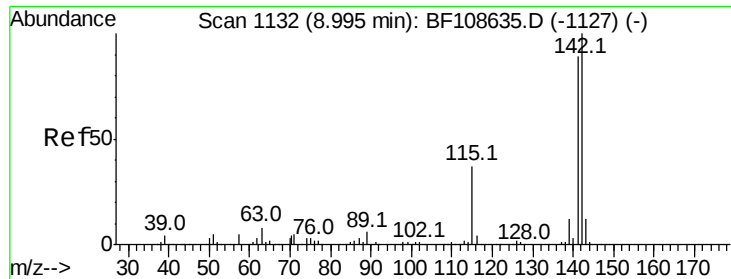
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#36
 4-Chloro-3-methylphenol
 Concen: 29.479 ng
 RT: 8.84 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: BF108707.D
 Acq: 31 Aug 2018 23:25

Tgt Ion:107 Resp: 137366
 Ion Ratio Lower Upper
 107 100
 144 25.4 20.5 30.7
 142 74.5 62.0 93.0





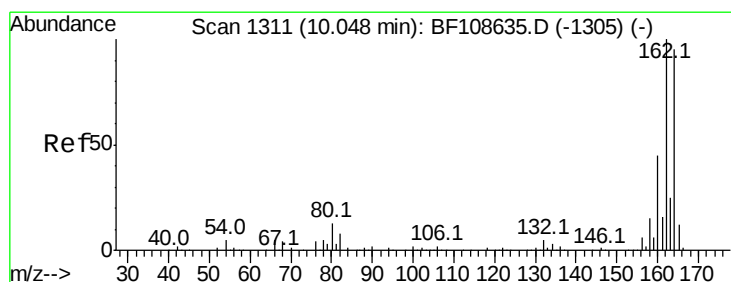
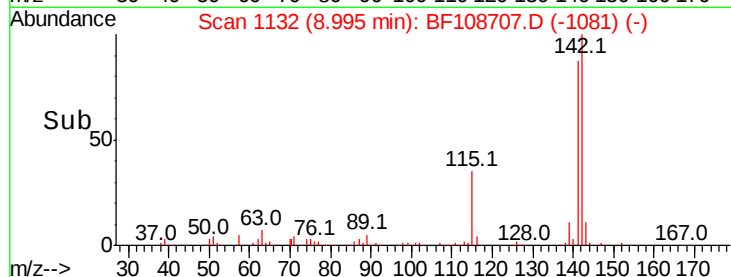
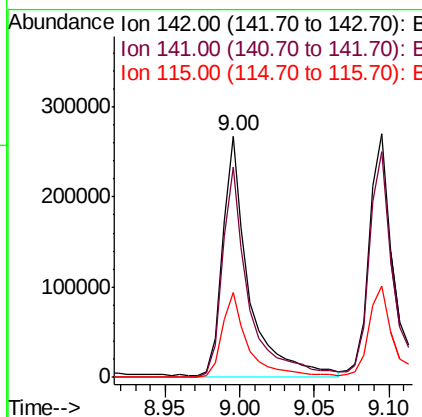
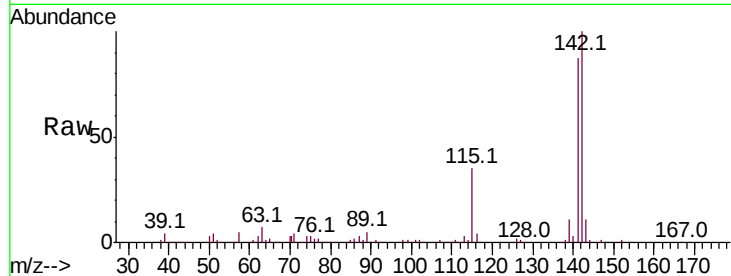
#37
2-Methylnaphthalene
Concen: 36.610 ng
RT: 9.00 min Scan# 1132
Delta R.T. -0.00 min
Lab File: BF108707.D
Acq: 31 Aug 2018 23:25

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.4	70.8	106.2
115	35.3	26.1	39.1

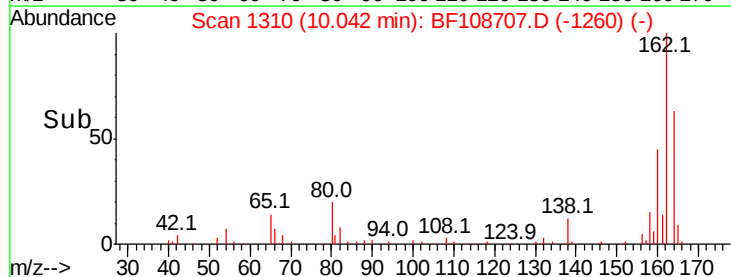
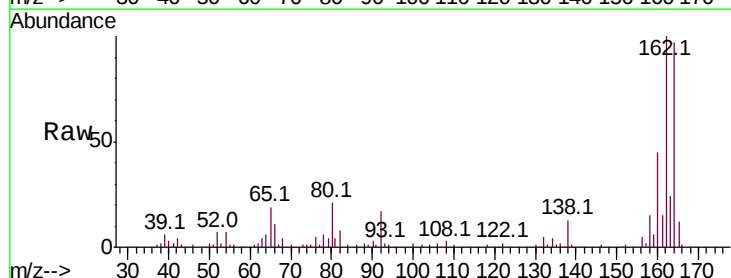
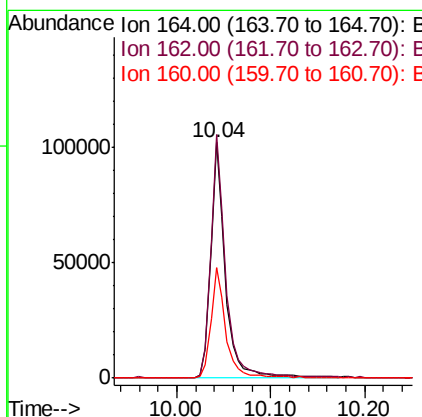
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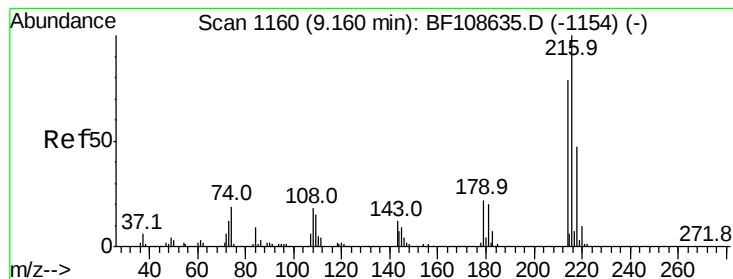
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108707.D
Acq: 31 Aug 2018 23:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	86.1	129.1
160	46.7	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.444 ng

RT: 9.16 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BF108707.D

Acq: 31 Aug 2018 23:25

Instrument :

BNA_F

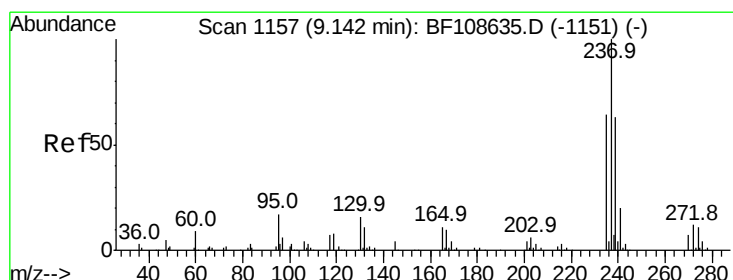
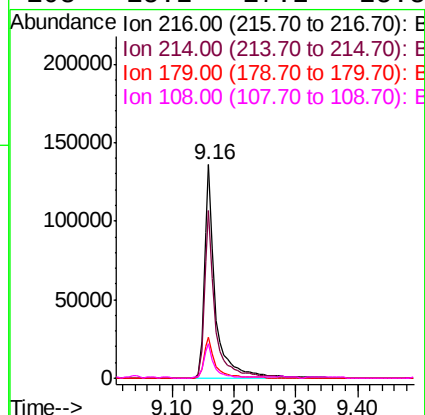
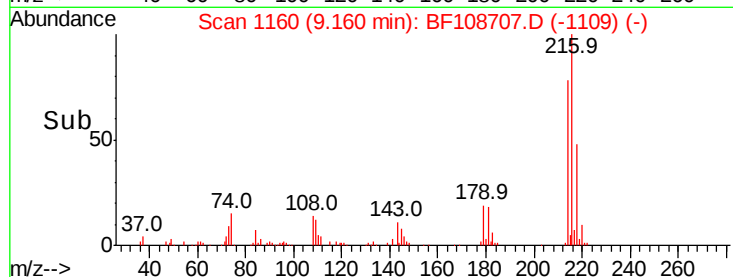
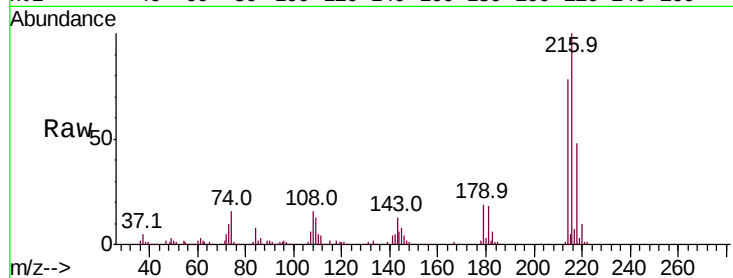
ClientSampleId :

RA-081618-FL-036MSRE

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	77.9	63.0	94.4	
179	19.9	18.1	27.1	
108	15.2	17.2	25.8	

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#40

Hexachlorocyclopentadiene

Concen: 10.255 ng

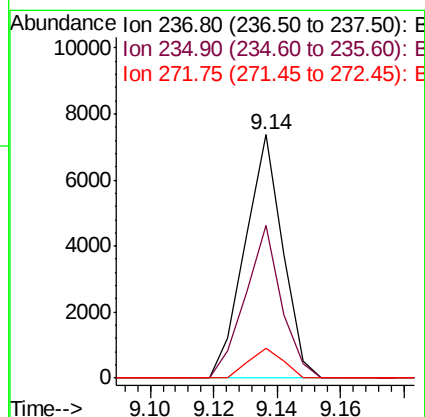
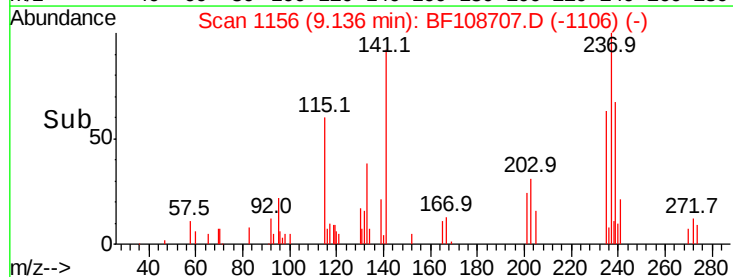
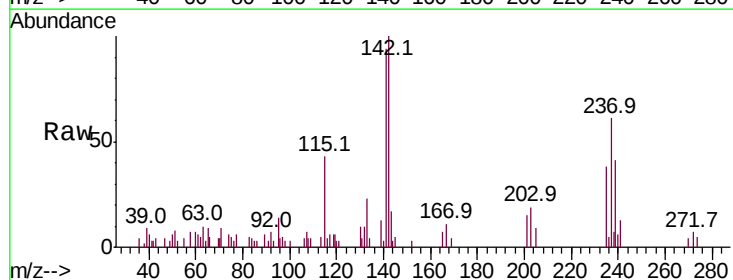
RT: 9.14 min Scan# 1156

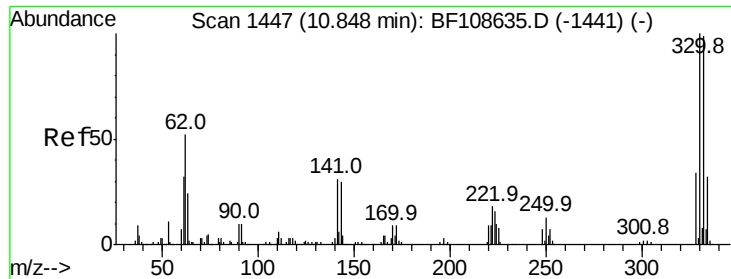
Delta R.T. -0.01 min

Lab File: BF108707.D

Acq: 31 Aug 2018 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	62.9	44.8	84.8	
272	12.2	0.0	33.3	





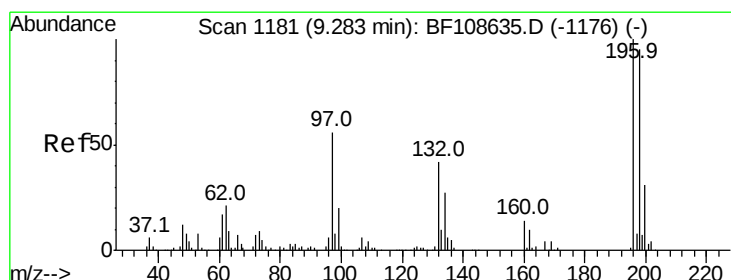
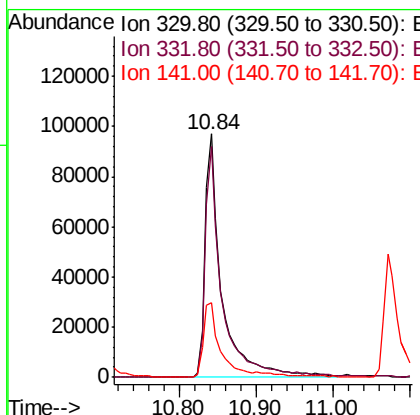
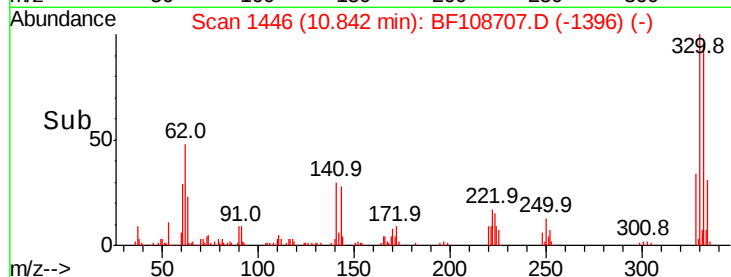
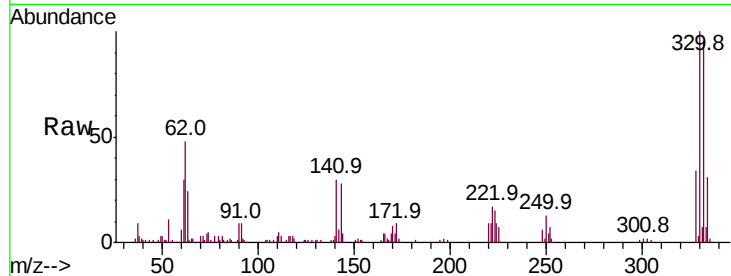
#41
 2,4,6-Tribromophenol
 Concen: 97.801 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108707.D
 Acq: 31 Aug 2018 23:25

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

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.8	77.0	115.6	
141	34.3	29.9	44.9	

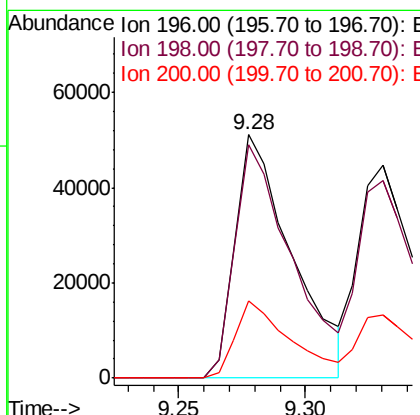
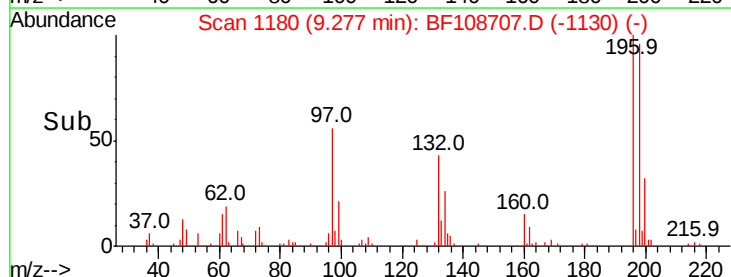
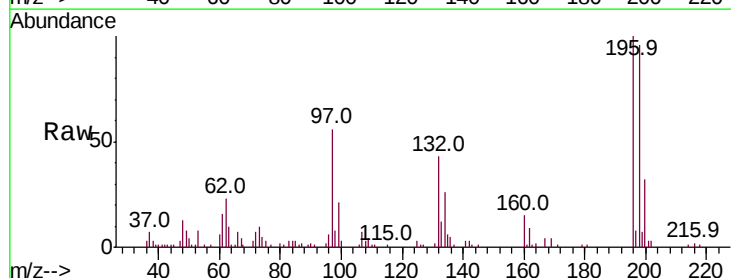
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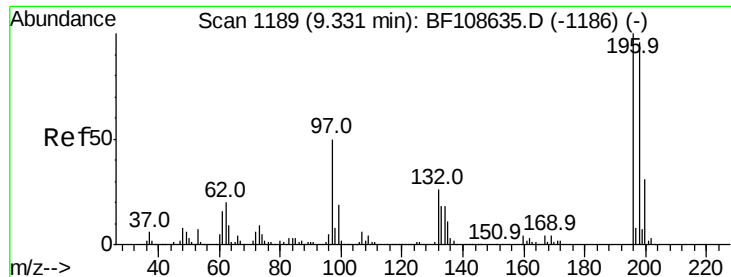
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 33.286 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF108707.D
 Acq: 31 Aug 2018 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.8	75.7	113.5	
200	31.9	24.5	36.7	





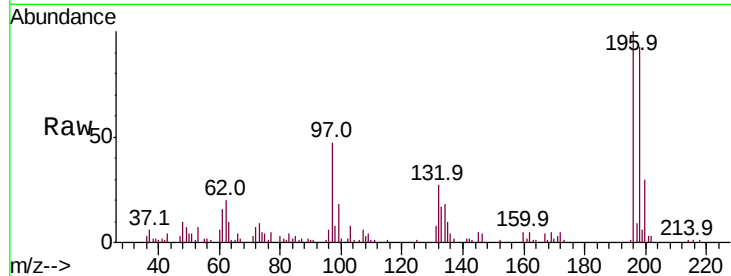
#43
2,4,5-Trichlorophenol
Concen: 38.881 ng
RT: 9.33 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BF108707.D
Acq: 31 Aug 2018 23:25

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

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	93.0	74.6	112.0	
97	47.5	42.9	64.3	
132	27.0	26.3	39.5	

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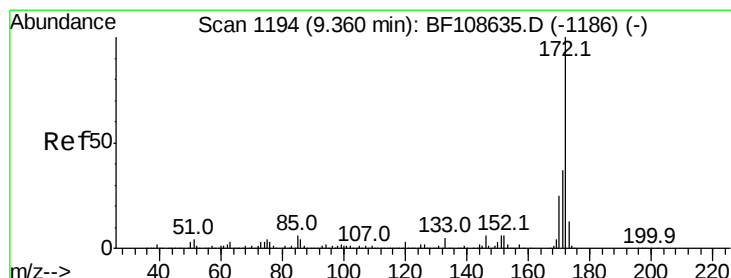
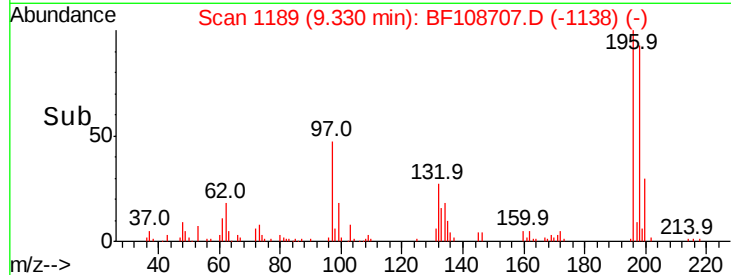
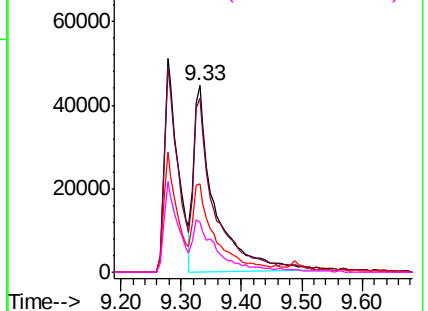
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

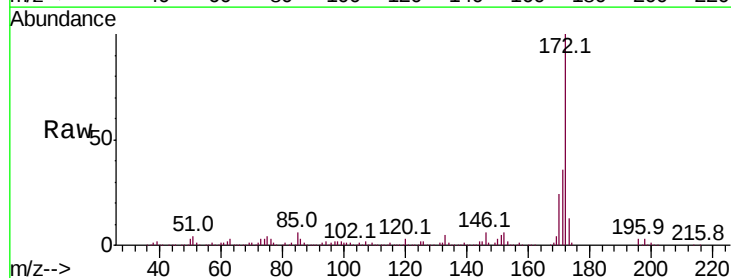
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 78.654 ng
RT: 9.35 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF108707.D
Acq: 31 Aug 2018 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.1	29.7	44.5	
170	23.9	19.6	29.4	

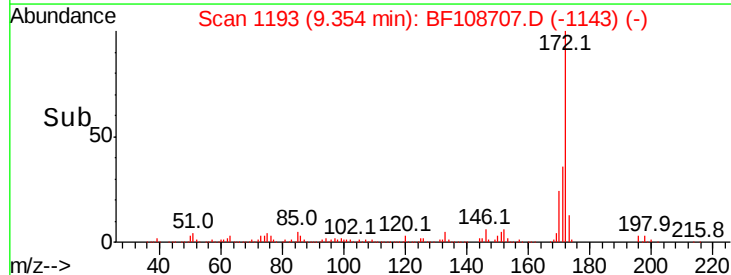
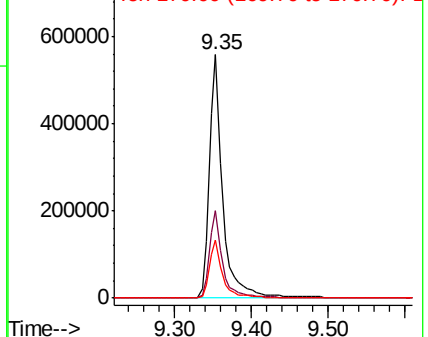


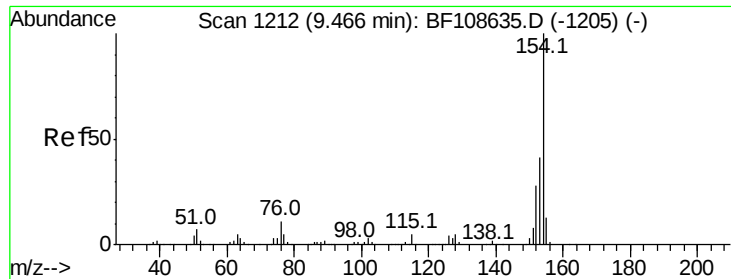
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 39.986 ng

RT: 9.46 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BF108707.D

Acq: 31 Aug 2018 23:25

Instrument :

BNA_F

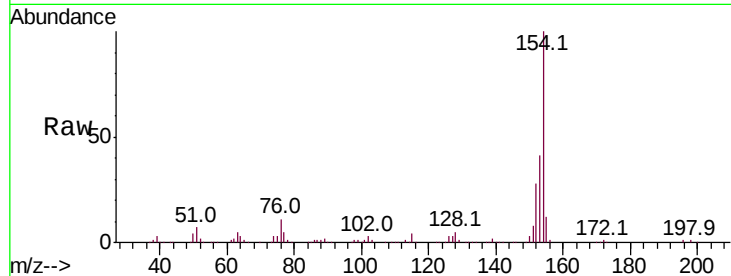
ClientSampleId :

RA-081618-FL-036MSRE

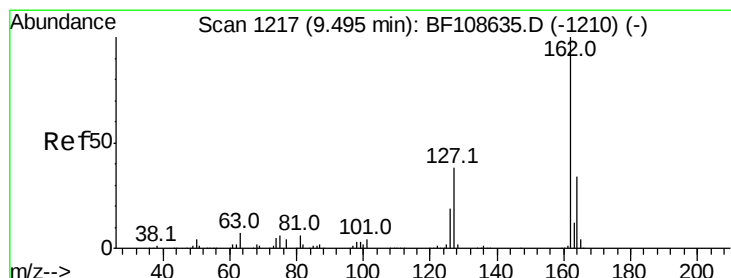
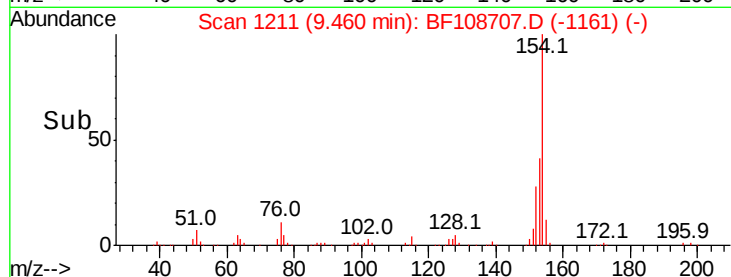
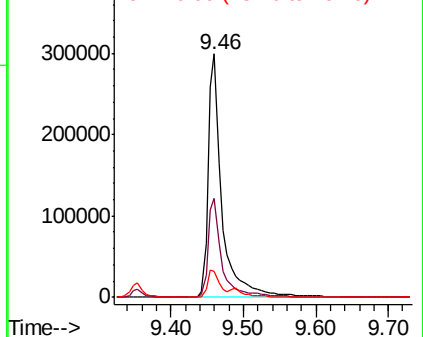
Tot Ion:	154	Resp:	396791
Ion Ratio	Lower	Upper	
154	100		
153	40.9	21.3	61.3
76	10.6	0.0	34.0

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



#46

2-Chloronaphthalene

Concen: 38.315 ng

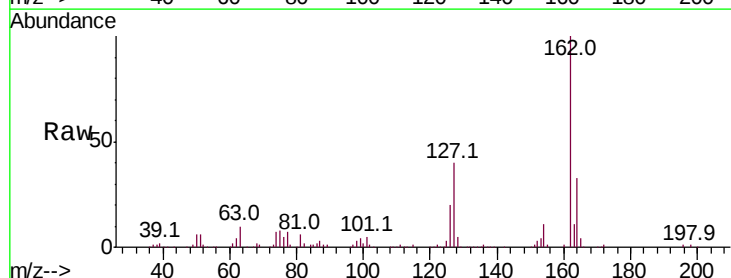
RT: 9.49 min Scan# 1216

Delta R.T. -0.01 min

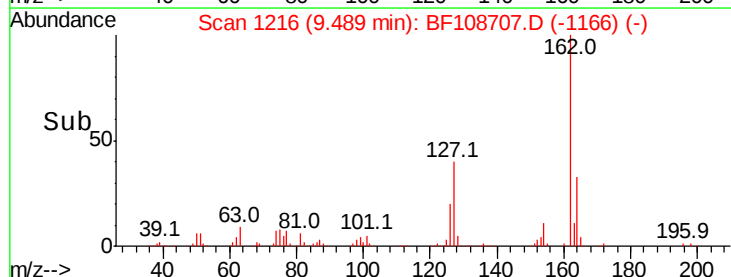
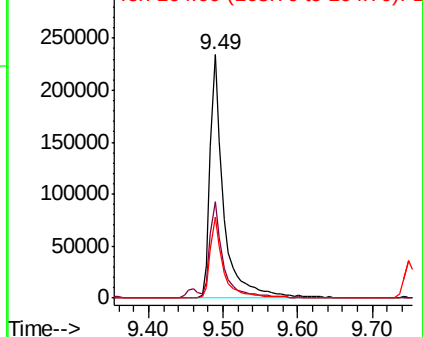
Lab File: BF108707.D

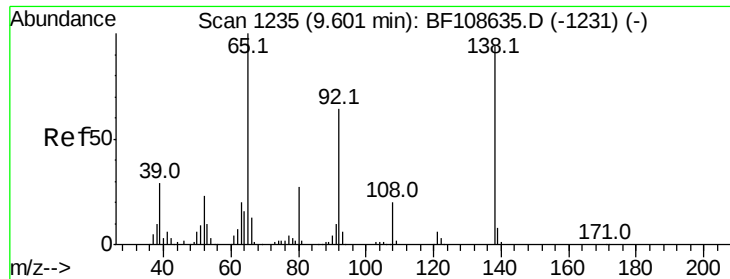
Acq: 31 Aug 2018 23:25

Tgt Ion:	162	Resp:	297652
Ion Ratio	Lower	Upper	
162	100		
127	39.6	33.9	50.9
164	33.1	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





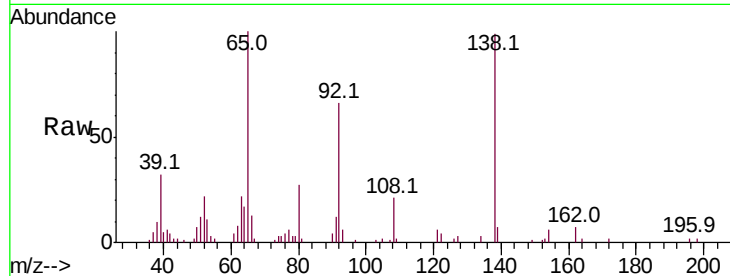
#47
2-Nitroaniline
Concen: 37.306 ng
RT: 9.60 min Scan# 1235
Delta R.T. -0.00 min
Lab File: BF108707.D
Acq: 31 Aug 2018 23:25

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

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.3	55.8	83.6
138	99.3	91.2	136.8

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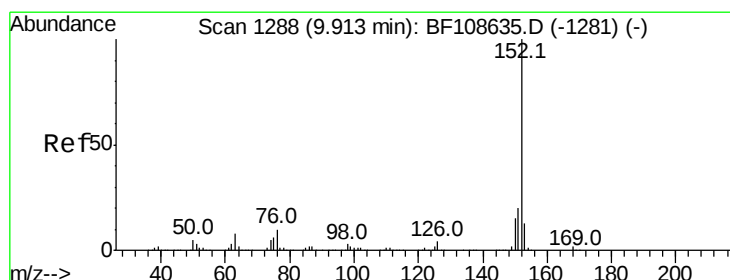
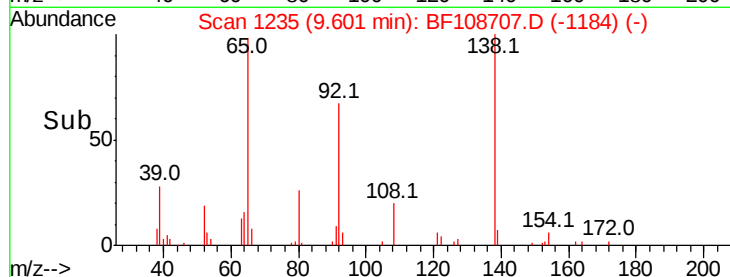
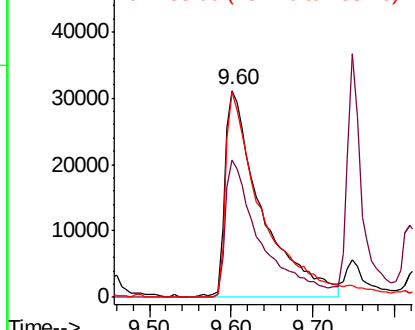


Abundance

Ion 65.00 (64.70 to 65.70): BF1

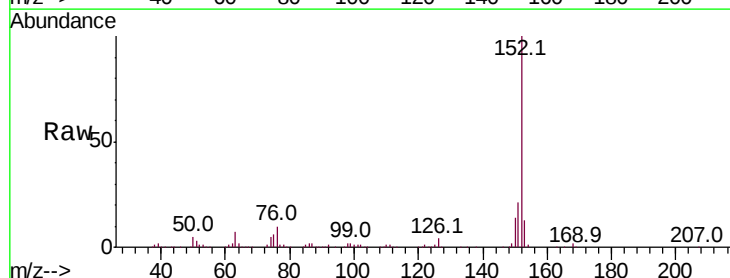
Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48
Acenaphthylene
Concen: 39.406 ng
RT: 9.91 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF108707.D
Acq: 31 Aug 2018 23:25

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	13.3	10.7	16.1

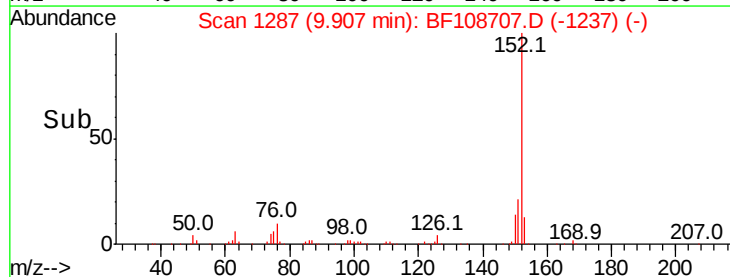
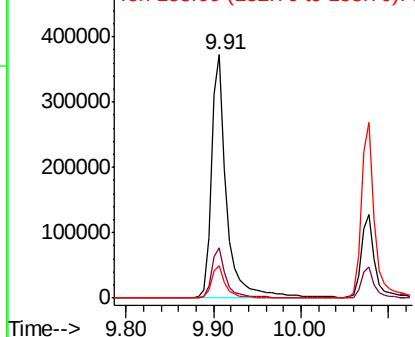


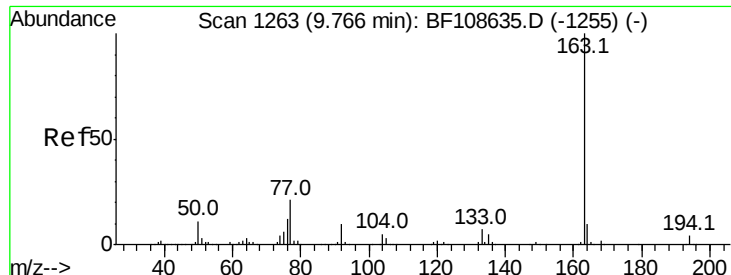
Abundance

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





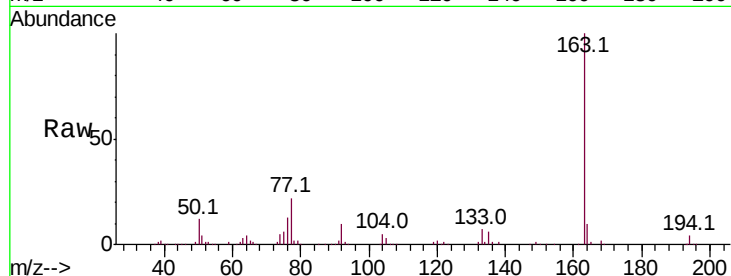
#49
Dimethylphthalate
Concen: 45.911 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108707.D
Acq: 31 Aug 2018 23:25

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

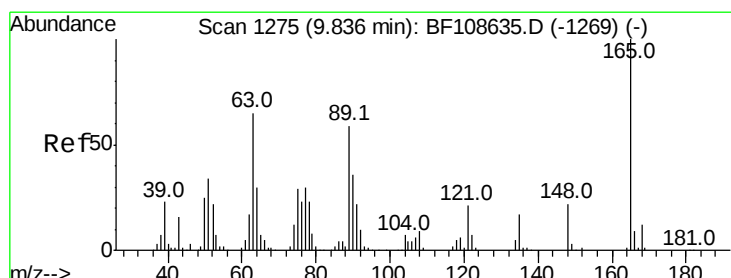
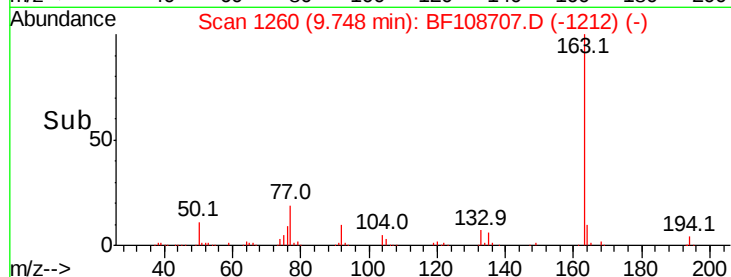
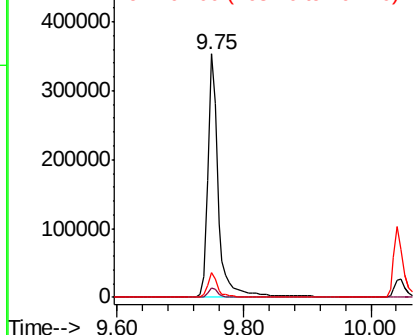
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.0	2.7	4.1	
164	10.1	8.2	12.2	

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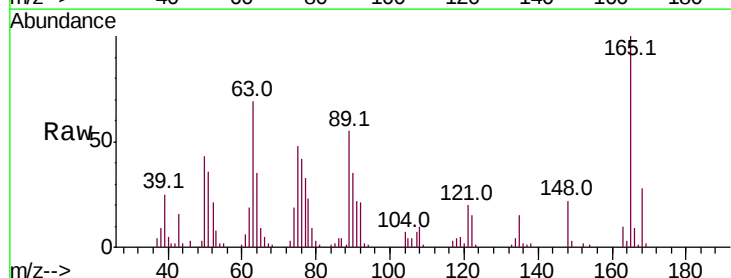


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

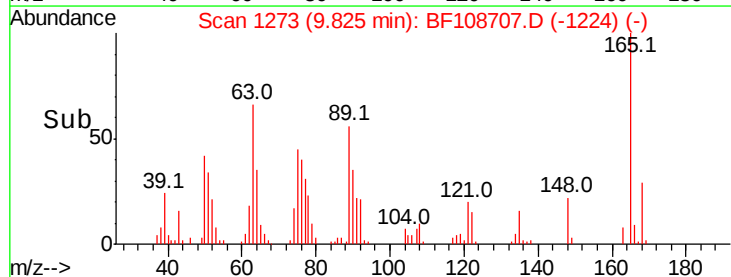
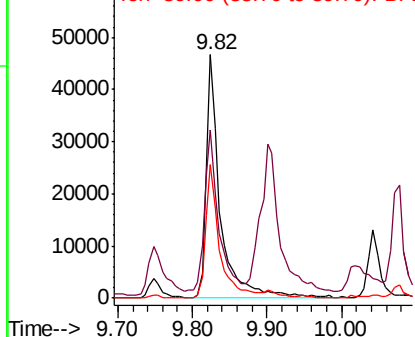


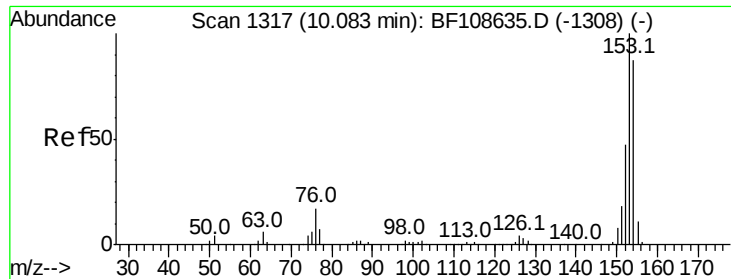
#50
2,6-Dinitrotoluene
Concen: 31.297 ng
RT: 9.82 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF108707.D
Acq: 31 Aug 2018 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	69.1	44.7	67.1#	
89	55.0	44.0	66.0	



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





#51

Acenaphthene

Concen: 37.700 ng

RT: 10.08 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF108707.D

Acq: 31 Aug 2018 23:25

Instrument :

BNA_F

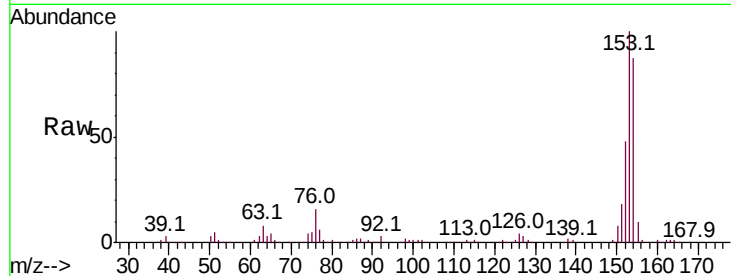
ClientSampleId :

RA-081618-FL-036MSRE

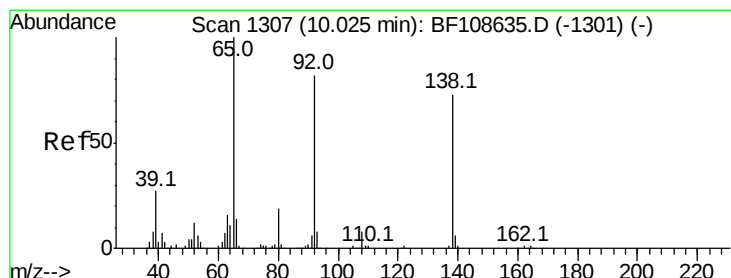
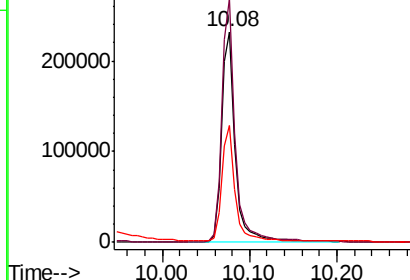
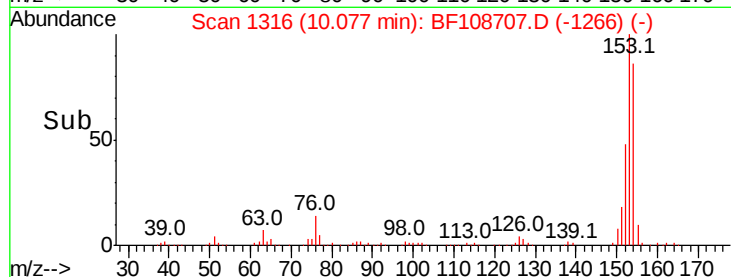
Tot Ion:	154	Resp:	256368
Ion Ratio	Lower	Upper	
154	100		
153	115.5	91.2	136.8
152	55.3	43.8	65.8

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



#52

3-Nitroaniline

Concen: 37.295 ng

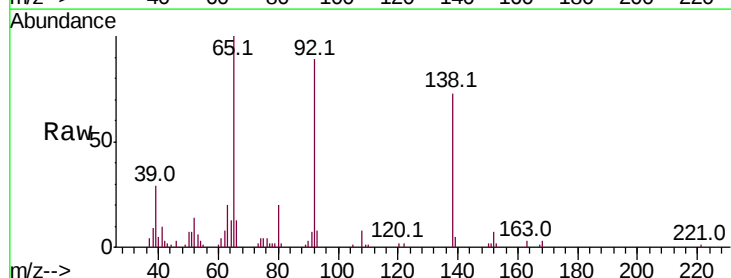
RT: 10.02 min Scan# 1306

Delta R.T. -0.01 min

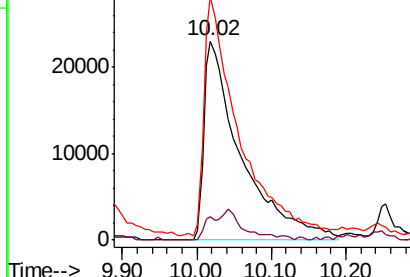
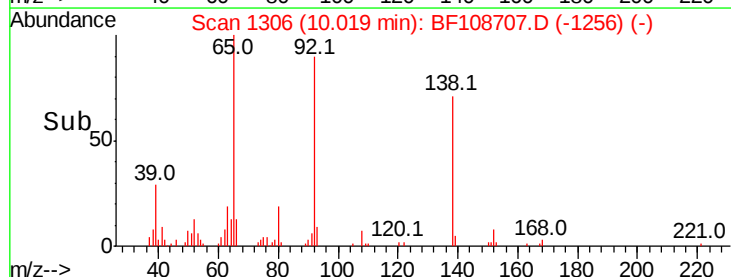
Lab File: BF108707.D

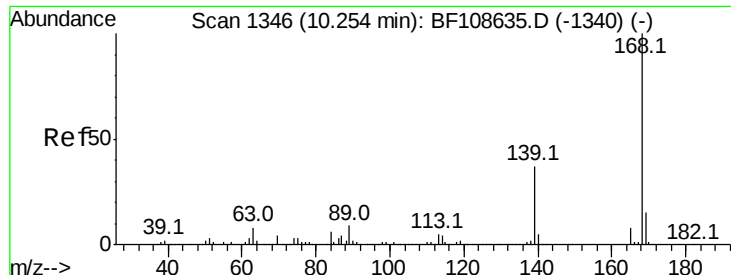
Acq: 31 Aug 2018 23:25

Tgt Ion:	138	Resp:	79824
Ion Ratio	Lower	Upper	
138	100		
108	11.7	9.4	14.0
92	122.2	89.4	134.2



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





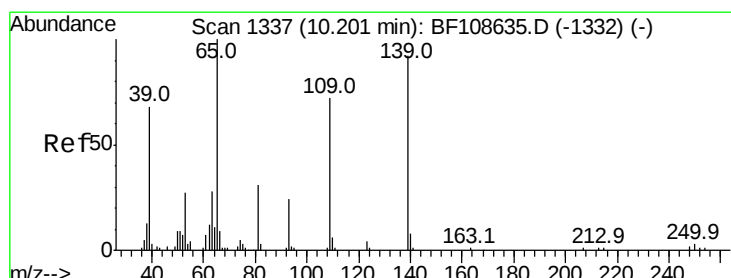
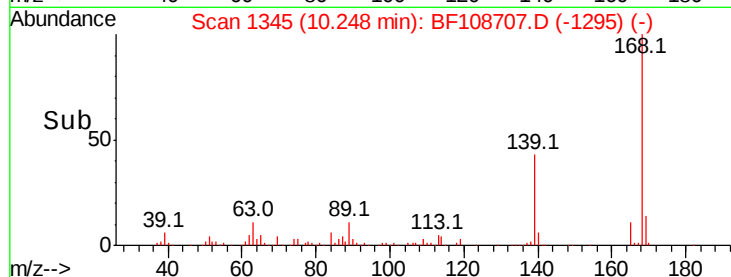
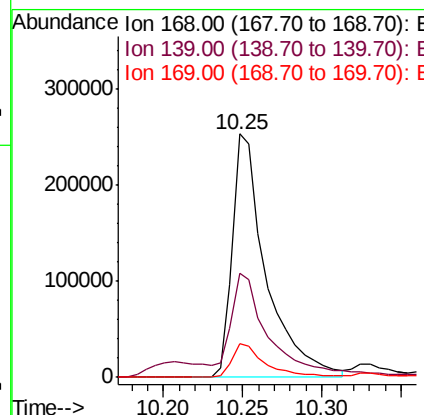
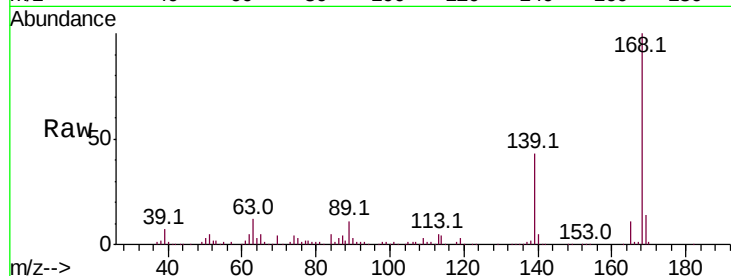
#54
Dibenzofuran
Concen: 35.244 ng
RT: 10.25 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF108707.D
Acq: 31 Aug 2018 23:25

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

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.7	30.1	45.1
169	14.0	10.9	16.3

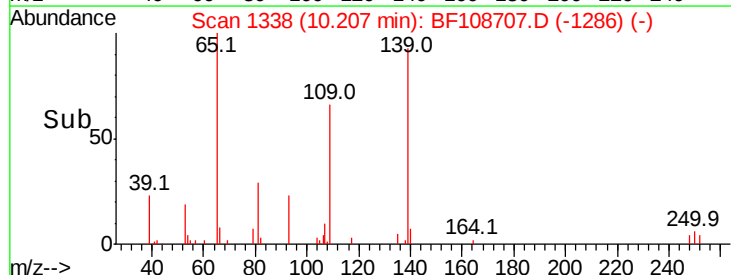
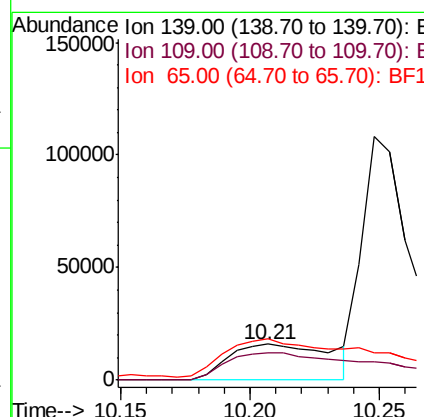
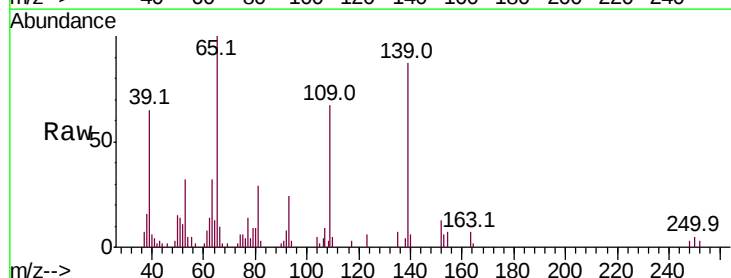
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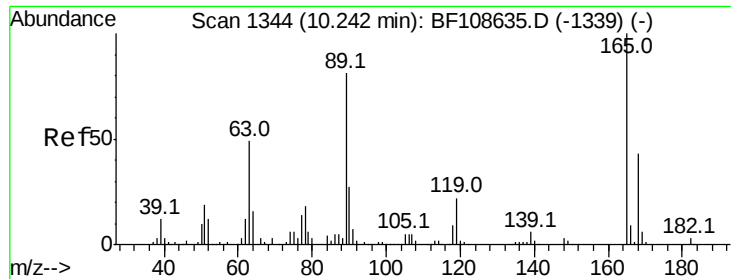
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#55
4-Nitrophenol
Concen: 34.951 ng m
RT: 10.21 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF108707.D
Acq: 31 Aug 2018 23:25

Tgt Ion	Ratio	Lower	Upper
139	100		
109	76.8	48.4	88.4
65	115.3	72.6	112.6#





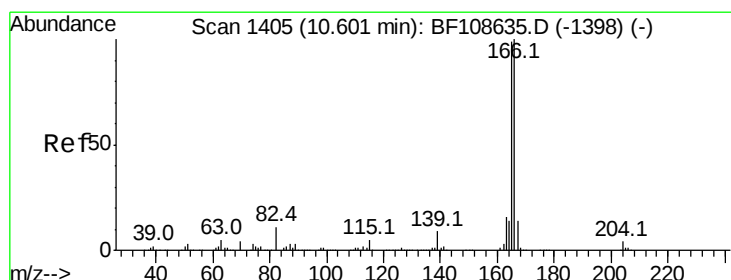
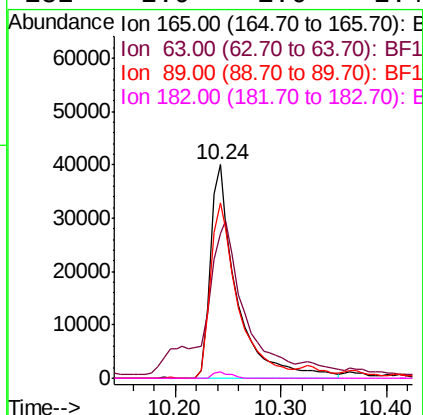
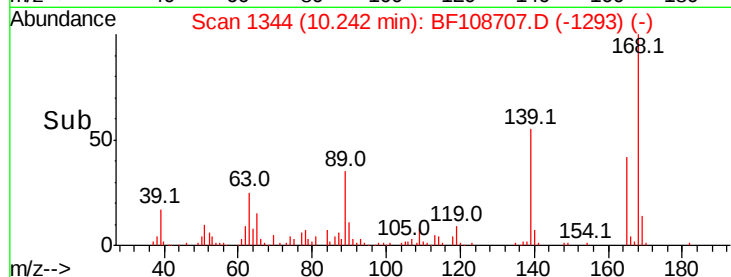
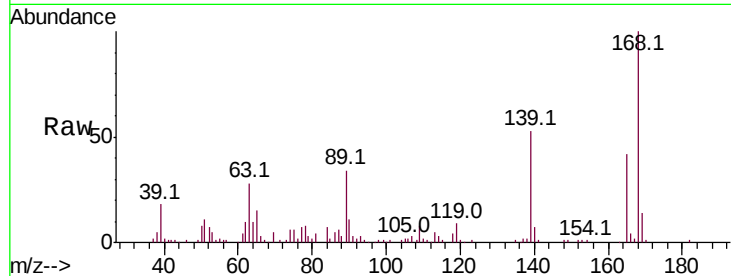
#56
 2,4-Dinitrotoluene
 Concen: 26.548 ng
 RT: 10.24 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: BF108707.D
 Acq: 31 Aug 2018 23:25

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

Tot Ion	Ratio	Lower	Upper
165	100		
63	67.8	36.4	54.6#
89	82.3	57.8	86.6
182	2.9	1.6	2.4#

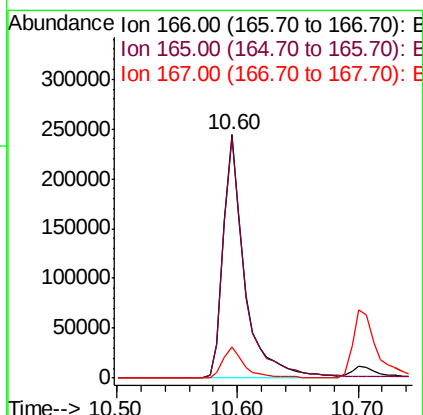
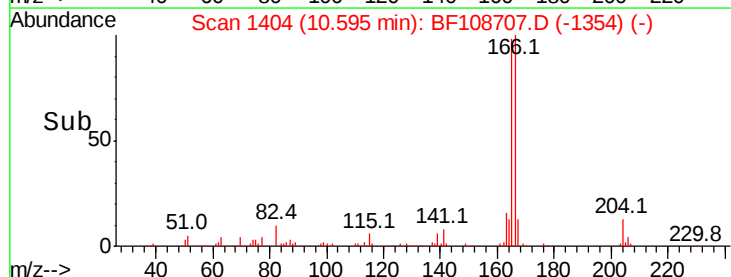
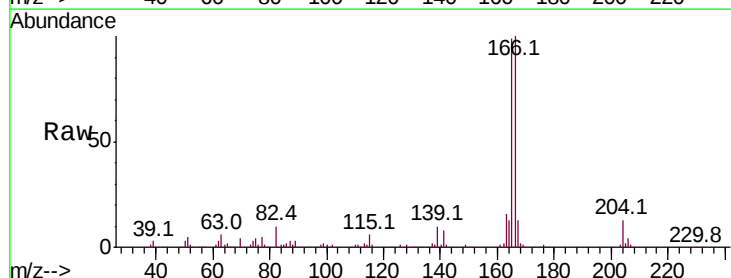
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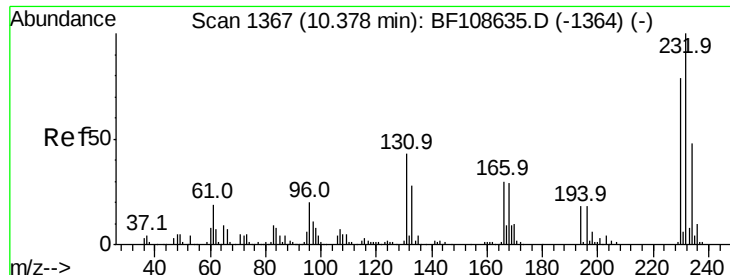
Sohil
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#57
 Fluorene
 Concen: 36.540 ng
 RT: 10.60 min Scan# 1404
 Delta R.T. -0.01 min
 Lab File: BF108707.D
 Acq: 31 Aug 2018 23:25

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.8	119.8
167	13.0	10.6	16.0





#58

2,3,4,6-Tetrachlorophenol

Concen: 37.148 ng

RT: 10.37 min Scan# 1366

Delta R.T. -0.01 min

Lab File: BF108707.D

Acq: 31 Aug 2018 23:25

Instrument :

BNA_F

ClientSampleId :

RA-081618-FL-036MSRE

Tot Ion:232 Resp: 92997

Ion Ratio Lower Upper

232 100

131 42.7 43.8 65.8#

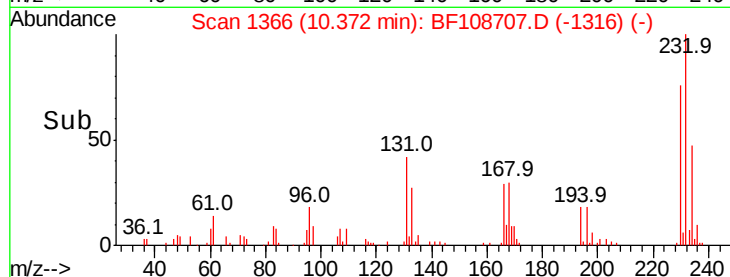
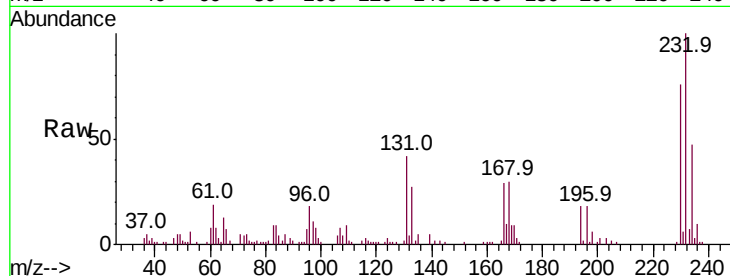
130 1.6 2.1 3.1#

166 21.5 27.8 41.6#

Manual Integrations
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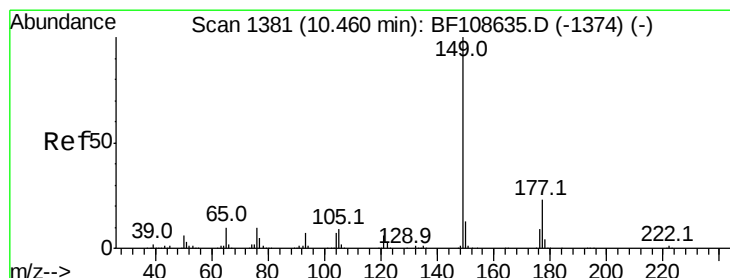
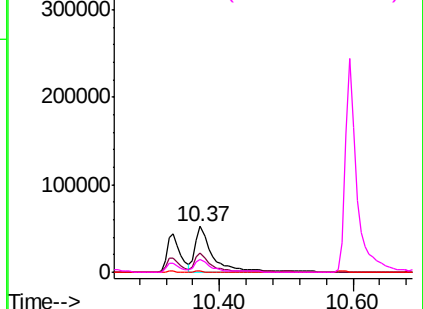


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59

Diethylphthalate

Concen: 36.431 ng

RT: 10.45 min Scan# 1379

Delta R.T. -0.01 min

Lab File: BF108707.D

Acq: 31 Aug 2018 23:25

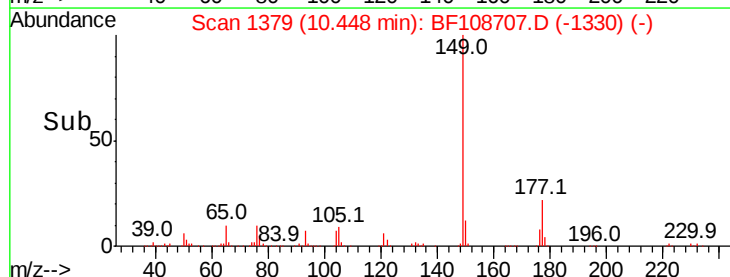
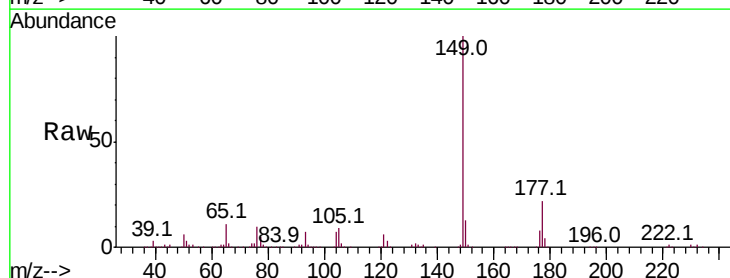
Tgt Ion:149 Resp: 329445

Ion Ratio Lower Upper

149 100

177 22.3 16.1 24.1

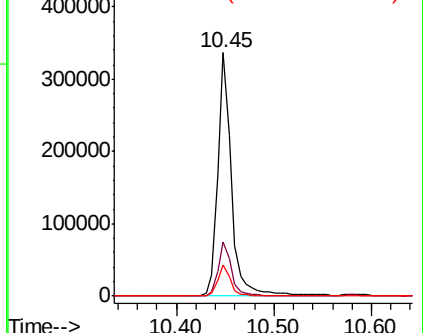
150 12.6 10.1 15.1

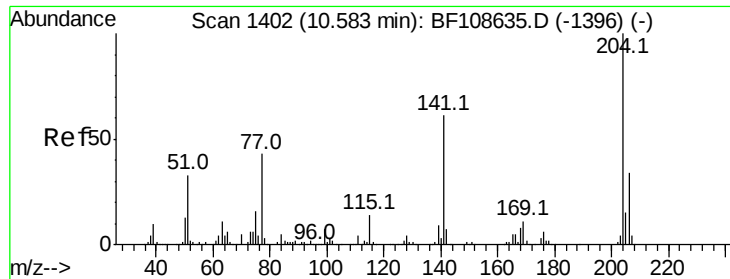


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





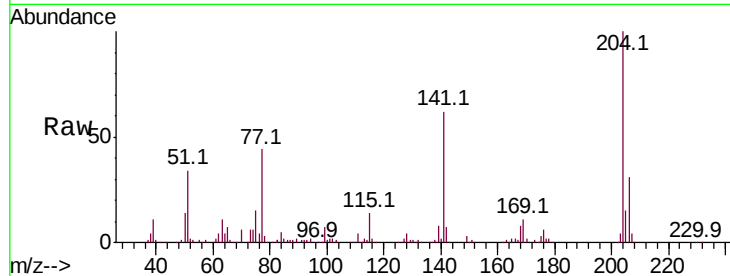
#60
4-Chlorophenyl-phenylether
Concen: 33.673 ng
RT: 10.58 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF108707.D
Acq: 31 Aug 2018 23:25

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

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.2	26.5	39.7
141	61.8	54.6	81.8

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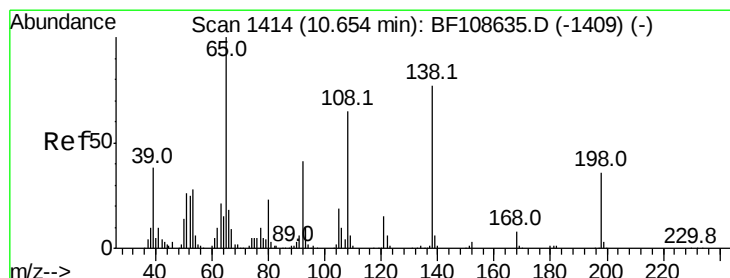
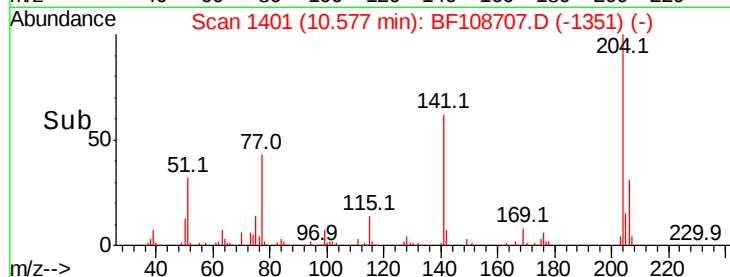
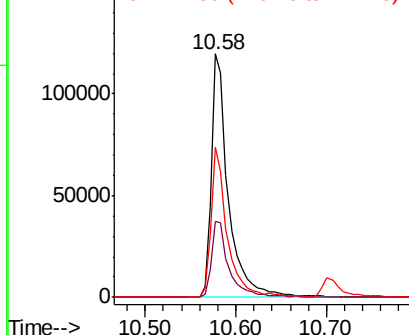


Abundance

Ion 204.00 (203.70 to 204.70): E

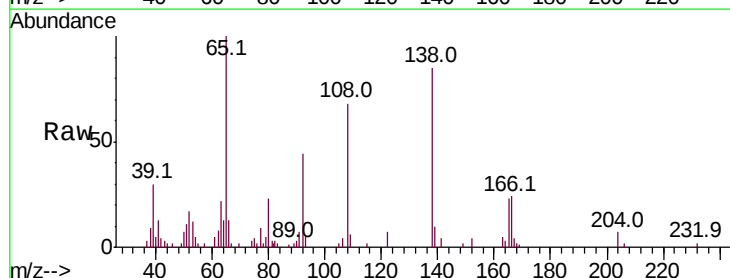
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#61
4-Nitroaniline
Concen: 38.032 ng
RT: 10.65 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BF108707.D
Acq: 31 Aug 2018 23:25

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.4	30.2	70.2
108	79.9	52.5	92.5

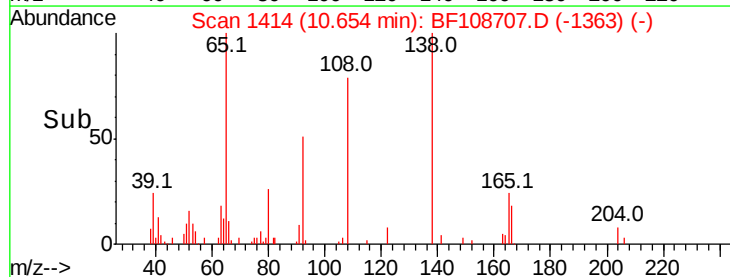
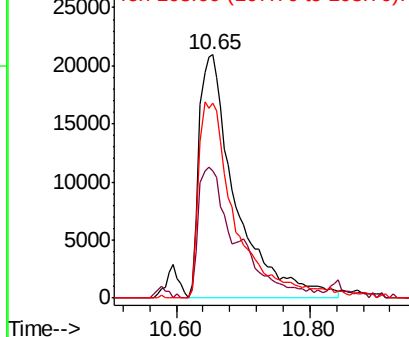


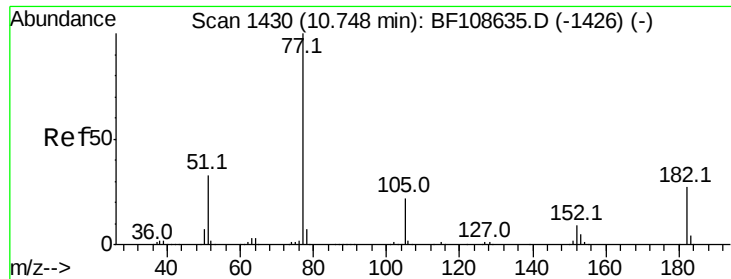
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





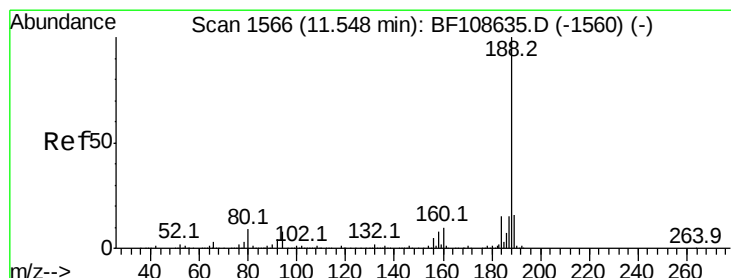
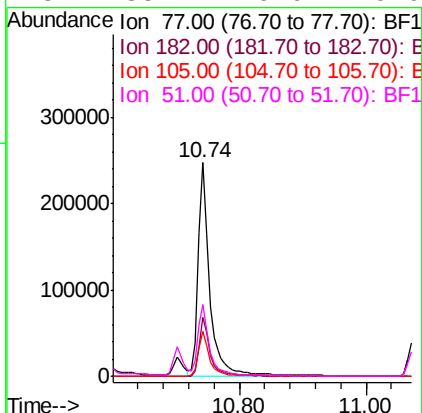
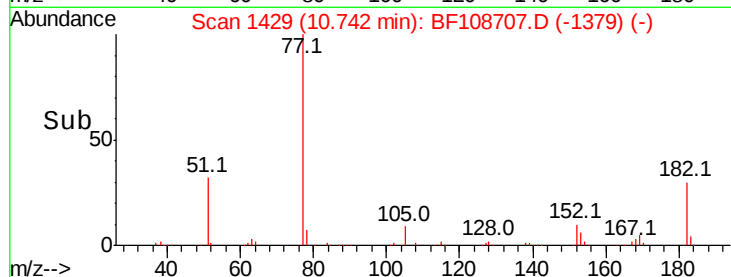
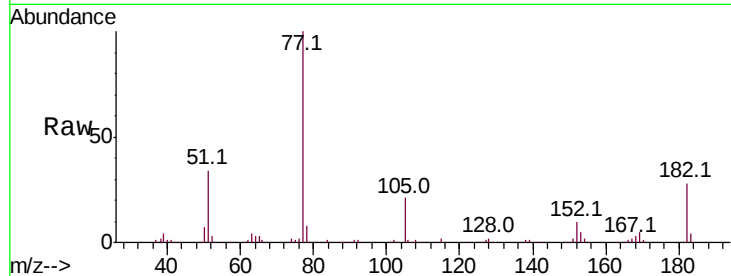
#62
Azobenzene
Concen: 33.920 ng
RT: 10.74 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF108707.D
Acq: 31 Aug 2018 23:25

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	27.6	1.7	41.7		
105	21.0	3.0	43.0		
51	33.7	9.9	49.9		

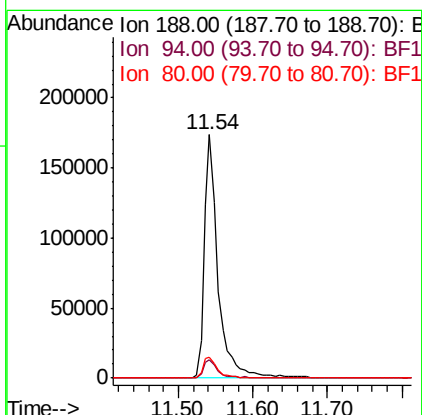
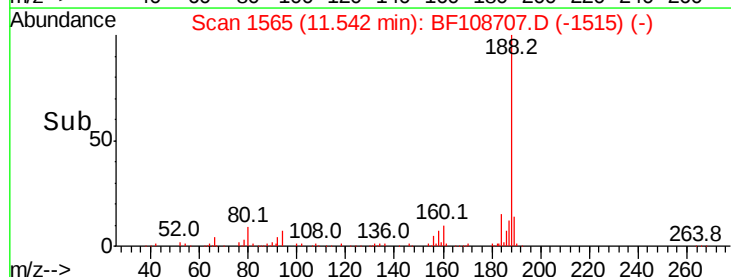
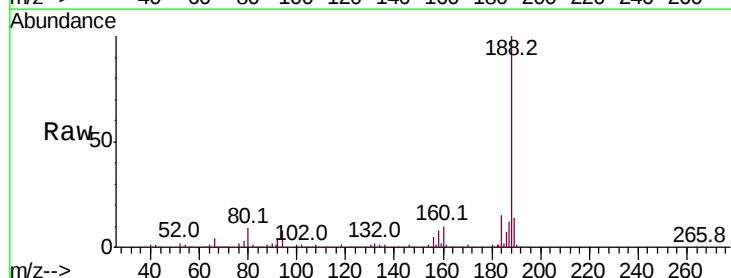
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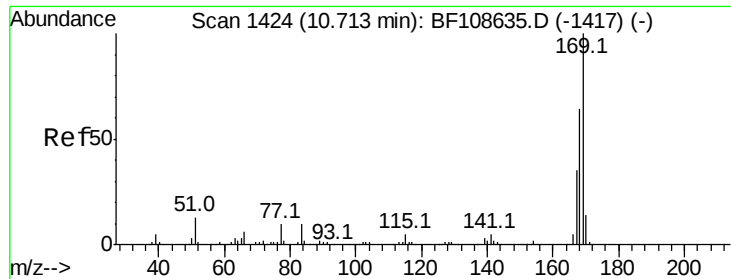
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108707.D
Acq: 31 Aug 2018 23:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	7.6	8.5	12.7#		
80	8.7	9.2	13.8#		





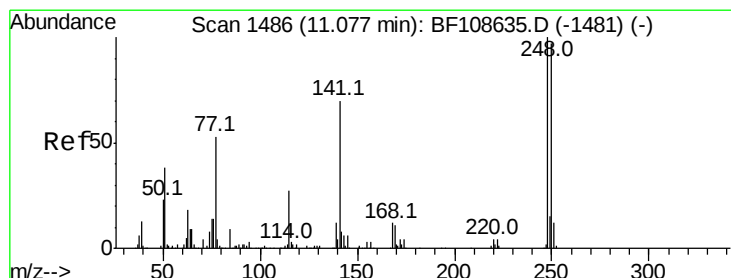
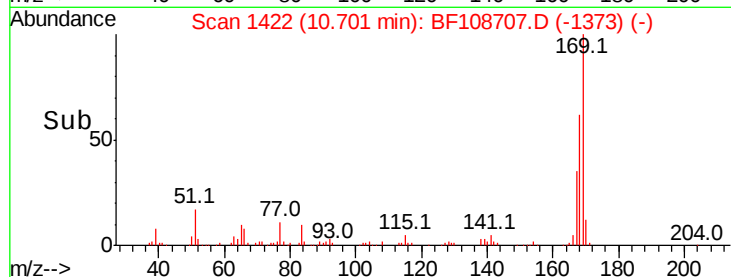
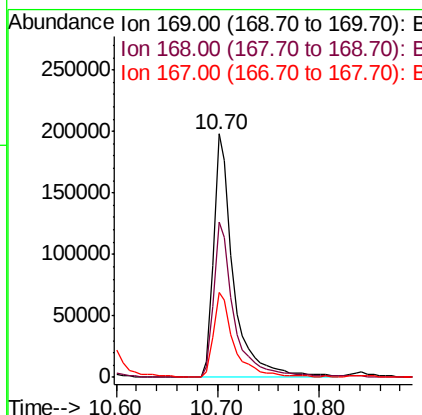
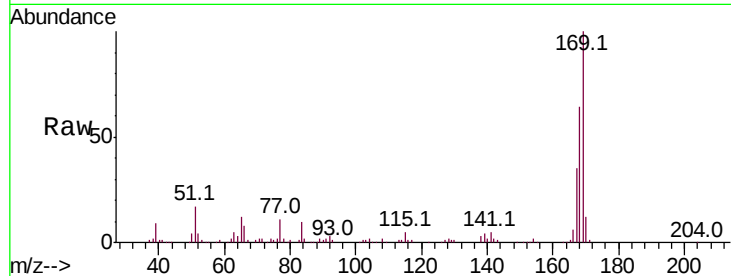
#65
 n-Nitrosodiphenylamine
 Concen: 36.371 ng
 RT: 10.70 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF108707.D
 Acq: 31 Aug 2018 23:25

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

Tot Ion	Ratio	Resp	Lower	Upper
169	100	270589		
168	63.6		54.4	81.6
167	34.8		29.8	44.6

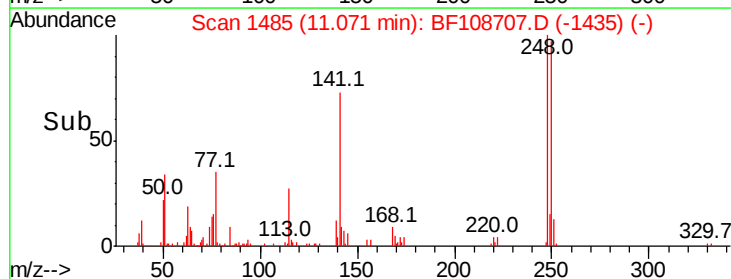
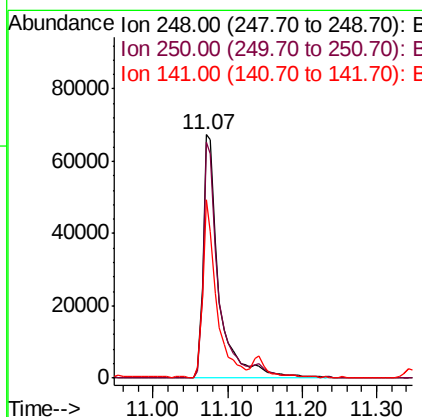
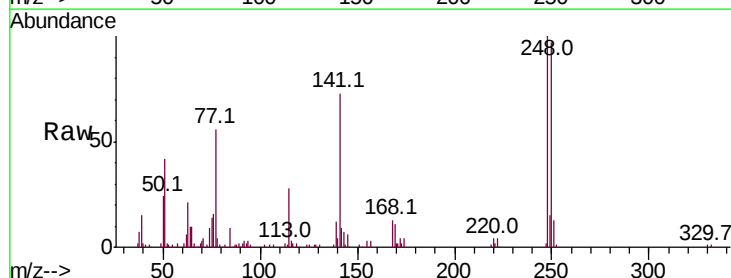
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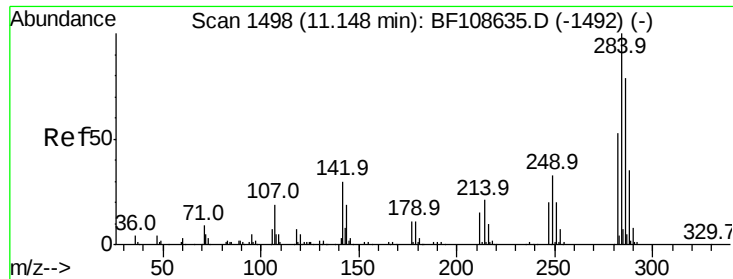
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#66
 4-Bromophenyl-phenylether
 Concen: 36.571 ng
 RT: 11.07 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: BF108707.D
 Acq: 31 Aug 2018 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	100648		
250	96.7		76.9	115.3
141	73.2		74.4	111.6#





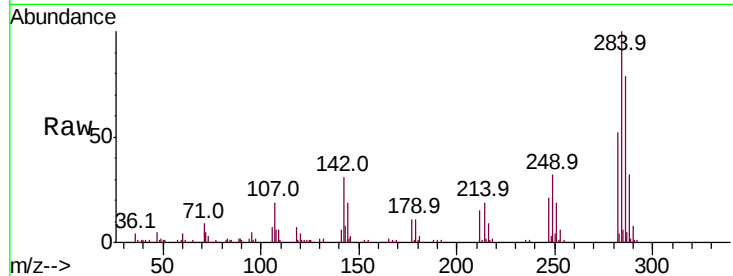
#67
Hexachlorobenzene
Concen: 34.415 ng
RT: 11.14 min Scan# 1497
Delta R.T. -0.01 min
Lab File: BF108707.D
Acq: 31 Aug 2018 23:25

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

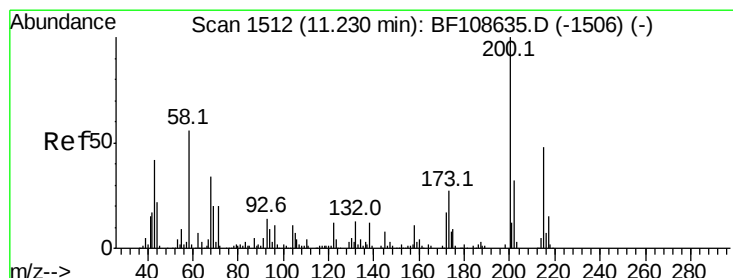
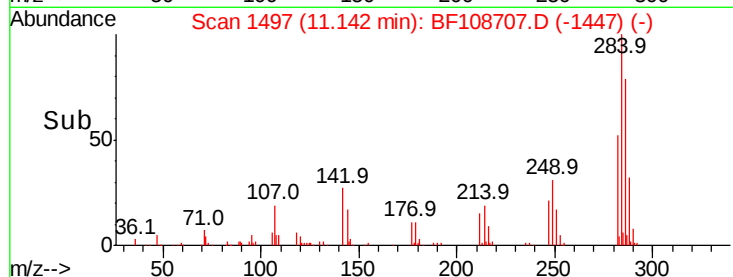
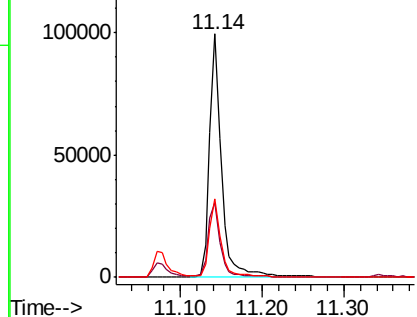
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	30.8	34.6	52.0#	
249	32.2	24.8	37.2	

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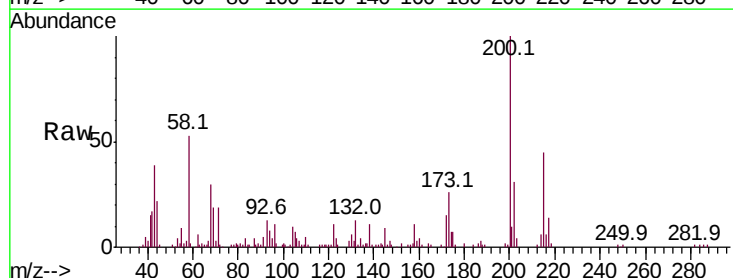


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

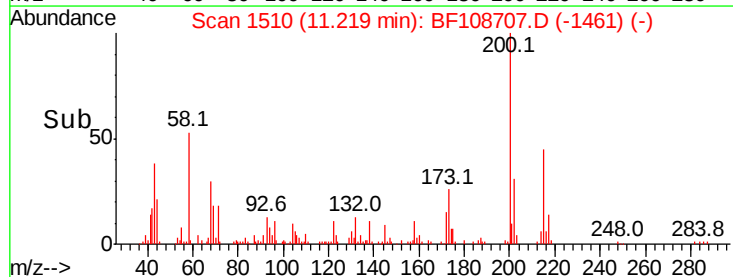
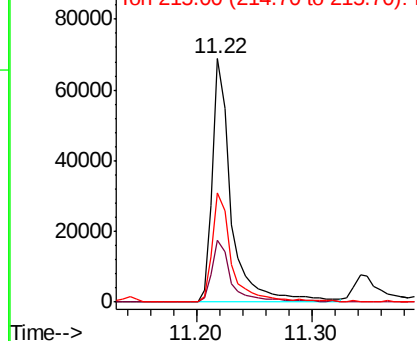


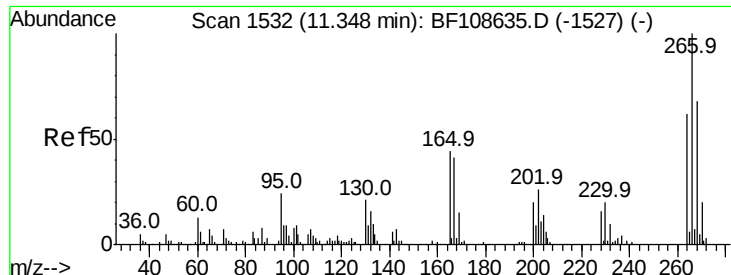
#68
Atrazine
Concen: 35.077 ng
RT: 11.22 min Scan# 1510
Delta R.T. -0.01 min
Lab File: BF108707.D
Acq: 31 Aug 2018 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	25.6	8.6	48.6	
215	44.8	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





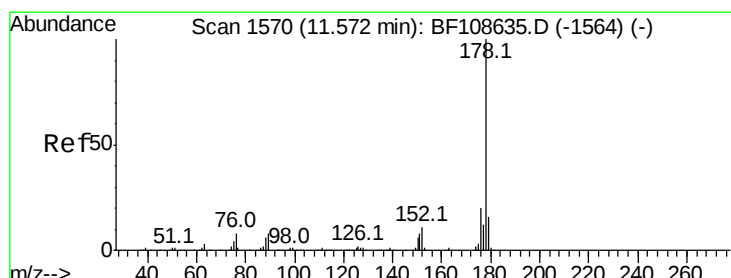
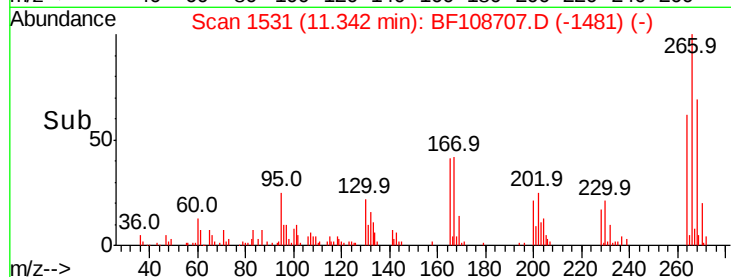
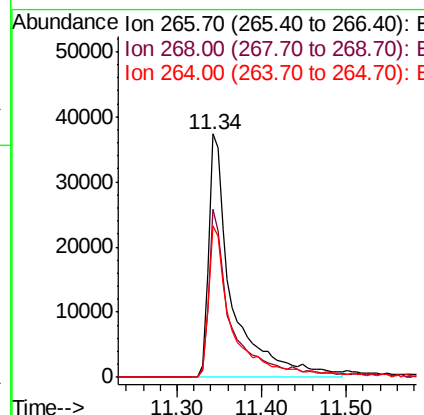
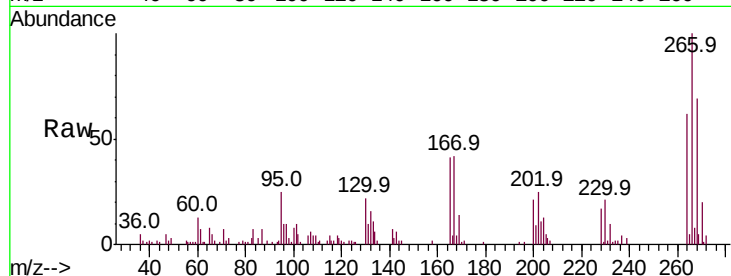
#69
 Pentachlorophenol
 Concen: 45.531 ng
 RT: 11.34 min Scan# 1531
 Delta R.T. -0.01 min
 Lab File: BF108707.D
 Acq: 31 Aug 2018 23:25

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

Tot Ion	Ratio	Lower	Upper
266	100		
268	68.9	51.1	76.7
264	62.4	49.5	74.3

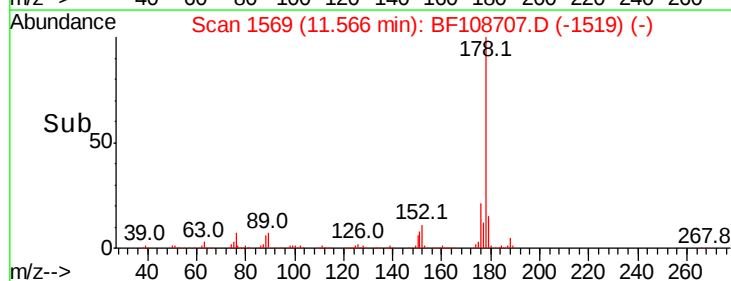
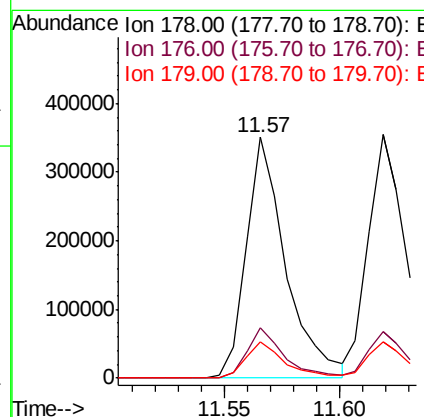
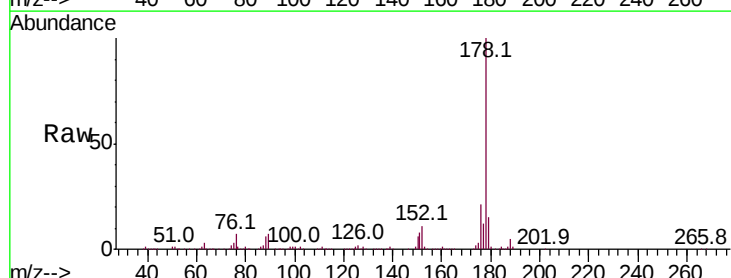
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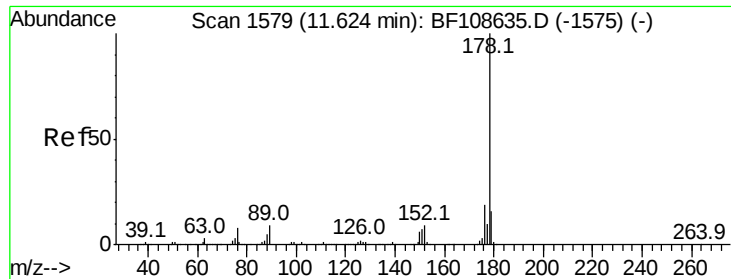
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#70
 Phenanthrene
 Concen: 37.011 ng
 RT: 11.57 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF108707.D
 Acq: 31 Aug 2018 23:25

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.8	23.8
179	15.3	13.0	19.6





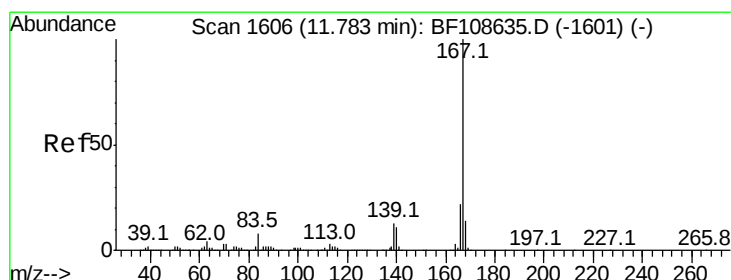
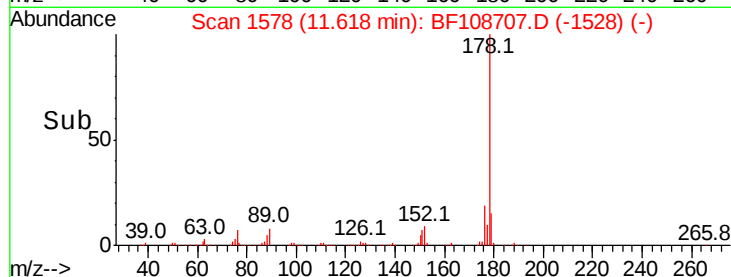
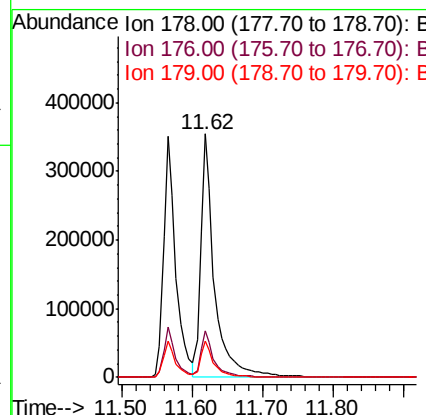
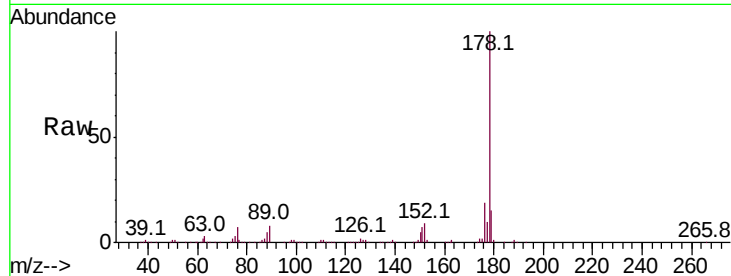
#71
 Anthracene
 Concen: 40.999 ng
 RT: 11.62 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF108707.D
 Acq: 31 Aug 2018 23:25

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.1	12.6	19.0

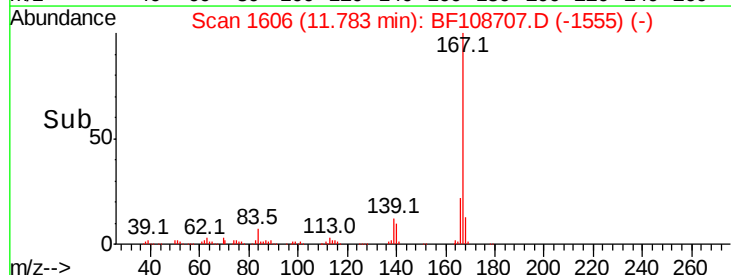
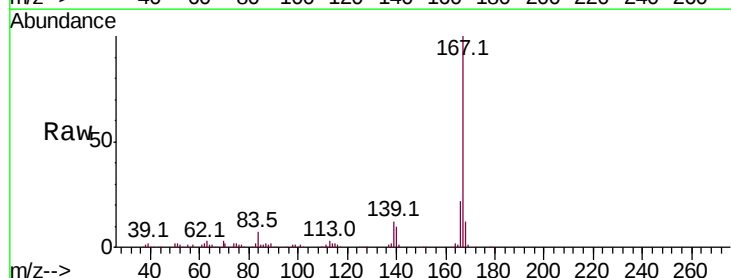
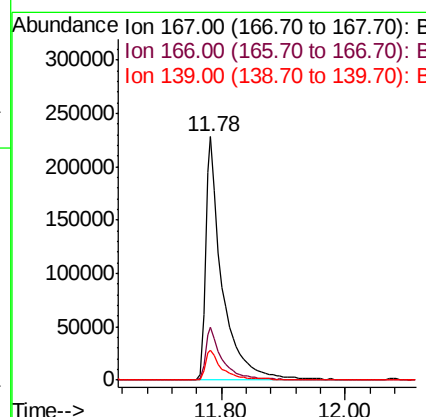
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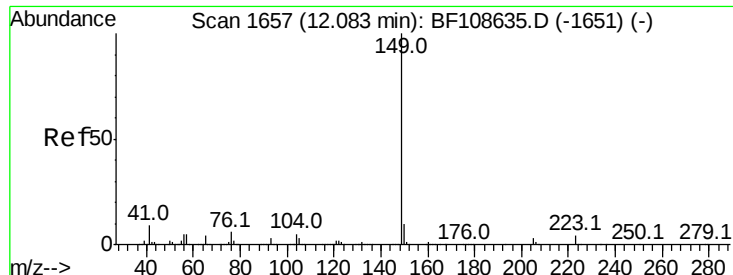
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#72
 Carbazole
 Concen: 37.382 ng
 RT: 11.78 min Scan# 1606
 Delta R.T. -0.00 min
 Lab File: BF108707.D
 Acq: 31 Aug 2018 23:25

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.6	26.4
139	12.0	10.9	16.3





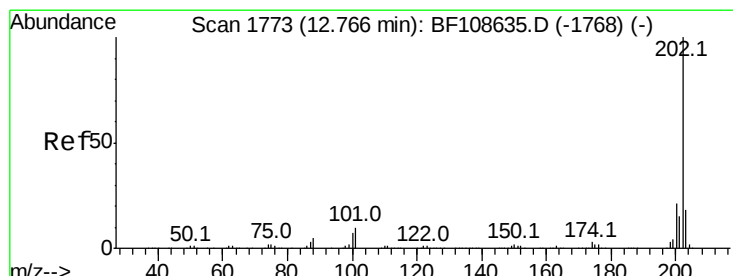
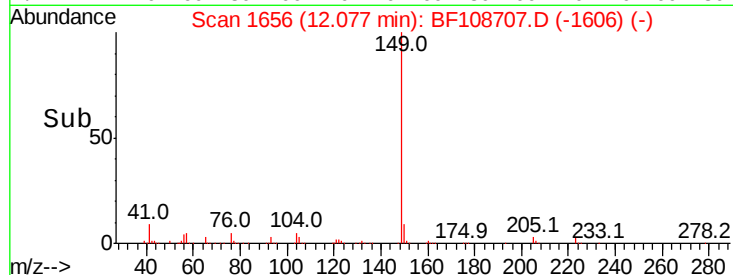
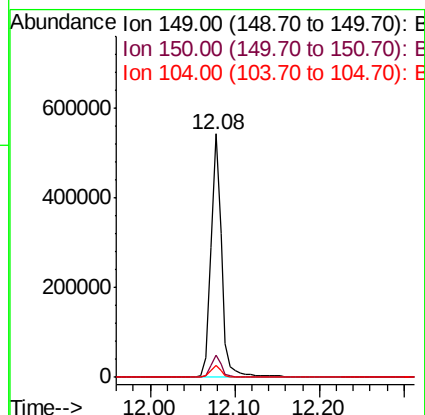
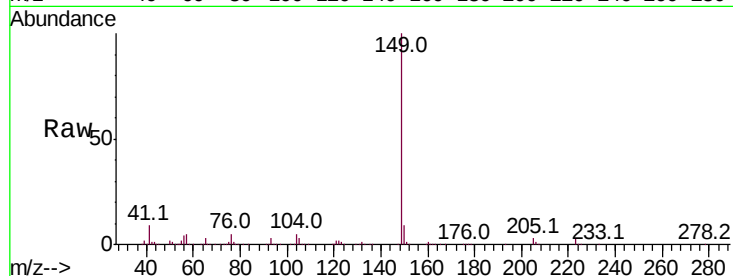
#73
Di-n-butylphthalate
Concen: 36.681 ng
RT: 12.08 min Scan# 1656
Delta R.T. -0.01 min
Lab File: BF108707.D
Acq: 31 Aug 2018 23:25

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

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.3	7.8	11.6	
104	5.1	3.8	5.8	

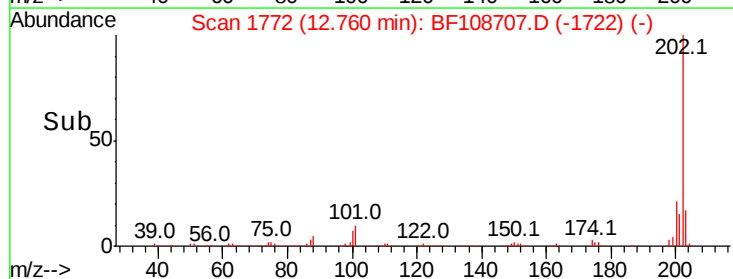
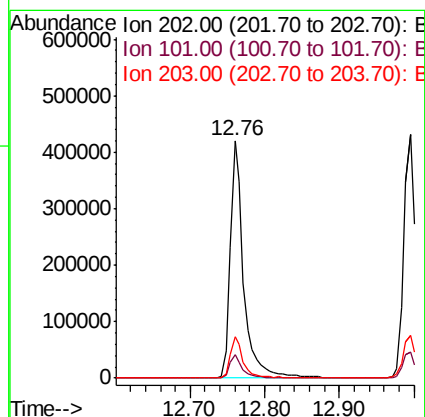
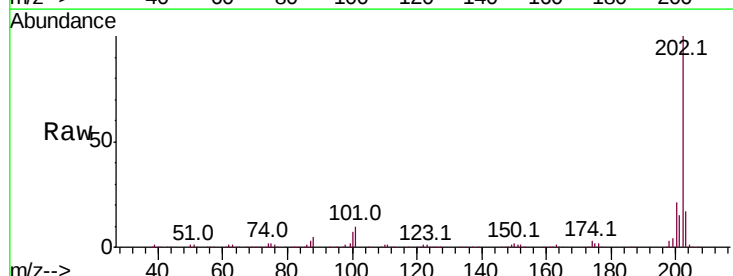
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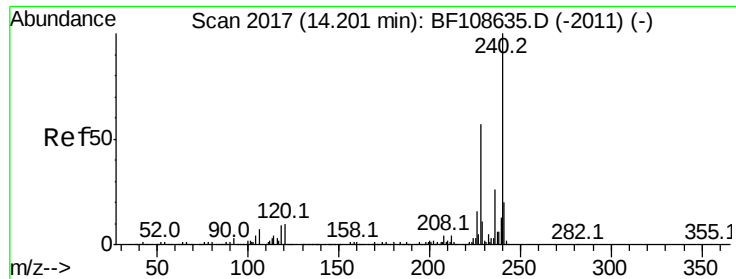
Sohil
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#74
Fluoranthene
Concen: 41.683 ng
RT: 12.76 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BF108707.D
Acq: 31 Aug 2018 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	9.7	0.0	34.1	
203	17.4	0.0	38.1	





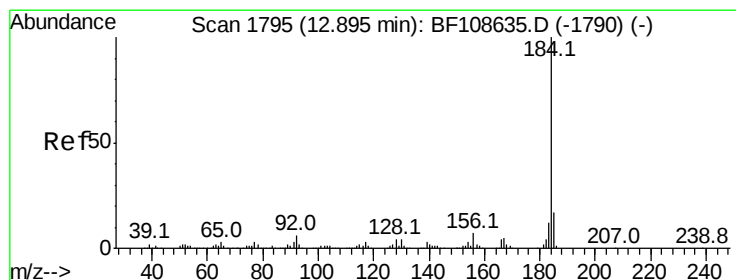
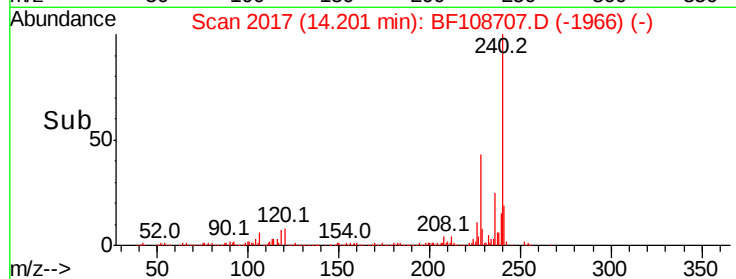
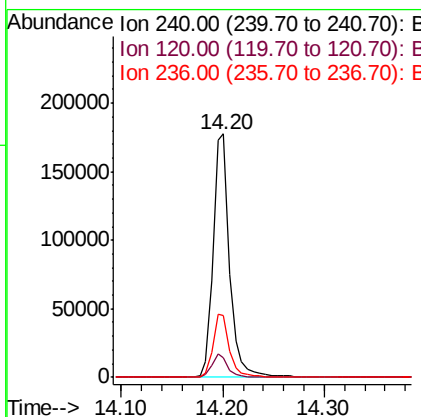
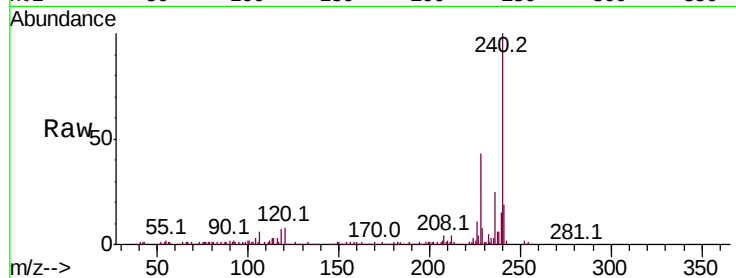
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.20 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BF108707.D
Acq: 31 Aug 2018 23:25

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

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.3	9.5	14.3#
236	25.3	20.7	31.1

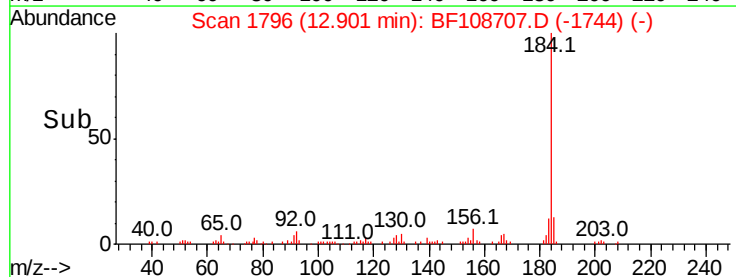
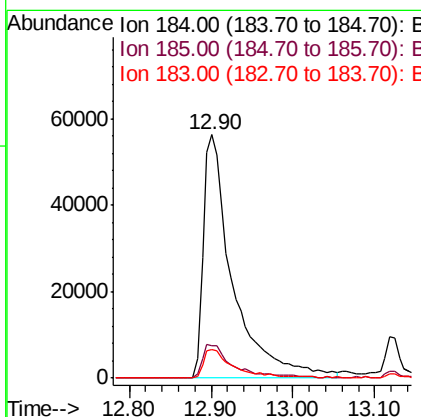
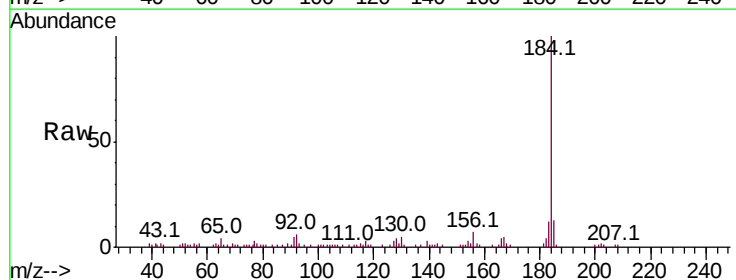
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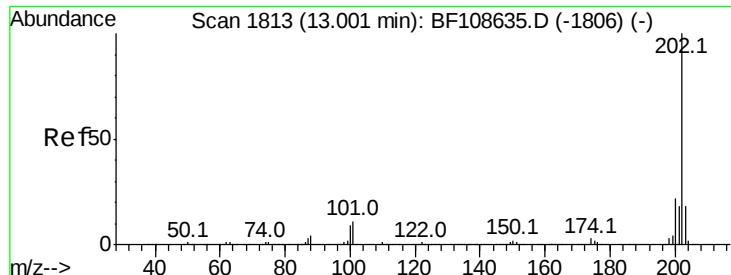
Sohil
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#76
Benzidine
Concen: 25.057 ng
RT: 12.90 min Scan# 1796
Delta R.T. 0.01 min
Lab File: BF108707.D
Acq: 31 Aug 2018 23:25

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.4	12.6	18.8
183	11.6	9.3	13.9





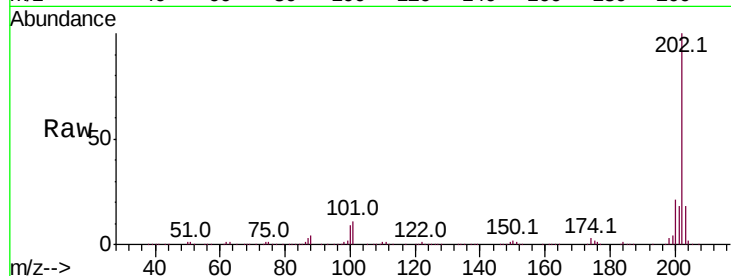
#77
Pvrene
Concen: 35.167 ng
RT: 12.99 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF108707.D
Acq: 31 Aug 2018 23:25

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

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.7	14.3	21.5

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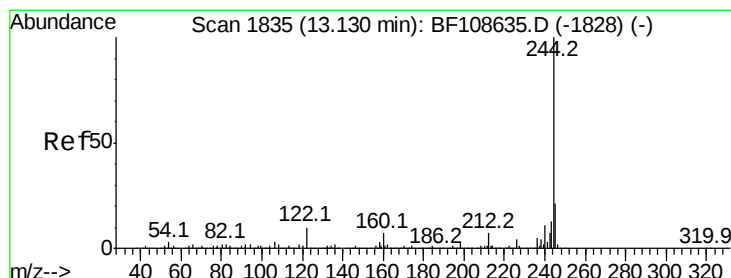
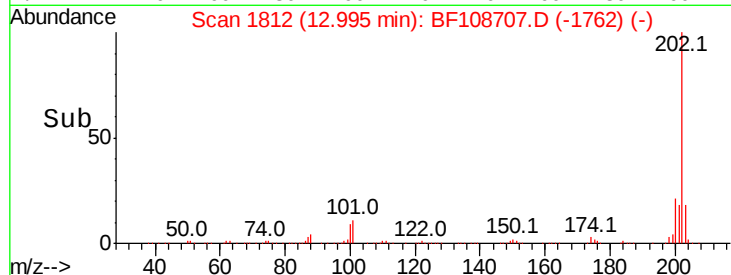
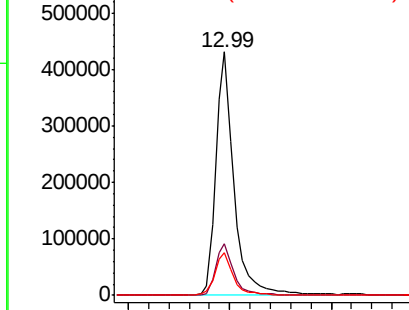


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 71.962 ng
RT: 13.12 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BF108707.D
Acq: 31 Aug 2018 23:25

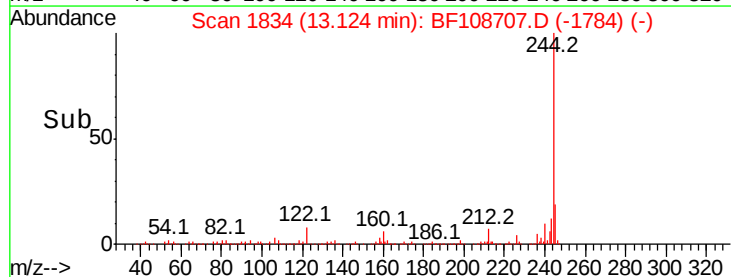
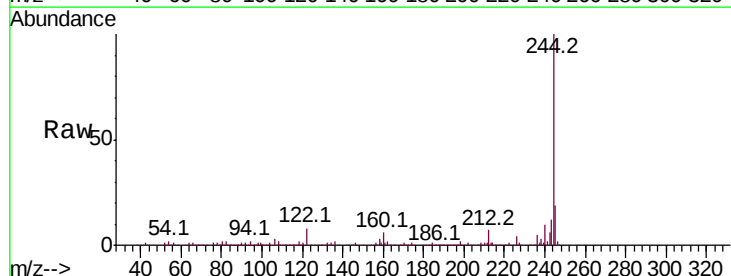
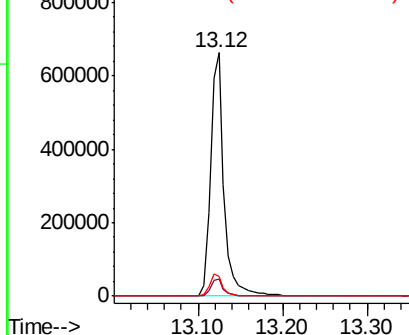
Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.0	5.4	8.0
122	8.0	11.0	16.4#

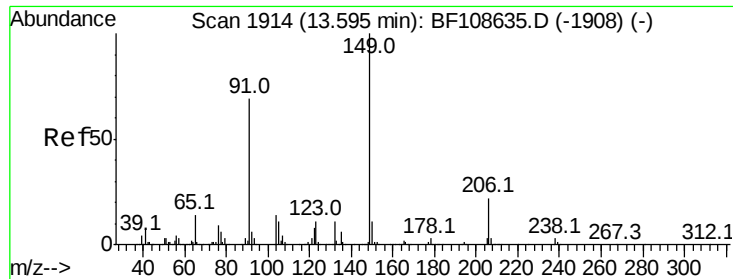
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





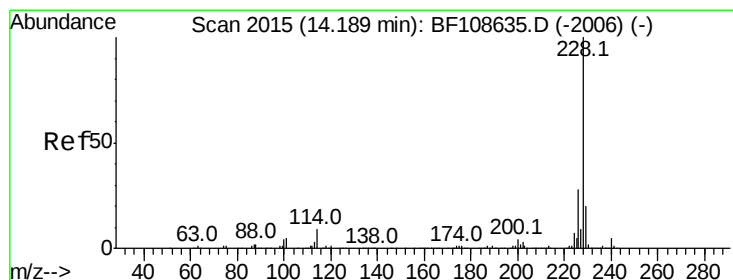
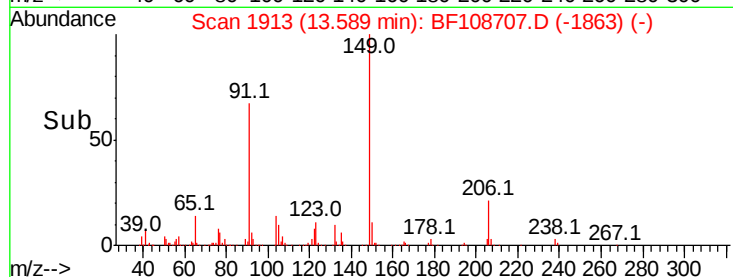
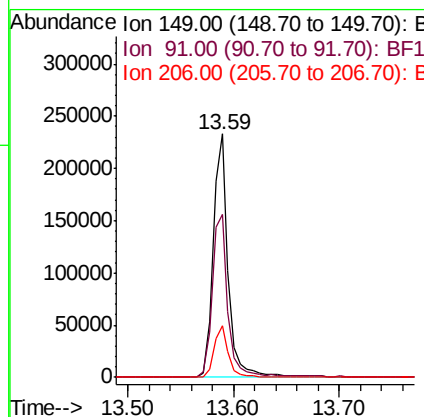
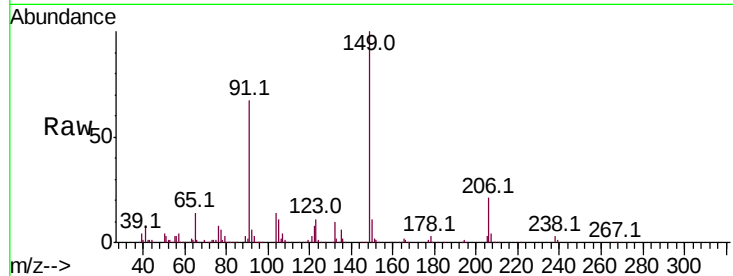
#79
Butylbenzylphthalate
Concen: 36.917 ng
RT: 13.59 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BF108707.D
Acq: 31 Aug 2018 23:25

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

Tot Ion	Ratio	Resp	Lower	Upper
149	100	234403		
91	67.0	56.8	85.2	
206	21.3	14.1	21.1	

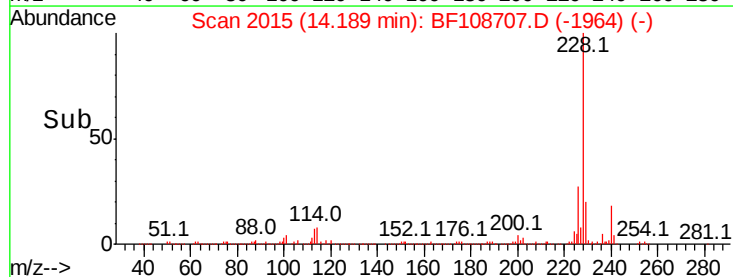
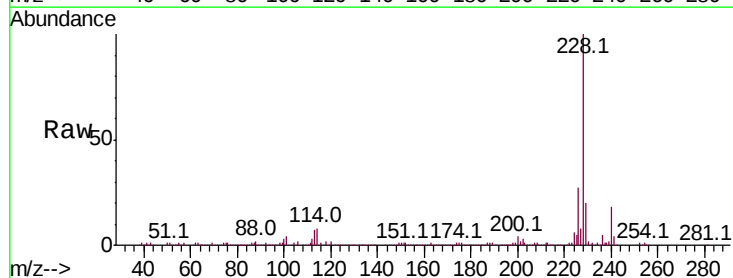
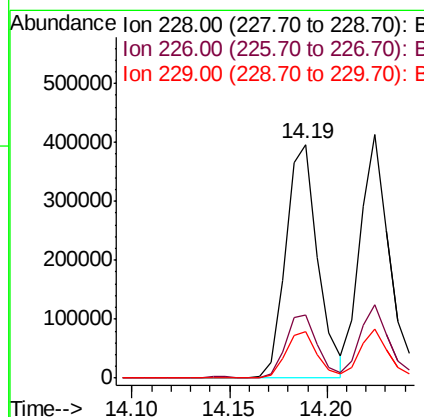
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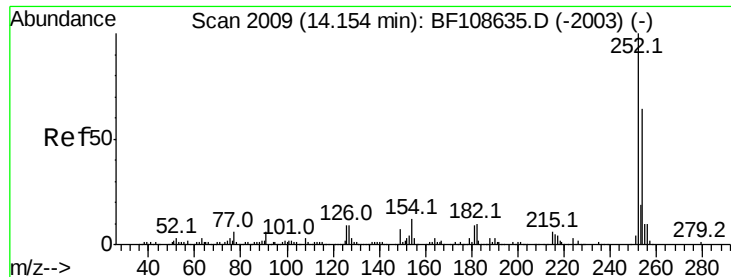
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#80
Benzo(a)anthracene
Concen: 36.809 ng
RT: 14.19 min Scan# 1515
Delta R.T. -0.00 min
Lab File: BF108707.D
Acq: 31 Aug 2018 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	450747		
226	26.9	22.6	33.8	
229	19.8	15.8	23.6	





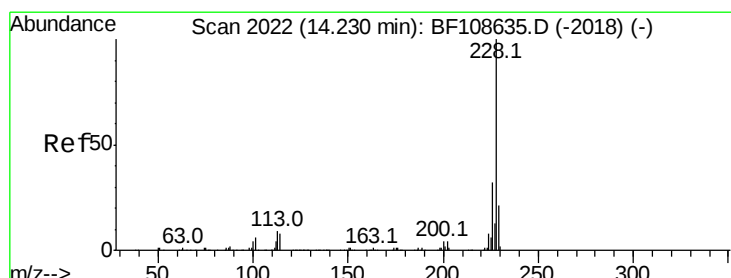
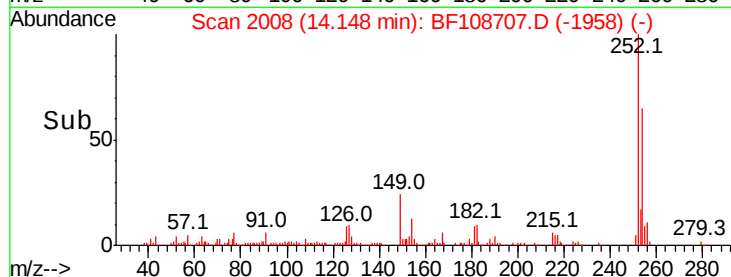
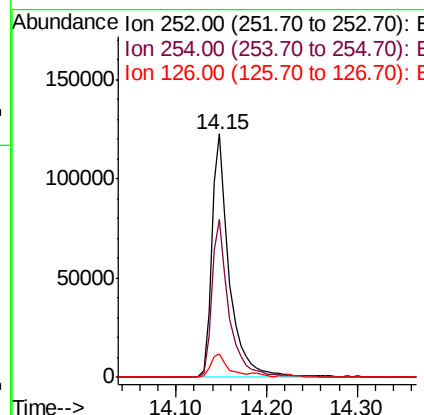
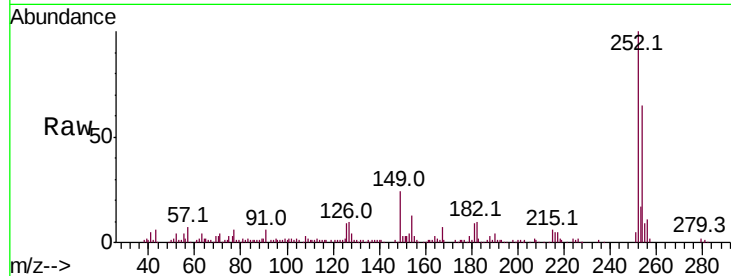
#81
 3,3'-Dichlorobenzidine
 Concen: 37.387 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF108707.D
 Acq: 31 Aug 2018 23:25

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

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.0	50.4	75.6
126	9.4	11.3	16.9

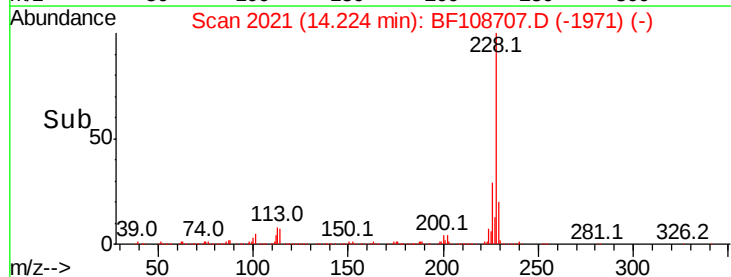
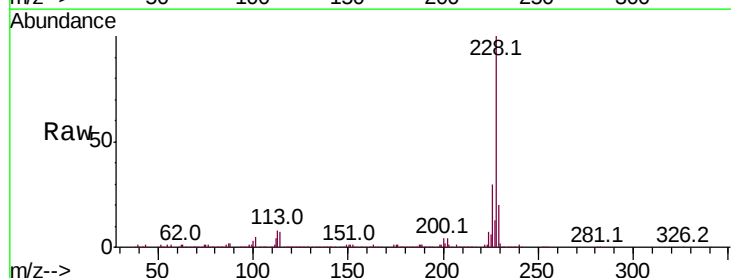
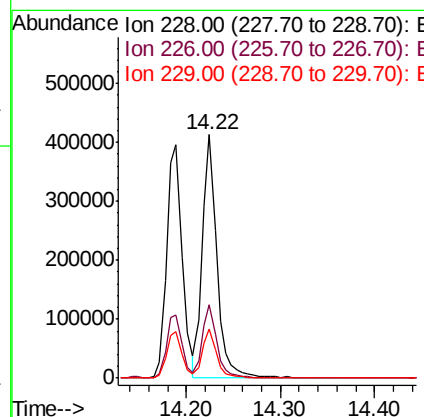
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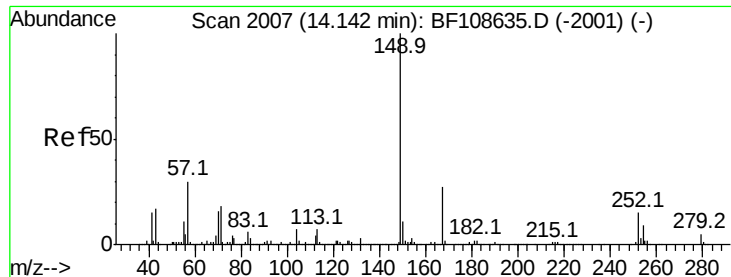
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#82
 Chrysene
 Concen: 38.052 ng
 RT: 14.22 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF108707.D
 Acq: 31 Aug 2018 23:25

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	29.9	25.0	37.6
229	20.2	16.2	24.4





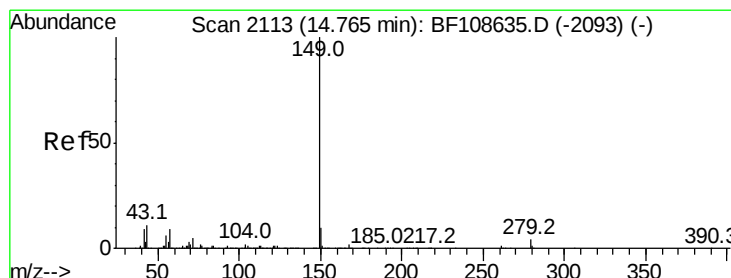
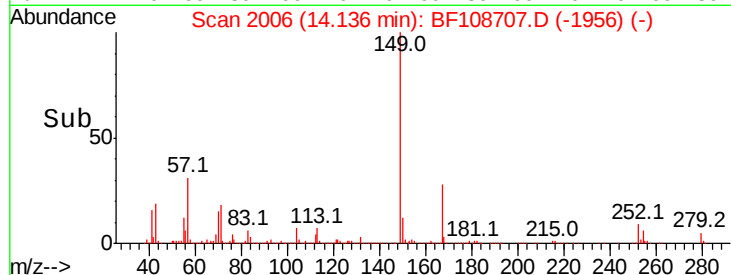
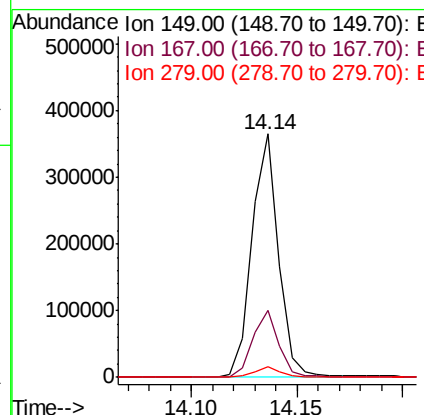
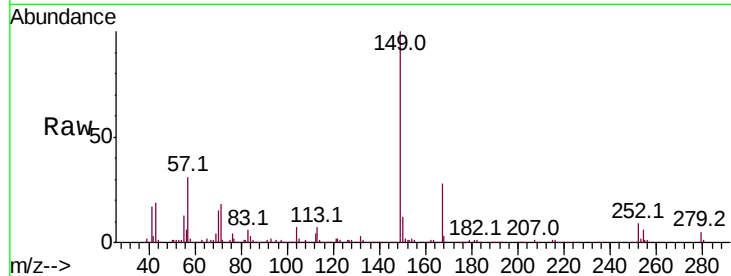
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.940 ng
 RT: 14.14 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF108707.D
 Acq: 31 Aug 2018 23:25

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

Tot Ion	Ratio	Resp	Lower	Upper
149	100	317805		
167	27.6	21.3	31.9	
279	4.6	3.0	4.4#	

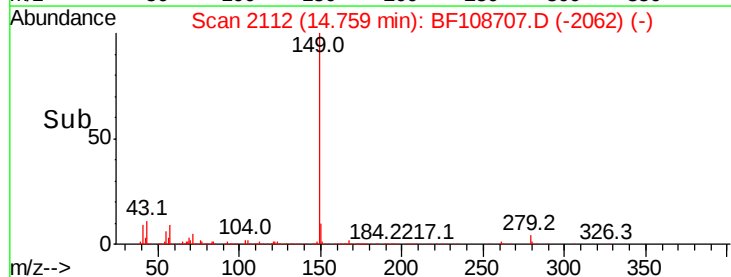
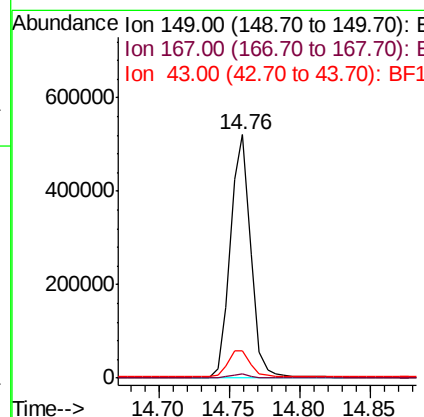
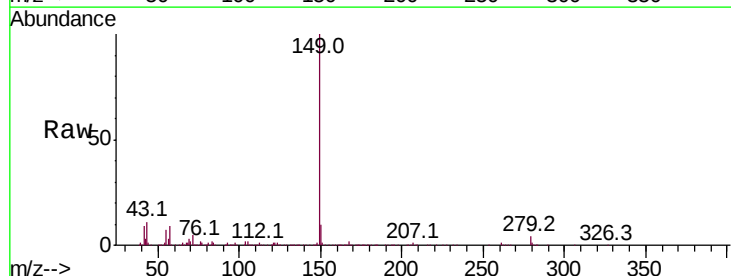
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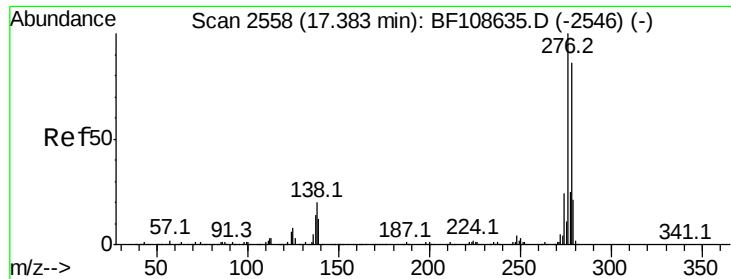
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#84
 Di-n-octyl phthalate
 Concen: 43.367 ng
 RT: 14.76 min Scan# 2112
 Delta R.T. -0.01 min
 Lab File: BF108707.D
 Acq: 31 Aug 2018 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	520389		
167	1.6	1.2	1.8	
43	12.5	8.4	12.6	





#85

Indeno(1,2,3-cd)pyrene

Concen: 35.586 ng

RT: 17.38 min Scan# 2558

Delta R.T. -0.00 min

Lab File: BF108707.D

Acq: 31 Aug 2018 23:25

Instrument :

BNA_F

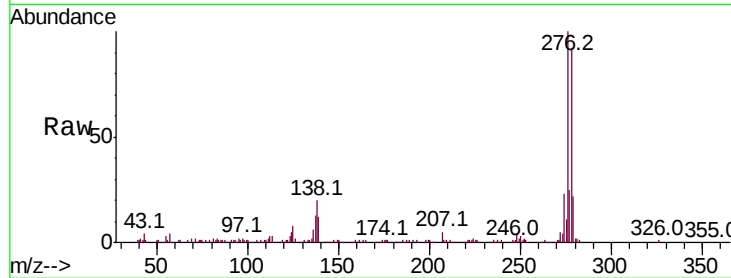
ClientSampleId :

RA-081618-FL-036MSRE

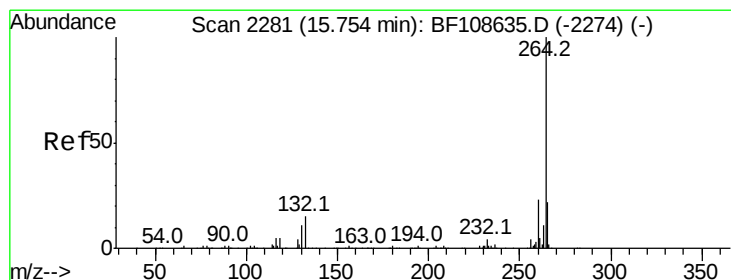
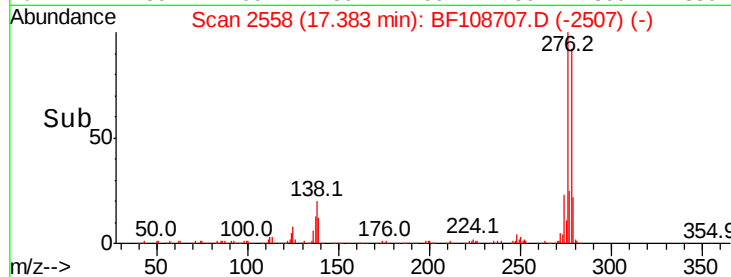
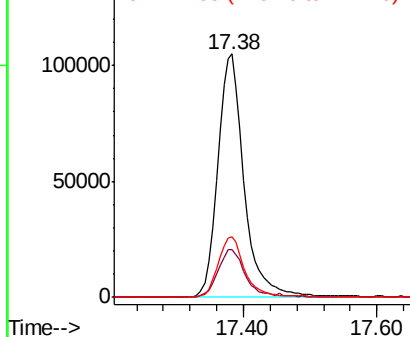
Tot Ion:	276	Resp:	291390
Ion Ratio	Lower	Upper	
276	100		
138	20.1	25.0	37.6#
277	25.2	20.1	30.1

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



#86

Perylene-d12

Concen: 20.000 ng

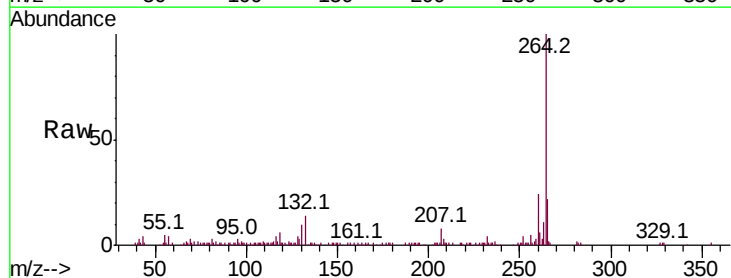
RT: 15.75 min Scan# 2281

Delta R.T. -0.00 min

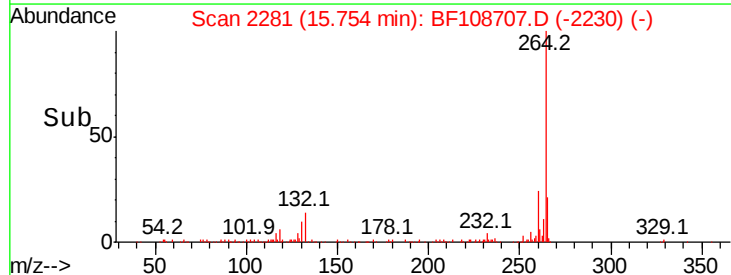
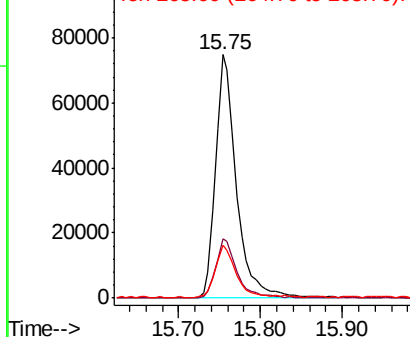
Lab File: BF108707.D

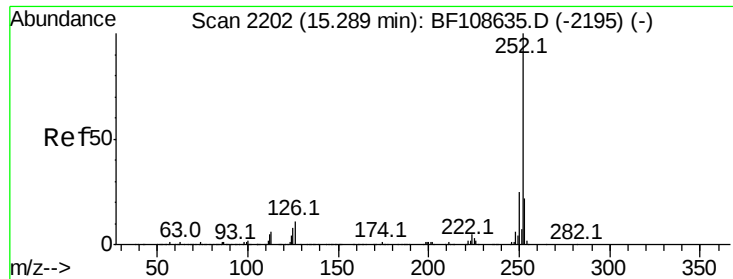
Acq: 31 Aug 2018 23:25

Tgt Ion:	264	Resp:	133548
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.2	28.8
265	22.0	17.5	26.3



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





#87

Benzo(b)fluoranthene

Concen: 37.903 ng

RT: 15.28 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BF108707.D

Acq: 31 Aug 2018 23:25

Instrument :

BNA_F

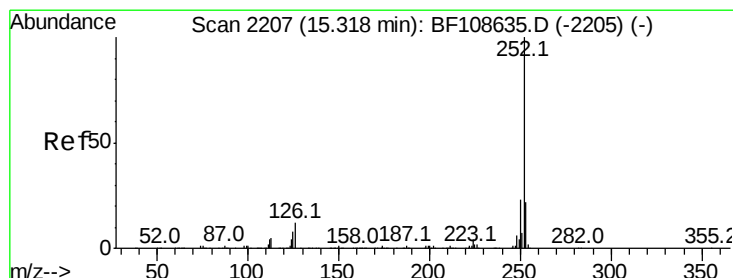
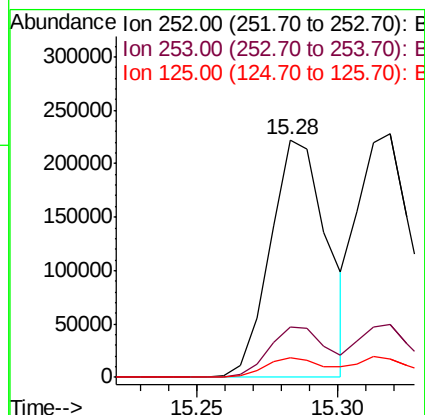
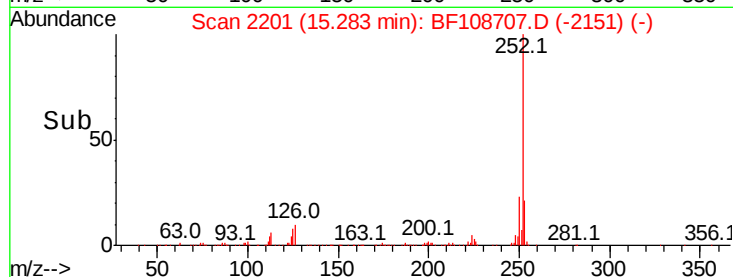
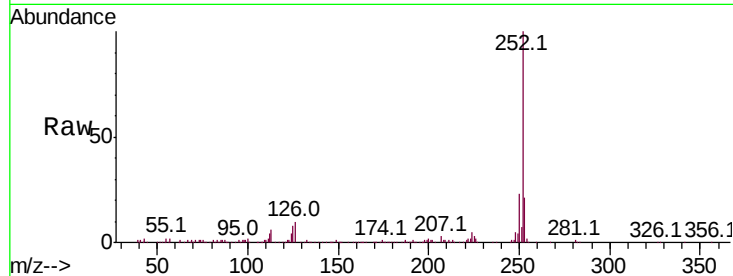
ClientSampleId :

RA-081618-FL-036MSRE

Tot Ion:	252	Resp:	310945
Ion Ratio	Lower	Upper	
252	100		
253	21.3	17.0	25.6
125	8.4	9.0	13.6#

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#88

Benzo(k)fluoranthene

Concen: 42.104 ng

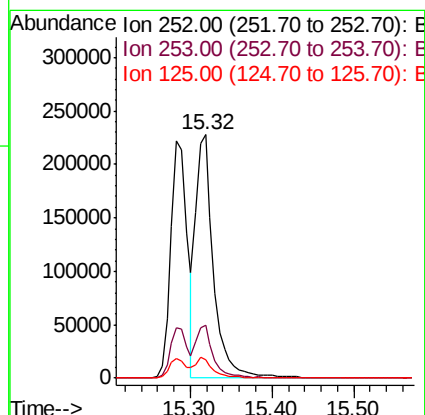
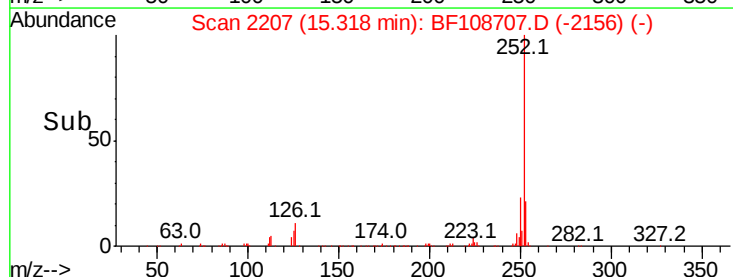
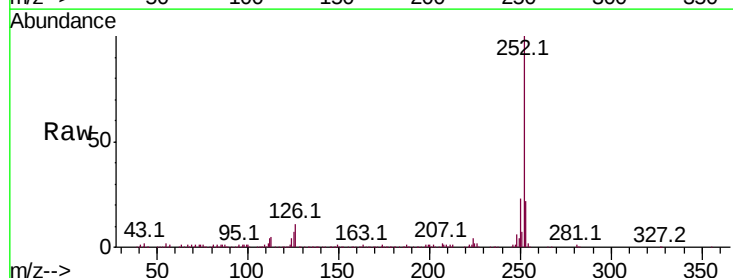
RT: 15.32 min Scan# 2207

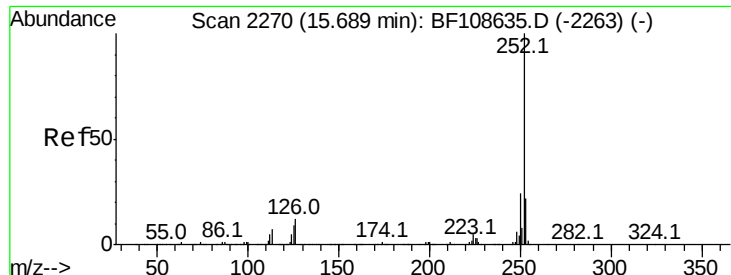
Delta R.T. -0.00 min

Lab File: BF108707.D

Acq: 31 Aug 2018 23:25

Tgt Ion:	252	Resp:	342168
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.9	26.9
125	7.4	10.2	15.2#





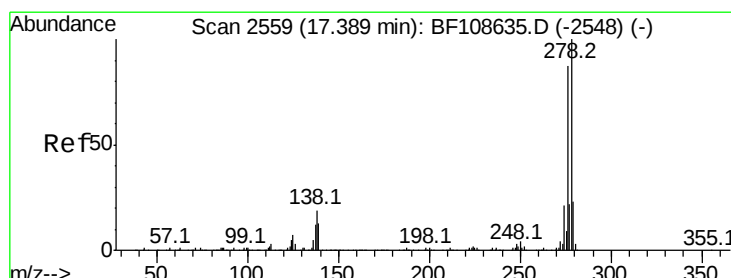
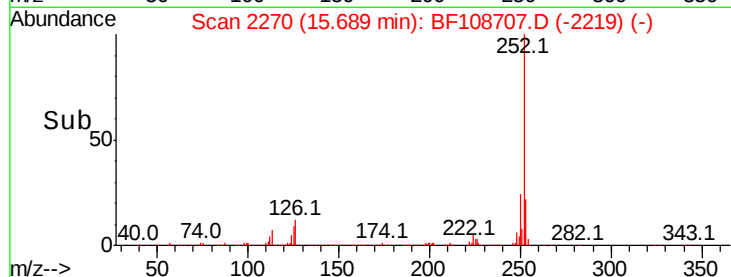
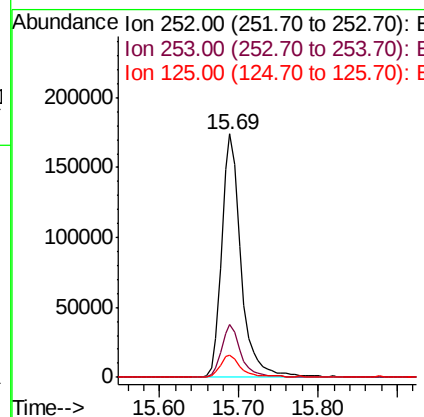
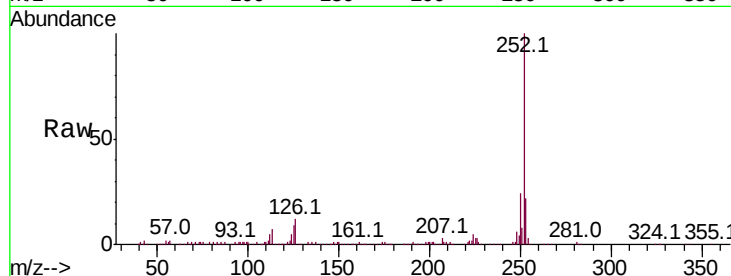
#89
Benzo(a)pyrene
Concen: 39.566 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BF108707.D
Acq: 31 Aug 2018 23:25

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.1	25.7
125	8.9	9.8	14.6

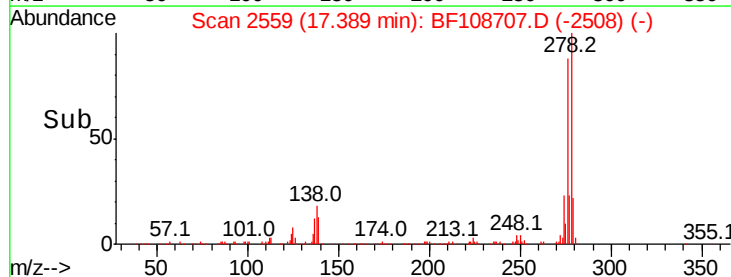
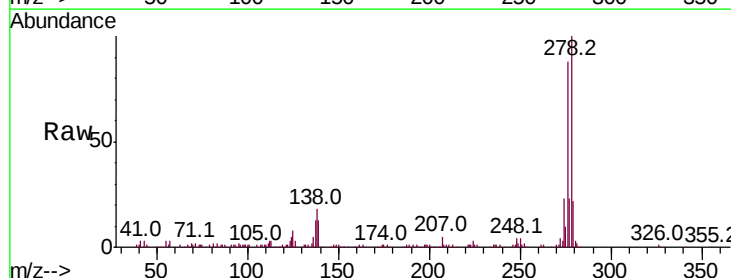
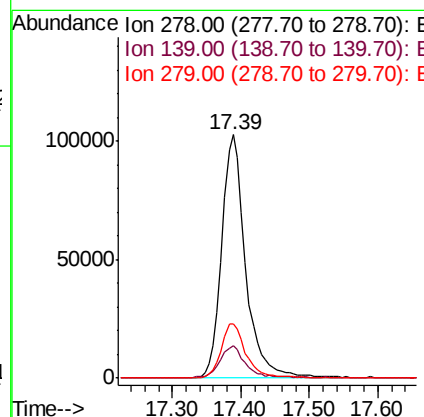
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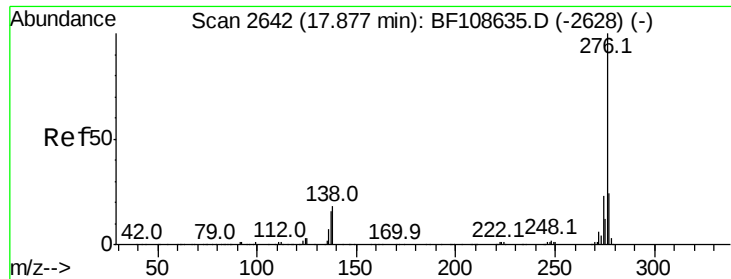
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#90
Dibenzo(a,h)anthracene
Concen: 41.938 ng
RT: 17.39 min Scan# 2559
Delta R.T. -0.00 min
Lab File: BF108707.D
Acq: 31 Aug 2018 23:25

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.5	15.9	23.9
279	22.4	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 42.066 ng
 RT: 17.88 min Scan# 2642
 Delta R.T. -0.00 min
 Lab File: BF108707.D
 Acq: 31 Aug 2018 23:25

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

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.1	17.9	26.9
138	16.6	21.8	32.8

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