

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091918\
 Data File : BF109177.D
 Acq On : 20 Sep 2018 6:26
 Operator : JU/SJ
 Sample : PB112999BSD
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112999BSD

Manual Integrations
 APPROVED

Sohil
 9/20/2018 10:07:01 AM

Quant Time: Sep 20 08:42:30 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	144938	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	526378	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	223142	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	365636	20.00	ng	0.00
75) Chrysene-d12	13.86	240	297443	20.00	ng	0.00
86) Perylene-d12	15.26	264	305367	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	709861	81.34	ng	0.02
7) Phenol-d6	6.37	99	895930	79.62	ng	0.00
23) Nitrobenzene-d5	7.29	82	811279	86.45	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	175799	72.59	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1365889	95.90	ng	0.00
78) Terphenyl-d14	12.81	244	1121937	89.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	146600	35.291	ng	92
3) Pyridine	3.18	79	389980	35.415	ng	92
4) n-Nitrosodimethylamine	3.13	42	198555	47.742	ng	# 96
6) Aniline	6.38	93	299522	20.594	ng	# 82
8) 2-Chlorophenol	6.51	128	404566	41.427	ng	98
9) Benzaldehyde	6.27	77	161291	22.443	ng	99
10) Phenol	6.38	94	492532	38.901	ng	81
11) bis(2-Chloroethyl)ether	6.46	93	401247	40.283	ng	96
12) 1,3-Dichlorobenzene	6.67	146	449148	40.216	ng	99
13) 1,4-Dichlorobenzene	6.74	146	449712	40.138	ng	97
14) 1,2-Dichlorobenzene	6.90	146	421698	40.598	ng	99
15) Benzyl Alcohol	6.87	79	352603	41.275	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.01	45	564503	39.554	ng	94
17) 2-Methylphenol	6.98	107	334029	41.924	ng	95
18) Hexachloroethane	7.24	117	159259	39.137	ng	99
19) n-Nitroso-di-n-propylamine	7.15	70	298417	40.121	ng	93
20) 3+4-Methylphenols	7.14	107	391346	40.783	ng	# 69
22) Acetophenone	7.13	105	550998	46.093	ng	# 94
24) Nitrobenzene	7.30	77	428601	44.296	ng	96
25) Isophorone	7.55	82	795323	49.300	ng	99
26) 2-Nitrophenol	7.62	139	157027	34.755	ng	95
27) 2,4-Dimethylphenol	7.67	122	351618	49.613	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	497581	45.835	ng	99
29) 2,4-Dichlorophenol	7.87	162	316797	41.947	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	349879	42.857	ng	97
31) Naphthalene	8.02	128	1130868	46.288	ng	99
32) Benzoic acid	7.76	122	107920m	23.304	ng	
33) 4-Chloroaniline	8.07	127	105154	9.680	ng	97
34) Hexachlorobutadiene	8.15	225	215775	43.293	ng	99
35) Caprolactam	8.45	113	87916	35.705	ng	88
36) 4-Chloro-3-methylphenol	8.57	107	322534	40.568	ng	98
37) 2-Methylnaphthalene	8.72	142	730499	45.869	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	327055	46.568	ng	98
40) Hexachlorocyclopentadiene	8.88	237	208251	58.852	ng	99

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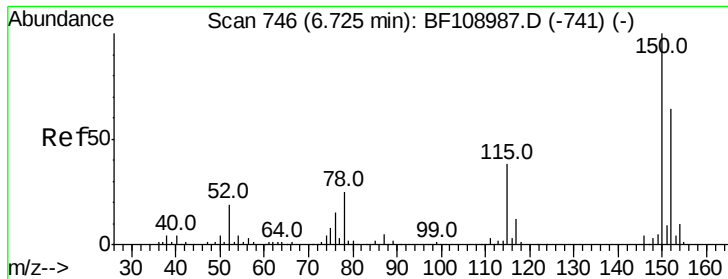
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	206071	43.653	nq	100
43) 2,4,5-Trichlorophenol	9.04	196	210054	42.581	nq	97
45) 1,1'-Biphenyl	9.18	154	847451	47.470	nq	97
46) 2-Chloronaphthalene	9.20	162	647100	45.261	nq	100
47) 2-Nitroaniline	9.30	65	196065	44.608	nq	95
48) Acenaphthylene	9.61	152	1016364	47.150	nq	100
49) Dimethylphthalate	9.48	163	762119	47.785	nq	100
50) 2,6-Dinitrotoluene	9.54	165	148113	41.876	nq	94
51) Acenaphthene	9.79	154	589888	43.947	nq	99
52) 3-Nitroaniline	9.70	138	134591	32.317	nq	93
53) 2,4-Dinitrophenol	9.81	184	26974	19.789	nq	# 22
54) Dibenzofuran	9.96	168	842487	43.434	nq	98
55) 4-Nitrophenol	9.87	139	176324	57.463	nq	92
56) 2,4-Dinitrotoluene	9.94	165	179025	38.704	nq	# 90
57) Fluorene	10.30	166	606871	46.949	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	155462	38.060	nq	89
59) Diethylphthalate	10.18	149	729200	45.276	nq	98
60) 4-Chlorophenyl-phenylether	10.30	204	300297	43.386	nq	93
61) 4-Nitroaniline	10.31	138	149547	37.795	nq	96
62) Azobenzene	10.45	77	686096	41.617	nq	94
64) 4,6-Dinitro-2-methylphenol	10.35	198	25187	14.397	nq	80
65) n-Nitrosodiphenylamine	10.41	169	584609	48.880	nq	95
66) 4-Bromophenyl-phenylether	10.78	248	193259	46.884	nq	93
67) Hexachlorobenzene	10.85	284	200234	45.414	nq	93
68) Atrazine	10.94	200	184923	48.300	nq	99
69) Pentachlorophenol	11.04	266	153545	54.431	nq	100
70) Phenanthrene	11.25	178	858757	47.912	nq	99
71) Anthracene	11.31	178	871140	47.947	nq	100
72) Carbazole	11.46	167	767816	42.690	nq	99
73) Di-n-butylphthalate	11.80	149	971177	46.129	nq	99
74) Fluoranthene	12.44	202	875501	46.269	nq	97
76) Benzidine	12.55	184	244164	23.190	nq	98
77) Pyrene	12.66	202	892609	40.401	nq	99
79) Butylbenzylphthalate	13.29	149	396227	40.153	nq	# 93
80) Benzo(a)anthracene	13.85	228	845832	46.969	nq	99
81) 3,3'-Dichlorobenzidine	13.81	252	181783	25.015	nq	98
82) Chrysene	13.88	228	821874	45.616	nq	100
83) Bis(2-ethylhexyl)phthalate	13.85	149	507283	42.457	nq	97
84) Di-n-octyl phthalate	14.46	149	1016466	50.162	nq	98
85) Indeno(1,2,3-cd)pyrene	16.61	276	716025	49.708	nq	# 93
87) Benzo(b)fluoranthene	14.87	252	861605	51.002	nq	97
88) Benzo(k)fluoranthene	14.89	252	749134	47.477	nq	# 96
89) Benzo(a)pyrene	15.21	252	746106	49.732	nq	98
90) Dibenzo(a,h)anthracene	16.63	278	598268	47.465	nq	96
91) Benzo(g,h,i)perylene	17.02	276	580908	46.098	nq	# 92

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



#1

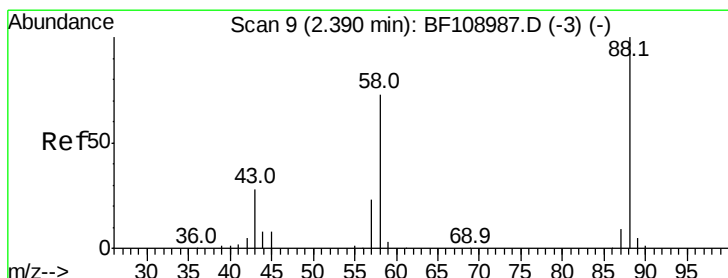
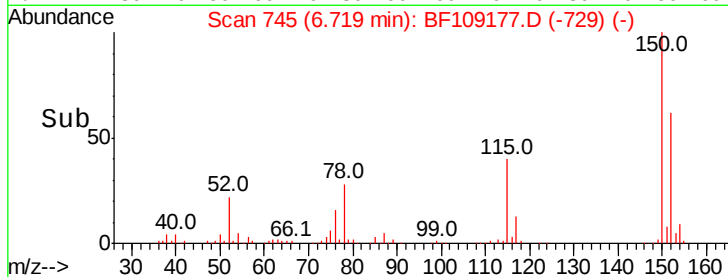
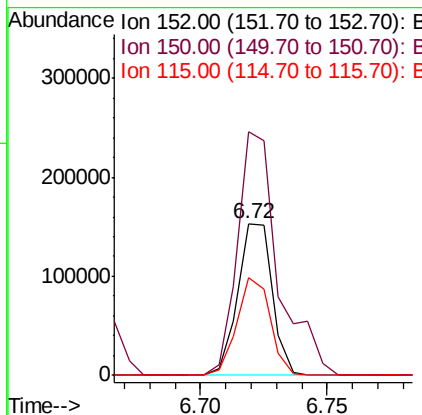
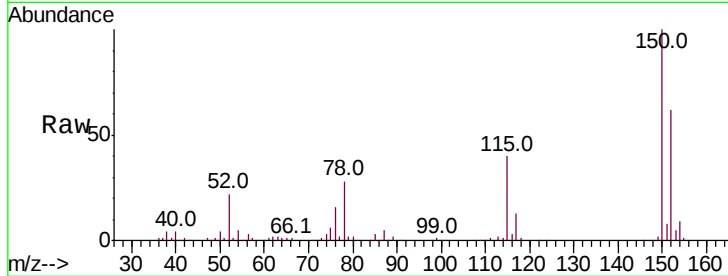
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109177.D
Acq: 20 Sep 2018 6:26

Instrument :
BNA_F
ClientSampleId :
PB112999BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.5	124.6	186.8
115	64.2	50.1	75.1

Manual Integrations
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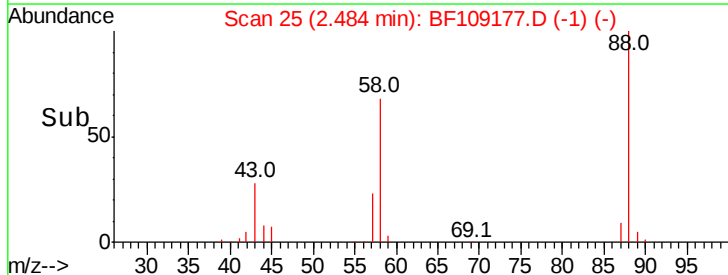
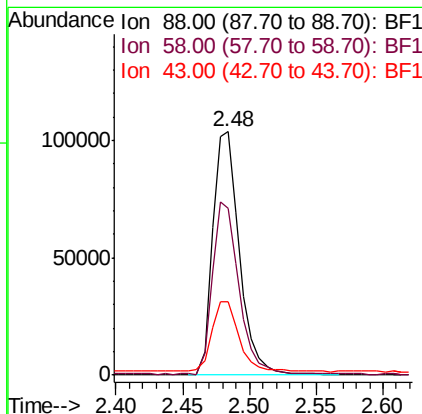
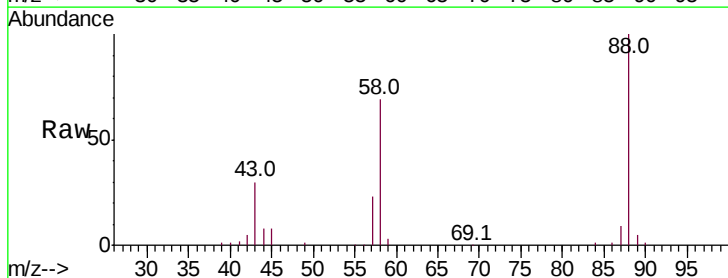
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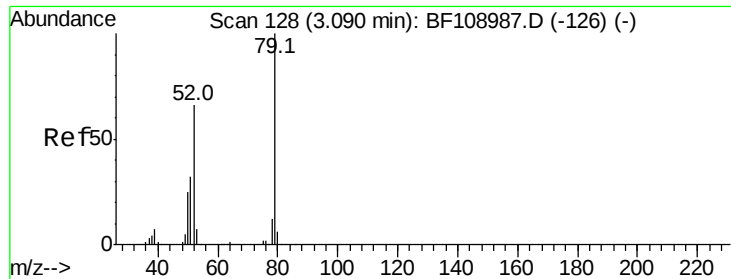


#2

1,4-Dioxane
Concen: 35.291 ng
RT: 2.48 min Scan# 25
Delta R.T. 0.09 min
Lab File: BF109177.D
Acq: 20 Sep 2018 6:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.3	62.6	93.8
43	29.5	24.6	37.0





#3

Pvridine

Concen: 35.415 ng

RT: 3.18 min Scan# 143

Delta R.T. 0.09 min

Lab File: BF109177.D

Acq: 20 Sep 2018 6:26

Instrument :

BNA_F

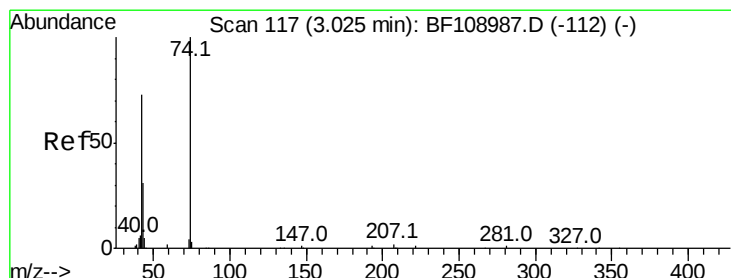
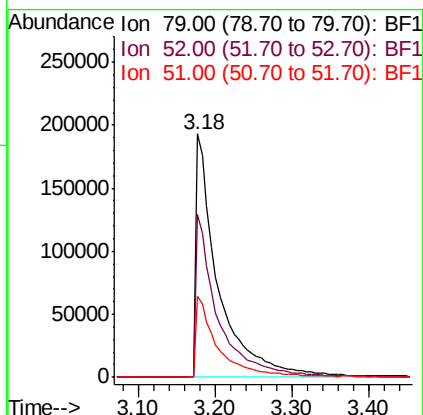
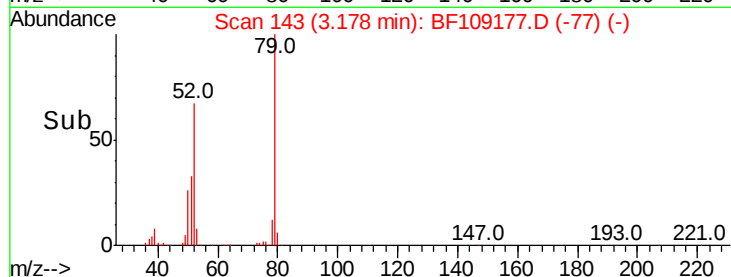
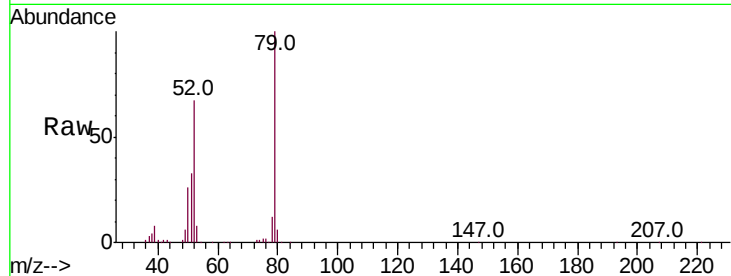
ClientSampleId :

PB112999BSD

Tot Ion:	79	Resp:	389980
Ion Ratio	Lower	Upper	
79	100		
52	66.9	59.8	89.6
51	33.1	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 47.742 ng

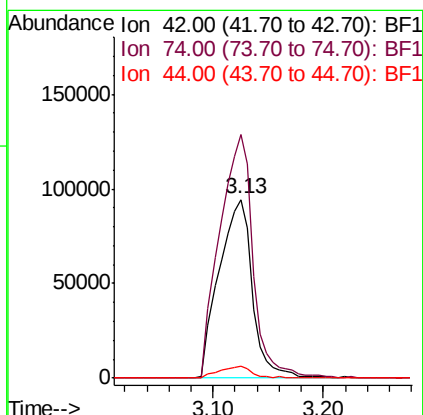
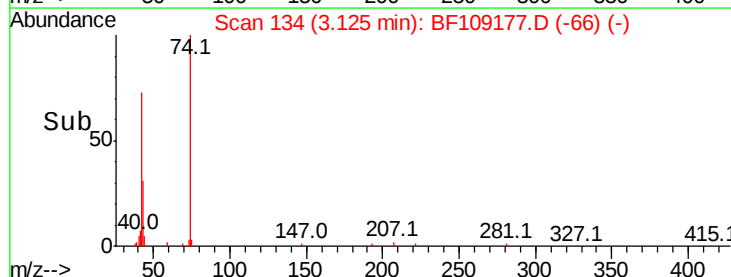
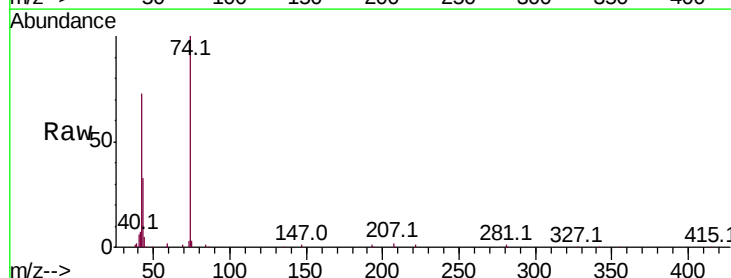
RT: 3.13 min Scan# 134

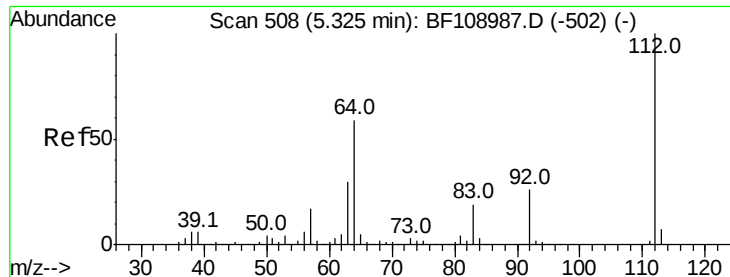
Delta R.T. 0.10 min

Lab File: BF109177.D

Acq: 20 Sep 2018 6:26

Tgt Ion:	42	Resp:	198555
Ion Ratio	Lower	Upper	
42	100		
74	136.1	104.9	157.3
44	6.4	6.9	10.3#





#5

2-Fluorophenol

Concen: 81.345 ng

RT: 5.34 min Scan# 511

Delta R.T. 0.02 min

Lab File: BF109177.D

Acq: 20 Sep 2018 6:26

Instrument :

BNA_F

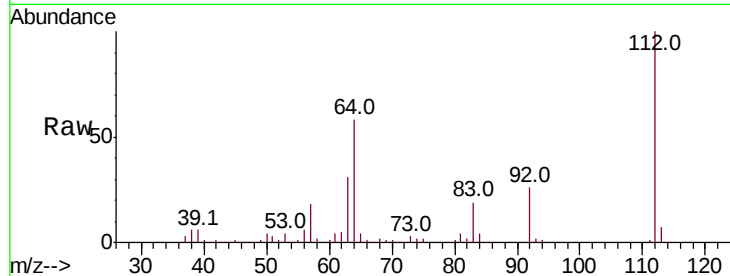
ClientSampleId :

PB112999BSD

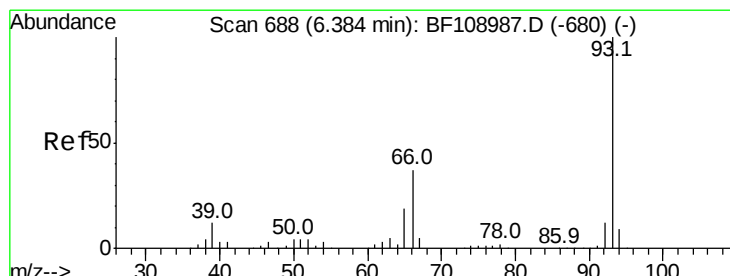
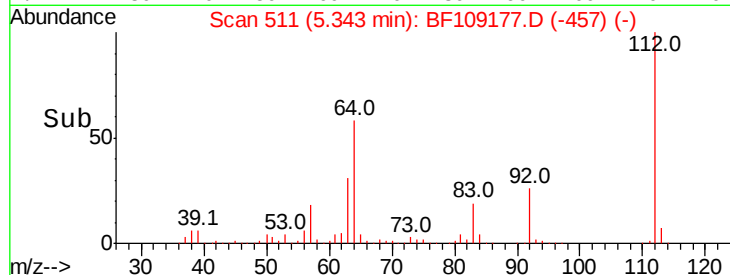
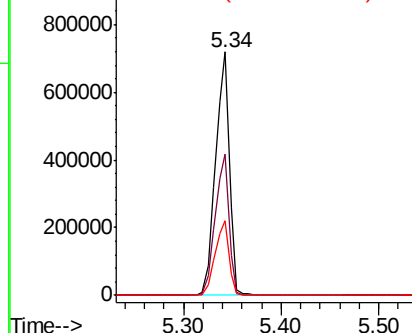
Tot Ion:	112	Resp:	709861
Ion Ratio	Lower	Upper	
112	100		
64	58.1	47.9	71.9
63	30.5	23.7	35.5

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



#6

Aniline

Concen: 20.594 ng

RT: 6.38 min Scan# 688

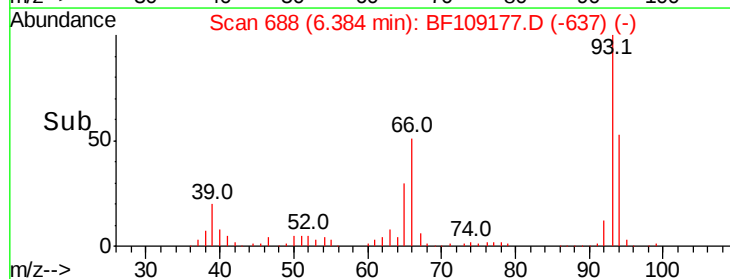
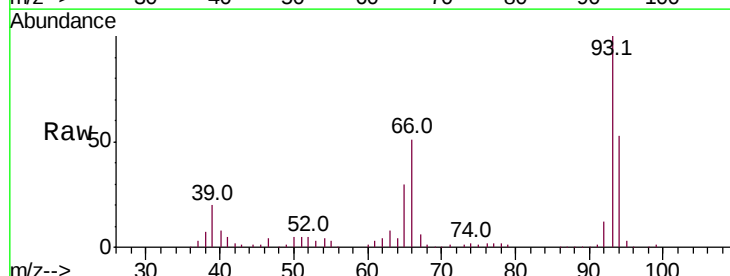
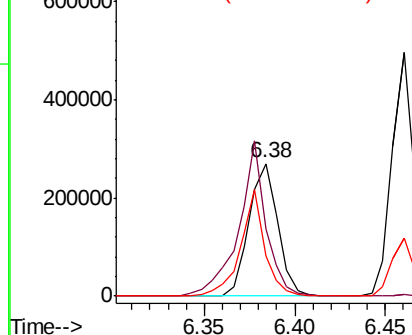
Delta R.T. -0.00 min

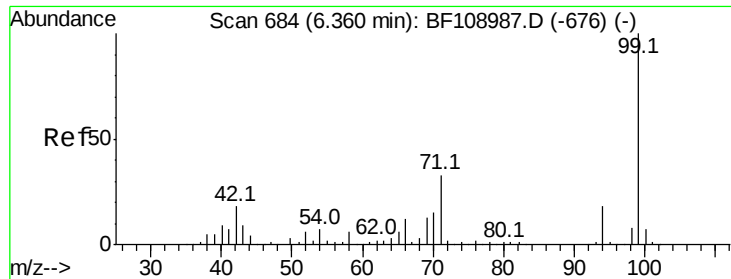
Lab File: BF109177.D

Acq: 20 Sep 2018 6:26

Tgt Ion:	93	Resp:	299522
Ion Ratio	Lower	Upper	
93	100		
66	50.8	32.2	48.2#
65	29.9	16.4	24.6#

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





#7

Phenol-d6

Concen: 79.621 ng

RT: 6.37 min Scan# 685

Delta R.T. 0.01 min

Lab File: BF109177.D

Acq: 20 Sep 2018 6:26

Instrument :

BNA_F

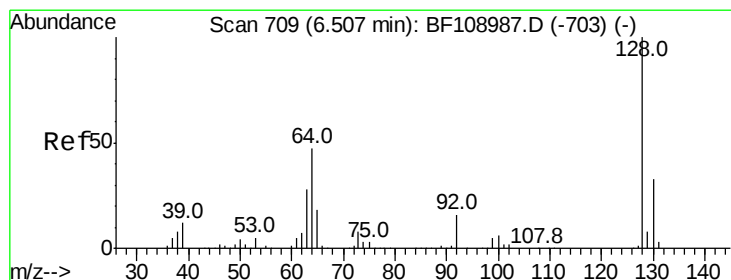
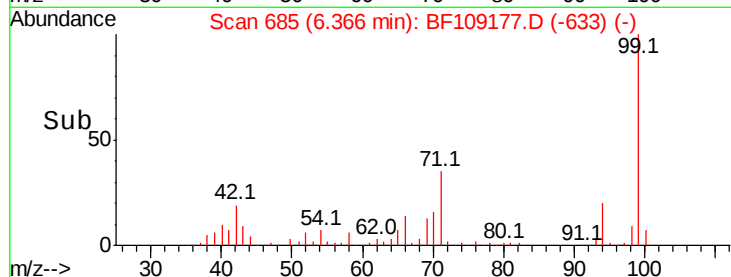
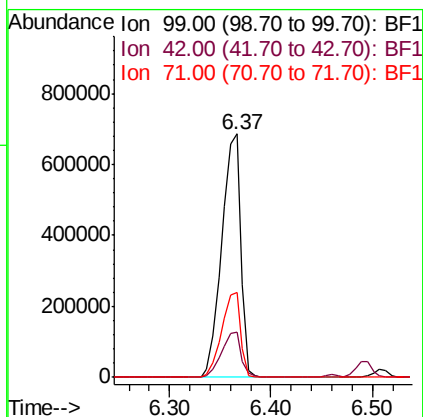
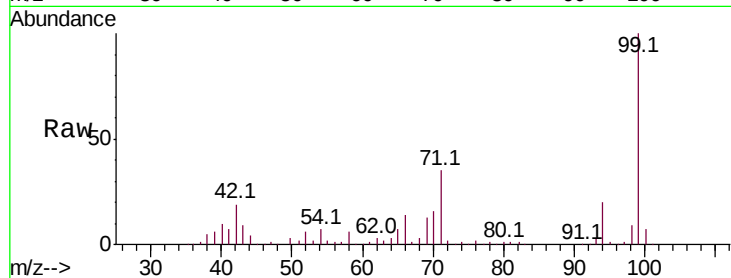
ClientSampleId :

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Tot Ion:	99	Resp:	895930
Ion Ratio	Lower	Upper	
99	100		
42	18.8	14.5	21.7
71	35.1	25.4	38.0

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#8

2-Chlorophenol

Concen: 41.427 ng

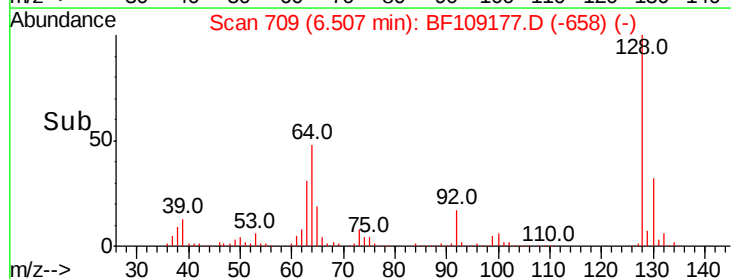
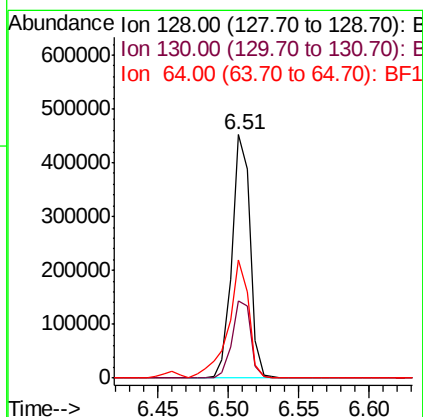
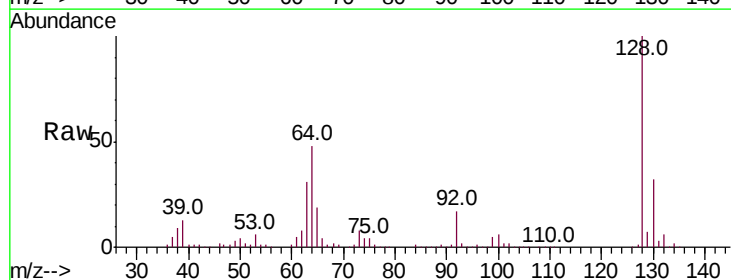
RT: 6.51 min Scan# 709

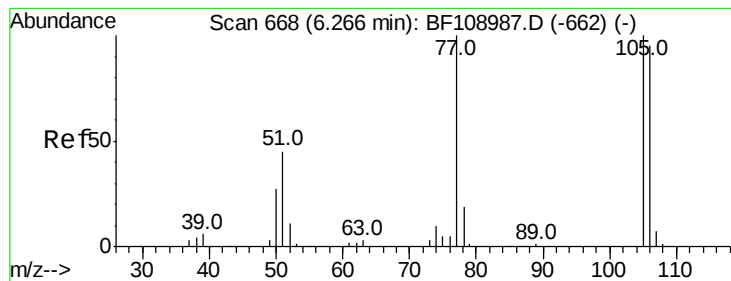
Delta R.T. 0.00 min

Lab File: BF109177.D

Acq: 20 Sep 2018 6:26

Tgt Ion:	128	Resp:	404566
Ion Ratio	Lower	Upper	
128	100		
130	31.9	13.0	53.0
64	48.4	29.4	69.4





#9

Benzaldehyde

Concen: 22.443 ng

RT: 6.27 min Scan# 668

Delta R.T. 0.00 min

Lab File: BF109177.D

Acq: 20 Sep 2018 6:26

Instrument :

BNA_F

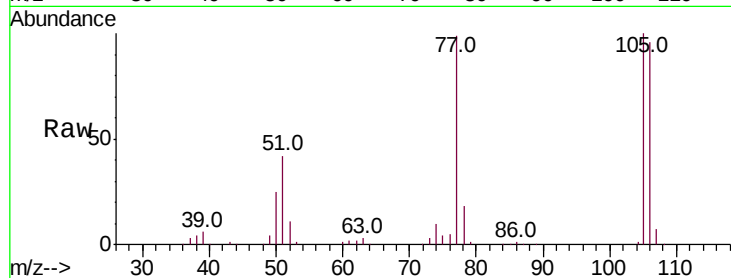
ClientSampleID :

PB112999BSD

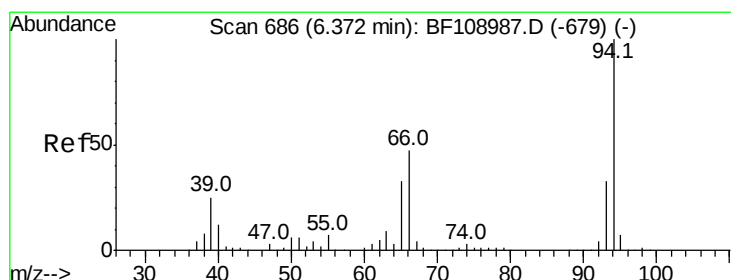
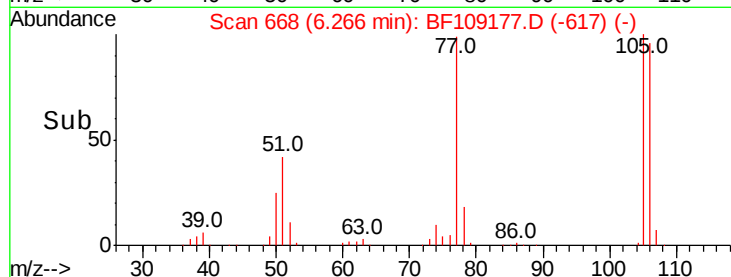
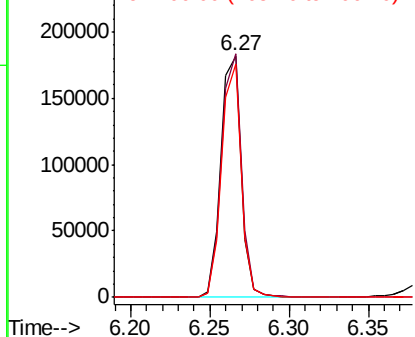
Tot Ion:	77	Resp:	161291
Ion Ratio	Lower	Upper	
77	100		
105	101.0	81.1	121.1
106	96.9	74.5	114.5

Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.901 ng

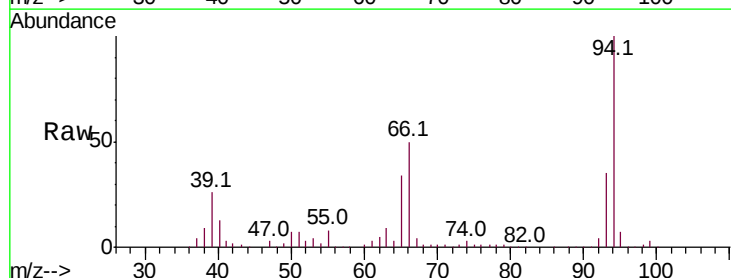
RT: 6.38 min Scan# 687

Delta R.T. 0.01 min

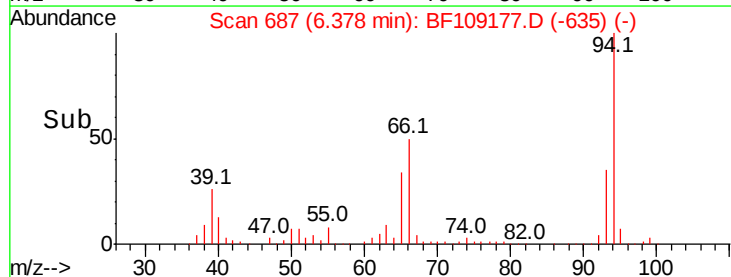
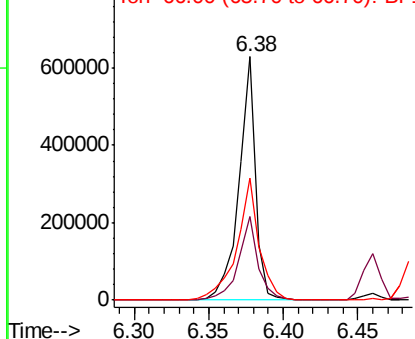
Lab File: BF109177.D

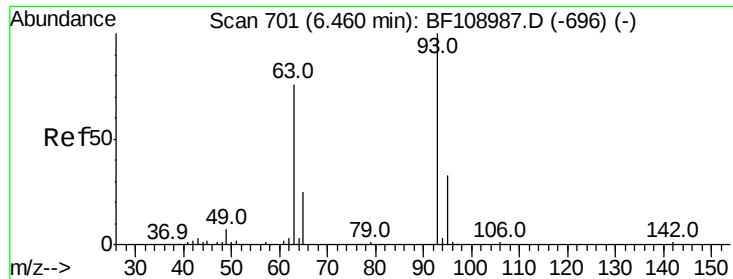
Acq: 20 Sep 2018 6:26

Tgt Ion:	94	Resp:	492532
Ion Ratio	Lower	Upper	
94	100		
65	34.4	7.9	47.9
66	50.3	16.2	56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





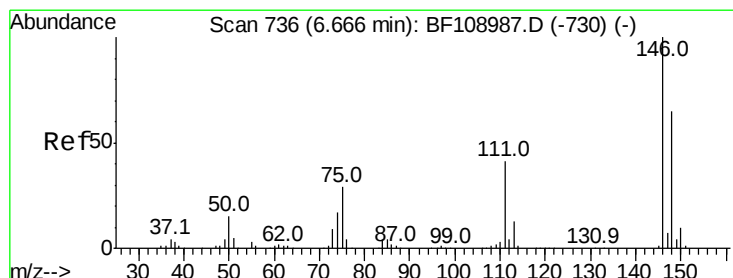
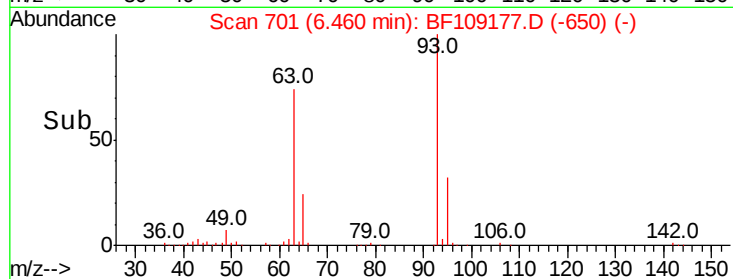
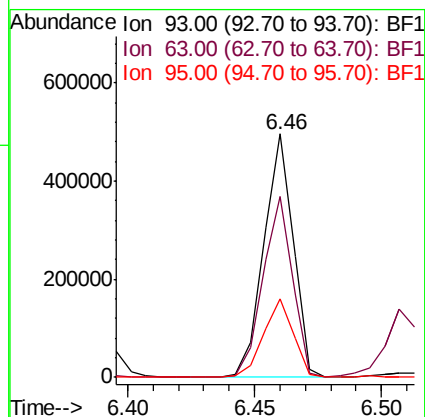
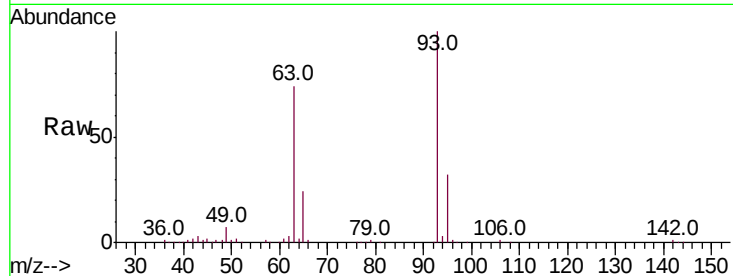
#11
bis(2-Chloroethyl)ether
Concen: 40.283 ng
RT: 6.46 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF109177.D
Acq: 20 Sep 2018 6:26

Instrument :
BNA_F
ClientSampleId :
PB112999BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	401247		
63	74.3	58.6	98.6	
95	32.1	11.8	51.8	

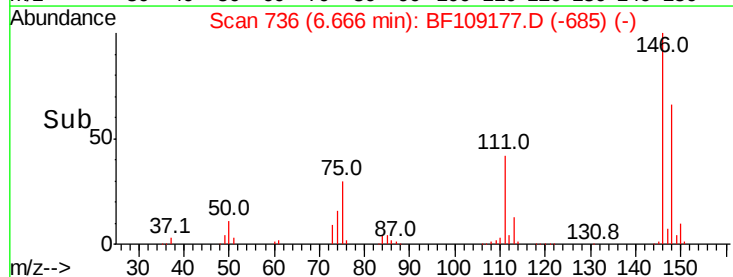
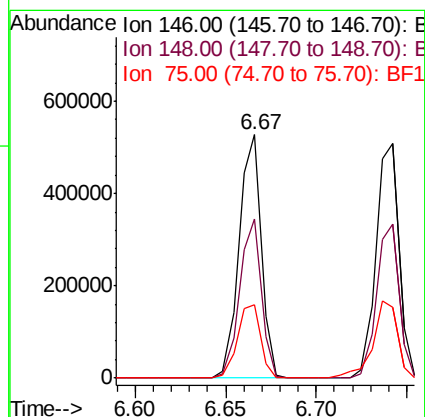
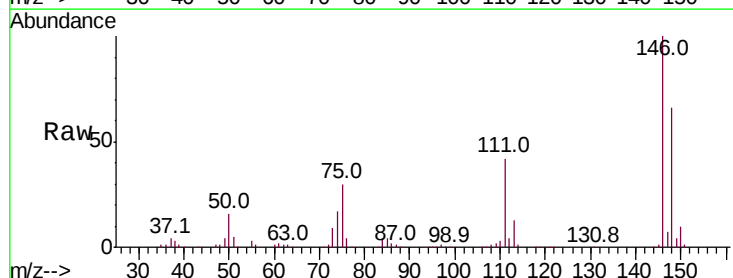
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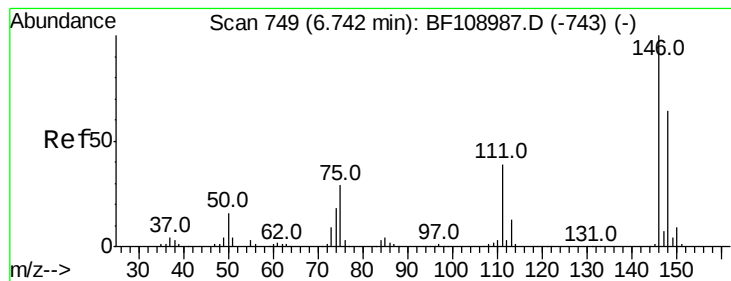
Sohil
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#12
1,3-Dichlorobenzene
Concen: 40.216 ng
RT: 6.67 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF109177.D
Acq: 20 Sep 2018 6:26

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	449148		
148	65.6	51.8	77.8	
75	30.0	24.2	36.4	





#13

1,4-Dichlorobenzene

Concen: 40.138 ng

RT: 6.74 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF109177.D

Acq: 20 Sep 2018 6:26

Instrument :

BNA_F

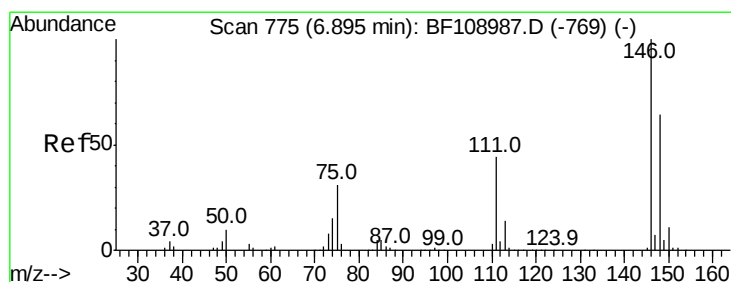
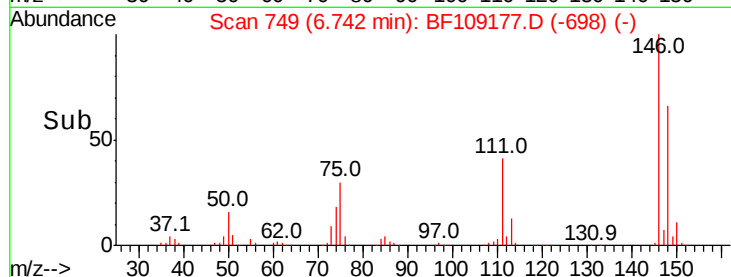
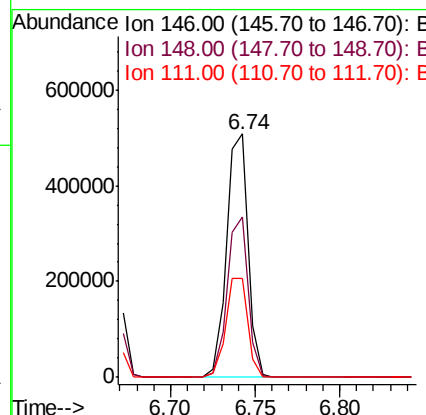
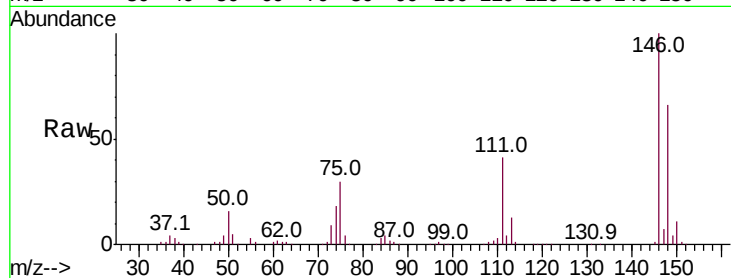
ClientSampleId :

PB112999BSD

Tot Ion:	146	Resp:	449712
Ion Ratio	Lower	Upper	
146	100		
148	65.7	50.8	76.2
111	40.7	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 40.598 ng

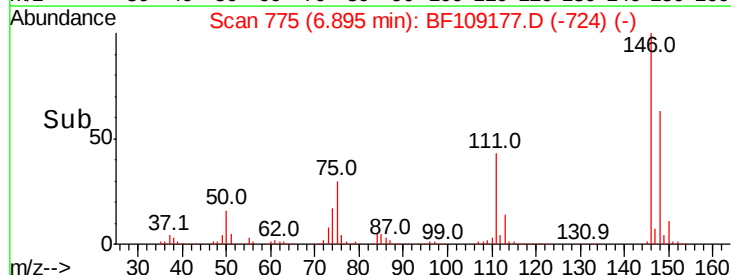
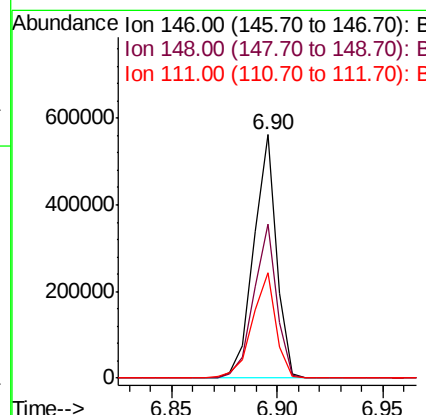
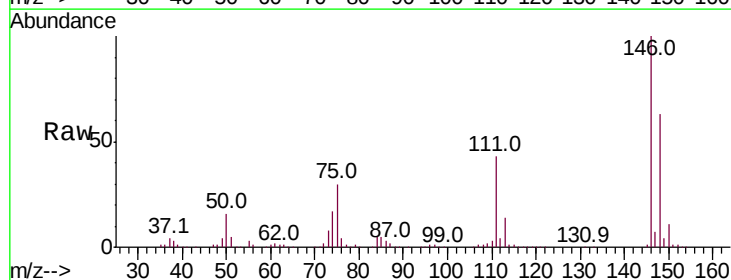
RT: 6.90 min Scan# 775

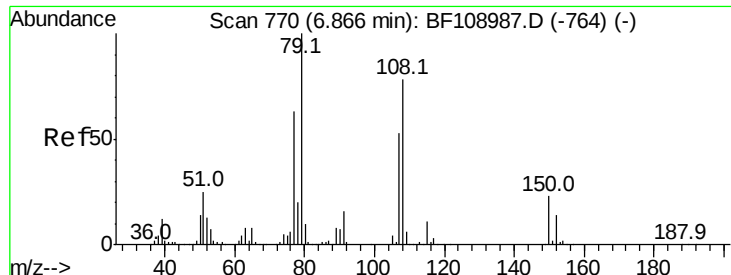
Delta R.T. 0.00 min

Lab File: BF109177.D

Acq: 20 Sep 2018 6:26

Tgt Ion:	146	Resp:	421698
Ion Ratio	Lower	Upper	
146	100		
148	63.4	50.6	75.8
111	43.1	36.0	54.0





#15

Benzyl Alcohol

Concen: 41.275 ng

RT: 6.87 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF109177.D

Acq: 20 Sep 2018 6:26

Instrument :

BNA_F

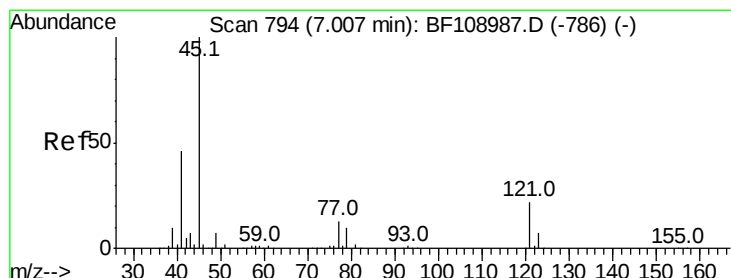
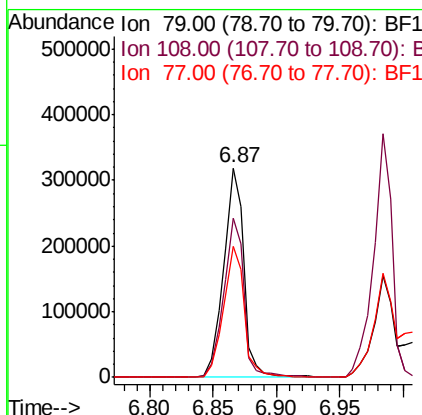
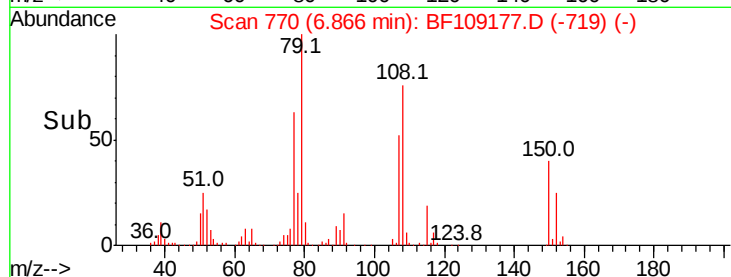
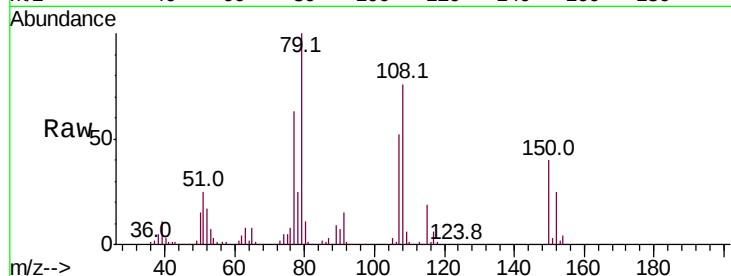
ClientSampleId :

PB112999BSD

Tot Ion:	79	Resp:	352603
Ion Ratio	Lower	Upper	
79	100		
108	76.0	65.1	97.7
77	62.8	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.554 ng

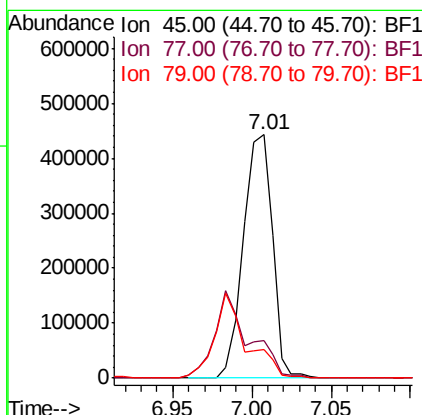
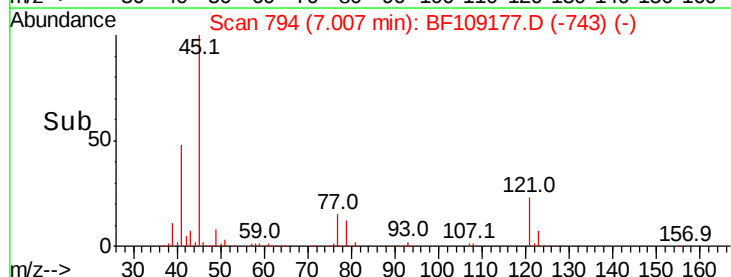
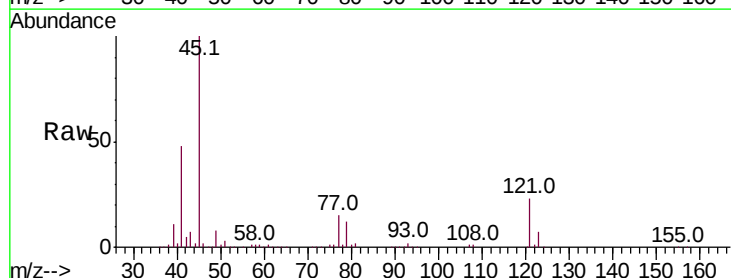
RT: 7.01 min Scan# 794

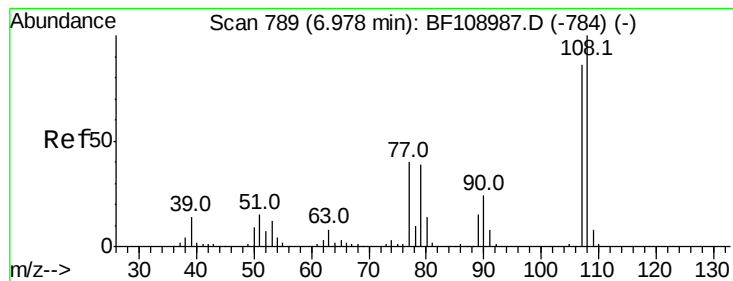
Delta R.T. 0.00 min

Lab File: BF109177.D

Acq: 20 Sep 2018 6:26

Tgt Ion:	45	Resp:	564503
Ion Ratio	Lower	Upper	
45	100		
77	15.4	0.0	32.9
79	12.0	0.0	29.6





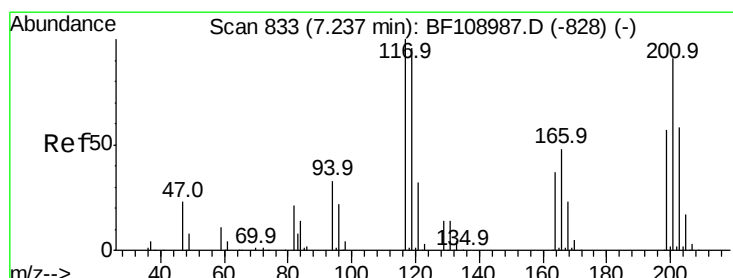
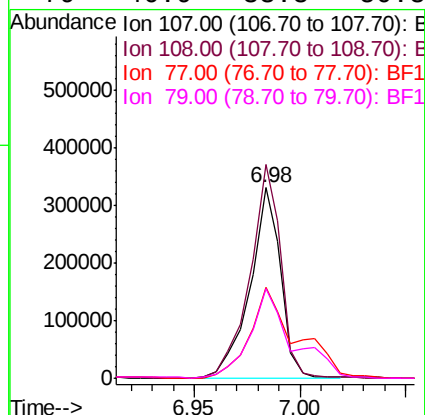
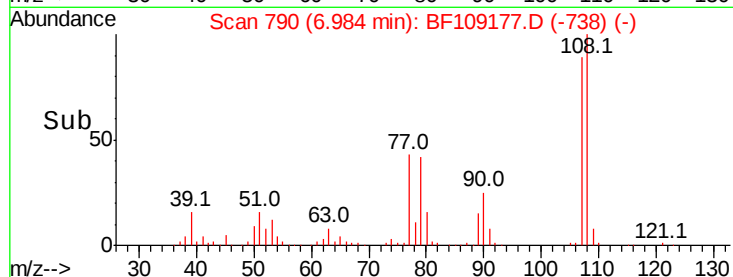
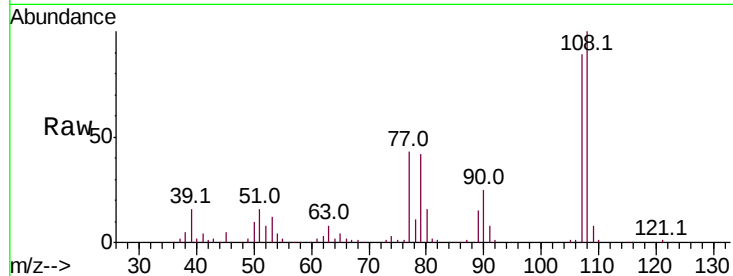
#17
2-Methylphenol
Concen: 41.924 ng
RT: 6.98 min Scan# 790
Delta R.T. 0.01 min
Lab File: BF109177.D
Acq: 20 Sep 2018 6:26

Instrument :
BNA_F
ClientSampleId :
PB112999BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.1	91.7	137.5	
77	48.0	33.8	50.8	
79	46.9	33.8	50.8	

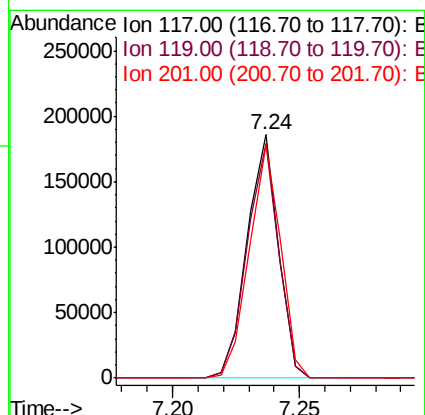
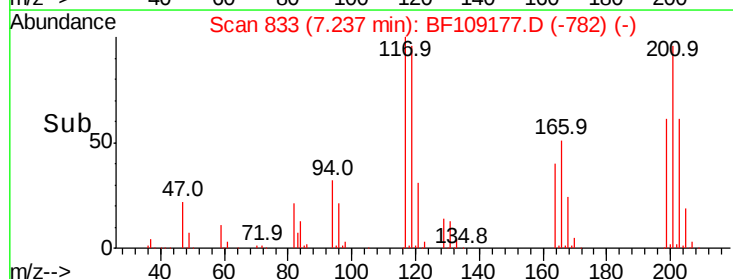
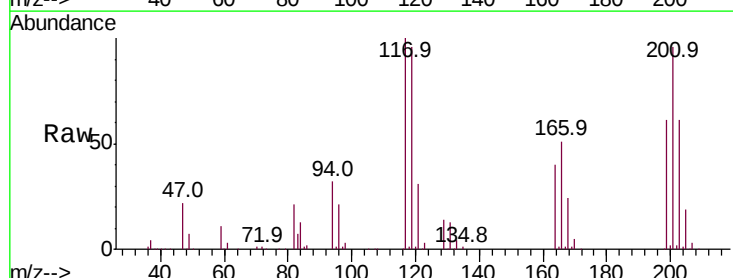
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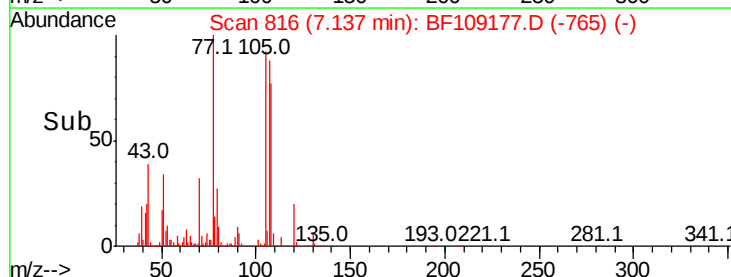
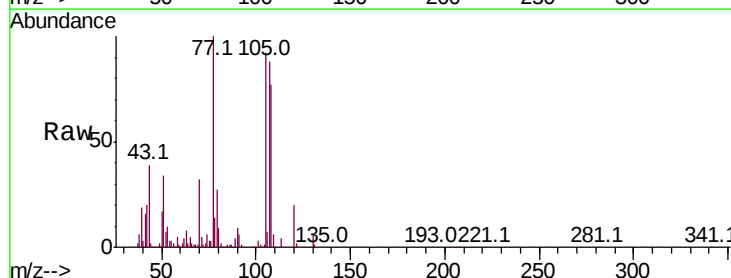
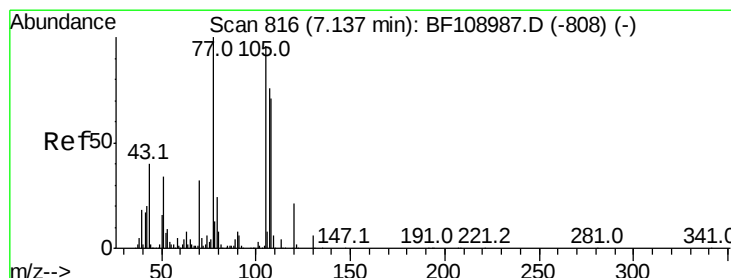
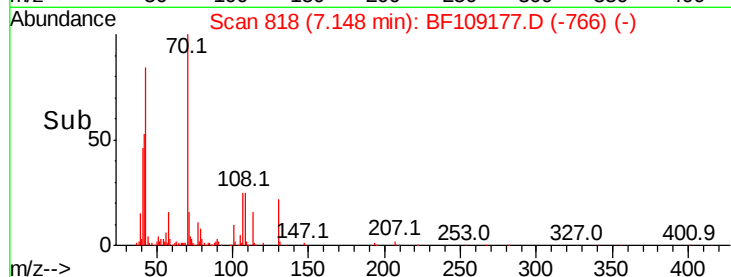
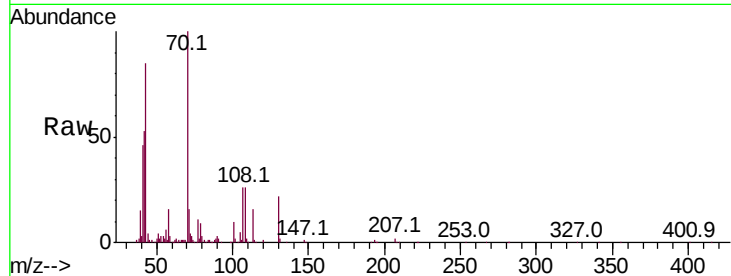
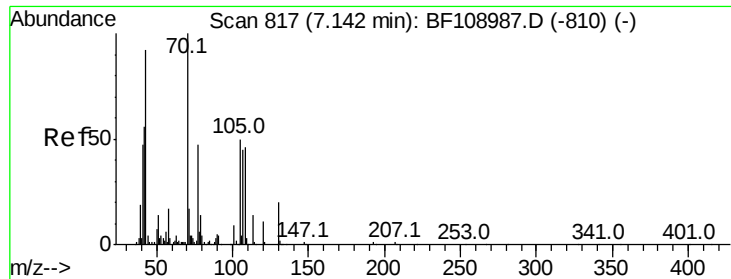
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#18
Hexachloroethane
Concen: 39.137 ng
RT: 7.24 min Scan# 833
Delta R.T. -0.00 min
Lab File: BF109177.D
Acq: 20 Sep 2018 6:26

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.4	75.8	113.8	
201	95.8	75.7	113.5	





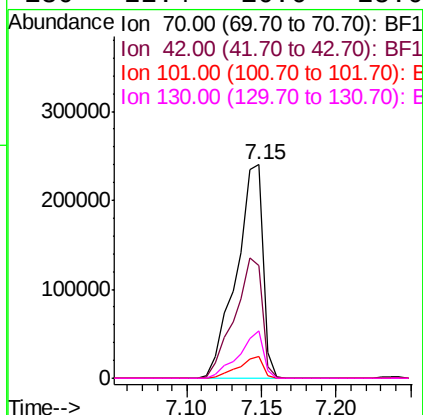
#19
n-Nitroso-di-n-propylamine
Concen: 40.121 ng
RT: 7.15 min Scan# 818
Delta R.T. 0.01 min
Lab File: BF109177.D
Acq: 20 Sep 2018 6:26

Instrument :
BNA_F
ClientSampleId :
PB112999BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	52.8	47.5	71.3
101	10.1	7.4	11.2
130	22.4	16.6	25.0

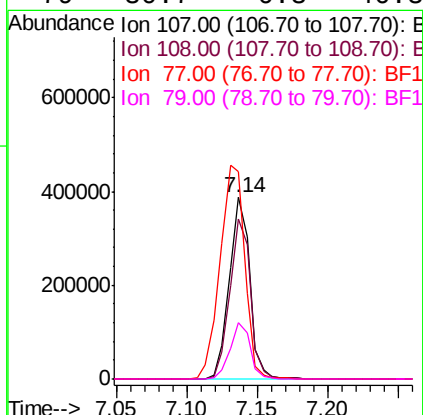
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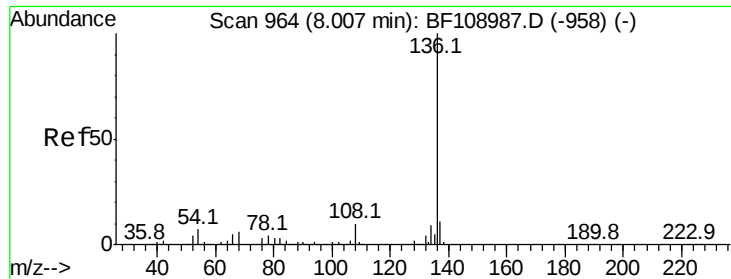
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#20
3+4-Methylphenols
Concen: 40.783 ng
RT: 7.14 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF109177.D
Acq: 20 Sep 2018 6:26

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.8	68.2	108.2
77	114.1	26.7	66.7#
79	30.7	6.3	46.3





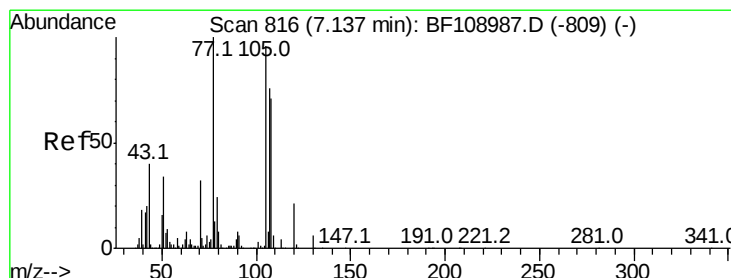
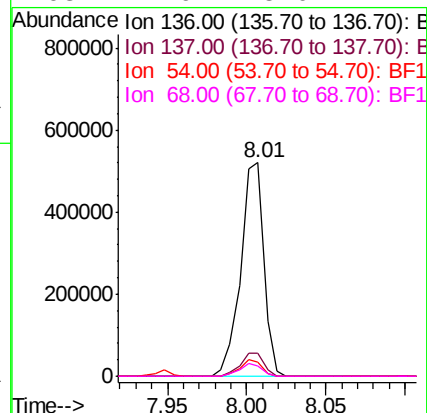
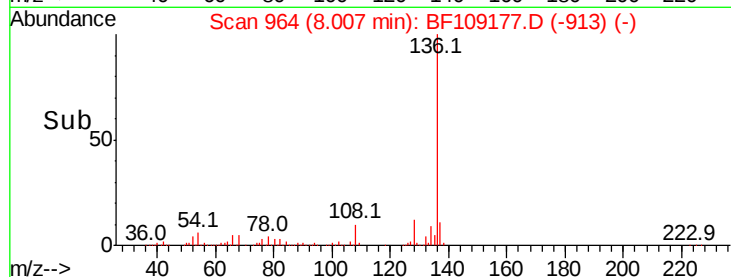
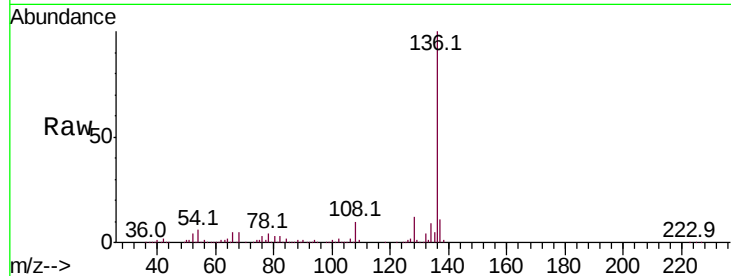
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 964
Delta R.T. 0.00 min
Lab File: BF109177.D
Acq: 20 Sep 2018 6:26

Instrument :
BNA_F
ClientSampleId :
PB112999BSD

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.5	6.6	9.8#
68	4.9	5.0	7.4#

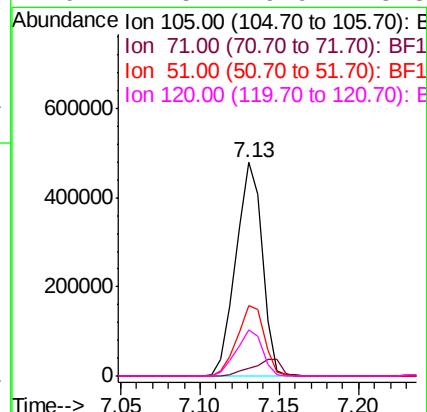
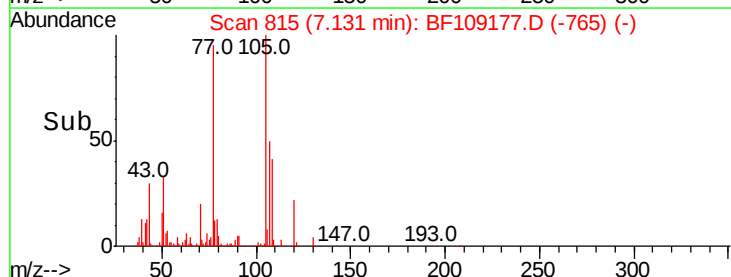
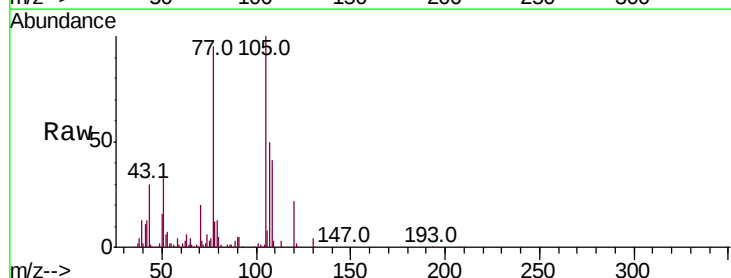
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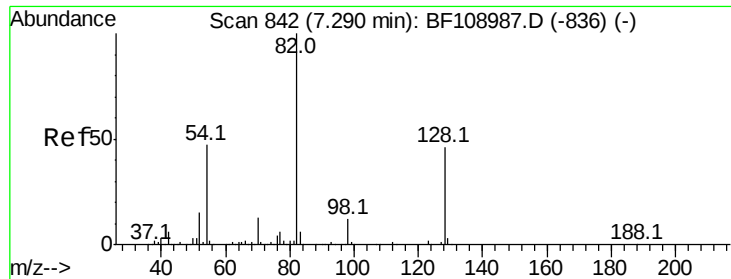
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#22
Acetophenone
Concen: 46.093 ng
RT: 7.13 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF109177.D
Acq: 20 Sep 2018 6:26

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	3.4	4.4	6.6#
51	33.2	22.3	33.5
120	21.5	16.9	25.3





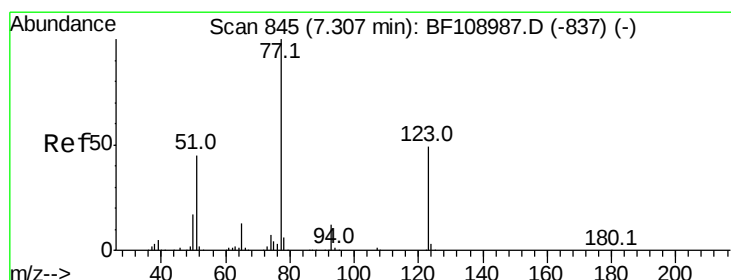
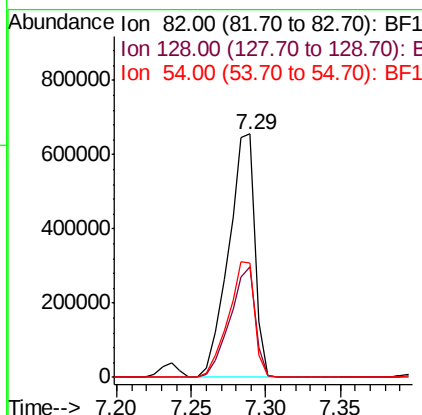
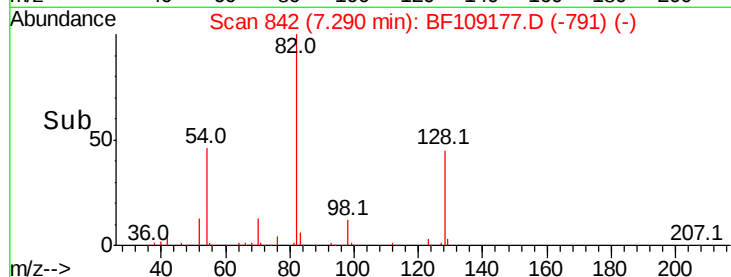
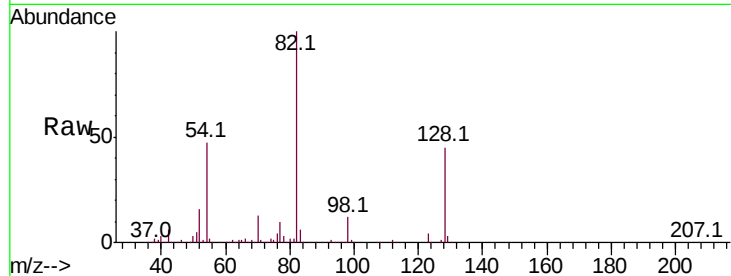
#23
 Nitrobenzene-d5
 Concen: 86.446 ng
 RT: 7.29 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BF109177.D
 Acq: 20 Sep 2018 6:26

Instrument :
 BNA_F
 ClientSampled :
 PB112999BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	811279		
128	45.3	36.1	54.1	
54	46.9	41.4	62.2	

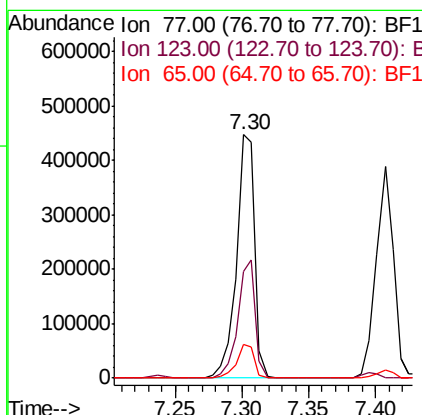
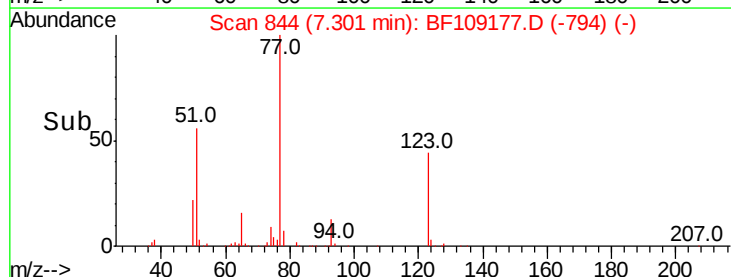
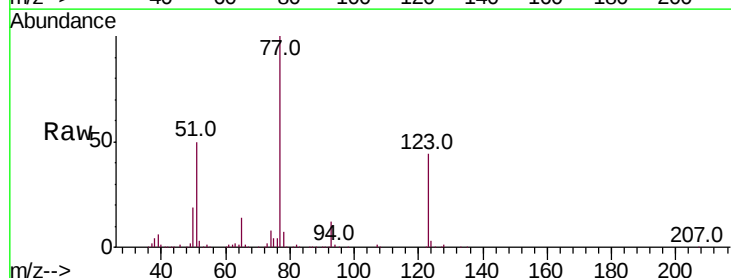
Manual Integrations
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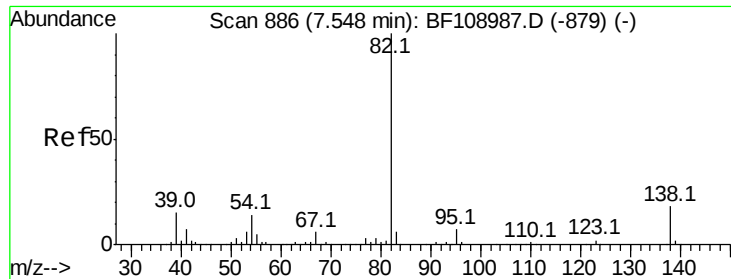
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#24
 Nitrobenzene
 Concen: 44.296 ng
 RT: 7.30 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BF109177.D
 Acq: 20 Sep 2018 6:26

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	428601		
123	44.0	37.9	56.9	
65	13.6	11.0	16.4	





#25

Isophorone

Concen: 49.300 ng

RT: 7.55 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF109177.D

Acq: 20 Sep 2018 6:26

Instrument :

BNA_F

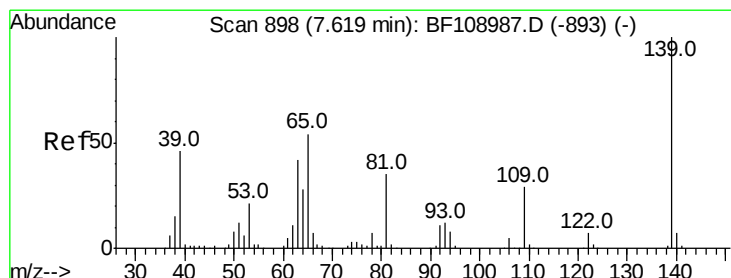
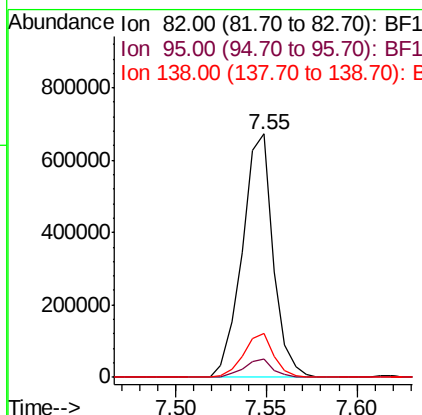
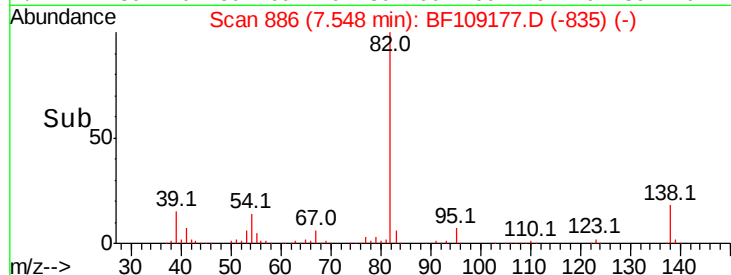
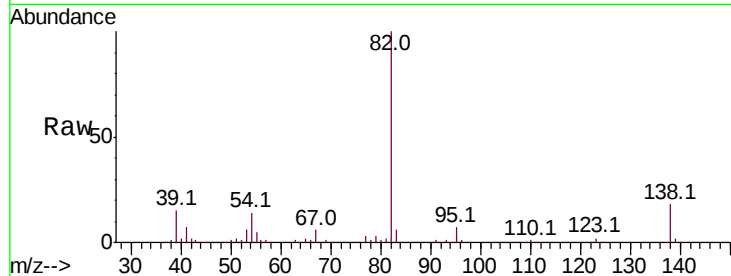
ClientSampleId :

PB112999BSD

Tot Ion:	82	Resp:	795323
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.2	7.8
138	18.2	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 34.755 ng

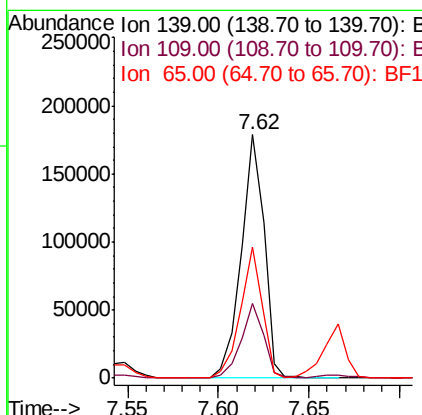
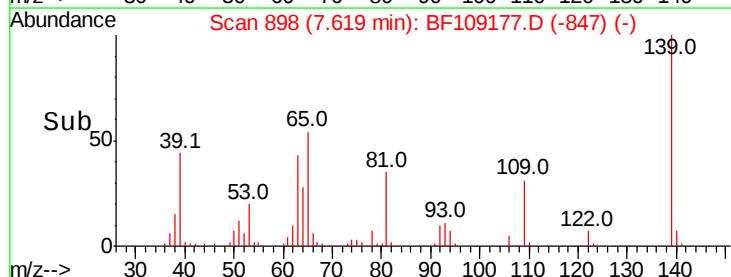
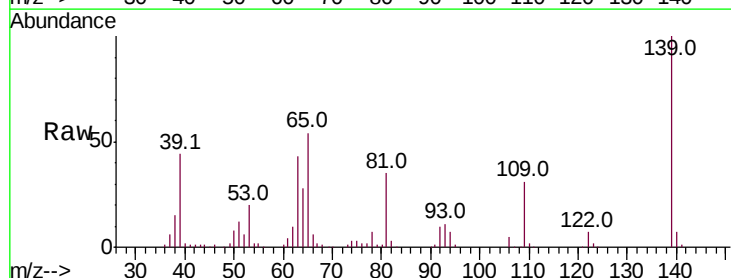
RT: 7.62 min Scan# 898

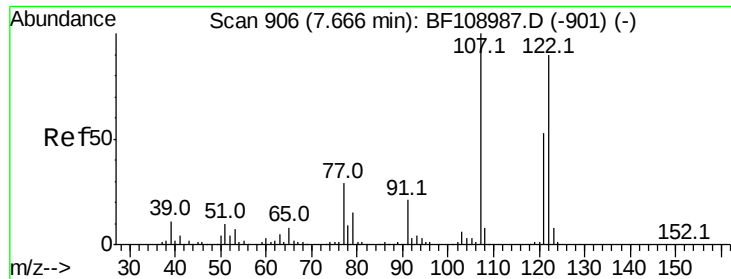
Delta R.T. 0.00 min

Lab File: BF109177.D

Acq: 20 Sep 2018 6:26

Tgt Ion:	139	Resp:	157027
Ion Ratio	Lower	Upper	
139	100		
109	30.6	22.7	34.1
65	53.9	40.5	60.7





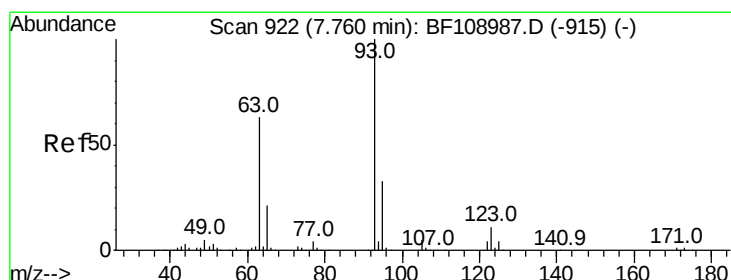
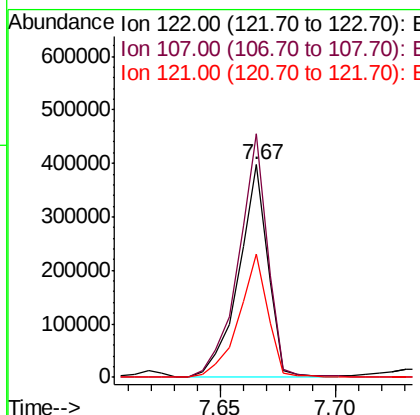
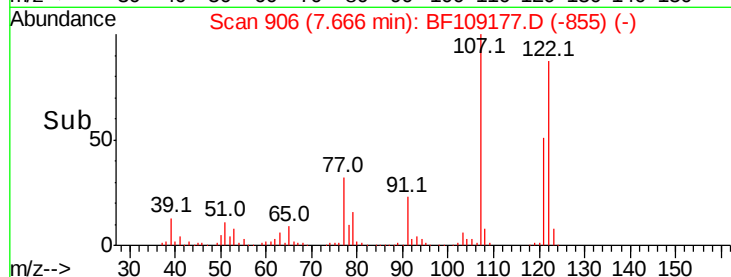
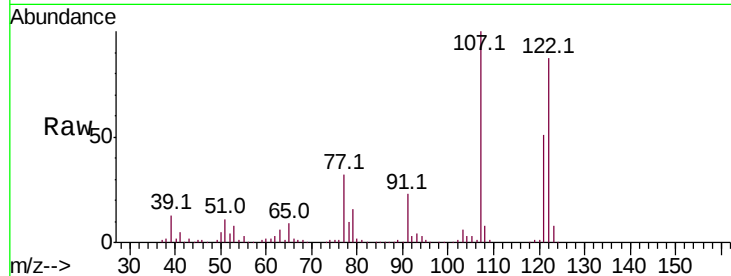
#27
 2,4-Dimethylphenol
 Concen: 49.613 ng
 RT: 7.67 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BF109177.D
 Acq: 20 Sep 2018 6:26

Instrument :
 BNA_F
 ClientSampleId :
 PB112999BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	351618		
107	114.4	91.2	136.8	
121	58.1	47.2	70.8	

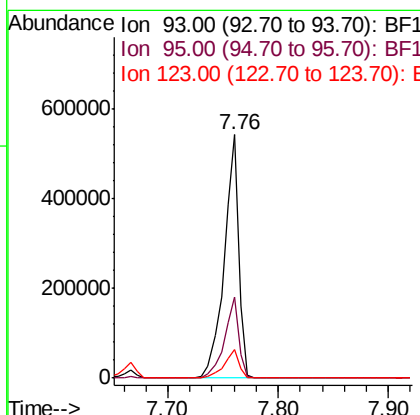
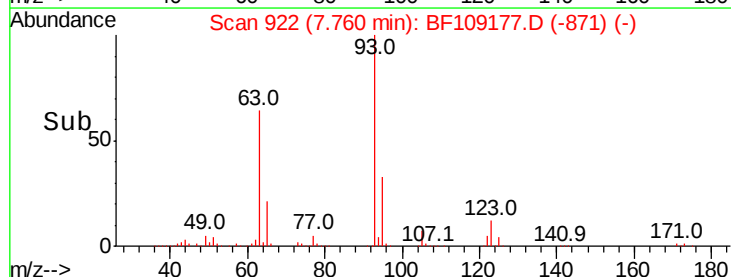
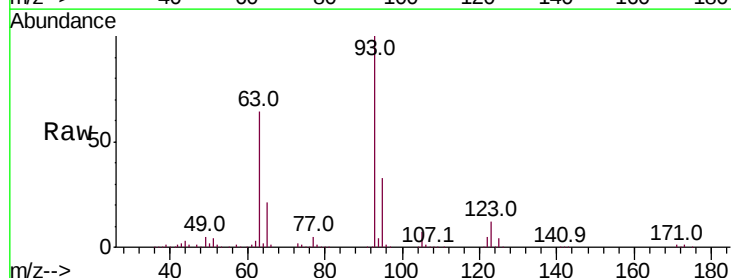
Manual Integrations
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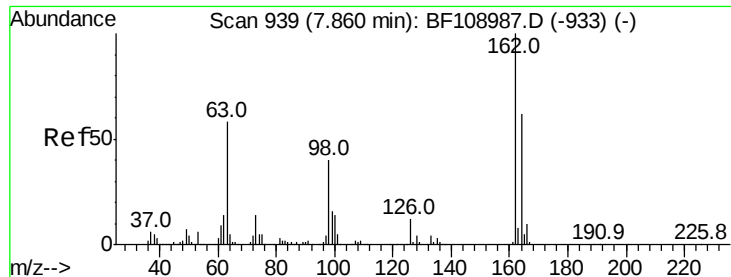
Sohil
 9/20/2018 10:07:01 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.835 ng
 RT: 7.76 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: BF109177.D
 Acq: 20 Sep 2018 6:26

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	497581		
95	33.3	26.3	39.5	
123	11.9	9.8	14.6	





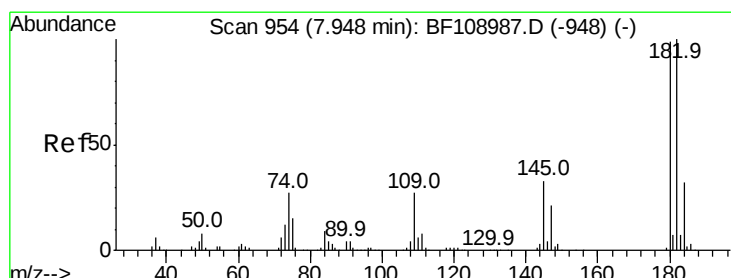
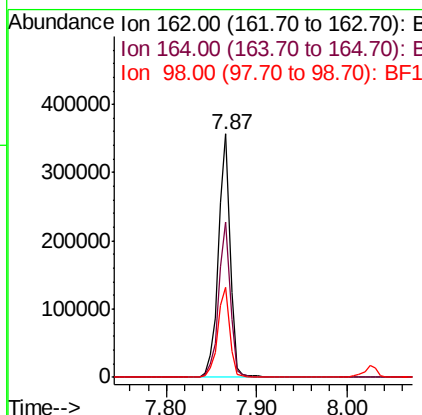
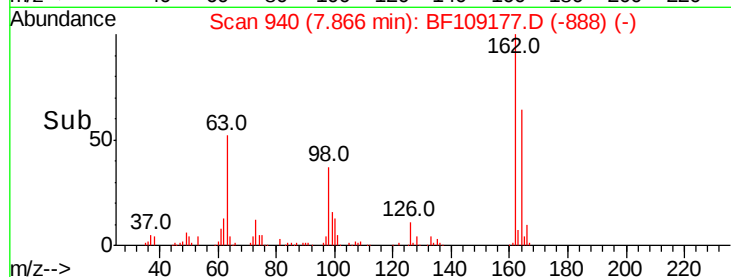
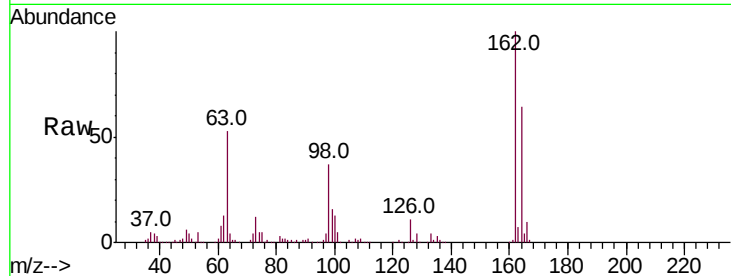
#29
 2,4-Dichlorophenol
 Concen: 41.947 ng
 RT: 7.87 min Scan# 940
 Delta R.T. 0.01 min
 Lab File: BF109177.D
 Acq: 20 Sep 2018 6:26

Instrument :
 BNA_F
 ClientSampleId :
 PB112999BSD

Tot Ion:	162	Resp:	316797
Ion Ratio	Lower	Upper	
162	100		
164	63.6	42.7	82.7
98	37.0	18.1	58.1

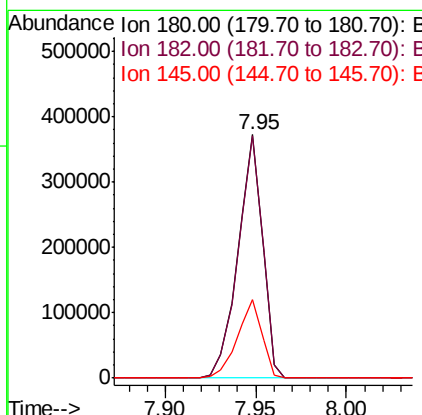
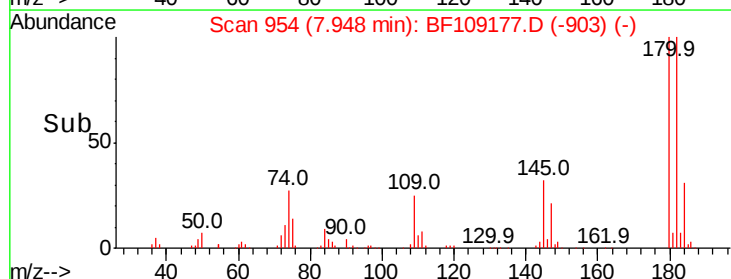
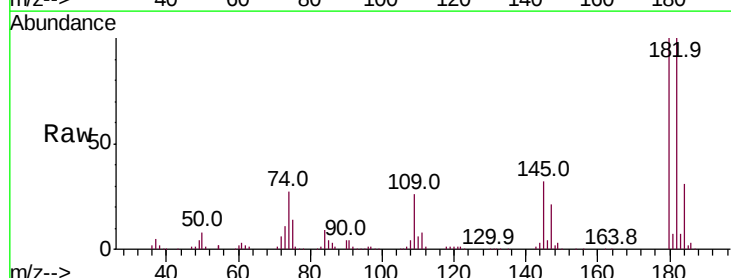
Manual Integrations
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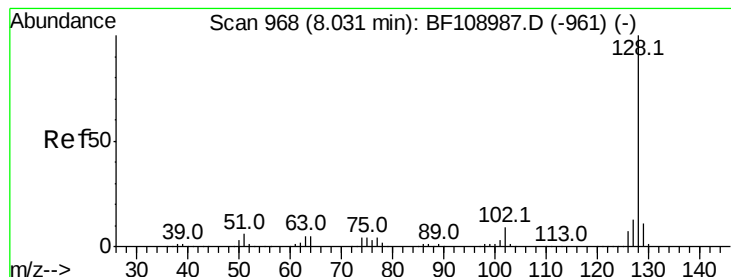
Sohil
 9/20/2018 10:07:01 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 42.857 ng
 RT: 7.95 min Scan# 954
 Delta R.T. 0.00 min
 Lab File: BF109177.D
 Acq: 20 Sep 2018 6:26

Tgt Ion:	180	Resp:	349879
Ion Ratio	Lower	Upper	
180	100		
182	99.6	76.8	115.2
145	32.1	26.5	39.7





#31

Naphthalene

Concen: 46.288 ng

RT: 8.02 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF109177.D

Acq: 20 Sep 2018 6:26

Instrument :

BNA_F

ClientSampleId :

PB112999BSD

Tot Ion:128 Resp: 1130868

Ion Ratio Lower Upper

128 100

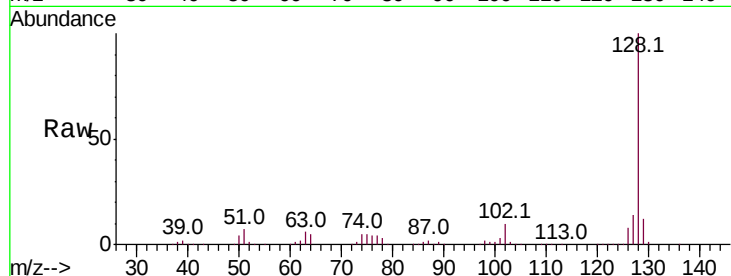
129 11.7 8.8 13.2

127 13.5 10.9 16.3

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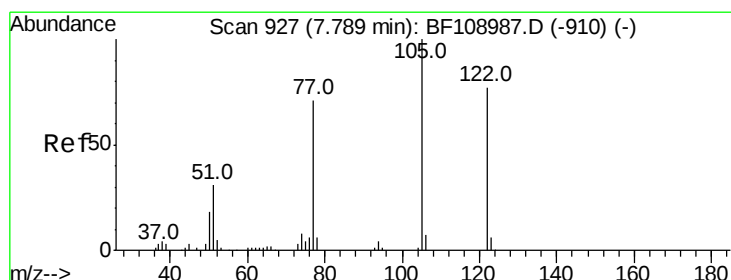
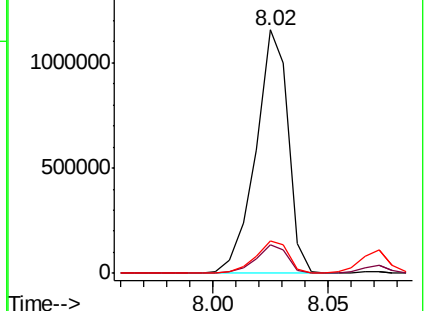
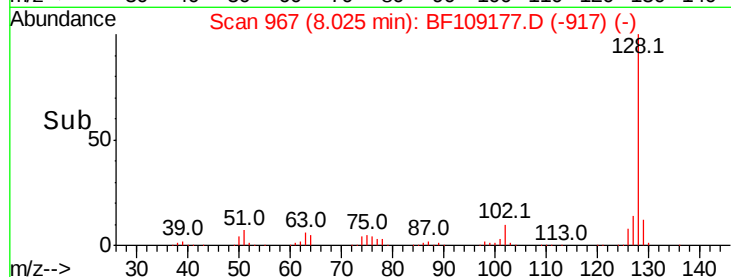
9/20/2018 10:07:01 AM



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: 23.304 ng m

RT: 7.76 min Scan# 922

Delta R.T. -0.03 min

Lab File: BF109177.D

Acq: 20 Sep 2018 6:26

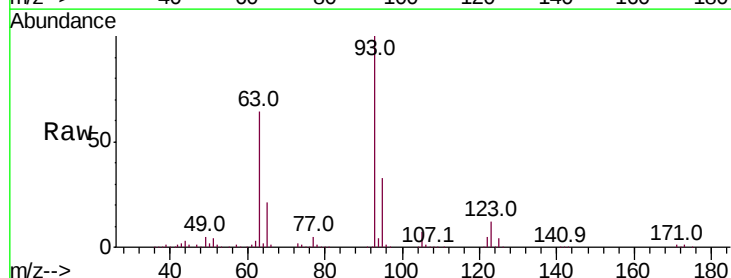
Tgt Ion:122 Resp: 107920

Ion Ratio Lower Upper

122 100

105 124.0 101.1 141.1

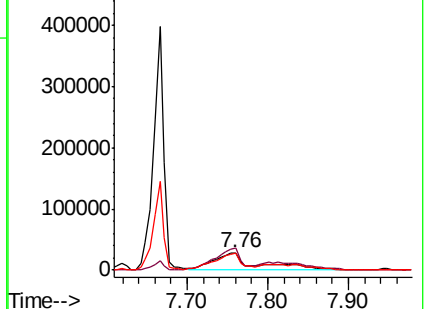
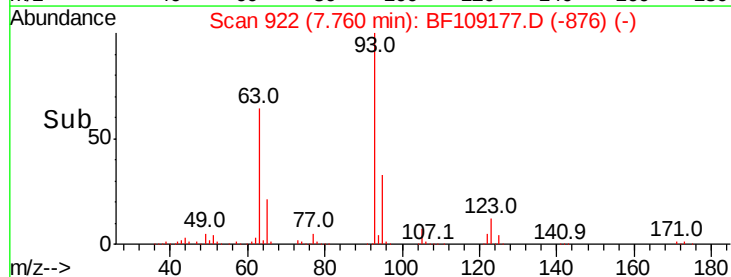
77 94.6 70.7 110.7

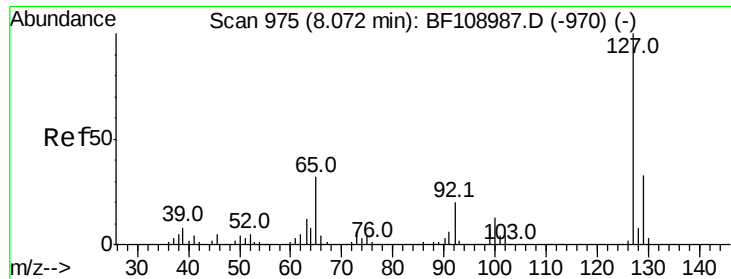


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





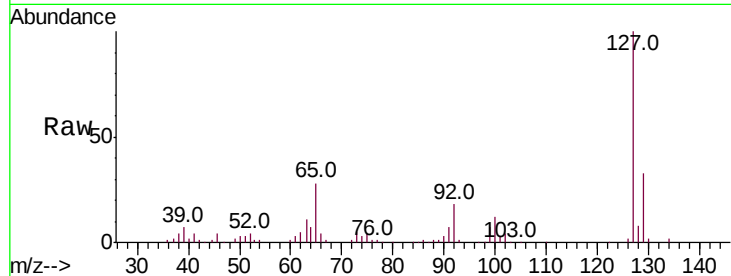
#33
4-Chloroaniline
Concen: 9.680 ng
RT: 8.07 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF109177.D
Acq: 20 Sep 2018 6:26

Instrument :
BNA_F
ClientSampleId :
PB112999BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.7	25.9	38.9	
65	28.0	25.0	37.4	
92	17.8	15.2	22.8	

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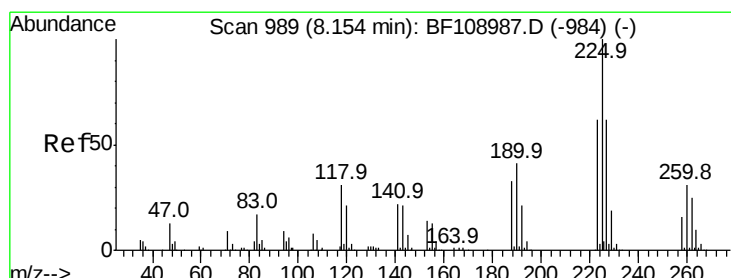
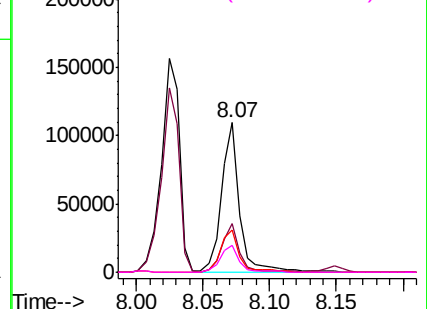
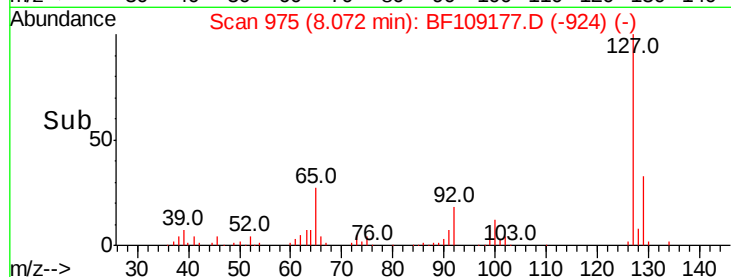
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

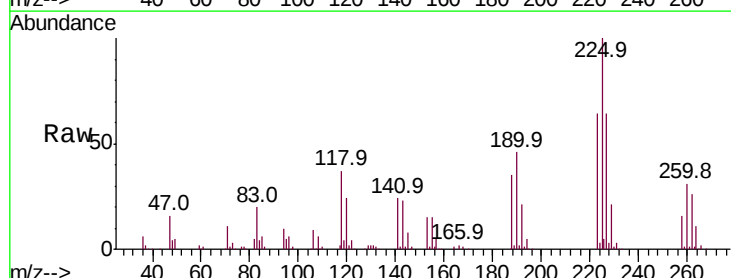
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 43.293 ng
RT: 8.15 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF109177.D
Acq: 20 Sep 2018 6:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.1	50.6	76.0	
227	64.3	51.9	77.9	

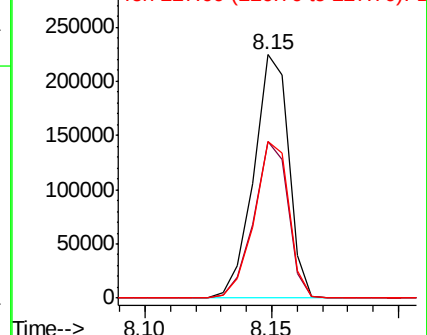
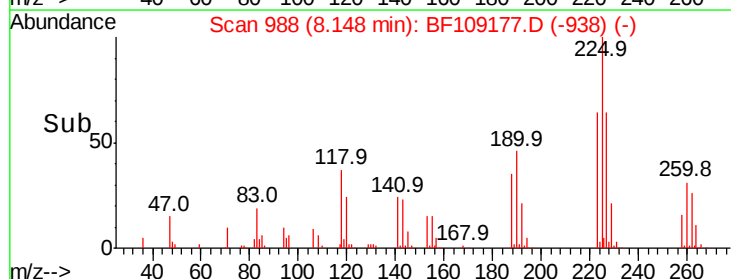


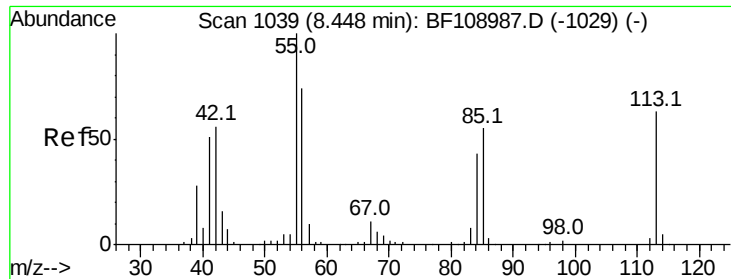
Abundance

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





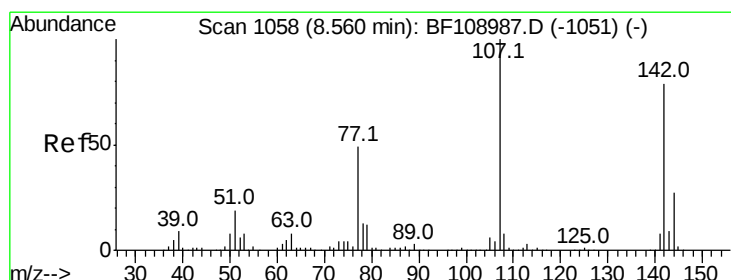
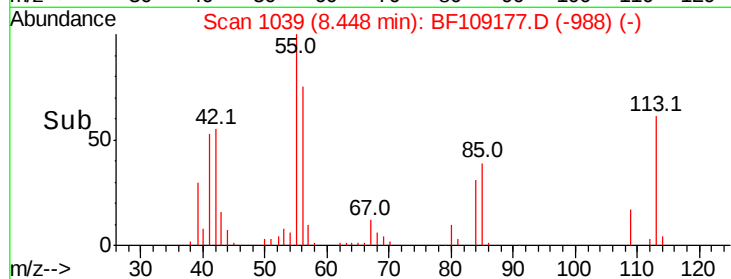
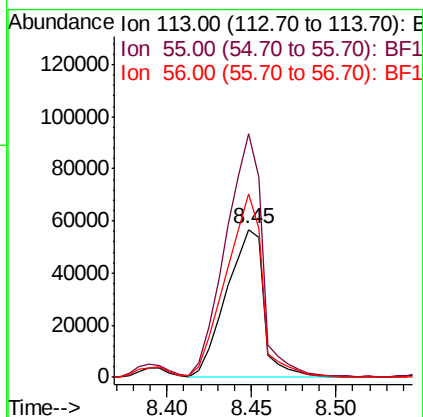
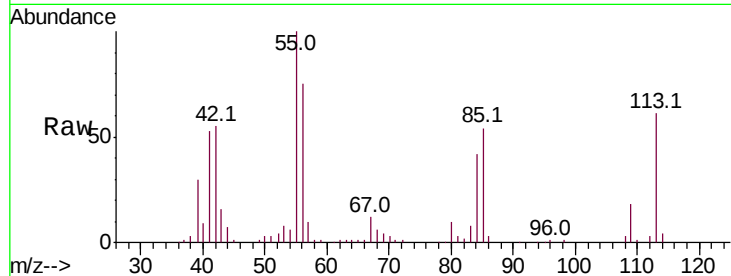
#35
 Caprolactam
 Concen: 35.705 ng
 RT: 8.45 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF109177.D
 Acq: 20 Sep 2018 6:26

Instrument :
 BNA_F
 ClientSampleId :
 PB112999BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		87916		
55	164.6	163.3	203.3		
56	123.8	115.7	155.7		

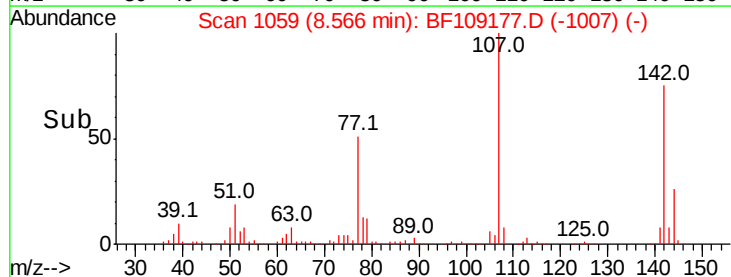
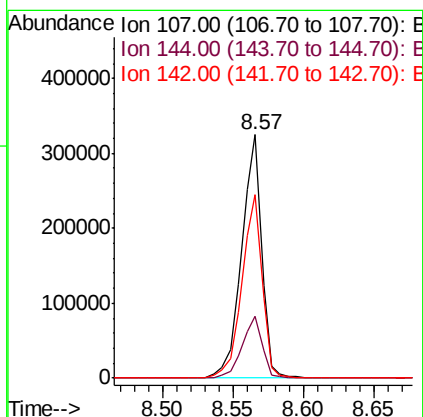
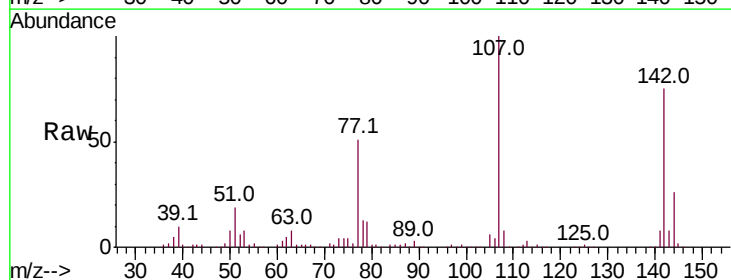
Manual Integrations
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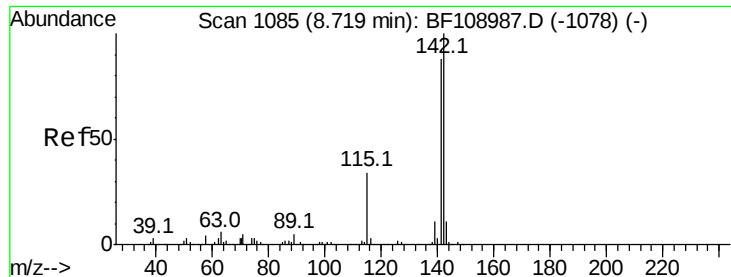
Sohil
 9/20/2018 10:07:01 AM



#36
 4-Chloro-3-methylphenol
 Concen: 40.568 ng
 RT: 8.57 min Scan# 1059
 Delta R.T. 0.01 min
 Lab File: BF109177.D
 Acq: 20 Sep 2018 6:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		322534		
144	25.5	20.5	30.7		
142	75.4	62.0	93.0		





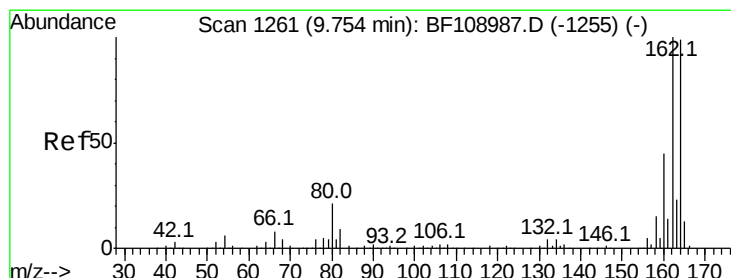
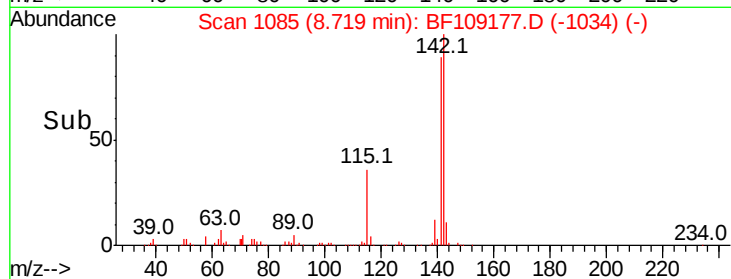
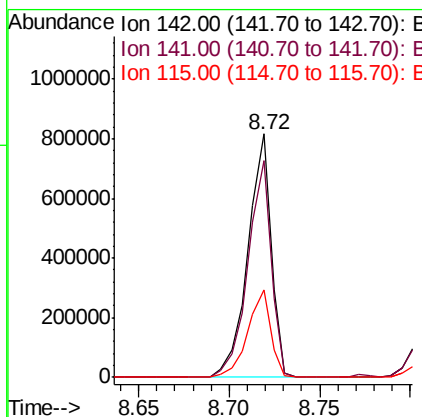
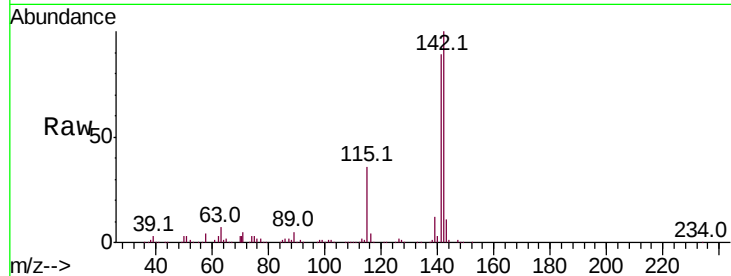
#37
2-Methylnaphthalene
Concen: 45.869 ng
RT: 8.72 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BF109177.D
Acq: 20 Sep 2018 6:26

Instrument :
BNA_F
ClientSampleId :
PB112999BSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	730499		
141	89.1		70.8	106.2
115	35.8		26.1	39.1

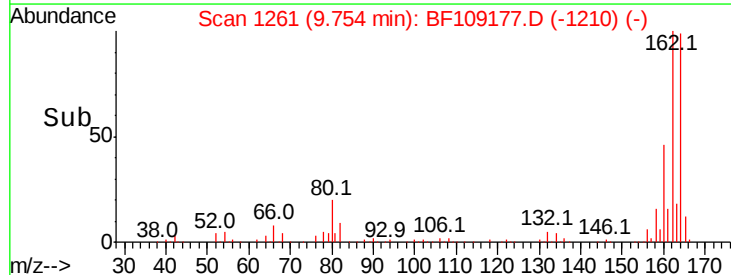
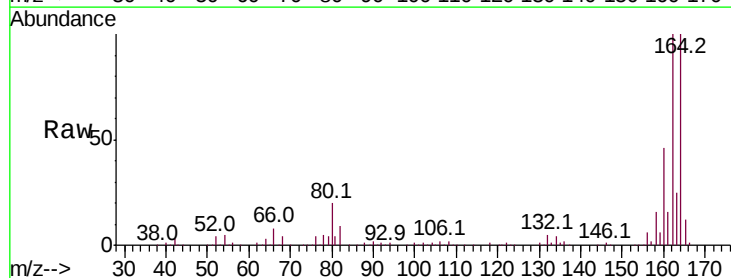
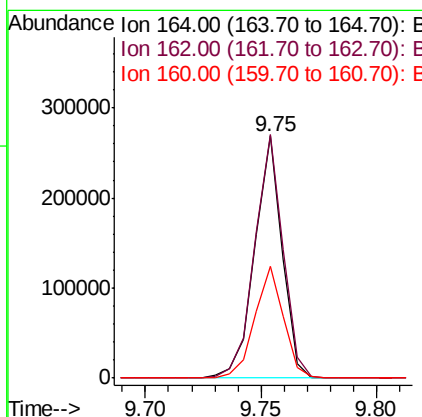
Manual Integrations
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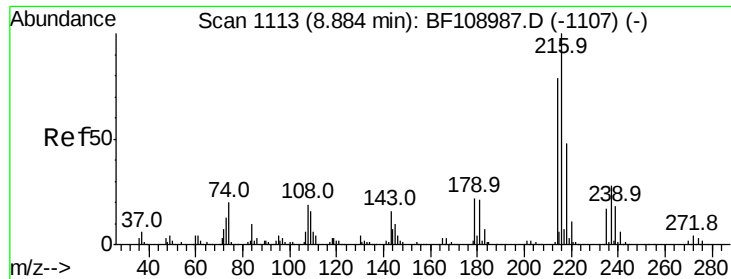
Sohil
9/20/2018 10:07:01 AM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BF109177.D
Acq: 20 Sep 2018 6:26

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	223142		
162	100.5		86.1	129.1
160	46.1		38.3	57.5





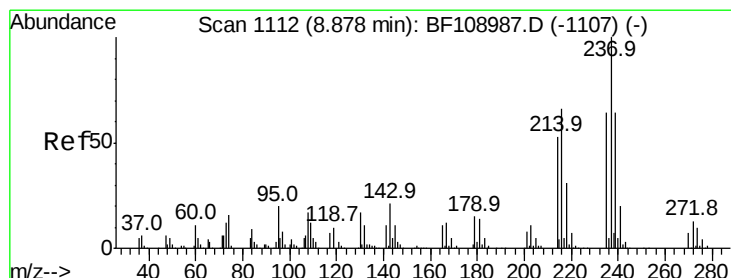
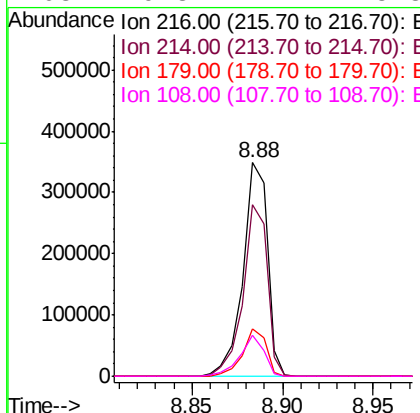
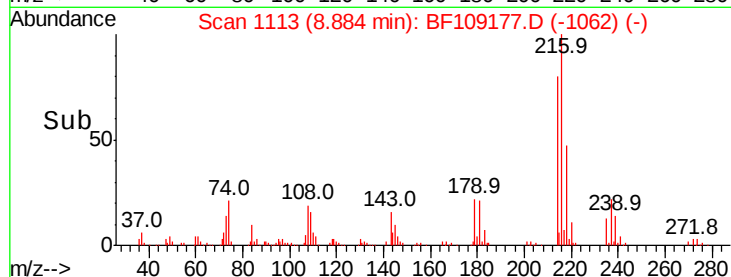
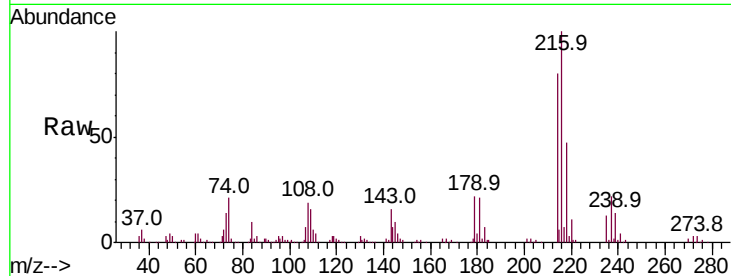
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.568 ng
 RT: 8.88 min Scan# 1113
 Delta R.T. 0.00 min
 Lab File: BF109177.D
 Acq: 20 Sep 2018 6:26

Instrument :
 BNA_F
 ClientSampleId :
 PB112999BSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.3	63.0	94.4
179	21.1	18.1	27.1
108	19.3	17.2	25.8

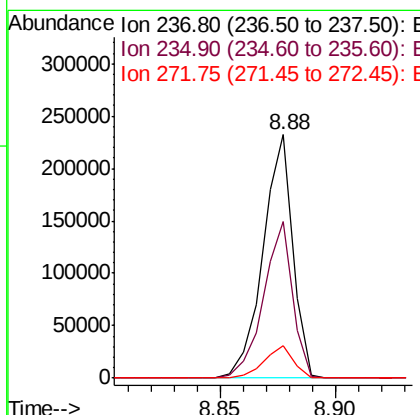
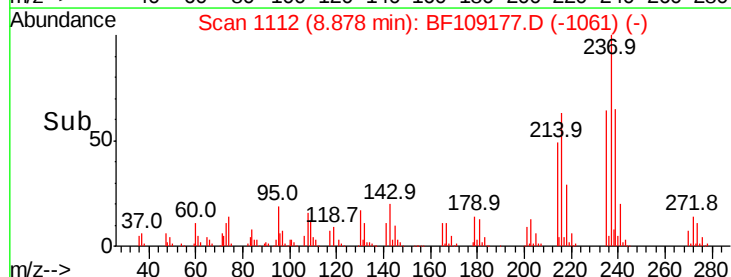
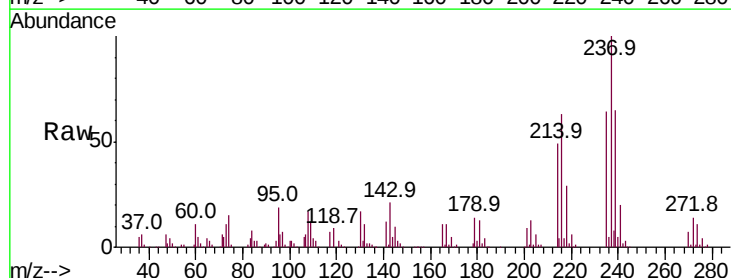
Manual Integrations
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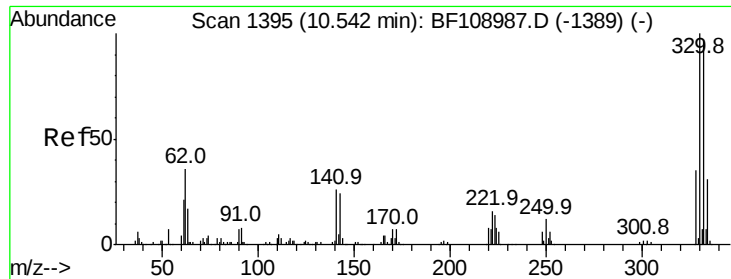
Sohil
 9/20/2018 10:07:01 AM



#40
 Hexachlorocyclopentadiene
 Concen: 58.852 ng
 RT: 8.88 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BF109177.D
 Acq: 20 Sep 2018 6:26

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	64.2	44.8	84.8
272	13.5	0.0	33.3





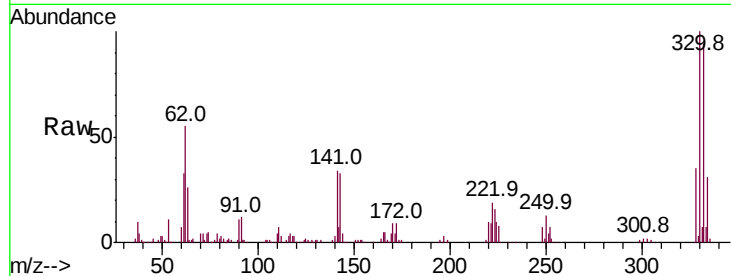
#41
 2,4,6-Tribromophenol
 Concen: 72.594 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109177.D
 Acq: 20 Sep 2018 6:26

Instrument :
 BNA_F
 ClientSampleId :
 PB112999BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	175799		
332	96.0	77.0	115.6	
141	31.8	29.9	44.9	

Manual Integrations
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 9/20/2018 10:07:01 AM

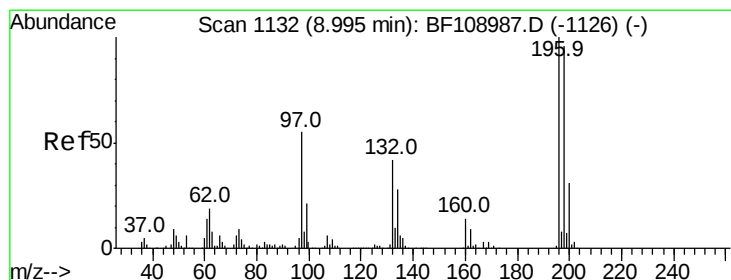
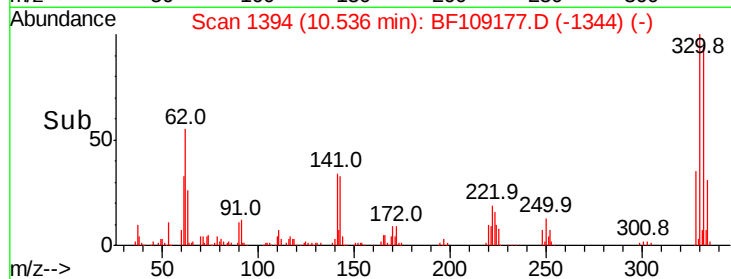
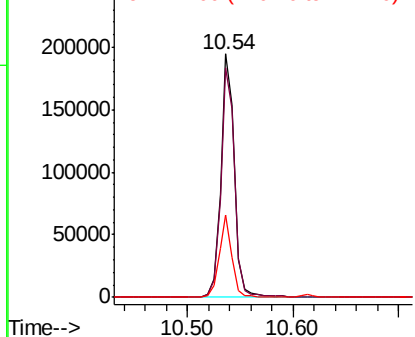


Abundance

Ion 329.80 (329.50 to 330.50): E

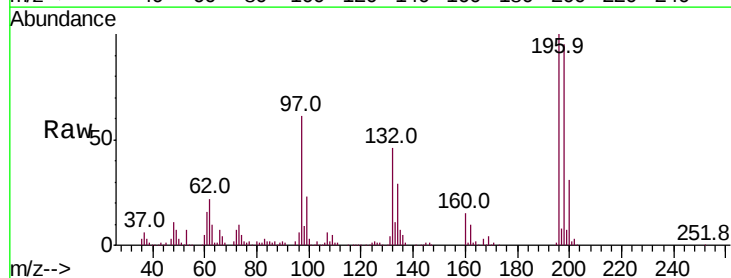
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 43.653 ng
 RT: 9.00 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: BF109177.D
 Acq: 20 Sep 2018 6:26

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	206071		
198	94.7	75.7	113.5	
200	30.8	24.5	36.7	

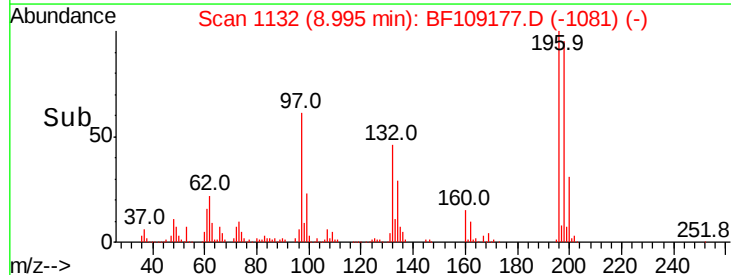
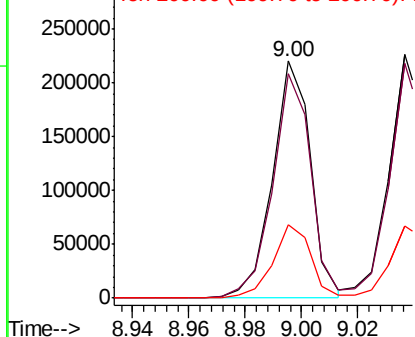


Abundance

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





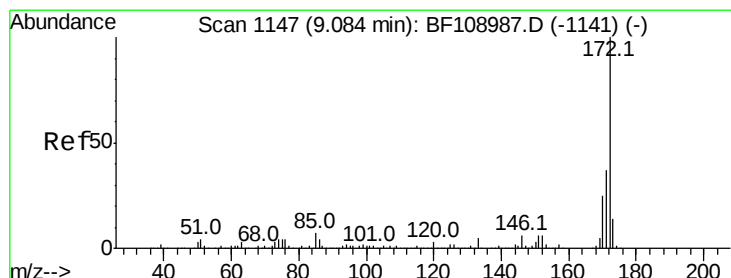
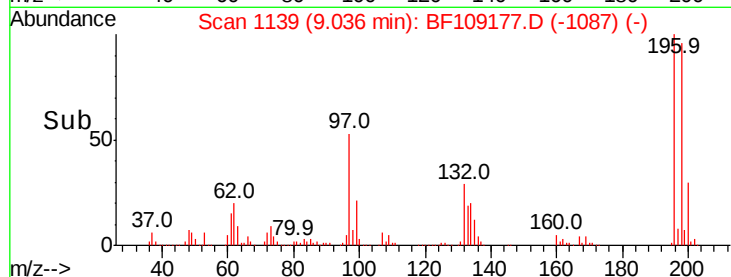
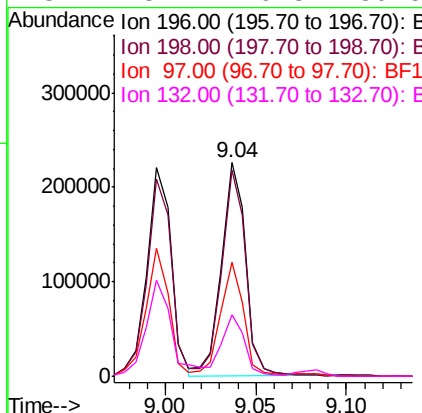
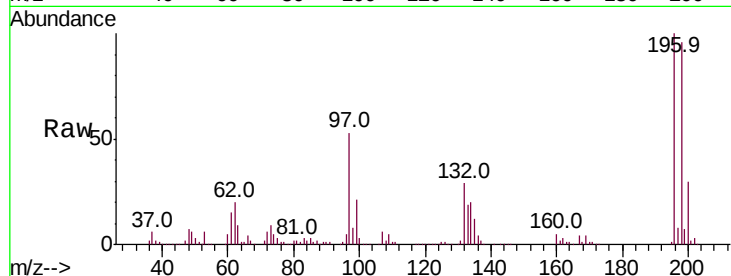
#43
 2,4,5-Trichlorophenol
 Concen: 42.581 ng
 RT: 9.04 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: BF109177.D
 Acq: 20 Sep 2018 6:26

Instrument :
 BNA_F
 ClientSampleId :
 PB112999BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	210054		
198	96.3	74.6	112.0	
97	53.1	42.9	64.3	
132	28.7	26.3	39.5	

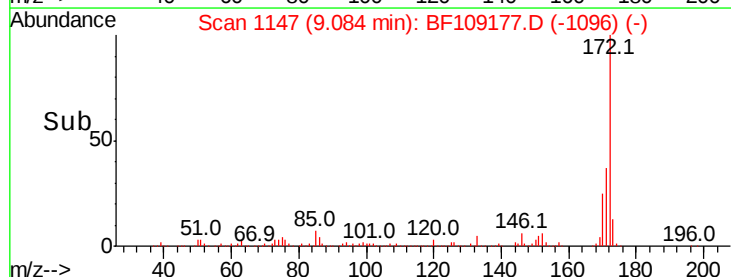
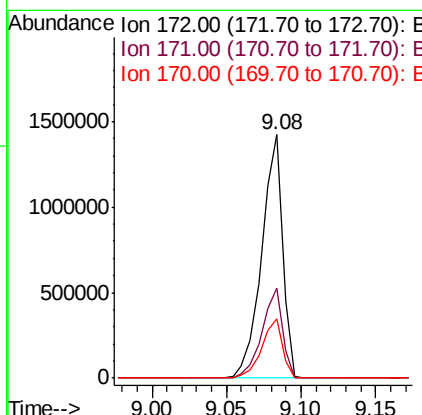
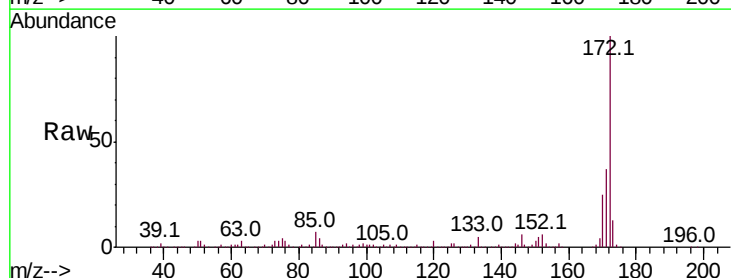
Manual Integrations
 APPROVED

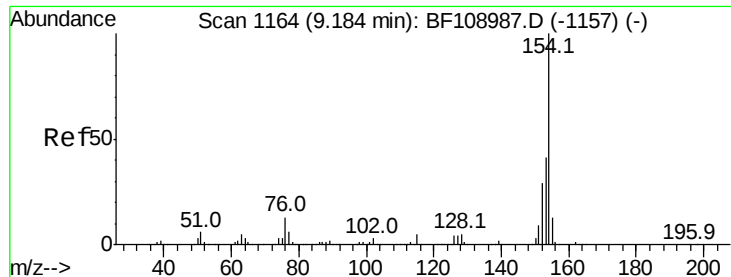
Sohil
 9/20/2018 10:07:01 AM



#44
 2-Fluorobiphenyl
 Concen: 95.902 ng
 RT: 9.08 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BF109177.D
 Acq: 20 Sep 2018 6:26

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1365889		
171	36.7	29.7	44.5	
170	24.6	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 47.470 ng

RT: 9.18 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BF109177.D

Acq: 20 Sep 2018 6:26

Instrument :

BNA_F

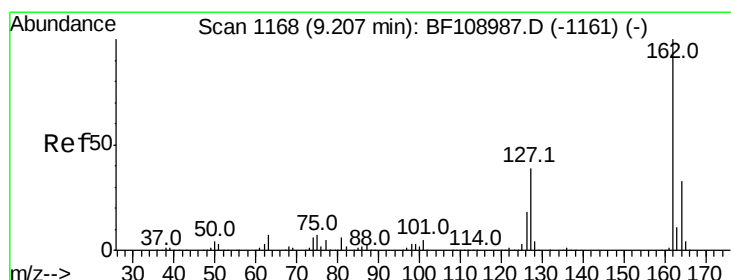
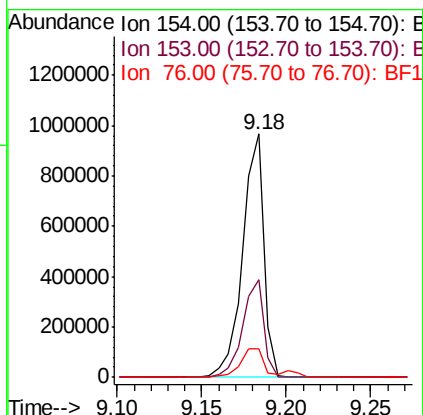
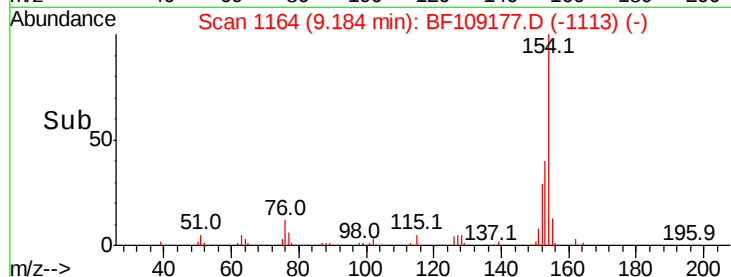
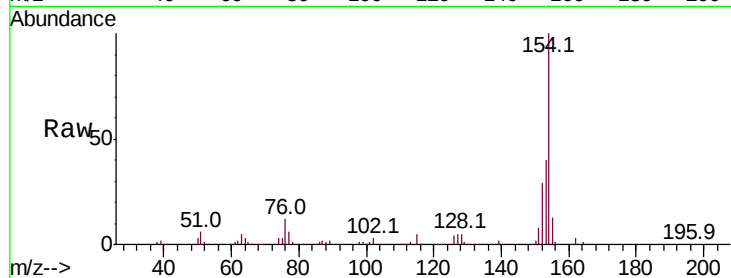
ClientSampleId :

PB112999BSD

Tot Ion:	154	Resp:	847451
Ion Ratio	Lower	Upper	
154	100		
153	40.0	21.3	61.3
76	11.6	0.0	34.0

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#46

2-Chloronaphthalene

Concen: 45.261 ng

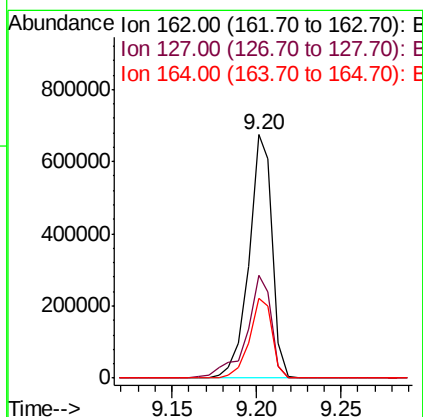
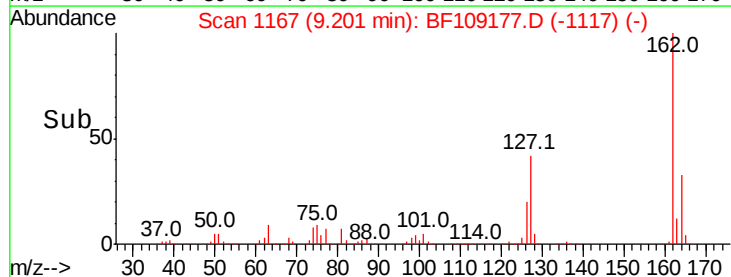
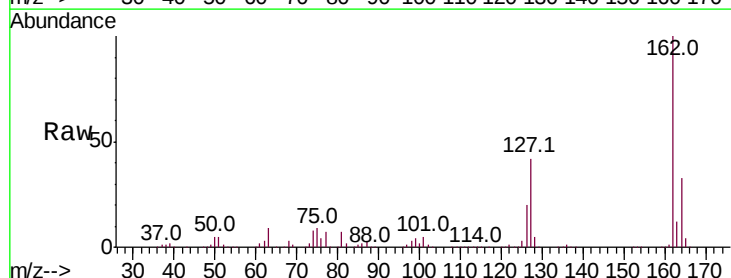
RT: 9.20 min Scan# 1167

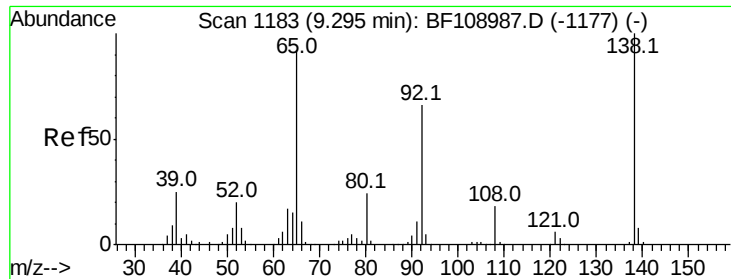
Delta R.T. -0.01 min

Lab File: BF109177.D

Acq: 20 Sep 2018 6:26

Tgt Ion:	162	Resp:	647100
Ion Ratio	Lower	Upper	
162	100		
127	42.4	33.9	50.9
164	32.8	26.5	39.7





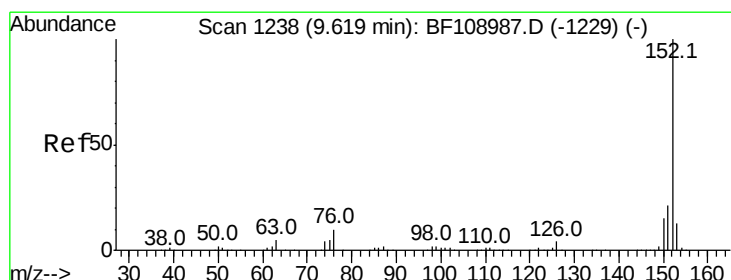
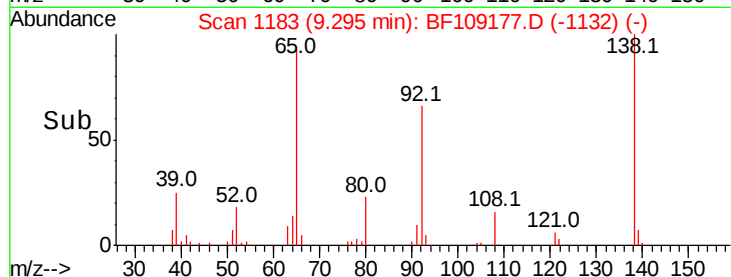
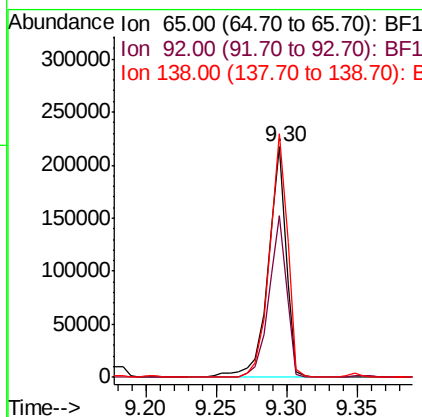
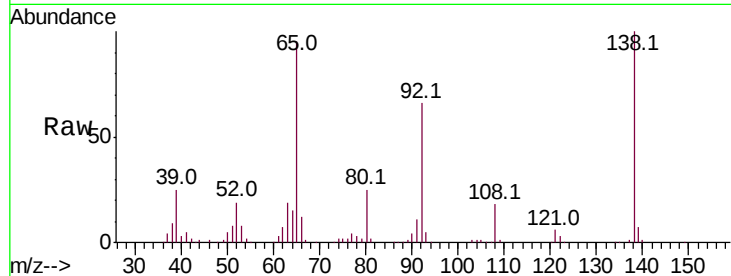
#47
2-Nitroaniline
Concen: 44.608 ng
RT: 9.30 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF109177.D
Acq: 20 Sep 2018 6:26

Instrument :
BNA_F
ClientSampleId :
PB112999BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.0	55.8	83.6
138	105.6	91.2	136.8

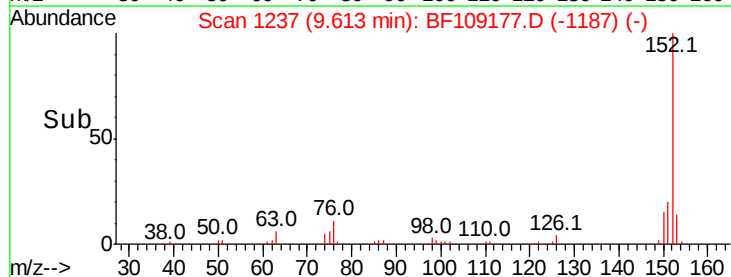
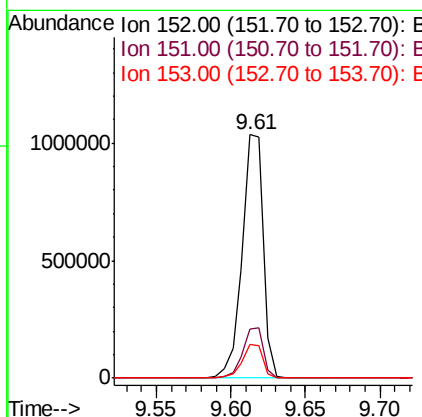
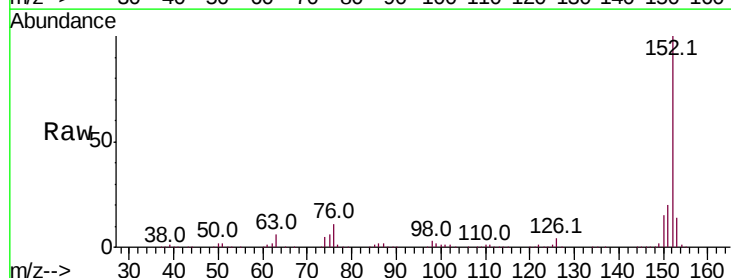
Manual Integrations
APPROVED

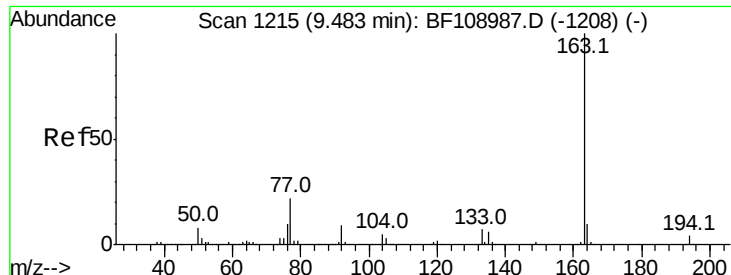
Sohil
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#48
Acenaphthylene
Concen: 47.150 ng
RT: 9.61 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BF109177.D
Acq: 20 Sep 2018 6:26

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5
153	13.7	10.7	16.1





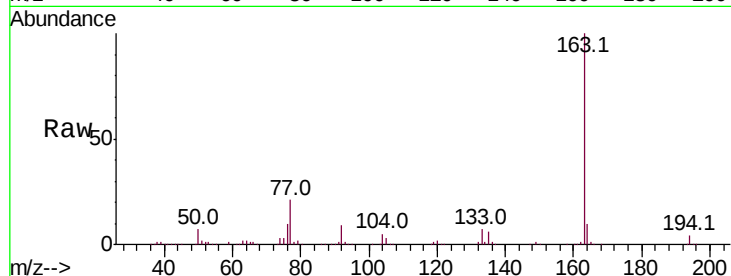
#49
 Dimethylphthalate
 Concen: 47.785 ng
 RT: 9.48 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BF109177.D
 Acq: 20 Sep 2018 6:26

Instrument :
 BNA_F
 ClientSampleId :
 PB112999BSD

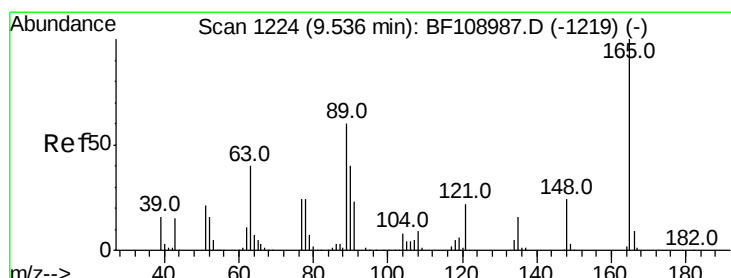
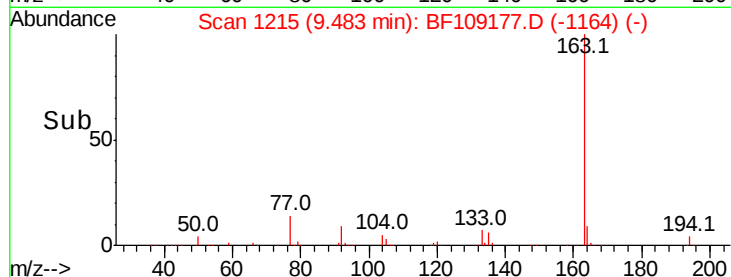
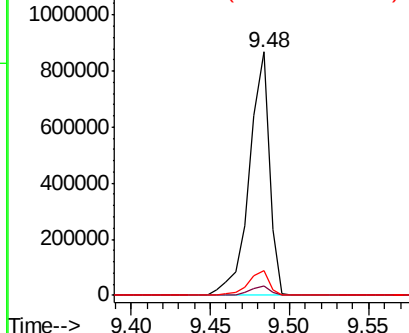
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.0	2.7	4.1	
164	10.2	8.2	12.2	

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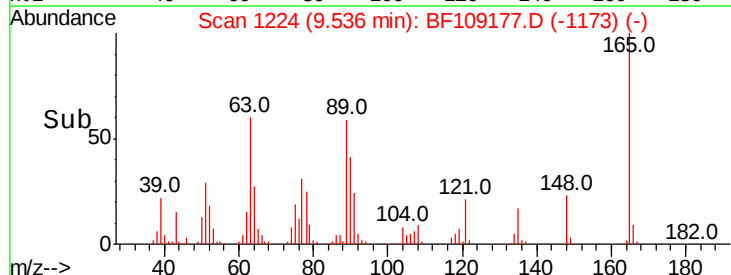
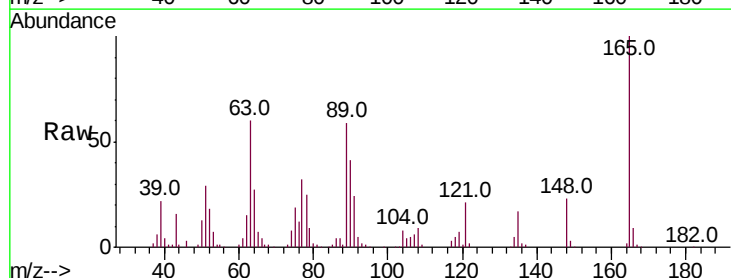
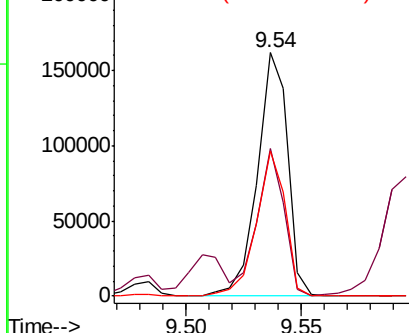
Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

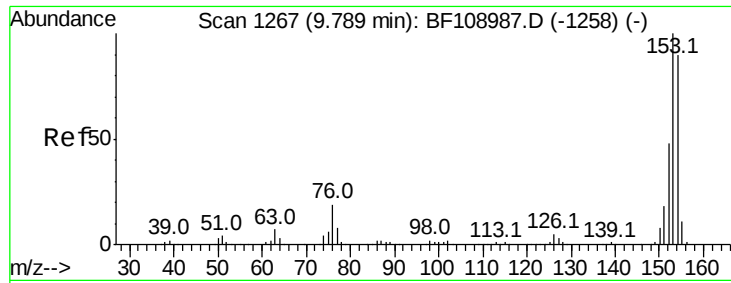


#50
 2,6-Dinitrotoluene
 Concen: 41.876 ng
 RT: 9.54 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF109177.D
 Acq: 20 Sep 2018 6:26

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





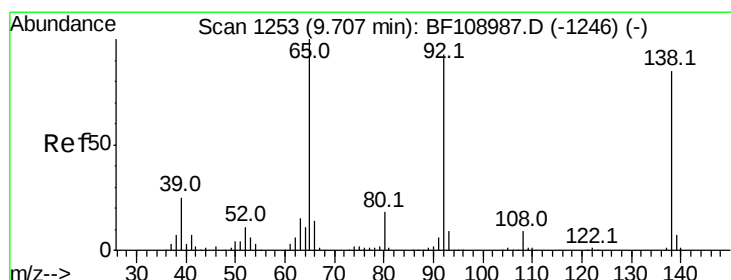
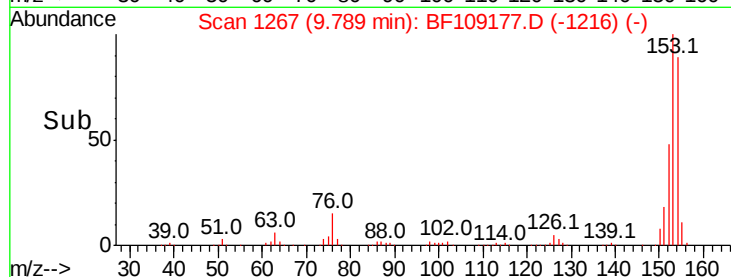
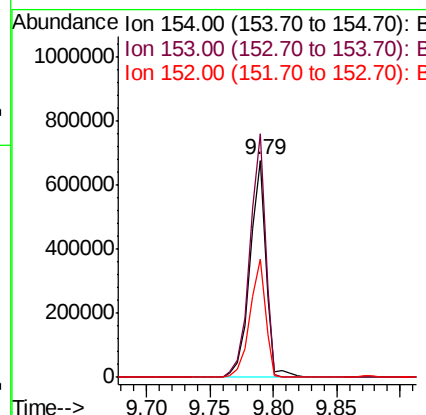
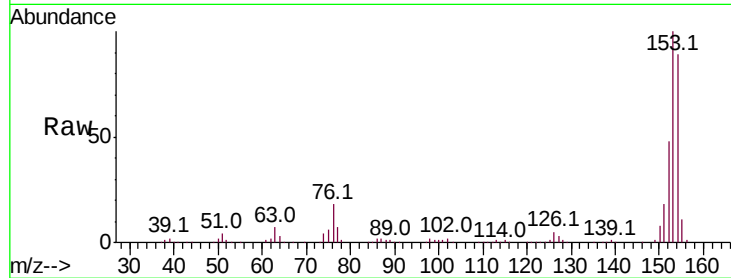
#51
Acenaphthene
Concen: 43.947 ng
RT: 9.79 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BF109177.D
Acq: 20 Sep 2018 6:26

Instrument :
BNA_F
ClientSampleId :
PB112999BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.3	91.2	136.8
152	54.3	43.8	65.8

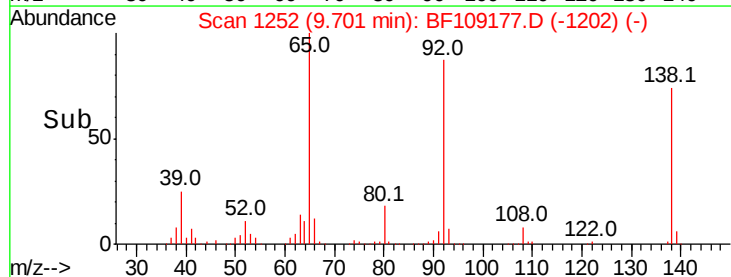
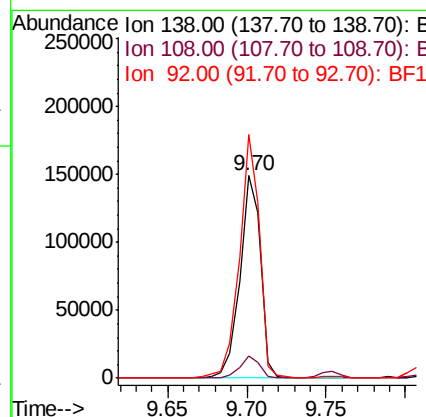
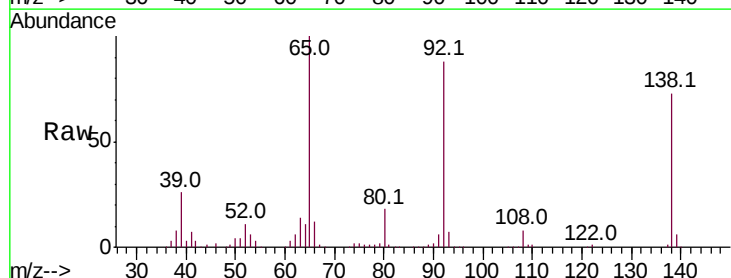
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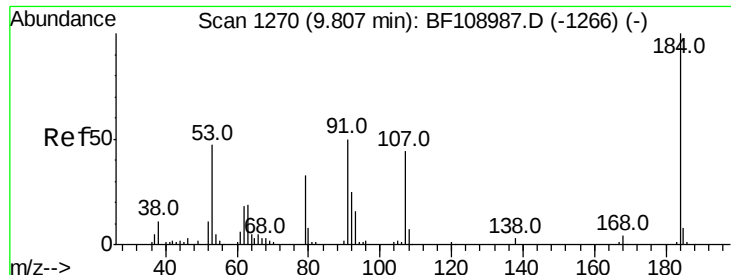
Sohil
9/20/2018 10:07:01 AM



#52
3-Nitroaniline
Concen: 32.317 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BF109177.D
Acq: 20 Sep 2018 6:26

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.2	9.4	14.0
92	120.4	89.4	134.2





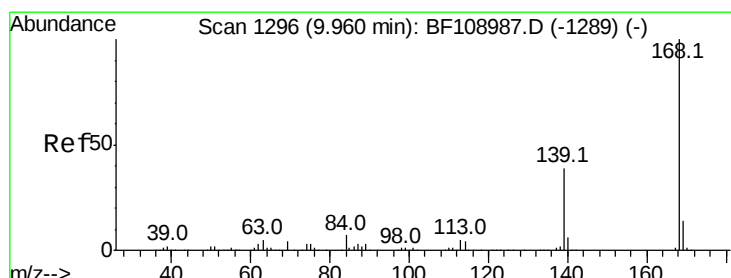
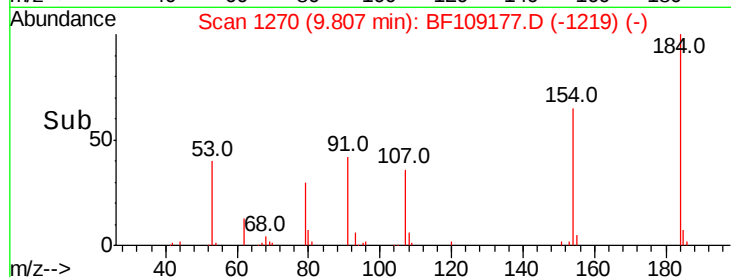
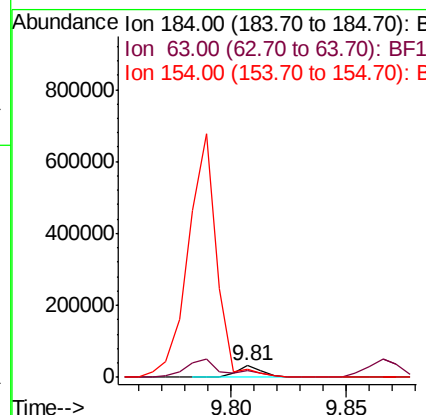
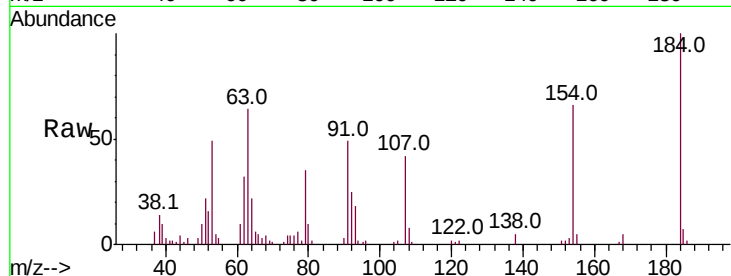
#53
 2,4-Dinitrophenol
 Concen: 19.789 ng
 RT: 9.81 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: BF109177.D
 Acq: 20 Sep 2018 6:26

Instrument :
 BNA_F
 ClientSampleId :
 PB112999BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	64.1	54.2	81.2
154	65.9	184.0	276.0#

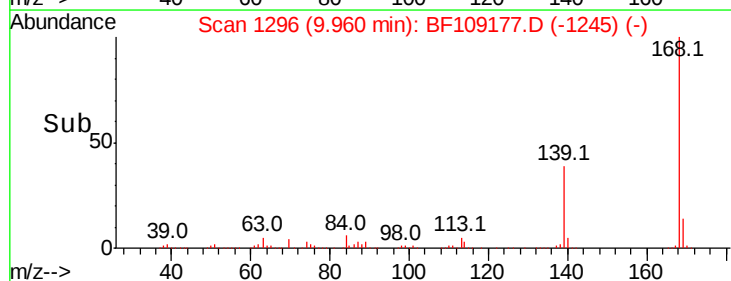
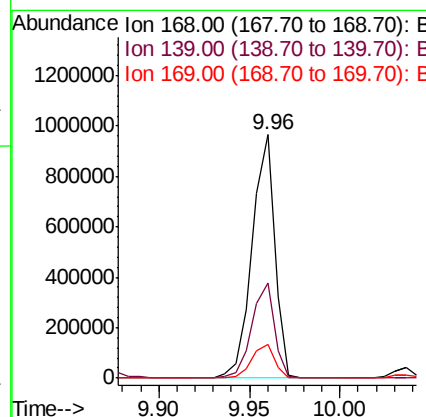
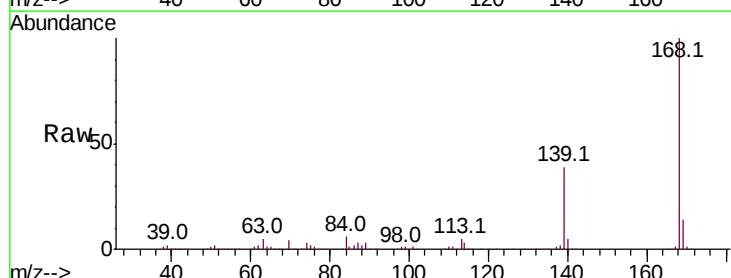
Manual Integrations
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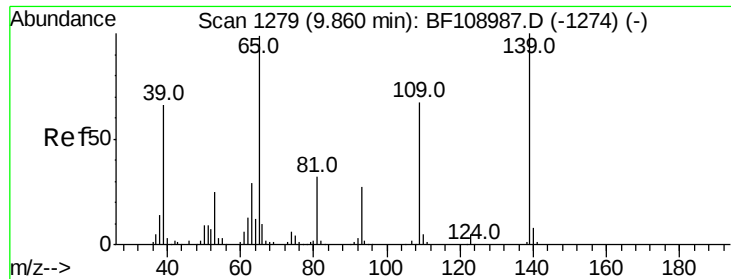
Sohil
 9/20/2018 10:07:01 AM



#54
 Dibenzofuran
 Concen: 43.434 ng
 RT: 9.96 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BF109177.D
 Acq: 20 Sep 2018 6:26

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.0	30.1	45.1
169	14.1	10.9	16.3





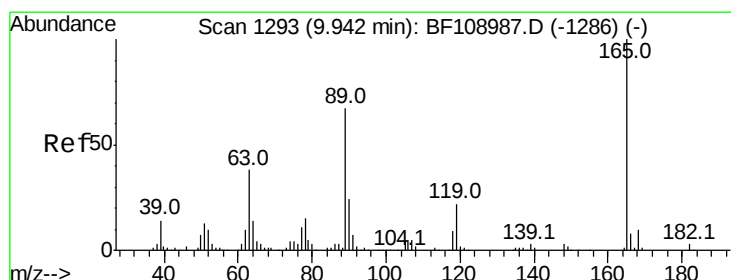
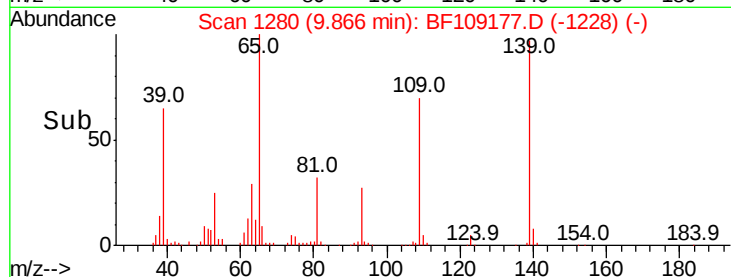
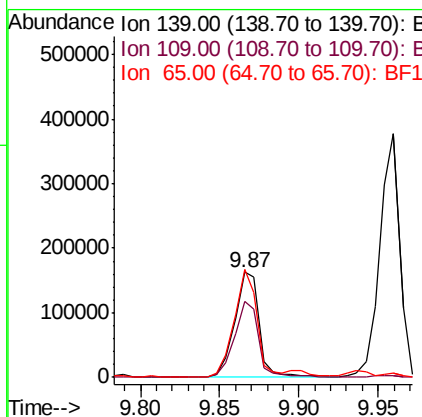
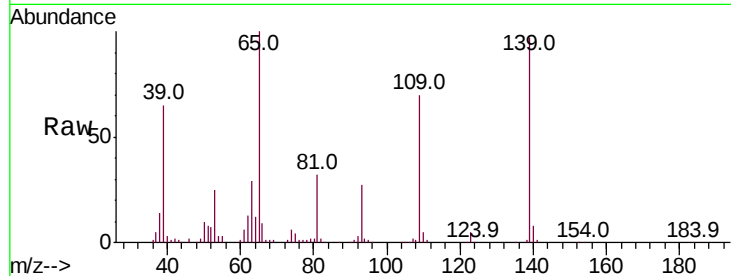
#55
4-Nitrophenol
Concen: 57.463 ng
RT: 9.87 min Scan# 1280
Delta R.T. 0.01 min
Lab File: BF109177.D
Acq: 20 Sep 2018 6:26

Instrument :
BNA_F
ClientSampleId :
PB112999BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	72.3	48.4	88.4	
65	103.1	72.6	112.6	

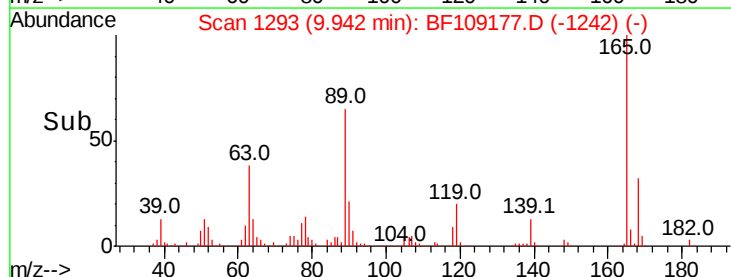
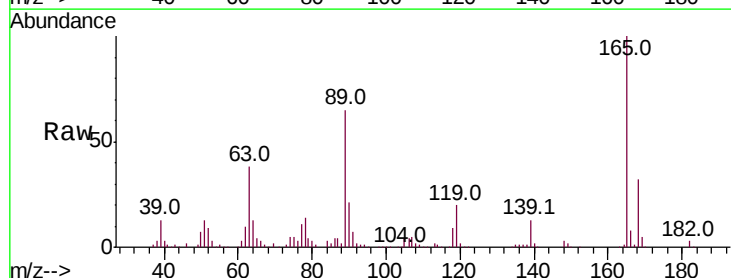
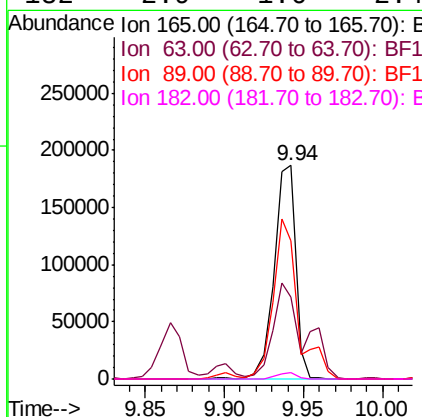
Manual Integrations
APPROVED

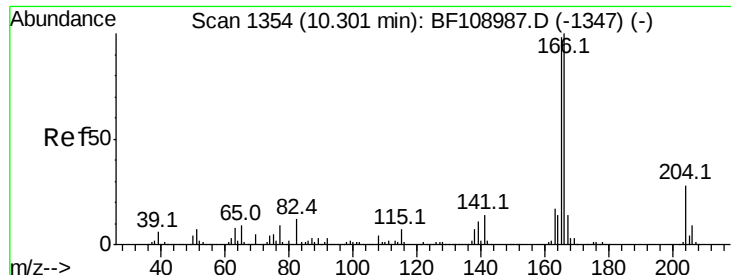
Sohil
9/20/2018 10:07:01 AM



#56
2,4-Dinitrotoluene
Concen: 38.704 ng
RT: 9.94 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BF109177.D
Acq: 20 Sep 2018 6:26

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	38.1	36.4	54.6	
89	64.6	57.8	86.6	
182	2.9	1.6	2.4	





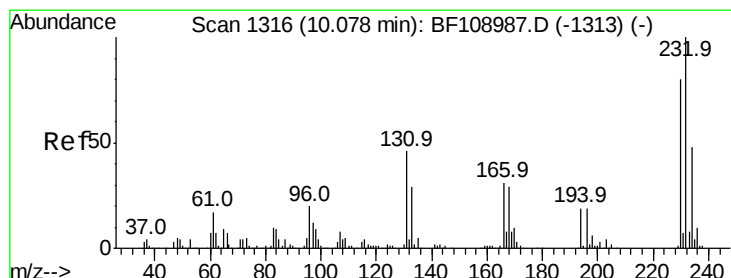
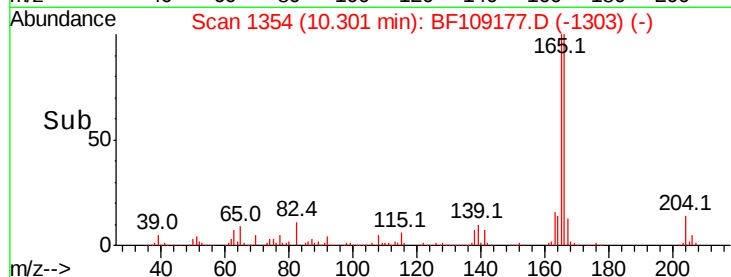
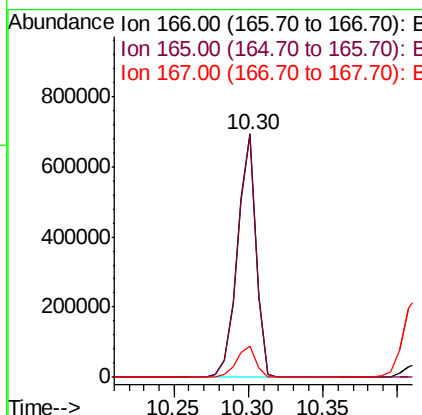
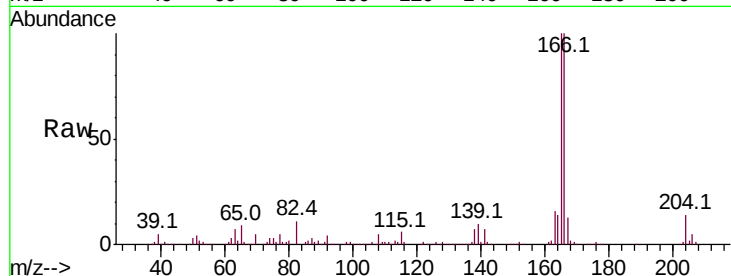
#57
 Fluorene
 Concen: 46.949 ng
 RT: 10.30 min Scan# 1354
 Delta R.T. 0.00 min
 Lab File: BF109177.D
 Acq: 20 Sep 2018 6:26

Instrument :
 BNA_F
 ClientSampleId :
 PB112999BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	606871		
165	99.7	79.8	119.8	
167	12.9	10.6	16.0	

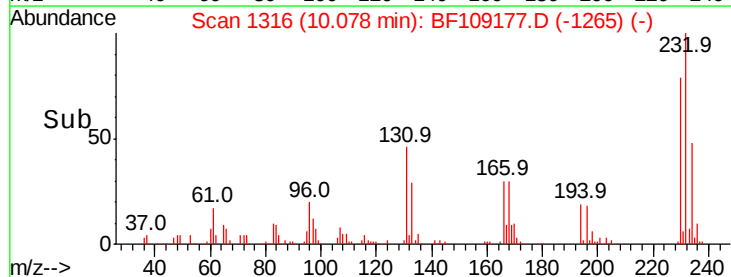
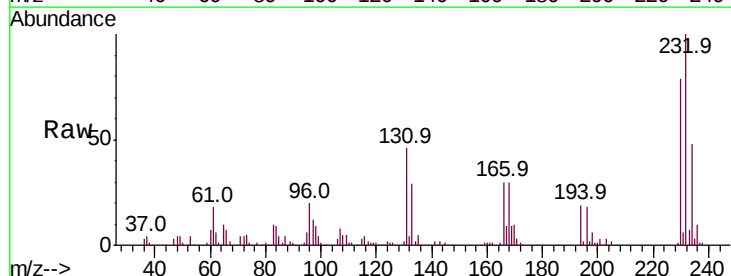
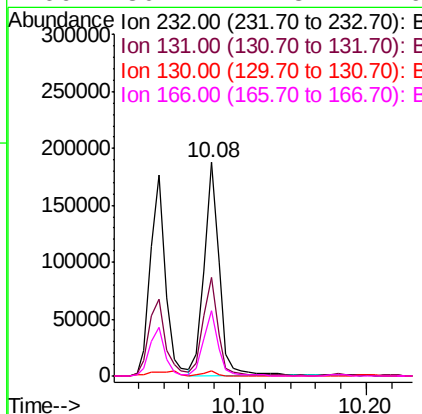
Manual Integrations
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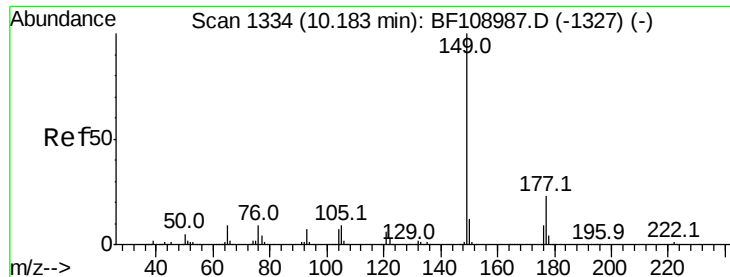
Sohil
 9/20/2018 10:07:01 AM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.060 ng
 RT: 10.08 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: BF109177.D
 Acq: 20 Sep 2018 6:26

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	155462		
131	44.8	43.8	65.8	
130	2.2	2.1	3.1	
166	30.4	27.8	41.6	





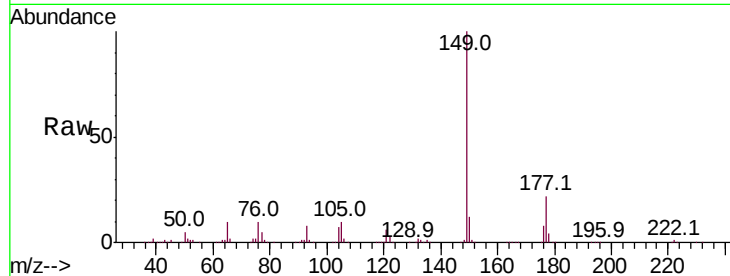
#59
Diethylphthalate
Concen: 45.276 ng
RT: 10.18 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF109177.D
Acq: 20 Sep 2018 6:26

Instrument :
BNA_F
ClientSampleID :
PB112999BSD

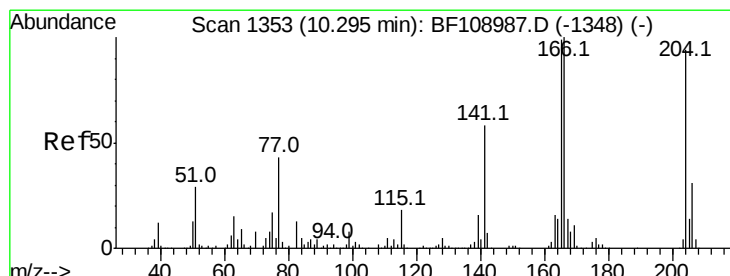
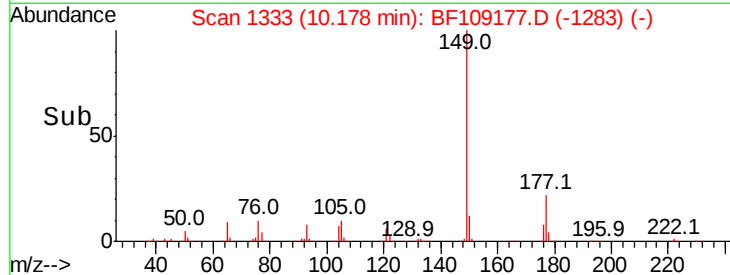
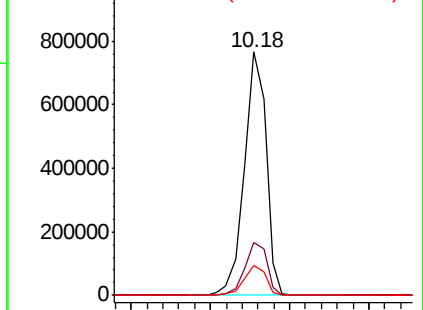
Tot Ion	Ratio	Resp	Lower	Upper
149	100	729200		
177	21.6	16.1	24.1	
150	12.5	10.1	15.1	

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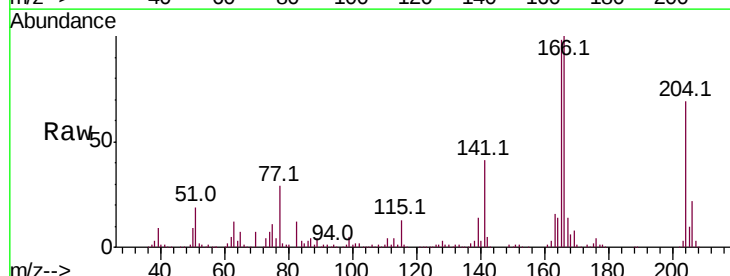


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

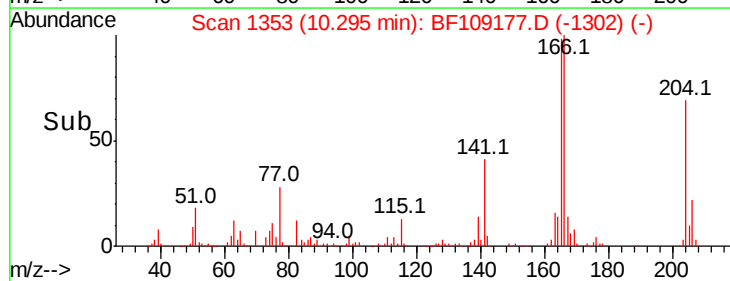
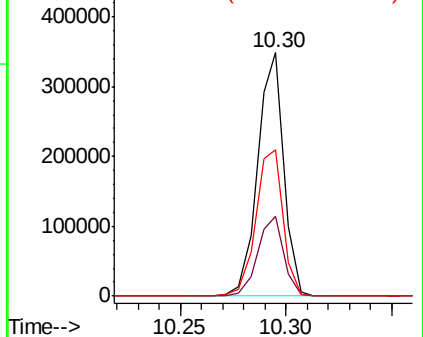


#60
4-Chlorophenyl-phenylether
Concen: 43.386 ng
RT: 10.30 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF109177.D
Acq: 20 Sep 2018 6:26

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	300297		
206	32.6	26.5	39.7	
141	60.1	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: 37.795 ng

RT: 10.31 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BF109177.D

Acq: 20 Sep 2018 6:26

Instrument :

BNA_F

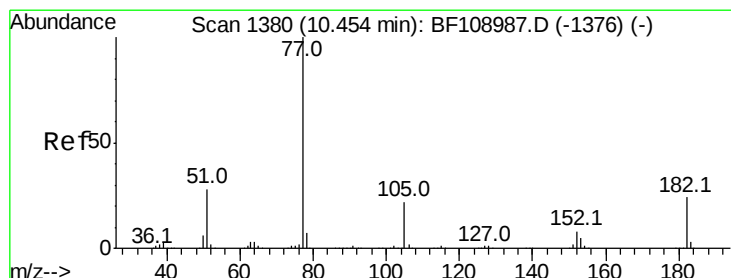
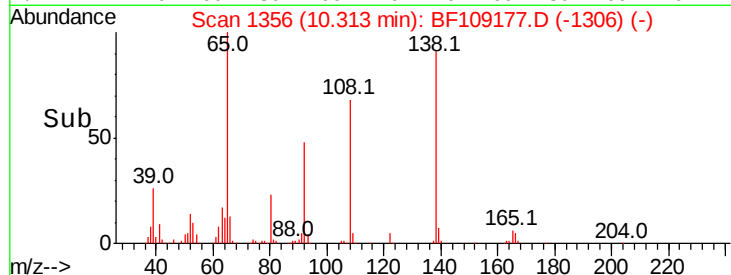
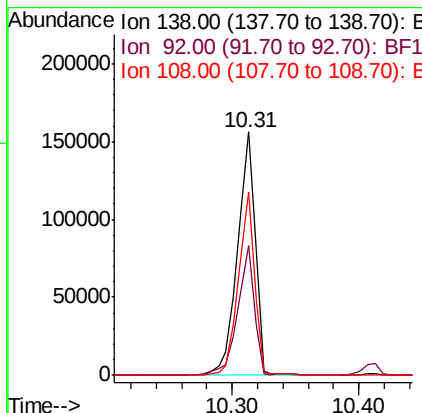
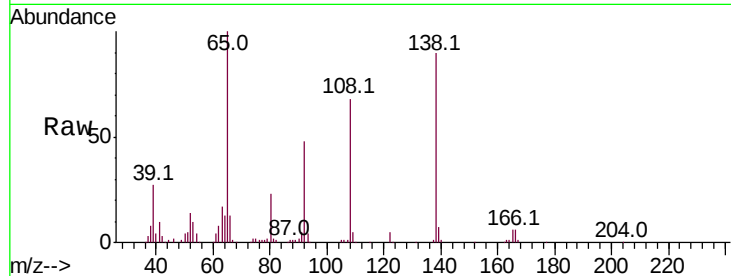
ClientSampleId :

PB112999BSD

Tot Ion:	138	Resp:	149547
Ion Ratio	Lower	Upper	
138	100		
92	53.4	30.2	70.2
108	75.2	52.5	92.5

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#62

Azobenzene

Concen: 41.617 ng

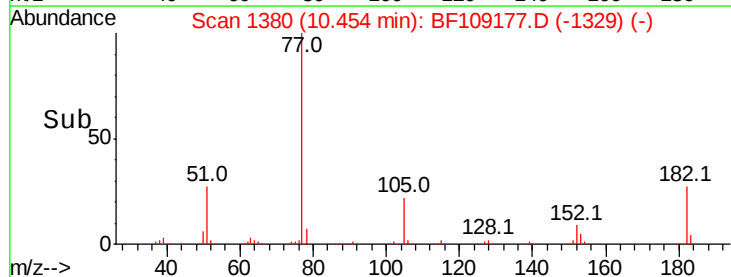
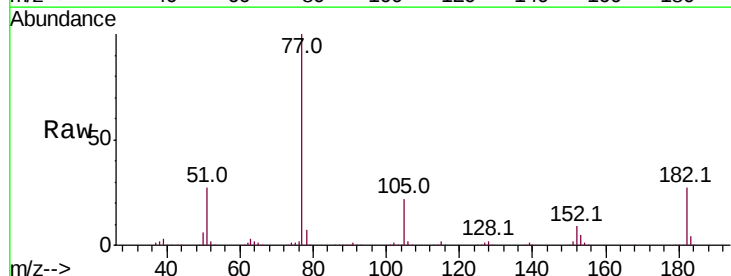
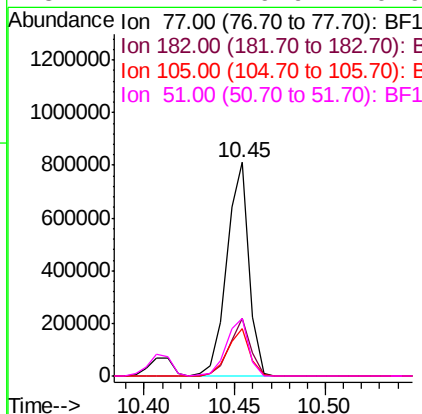
RT: 10.45 min Scan# 1380

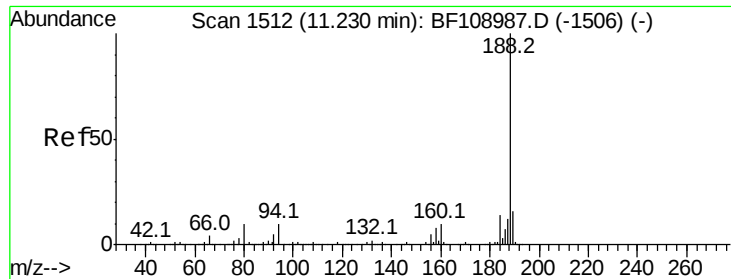
Delta R.T. 0.00 min

Lab File: BF109177.D

Acq: 20 Sep 2018 6:26

Tgt Ion:	77	Resp:	686096
Ion Ratio	Lower	Upper	
77	100		
182	27.1	1.7	41.7
105	22.4	3.0	43.0
51	27.1	9.9	49.9





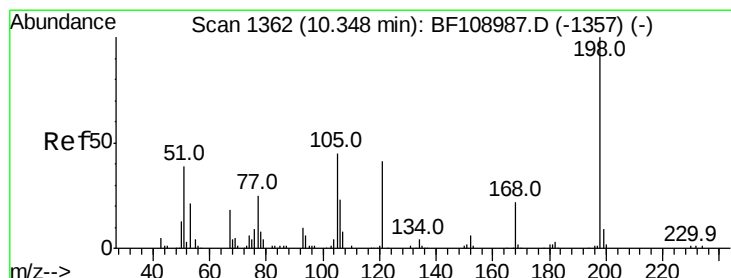
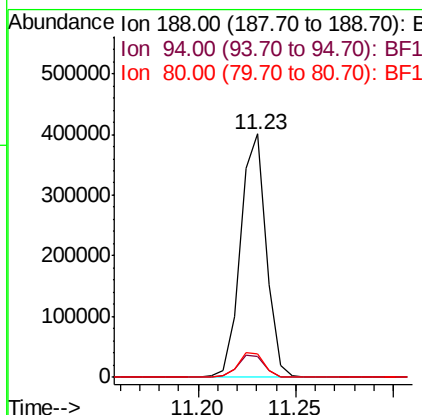
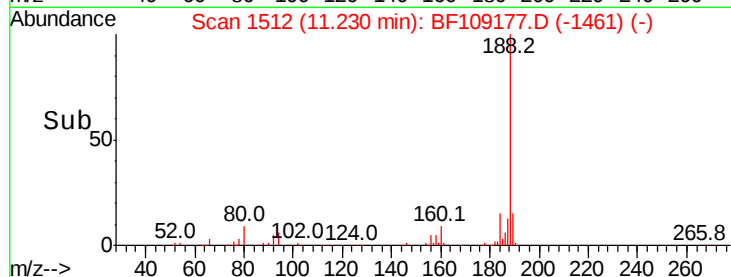
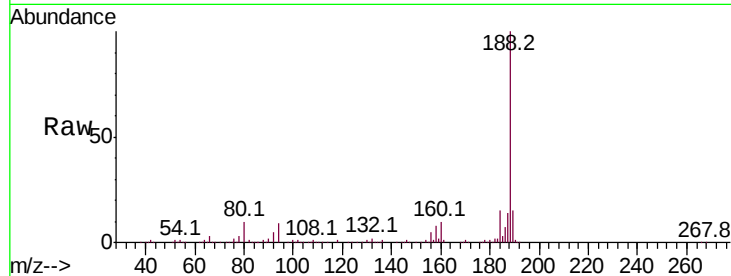
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1512
Delta R.T. 0.00 min
Lab File: BF109177.D
Acq: 20 Sep 2018 6:26

Instrument :
BNA_F
ClientSampleId :
PB112999BSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.8	8.5	12.7
80	9.6	9.2	13.8

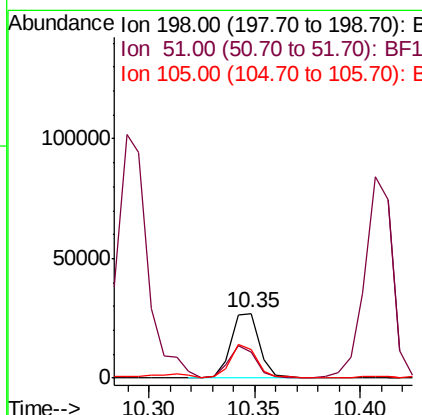
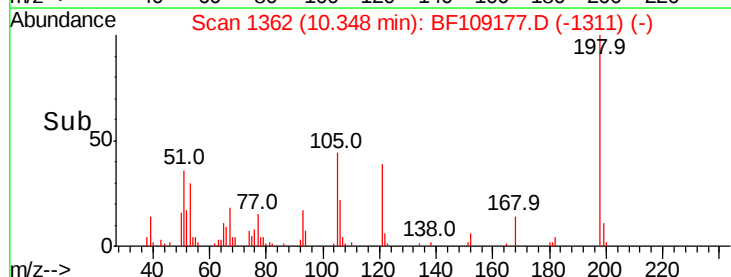
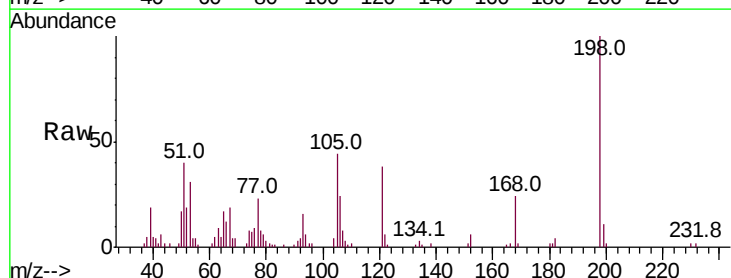
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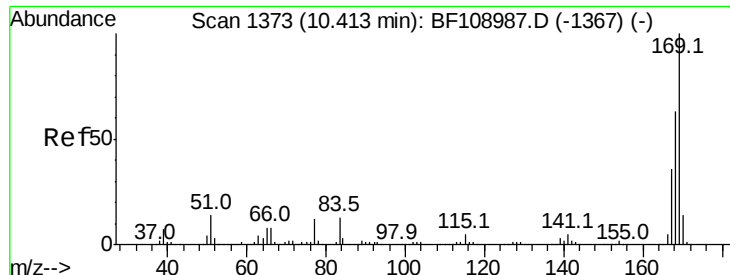
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#64
4,6-Dinitro-2-methylphenol
Concen: 14.397 ng
RT: 10.35 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF109177.D
Acq: 20 Sep 2018 6:26

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	39.8	37.7	77.7
105	44.3	36.3	76.3





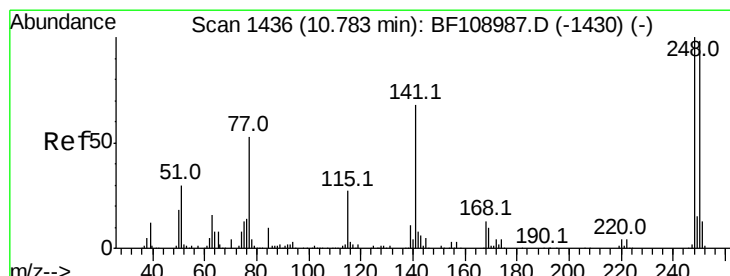
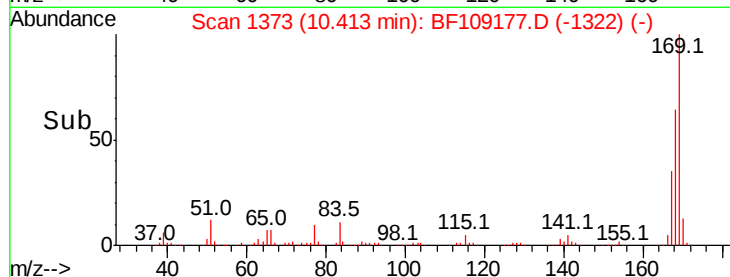
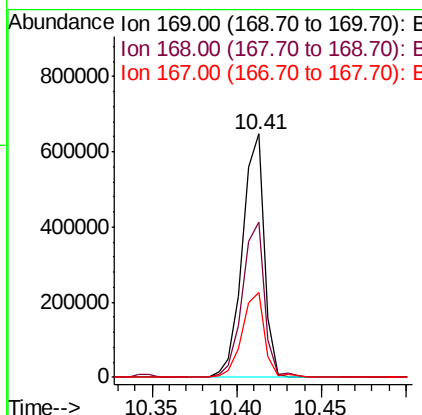
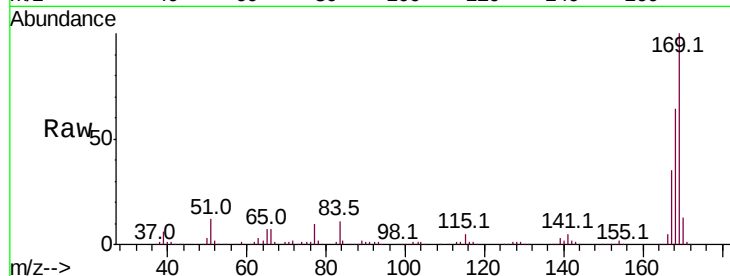
#65
n-Nitrosodiphenylamine
Concen: 48.880 ng
RT: 10.41 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BF109177.D
Acq: 20 Sep 2018 6:26

Instrument :
BNA_F
ClientSampleId :
PB112999BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	63.7	54.4	81.6	
167	35.1	29.8	44.6	

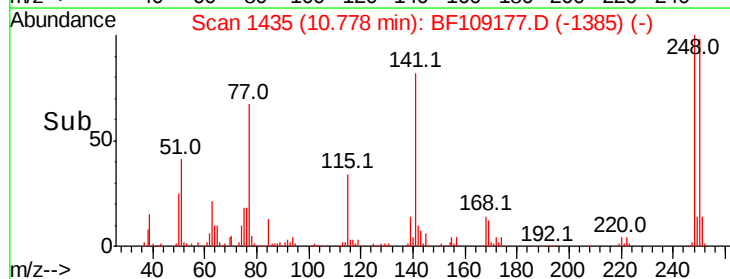
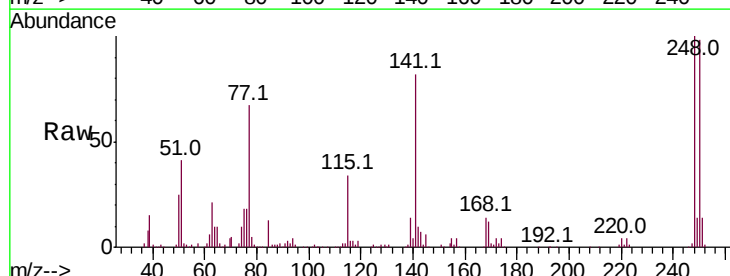
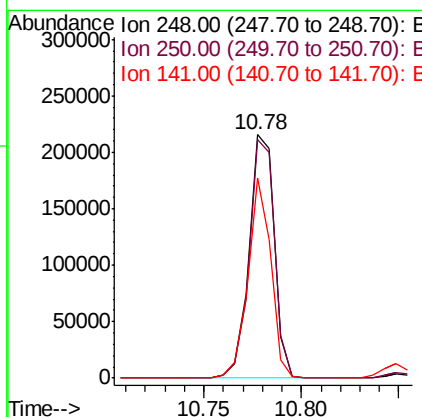
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#66
4-Bromophenyl-phenylether
Concen: 46.884 ng
RT: 10.78 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF109177.D
Acq: 20 Sep 2018 6:26

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	97.9	76.9	115.3	
141	82.1	74.4	111.6	





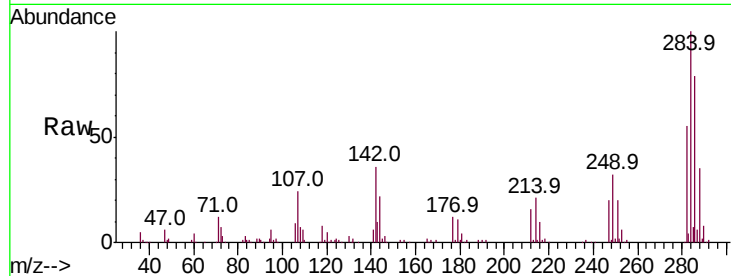
#67
Hexachlorobenzene
Concen: 45.414 ng
RT: 10.85 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF109177.D
Acq: 20 Sep 2018 6:26

Instrument :
BNA_F
ClientSampleId :
PB112999BSD

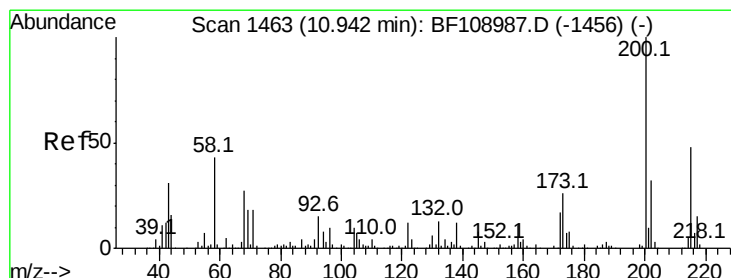
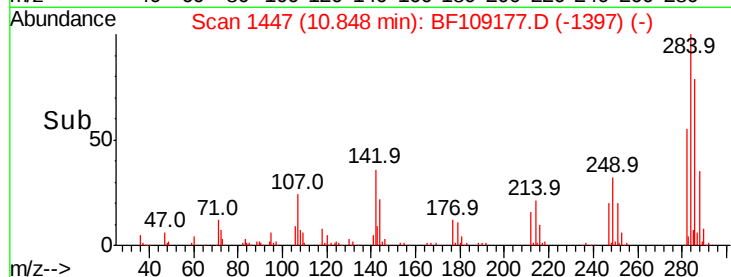
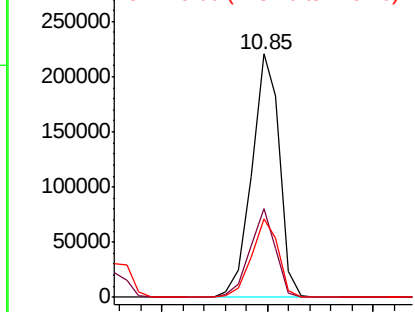
Tot Ion	Ratio	Resp	Lower	Upper
284	100	200234		
142	36.4	34.6	52.0	
249	32.2	24.8	37.2	

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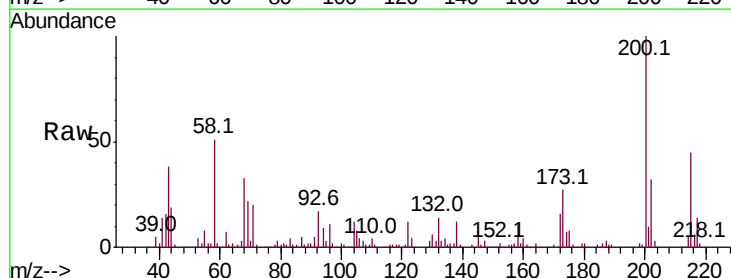


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

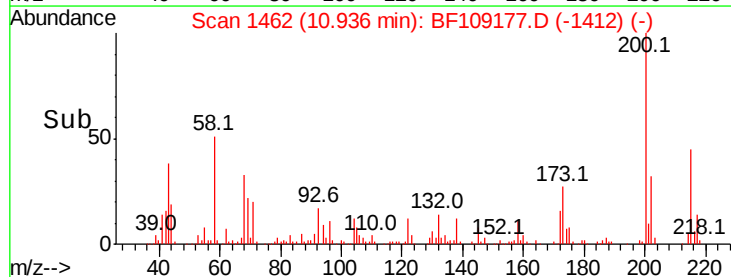
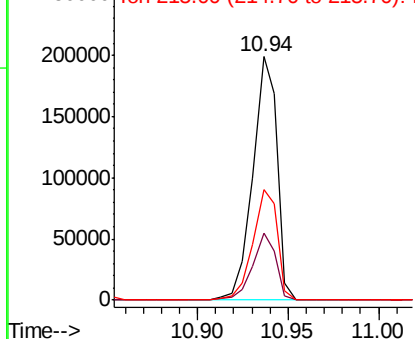


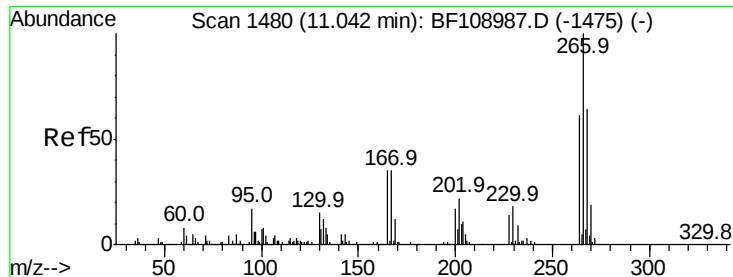
#68
Atrazine
Concen: 48.300 ng
RT: 10.94 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF109177.D
Acq: 20 Sep 2018 6:26

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	184923		
173	27.5	8.6	48.6	
215	45.3	25.1	65.1	



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





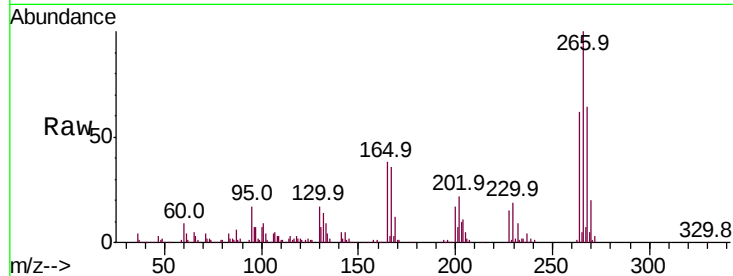
#69
 Pentachlorophenol
 Concen: 54.431 ng
 RT: 11.04 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BF109177.D
 Acq: 20 Sep 2018 6:26

Instrument :
 BNA_F
 ClientSampleId :
 PB112999BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	153545		
268	63.9	51.1	76.7	
264	62.3	49.5	74.3	

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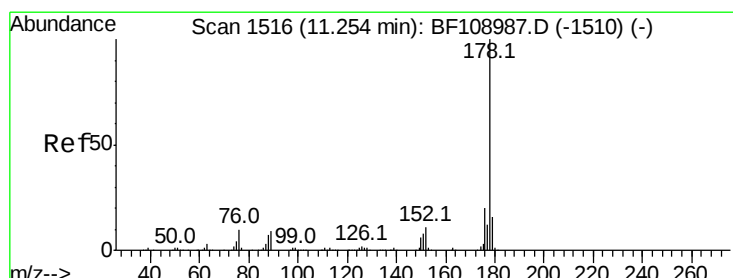
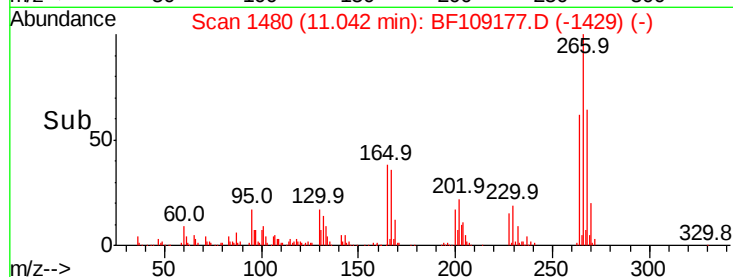
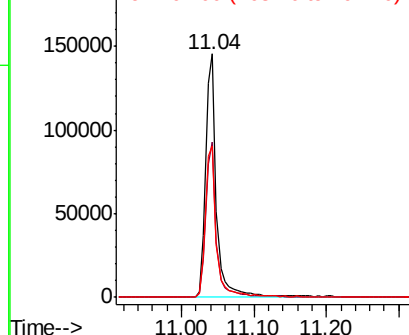


Abundance

Ion 265.70 (265.40 to 266.40): E

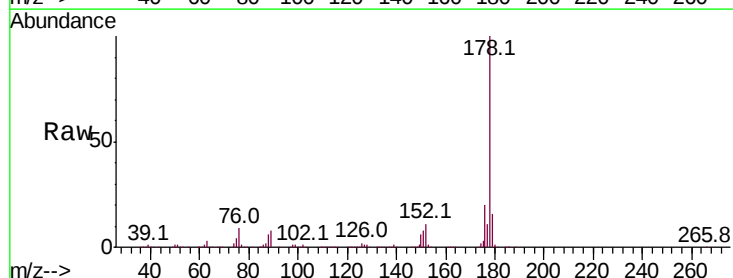
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 47.912 ng
 RT: 11.25 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: BF109177.D
 Acq: 20 Sep 2018 6:26

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	858757		
176	19.7	15.8	23.8	
179	15.6	13.0	19.6	

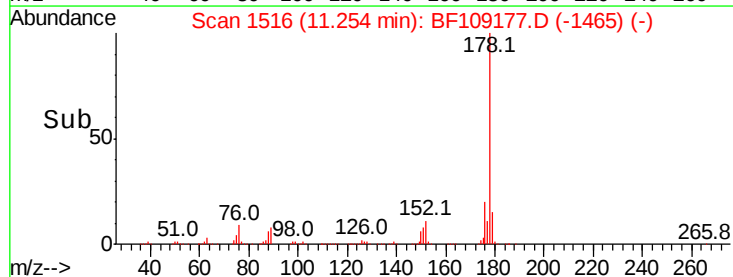
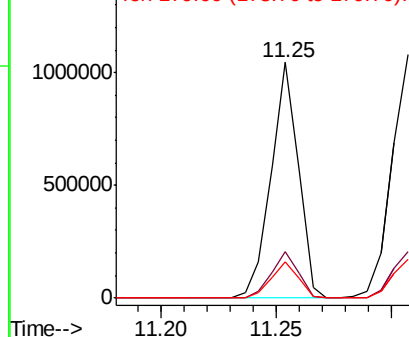


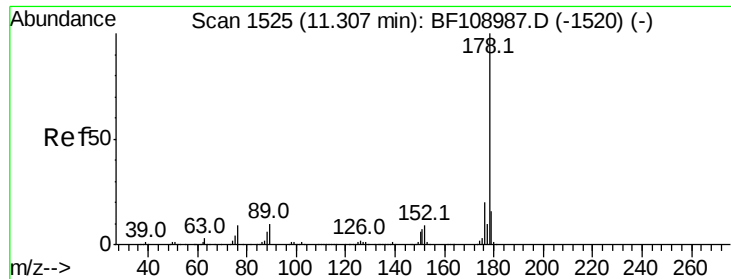
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





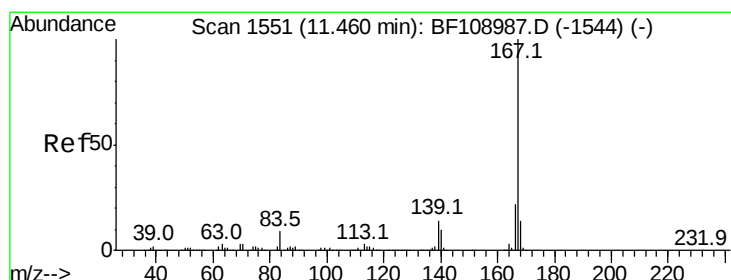
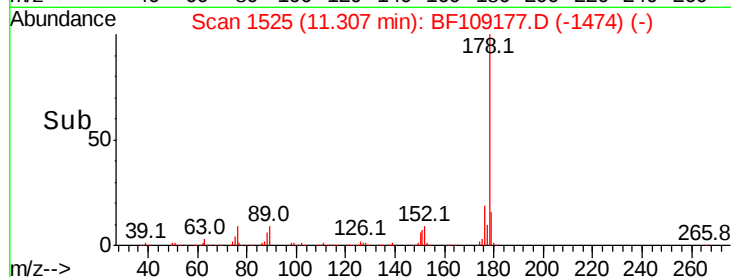
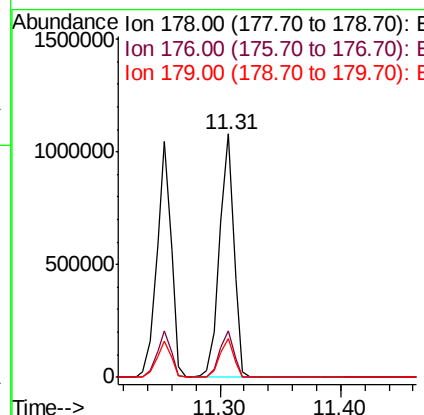
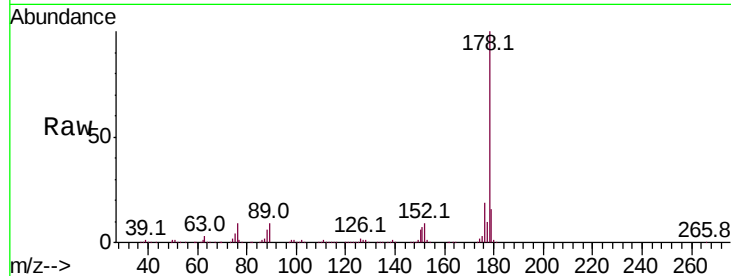
#71
 Anthracene
 Concen: 47.947 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. 0.00 min
 Lab File: BF109177.D
 Acq: 20 Sep 2018 6:26

Instrument :
 BNA_F
 ClientSampleId :
 PB112999BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.8	12.6	19.0

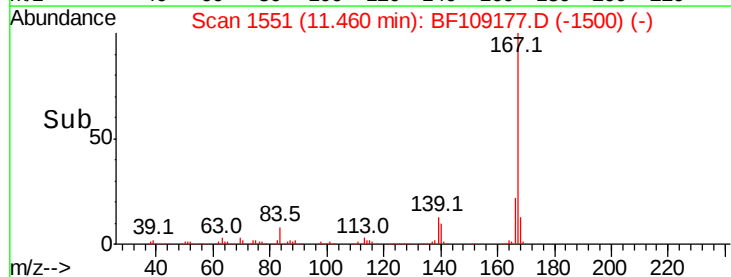
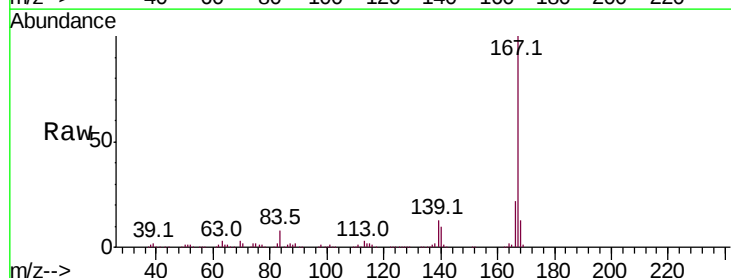
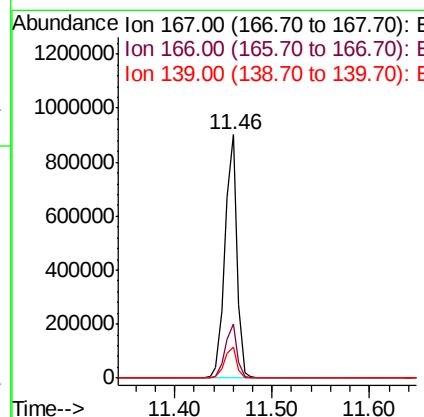
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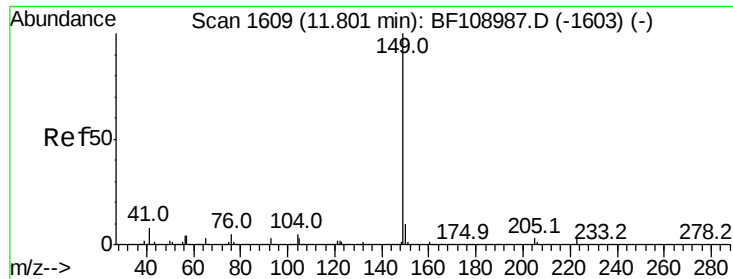
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#72
 Carbazole
 Concen: 42.690 ng
 RT: 11.46 min Scan# 1551
 Delta R.T. 0.00 min
 Lab File: BF109177.D
 Acq: 20 Sep 2018 6:26

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.6	26.4
139	12.8	10.9	16.3





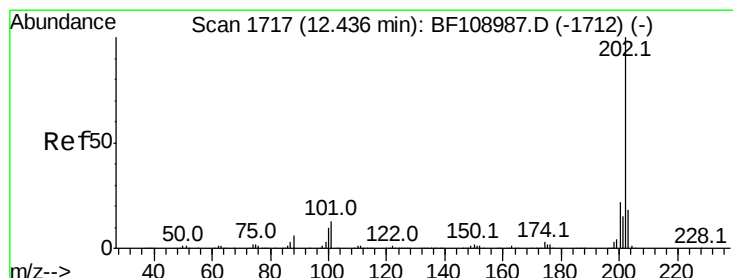
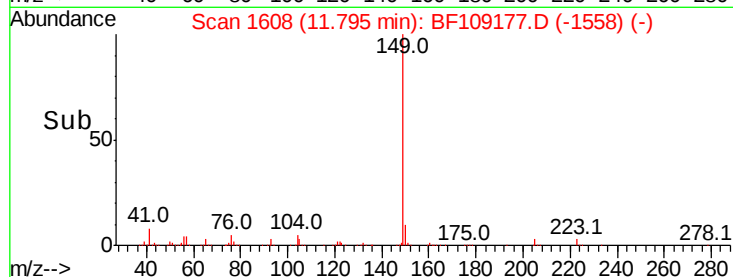
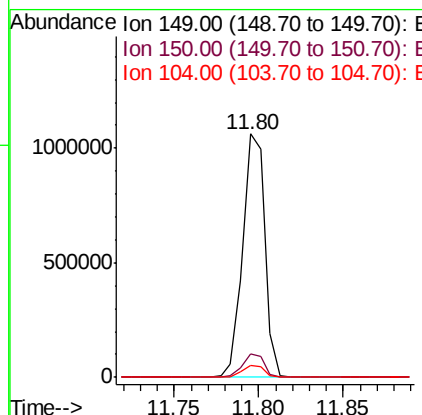
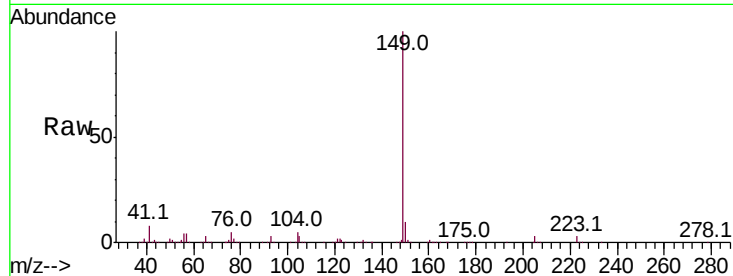
#73
Di-n-butylphthalate
Concen: 46.129 ng
RT: 11.80 min Scan# 1608
Delta R.T. -0.01 min
Lab File: BF109177.D
Acq: 20 Sep 2018 6:26

Instrument :
BNA_F
ClientSampleId :
PB112999BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	971177		
150	9.6	7.8	11.6	
104	5.2	3.8	5.8	

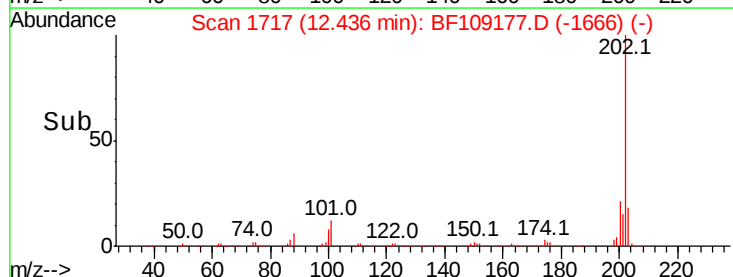
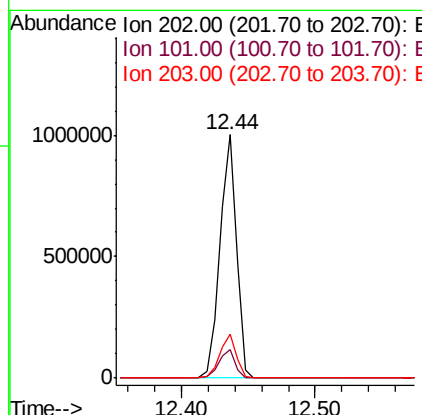
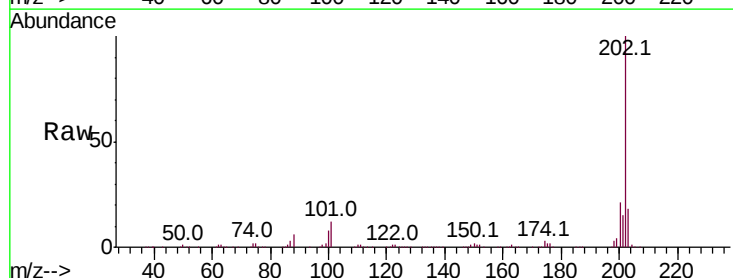
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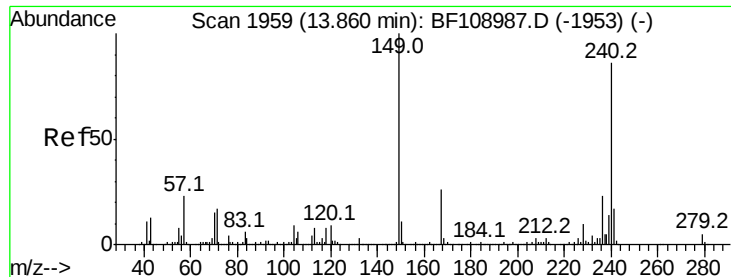
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#74
Fluoranthene
Concen: 46.269 ng
RT: 12.44 min Scan# 1717
Delta R.T. 0.00 min
Lab File: BF109177.D
Acq: 20 Sep 2018 6:26

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	875501		
101	11.7	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: BF109177.D

Acq: 20 Sep 2018 6:26

Instrument :

BNA_F

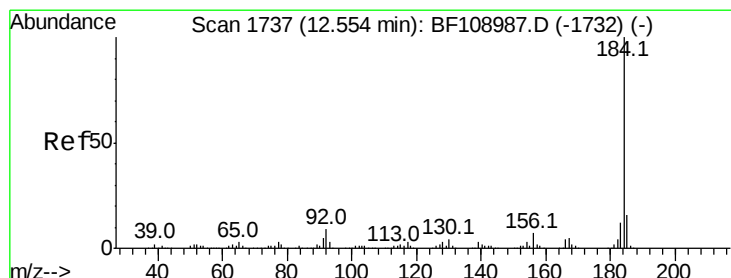
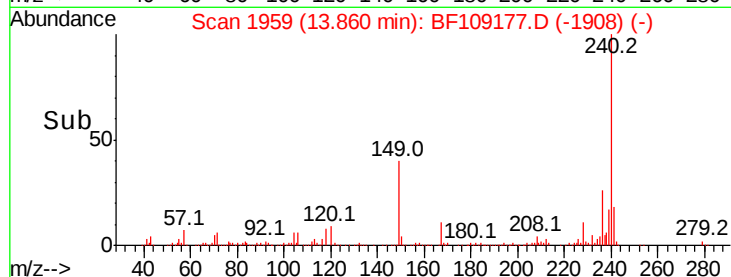
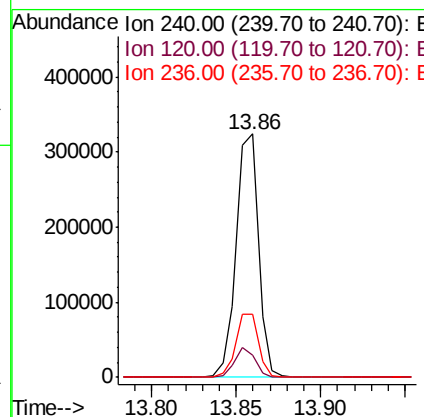
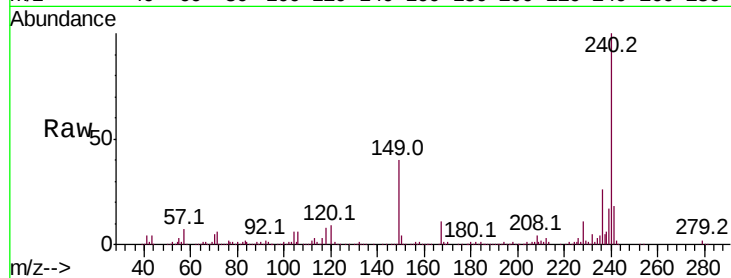
ClientSampleId :

PB112999BSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100	297443		
120	9.3	9.5	14.3#	
236	25.9	20.7	31.1	

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#76

Benzidine

Concen: 23.190 ng

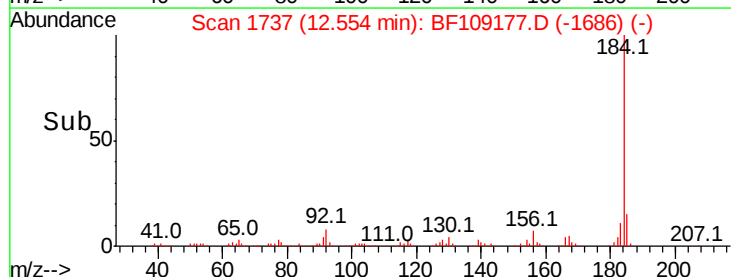
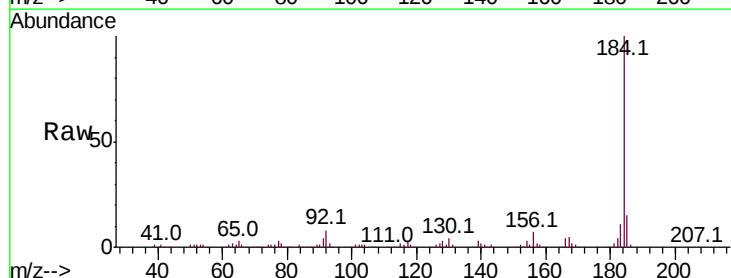
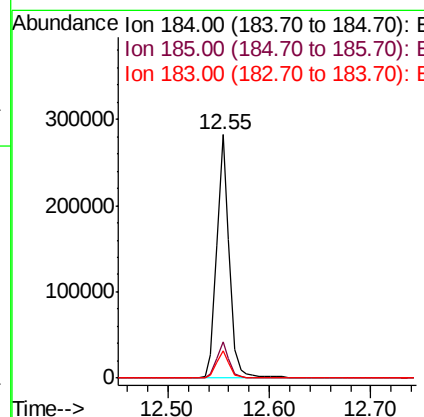
RT: 12.55 min Scan# 1737

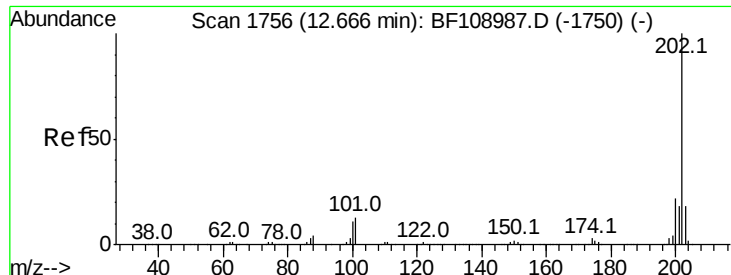
Delta R.T. 0.00 min

Lab File: BF109177.D

Acq: 20 Sep 2018 6:26

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	244164		
185	14.9	12.6	18.8	
183	11.0	9.3	13.9	





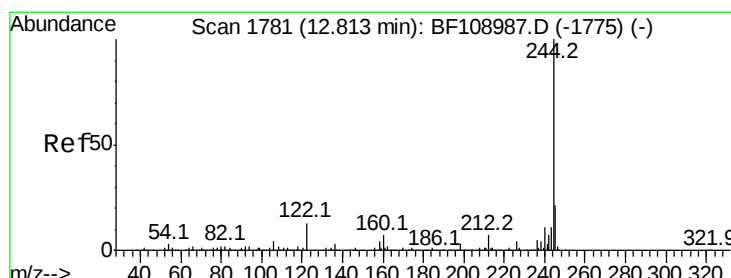
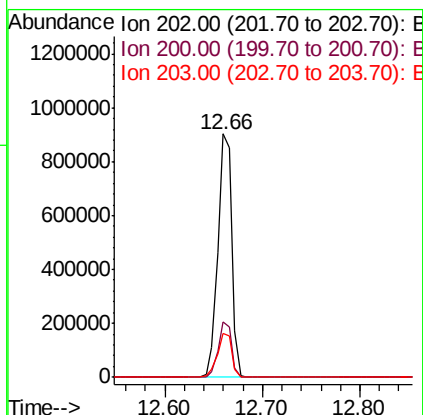
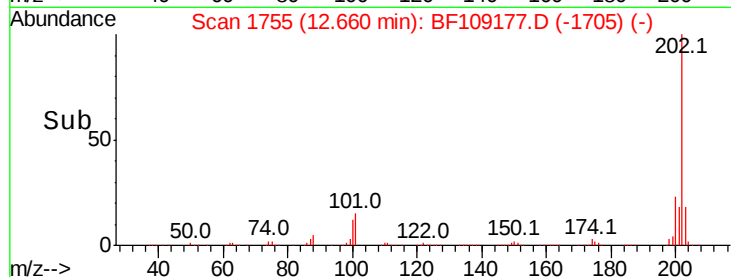
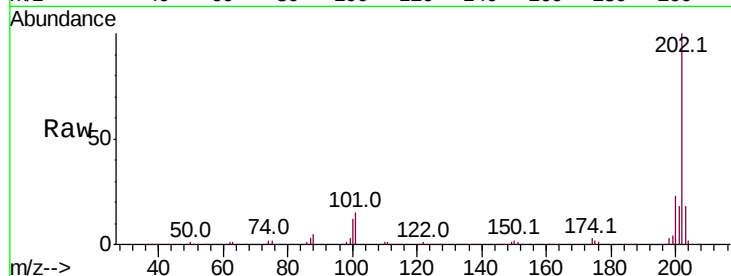
#77
Pvrene
Concen: 40.401 ng
RT: 12.66 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BF109177.D
Acq: 20 Sep 2018 6:26

Instrument :
BNA_F
ClientSampleId :
PB112999BSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	892609		
200	22.6		17.4	26.2
203	17.8		14.3	21.5

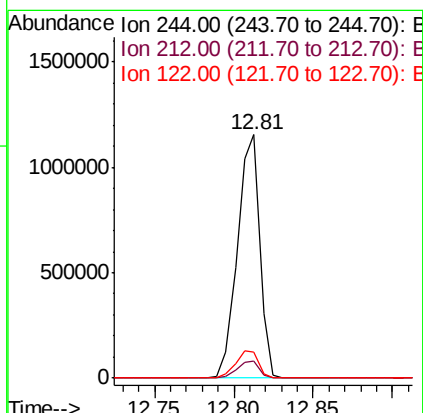
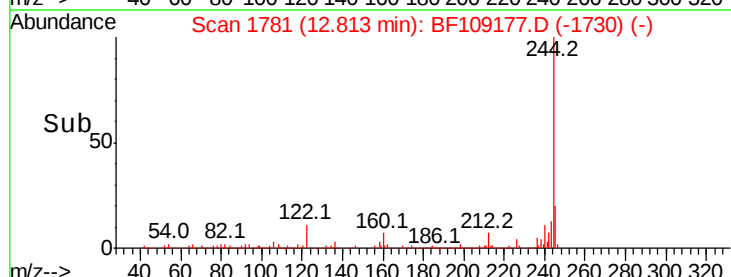
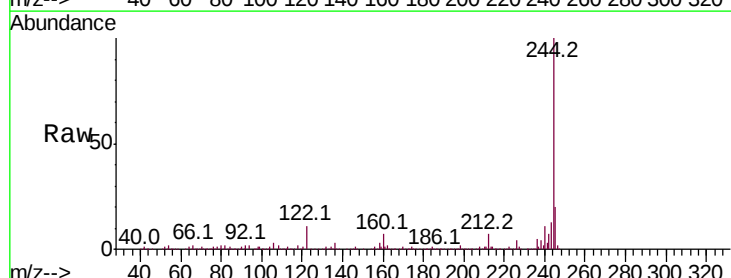
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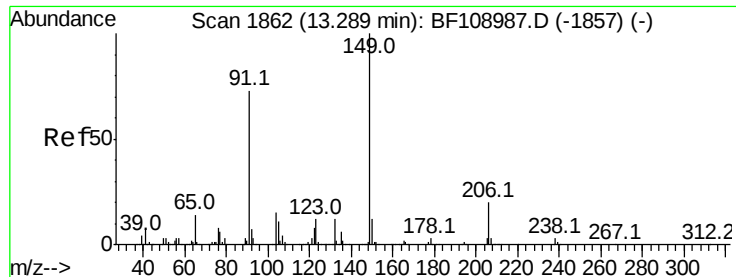
Sohil
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#78
Terphenyl-d14
Concen: 89.405 ng
RT: 12.81 min Scan# 1781
Delta R.T. 0.00 min
Lab File: BF109177.D
Acq: 20 Sep 2018 6:26

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1121937		
212	7.2		5.4	8.0
122	10.7		11.0	16.4





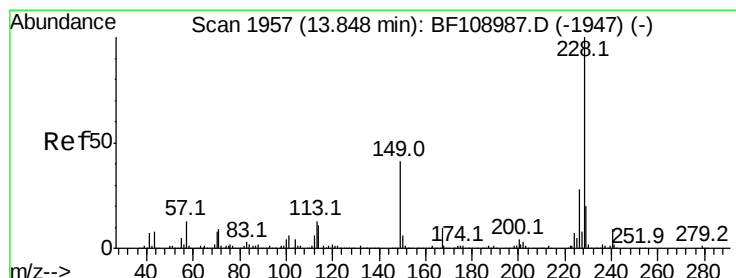
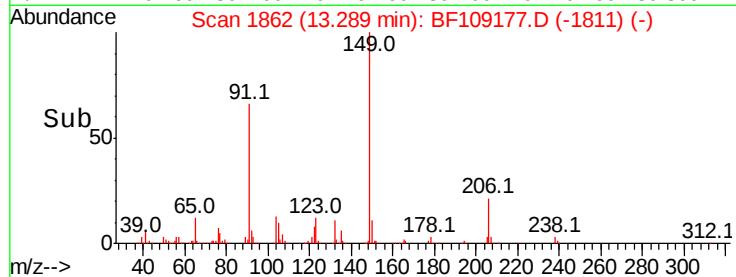
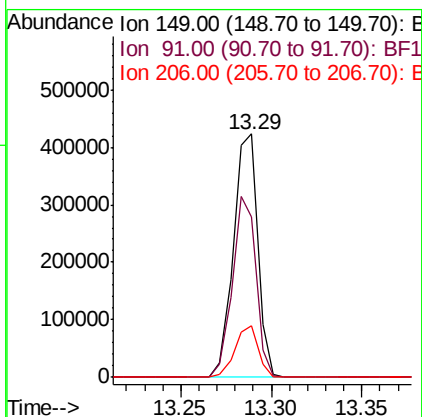
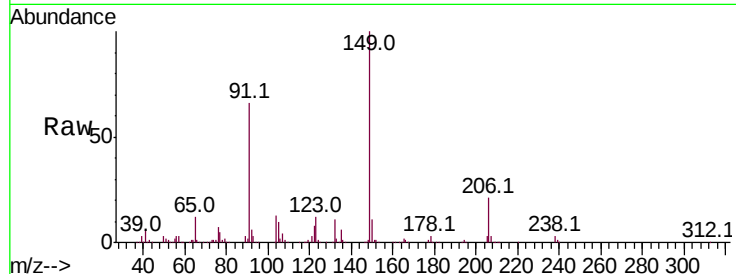
#79
Butylbenzylphthalate
Concen: 40.153 ng
RT: 13.29 min Scan# 1862
Delta R.T. -0.00 min
Lab File: BF109177.D
Acq: 20 Sep 2018 6:26

Instrument :
BNA_F
ClientSampleId :
PB112999BSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	65.8	56.8	85.2
206	21.1	14.1	21.1

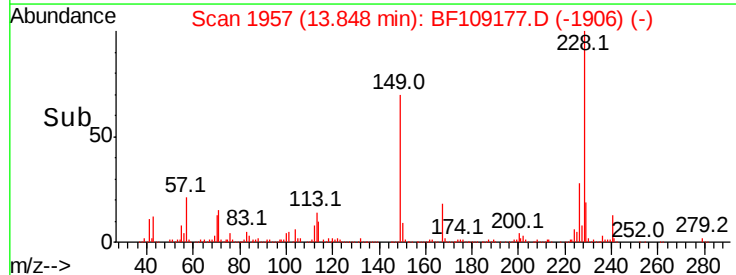
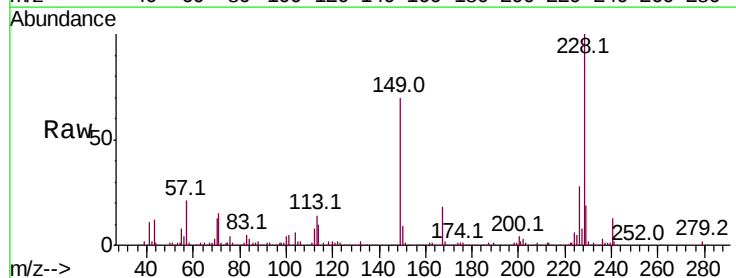
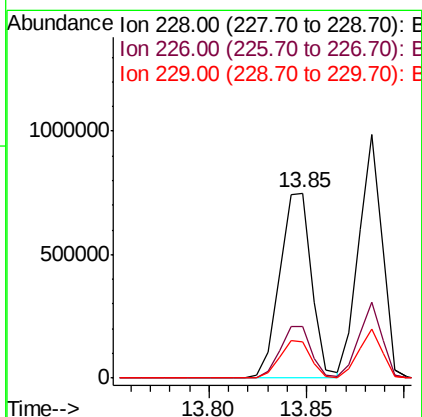
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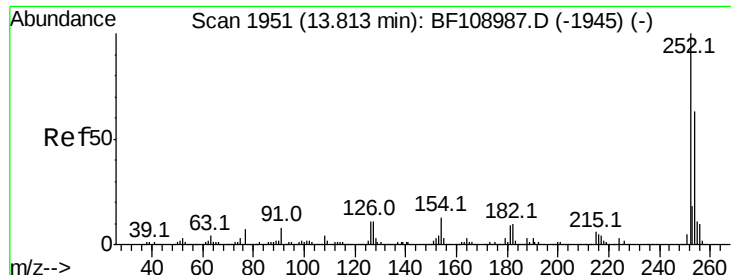
Sohil
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#80
Benzo(a)anthracene
Concen: 46.969 ng
RT: 13.85 min Scan# 1957
Delta R.T. 0.00 min
Lab File: BF109177.D
Acq: 20 Sep 2018 6:26

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	27.5	22.6	33.8
229	19.4	15.8	23.6





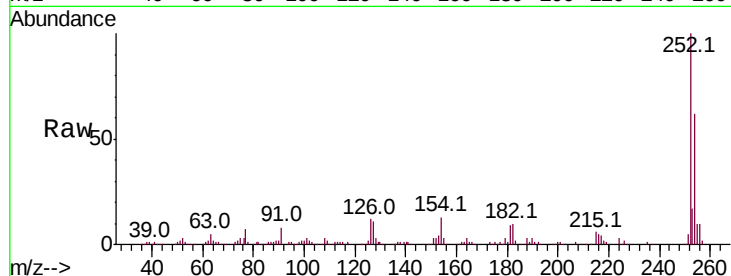
#81
 3,3'-Dichlorobenzidine
 Concen: 25.015 ng
 RT: 13.81 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BF109177.D
 Acq: 20 Sep 2018 6:26

Instrument :
 BNA_F
 ClientSampleId :
 PB112999BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	62.0	50.4	75.6
126	12.1	11.3	16.9

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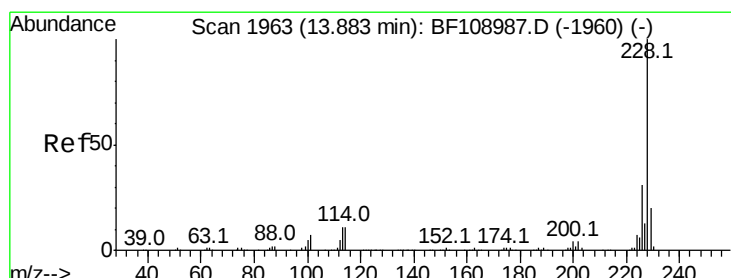
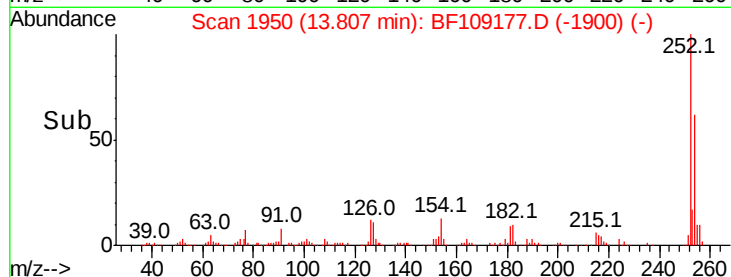
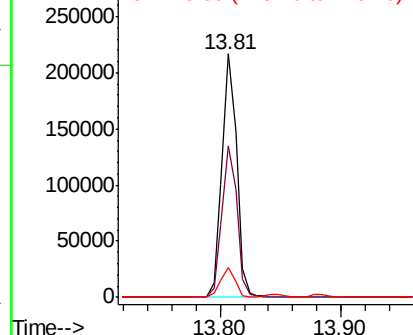


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 45.616 ng
 RT: 13.88 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: BF109177.D
 Acq: 20 Sep 2018 6:26

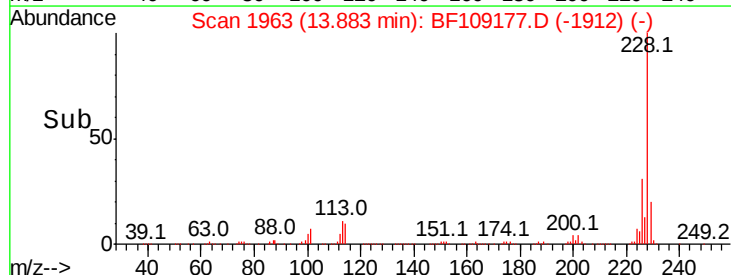
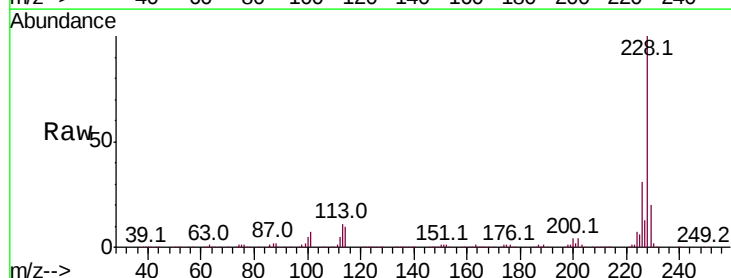
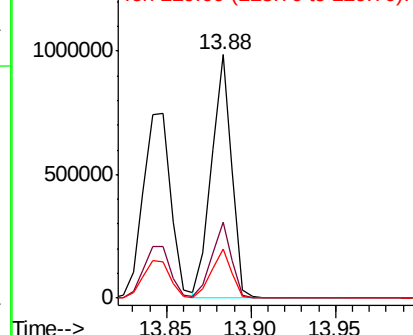
Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.3	25.0	37.6
229	20.2	16.2	24.4

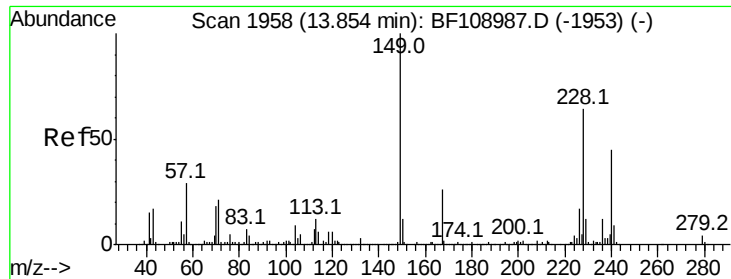
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





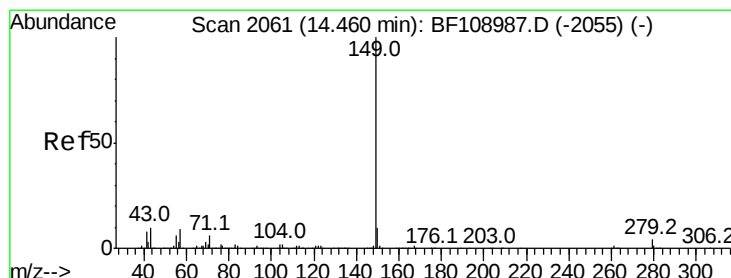
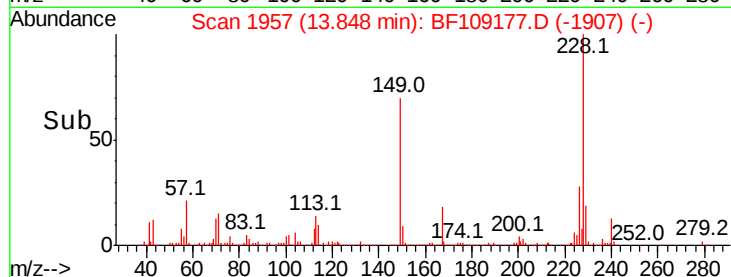
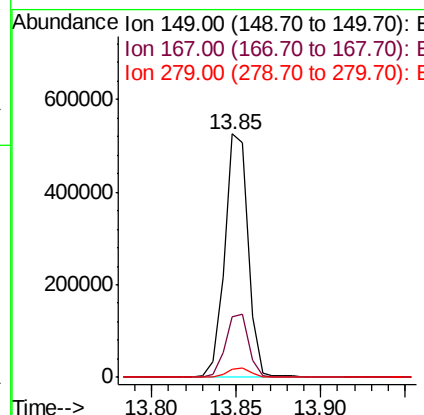
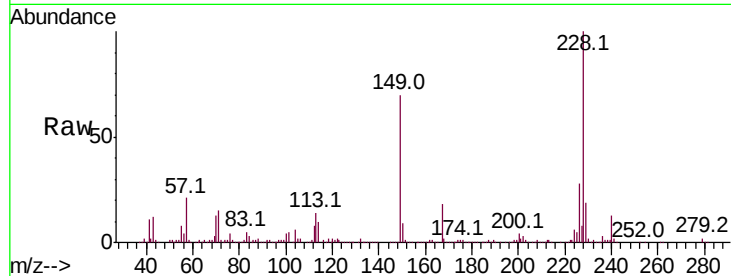
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.457 ng
 RT: 13.85 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BF109177.D
 Acq: 20 Sep 2018 6:26

Instrument :
 BNA_F
 ClientSampleId :
 PB112999BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	507283		
167	25.0		21.3	31.9
279	3.5		3.0	4.4

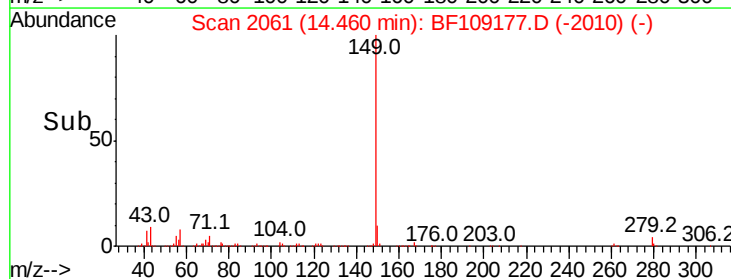
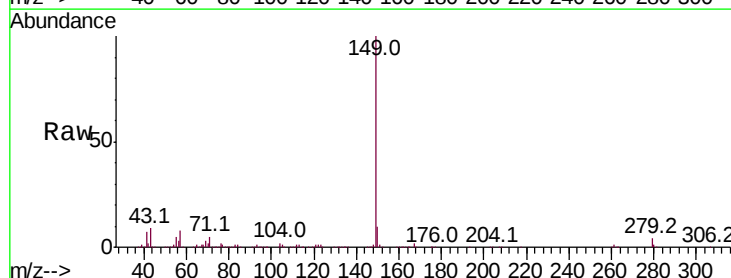
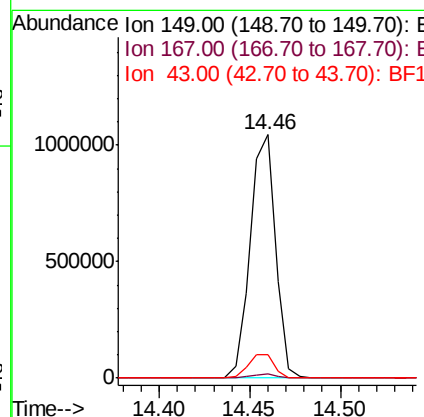
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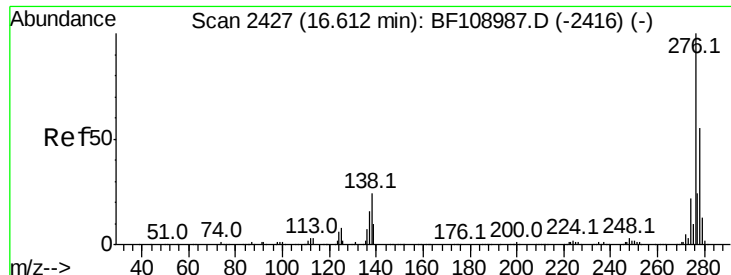
Sohil
 9/20/2018 10:07:01 AM



#84
 Di-n-octyl phthalate
 Concen: 50.162 ng
 RT: 14.46 min Scan# 2061
 Delta R.T. 0.00 min
 Lab File: BF109177.D
 Acq: 20 Sep 2018 6:26

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1016466		
167	1.5		1.2	1.8
43	9.9		8.4	12.6





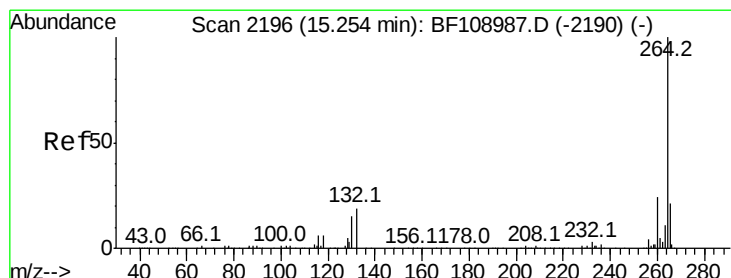
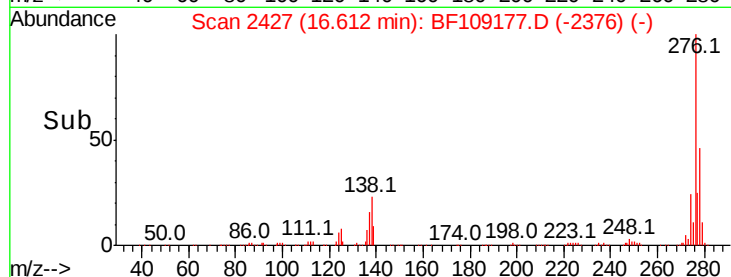
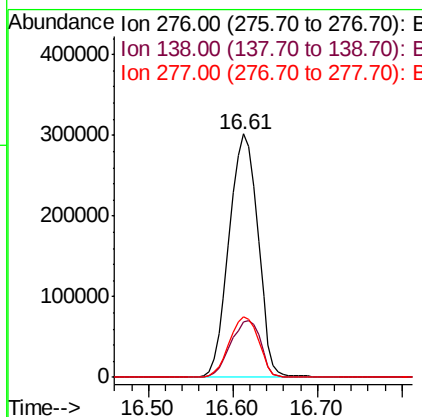
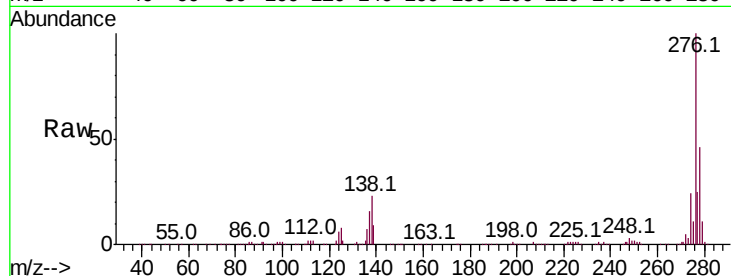
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.708 ng
 RT: 16.61 min Scan# 2427
 Delta R.T. 0.00 min
 Lab File: BF109177.D
 Acq: 20 Sep 2018 6:26

Instrument :
 BNA_F
 ClientSampleId :
 PB112999BSD

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
138	24.4	25.0	37.6	
277	25.4	20.1	30.1	

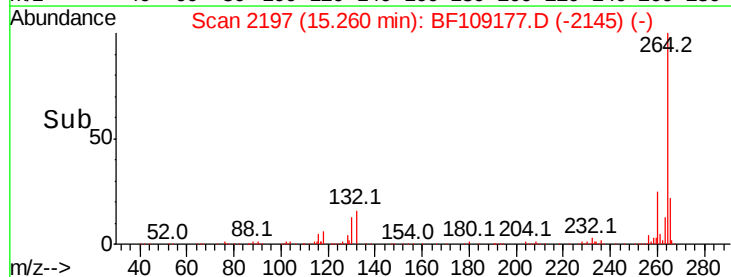
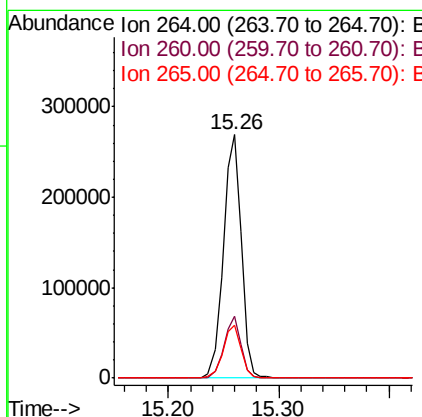
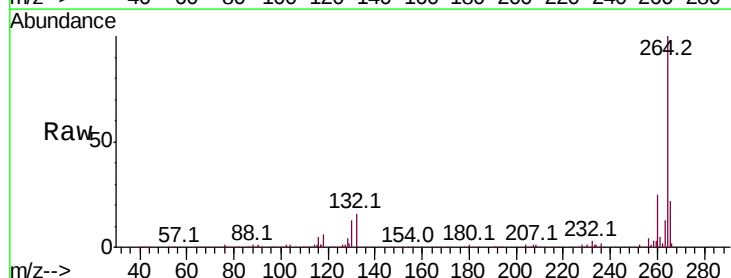
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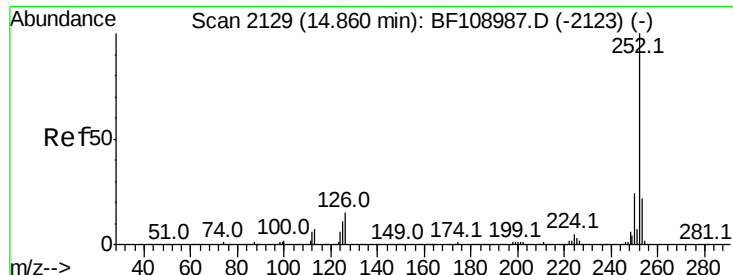
Sohil
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.26 min Scan# 2197
 Delta R.T. 0.01 min
 Lab File: BF109177.D
 Acq: 20 Sep 2018 6:26

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	25.4	19.2	28.8	
265	21.6	17.5	26.3	





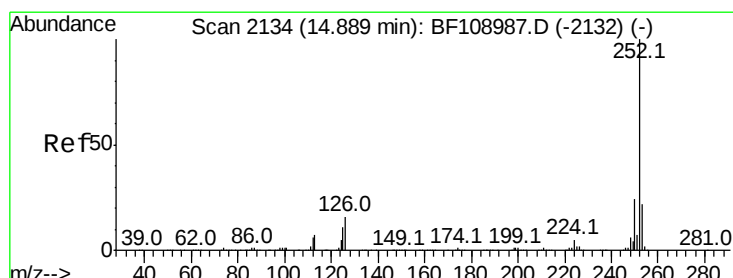
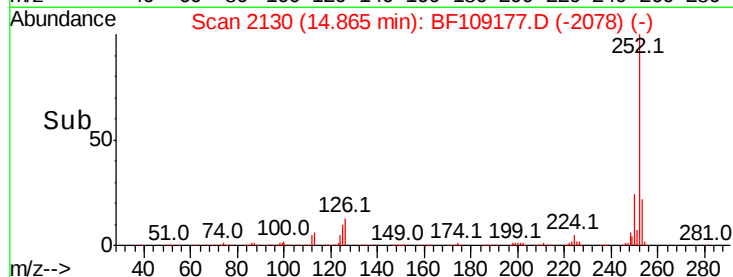
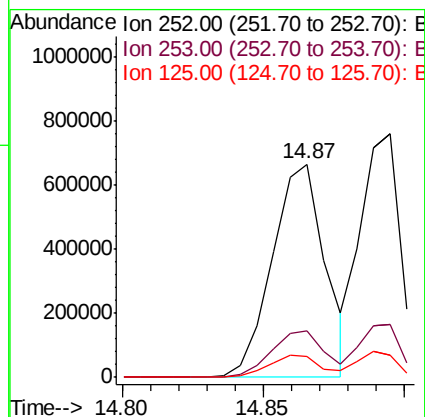
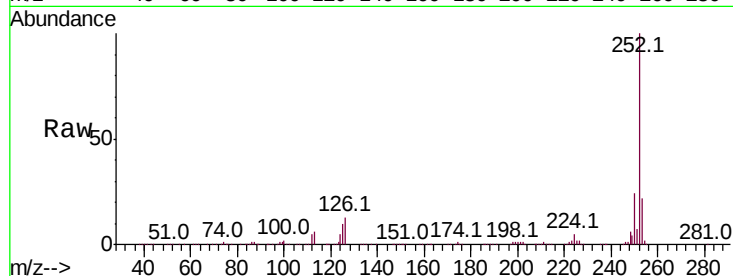
#87
Benzo(b)fluoranthene
Concen: 51.002 ng
RT: 14.87 min Scan# 2130
Delta R.T. 0.01 min
Lab File: BF109177.D
Acq: 20 Sep 2018 6:26

Instrument :
BNA_F
ClientSampleId :
PB112999BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	9.7	9.0	13.6

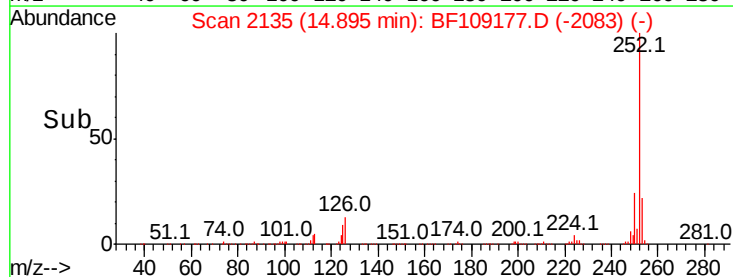
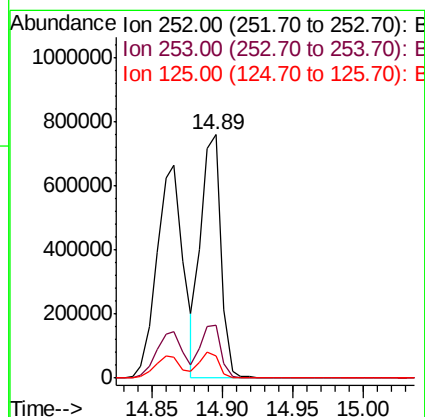
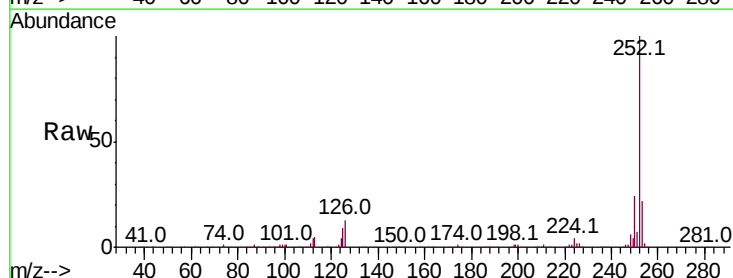
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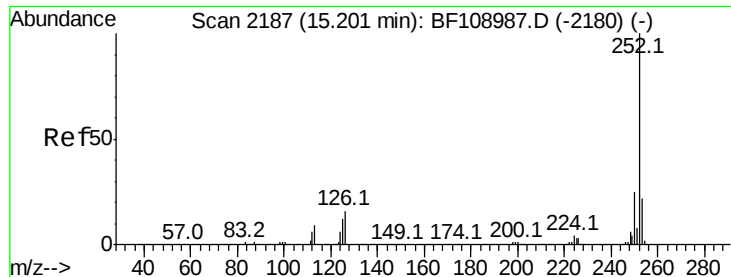
Sohil
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#88
Benzo(k)fluoranthene
Concen: 47.477 ng
RT: 14.89 min Scan# 2135
Delta R.T. 0.01 min
Lab File: BF109177.D
Acq: 20 Sep 2018 6:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	9.0	10.2	15.2#





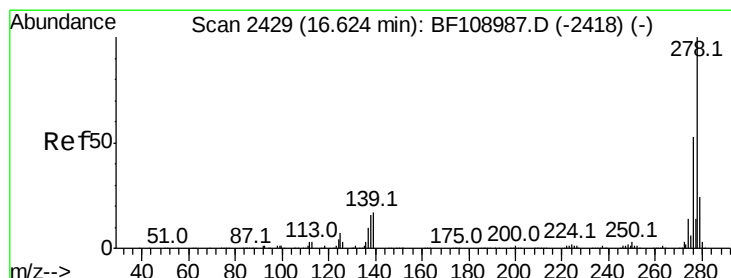
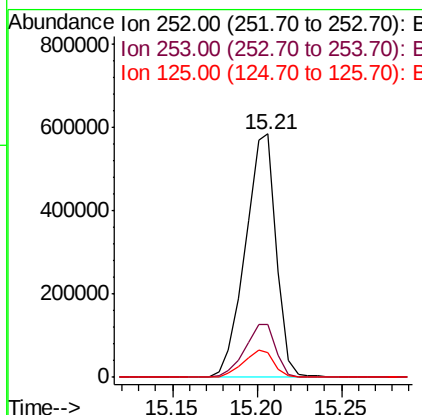
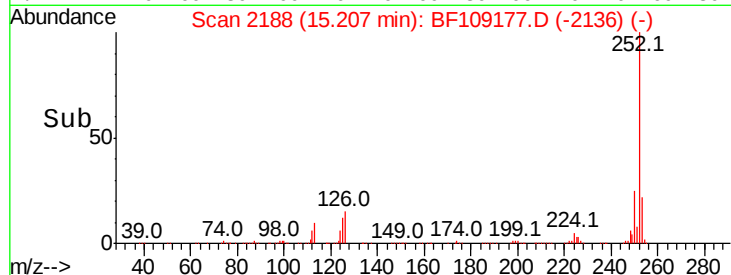
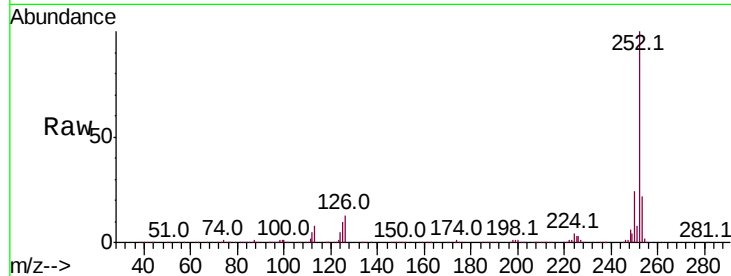
#89
Benzo(a)pyrene
Concen: 49.732 ng
RT: 15.21 min Scan# 2188
Delta R.T. 0.01 min
Lab File: BF109177.D
Acq: 20 Sep 2018 6:26

Instrument :
BNA_F
ClientSampleId :
PB112999BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	10.1	9.8	14.6

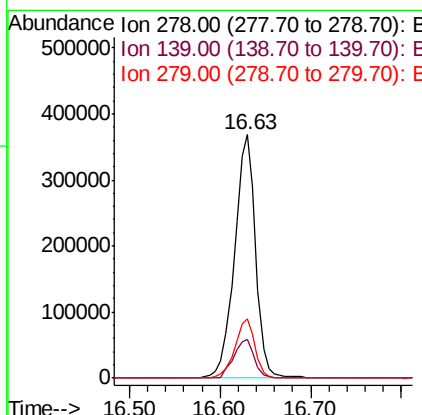
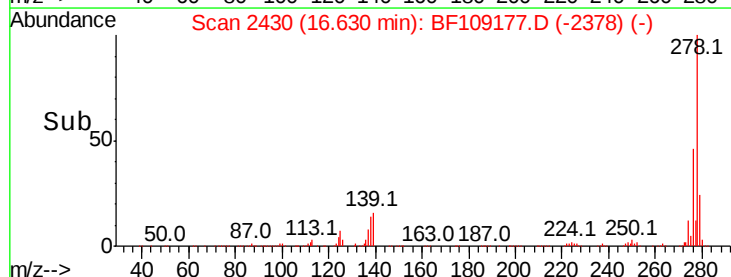
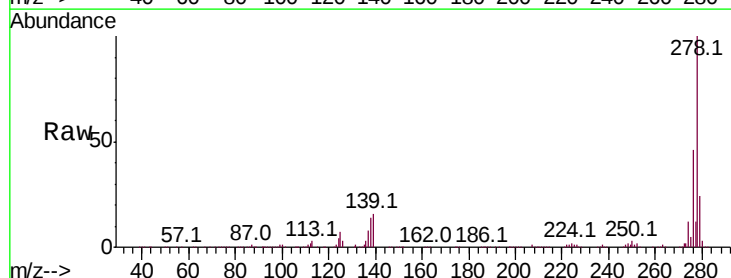
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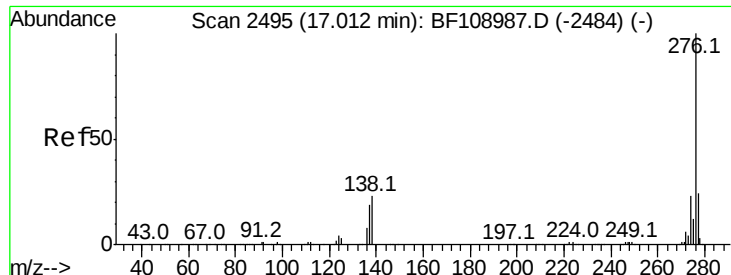
Sohil
9/20/2018 10:07:01 AM



#90
Dibenzo(a,h)anthracene
Concen: 47.465 ng
RT: 16.63 min Scan# 2430
Delta R.T. 0.01 min
Lab File: BF109177.D
Acq: 20 Sep 2018 6:26

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.0	15.9	23.9
279	24.3	19.0	28.4





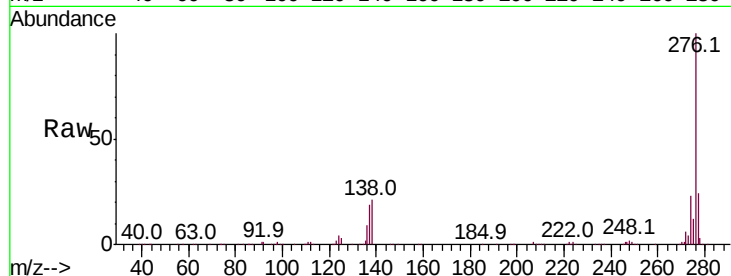
#91
 Benzo(a,h,i)perylene
 Concen: 46.098 ng
 RT: 17.02 min Scan# 2496
 Delta R.T. 0.01 min
 Lab File: BF109177.D
 Acq: 20 Sep 2018 6:26

Instrument :
 BNA_F
 ClientSampleId :
 PB112999BSD

Tot Ion:	276	Resp:	580908
Ion Ratio		Lower	Upper
276	100		
277	23.9	17.9	26.9
138	21.4	21.8	32.8#

Manual Integrations
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Sohil
 9/20/2018 10:07:01 AM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

