

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
 Data File : BF109035.D
 Acq On : 15 Sep 2018 10:01
 Operator : JU/SJ
 Sample : PB112873BSD
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112873BSD

Manual Integrations
 APPROVED

Sohil
 9/17/2018 1:59:47 PM

Quant Time: Sep 17 03:33:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	148666	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	552132	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	259971	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	482151	20.00	ng	0.00
75) Chrysene-d12	13.85	240	288782	20.00	ng	0.00
86) Perylene-d12	15.25	264	360971	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	833874	93.16	ng	0.01
7) Phenol-d6	6.36	99	1069500	92.66	ng	0.00
23) Nitrobenzene-d5	7.28	82	982224	99.78	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	276183	97.89	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1670323	100.66	ng	0.00
78) Terphenyl-d14	12.81	244	1565874	128.52	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	156809	36.802	ng	93
3) Pyridine	3.15	79	454006	40.195	ng	92
4) n-Nitrosodimethylamine	3.09	42	209791	49.179	ng	# 94
6) Aniline	6.38	93	584110	39.154	ng	97
8) 2-Chlorophenol	6.51	128	443522	44.277	ng	97
9) Benzaldehyde	6.26	77	187796	25.476	ng	99
10) Phenol	6.37	94	552334	42.530	ng	82
11) bis(2-Chloroethyl)ether	6.46	93	436650	42.738	ng	97
12) 1,3-Dichlorobenzene	6.66	146	483031	42.166	ng	97
13) 1,4-Dichlorobenzene	6.74	146	484512	42.159	ng	100
14) 1,2-Dichlorobenzene	6.90	146	445139	41.780	ng	97
15) Benzyl Alcohol	6.87	79	389465	44.447	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	639592	43.691	ng	96
17) 2-Methylphenol	6.98	107	371664	45.478	ng	98
18) Hexachloroethane	7.24	117	178957	42.875	ng	99
19) n-Nitroso-di-n-propylamine	7.14	70	318264	41.717	ng	96
20) 3+4-Methylphenols	7.14	107	426737	43.356	ng	# 69
22) Acetophenone	7.13	105	592019	47.215	ng	# 91
24) Nitrobenzene	7.30	77	475369	46.837	ng	98
25) Isophorone	7.55	82	890017	52.597	ng	98
26) 2-Nitrophenol	7.62	139	223232	47.104	ng	99
27) 2,4-Dimethylphenol	7.66	122	402350	54.123	ng	100
28) bis(2-Chloroethoxy)methane	7.76	93	552262	48.499	ng	99
29) 2,4-Dichlorophenol	7.86	162	374713	47.301	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	387070	45.201	ng	96
31) Naphthalene	8.02	128	1251451	48.834	ng	99
32) Benzoic acid	7.80	122	262906	54.124	ng	99
33) 4-Chloroaniline	8.07	127	390893	34.306	ng	99
34) Hexachlorobutadiene	8.15	225	230253	44.043	ng	98
35) Caprolactam	8.44	113	123056m	47.646	ng	
36) 4-Chloro-3-methylphenol	8.56	107	391220	46.912	ng	99
37) 2-Methylnaphthalene	8.71	142	841737	50.388	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	362151	44.260	ng	99
40) Hexachlorocyclopentadiene	8.88	237	384900	93.364	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	260707	47.403	nq	97
43) 2,4,5-Trichlorophenol	9.04	196	285919	49.749	nq	94
45) 1,1'-Biphenyl	9.18	154	981517	47.191	nq	99
46) 2-Chloronaphthalene	9.20	162	767766	46.093	nq	99
47) 2-Nitroaniline	9.30	65	246020	48.044	nq	98
48) Acenaphthylene	9.61	152	1247654	49.680	nq	100
49) Dimethylphthalate	9.48	163	885243	47.642	nq	99
50) 2,6-Dinitrotoluene	9.54	165	201544	48.911	nq	94
51) Acenaphthene	9.79	154	795121	50.845	nq	99
52) 3-Nitroaniline	9.70	138	165604	34.130	nq	93
53) 2,4-Dinitrophenol	9.81	184	147457	92.852	nq #	17
54) Dibenzofuran	9.96	168	1056395	46.747	nq	98
55) 4-Nitrophenol	9.87	139	329741	92.237	nq	99
56) 2,4-Dinitrotoluene	9.94	165	267611	49.659	nq #	93
57) Fluorene	10.30	166	771343	51.219	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	243644	51.198	nq	88
59) Diethylphthalate	10.18	149	888087	47.330	nq	97
60) 4-Chlorophenyl-phenylether	10.30	204	367184	45.534	nq	93
61) 4-Nitroaniline	10.32	138	212874	46.178	nq	97
62) Azobenzene	10.45	77	907776	47.263	nq	95
64) 4,6-Dinitro-2-methylphenol	10.35	198	99699	43.218	nq	81
65) n-Nitrosodiphenylamine	10.41	169	758363	48.084	nq	96
66) 4-Bromophenyl-phenylether	10.78	248	257697	47.409	nq	92
67) Hexachlorobenzene	10.85	284	272567	46.880	nq #	91
68) Atrazine	10.94	200	251113	49.738	nq	97
69) Pentachlorophenol	11.04	266	285880	76.852	nq	97
70) Phenanthrene	11.25	178	1186850	50.216	nq	99
71) Anthracene	11.31	178	1209667	50.490	nq	99
72) Carbazole	11.46	167	1072780	45.232	nq	99
73) Di-n-butylphthalate	11.80	149	1325652	47.750	nq	99
74) Fluoranthene	12.44	202	1196821	47.966	nq	97
76) Benzidine	12.55	184	576175	56.363	nq	99
77) Pyrene	12.66	202	1141687	53.225	nq	99
79) Butylbenzylphthalate	13.28	149	522502	54.537	nq	96
80) Benzo(a)anthracene	13.84	228	928541	53.109	nq	99
81) 3,3'-Dichlorobenzidine	13.81	252	287476	40.746	nq	96
82) Chrysene	13.88	228	902318	51.583	nq	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	652672	56.263	nq	100
84) Di-n-octyl phthalate	14.46	149	1133037	57.591	nq	98
85) Indeno(1,2,3-cd)pyrene	16.61	276	1112882	79.576	nq	94
87) Benzo(b)fluoranthene	14.86	252	953536	47.749	nq	98
88) Benzo(k)fluoranthene	14.89	252	882400	47.309	nq	97
89) Benzo(a)pyrene	15.20	252	924186	52.112	nq	99
90) Dibenzo(a,h)anthracene	16.62	278	915122	61.420	nq	96
91) Benzo(g,h,i)perylene	17.02	276	934206	62.715	nq #	93

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

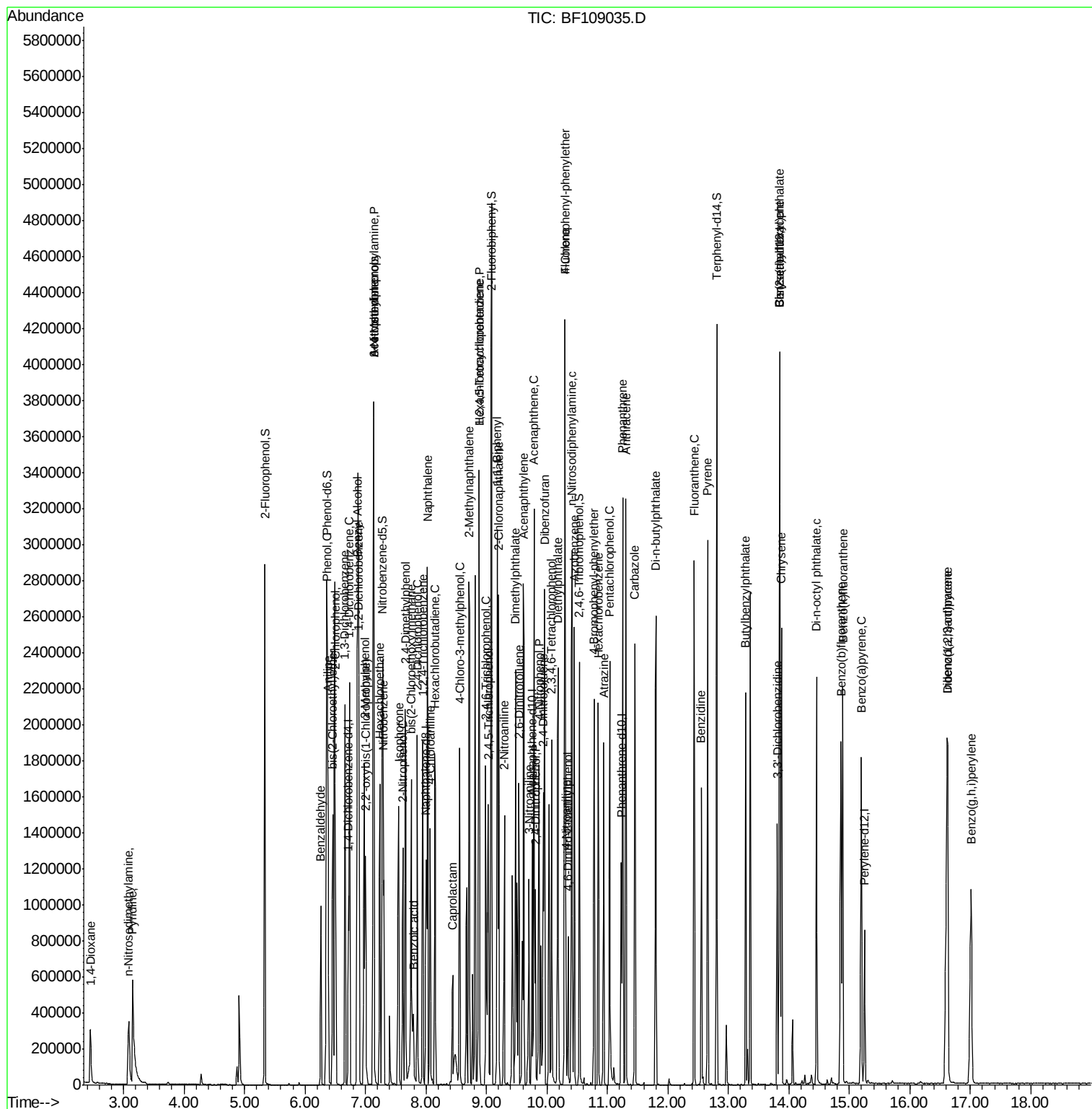
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
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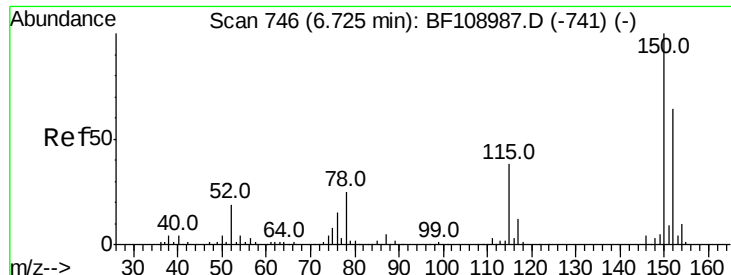
Instrument :
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#1

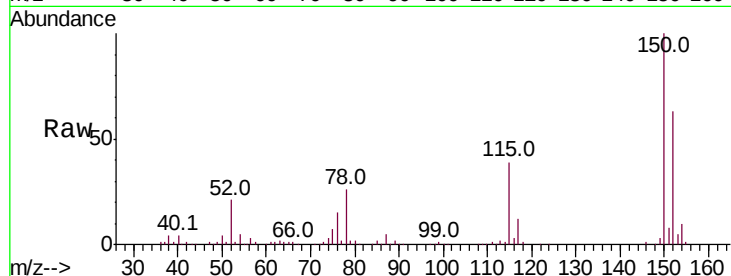
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB112873BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.6	186.8
115	62.0	50.1	75.1

Manual Integrations
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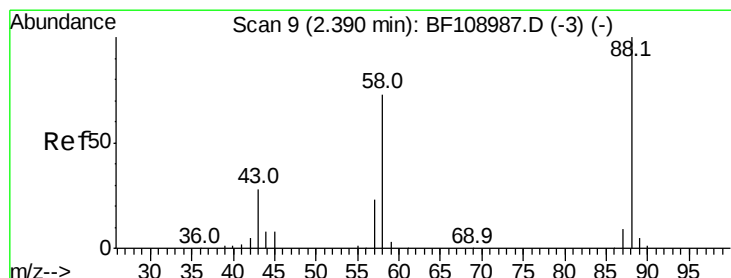
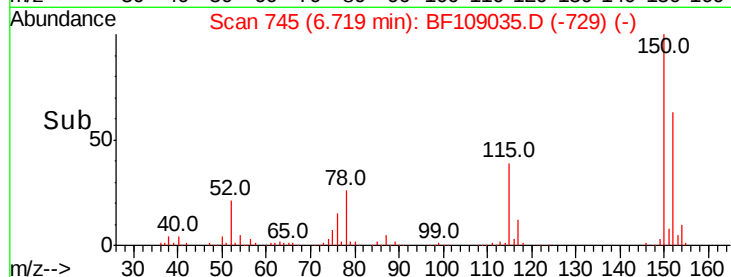
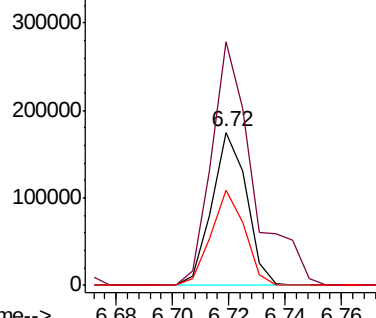


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

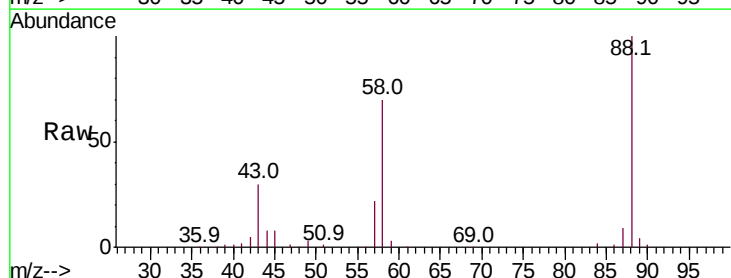
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.802 ng
RT: 2.45 min Scan# 20
Delta R.T. 0.06 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.8	62.6	93.8
43	29.8	24.6	37.0

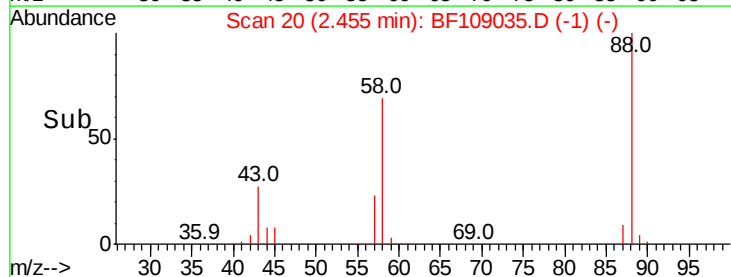
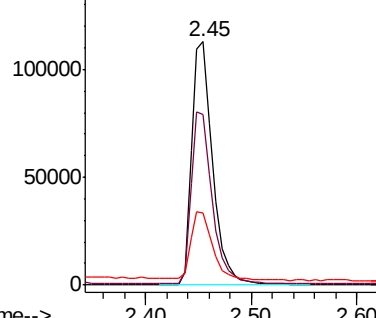


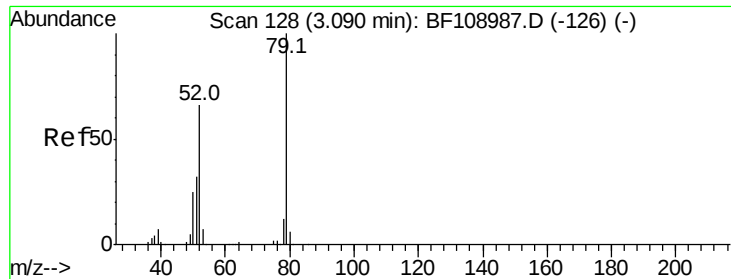
Abundance

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





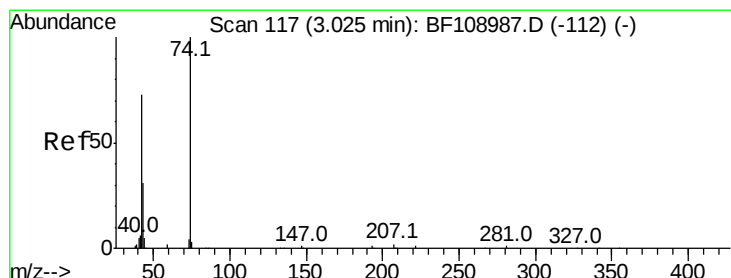
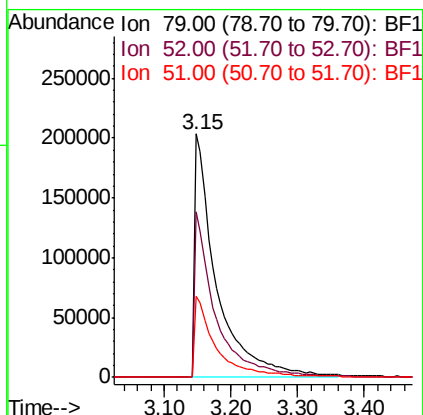
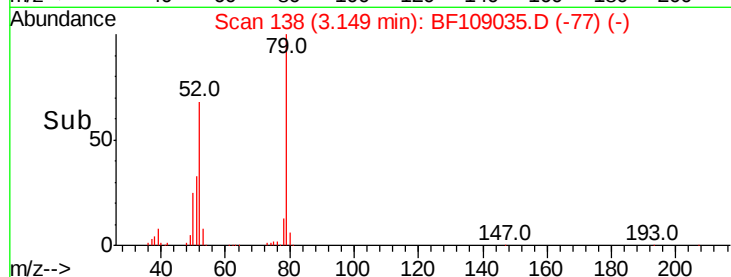
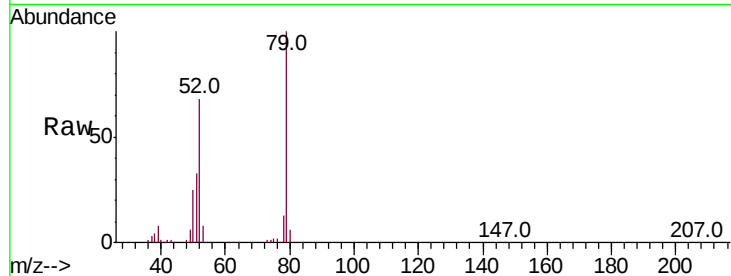
#3
Pvridine
Concen: 40.195 ng
RT: 3.15 min Scan# 138
Delta R.T. 0.06 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB112873BSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	67.9	59.8	89.6
51	33.2	29.8	44.8

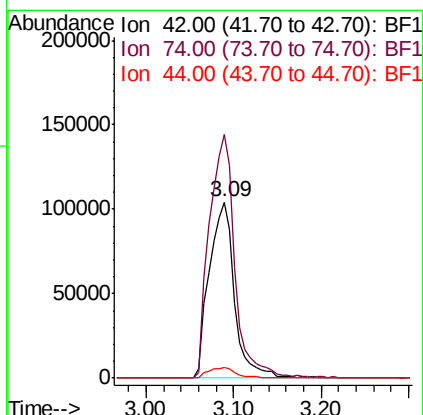
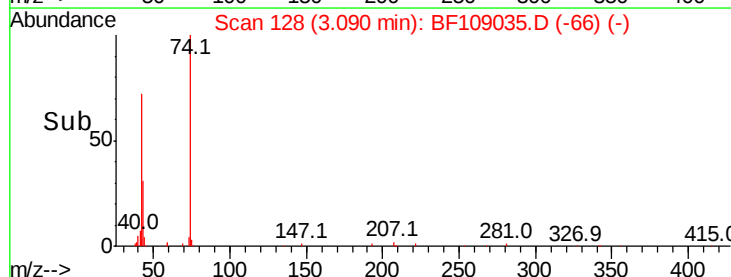
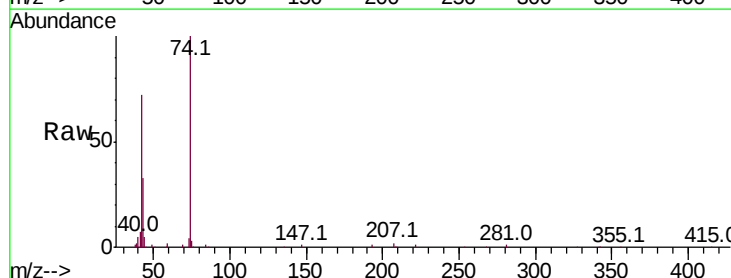
Manual Integrations
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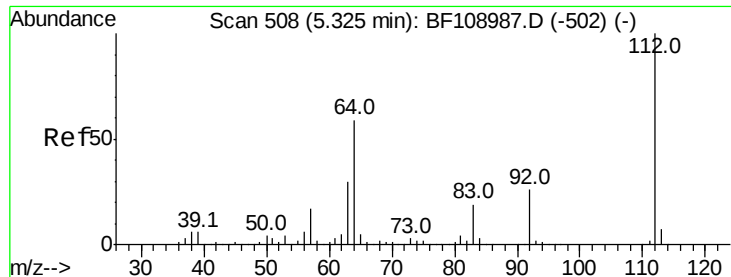
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#4
n-Nitrosodimethylamine
Concen: 49.179 ng
RT: 3.09 min Scan# 128
Delta R.T. 0.06 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Tgt Ion	Ratio	Lower	Upper
42	100		
74	138.1	104.9	157.3
44	6.4	6.9	10.3#





#5

2-Fluorophenol

Concen: 93.160 ng

RT: 5.34 min Scan# 510

Delta R.T. 0.01 min

Lab File: BF109035.D

Acq: 15 Sep 2018 10:01

Instrument :

BNA_F

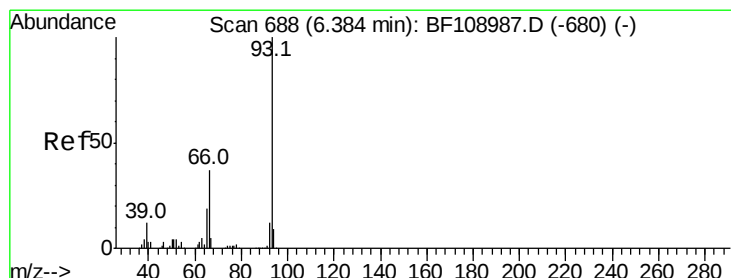
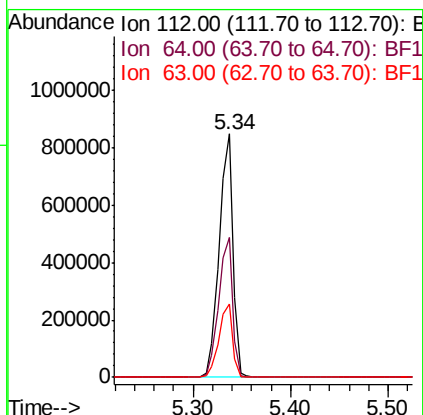
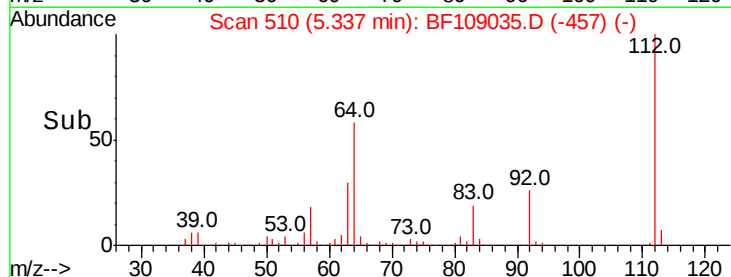
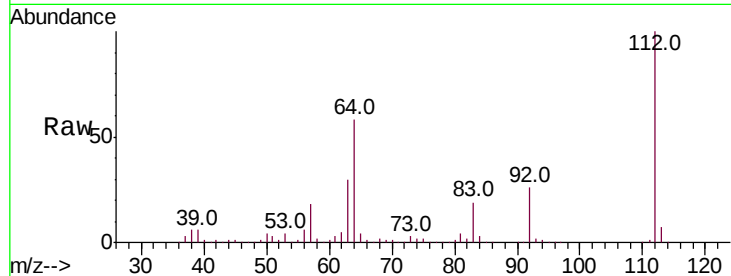
ClientSampleId :

PB112873BSD

Tot Ion:	112	Resp:	833874
Ion Ratio	Lower	Upper	
112	100		
64	57.6	47.9	71.9
63	30.0	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 39.154 ng

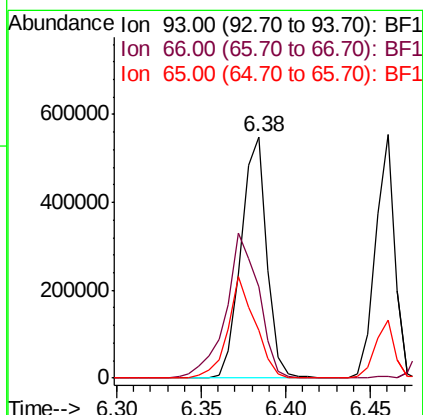
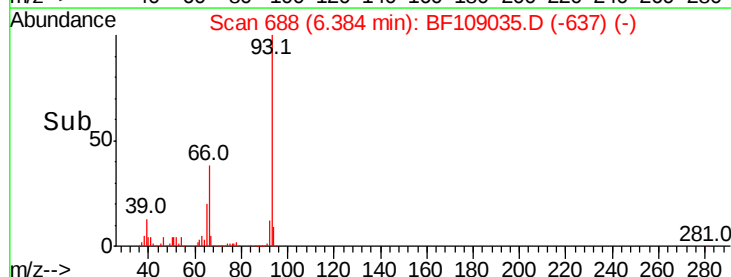
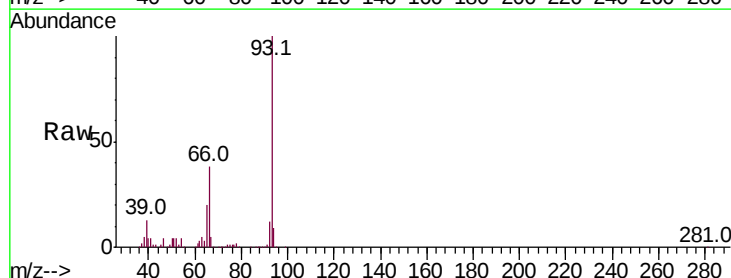
RT: 6.38 min Scan# 688

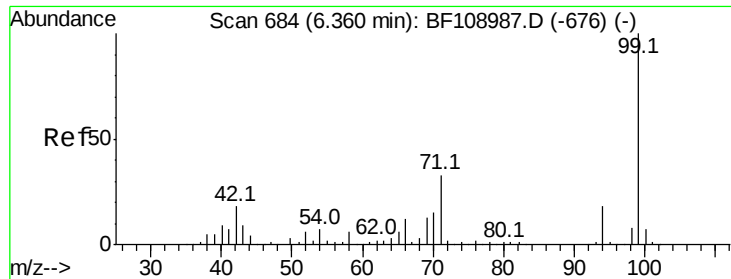
Delta R.T. 0.00 min

Lab File: BF109035.D

Acq: 15 Sep 2018 10:01

Tgt Ion:	93	Resp:	584110
Ion Ratio	Lower	Upper	
93	100		
66	37.6	32.2	48.2
65	20.0	16.4	24.6





#7

Phenol-d6

Concen: 92.662 ng

RT: 6.36 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF109035.D

Acq: 15 Sep 2018 10:01

Instrument :

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ClientSampleId :

PB112873BSD

Tot Ion: 99 Resp: 1069500

Ion Ratio Lower Upper

99 100

42 18.8 14.5 21.7

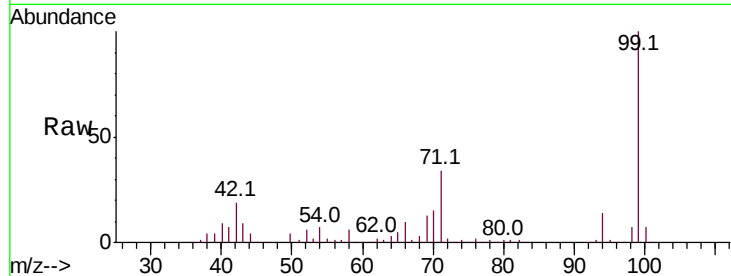
71 34.3 25.4 38.0

Manual Integrations

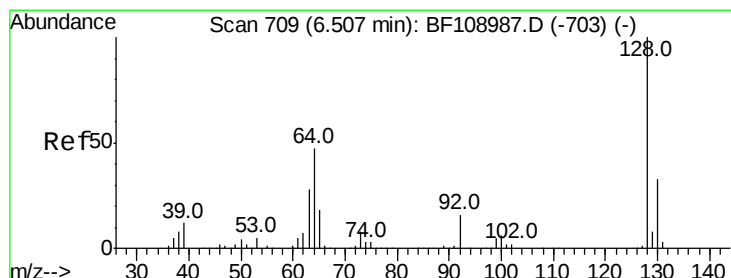
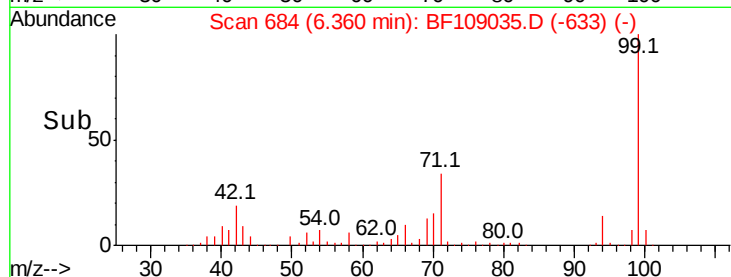
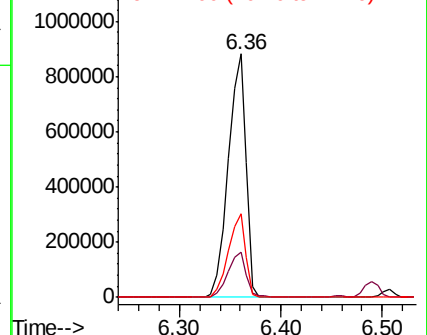
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 44.277 ng

RT: 6.51 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF109035.D

Acq: 15 Sep 2018 10:01

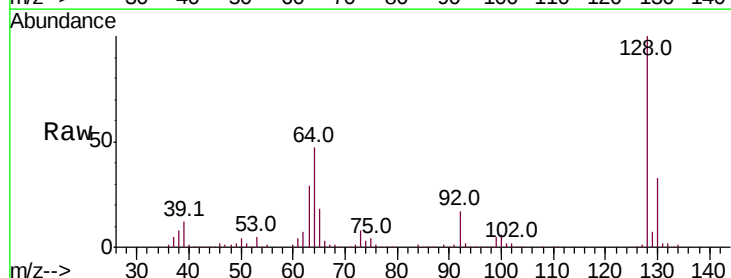
Tgt Ion: 128 Resp: 443522

Ion Ratio Lower Upper

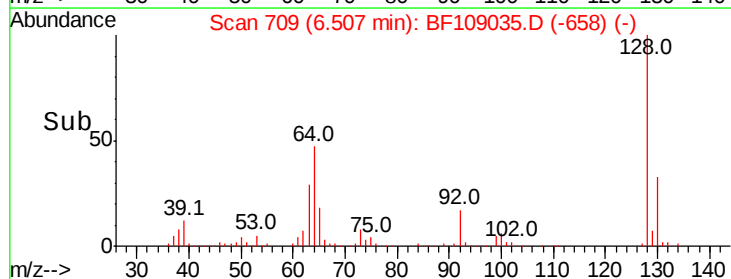
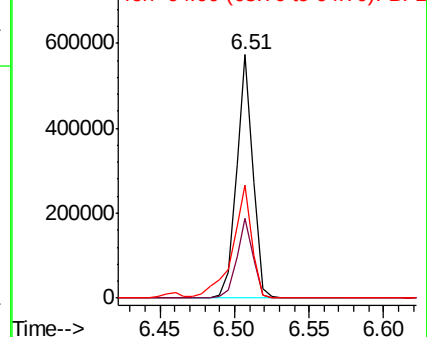
128 100

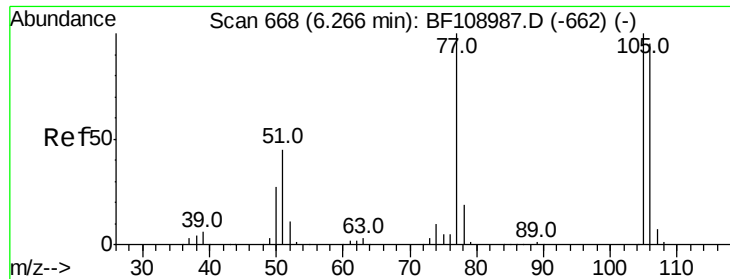
130 32.6 13.0 53.0

64 46.6 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: 25.476 ng

RT: 6.26 min Scan# 667

Delta R.T. -0.01 min

Lab File: BF109035.D

Acq: 15 Sep 2018 10:01

Instrument :

BNA_F

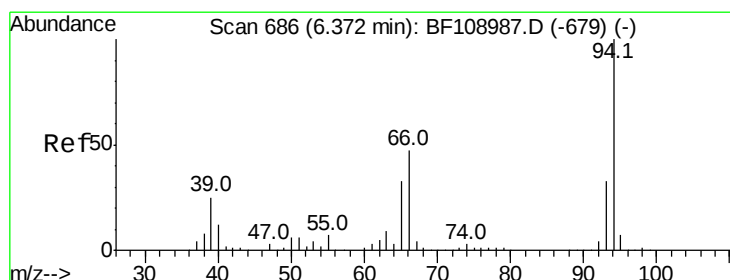
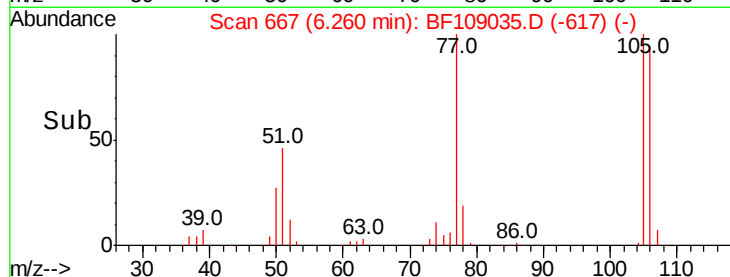
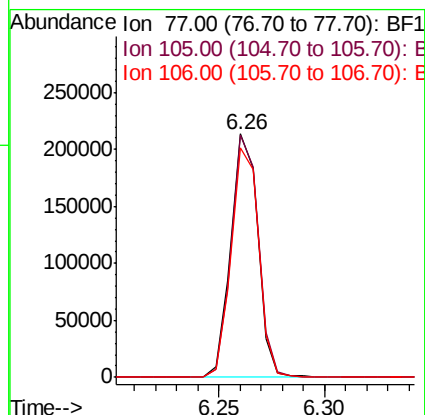
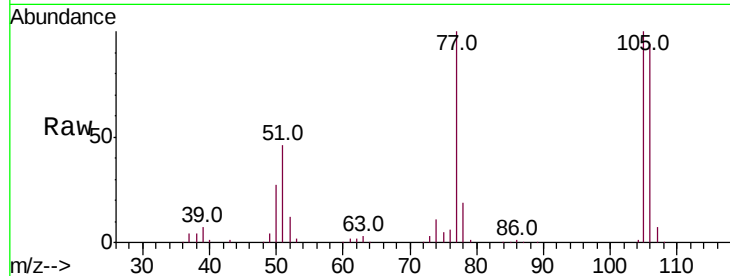
ClientSampleId :

PB112873BSD

Tot Ion:	77	Resp:	187796
Ion	Ratio	Lower	Upper
77	100		
105	99.7	81.1	121.1
106	94.4	74.5	114.5

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#10

Phenol

Concen: 42.530 ng

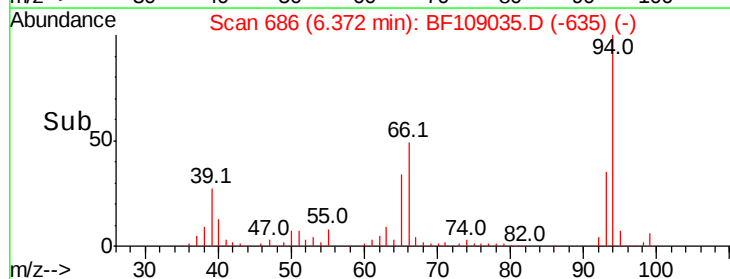
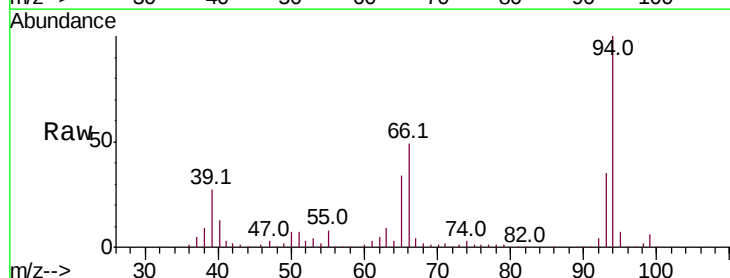
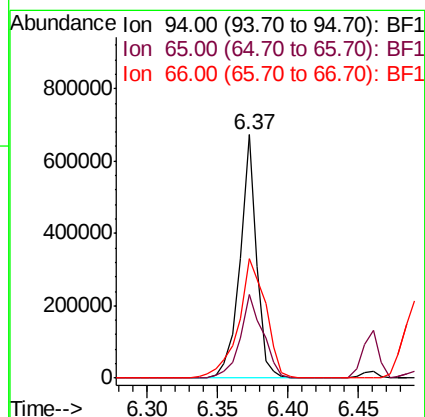
RT: 6.37 min Scan# 686

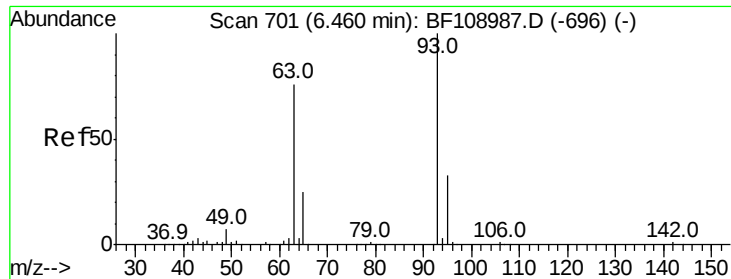
Delta R.T. 0.00 min

Lab File: BF109035.D

Acq: 15 Sep 2018 10:01

Tgt Ion:	94	Resp:	552334
Ion	Ratio	Lower	Upper
94	100		
65	34.4	7.9	47.9
66	49.3	16.2	56.2





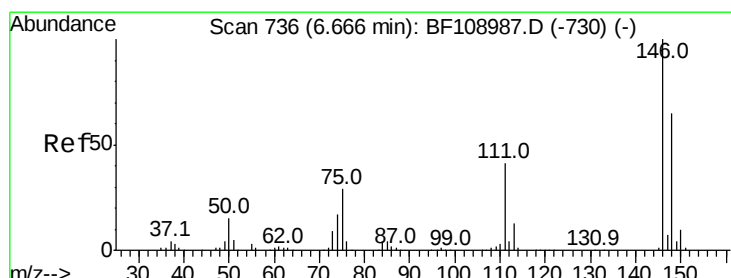
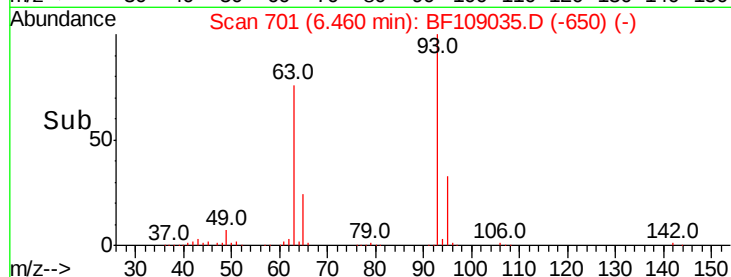
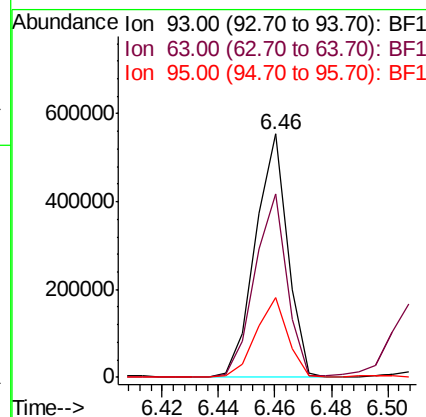
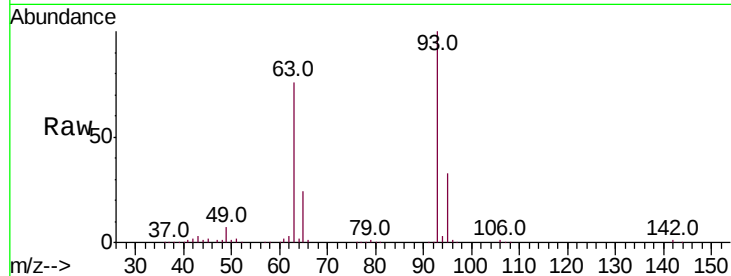
#11
bis(2-Chloroethyl)ether
Concen: 42.738 ng
RT: 6.46 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB112873BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	75.6	58.6	98.6	
95	32.8	11.8	51.8	

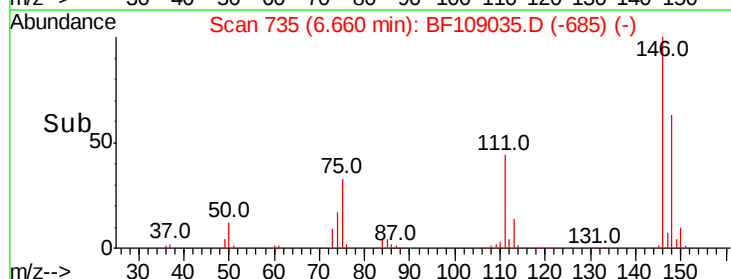
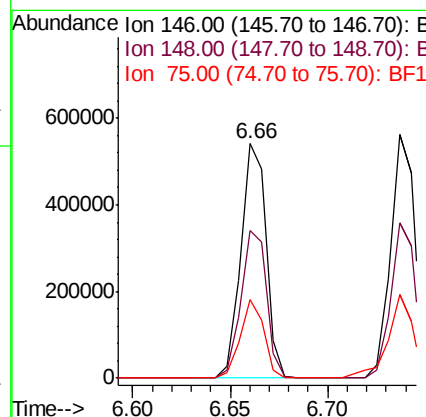
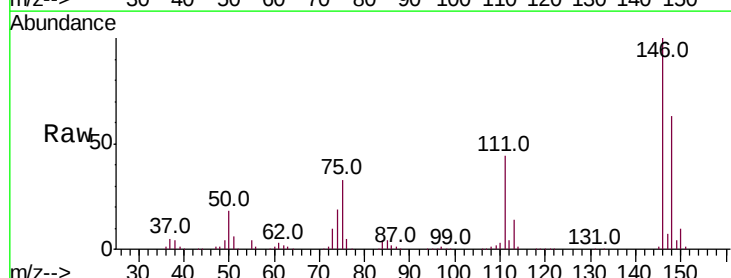
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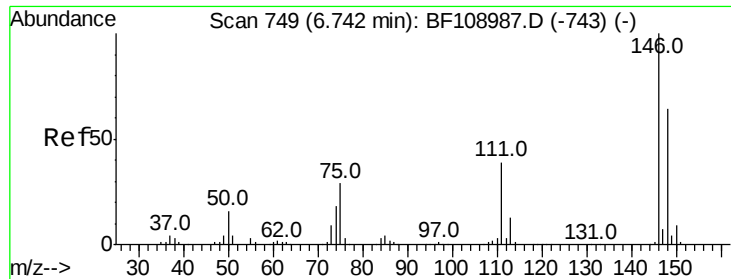
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#12
1,3-Dichlorobenzene
Concen: 42.166 ng
RT: 6.66 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	63.0	51.8	77.8	
75	33.3	24.2	36.4	





#13

1,4-Dichlorobenzene

Concen: 42.159 ng

RT: 6.74 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF109035.D

Acq: 15 Sep 2018 10:01

Instrument :

BNA_F

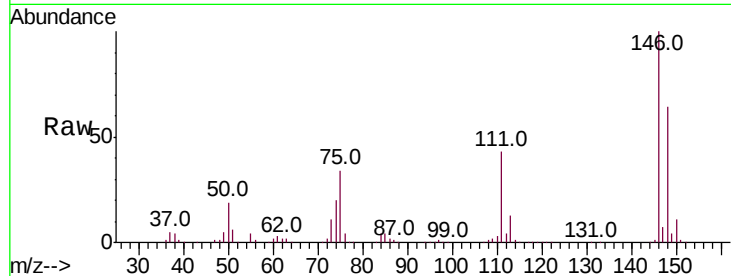
ClientSampleId :

PB112873BSD

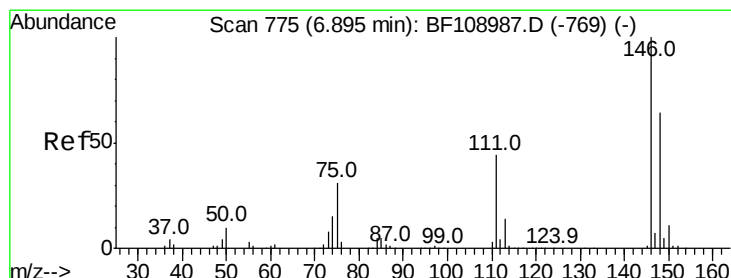
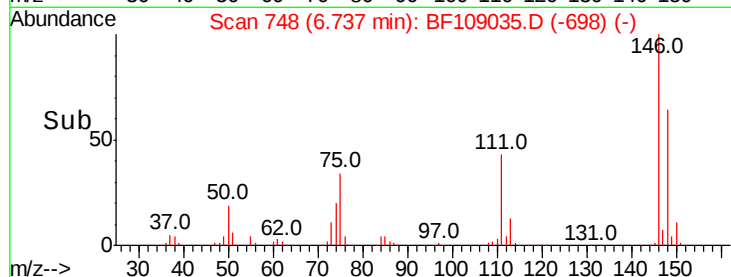
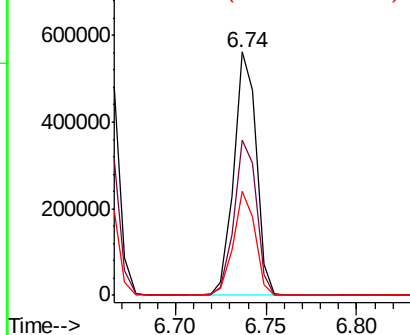
Tot Ion:	146	Resp:	484512
Ion Ratio	Lower	Upper	
146	100		
148	64.0	50.8	76.2
111	42.8	34.2	51.2

Manual Integrations
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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.780 ng

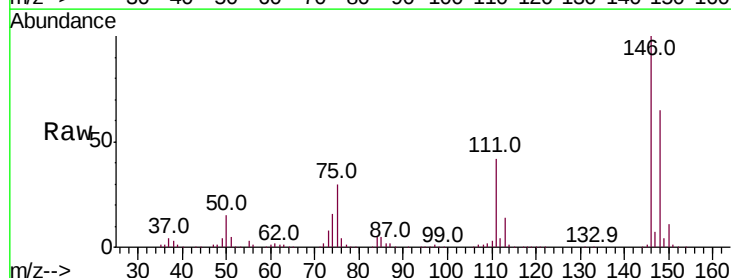
RT: 6.90 min Scan# 775

Delta R.T. 0.00 min

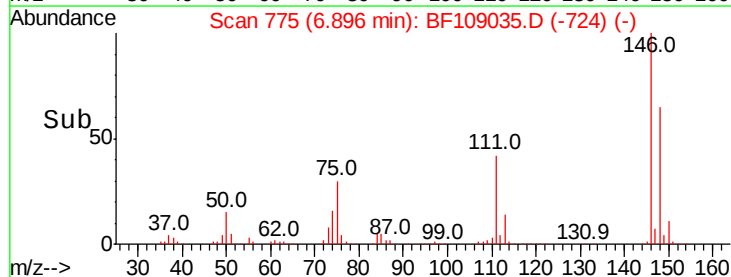
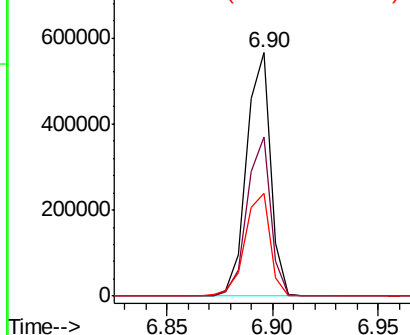
Lab File: BF109035.D

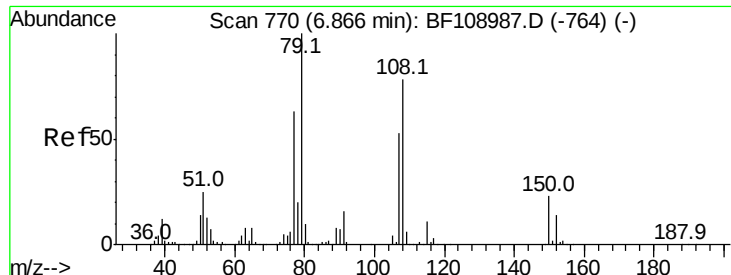
Acq: 15 Sep 2018 10:01

Tgt Ion:	146	Resp:	445139
Ion Ratio	Lower	Upper	
146	100		
148	65.2	50.6	75.8
111	42.3	36.0	54.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





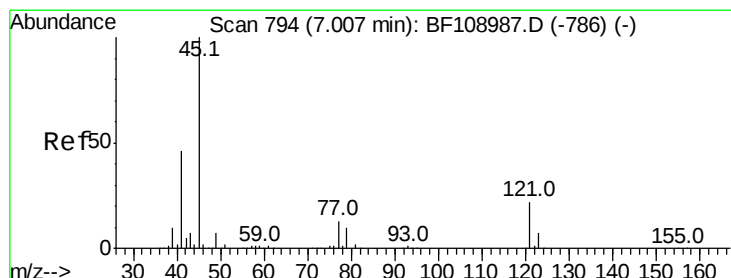
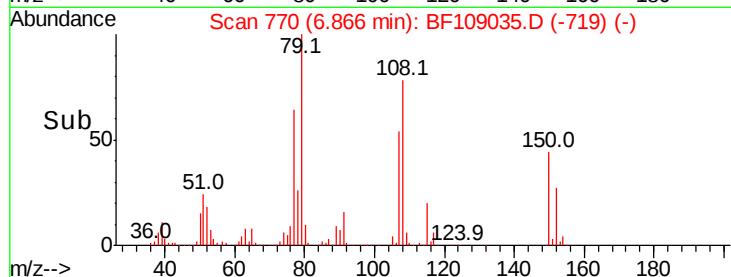
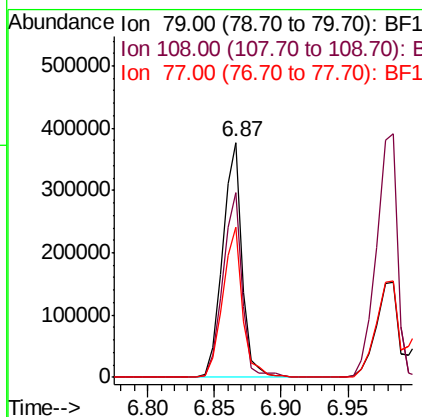
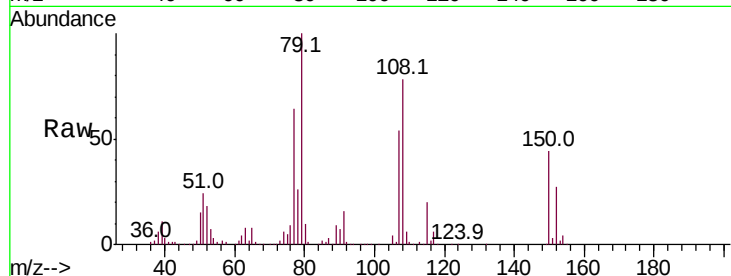
#15
Benzyl Alcohol
Concen: 44.447 ng
RT: 6.87 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB112873BSD

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	78.5	65.1	97.7	
77	63.7	50.6	75.8	

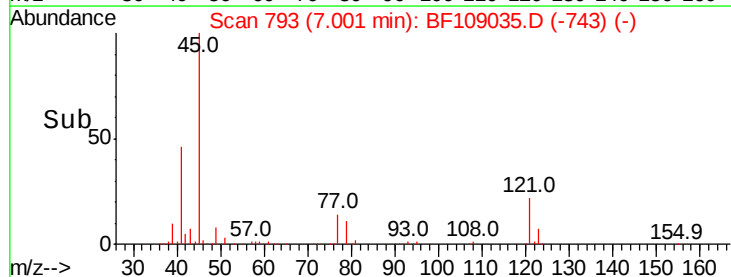
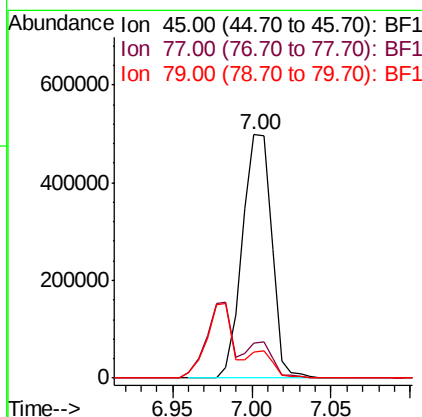
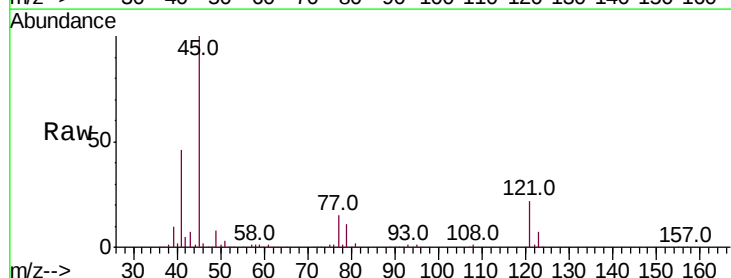
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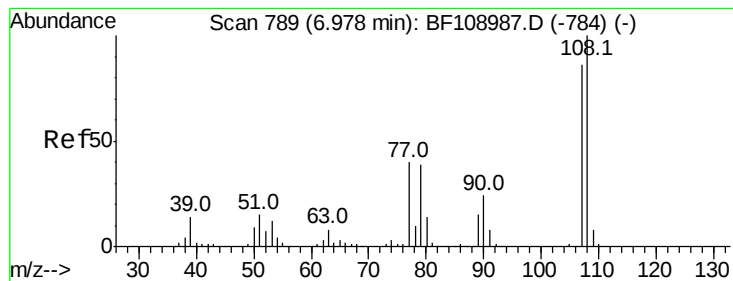
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#16
2,2'-oxybis(1-chloropropane)
Concen: 43.691 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	14.6	0.0	32.9	
79	10.9	0.0	29.6	





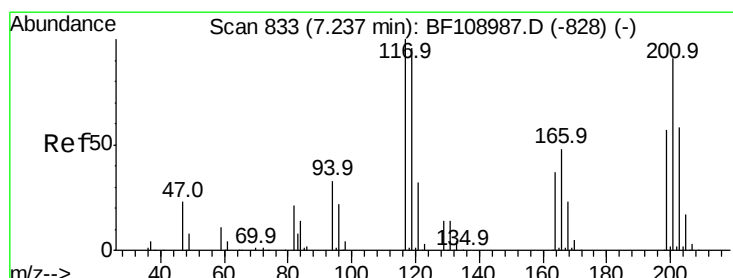
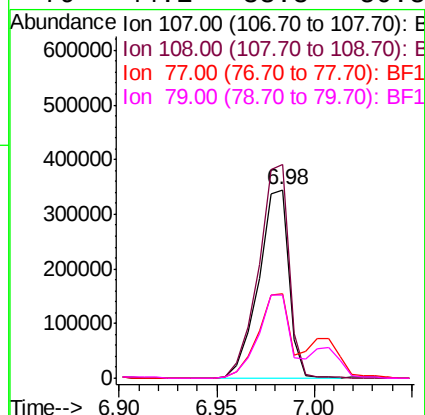
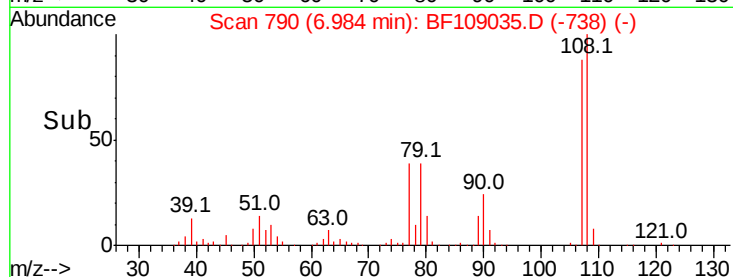
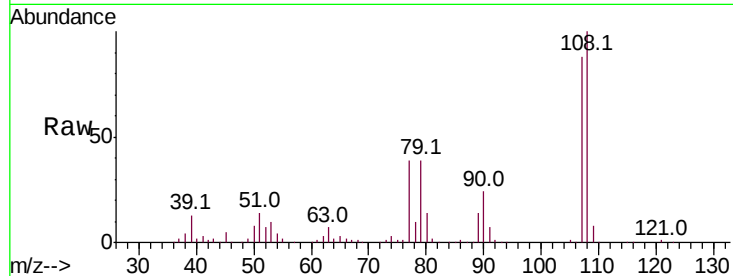
#17
2-Methylphenol
Concen: 45.478 ng
RT: 6.98 min Scan# 790
Delta R.T. 0.01 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB112873BSD

Tot Ion:	107	Resp:	371664
Ion Ratio	Lower	Upper	
107	100		
108	113.4	91.7	137.5
77	44.8	33.8	50.8
79	44.1	33.8	50.8

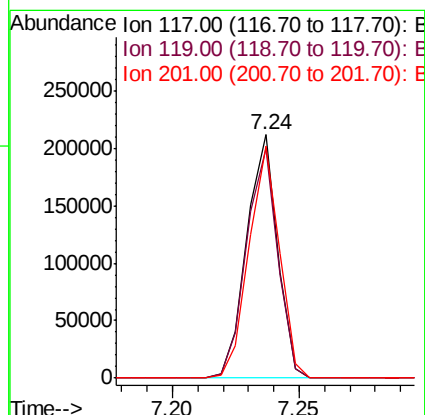
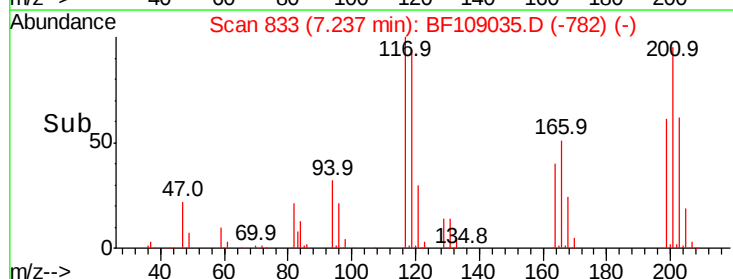
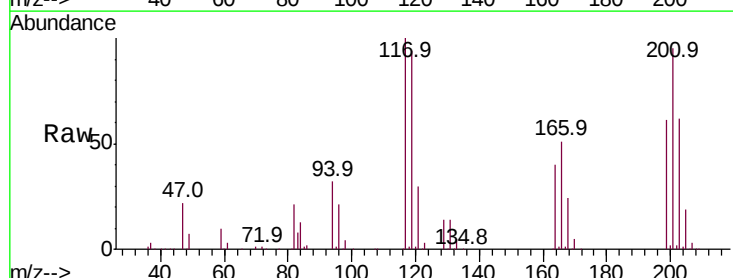
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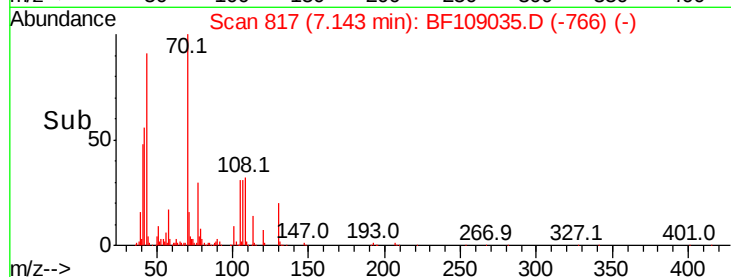
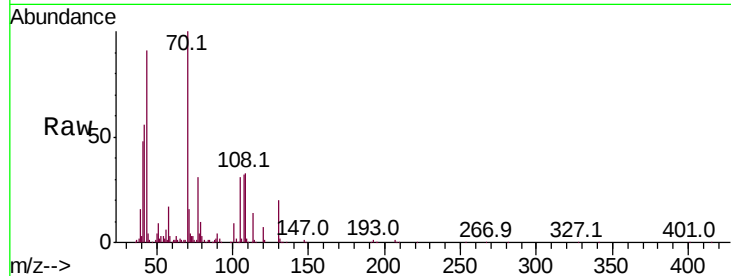
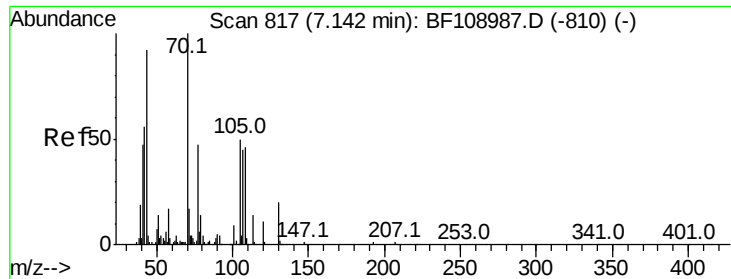
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#18
Hexachloroethane
Concen: 42.875 ng
RT: 7.24 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Tgt Ion:	117	Resp:	178957
Ion Ratio	Lower	Upper	
117	100		
119	94.2	75.8	113.8
201	95.3	75.7	113.5





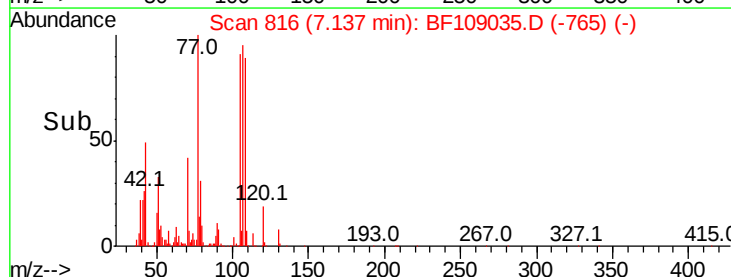
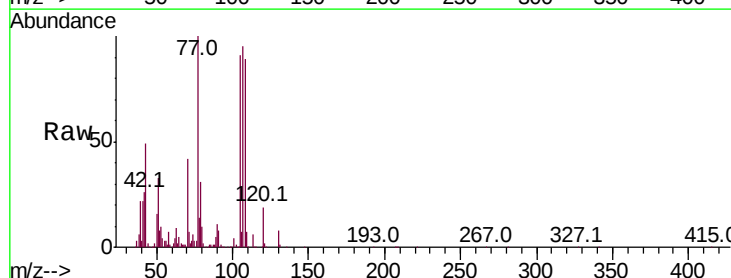
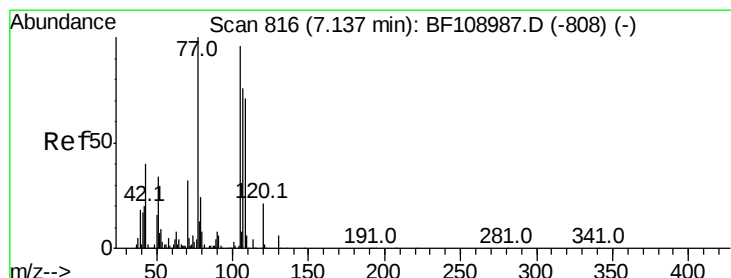
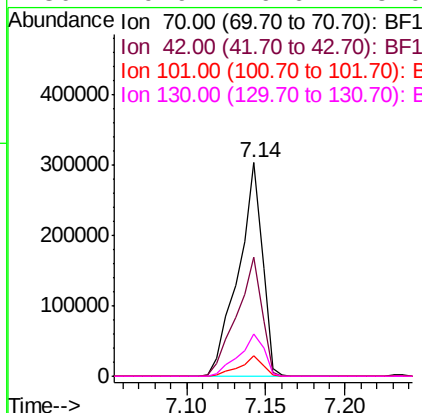
#19
n-Nitroso-di-n-propylamine
Concen: 41.717 ng
RT: 7.14 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB112873BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	55.8	47.5	71.3		
101	9.4	7.4	11.2		
130	19.9	16.6	25.0		

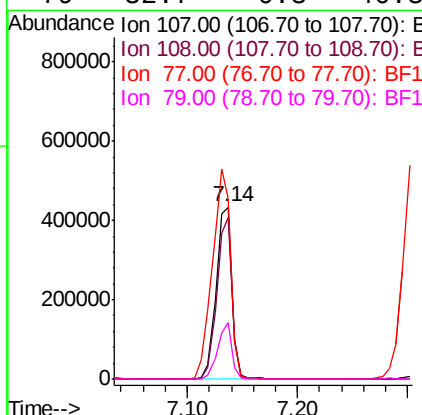
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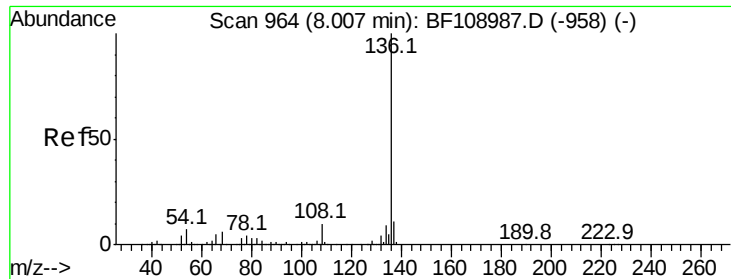
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#20
3+4-Methylphenols
Concen: 43.356 ng
RT: 7.14 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	93.7	68.2	108.2		
77	104.8	26.7	66.7#		
79	32.7	6.3	46.3		





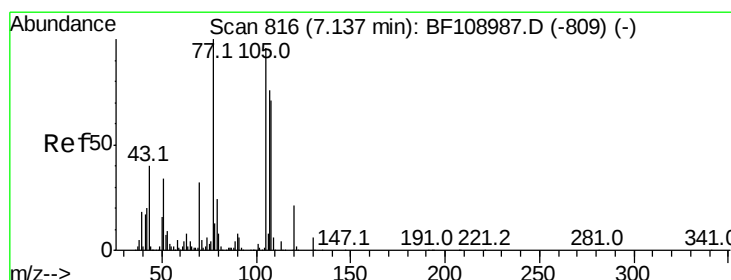
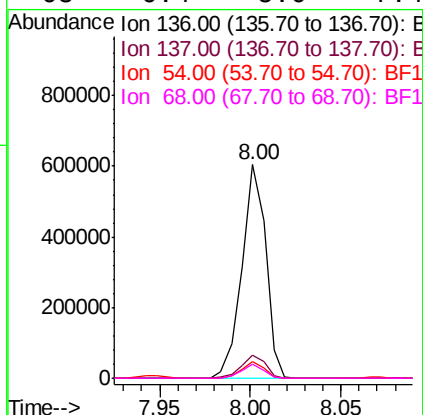
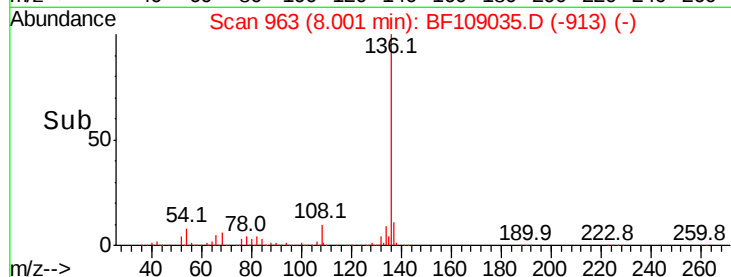
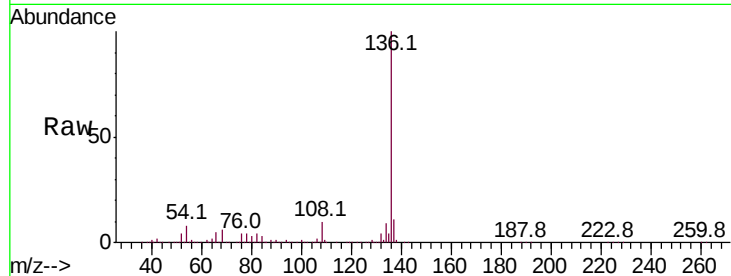
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB112873BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.9	13.3	
54	7.6	6.6	9.8	
68	6.4	5.0	7.4	

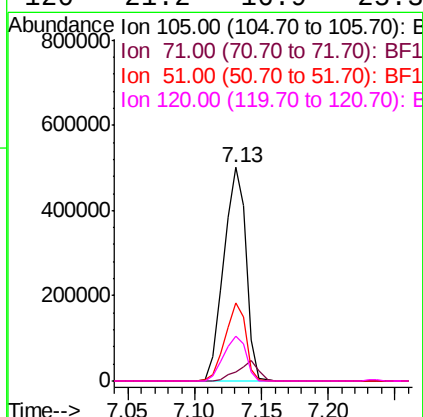
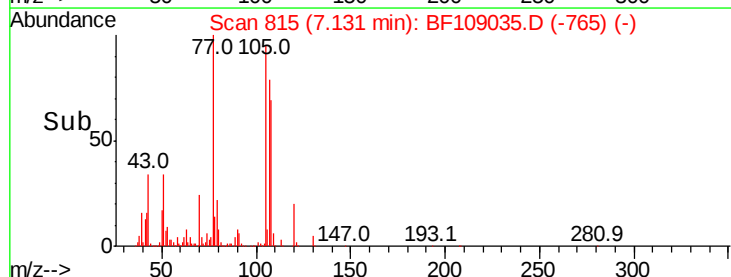
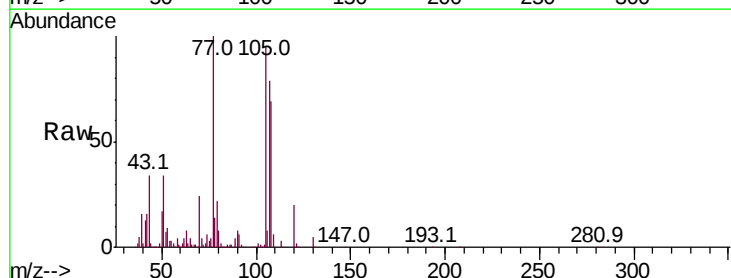
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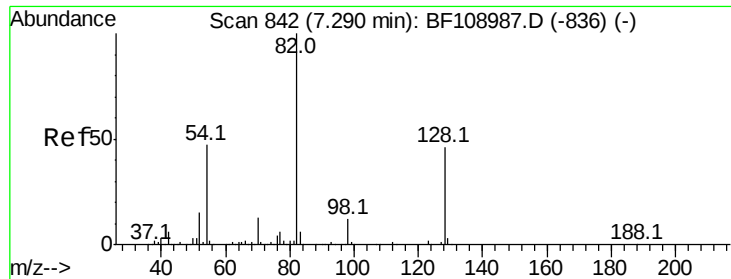
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#22
Acetophenone
Concen: 47.215 ng
RT: 7.13 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.5	4.4	6.6	
51	36.4	22.3	33.5	
120	21.2	16.9	25.3	





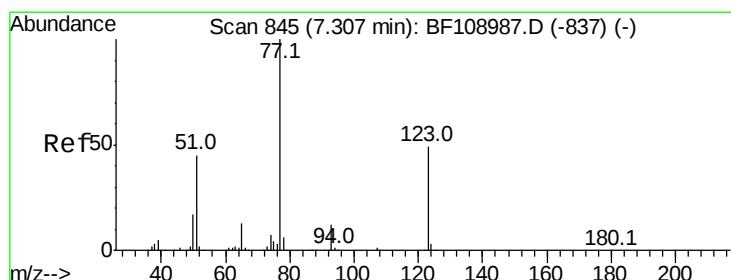
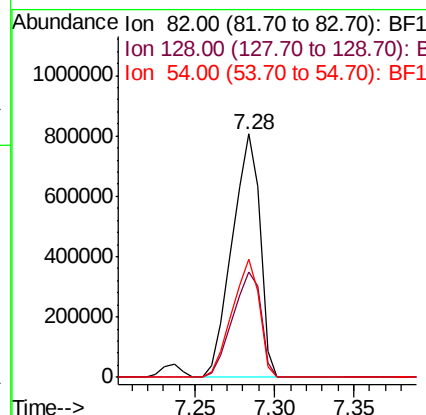
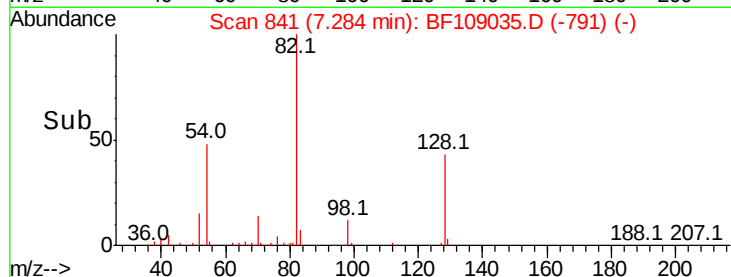
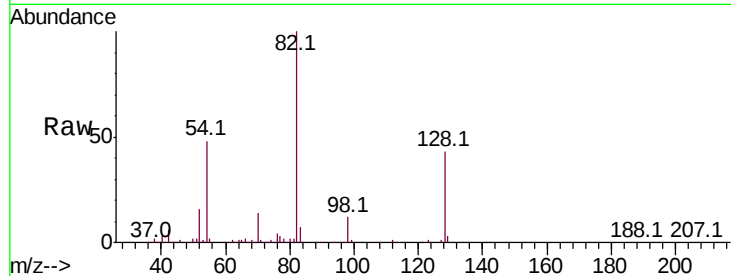
#23
 Nitrobenzene-d5
 Concen: 99.779 ng
 RT: 7.28 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF109035.D
 Acq: 15 Sep 2018 10:01

Instrument :
 BNA_F
 ClientSampleID :
 PB112873BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.4	36.1	54.1
54	48.3	41.4	62.2

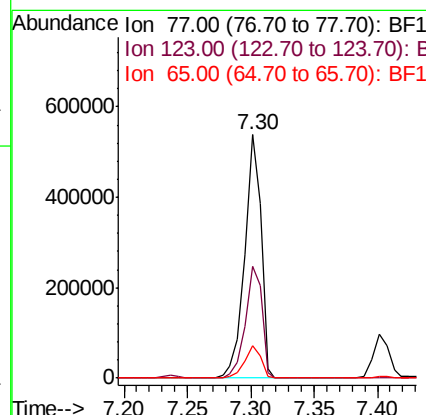
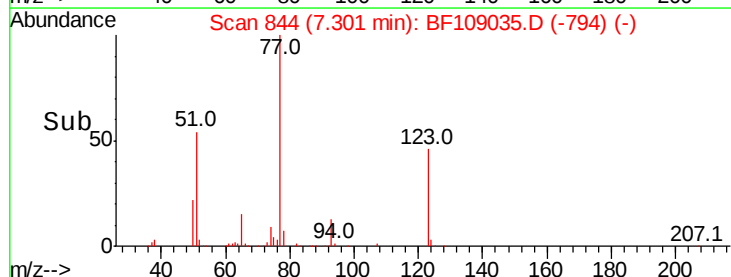
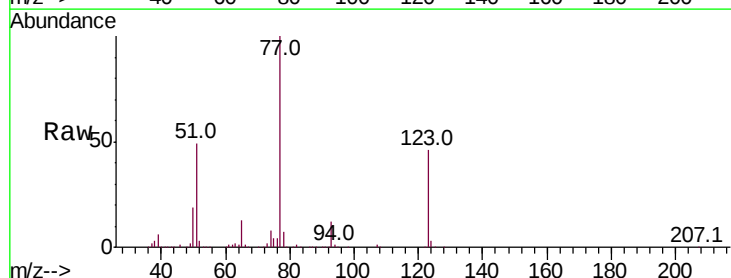
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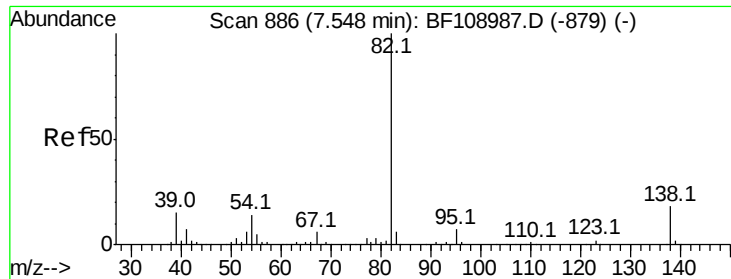
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#24
 Nitrobenzene
 Concen: 46.837 ng
 RT: 7.30 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BF109035.D
 Acq: 15 Sep 2018 10:01

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.8	37.9	56.9
65	13.3	11.0	16.4





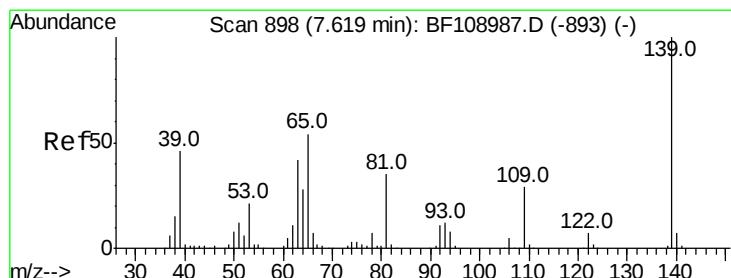
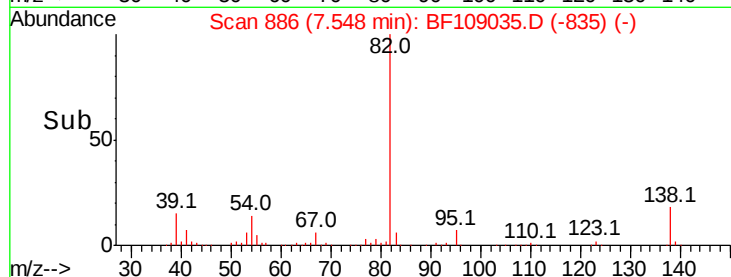
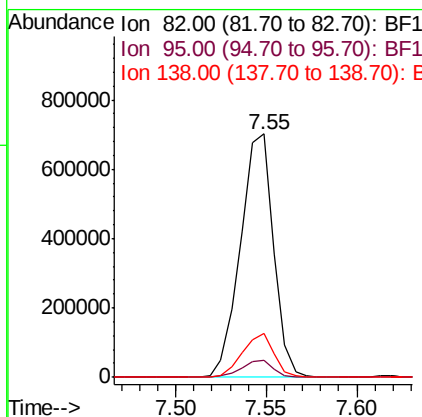
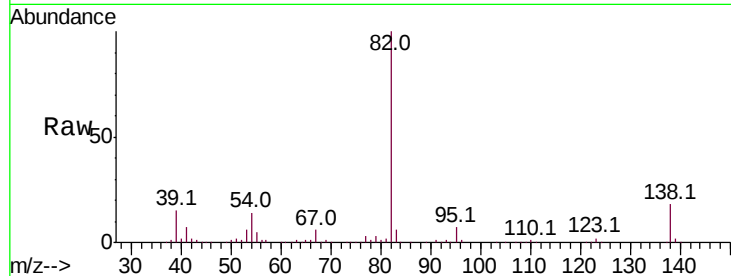
#25
Isophorone
Concen: 52.597 ng
RT: 7.55 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB112873BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.9	5.2	7.8	
138	17.8	14.9	22.3	

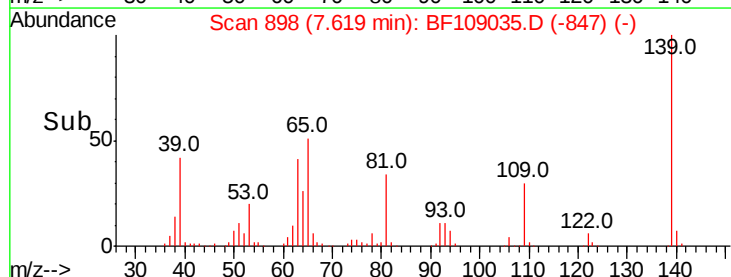
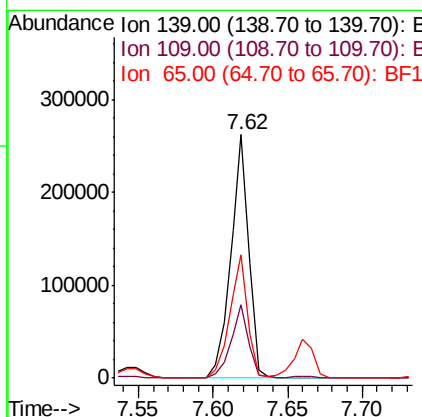
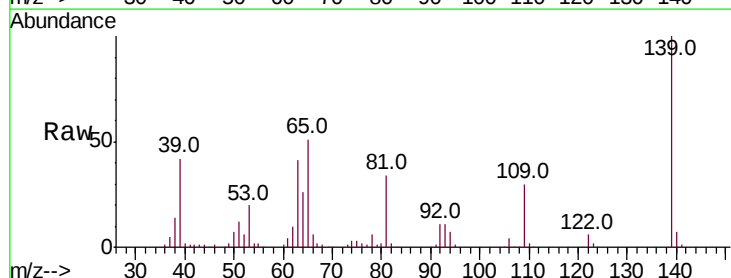
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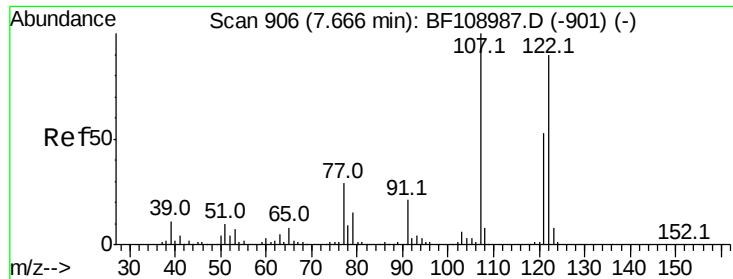
Sohil
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#26
2-Nitrophenol
Concen: 47.104 ng
RT: 7.62 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	30.0	22.7	34.1	
65	50.6	40.5	60.7	





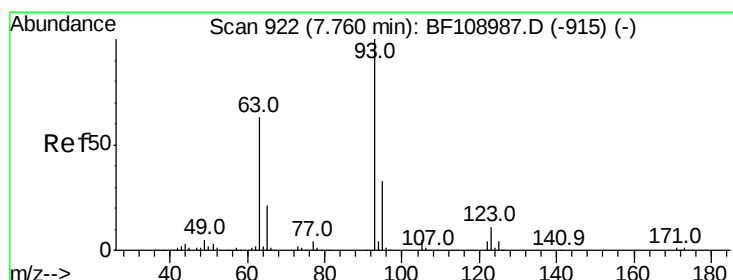
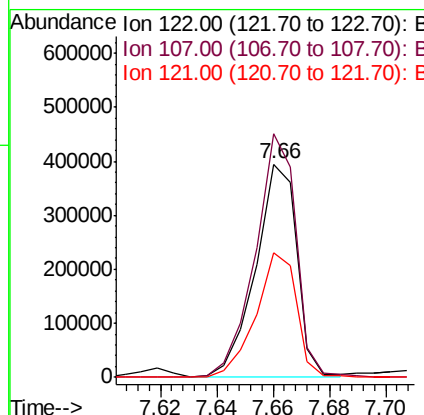
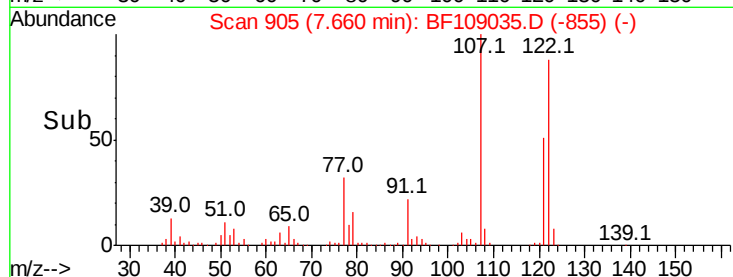
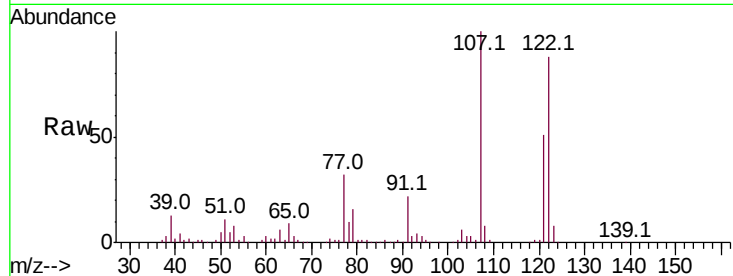
#27
2,4-Dimethylphenol
Concen: 54.123 ng
RT: 7.66 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB112873BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	114.2	91.2	136.8	
121	58.5	47.2	70.8	

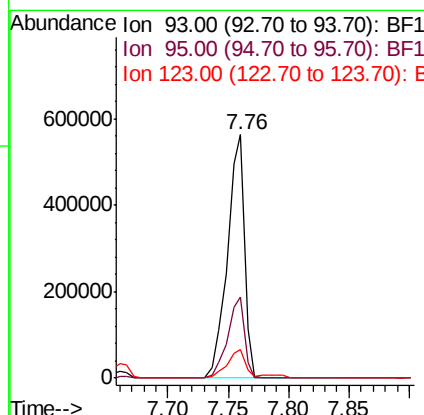
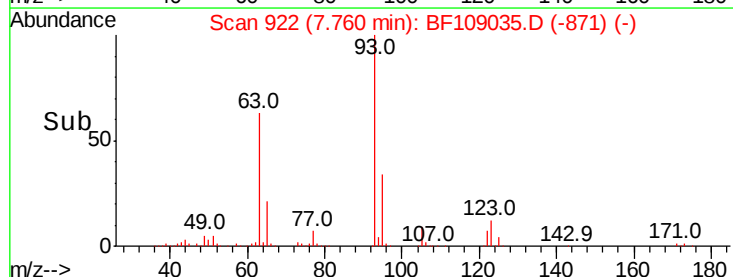
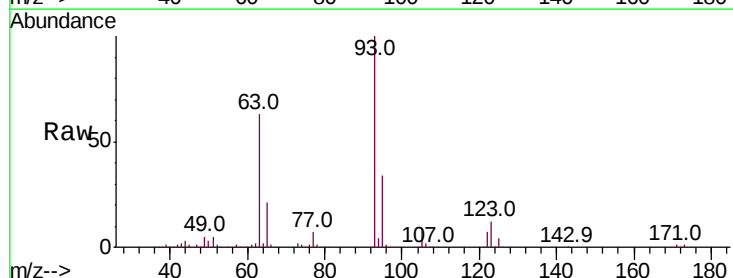
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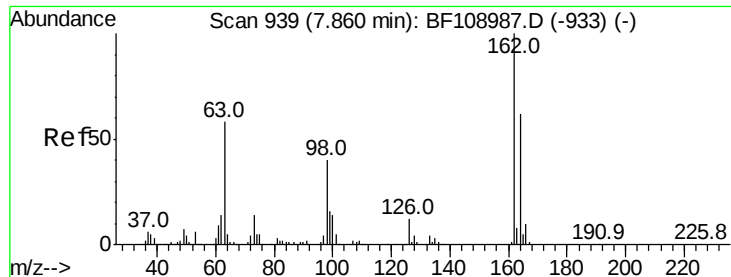
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#28
bis(2-Chloroethoxy)methane
Concen: 48.499 ng
RT: 7.76 min Scan# 922
Delta R.T. 0.00 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	33.5	26.3	39.5	
123	11.8	9.8	14.6	





#29

2,4-Dichlorophenol

Concen: 47.301 ng

RT: 7.86 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF109035.D

Acq: 15 Sep 2018 10:01

Instrument :

BNA_F

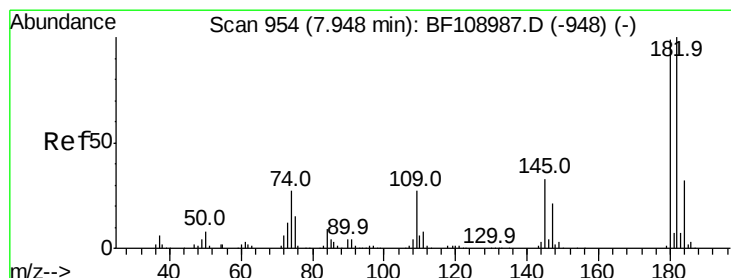
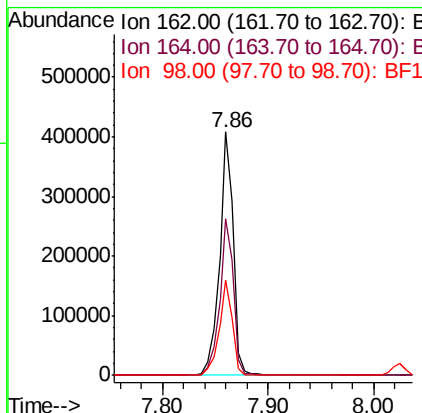
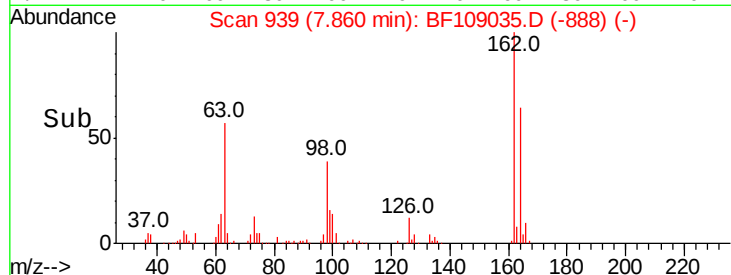
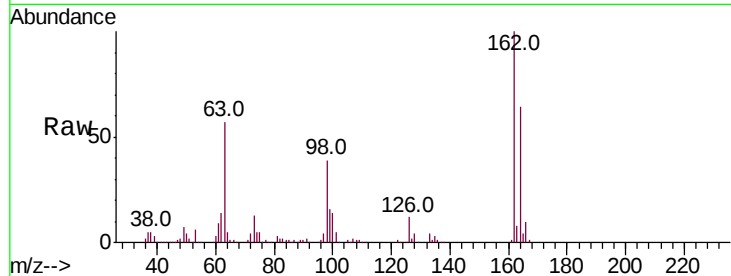
ClientSampleId :

PB112873BSD

Tot Ion:	162	Resp:	374713
Ion Ratio	Lower	Upper	
162	100		
164	64.2	42.7	82.7
98	38.9	18.1	58.1

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#30

1,2,4-Trichlorobenzene

Concen: 45.201 ng

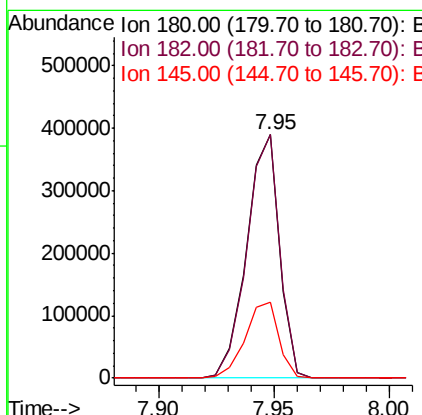
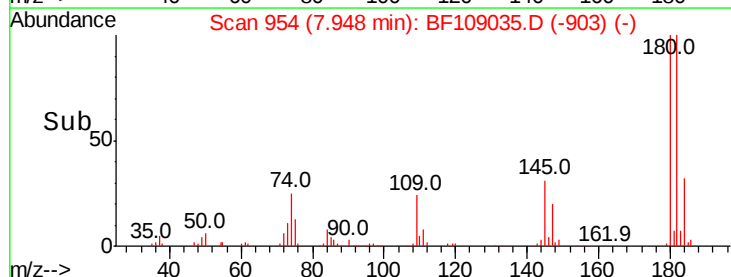
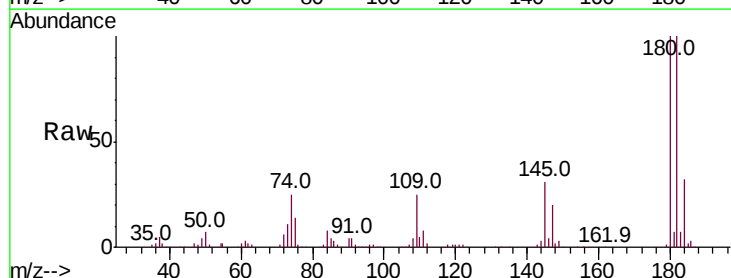
RT: 7.95 min Scan# 954

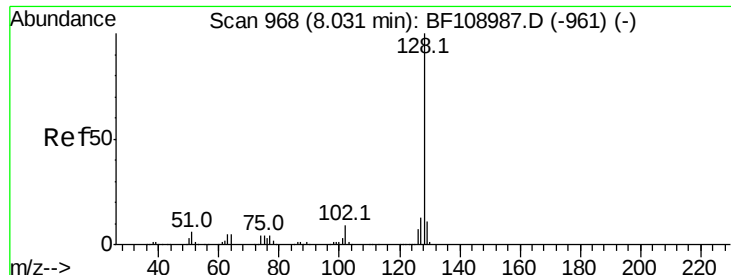
Delta R.T. 0.00 min

Lab File: BF109035.D

Acq: 15 Sep 2018 10:01

Tgt Ion:	180	Resp:	387070
Ion Ratio	Lower	Upper	
180	100		
182	100.0	76.8	115.2
145	31.2	26.5	39.7





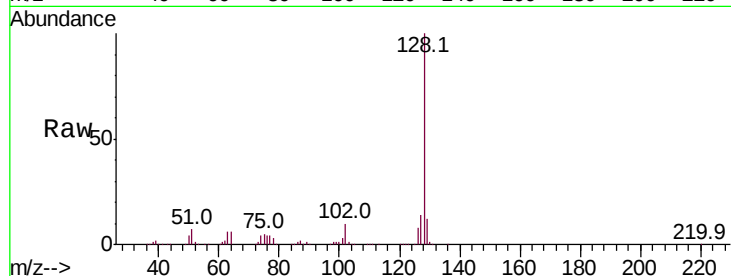
#31
Naphthalene
Concen: 48.834 ng
RT: 8.02 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB112873BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.8	13.2
127	13.5	10.9	16.3

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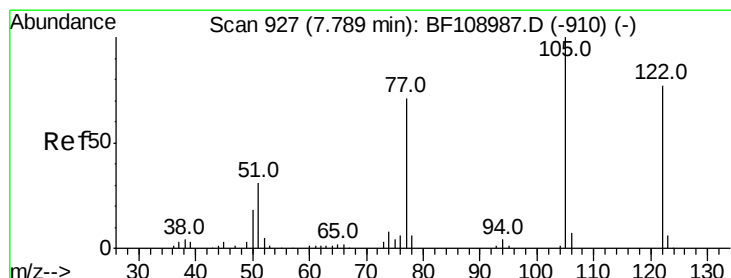
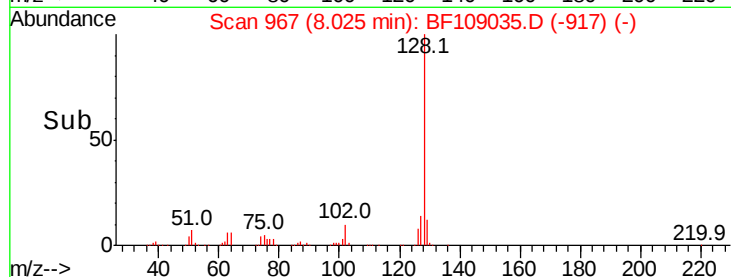
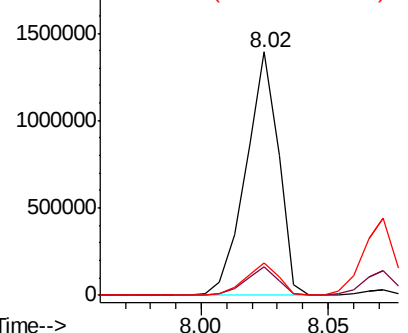


Abundance

Ion 128.00 (127.70 to 128.70): E

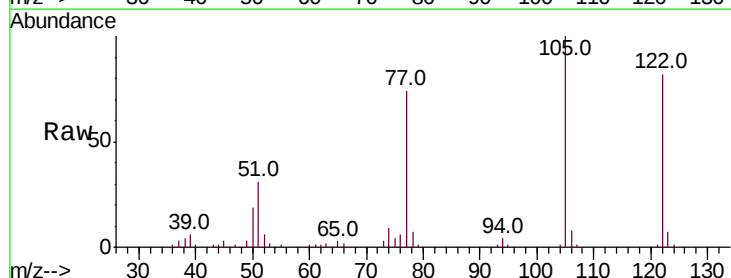
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 54.124 ng
RT: 7.80 min Scan# 928
Delta R.T. 0.01 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.8	101.1	141.1
77	90.0	70.7	110.7

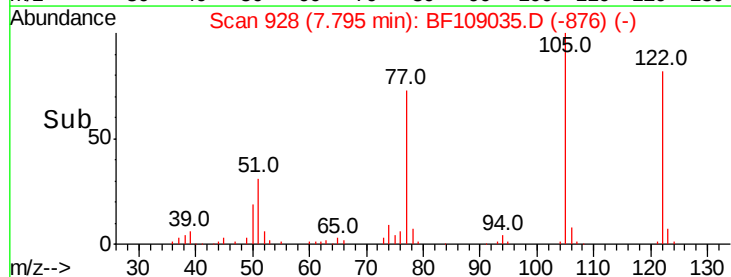
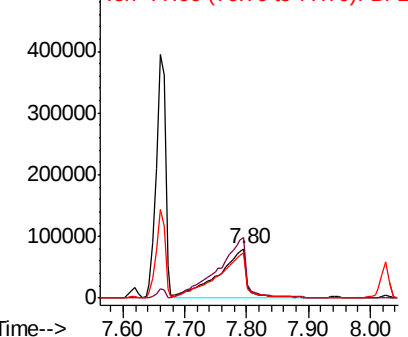


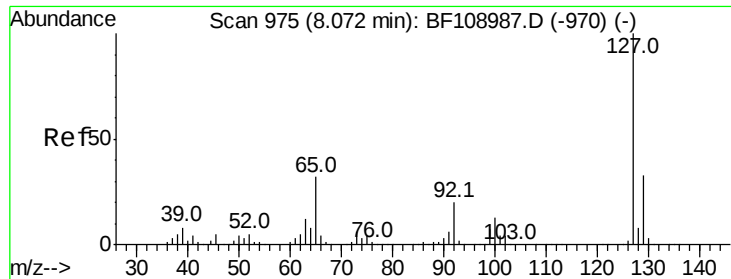
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





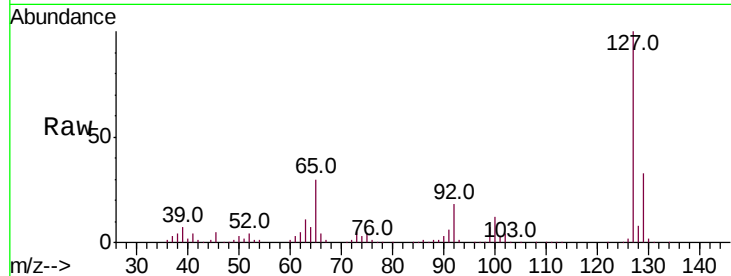
#33
4-Chloroaniline
Concen: 34.306 ng
RT: 8.07 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB112873BSD

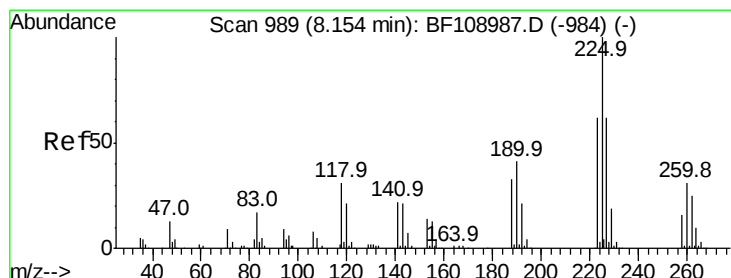
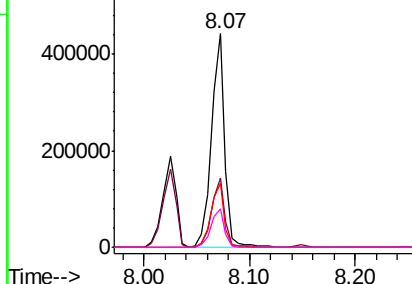
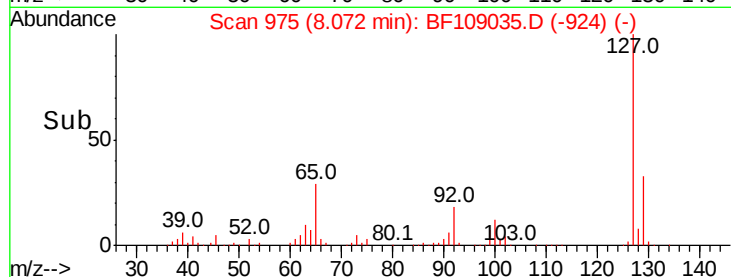
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	30.0	25.0	37.4
92	18.2	15.2	22.8

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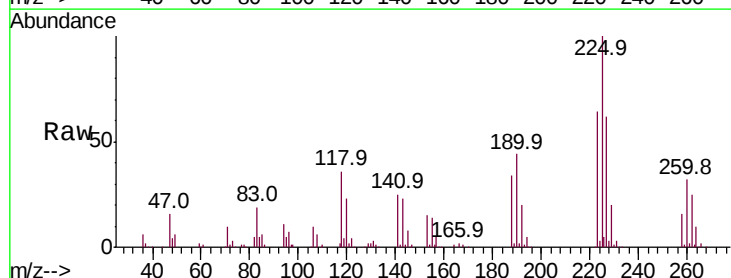


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

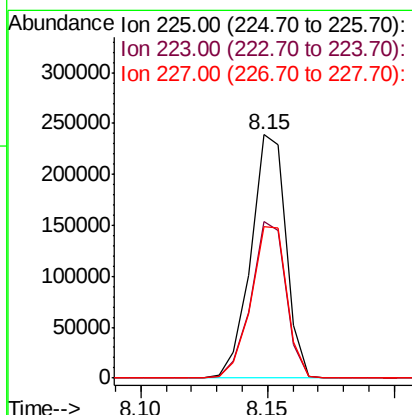
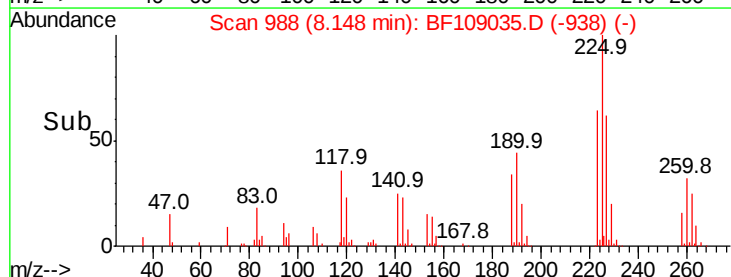


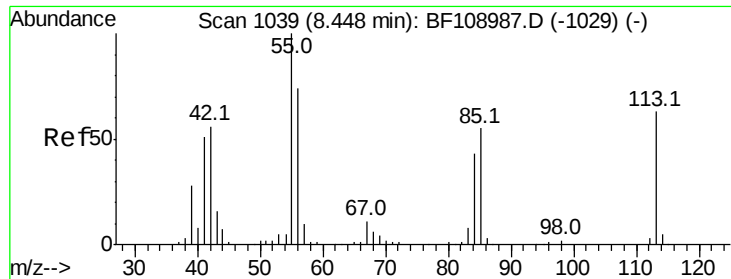
#34
Hexachlorobutadiene
Concen: 44.043 ng
RT: 8.15 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.6	76.0
227	62.1	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 47.646 ng/ml

RT: 8.44 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF109035.D

Acq: 15 Sep 2018 10:01

Instrument :

BNA_F

ClientSampleId :

PB112873BSD

Tot Ion: 113 Resp: 123056

Ion Ratio Lower Upper

113 100

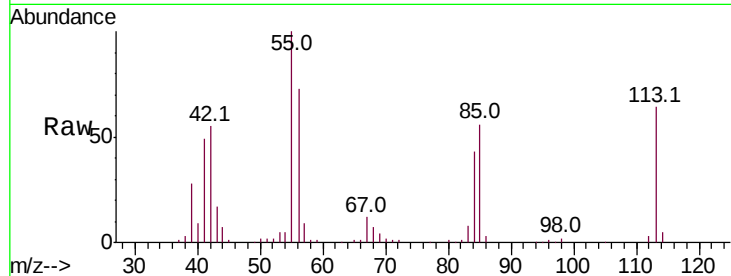
55 155.9 163.3 203.3#

56 113.2 115.7 155.7#

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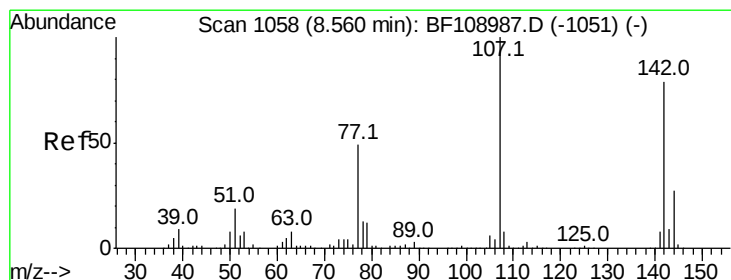
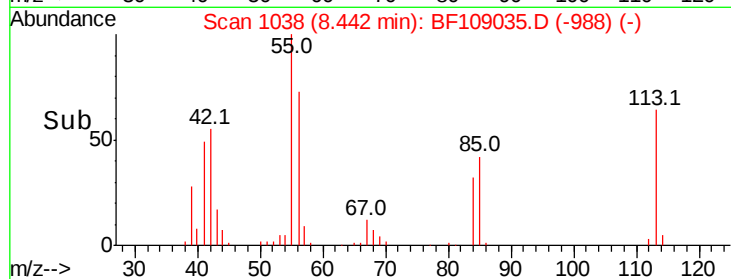
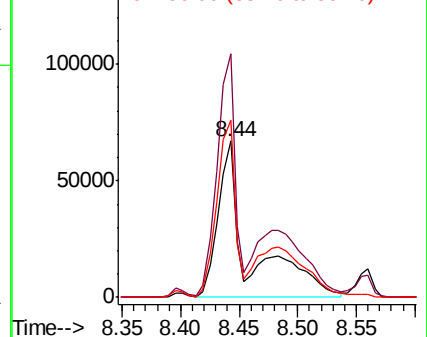
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 46.912 ng/ml

RT: 8.56 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BF109035.D

Acq: 15 Sep 2018 10:01

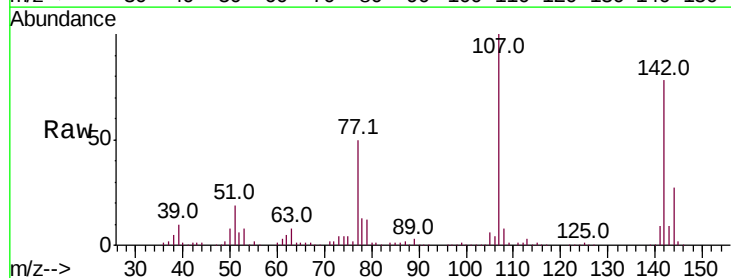
Tgt Ion: 107 Resp: 391220

Ion Ratio Lower Upper

107 100

144 27.1 20.5 30.7

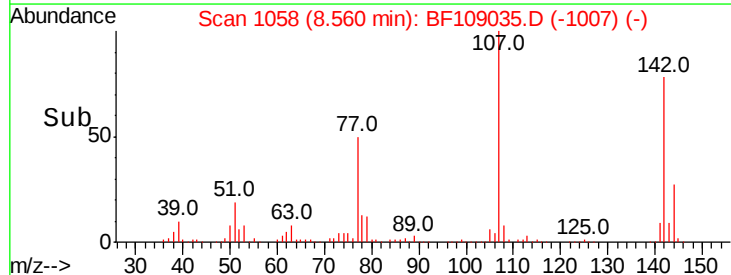
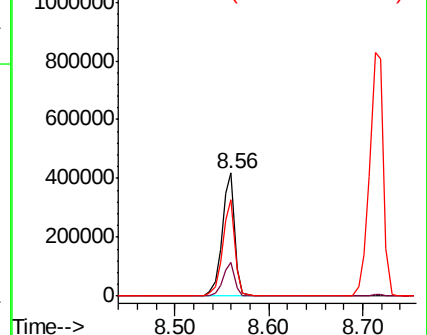
142 78.3 62.0 93.0

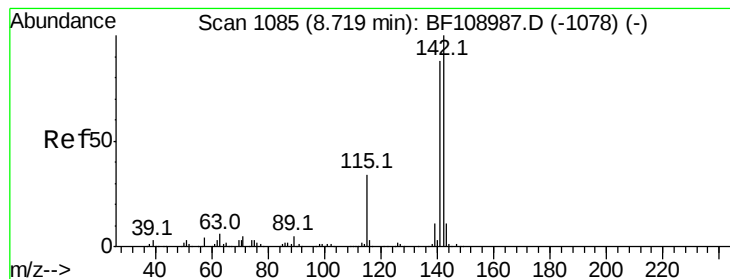


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 50.388 ng

RT: 8.71 min Scan# 1084

Delta R.T. -0.01 min

Lab File: BF109035.D

Acq: 15 Sep 2018 10:01

Instrument :

BNA_F

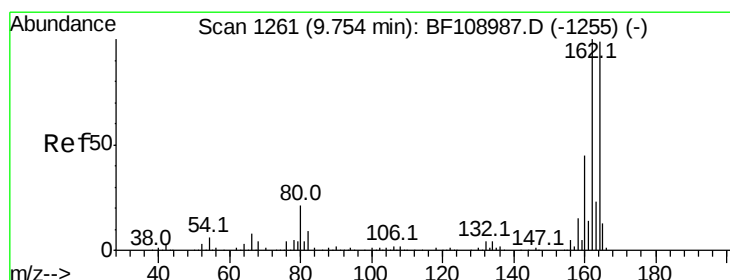
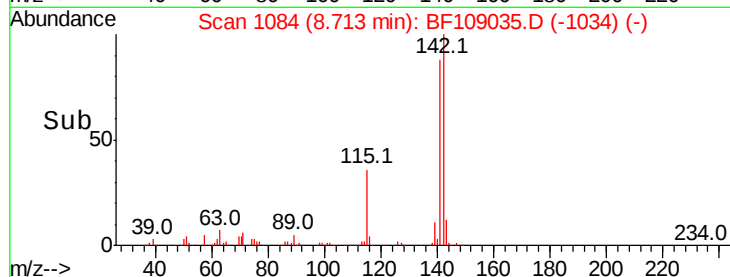
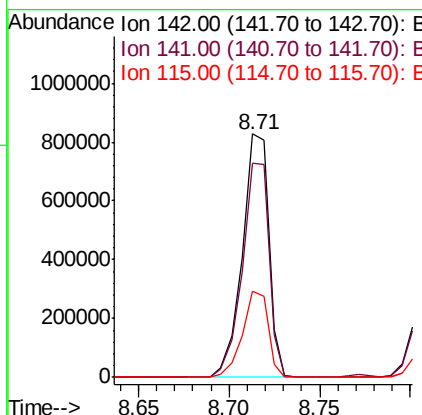
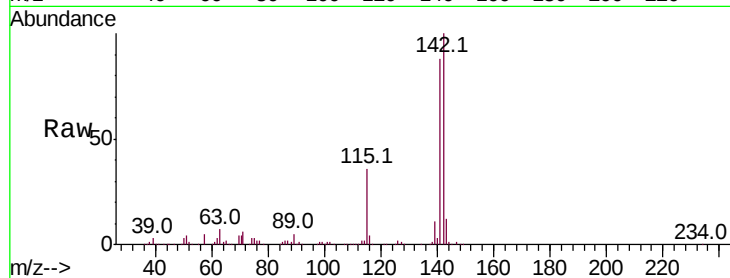
ClientSampleID :

PB112873BSD

Tot Ion:	142	Resp:	841737
Ion Ratio	Lower	Upper	
142	100		
141	88.1	70.8	106.2
115	35.6	26.1	39.1

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#38

Acenaphthene-d10

Concen: 20.000 ng

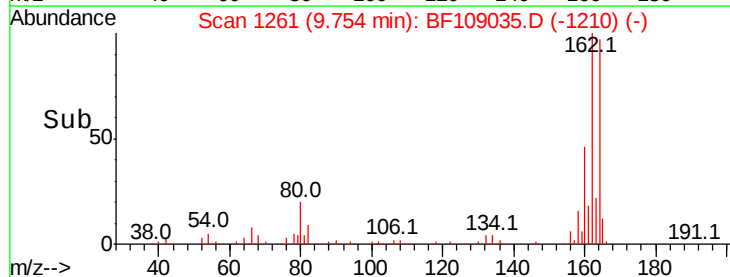
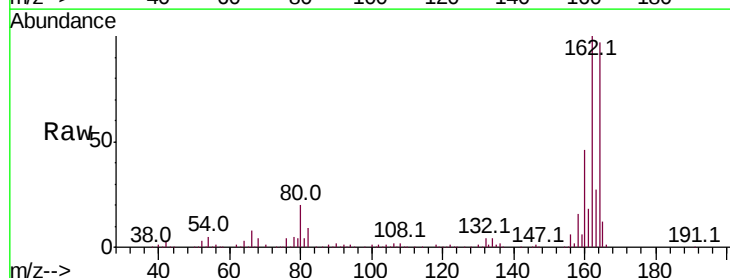
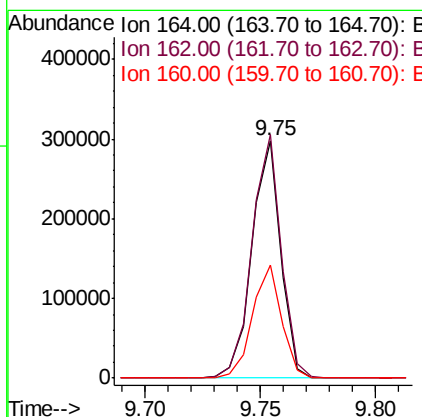
RT: 9.75 min Scan# 1261

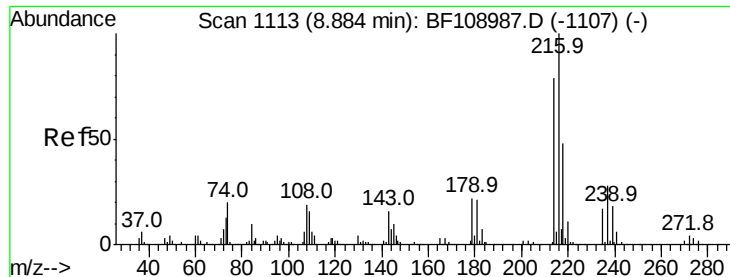
Delta R.T. 0.00 min

Lab File: BF109035.D

Acq: 15 Sep 2018 10:01

Tgt Ion:	164	Resp:	259971
Ion Ratio	Lower	Upper	
164	100		
162	102.6	86.1	129.1
160	47.5	38.3	57.5





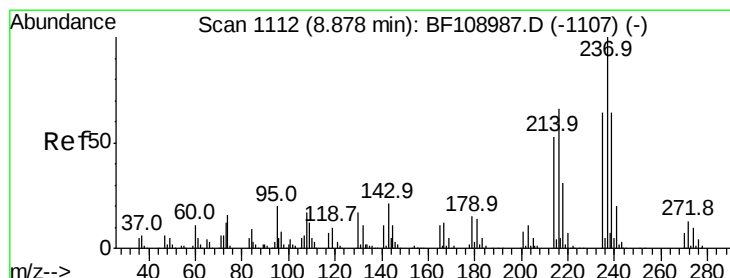
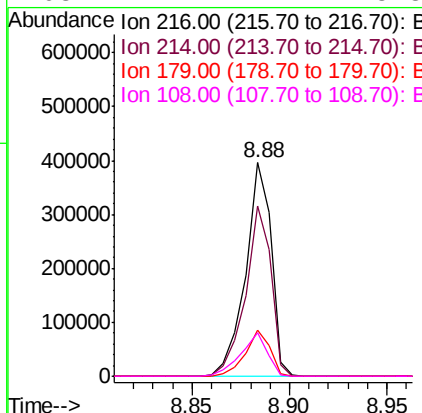
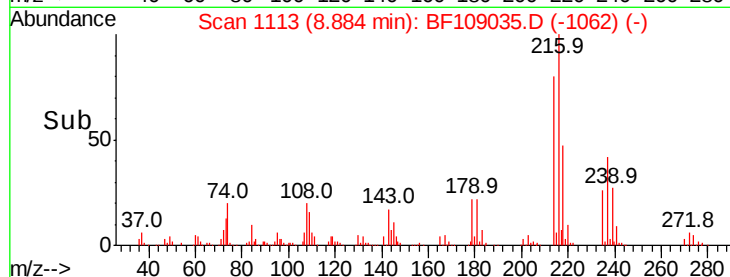
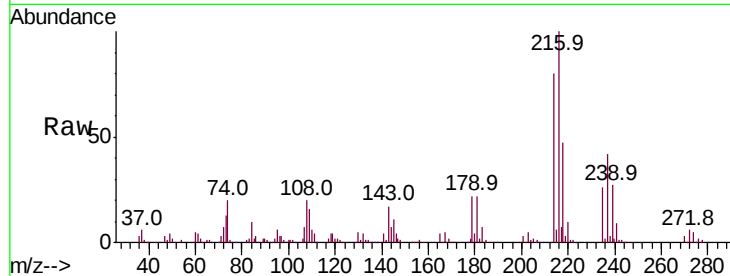
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.260 ng
 RT: 8.88 min Scan# 1113
 Delta R.T. 0.00 min
 Lab File: BF109035.D
 Acq: 15 Sep 2018 10:01

Instrument :
 BNA_F
 ClientSampleId :
 PB112873BSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.2	63.0	94.4
179	20.8	18.1	27.1
108	21.1	17.2	25.8

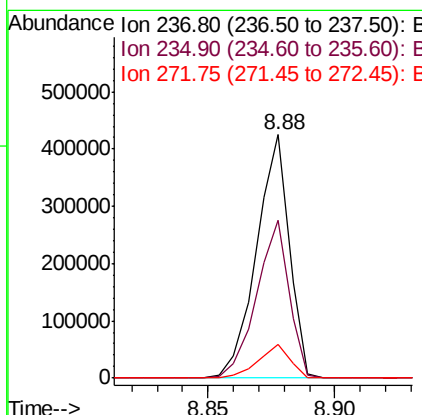
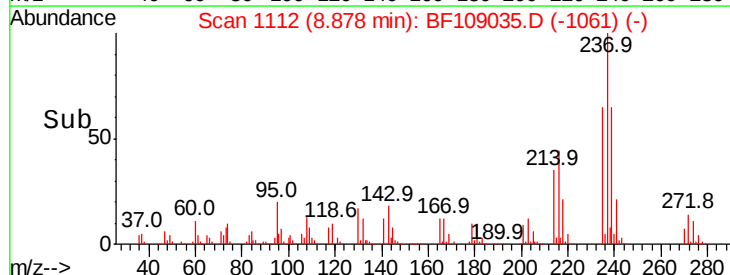
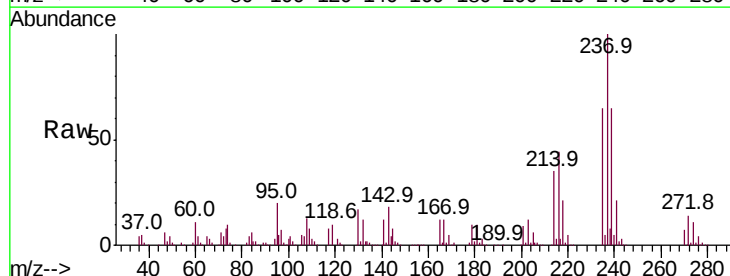
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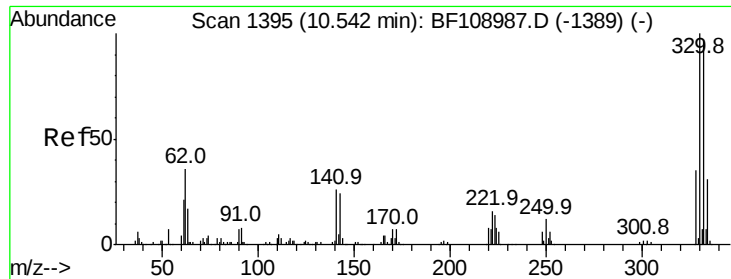
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#40
 Hexachlorocyclopentadiene
 Concen: 93.364 ng
 RT: 8.88 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BF109035.D
 Acq: 15 Sep 2018 10:01

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	64.7	44.8	84.8
272	13.8	0.0	33.3





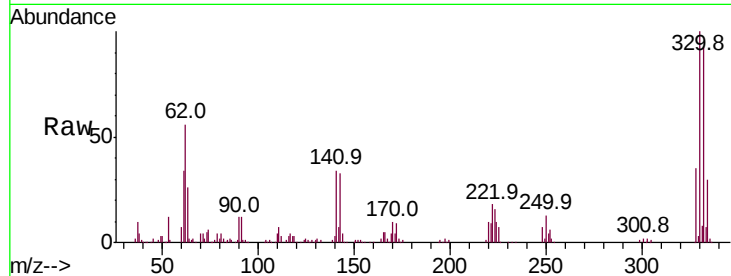
#41
 2,4,6-Tribromophenol
 Concen: 97.889 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109035.D
 Acq: 15 Sep 2018 10:01

Instrument :
 BNA_F
 ClientSampleId :
 PB112873BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	276183		
332	95.3	77.0	115.6	
141	32.2	29.9	44.9	

Manual Integrations
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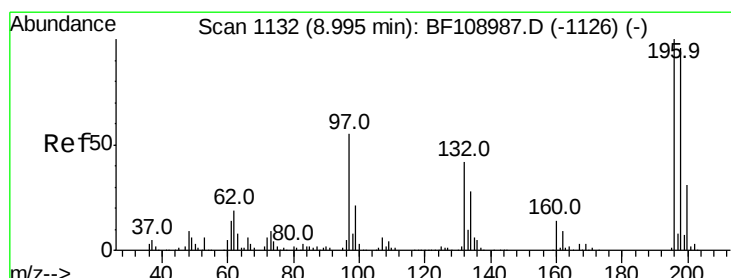
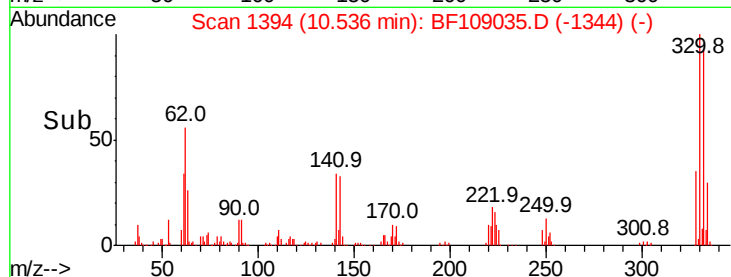
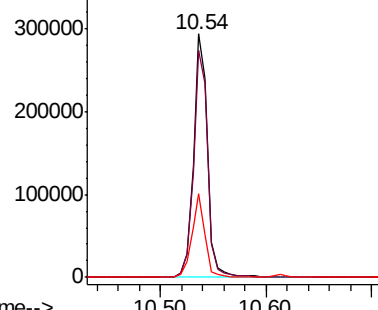


Abundance

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: 47.403 ng
 RT: 9.00 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: BF109035.D
 Acq: 15 Sep 2018 10:01

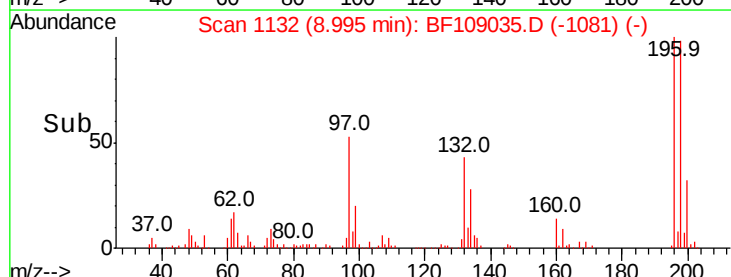
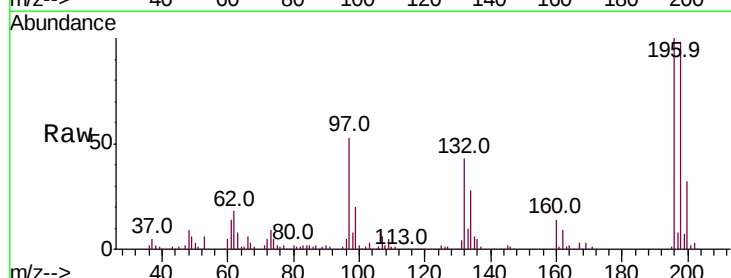
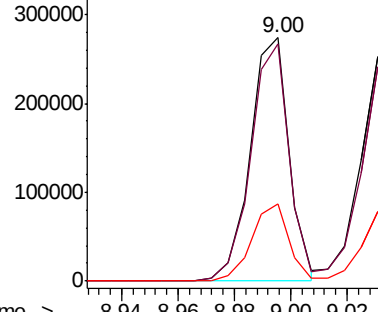
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	260707		
198	97.6	75.7	113.5	
200	31.5	24.5	36.7	

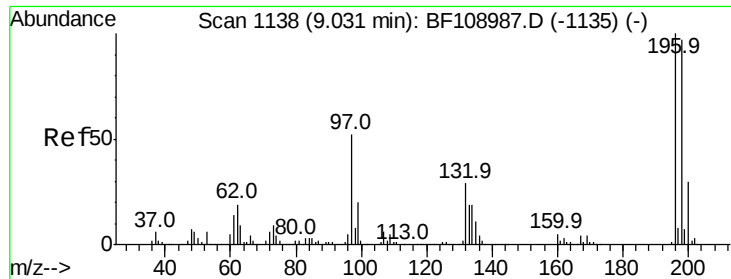
Abundance

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





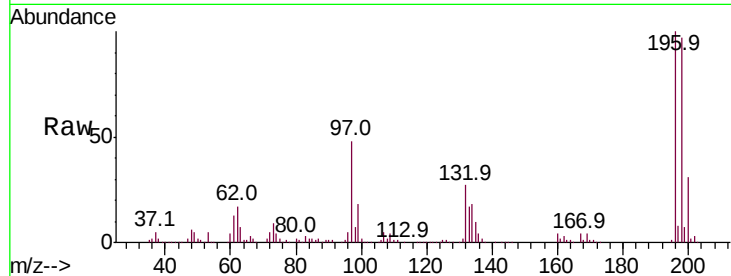
#43
 2,4,5-Trichlorophenol
 Concen: 49.749 ng
 RT: 9.04 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: BF109035.D
 Acq: 15 Sep 2018 10:01

Instrument :
 BNA_F
 ClientSampleId :
 PB112873BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	285919		
198	97.3	74.6	112.0	
97	48.0	42.9	64.3	
132	26.8	26.3	39.5	

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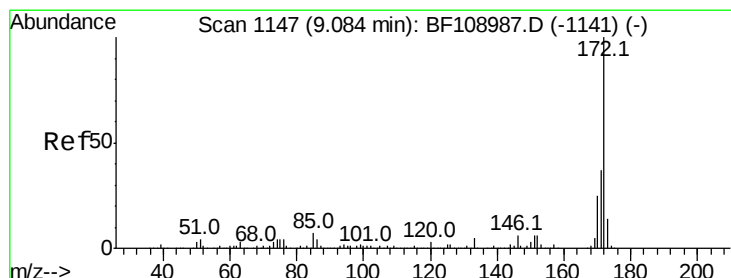
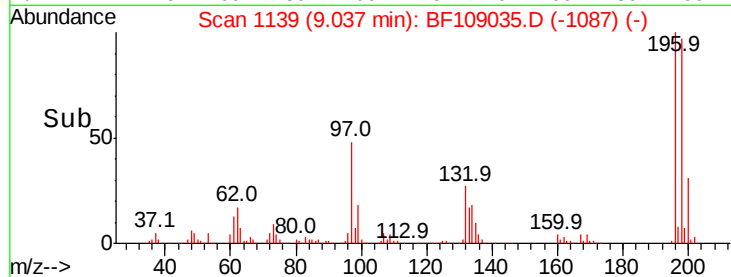
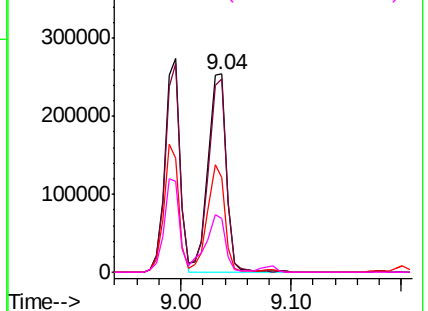
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

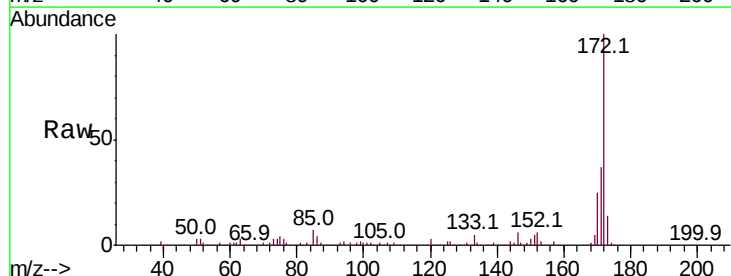
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 100.663 ng
 RT: 9.08 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BF109035.D
 Acq: 15 Sep 2018 10:01

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1670323		
171	37.0	29.7	44.5	
170	25.0	19.6	29.4	

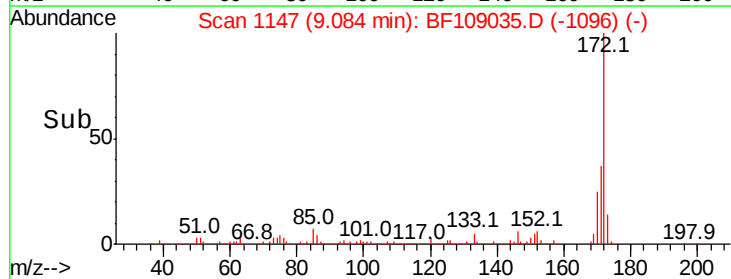
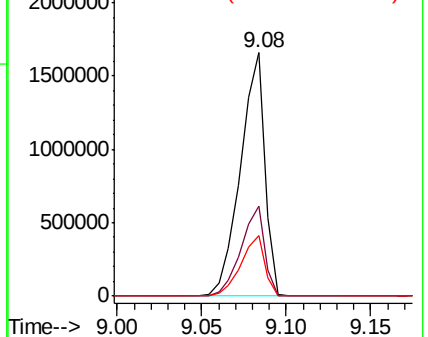


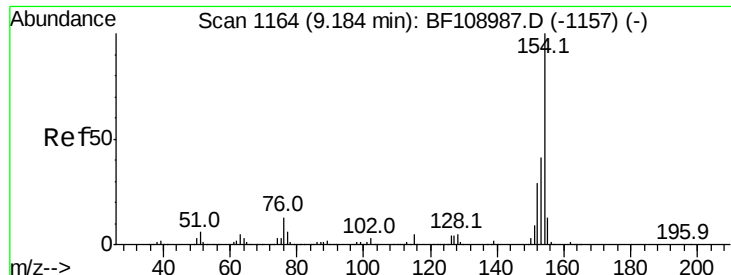
Abundance

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: 47.191 ng

RT: 9.18 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF109035.D

Acq: 15 Sep 2018 10:01

Instrument :

BNA_F

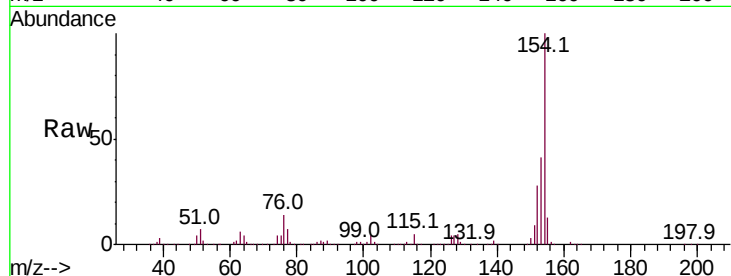
ClientSampled :

PB112873BSD

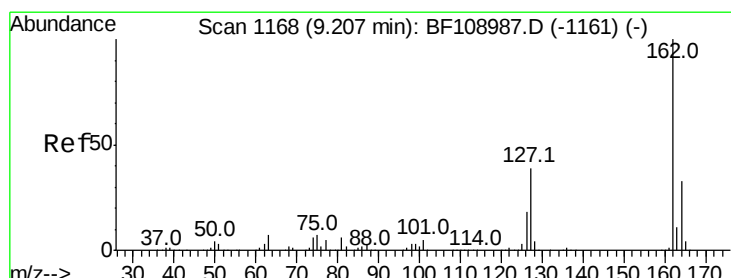
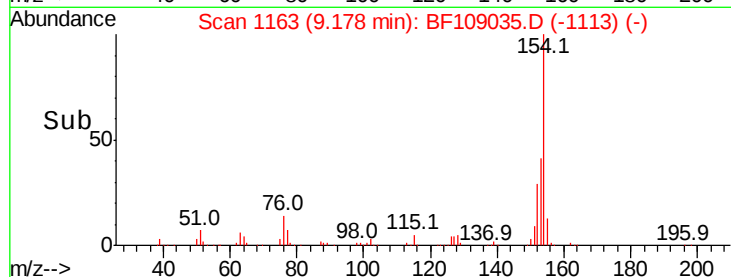
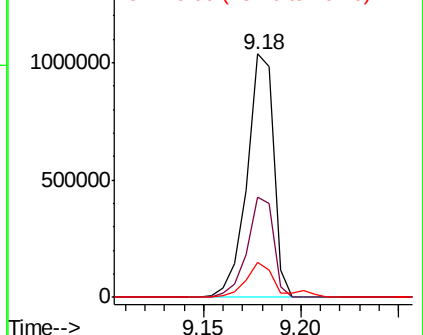
Tot Ion:	154	Resp:	981517
Ion Ratio	Lower	Upper	
154	100		
153	41.1	21.3	61.3
76	14.5	0.0	34.0

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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: 46.093 ng

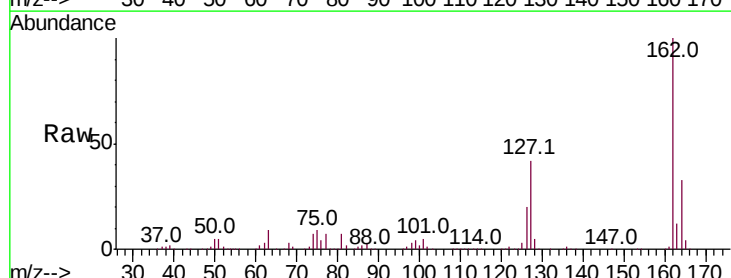
RT: 9.20 min Scan# 1167

Delta R.T. -0.01 min

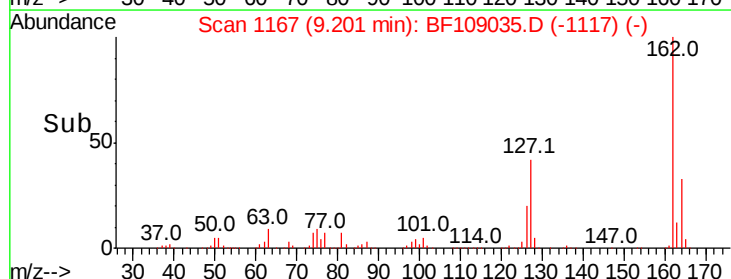
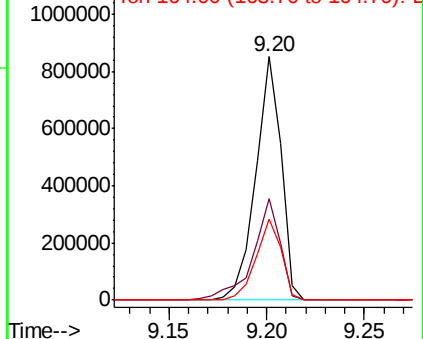
Lab File: BF109035.D

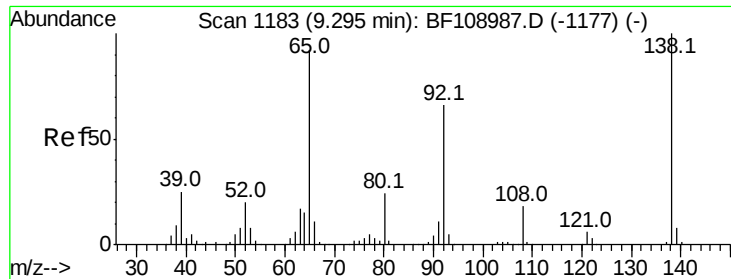
Acq: 15 Sep 2018 10:01

Tgt Ion:	162	Resp:	767766
Ion Ratio	Lower	Upper	
162	100		
127	41.5	33.9	50.9
164	33.4	26.5	39.7



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





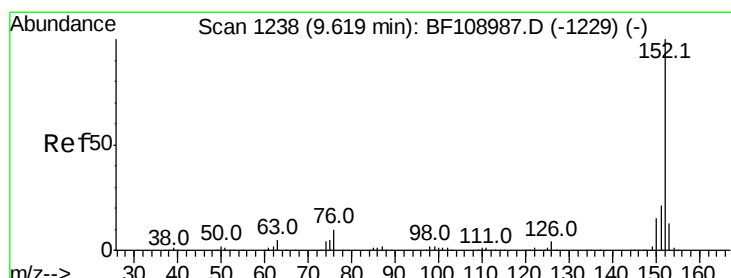
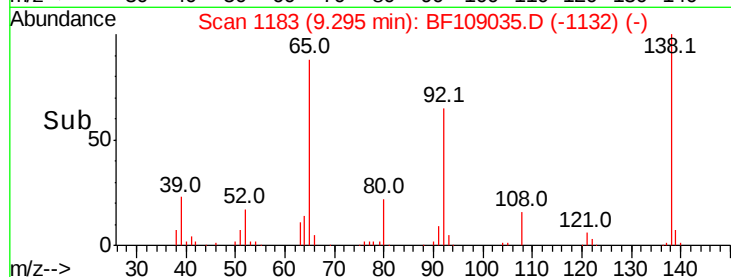
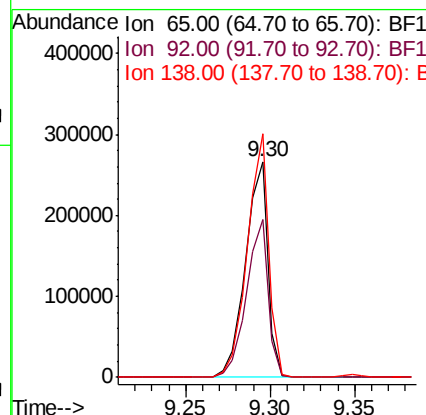
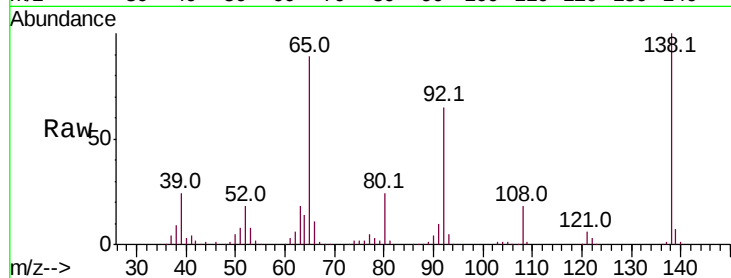
#47
 2-Nitroaniline
 Concen: 48.044 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF109035.D
 Acq: 15 Sep 2018 10:01

Instrument :
 BNA_F
 ClientSampleId :
 PB112873BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.2	55.8	83.6
138	112.7	91.2	136.8

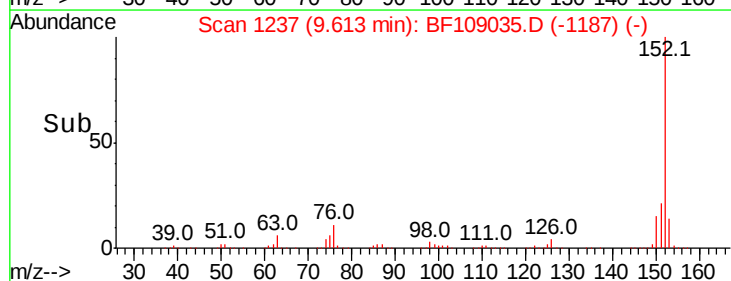
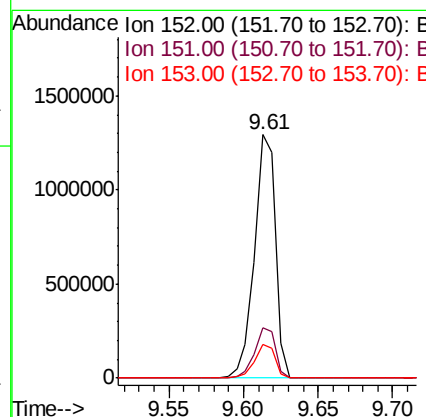
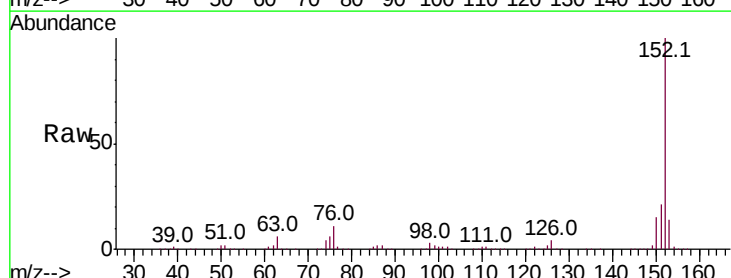
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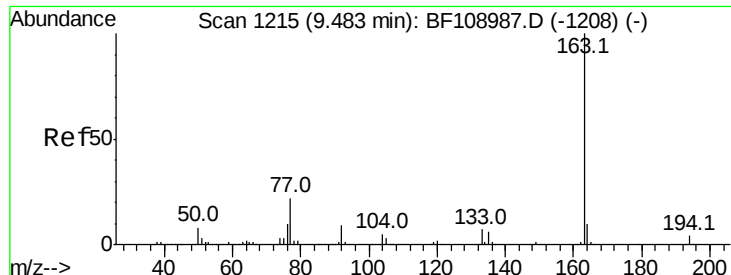
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#48
 Acenaphthylene
 Concen: 49.680 ng
 RT: 9.61 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BF109035.D
 Acq: 15 Sep 2018 10:01

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	13.7	10.7	16.1





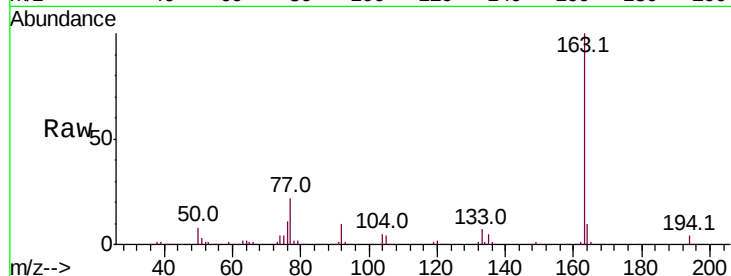
#49
Dimethylphthalate
Concen: 47.642 ng
RT: 9.48 min Scan# 1215
Delta R.T. 0.00 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB112873BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	885243		
194	3.9		2.7	4.1
164	10.3		8.2	12.2

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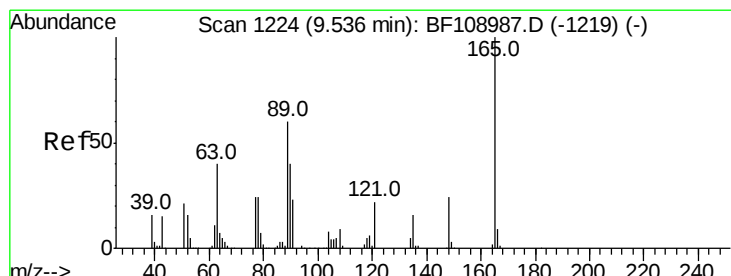
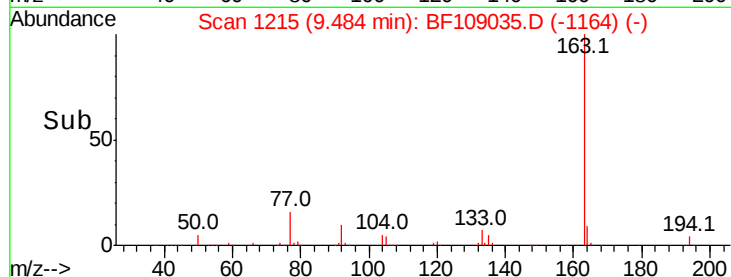
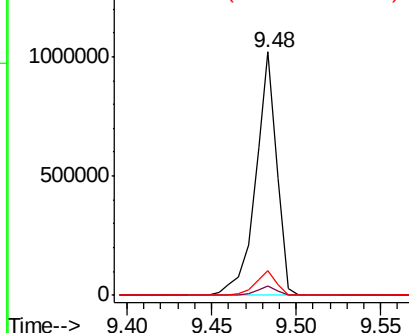


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 48.911 ng
RT: 9.54 min Scan# 1224
Delta R.T. 0.00 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

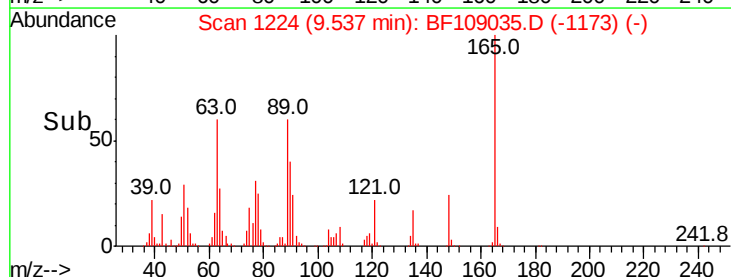
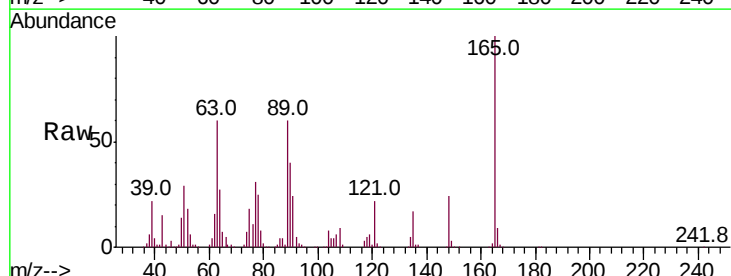
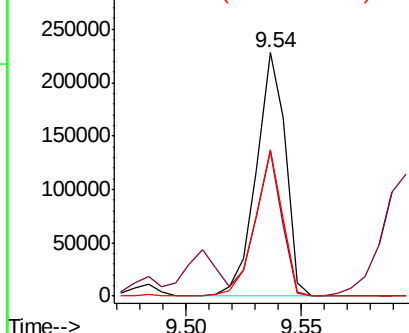
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	201544		
63	59.5		44.7	67.1
89	60.3		44.0	66.0

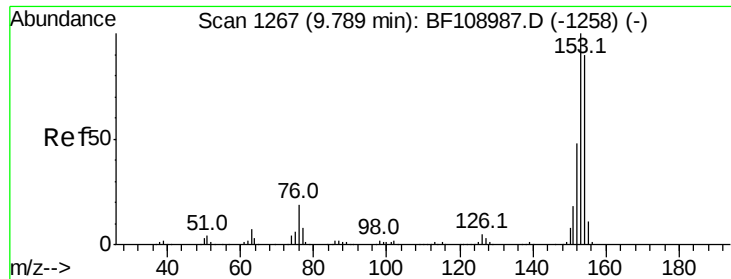
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 50.845 ng

RT: 9.79 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BF109035.D

Acq: 15 Sep 2018 10:01

Instrument :

BNA_F

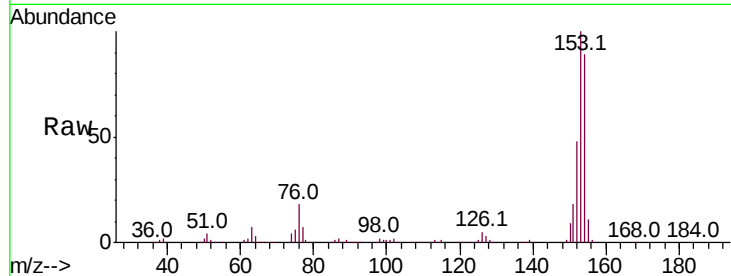
ClientSampleId :

PB112873BSD

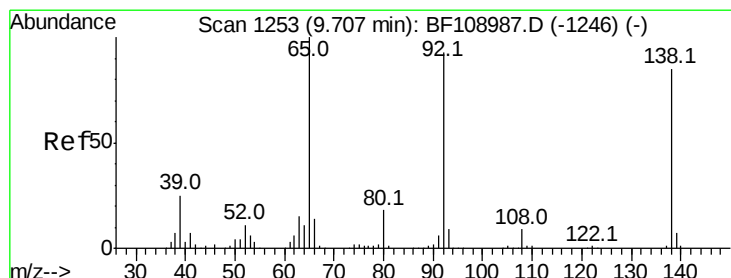
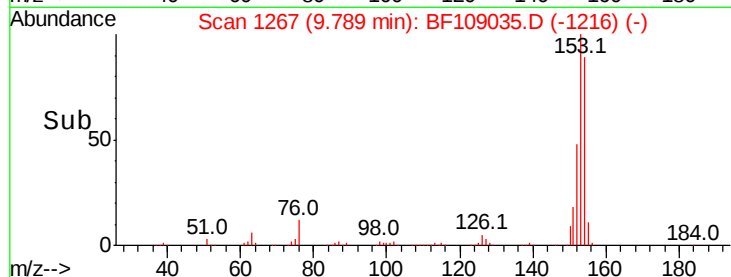
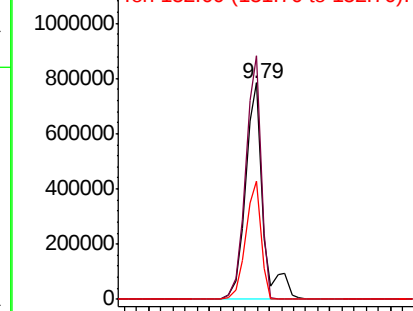
Tot Ion:	154	Resp:	795121
Ion Ratio	Lower	Upper	
154	100		
153	112.5	91.2	136.8
152	54.4	43.8	65.8

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



#52

3-Nitroaniline

Concen: 34.130 ng

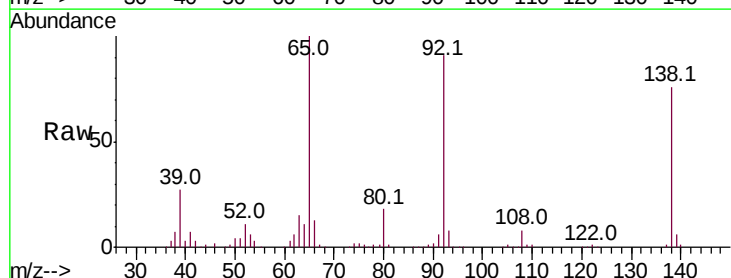
RT: 9.70 min Scan# 1252

Delta R.T. -0.01 min

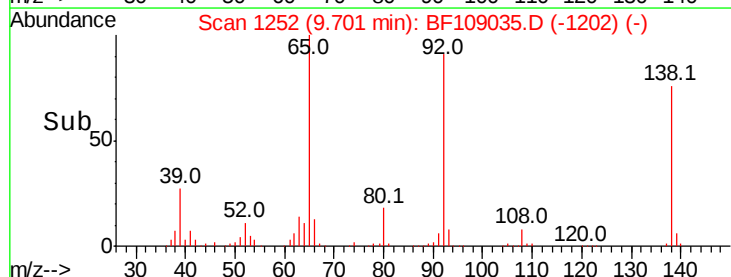
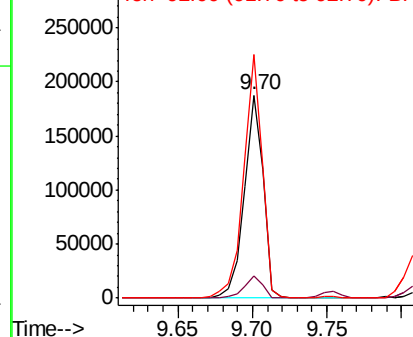
Lab File: BF109035.D

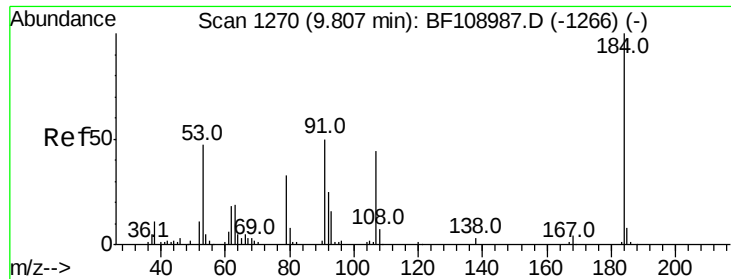
Acq: 15 Sep 2018 10:01

Tgt Ion:	138	Resp:	165604
Ion Ratio	Lower	Upper	
138	100		
108	10.6	9.4	14.0
92	119.8	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





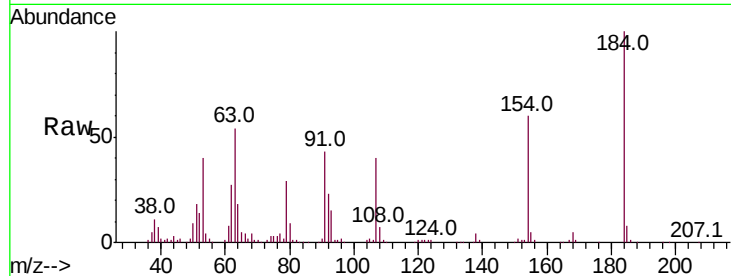
#53
2,4-Dinitrophenol
Concen: 92.852 ng
RT: 9.81 min Scan# 1271
Delta R.T. 0.01 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB112873BSD

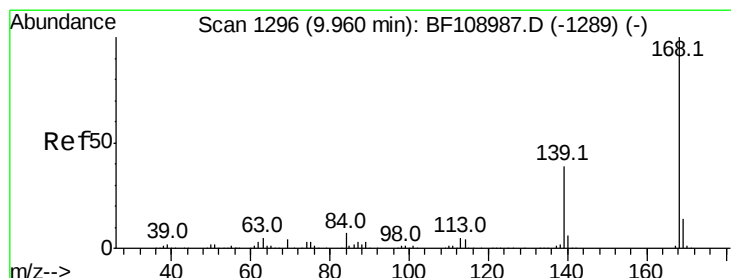
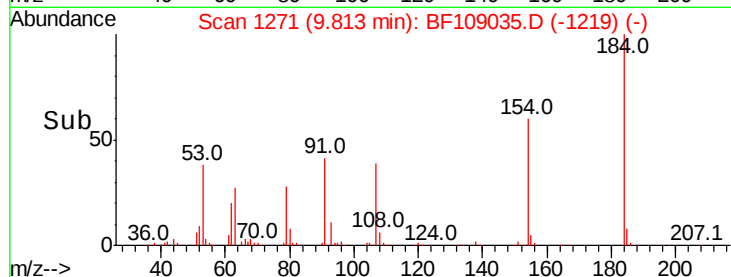
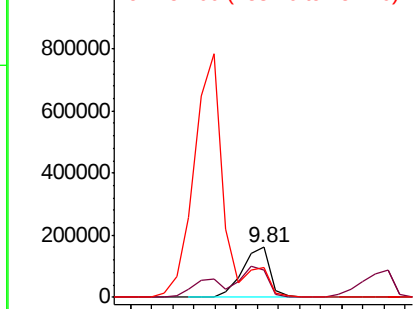
Tot Ion	Ratio	Lower	Upper
184	100		
63	53.9	54.2	81.2#
154	59.9	184.0	276.0#

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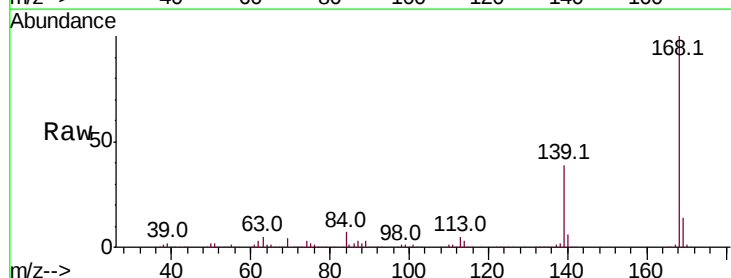


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

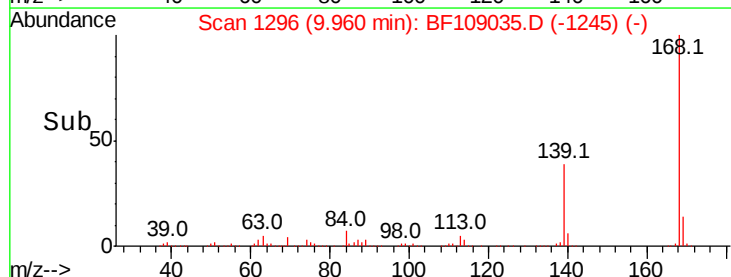
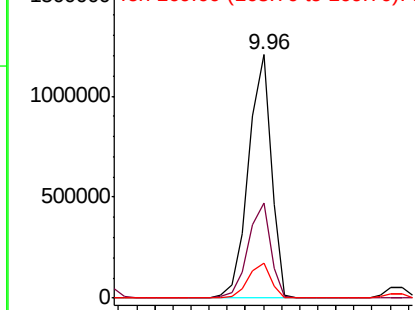


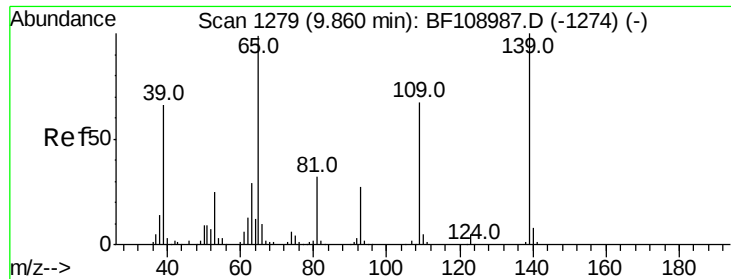
#54
Dibenzofuran
Concen: 46.747 ng
RT: 9.96 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.1	30.1	45.1
169	14.3	10.9	16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





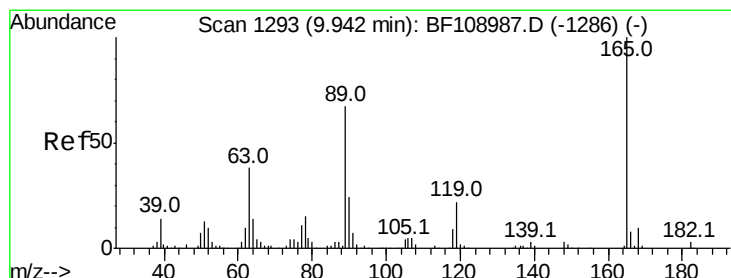
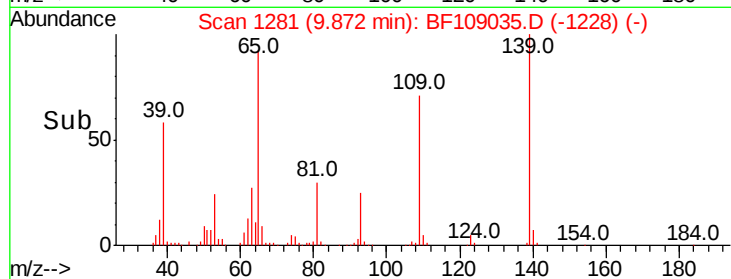
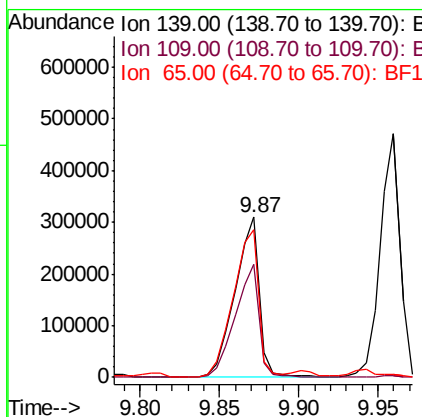
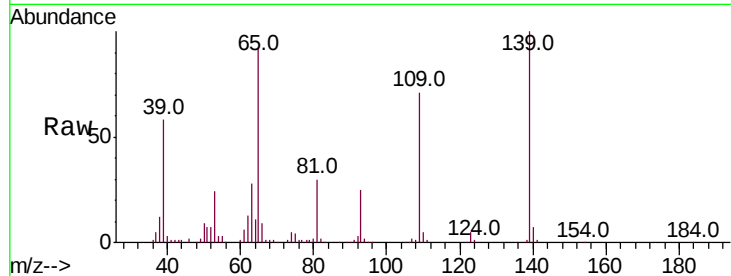
#55
4-Nitrophenol
Concen: 92.237 ng
RT: 9.87 min Scan# 1281
Delta R.T. 0.01 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB112873BSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	70.9	48.4	88.4
65	92.4	72.6	112.6

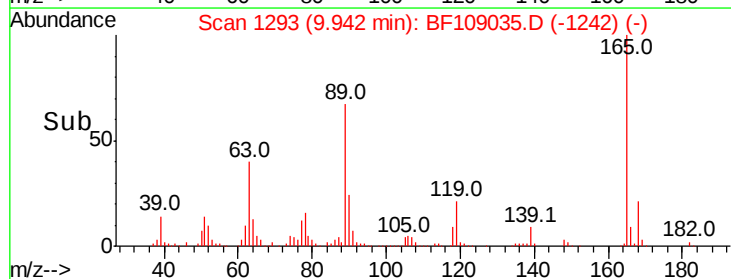
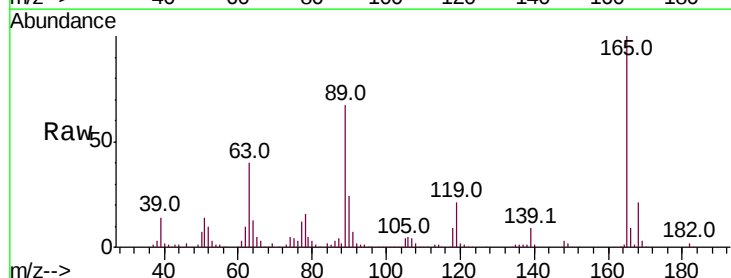
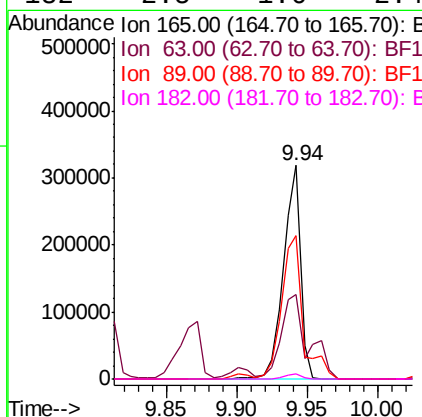
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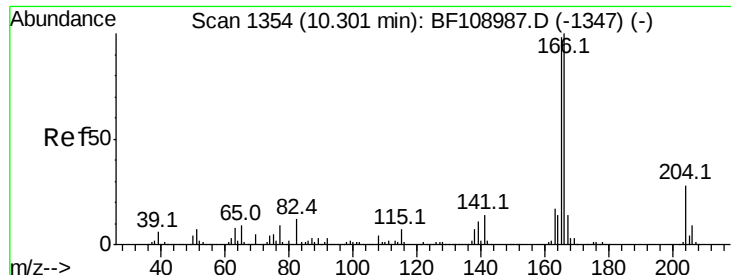
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#56
2,4-Dinitrotoluene
Concen: 49.659 ng
RT: 9.94 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	39.5	36.4	54.6
89	67.0	57.8	86.6
182	2.5	1.6	2.4#





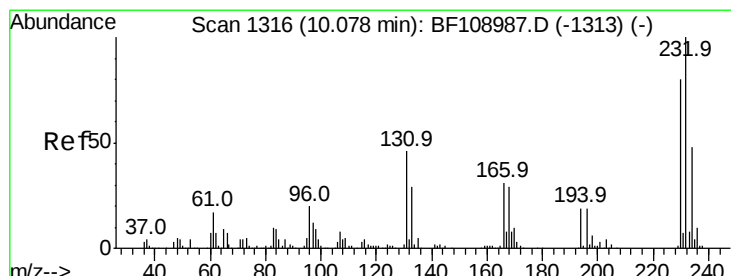
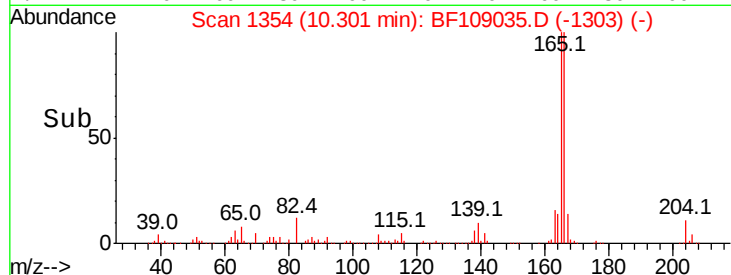
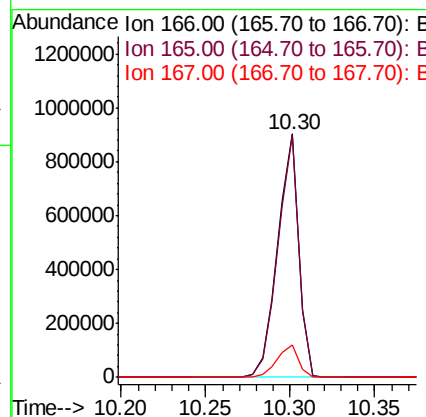
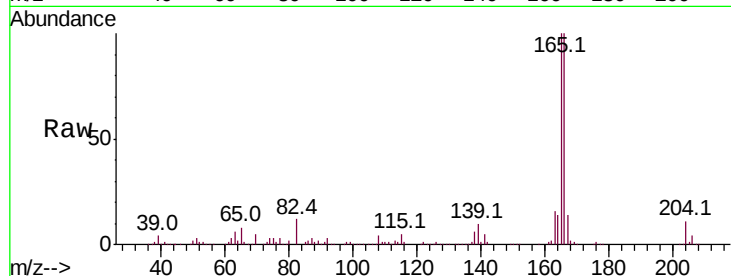
#57
 Fluorene
 Concen: 51.219 ng
 RT: 10.30 min Scan# 1354
 Delta R.T. 0.00 min
 Lab File: BF109035.D
 Acq: 15 Sep 2018 10:01

Instrument :
 BNA_F
 ClientSampleId :
 PB112873BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.6	79.8	119.8	
167	13.5	10.6	16.0	

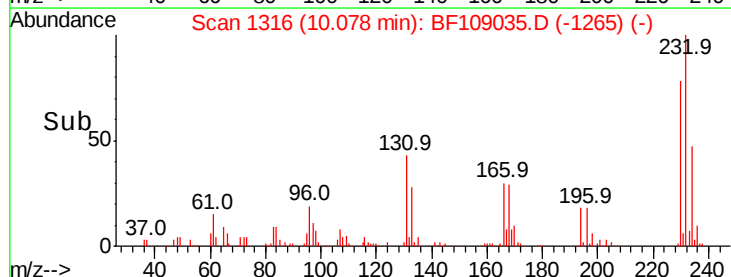
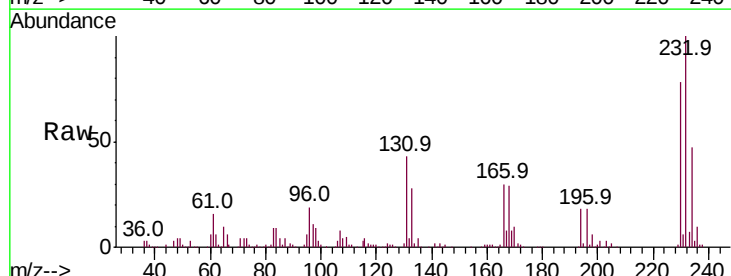
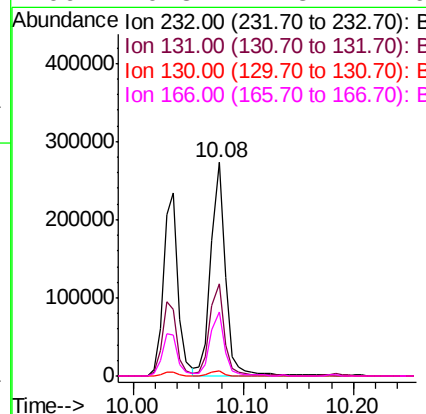
Manual Integrations
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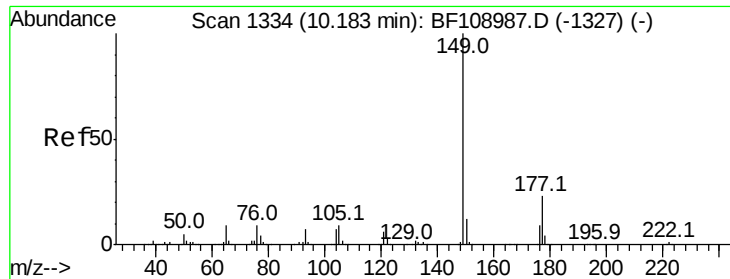
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 51.198 ng
 RT: 10.08 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: BF109035.D
 Acq: 15 Sep 2018 10:01

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	44.4	43.8	65.8	
130	2.1	2.1	3.1	
166	29.3	27.8	41.6	





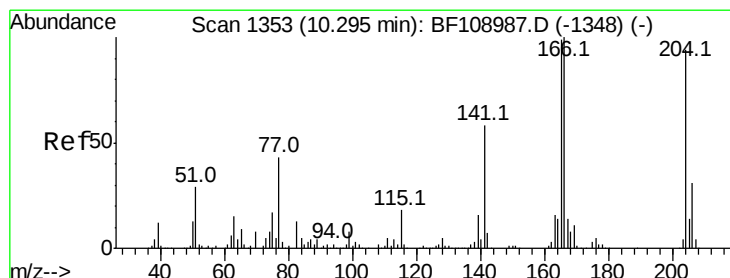
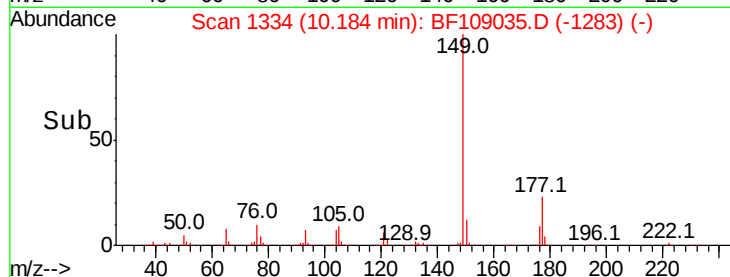
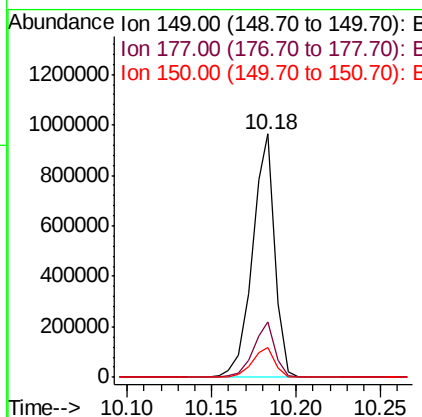
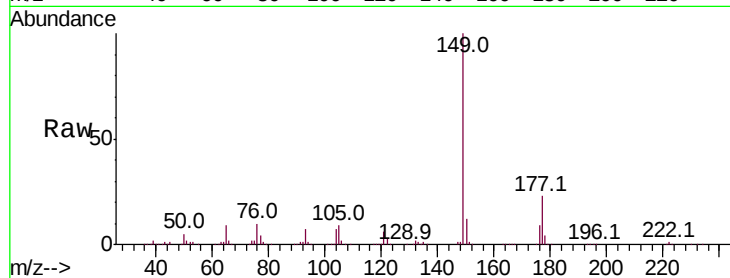
#59
Diethylphthalate
Concen: 47.330 ng
RT: 10.18 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB112873BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	22.5	16.1	24.1	
150	12.4	10.1	15.1	

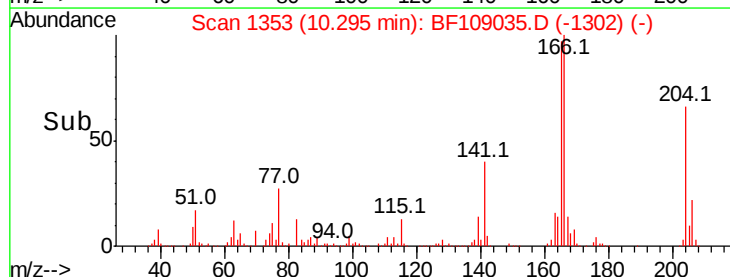
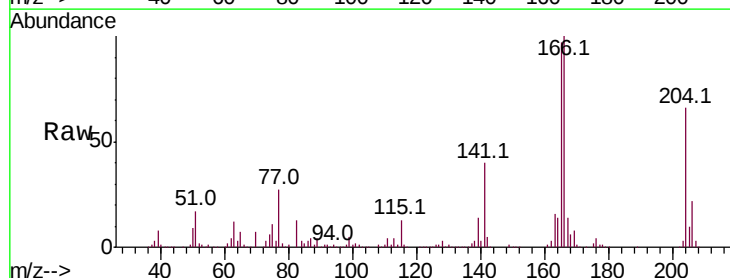
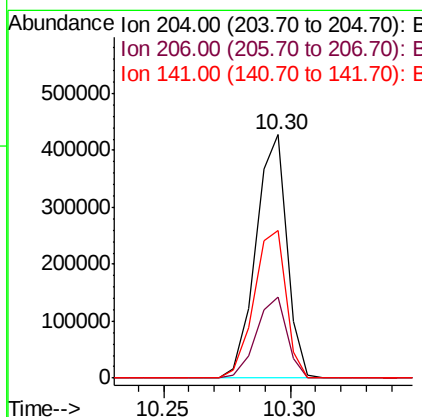
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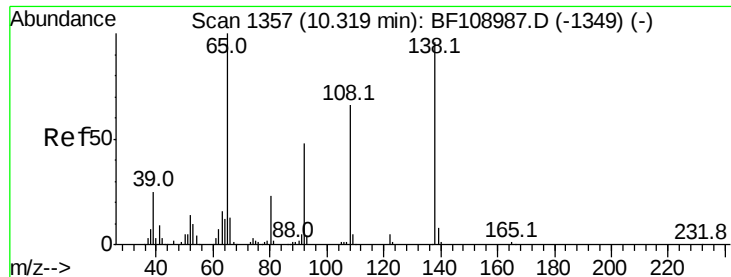
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#60
4-Chlorophenyl-phenylether
Concen: 45.534 ng
RT: 10.30 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	33.5	26.5	39.7	
141	60.4	54.6	81.8	





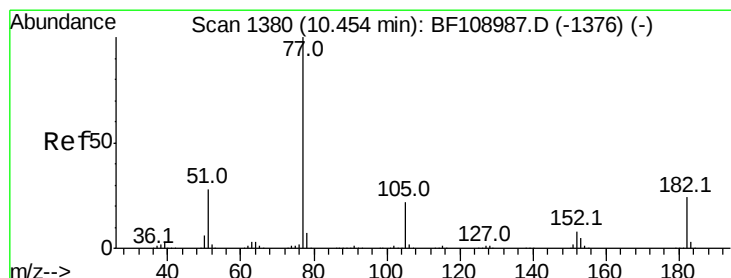
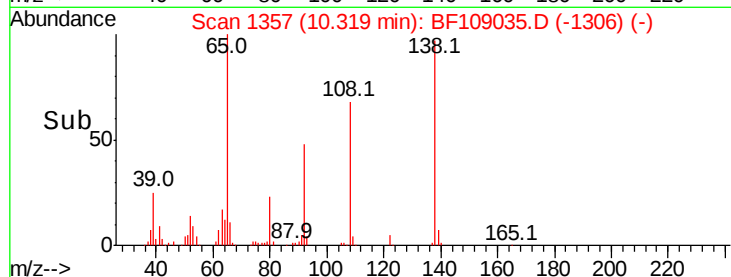
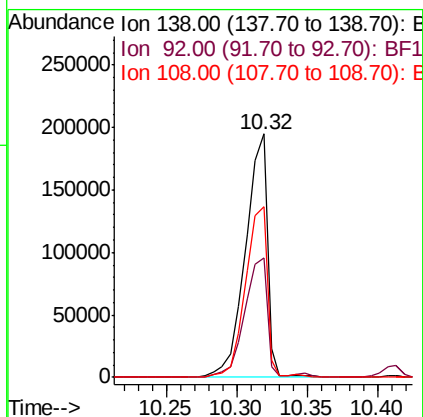
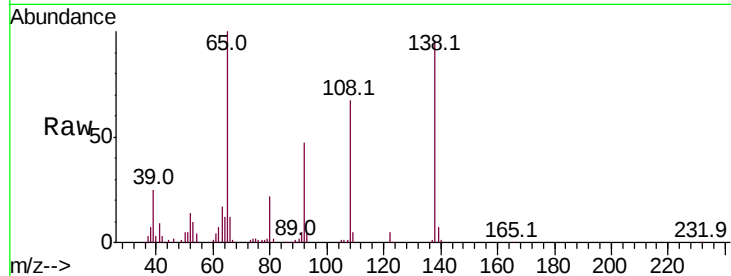
#61
4-Nitroaniline
Concen: 46.178 ng
RT: 10.32 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Instrument :
BNA_F
ClientSampled :
PB112873BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.8	30.2	70.2
108	69.9	52.5	92.5

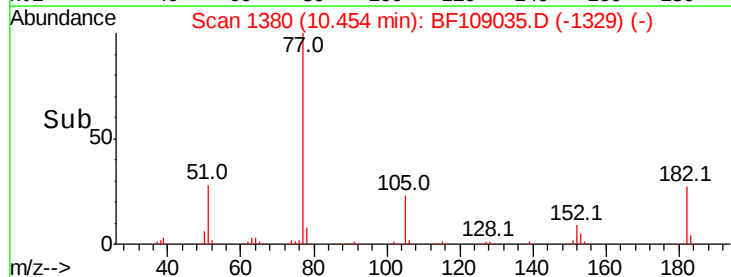
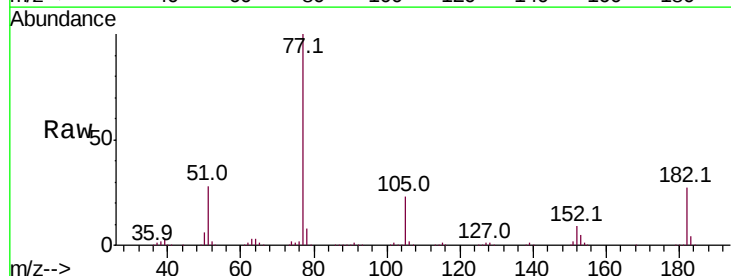
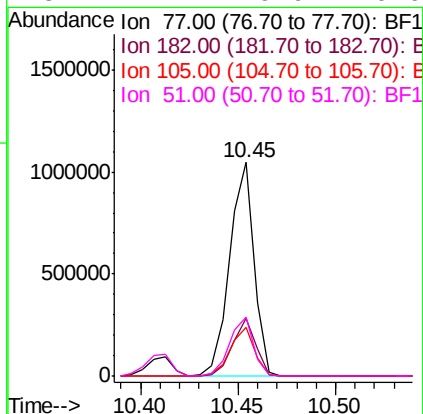
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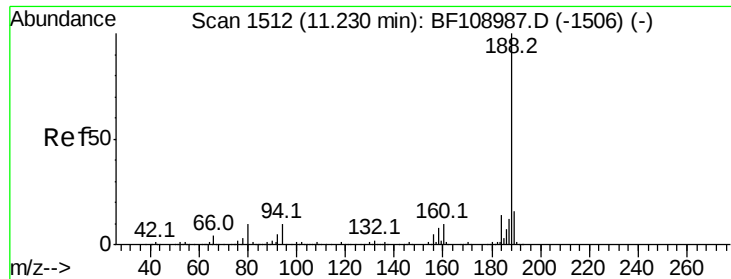
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#62
Azobenzene
Concen: 47.263 ng
RT: 10.45 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.8	1.7	41.7
105	22.7	3.0	43.0
51	27.7	9.9	49.9





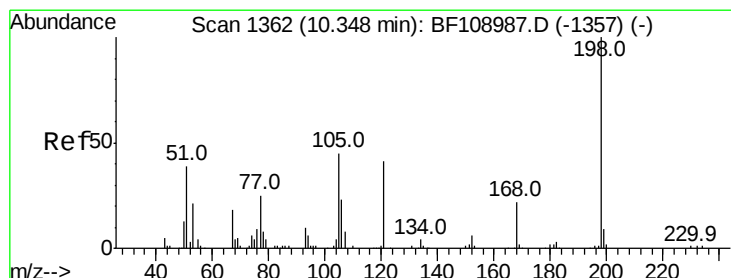
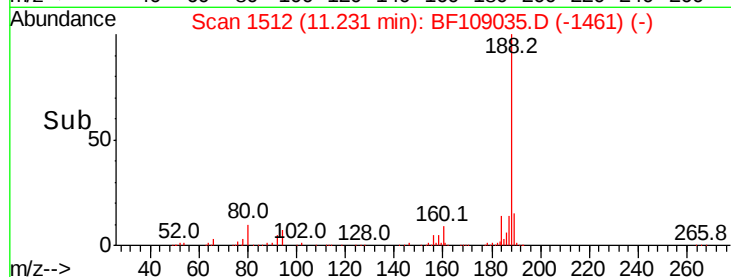
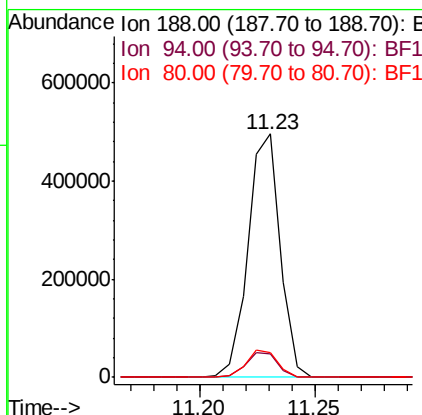
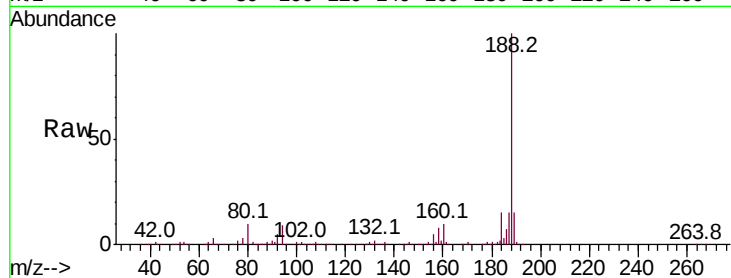
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1512
Delta R.T. 0.00 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB112873BSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	482151		
94	9.4	8.5	12.7	
80	10.1	9.2	13.8	

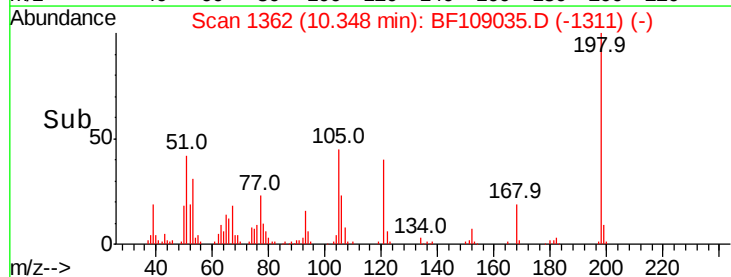
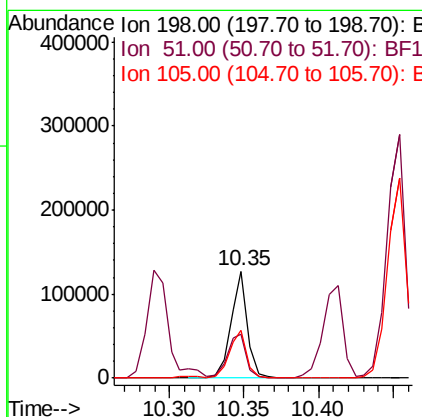
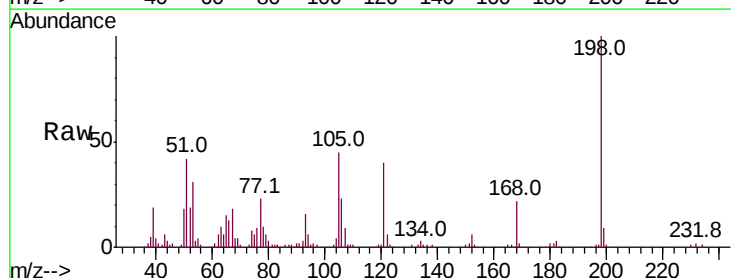
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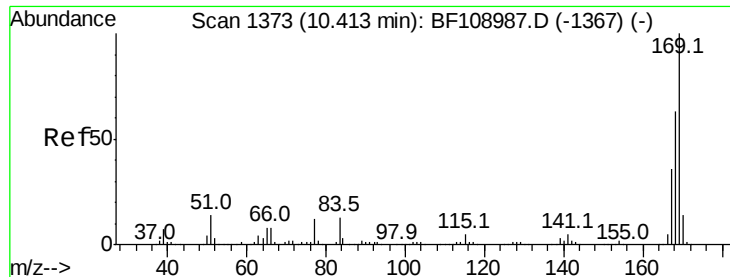
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 43.218 ng
RT: 10.35 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	99699		
51	41.6	37.7	77.7	
105	44.6	36.3	76.3	





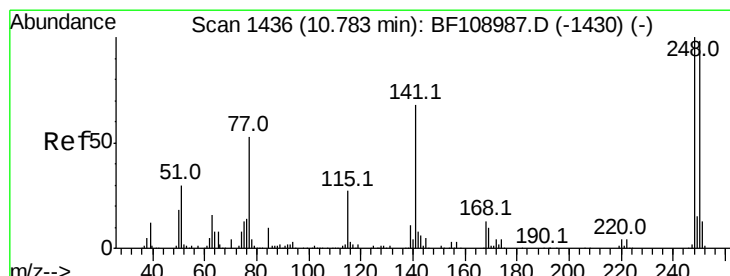
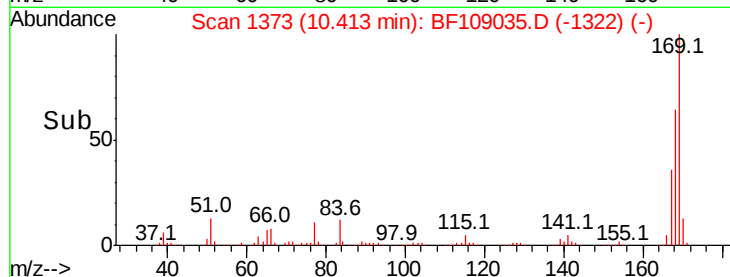
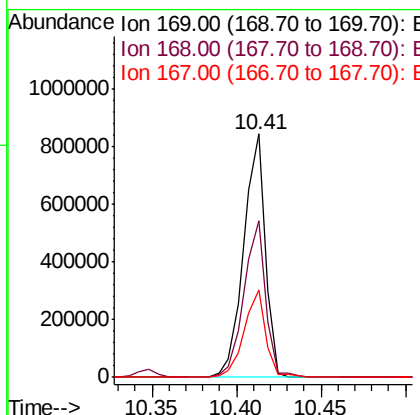
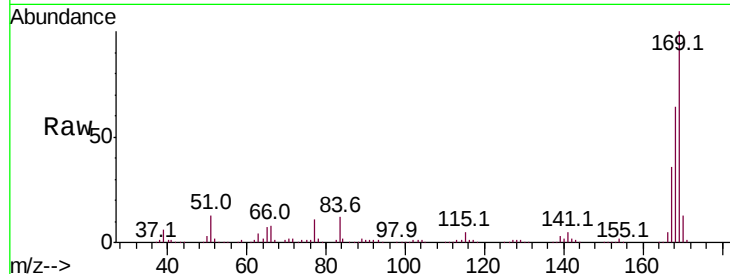
#65
 n-Nitrosodiphenylamine
 Concen: 48.084 ng
 RT: 10.41 min Scan# 1373
 Delta R.T. 0.00 min
 Lab File: BF109035.D
 Acq: 15 Sep 2018 10:01

Instrument :
 BNA_F
 ClientSampleId :
 PB112873BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	64.3	54.4	81.6	
167	35.9	29.8	44.6	

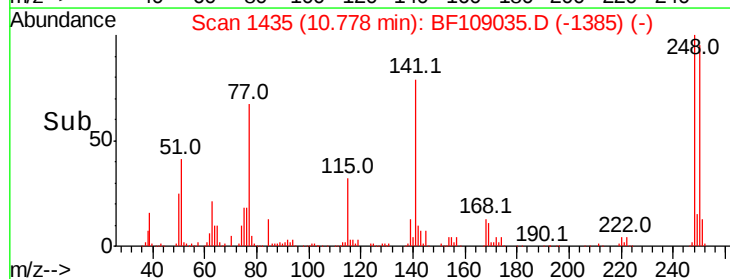
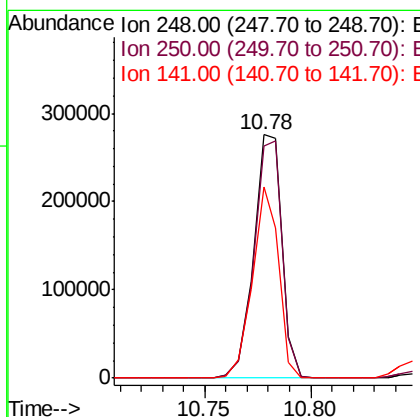
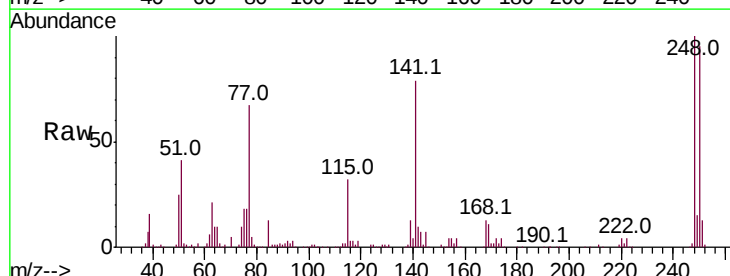
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#66
 4-Bromophenyl-phenylether
 Concen: 47.409 ng
 RT: 10.78 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF109035.D
 Acq: 15 Sep 2018 10:01

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	95.3	76.9	115.3	
141	78.6	74.4	111.6	





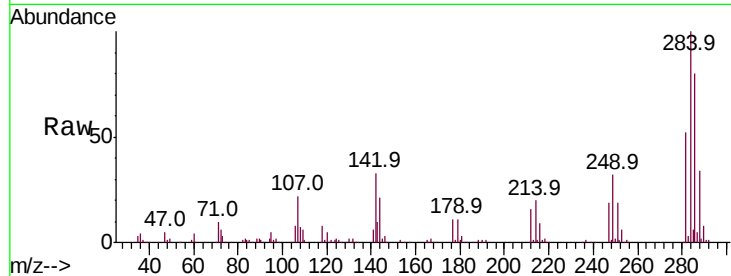
#67
Hexachlorobenzene
Concen: 46.880 ng
RT: 10.85 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB112873BSD

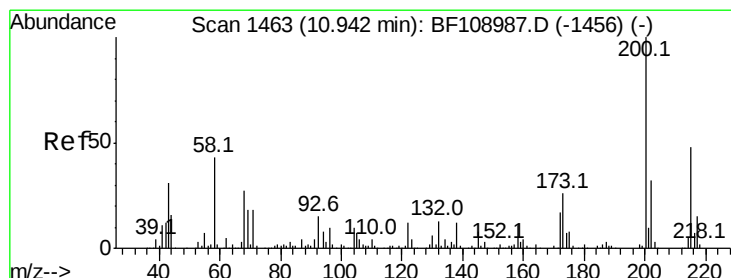
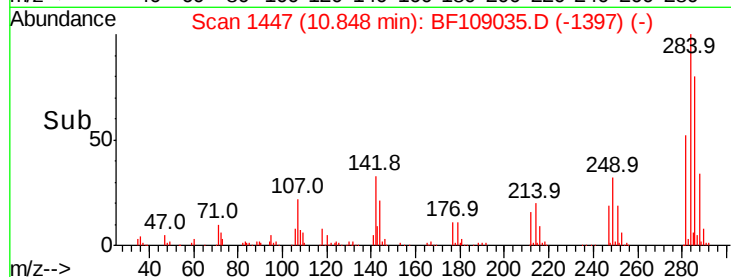
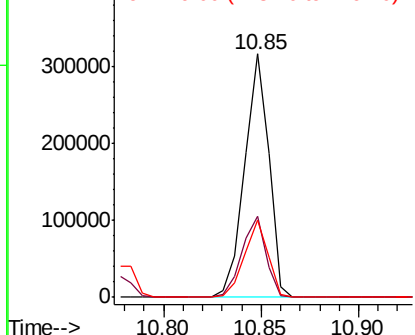
Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	33.4	34.6	52.0#
249	31.6	24.8	37.2

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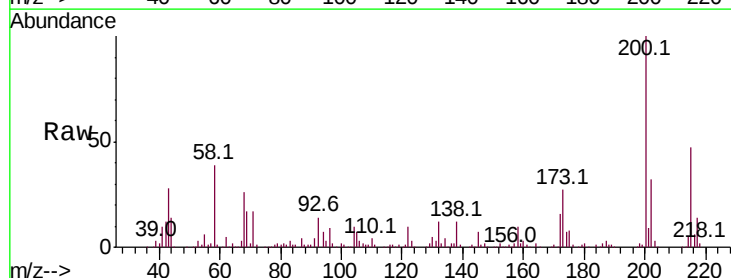


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

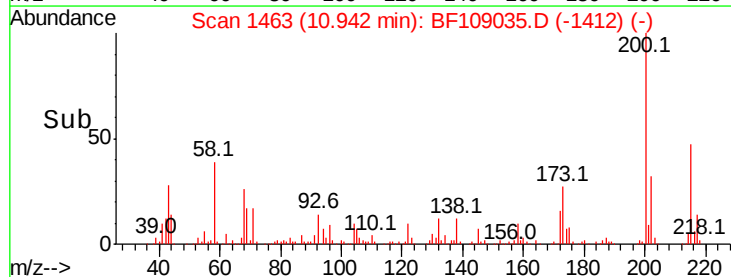
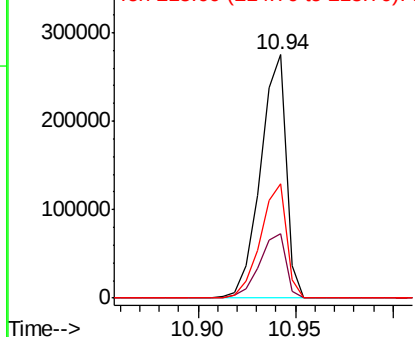


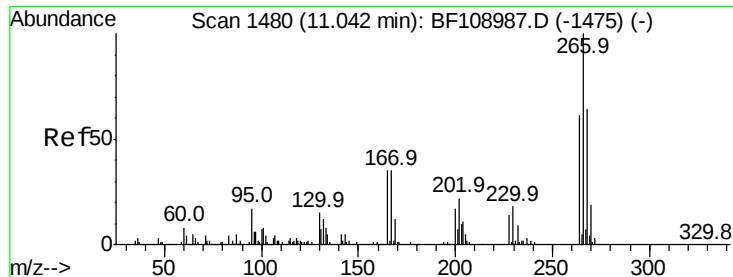
#68
Atrazine
Concen: 49.738 ng
RT: 10.94 min Scan# 1463
Delta R.T. 0.00 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	26.6	8.6	48.6
215	46.9	25.1	65.1



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





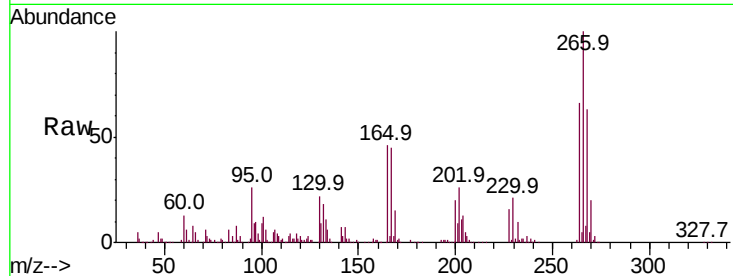
#69
 Pentachlorophenol
 Concen: 76.852 ng
 RT: 11.04 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF109035.D
 Acq: 15 Sep 2018 10:01

Instrument :
 BNA_F
 ClientSampleId :
 PB112873BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	285880		
268	62.9		51.1	76.7
264	65.5		49.5	74.3

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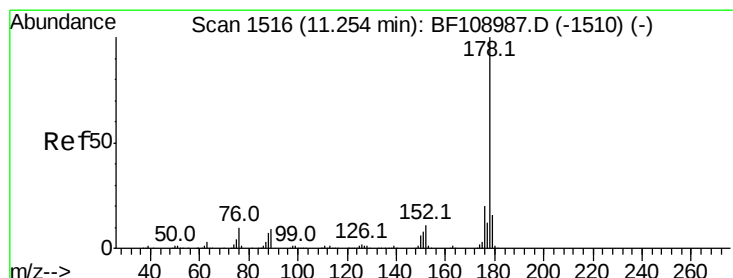
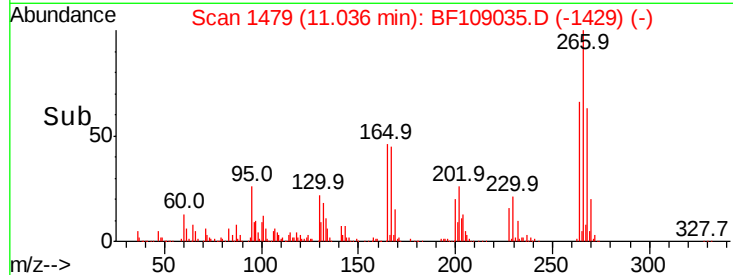
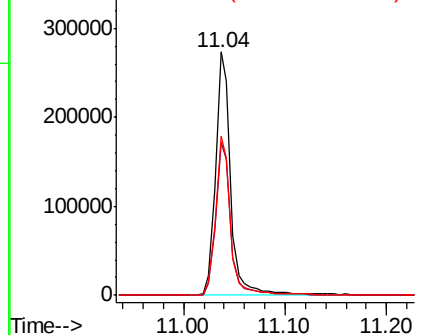


Abundance

Ion 265.70 (265.40 to 266.40): E

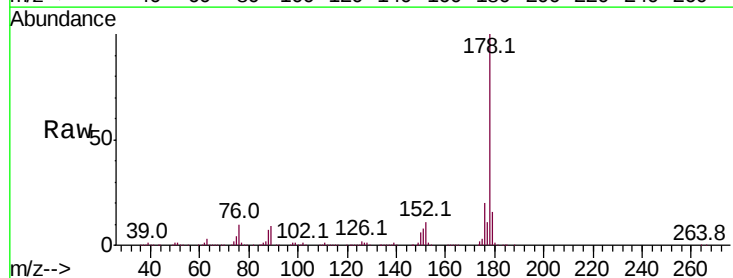
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 50.216 ng
 RT: 11.25 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: BF109035.D
 Acq: 15 Sep 2018 10:01

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1186850		
176	20.2		15.8	23.8
179	15.7		13.0	19.6

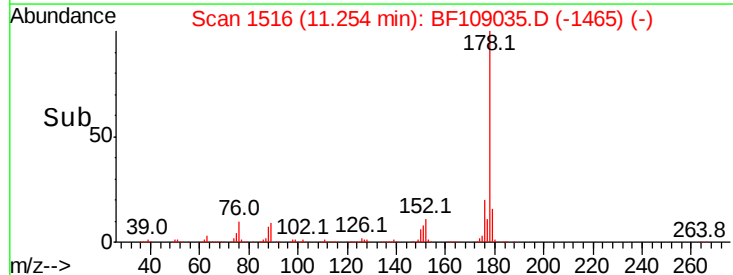
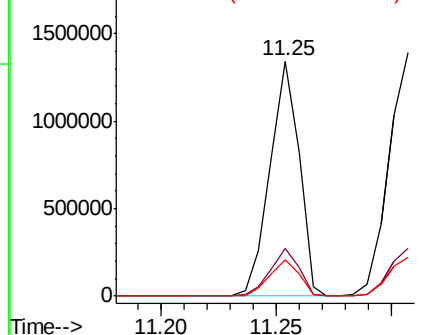


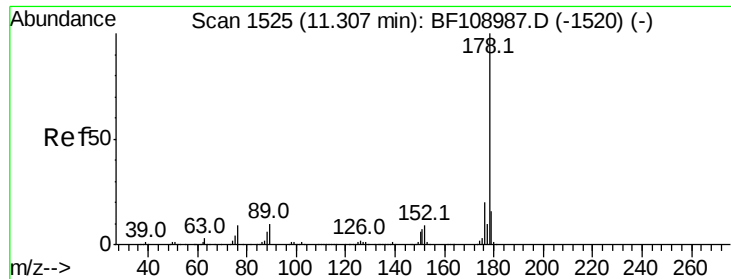
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





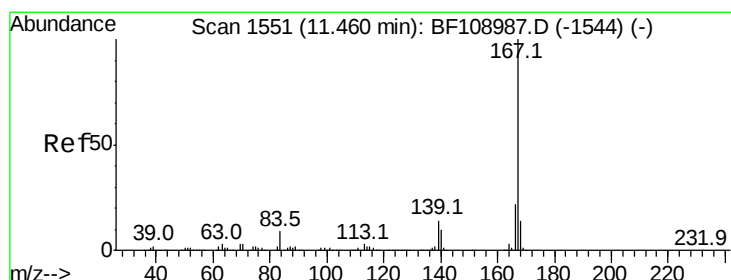
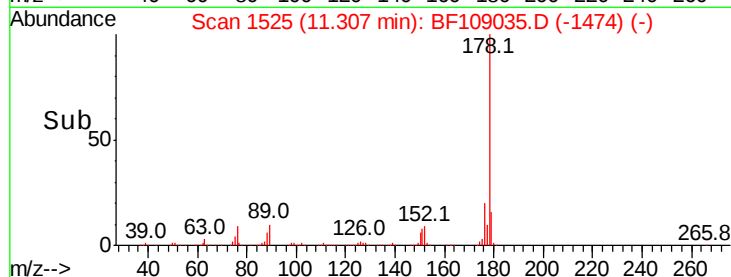
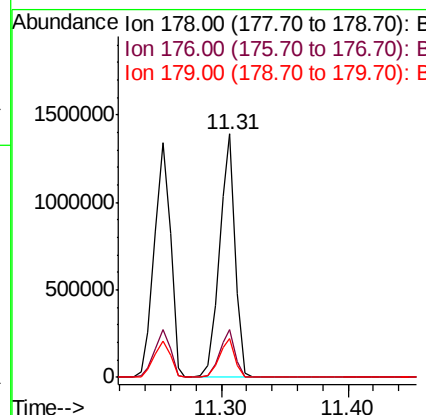
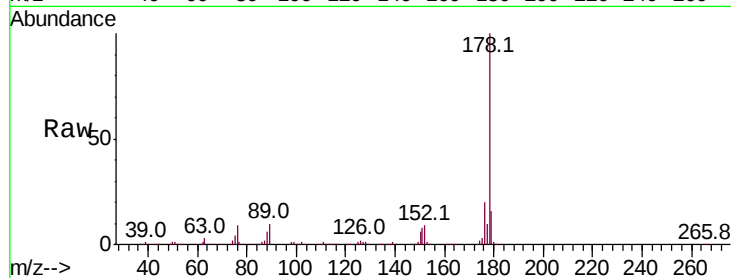
#71
 Anthracene
 Concen: 50.490 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. 0.00 min
 Lab File: BF109035.D
 Acq: 15 Sep 2018 10:01

Instrument :
 BNA_F
 ClientSampleId :
 PB112873BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.4	23.2
179	15.8	12.6	19.0

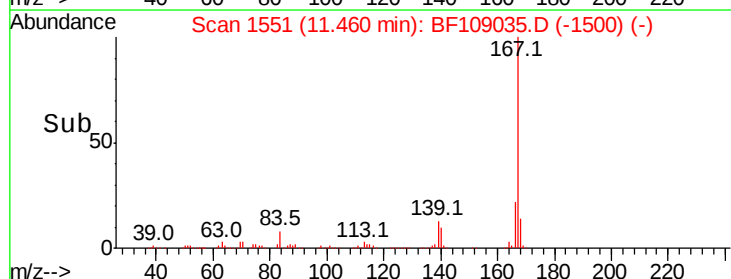
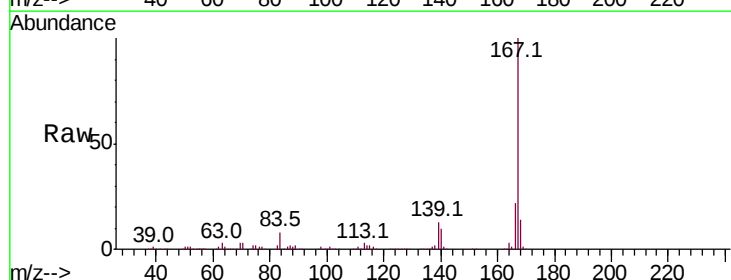
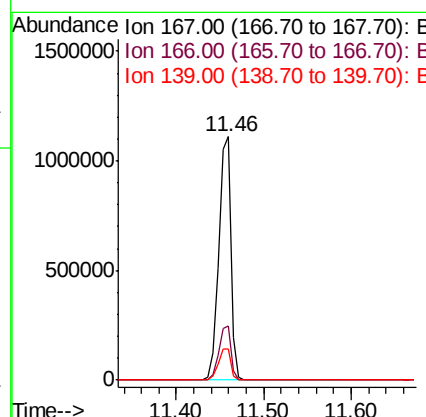
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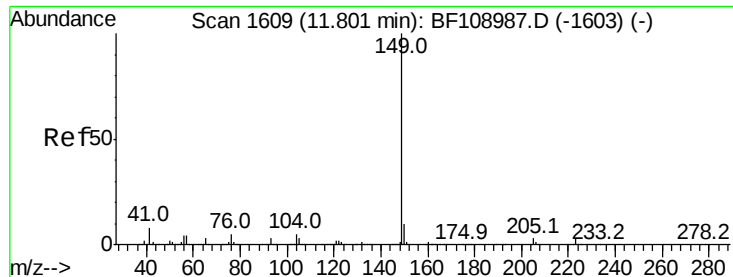
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#72
 Carbazole
 Concen: 45.232 ng
 RT: 11.46 min Scan# 1551
 Delta R.T. 0.00 min
 Lab File: BF109035.D
 Acq: 15 Sep 2018 10:01

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.6	26.4
139	12.7	10.9	16.3





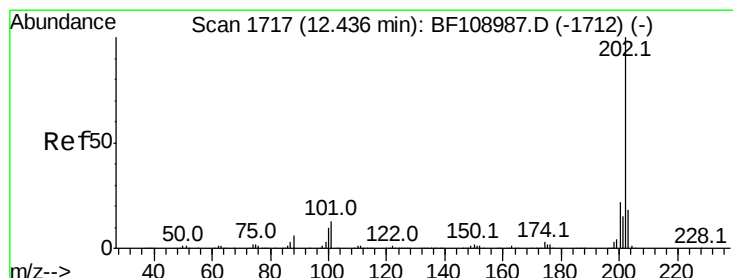
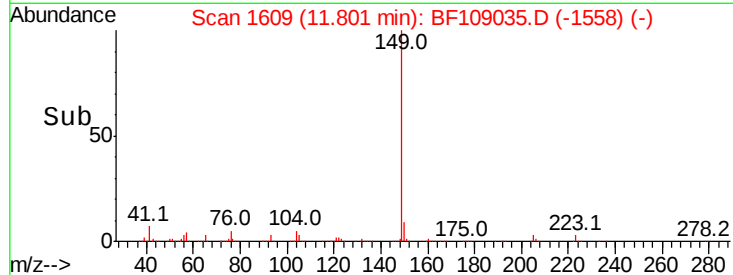
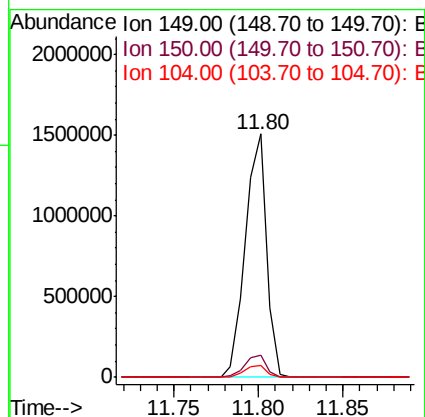
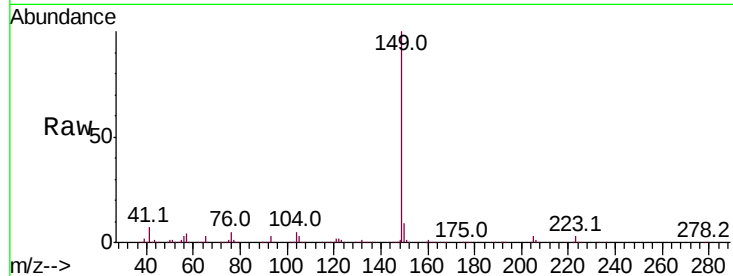
#73
Di-n-butylphthalate
Concen: 47.750 ng
RT: 11.80 min Scan# 1609
Delta R.T. 0.00 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB112873BSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.8	11.6
104	5.0	3.8	5.8

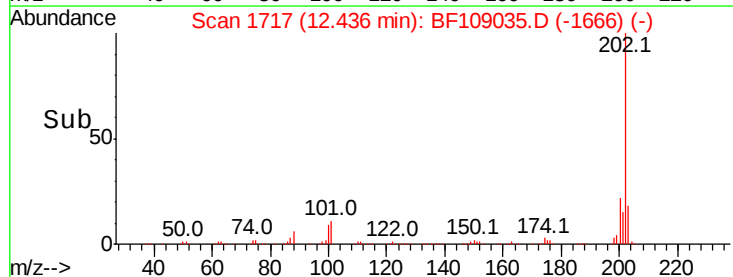
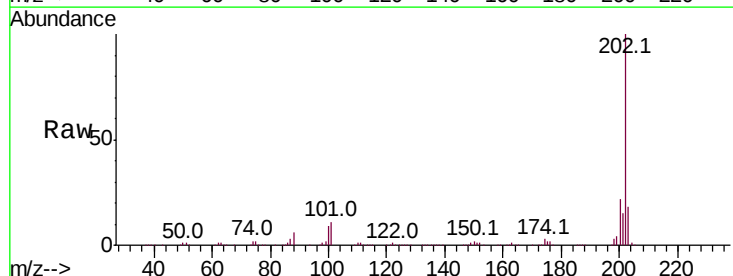
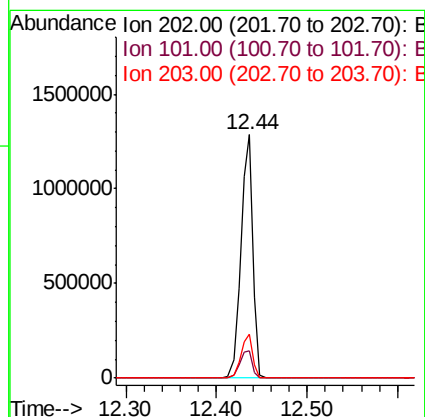
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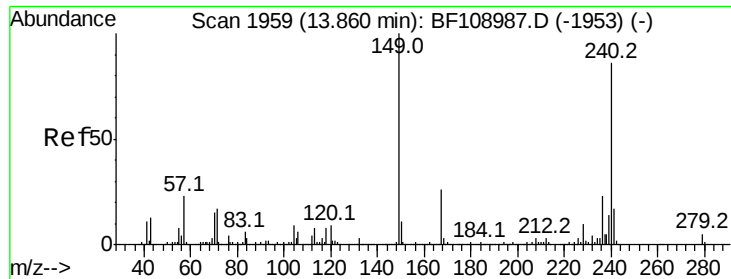
Sohil
9/17/2018 1:59:47 PM



#74
Fluoranthene
Concen: 47.966 ng
RT: 12.44 min Scan# 1717
Delta R.T. 0.00 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	34.1
203	18.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BF109035.D

Acq: 15 Sep 2018 10:01

Instrument :

BNA_F

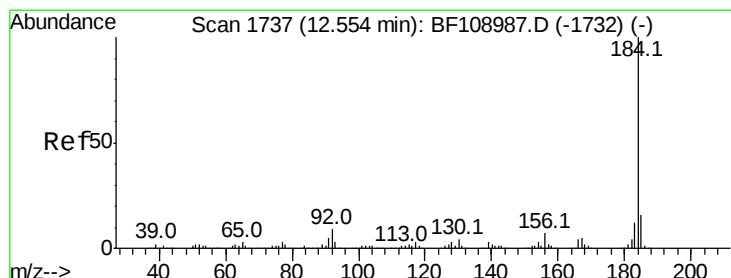
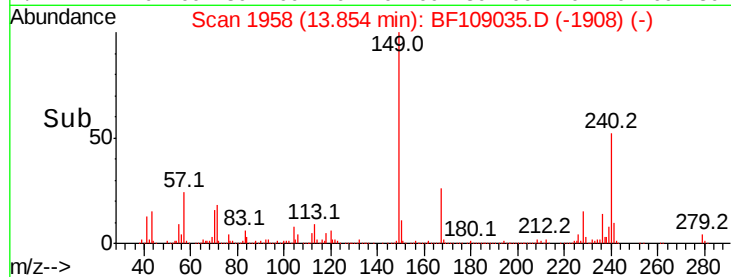
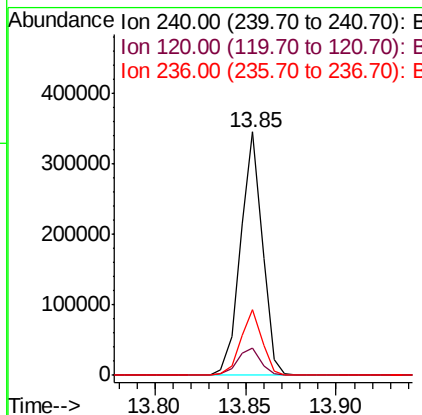
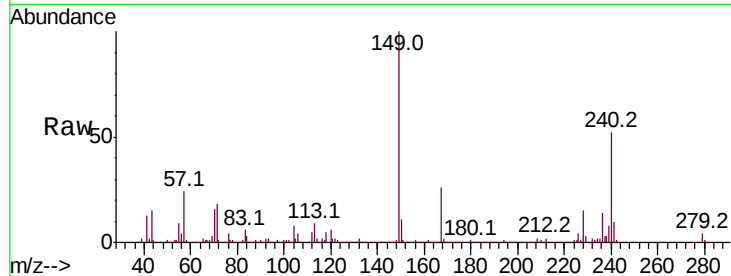
ClientSampleId :

PB112873BSD

Tot Ion:	240	Resp:	288782
Ion Ratio	Lower	Upper	
240	100		
120	11.0	9.5	14.3
236	26.9	20.7	31.1

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#76

Benzidine

Concen: 56.363 ng

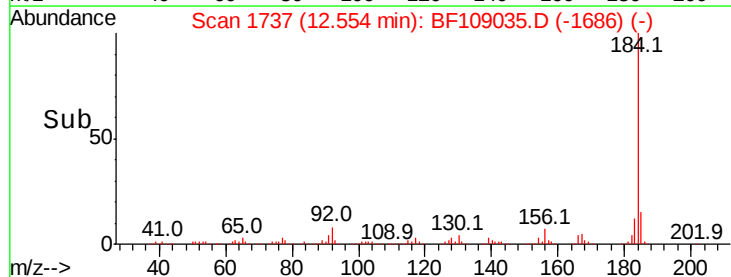
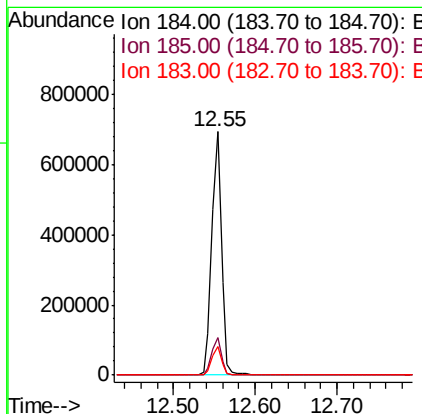
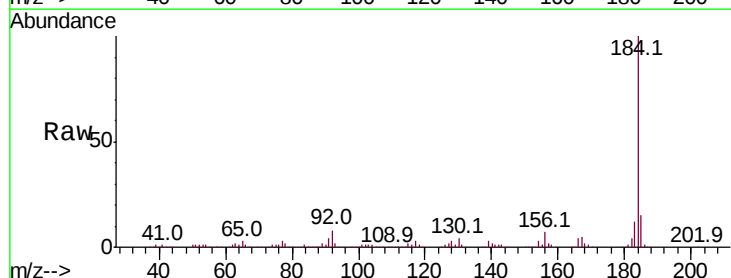
RT: 12.55 min Scan# 1737

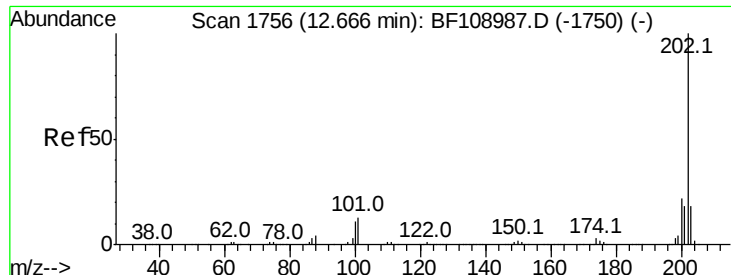
Delta R.T. 0.00 min

Lab File: BF109035.D

Acq: 15 Sep 2018 10:01

Tgt Ion:	184	Resp:	576175
Ion Ratio	Lower	Upper	
184	100		
185	15.2	12.6	18.8
183	11.8	9.3	13.9





#77

Pvrene

Concen: 53.225 ng

RT: 12.66 min Scan# 1755

Delta R.T. -0.01 min

Lab File: BF109035.D

Acq: 15 Sep 2018 10:01

Instrument :

BNA_F

ClientSampleId :

PB112873BSD

Tot Ion:202 Resp: 1141687

Ion Ratio Lower Upper

202 100

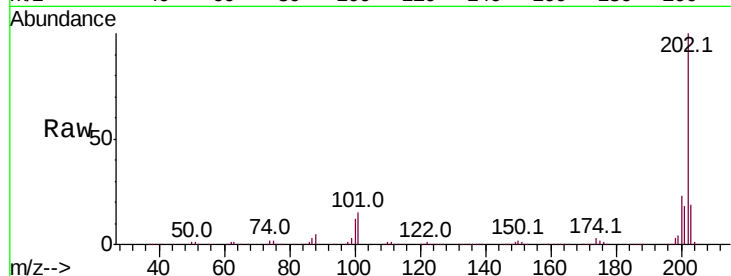
200 22.5 17.4 26.2

203 18.5 14.3 21.5

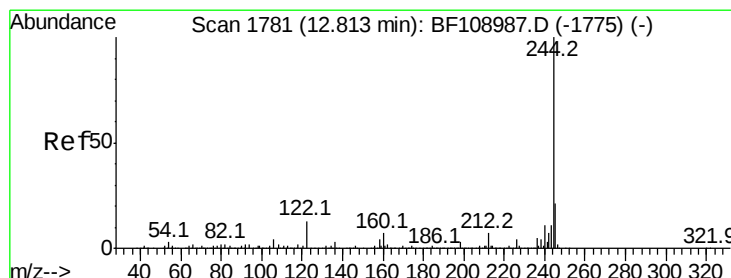
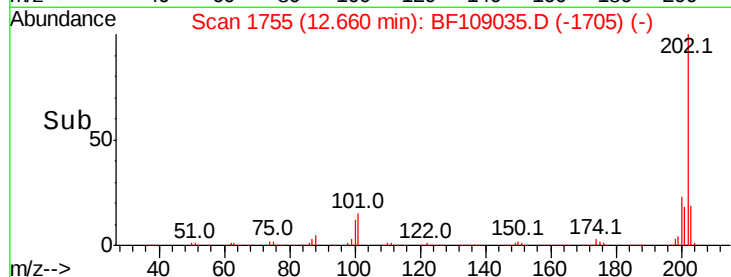
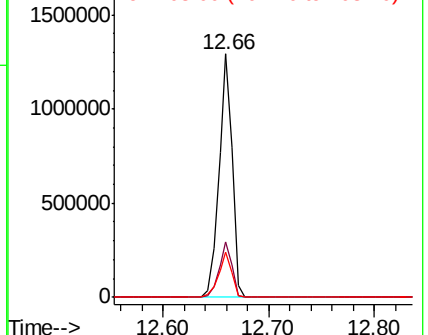
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 128.524 ng

RT: 12.81 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BF109035.D

Acq: 15 Sep 2018 10:01

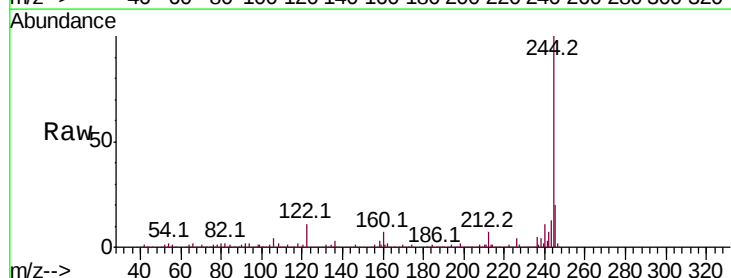
Tgt Ion:244 Resp: 1565874

Ion Ratio Lower Upper

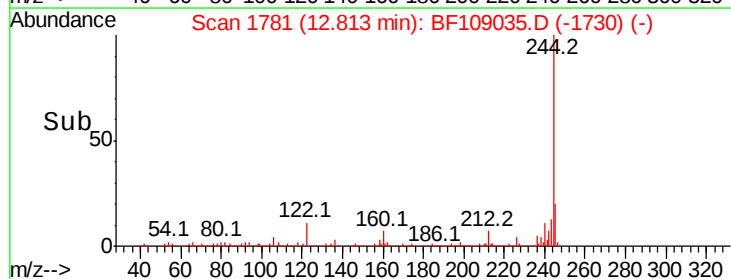
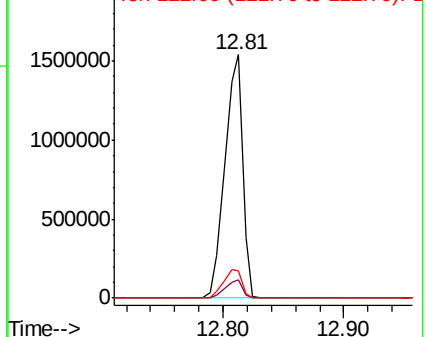
244 100

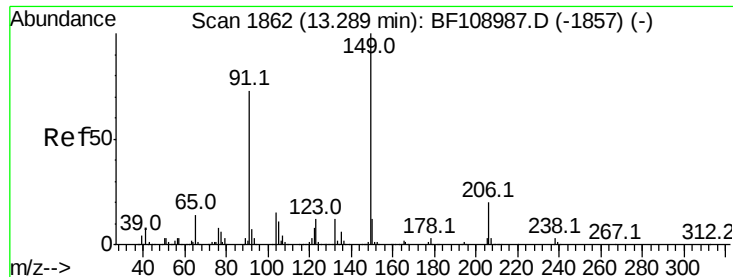
212 7.3 5.4 8.0

122 11.1 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





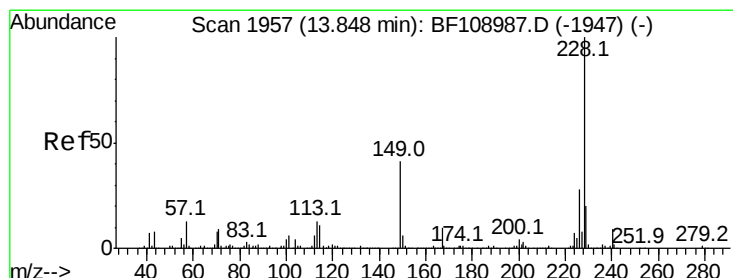
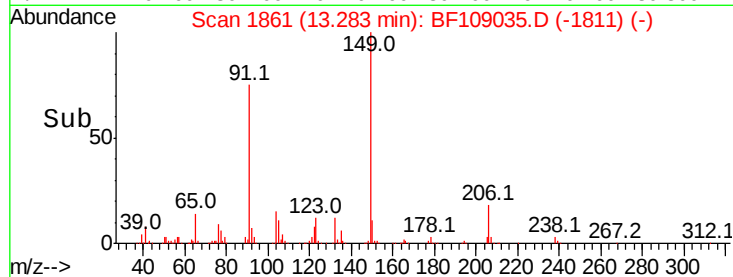
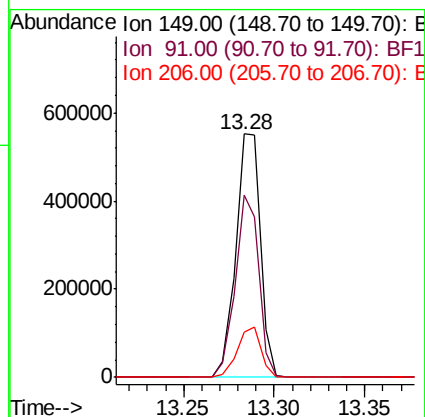
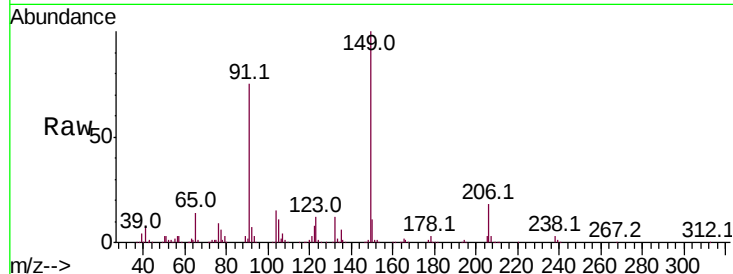
#79
 Butylbenzylphthalate
 Concen: 54.537 ng
 RT: 13.28 min Scan# 1861
 Delta R.T. -0.01 min
 Lab File: BF109035.D
 Acq: 15 Sep 2018 10:01

Instrument :
 BNA_F
 ClientSampleId :
 PB112873BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	522502		
91	74.9	56.8	85.2	
206	18.5	14.1	21.1	

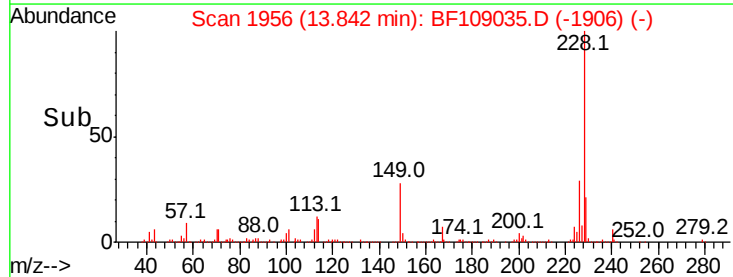
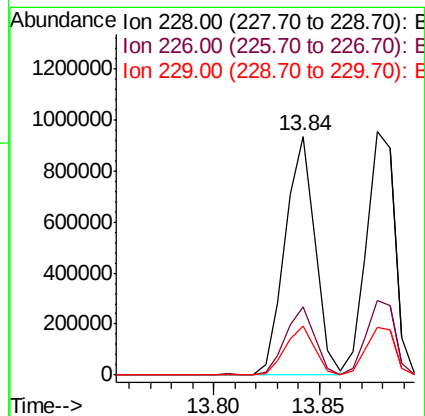
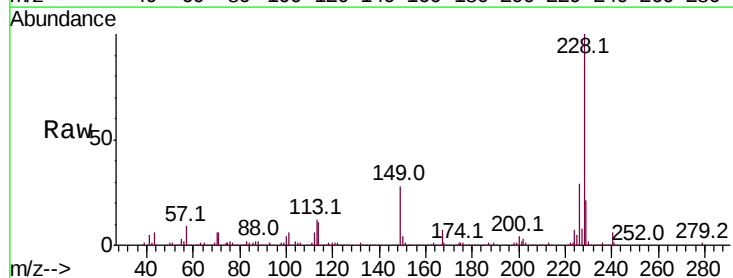
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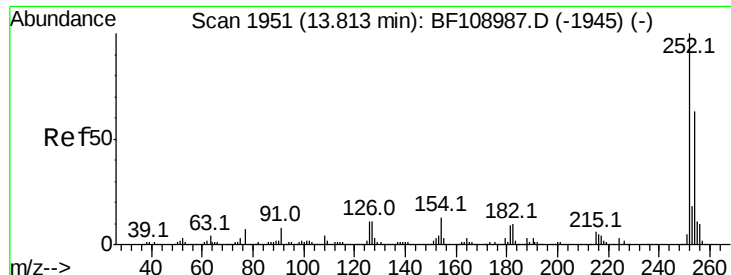
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#80
 Benzo(a)anthracene
 Concen: 53.109 ng
 RT: 13.84 min Scan# 1956
 Delta R.T. -0.01 min
 Lab File: BF109035.D
 Acq: 15 Sep 2018 10:01

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	928541		
226	28.5	22.6	33.8	
229	20.7	15.8	23.6	





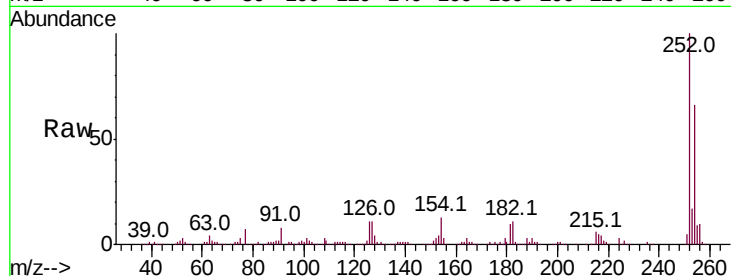
#81
 3,3'-Dichlorobenzidine
 Concen: 40.746 ng
 RT: 13.81 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BF109035.D
 Acq: 15 Sep 2018 10:01

Instrument :
 BNA_F
 ClientSampleId :
 PB112873BSD

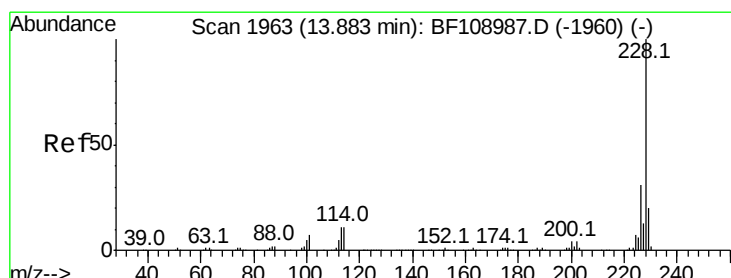
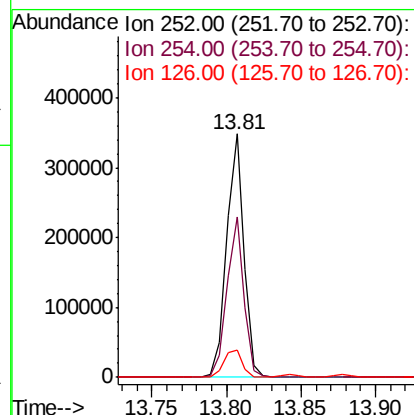
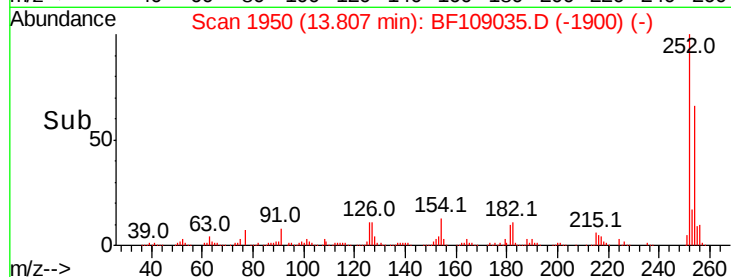
Tot Ion	Ratio	Resp	Lower	Upper
252	100	287476		
254	66.0		50.4	75.6
126	11.4		11.3	16.9

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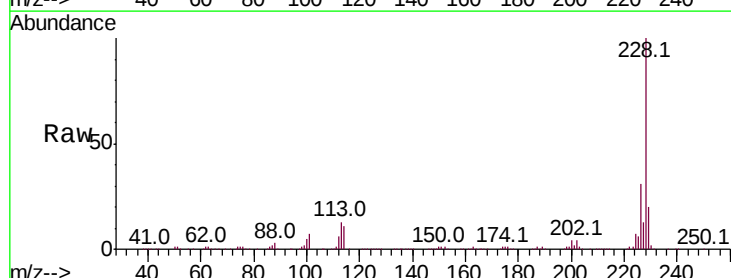


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

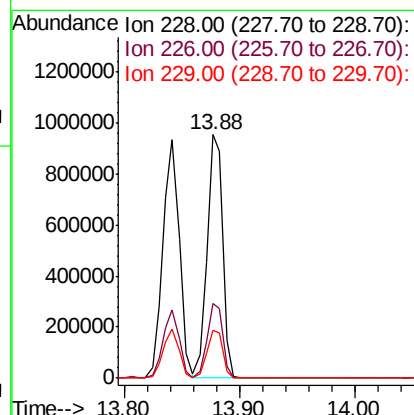
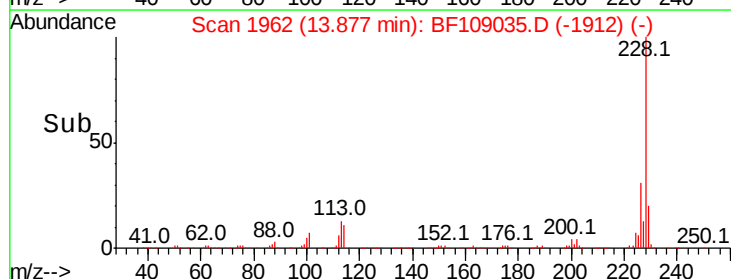


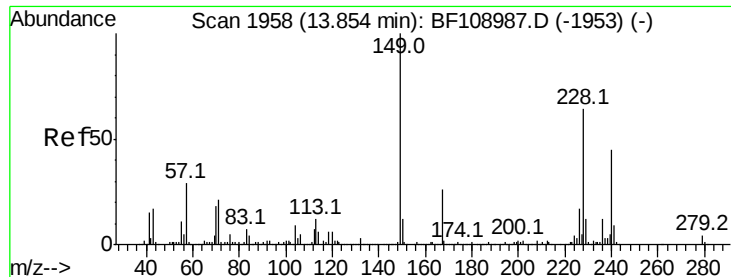
#82
 Chrysene
 Concen: 51.583 ng
 RT: 13.88 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: BF109035.D
 Acq: 15 Sep 2018 10:01

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	902318		
226	30.7		25.0	37.6
229	19.9		16.2	24.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





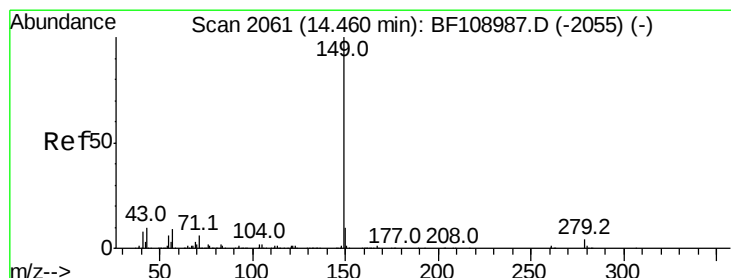
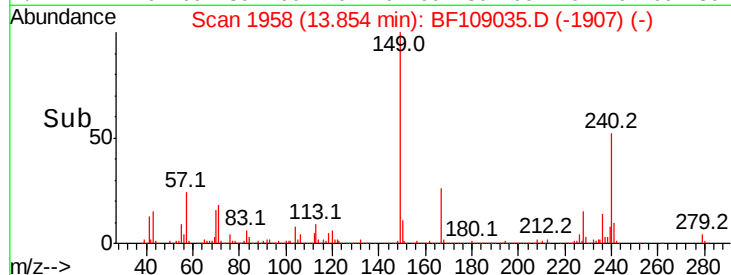
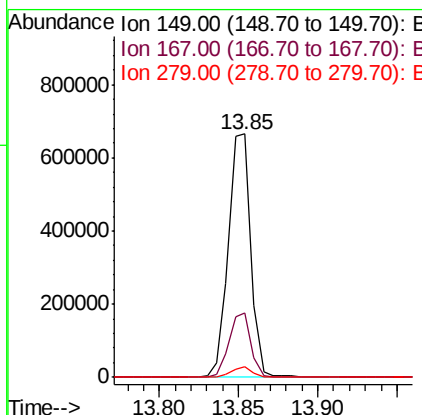
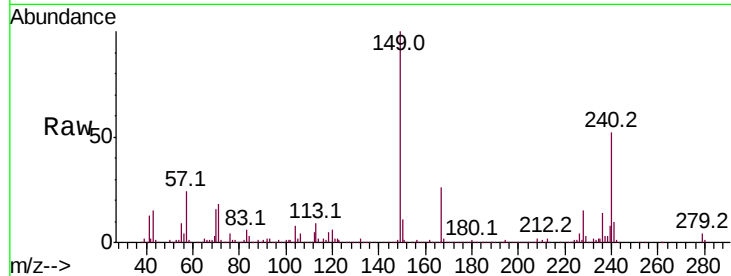
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 56.263 ng
 RT: 13.85 min Scan# 1958
 Delta R.T. 0.00 min
 Lab File: BF109035.D
 Acq: 15 Sep 2018 10:01

Instrument :
 BNA_F
 ClientSampleId :
 PB112873BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.3	31.9
279	4.1	3.0	4.4

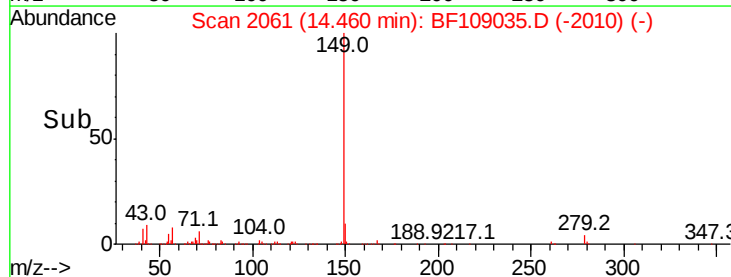
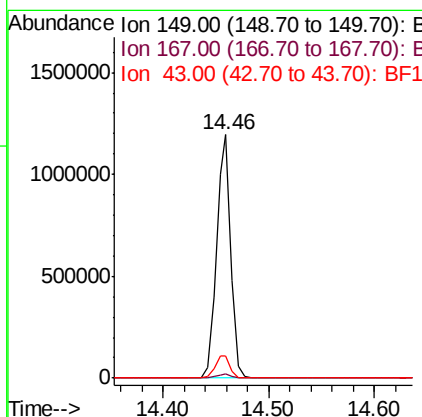
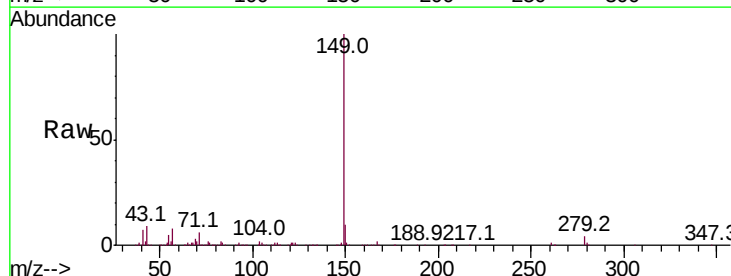
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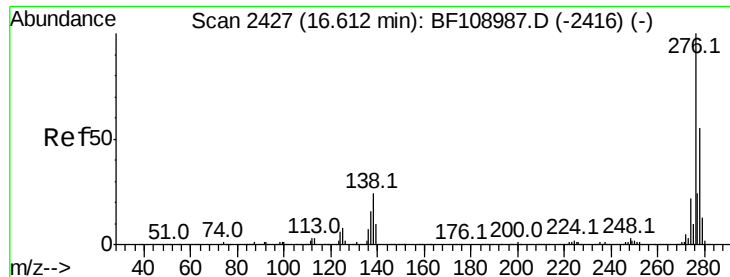
Sohil
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#84
 Di-n-octyl phthalate
 Concen: 57.591 ng
 RT: 14.46 min Scan# 2061
 Delta R.T. 0.00 min
 Lab File: BF109035.D
 Acq: 15 Sep 2018 10:01

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.8	8.4	12.6





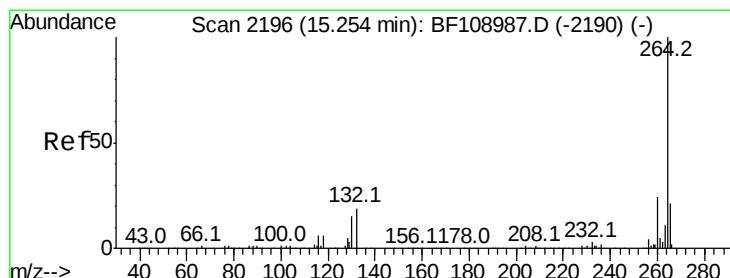
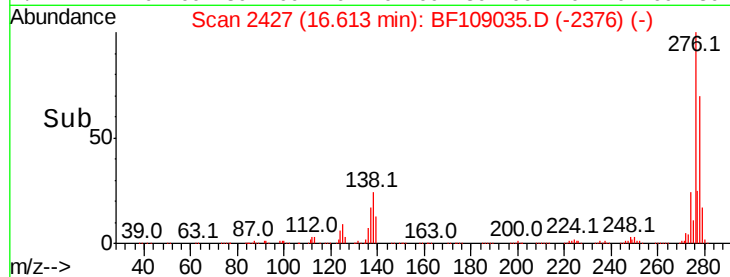
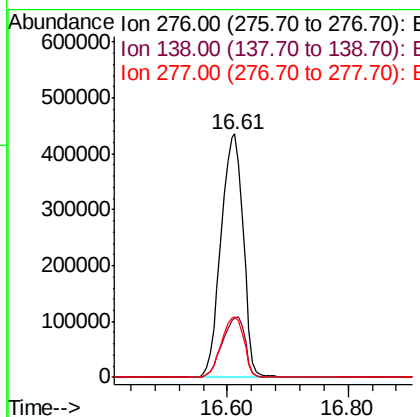
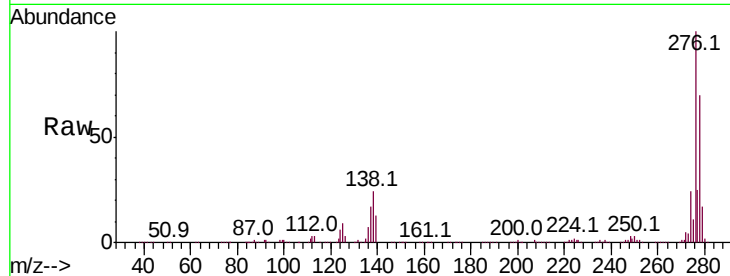
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 79.576 ng
 RT: 16.61 min Scan# 2427
 Delta R.T. 0.00 min
 Lab File: BF109035.D
 Acq: 15 Sep 2018 10:01

Instrument :
 BNA_F
 ClientSampleId :
 PB112873BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.5	25.0	37.6
277	25.3	20.1	30.1

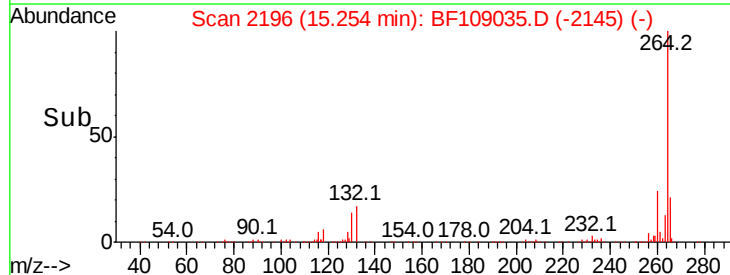
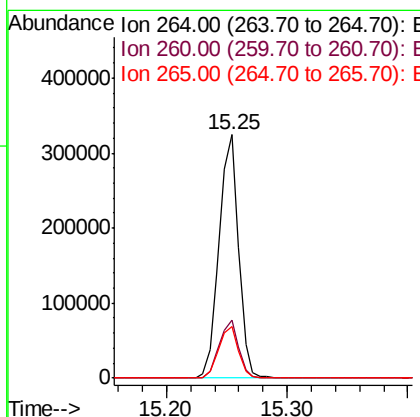
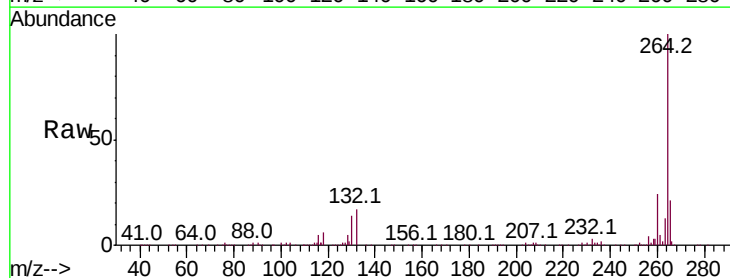
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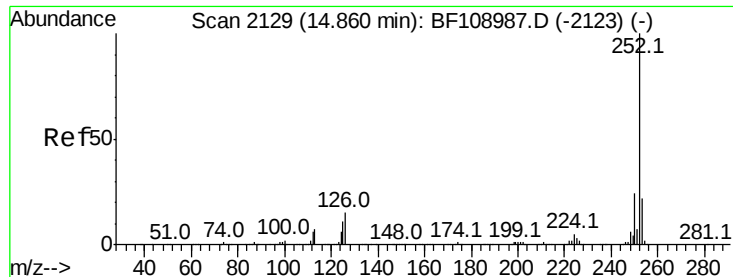
Sohil
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.25 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: BF109035.D
 Acq: 15 Sep 2018 10:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.0	17.5	26.3





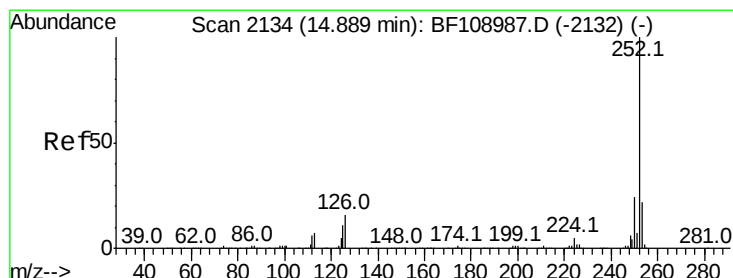
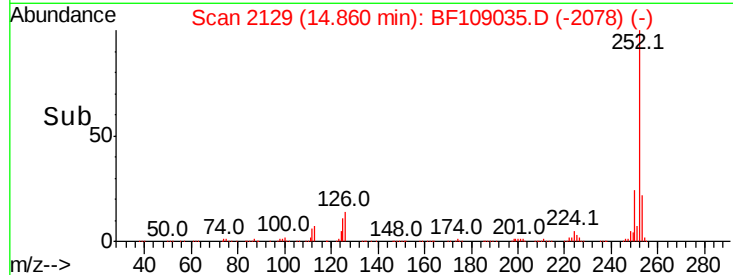
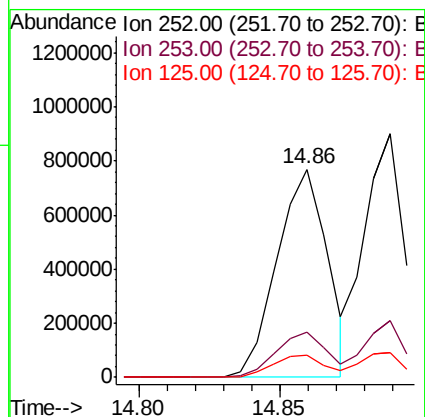
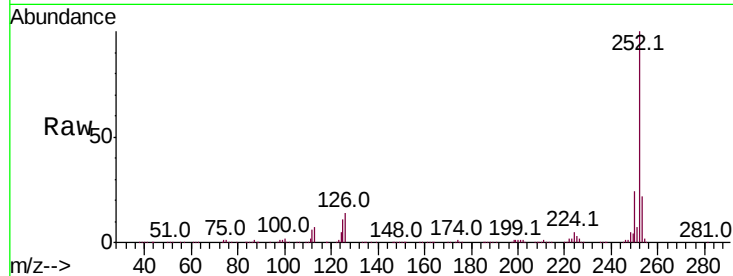
#87
Benzo(b)fluoranthene
Concen: 47.749 ng
RT: 14.86 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB112873BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	10.6	9.0	13.6

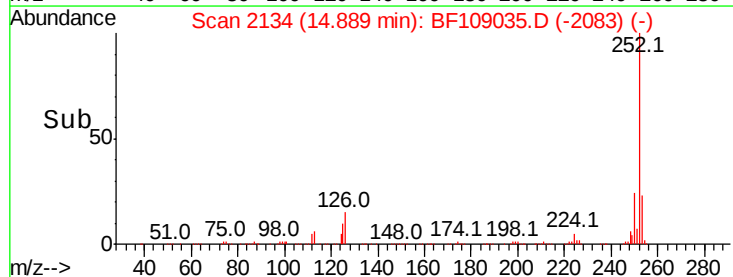
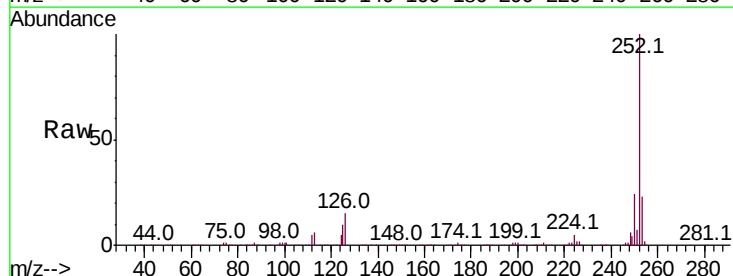
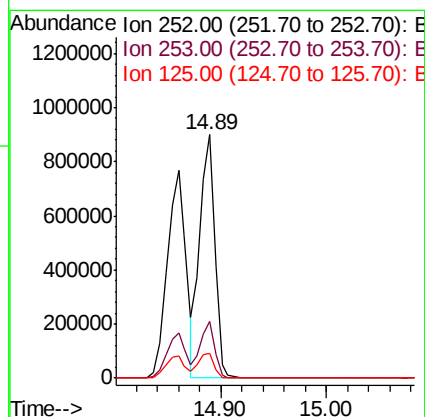
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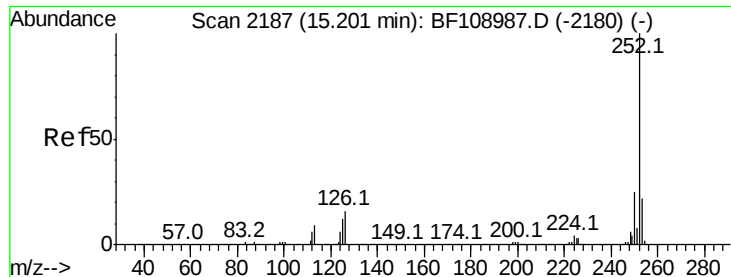
Sohil
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#88
Benzo(k)fluoranthene
Concen: 47.309 ng
RT: 14.89 min Scan# 2134
Delta R.T. 0.00 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	10.3	10.2	15.2





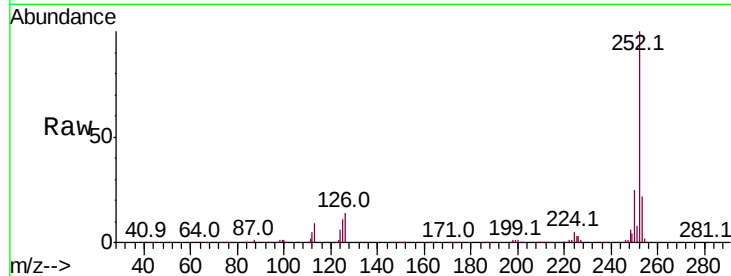
#89
Benzo(a)pyrene
Concen: 52.112 ng
RT: 15.20 min Scan# 2187
Delta R.T. 0.00 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB112873BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	11.4	9.8	14.6

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Sohil
9/17/2018 1:59:47 PM

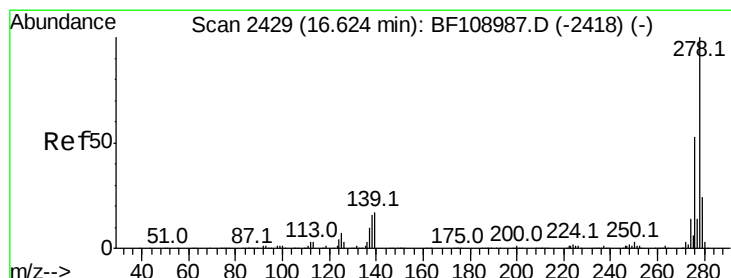
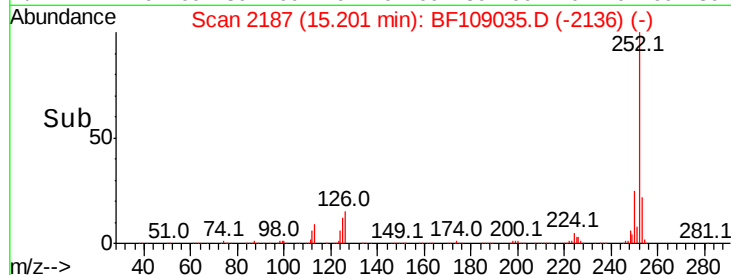
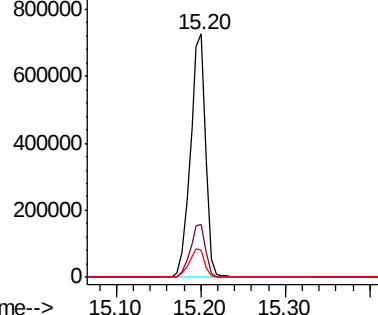


Abundance

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



#90
Dibenzo(a,h)anthracene
Concen: 61.420 ng
RT: 16.62 min Scan# 2429
Delta R.T. 0.00 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

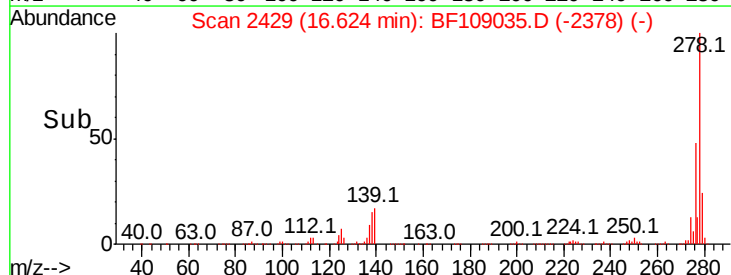
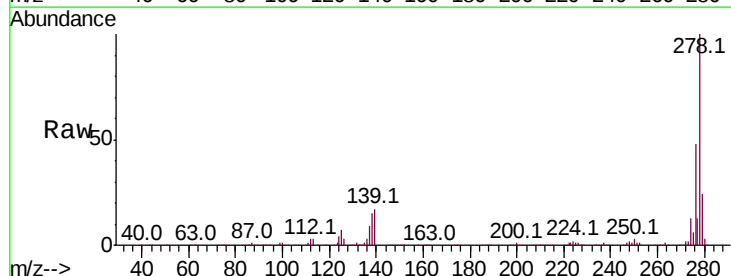
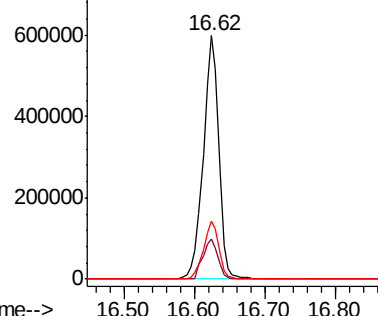
Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.6	15.9	23.9
279	24.1	19.0	28.4

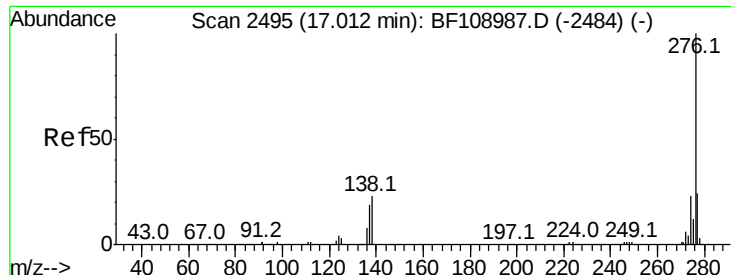
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 62.715 ng
 RT: 17.02 min Scan# 2496
 Delta R.T. 0.01 min
 Lab File: BF109035.D
 Acq: 15 Sep 2018 10:01

Instrument :
 BNA_F
 ClientSampleId :
 PB112873BSD

Tot Ion:	276	Resp:	934206
Ion Ratio		Lower	Upper
276	100		
277	23.1	17.9	26.9
138	21.7	21.8	32.8

Manual Integrations
 APPROVED

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