

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082818\
 Data File : BF108591.D
 Acq On : 29 Aug 2018 7:52
 Operator : JU/SJ
 Sample : PB112433BSD
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112433BSD

Manual Integrations
 APPROVED

Sohil
 8/29/2018 4:19:51 PM

Quant Time: Aug 29 08:51:28 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	97978	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	344044	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	148389	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	265430	20.00	ng	0.00
75) Chrysene-d12	14.19	240	273245	20.00	ng	0.00
86) Perylene-d12	15.75	264	235985	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	379481	70.12	ng	0.01
7) Phenol-d6	6.63	99	496771	69.08	ng	0.00
23) Nitrobenzene-d5	7.57	82	488131	79.17	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	109475	73.96	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	866076	93.70	ng	-0.01
78) Terphenyl-d14	13.12	244	800132	74.45	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.97	88	82009	29.491	ng	# 86
3) Pyridine	3.73	79	214728	29.976	ng	# 84
4) n-Nitrosodimethylamine	3.70	42	116595	28.927	ng	# 81
6) Aniline	6.67	93	134918	13.792	ng	# 69
8) 2-Chlorophenol	6.79	128	217721	35.720	ng	# 93
9) Benzaldehyde	6.56	77	125453	22.500	ng	# 99
10) Phenol	6.65	94	244007	32.802	ng	# 90
11) bis(2-Chloroethyl)ether	6.73	93	189365	31.488	ng	# 92
12) 1,3-Dichlorobenzene	6.94	146	254439	36.103	ng	# 99
13) 1,4-Dichlorobenzene	7.02	146	268579	37.930	ng	# 97
14) 1,2-Dichlorobenzene	7.17	146	246087	37.363	ng	# 98
15) Benzyl Alcohol	7.14	79	179808	29.700	ng	# 94
16) 2,2'-oxybis(1-Chloropropan	7.27	45	391329	31.586	ng	# 83
17) 2-Methylphenol	7.25	107	169495	32.427	ng	# 92
18) Hexachloroethane	7.51	117	87301	34.631	ng	# 92
19) n-Nitroso-di-n-propylamine	7.40	70	157321	32.350	ng	# 92
20) 3+4-Methylphenols	7.41	107	217898	32.531	ng	# 26
22) Acetophenone	7.41	105	314787	39.130	ng	# 89
24) Nitrobenzene	7.58	77	231984	37.209	ng	# 96
25) Isophorone	7.81	82	404663	34.434	ng	# 96
26) 2-Nitrophenol	7.90	139	98868	41.991	ng	# 95
27) 2,4-Dimethylphenol	7.93	122	176775	33.893	ng	# 97
28) bis(2-Chloroethoxy)methane	8.02	93	247834	36.125	ng	# 99
29) 2,4-Dichlorophenol	8.14	162	173243	36.093	ng	# 98
30) 1,2,4-Trichlorobenzene	8.22	180	201204	38.020	ng	# 98
31) Naphthalene	8.31	128	623134	39.826	ng	# 99
32) Benzoic acid	8.04	122	64806	24.721	ng	# 92
33) 4-Chloroaniline	8.36	127	66560	9.762	ng	# 100
34) Hexachlorobutadiene	8.41	225	132046	39.415	ng	# 99
35) Caprolactam	8.71	113	43035	28.611	ng	# 82
36) 4-Chloro-3-methylphenol	8.84	107	167097	32.270	ng	# 100
37) 2-Methylnaphthalene	8.99	142	394157	35.606	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	201339	44.184	ng	# 97
40) Hexachlorocyclopentadiene	9.14	237	67001	22.764	ng	# 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	111550	39.448	nq	98
43) 2,4,5-Trichlorophenol	9.32	196	119774	38.477	nq	96
45) 1,1'-Biphenyl	9.46	154	468683	42.838	nq	97
46) 2-Chloronaphthalene	9.49	162	352976	40.820	nq	97
47) 2-Nitroaniline	9.59	65	108247	38.689	nq	88
48) Acenaphthylene	9.91	152	544172	39.806	nq	100
49) Dimethylphthalate	9.75	163	402561	38.946	nq	# 99
50) 2,6-Dinitrotoluene	9.82	165	82934	38.349	nq	97
51) Acenaphthene	10.08	154	322994	38.575	nq	99
52) 3-Nitroaniline	10.01	138	47094	19.903	nq	98
53) 2,4-Dinitrophenol	10.11	184	19356	28.838	nq	# 31
54) Dibenzofuran	10.25	168	466598	38.464	nq	100
55) 4-Nitrophenol	10.17	139	102673	57.302	nq	84
56) 2,4-Dinitrotoluene	10.23	165	105569	37.924	nq	# 93
57) Fluorene	10.59	166	358130	37.294	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	96647	37.146	nq	# 82
59) Diethylphthalate	10.45	149	371911	37.157	nq	96
60) 4-Chlorophenyl-phenylether	10.58	204	187133	37.398	nq	90
61) 4-Nitroaniline	10.62	138	67728	28.951	nq	94
62) Azobenzene	10.74	77	364760	35.288	nq	94
64) 4,6-Dinitro-2-methylphenol	10.64	198	16727	20.270	nq	91
65) n-Nitrosodiphenylamine	10.70	169	313810	40.008	nq	96
66) 4-Bromophenyl-phenylether	11.07	248	112700	39.071	nq	90
67) Hexachlorobenzene	11.14	284	119697	39.439	nq	# 89
68) Atrazine	11.22	200	101226	38.477	nq	96
69) Pentachlorophenol	11.34	266	101251	69.700	nq	99
70) Phenanthrene	11.57	178	500798	40.002	nq	99
71) Anthracene	11.62	178	517294	40.314	nq	99
72) Carbazole	11.78	167	453678	39.795	nq	97
73) Di-n-butylphthalate	12.08	149	530335	41.070	nq	99
74) Fluoranthene	12.76	202	584905	42.808	nq	94
76) Benzidine	12.88	184	200998	19.688	nq	98
77) Pyrene	12.99	202	601957	34.797	nq	98
79) Butylbenzylphthalate	13.59	149	249253	36.285	nq	96
80) Benzo(a)anthracene	14.18	228	607592	38.746	nq	99
81) 3,3'-Dichlorobenzidine	14.14	252	170747	30.383	nq	# 97
82) Chrysene	14.22	228	567280	39.458	nq	98
83) Bis(2-ethylhexyl)phthalate	14.14	149	341339	36.694	nq	98
84) Di-n-octyl phthalate	14.77	149	640354	45.137	nq	98
85) Indeno(1,2,3-cd)pyrene	17.37	276	433002	34.760	nq	# 90
87) Benzo(b)fluoranthene	15.28	252	567246m	40.227	nq	
88) Benzo(k)fluoranthene	15.31	252	494046	38.114	nq	# 97
89) Benzo(a)pyrene	15.68	252	478266	37.876	nq	96
90) Dibenzo(a,h)anthracene	17.38	278	372913	35.693	nq	# 93
91) Benzo(g,h,i)perylene	17.86	276	339657	33.016	nq	# 90

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



#1

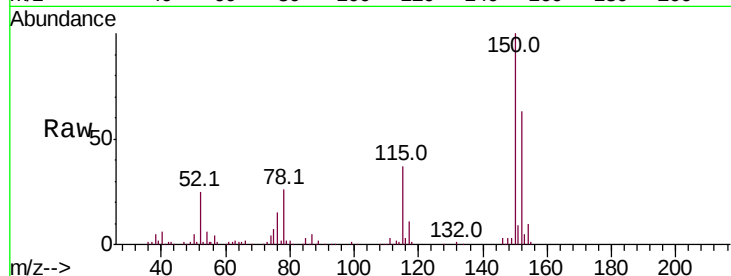
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Instrument :
BNA_F
ClientSampleId :
PB112433BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	124.6	186.8
115	59.4	50.1	75.1

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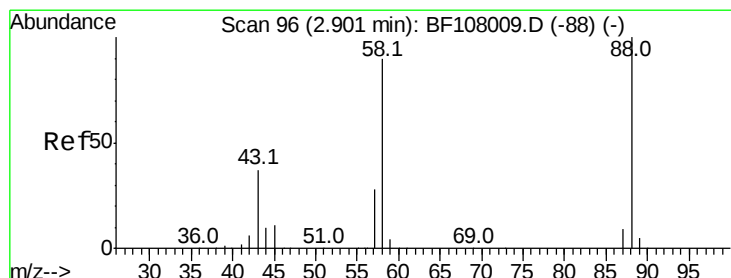
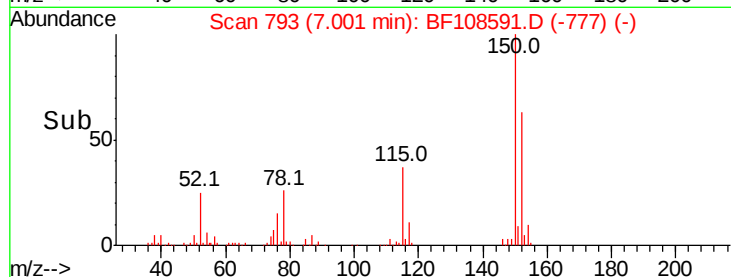
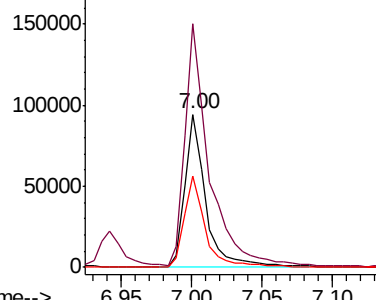


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

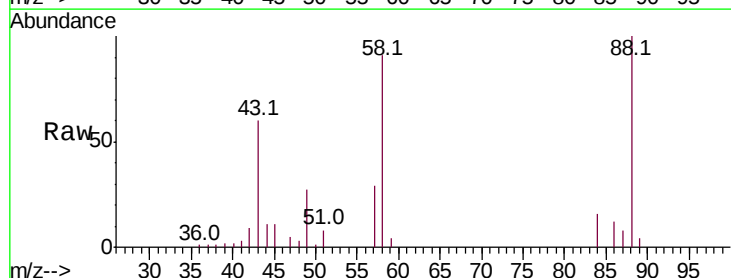
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 29.491 ng
RT: 2.97 min Scan# 107
Delta R.T. 0.09 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.3	62.6	93.8
43	43.4	24.6	37.0

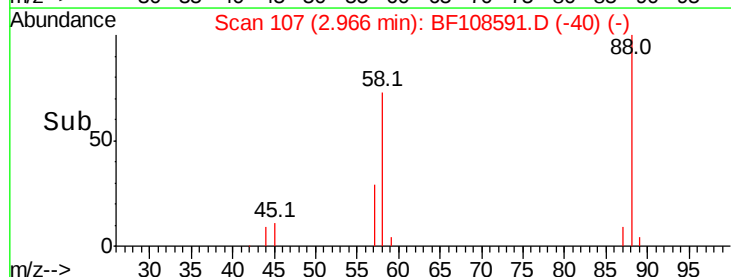
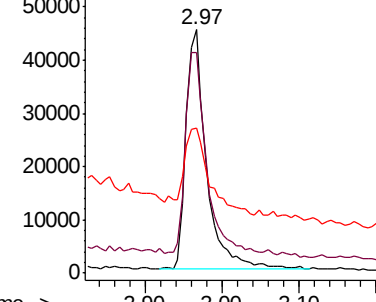


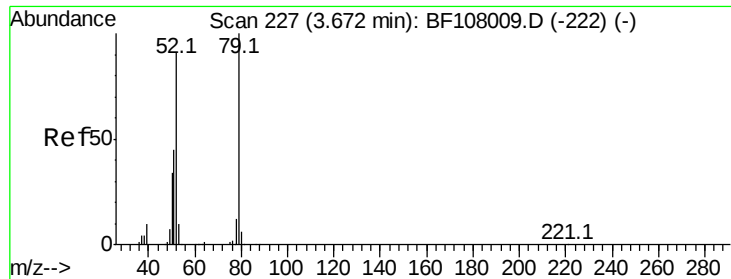
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 29.976 ng

RT: 3.73 min Scan# 237

Delta R.T. 0.07 min

Lab File: BF108591.D

Acq: 29 Aug 2018 7:52

Instrument :

BNA_F

ClientSampleId :

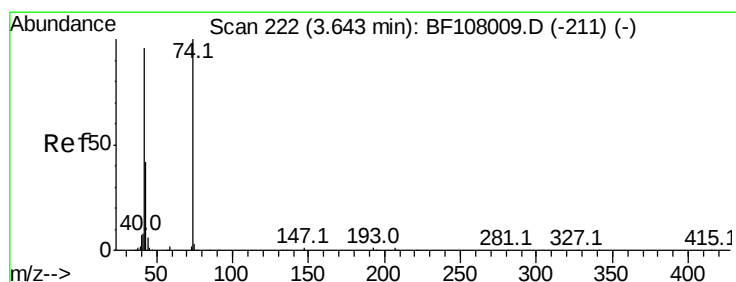
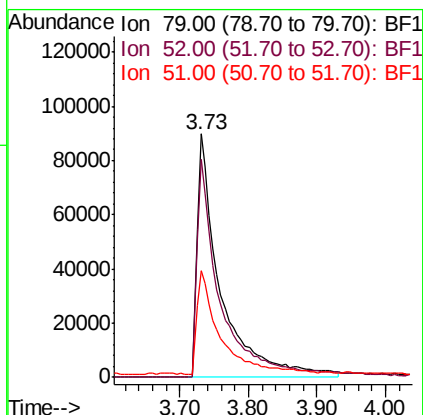
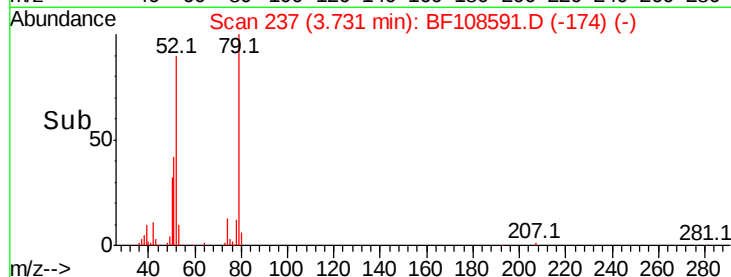
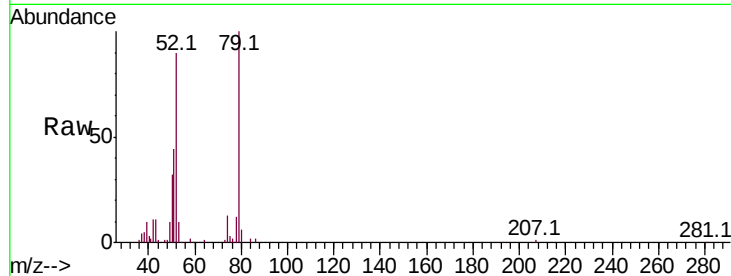
PB112433BSD

Tot Ion: 79 Resp: 214728

Ion	Ratio	Lower	Upper
79	100		
52	89.8	59.8	89.6#
51	44.0	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 28.927 ng

RT: 3.70 min Scan# 231

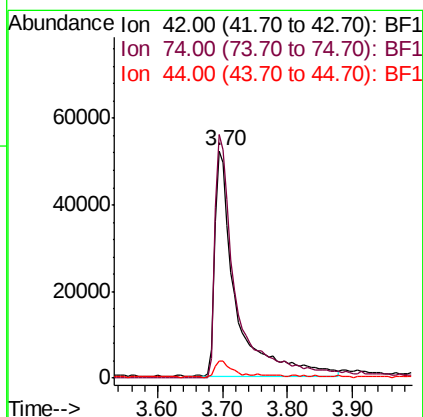
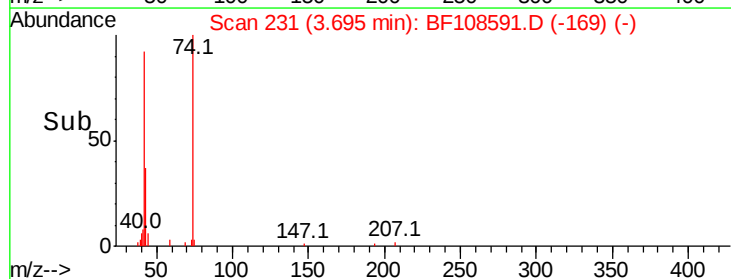
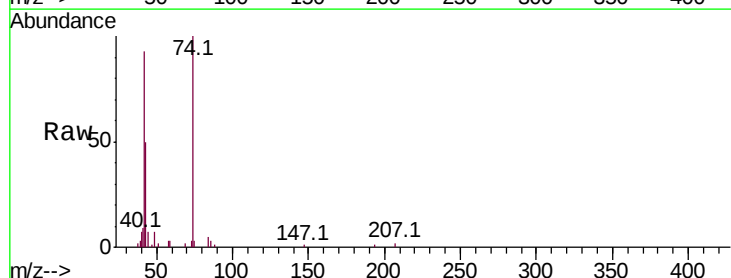
Delta R.T. 0.06 min

Lab File: BF108591.D

Acq: 29 Aug 2018 7:52

Tgt Ion: 42 Resp: 116595

Ion	Ratio	Lower	Upper
42	100		
74	107.3	104.9	157.3
44	7.3	6.9	10.3





#5

2-Fluorophenol

Concen: 70.121 ng

RT: 5.64 min Scan# 562

Delta R.T. 0.01 min

Lab File: BF108591.D

Acq: 29 Aug 2018 7:52

Instrument :

BNA_F

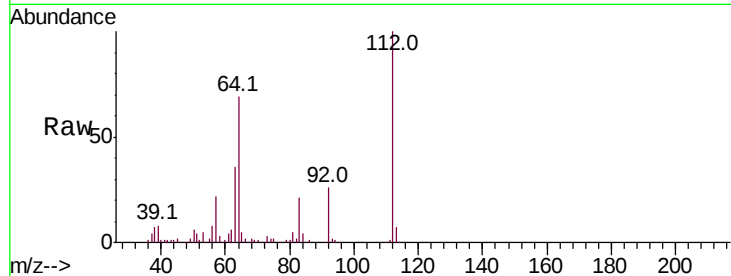
ClientSampleId :

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Tot Ion:	112	Resp:	379481
Ion Ratio	Lower	Upper	
112	100		
64	68.7	47.9	71.9
63	36.4	23.7	35.5#

Manual Integrations
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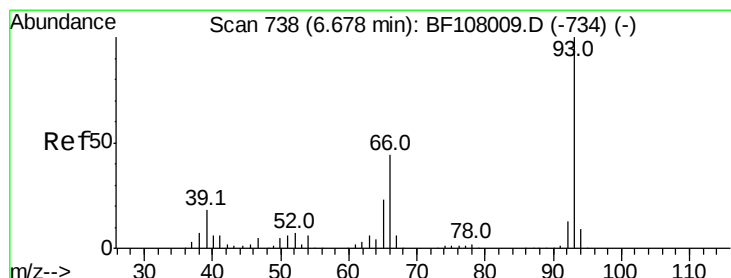
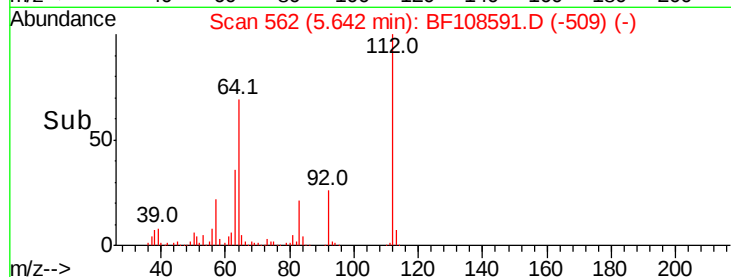
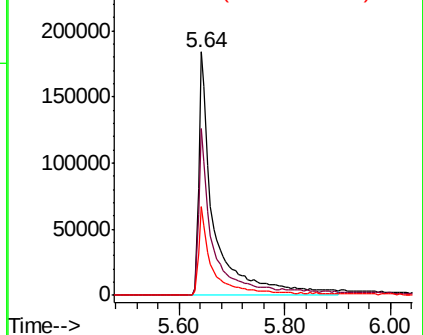
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 13.792 ng

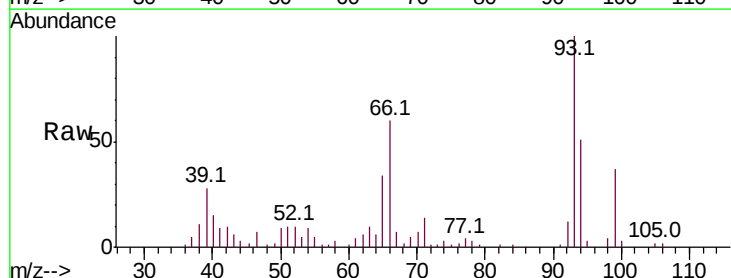
RT: 6.67 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF108591.D

Acq: 29 Aug 2018 7:52

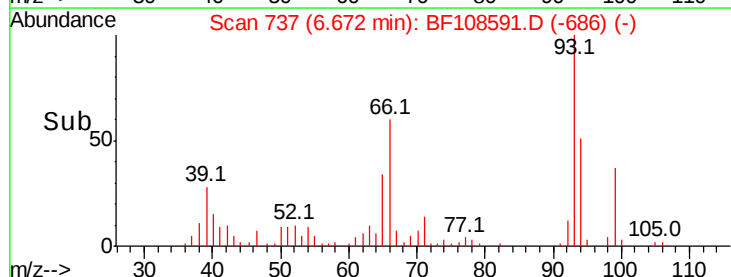
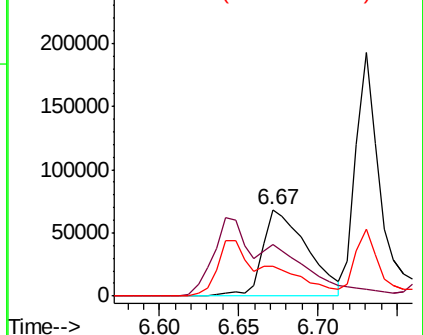
Tgt Ion:	93	Resp:	134918
Ion Ratio	Lower	Upper	
93	100		
66	60.1	32.2	48.2#
65	34.2	16.4	24.6#

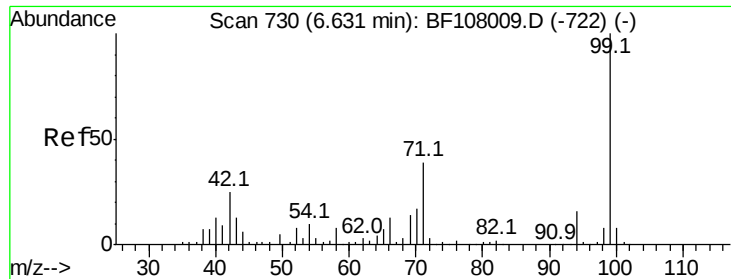


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 69.077 ng

RT: 6.63 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF108591.D

Acq: 29 Aug 2018 7:52

Instrument :

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ClientSampleId :

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Tot Ion: 99 Resp: 496771

Ion Ratio Lower Upper

99 100

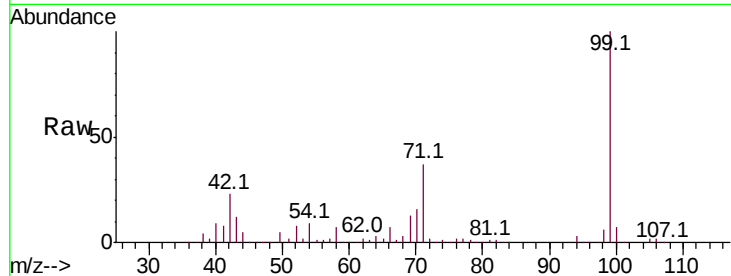
42 23.1 14.5 21.7#

71 36.6 25.4 38.0

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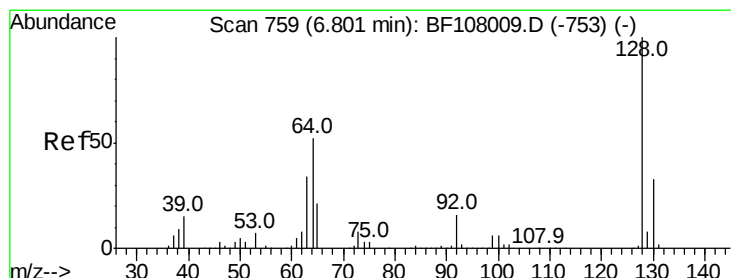
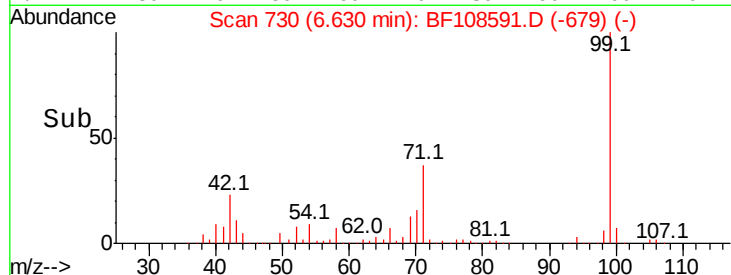
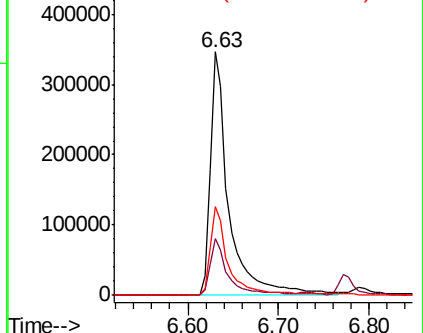
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 35.720 ng

RT: 6.79 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF108591.D

Acq: 29 Aug 2018 7:52

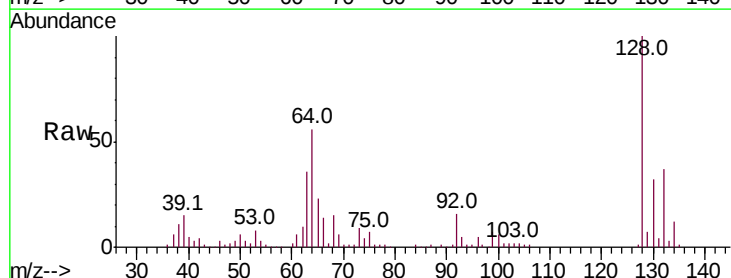
Tgt Ion: 128 Resp: 217721

Ion Ratio Lower Upper

128 100

130 32.1 13.0 53.0

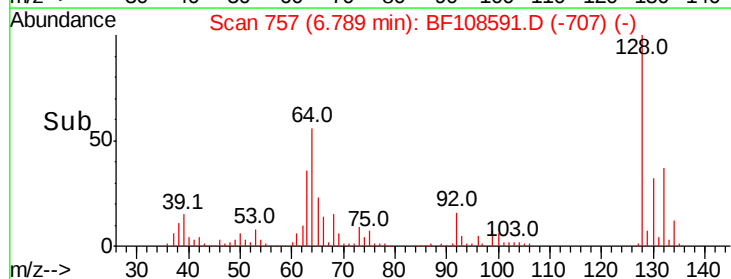
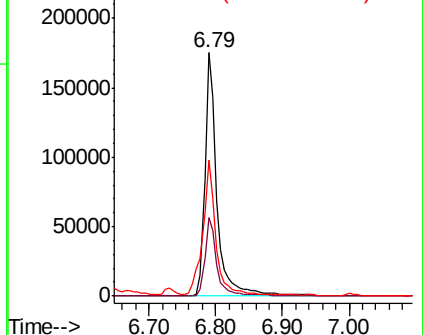
64 56.1 29.4 69.4

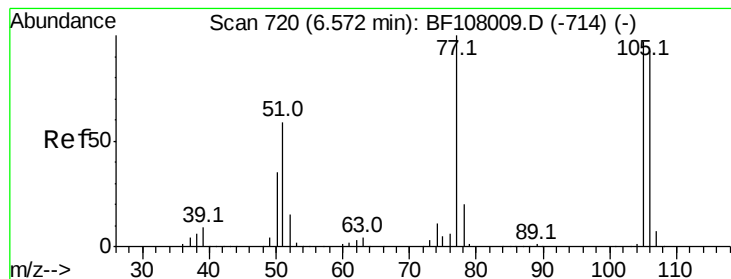


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 22.500 ng

RT: 6.56 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF108591.D

Acq: 29 Aug 2018 7:52

Instrument :

BNA_F

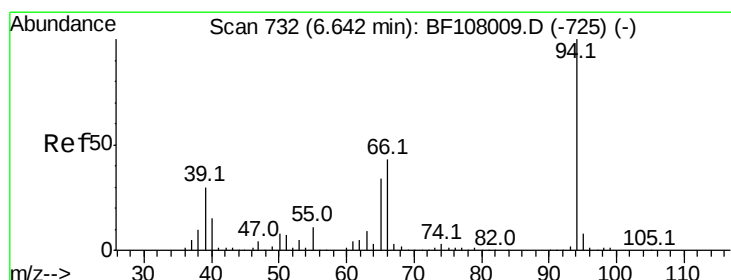
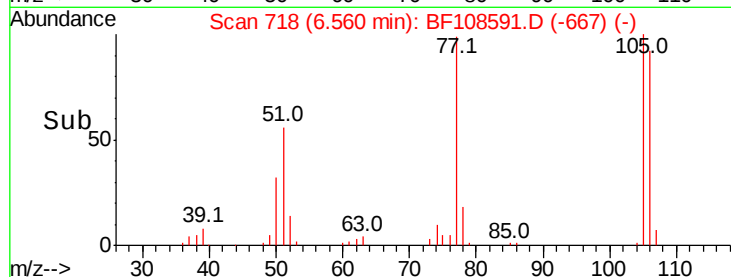
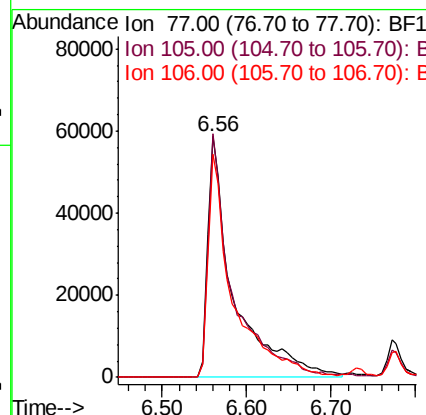
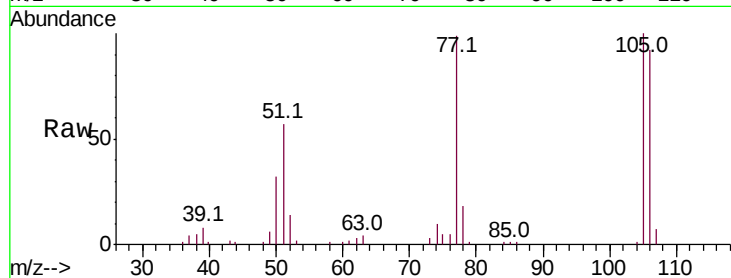
ClientSampleId :

PB112433BSD

Tot Ion:	77	Resp:	125453
Ion Ratio	Lower	Upper	
77	100		
105	101.1	81.1	121.1
106	92.6	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 32.802 ng

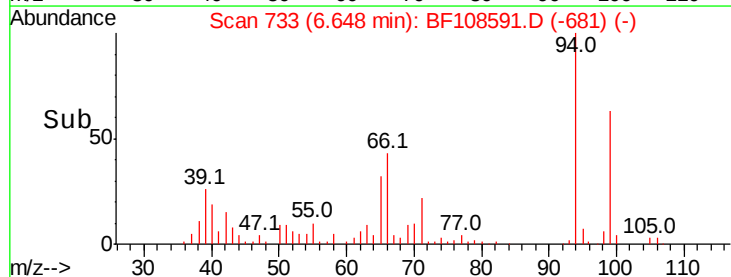
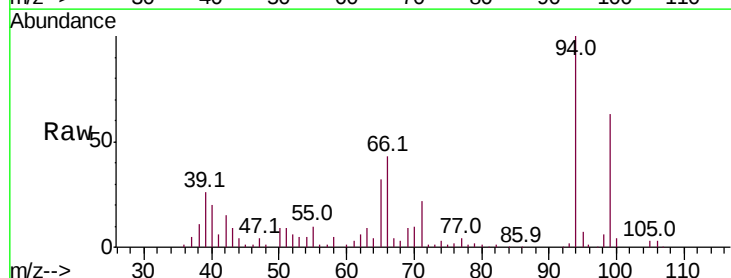
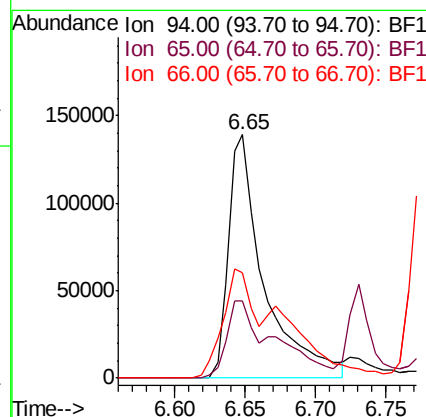
RT: 6.65 min Scan# 733

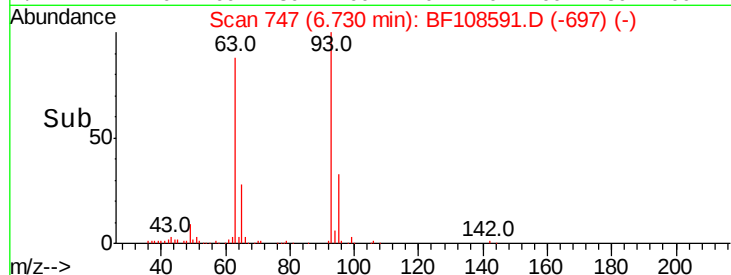
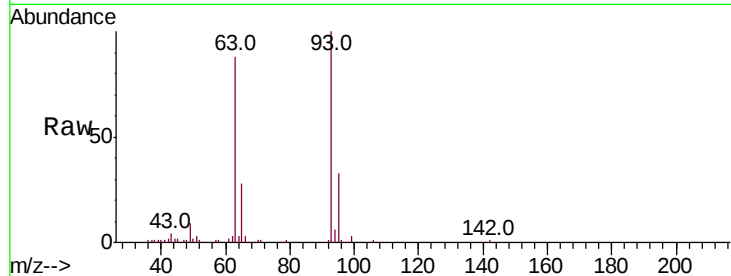
Delta R.T. 0.01 min

Lab File: BF108591.D

Acq: 29 Aug 2018 7:52

Tgt Ion:	94	Resp:	244007
Ion Ratio	Lower	Upper	
94	100		
65	31.6	7.9	47.9
66	43.4	16.2	56.2





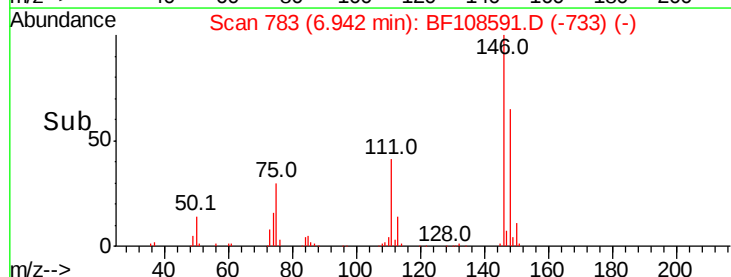
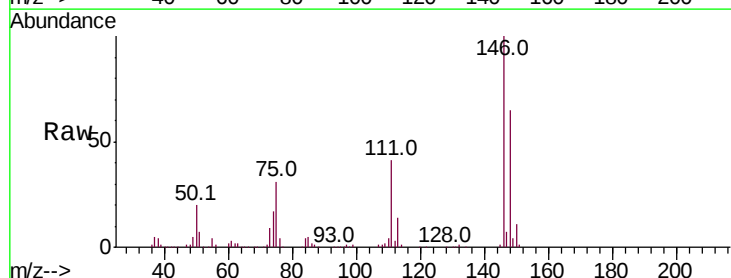
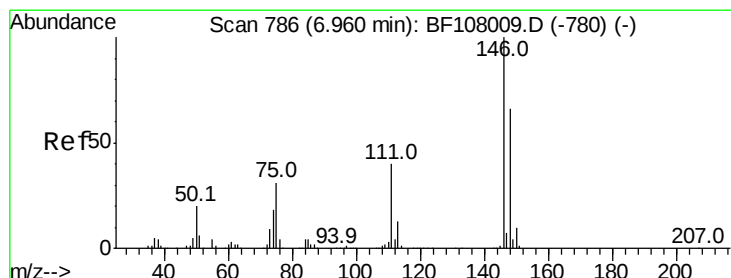
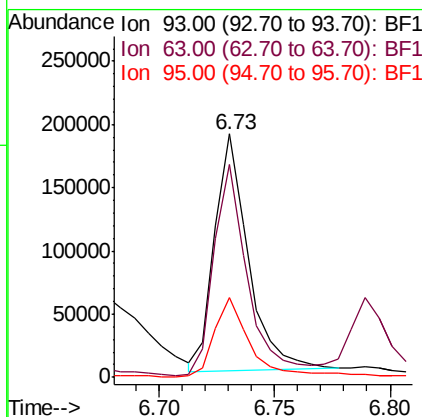
#11
bis(2-Chloroethyl)ether
Concen: 31.488 ng
RT: 6.73 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Tot Ion	93	Resp	189365
Ion Ratio	100	Lower	Upper
93	100	58.6	98.6
63	87.6	11.8	51.8
95	32.6		

Instrument :
BNA_F
ClientSampleId :
PB112433BSD

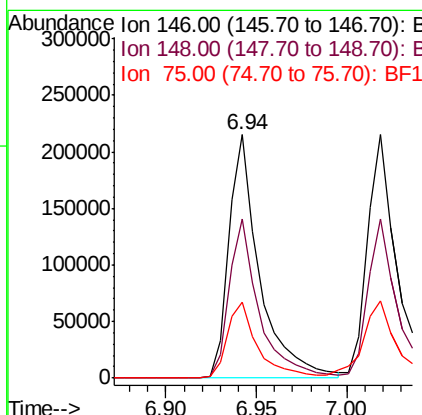
Manual Integrations
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#12
1,3-Dichlorobenzene
Concen: 36.103 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Tgt Ion	146	Resp	254439
Ion Ratio	100	Lower	Upper
146	100	51.8	77.8
148	65.1	24.2	36.4
75	31.1		





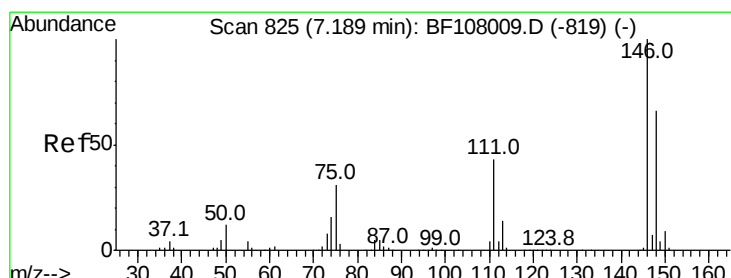
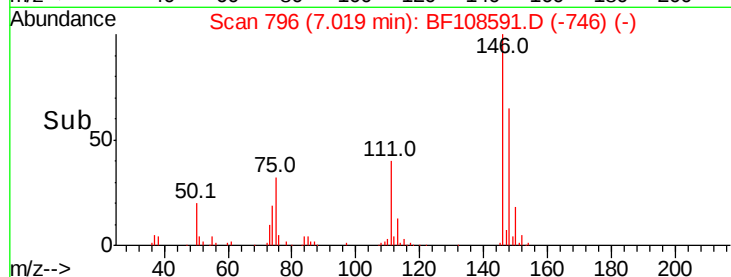
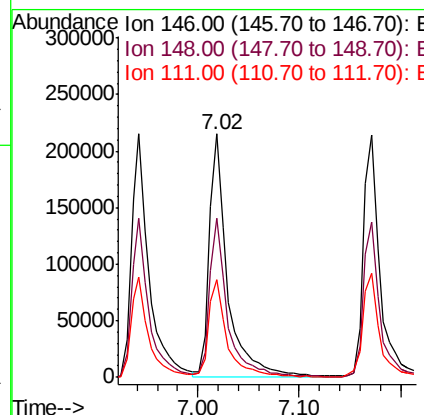
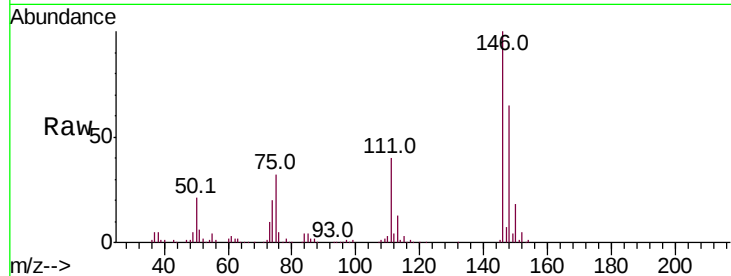
#13
1,4-Dichlorobenzene
Concen: 37.930 ng
RT: 7.02 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Instrument :
BNA_F
ClientSampleId :
PB112433BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.4	50.8	76.2
111	40.2	34.2	51.2

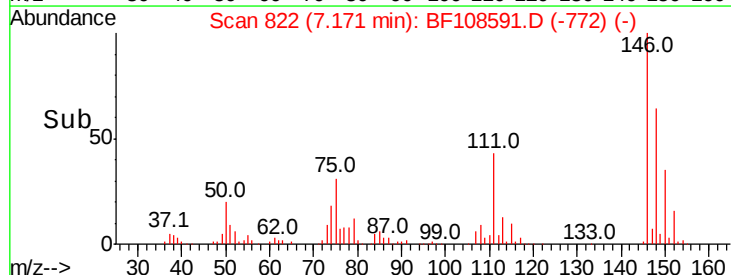
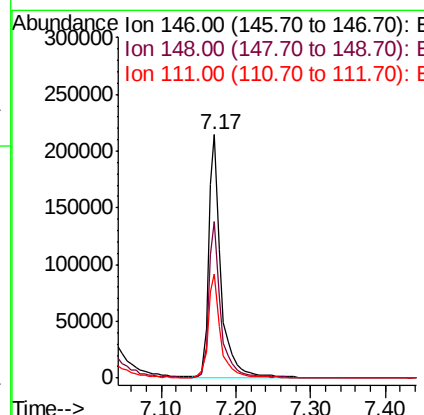
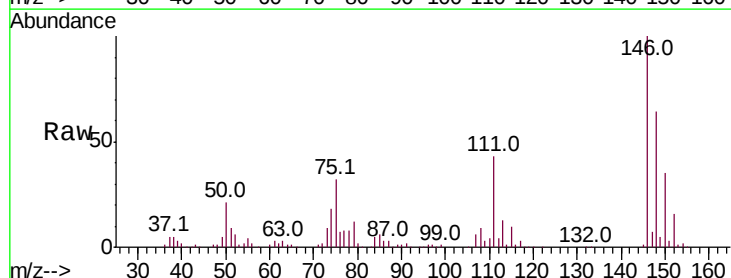
Manual Integrations
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#14
1,2-Dichlorobenzene
Concen: 37.363 ng
RT: 7.17 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.6	75.8
111	42.7	36.0	54.0





#15

Benzyl Alcohol

Concen: 29.700 ng

RT: 7.14 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF108591.D

Acq: 29 Aug 2018 7:52

Instrument :

BNA_F

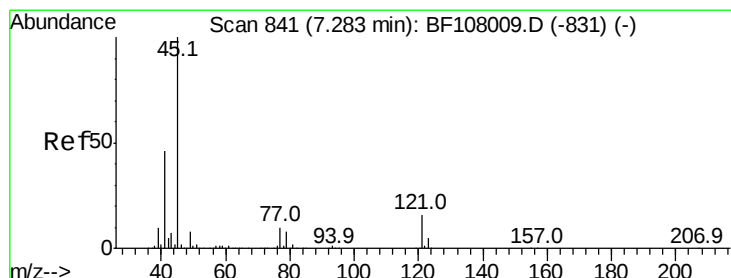
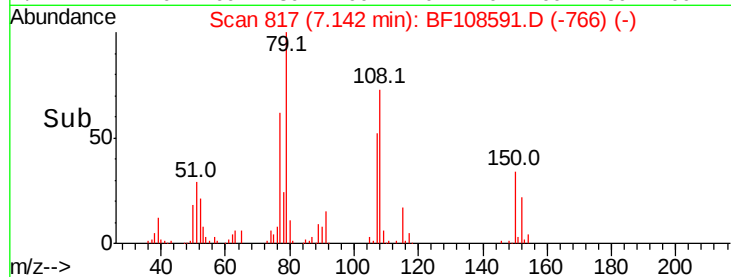
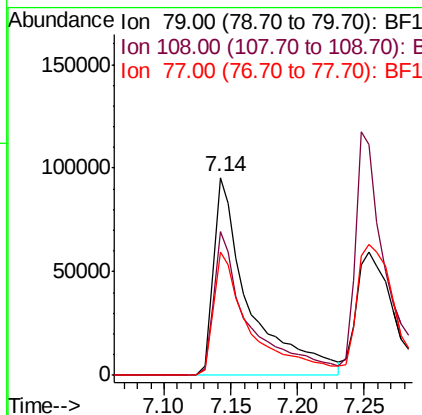
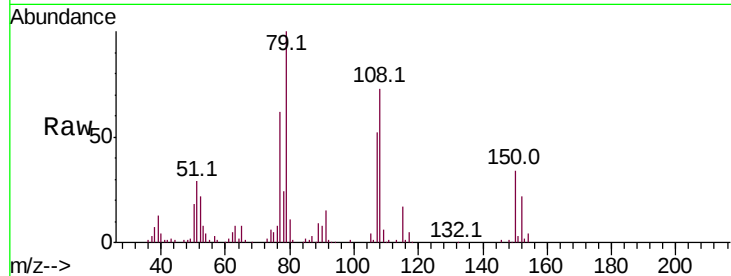
ClientSampleId :

PB112433BSD

Tot Ion:	79	Resp:	179808
Ion Ratio	Lower	Upper	
79	100		
108	72.7	65.1	97.7
77	62.1	50.6	75.8

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.586 ng

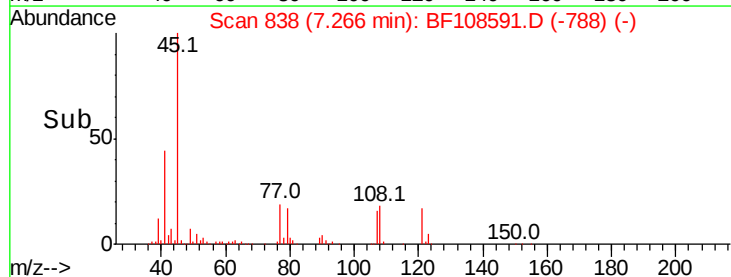
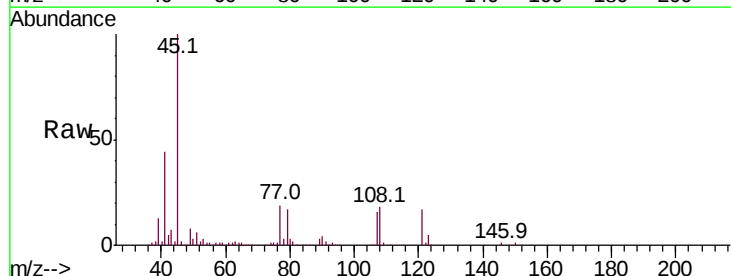
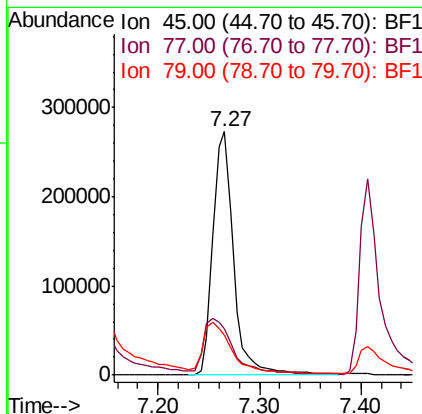
RT: 7.27 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF108591.D

Acq: 29 Aug 2018 7:52

Tgt Ion:	45	Resp:	391329
Ion Ratio	Lower	Upper	
45	100		
77	19.4	0.0	32.9
79	16.6	0.0	29.6





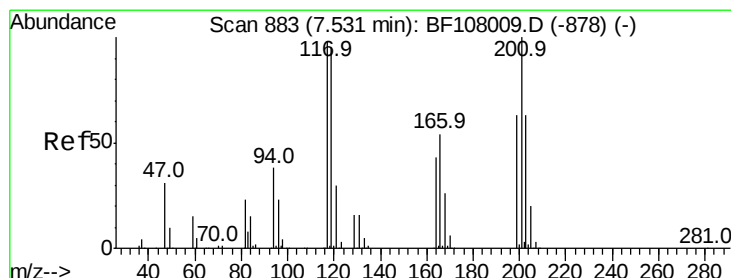
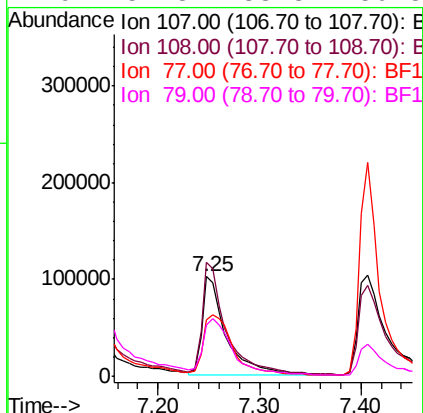
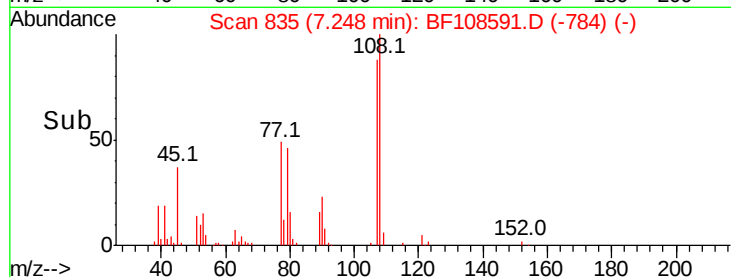
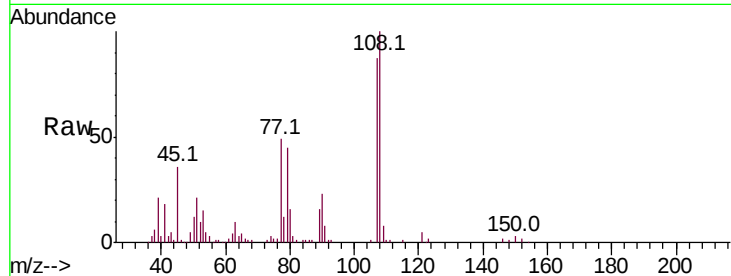
#17
2-Methylphenol
Concen: 32.427 ng
RT: 7.25 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Instrument :
BNA_F
ClientSampleId :
PB112433BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.5	91.7	137.5	
77	56.1	33.8	50.8#	
79	51.8	33.8	50.8#	

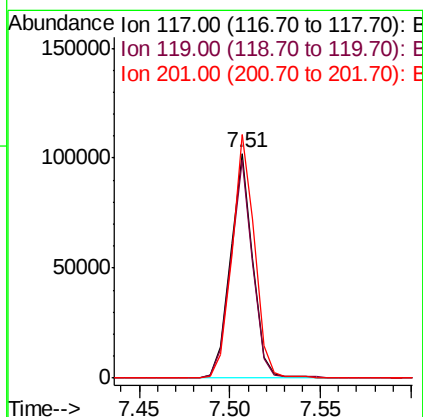
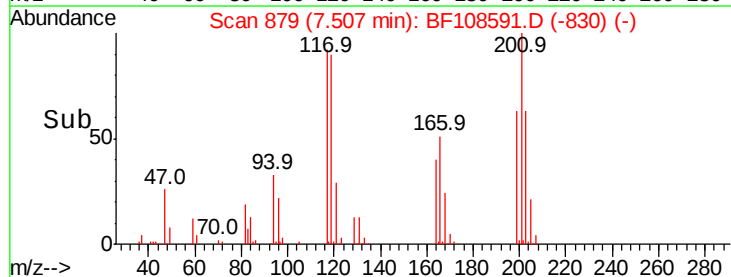
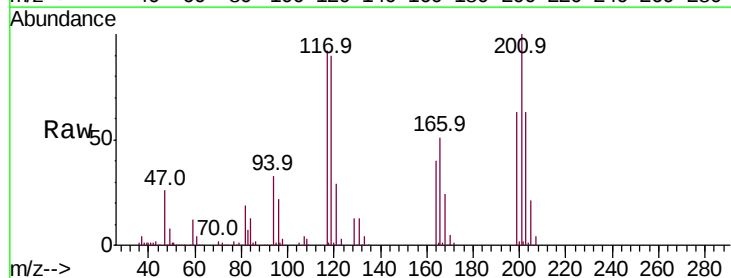
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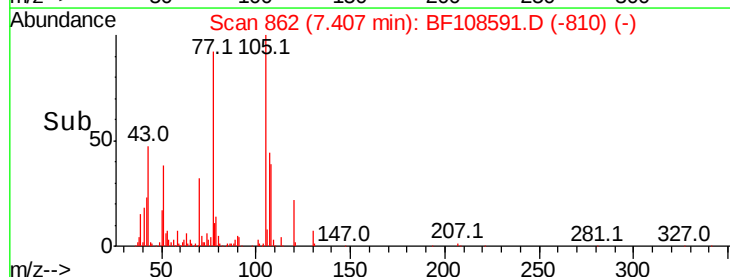
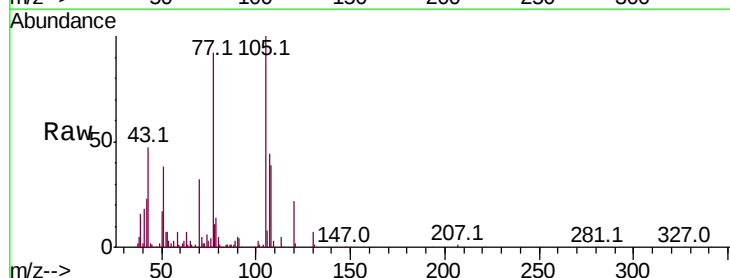
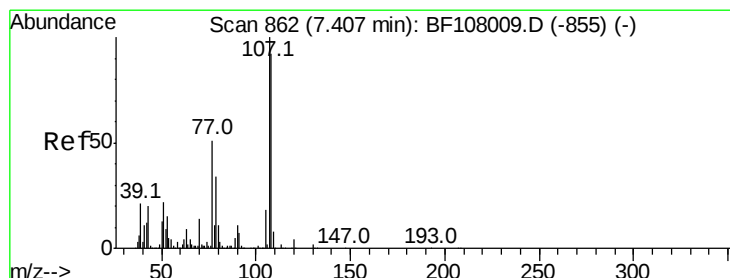
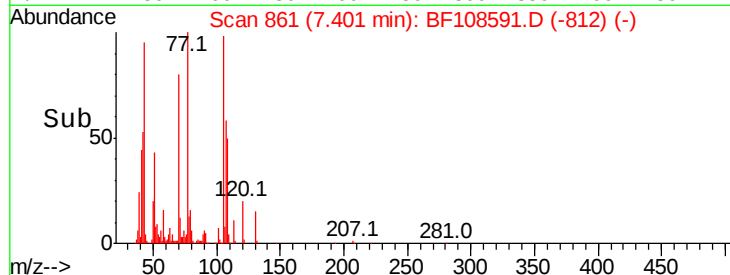
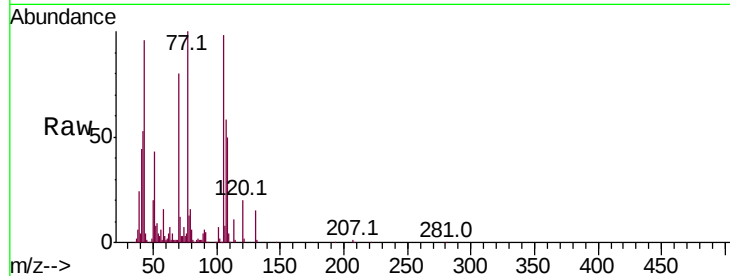
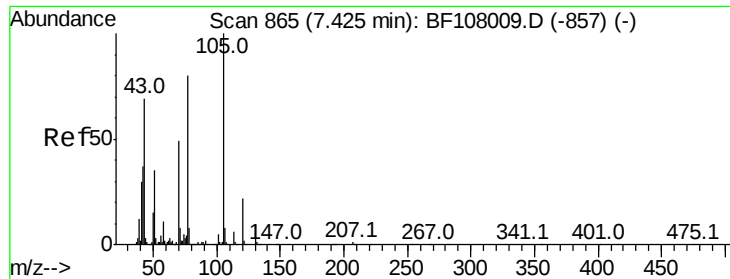
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#18
Hexachloroethane
Concen: 34.631 ng
RT: 7.51 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.1	75.8	113.8	
201	108.4	75.7	113.5	





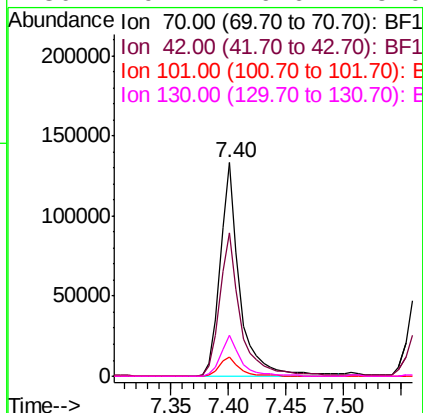
#19
n-Nitroso-di-n-propylamine
Concen: 32.350 ng
RT: 7.40 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Instrument :
BNA_F
ClientSampleId :
PB112433BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	67.0	47.5	71.3
101	9.2	7.4	11.2
130	19.1	16.6	25.0

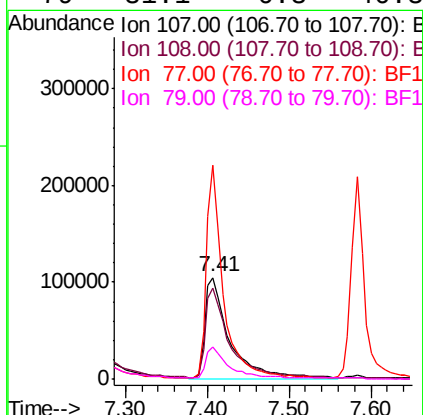
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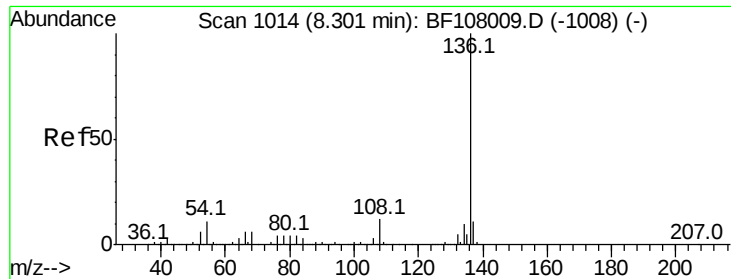
Sohil
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#20
3+4-Methylphenols
Concen: 32.531 ng
RT: 7.41 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.8	68.2	108.2
77	211.1	26.7	66.7#
79	31.1	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: BF108591.D

Acq: 29 Aug 2018 7:52

Instrument :

BNA_F

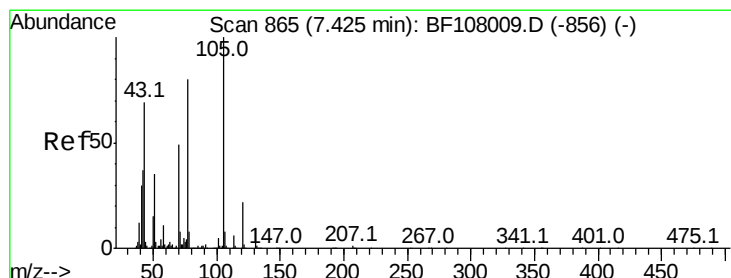
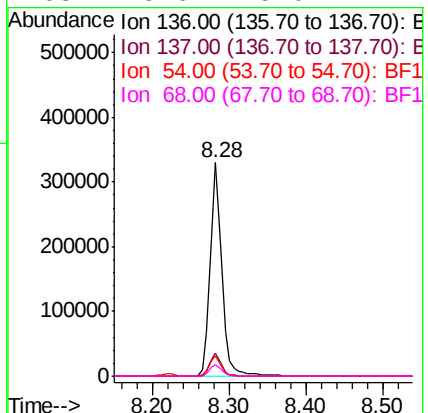
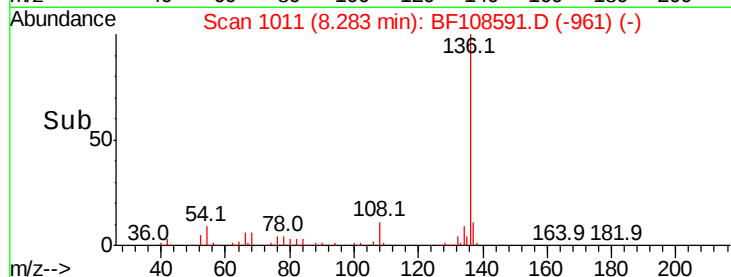
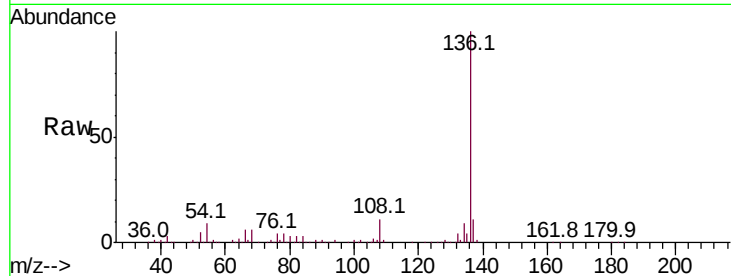
ClientSampleId :

PB112433BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.9	13.3	
54	9.4	6.6	9.8	
68	5.6	5.0	7.4	

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#22

Acetophenone

Concen: 39.130 ng

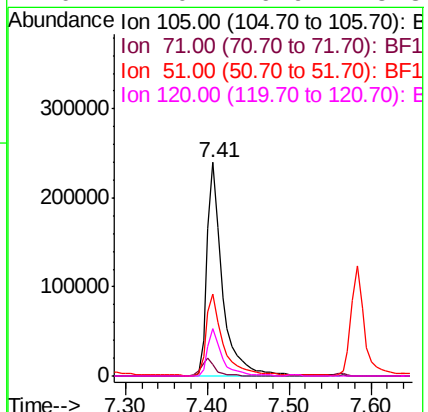
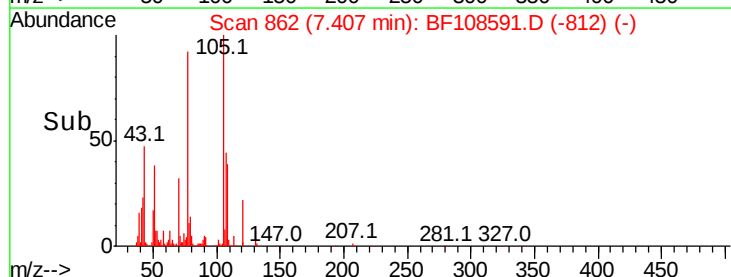
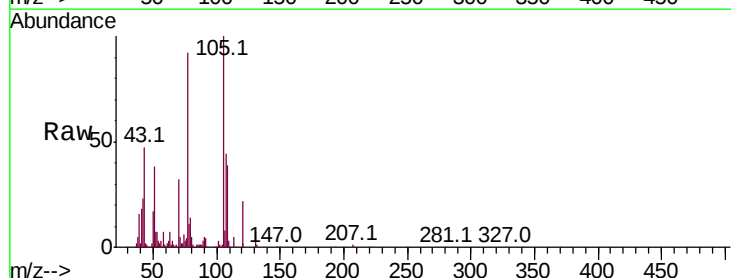
RT: 7.41 min Scan# 862

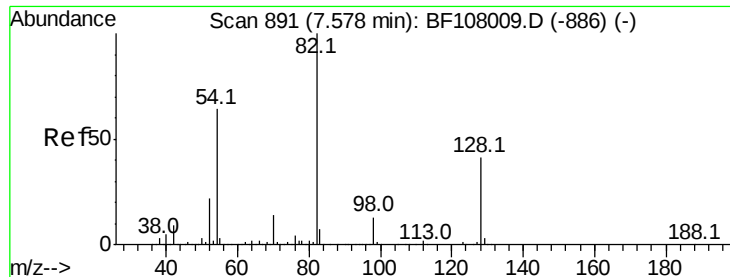
Delta R.T. -0.01 min

Lab File: BF108591.D

Acq: 29 Aug 2018 7:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.4	4.4	6.6	
51	38.3	22.3	33.5	
120	22.0	16.9	25.3	





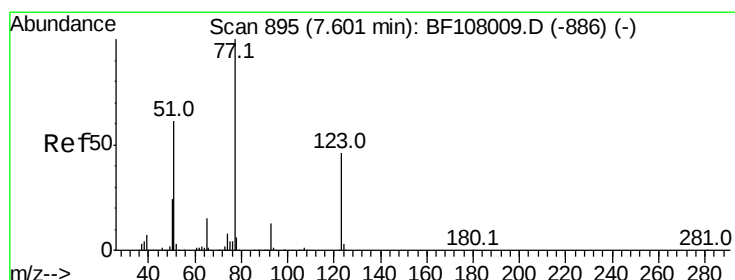
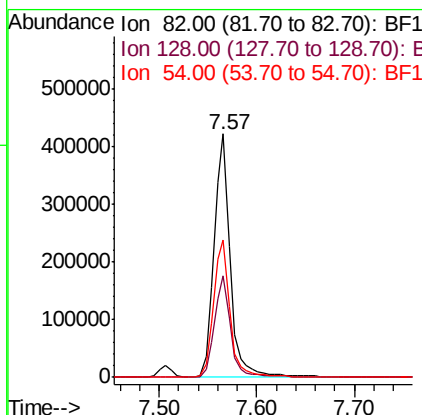
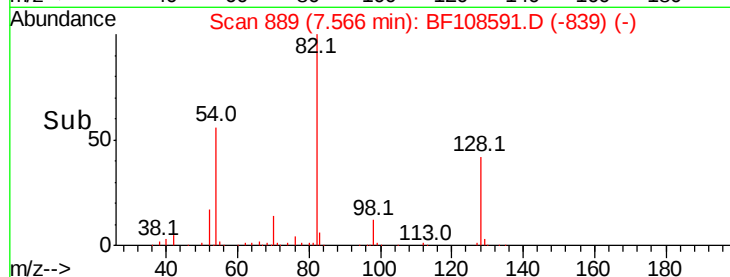
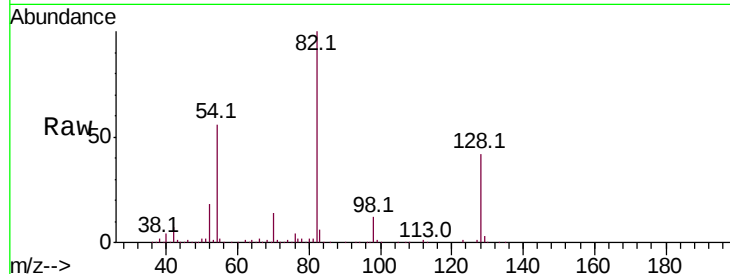
#23
 Nitrobenzene-d5
 Concen: 79.171 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF108591.D
 Acq: 29 Aug 2018 7:52

Instrument :
 BNA_F
 ClientSampleId :
 PB112433BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	488131		
128	41.6	36.1	54.1	
54	56.4	41.4	62.2	

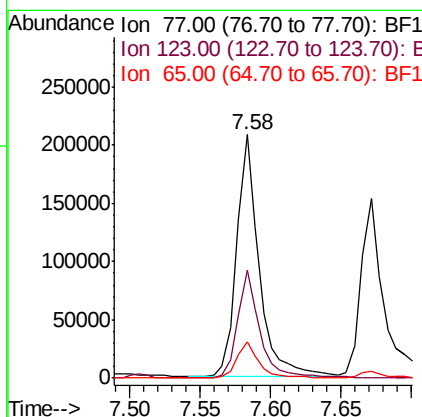
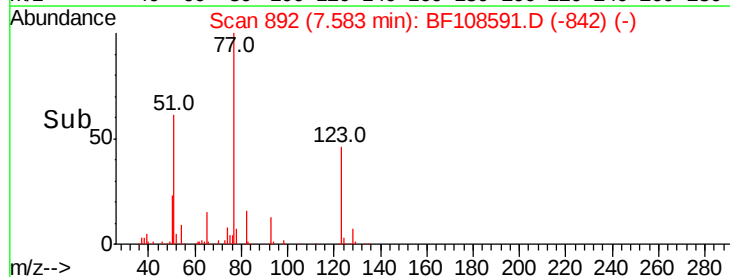
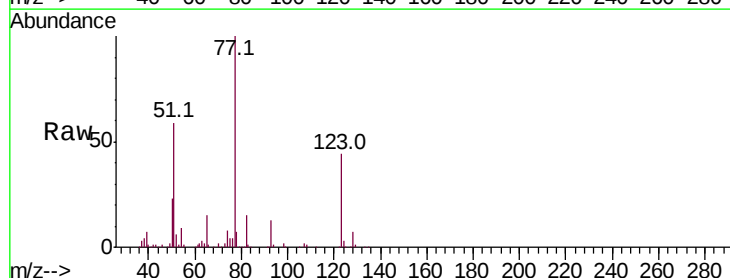
Manual Integrations
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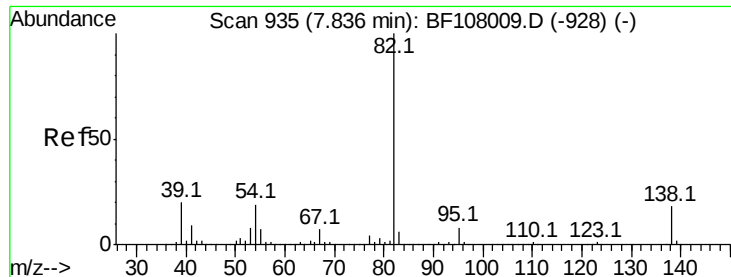
Sohil
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#24
 Nitrobenzene
 Concen: 37.209 ng
 RT: 7.58 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF108591.D
 Acq: 29 Aug 2018 7:52

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	231984		
123	44.4	37.9	56.9	
65	15.0	11.0	16.4	





#25

Isophorone

Concen: 34.434 ng

RT: 7.81 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF108591.D

Acq: 29 Aug 2018 7:52

Instrument :

BNA_F

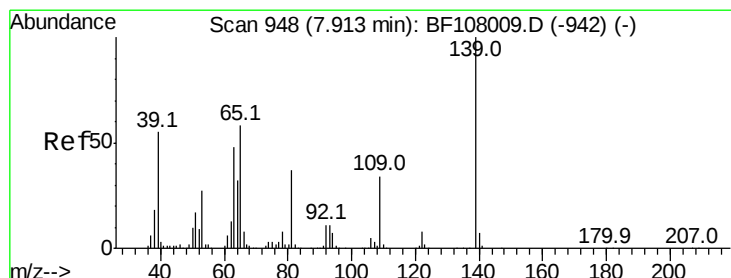
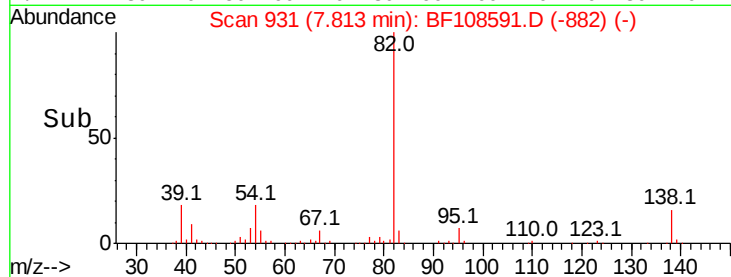
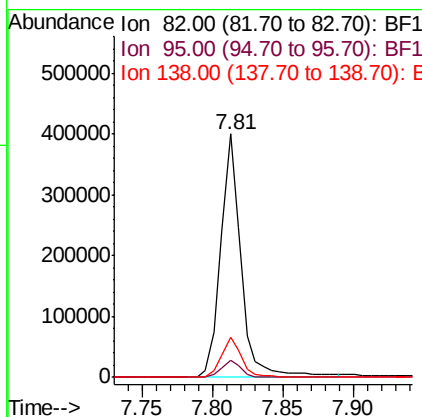
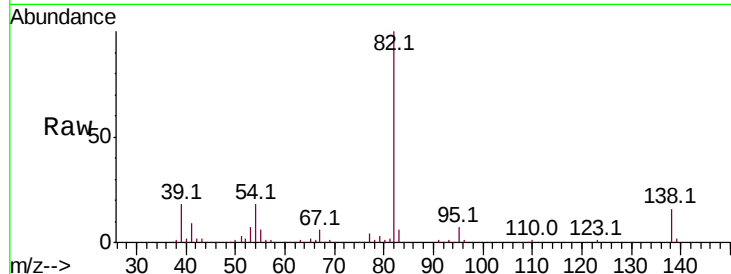
ClientSampled :

PB112433BSD

Tot Ion:	82	Resp:	404663
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.2	7.8
138	16.3	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.991 ng

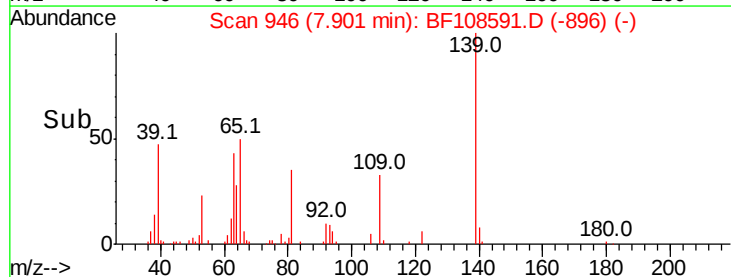
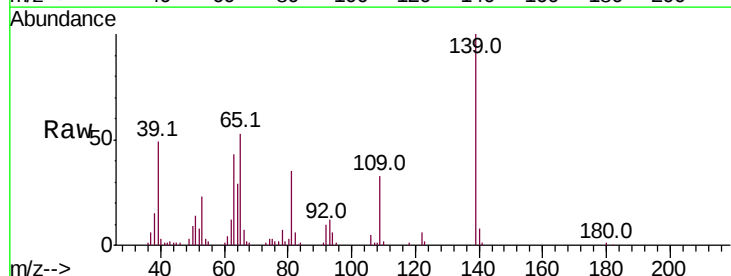
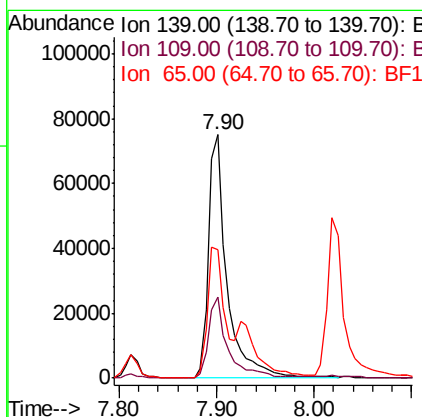
RT: 7.90 min Scan# 946

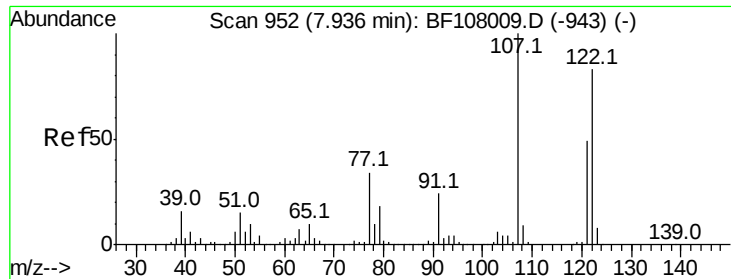
Delta R.T. -0.01 min

Lab File: BF108591.D

Acq: 29 Aug 2018 7:52

Tgt Ion:	139	Resp:	98868
Ion Ratio	Lower	Upper	
139	100		
109	33.4	22.7	34.1
65	52.8	40.5	60.7





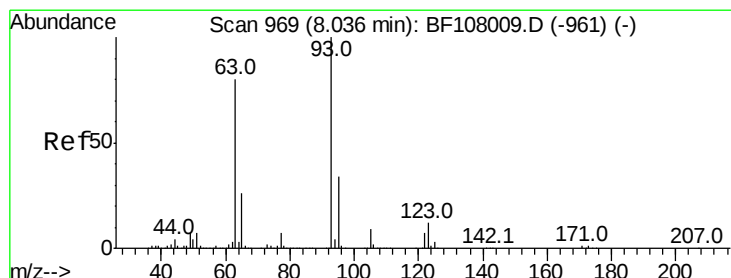
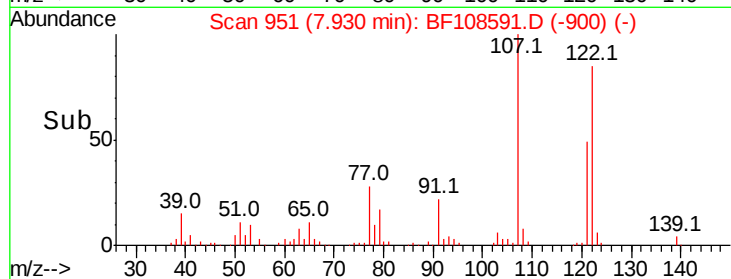
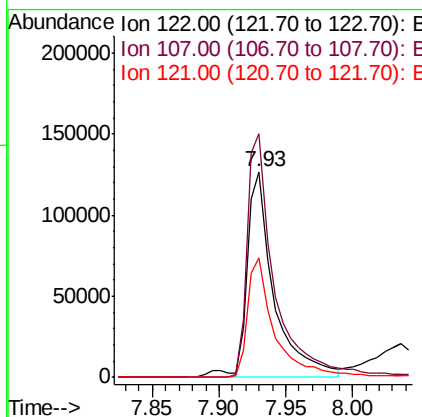
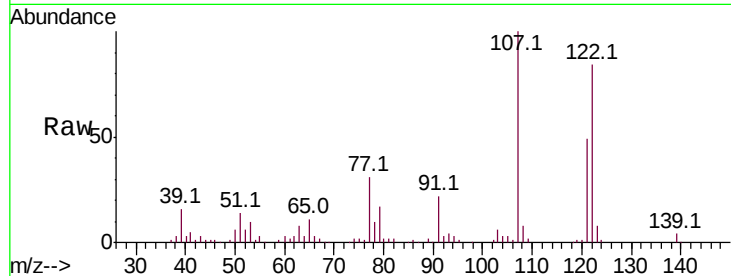
#27
2,4-Dimethylphenol
Concen: 33.893 ng
RT: 7.93 min Scan# 951
Delta R.T. -0.00 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Instrument :
BNA_F
ClientSampleId :
PB112433BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	176775		
107	118.5	91.2	136.8	
121	58.1	47.2	70.8	

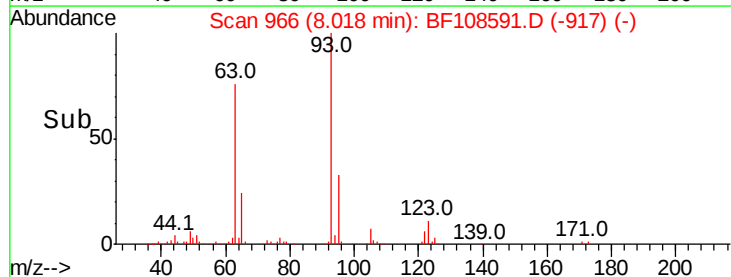
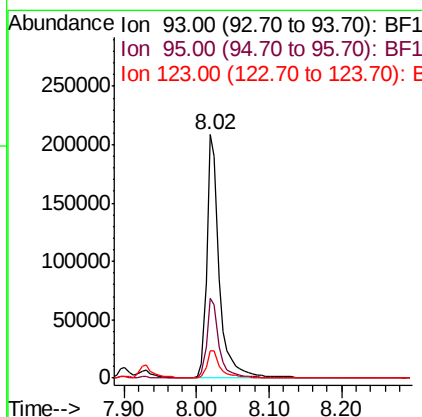
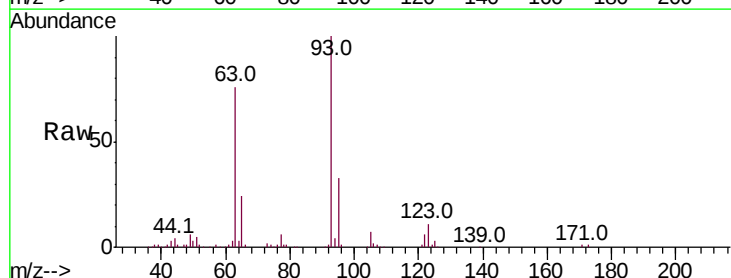
Manual Integrations
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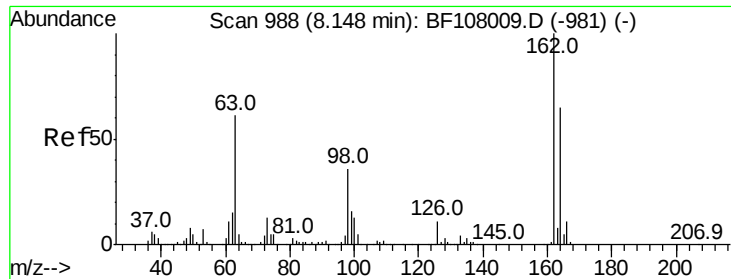
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#28
bis(2-Chloroethoxy)methane
Concen: 36.125 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.01 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	247834		
95	33.0	26.3	39.5	
123	11.0	9.8	14.6	





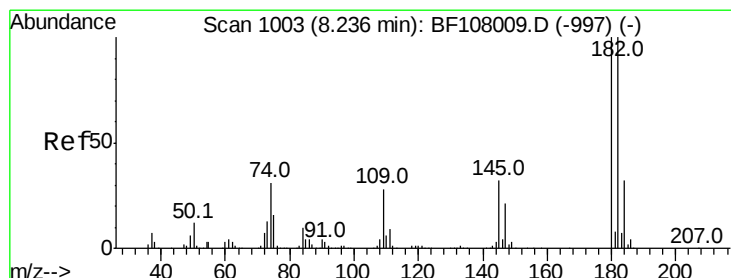
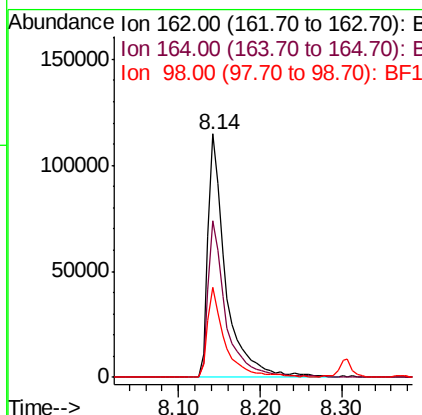
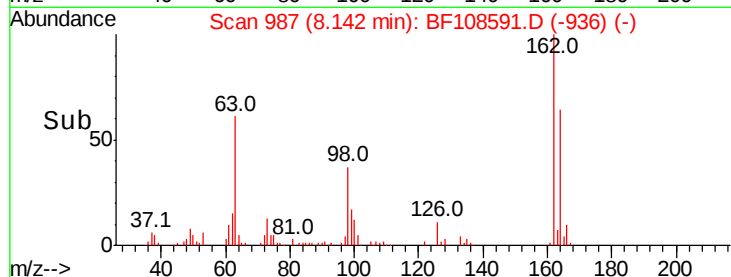
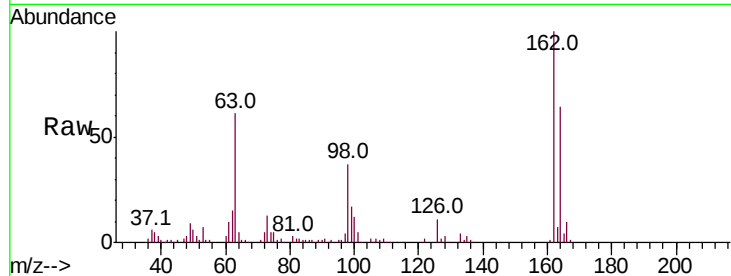
#29
2,4-Dichlorophenol
Concen: 36.093 ng
RT: 8.14 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Instrument :
BNA_F
ClientSampleId :
PB112433BSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	42.7	82.7
98	37.1	18.1	58.1

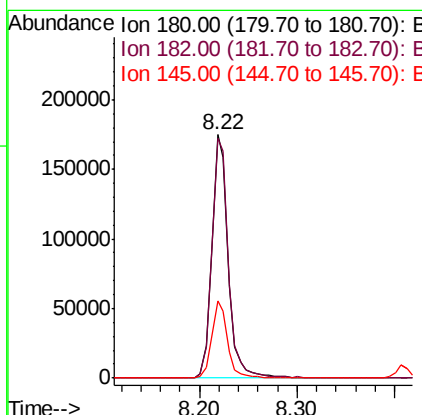
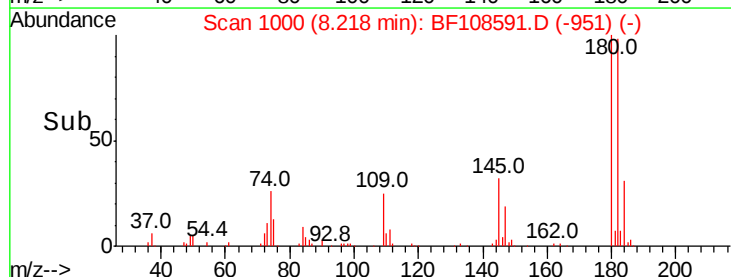
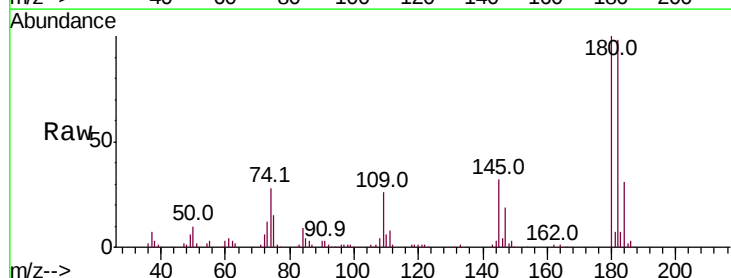
Manual Integrations
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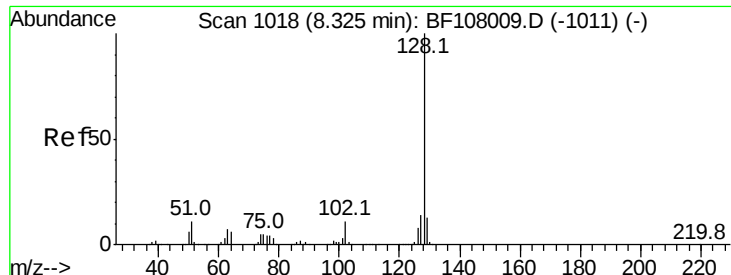
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 38.020 ng
RT: 8.22 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.5	76.8	115.2
145	31.7	26.5	39.7





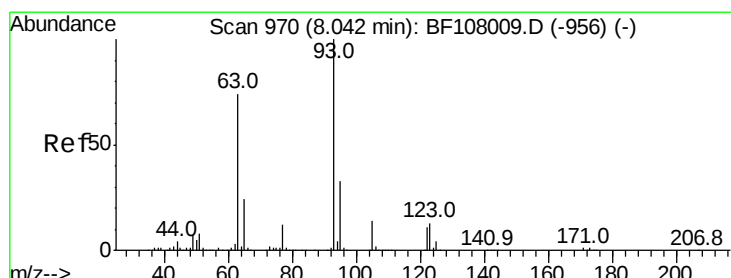
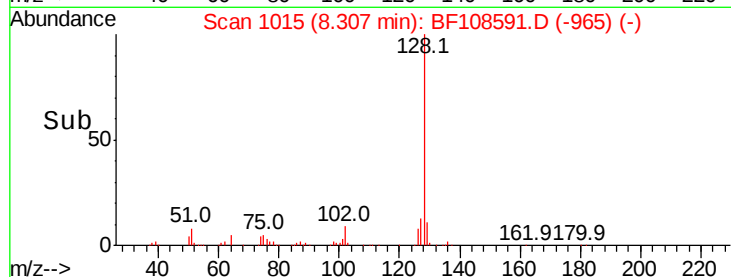
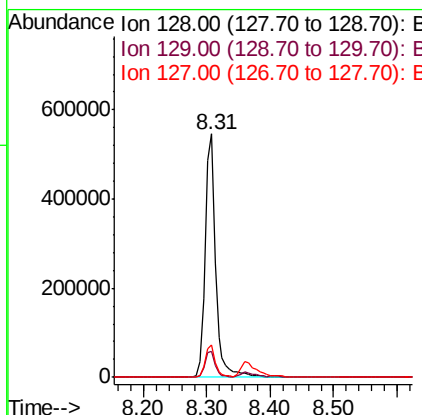
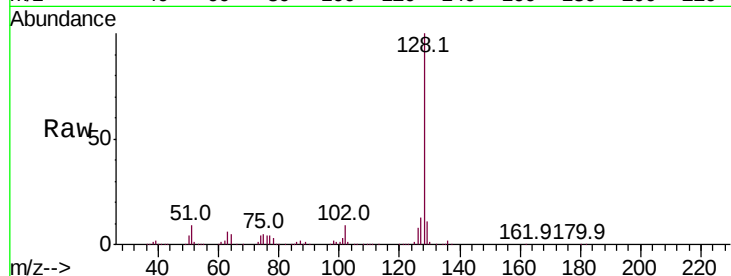
#31
Naphthalene
Concen: 39.826 ng
RT: 8.31 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Instrument :
BNA_F
ClientSampleId :
PB112433BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	623134		
129	10.8		8.8	13.2
127	13.1		10.9	16.3

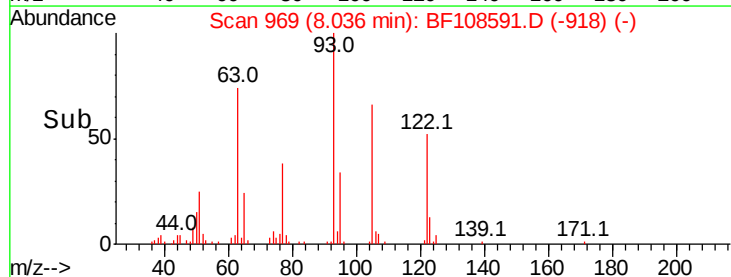
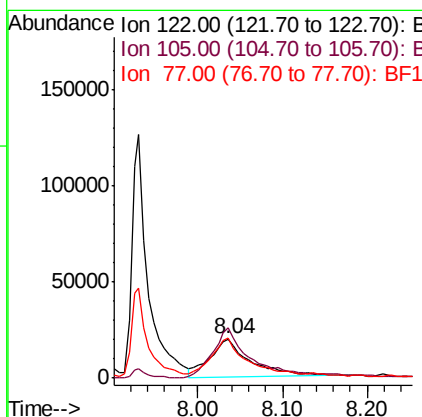
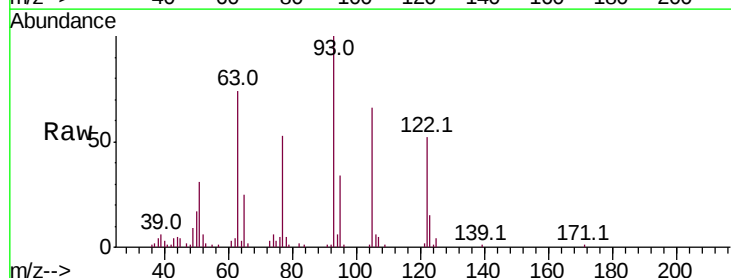
Manual Integrations
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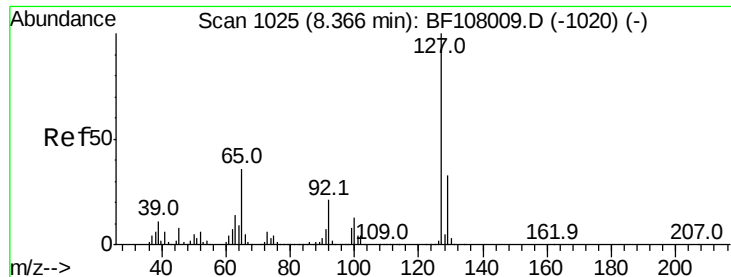
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#32
Benzoic acid
Concen: 24.721 ng
RT: 8.04 min Scan# 969
Delta R.T. -0.00 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	64806		
105	126.7		101.1	141.1
77	102.5		70.7	110.7





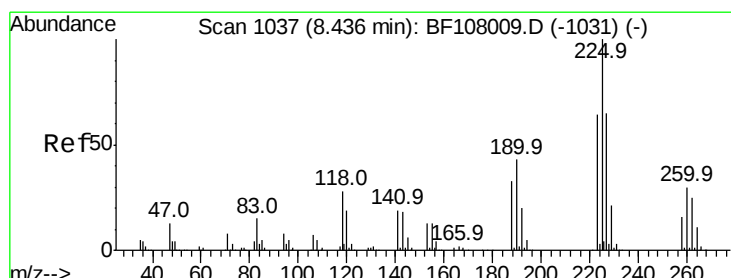
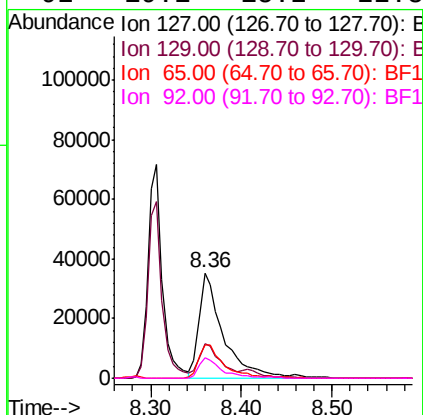
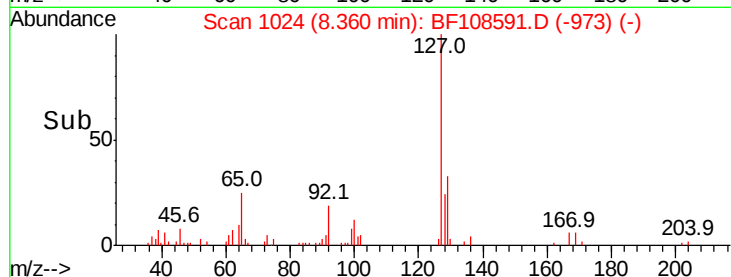
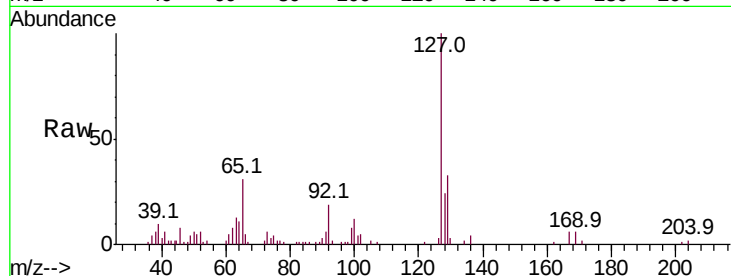
#33
4-Chloroaniline
Concen: 9.762 ng
RT: 8.36 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Instrument :
BNA_F
ClientSampleId :
PB112433BSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	31.3	25.0	37.4
92	19.1	15.2	22.8

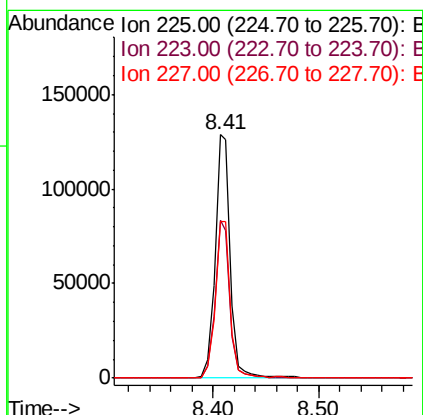
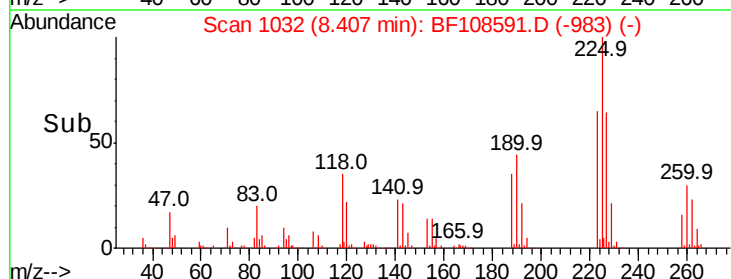
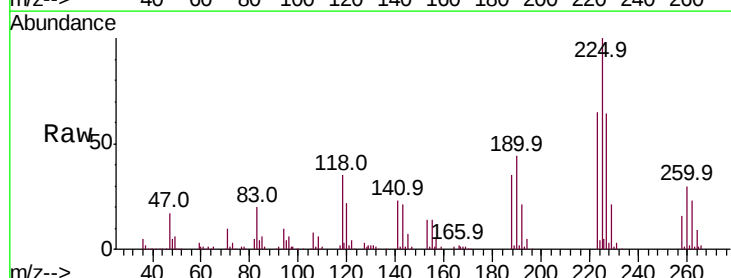
Manual Integrations
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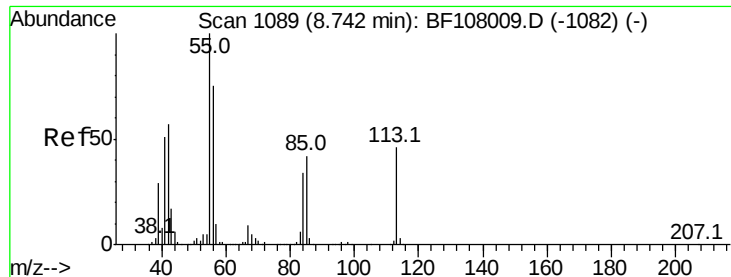
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#34
Hexachlorobutadiene
Concen: 39.415 ng
RT: 8.41 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.7	50.6	76.0
227	64.3	51.9	77.9





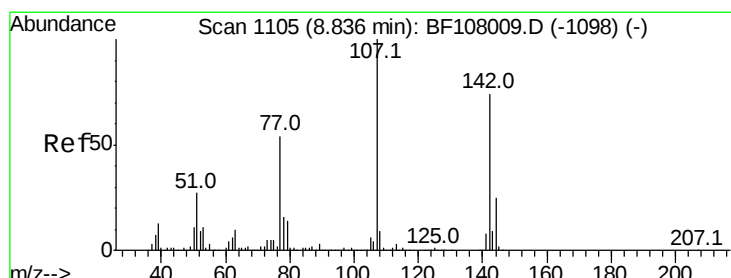
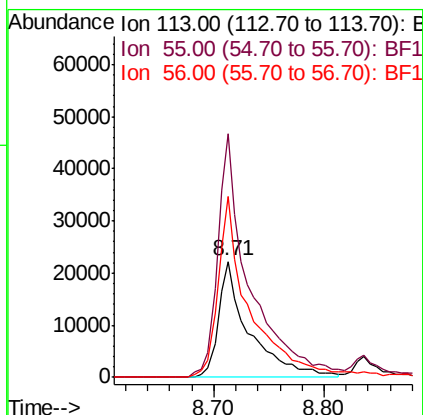
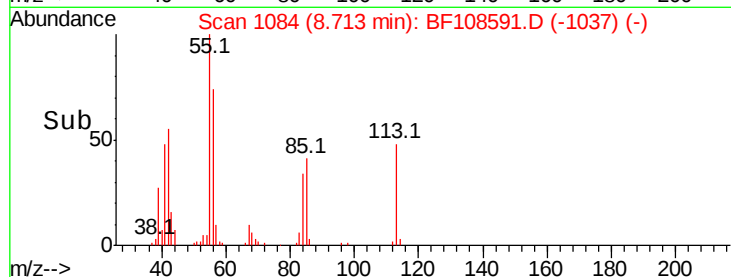
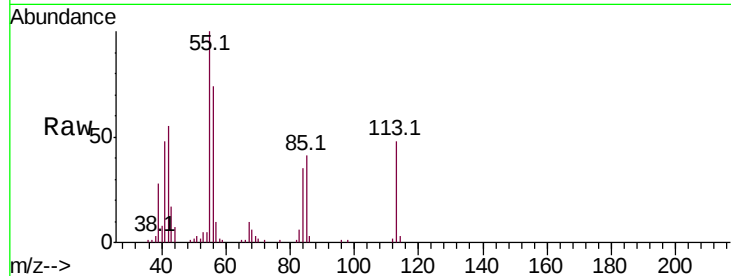
#35
Caprolactam
Concen: 28.611 ng
RT: 8.71 min Scan# 1084
Delta R.T. -0.02 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Instrument :
BNA_F
ClientSampleId :
PB112433BSD

Tot Ion:113 Resp: 43035
Ion Ratio Lower Upper
113 100
55 210.1 163.3 203.3#
56 156.0 115.7 155.7#

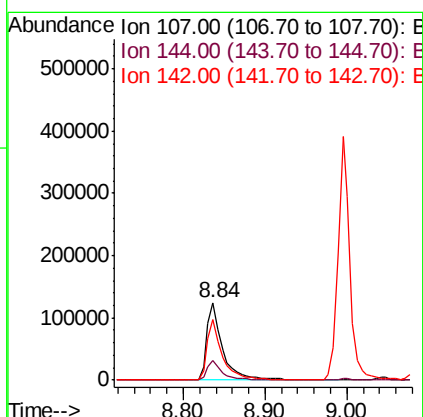
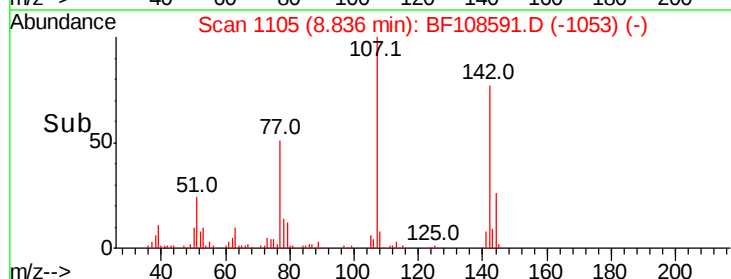
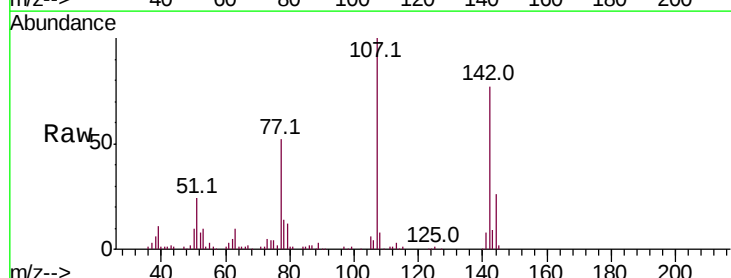
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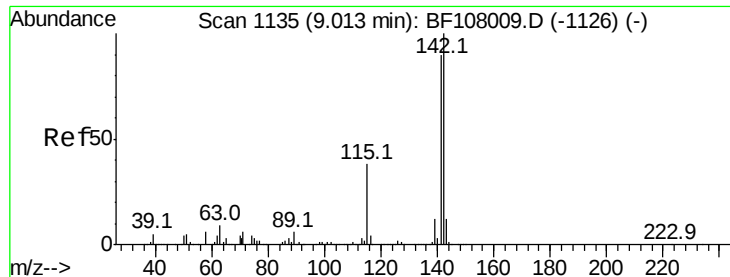
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#36
4-Chloro-3-methylphenol
Concen: 32.270 ng
RT: 8.84 min Scan# 1105
Delta R.T. 0.01 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Tgt Ion:107 Resp: 167097
Ion Ratio Lower Upper
107 100
144 25.6 20.5 30.7
142 77.3 62.0 93.0





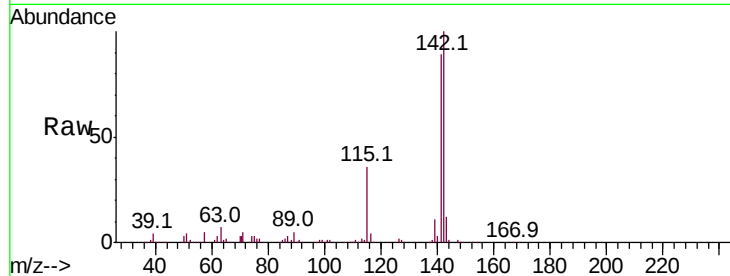
#37
2-Methylnaphthalene
Concen: 35.606 ng
RT: 8.99 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Instrument :
BNA_F
ClientSampleID :
PB112433BSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	394157		
141	89.1	70.8	106.2	
115	36.3	26.1	39.1	

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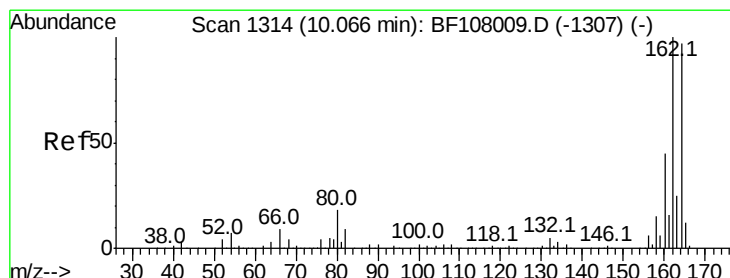
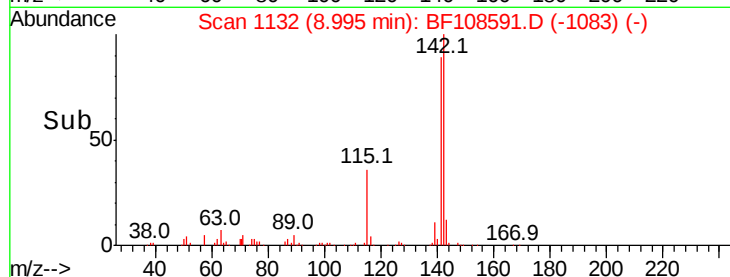
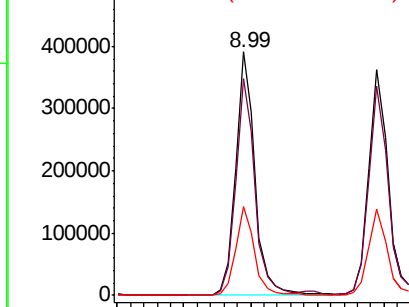


Abundance

Ion 142.00 (141.70 to 142.70): E

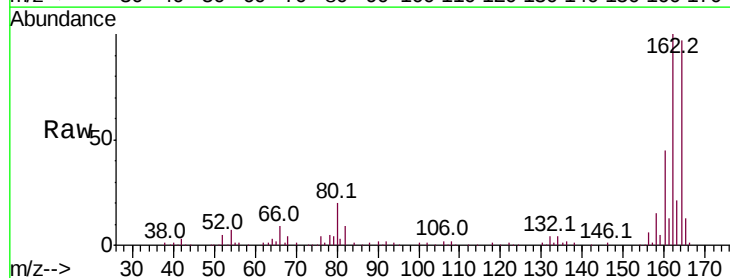
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	148389		
162	102.9	86.1	129.1	
160	45.8	38.3	57.5	

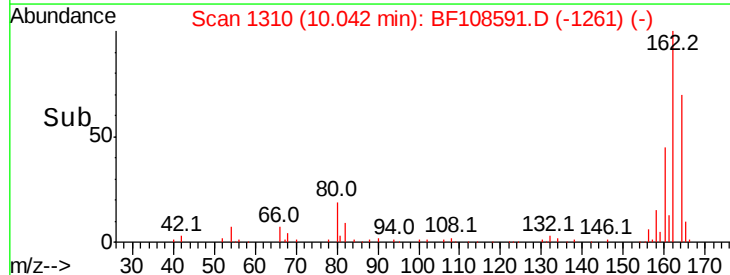
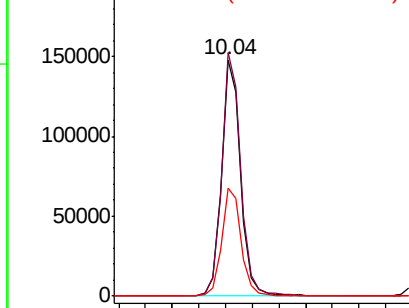


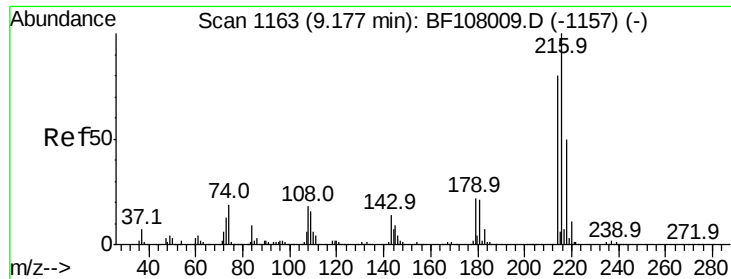
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





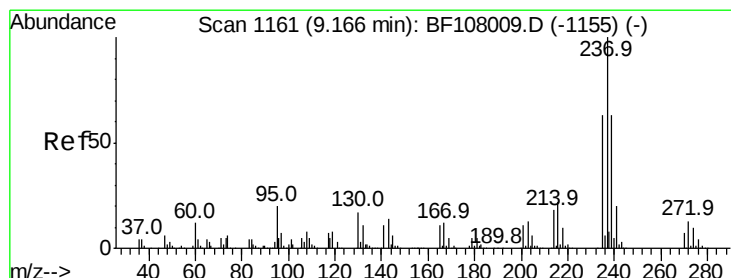
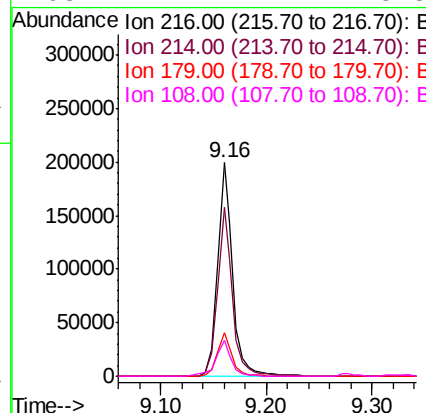
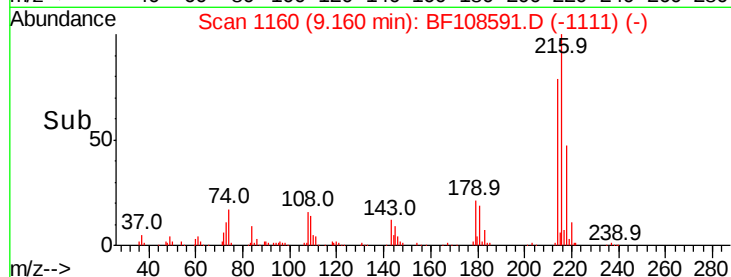
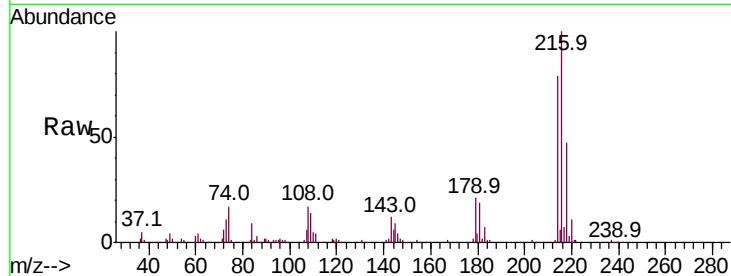
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.184 ng
 RT: 9.16 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF108591.D
 Acq: 29 Aug 2018 7:52

Instrument :
 BNA_F
 ClientSampleId :
 PB112433BSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	77.9	63.0	94.4
179	20.2	18.1	27.1
108	17.1	17.2	25.8#

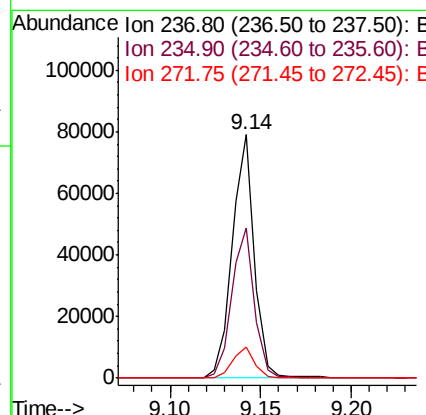
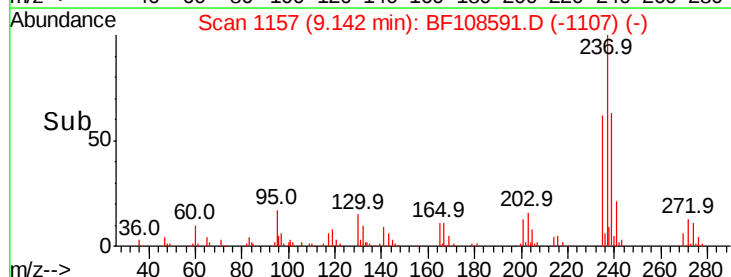
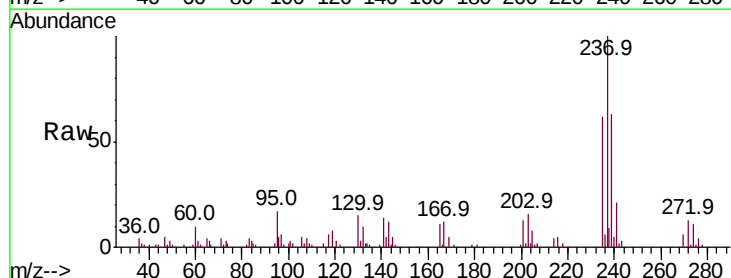
Manual Integrations
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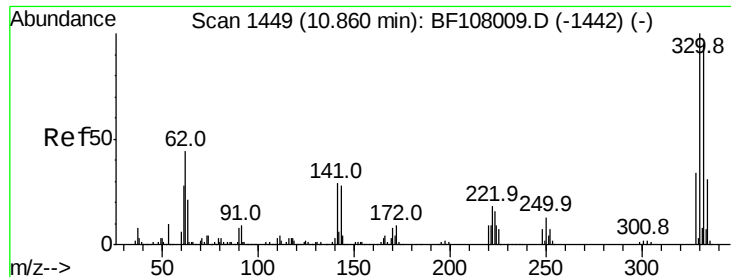
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#40
 Hexachlorocyclopentadiene
 Concen: 22.764 ng
 RT: 9.14 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BF108591.D
 Acq: 29 Aug 2018 7:52

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	61.9	44.8	84.8
272	12.8	0.0	33.3





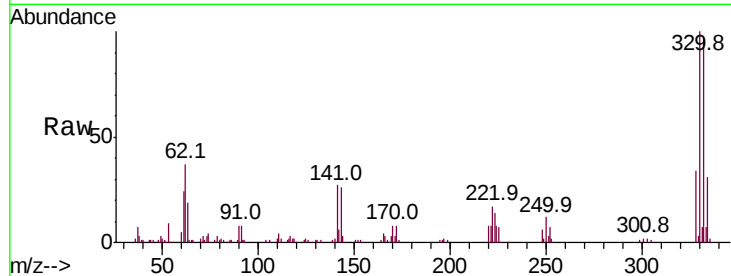
#41
 2,4,6-Tribromophenol
 Concen: 73.962 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108591.D
 Acq: 29 Aug 2018 7:52

Instrument :
 BNA_F
 ClientSampled :
 PB112433BSD

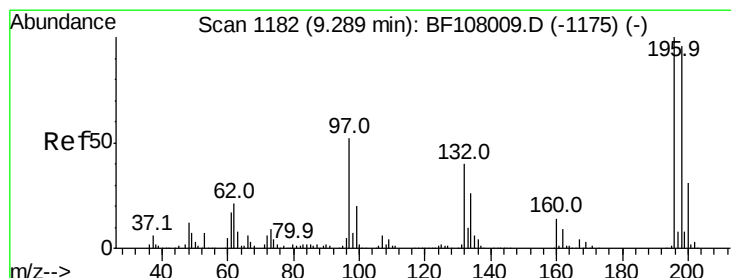
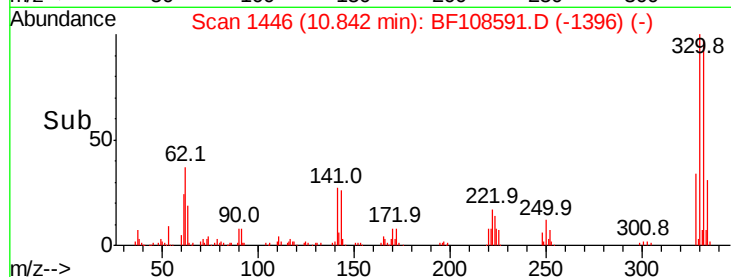
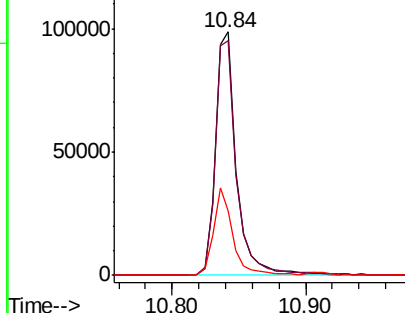
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.1	77.0	115.6	
141	32.9	29.9	44.9	

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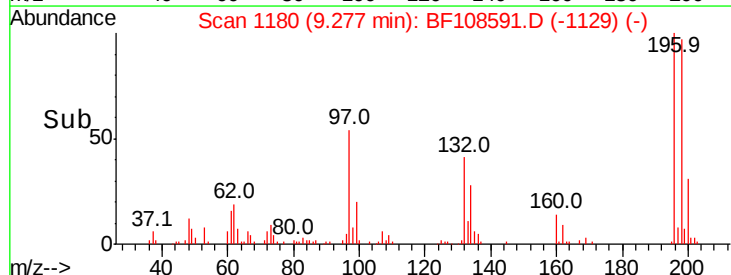
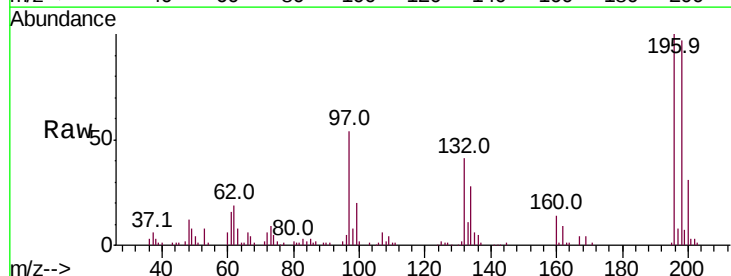
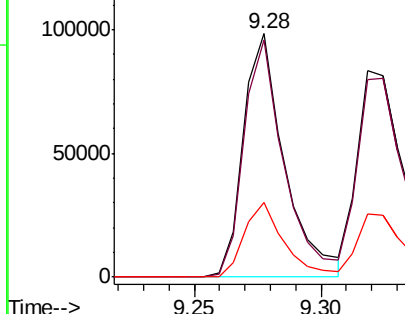
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 39.448 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF108591.D
 Acq: 29 Aug 2018 7:52

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	97.2	75.7	113.5	
200	30.7	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





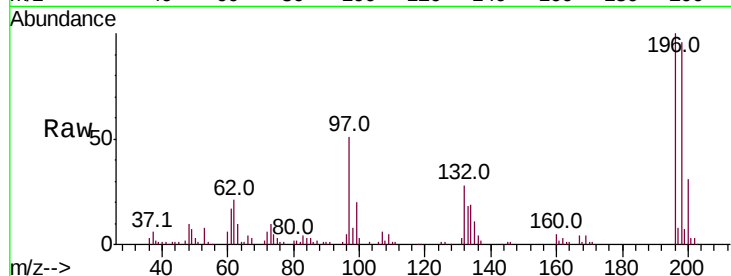
#43
 2,4,5-Trichlorophenol
 Concen: 38.477 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BF108591.D
 Acq: 29 Aug 2018 7:52

Instrument :
 BNA_F
 ClientSampleId :
 PB112433BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	119774		
198	95.7	74.6	112.0	
97	50.8	42.9	64.3	
132	27.9	26.3	39.5	

Manual Integrations
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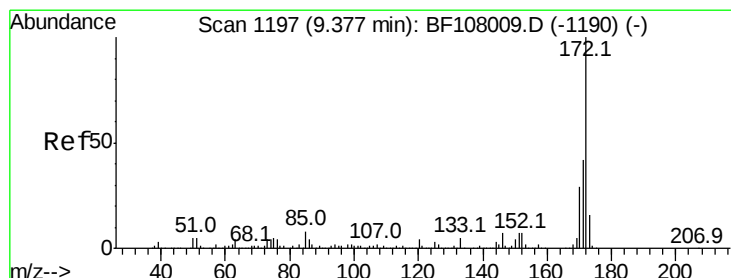
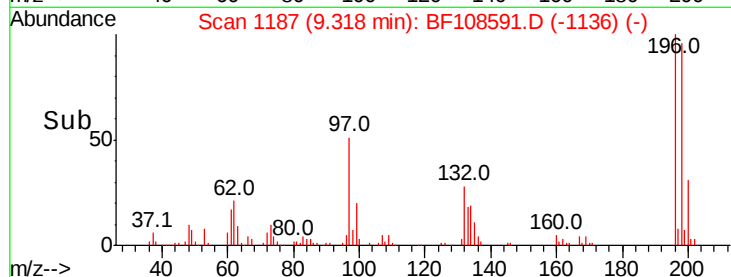
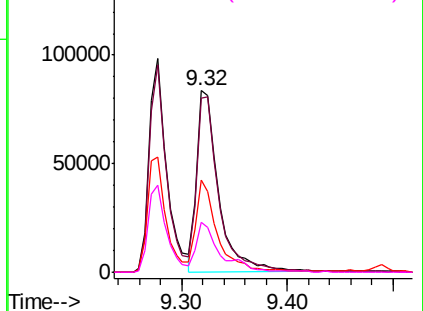
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 93.704 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108591.D
 Acq: 29 Aug 2018 7:52

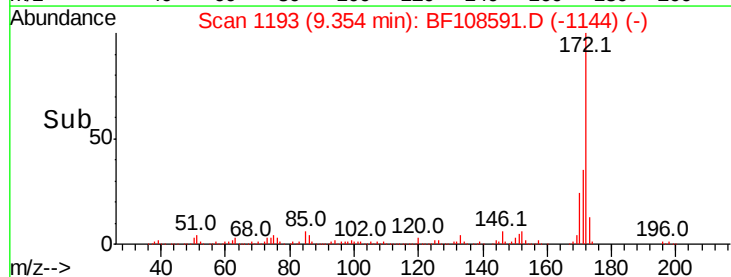
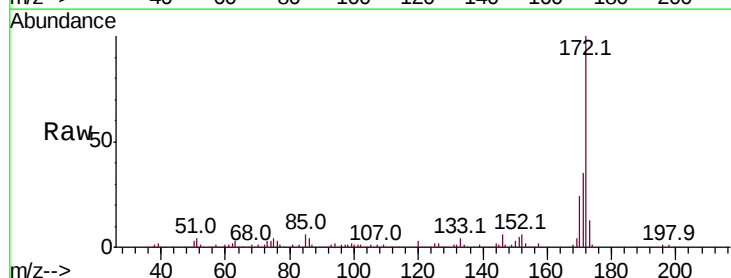
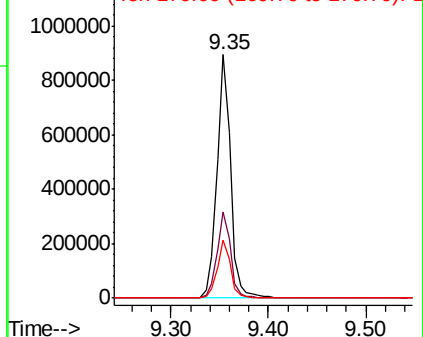
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	866076		
171	35.5	29.7	44.5	
170	24.0	19.6	29.4	

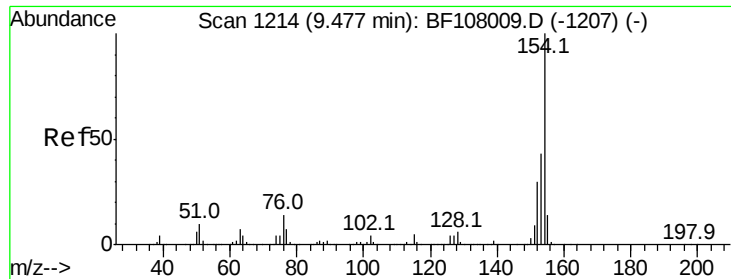
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





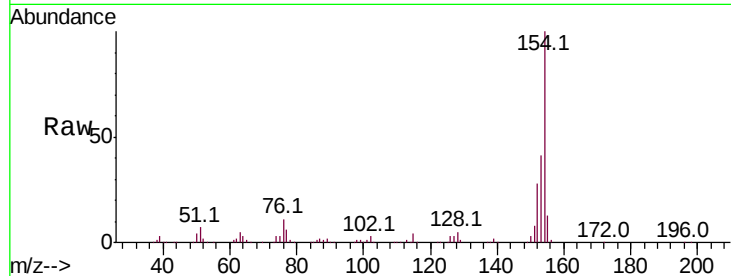
#45
 1,1'-Biphenyl
 Concen: 42.838 ng
 RT: 9.46 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF108591.D
 Acq: 29 Aug 2018 7:52

Instrument :
 BNA_F
 ClientSampleId :
 PB112433BSD

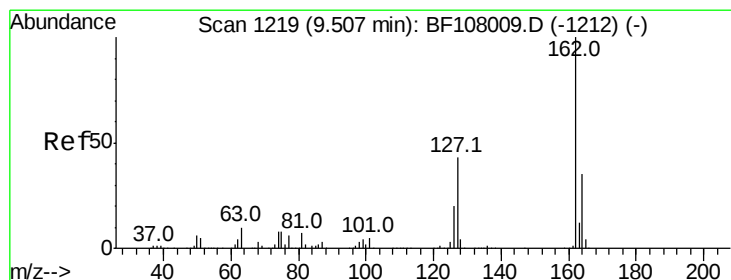
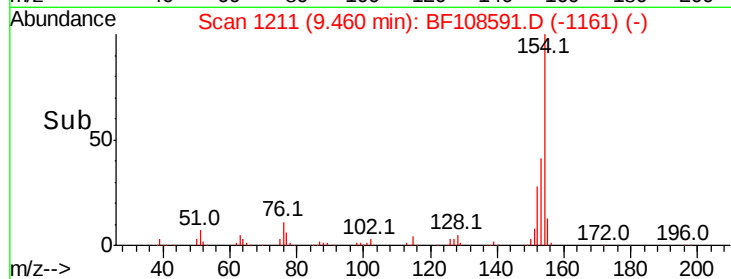
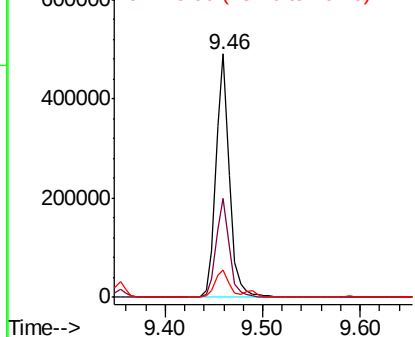
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.5	21.3	61.3	
76	11.4	0.0	34.0	

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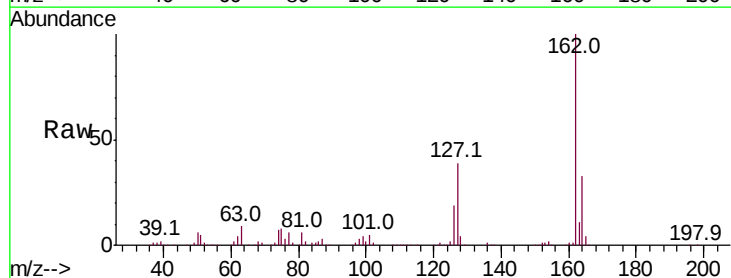


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

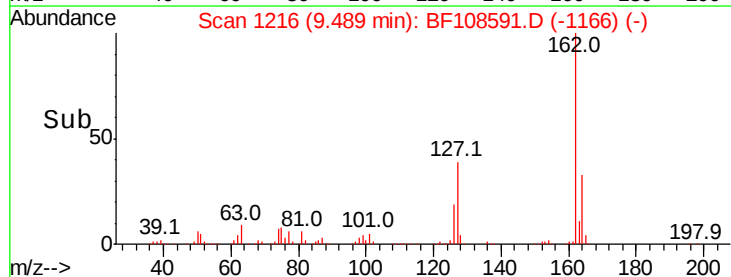
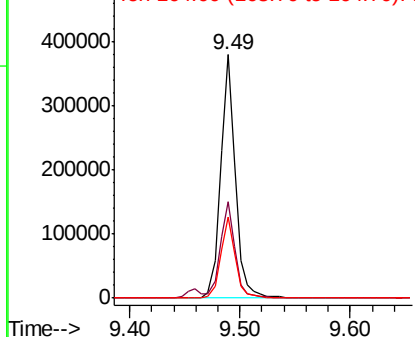


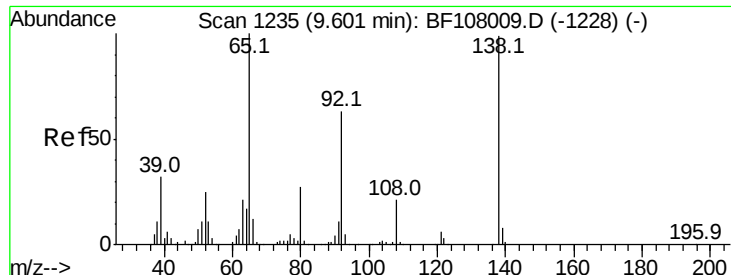
#46
 2-Chloronaphthalene
 Concen: 40.820 ng
 RT: 9.49 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF108591.D
 Acq: 29 Aug 2018 7:52

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.5	33.9	50.9	
164	33.2	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





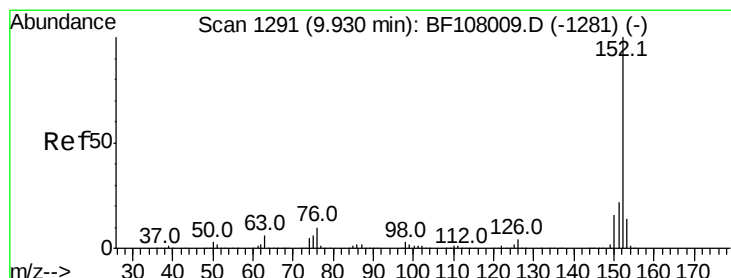
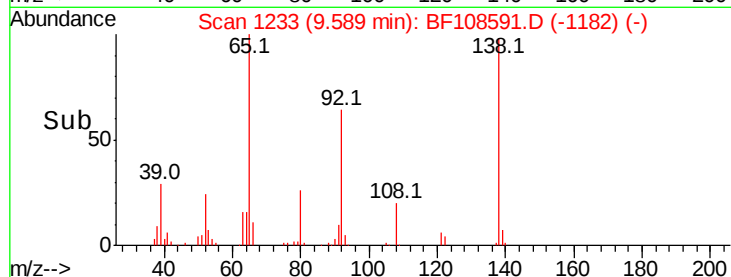
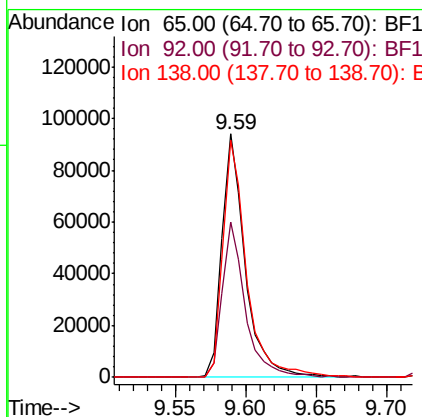
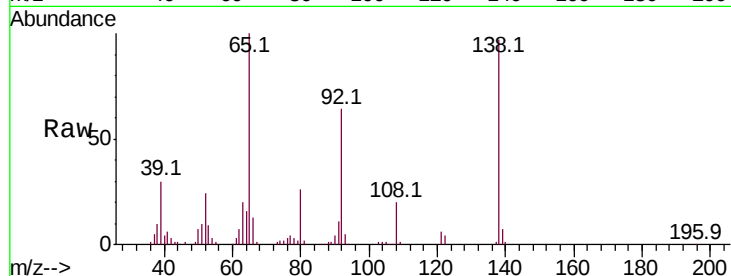
#47
2-Nitroaniline
Concen: 38.689 ng
RT: 9.59 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Instrument :
BNA_F
ClientSampleId :
PB112433BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.0	55.8	83.6
138	97.3	91.2	136.8

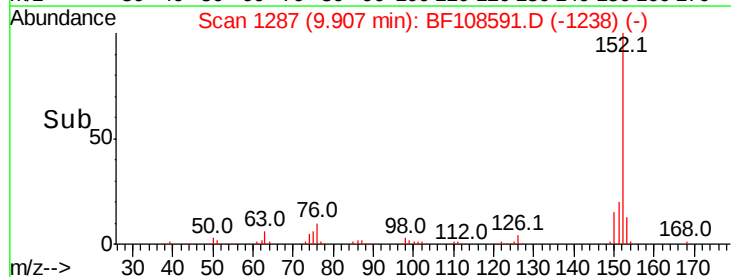
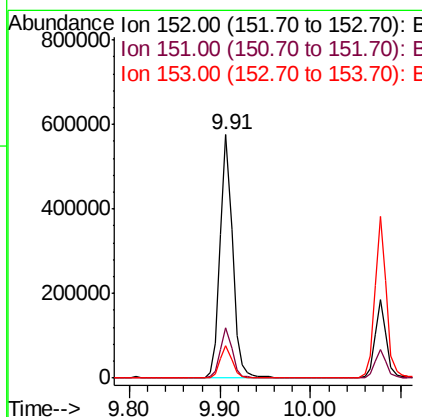
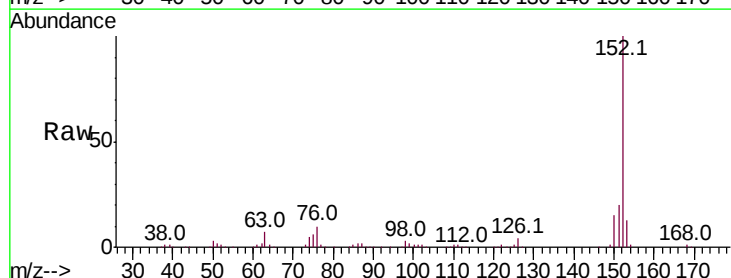
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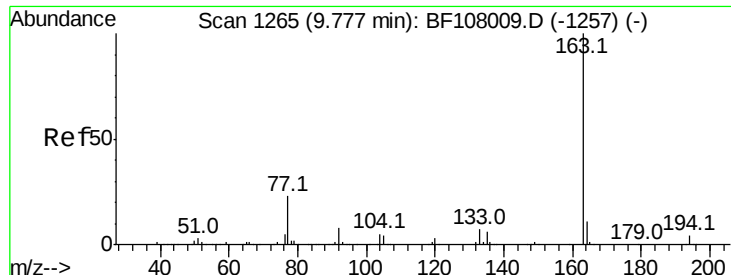
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#48
Acenaphthylene
Concen: 39.806 ng
RT: 9.91 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	13.4	10.7	16.1





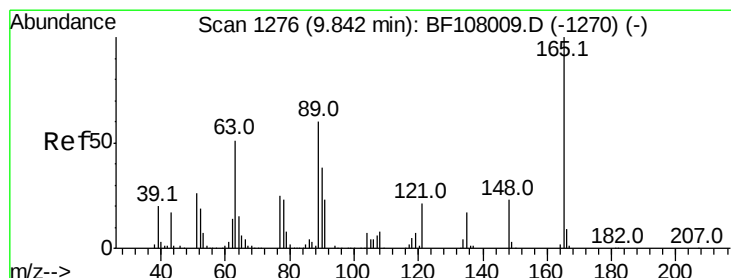
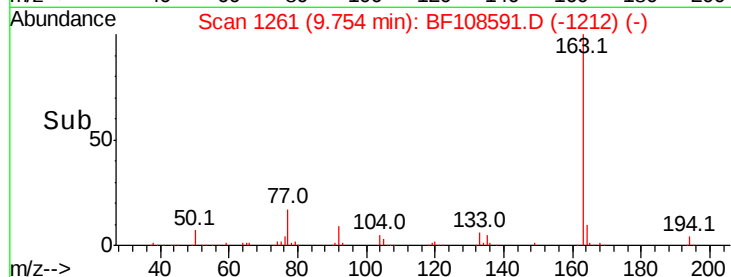
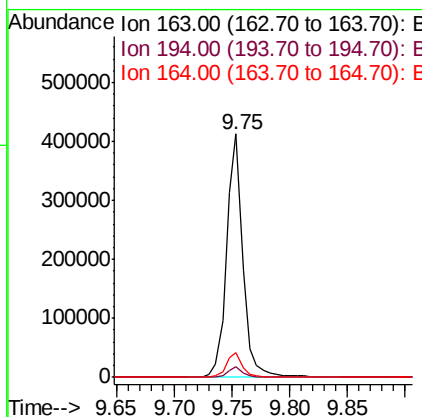
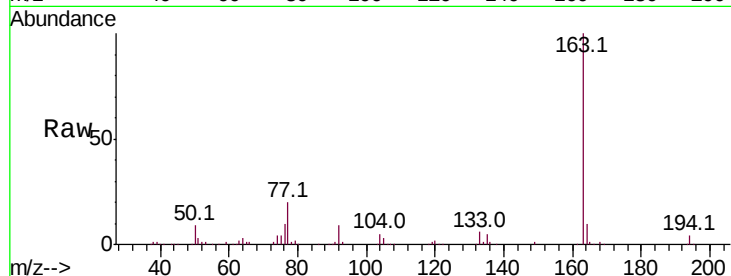
#49
Dimethylphthalate
Concen: 38.946 ng
RT: 9.75 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Instrument :
BNA_F
ClientSampled :
PB112433BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.3	2.7	4.1#	
164	10.0	8.2	12.2	

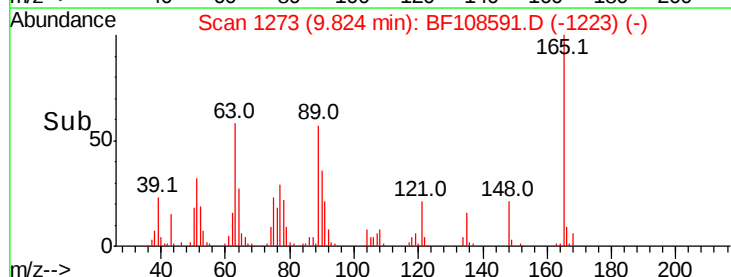
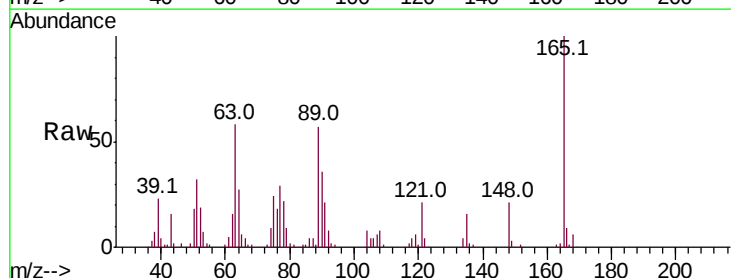
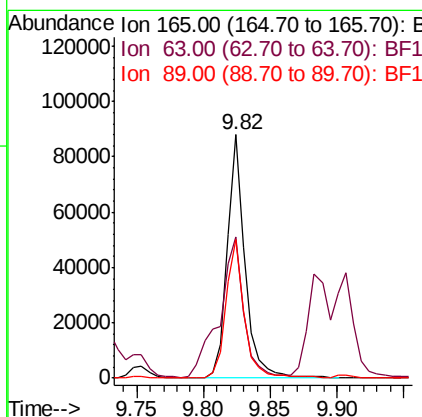
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#50
2,6-Dinitrotoluene
Concen: 38.349 ng
RT: 9.82 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	58.0	44.7	67.1	
89	56.7	44.0	66.0	





#51

Acenaphthene

Concen: 38.575 ng

RT: 10.08 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF108591.D

Acq: 29 Aug 2018 7:52

Instrument :

BNA_F

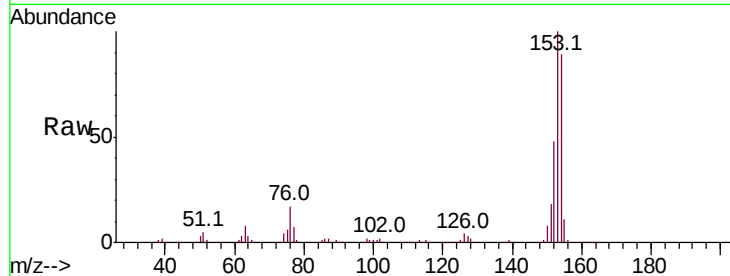
ClientSampleId :

PB112433BSD

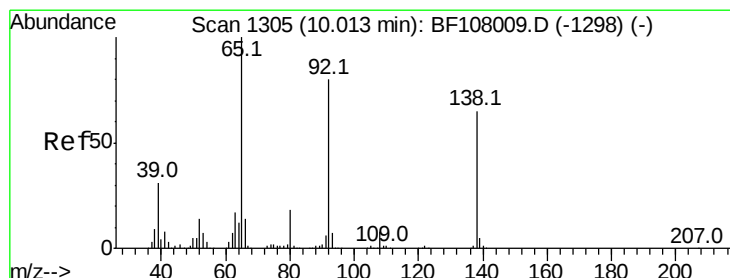
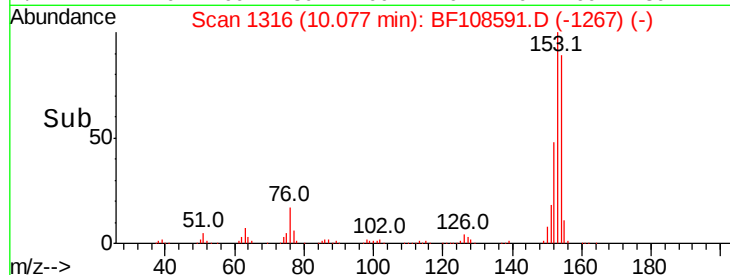
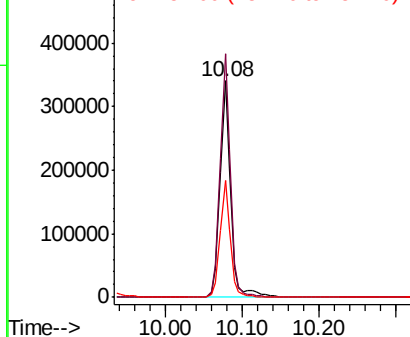
Tot Ion:	154	Resp:	322994
Ion Ratio	Lower	Upper	
154	100		
153	112.6	91.2	136.8
152	54.2	43.8	65.8

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



#52

3-Nitroaniline

Concen: 19.903 ng

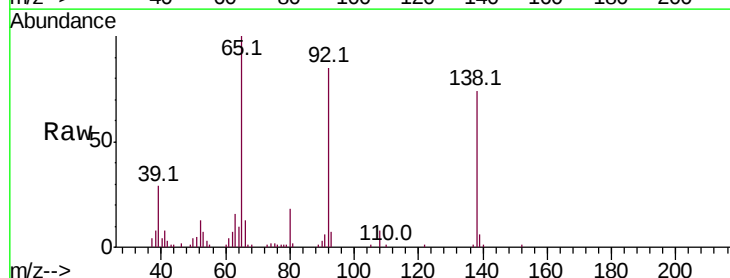
RT: 10.01 min Scan# 1304

Delta R.T. -0.00 min

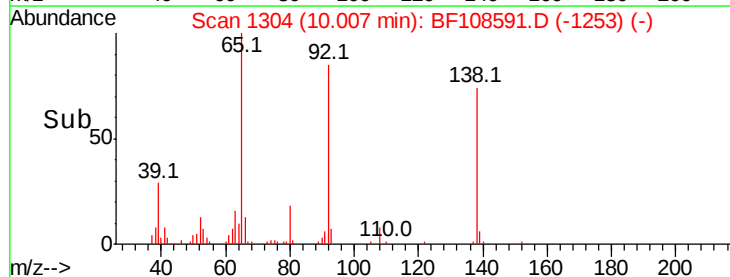
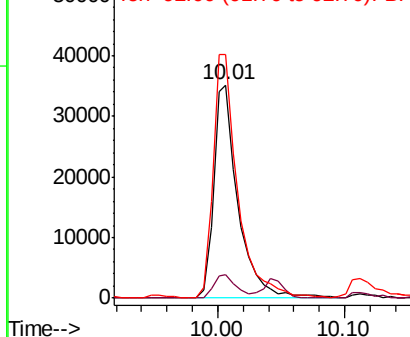
Lab File: BF108591.D

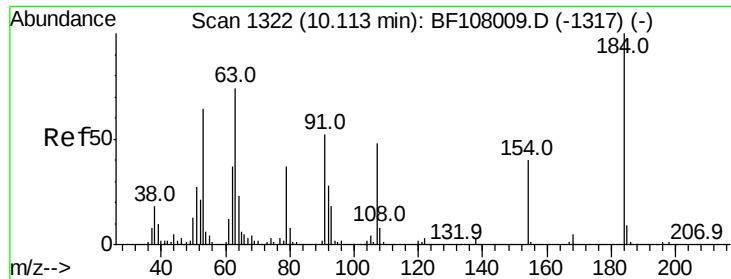
Acq: 29 Aug 2018 7:52

Tgt Ion:	138	Resp:	47094
Ion Ratio	Lower	Upper	
138	100		
108	10.8	9.4	14.0
92	114.1	89.4	134.2



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





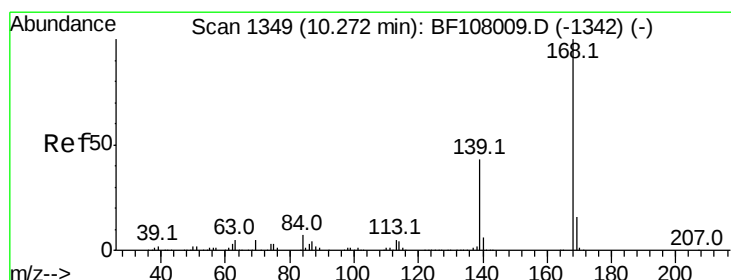
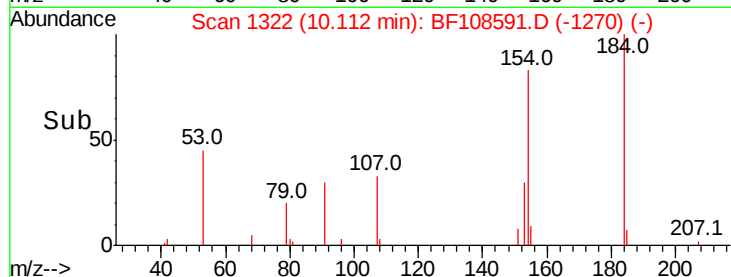
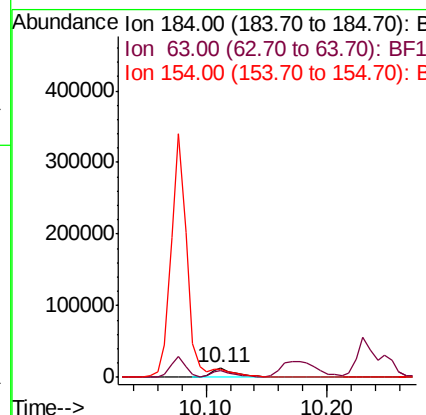
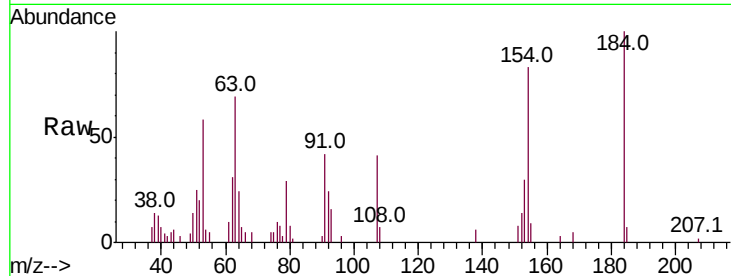
#53
2,4-Dinitrophenol
Concen: 28.838 ng
RT: 10.11 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Instrument :
BNA_F
ClientSampleId :
PB112433BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	68.6	54.2	81.2	
154	83.4	184.0	276.0	

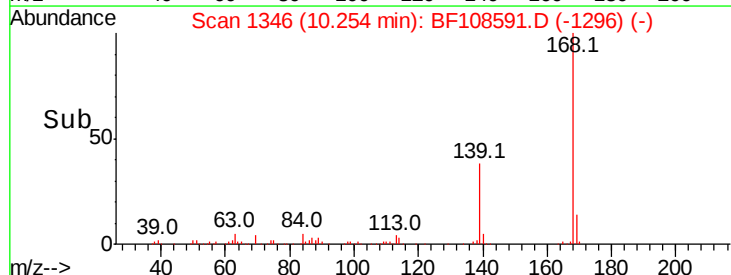
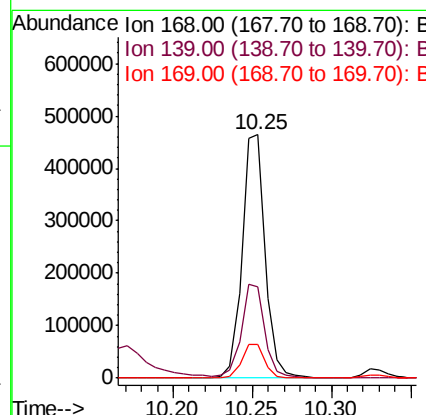
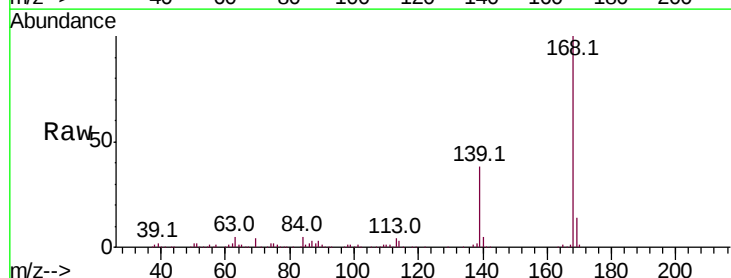
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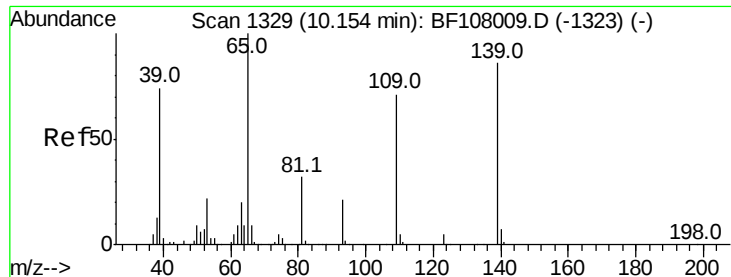
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#54
Dibenzofuran
Concen: 38.464 ng
RT: 10.25 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	37.6	30.1	45.1	
169	13.8	10.9	16.3	





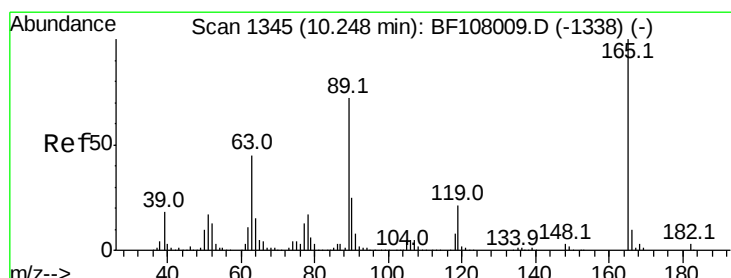
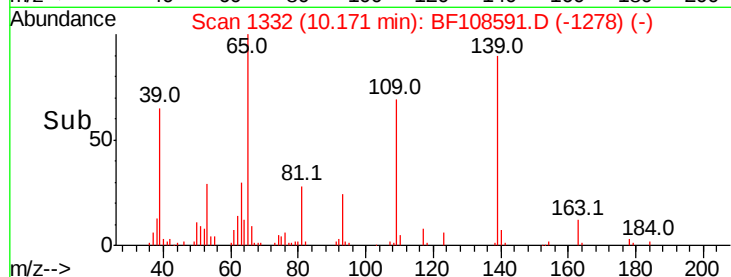
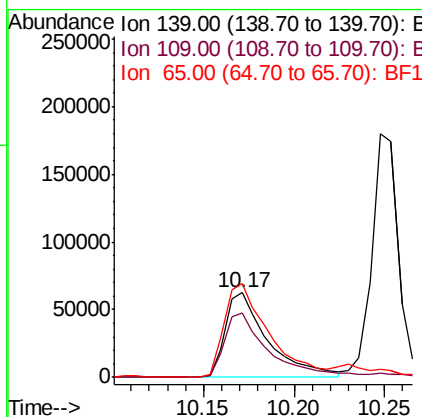
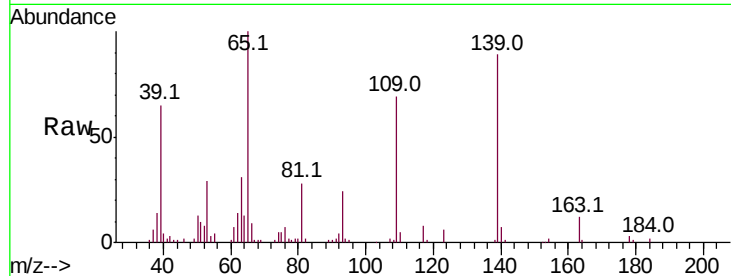
#55
4-Nitrophenol
Concen: 57.302 ng
RT: 10.17 min Scan# 1332
Delta R.T. 0.02 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Instrument :
BNA_F
ClientSampleId :
PB112433BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	77.2	48.4	88.4	
65	111.8	72.6	112.6	

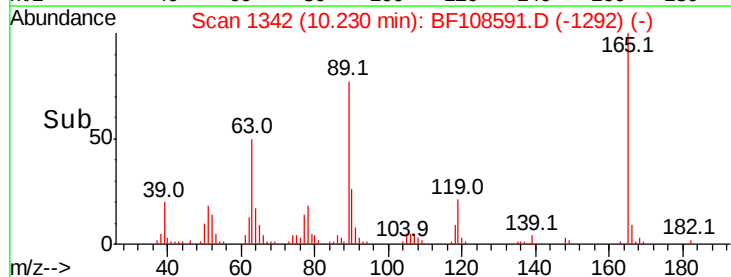
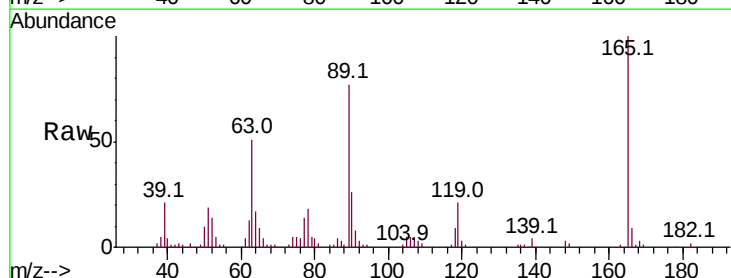
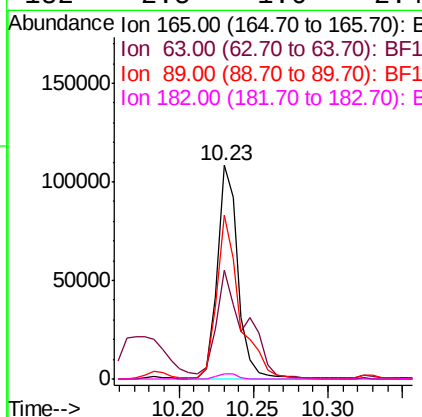
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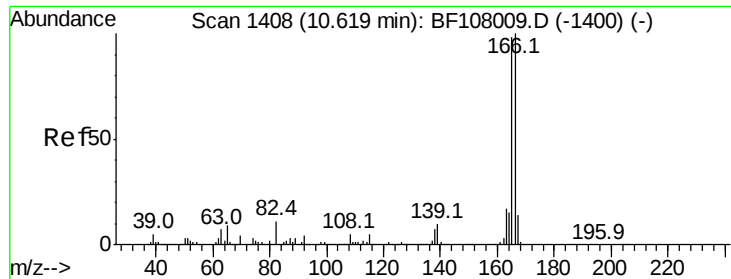
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#56
2,4-Dinitrotoluene
Concen: 37.924 ng
RT: 10.23 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	51.3	36.4	54.6	
89	76.9	57.8	86.6	
182	2.5	1.6	2.4	#





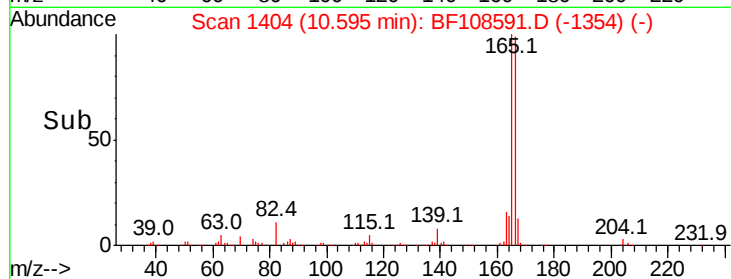
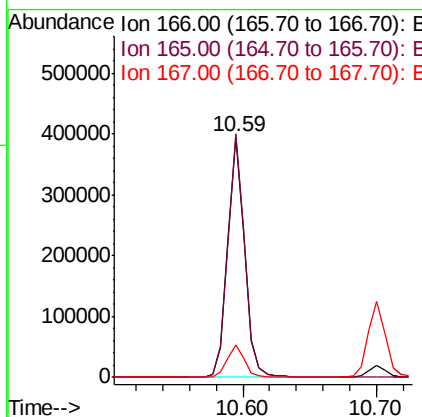
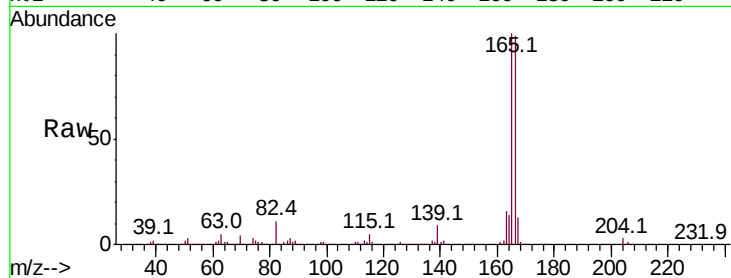
#57
 Fluorene
 Concen: 37.294 ng
 RT: 10.59 min Scan# 1404
 Delta R.T. -0.01 min
 Lab File: BF108591.D
 Acq: 29 Aug 2018 7:52

Instrument :
 BNA_F
 ClientSampled :
 PB112433BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	101.3	79.8	119.8	
167	13.5	10.6	16.0	

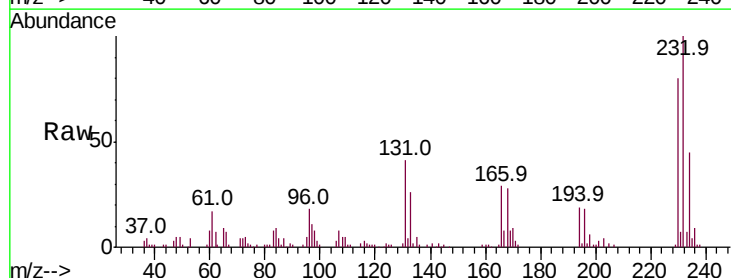
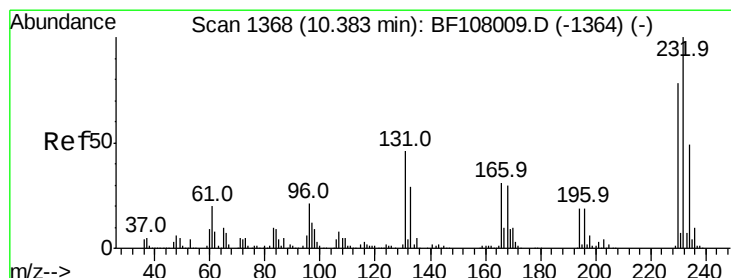
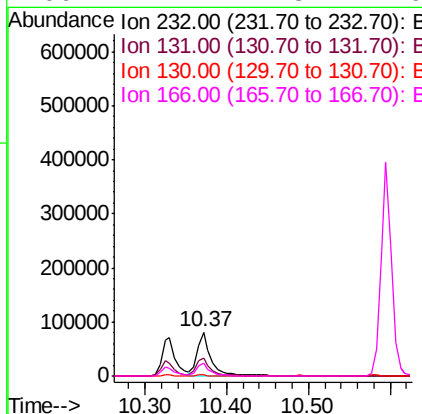
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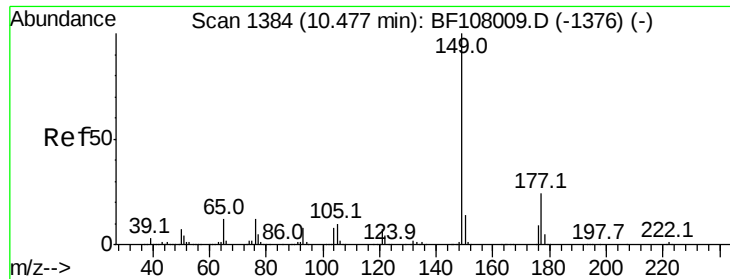
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.146 ng
 RT: 10.37 min Scan# 1366
 Delta R.T. -0.00 min
 Lab File: BF108591.D
 Acq: 29 Aug 2018 7:52

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	39.4	43.8	65.8#	
130	2.0	2.1	3.1#	
166	27.2	27.8	41.6#	





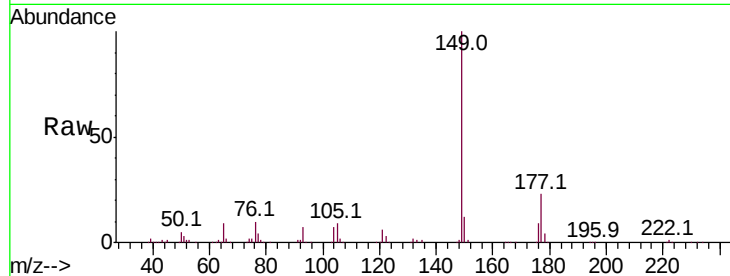
#59
Diethylphthalate
Concen: 37.157 ng
RT: 10.45 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Instrument :
BNA_F
ClientSampleId :
PB112433BSD

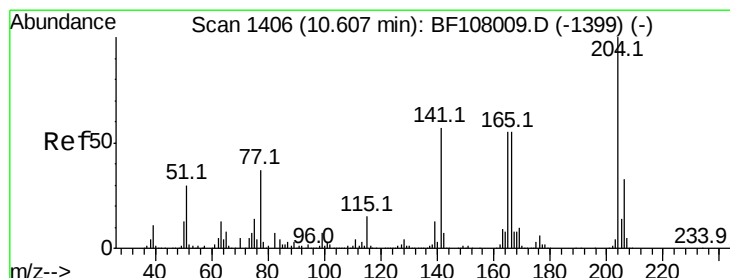
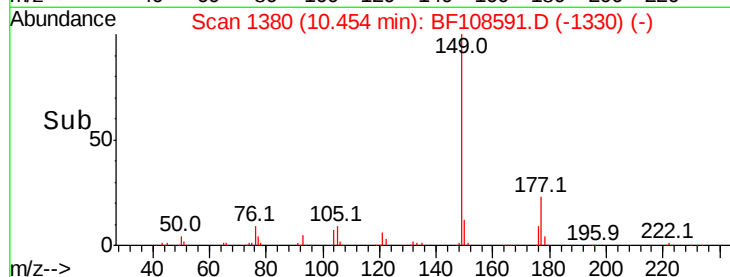
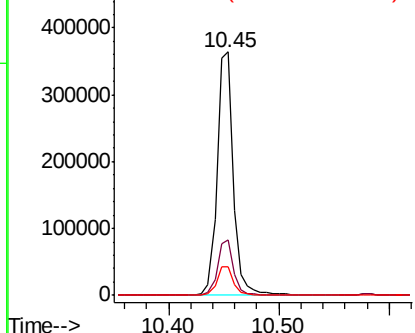
Tot Ion	Ratio	Resp	Lower	Upper
149	100	371911		
177	22.6	16.1	24.1	
150	11.9	10.1	15.1	

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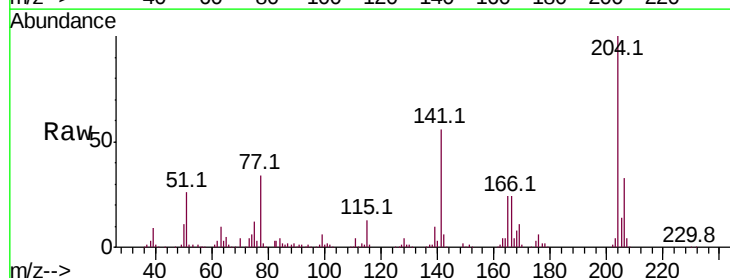


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

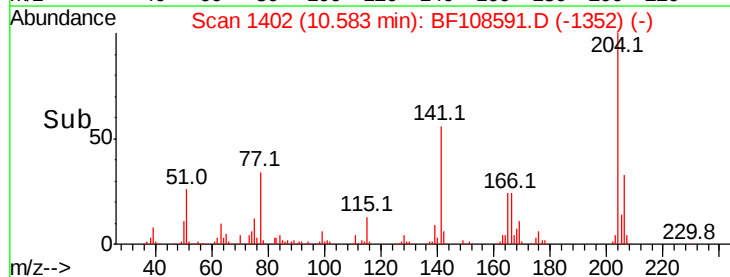
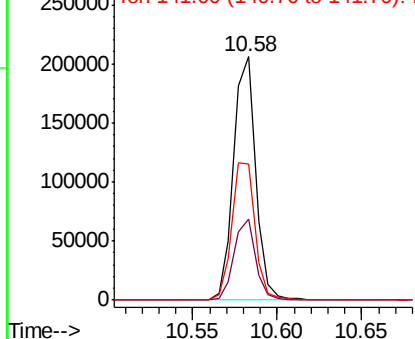


#60
4-Chlorophenyl-phenylether
Concen: 37.398 ng
RT: 10.58 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	187133		
206	33.2	26.5	39.7	
141	56.0	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





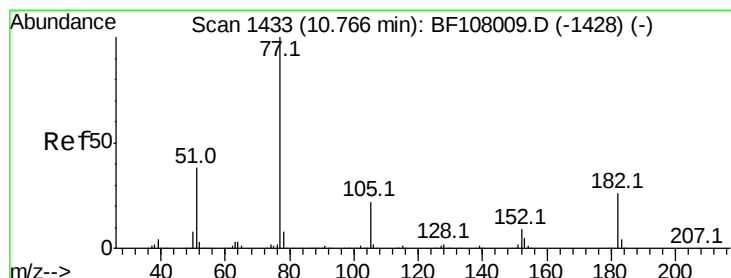
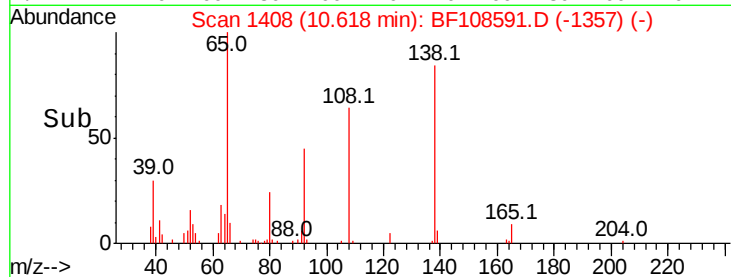
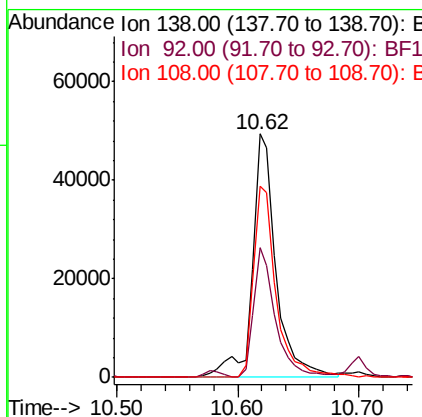
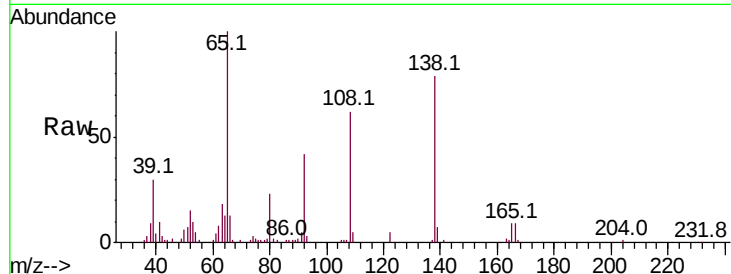
#61
4-Nitroaniline
Concen: 28.951 ng
RT: 10.62 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Instrument :
BNA_F
ClientSampleId :
PB112433BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.5	30.2	70.2
108	78.7	52.5	92.5

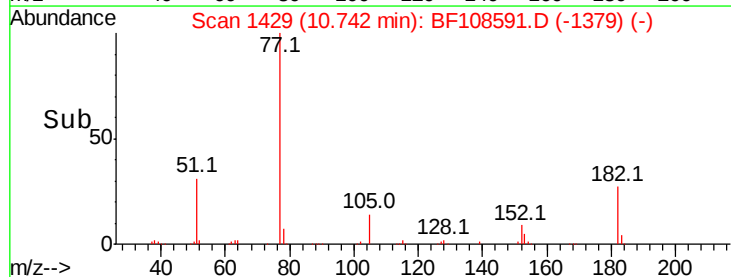
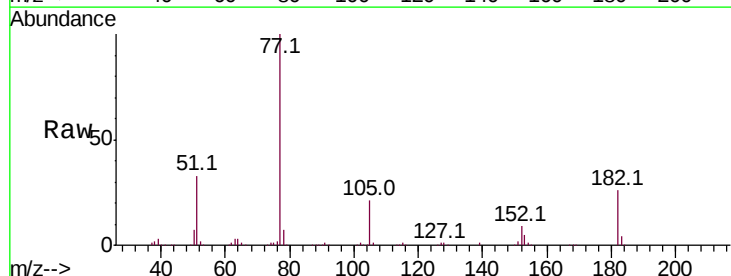
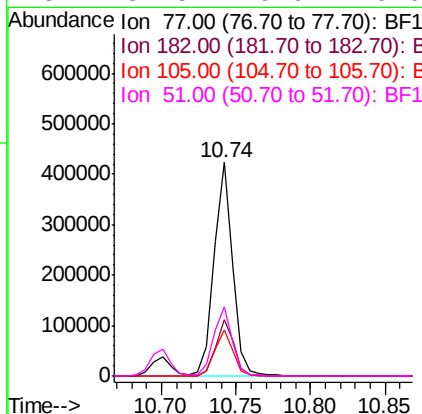
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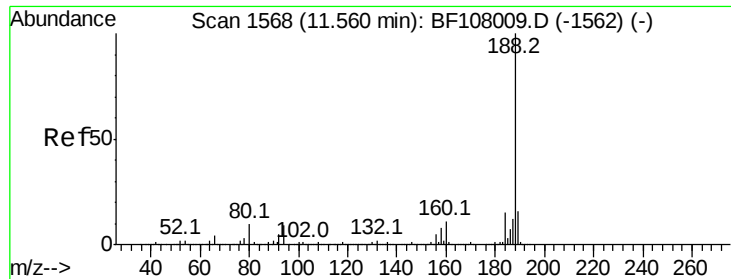
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#62
Azobenzene
Concen: 35.288 ng
RT: 10.74 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.1	1.7	41.7
105	21.4	3.0	43.0
51	32.5	9.9	49.9





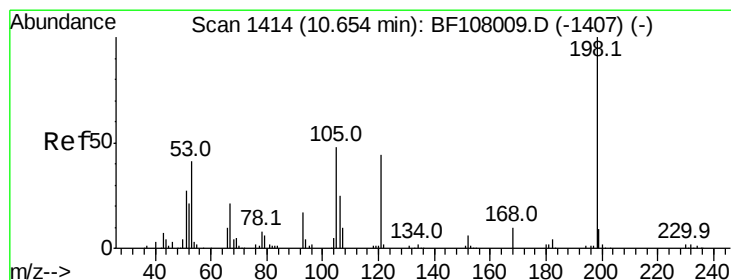
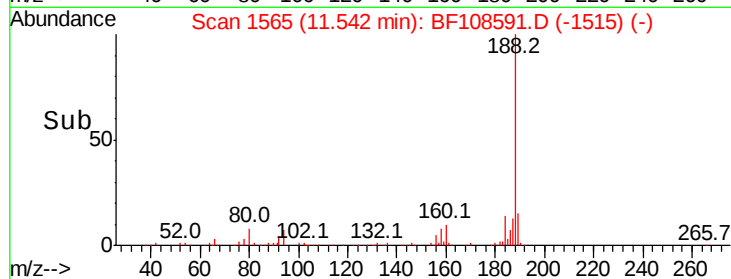
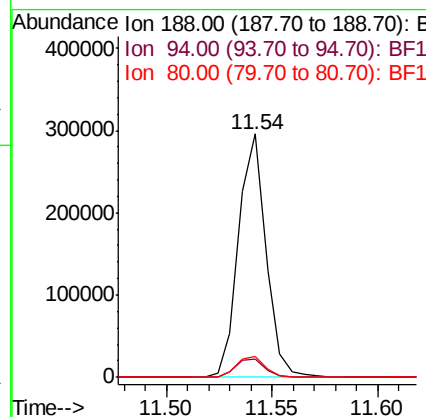
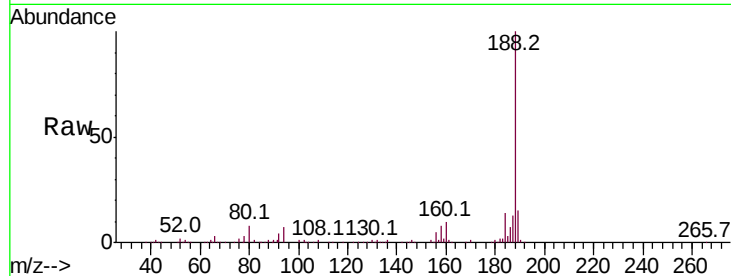
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Instrument :
BNA_F
ClientSampleId :
PB112433BSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	7.4	8.5	12.7#	
80	8.4	9.2	13.8#	

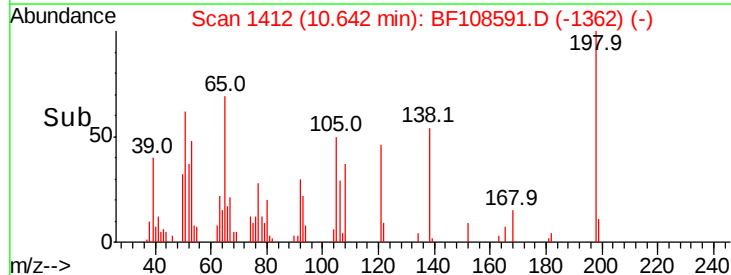
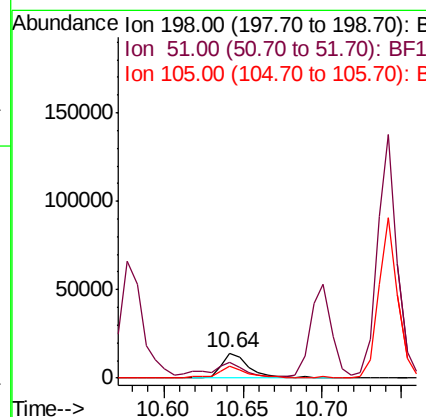
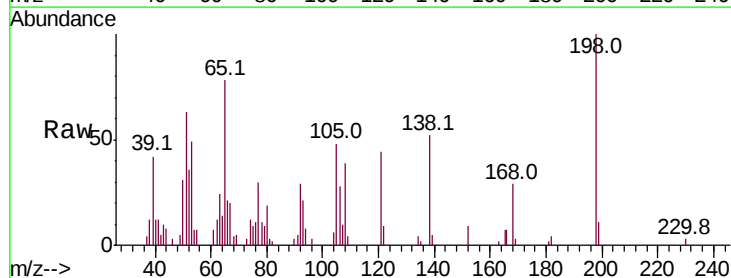
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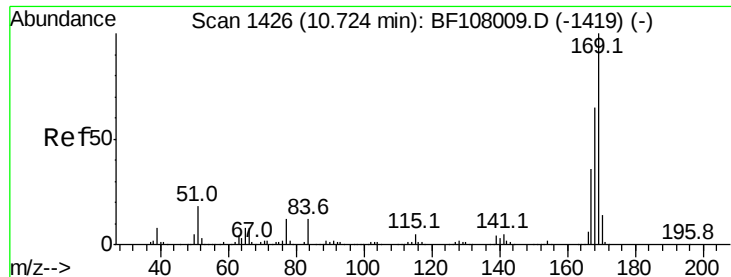
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#64
4,6-Dinitro-2-methylphenol
Concen: 20.270 ng
RT: 10.64 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	62.8	37.7	77.7	
105	48.4	36.3	76.3	





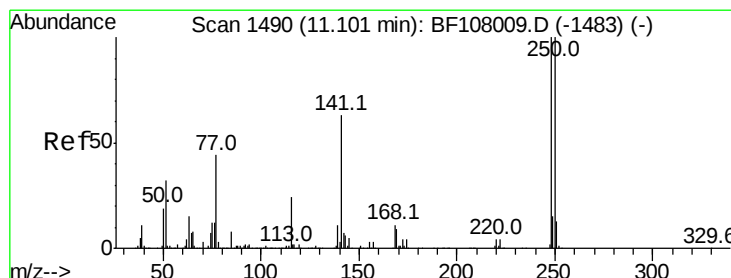
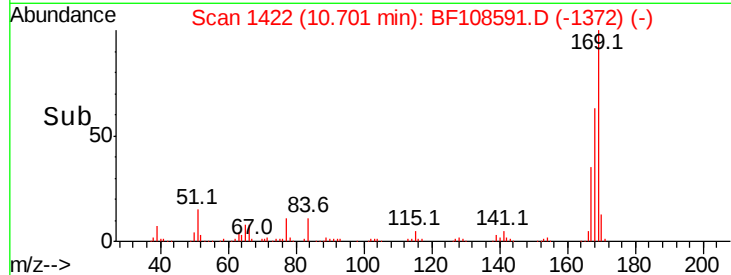
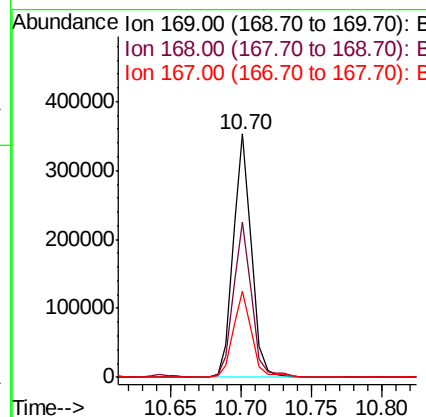
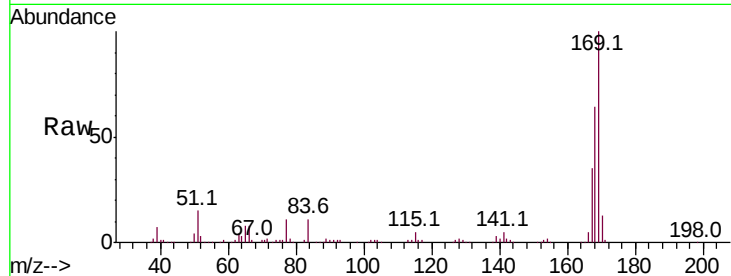
#65
n-Nitrosodiphenylamine
Concen: 40.008 ng
RT: 10.70 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Instrument :
BNA_F
ClientSampleId :
PB112433BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	63.8	54.4	81.6	
167	35.3	29.8	44.6	

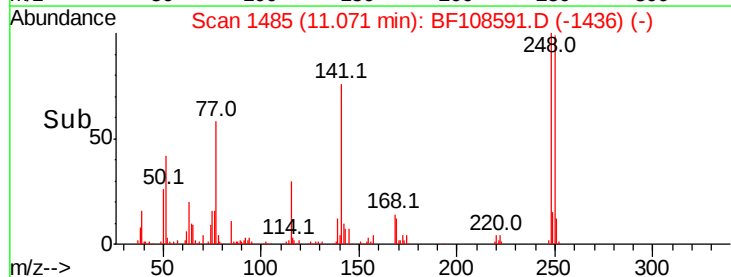
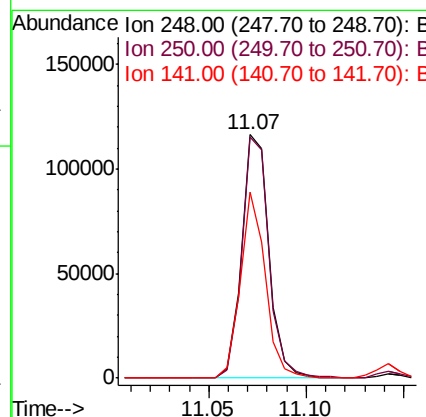
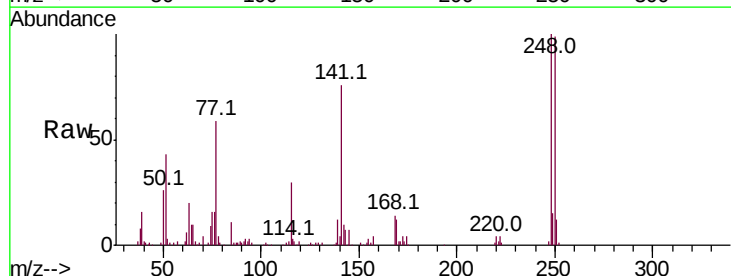
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#66
4-Bromophenyl-phenylether
Concen: 39.071 ng
RT: 11.07 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	99.1	76.9	115.3	
141	76.2	74.4	111.6	





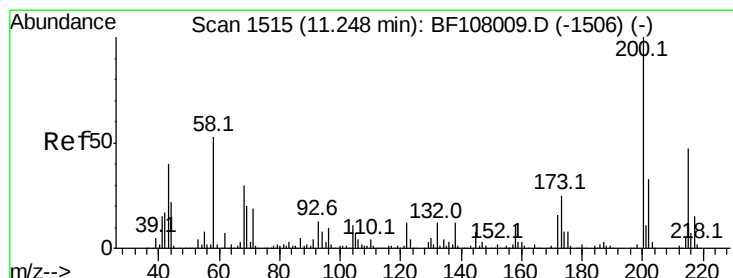
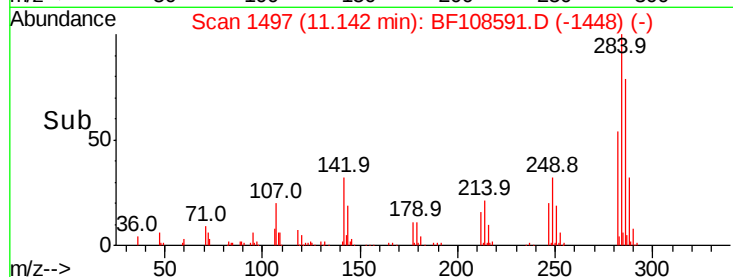
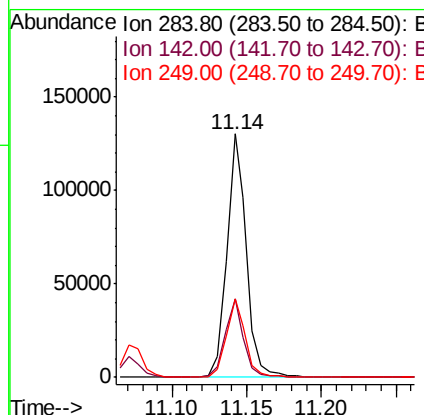
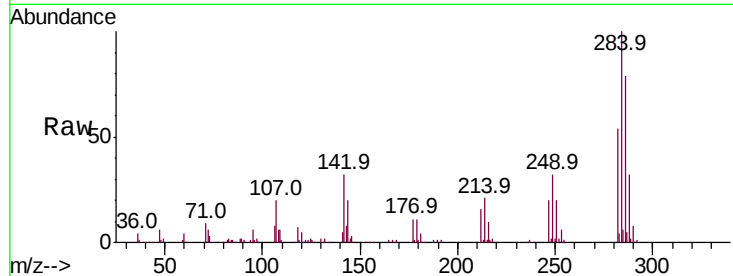
#67
Hexachlorobenzene
Concen: 39.439 ng
RT: 11.14 min Scan# 1497
Delta R.T. -0.01 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Instrument :
BNA_F
ClientSampleId :
PB112433BSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	32.2	34.6	52.0	
249	32.4	24.8	37.2	

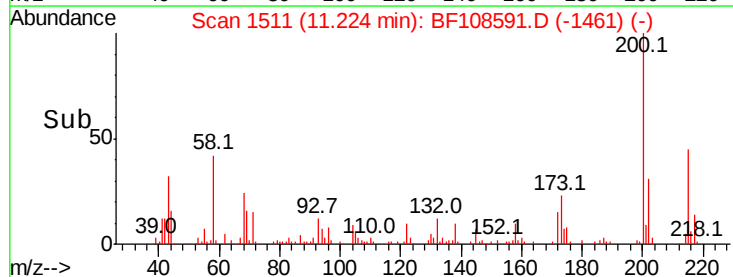
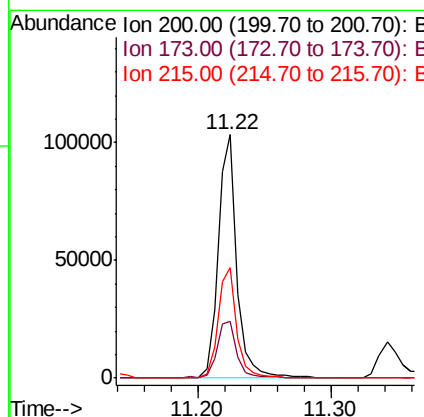
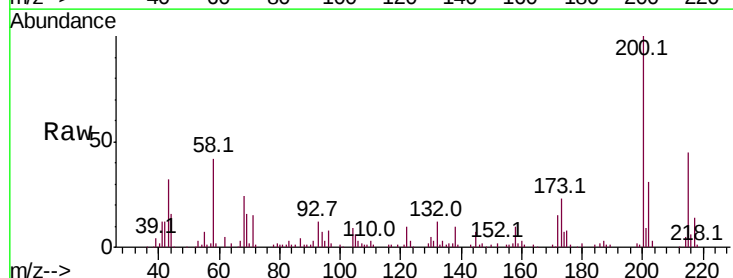
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#68
Atrazine
Concen: 38.477 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	23.2	8.6	48.6	
215	45.4	25.1	65.1	





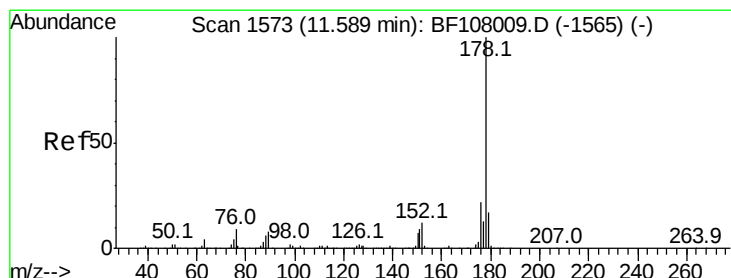
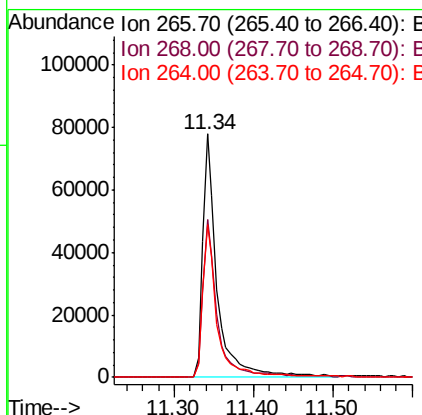
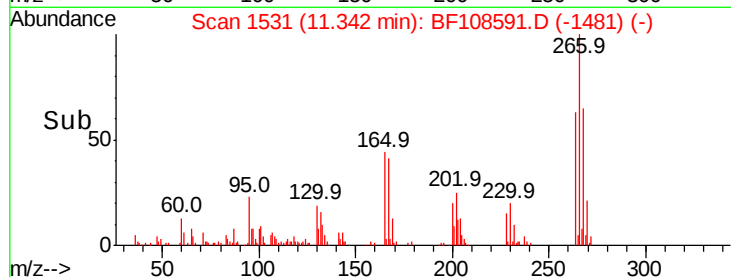
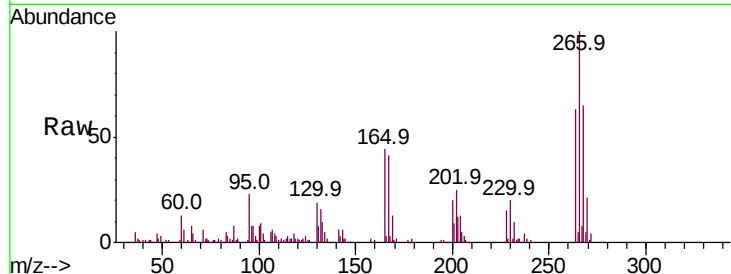
#69
 Pentachlorophenol
 Concen: 69.700 ng
 RT: 11.34 min Scan# 1531
 Delta R.T. -0.01 min
 Lab File: BF108591.D
 Acq: 29 Aug 2018 7:52

Instrument :
 BNA_F
 ClientSampleId :
 PB112433BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	65.0	51.1	76.7	
264	62.7	49.5	74.3	

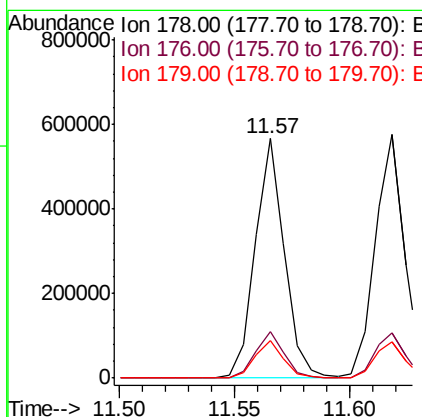
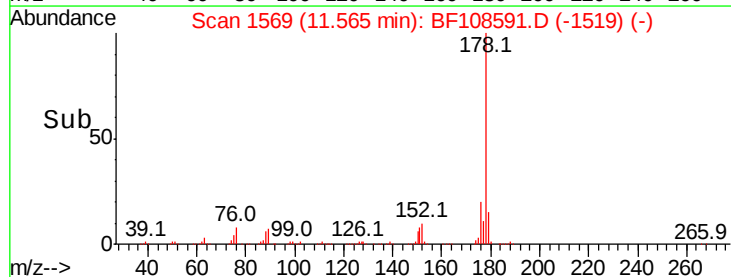
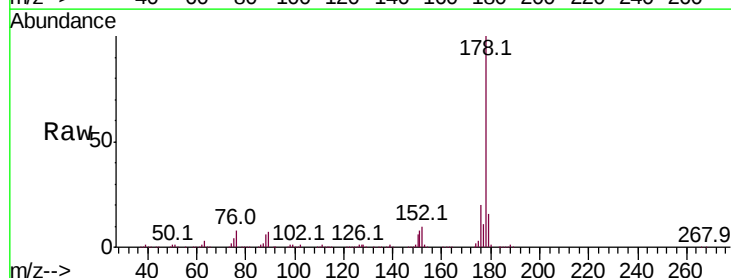
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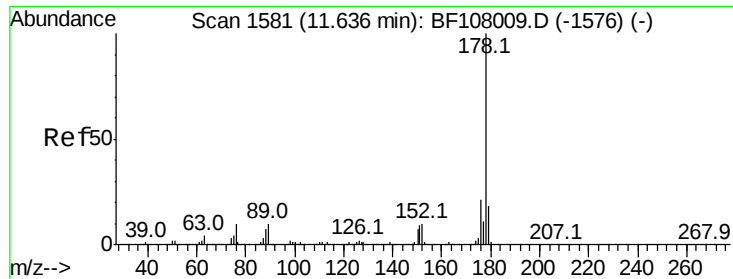
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#70
 Phenanthrene
 Concen: 40.002 ng
 RT: 11.57 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF108591.D
 Acq: 29 Aug 2018 7:52

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	19.7	15.8	23.8	
179	15.5	13.0	19.6	





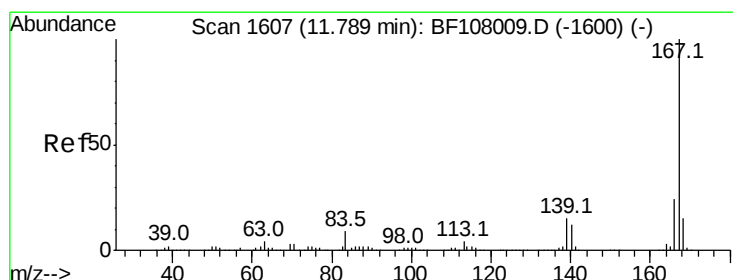
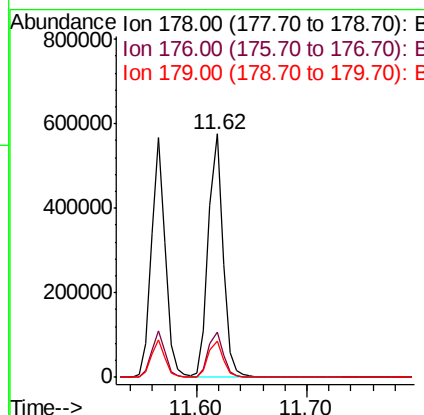
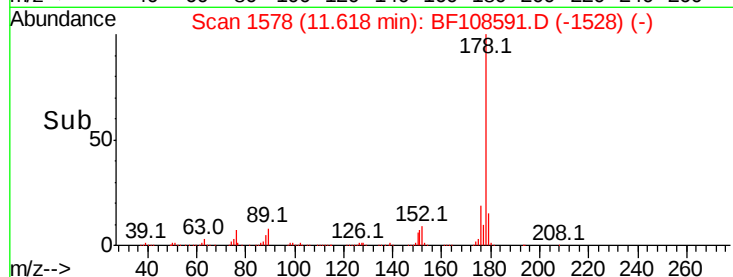
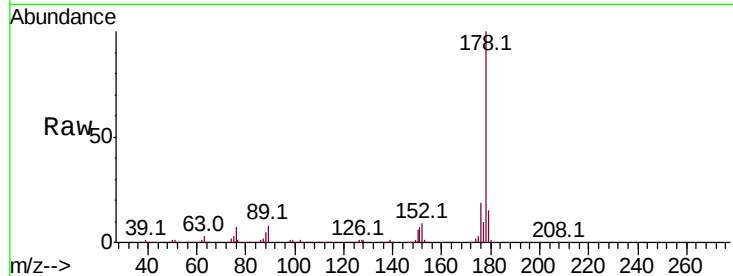
#71
 Anthracene
 Concen: 40.314 ng
 RT: 11.62 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF108591.D
 Acq: 29 Aug 2018 7:52

Instrument :
 BNA_F
 ClientSampleId :
 PB112433BSD

Tot Ion:	178	Resp:	517294
Ion Ratio	Lower	Upper	
178	100		
176	18.7	15.4	23.2
179	15.1	12.6	19.0

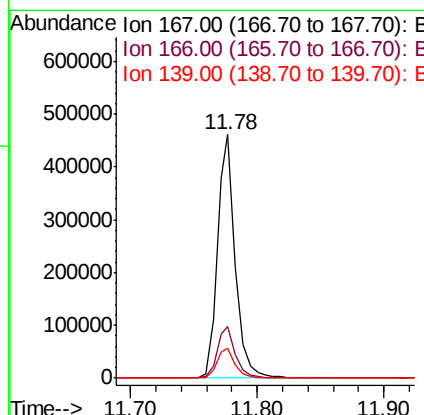
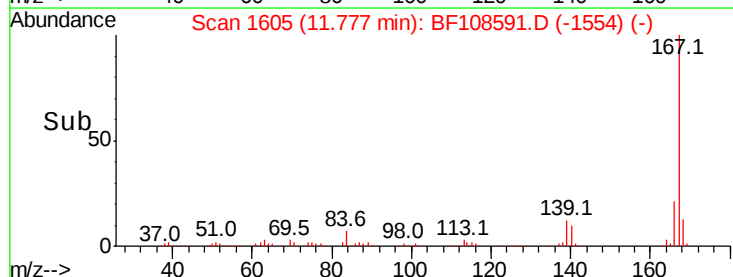
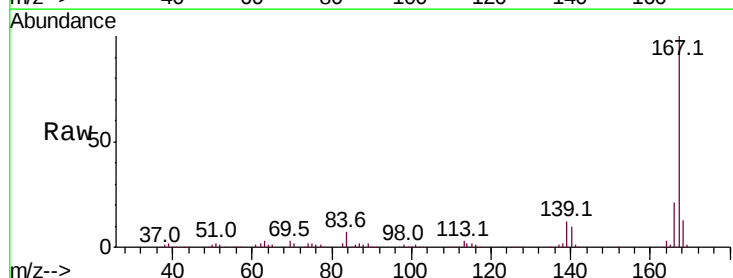
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#72
 Carbazole
 Concen: 39.795 ng
 RT: 11.78 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BF108591.D
 Acq: 29 Aug 2018 7:52

Tgt Ion:	167	Resp:	453678
Ion Ratio	Lower	Upper	
167	100		
166	21.0	17.6	26.4
139	12.2	10.9	16.3





#73

Di-n-butylphthalate

Concen: 41.070 ng

RT: 12.08 min Scan# 1657

Delta R.T. -0.01 min

Lab File: BF108591.D

Acq: 29 Aug 2018 7:52

Instrument :

BNA_F

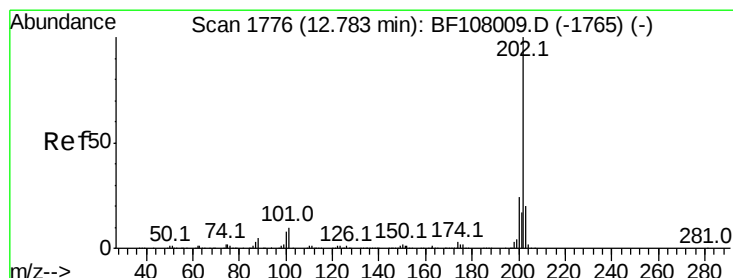
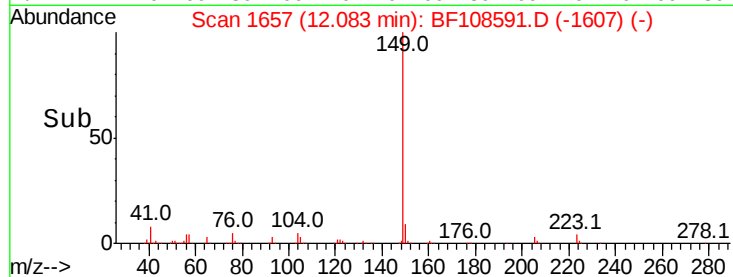
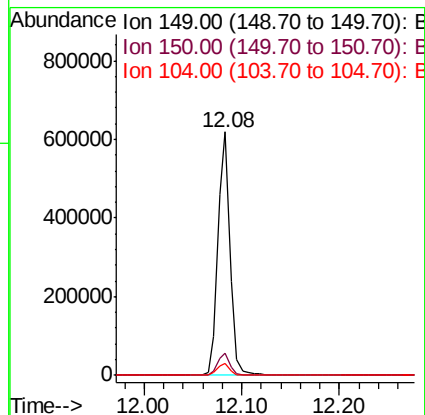
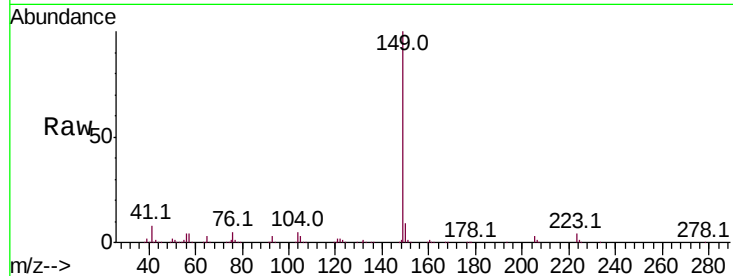
ClientSampleId :

PB112433BSD

Tot Ion:	149	Resp:	530335
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.8	11.6
104	4.9	3.8	5.8

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#74

Fluoranthene

Concen: 42.808 ng

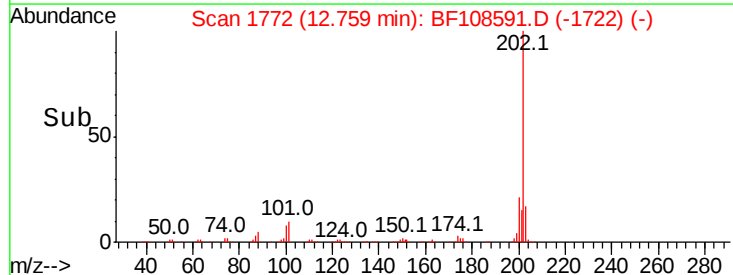
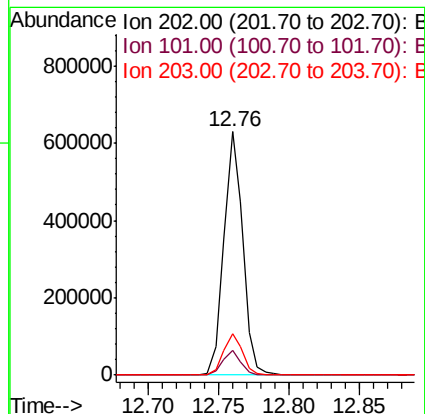
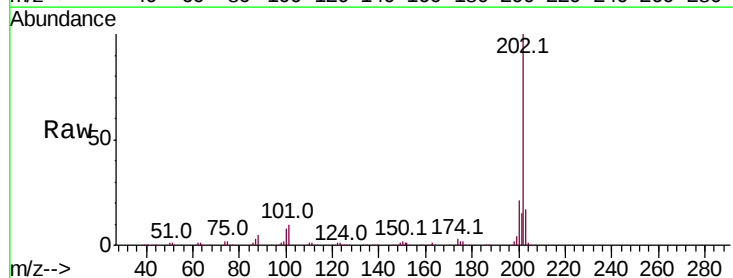
RT: 12.76 min Scan# 1772

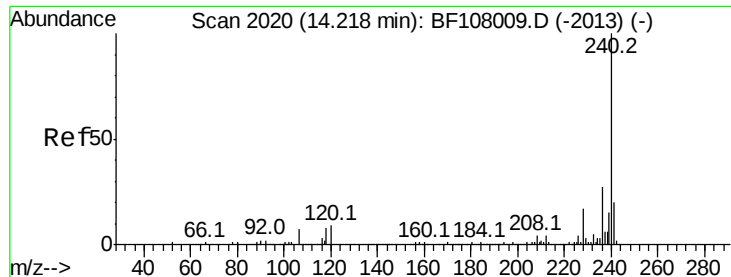
Delta R.T. -0.01 min

Lab File: BF108591.D

Acq: 29 Aug 2018 7:52

Tgt Ion:	202	Resp:	584905
Ion Ratio	Lower	Upper	
202	100		
101	10.0	0.0	34.1
203	17.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108591.D

Acq: 29 Aug 2018 7:52

Instrument :

BNA_F

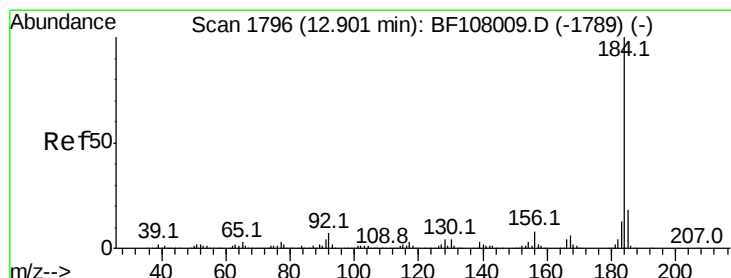
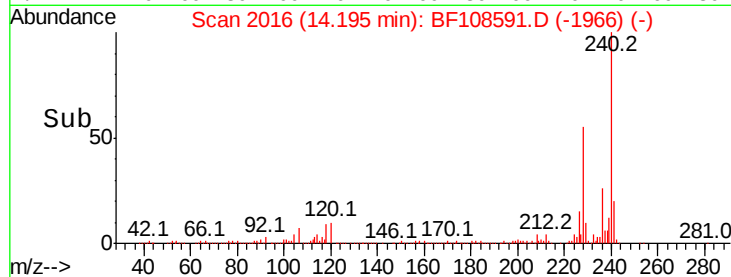
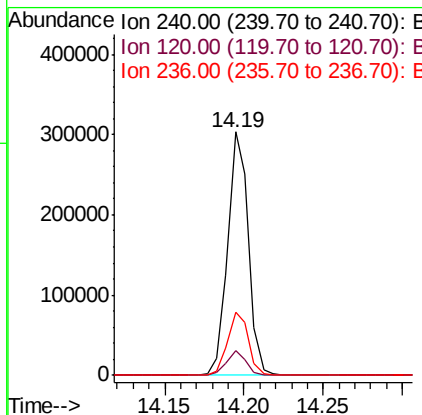
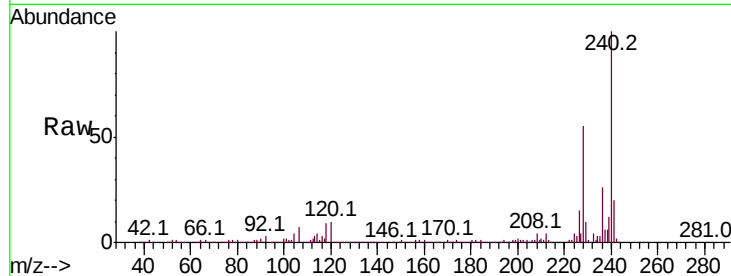
ClientSampleId :

PB112433BSD

Tot Ion:	240	Resp:	273245
Ion Ratio	Lower	Upper	
240	100		
120	10.3	9.5	14.3
236	26.1	20.7	31.1

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#76

Benzidine

Concen: 19.688 ng

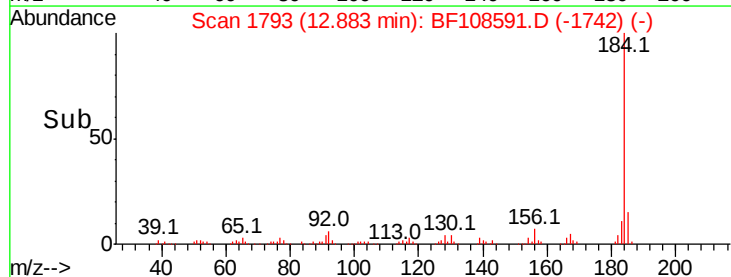
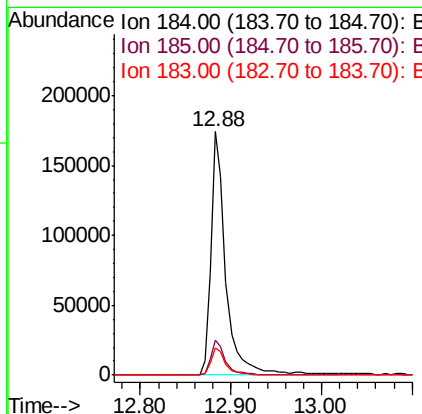
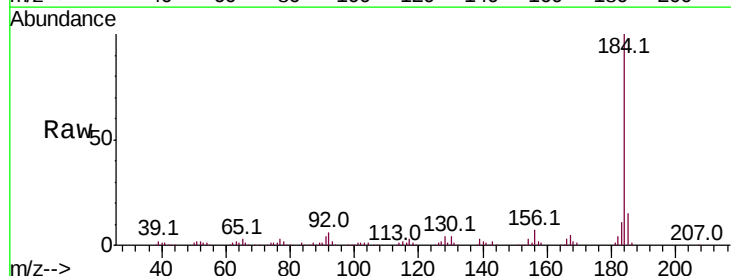
RT: 12.88 min Scan# 1793

Delta R.T. -0.00 min

Lab File: BF108591.D

Acq: 29 Aug 2018 7:52

Tgt Ion:	184	Resp:	200998
Ion Ratio	Lower	Upper	
184	100		
185	14.6	12.6	18.8
183	11.5	9.3	13.9





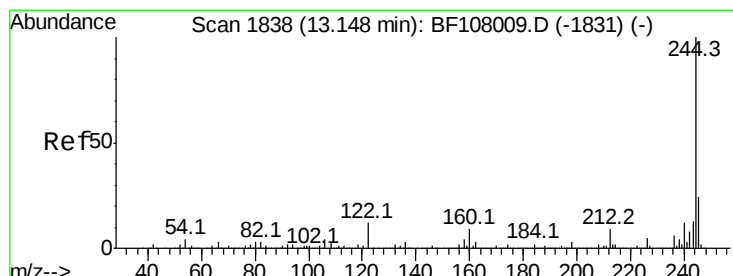
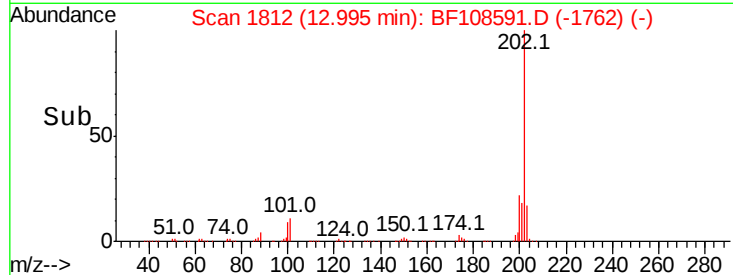
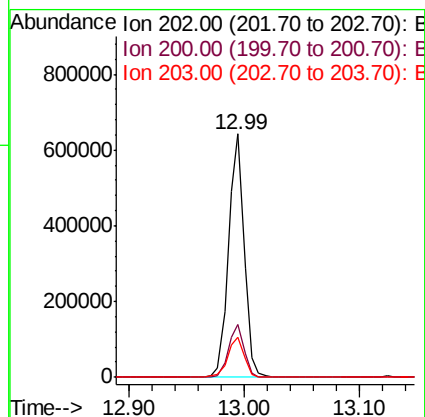
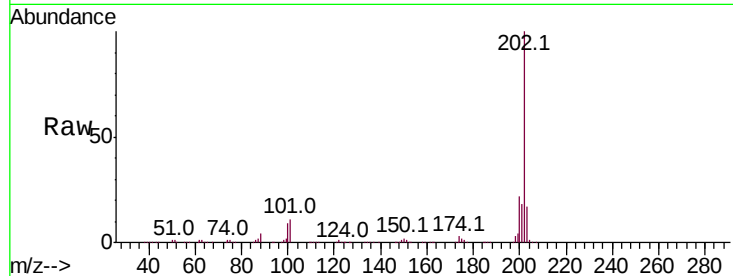
#77
Pvrene
Concen: 34.797 ng
RT: 12.99 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Instrument :
BNA_F
ClientSampleId :
PB112433BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
200	21.5	17.4	26.2		
203	16.6	14.3	21.5		

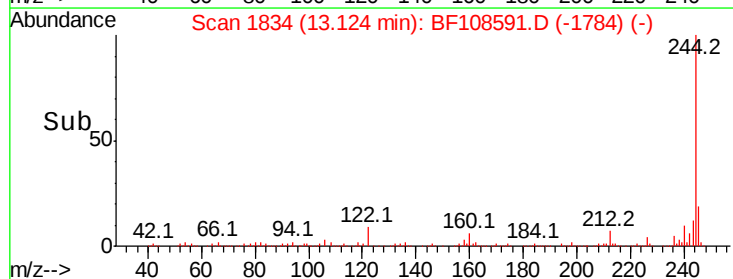
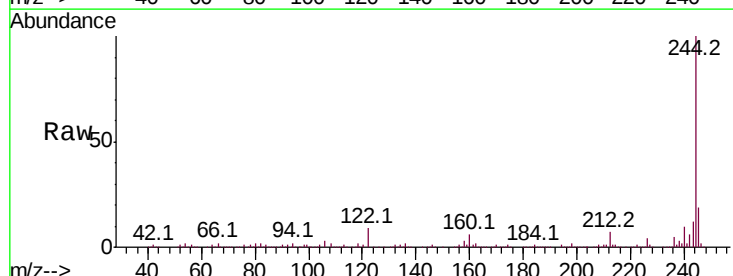
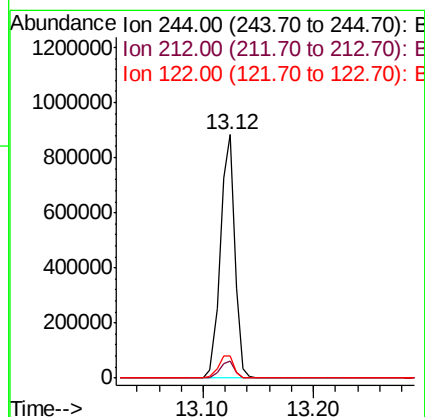
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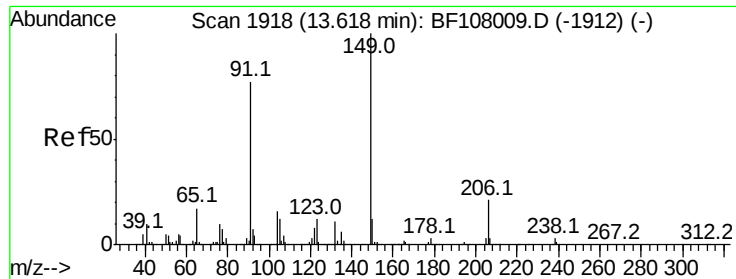
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#78
Terphenyl-d14
Concen: 74.453 ng
RT: 13.12 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
244	100				
212	6.9	5.4	8.0		
122	8.9	11.0	16.4		





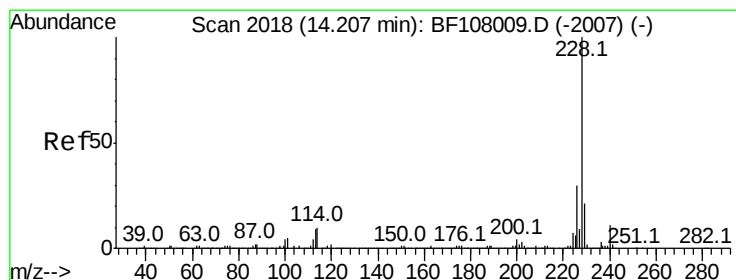
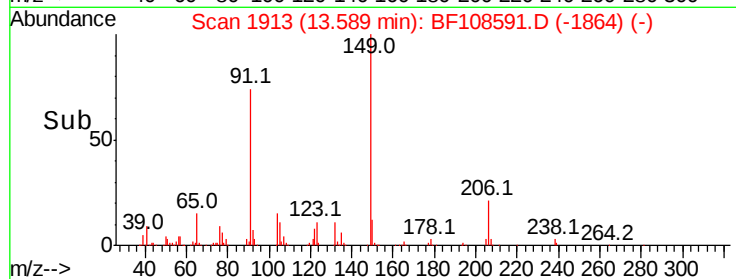
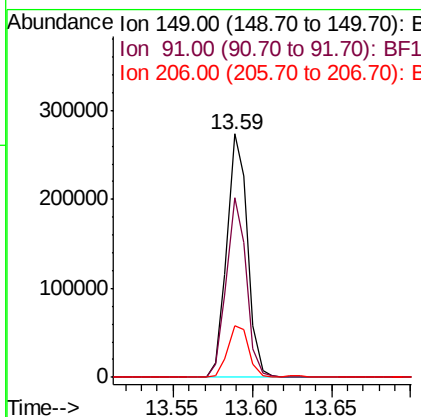
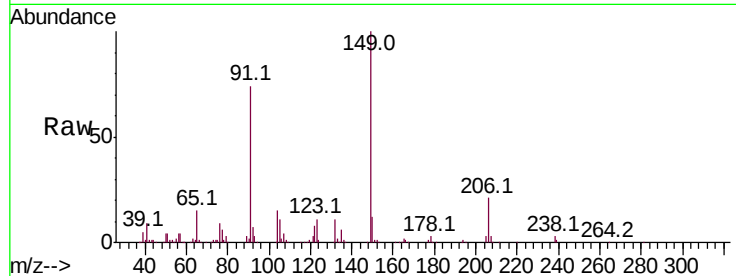
#79
Butylbenzylphthalate
Concen: 36.285 ng
RT: 13.59 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Instrument :
BNA_F
ClientSampleId :
PB112433BSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	73.7	56.8	85.2
206	21.0	14.1	21.1

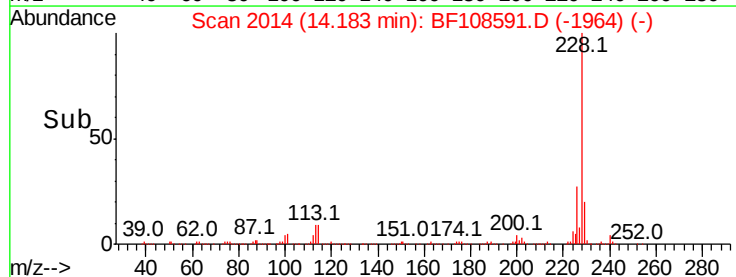
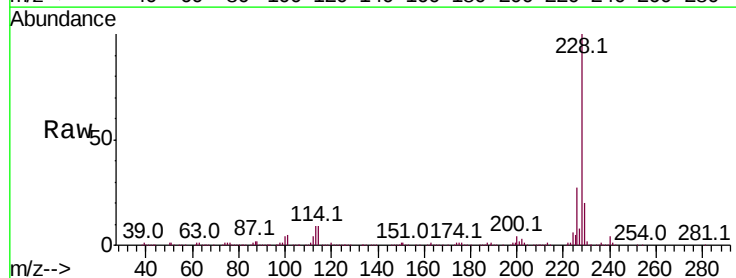
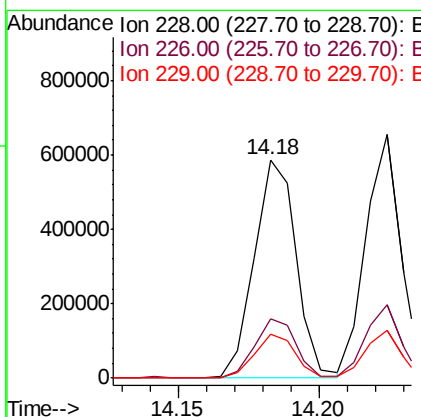
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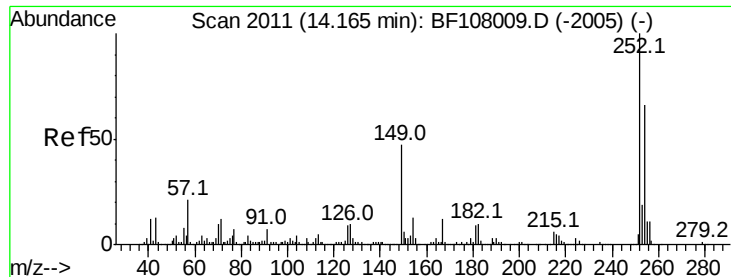
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#80
Benzo(a)anthracene
Concen: 38.746 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	27.3	22.6	33.8
229	20.0	15.8	23.6





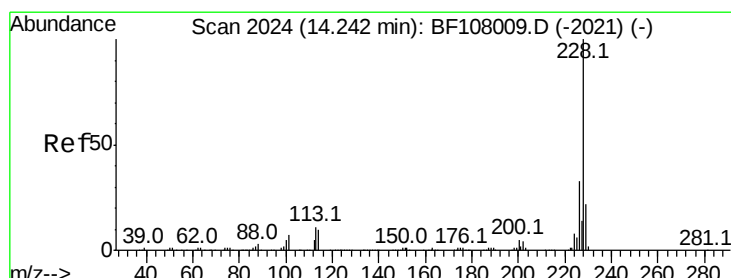
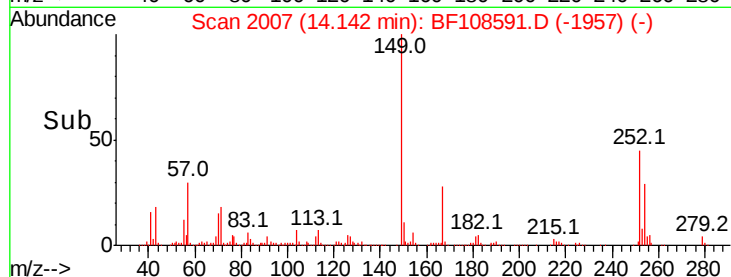
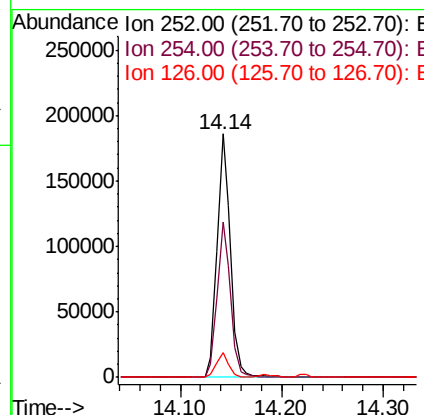
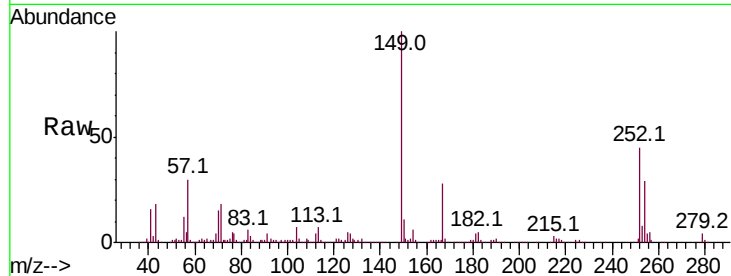
#81
 3,3'-Dichlorobenzidine
 Concen: 30.383 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF108591.D
 Acq: 29 Aug 2018 7:52

Instrument :
 BNA_F
 ClientSampled :
 PB112433BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.0	50.4	75.6
126	10.1	11.3	16.9

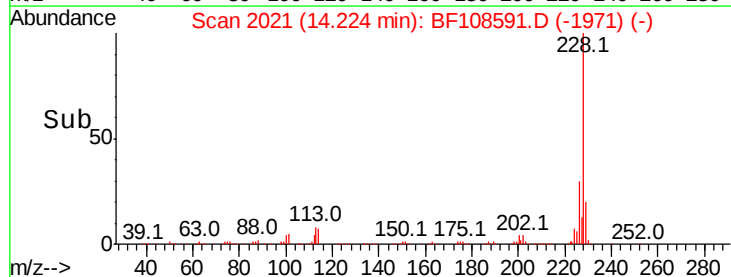
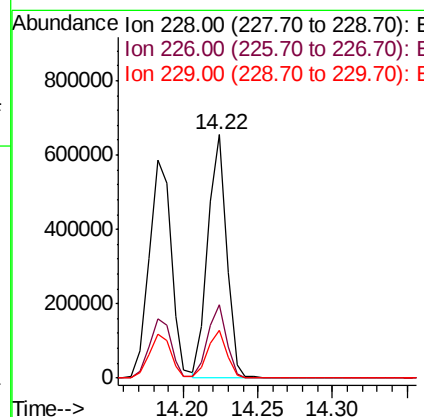
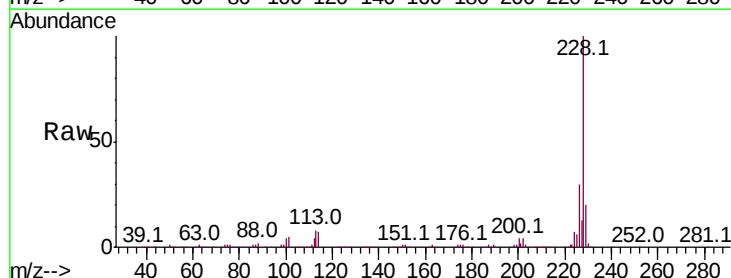
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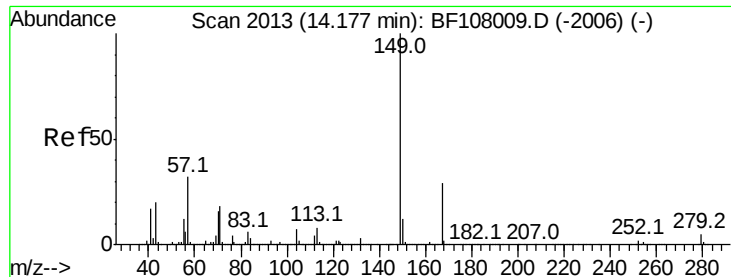
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#82
 Chrysene
 Concen: 39.458 ng
 RT: 14.22 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF108591.D
 Acq: 29 Aug 2018 7:52

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.3	25.0	37.6
229	19.6	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.694 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF108591.D

Acq: 29 Aug 2018 7:52

Instrument :

BNA_F

ClientSampleId :

PB112433BSD

Tot Ion:149 Resp: 341339

Ion Ratio Lower Upper

149 100

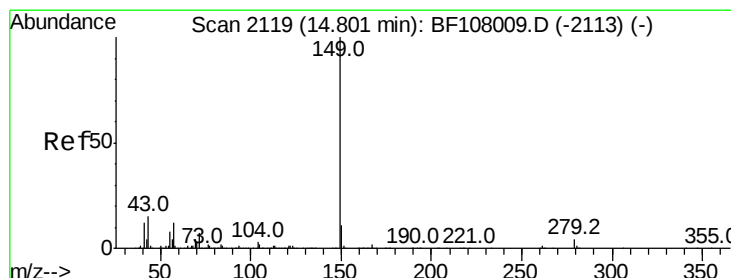
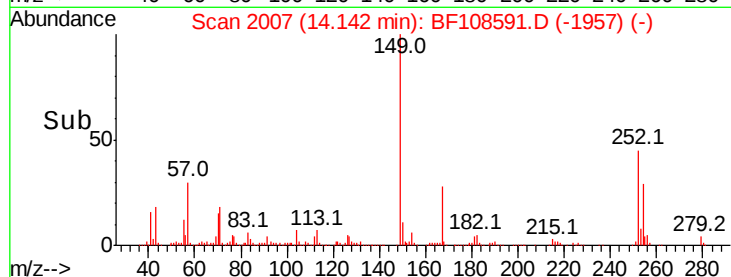
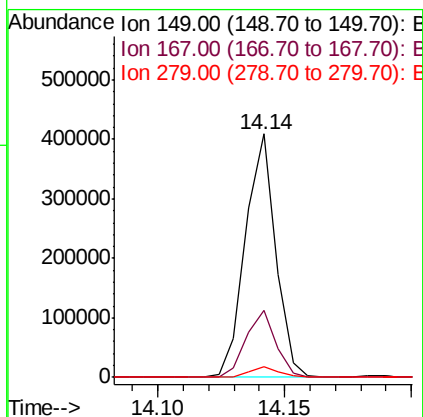
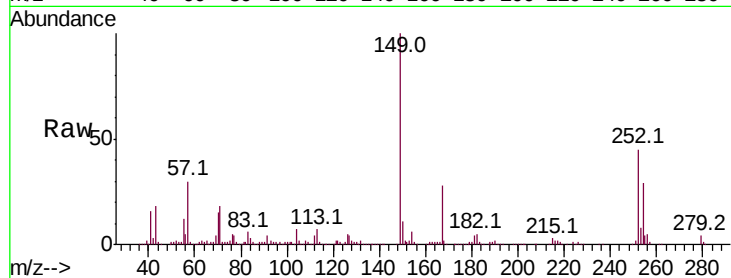
167 27.7 21.3 31.9

279 4.2 3.0 4.4

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#84

Di-n-octyl phthalate

Concen: 45.137 ng

RT: 14.77 min Scan# 2113

Delta R.T. -0.01 min

Lab File: BF108591.D

Acq: 29 Aug 2018 7:52

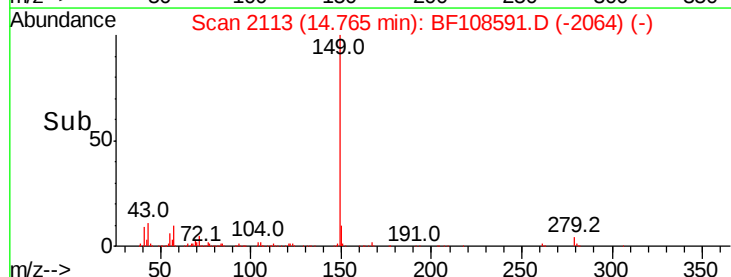
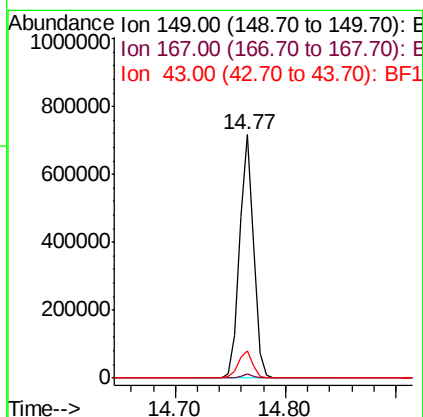
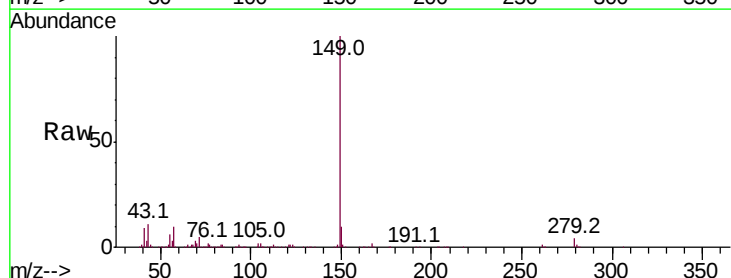
Tgt Ion:149 Resp: 640354

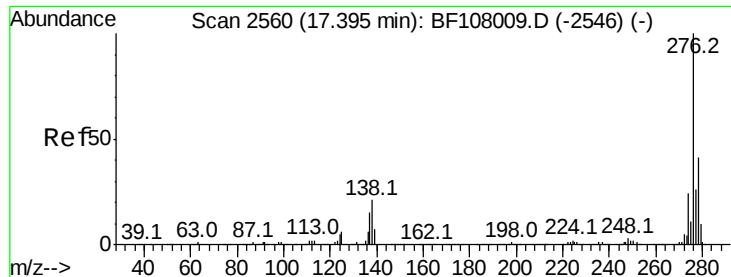
Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 11.5 8.4 12.6





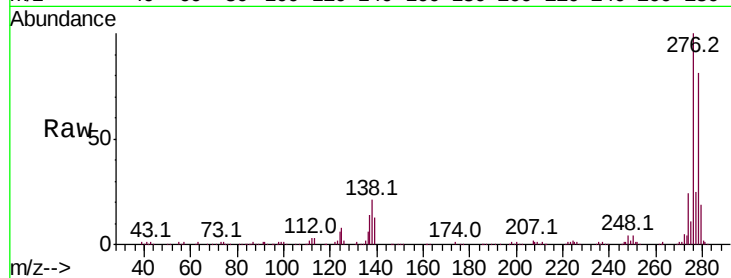
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.760 ng
 RT: 17.37 min Scan# 2556
 Delta R.T. -0.00 min
 Lab File: BF108591.D
 Acq: 29 Aug 2018 7:52

Instrument :
 BNA_F
 ClientSampleId :
 PB112433BSD

Tot Ion	Ratio	Resp	Lower	Upper
276	100	433002		
138	21.1	25.0	37.6	
277	25.2	20.1	30.1	

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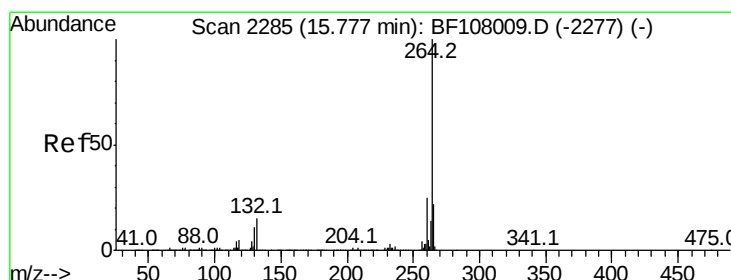
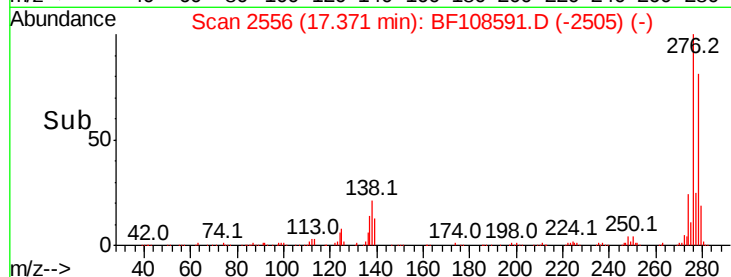
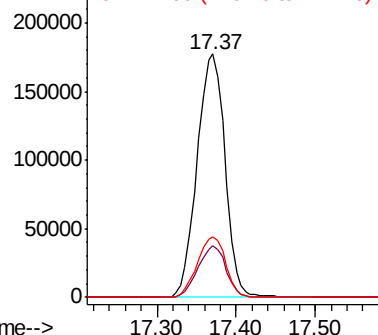


Abundance

Ion 276.00 (275.70 to 276.70): E

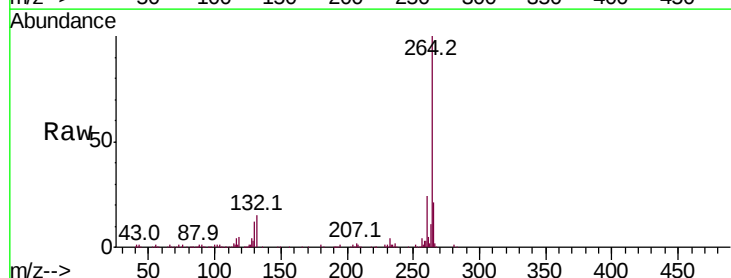
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.75 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF108591.D
 Acq: 29 Aug 2018 7:52

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	235985		
260	23.9	19.2	28.8	
265	21.5	17.5	26.3	

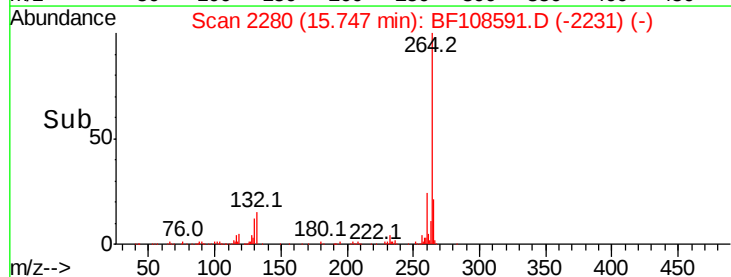
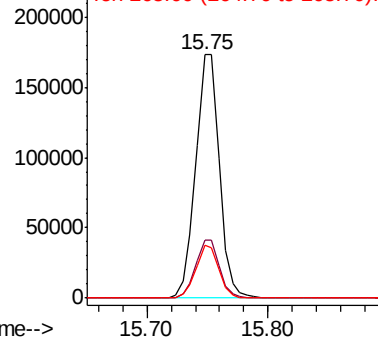


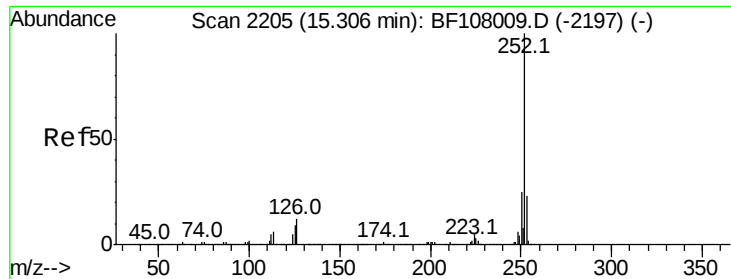
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 40.227 ng/mL

RT: 15.28 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BF108591.D

Acq: 29 Aug 2018 7:52

Instrument :

BNA_F

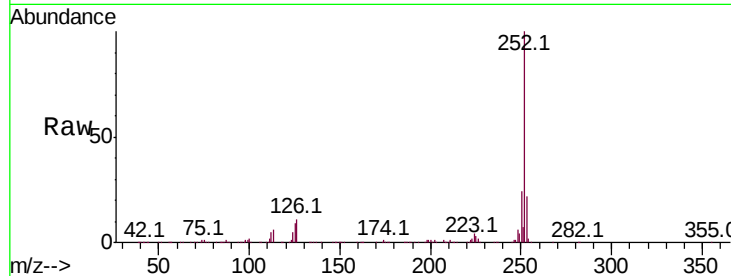
ClientSampleId :

PB112433BSD

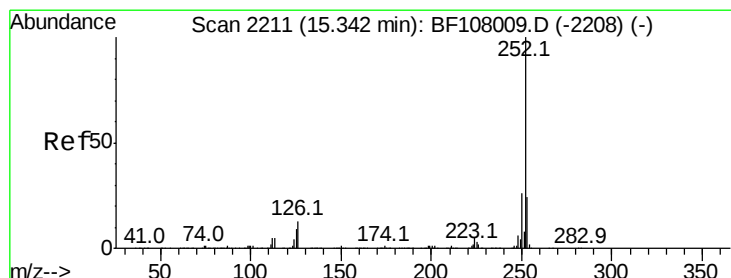
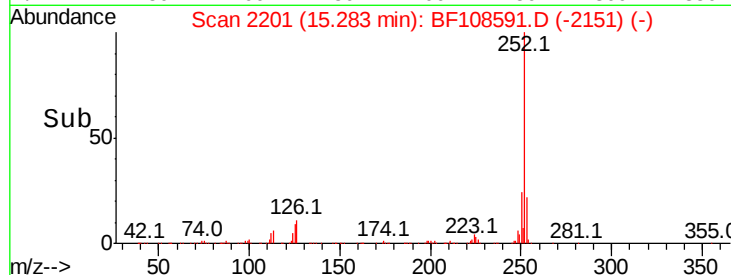
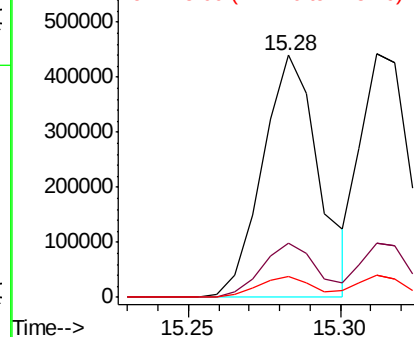
Tot Ion:	252	Resp:	567246
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.0	25.6
125	8.7	9.0	13.6#

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



#88

Benzo(k)fluoranthene

Concen: 38.114 ng/mL

RT: 15.31 min Scan# 2206

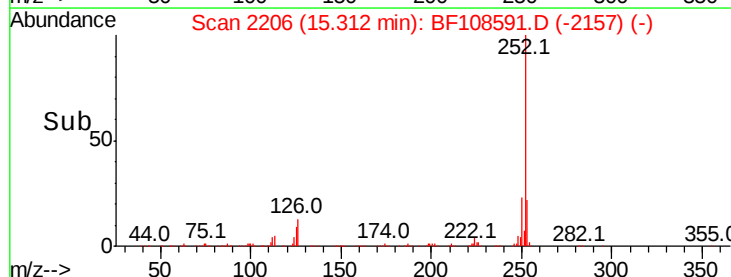
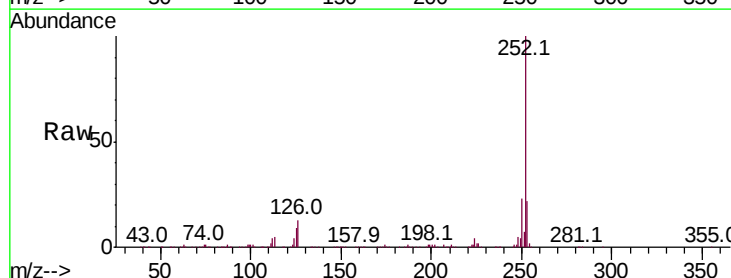
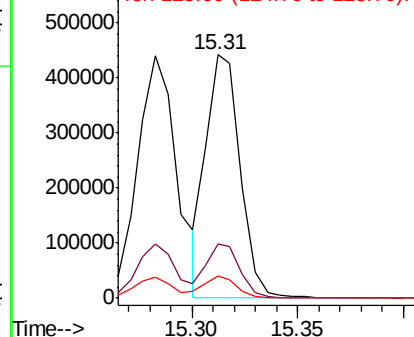
Delta R.T. -0.01 min

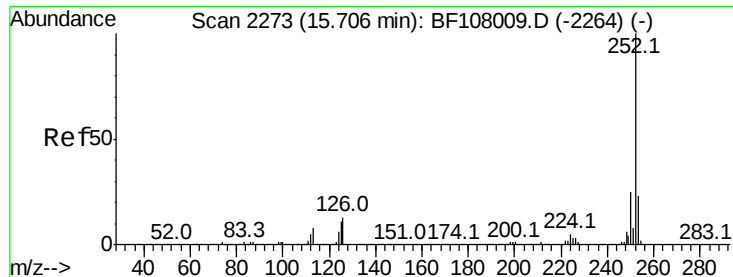
Lab File: BF108591.D

Acq: 29 Aug 2018 7:52

Tgt Ion:	252	Resp:	494046
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.9	26.9
125	9.2	10.2	15.2#

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





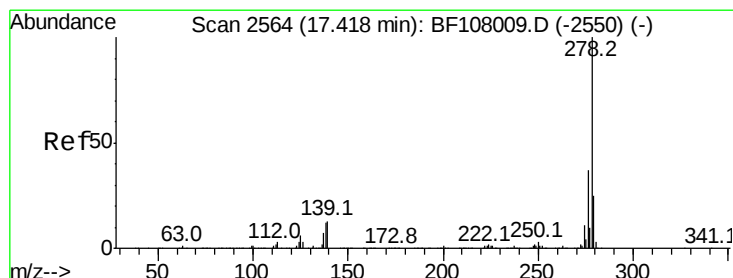
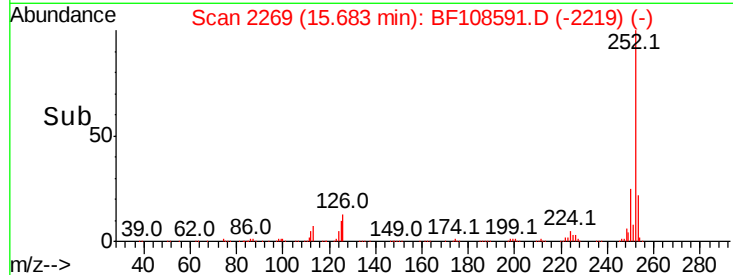
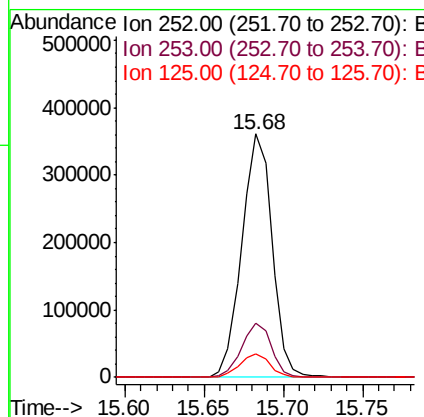
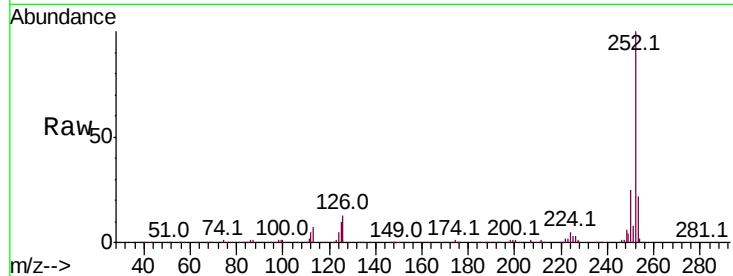
#89
Benzo(a)pyrene
Concen: 37.876 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Instrument :
BNA_F
ClientSampleId :
PB112433BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	9.8	9.8	14.6

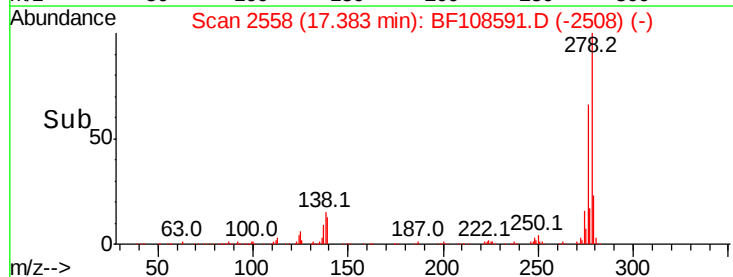
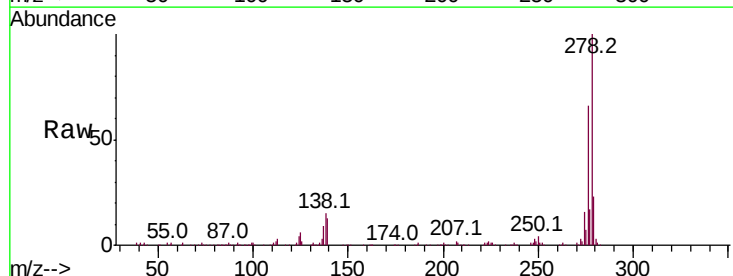
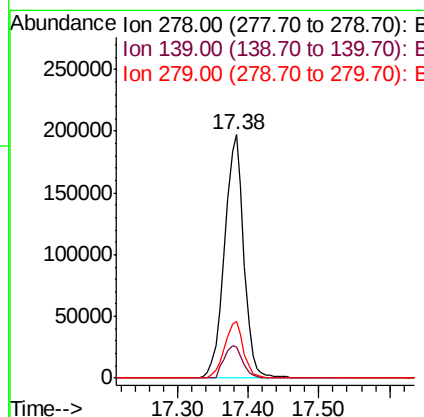
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#90
Dibenzo(a,h)anthracene
Concen: 35.693 ng
RT: 17.38 min Scan# 2558
Delta R.T. -0.01 min
Lab File: BF108591.D
Acq: 29 Aug 2018 7:52

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.7	15.9	23.9#
279	23.5	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 33.016 ng
 RT: 17.86 min Scan# 2639
 Delta R.T. -0.01 min
 Lab File: BF108591.D
 Acq: 29 Aug 2018 7:52

Instrument :
 BNA_F
 ClientSampleId :
 PB112433BSD

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	22.7	17.9	26.9
138	18.0	21.8	32.8

Manual Integrations
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