

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
 Data File : BF108462.D
 Acq On : 24 Aug 2018 14:42
 Operator : JU/SJ
 Sample : PB112334BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112334BS

Manual Integrations
 APPROVED

Sohil
 8/27/2018 12:56:30 PM

Quant Time: Aug 24 15:49:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	130828	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	535799	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	279133	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	547850	20.00	ng	0.00
75) Chrysene-d12	14.20	240	363713	20.00	ng	0.00
86) Perylene-d12	15.75	264	247666	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	786471	108.84	ng	0.01
7) Phenol-d6	6.63	99	1054718	109.84	ng	0.00
23) Nitrobenzene-d5	7.57	82	688776	71.73	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	330498	118.70	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1390343	79.97	ng	0.00
78) Terphenyl-d14	13.13	244	1424333	99.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.03	88	139276	37.509	ng	89
3) Pyridine	3.77	79	373977	39.099	ng	89
4) n-Nitrosodimethylamine	3.74	42	204672	38.028	ng	# 81
6) Aniline	6.67	93	427306	32.714	ng	96
8) 2-Chlorophenol	6.79	128	355501	43.680	ng	95
9) Benzaldehyde	6.55	77	228265	30.660	ng	95
10) Phenol	6.64	94	452944	45.600	ng	90
11) bis(2-Chloroethyl)ether	6.74	93	344445	42.893	ng	95
12) 1,3-Dichlorobenzene	6.94	146	402771	42.800	ng	99
13) 1,4-Dichlorobenzene	7.02	146	405067	42.842	ng	98
14) 1,2-Dichlorobenzene	7.17	146	377904	42.970	ng	98
15) Benzyl Alcohol	7.14	79	318798	39.436	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.27	45	649756	39.277	ng	98
17) 2-Methylphenol	7.25	107	319525	45.781	ng	# 93
18) Hexachloroethane	7.51	117	147416	43.794	ng	92
19) n-Nitroso-di-n-propylamine	7.41	70	269543	41.509	ng	90
20) 3+4-Methylphenols	7.40	107	380344	42.525	ng	# 73
22) Acetophenone	7.41	105	513945	41.023	ng	# 91
24) Nitrobenzene	7.58	77	401206	41.321	ng	94
25) Isophorone	7.82	82	744696	40.690	ng	97
26) 2-Nitrophenol	7.90	139	182976	49.901	ng	94
27) 2,4-Dimethylphenol	7.93	122	344291	42.386	ng	97
28) bis(2-Chloroethoxy)methane	8.02	93	444960	41.647	ng	99
29) 2,4-Dichlorophenol	8.14	162	327691	43.838	ng	97
30) 1,2,4-Trichlorobenzene	8.22	180	346028	41.986	ng	96
31) Naphthalene	8.31	128	1048430	43.027	ng	99
32) Benzoic acid	8.05	122	152066	34.220	ng	90
33) 4-Chloroaniline	8.35	127	238063	22.419	ng	99
34) Hexachlorobutadiene	8.41	225	224633	43.055	ng	99
35) Caprolactam	8.73	113	92863m	39.642	ng	
36) 4-Chloro-3-methylphenol	8.84	107	347516	43.095	ng	99
37) 2-Methylnaphthalene	9.00	142	735370	42.655	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	371520	43.342	ng	98
40) Hexachlorocyclopentadiene	9.15	237	363884	65.723	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	239935	45.107	nq	97
43) 2,4,5-Trichlorophenol	9.32	196	260355	44.463	nq	96
45) 1,1'-Biphenyl	9.47	154	902255	43.840	nq	98
46) 2-Chloronaphthalene	9.50	162	694022	42.667	nq	97
47) 2-Nitroaniline	9.59	65	230204	43.739	nq	88
48) Acenaphthylene	9.91	152	1113293	43.293	nq	99
49) Dimethylphthalate	9.76	163	827654	42.566	nq	99
50) 2,6-Dinitrotoluene	9.83	165	179975	44.241	nq	97
51) Acenaphthene	10.08	154	647653	41.119	nq	98
52) 3-Nitroaniline	10.00	138	133965	30.098	nq	96
53) 2,4-Dinitrophenol	10.11	184	111545	73.858	nq #	23
54) Dibenzofuran	10.25	168	969822	42.500	nq	95
55) 4-Nitrophenol	10.17	139	250455	74.308	nq	86
56) 2,4-Dinitrotoluene	10.24	165	242789	46.366	nq #	94
57) Fluorene	10.60	166	775771	42.946	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.37	232	216576	44.251	nq #	89
59) Diethylphthalate	10.46	149	808505	42.941	nq	97
60) 4-Chlorophenyl-phenylether	10.58	204	403001	42.815	nq	95
61) 4-Nitroaniline	10.62	138	184298	41.881	nq	93
62) Azobenzene	10.75	77	803241	41.310	nq	93
64) 4,6-Dinitro-2-methylphenol	10.65	198	85384	42.237	nq	88
65) n-Nitrosodiphenylamine	10.71	169	690086	42.626	nq	96
66) 4-Bromophenyl-phenylether	11.08	248	260190	43.702	nq	90
67) Hexachlorobenzene	11.15	284	271601	43.358	nq #	89
68) Atrazine	11.23	200	239773	44.157	nq	97
69) Pentachlorophenol	11.35	266	246629	82.256	nq	99
70) Phenanthrene	11.57	178	1105811	42.794	nq	99
71) Anthracene	11.62	178	1142122	43.125	nq	99
72) Carbazole	11.78	167	969610	41.206	nq	99
73) Di-n-butylphthalate	12.09	149	1228321	46.086	nq	99
74) Fluoranthene	12.77	202	1159189	41.104	nq	95
76) Benzidine	12.88	184	597534	43.971	nq	99
77) Pyrene	13.00	202	1157493	50.267	nq	100
79) Butylbenzylphthalate	13.60	149	485562	53.104	nq	97
80) Benzo(a)anthracene	14.19	228	909875	43.590	nq	100
81) 3,3'-Dichlorobenzidine	14.14	252	153663	20.542	nq #	98
82) Chrysene	14.22	228	829810	43.362	nq	99
83) Bis(2-ethylhexyl)phthalate	14.15	149	656363	53.009	nq #	99
84) Di-n-octyl phthalate	14.77	149	960123	50.844	nq	97
85) Indeno(1,2,3-cd)pyrene	17.37	276	674372	40.671	nq #	90
87) Benzo(b)fluoranthene	15.28	252	668869	45.197	nq #	97
88) Benzo(k)fluoranthene	15.32	252	566877	41.670	nq #	95
89) Benzo(a)pyrene	15.68	252	584768	44.126	nq #	97
90) Dibenzo(a,h)anthracene	17.38	278	567373	51.745	nq #	92
91) Benzo(g,h,i)perylene	17.87	276	567964	52.604	nq #	89

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

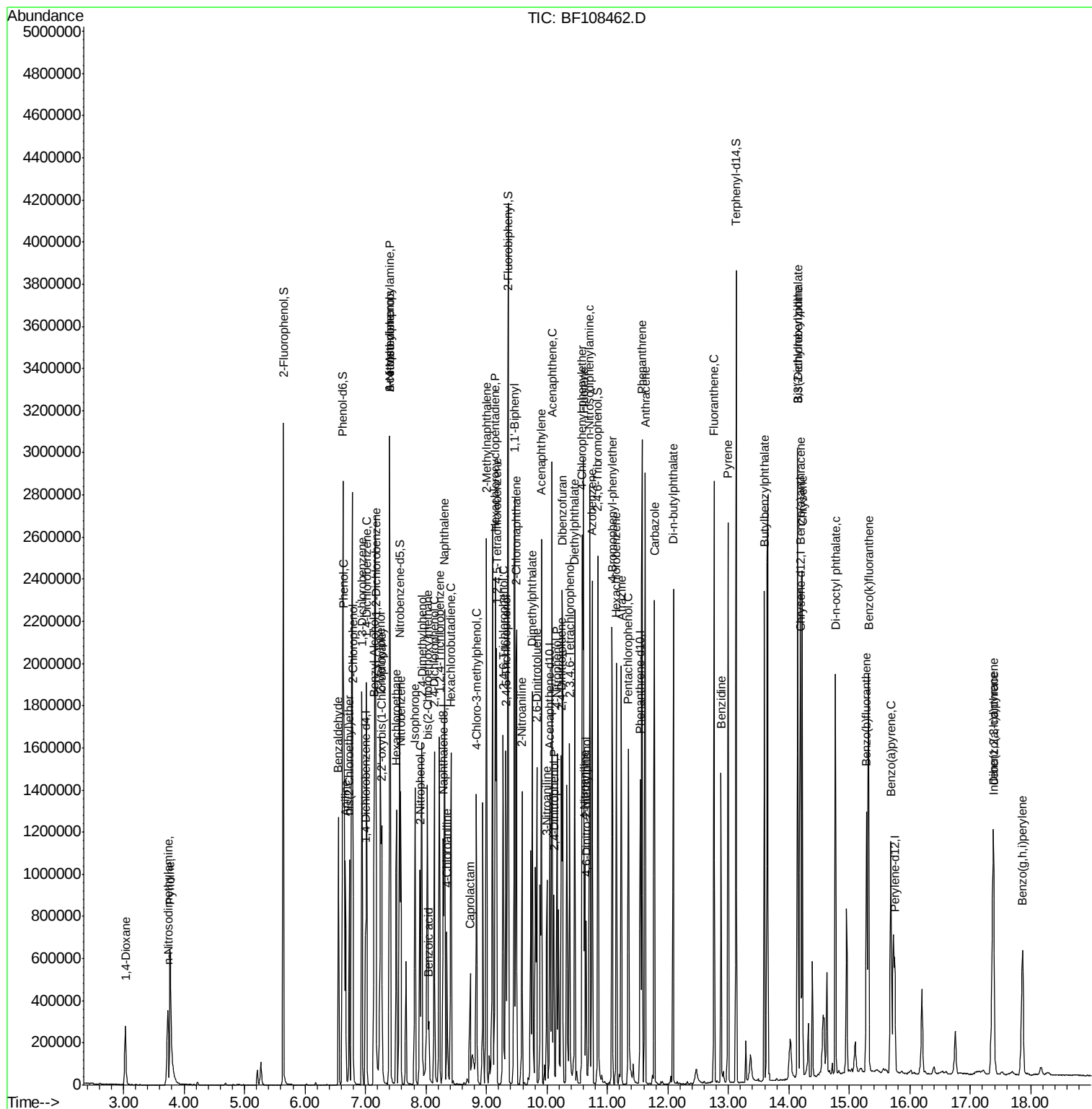
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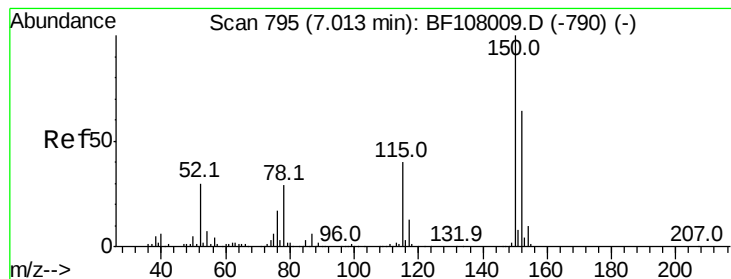
Instrument :
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ClientSampleId :
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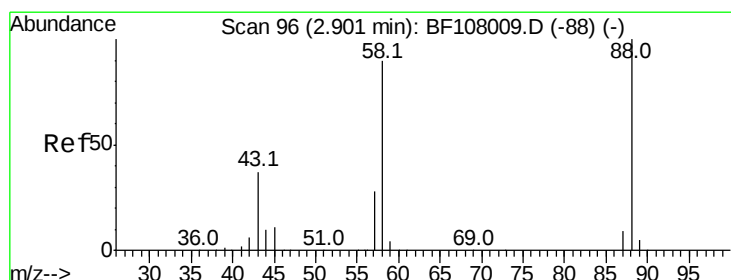
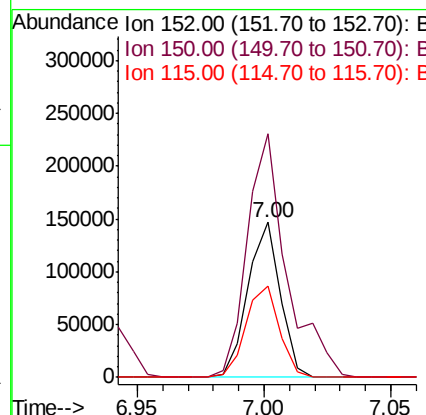
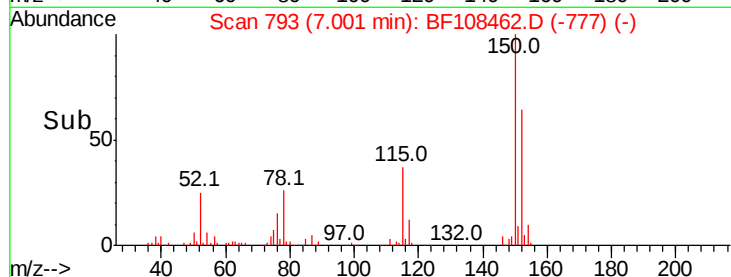
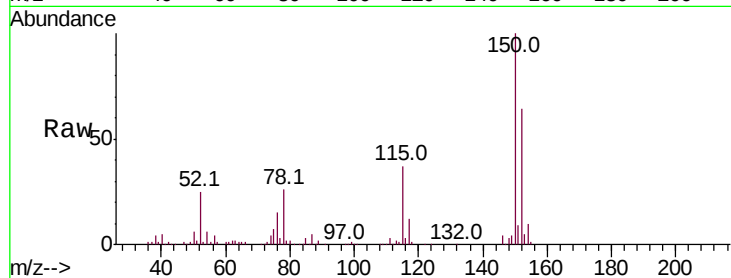
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.00 min Scan# 793
 Delta R.T. -0.01 min
 Lab File: BF108462.D
 Acq: 24 Aug 2018 14:42

Instrument :
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 ClientSampleId :
 PB112334BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.6	186.8
115	58.8	50.1	75.1

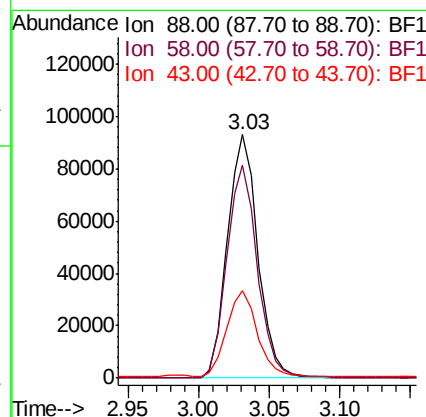
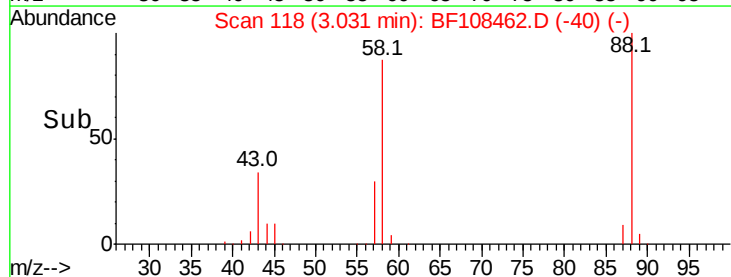
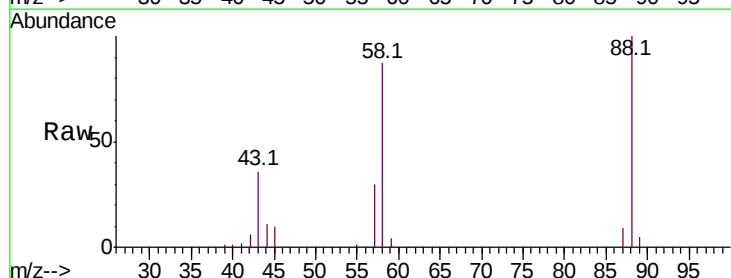
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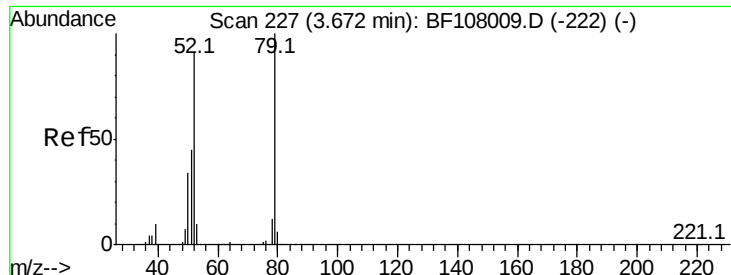
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#2
 1,4-Dioxane
 Concen: 37.509 ng
 RT: 3.03 min Scan# 118
 Delta R.T. 0.16 min
 Lab File: BF108462.D
 Acq: 24 Aug 2018 14:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.3	62.6	93.8
43	35.3	24.6	37.0





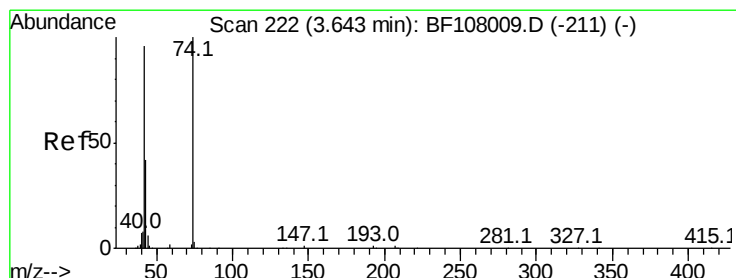
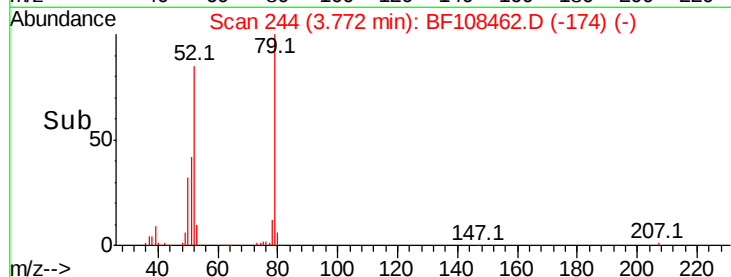
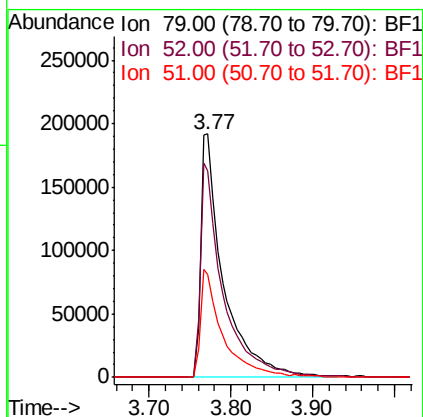
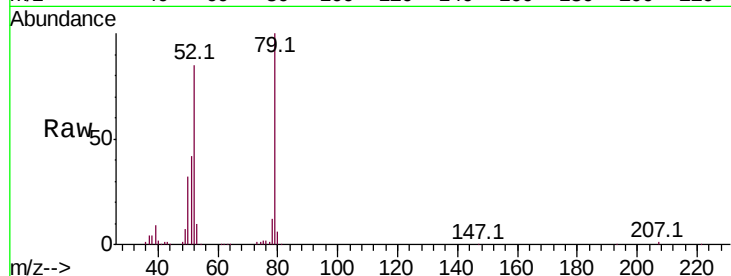
#3
 Pvridine
 Concen: 39.099 ng
 RT: 3.77 min Scan# 244
 Delta R.T. 0.11 min
 Lab File: BF108462.D
 Acq: 24 Aug 2018 14:42

Instrument :
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 ClientSampleId :
 PB112334BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	84.8	59.8	89.6
51	42.3	29.8	44.8

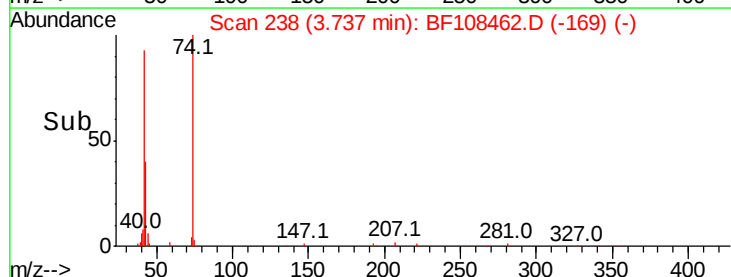
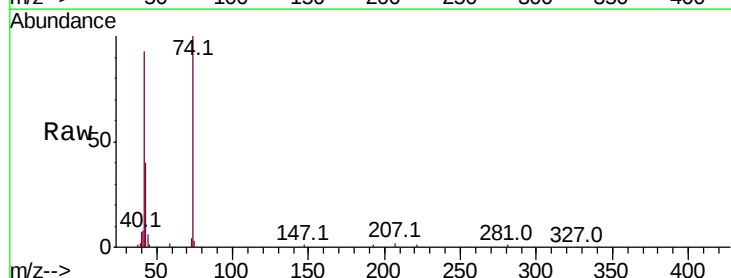
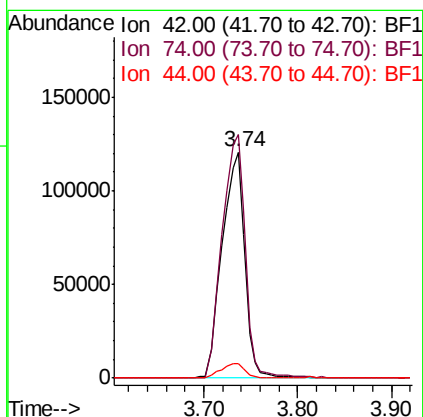
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#4
 n-Nitrosodimethylamine
 Concen: 38.028 ng
 RT: 3.74 min Scan# 238
 Delta R.T. 0.11 min
 Lab File: BF108462.D
 Acq: 24 Aug 2018 14:42

Tgt Ion	Ratio	Lower	Upper
42	100		
74	107.7	104.9	157.3
44	6.5	6.9	10.3#





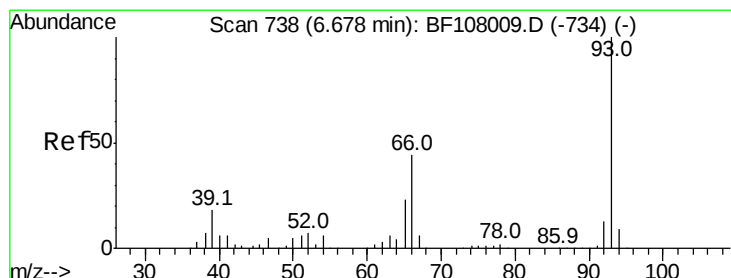
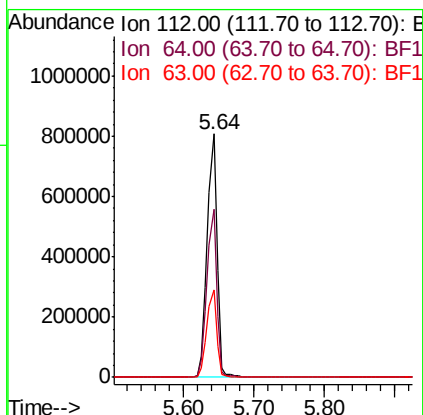
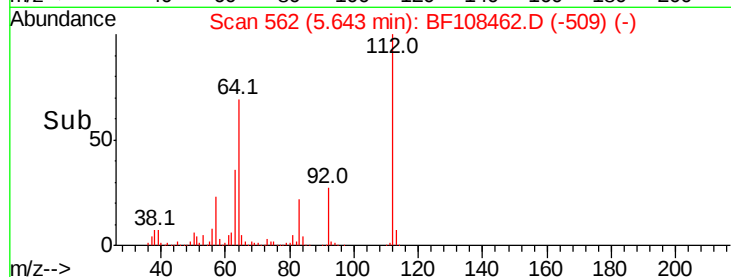
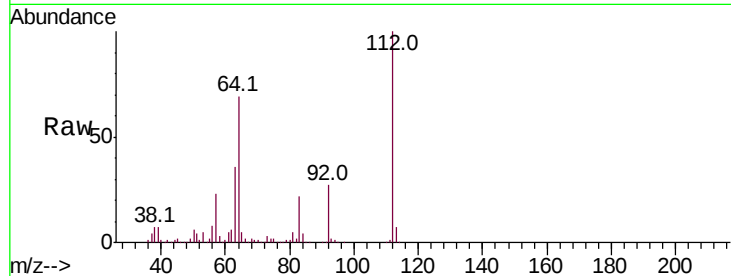
#5
2-Fluorophenol
Concen: 108.835 ng
RT: 5.64 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Instrument :
BNA_F
ClientSampleId :
PB112334BS

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	68.9	47.9	71.9
63	36.2	23.7	35.5

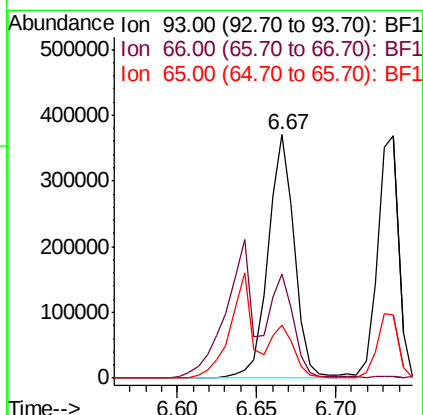
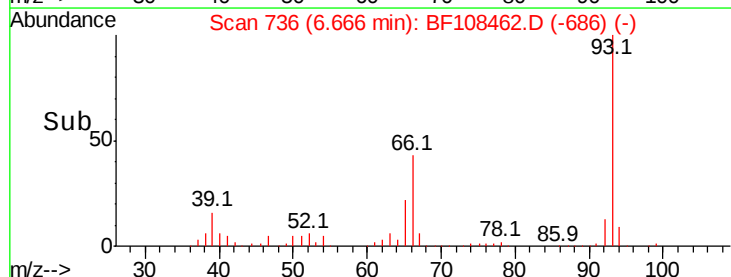
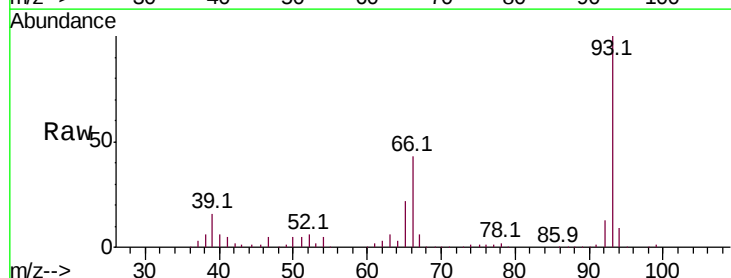
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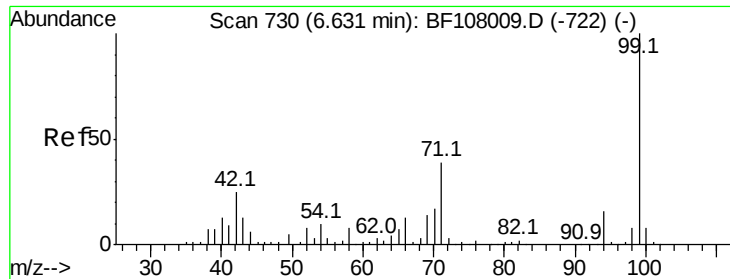
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#6
Aniline
Concen: 32.714 ng
RT: 6.67 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	42.7	32.2	48.2
65	21.8	16.4	24.6





#7

Phenol-d6

Concen: 109.835 ng

RT: 6.63 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF108462.D

Acq: 24 Aug 2018 14:42

Instrument :

BNA_F

ClientSampleId :

PB112334BS

Tot Ion: 99 Resp: 1054718

Ion Ratio Lower Upper

99 100

42 22.3 14.5 21.7#

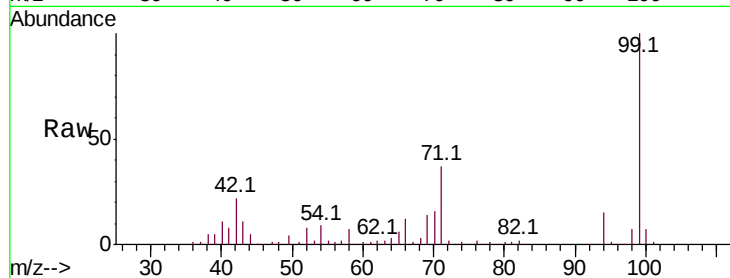
71 36.6 25.4 38.0

Manual Integrations

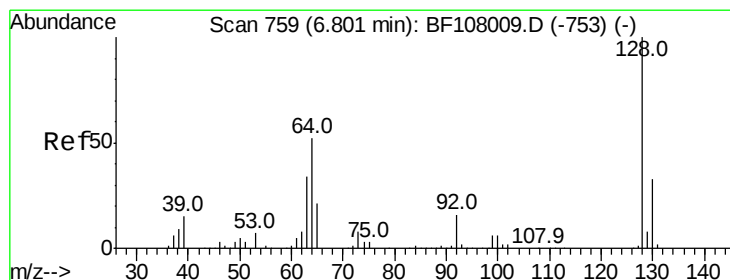
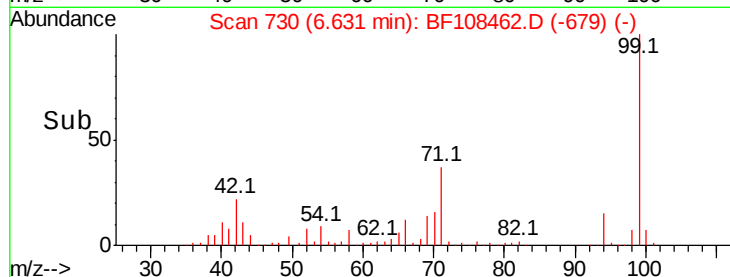
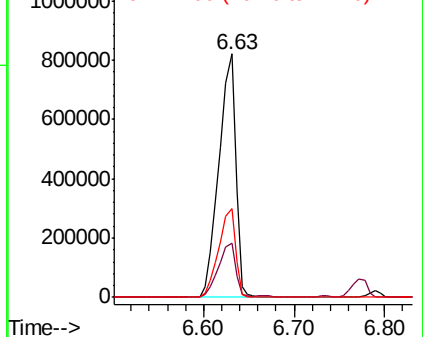
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.680 ng

RT: 6.79 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF108462.D

Acq: 24 Aug 2018 14:42

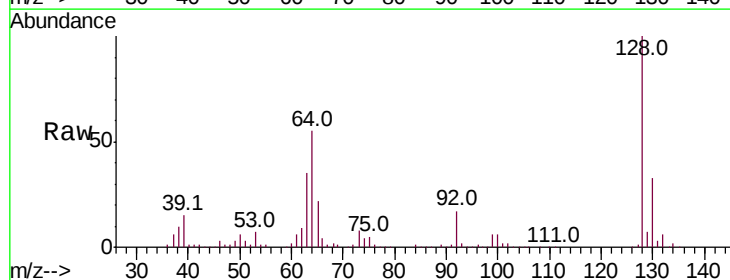
Tgt Ion:128 Resp: 355501

Ion Ratio Lower Upper

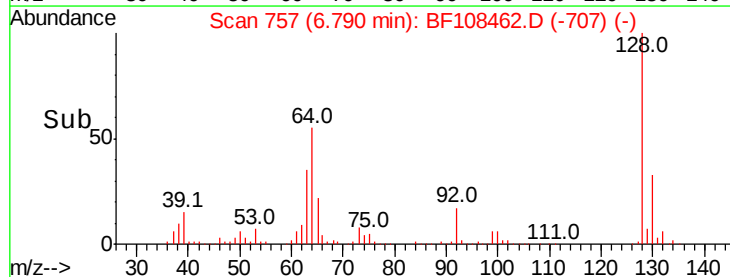
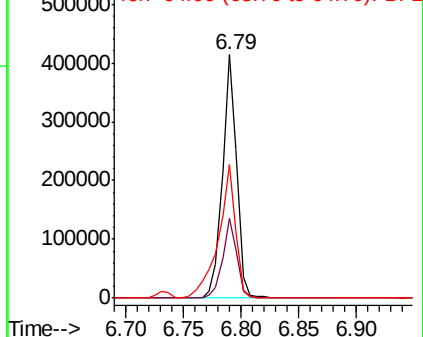
128 100

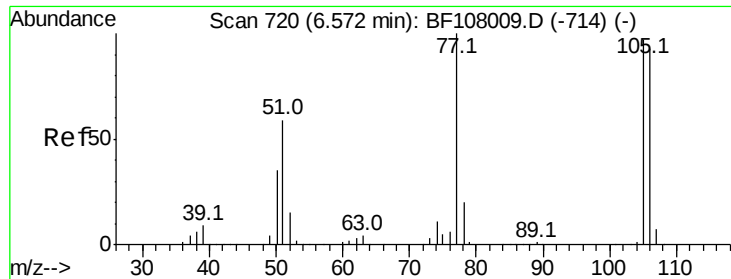
130 32.8 13.0 53.0

64 54.7 29.4 69.4



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





#9

Benzaldehyde

Concen: 30.660 ng

RT: 6.55 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF108462.D

Acq: 24 Aug 2018 14:42

Instrument :

BNA_F

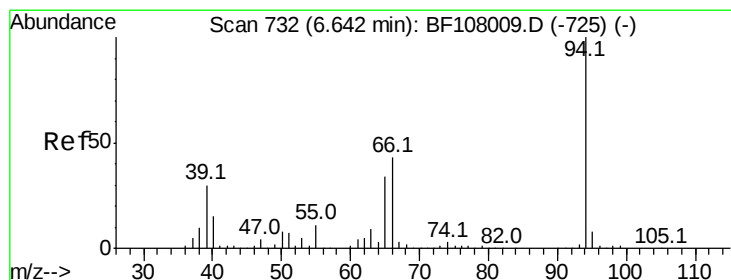
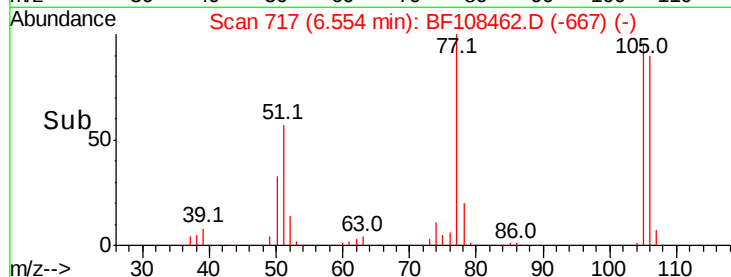
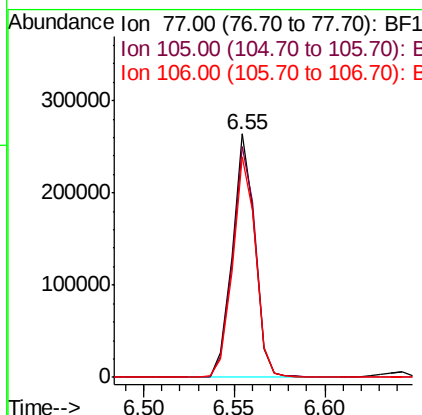
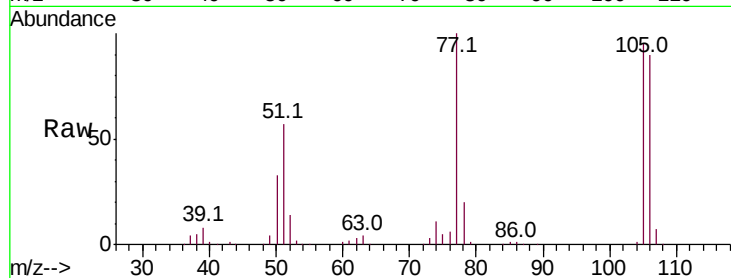
ClientSampleId :

PB112334BS

Tot Ion:	77	Resp:	228265
Ion Ratio	Lower	Upper	
77	100		
105	95.1	81.1	121.1
106	90.4	74.5	114.5

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#10

Phenol

Concen: 45.600 ng

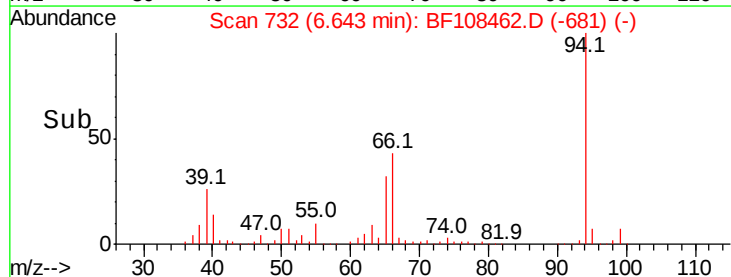
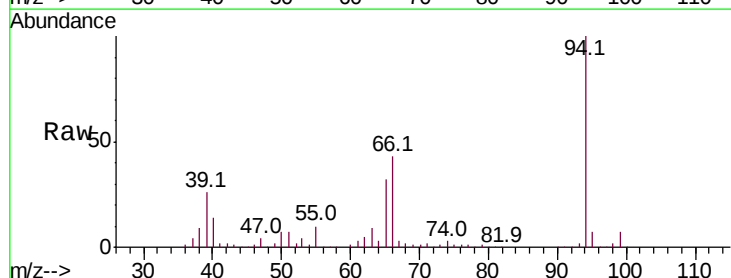
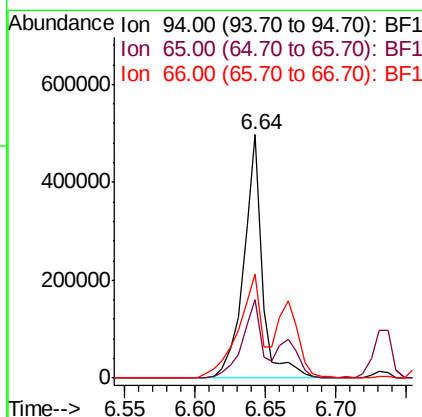
RT: 6.64 min Scan# 732

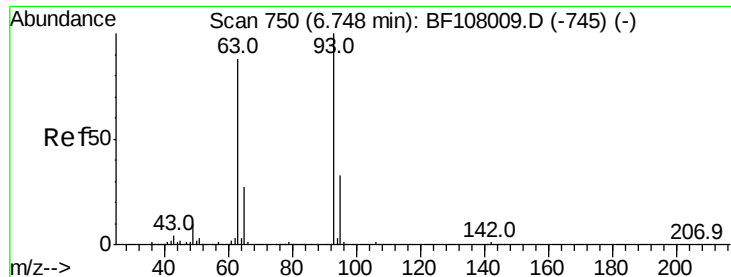
Delta R.T. -0.00 min

Lab File: BF108462.D

Acq: 24 Aug 2018 14:42

Tgt Ion:	94	Resp:	452944
Ion Ratio	Lower	Upper	
94	100		
65	32.2	7.9	47.9
66	42.5	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 42.893 ng

RT: 6.74 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF108462.D

Acq: 24 Aug 2018 14:42

Instrument :

BNA_F

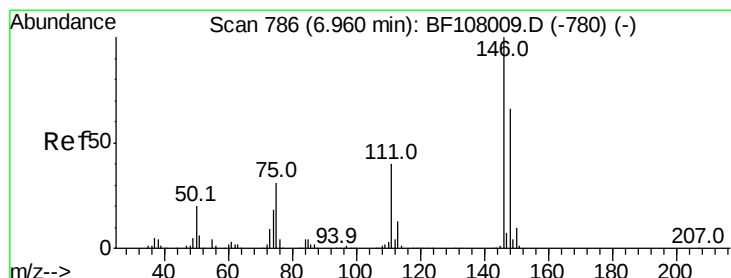
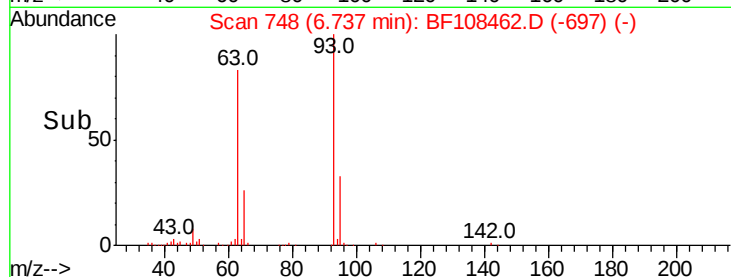
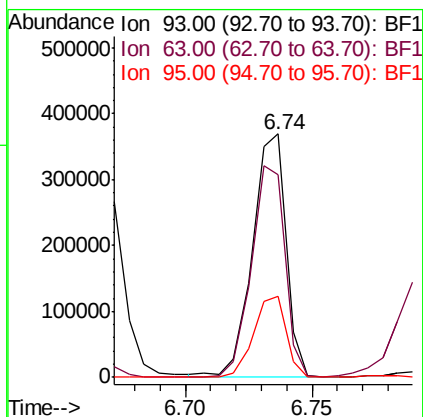
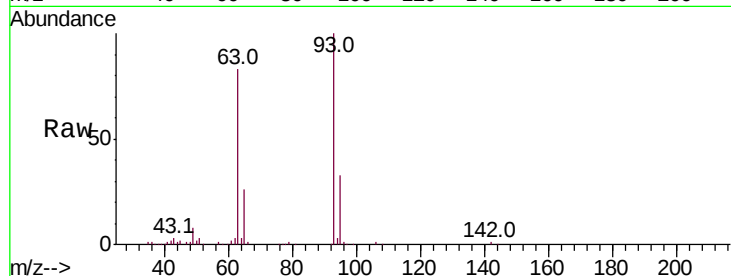
ClientSampled :

PB112334BS

Tot Ion:	93	Resp:	344445
Ion Ratio	Lower	Upper	
93	100		
63	83.3	58.6	98.6
95	33.4	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 42.800 ng

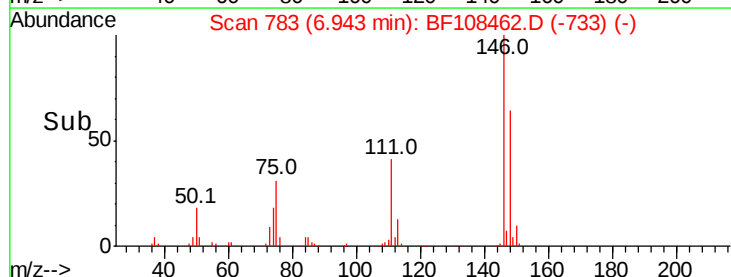
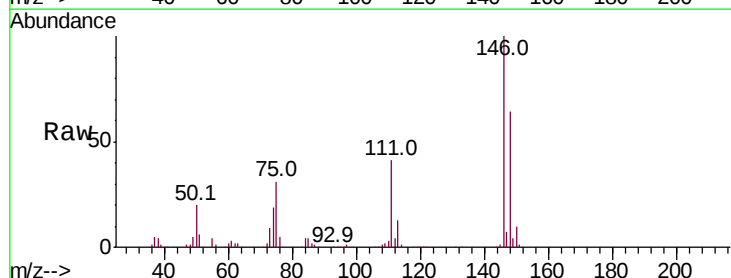
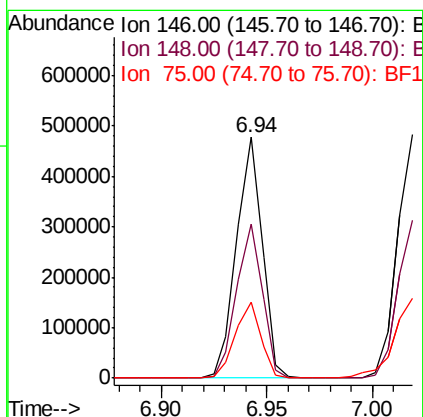
RT: 6.94 min Scan# 783

Delta R.T. -0.01 min

Lab File: BF108462.D

Acq: 24 Aug 2018 14:42

Tgt Ion:	146	Resp:	402771
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.8	77.8
75	31.3	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 42.842 ng

RT: 7.02 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF108462.D

Acq: 24 Aug 2018 14:42

Instrument :

BNA_F

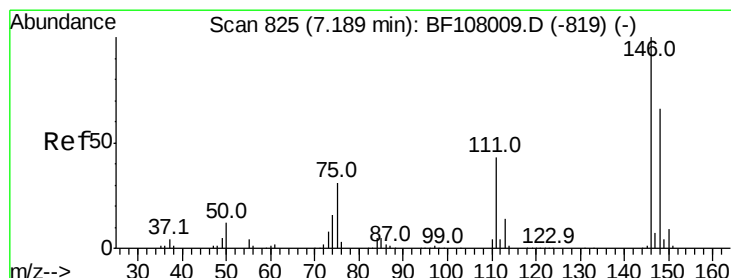
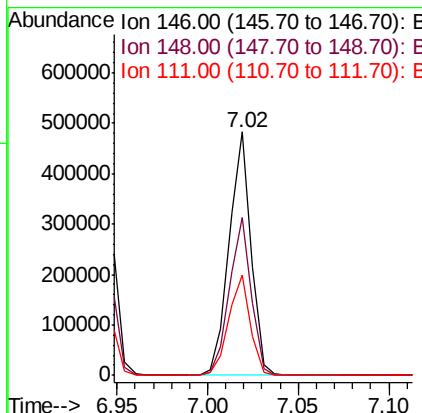
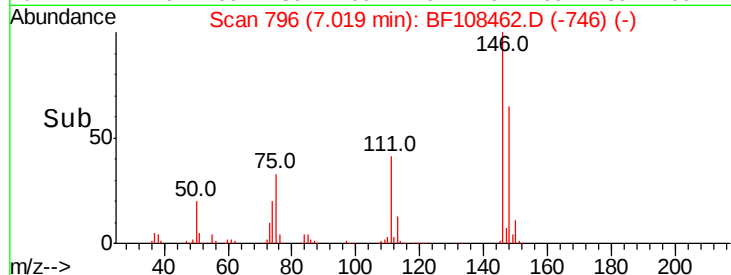
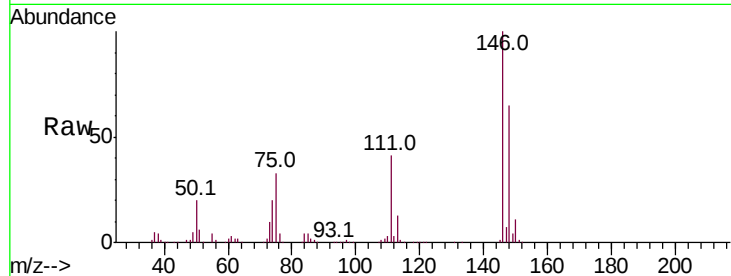
ClientSampleId :

PB112334BS

Tot Ion:	146	Resp:	405067
Ion Ratio	Lower	Upper	
146	100		
148	64.6	50.8	76.2
111	41.1	34.2	51.2

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 42.970 ng

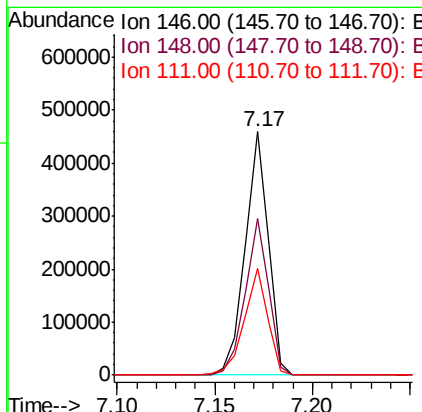
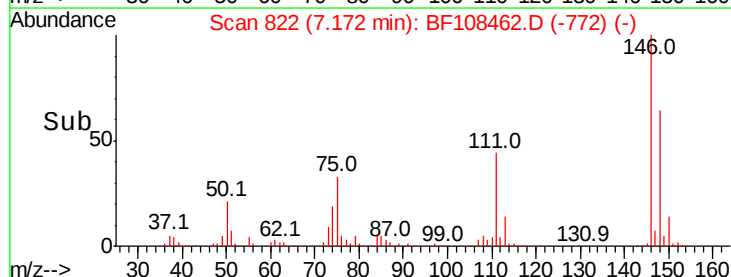
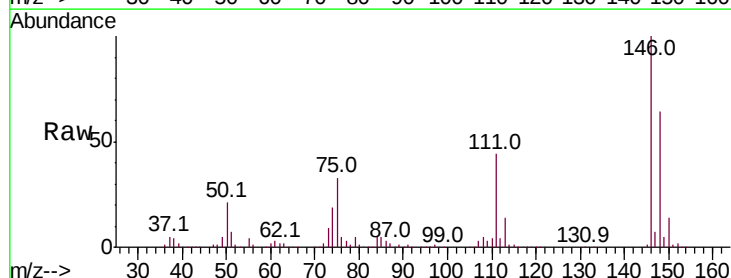
RT: 7.17 min Scan# 822

Delta R.T. -0.01 min

Lab File: BF108462.D

Acq: 24 Aug 2018 14:42

Tgt Ion:	146	Resp:	377904
Ion Ratio	Lower	Upper	
146	100		
148	64.5	50.6	75.8
111	43.6	36.0	54.0





#15

Benzyl Alcohol

Concen: 39.436 ng

RT: 7.14 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF108462.D

Acq: 24 Aug 2018 14:42

Instrument :

BNA_F

ClientSampleId :

PB112334BS

Tot Ion: 79 Resp: 318798

Ion Ratio Lower Upper

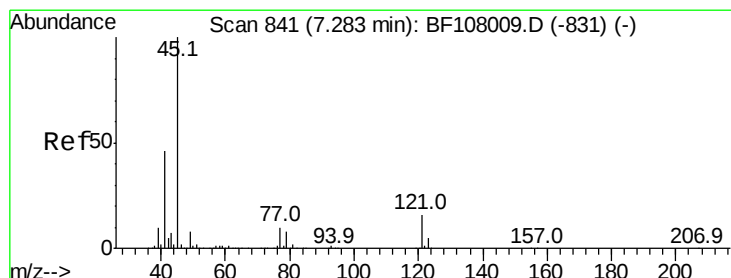
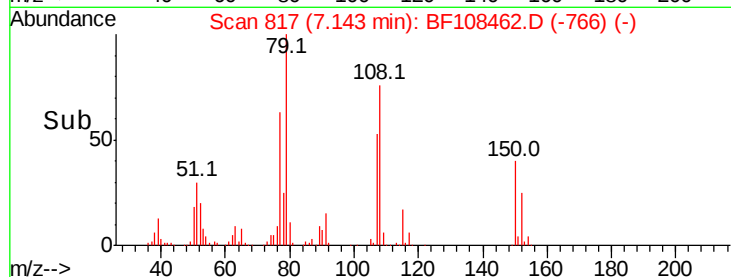
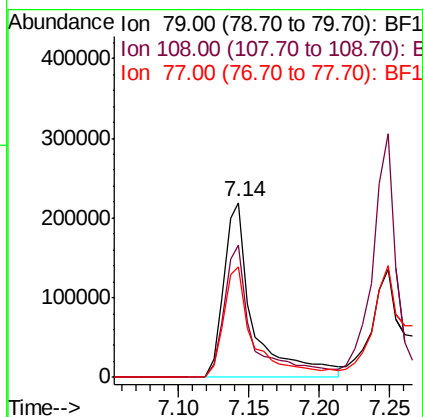
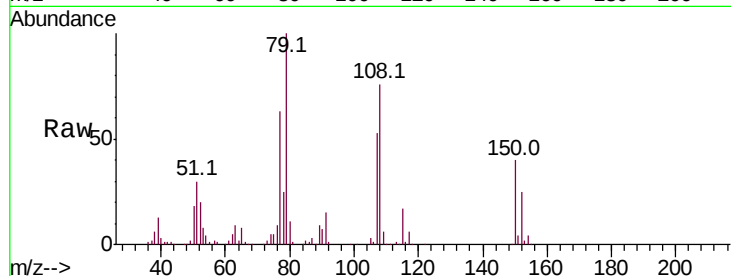
79 100

108 75.6 65.1 97.7

77 62.9 50.6 75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.277 ng

RT: 7.27 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF108462.D

Acq: 24 Aug 2018 14:42

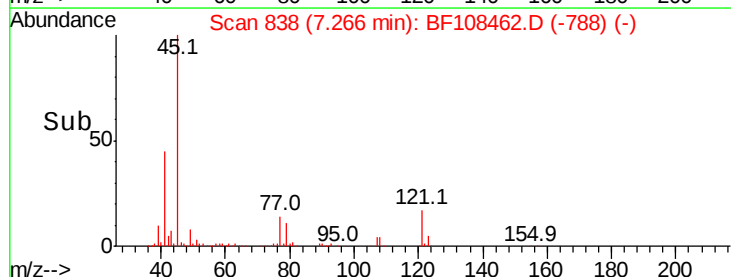
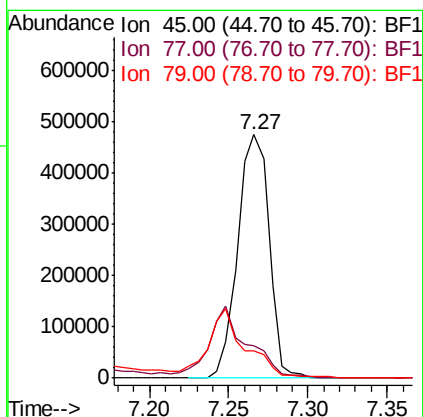
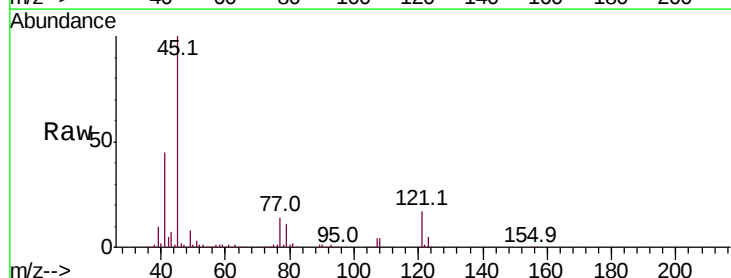
Tgt Ion: 45 Resp: 649756

Ion Ratio Lower Upper

45 100

77 13.5 0.0 32.9

79 11.0 0.0 29.6





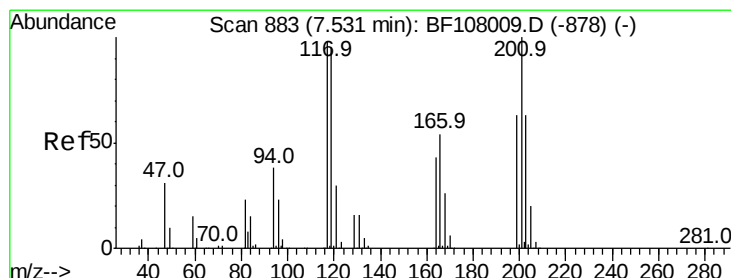
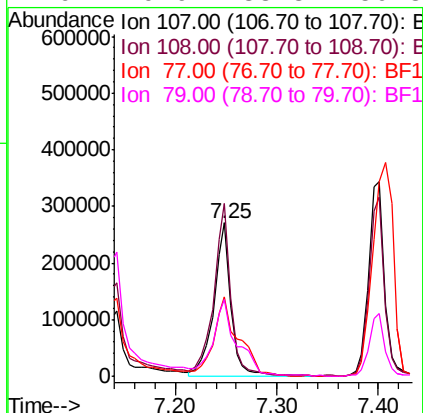
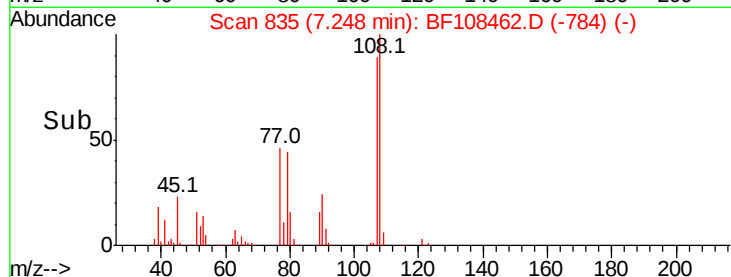
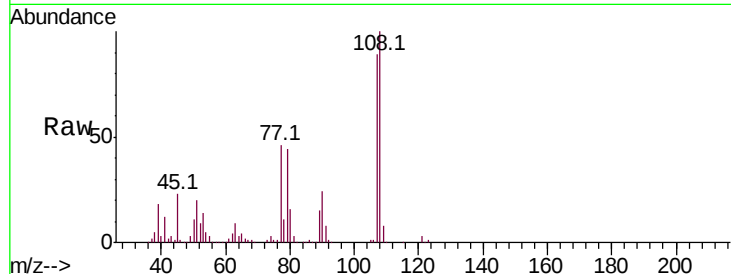
#17
2-Methylphenol
Concen: 45.781 ng
RT: 7.25 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Instrument :
BNA_F
ClientSampleId :
PB112334BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.7	91.7	137.5	
77	51.5	33.8	50.8	
79	49.9	33.8	50.8	

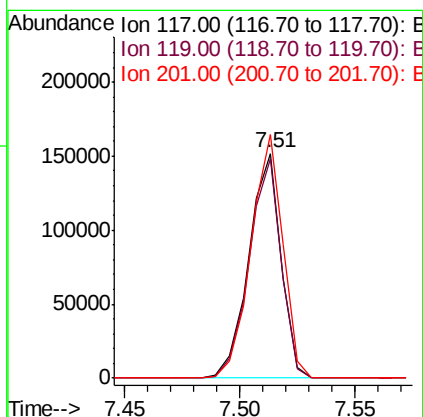
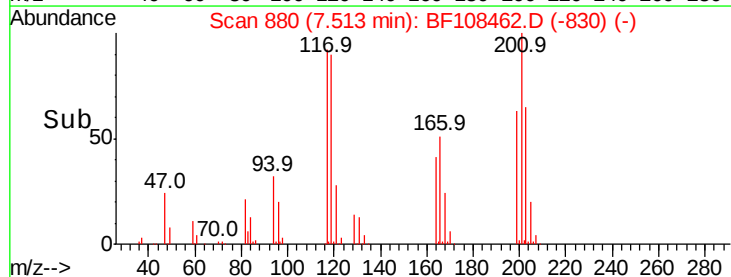
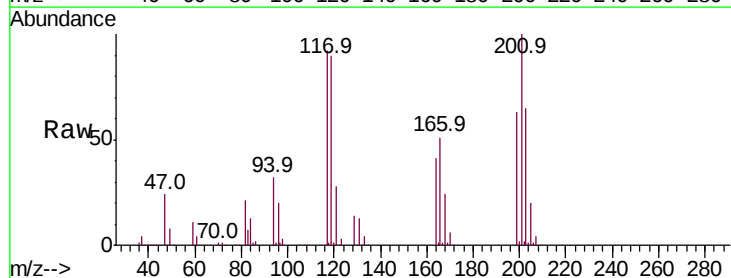
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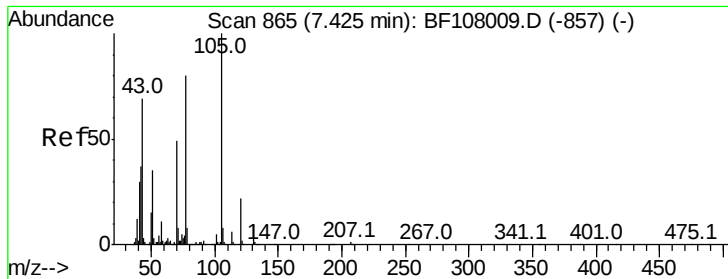
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#18
Hexachloroethane
Concen: 43.794 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.3	75.8	113.8	
201	108.2	75.7	113.5	





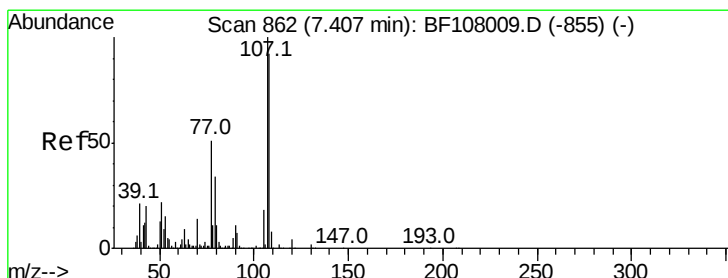
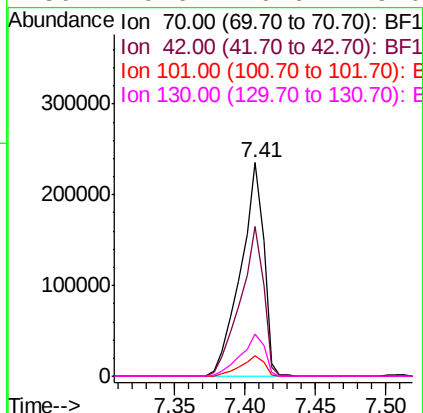
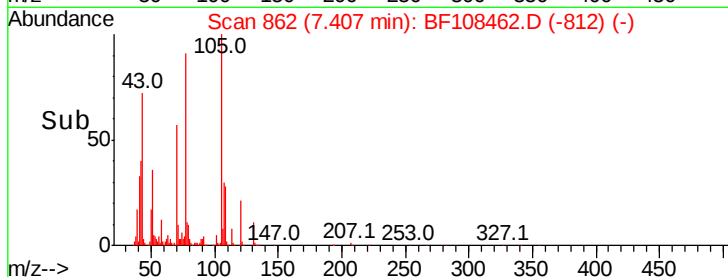
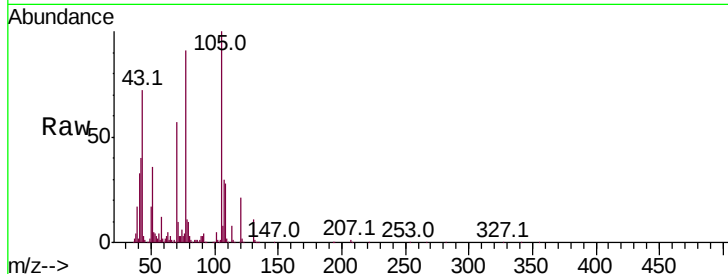
#19
n-Nitroso-di-n-propylamine
Concen: 41.509 ng
RT: 7.41 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Instrument :
BNA_F
ClientSampleId :
PB112334BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	70.4	47.5	71.3
101	9.3	7.4	11.2
130	19.6	16.6	25.0

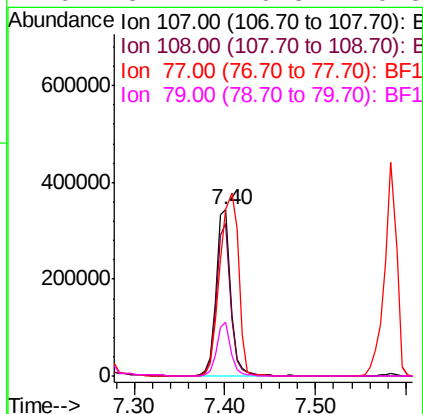
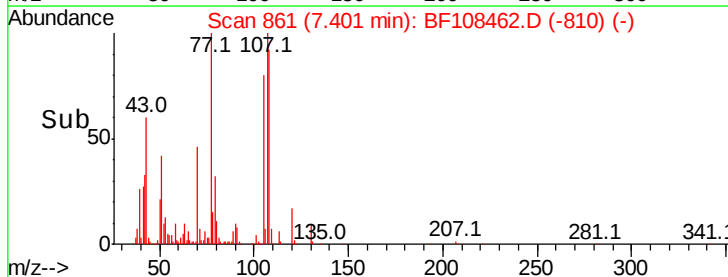
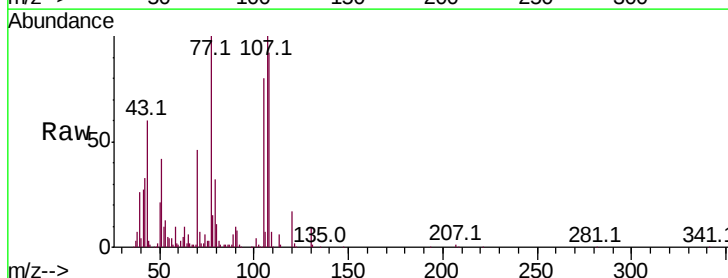
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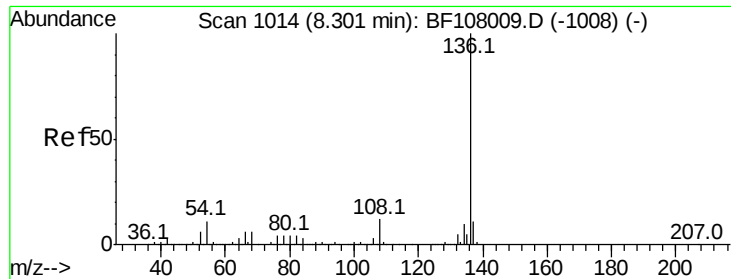
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#20
3+4-Methylphenols
Concen: 42.525 ng
RT: 7.40 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.8	68.2	108.2
77	99.9	26.7	66.7#
79	32.2	6.3	46.3





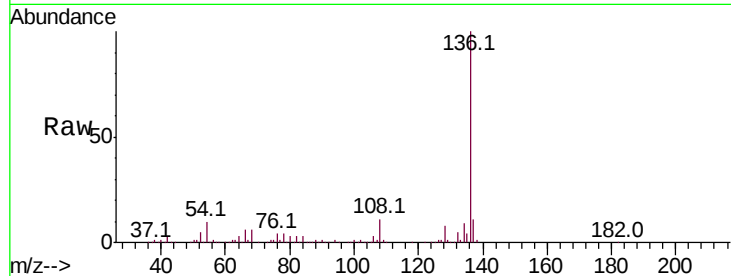
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Instrument :
BNA_F
ClientSampleId :
PB112334BS

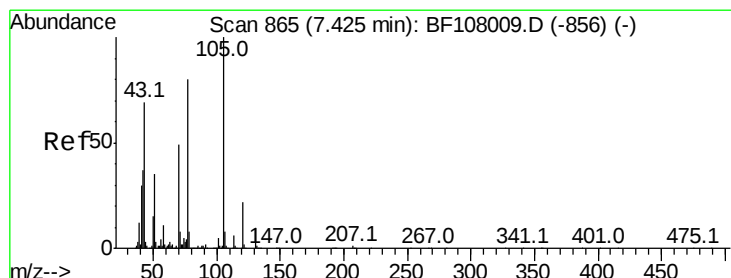
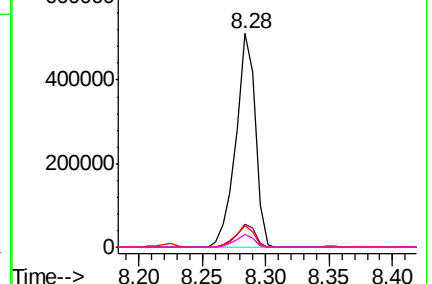
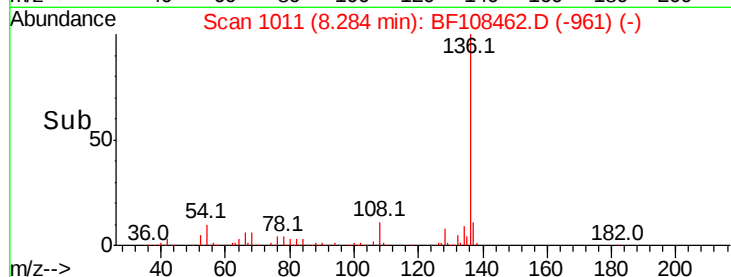
Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.0	8.9	13.3
54	10.1	6.6	9.8#
68	6.0	5.0	7.4

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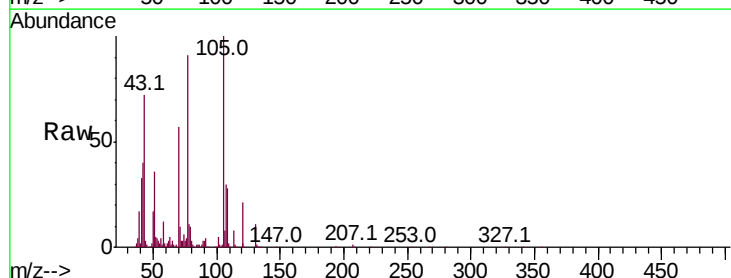


Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

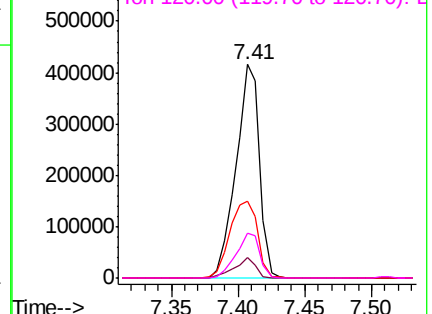
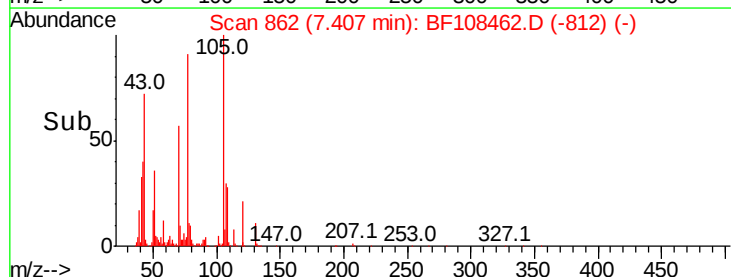


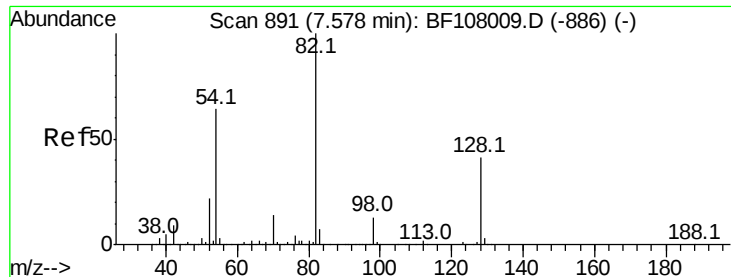
#22
Acetophenone
Concen: 41.023 ng
RT: 7.41 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	9.5	4.4	6.6#
51	35.9	22.3	33.5#
120	21.1	16.9	25.3



Abundance Ion 105.00 (104.70 to 105.70): E
600000
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





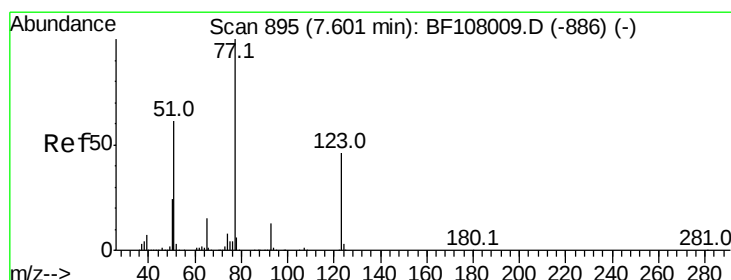
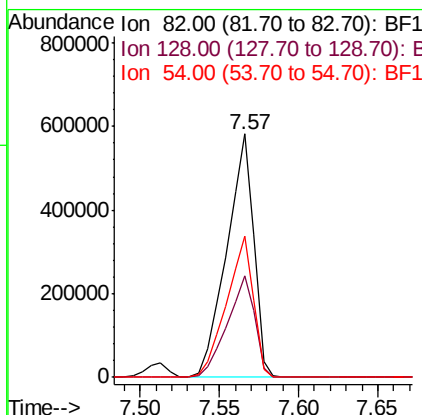
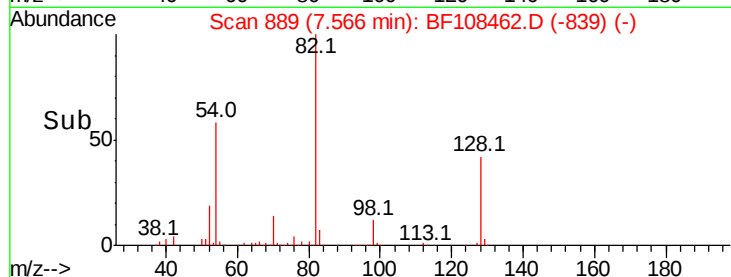
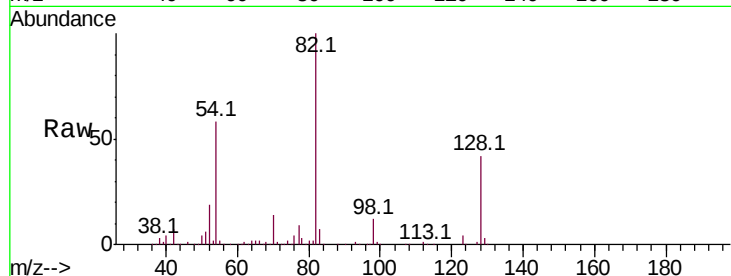
#23
Nitrobenzene-d5
Concen: 71.733 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Instrument :
BNA_F
ClientSampleId :
PB112334BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.7	36.1	54.1	
54	57.8	41.4	62.2	

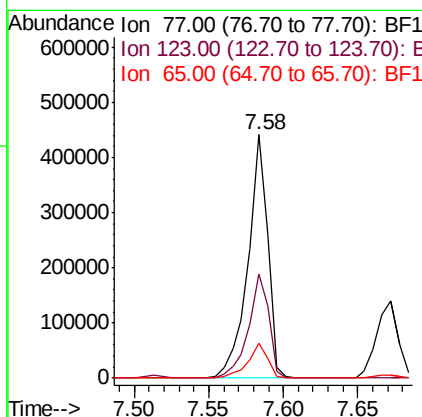
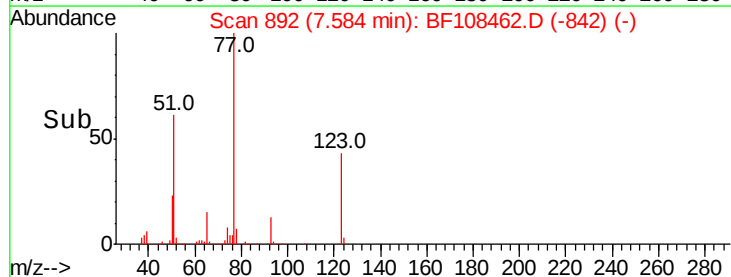
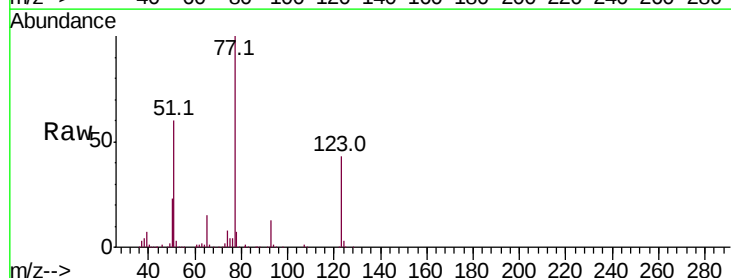
Manual Integrations
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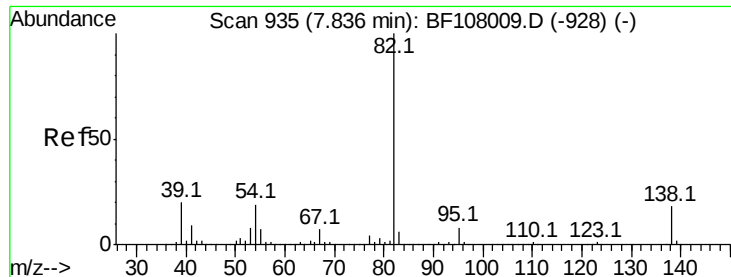
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#24
Nitrobenzene
Concen: 41.321 ng
RT: 7.58 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	42.7	37.9	56.9	
65	14.6	11.0	16.4	





#25

Isophorone

Concen: 40.690 ng

RT: 7.82 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF108462.D

Acq: 24 Aug 2018 14:42

Instrument :

BNA_F

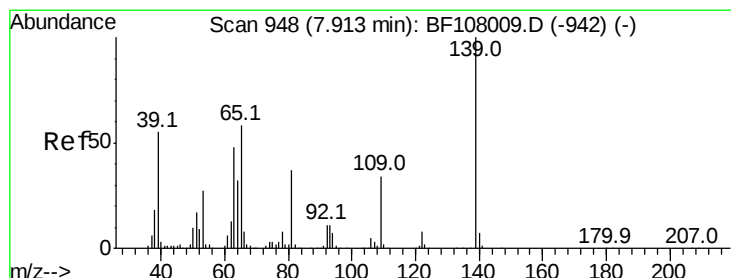
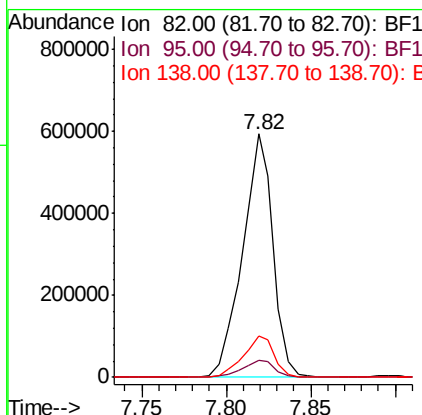
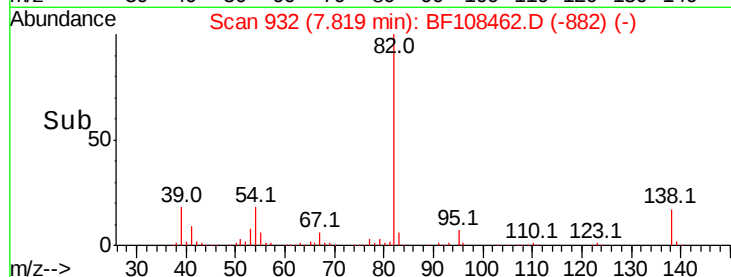
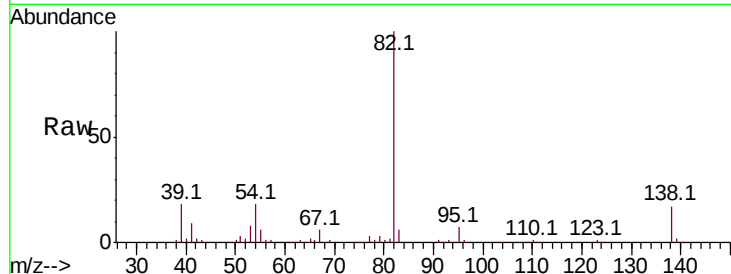
ClientSampleId :

PB112334BS

Tot Ion:	82	Resp:	744696
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.2	7.8
138	16.8	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 49.901 ng

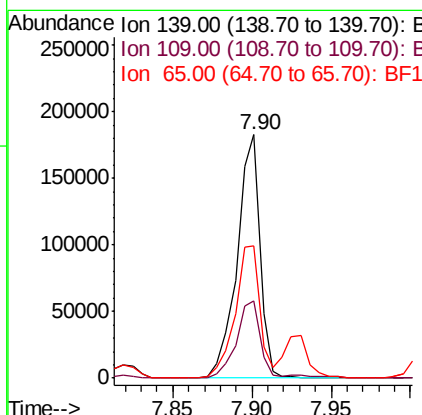
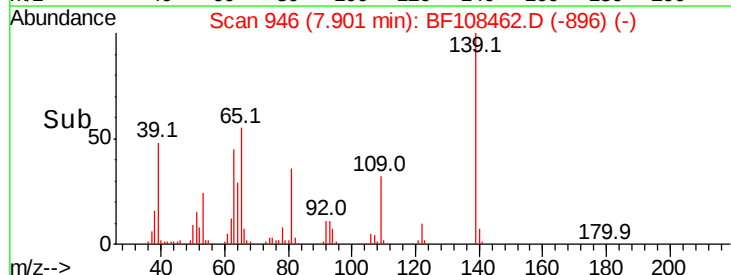
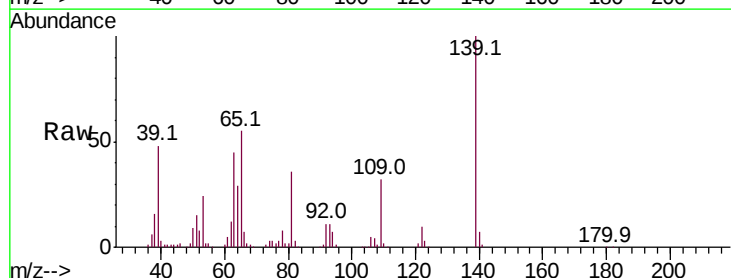
RT: 7.90 min Scan# 946

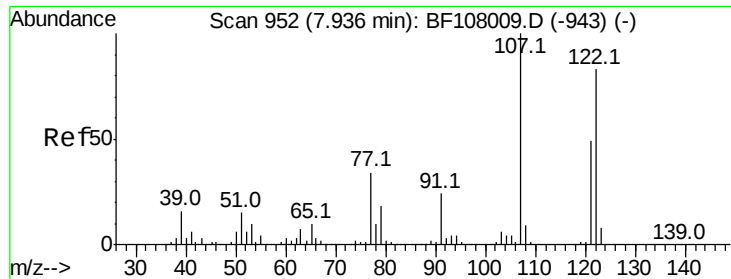
Delta R.T. -0.01 min

Lab File: BF108462.D

Acq: 24 Aug 2018 14:42

Tgt Ion:	139	Resp:	182976
Ion Ratio	Lower	Upper	
139	100		
109	32.0	22.7	34.1
65	54.5	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 42.386 ng

RT: 7.93 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF108462.D

Acq: 24 Aug 2018 14:42

Instrument :

BNA_F

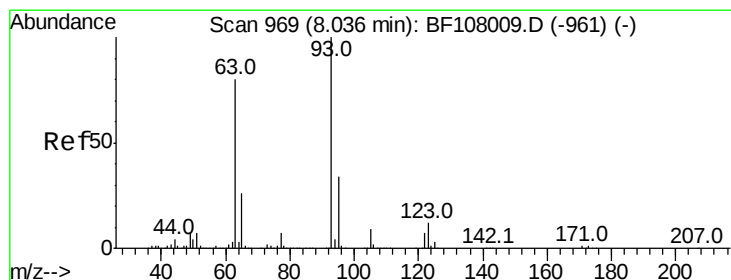
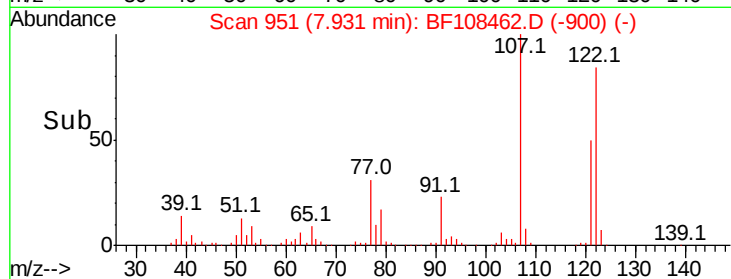
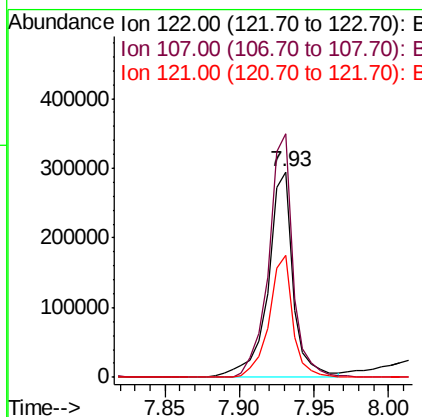
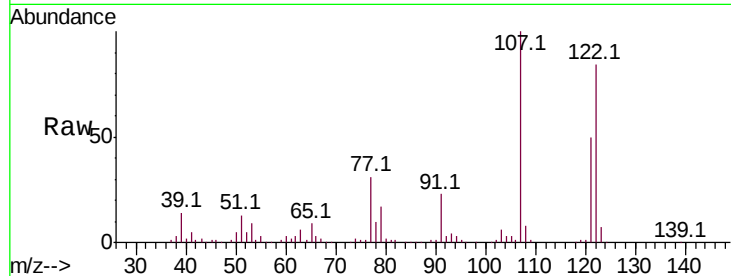
ClientSampleId :

PB112334BS

Tot Ion:	122	Resp:	344291
Ion Ratio	Lower	Upper	
122	100		
107	118.6	91.2	136.8
121	59.3	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 41.647 ng

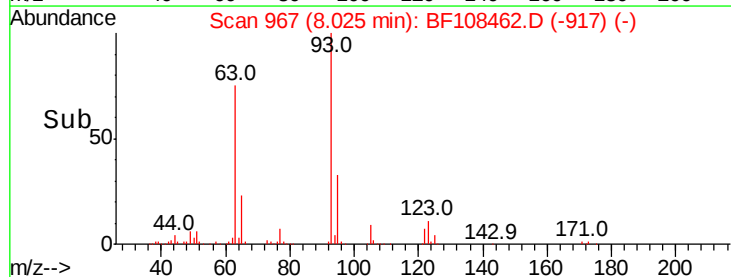
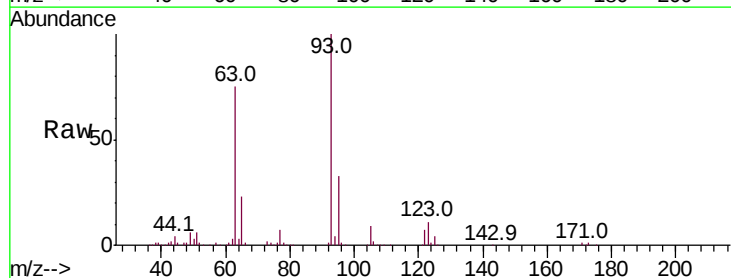
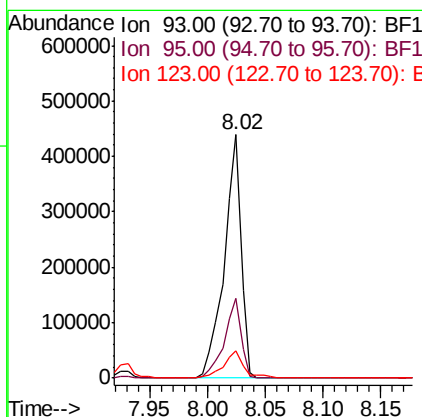
RT: 8.02 min Scan# 967

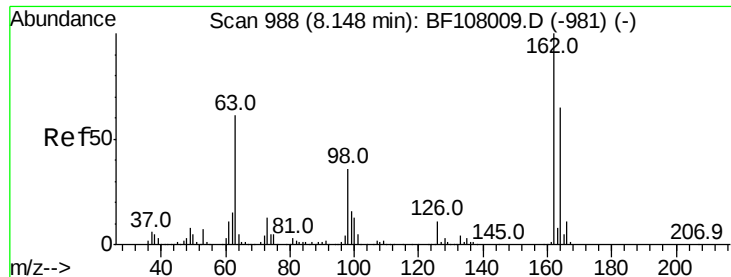
Delta R.T. -0.01 min

Lab File: BF108462.D

Acq: 24 Aug 2018 14:42

Tgt Ion:	93	Resp:	444960
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.3	39.5
123	11.4	9.8	14.6





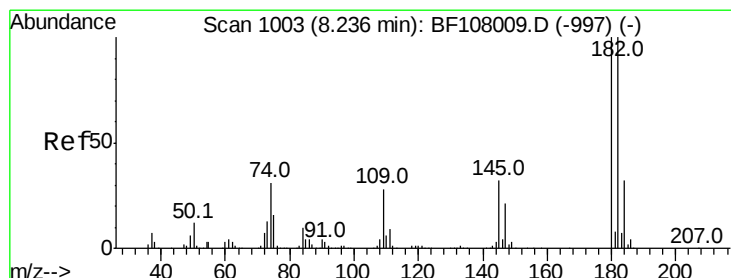
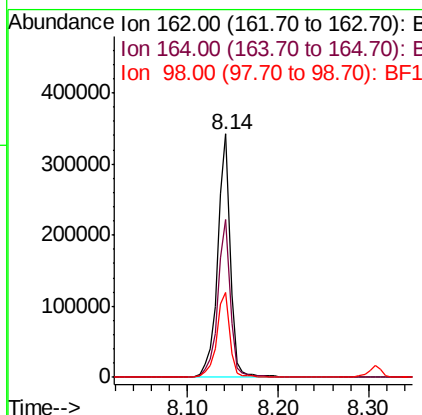
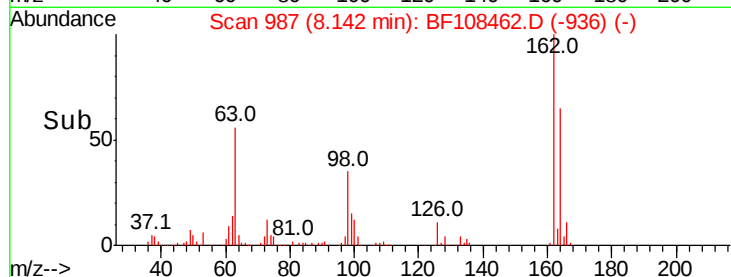
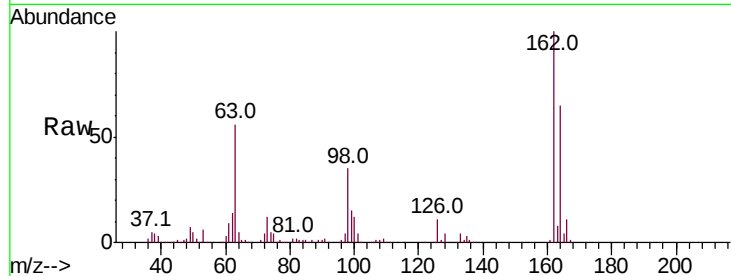
#29
2,4-Dichlorophenol
Concen: 43.838 ng
RT: 8.14 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Instrument :
BNA_F
ClientSampleId :
PB112334BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	327691		
164	64.6	42.7	82.7	
98	35.0	18.1	58.1	

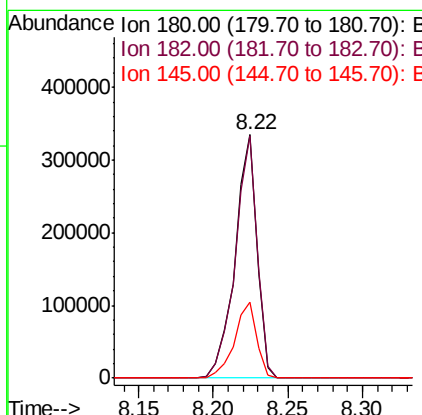
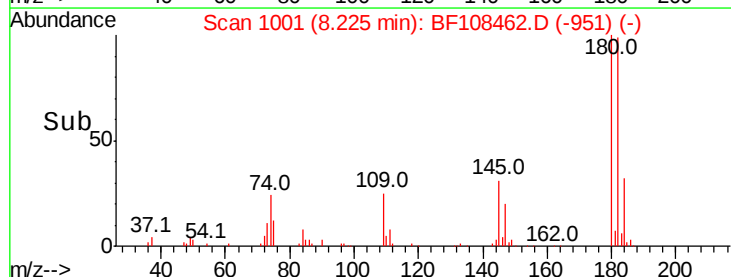
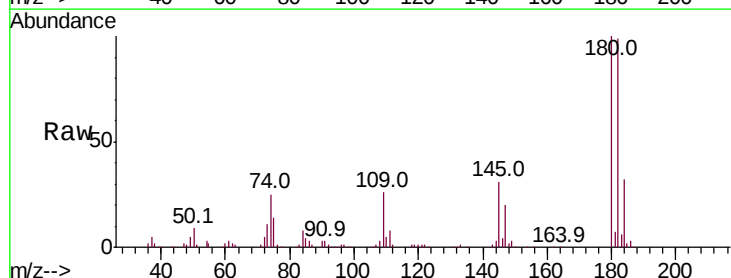
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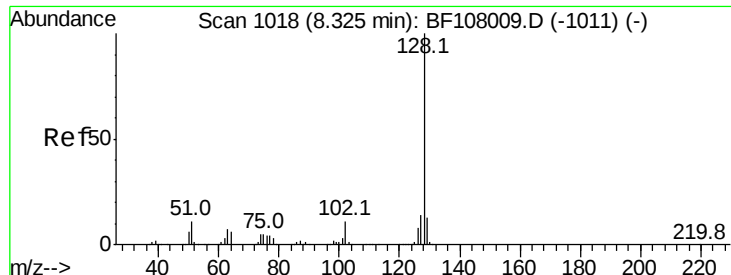
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#30
1,2,4-Trichlorobenzene
Concen: 41.986 ng
RT: 8.22 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	346028		
182	99.4	76.8	115.2	
145	31.0	26.5	39.7	





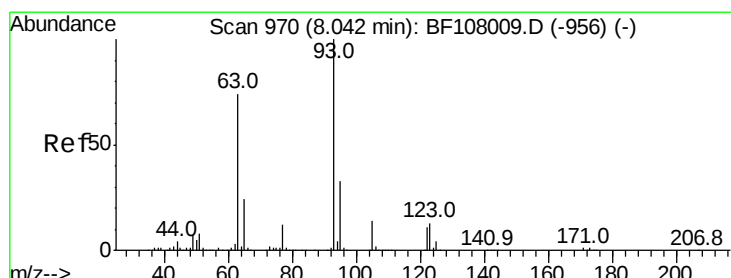
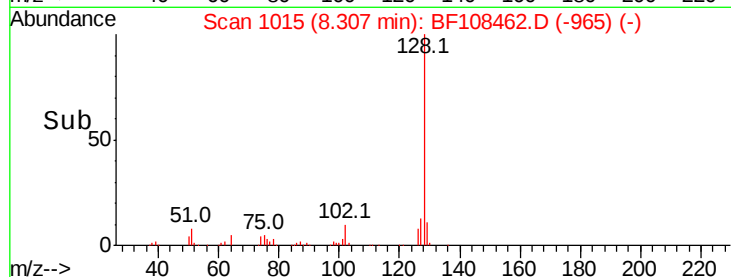
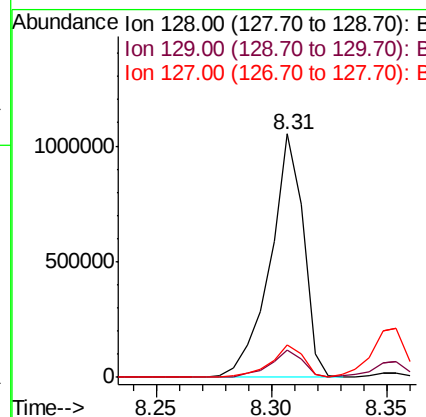
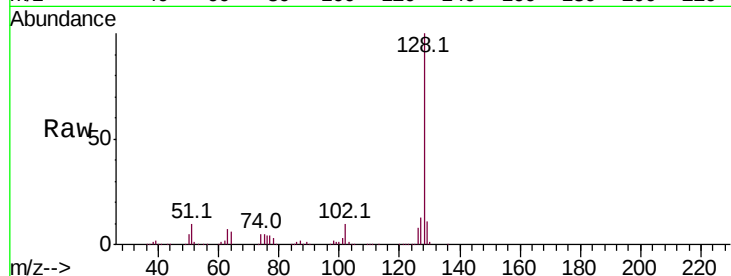
#31
Naphthalene
Concen: 43.027 ng
RT: 8.31 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Instrument :
BNA_F
ClientSampleId :
PB112334BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	13.5	10.9	16.3

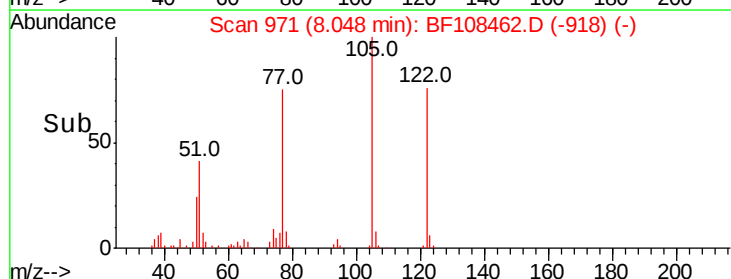
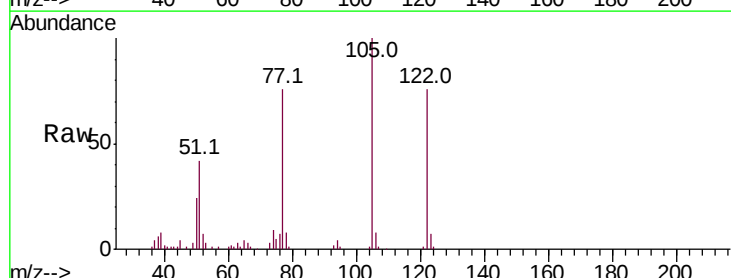
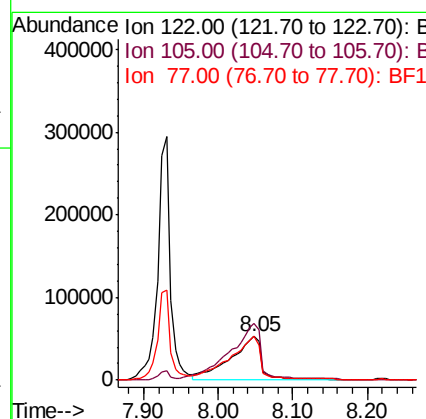
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#32
Benzoic acid
Concen: 34.220 ng
RT: 8.05 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.5	101.1	141.1
77	100.5	70.7	110.7





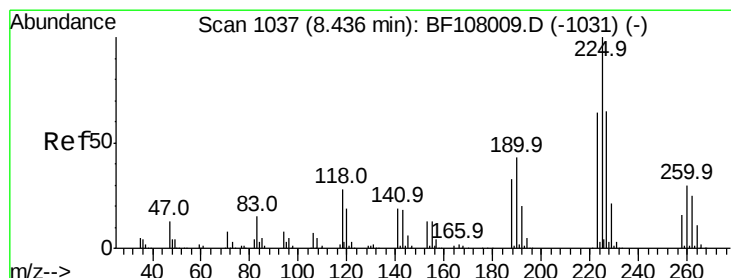
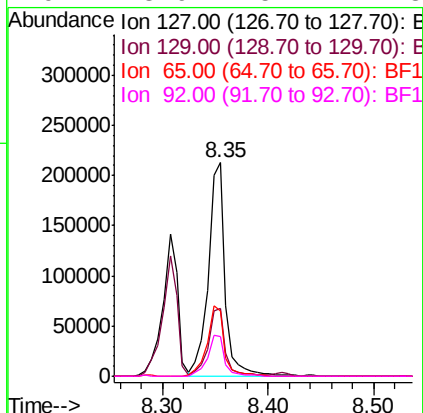
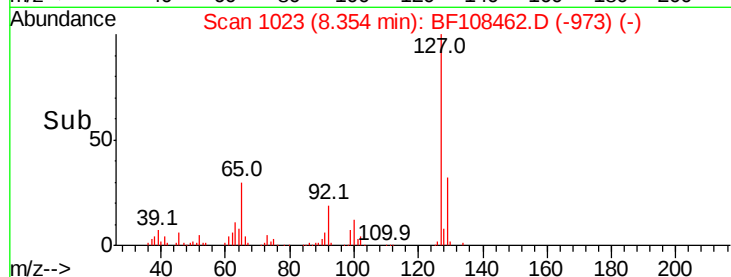
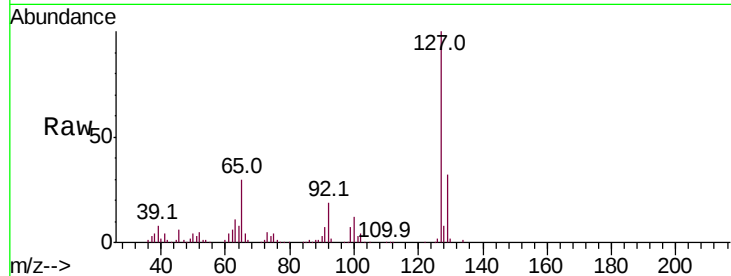
#33
4-Chloroaniline
Concen: 22.419 ng
RT: 8.35 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Instrument :
BNA_F
ClientSampleId :
PB112334BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.0	25.9	38.9	
65	30.3	25.0	37.4	
92	18.9	15.2	22.8	

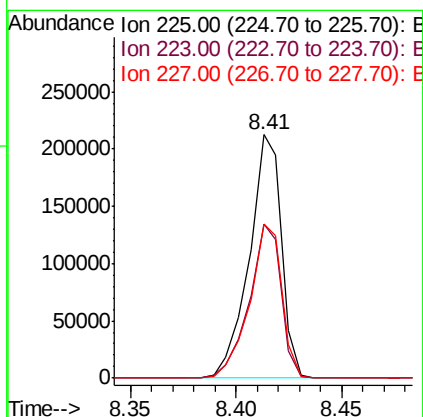
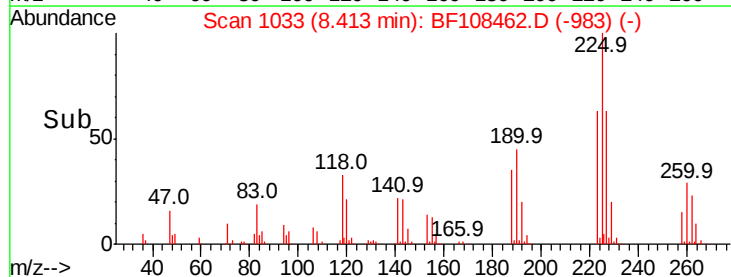
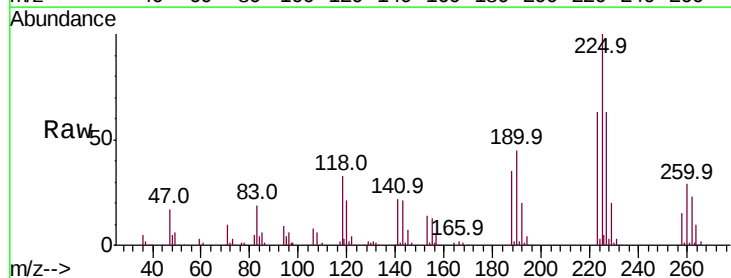
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#34
Hexachlorobutadiene
Concen: 43.055 ng
RT: 8.41 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.3	50.6	76.0	
227	63.5	51.9	77.9	





#35

Caprolactam

Concen: 39.642 ng/ml

RT: 8.73 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BF108462.D

Acq: 24 Aug 2018 14:42

Instrument :

BNA_F

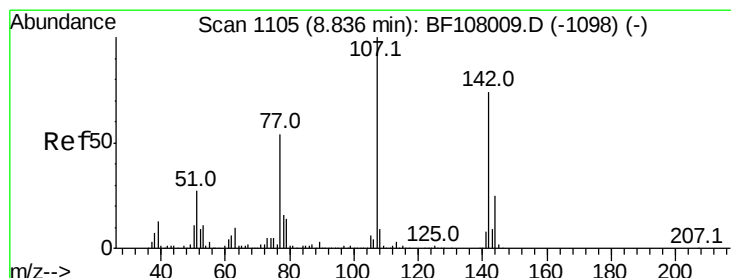
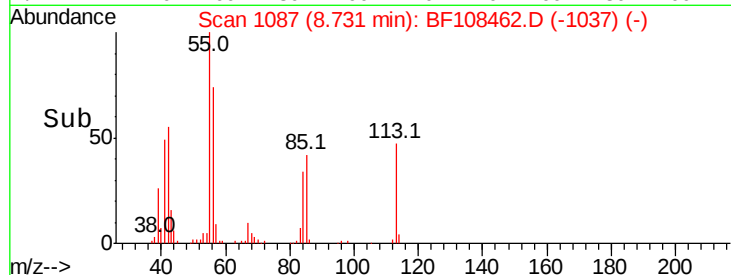
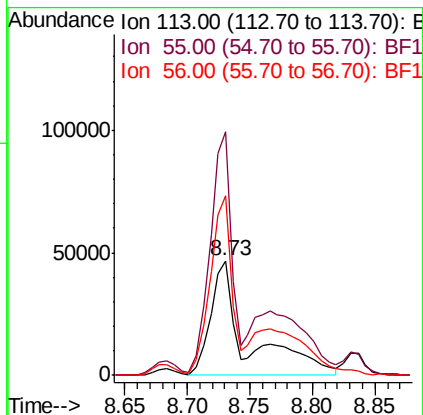
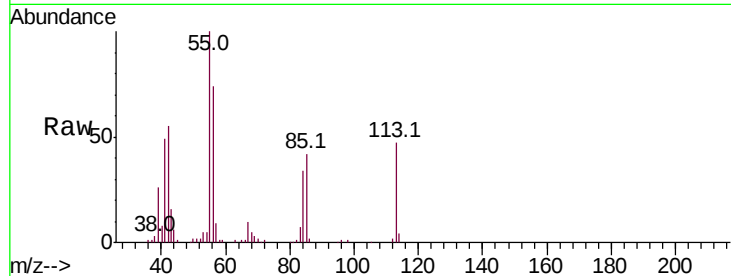
ClientSampled :

PB112334BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	211.8	163.3	203.3#
56	156.7	115.7	155.7#

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#36

4-Chloro-3-methylphenol

Concen: 43.095 ng/ml

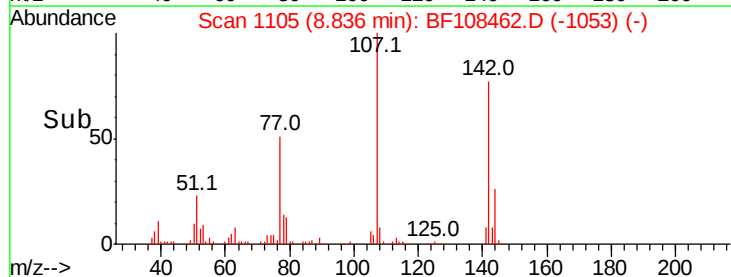
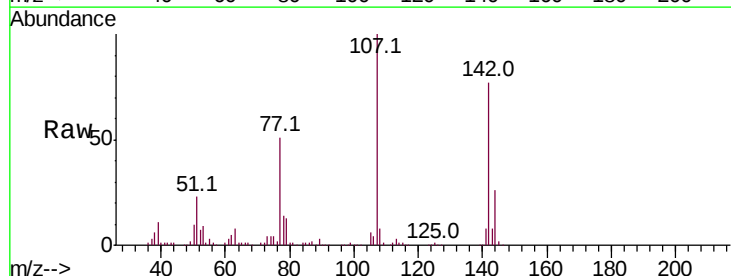
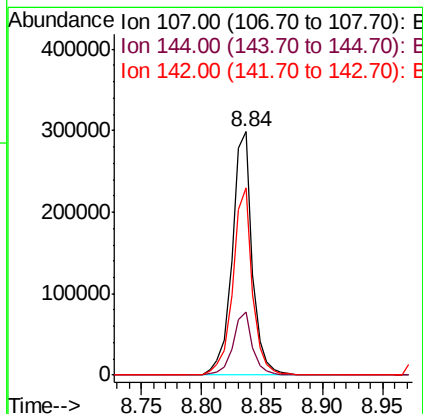
RT: 8.84 min Scan# 1105

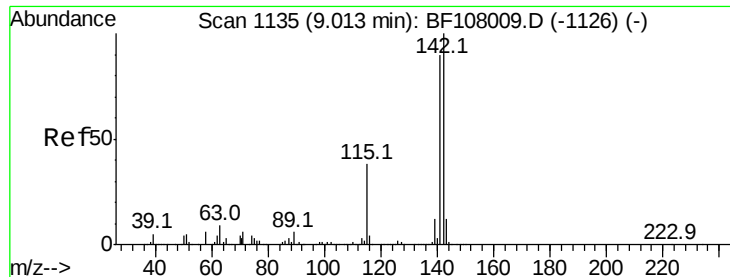
Delta R.T. 0.01 min

Lab File: BF108462.D

Acq: 24 Aug 2018 14:42

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.9	20.5	30.7
142	76.7	62.0	93.0





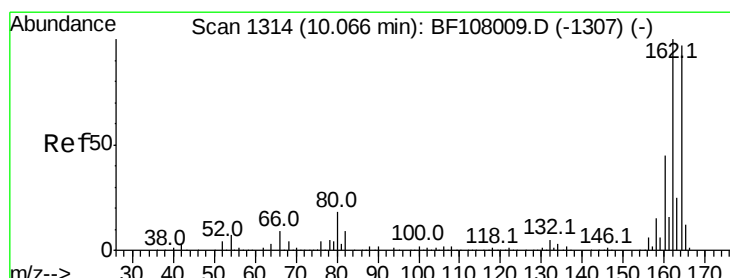
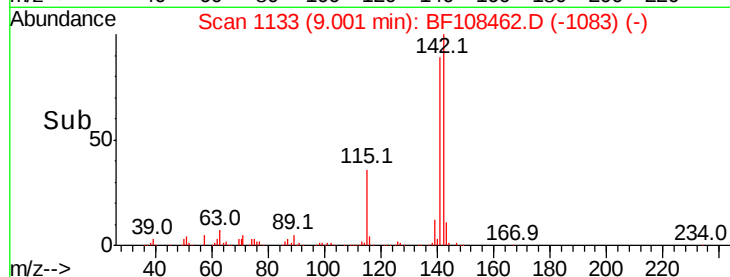
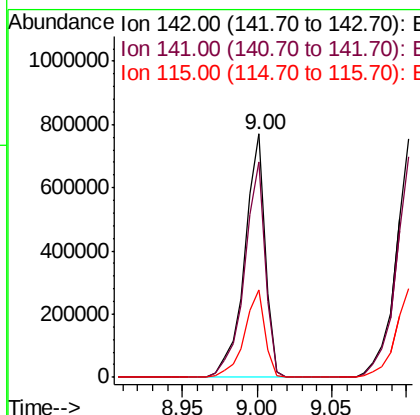
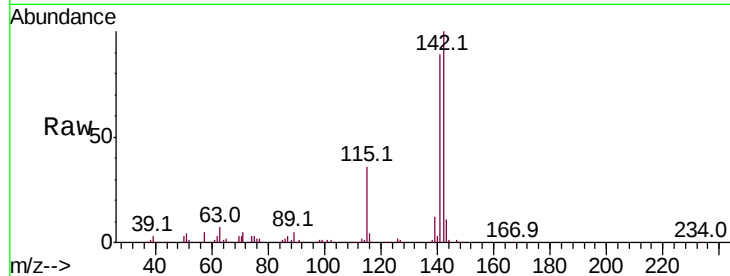
#37
2-Methylnaphthalene
Concen: 42.655 ng
RT: 9.00 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Instrument :
BNA_F
ClientSampleId :
PB112334BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.8	106.2
115	36.0	26.1	39.1

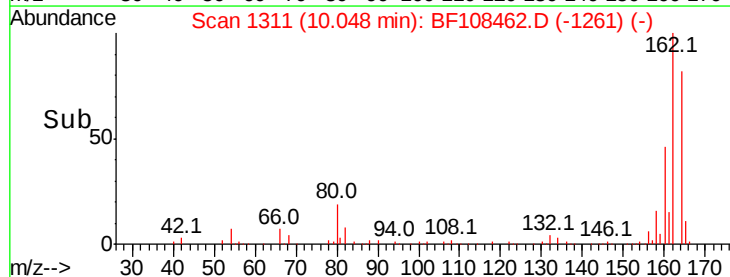
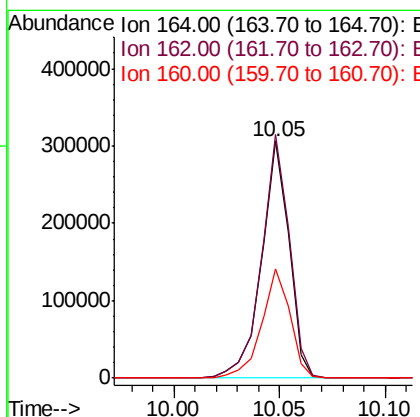
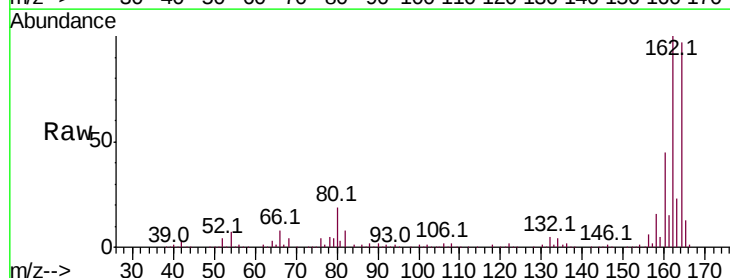
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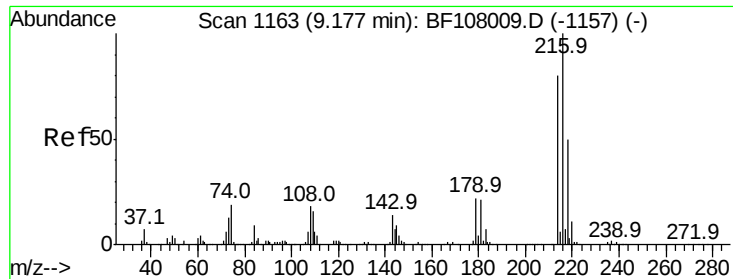
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.05 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	86.1	129.1
160	46.2	38.3	57.5





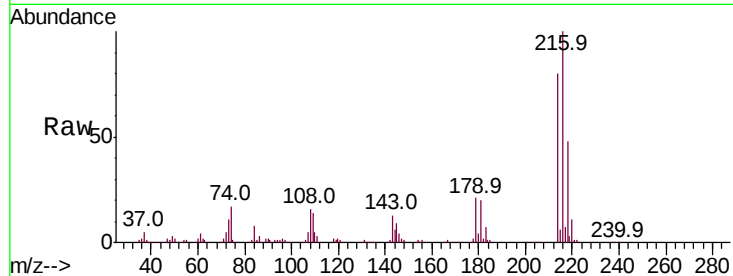
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.342 ng
 RT: 9.17 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BF108462.D
 Acq: 24 Aug 2018 14:42

Instrument :
 BNA_F
 ClientSampleId :
 PB112334BS

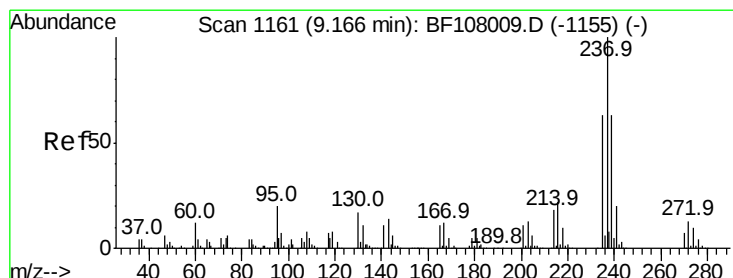
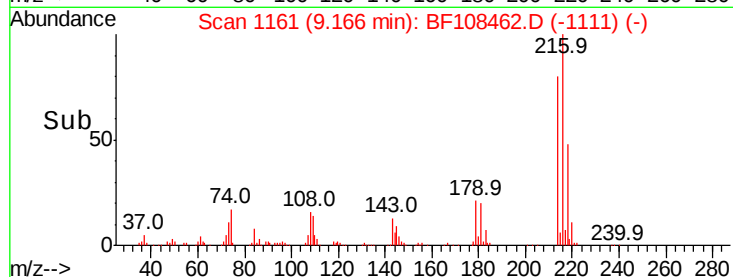
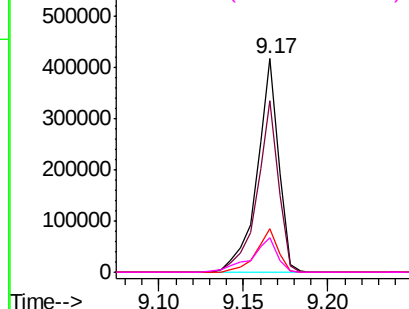
Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.7	63.0	94.4	
179	20.5	18.1	27.1	
108	19.4	17.2	25.8	

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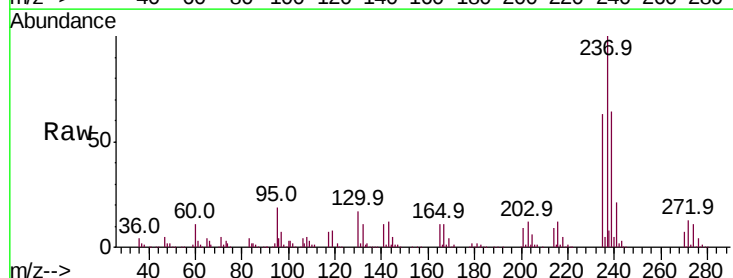


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

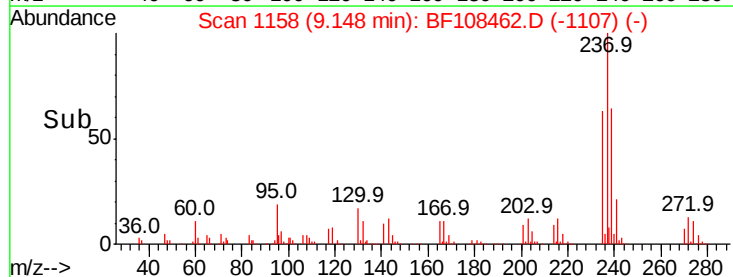
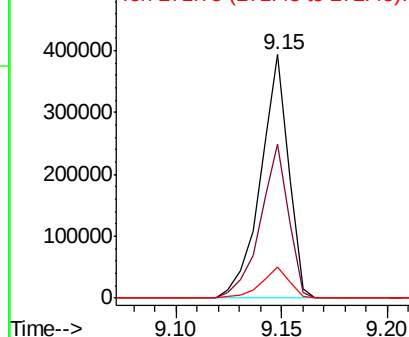


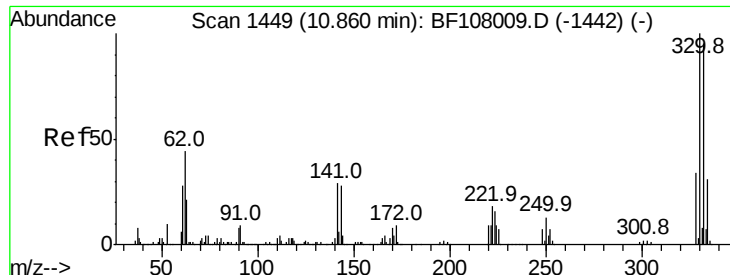
#40
 Hexachlorocyclopentadiene
 Concen: 65.723 ng
 RT: 9.15 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BF108462.D
 Acq: 24 Aug 2018 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	63.3	44.8	84.8	
272	13.0	0.0	33.3	



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





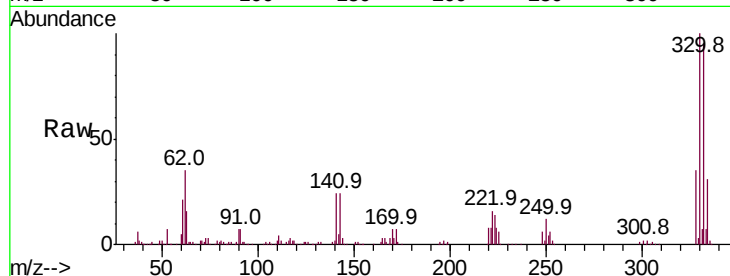
#41
 2,4,6-Tribromophenol
 Concen: 118.701 ng
 RT: 10.85 min Scan# 1447
 Delta R.T. -0.00 min
 Lab File: BF108462.D
 Acq: 24 Aug 2018 14:42

Instrument :
 BNA_F
 ClientSampleId :
 PB112334BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.4	77.0	115.6	
141	31.1	29.9	44.9	

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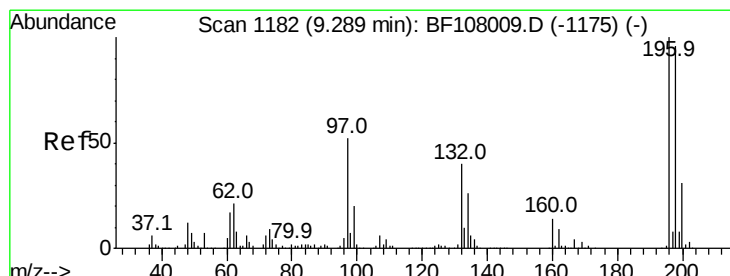
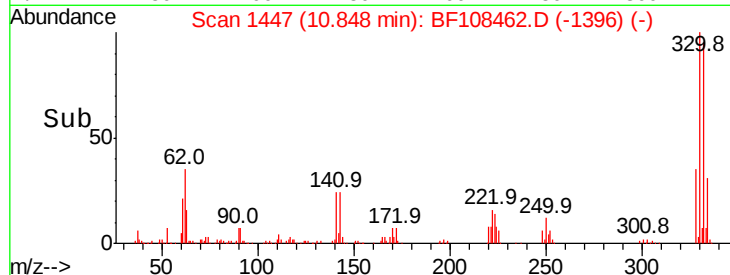
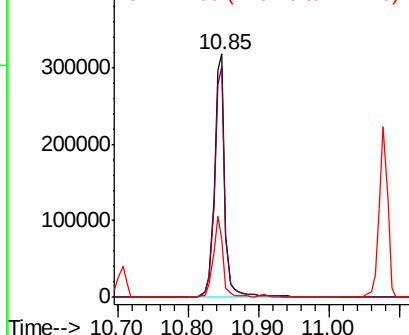


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 45.107 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF108462.D
 Acq: 24 Aug 2018 14:42

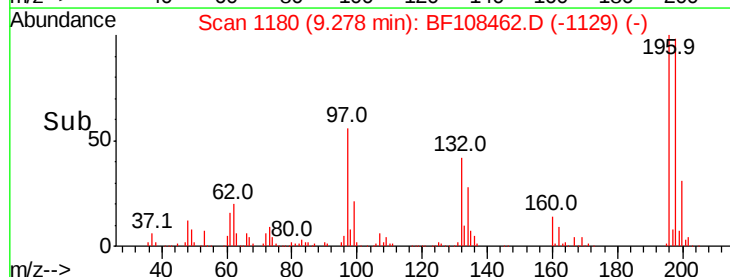
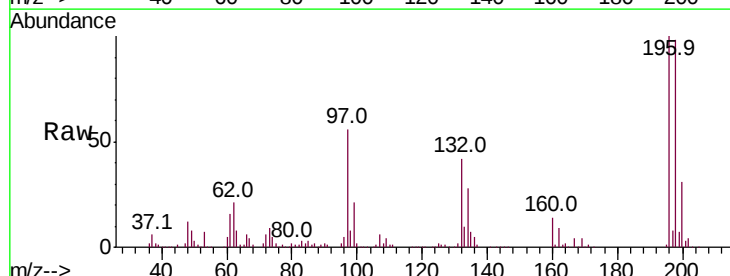
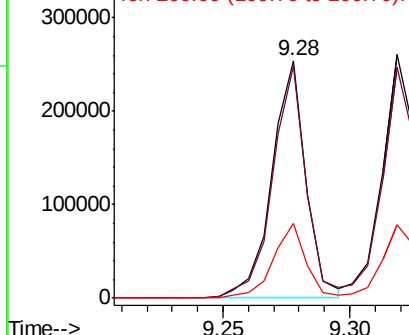
Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	97.7	75.7	113.5	
200	31.4	24.5	36.7	

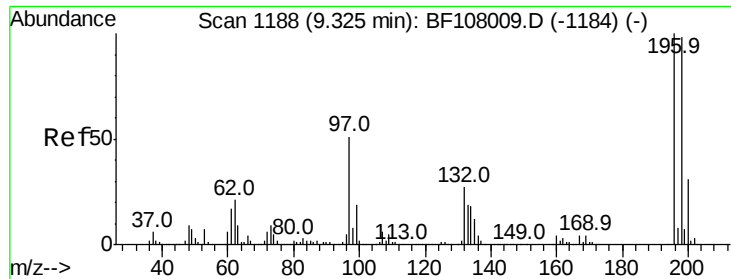
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





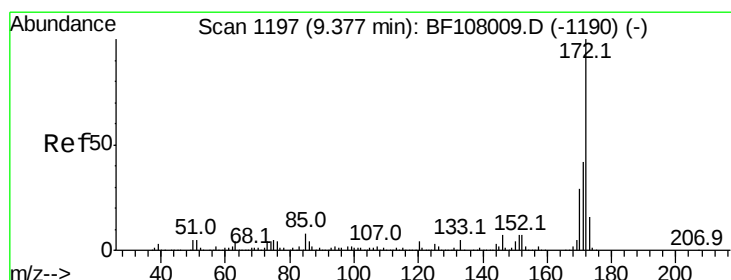
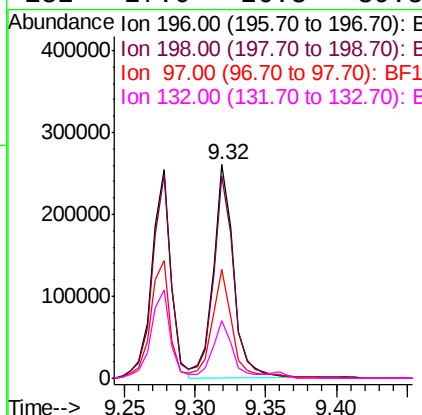
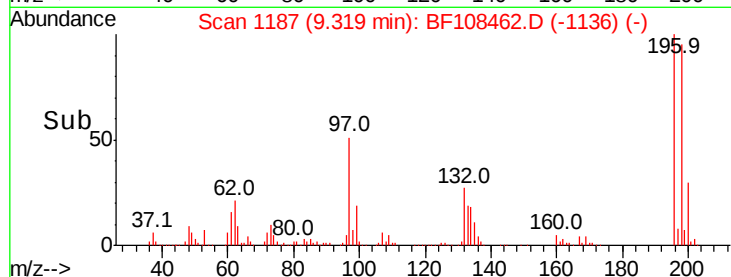
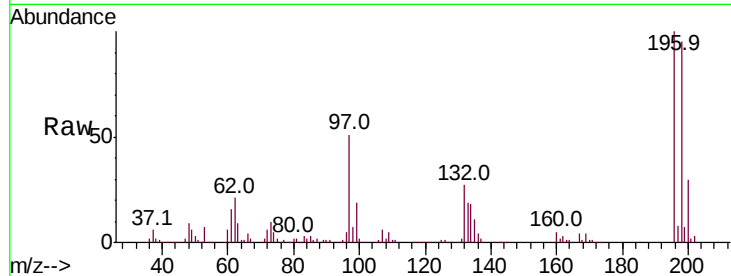
#43
 2,4,5-Trichlorophenol
 Concen: 44.463 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BF108462.D
 Acq: 24 Aug 2018 14:42

Instrument :
 BNA_F
 ClientSampleID :
 PB112334BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	260355		
198	94.9	74.6	112.0	
97	51.0	42.9	64.3	
132	27.0	26.3	39.5	

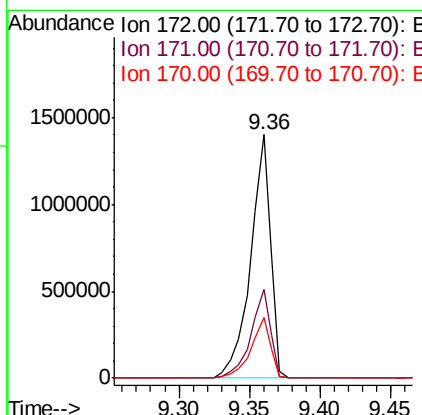
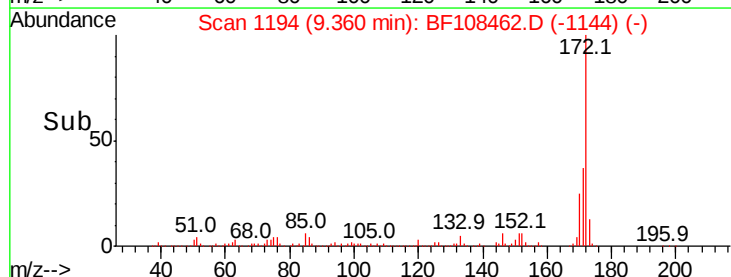
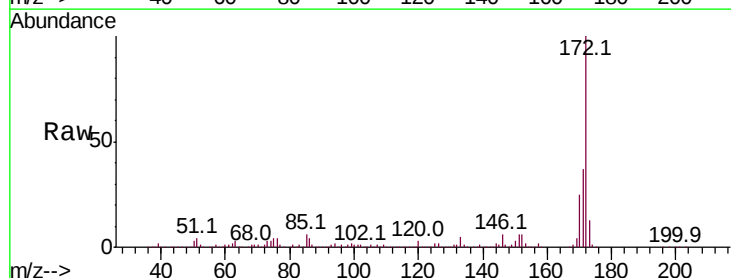
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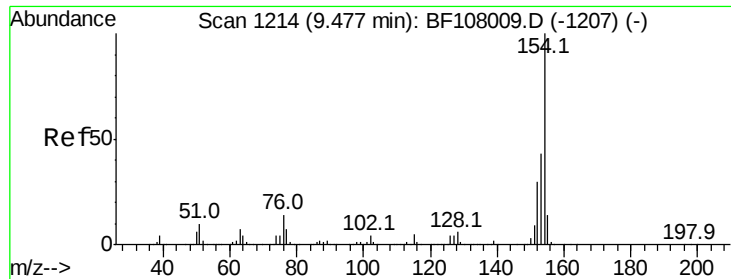
Sohil
 8/27/2018 12:56:30 PM



#44
 2-Fluorobiphenyl
 Concen: 79.967 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF108462.D
 Acq: 24 Aug 2018 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1390343		
171	36.5	29.7	44.5	
170	25.0	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 43.840 ng

RT: 9.47 min Scan# 1212

Delta R.T. -0.00 min

Lab File: BF108462.D

Acq: 24 Aug 2018 14:42

Instrument :

BNA_F

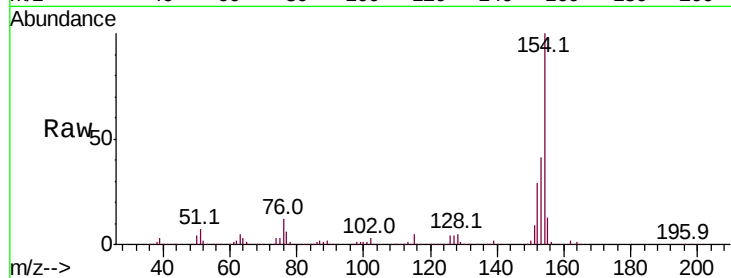
ClientSampleId :

PB112334BS

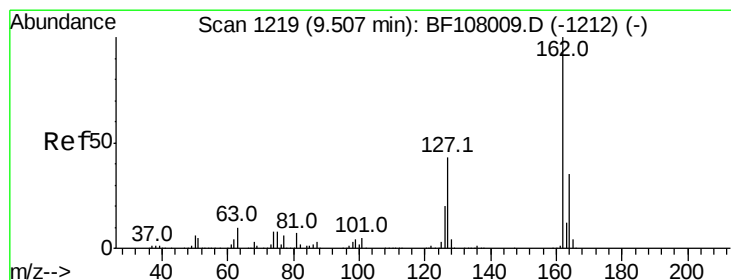
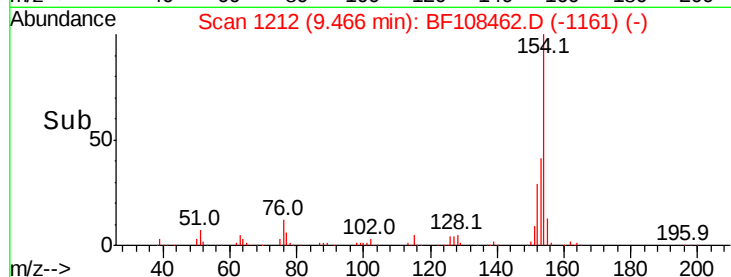
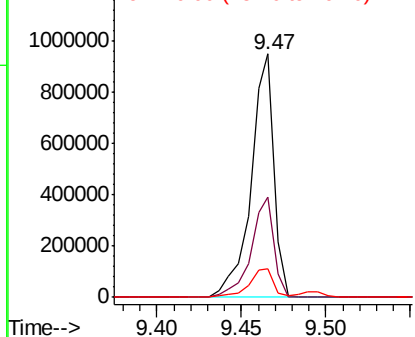
Tot Ion:	154	Resp:	902255
Ion Ratio	Lower	Upper	
154	100		
153	41.1	21.3	61.3
76	11.6	0.0	34.0

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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: 42.667 ng

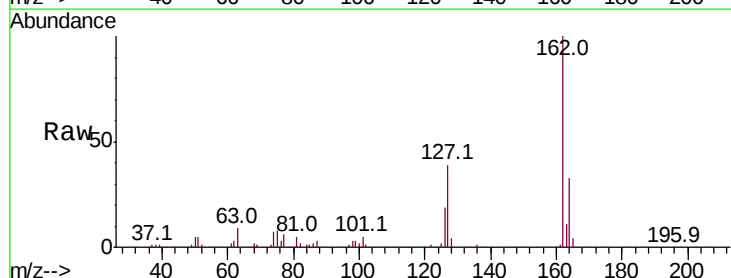
RT: 9.50 min Scan# 1217

Delta R.T. -0.00 min

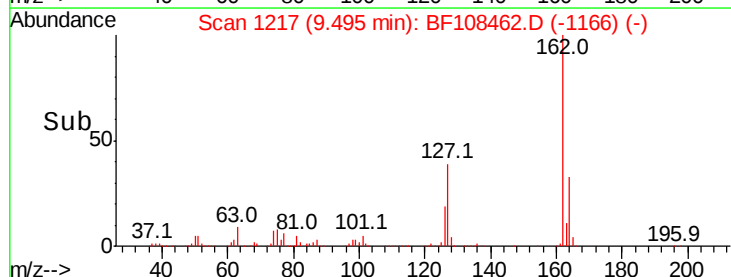
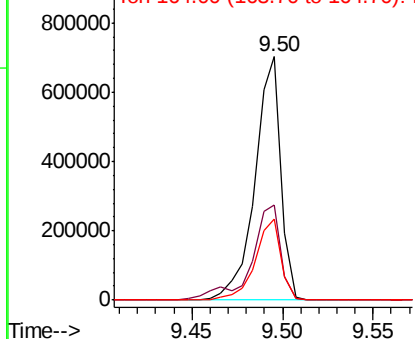
Lab File: BF108462.D

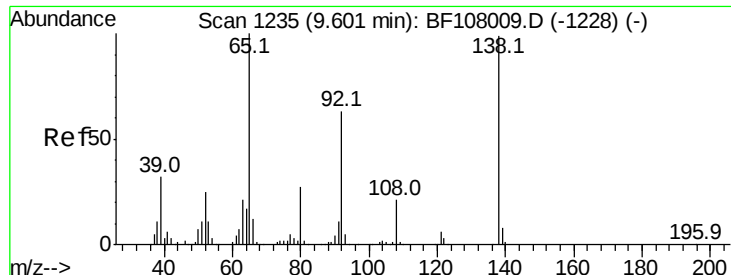
Acq: 24 Aug 2018 14:42

Tgt Ion:	162	Resp:	694022
Ion Ratio	Lower	Upper	
162	100		
127	39.2	33.9	50.9
164	33.4	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





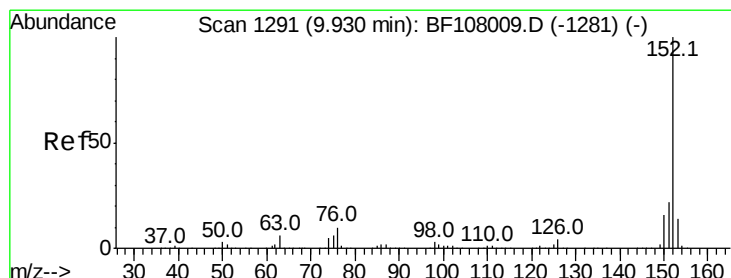
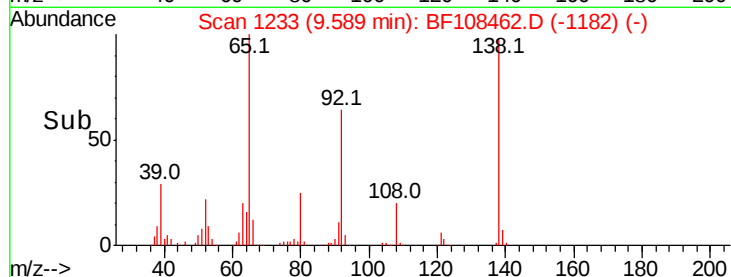
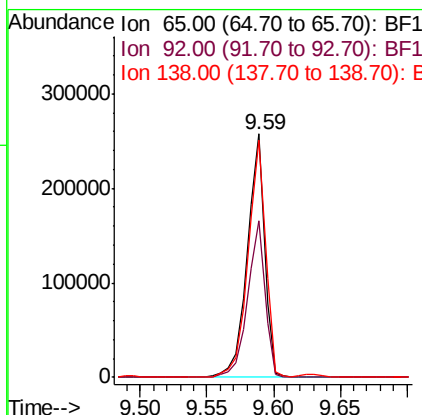
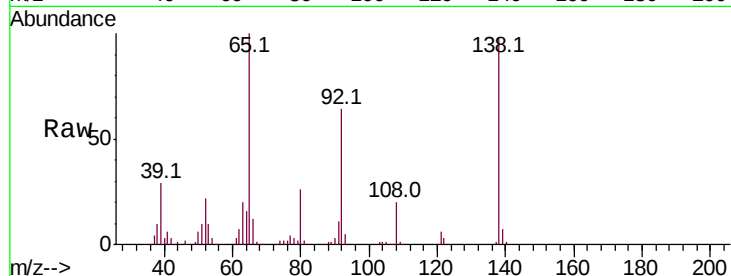
#47
2-Nitroaniline
Concen: 43.739 ng
RT: 9.59 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Instrument :
BNA_F
ClientSampleId :
PB112334BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.2	55.8	83.6
138	97.6	91.2	136.8

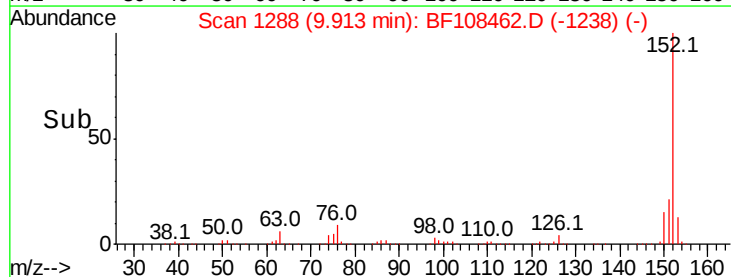
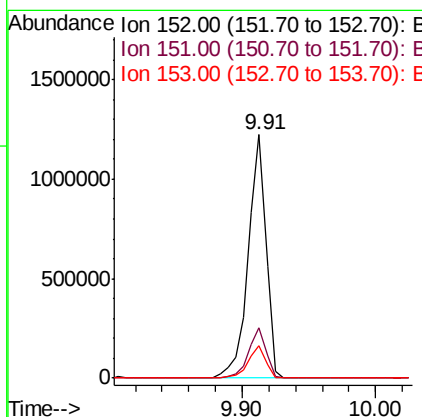
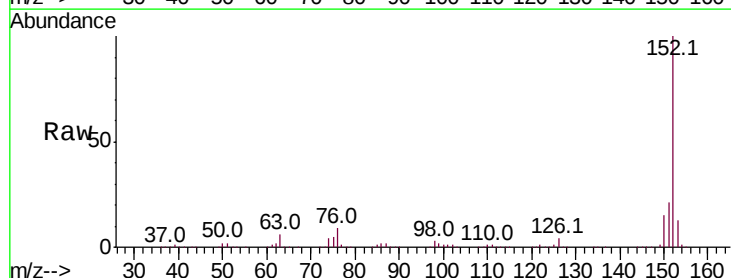
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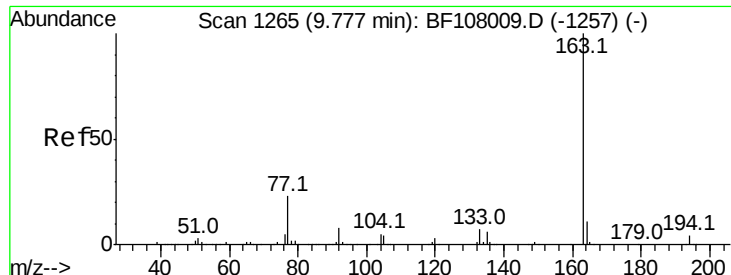
Sohil
8/27/2018 12:56:30 PM



#48
Acenaphthylene
Concen: 43.293 ng
RT: 9.91 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.3	24.5
153	13.2	10.7	16.1





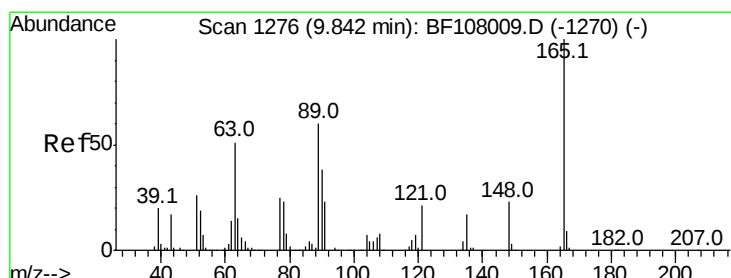
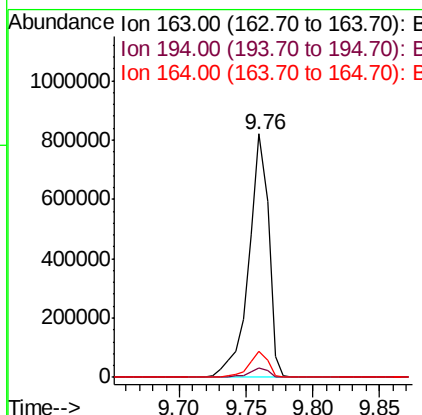
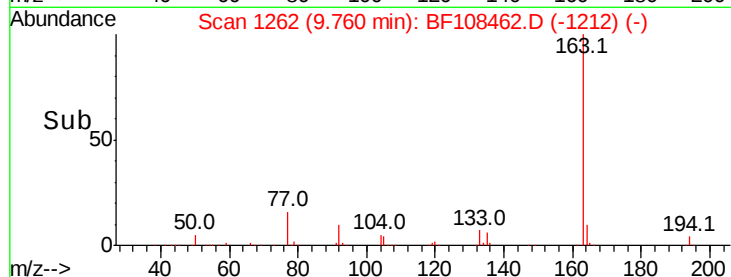
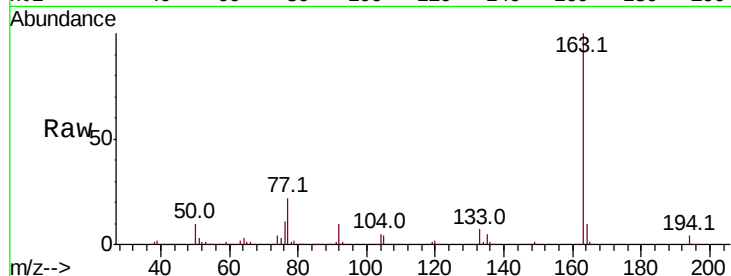
#49
 Dimethylphthalate
 Concen: 42.566 ng
 RT: 9.76 min Scan# 1262
 Delta R.T. -0.01 min
 Lab File: BF108462.D
 Acq: 24 Aug 2018 14:42

Instrument :
 BNA_F
 ClientSampleID :
 PB112334BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.0	2.7	4.1	
164	10.5	8.2	12.2	

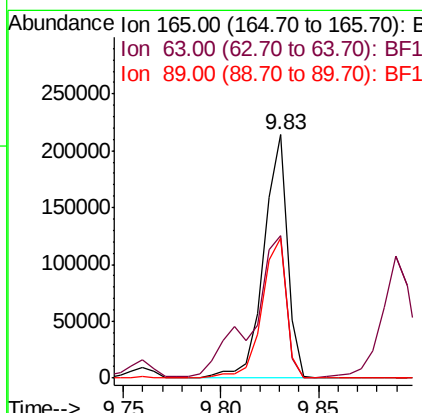
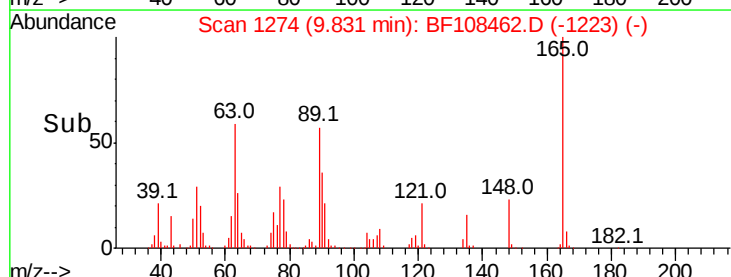
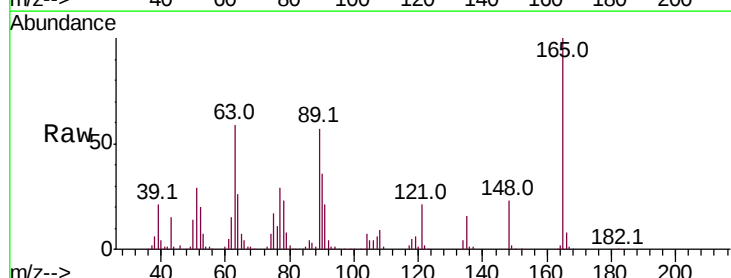
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#50
 2,6-Dinitrotoluene
 Concen: 44.241 ng
 RT: 9.83 min Scan# 1274
 Delta R.T. -0.00 min
 Lab File: BF108462.D
 Acq: 24 Aug 2018 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	58.7	44.7	67.1	
89	57.2	44.0	66.0	





#51

Acenaphthene

Concen: 41.119 ng

RT: 10.08 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF108462.D

Acq: 24 Aug 2018 14:42

Instrument :

BNA_F

ClientSampleId :

PB112334BS

Tot Ion:154 Resp: 647653

Ion Ratio Lower Upper

154 100

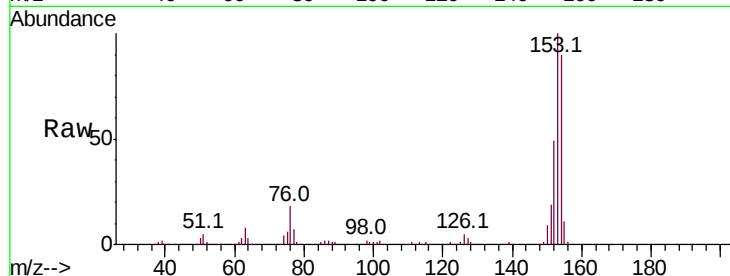
153 111.4 91.2 136.8

152 54.1 43.8 65.8

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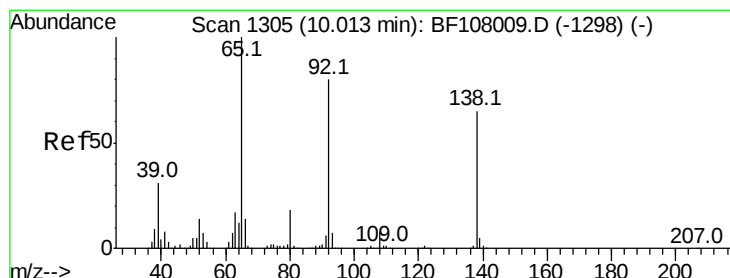
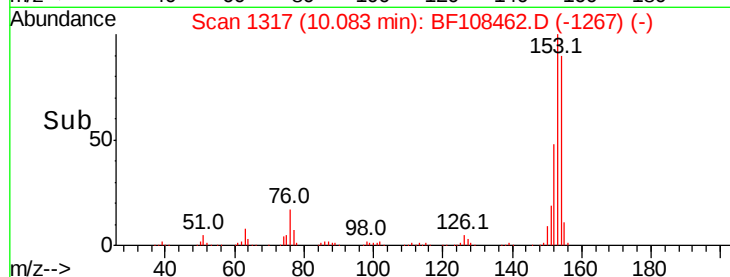
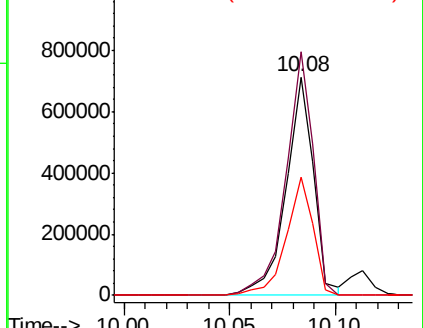
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 30.098 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF108462.D

Acq: 24 Aug 2018 14:42

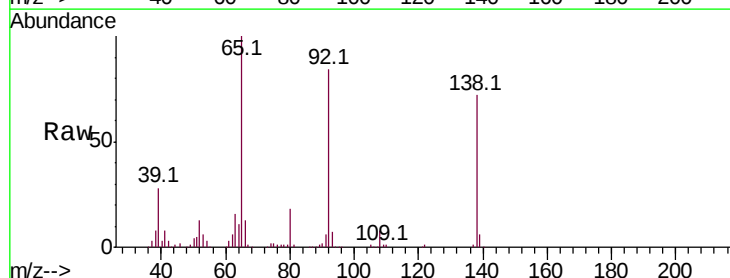
Tgt Ion:138 Resp: 133965

Ion Ratio Lower Upper

138 100

108 10.5 9.4 14.0

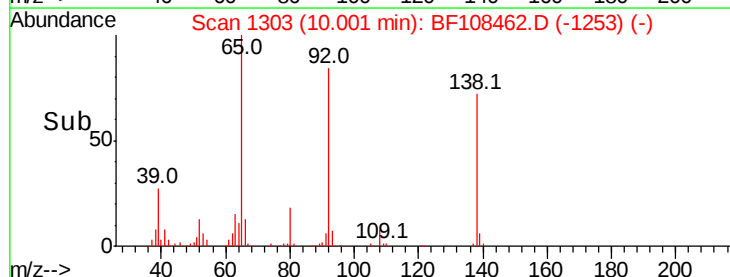
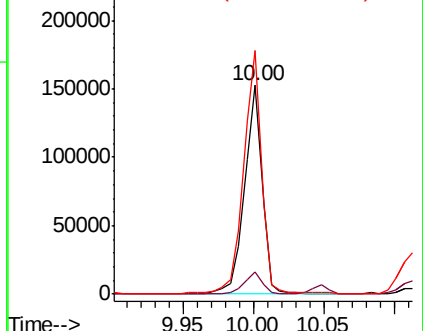
92 116.7 89.4 134.2

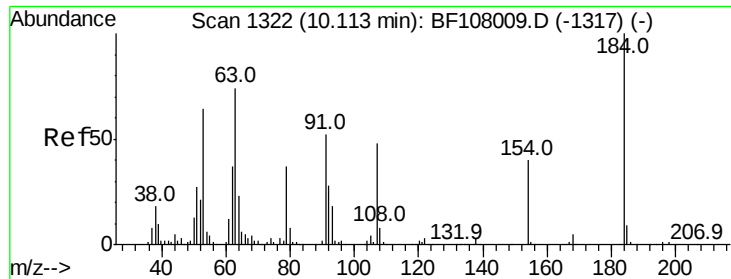


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





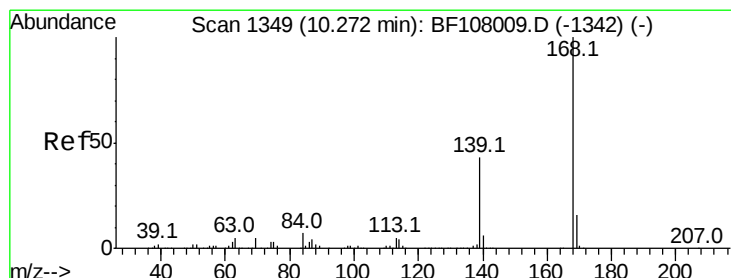
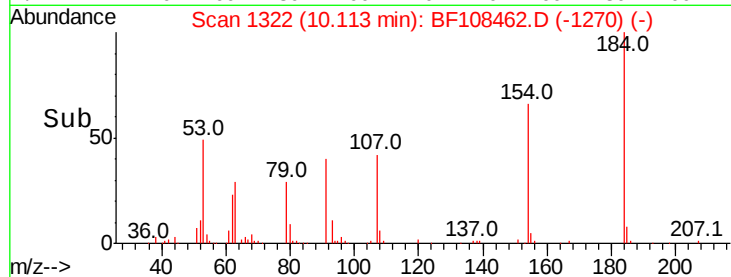
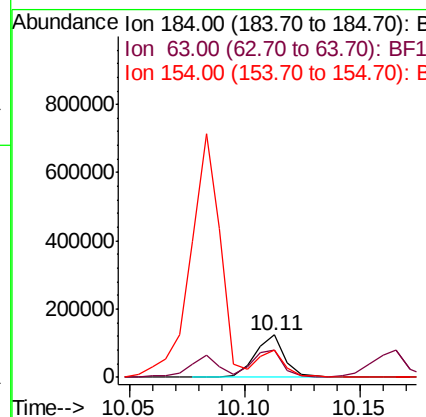
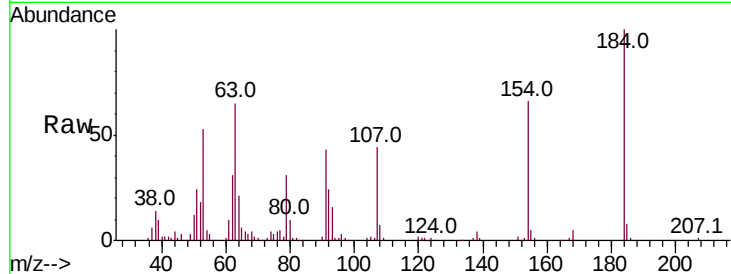
#53
2,4-Dinitrophenol
Concen: 73.858 ng
RT: 10.11 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Instrument :
BNA_F
ClientSampleId :
PB112334BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	65.4	54.2	81.2	
154	65.7	184.0	276.0	

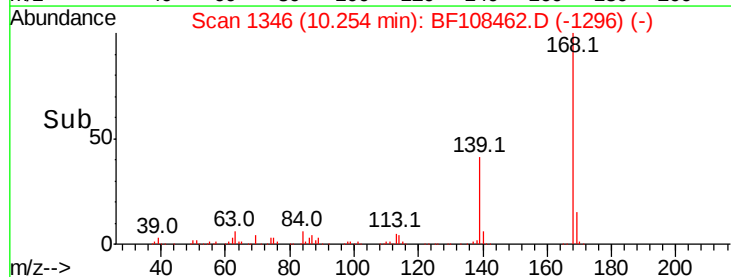
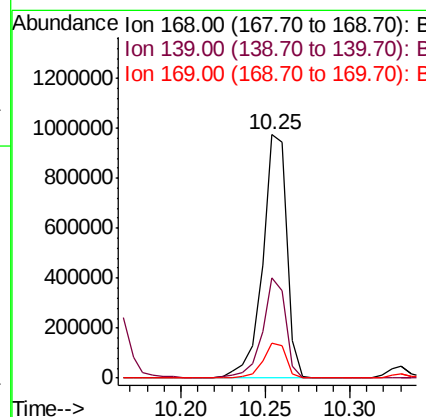
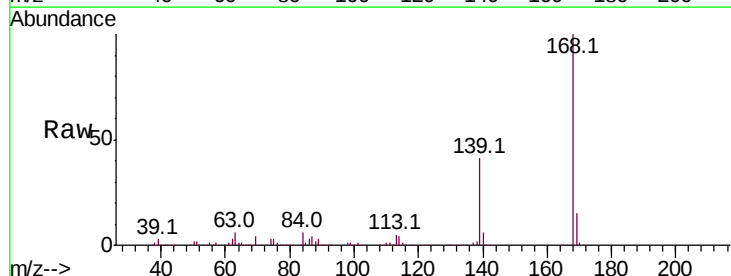
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#54
Dibenzofuran
Concen: 42.500 ng
RT: 10.25 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.9	30.1	45.1	
169	14.6	10.9	16.3	





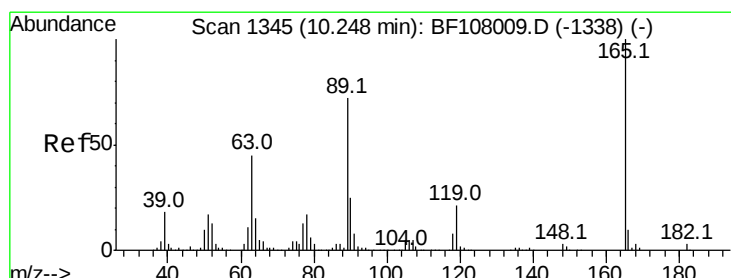
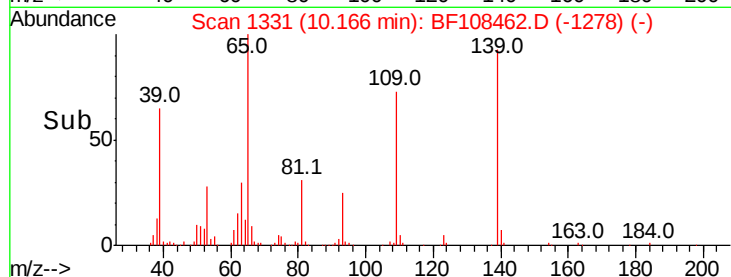
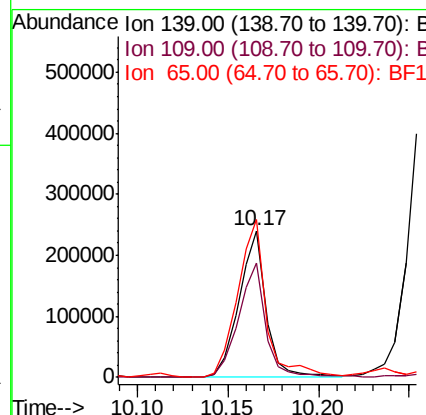
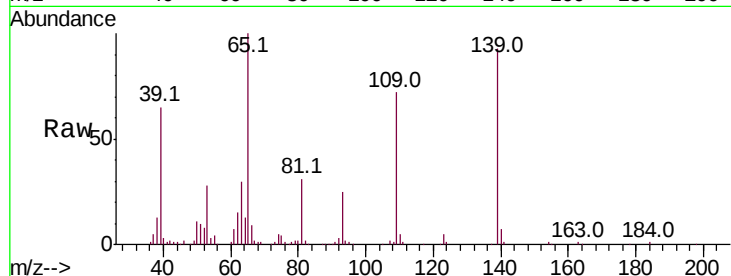
#55
4-Nitrophenol
Concen: 74.308 ng
RT: 10.17 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Instrument :
BNA_F
ClientSampled :
PB112334BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	250455		
109	77.9	48.4	88.4	
65	107.6	72.6	112.6	

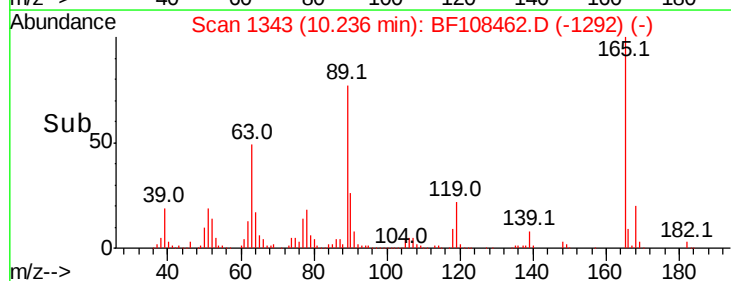
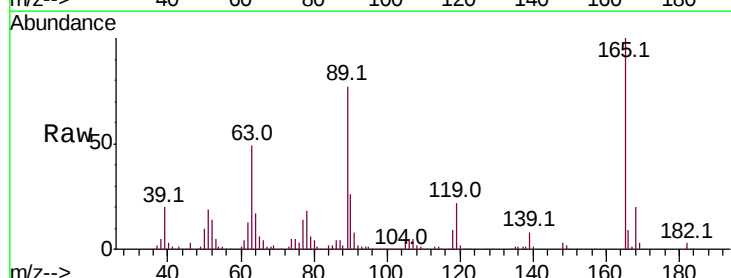
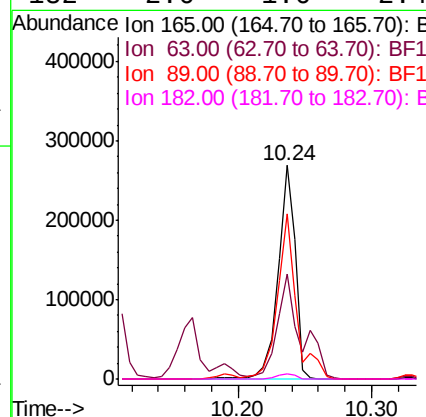
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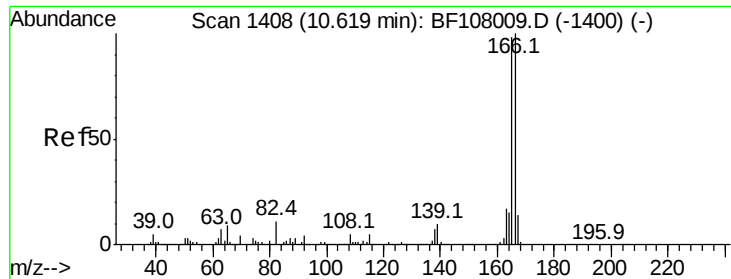
Sohil
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#56
2,4-Dinitrotoluene
Concen: 46.366 ng
RT: 10.24 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	242789		
63	49.3	36.4	54.6	
89	77.3	57.8	86.6	
182	2.6	1.6	2.4	





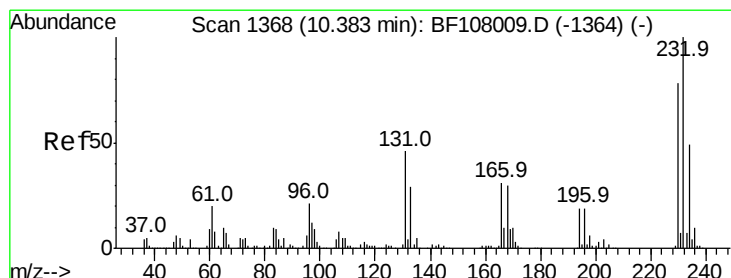
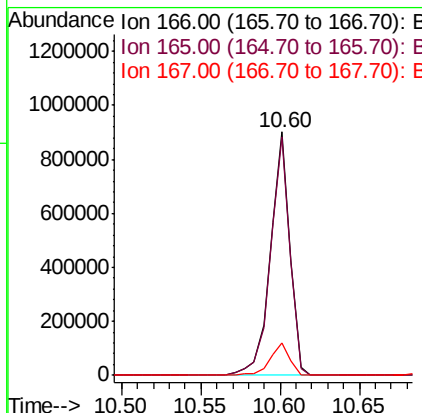
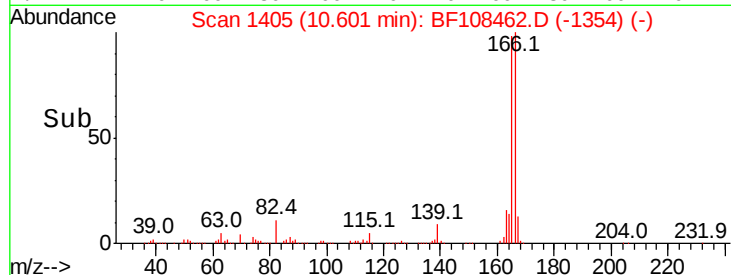
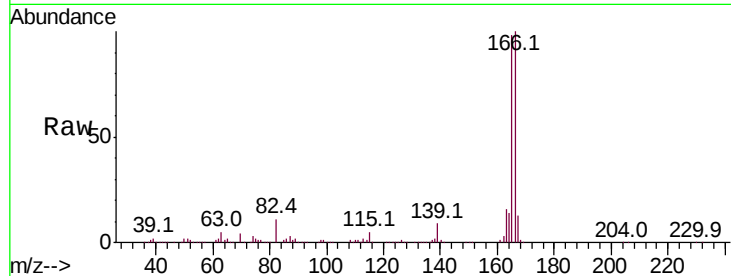
#57
 Fluorene
 Concen: 42.946 ng
 RT: 10.60 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: BF108462.D
 Acq: 24 Aug 2018 14:42

Instrument :
 BNA_F
 ClientSampleId :
 PB112334BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.1	79.8	119.8
167	13.5	10.6	16.0

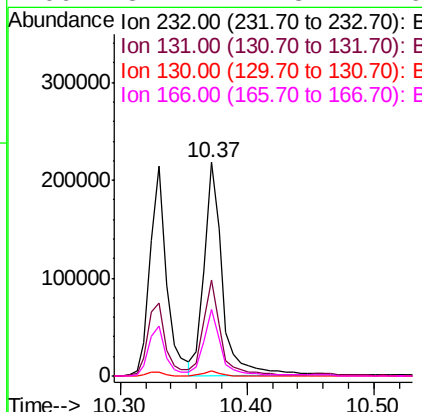
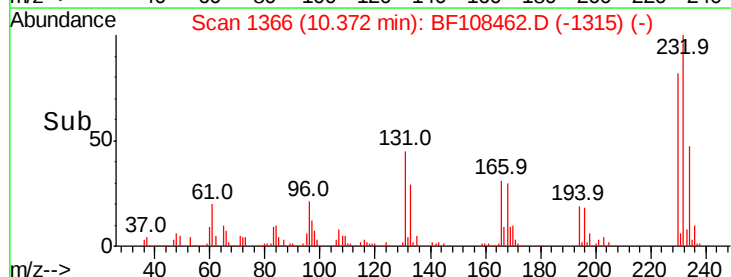
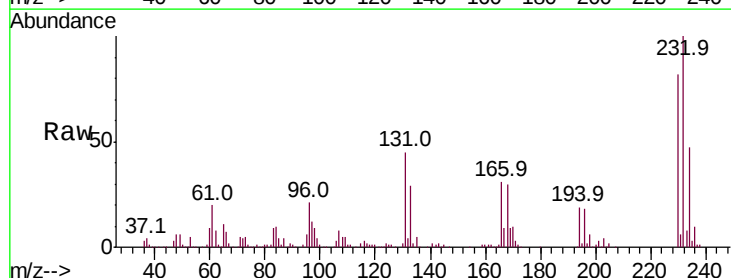
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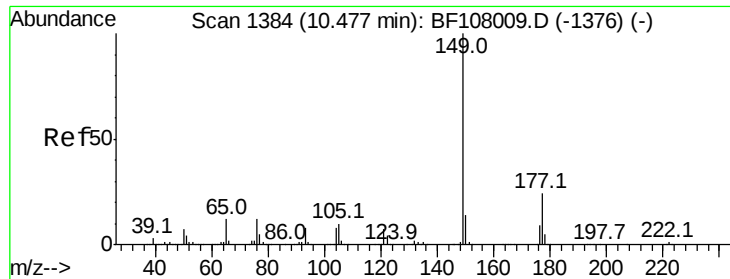
Sohil
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.251 ng
 RT: 10.37 min Scan# 1366
 Delta R.T. -0.00 min
 Lab File: BF108462.D
 Acq: 24 Aug 2018 14:42

Tgt Ion	Ratio	Lower	Upper
232	100		
131	43.7	43.8	65.8#
130	2.2	2.1	3.1
166	31.7	27.8	41.6





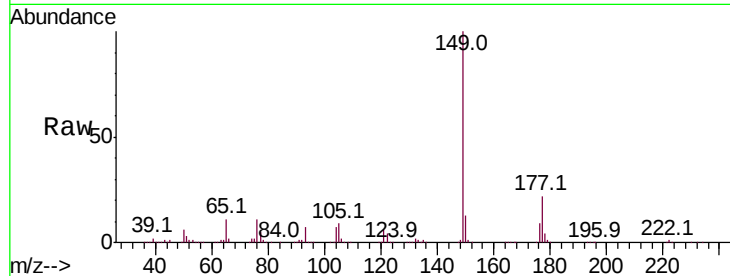
#59
Diethylphthalate
Concen: 42.941 ng
RT: 10.46 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Instrument :
BNA_F
ClientSampleId :
PB112334BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	808505		
177	22.4	16.1	24.1	
150	12.8	10.1	15.1	

Manual Integrations
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8/27/2018 12:56:30 PM

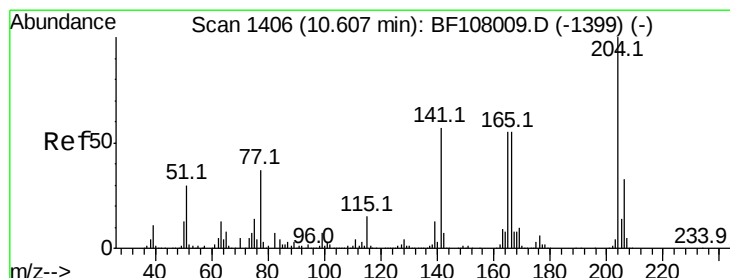
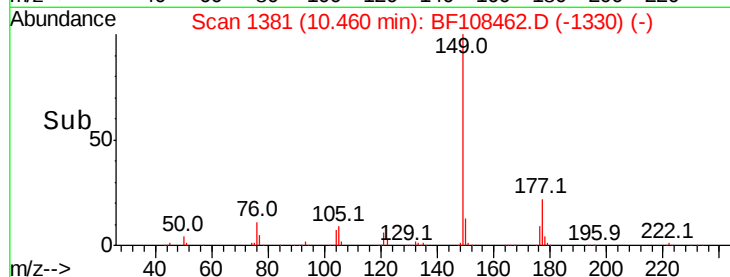
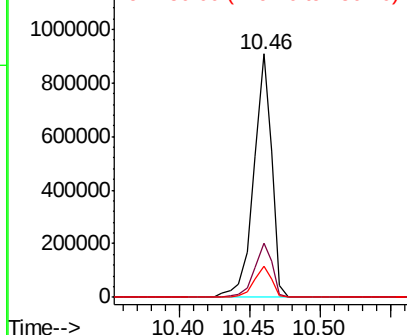


Abundance

Ion 149.00 (148.70 to 149.70): E

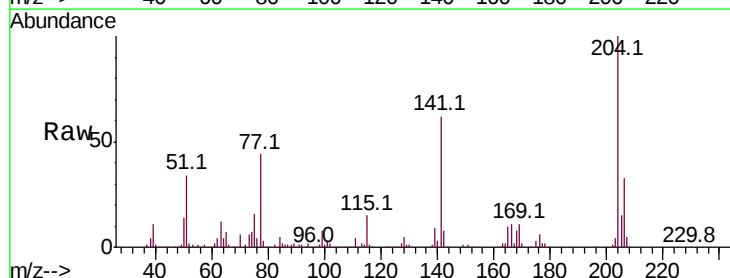
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60
4-Chlorophenyl-phenylether
Concen: 42.815 ng
RT: 10.58 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	403001		
206	33.2	26.5	39.7	
141	62.2	54.6	81.8	

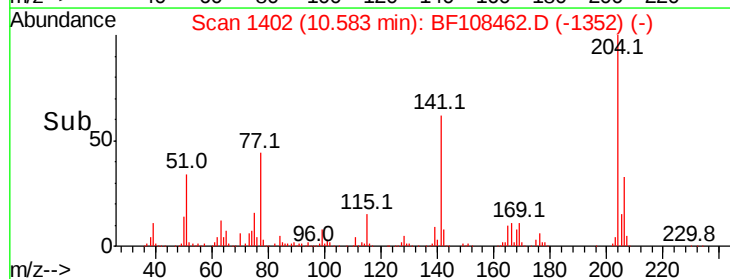
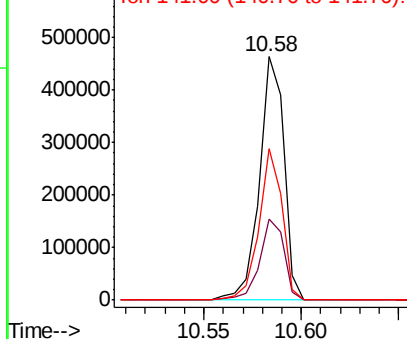


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





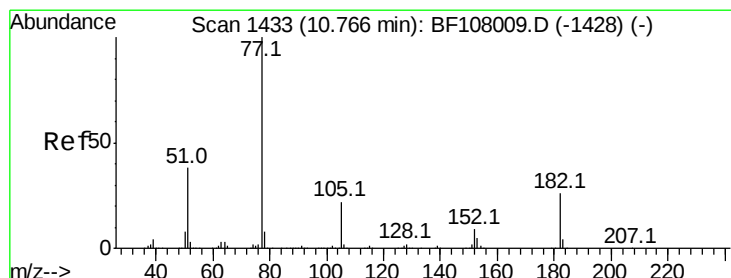
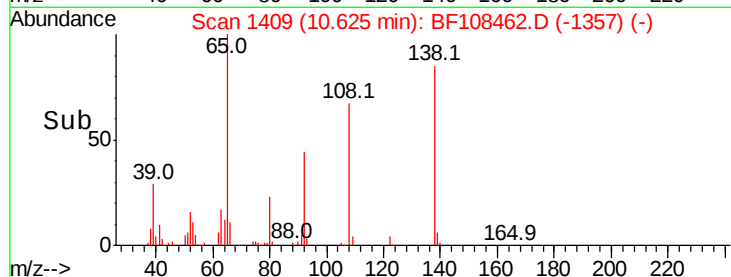
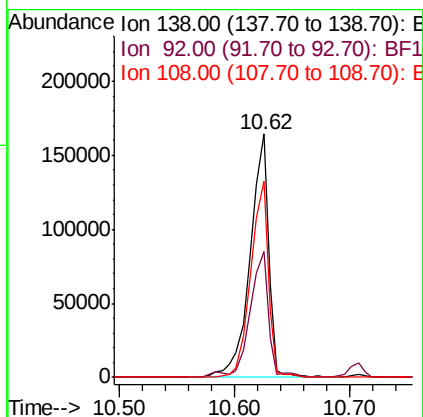
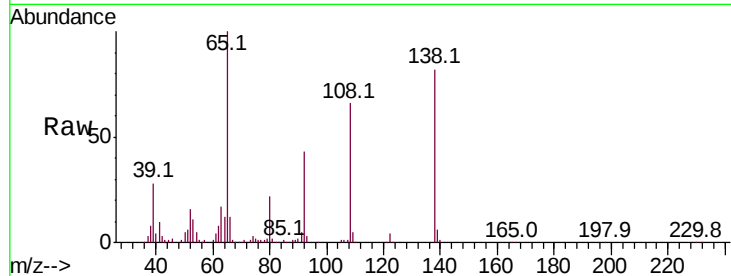
#61
4-Nitroaniline
Concen: 41.881 ng
RT: 10.62 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Instrument :
BNA_F
ClientSampleId :
PB112334BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.8	30.2	70.2
108	80.7	52.5	92.5

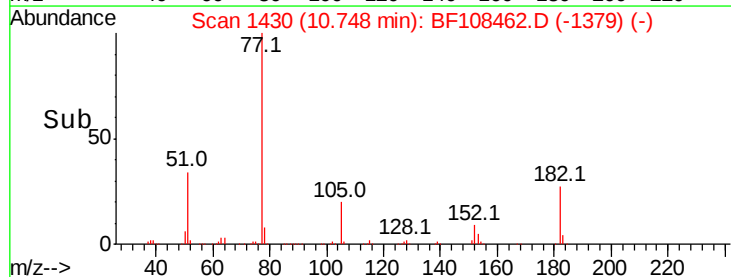
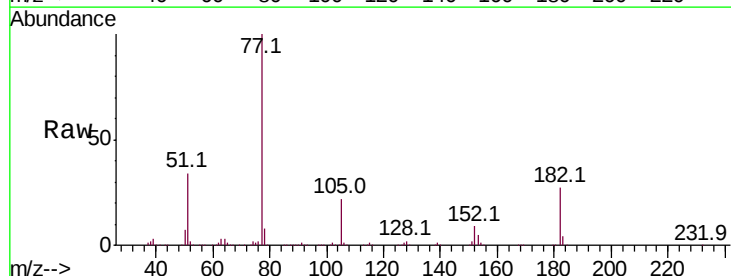
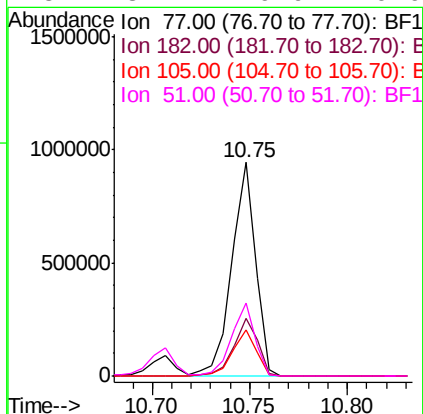
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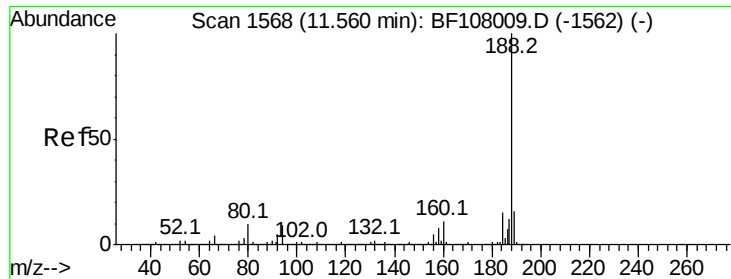
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#62
Azobenzene
Concen: 41.310 ng
RT: 10.75 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.9	1.7	41.7
105	21.7	3.0	43.0
51	34.1	9.9	49.9





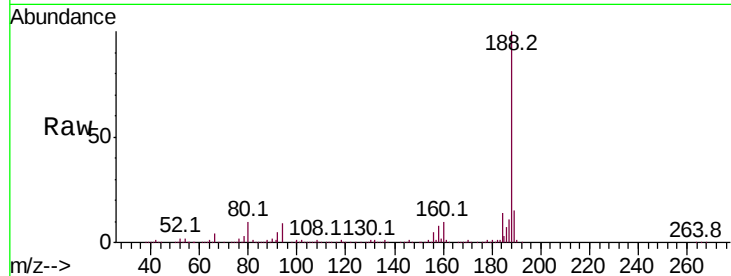
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Instrument :
BNA_F
ClientSampleId :
PB112334BS

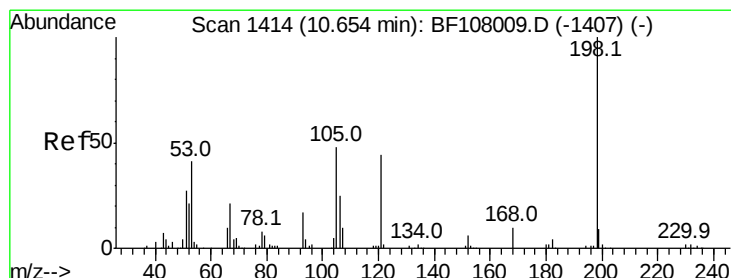
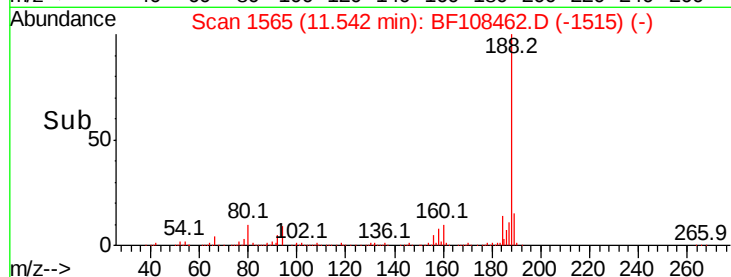
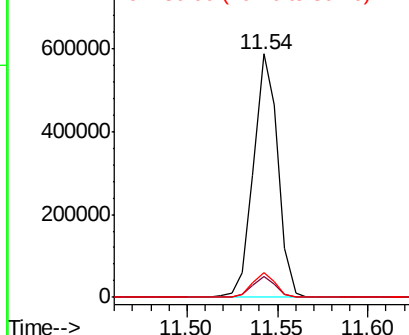
Tot Ion	Ratio	Resp	Lower	Upper
188	100	547850		
94	8.7		8.5	12.7
80	10.1		9.2	13.8

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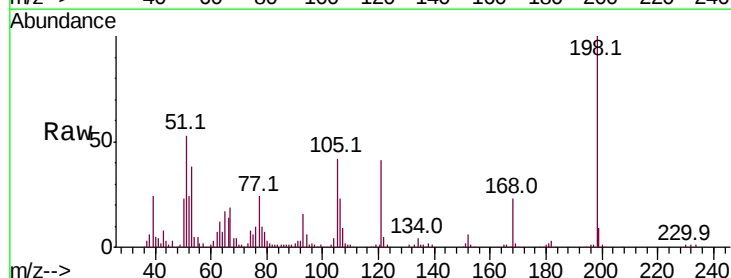


Abundance Ion 188.00 (187.70 to 188.70): E
800000
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

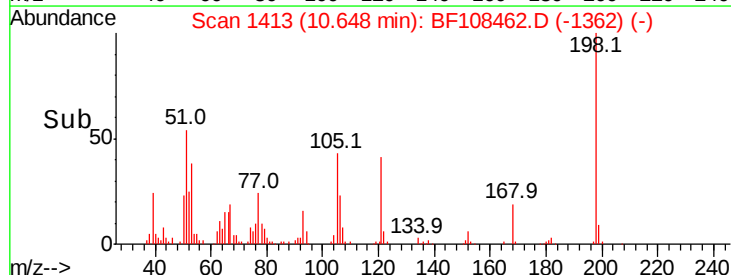
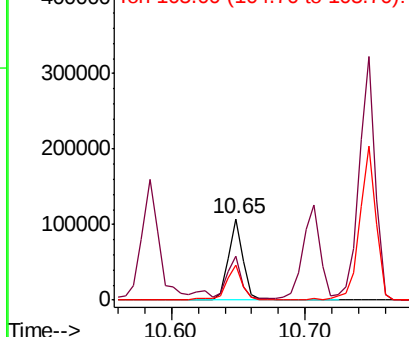


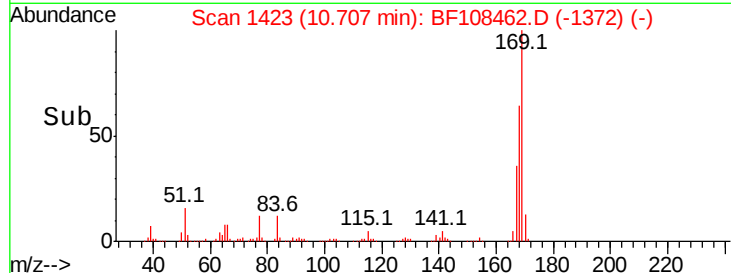
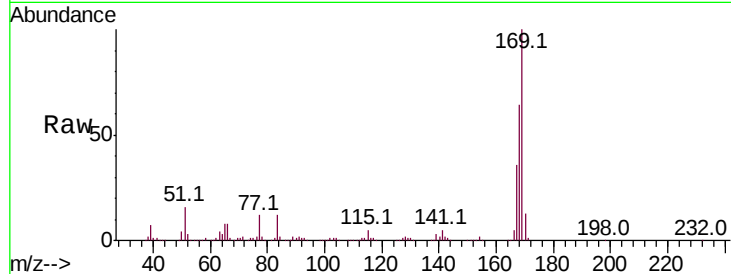
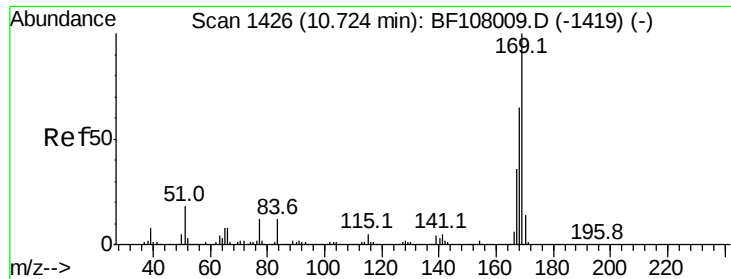
#64
4,6-Dinitro-2-methylphenol
Concen: 42.237 ng
RT: 10.65 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	85384		
51	53.5		37.7	77.7
105	42.5		36.3	76.3



Abundance Ion 198.00 (197.70 to 198.70): E
400000
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E





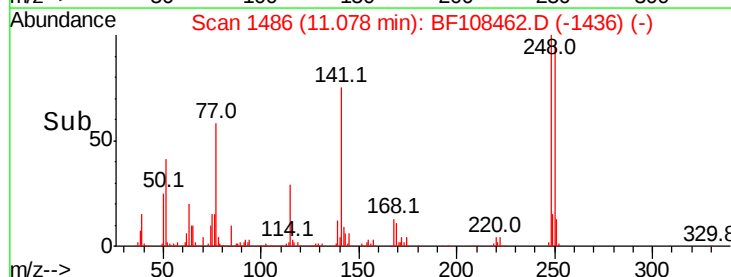
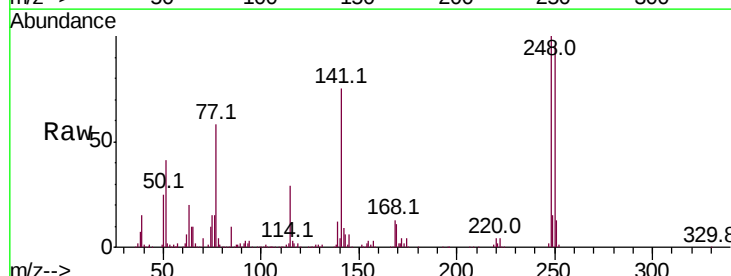
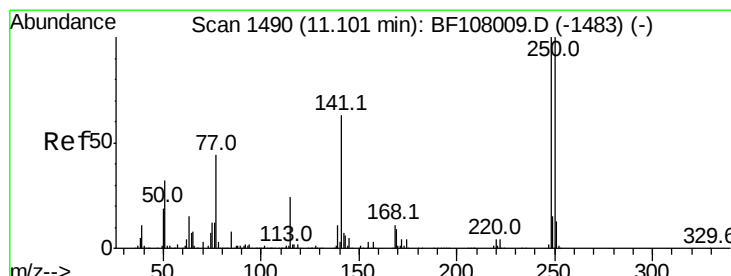
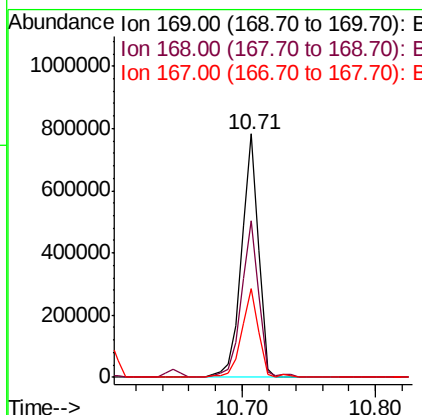
#65
n-Nitrosodiphenylamine
Concen: 42.626 ng
RT: 10.71 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Instrument :
BNA_F
ClientSampled :
PB112334BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	690086		
168	64.2		54.4	81.6
167	36.3		29.8	44.6

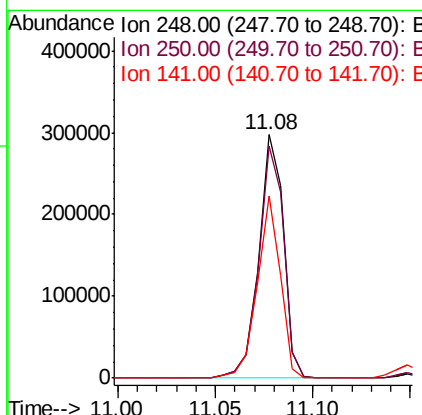
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#66
4-Bromophenyl-phenylether
Concen: 43.702 ng
RT: 11.08 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	260190		
250	95.3		76.9	115.3
141	75.0		74.4	111.6





#67

Hexachlorobenzene

Concen: 43.358 ng

RT: 11.15 min Scan# 1498

Delta R.T. -0.01 min

Lab File: BF108462.D

Acq: 24 Aug 2018 14:42

Instrument :

BNA_F

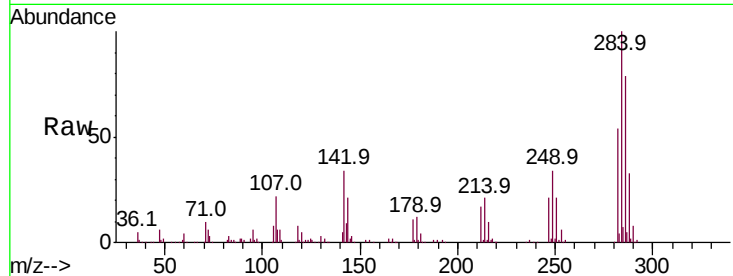
ClientSampleId :

PB112334BS

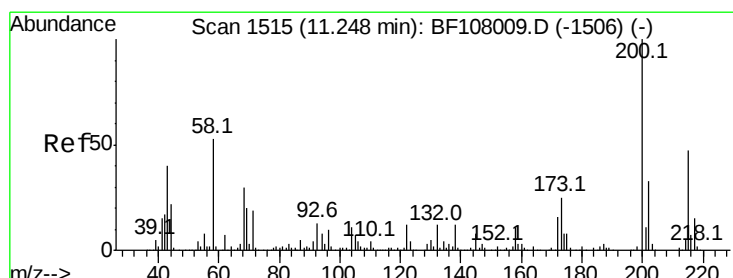
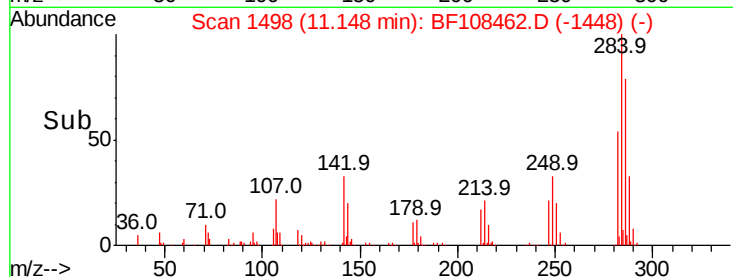
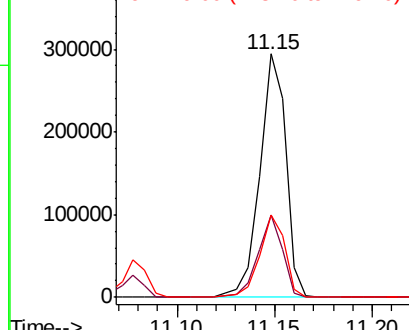
Tot Ion:	284	Resp:	271601
Ion Ratio		Lower	Upper
284	100		
142	33.8	34.6	52.0#
249	33.7	24.8	37.2

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



#68

Atrazine

Concen: 44.157 ng

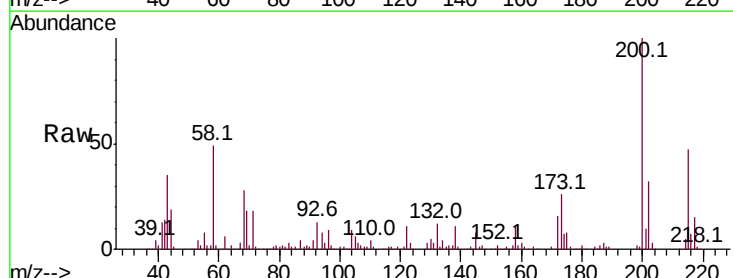
RT: 11.23 min Scan# 1512

Delta R.T. -0.00 min

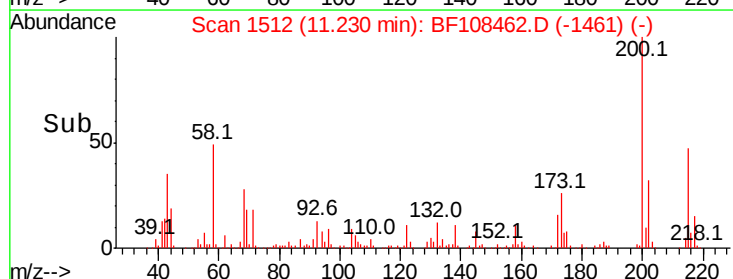
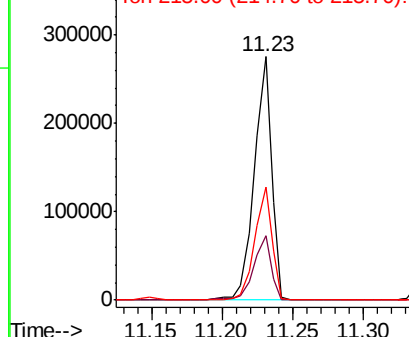
Lab File: BF108462.D

Acq: 24 Aug 2018 14:42

Tgt Ion:	200	Resp:	239773
Ion Ratio		Lower	Upper
200	100		
173	26.4	8.6	48.6
215	46.6	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





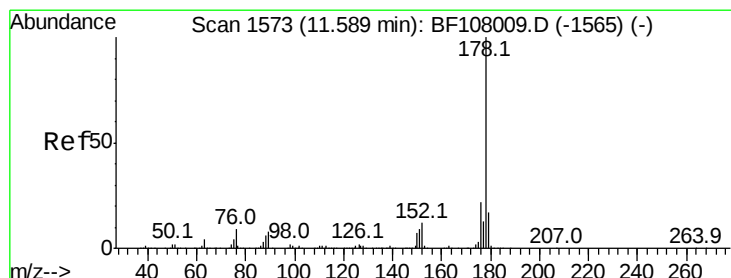
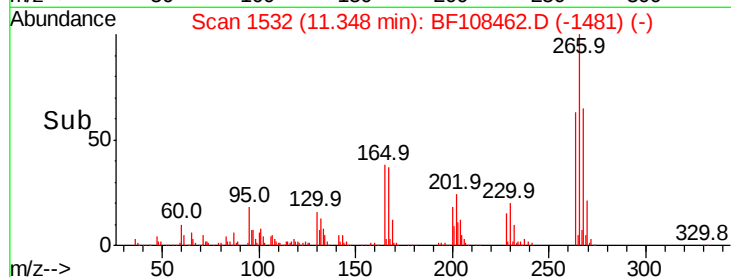
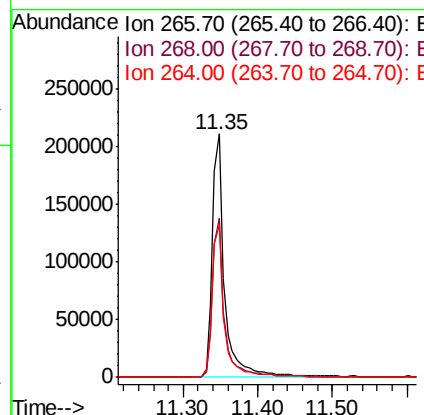
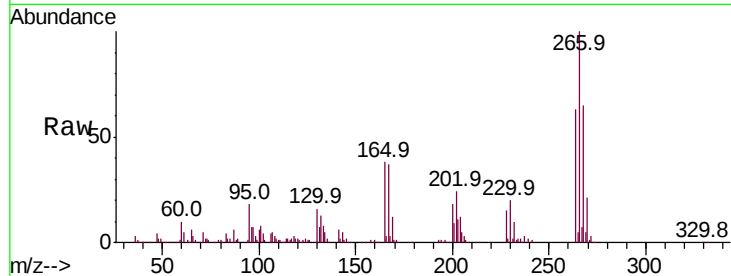
#69
 Pentachlorophenol
 Concen: 82.256 ng
 RT: 11.35 min Scan# 1532
 Delta R.T. -0.00 min
 Lab File: BF108462.D
 Acq: 24 Aug 2018 14:42

Instrument :
 BNA_F
 ClientSampleId :
 PB112334BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	246629		
268	65.3		51.1	76.7
264	62.6		49.5	74.3

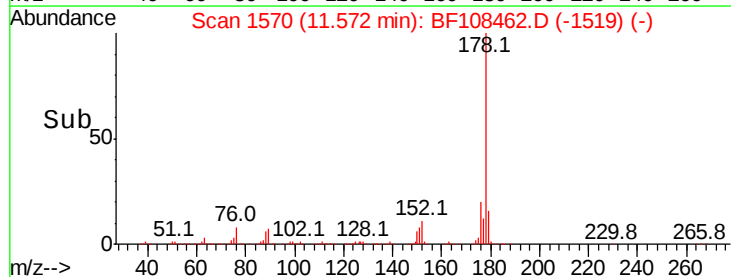
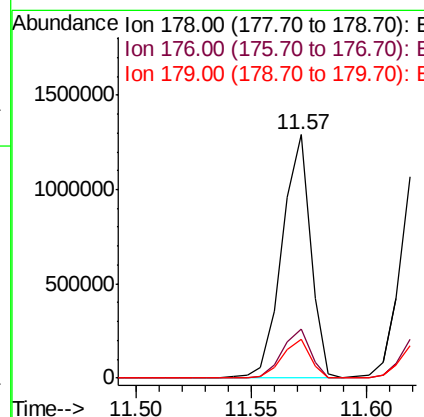
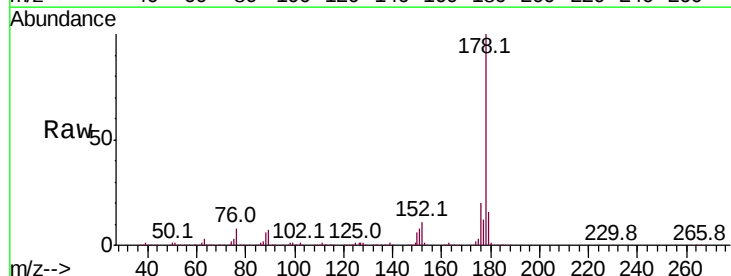
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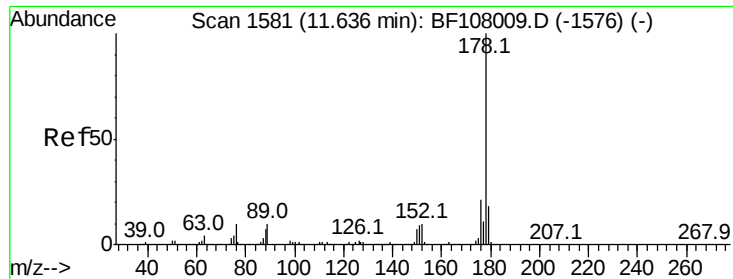
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#70
 Phenanthrene
 Concen: 42.794 ng
 RT: 11.57 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: BF108462.D
 Acq: 24 Aug 2018 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1105811		
176	20.3		15.8	23.8
179	15.9		13.0	19.6





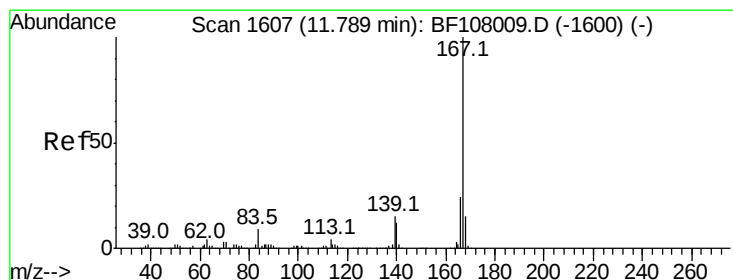
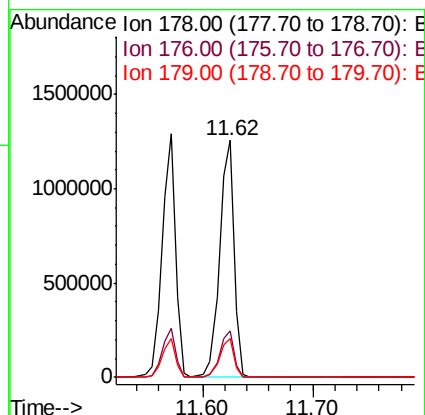
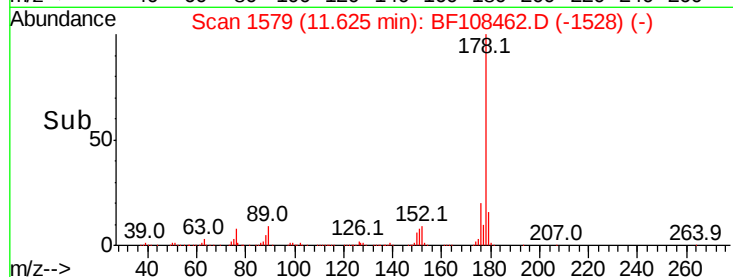
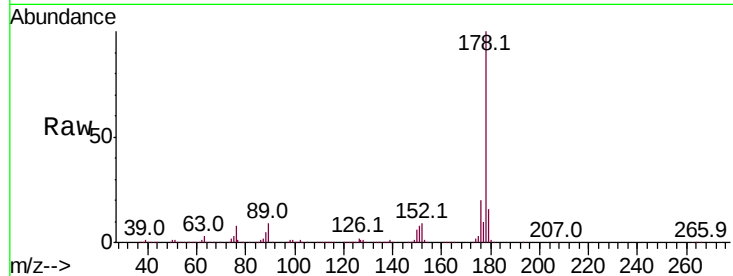
#71
 Anthracene
 Concen: 43.125 ng
 RT: 11.62 min Scan# 1579
 Delta R.T. -0.00 min
 Lab File: BF108462.D
 Acq: 24 Aug 2018 14:42

Instrument :
 BNA_F
 ClientSampleId :
 PB112334BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.4	23.2
179	16.2	12.6	19.0

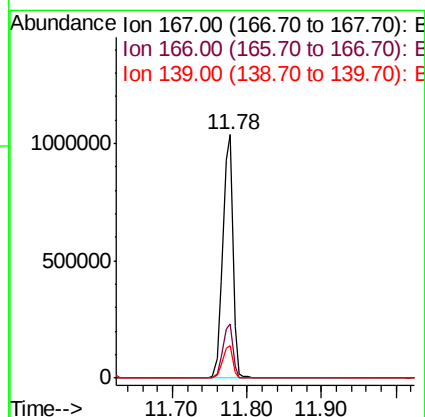
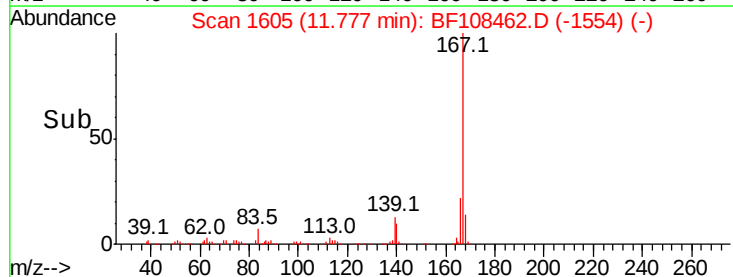
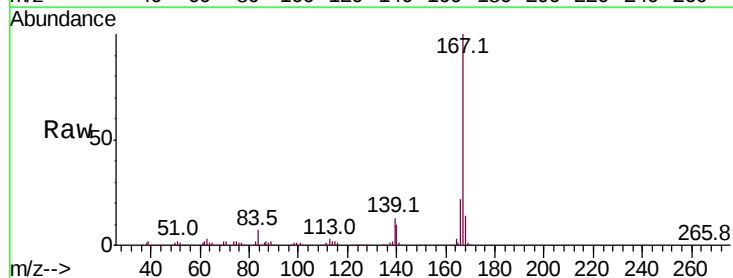
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#72
 Carbazole
 Concen: 41.206 ng
 RT: 11.78 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BF108462.D
 Acq: 24 Aug 2018 14:42

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.6	26.4
139	13.1	10.9	16.3





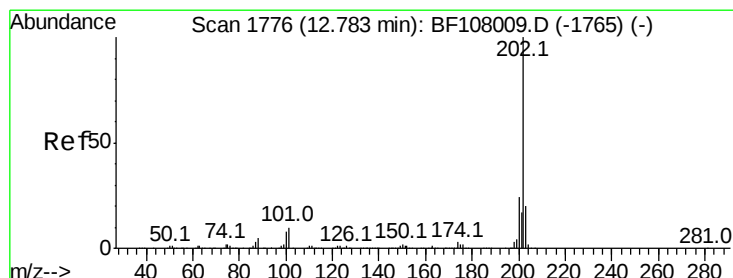
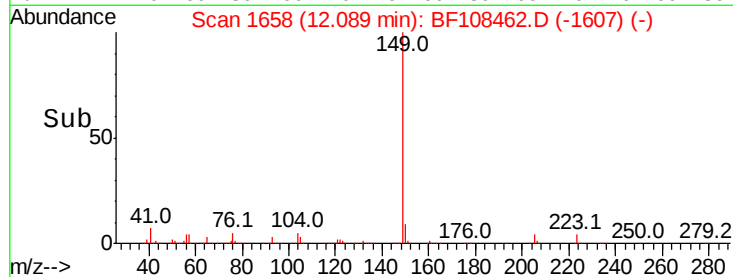
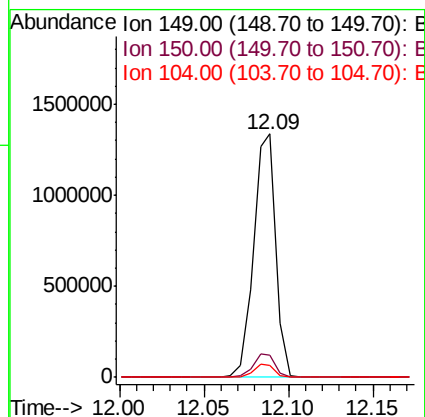
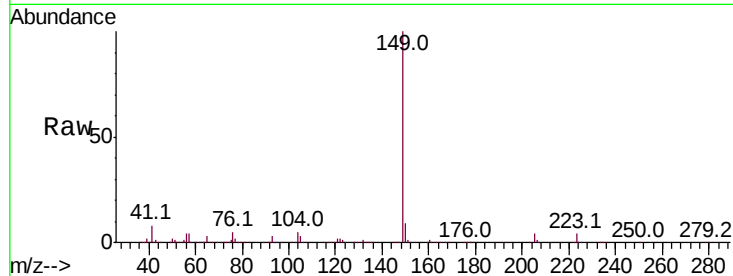
#73
Di-n-butylphthalate
Concen: 46.086 ng
RT: 12.09 min Scan# 1658
Delta R.T. -0.00 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Instrument :
BNA_F
ClientSampleId :
PB112334BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.8	11.6
104	5.0	3.8	5.8

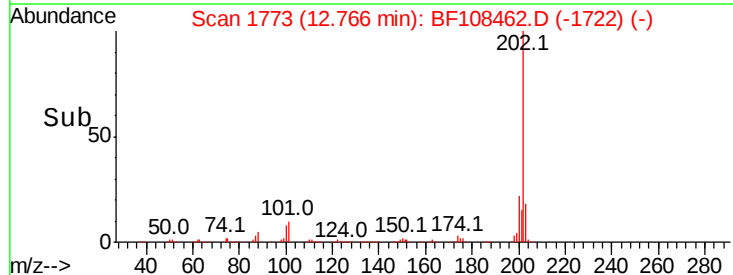
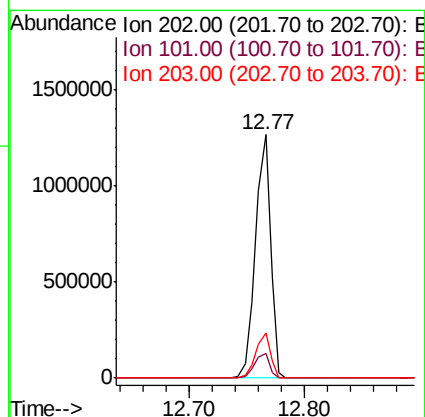
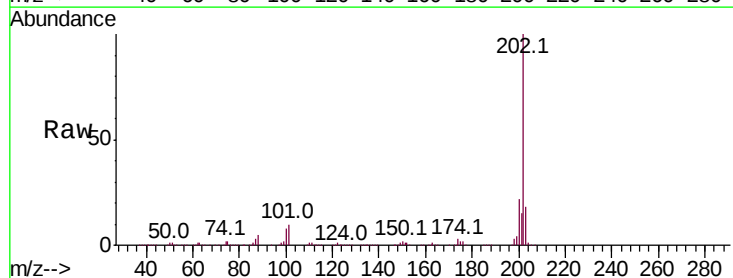
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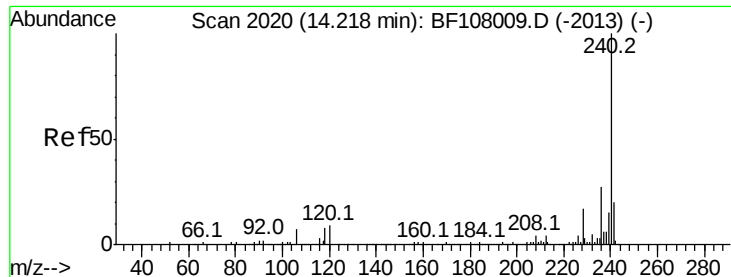
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#74
Fluoranthene
Concen: 41.104 ng
RT: 12.77 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	34.1
203	18.4	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: BF108462.D

Acq: 24 Aug 2018 14:42

Instrument :

BNA_F

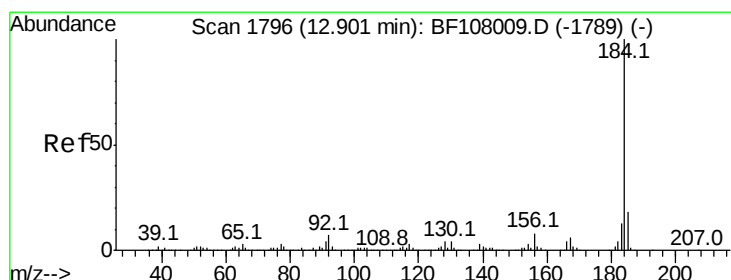
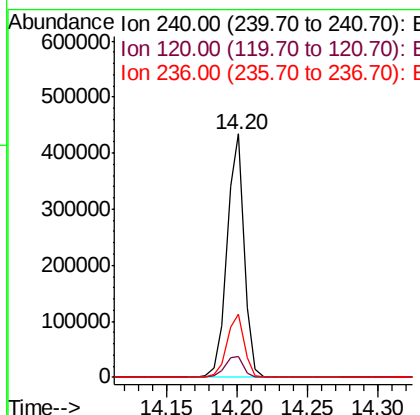
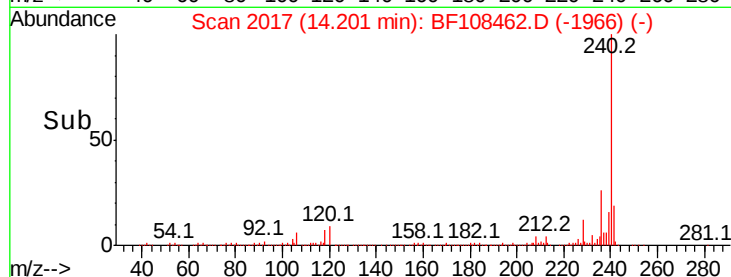
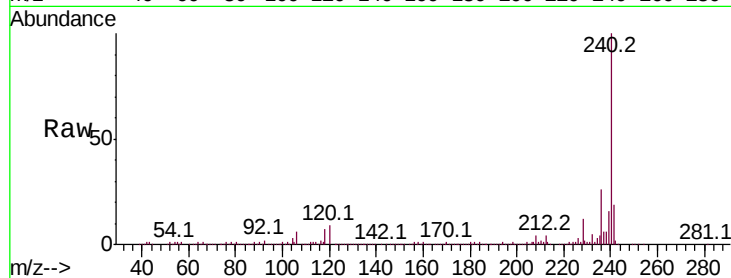
ClientSampleId :

PB112334BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.6	9.5	14.3#
236	26.0	20.7	31.1

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#76

Benzidine

Concen: 43.971 ng

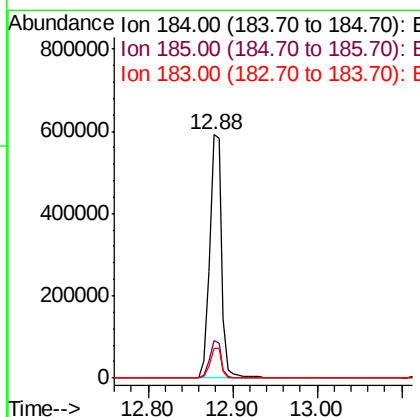
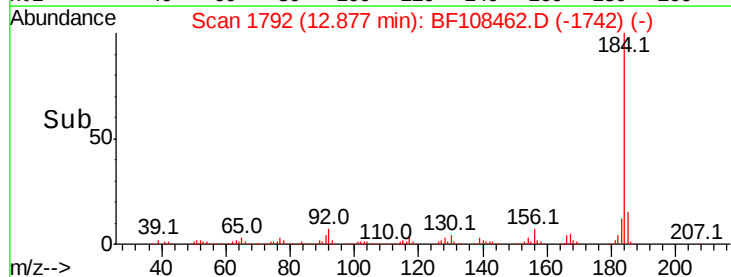
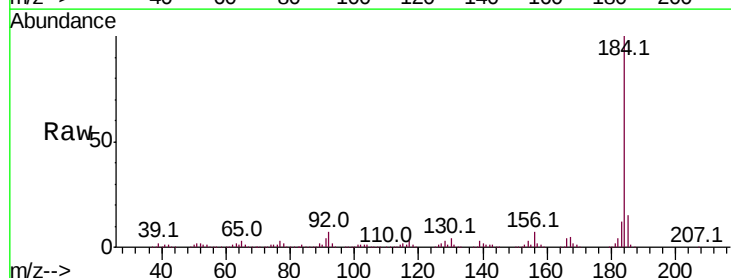
RT: 12.88 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF108462.D

Acq: 24 Aug 2018 14:42

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.4	12.6	18.8
183	12.0	9.3	13.9





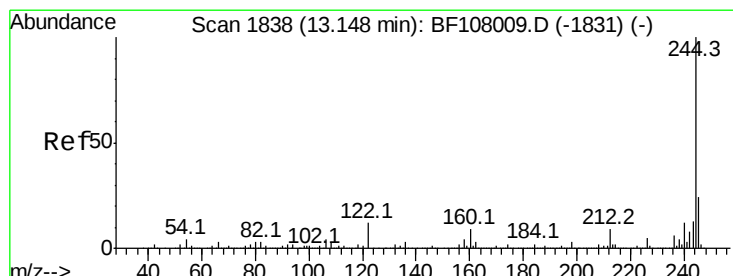
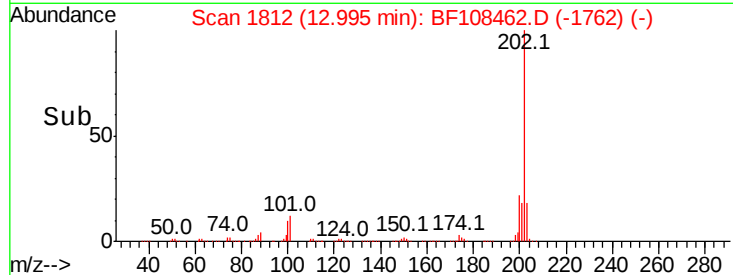
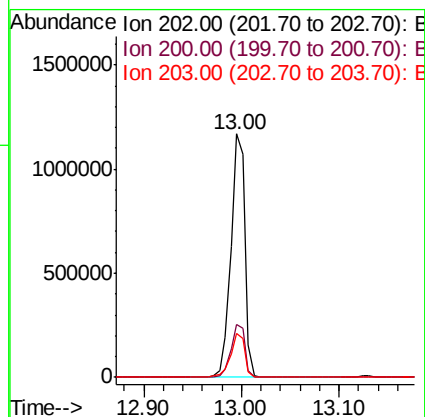
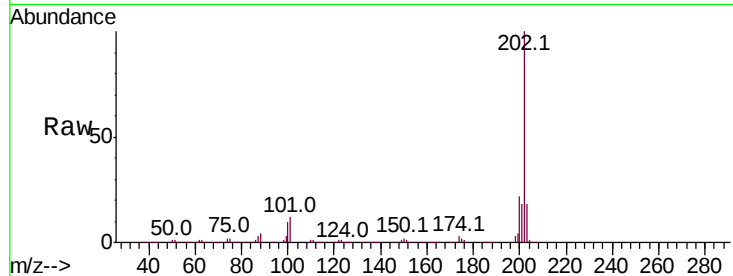
#77
Pvrene
Concen: 50.267 ng
RT: 13.00 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Instrument :
BNA_F
ClientSampleId :
PB112334BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	18.1	14.3	21.5

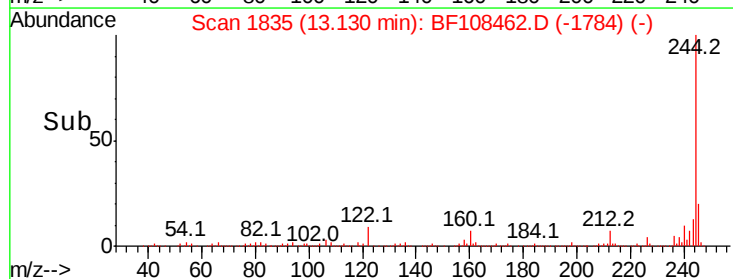
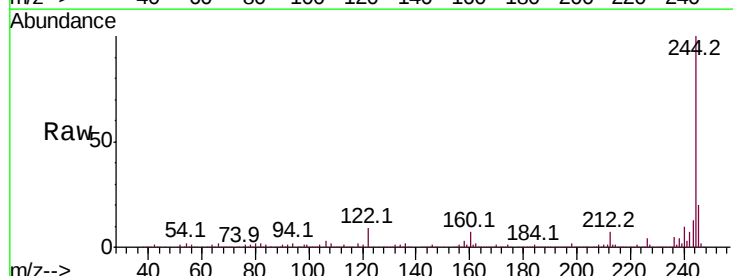
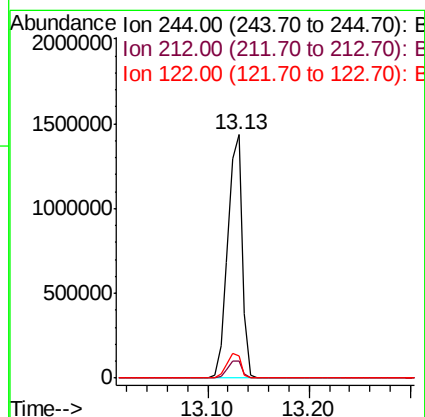
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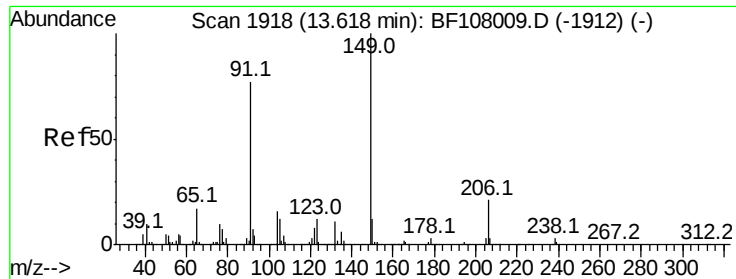
Sohil
8/27/2018 12:56:30 PM



#78
Terphenyl-d14
Concen: 99.569 ng
RT: 13.13 min Scan# 1835
Delta R.T. -0.00 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	9.2	11.0	16.4





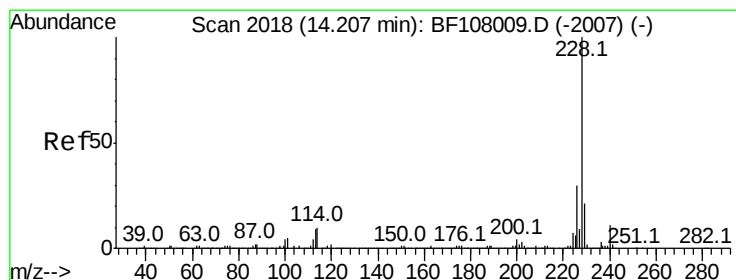
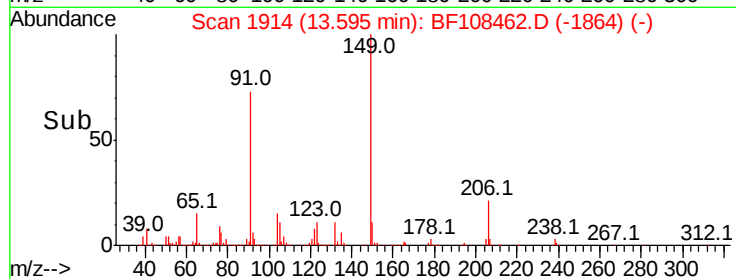
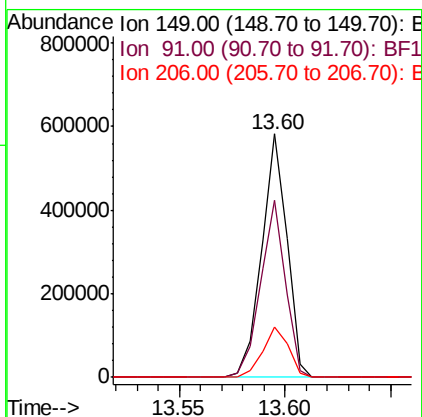
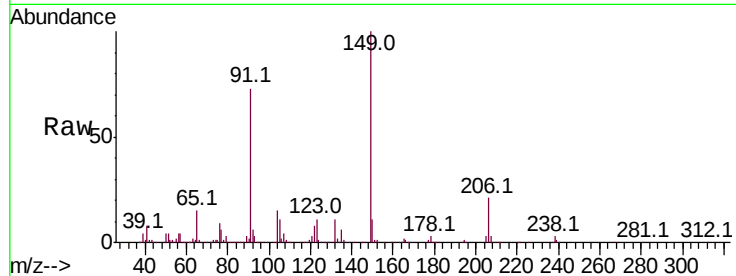
#79
Butylbenzylphthalate
Concen: 53.104 ng
RT: 13.60 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Instrument :
BNA_F
ClientSampleId :
PB112334BS

Tot Ion:	149	Resp:	485562
Ion Ratio	Lower	Upper	
149	100		
91	72.8	56.8	85.2
206	20.7	14.1	21.1

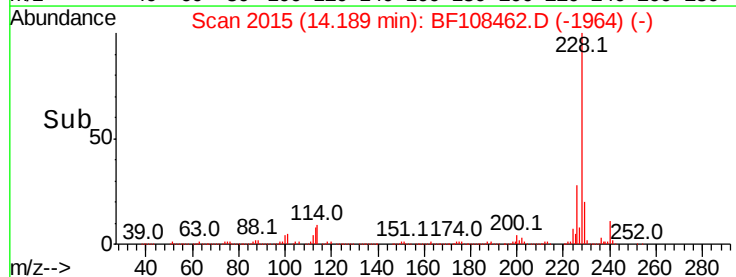
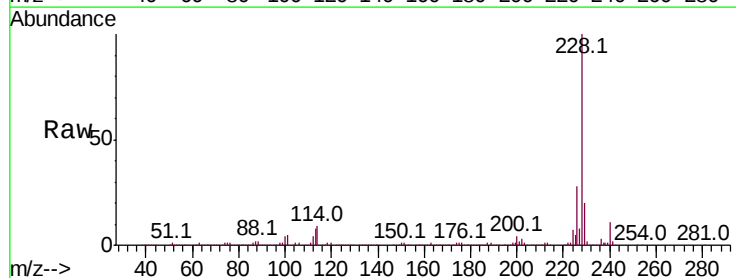
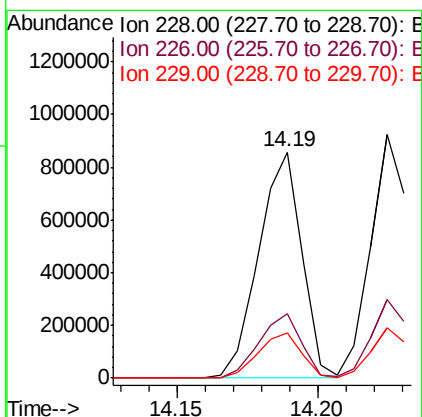
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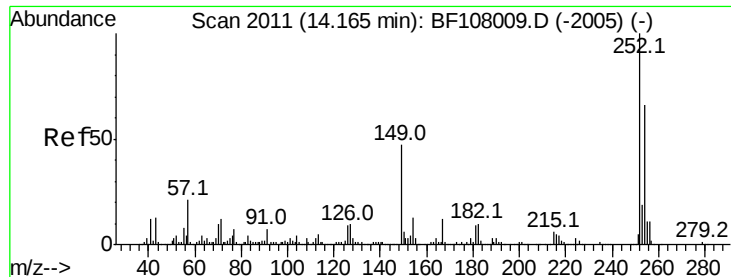
Sohil
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#80
Benzo(a)anthracene
Concen: 43.590 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Tgt Ion:	228	Resp:	909875
Ion Ratio	Lower	Upper	
228	100		
226	28.4	22.6	33.8
229	19.8	15.8	23.6





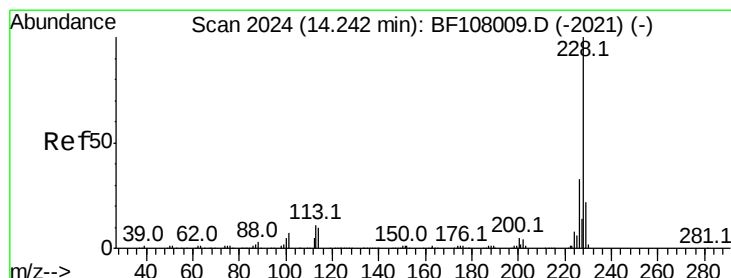
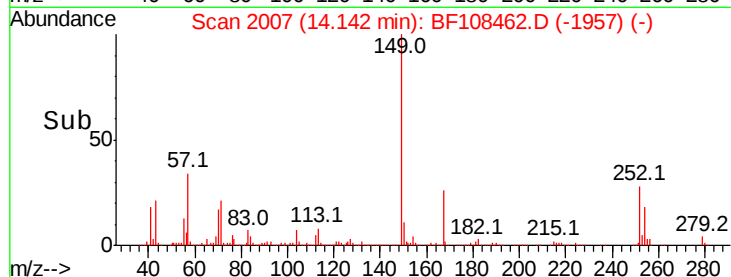
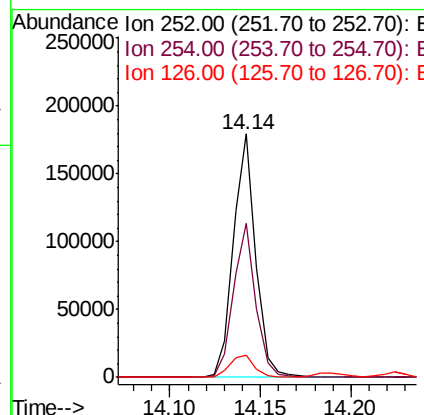
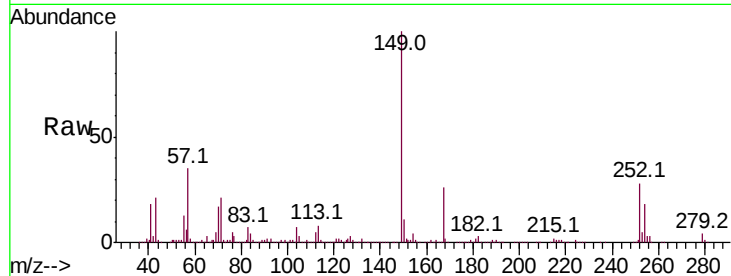
#81
 3,3'-Dichlorobenzidine
 Concen: 20.542 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF108462.D
 Acq: 24 Aug 2018 14:42

Instrument :
 BNA_F
 ClientSampleId :
 PB112334BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.0	50.4	75.6
126	8.9	11.3	16.9

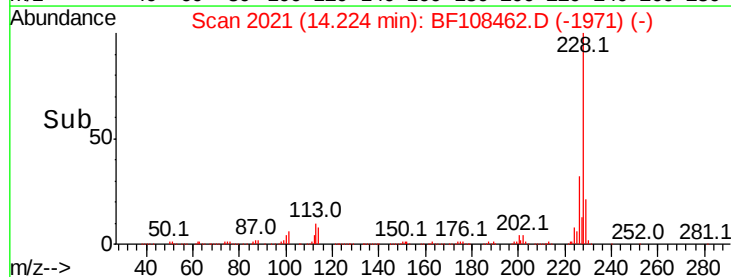
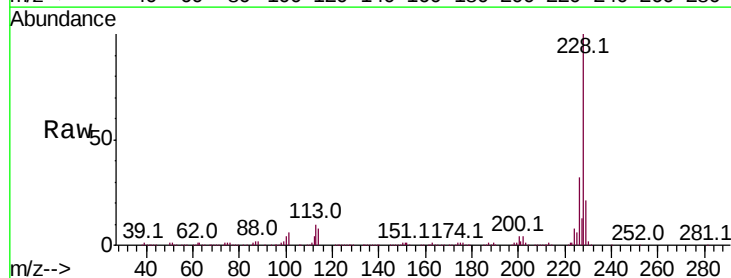
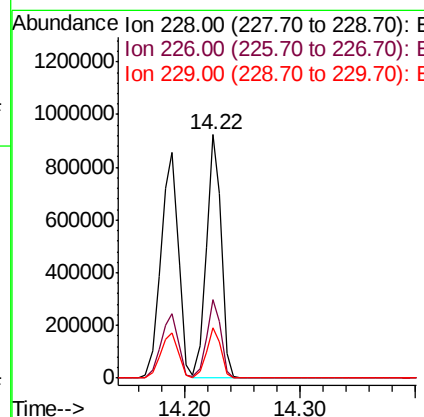
Manual Integrations
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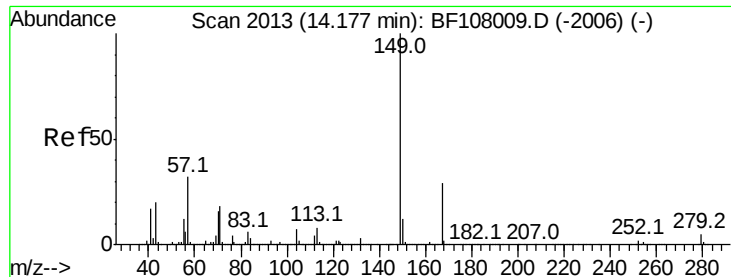
Sohil
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#82
 Chrysene
 Concen: 43.362 ng
 RT: 14.22 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF108462.D
 Acq: 24 Aug 2018 14:42

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	32.0	25.0	37.6
229	20.5	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 53.009 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BF108462.D

Acq: 24 Aug 2018 14:42

Instrument :

BNA_F

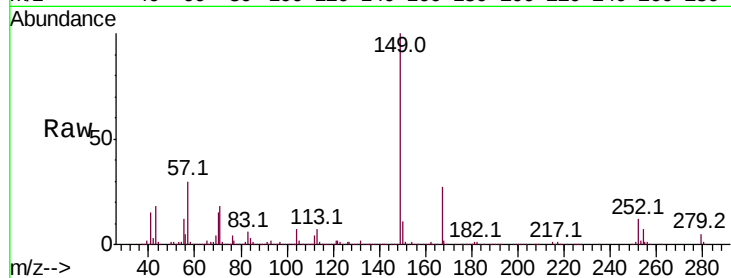
ClientSampleId :

PB112334BS

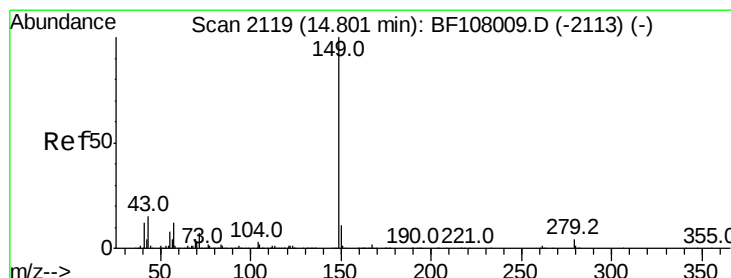
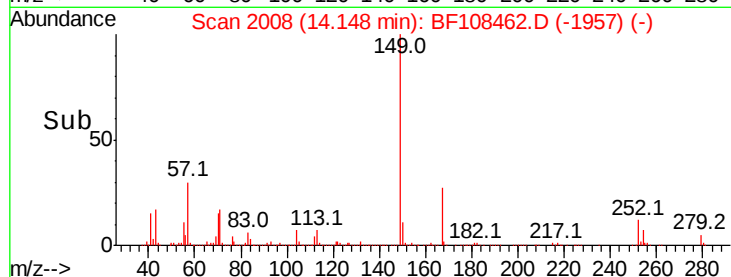
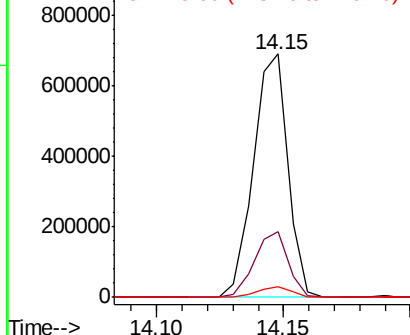
Tot Ion:	149	Resp:	656363
Ion Ratio	Lower	Upper	
149	100		
167	27.2	21.3	31.9
279	4.6	3.0	4.4#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 50.844 ng

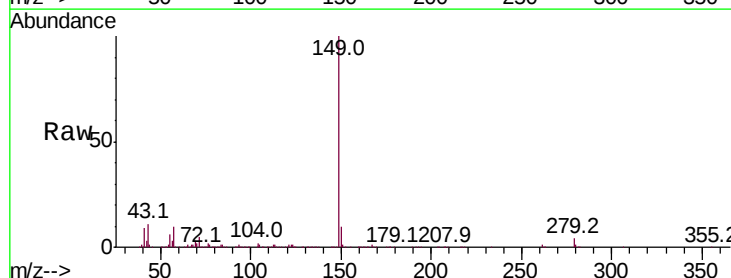
RT: 14.77 min Scan# 2114

Delta R.T. -0.01 min

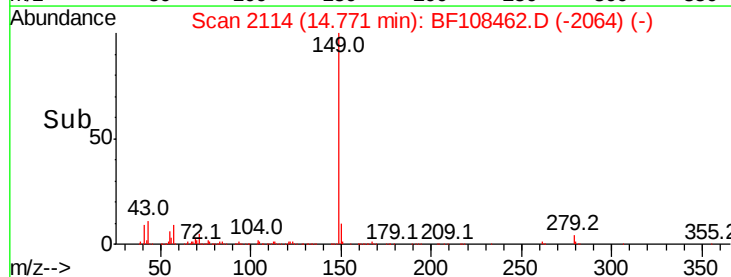
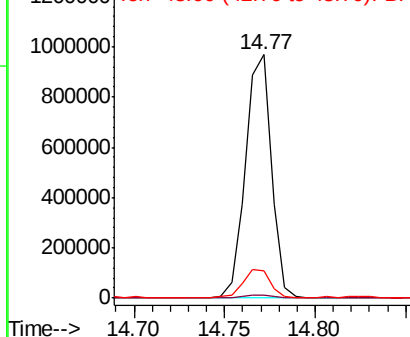
Lab File: BF108462.D

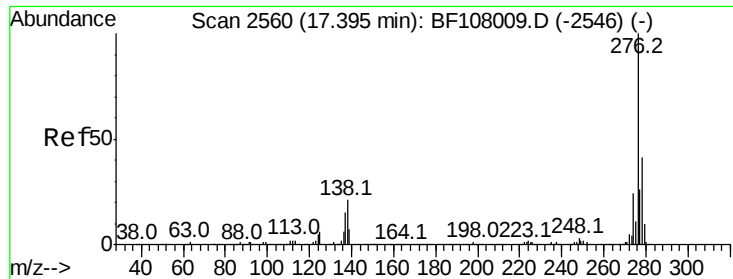
Acq: 24 Aug 2018 14:42

Tgt Ion:	149	Resp:	960123
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	11.8	8.4	12.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1





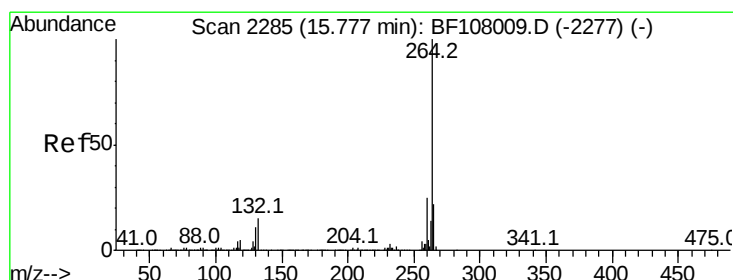
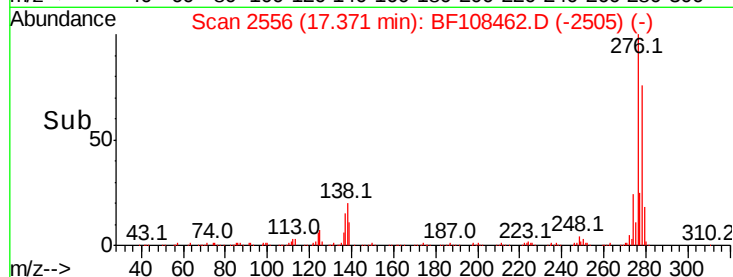
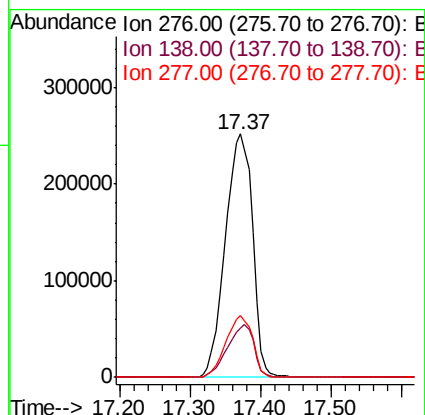
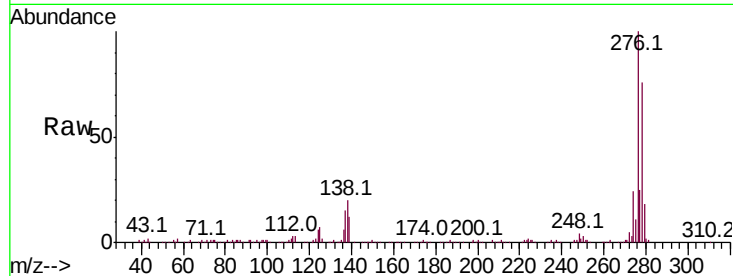
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.671 ng
RT: 17.37 min Scan# 2556
Delta R.T. -0.00 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Instrument :
BNA_F
ClientSampleId :
PB112334BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.1	25.0	37.6#
277	25.0	20.1	30.1

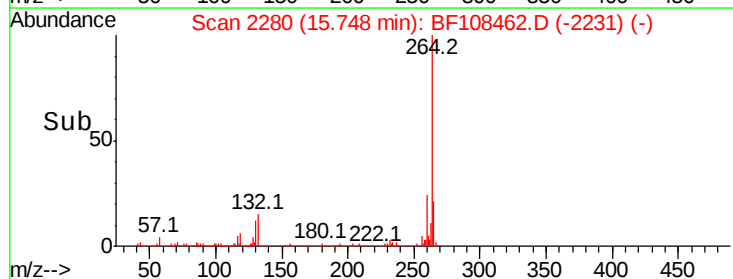
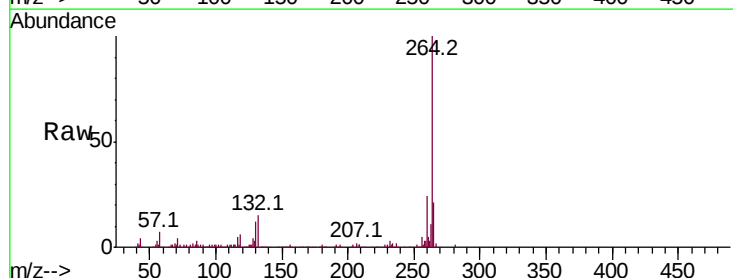
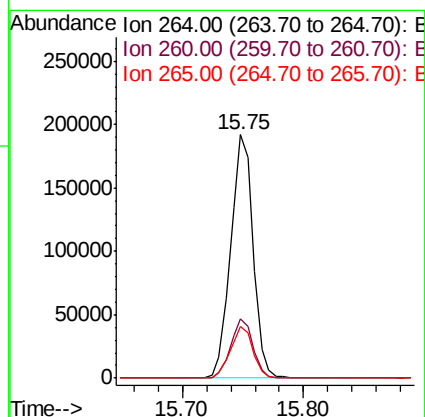
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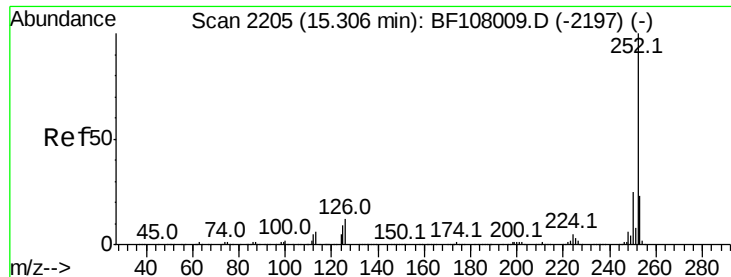
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.3	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 45.197 ng

RT: 15.28 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BF108462.D

Acq: 24 Aug 2018 14:42

Instrument :

BNA_F

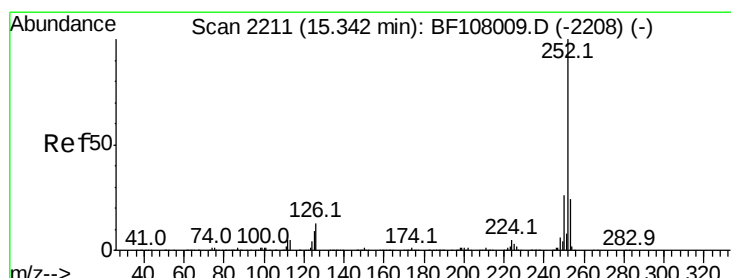
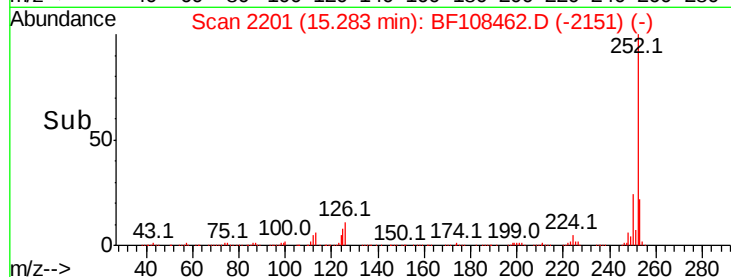
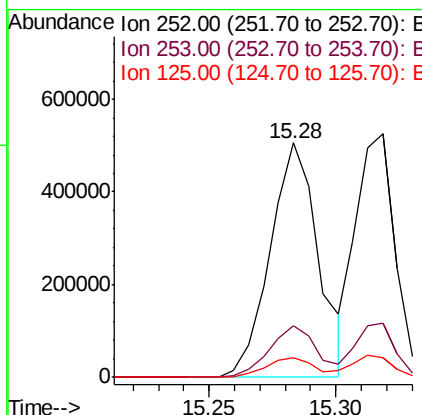
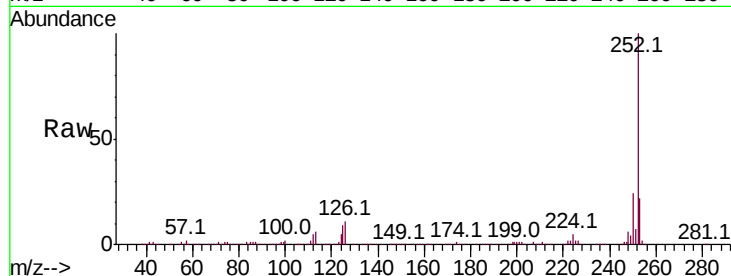
ClientSampleId :

PB112334BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	668869		
253	21.9		17.0	25.6
125	8.6		9.0	13.6#

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#88

Benzo(k)fluoranthene

Concen: 41.670 ng

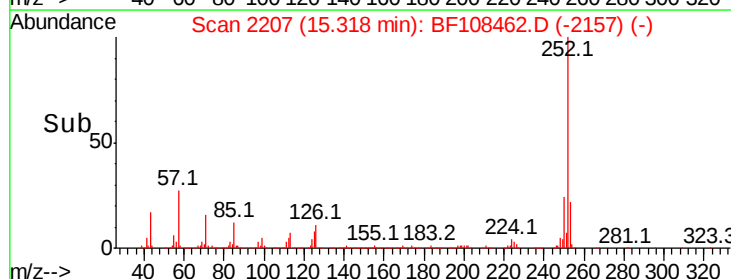
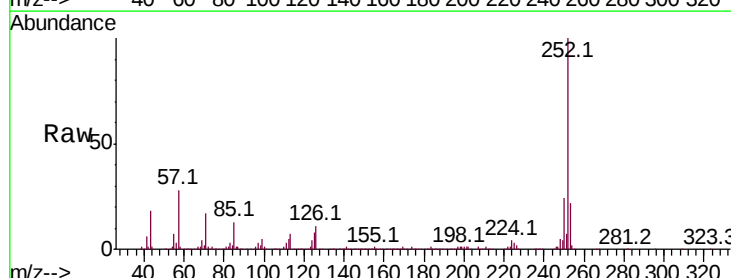
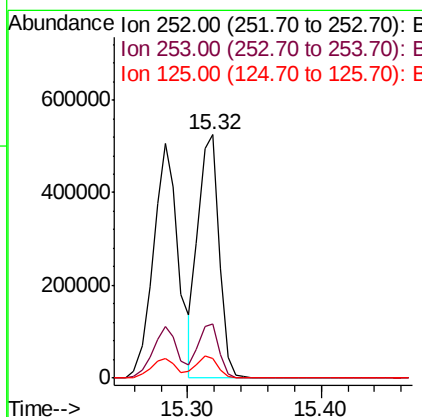
RT: 15.32 min Scan# 2207

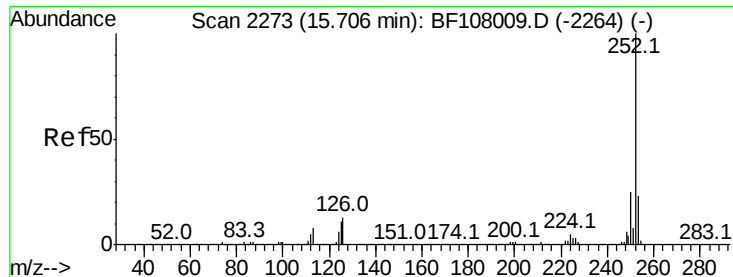
Delta R.T. -0.01 min

Lab File: BF108462.D

Acq: 24 Aug 2018 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	566877		
253	22.0		17.9	26.9
125	7.8		10.2	15.2#





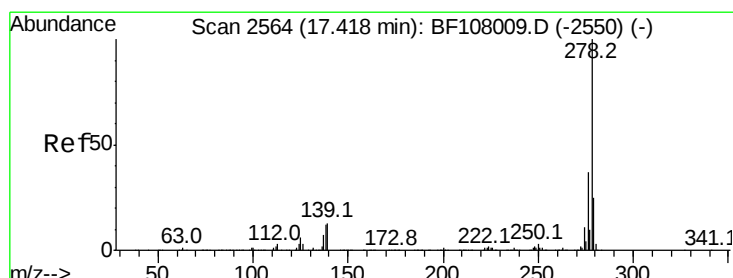
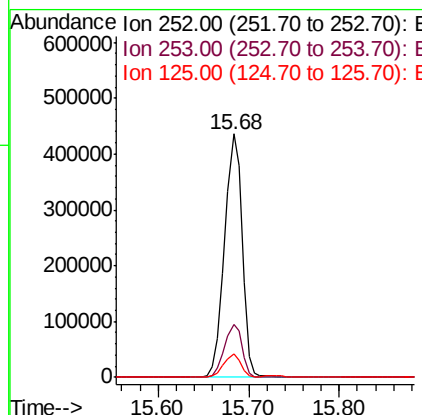
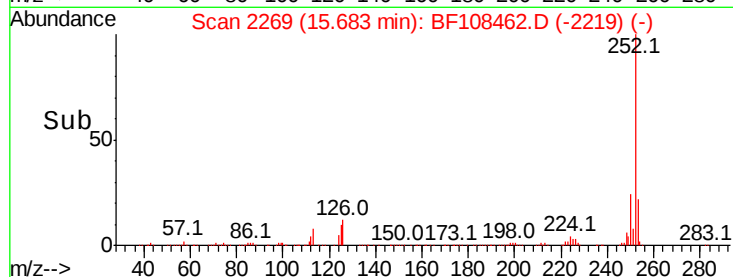
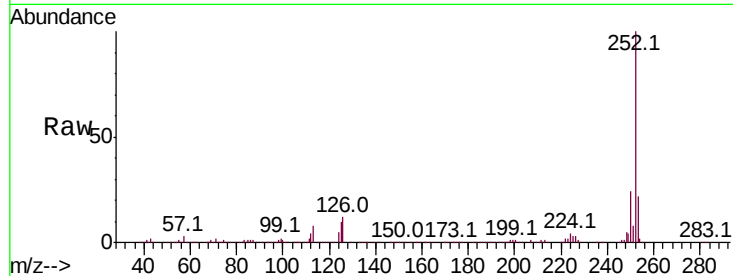
#89
Benzo(a)pyrene
Concen: 44.126 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Instrument :
BNA_F
ClientSampleId :
PB112334BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	9.7	9.8	14.6

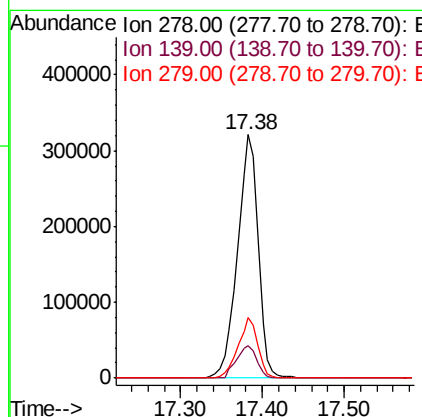
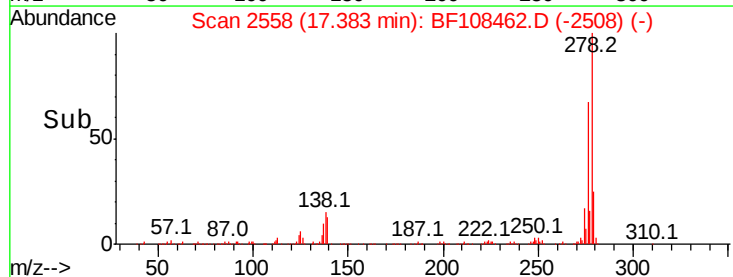
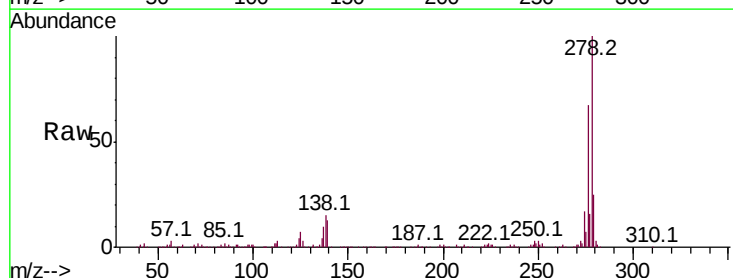
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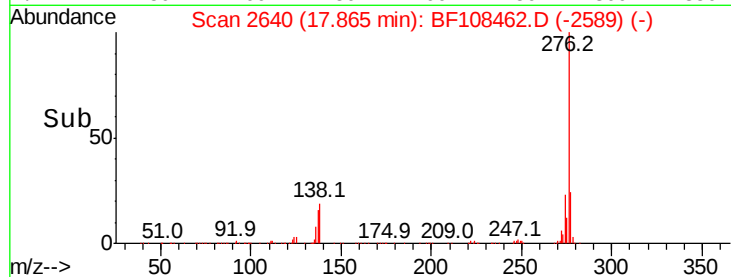
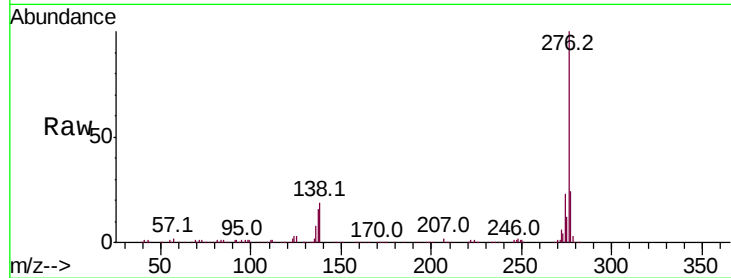
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 51.745 ng
RT: 17.38 min Scan# 2558
Delta R.T. -0.01 min
Lab File: BF108462.D
Acq: 24 Aug 2018 14:42

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.2	15.9	23.9
279	24.9	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 52.604 ng

RT: 17.87 min Scan# 2640

Delta R.T. -0.00 min

Lab File: BF108462.D

Acq: 24 Aug 2018 14:42

Instrument :

BNA_F

ClientSampleId :

PB112334BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.9	26.9
138	18.7	21.8	32.8

Manual Integrations
APPROVED

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