

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
 Data File : BF109133.D
 Acq On : 19 Sep 2018 8:44
 Operator : JU/SJ
 Sample : PB112905BSD
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112905BSD

Manual Integrations
 APPROVED

Sohil
 9/19/2018 4:24:18 PM

Quant Time: Sep 19 11:50:39 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	130290	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	461546	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	192115	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	315857	20.00	ng	0.00
75) Chrysene-d12	13.86	240	277995	20.00	ng	0.00
86) Perylene-d12	15.26	264	272546	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	729508	92.99	ng	0.02
7) Phenol-d6	6.37	99	924325	91.38	ng	0.00
23) Nitrobenzene-d5	7.29	82	831407	101.03	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	193707	92.91	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1382408	112.74	ng	0.00
78) Terphenyl-d14	12.81	244	1196145	101.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.47	88	132925	35.597	ng	94
3) Pyridine	3.17	79	386558	39.050	ng	90
4) n-Nitrosodimethylamine	3.10	42	184661	49.394	ng	# 99
6) Aniline	6.38	93	365706	27.971	ng	# 91
8) 2-Chlorophenol	6.51	128	384880	43.842	ng	98
9) Benzaldehyde	6.27	77	158191	24.487	ng	98
10) Phenol	6.38	94	468118	41.129	ng	78
11) bis(2-Chloroethyl)ether	6.46	93	374725	41.849	ng	98
12) 1,3-Dichlorobenzene	6.67	146	419616	41.796	ng	99
13) 1,4-Dichlorobenzene	6.74	146	427315	42.427	ng	98
14) 1,2-Dichlorobenzene	6.90	146	391235	41.900	ng	98
15) Benzyl Alcohol	6.87	79	336819	43.861	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.01	45	529674	41.286	ng	94
17) 2-Methylphenol	6.98	107	307557	42.941	ng	97
18) Hexachloroethane	7.24	117	142249	38.887	ng	100
19) n-Nitroso-di-n-propylamine	7.14	70	271641	40.627	ng	98
20) 3+4-Methylphenols	7.14	107	369546	42.841	ng	# 69
22) Acetophenone	7.13	105	510335	48.689	ng	# 93
24) Nitrobenzene	7.31	77	406030	47.857	ng	98
25) Isophorone	7.55	82	729125	51.546	ng	99
26) 2-Nitrophenol	7.62	139	159175	40.179	ng	100
27) 2,4-Dimethylphenol	7.67	122	333765	53.709	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	462102	48.546	ng	99
29) 2,4-Dichlorophenol	7.87	162	299870	45.283	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	325222	45.433	ng	97
31) Naphthalene	8.02	128	1044074	48.738	ng	99
32) Benzoic acid	7.77	122	127650m	31.437	ng	
33) 4-Chloroaniline	8.07	127	166196	17.449	ng	98
34) Hexachlorobutadiene	8.15	225	199156	45.572	ng	98
35) Caprolactam	8.44	113	87371m	40.468	ng	
36) 4-Chloro-3-methylphenol	8.56	107	301660	43.273	ng	98
37) 2-Methylnaphthalene	8.72	142	685177	49.066	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	309381	51.166	ng	98
40) Hexachlorocyclopentadiene	8.88	237	113947	37.402	ng	99

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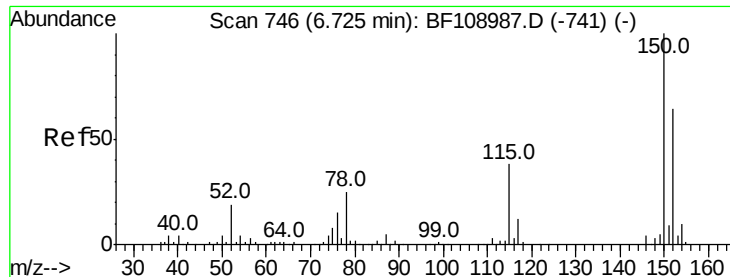
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	195463	48.093	ng	100
43) 2,4,5-Trichlorophenol	9.04	196	202707	47.728	ng	97
45) 1,1'-Biphenyl	9.18	154	788923	51.329	ng	98
46) 2-Chloronaphthalene	9.20	162	607071	49.319	ng	99
47) 2-Nitroaniline	9.30	65	189204	49.999	ng	96
48) Acenaphthylene	9.62	152	944938	50.916	ng	100
49) Dimethylphthalate	9.48	163	720693	52.486	ng	99
50) 2,6-Dinitrotoluene	9.54	165	146688	48.172	ng	94
51) Acenaphthene	9.79	154	545637	47.215	ng	99
52) 3-Nitroaniline	9.70	138	128027	35.705	ng	93
53) 2,4-Dinitrophenol	9.81	184	17727	15.105	ng	# 22
54) Dibenzofuran	9.96	168	782604	46.863	ng	99
55) 4-Nitrophenol	9.87	139	204359	77.355	ng	94
56) 2,4-Dinitrotoluene	9.94	165	176614	44.349	ng	# 92
57) Fluorene	10.30	166	561289	50.435	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	156370	44.465	ng	89
59) Diethylphthalate	10.18	149	680636	49.086	ng	98
60) 4-Chlorophenyl-phenylether	10.30	204	282510	47.408	ng	93
61) 4-Nitroaniline	10.31	138	141365	41.497	ng	97
62) Azobenzene	10.45	77	638437	44.980	ng	95
64) 4,6-Dinitro-2-methylphenol	10.35	198	17200	11.381	ng	76
65) n-Nitrosodiphenylamine	10.41	169	541389	52.400	ng	95
66) 4-Bromophenyl-phenylether	10.78	248	181158	50.875	ng	# 83
67) Hexachlorobenzene	10.85	284	184754	48.507	ng	94
68) Atrazine	10.94	200	171224	51.770	ng	96
69) Pentachlorophenol	11.04	266	173184	71.068	ng	99
70) Phenanthrene	11.25	178	810277	52.332	ng	99
71) Anthracene	11.31	178	831234	52.960	ng	100
72) Carbazole	11.46	167	734418	47.269	ng	99
73) Di-n-butylphthalate	11.80	149	929176	51.089	ng	99
74) Fluoranthene	12.44	202	859273	52.568	ng	98
76) Benzidine	12.56	184	369598	37.558	ng	98
77) Pyrene	12.67	202	878587	42.548	ng	99
79) Butylbenzylphthalate	13.29	149	391663	42.467	ng	98
80) Benzo(a)anthracene	13.85	228	842348	50.048	ng	99
81) 3,3'-Dichlorobenzidine	13.81	252	275592	40.578	ng	96
82) Chrysene	13.88	228	824181	48.944	ng	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	495732	44.393	ng	99
84) Di-n-octyl phthalate	14.46	149	995485	52.563	ng	98
85) Indeno(1,2,3-cd)pyrene	16.62	276	641622	47.659	ng	94
87) Benzo(b)fluoranthene	14.87	252	803203	53.270	ng	97
88) Benzo(k)fluoranthene	14.89	252	764532	54.288	ng	97
89) Benzo(a)pyrene	15.21	252	709019	52.951	ng	98
90) Dibenzo(a,h)anthracene	16.63	278	546086	48.543	ng	96
91) Benzo(g,h,i)perylene	17.02	276	517253	45.990	ng	# 92

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



#1

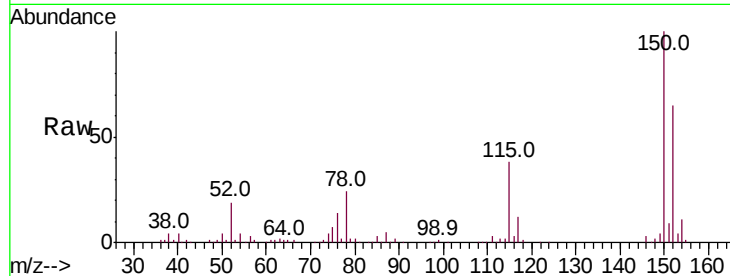
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 746
Delta R.T. -0.00 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Instrument :
BNA_F
ClientSampleId :
PB112905BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.6	186.8
115	58.2	50.1	75.1

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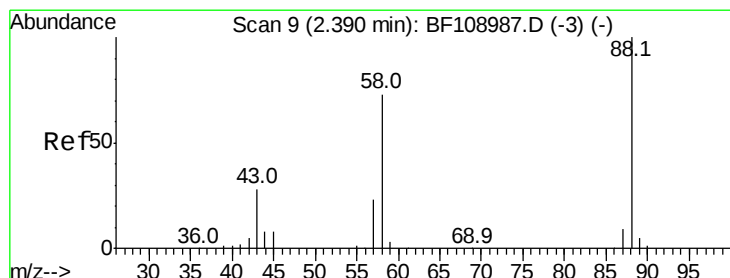
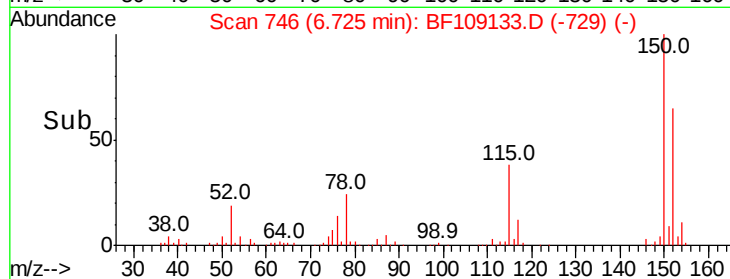
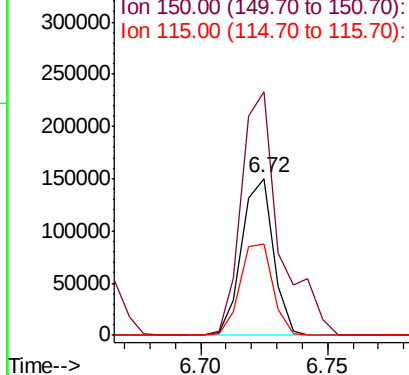


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

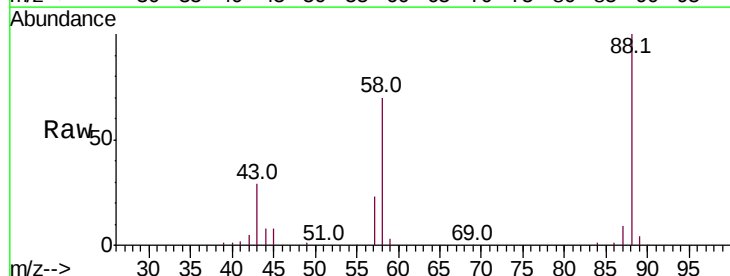
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.597 ng
RT: 2.47 min Scan# 22
Delta R.T. 0.08 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.7	62.6	93.8
43	28.3	24.6	37.0

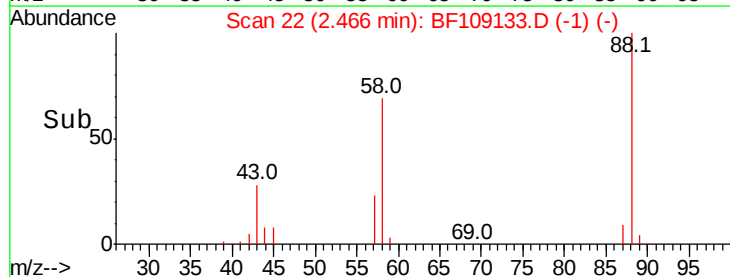
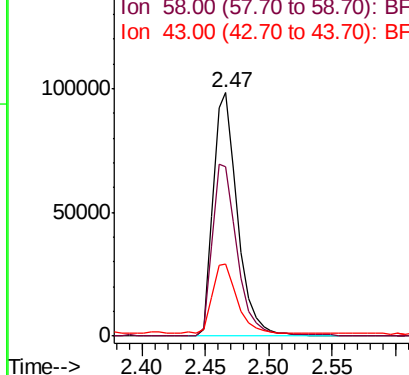


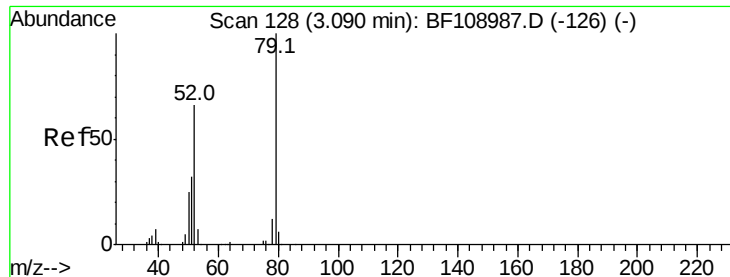
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 39.050 ng

RT: 3.17 min Scan# 141

Delta R.T. 0.08 min

Lab File: BF109133.D

Acq: 19 Sep 2018 8:44

Instrument :

BNA_F

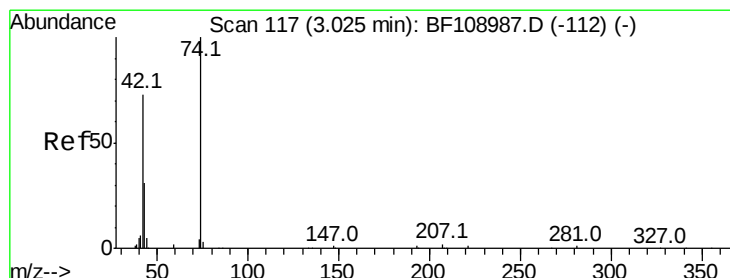
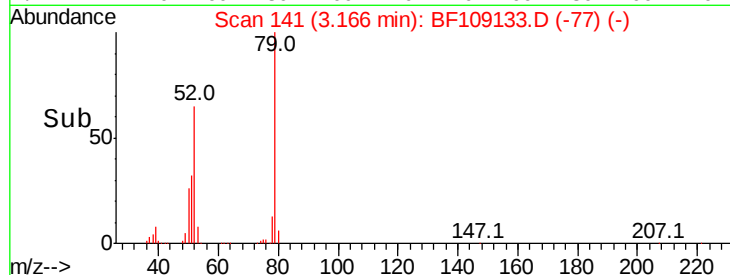
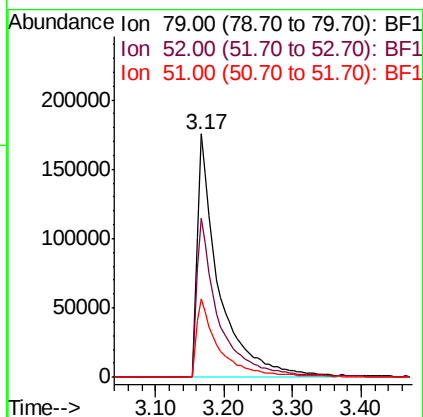
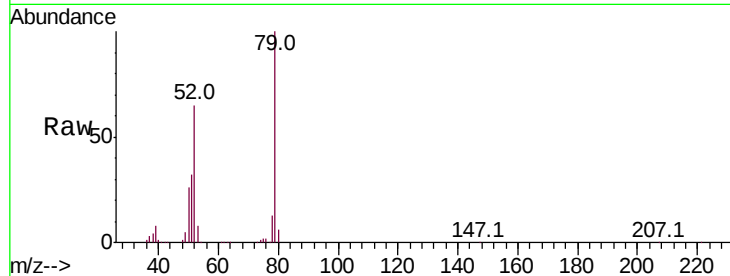
ClientSampleId :

PB112905BSD

Tot Ion:	79	Resp:	386558
Ion Ratio	Lower	Upper	
79	100		
52	65.4	59.8	89.6
51	32.3	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 49.394 ng

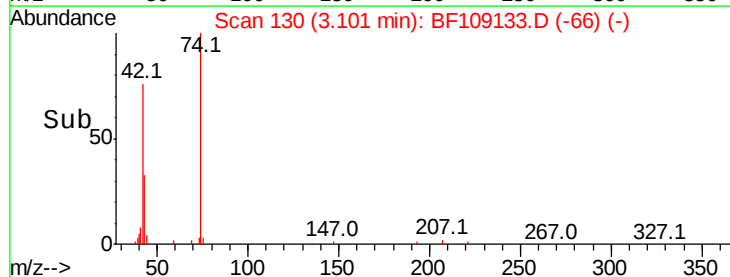
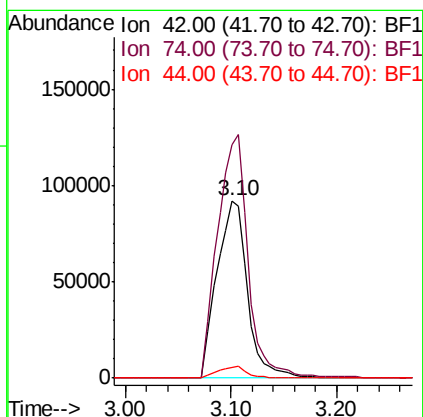
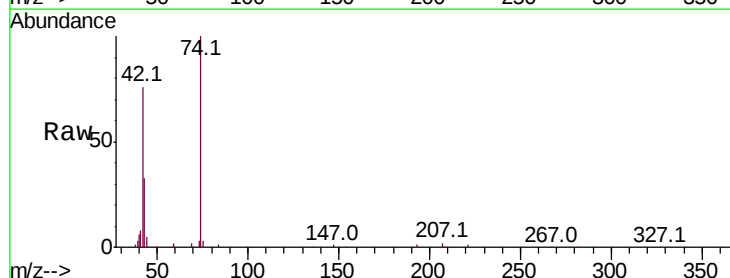
RT: 3.10 min Scan# 130

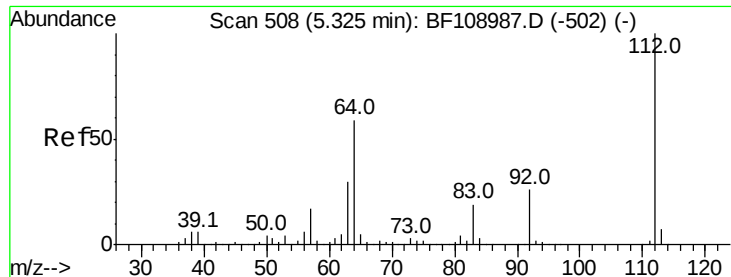
Delta R.T. 0.08 min

Lab File: BF109133.D

Acq: 19 Sep 2018 8:44

Tgt Ion:	42	Resp:	184661
Ion Ratio	Lower	Upper	
42	100		
74	131.3	104.9	157.3
44	6.1	6.9	10.3#





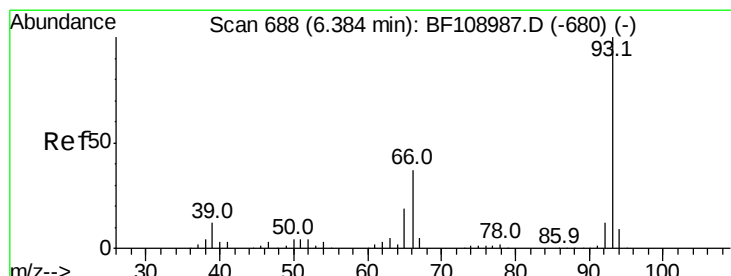
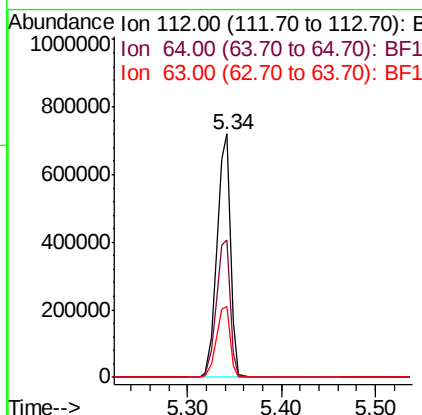
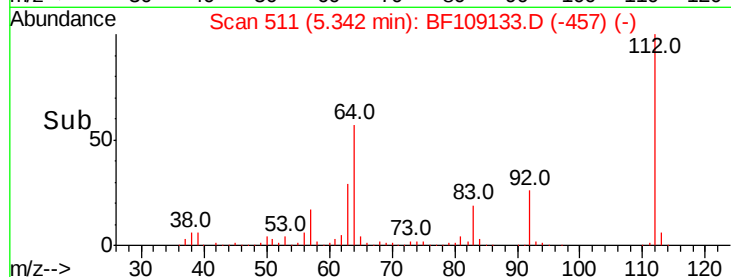
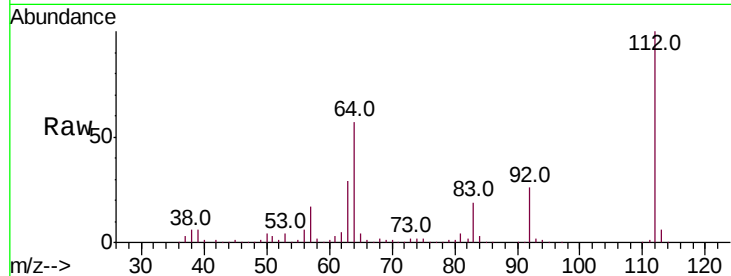
#5
 2-Fluorophenol
 Concen: 92.995 ng
 RT: 5.34 min Scan# 511
 Delta R.T. 0.02 min
 Lab File: BF109133.D
 Acq: 19 Sep 2018 8:44

Instrument :
 BNA_F
 ClientSampleId :
 PB112905BSD

Tot Ion:	112	Resp:	729508
Ion Ratio	Lower	Upper	
112	100		
64	56.6	47.9	71.9
63	29.2	23.7	35.5

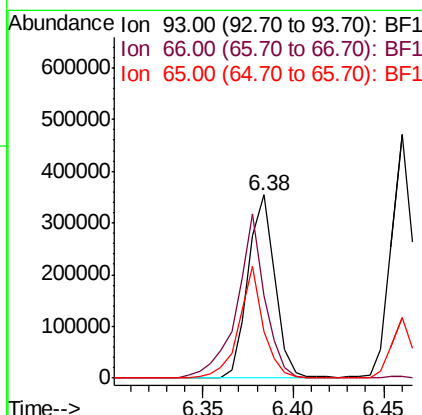
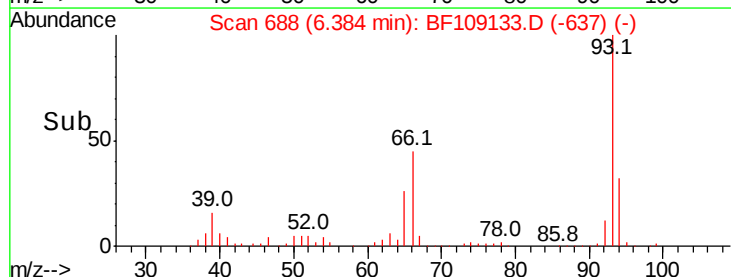
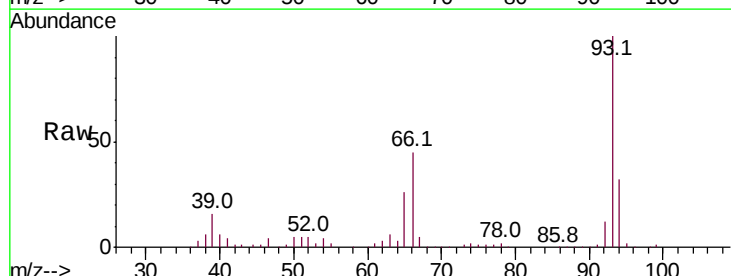
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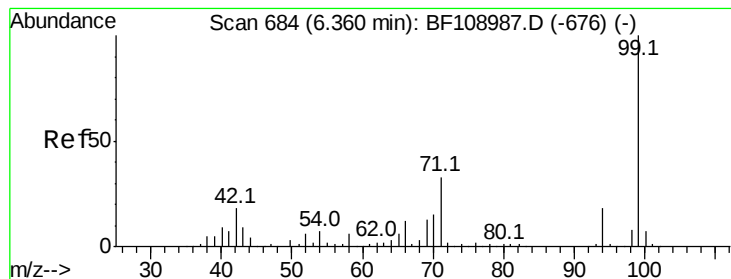
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#6
 Aniline
 Concen: 27.971 ng
 RT: 6.38 min Scan# 688
 Delta R.T. -0.00 min
 Lab File: BF109133.D
 Acq: 19 Sep 2018 8:44

Tgt Ion:	93	Resp:	365706
Ion Ratio	Lower	Upper	
93	100		
66	45.1	32.2	48.2
65	25.6	16.4	24.6





#7

Phenol-d6

Concen: 91.379 ng

RT: 6.37 min Scan# 685

Delta R.T. 0.01 min

Lab File: BF109133.D

Acq: 19 Sep 2018 8:44

Instrument :

BNA_F

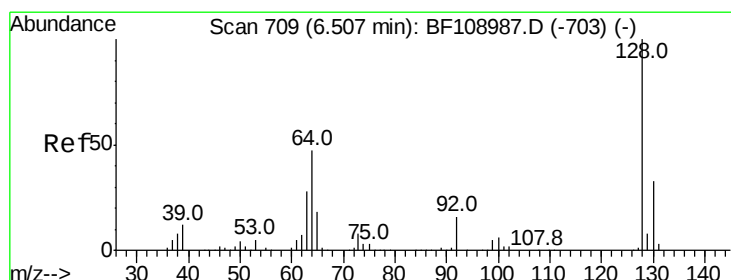
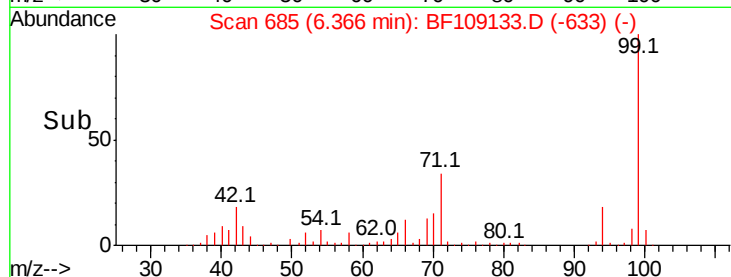
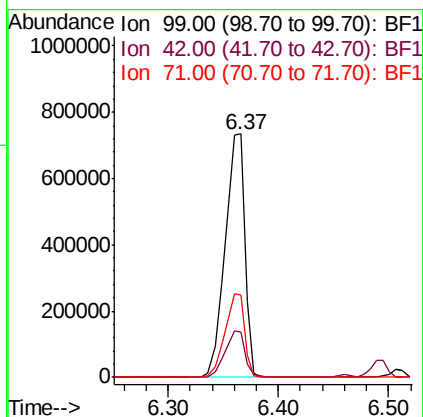
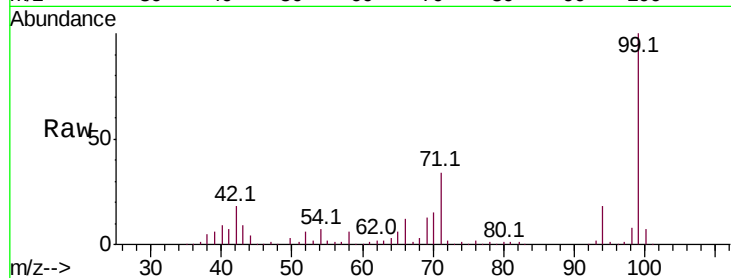
ClientSampleId :

PB112905BSD

Tot Ion:	99	Resp:	924325
Ion Ratio	Lower	Upper	
99	100		
42	18.4	14.5	21.7
71	33.6	25.4	38.0

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#8

2-Chlorophenol

Concen: 43.842 ng

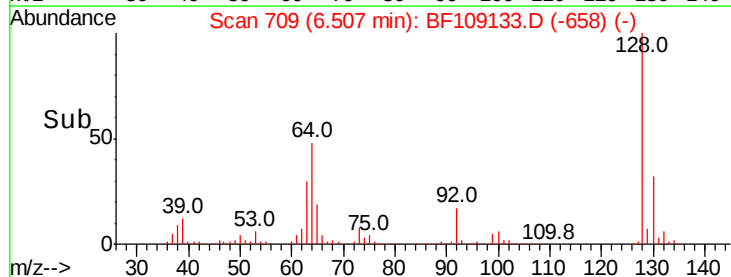
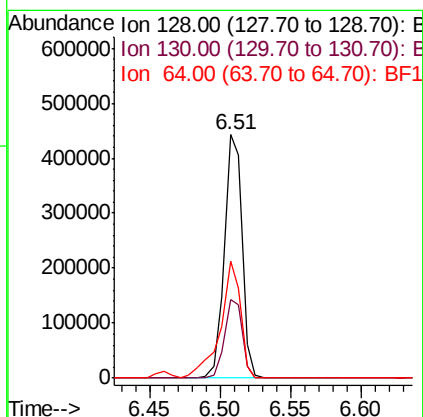
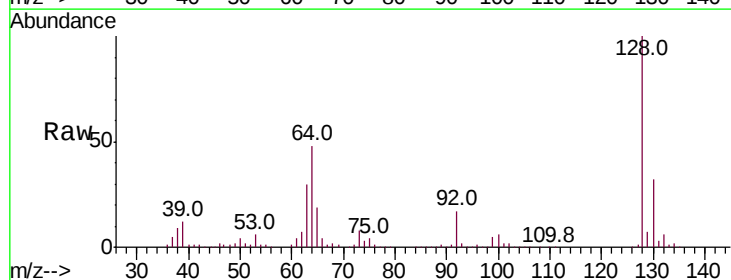
RT: 6.51 min Scan# 709

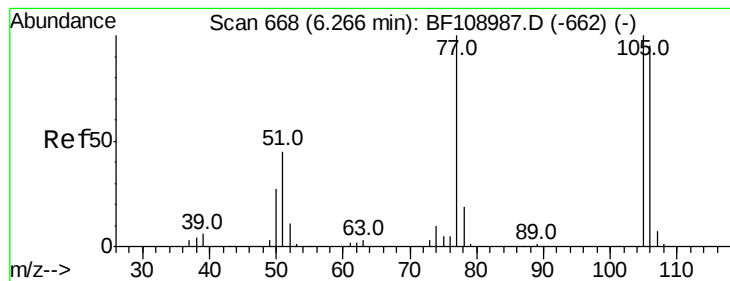
Delta R.T. -0.00 min

Lab File: BF109133.D

Acq: 19 Sep 2018 8:44

Tgt Ion:	128	Resp:	384880
Ion Ratio	Lower	Upper	
128	100		
130	32.3	13.0	53.0
64	47.8	29.4	69.4





#9

Benzaldehyde

Concen: 24.487 ng

RT: 6.27 min Scan# 668

Delta R.T. -0.00 min

Lab File: BF109133.D

Acq: 19 Sep 2018 8:44

Instrument :

BNA_F

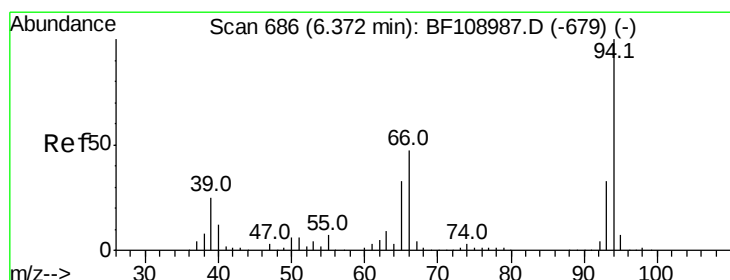
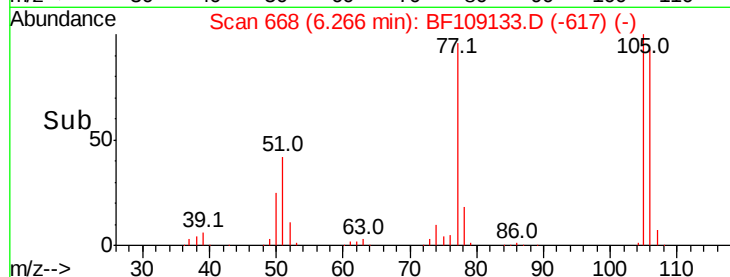
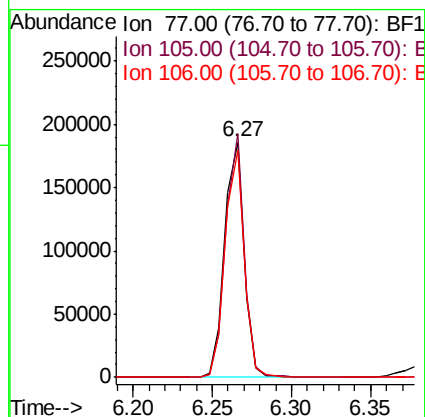
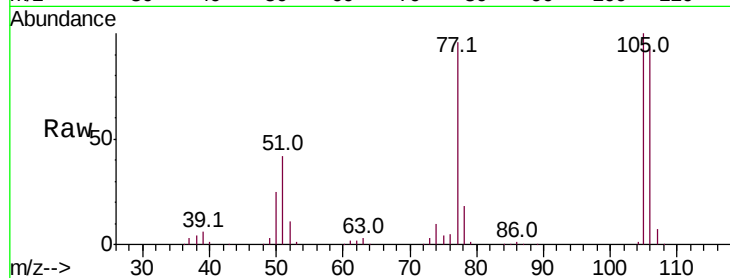
ClientSampleID :

PB112905BSD

Tot Ion: 77 Resp: 158191
 Ion Ratio Lower Upper
 77 100
 105 103.7 81.1 121.1
 106 96.4 74.5 114.5

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#10

Phenol

Concen: 41.129 ng

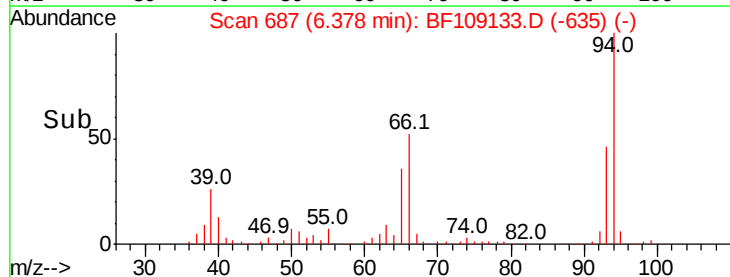
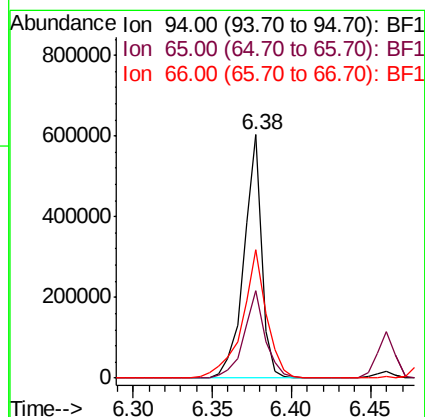
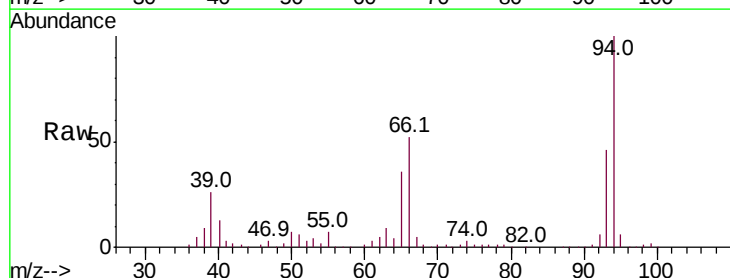
RT: 6.38 min Scan# 687

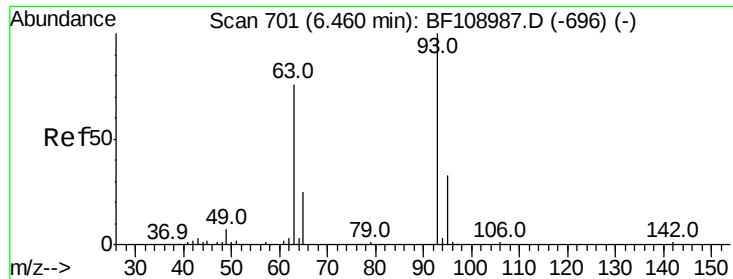
Delta R.T. 0.01 min

Lab File: BF109133.D

Acq: 19 Sep 2018 8:44

Tgt Ion: 94 Resp: 468118
 Ion Ratio Lower Upper
 94 100
 65 35.7 7.9 47.9
 66 52.5 16.2 56.2





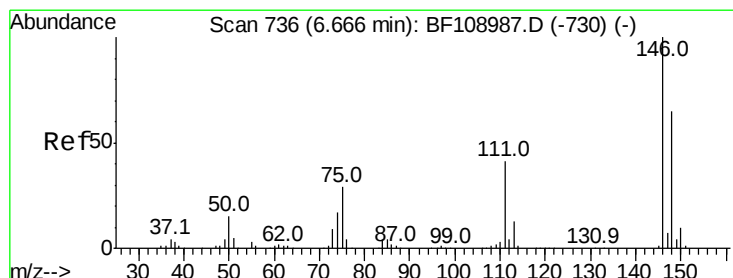
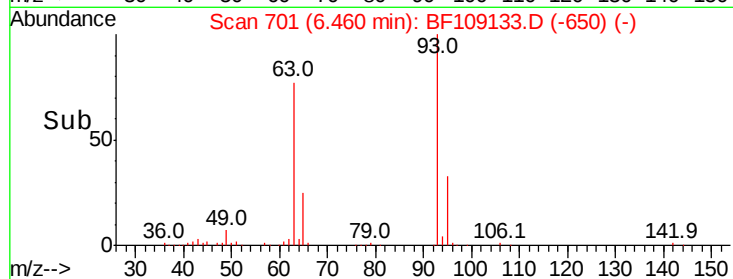
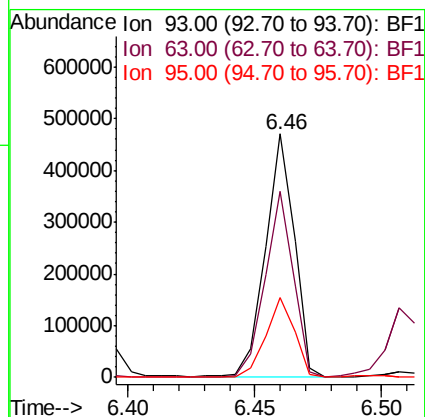
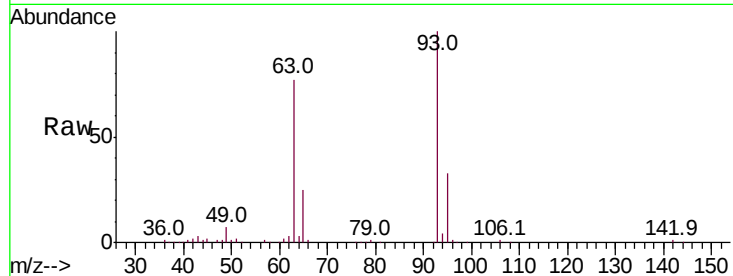
#11
bis(2-Chloroethyl)ether
Concen: 41.849 ng
RT: 6.46 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Instrument :
BNA_F
ClientSampleId :
PB112905BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	76.7	58.6	98.6
95	33.0	11.8	51.8

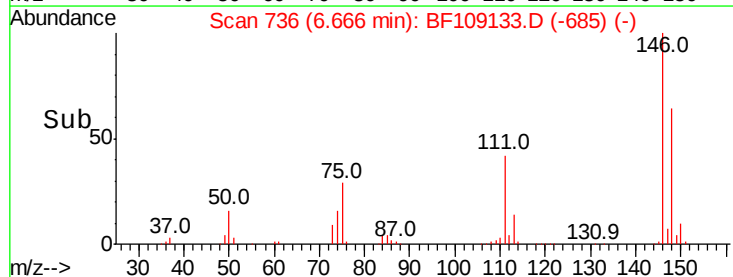
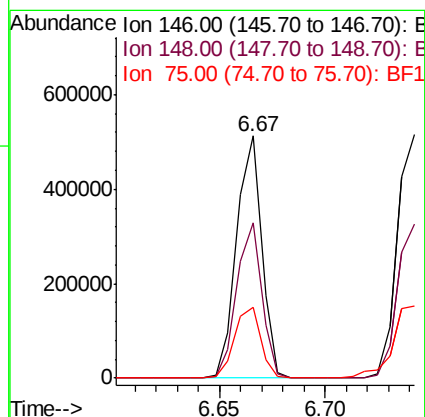
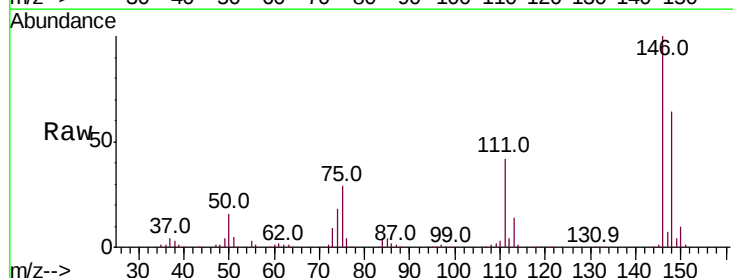
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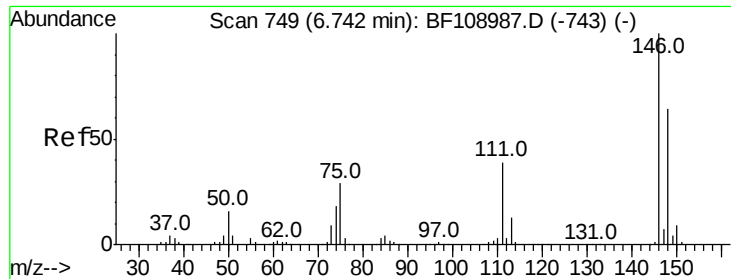
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#12
1,3-Dichlorobenzene
Concen: 41.796 ng
RT: 6.67 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.8	77.8
75	29.2	24.2	36.4





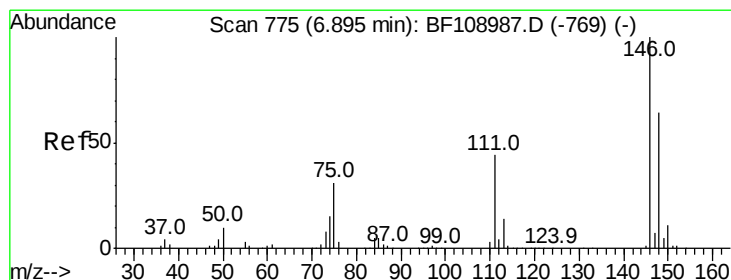
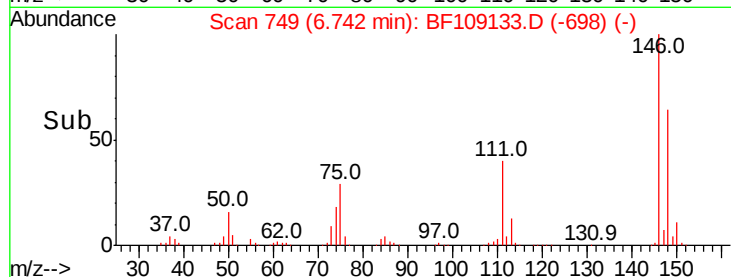
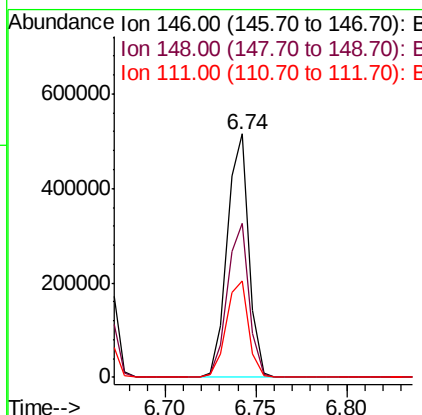
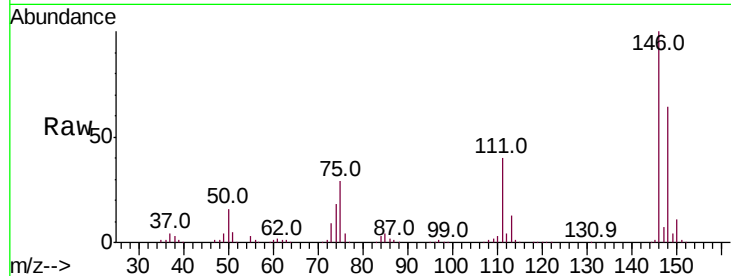
#13
 1,4-Dichlorobenzene
 Concen: 42.427 ng
 RT: 6.74 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: BF109133.D
 Acq: 19 Sep 2018 8:44

Instrument :
 BNA_F
 ClientSampleId :
 PB112905BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.8	76.2
111	39.5	34.2	51.2

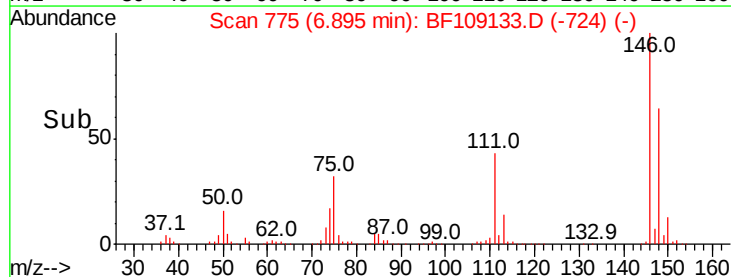
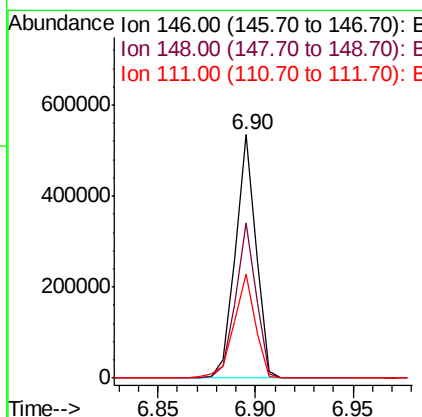
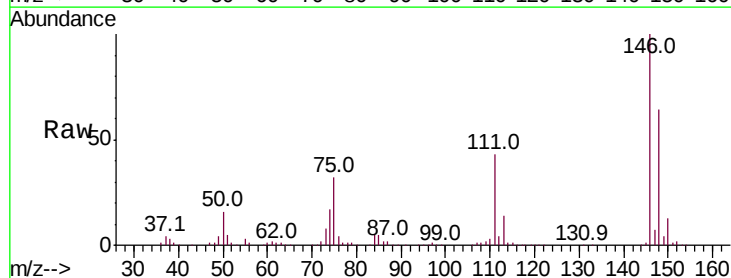
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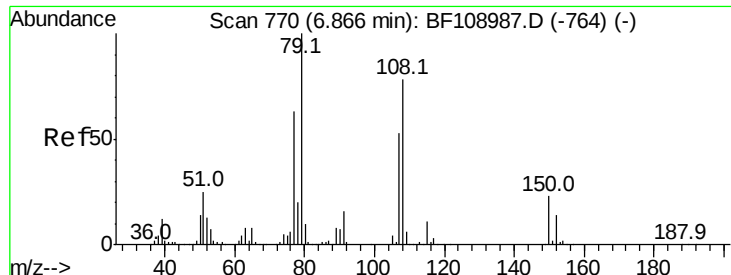
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#14
 1,2-Dichlorobenzene
 Concen: 41.900 ng
 RT: 6.90 min Scan# 775
 Delta R.T. -0.00 min
 Lab File: BF109133.D
 Acq: 19 Sep 2018 8:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.6	75.8
111	43.0	36.0	54.0





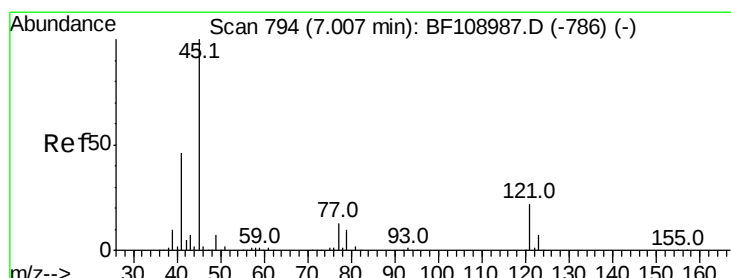
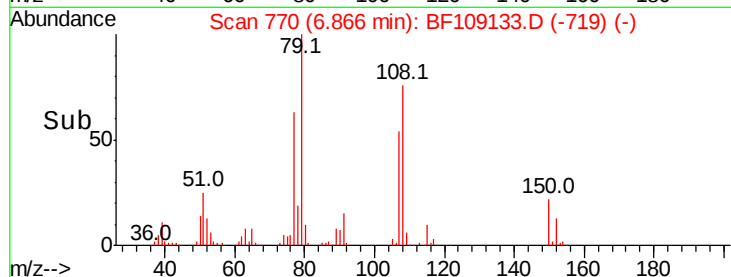
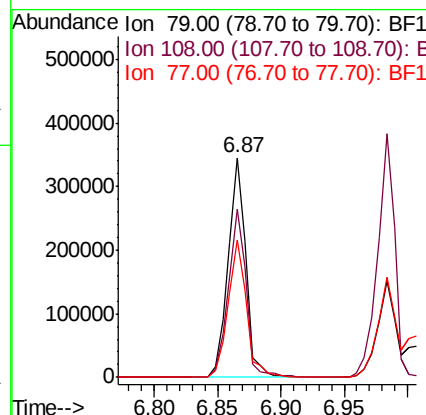
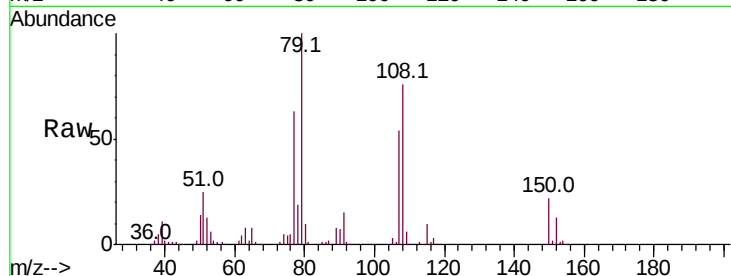
#15
Benzyl Alcohol
Concen: 43.861 ng
RT: 6.87 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Instrument :
BNA_F
ClientSampleId :
PB112905BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.3	65.1	97.7
77	62.6	50.6	75.8

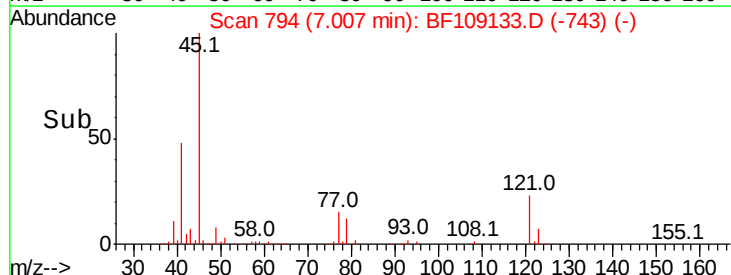
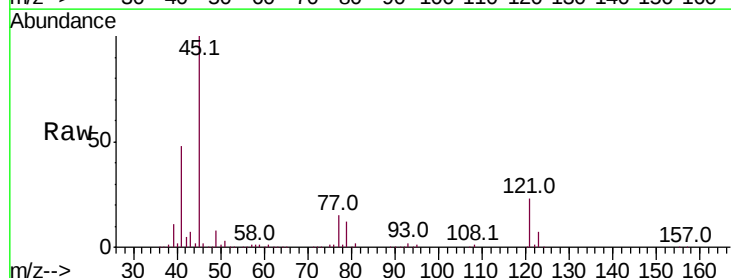
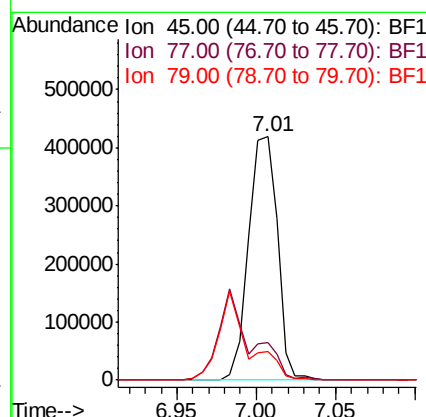
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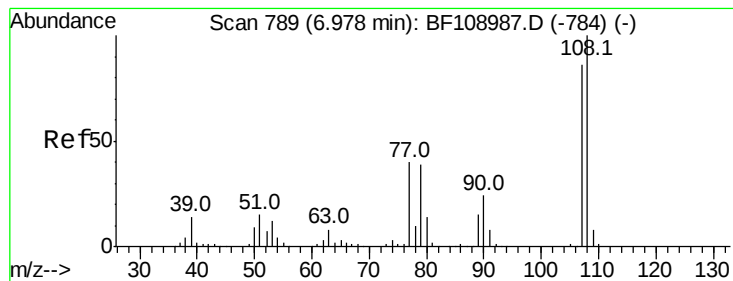
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.286 ng
RT: 7.01 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.4	0.0	32.9
79	11.6	0.0	29.6





#17

2-Methylphenol

Concen: 42.941 ng

RT: 6.98 min Scan# 790

Delta R.T. 0.01 min

Lab File: BF109133.D

Acq: 19 Sep 2018 8:44

Instrument :

BNA_F

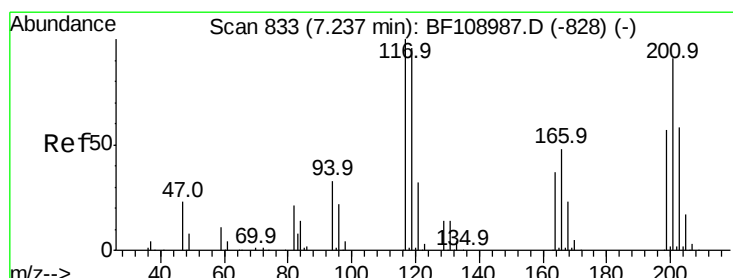
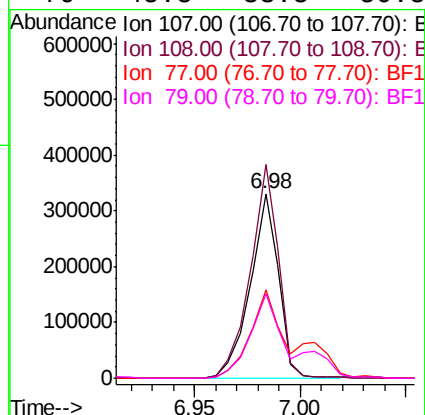
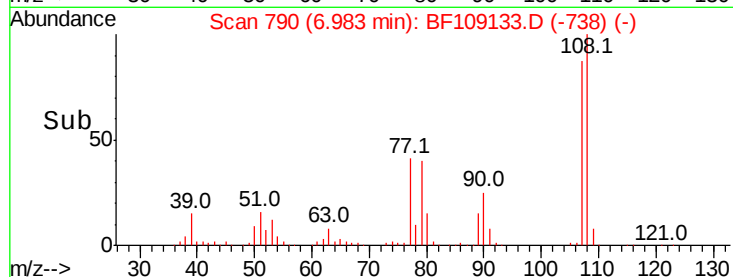
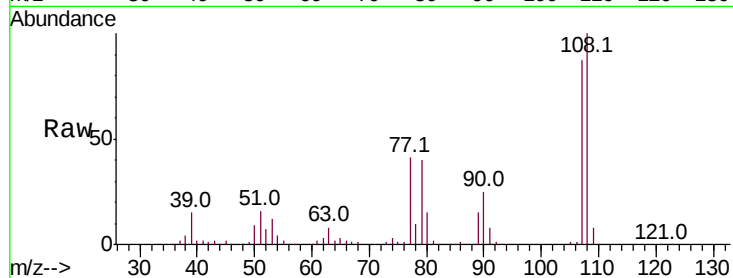
ClientSampleId :

PB112905BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.5	91.7	137.5	
77	47.6	33.8	50.8	
79	45.8	33.8	50.8	

Manual Integrations
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#18

Hexachloroethane

Concen: 38.887 ng

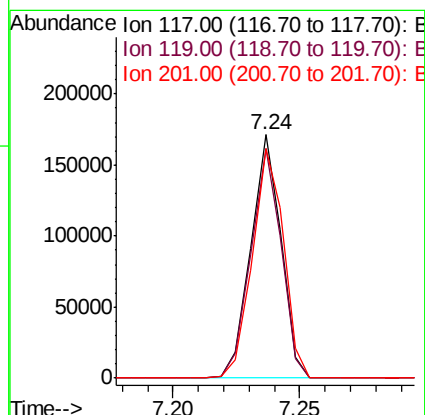
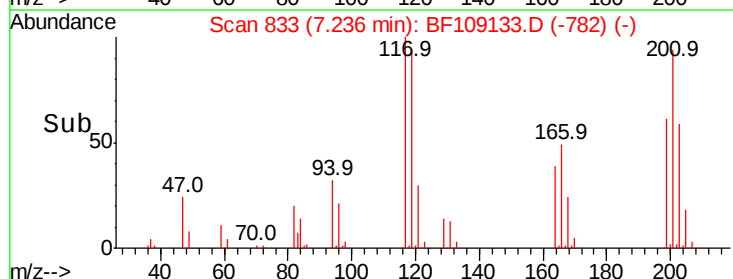
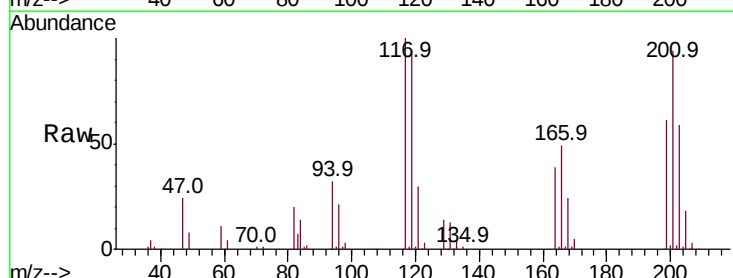
RT: 7.24 min Scan# 833

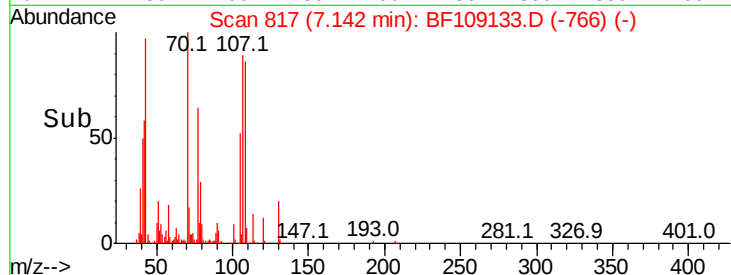
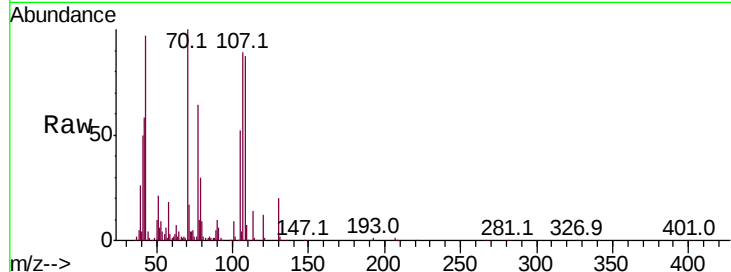
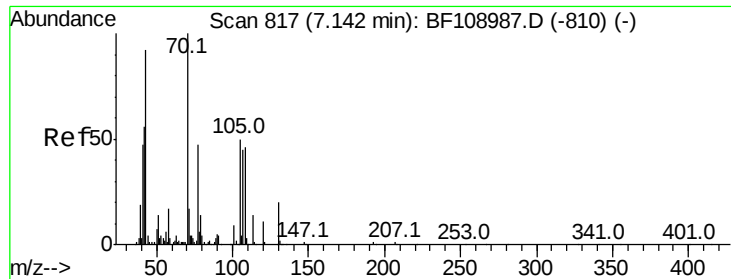
Delta R.T. -0.00 min

Lab File: BF109133.D

Acq: 19 Sep 2018 8:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.4	75.8	113.8	
201	94.1	75.7	113.5	





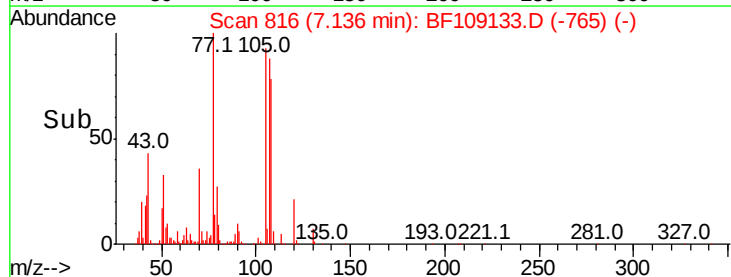
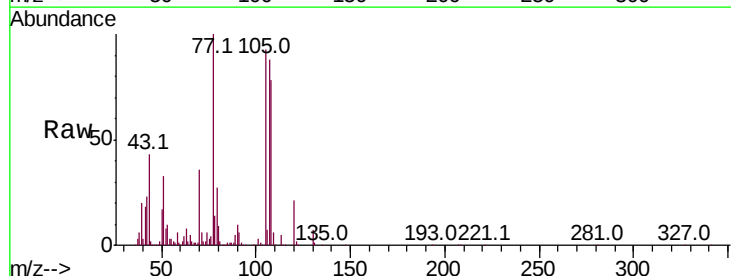
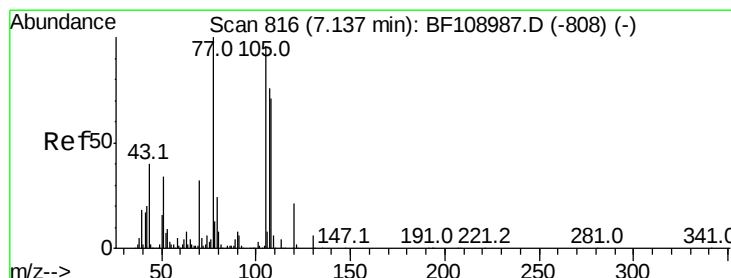
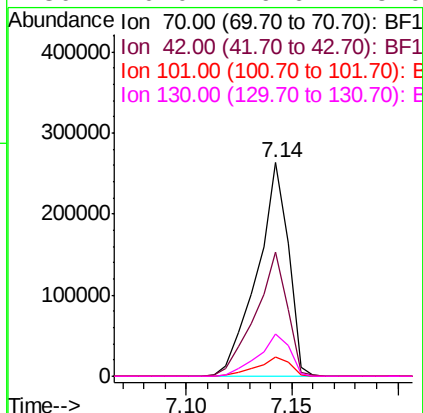
#19
n-Nitroso-di-n-propylamine
Concen: 40.627 ng
RT: 7.14 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Instrument :
BNA_F
ClientSampleId :
PB112905BSD

Manual Integrations
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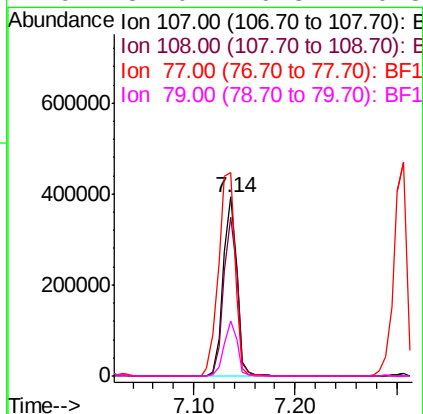
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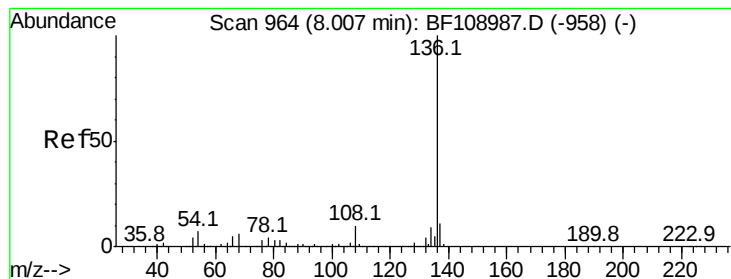
Tot Ion	Ratio	Lower	Upper
70	100		
42	58.1	47.5	71.3
101	9.1	7.4	11.2
130	20.0	16.6	25.0



#20
3+4-Methylphenols
Concen: 42.841 ng
RT: 7.14 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.9	68.2	108.2
77	114.1	26.7	66.7#
79	31.0	6.3	46.3





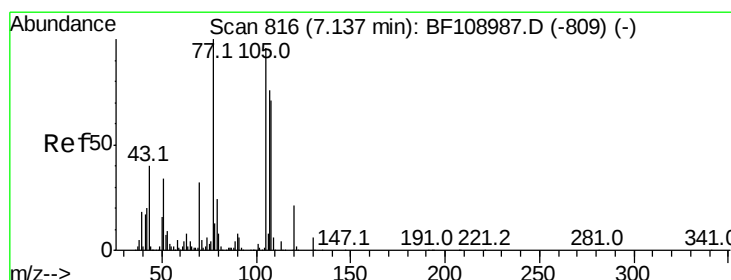
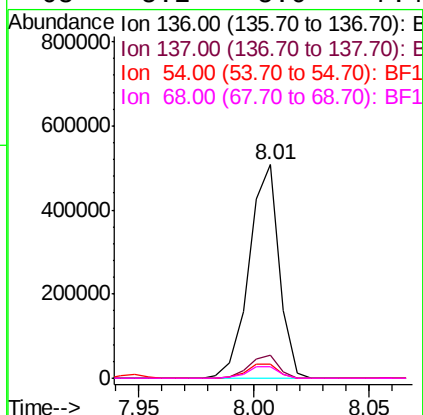
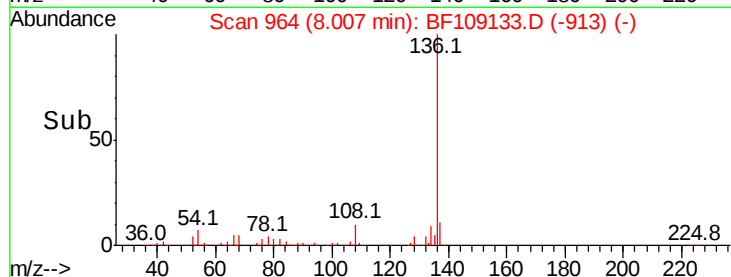
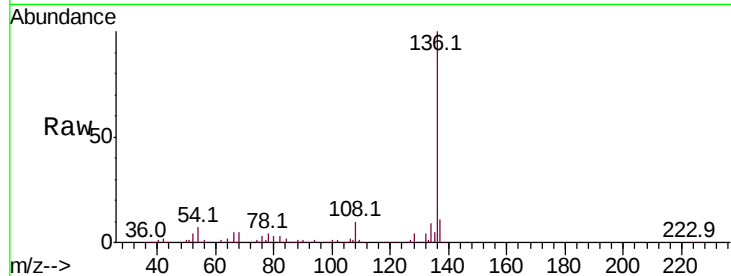
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 964
Delta R.T. -0.00 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Instrument :
BNA_F
ClientSampleId :
PB112905BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	461546		
137	10.6	8.9	13.3	
54	6.7	6.6	9.8	
68	5.2	5.0	7.4	

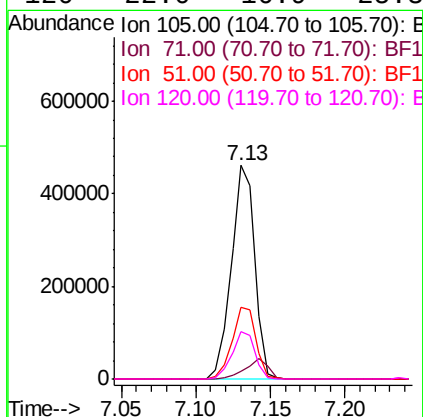
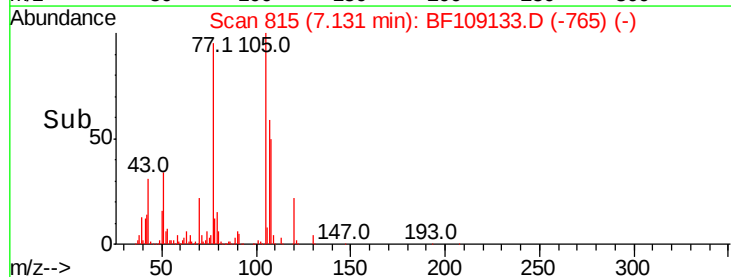
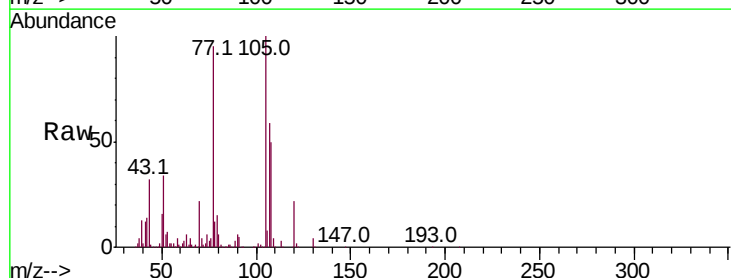
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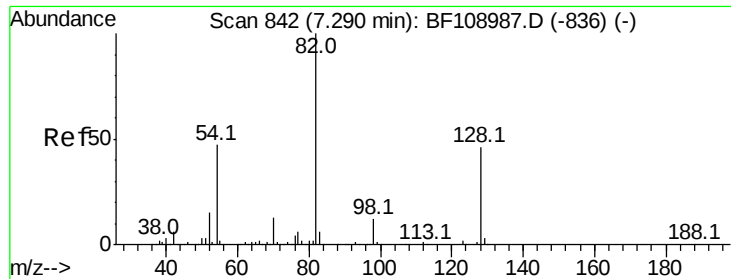
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#22
Acetophenone
Concen: 48.689 ng
RT: 7.13 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	510335		
71	3.6	4.4	6.6#	
51	33.5	22.3	33.5#	
120	22.0	16.9	25.3	





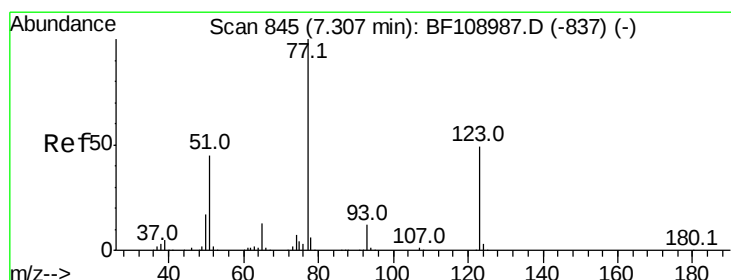
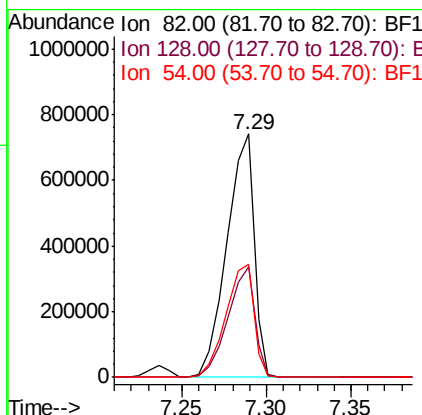
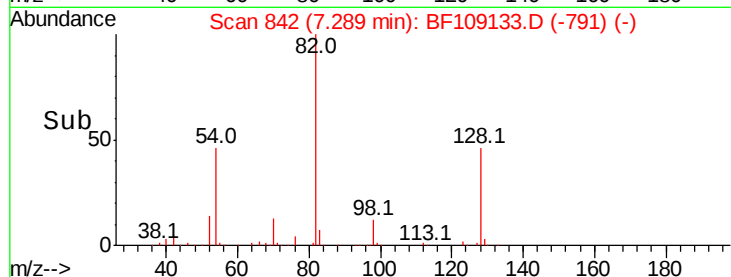
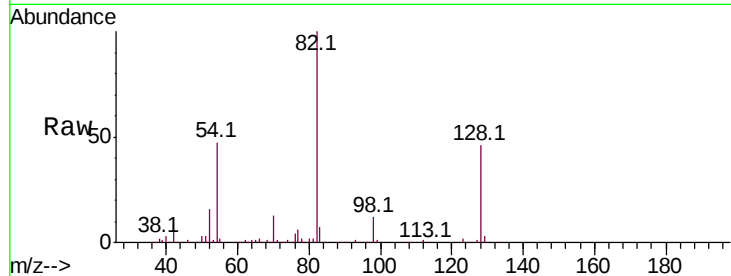
#23
 Nitrobenzene-d5
 Concen: 101.035 ng
 RT: 7.29 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BF109133.D
 Acq: 19 Sep 2018 8:44

Instrument :
 BNA_F
 ClientSampleId :
 PB112905BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.6	36.1	54.1	
54	46.6	41.4	62.2	

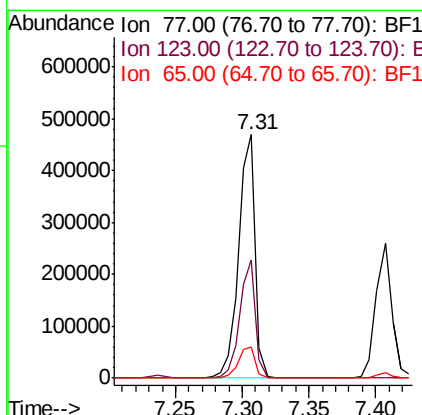
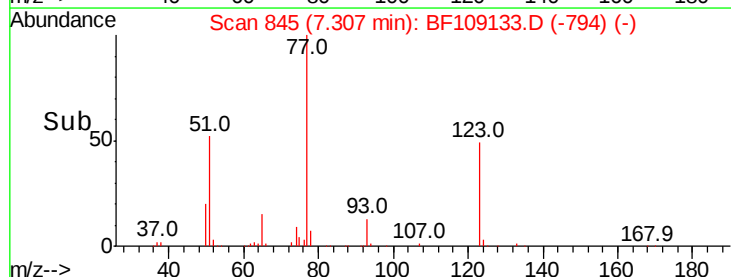
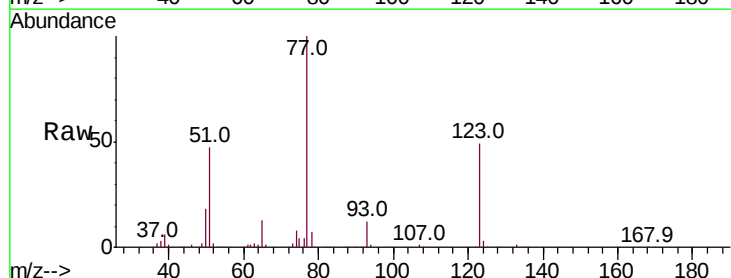
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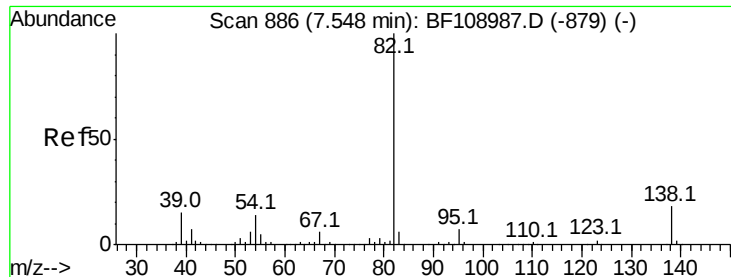
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#24
 Nitrobenzene
 Concen: 47.857 ng
 RT: 7.31 min Scan# 845
 Delta R.T. -0.00 min
 Lab File: BF109133.D
 Acq: 19 Sep 2018 8:44

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	48.7	37.9	56.9	
65	13.1	11.0	16.4	





#25

Isophorone

Concen: 51.546 ng

RT: 7.55 min Scan# 886

Delta R.T. -0.00 min

Lab File: BF109133.D

Acq: 19 Sep 2018 8:44

Instrument :

BNA_F

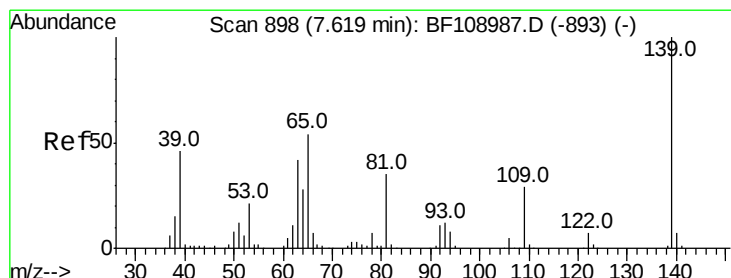
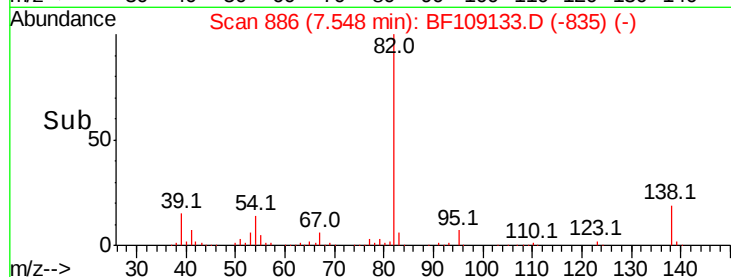
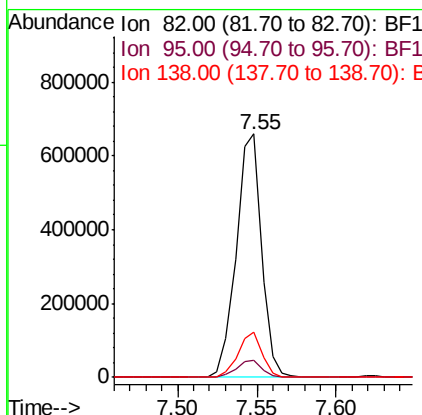
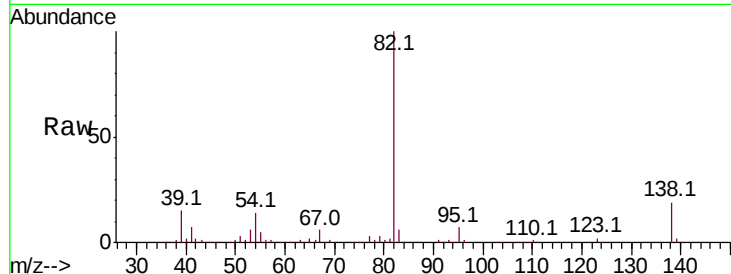
ClientSampleId :

PB112905BSD

Tot Ion:	82	Resp:	729125
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.2	7.8
138	18.8	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.179 ng

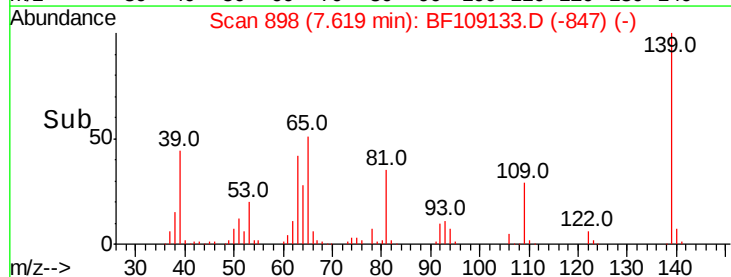
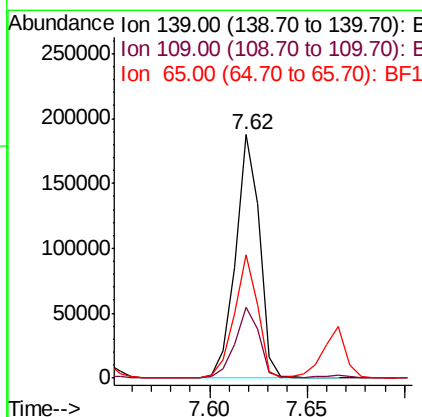
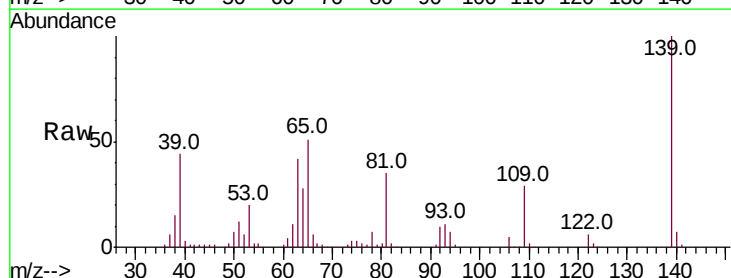
RT: 7.62 min Scan# 898

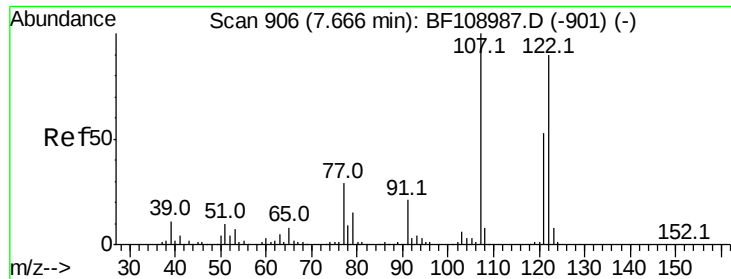
Delta R.T. -0.00 min

Lab File: BF109133.D

Acq: 19 Sep 2018 8:44

Tgt Ion:	139	Resp:	159175
Ion Ratio	Lower	Upper	
139	100		
109	28.9	22.7	34.1
65	50.5	40.5	60.7





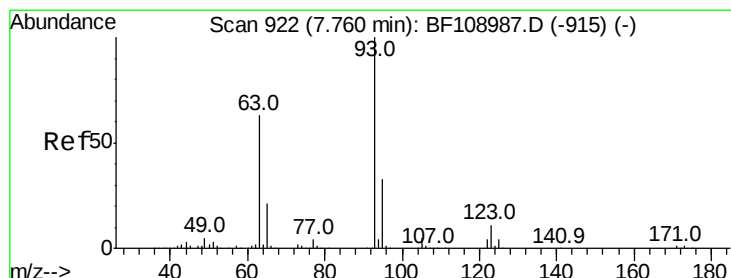
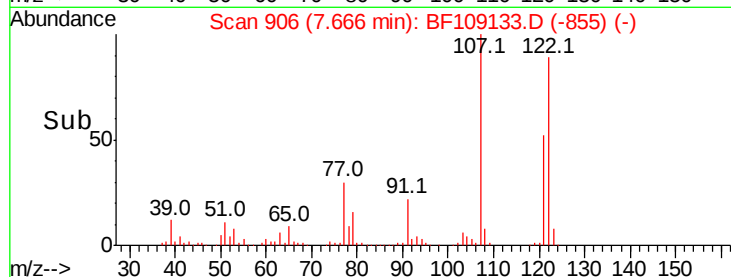
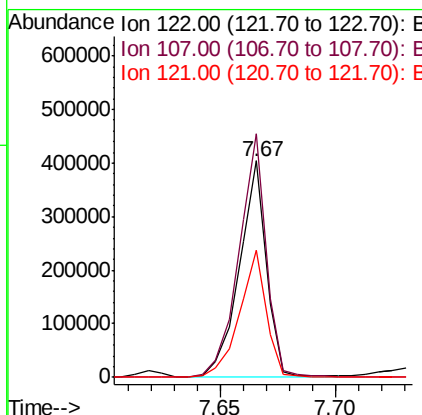
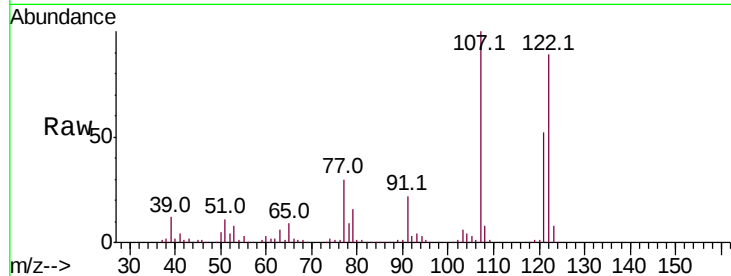
#27
 2,4-Dimethylphenol
 Concen: 53.709 ng
 RT: 7.67 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BF109133.D
 Acq: 19 Sep 2018 8:44

Instrument :
 BNA_F
 ClientSampleId :
 PB112905BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	333765		
107	112.6	91.2	136.8	
121	58.7	47.2	70.8	

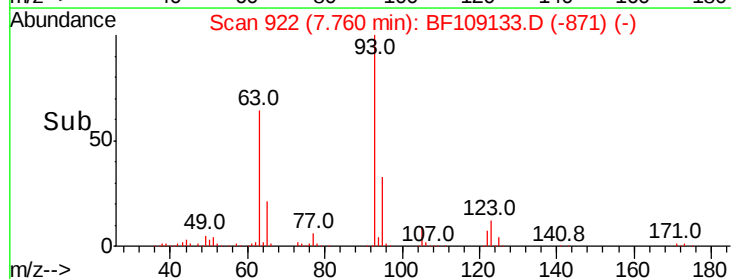
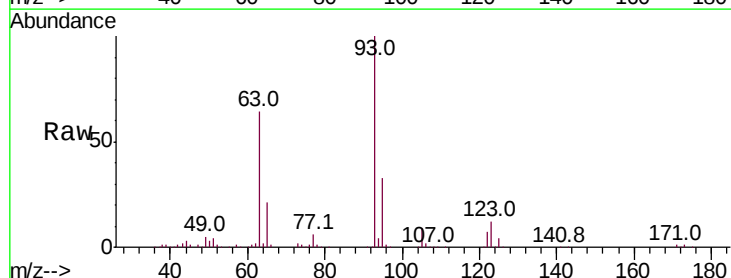
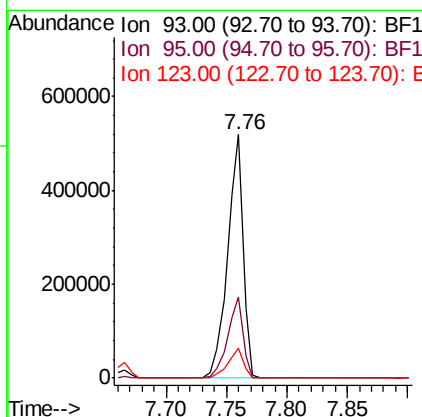
Manual Integrations
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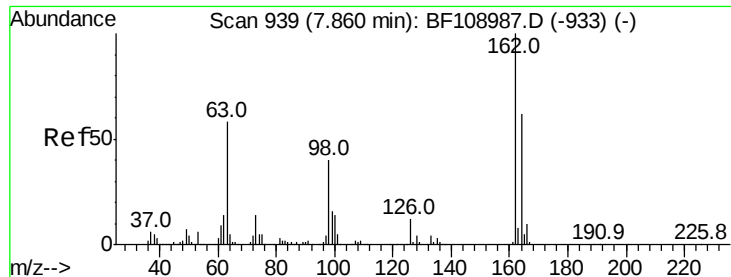
Sohil
 9/19/2018 4:24:18 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.546 ng
 RT: 7.76 min Scan# 922
 Delta R.T. -0.00 min
 Lab File: BF109133.D
 Acq: 19 Sep 2018 8:44

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	462102		
95	33.3	26.3	39.5	
123	12.2	9.8	14.6	





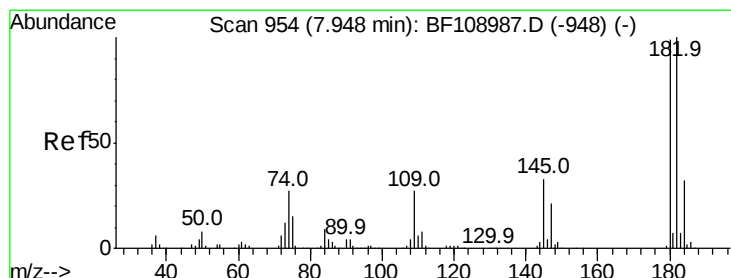
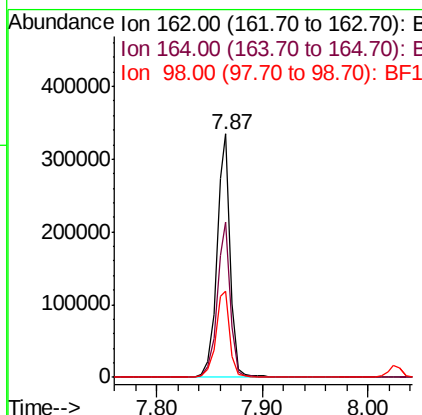
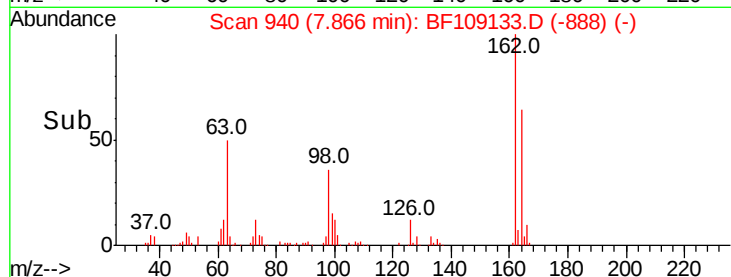
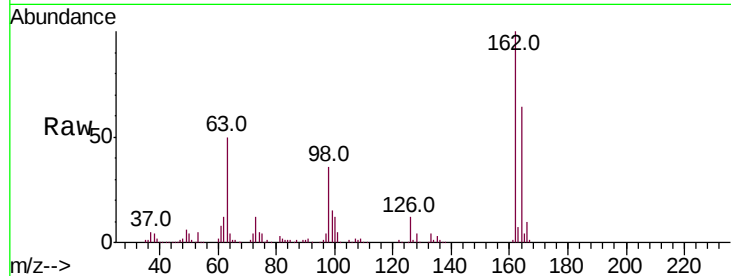
#29
2,4-Dichlorophenol
Concen: 45.283 ng
RT: 7.87 min Scan# 940
Delta R.T. 0.01 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Instrument :
BNA_F
ClientSampleId :
PB112905BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	299870		
164	63.7	42.7	82.7	
98	35.6	18.1	58.1	

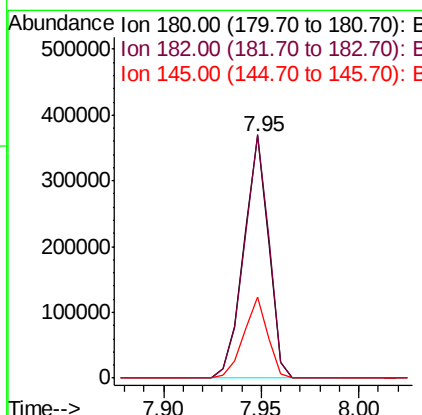
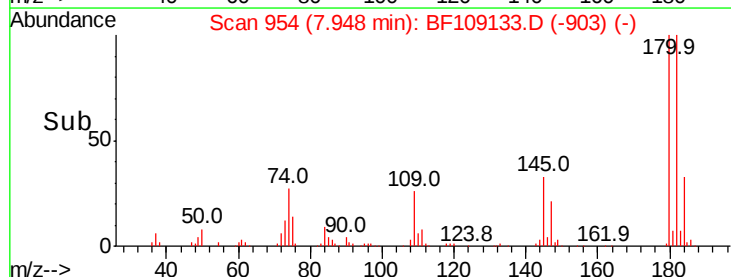
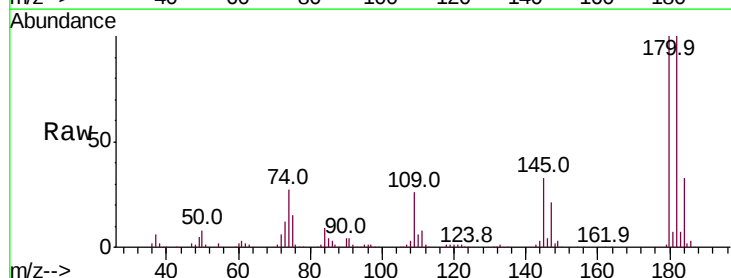
Manual Integrations
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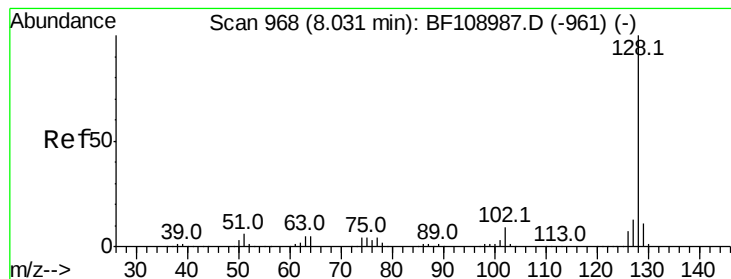
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 45.433 ng
RT: 7.95 min Scan# 954
Delta R.T. -0.00 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	325222		
182	100.5	76.8	115.2	
145	33.2	26.5	39.7	





#31

Naphthalene

Concen: 48.738 ng

RT: 8.02 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF109133.D

Acq: 19 Sep 2018 8:44

Instrument :

BNA_F

ClientSampleId :

PB112905BSD

Tot Ion:128 Resp: 1044074

Ion Ratio Lower Upper

128 100

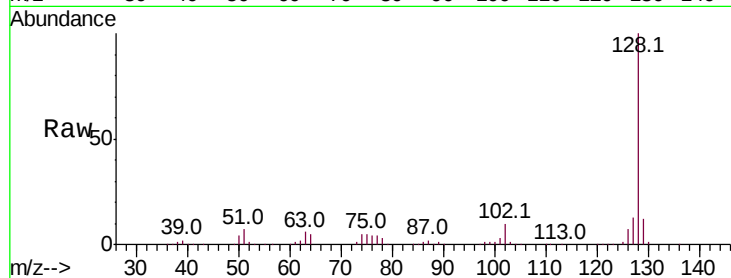
129 11.6 8.8 13.2

127 13.4 10.9 16.3

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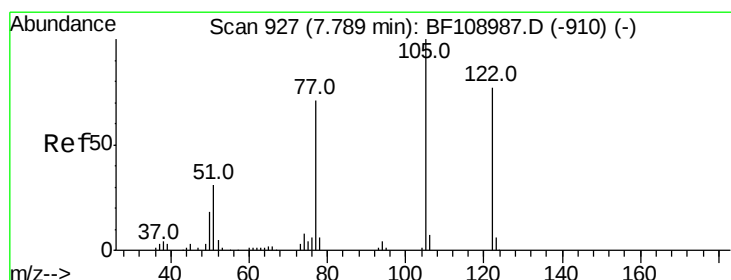
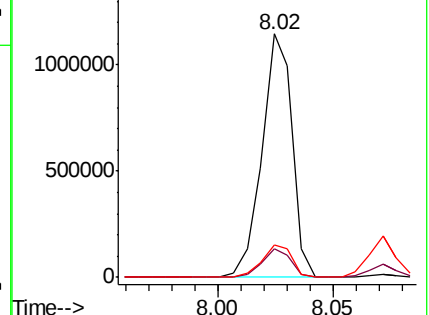
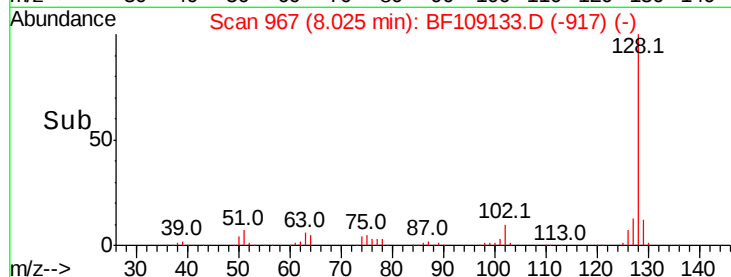
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.437 ng m

RT: 7.77 min Scan# 923

Delta R.T. -0.02 min

Lab File: BF109133.D

Acq: 19 Sep 2018 8:44

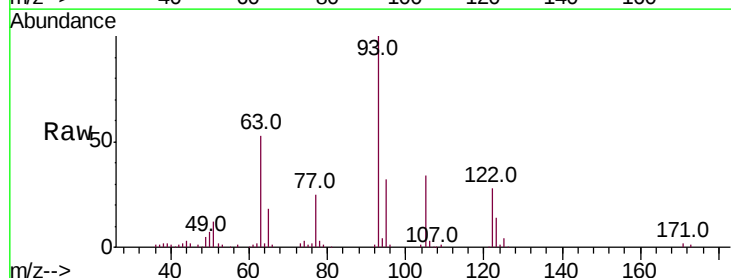
Tgt Ion:122 Resp: 127650

Ion Ratio Lower Upper

122 100

105 120.5 101.1 141.1

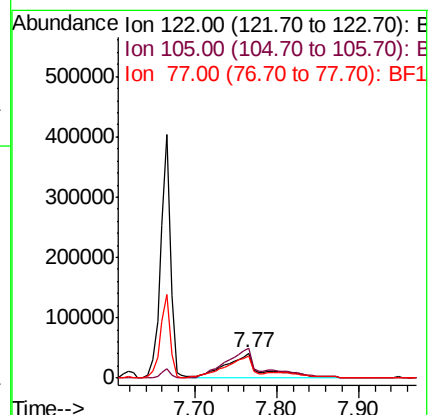
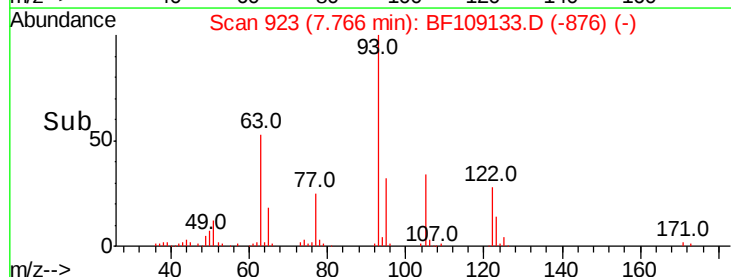
77 89.0 70.7 110.7

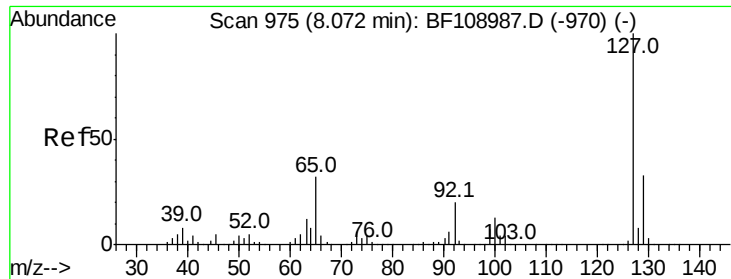


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





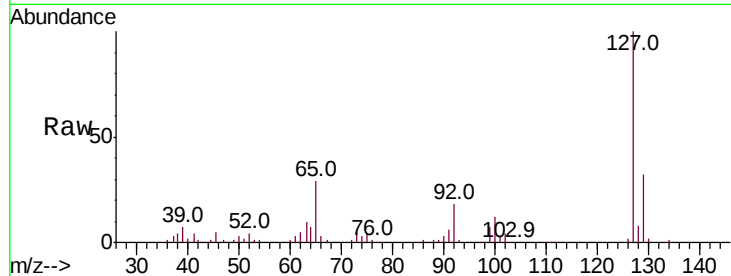
#33
4-Chloroaniline
Concen: 17.449 ng
RT: 8.07 min Scan# 975
Delta R.T. -0.00 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Instrument :
BNA_F
ClientSampleId :
PB112905BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.1	25.9	38.9		
65	29.2	25.0	37.4		
92	18.1	15.2	22.8		

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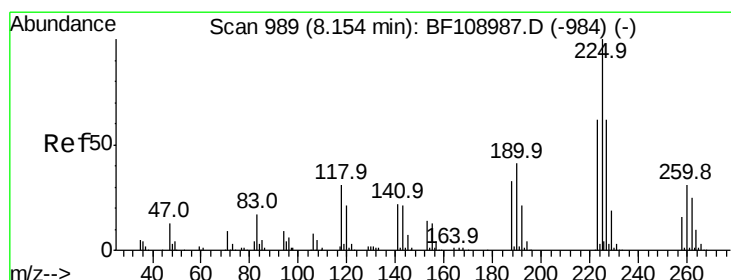
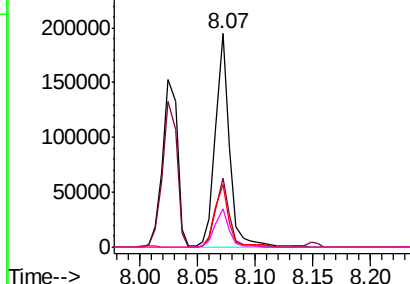
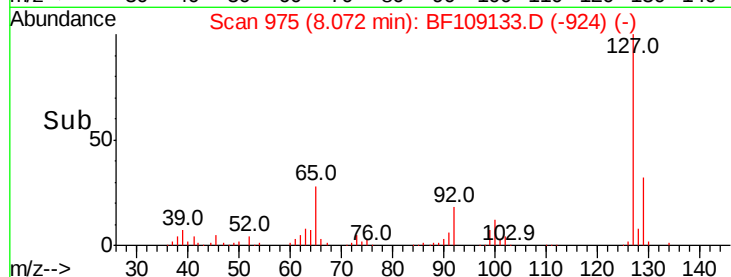
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

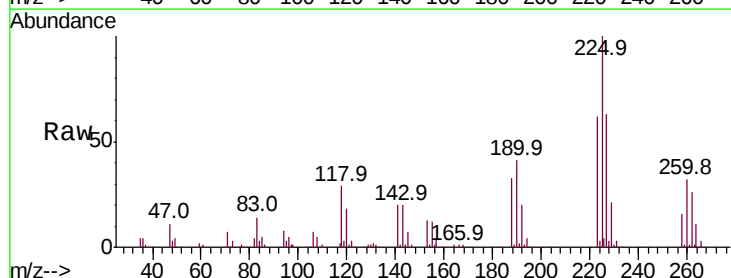
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 45.572 ng
RT: 8.15 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.9	50.6	76.0		
227	62.9	51.9	77.9		

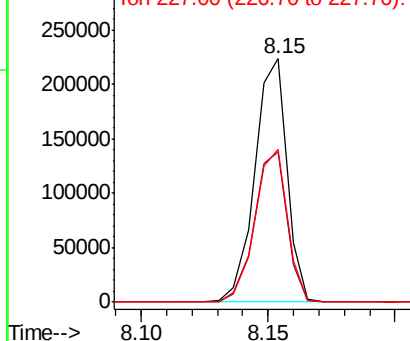
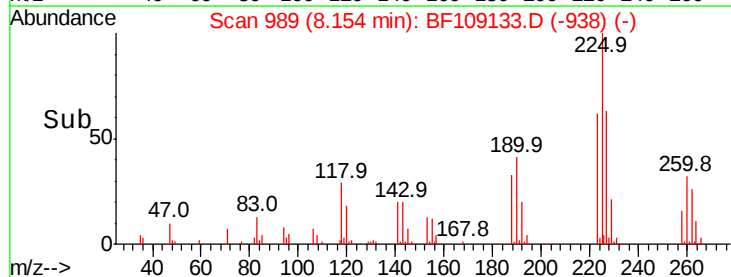


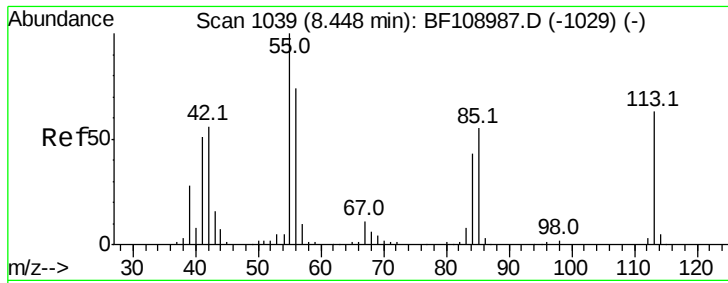
Abundance

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





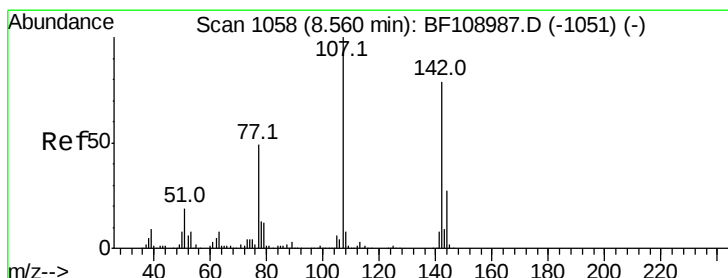
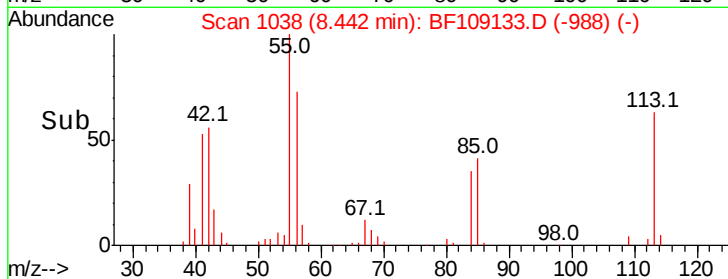
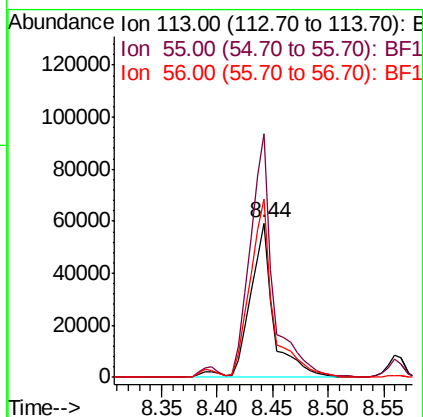
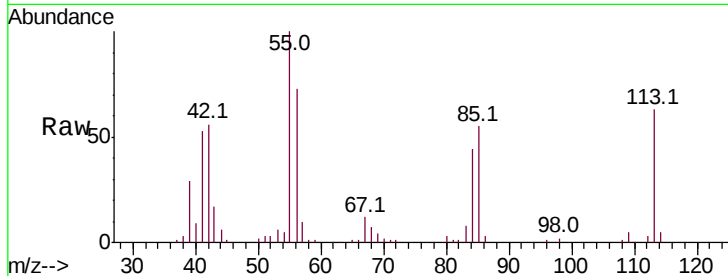
#35
 Caprolactam
 Concen: 40.468 ng/ml
 RT: 8.44 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF109133.D
 Acq: 19 Sep 2018 8:44

Instrument :
 BNA_F
 ClientSampleId :
 PB112905BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	158.0	163.3	203.3#
56	115.8	115.7	155.7

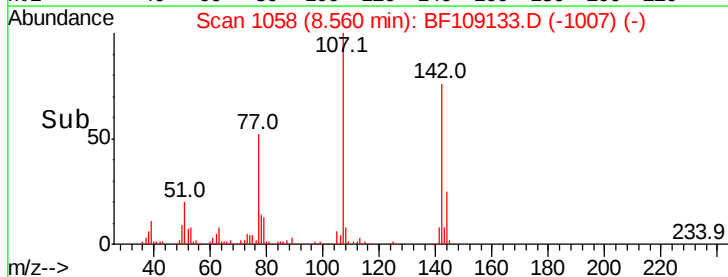
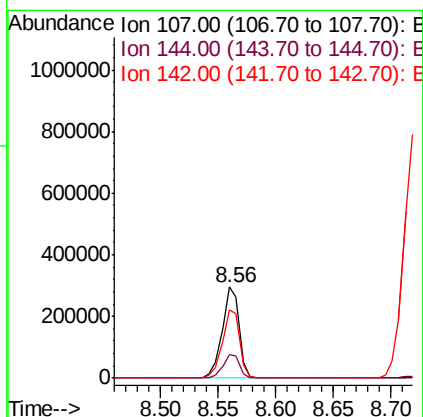
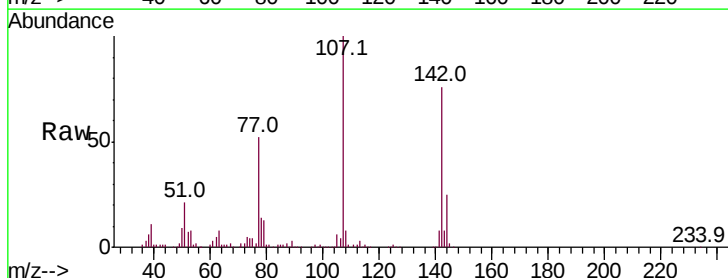
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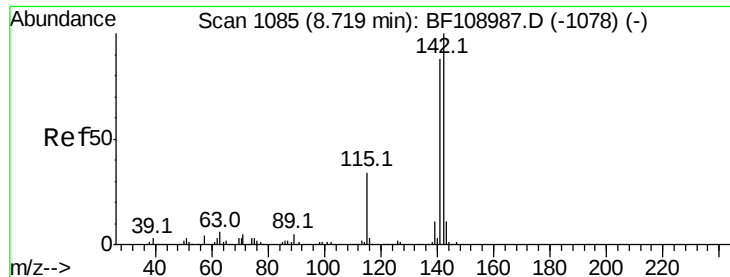
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#36
 4-Chloro-3-methylphenol
 Concen: 43.273 ng/ml
 RT: 8.56 min Scan# 1058
 Delta R.T. -0.00 min
 Lab File: BF109133.D
 Acq: 19 Sep 2018 8:44

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.1	20.5	30.7
142	75.7	62.0	93.0





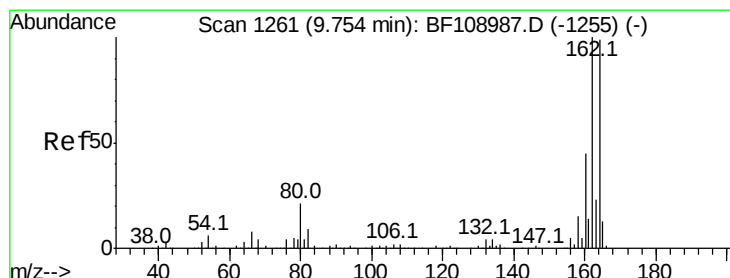
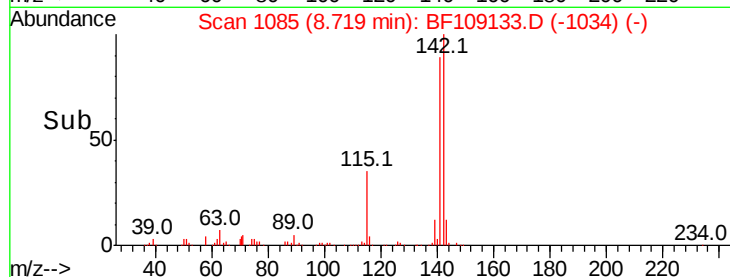
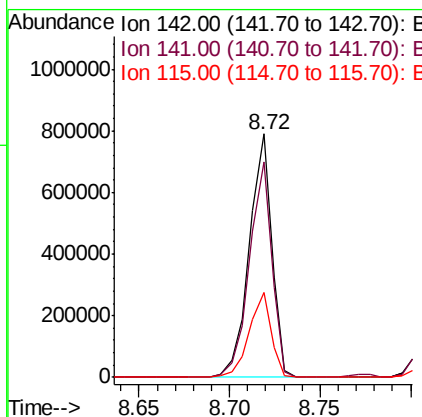
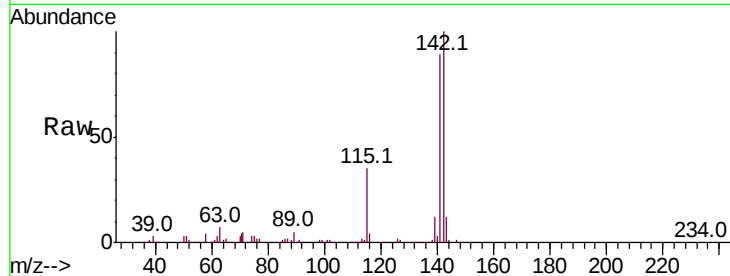
#37
2-Methylnaphthalene
Concen: 49.066 ng
RT: 8.72 min Scan# 1085
Delta R.T. -0.00 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Instrument :
BNA_F
ClientSampleId :
PB112905BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.8	106.2
115	34.7	26.1	39.1

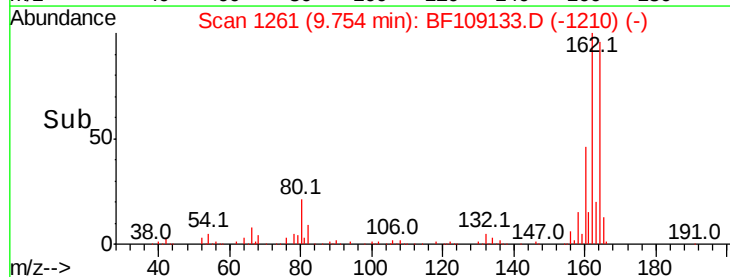
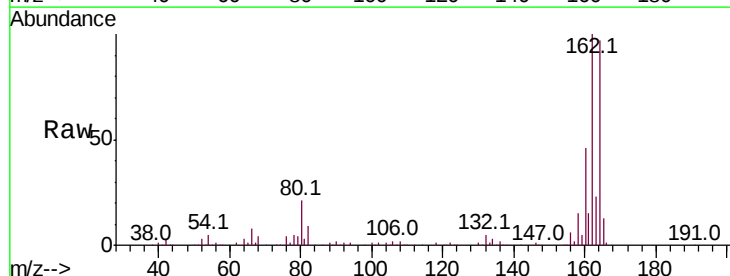
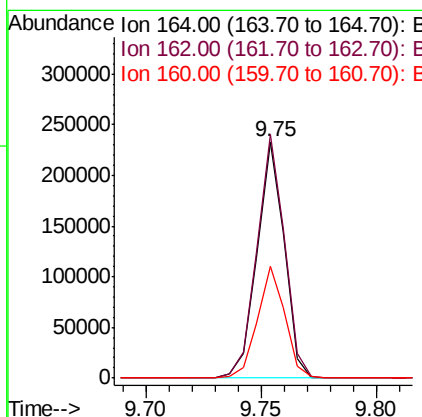
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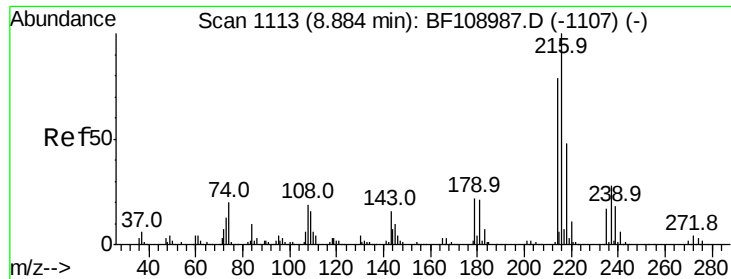
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	86.1	129.1
160	47.1	38.3	57.5





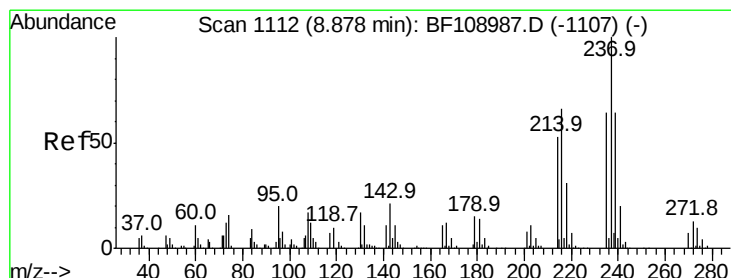
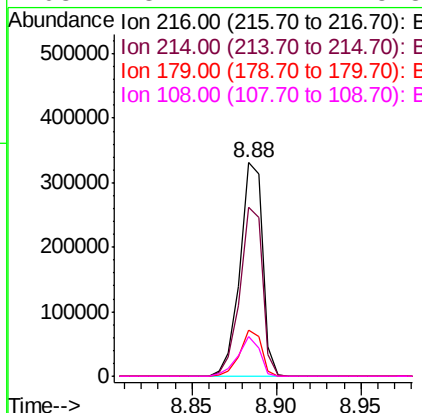
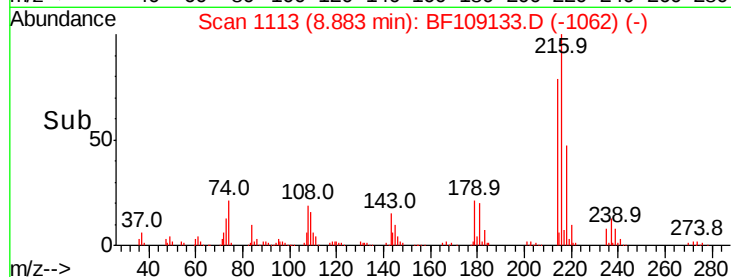
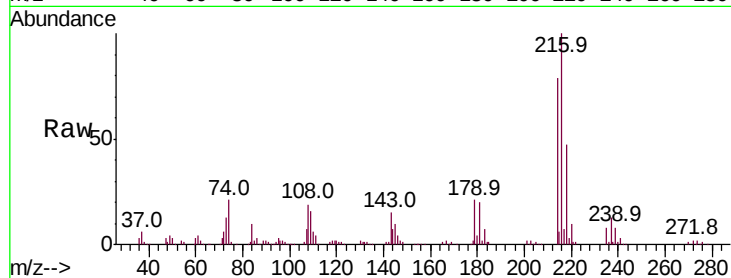
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 51.166 ng
 RT: 8.88 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: BF109133.D
 Acq: 19 Sep 2018 8:44

Instrument :
 BNA_F
 ClientSampleId :
 PB112905BSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	309381		
214	78.5	63.0	94.4	
179	20.7	18.1	27.1	
108	18.1	17.2	25.8	

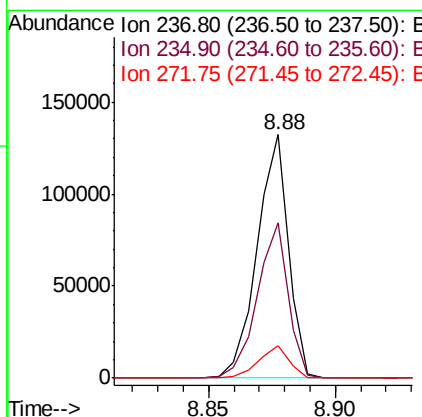
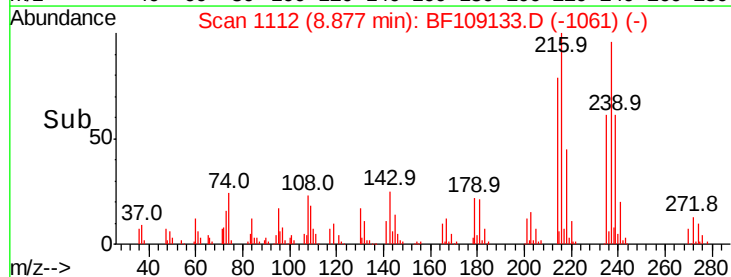
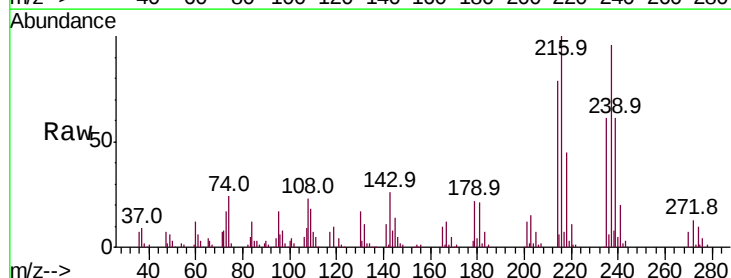
Manual Integrations
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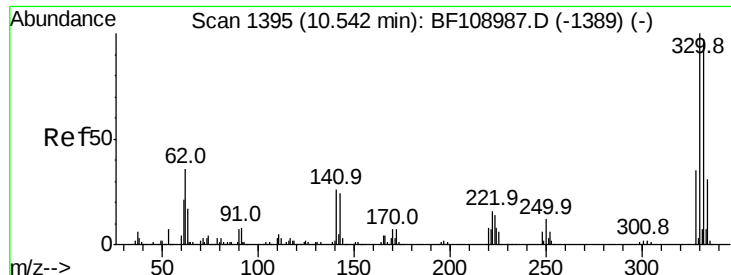
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#40
 Hexachlorocyclopentadiene
 Concen: 37.402 ng
 RT: 8.88 min Scan# 1112
 Delta R.T. -0.00 min
 Lab File: BF109133.D
 Acq: 19 Sep 2018 8:44

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	113947		
235	63.6	44.8	84.8	
272	13.2	0.0	33.3	





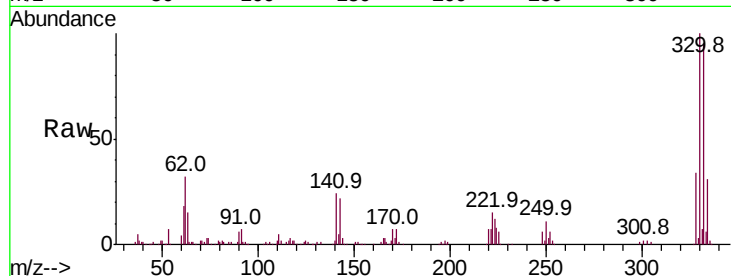
#41
 2,4,6-Tribromophenol
 Concen: 92.907 ng
 RT: 10.54 min Scan# 1395
 Delta R.T. -0.00 min
 Lab File: BF109133.D
 Acq: 19 Sep 2018 8:44

Instrument :
 BNA_F
 ClientSampleId :
 PB112905BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	193707		
332	95.7	77.0	115.6	
141	31.4	29.9	44.9	

Manual Integrations
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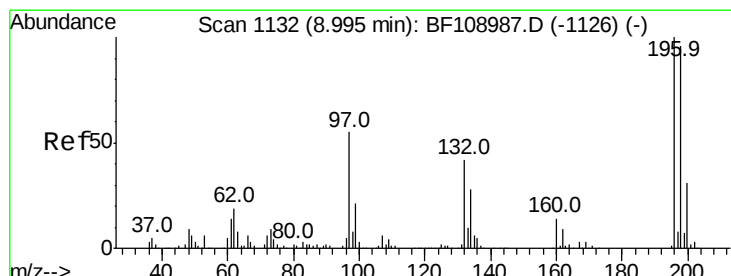
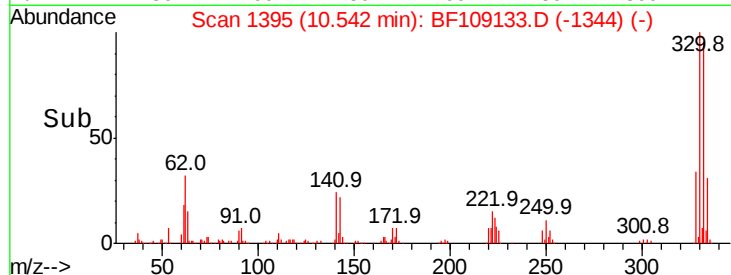
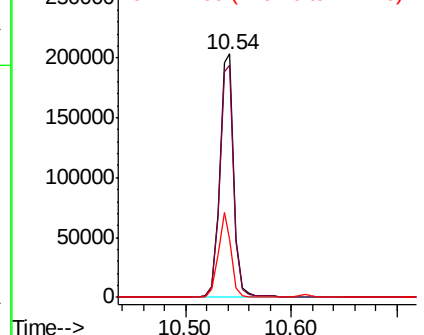


Abundance

Ion 329.80 (329.50 to 330.50): E

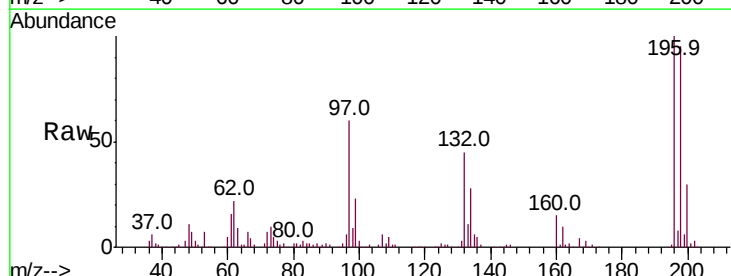
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 48.093 ng
 RT: 9.00 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: BF109133.D
 Acq: 19 Sep 2018 8:44

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	195463		
198	94.7	75.7	113.5	
200	30.0	24.5	36.7	

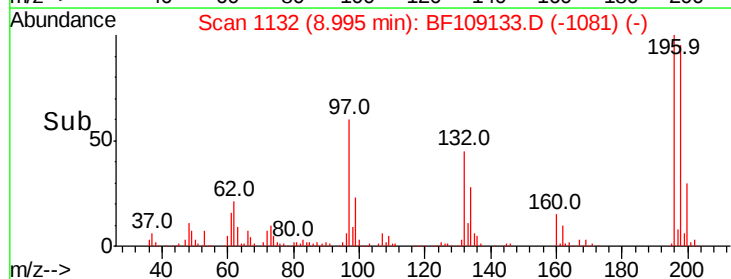
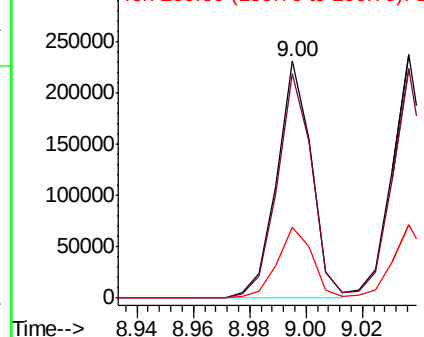


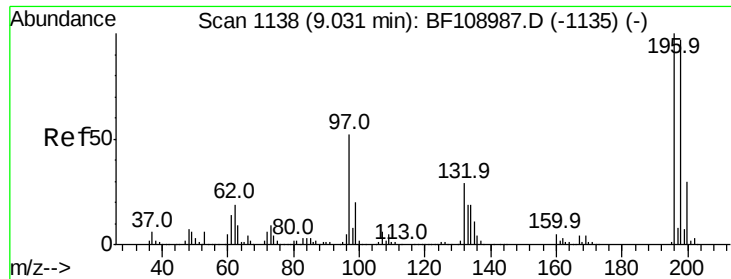
Abundance

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





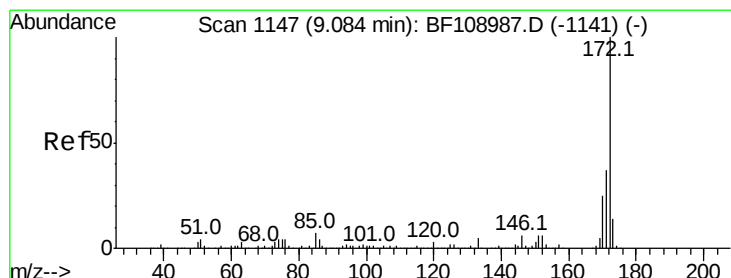
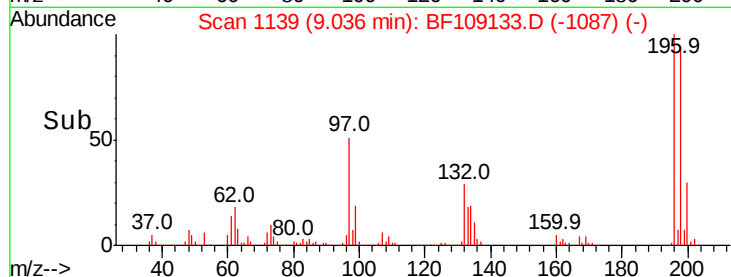
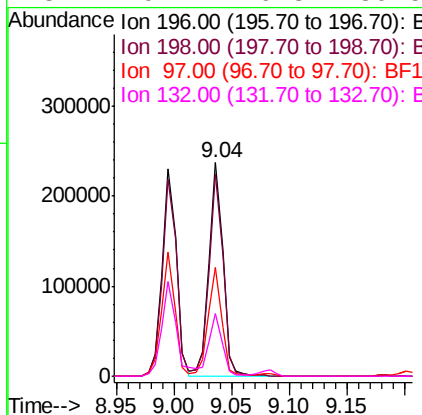
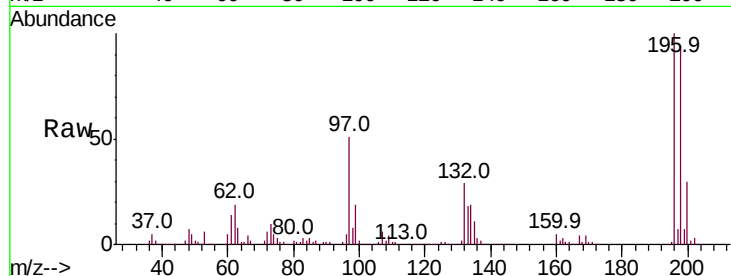
#43
 2,4,5-Trichlorophenol
 Concen: 47.728 ng
 RT: 9.04 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: BF109133.D
 Acq: 19 Sep 2018 8:44

Instrument :
 BNA_F
 ClientSampleId :
 PB112905BSD

Tot Ion:	196	Resp:	202707
Ion Ratio	Lower	Upper	
196	100		
198	94.5	74.6	112.0
97	51.0	42.9	64.3
132	29.2	26.3	39.5

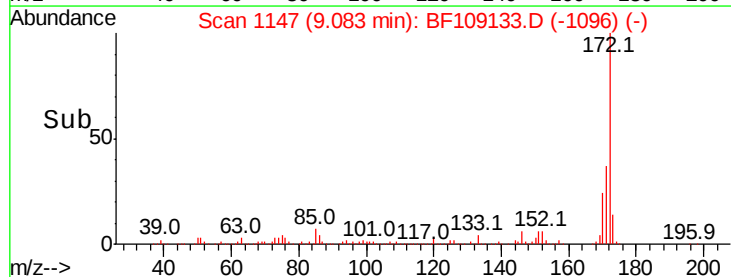
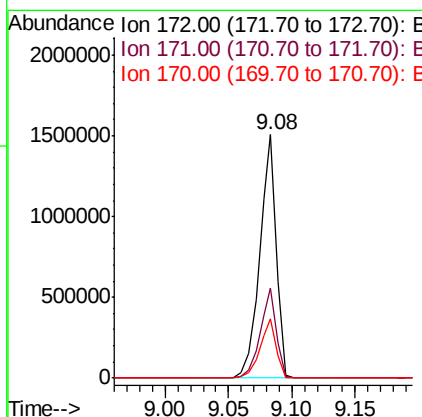
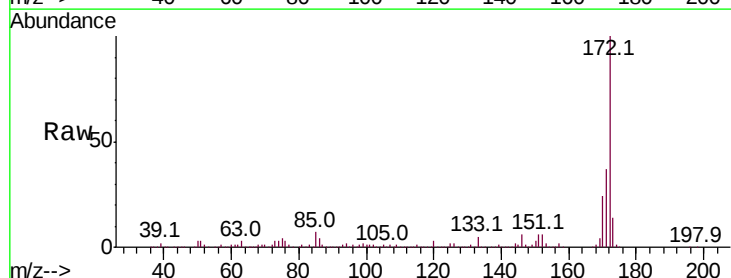
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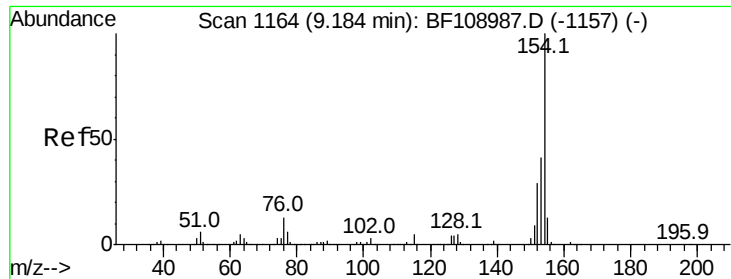
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 112.738 ng
 RT: 9.08 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BF109133.D
 Acq: 19 Sep 2018 8:44

Tgt Ion:	172	Resp:	1382408
Ion Ratio	Lower	Upper	
172	100		
171	37.0	29.7	44.5
170	24.4	19.6	29.4





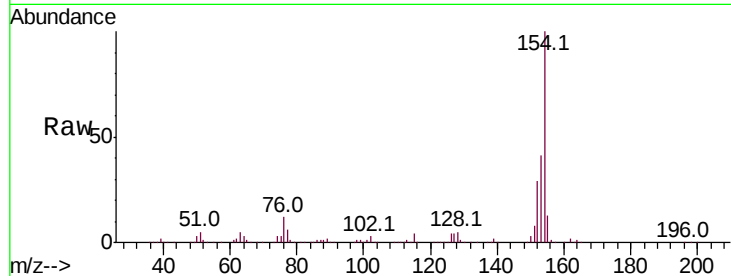
#45
 1,1'-Biphenyl
 Concen: 51.329 ng
 RT: 9.18 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BF109133.D
 Acq: 19 Sep 2018 8:44

Instrument :
 BNA_F
 ClientSampleId :
 PB112905BSD

Tot Ion	Ratio	Resp Lower	Upper
154	100		
153	40.6	21.3	61.3
76	11.8	0.0	34.0

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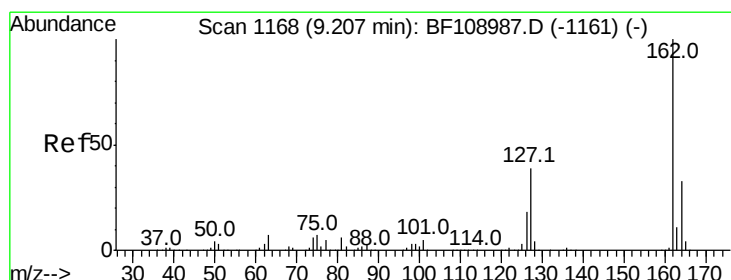
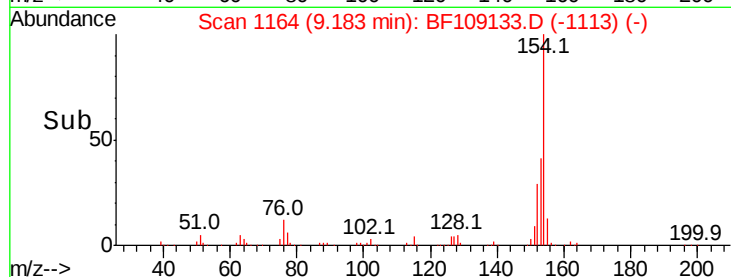
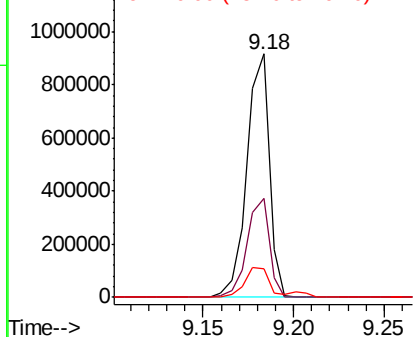


Abundance

Ion 154.00 (153.70 to 154.70): E

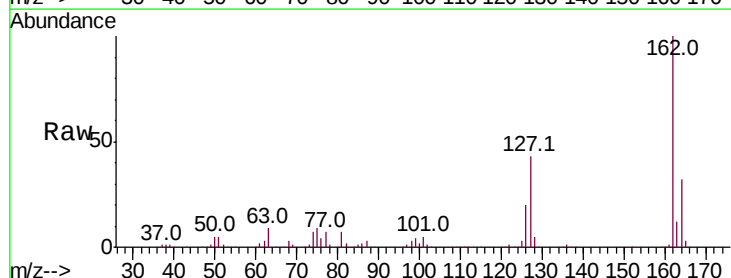
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46
 2-Chloronaphthalene
 Concen: 49.319 ng
 RT: 9.20 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BF109133.D
 Acq: 19 Sep 2018 8:44

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	42.5	33.9	50.9
164	32.2	26.5	39.7

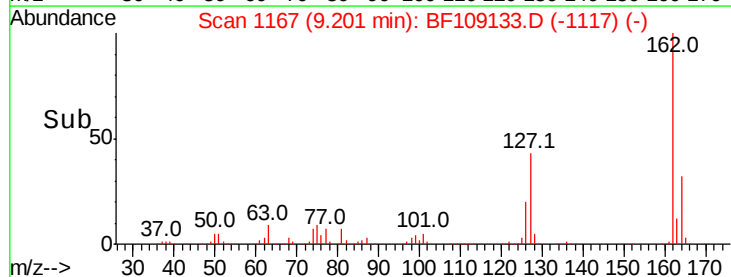
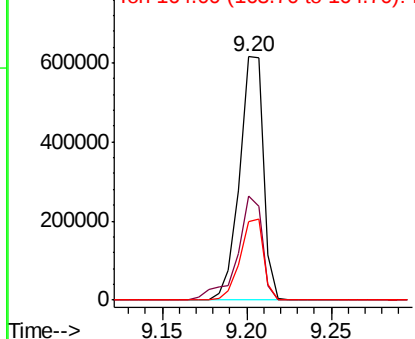


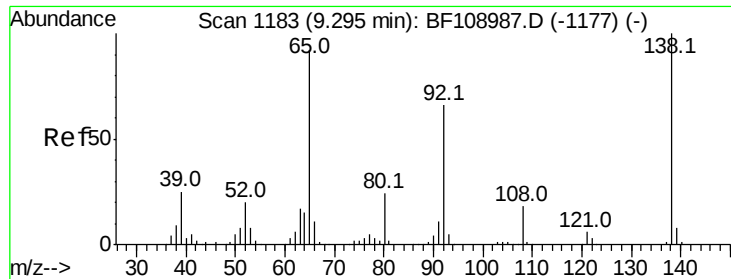
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





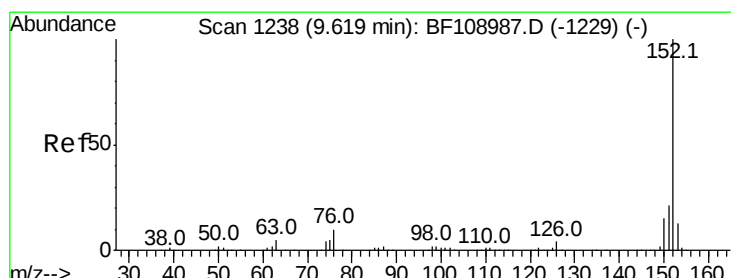
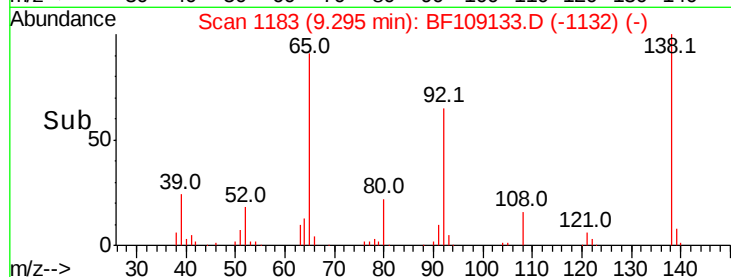
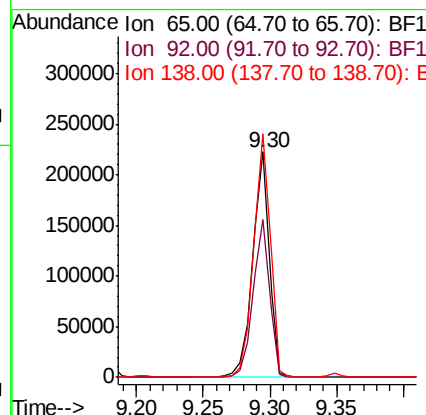
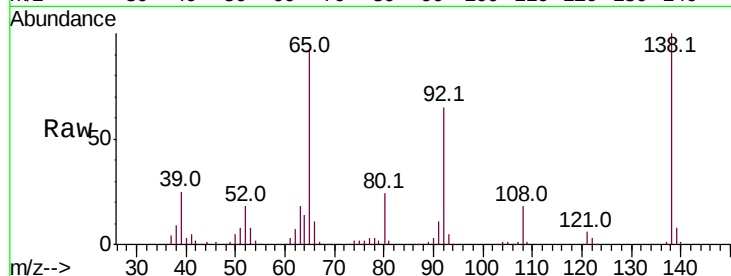
#47
2-Nitroaniline
Concen: 49.999 ng
RT: 9.30 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Instrument :
BNA_F
ClientSampleId :
PB112905BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.3	55.8	83.6
138	108.1	91.2	136.8

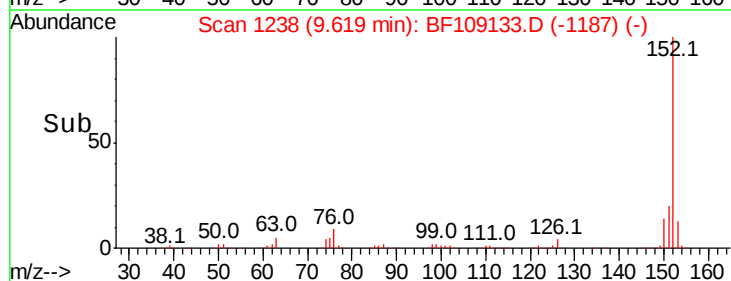
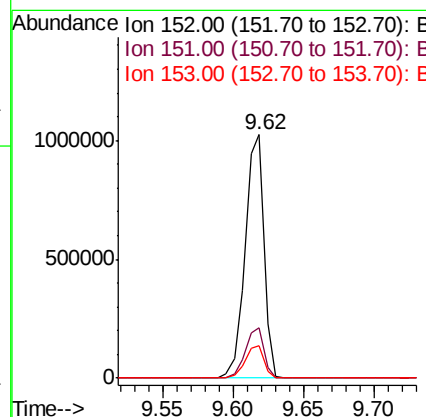
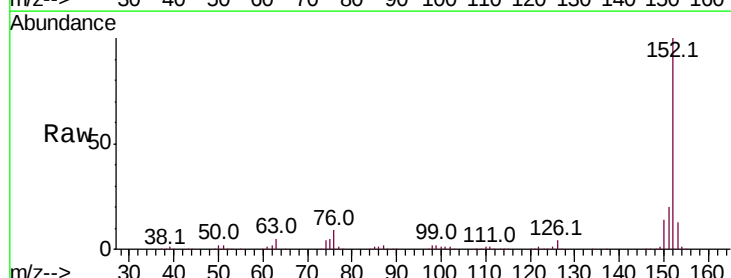
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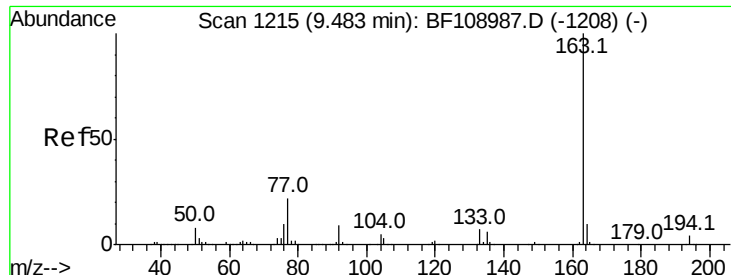
Sohil
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#48
Acenaphthylene
Concen: 50.916 ng
RT: 9.62 min Scan# 1238
Delta R.T. -0.00 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.2	10.7	16.1





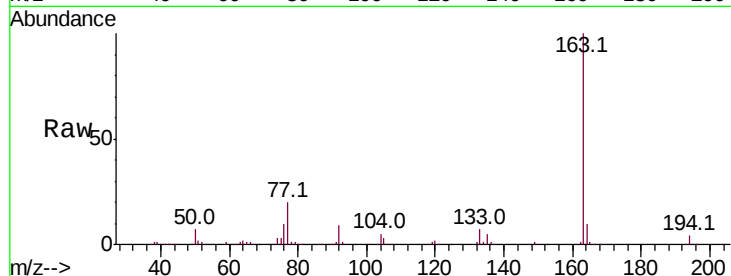
#49
Dimethylphthalate
Concen: 52.486 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.00 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Instrument :
BNA_F
ClientSampleID :
PB112905BSD

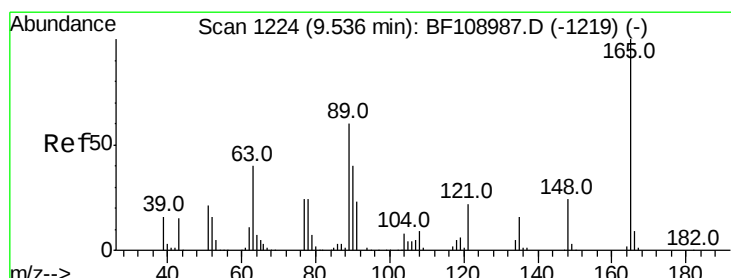
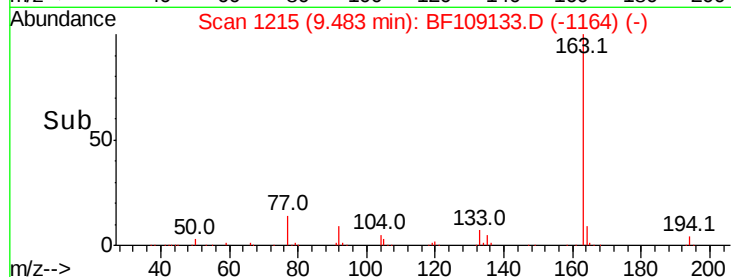
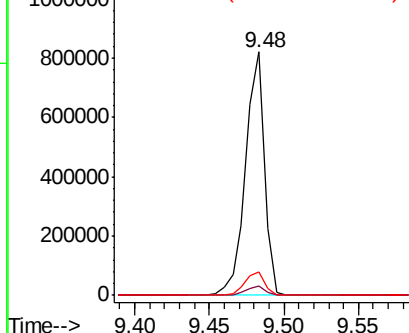
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.7	2.7	4.1	
164	9.7	8.2	12.2	

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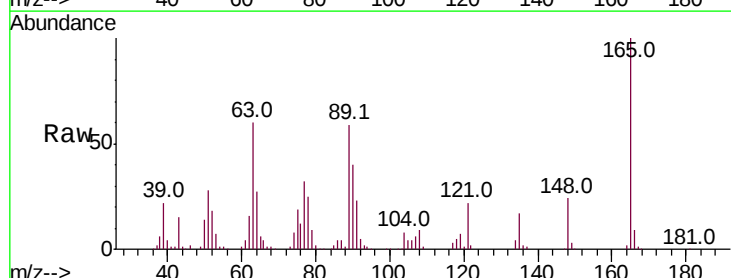


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

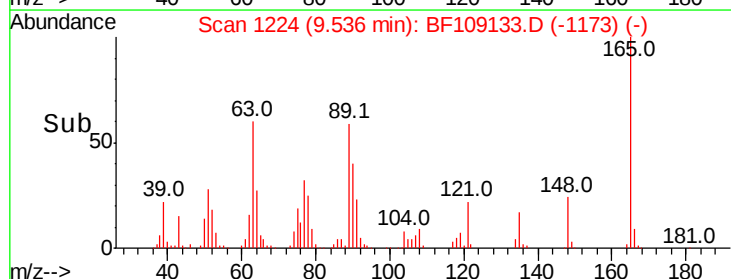
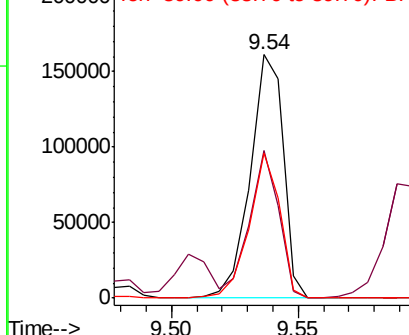


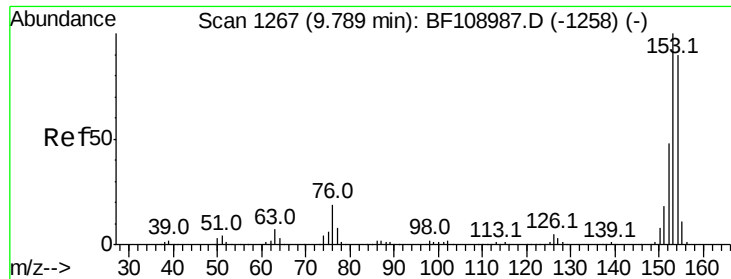
#50
2,6-Dinitrotoluene
Concen: 48.172 ng
RT: 9.54 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	60.4	44.7	67.1	
89	59.4	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: 47.215 ng

RT: 9.79 min Scan# 1267

Delta R.T. -0.00 min

Lab File: BF109133.D

Acq: 19 Sep 2018 8:44

Instrument :

BNA_F

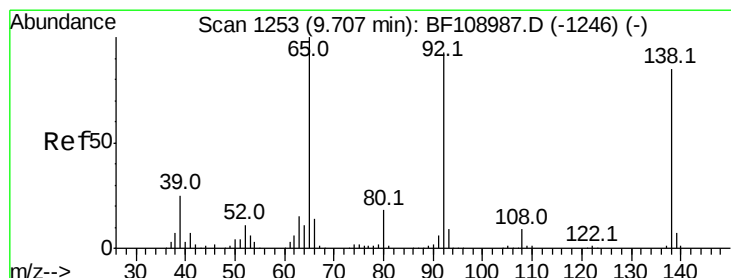
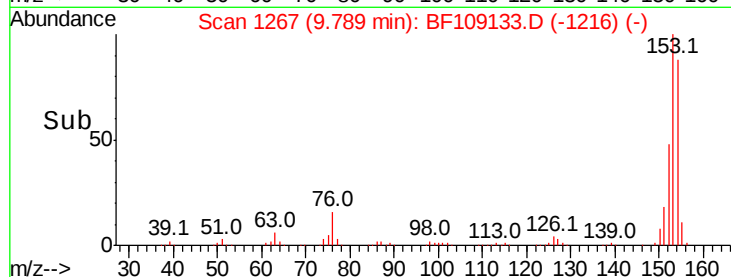
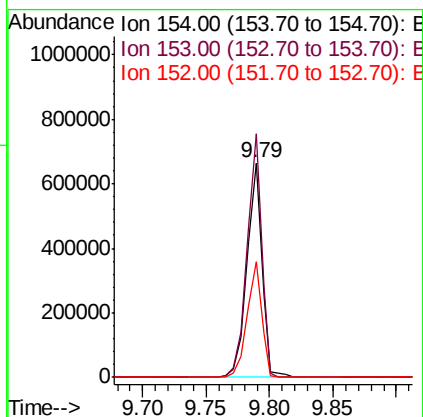
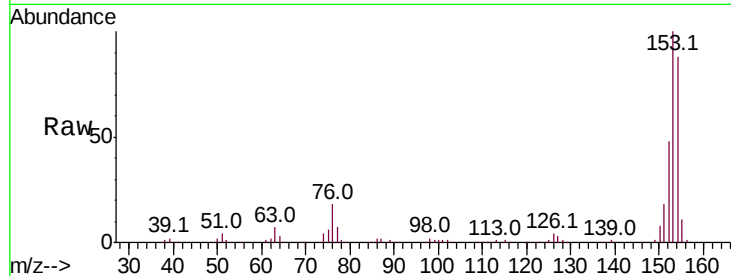
ClientSampled :

PB112905BSD

Tot Ion:	154	Resp:	545637
Ion Ratio	Lower	Upper	
154	100		
153	113.3	91.2	136.8
152	54.1	43.8	65.8

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#52

3-Nitroaniline

Concen: 35.705 ng

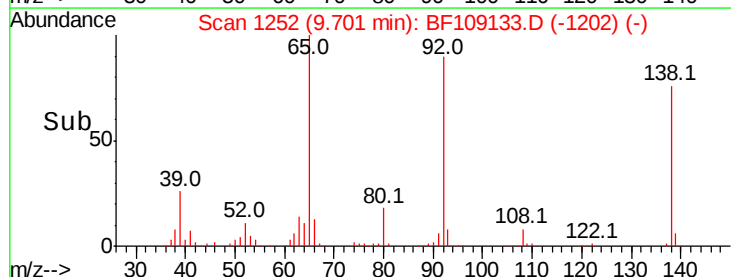
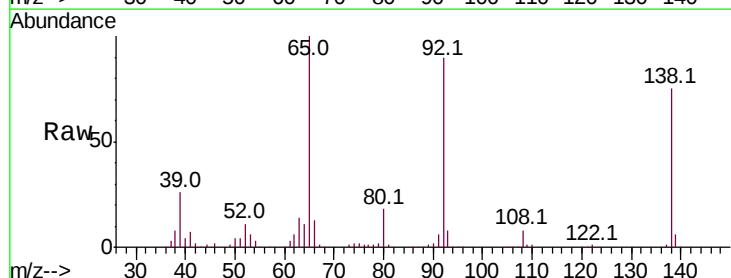
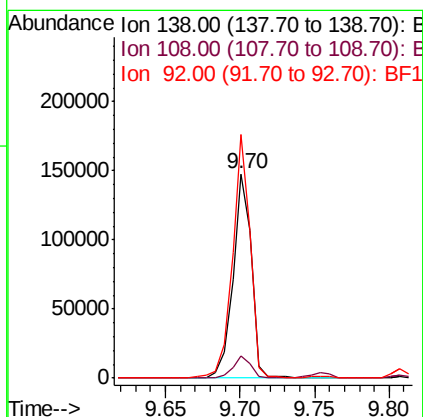
RT: 9.70 min Scan# 1252

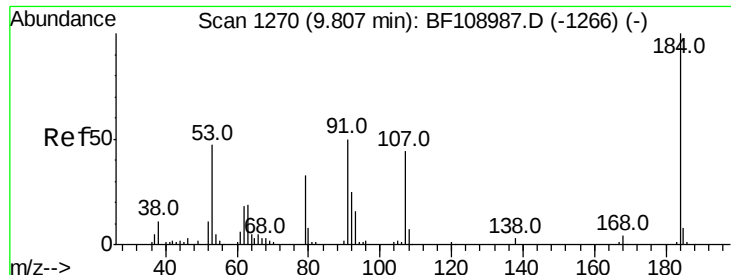
Delta R.T. -0.01 min

Lab File: BF109133.D

Acq: 19 Sep 2018 8:44

Tgt Ion:	138	Resp:	128027
Ion Ratio	Lower	Upper	
138	100		
108	10.7	9.4	14.0
92	119.3	89.4	134.2





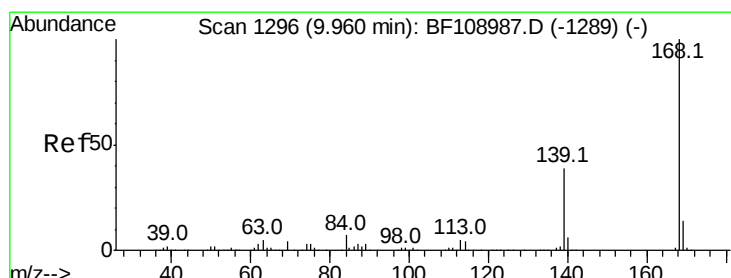
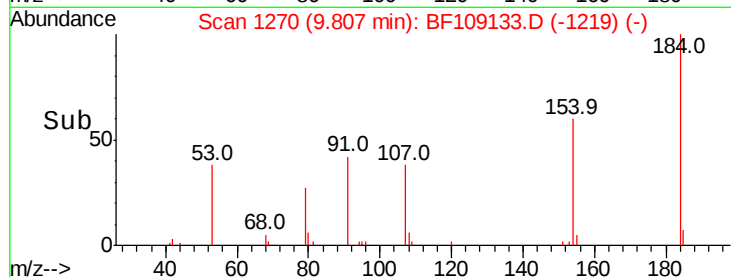
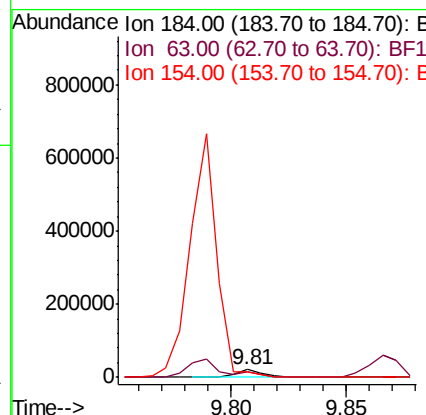
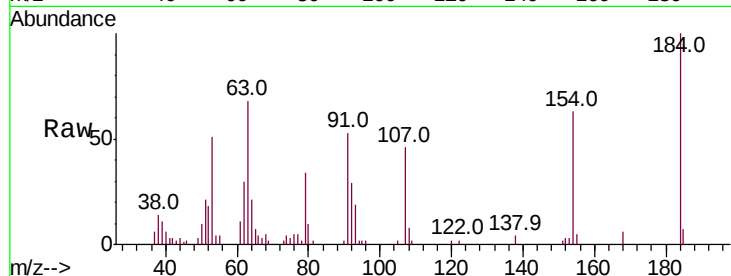
#53
 2,4-Dinitrophenol
 Concen: 15.105 ng
 RT: 9.81 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: BF109133.D
 Acq: 19 Sep 2018 8:44

Instrument :
 BNA_F
 ClientSampleId :
 PB112905BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	67.6	54.2	81.2
154	62.6	184.0	276.0#

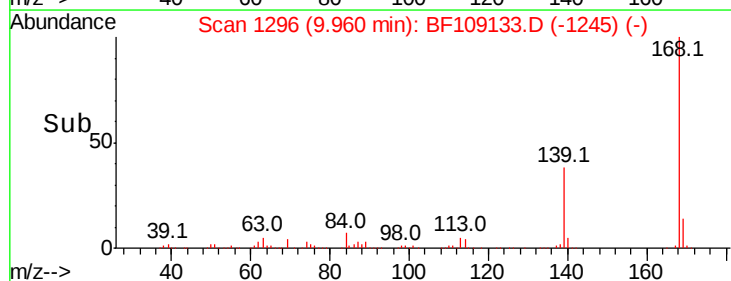
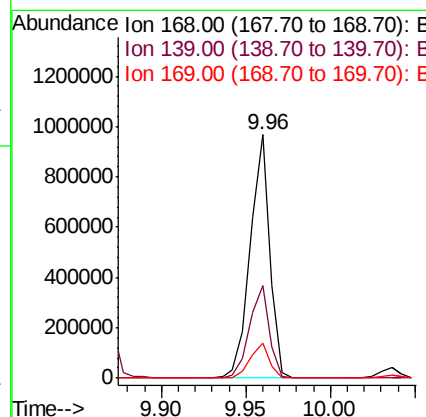
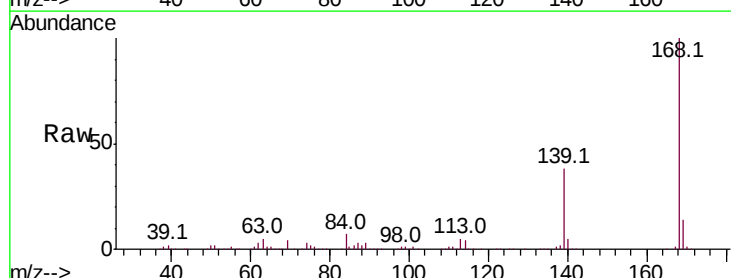
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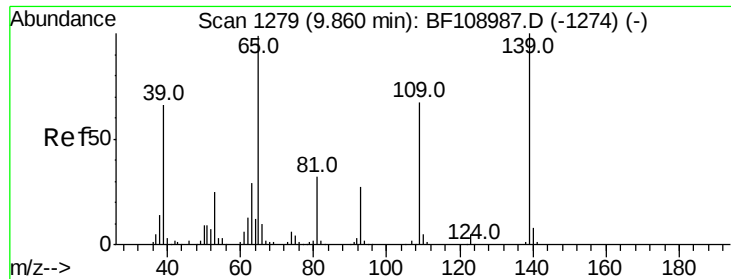
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#54
 Dibenzofuran
 Concen: 46.863 ng
 RT: 9.96 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BF109133.D
 Acq: 19 Sep 2018 8:44

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.2	30.1	45.1
169	14.3	10.9	16.3





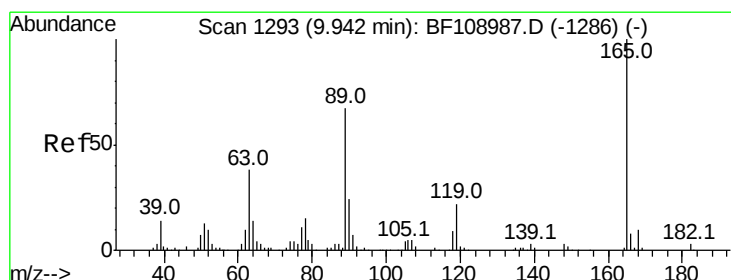
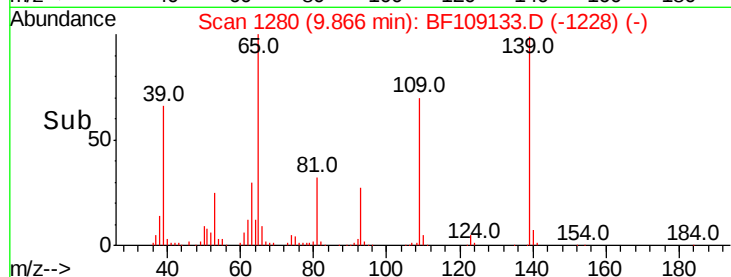
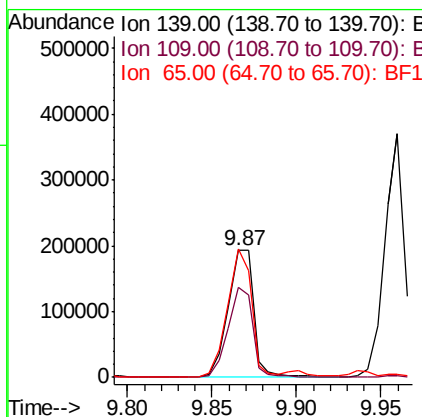
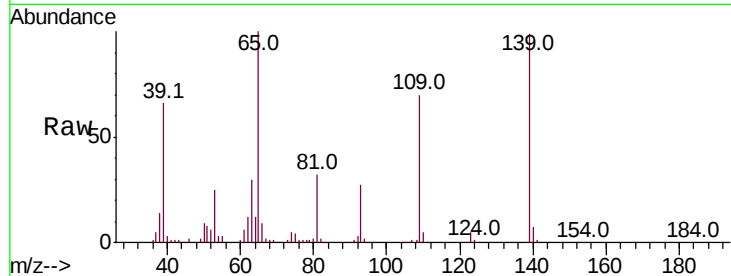
#55
4-Nitrophenol
Concen: 77.355 ng
RT: 9.87 min Scan# 1280
Delta R.T. 0.01 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Instrument :
BNA_F
ClientSampleId :
PB112905BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	70.4	48.4	88.4	
65	101.3	72.6	112.6	

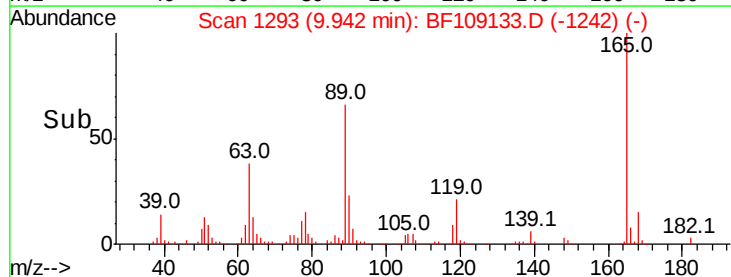
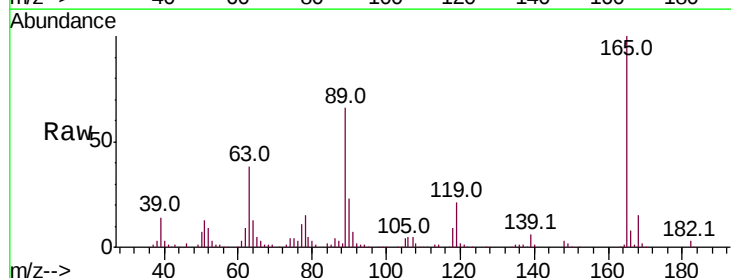
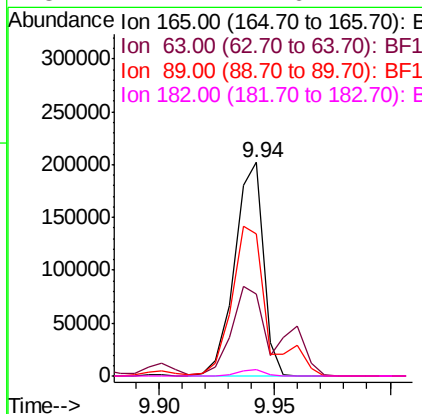
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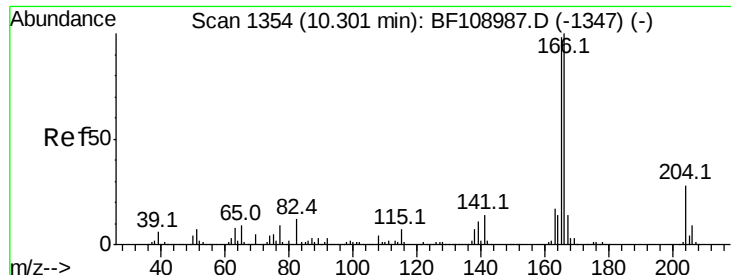
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#56
2,4-Dinitrotoluene
Concen: 44.349 ng
RT: 9.94 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	38.5	36.4	54.6	
89	66.3	57.8	86.6	
182	2.7	1.6	2.4	#





#57

Fluorene

Concen: 50.435 ng

RT: 10.30 min Scan# 1354

Delta R.T. -0.00 min

Lab File: BF109133.D

Acq: 19 Sep 2018 8:44

Instrument :

BNA_F

ClientSampleId :

PB112905BSD

Tot Ion:166 Resp: 561289

Ion Ratio Lower Upper

166 100

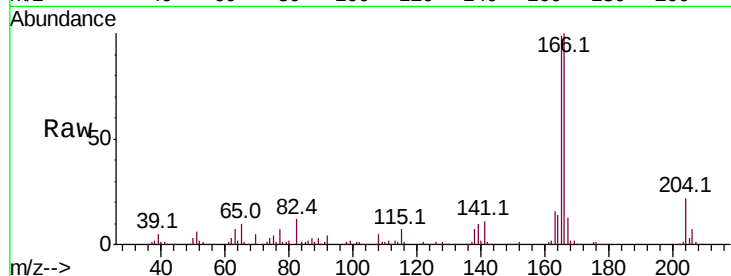
165 98.6 79.8 119.8

167 13.2 10.6 16.0

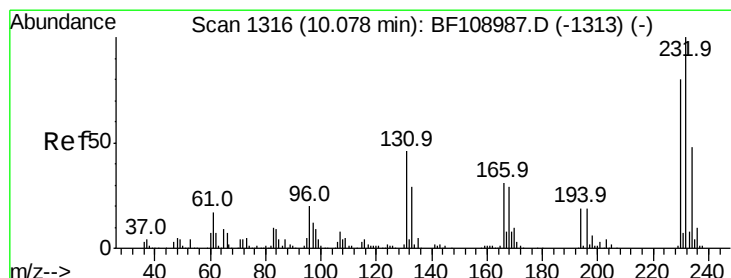
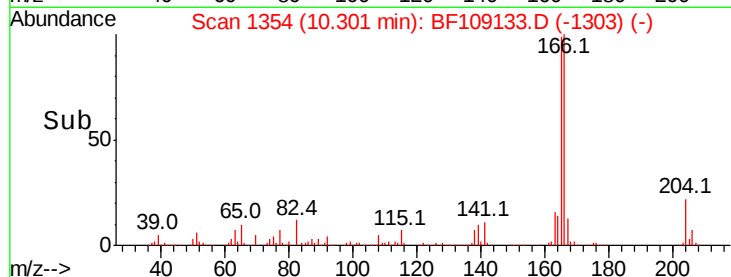
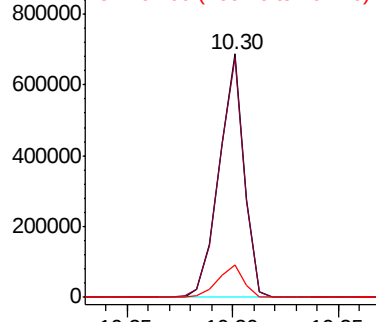
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.465 ng

RT: 10.08 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BF109133.D

Acq: 19 Sep 2018 8:44

Tgt Ion:232 Resp: 156370

Ion Ratio Lower Upper

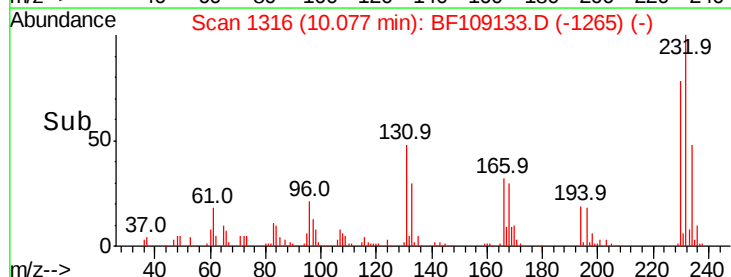
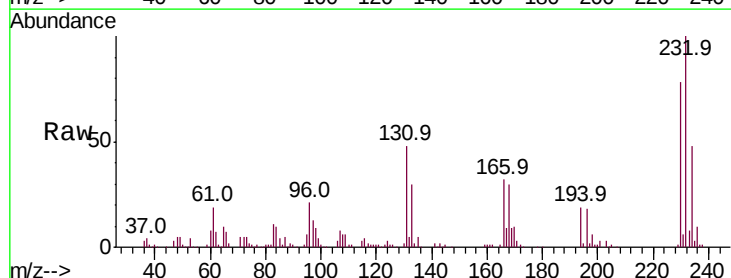
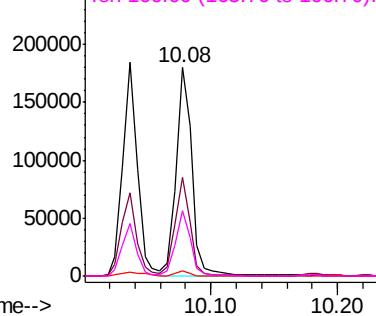
232 100

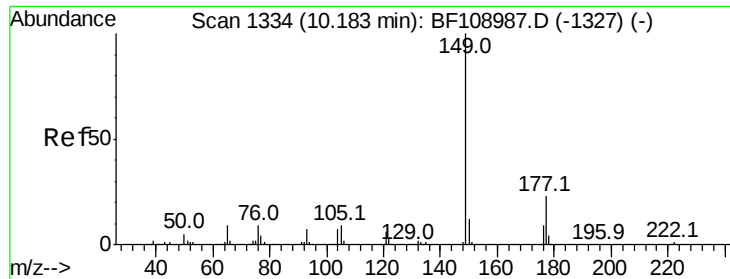
131 44.9 43.8 65.8

130 2.2 2.1 3.1

166 30.1 27.8 41.6

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





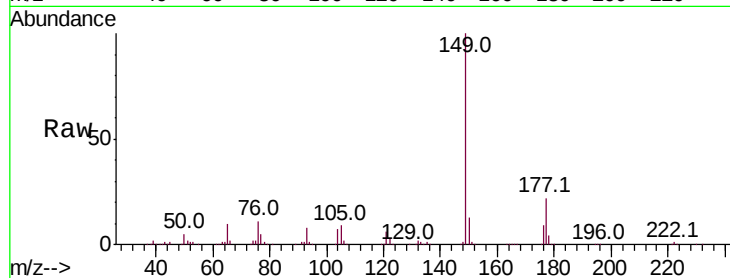
#59
Diethylphthalate
Concen: 49.086 ng
RT: 10.18 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Instrument :
BNA_F
ClientSampleId :
PB112905BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	680636		
177	21.8	16.1	24.1	
150	12.8	10.1	15.1	

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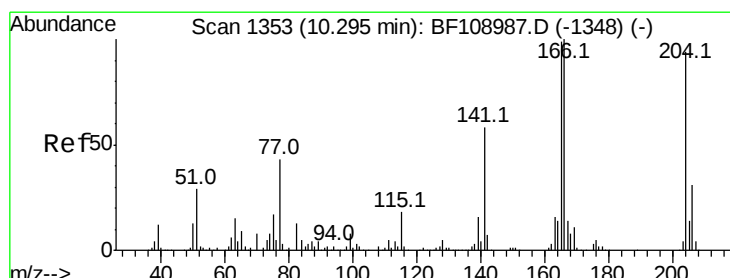
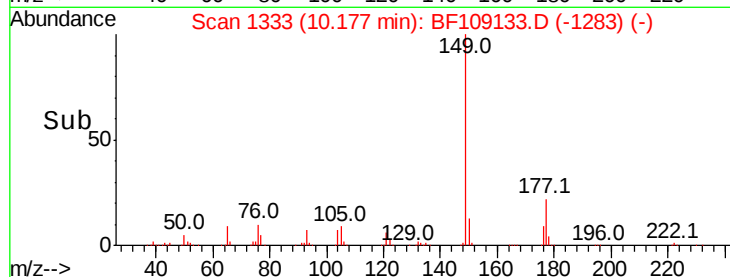
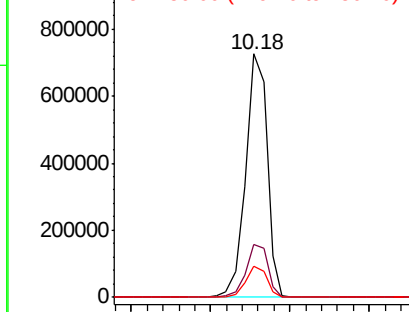


Abundance

Ion 149.00 (148.70 to 149.70): E

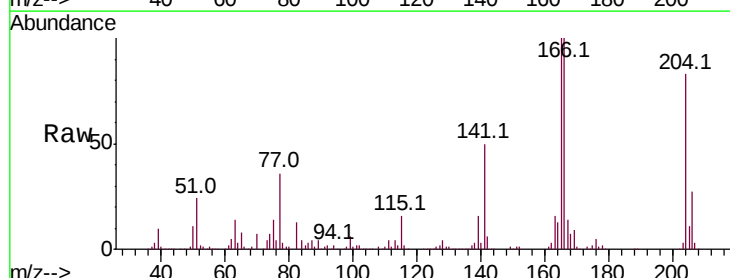
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60
4-Chlorophenyl-phenylether
Concen: 47.408 ng
RT: 10.30 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	282510		
206	32.8	26.5	39.7	
141	60.5	54.6	81.8	

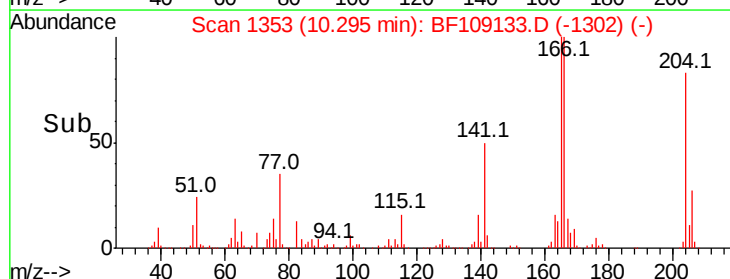
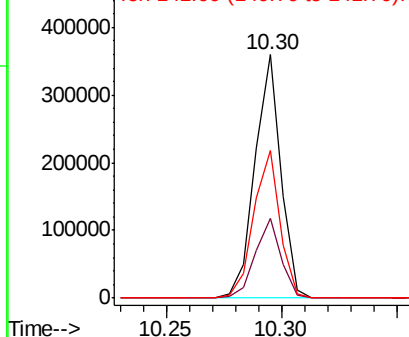


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





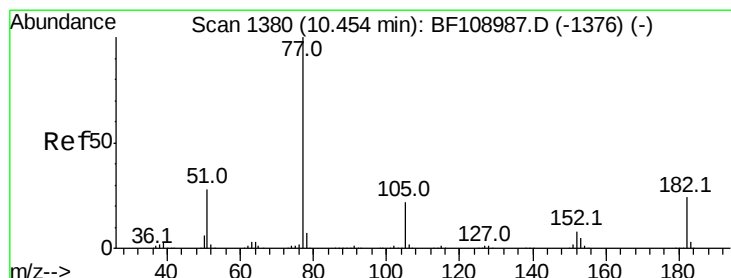
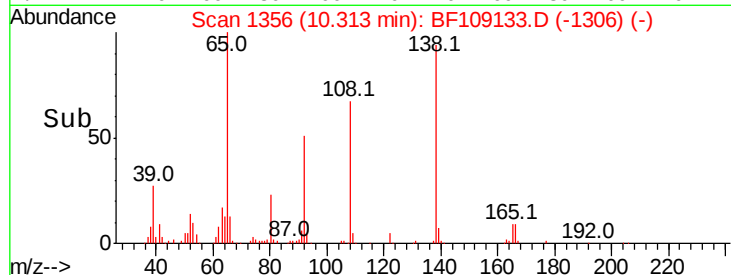
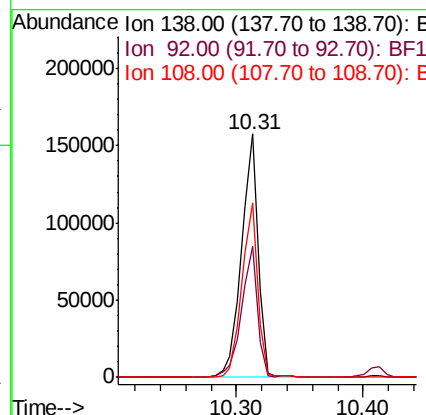
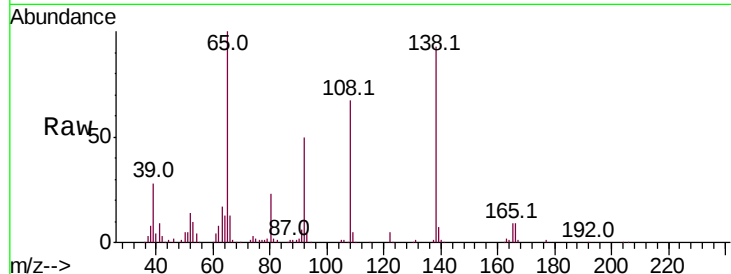
#61
4-Nitroaniline
Concen: 41.497 ng
RT: 10.31 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Instrument :
BNA_F
ClientSampleId :
PB112905BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	54.0	30.2	70.2
108	71.5	52.5	92.5

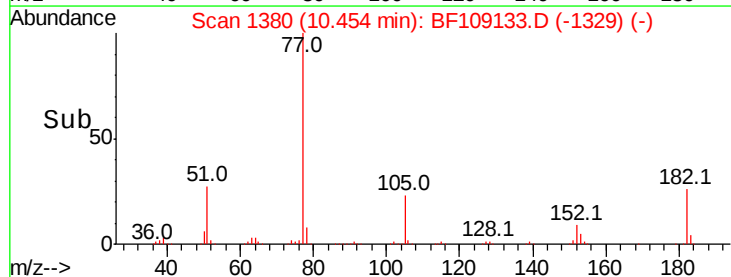
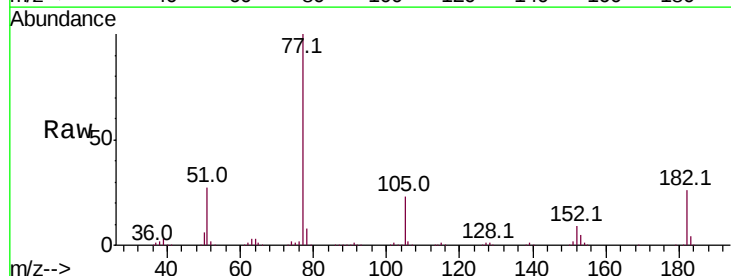
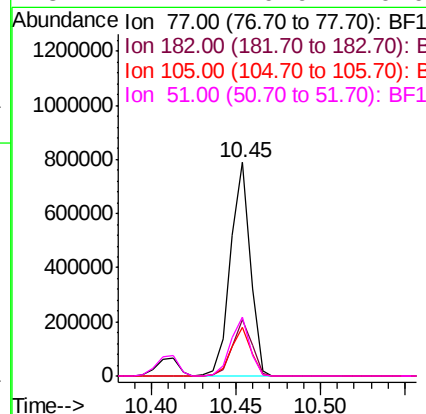
Manual Integrations
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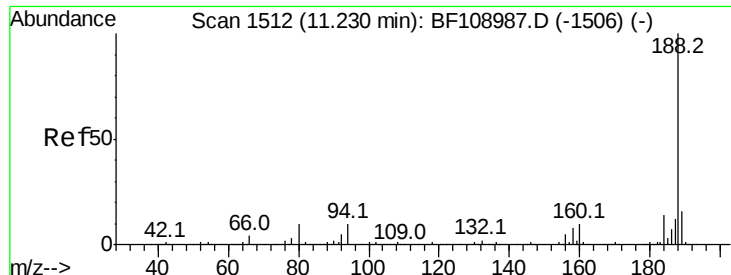
Sohil
9/19/2018 4:24:18 PM



#62
Azobenzene
Concen: 44.980 ng
RT: 10.45 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.2	1.7	41.7
105	22.8	3.0	43.0
51	27.4	9.9	49.9





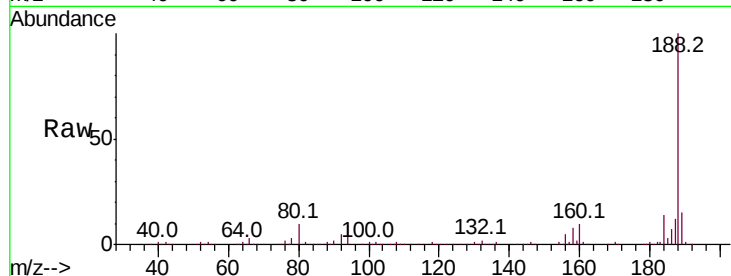
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Instrument :
BNA_F
ClientSampleId :
PB112905BSD

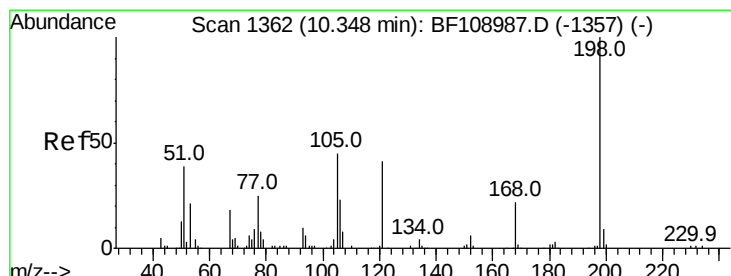
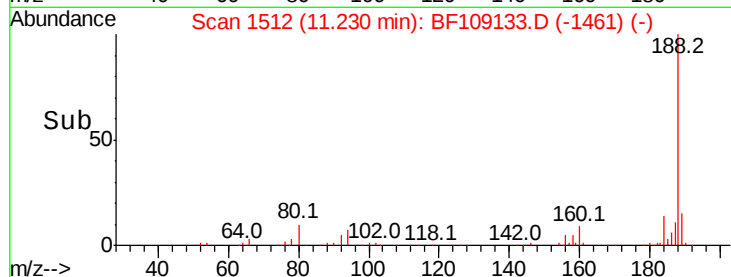
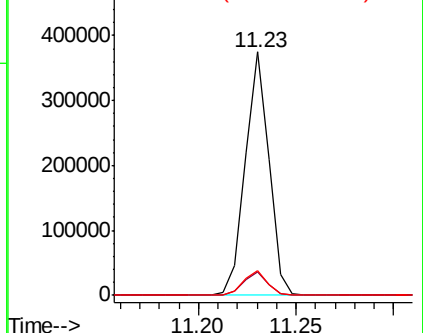
Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.5	8.5	12.7
80	10.3	9.2	13.8

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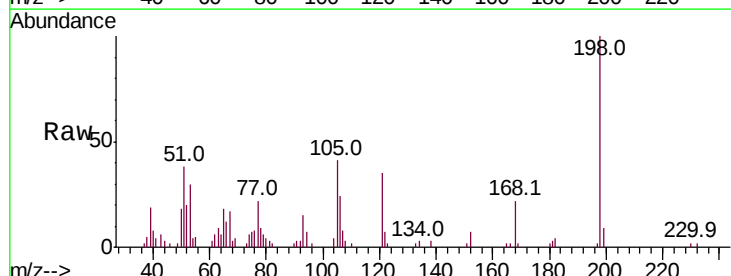


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

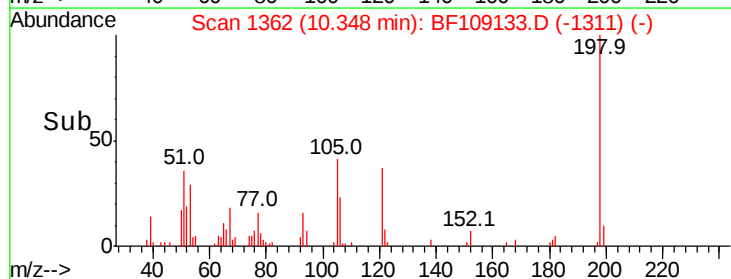
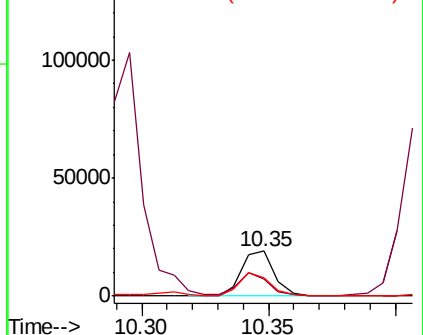


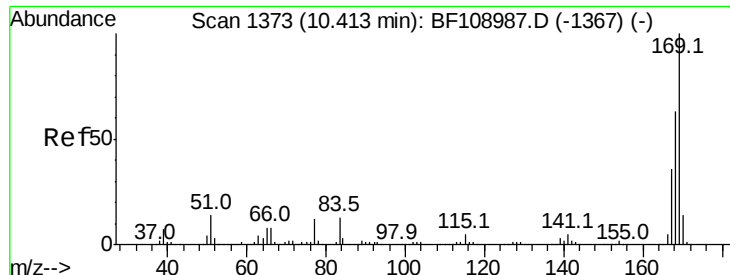
#64
4,6-Dinitro-2-methylphenol
Concen: 11.381 ng
RT: 10.35 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	38.0	37.7	77.7
105	40.7	36.3	76.3



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





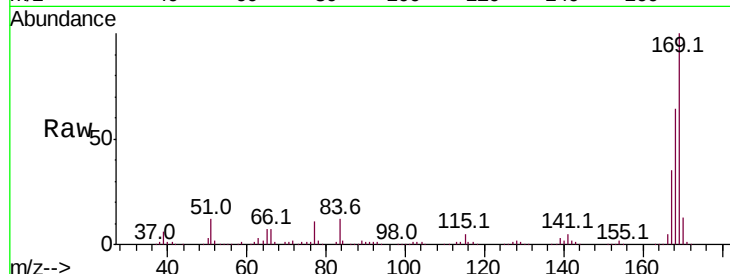
#65
n-Nitrosodiphenylamine
Concen: 52.400 ng
RT: 10.41 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Instrument :
BNA_F
ClientSampleId :
PB112905BSD

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

Manual Integrations
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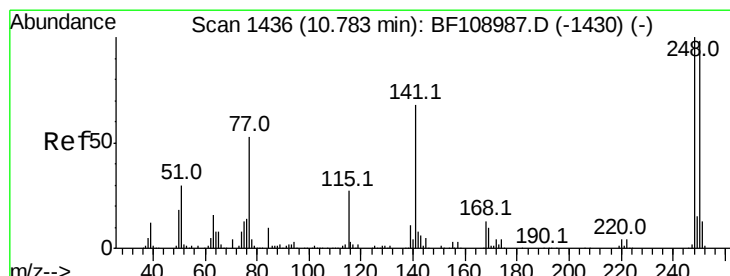
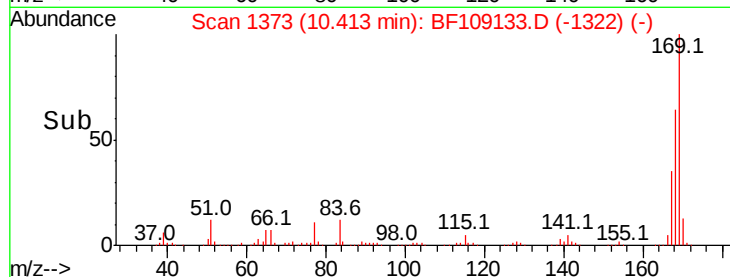
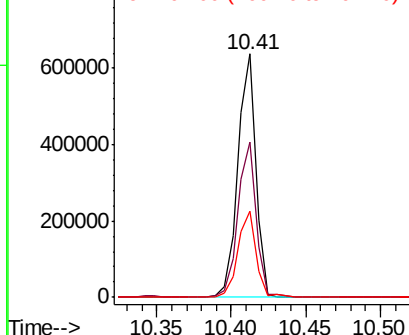


Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
4-Bromophenyl-phenylether
Concen: 50.875 ng
RT: 10.78 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

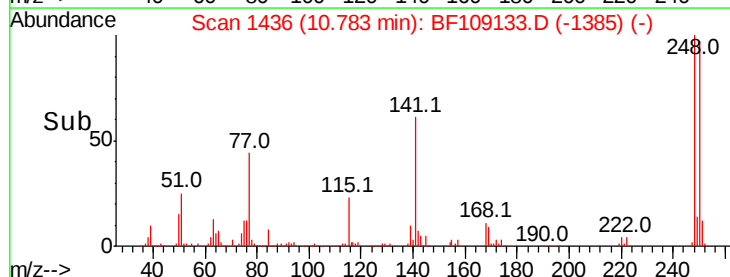
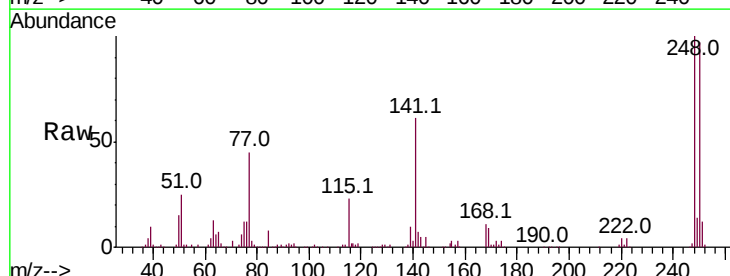
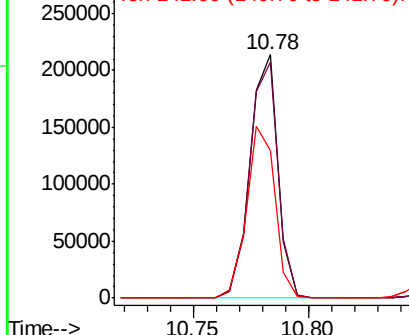
Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	96.8	76.9	115.3	
141	60.8	74.4	111.6	

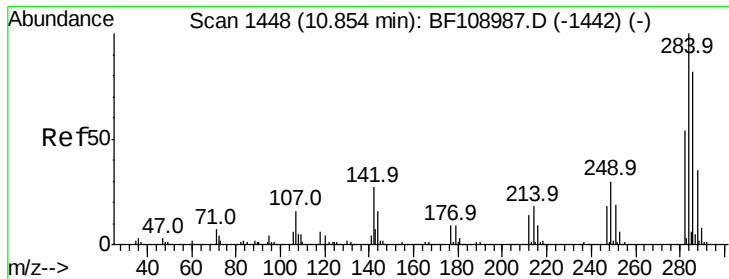
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





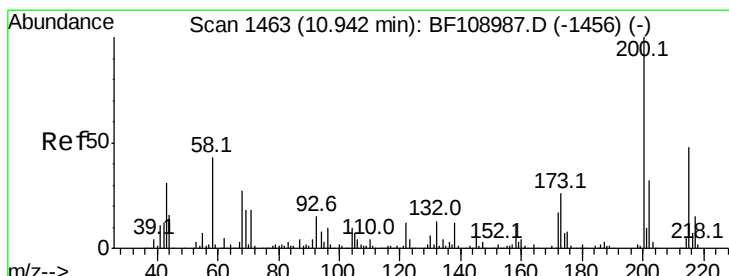
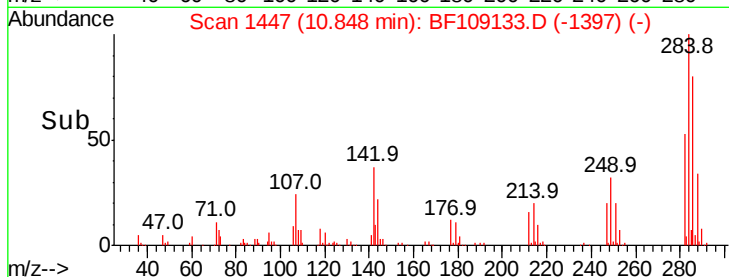
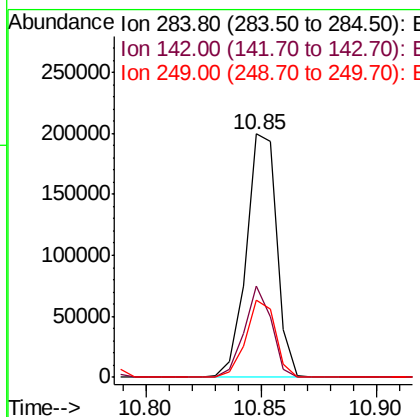
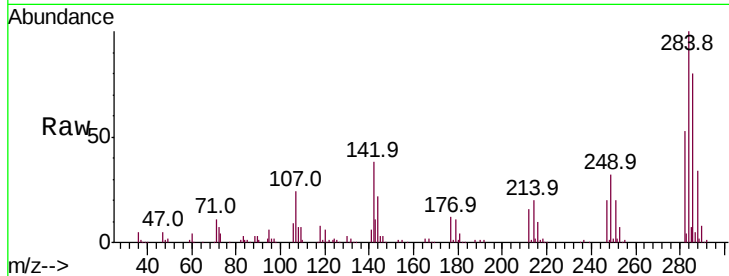
#67
Hexachlorobenzene
Concen: 48.507 ng
RT: 10.85 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Instrument :
BNA_F
ClientSampleId :
PB112905BSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	37.5	34.6	52.0	
249	31.9	24.8	37.2	

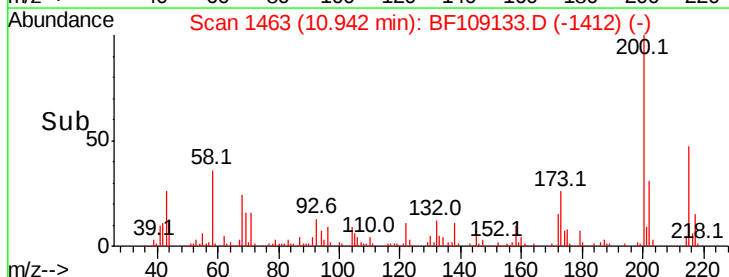
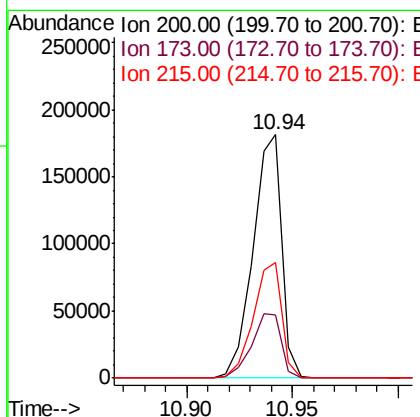
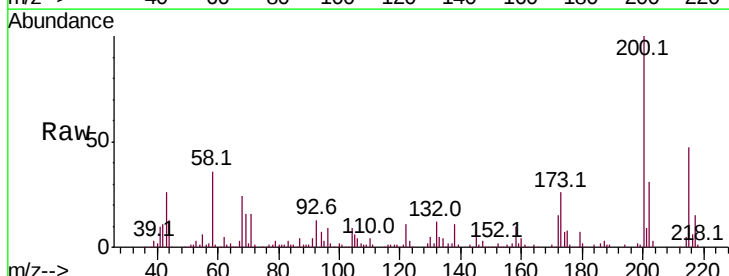
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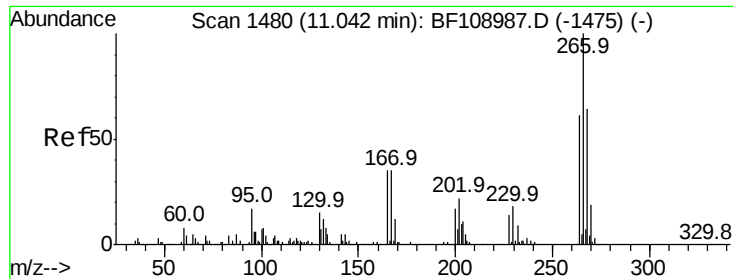
Sohil
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#68
Atrazine
Concen: 51.770 ng
RT: 10.94 min Scan# 1463
Delta R.T. -0.00 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	25.8	8.6	48.6	
215	47.3	25.1	65.1	





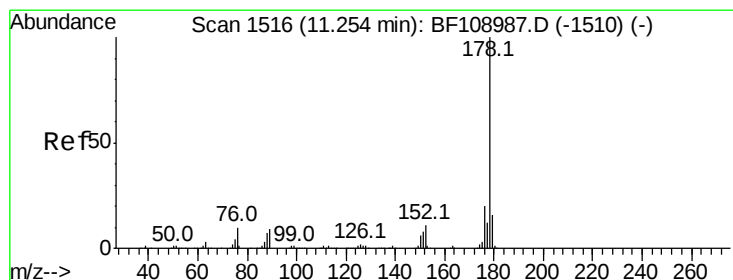
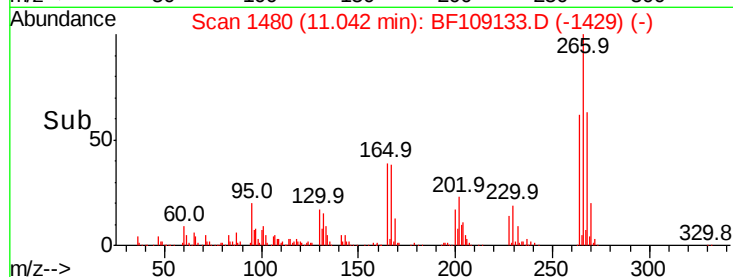
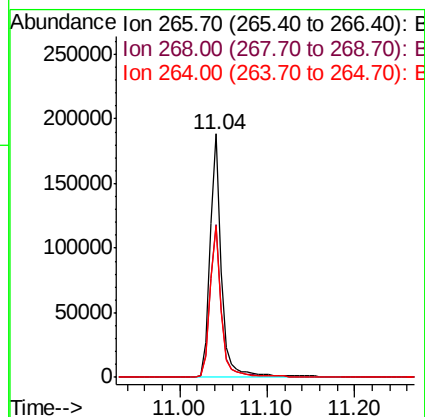
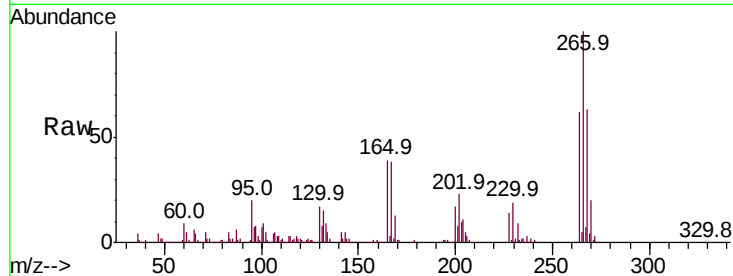
#69
 Pentachlorophenol
 Concen: 71.068 ng
 RT: 11.04 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: BF109133.D
 Acq: 19 Sep 2018 8:44

Instrument :
 BNA_F
 ClientSampleId :
 PB112905BSD

Tot Ion:	266	Resp:	173184
Ion Ratio	Lower	Upper	
266	100		
268	62.8	51.1	76.7
264	62.4	49.5	74.3

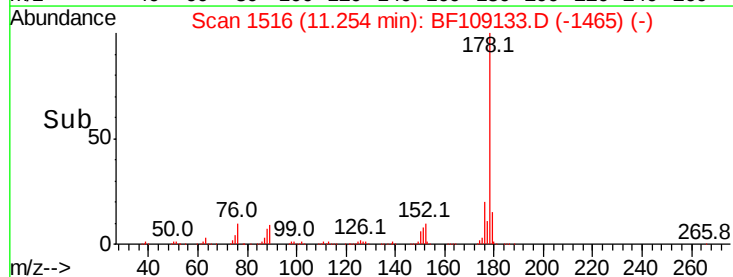
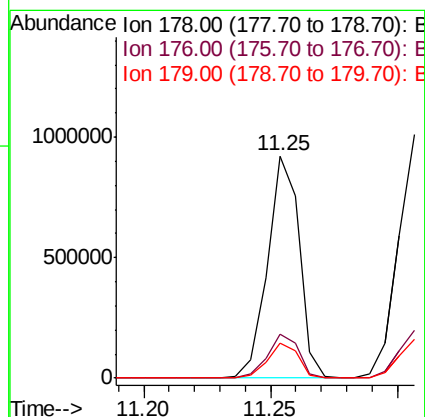
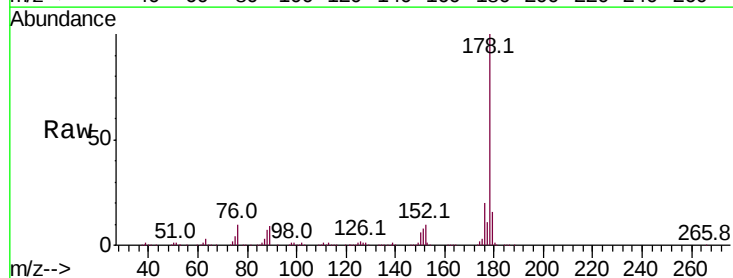
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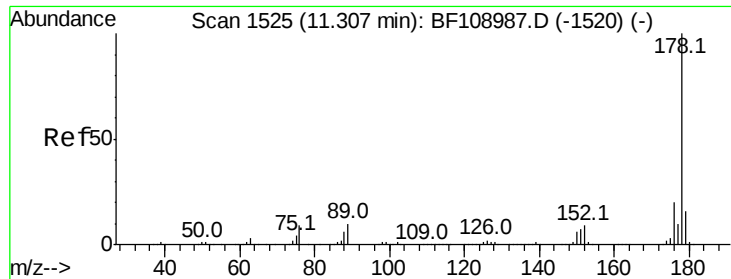
Sohil
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#70
 Phenanthrene
 Concen: 52.332 ng
 RT: 11.25 min Scan# 1516
 Delta R.T. -0.00 min
 Lab File: BF109133.D
 Acq: 19 Sep 2018 8:44

Tgt Ion:	178	Resp:	810277
Ion Ratio	Lower	Upper	
178	100		
176	19.8	15.8	23.8
179	15.6	13.0	19.6





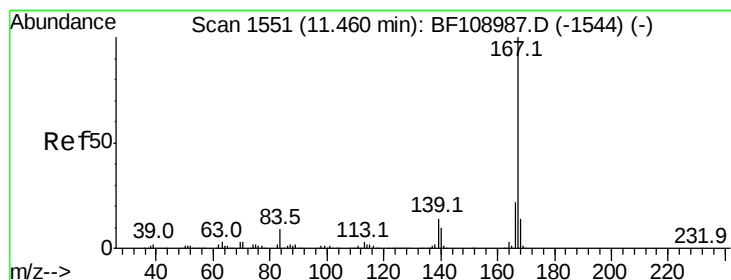
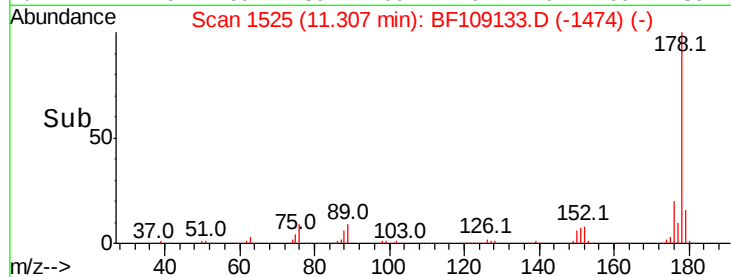
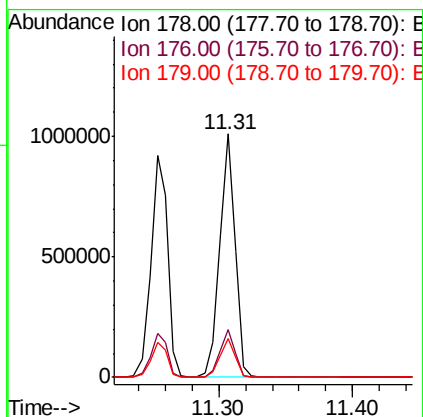
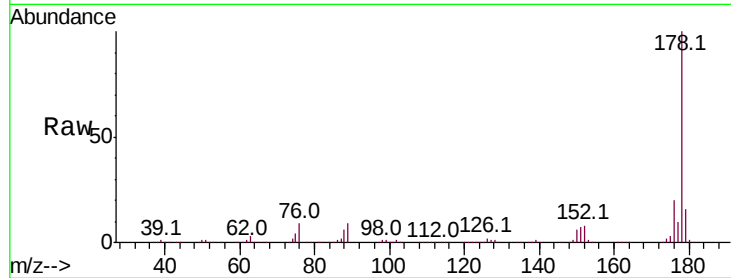
#71
 Anthracene
 Concen: 52.960 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. -0.00 min
 Lab File: BF109133.D
 Acq: 19 Sep 2018 8:44

Instrument :
 BNA_F
 ClientSampleId :
 PB112905BSD

Tot Ion	Ratio	Resp	Lower	Upper
178	100	831234		
176	19.5	15.4	23.2	
179	15.8	12.6	19.0	

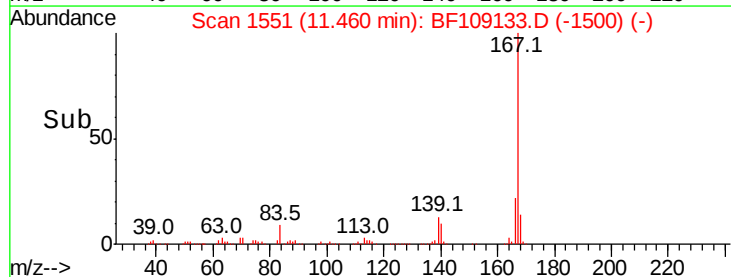
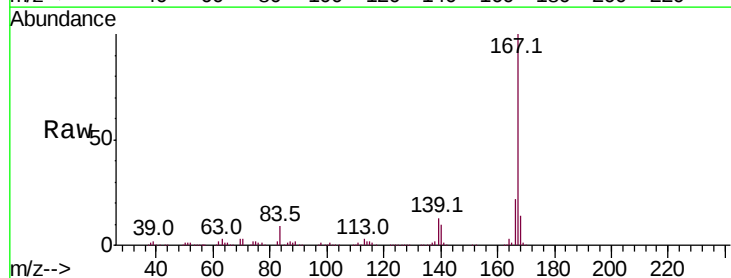
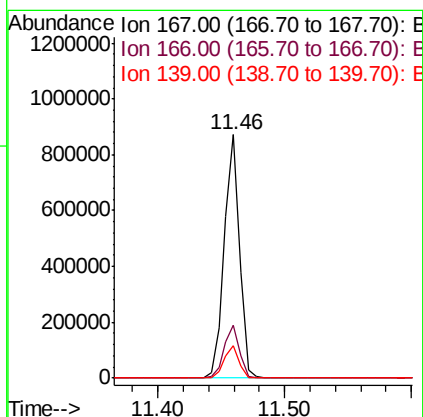
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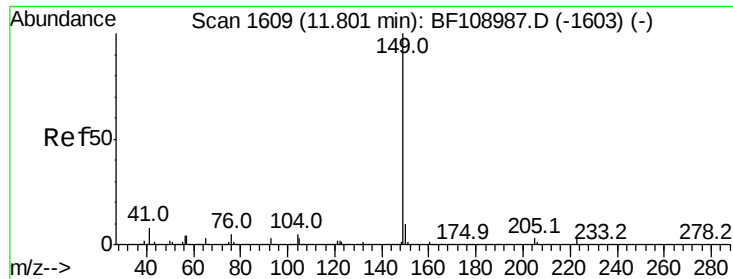
Sohil
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#72
 Carbazole
 Concen: 47.269 ng
 RT: 11.46 min Scan# 1551
 Delta R.T. -0.00 min
 Lab File: BF109133.D
 Acq: 19 Sep 2018 8:44

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	734418		
166	21.8	17.6	26.4	
139	13.1	10.9	16.3	





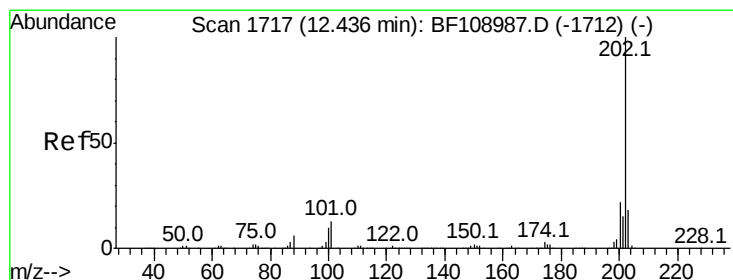
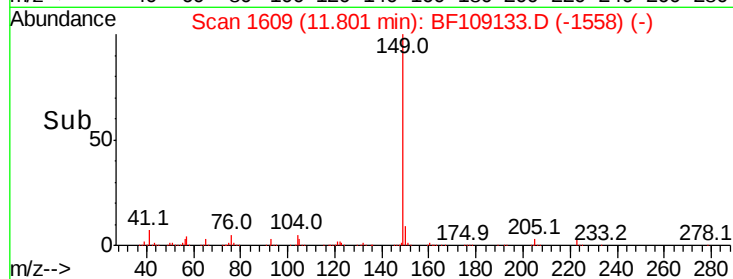
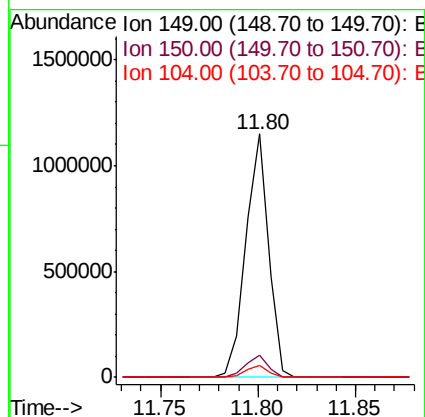
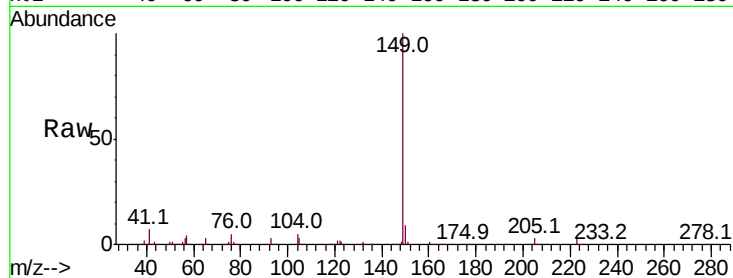
#73
Di-n-butylphthalate
Concen: 51.089 ng
RT: 11.80 min Scan# 1609
Delta R.T. -0.00 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Instrument :
BNA_F
ClientSampleId :
PB112905BSD

Tot Ion:	149	Resp:	929176
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.8	11.6
104	4.8	3.8	5.8

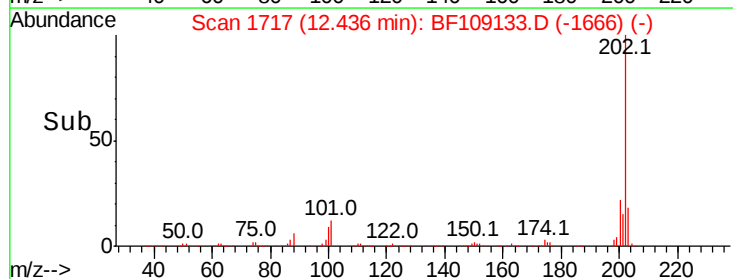
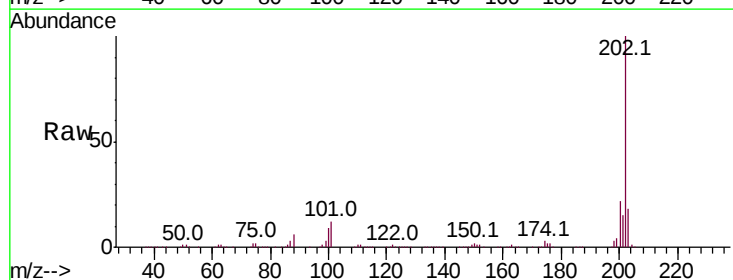
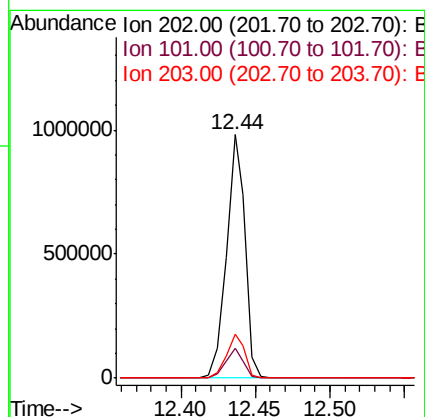
Manual Integrations
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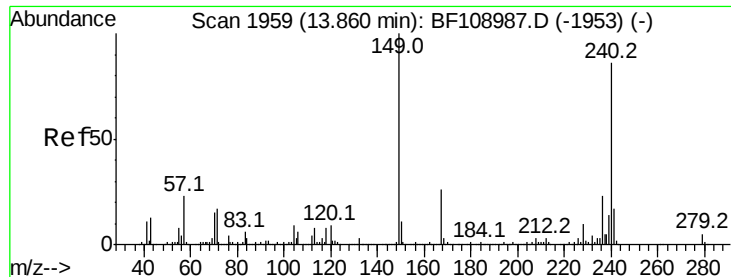
Sohil
9/19/2018 4:24:18 PM



#74
Fluoranthene
Concen: 52.568 ng
RT: 12.44 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Tgt Ion:	202	Resp:	859273
Ion Ratio	Lower	Upper	
202	100		
101	12.3	0.0	34.1
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 1959

Delta R.T. -0.00 min

Lab File: BF109133.D

Acq: 19 Sep 2018 8:44

Instrument :

BNA_F

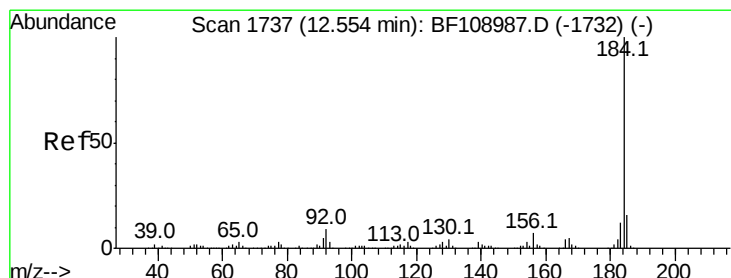
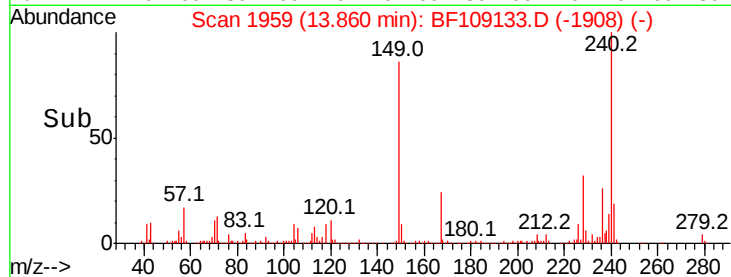
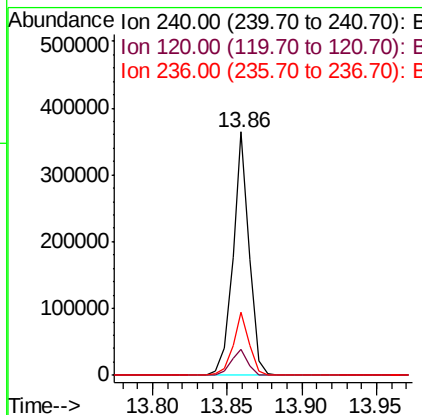
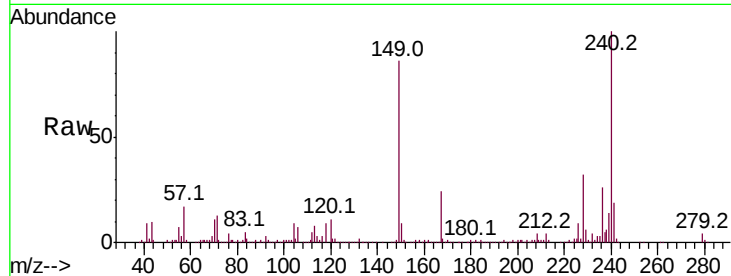
ClientSampleId :

PB112905BSD

Tot Ion:	240	Resp:	277995
Ion Ratio	Lower	Upper	
240	100		
120	10.7	9.5	14.3
236	25.7	20.7	31.1

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#76

Benzidine

Concen: 37.558 ng

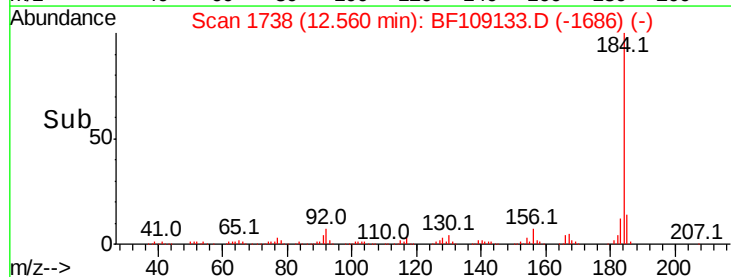
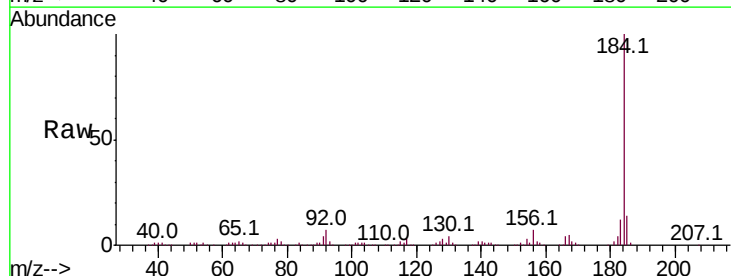
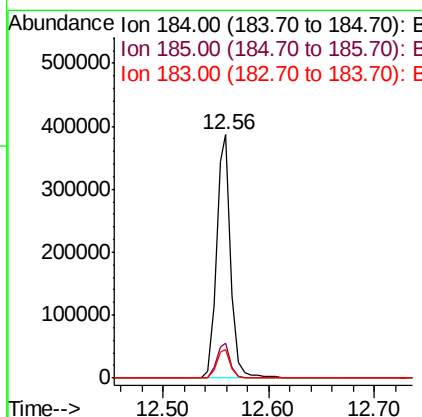
RT: 12.56 min Scan# 1738

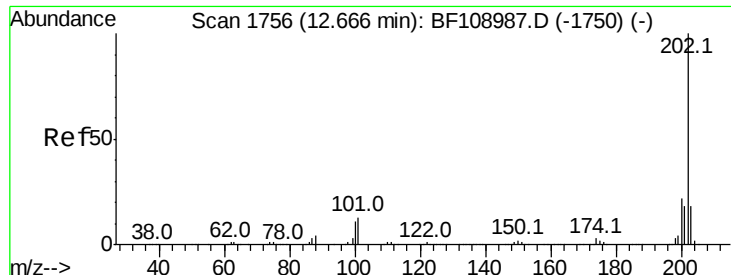
Delta R.T. 0.01 min

Lab File: BF109133.D

Acq: 19 Sep 2018 8:44

Tgt Ion:	184	Resp:	369598
Ion Ratio	Lower	Upper	
184	100		
185	14.2	12.6	18.8
183	11.7	9.3	13.9





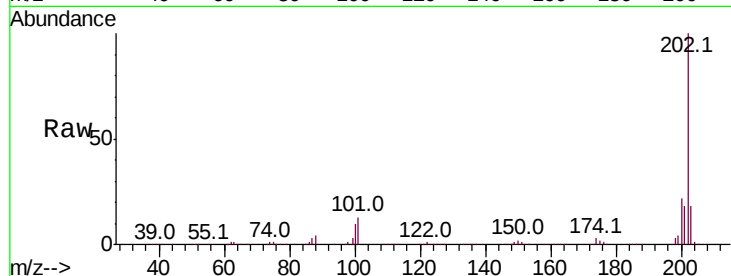
#77
Pvrene
Concen: 42.548 ng
RT: 12.67 min Scan# 1756
Delta R.T. -0.00 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Instrument :
BNA_F
ClientSampleId :
PB112905BSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
200	22.1	17.4	26.2	
203	17.6	14.3	21.5	

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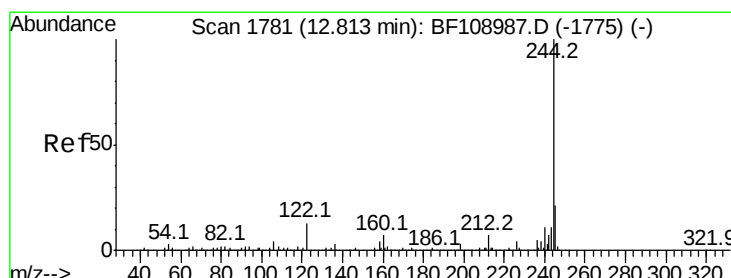
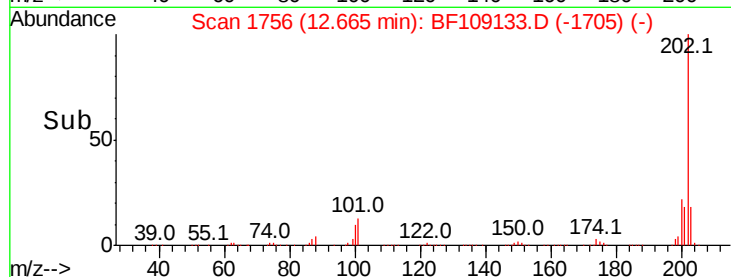
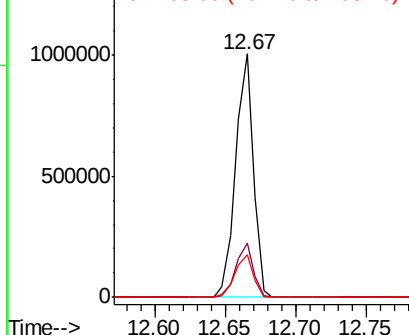


Abundance

Ion 202.00 (201.70 to 202.70): E

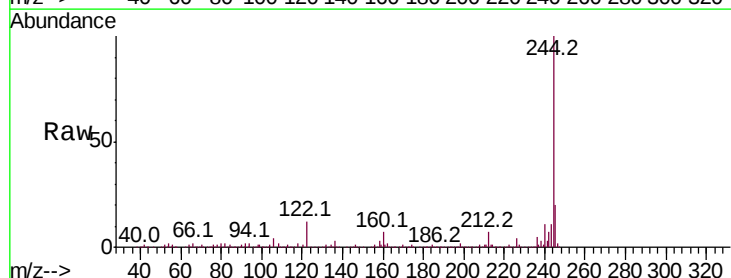
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 101.987 ng
RT: 12.81 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.1	5.4	8.0	
122	11.8	11.0	16.4	

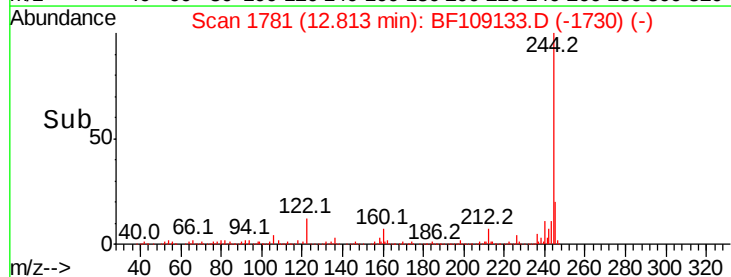
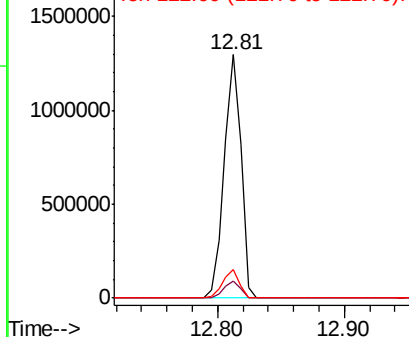


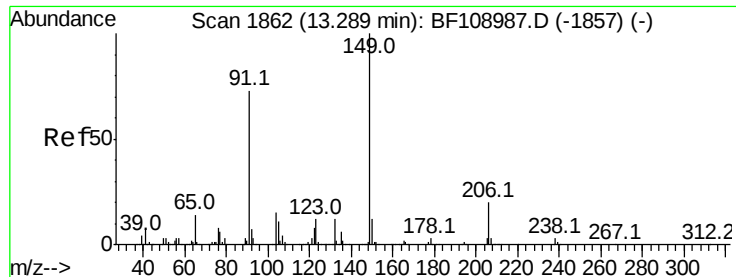
Abundance

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





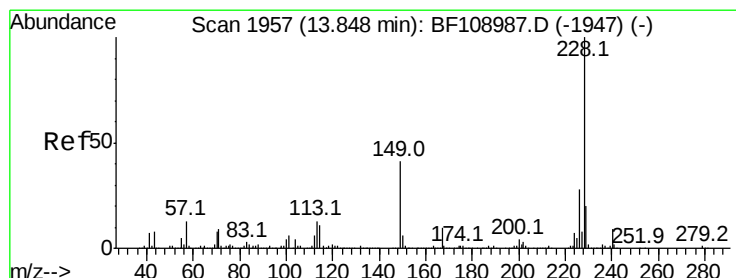
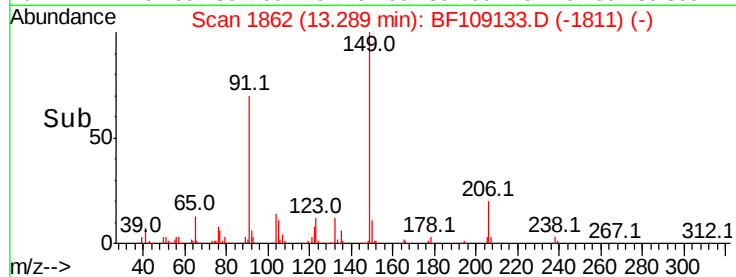
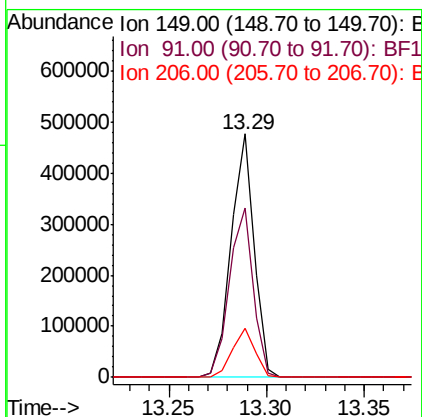
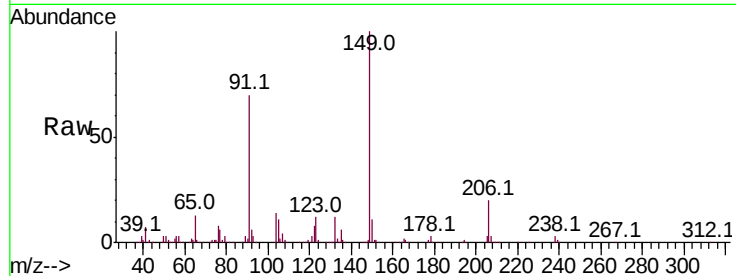
#79
Butylbenzylphthalate
Concen: 42.467 ng
RT: 13.29 min Scan# 1862
Delta R.T. -0.00 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Instrument :
BNA_F
ClientSampleId :
PB112905BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	391663		
91	69.7	56.8	85.2	
206	20.3	14.1	21.1	

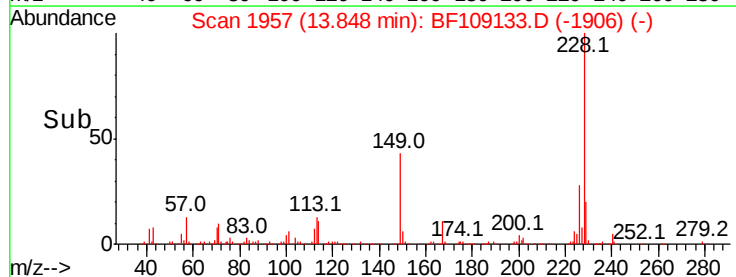
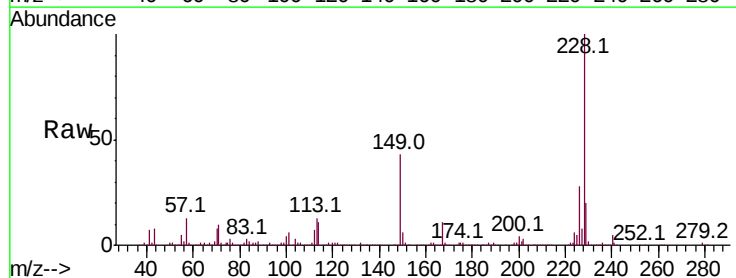
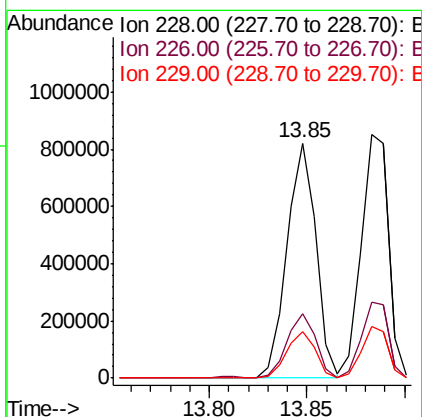
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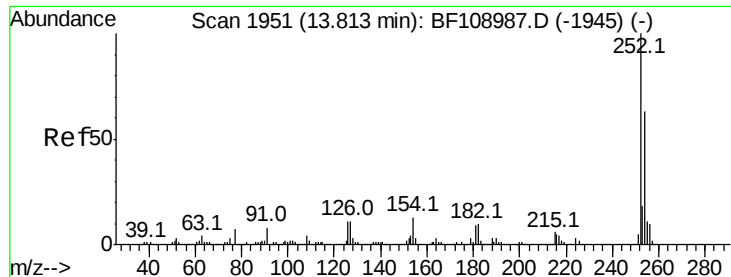
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#80
Benzo(a)anthracene
Concen: 50.048 ng
RT: 13.85 min Scan# 1957
Delta R.T. -0.00 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	842348		
226	27.5	22.6	33.8	
229	20.0	15.8	23.6	





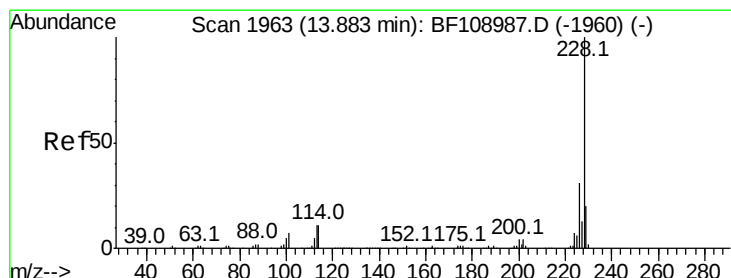
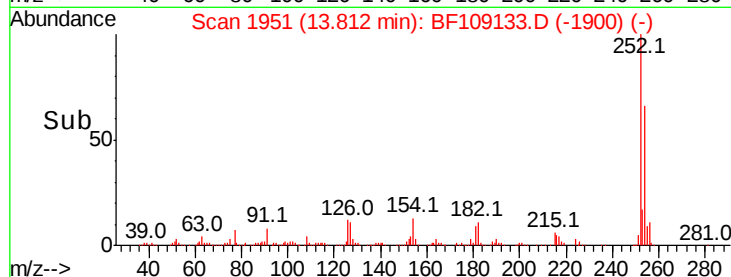
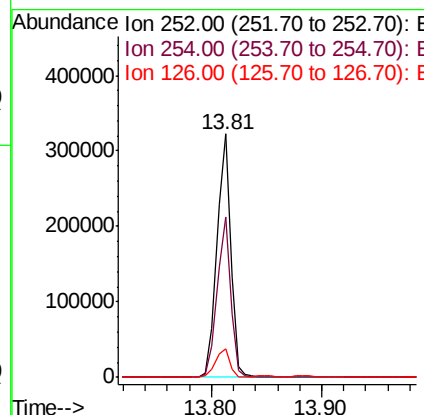
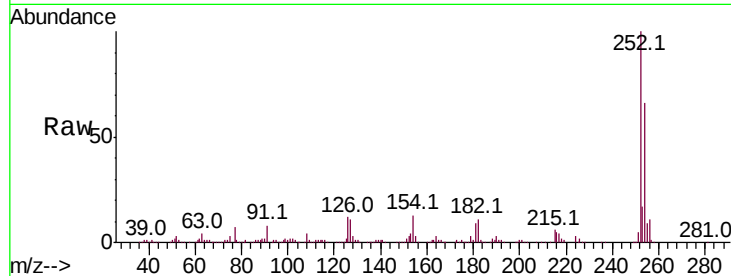
#81
 3,3'-Dichlorobenzidine
 Concen: 40.578 ng
 RT: 13.81 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: BF109133.D
 Acq: 19 Sep 2018 8:44

Instrument :
 BNA_F
 ClientSampleId :
 PB112905BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.6	50.4	75.6
126	11.9	11.3	16.9

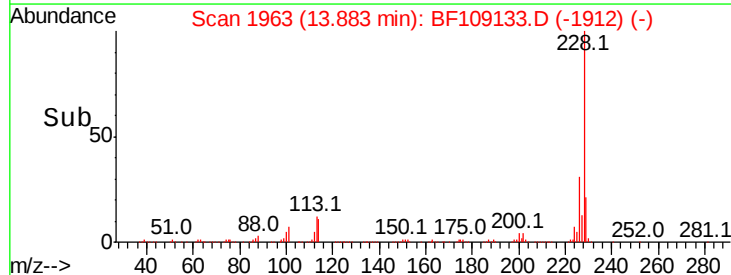
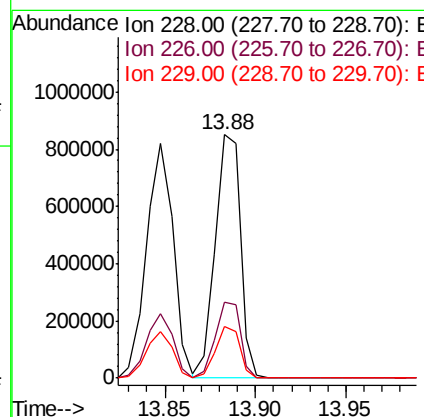
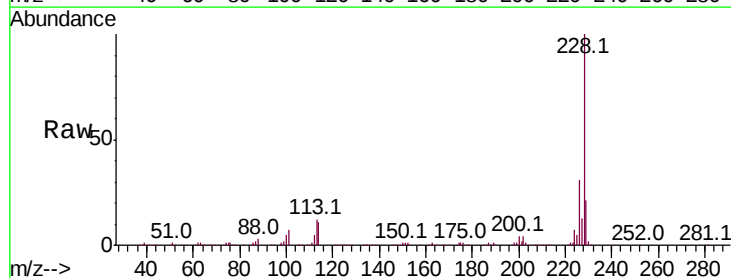
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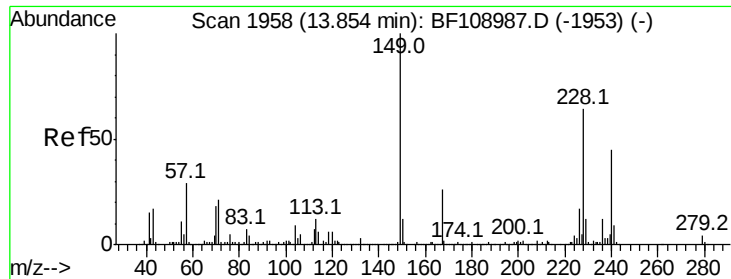
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#82
 Chrysene
 Concen: 48.944 ng
 RT: 13.88 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: BF109133.D
 Acq: 19 Sep 2018 8:44

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.0	25.0	37.6
229	21.0	16.2	24.4





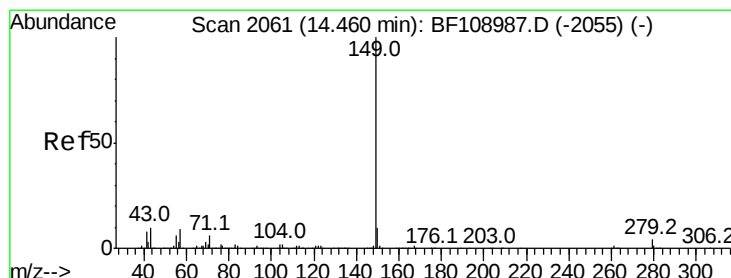
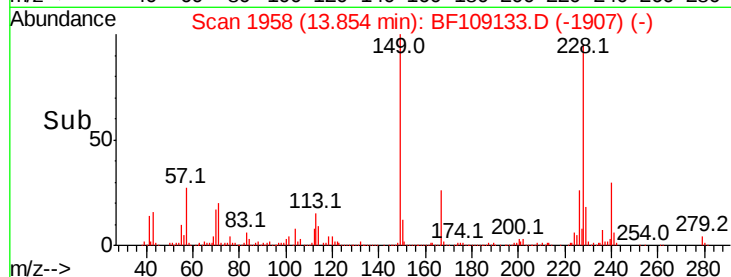
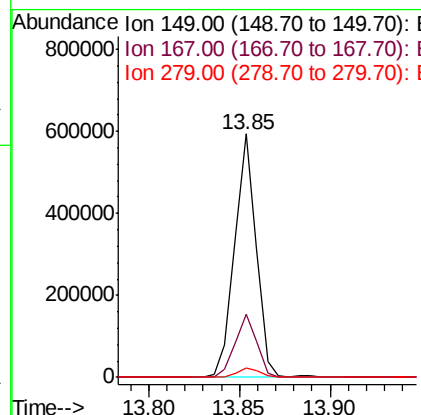
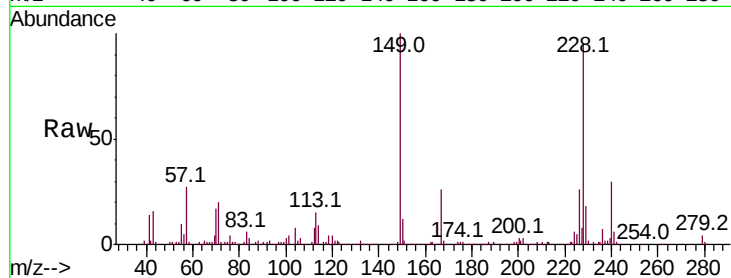
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.393 ng
 RT: 13.85 min Scan# 1958
 Delta R.T. -0.00 min
 Lab File: BF109133.D
 Acq: 19 Sep 2018 8:44

Instrument :
 BNA_F
 ClientSampleId :
 PB112905BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	25.8	21.3	31.9	
279	3.8	3.0	4.4	

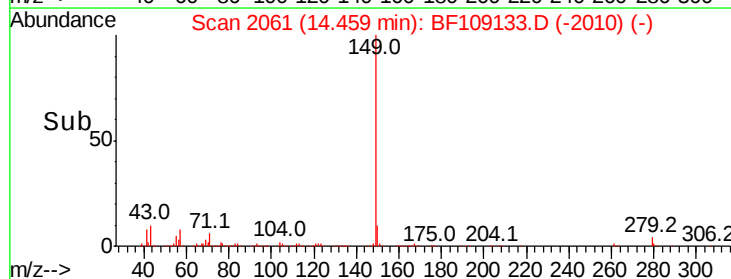
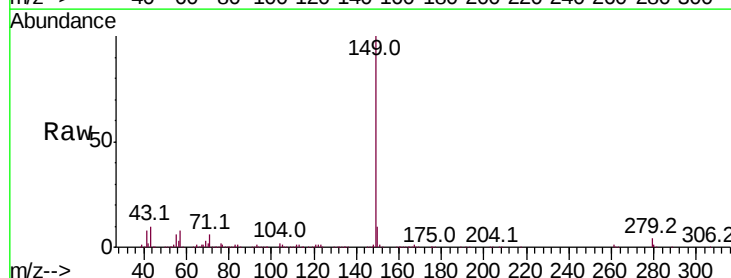
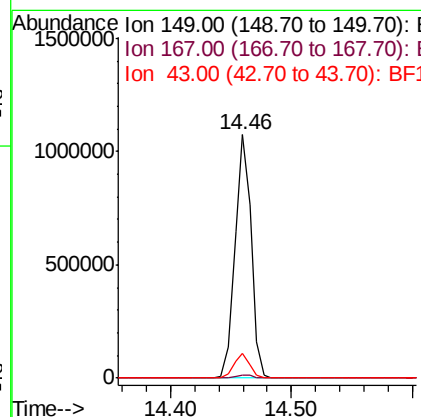
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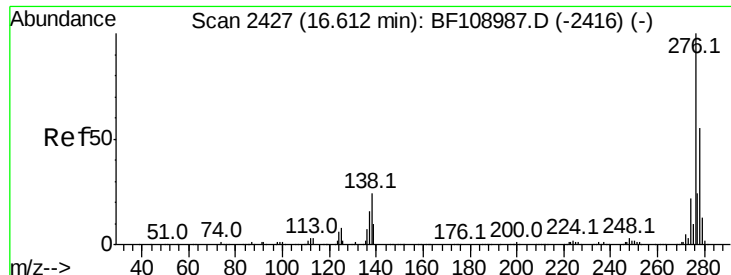
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#84
 Di-n-octyl phthalate
 Concen: 52.563 ng
 RT: 14.46 min Scan# 2061
 Delta R.T. -0.00 min
 Lab File: BF109133.D
 Acq: 19 Sep 2018 8:44

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





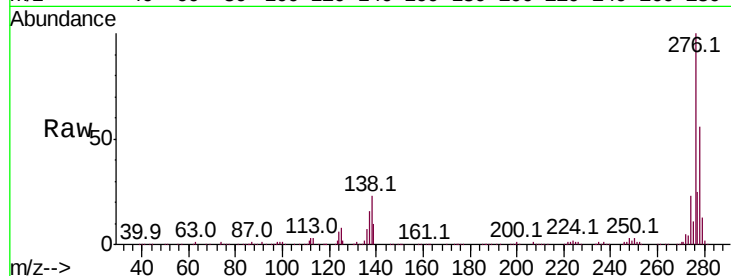
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.659 ng
 RT: 16.62 min Scan# 2428
 Delta R.T. 0.01 min
 Lab File: BF109133.D
 Acq: 19 Sep 2018 8:44

Instrument :
 BNA_F
 ClientSampleId :
 PB112905BSD

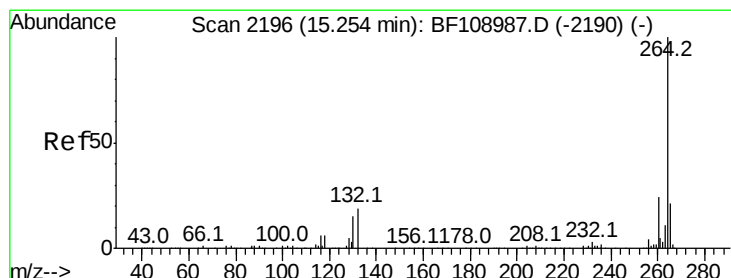
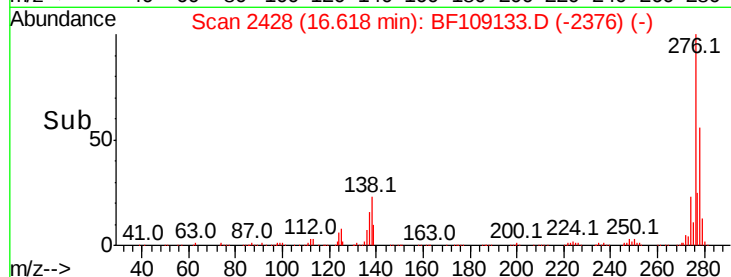
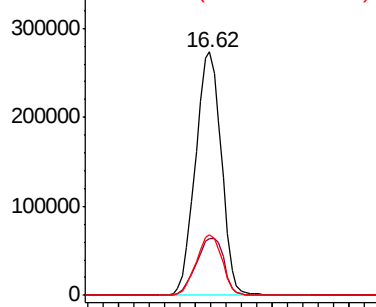
Tot Ion	Ratio	Lower	Upper
276	100		
138	25.1	25.0	37.6
277	25.0	20.1	30.1

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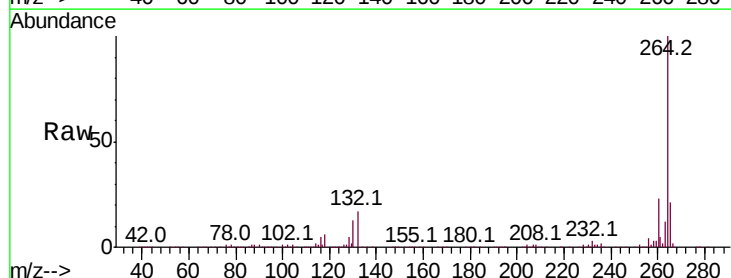


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

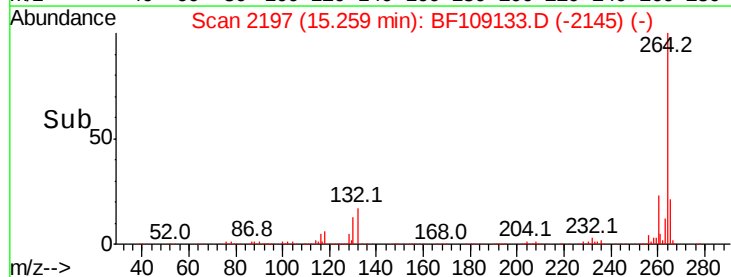
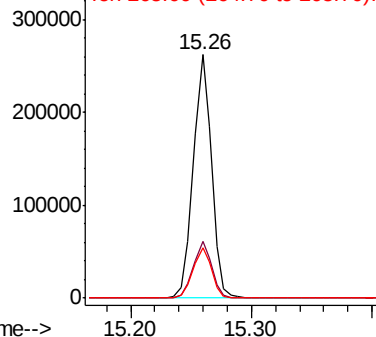


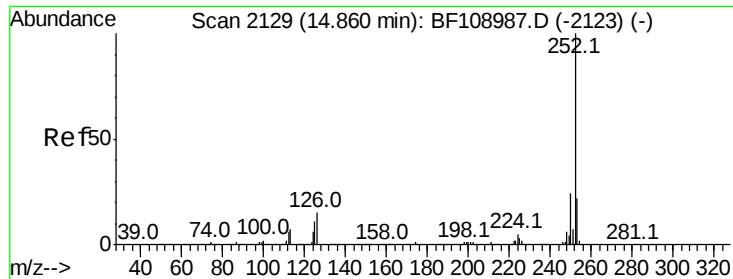
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.26 min Scan# 2197
 Delta R.T. 0.01 min
 Lab File: BF109133.D
 Acq: 19 Sep 2018 8:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	20.9	17.5	26.3



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





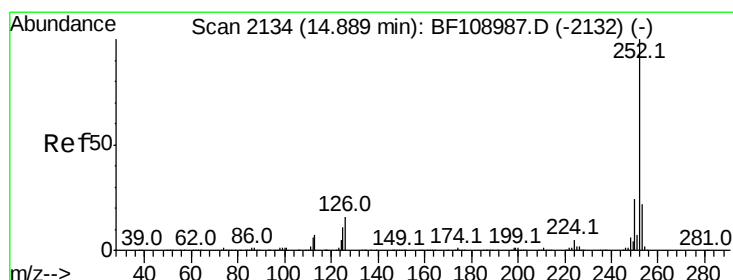
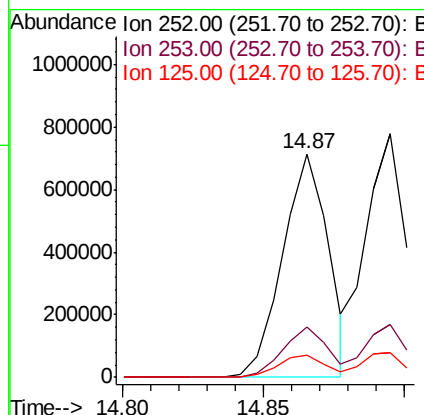
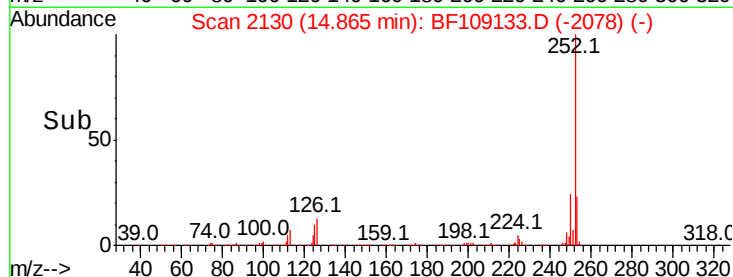
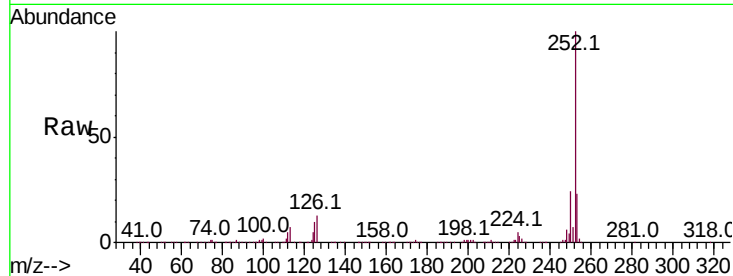
#87
Benzo(b)fluoranthene
Concen: 53.270 ng
RT: 14.87 min Scan# 2130
Delta R.T. 0.01 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Instrument :
BNA_F
ClientSampleId :
PB112905BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	10.1	9.0	13.6

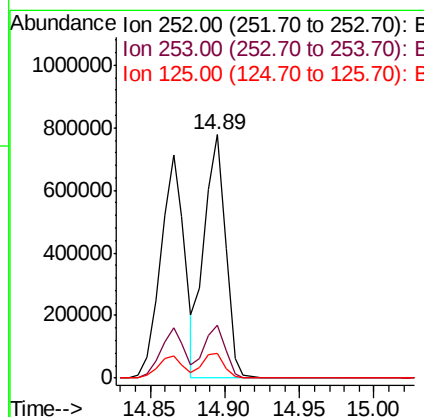
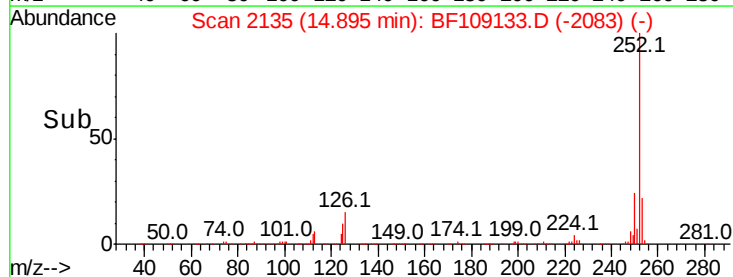
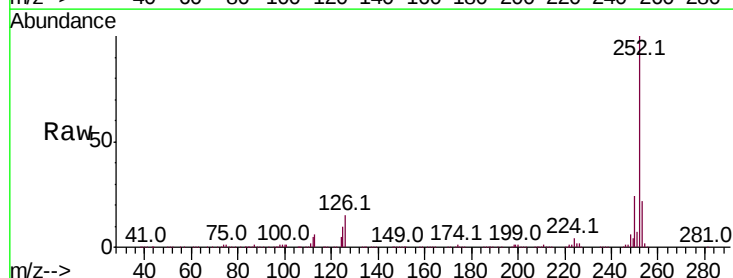
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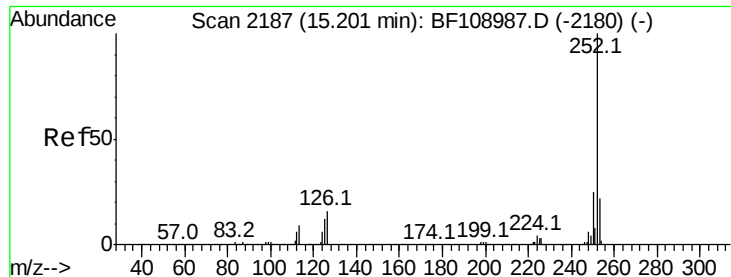
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#88
Benzo(k)fluoranthene
Concen: 54.288 ng
RT: 14.89 min Scan# 2135
Delta R.T. 0.01 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

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





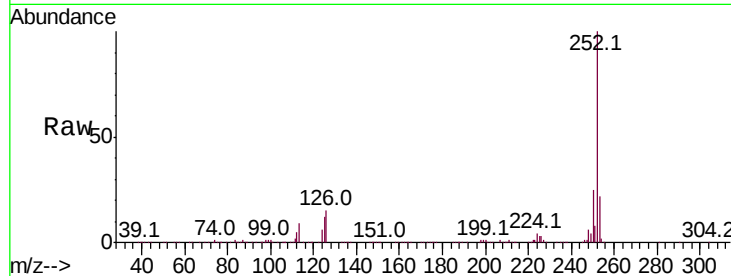
#89
Benzo(a)pyrene
Concen: 52.951 ng
RT: 15.21 min Scan# 2188
Delta R.T. 0.01 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

Instrument :
BNA_F
ClientSampleId :
PB112905BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	11.7	9.8	14.6

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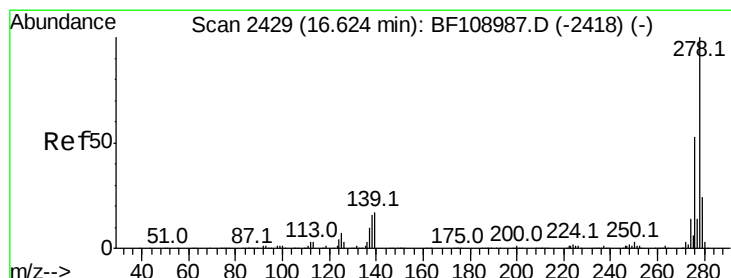
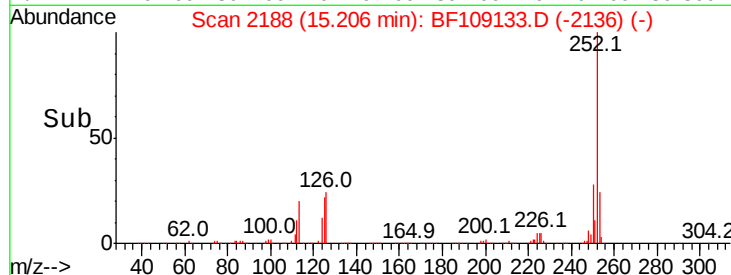
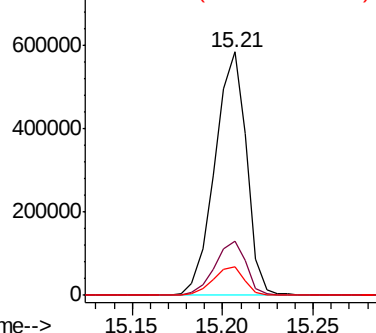


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Dibenzo(a,h)anthracene
Concen: 48.543 ng
RT: 16.63 min Scan# 2430
Delta R.T. 0.01 min
Lab File: BF109133.D
Acq: 19 Sep 2018 8:44

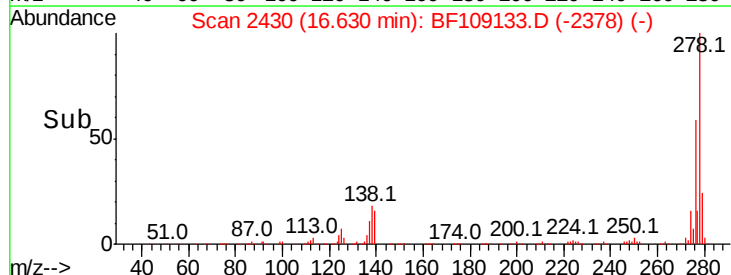
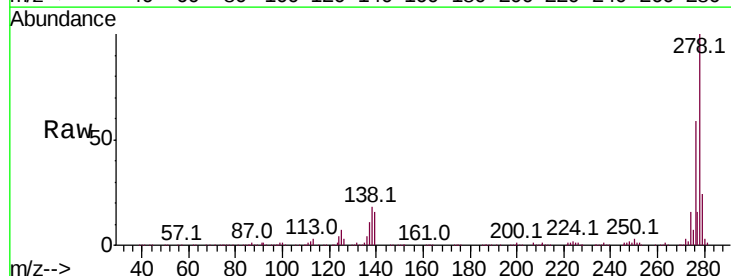
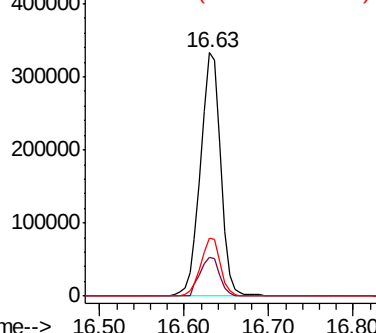
Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.0	15.9	23.9
279	23.9	19.0	28.4

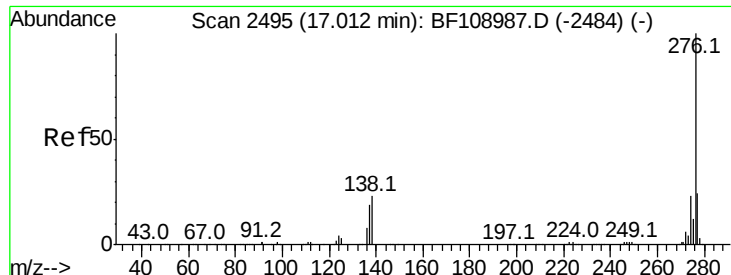
Abundance

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: 45.990 ng
 RT: 17.02 min Scan# 2497
 Delta R.T. 0.01 min
 Lab File: BF109133.D
 Acq: 19 Sep 2018 8:44

Instrument :
 BNA_F
 ClientSampleId :
 PB112905BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.6	17.9	26.9
138	20.4	21.8	32.8

Manual Integrations
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