

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
 Data File : BF109034.D
 Acq On : 15 Sep 2018 9:34
 Operator : JU/SJ
 Sample : PB112873BS
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112873BS

Manual Integrations
 APPROVED

Sohil
 9/17/2018 1:59:44 PM

Quant Time: Sep 17 03:31:58 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	146101	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	546167	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	261738	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	486423	20.00	ng	0.00
75) Chrysene-d12	13.85	240	280012	20.00	ng	0.00
86) Perylene-d12	15.25	264	351410	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	761491	86.57	ng	0.01
7) Phenol-d6	6.36	99	982757	86.64	ng	0.00
23) Nitrobenzene-d5	7.28	82	893036	91.71	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	250900	88.33	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1559215	93.33	ng	0.00
78) Terphenyl-d14	12.81	244	1448109	122.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.47	88	151891	36.274	ng	93
3) Pyridine	3.16	79	422222	38.037	ng	92
4) n-Nitrosodimethylamine	3.10	42	197379	47.082	ng	# 93
6) Aniline	6.38	93	530730	36.200	ng	# 88
8) 2-Chlorophenol	6.51	128	417883	42.450	ng	96
9) Benzaldehyde	6.26	77	177829	24.547	ng	98
10) Phenol	6.37	94	522122	40.910	ng	85
11) bis(2-Chloroethyl)ether	6.46	93	408792	40.713	ng	96
12) 1,3-Dichlorobenzene	6.66	146	451573	40.112	ng	98
13) 1,4-Dichlorobenzene	6.74	146	454896	40.277	ng	99
14) 1,2-Dichlorobenzene	6.90	146	422612	40.362	ng	97
15) Benzyl Alcohol	6.87	79	366930	42.611	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	597563	41.537	ng	96
17) 2-Methylphenol	6.98	107	348455	43.387	ng	96
18) Hexachloroethane	7.24	117	169123	41.230	ng	99
19) n-Nitroso-di-n-propylamine	7.14	70	297249	39.646	ng	95
20) 3+4-Methylphenols	7.13	107	400830	41.439	ng	# 67
22) Acetophenone	7.13	105	560170	45.163	ng	# 91
24) Nitrobenzene	7.30	77	444687	44.293	ng	98
25) Isophorone	7.54	82	826065	49.351	ng	97
26) 2-Nitrophenol	7.62	139	207825	44.332	ng	99
27) 2,4-Dimethylphenol	7.66	122	375645	51.083	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	518579	46.038	ng	100
29) 2,4-Dichlorophenol	7.86	162	349100	44.549	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	365041	43.094	ng	96
31) Naphthalene	8.02	128	1181703	46.616	ng	100
32) Benzoic acid	7.79	122	239585	49.862	ng	99
33) 4-Chloroaniline	8.07	127	336576	29.862	ng	98
34) Hexachlorobutadiene	8.15	225	216187	41.804	ng	99
35) Caprolactam	8.44	113	114411m	44.782	ng	
36) 4-Chloro-3-methylphenol	8.56	107	363792	44.100	ng	97
37) 2-Methylnaphthalene	8.72	142	796753	48.216	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	341363	41.438	ng	98
40) Hexachlorocyclopentadiene	8.88	237	355225	85.584	ng	99

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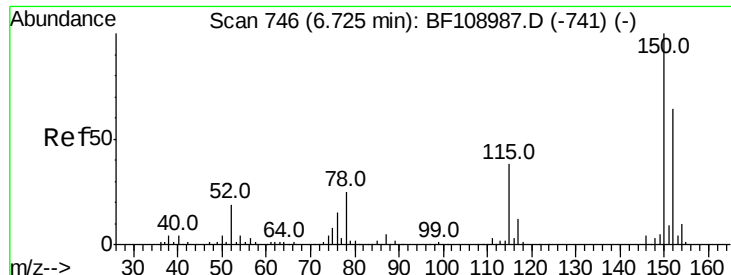
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	247197	44.644	nq	97
43) 2,4,5-Trichlorophenol	9.03	196	262957	45.444	nq	98
45) 1,1'-Biphenyl	9.18	154	921532	44.008	nq	100
46) 2-Chloronaphthalene	9.20	162	731025	43.591	nq	98
47) 2-Nitroaniline	9.30	65	228691	44.358	nq	96
48) Acenaphthylene	9.61	152	1172534	46.374	nq	99
49) Dimethylphthalate	9.48	163	840312	44.919	nq	100
50) 2,6-Dinitrotoluene	9.54	165	186193	44.880	nq	97
51) Acenaphthene	9.79	154	747538	47.480	nq	98
52) 3-Nitroaniline	9.70	138	151397	30.991	nq	96
53) 2,4-Dinitrophenol	9.81	184	132128	82.638	nq	# 21
54) Dibenzofuran	9.96	168	1002670	44.070	nq	98
55) 4-Nitrophenol	9.87	139	307912	85.549	nq	93
56) 2,4-Dinitrotoluene	9.94	165	247514	45.620	nq	# 92
57) Fluorene	10.30	166	720503	47.520	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	221144	46.156	nq	90
59) Diethylphthalate	10.18	149	830371	43.955	nq	97
60) 4-Chlorophenyl-phenylether	10.30	204	345058	42.501	nq	94
61) 4-Nitroaniline	10.31	138	198360	42.739	nq	99
62) Azobenzene	10.45	77	861158	44.533	nq	95
64) 4,6-Dinitro-2-methylphenol	10.35	198	89413	38.419	nq	76
65) n-Nitrosodiphenylamine	10.41	169	718725	45.171	nq	96
66) 4-Bromophenyl-phenylether	10.78	248	241144	43.974	nq	92
67) Hexachlorobenzene	10.85	284	258494	44.069	nq	# 89
68) Atrazine	10.94	200	236010	46.336	nq	95
69) Pentachlorophenol	11.04	266	269002	71.680	nq	99
70) Phenanthrene	11.25	178	1112241	46.646	nq	99
71) Anthracene	11.31	178	1140975	47.204	nq	100
72) Carbazole	11.46	167	1004702	41.990	nq	99
73) Di-n-butylphthalate	11.80	149	1238908	44.233	nq	100
74) Fluoranthene	12.44	202	1093269	43.431	nq	96
76) Benzidine	12.55	184	543149	54.797	nq	99
77) Pyrene	12.66	202	1079753	51.914	nq	98
79) Butylbenzylphthalate	13.28	149	478411	51.499	nq	94
80) Benzo(a)anthracene	13.84	228	841355	49.629	nq	99
81) 3,3'-Dichlorobenzidine	13.81	252	252801	36.954	nq	# 96
82) Chrysene	13.88	228	825885	48.692	nq	100
83) Bis(2-ethylhexyl)phthalate	13.85	149	606705	53.939	nq	99
84) Di-n-octyl phthalate	14.46	149	1015081	53.212	nq	98
85) Indeno(1,2,3-cd)pyrene	16.61	276	1028131	75.819	nq	94
87) Benzo(b)fluoranthene	14.86	252	859487	44.211	nq	98
88) Benzo(k)fluoranthene	14.89	252	789855m	43.499	nq	
89) Benzo(a)pyrene	15.19	252	836136	48.430	nq	98
90) Dibenzo(a,h)anthracene	16.62	278	859352	59.246	nq	96
91) Benzo(g,h,i)perylene	17.01	276	865271	59.668	nq	94

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



#1

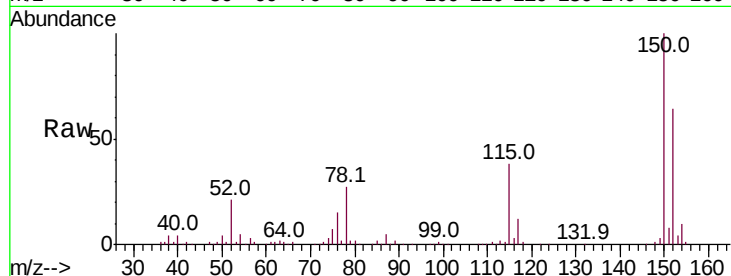
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109034.D
Acq: 15 Sep 2018 9:34

Instrument :
BNA_F
ClientSampleId :
PB112873BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.6	186.8
115	59.0	50.1	75.1

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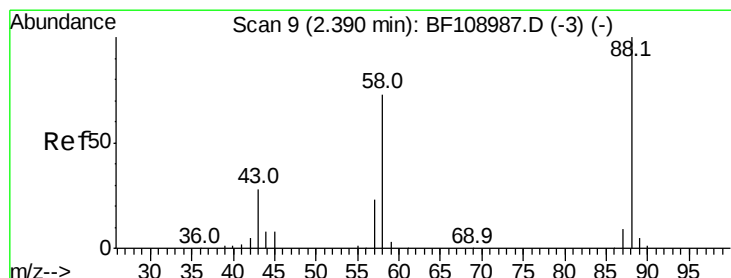
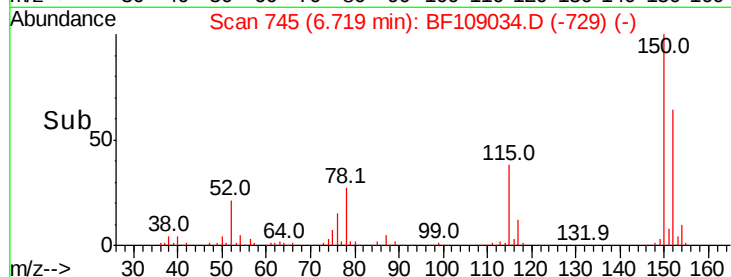
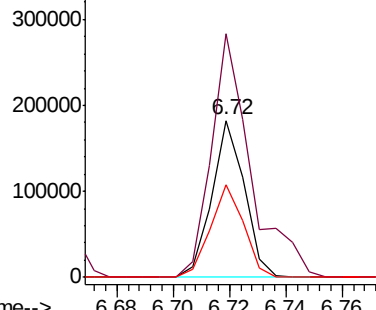


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.274 ng
RT: 2.47 min Scan# 22
Delta R.T. 0.08 min
Lab File: BF109034.D
Acq: 15 Sep 2018 9:34

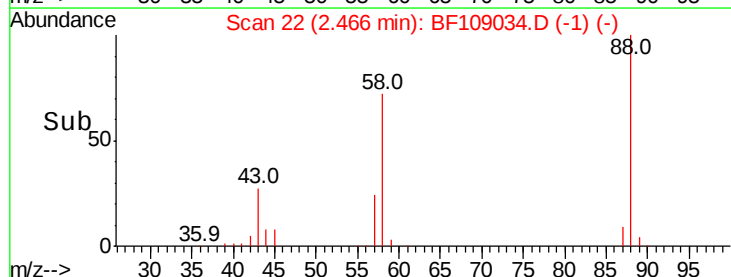
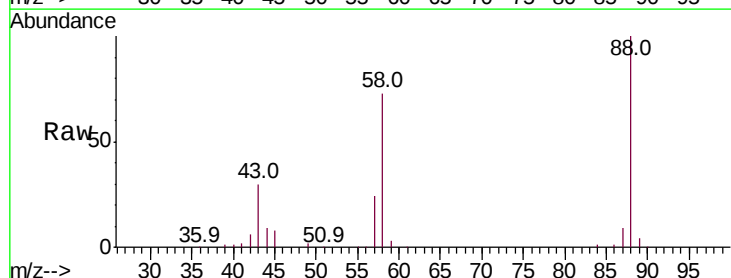
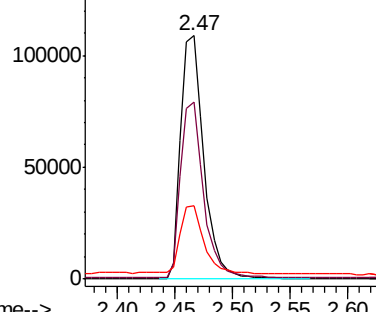
Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.0	62.6	93.8
43	28.9	24.6	37.0

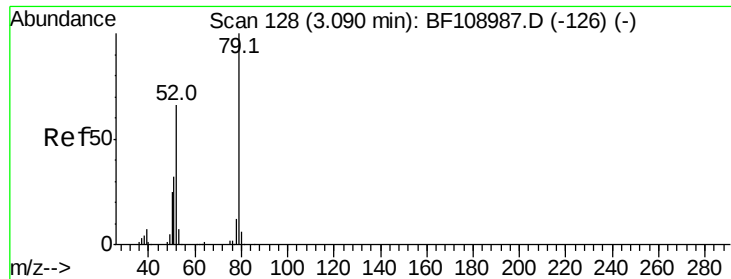
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 38.037 ng

RT: 3.16 min Scan# 140

Delta R.T. 0.07 min

Lab File: BF109034.D

Acq: 15 Sep 2018 9:34

Instrument :

BNA_F

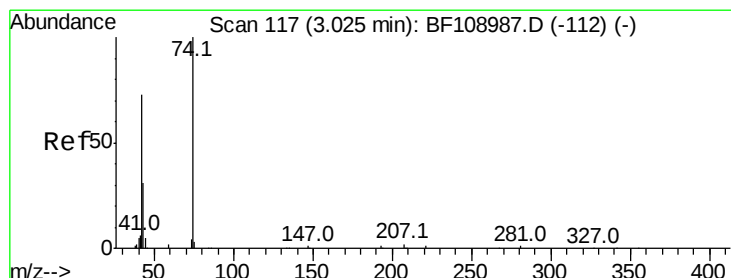
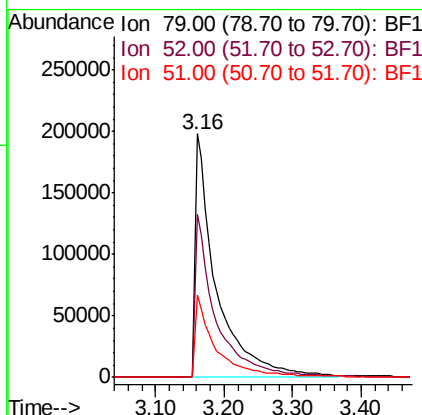
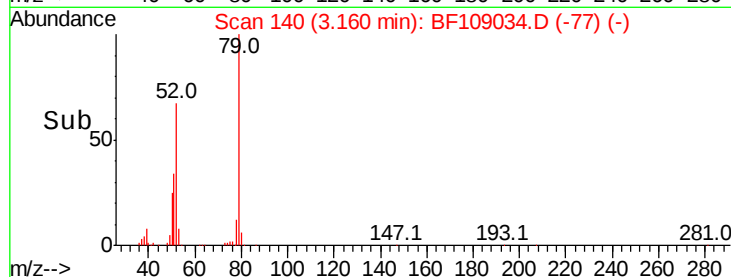
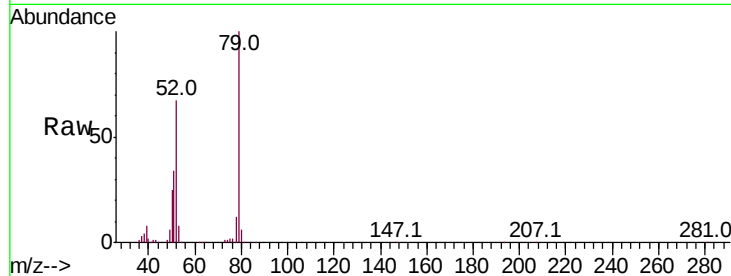
ClientSampled :

PB112873BS

Tot Ion:	79	Resp:	422222
Ion Ratio	Lower	Upper	
79	100		
52	67.2	59.8	89.6
51	33.8	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 47.082 ng

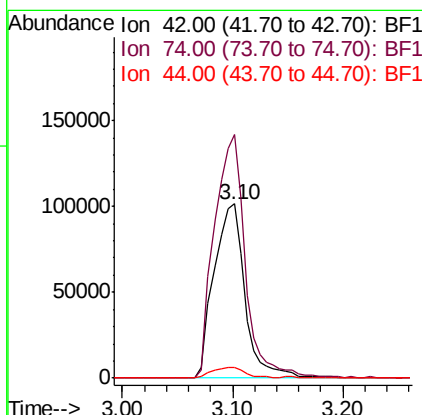
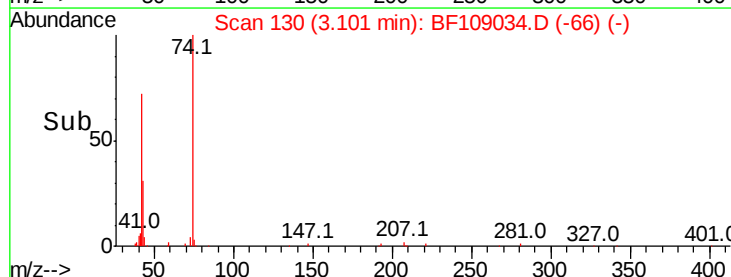
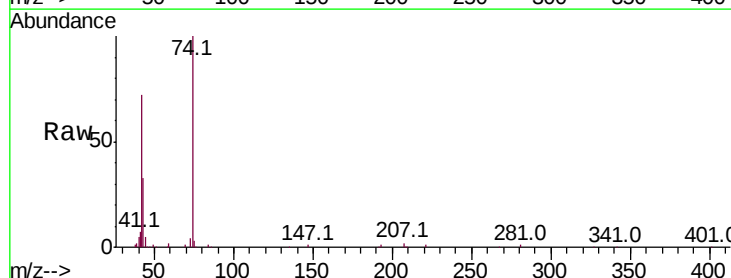
RT: 3.10 min Scan# 130

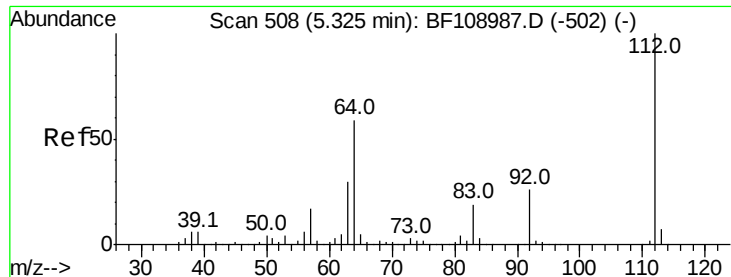
Delta R.T. 0.08 min

Lab File: BF109034.D

Acq: 15 Sep 2018 9:34

Tgt Ion:	42	Resp:	197379
Ion Ratio	Lower	Upper	
42	100		
74	139.7	104.9	157.3
44	6.3	6.9	10.3#





#5

2-Fluorophenol

Concen: 86.567 ng

RT: 5.34 min Scan# 510

Delta R.T. 0.01 min

Lab File: BF109034.D

Acq: 15 Sep 2018 9:34

Instrument :

BNA_F

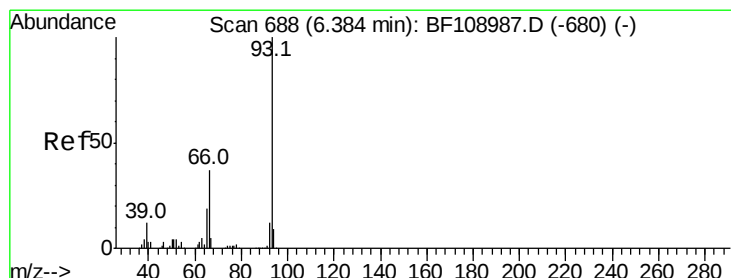
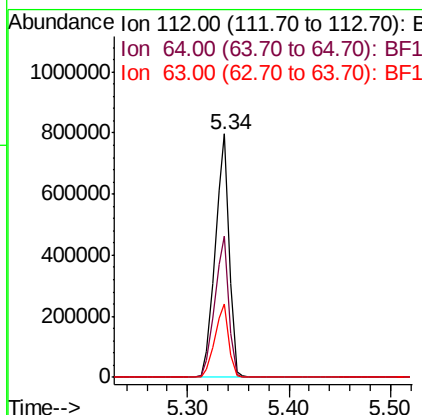
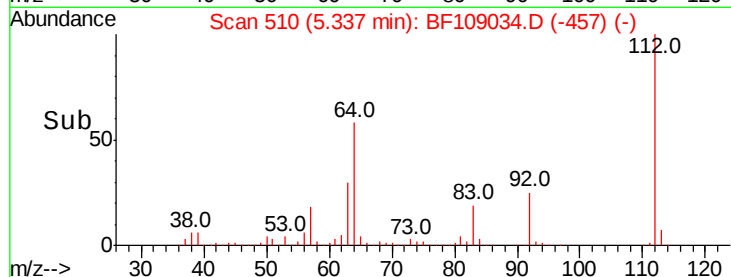
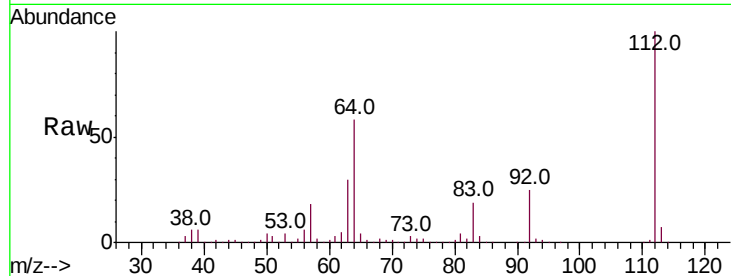
ClientSampleId :

PB112873BS

Tot Ion:	112	Resp:	761491
Ion Ratio	Lower	Upper	
112	100		
64	57.9	47.9	71.9
63	30.0	23.7	35.5

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#6

Aniline

Concen: 36.200 ng

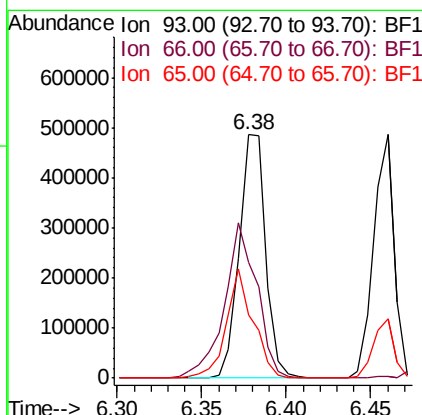
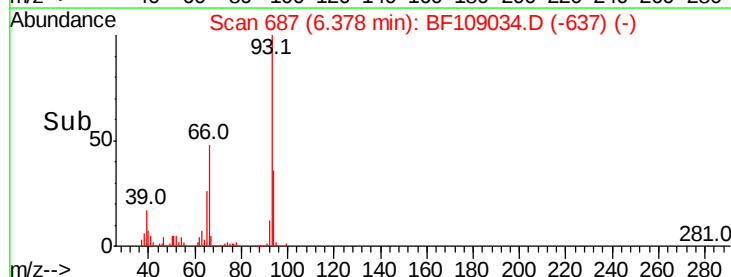
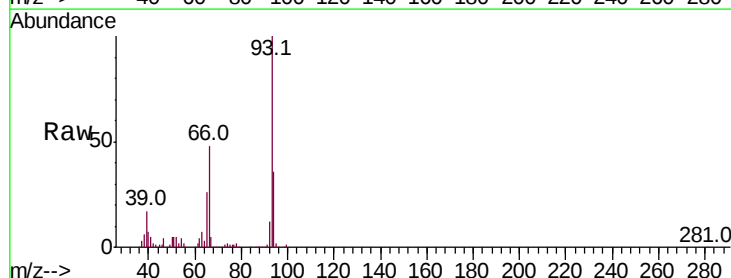
RT: 6.38 min Scan# 687

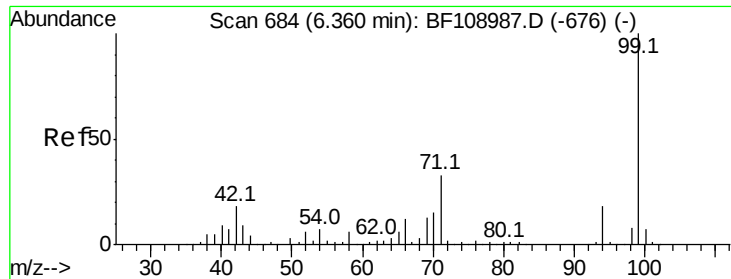
Delta R.T. -0.01 min

Lab File: BF109034.D

Acq: 15 Sep 2018 9:34

Tgt Ion:	93	Resp:	530730
Ion Ratio	Lower	Upper	
93	100		
66	47.7	32.2	48.2
65	25.8	16.4	24.6





#7

Phenol-d6

Concen: 86.642 ng

RT: 6.36 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF109034.D

Acq: 15 Sep 2018 9:34

Instrument :

BNA_F

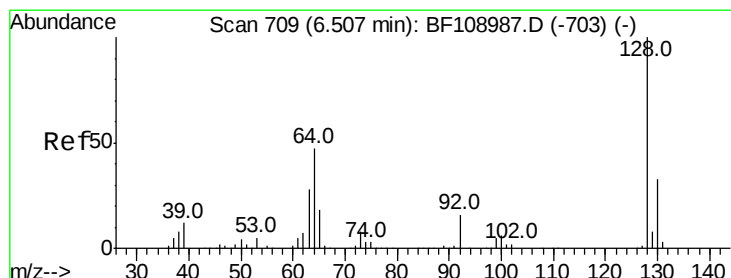
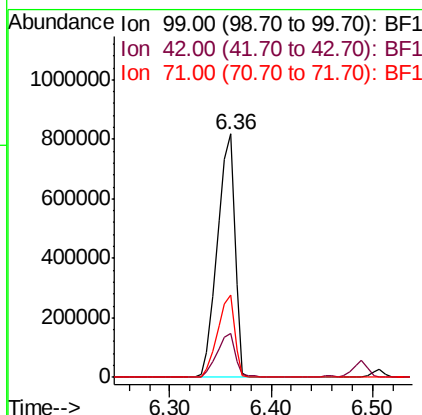
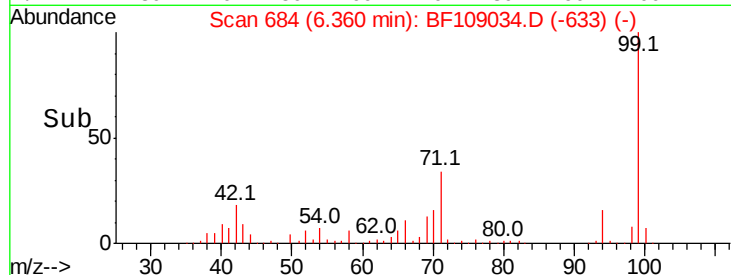
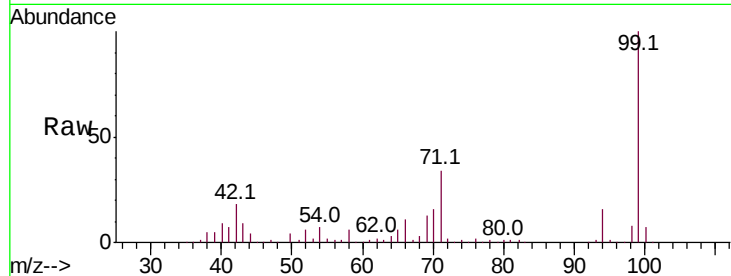
ClientSampled :

PB112873BS

Tot Ion:	99	Resp:	982757
Ion Ratio	Lower	Upper	
99	100		
42	18.2	14.5	21.7
71	33.6	25.4	38.0

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#8

2-Chlorophenol

Concen: 42.450 ng

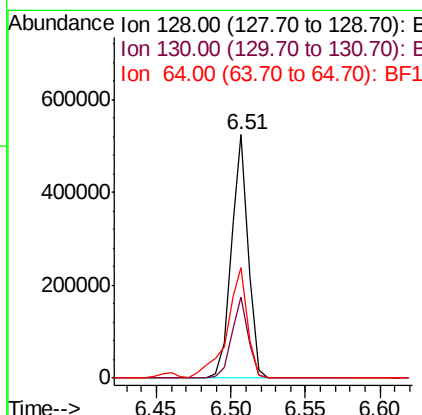
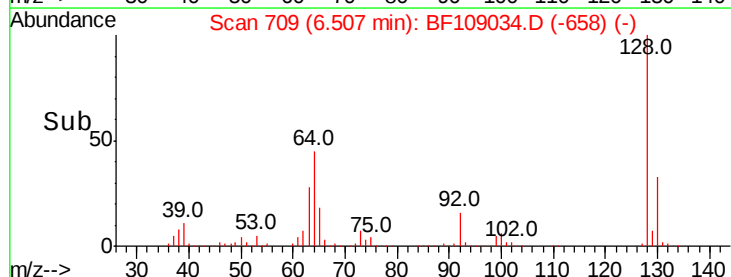
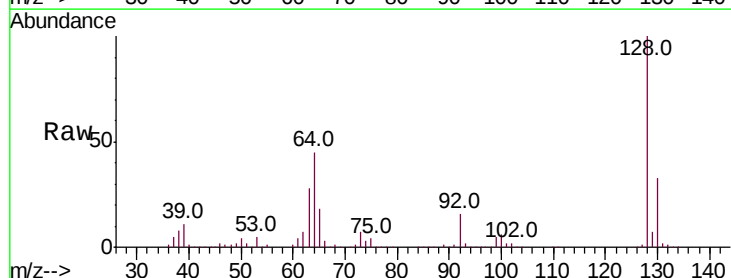
RT: 6.51 min Scan# 709

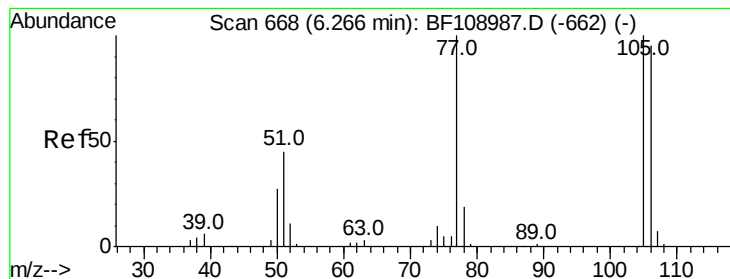
Delta R.T. -0.00 min

Lab File: BF109034.D

Acq: 15 Sep 2018 9:34

Tgt Ion:	128	Resp:	417883
Ion Ratio	Lower	Upper	
128	100		
130	33.2	13.0	53.0
64	45.4	29.4	69.4





#9

Benzaldehyde

Concen: 24.547 ng

RT: 6.26 min Scan# 667

Delta R.T. -0.01 min

Lab File: BF109034.D

Acq: 15 Sep 2018 9:34

Instrument :

BNA_F

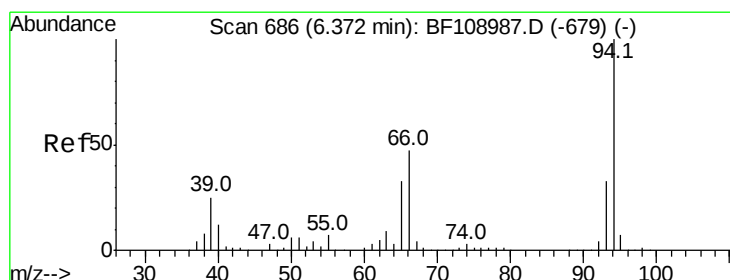
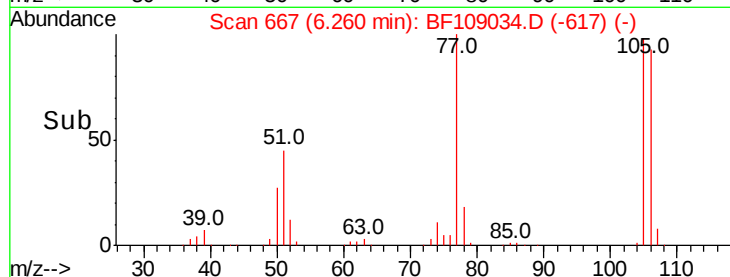
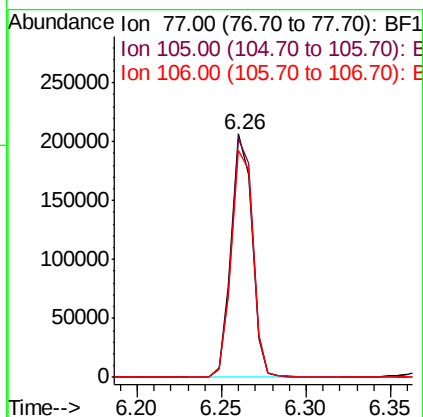
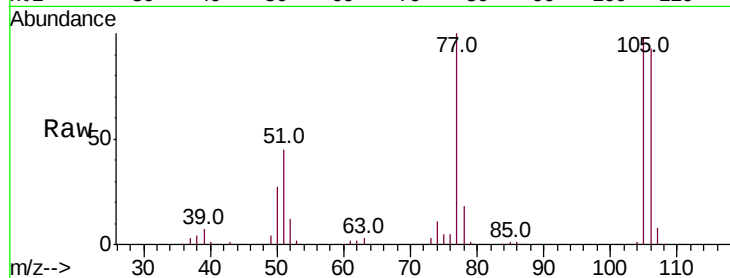
ClientSampleID :

PB112873BS

Tot Ion:	77	Resp:	177829
Ion	Ratio	Lower	Upper
77	100		
105	98.0	81.1	121.1
106	93.2	74.5	114.5

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#10

Phenol

Concen: 40.910 ng

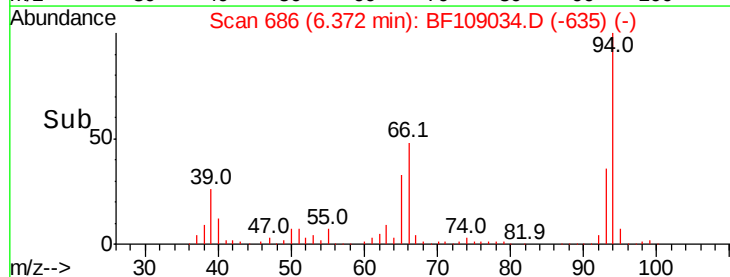
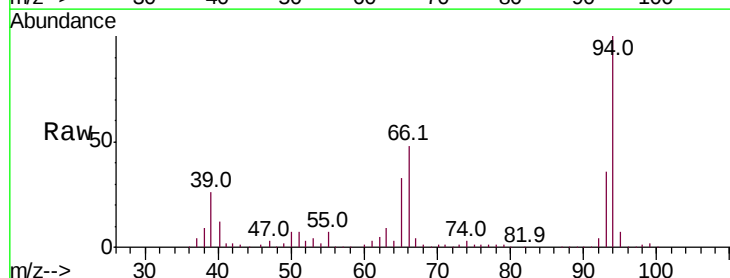
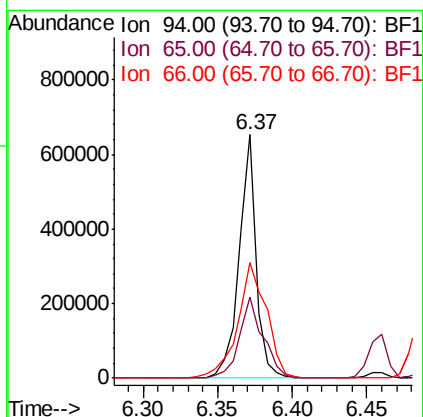
RT: 6.37 min Scan# 686

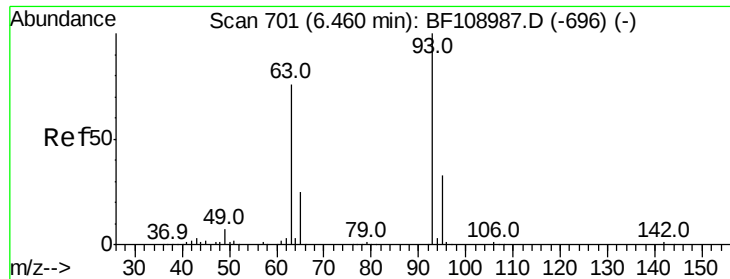
Delta R.T. -0.00 min

Lab File: BF109034.D

Acq: 15 Sep 2018 9:34

Tgt Ion:	94	Resp:	522122
Ion	Ratio	Lower	Upper
94	100		
65	33.4	7.9	47.9
66	47.5	16.2	56.2





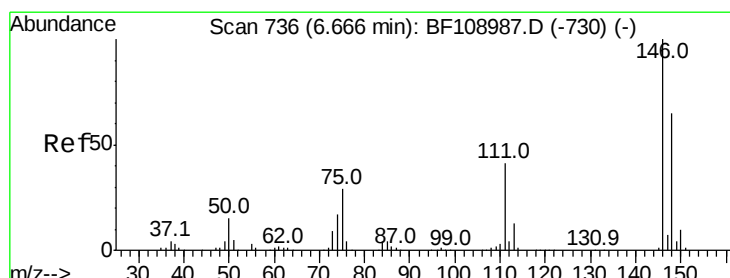
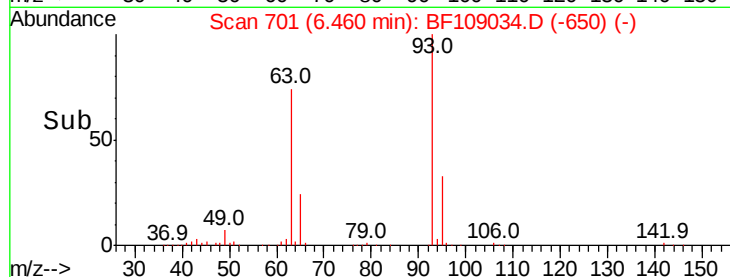
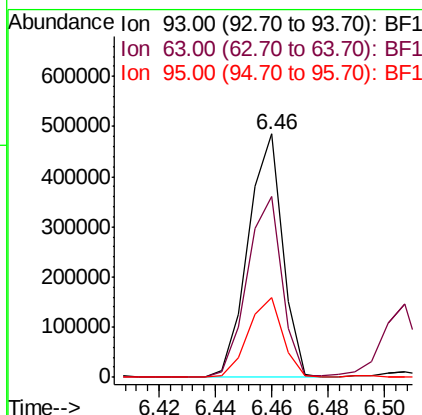
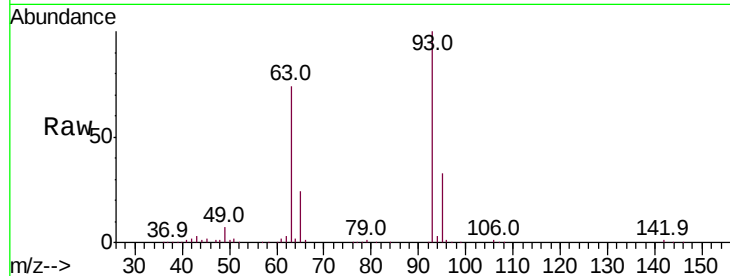
#11
bis(2-Chloroethyl)ether
Concen: 40.713 ng
RT: 6.46 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF109034.D
Acq: 15 Sep 2018 9:34

Instrument :
BNA_F
ClientSampleId :
PB112873BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	408792		
63	74.4	58.6	98.6	
95	32.5	11.8	51.8	

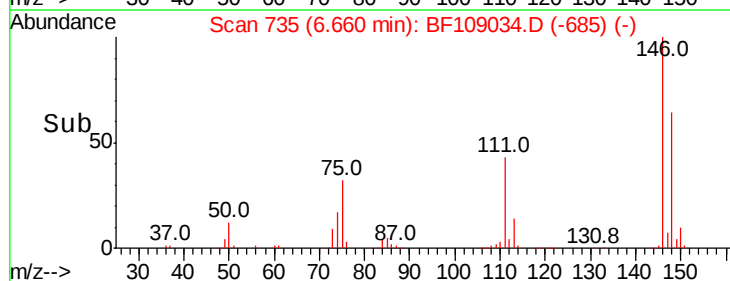
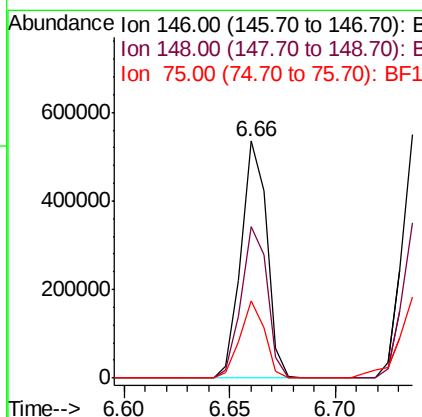
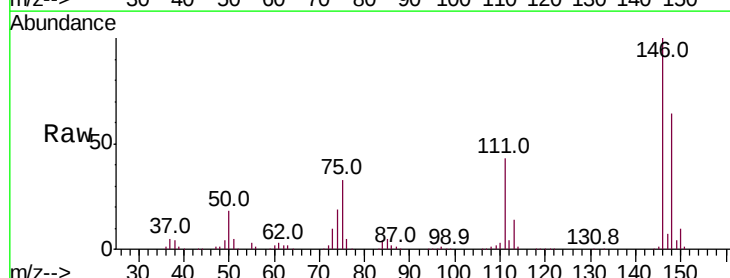
Manual Integrations
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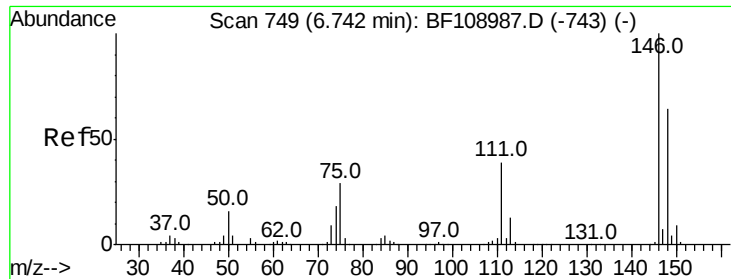
Sohil
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#12
1,3-Dichlorobenzene
Concen: 40.112 ng
RT: 6.66 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF109034.D
Acq: 15 Sep 2018 9:34

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	451573		
148	63.7	51.8	77.8	
75	32.6	24.2	36.4	





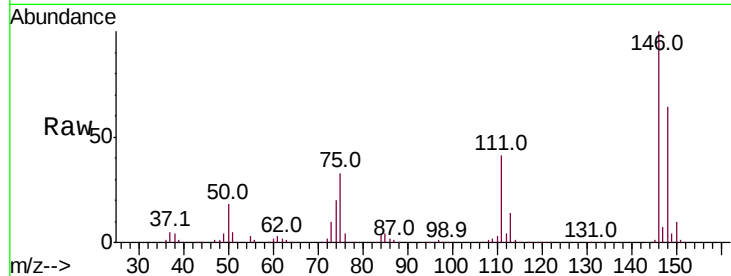
#13
 1,4-Dichlorobenzene
 Concen: 40.277 ng
 RT: 6.74 min Scan# 748
 Delta R.T. -0.01 min
 Lab File: BF109034.D
 Acq: 15 Sep 2018 9:34

Instrument :
 BNA_F
 ClientSampleId :
 PB112873BS

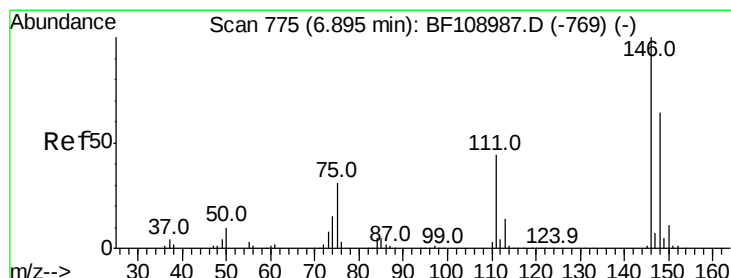
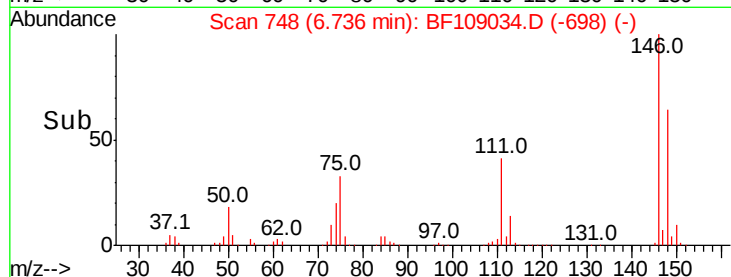
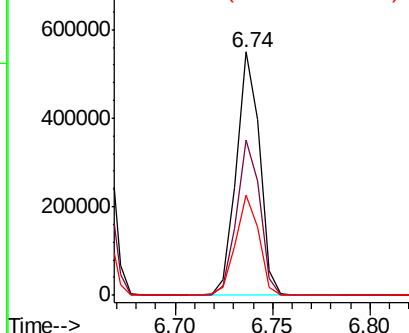
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.8	76.2
111	41.1	34.2	51.2

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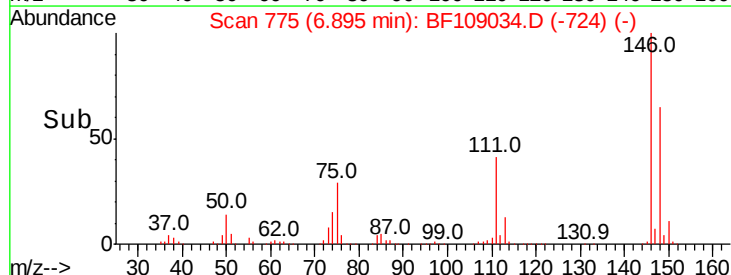
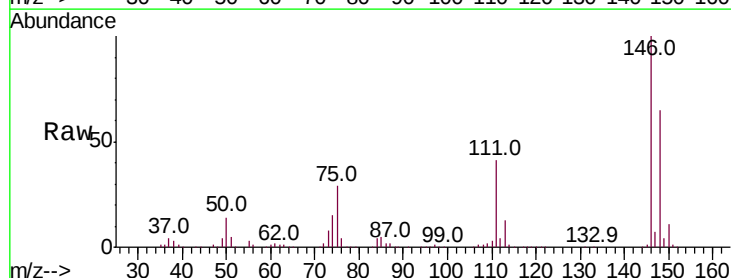
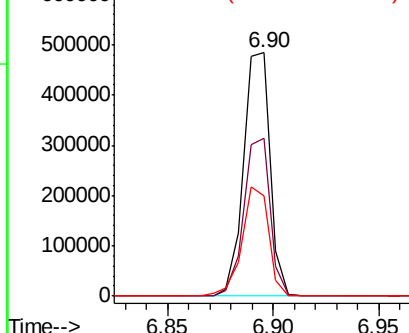
Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

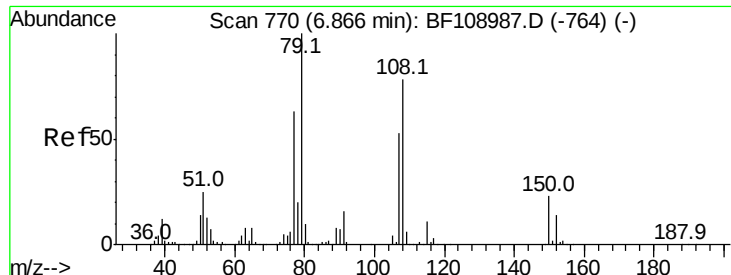


#14
 1,2-Dichlorobenzene
 Concen: 40.362 ng
 RT: 6.90 min Scan# 775
 Delta R.T. -0.00 min
 Lab File: BF109034.D
 Acq: 15 Sep 2018 9:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.6	75.8
111	41.4	36.0	54.0

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





#15

Benzyl Alcohol

Concen: 42.611 ng

RT: 6.87 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF109034.D

Acq: 15 Sep 2018 9:34

Instrument :

BNA_F

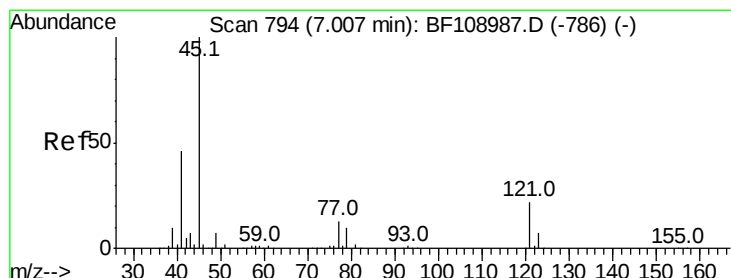
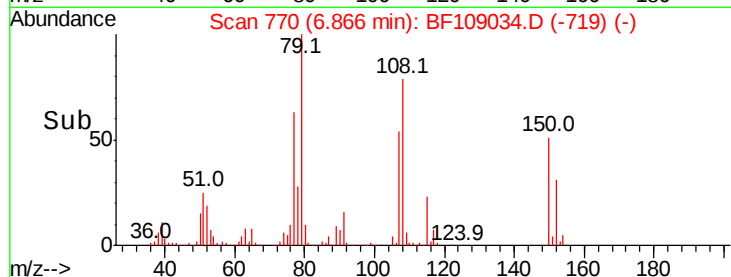
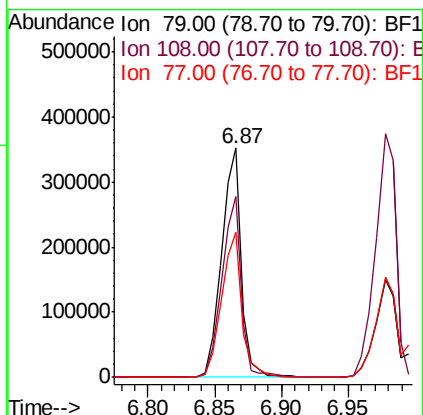
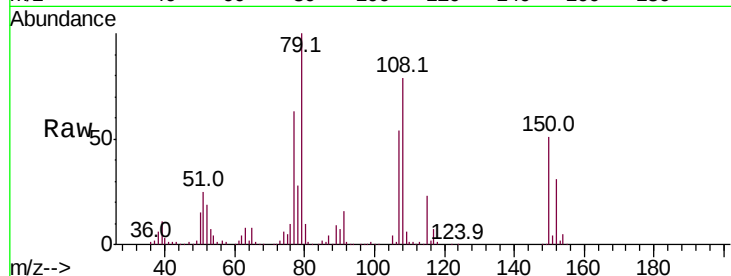
ClientSampled :

PB112873BS

Tot Ion:	79	Resp:	366930
Ion Ratio	Lower	Upper	
79	100		
108	78.7	65.1	97.7
77	63.4	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 41.537 ng

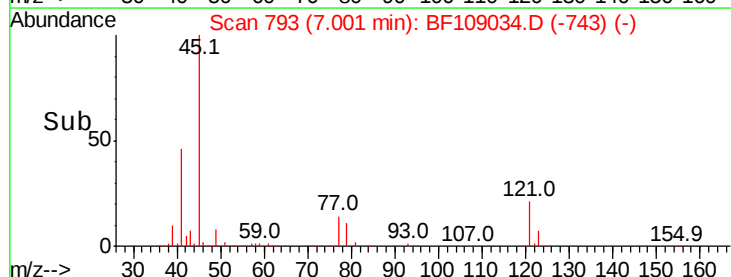
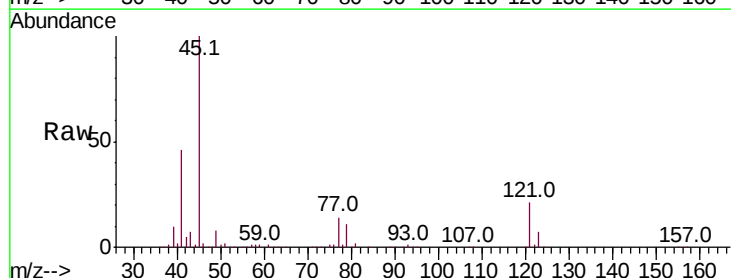
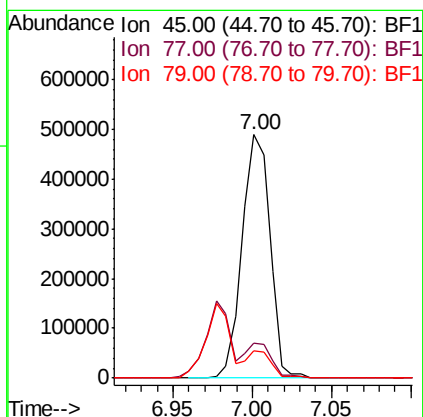
RT: 7.00 min Scan# 793

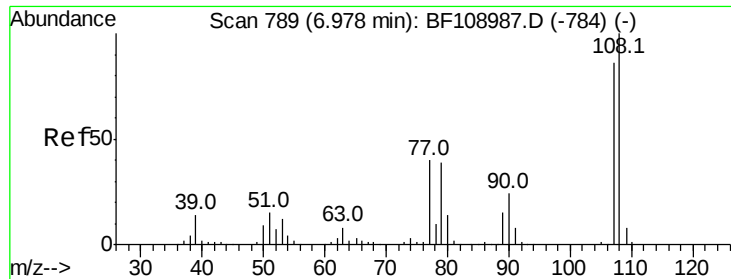
Delta R.T. -0.01 min

Lab File: BF109034.D

Acq: 15 Sep 2018 9:34

Tgt Ion:	45	Resp:	597563
Ion Ratio	Lower	Upper	
45	100		
77	14.4	0.0	32.9
79	11.0	0.0	29.6





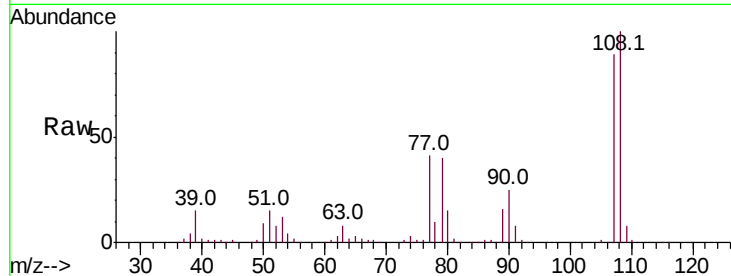
#17
2-Methylphenol
Concen: 43.387 ng
RT: 6.98 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF109034.D
Acq: 15 Sep 2018 9:34

Instrument :
BNA_F
ClientSampleId :
PB112873BS

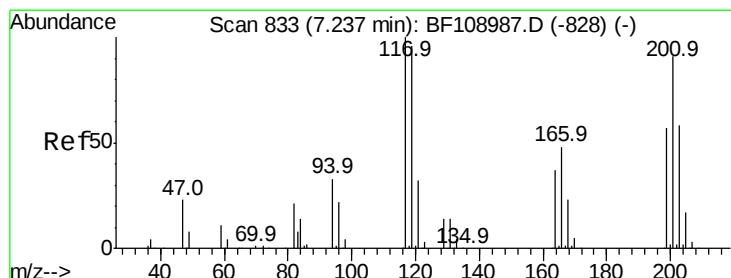
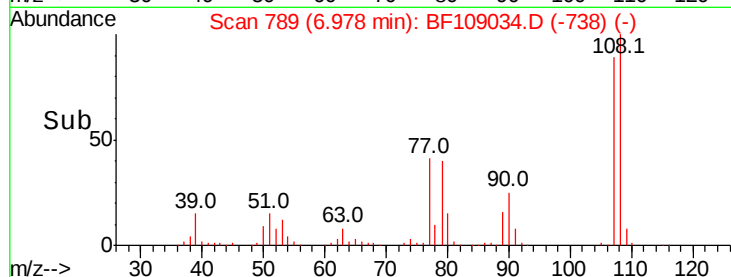
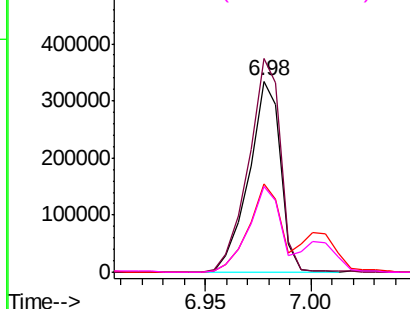
Tot Ion:	107	Resp:	348455
Ion Ratio	Lower	Upper	
107	100		
108	111.9	91.7	137.5
77	46.3	33.8	50.8
79	45.1	33.8	50.8

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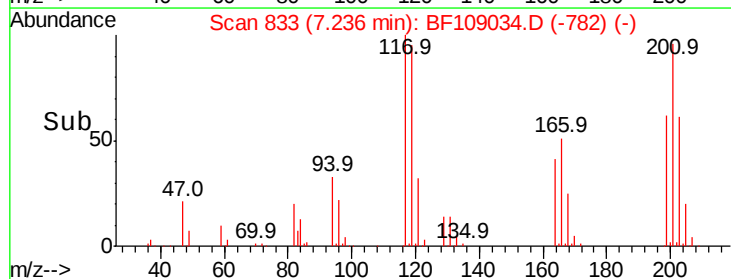
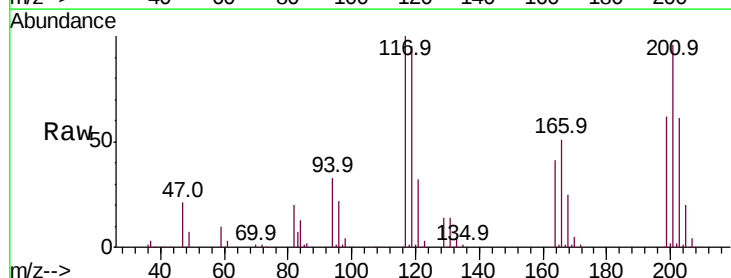
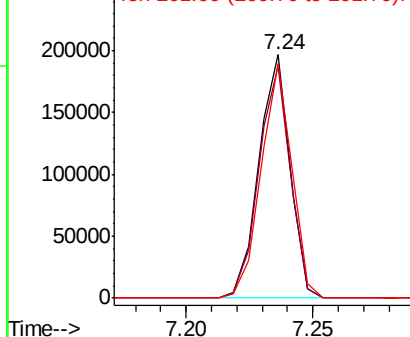
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

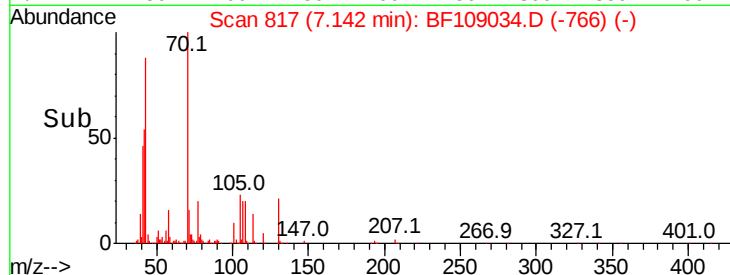
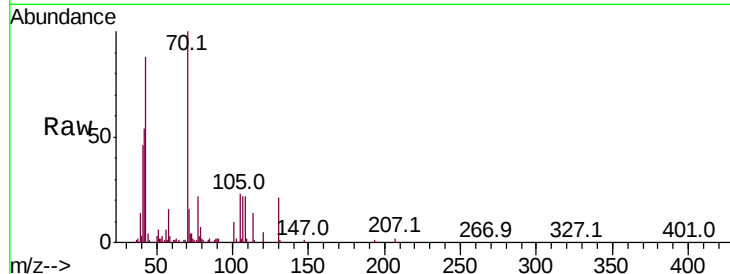
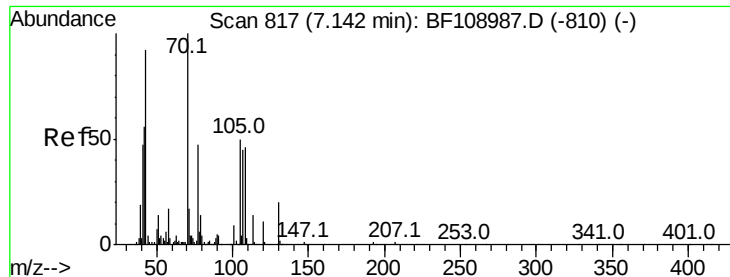


#18
Hexachloroethane
Concen: 41.230 ng
RT: 7.24 min Scan# 833
Delta R.T. -0.00 min
Lab File: BF109034.D
Acq: 15 Sep 2018 9:34

Tgt Ion:	117	Resp:	169123
Ion Ratio	Lower	Upper	
117	100		
119	95.2	75.8	113.8
201	96.2	75.7	113.5

Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





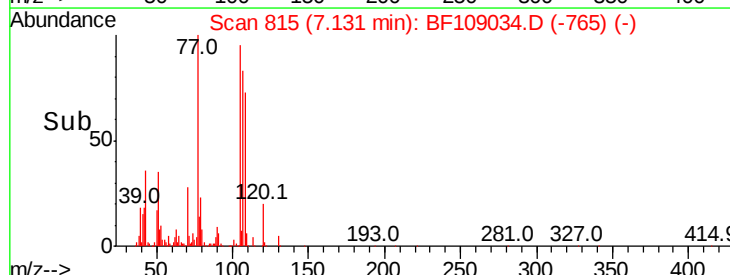
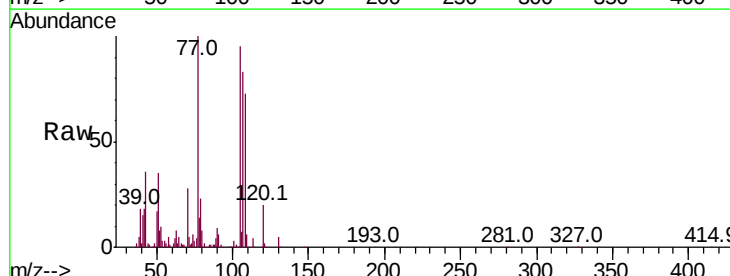
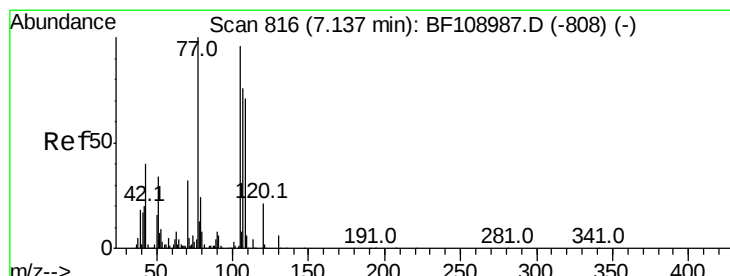
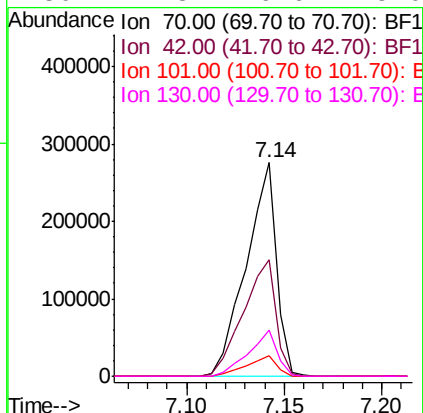
#19
n-Nitroso-di-n-propylamine
Concen: 39.646 ng
RT: 7.14 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF109034.D
Acq: 15 Sep 2018 9:34

Instrument :
BNA_F
ClientSampleId :
PB112873BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.4	47.5	71.3	
101	9.8	7.4	11.2	
130	21.3	16.6	25.0	

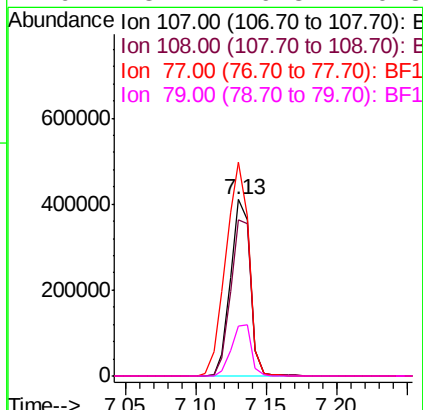
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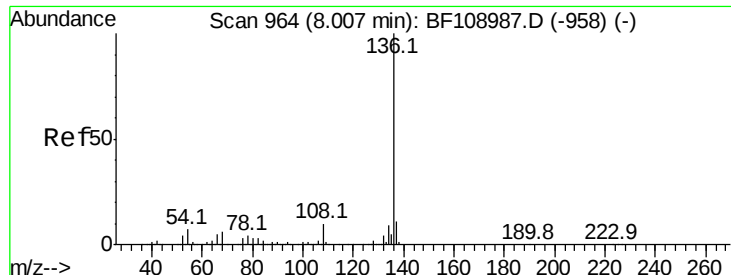
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#20
3+4-Methylphenols
Concen: 41.439 ng
RT: 7.13 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF109034.D
Acq: 15 Sep 2018 9:34

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.6	68.2	108.2	
77	120.9	26.7	66.7#	
79	28.4	6.3	46.3	





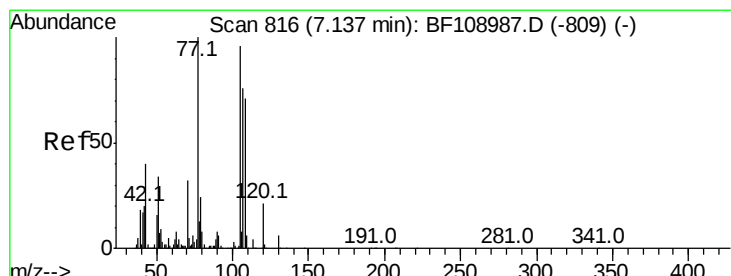
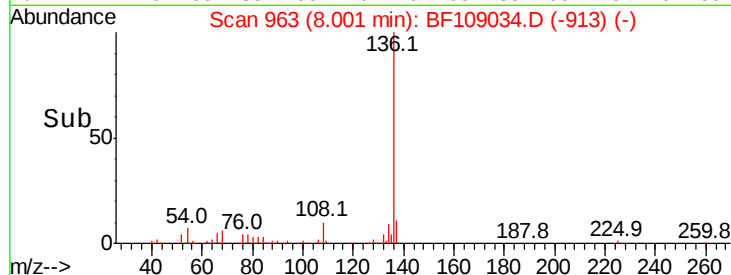
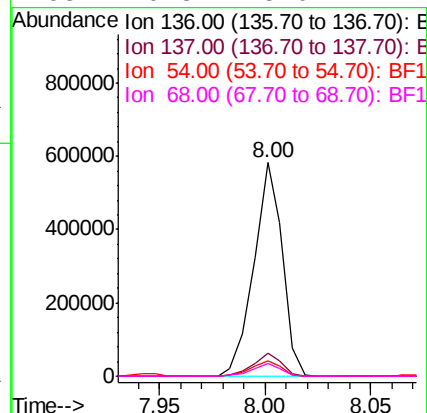
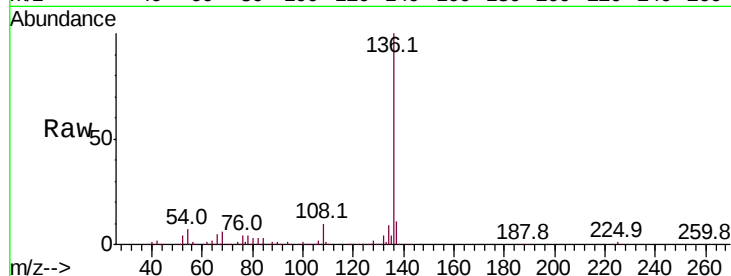
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109034.D
Acq: 15 Sep 2018 9:34

Instrument :
BNA_F
ClientSampleId :
PB112873BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.5	6.6	9.8
68	6.3	5.0	7.4

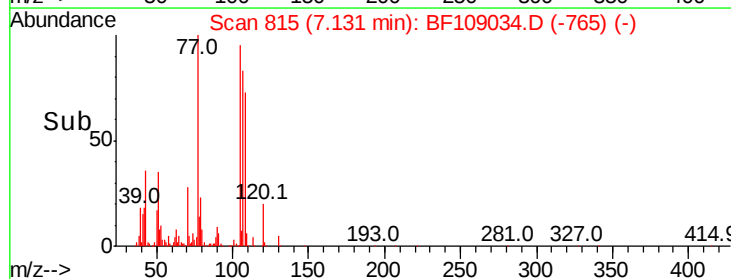
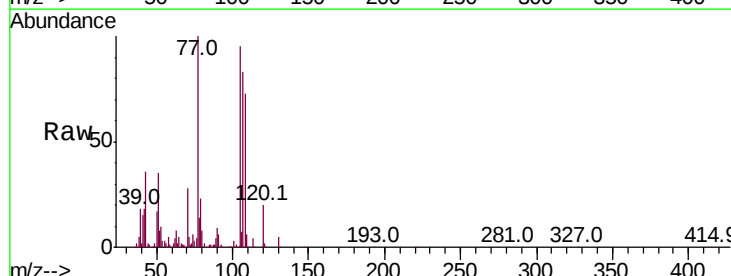
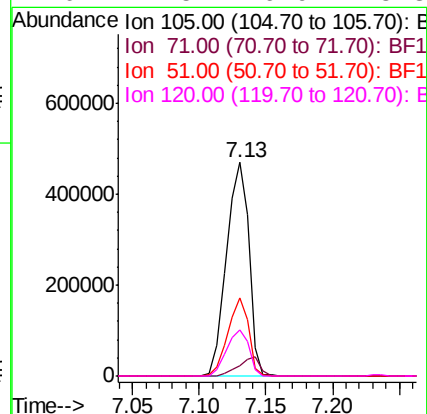
Manual Integrations
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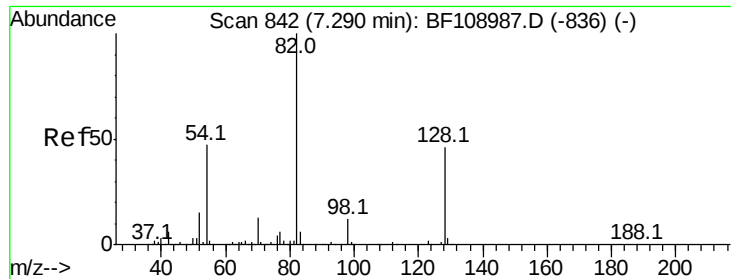
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#22
Acetophenone
Concen: 45.163 ng
RT: 7.13 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF109034.D
Acq: 15 Sep 2018 9:34

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	4.9	4.4	6.6
51	36.7	22.3	33.5
120	21.5	16.9	25.3





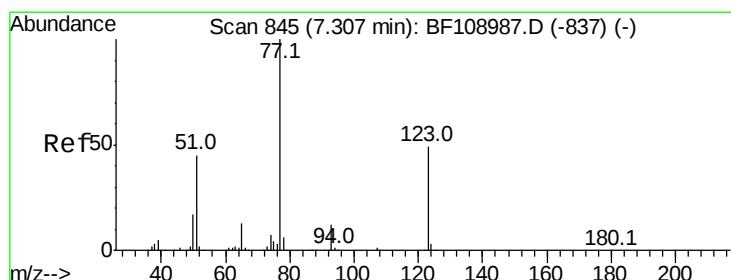
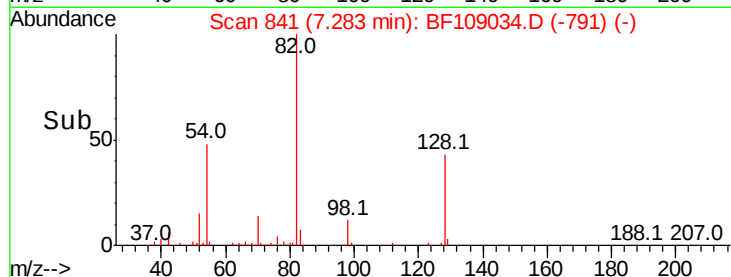
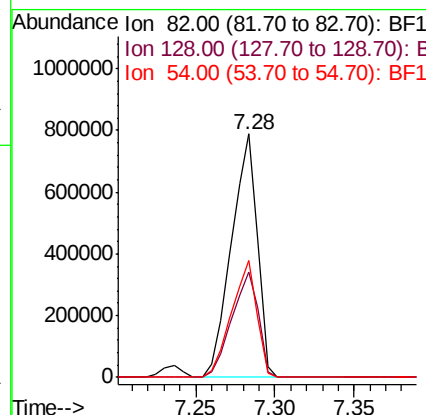
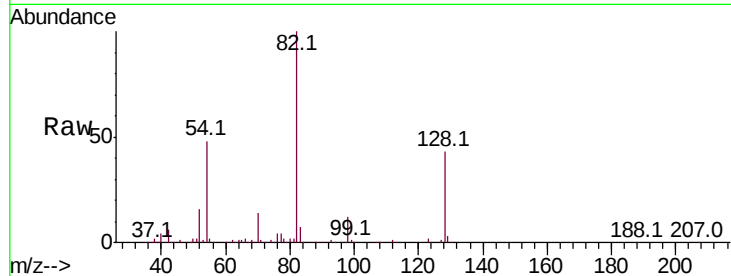
#23
Nitrobenzene-d5
Concen: 91.710 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF109034.D
Acq: 15 Sep 2018 9:34

Instrument :
BNA_F
ClientSampled :
PB112873BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.2	36.1	54.1	
54	47.9	41.4	62.2	

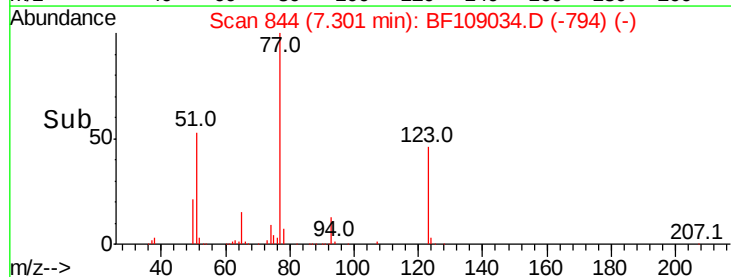
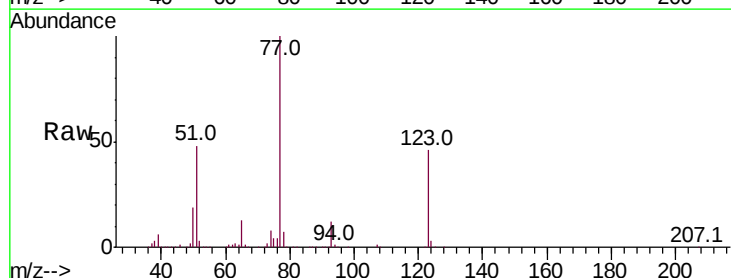
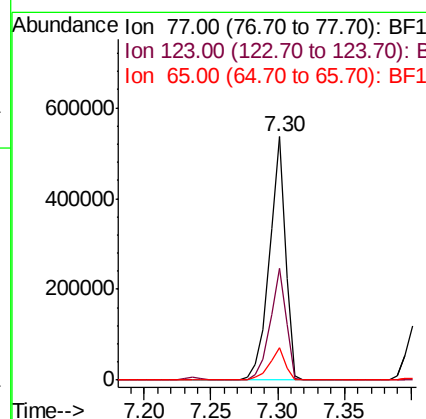
Manual Integrations
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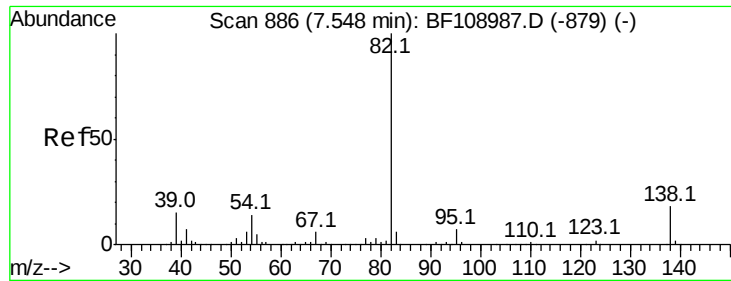
Sohil
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#24
Nitrobenzene
Concen: 44.293 ng
RT: 7.30 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF109034.D
Acq: 15 Sep 2018 9:34

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	46.1	37.9	56.9	
65	13.2	11.0	16.4	





#25

Isophorone

Concen: 49.351 ng

RT: 7.54 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF109034.D

Acq: 15 Sep 2018 9:34

Instrument :

BNA_F

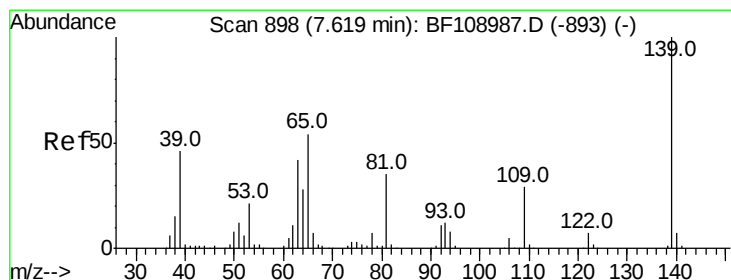
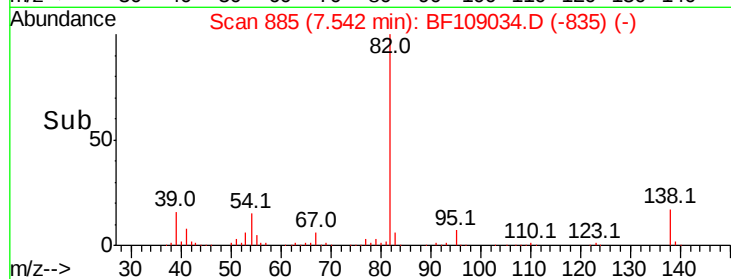
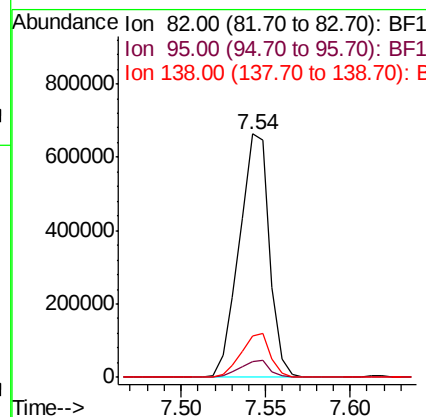
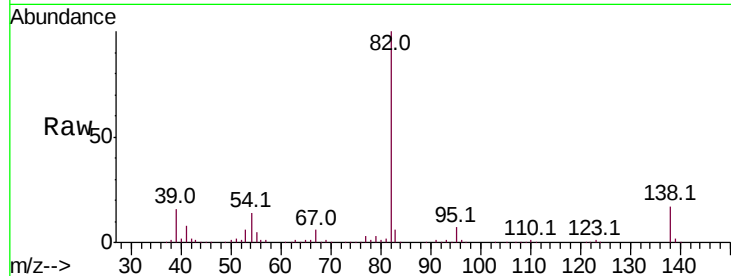
ClientSampleId :

PB112873BS

Tot Ion:	82	Resp:	826065
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.2	7.8
138	17.1	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.332 ng

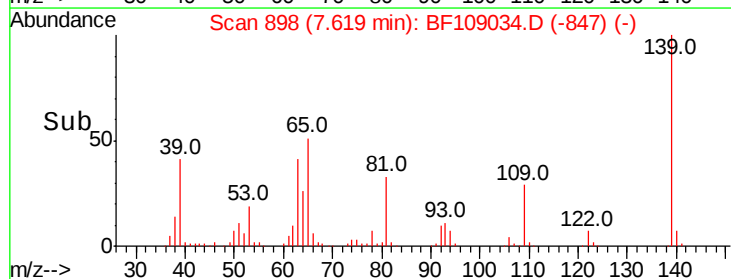
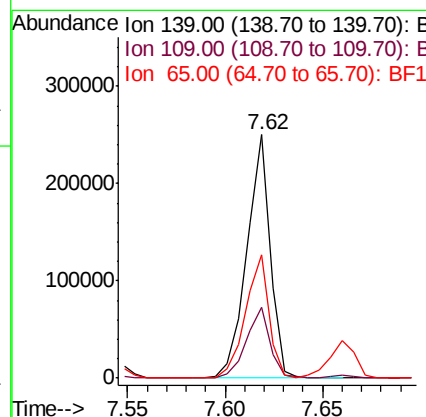
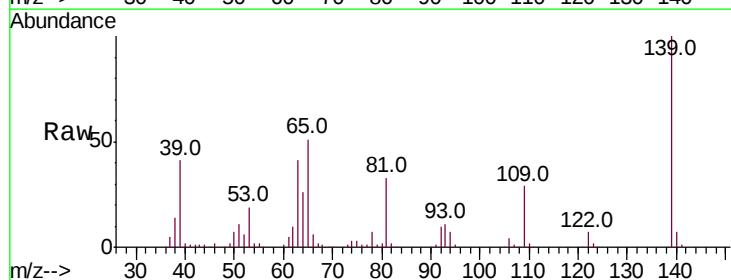
RT: 7.62 min Scan# 898

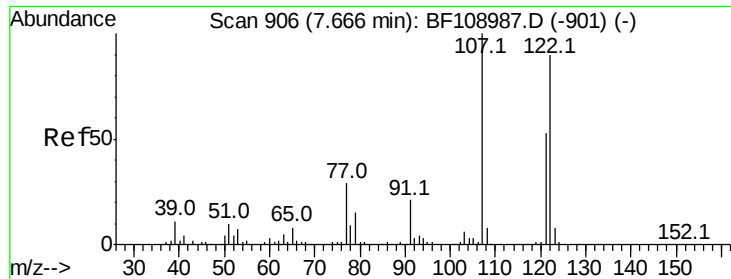
Delta R.T. -0.00 min

Lab File: BF109034.D

Acq: 15 Sep 2018 9:34

Tgt Ion:	139	Resp:	207825
Ion Ratio	Lower	Upper	
139	100		
109	29.3	22.7	34.1
65	50.5	40.5	60.7





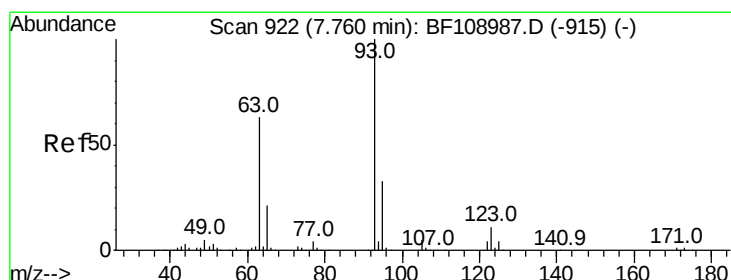
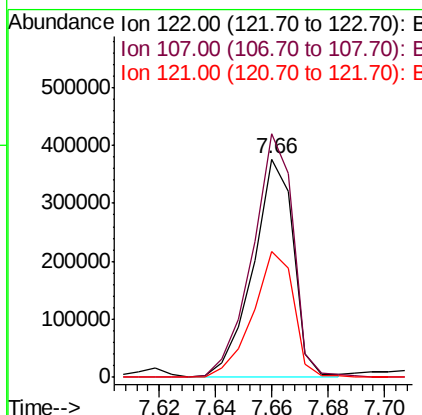
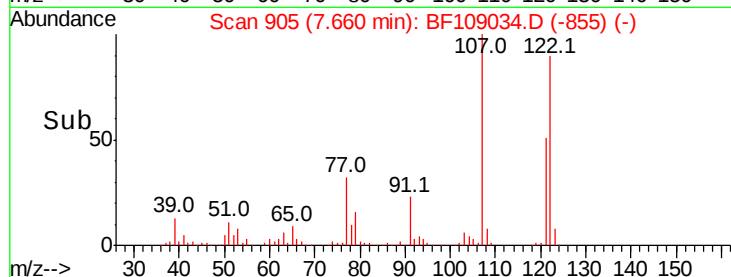
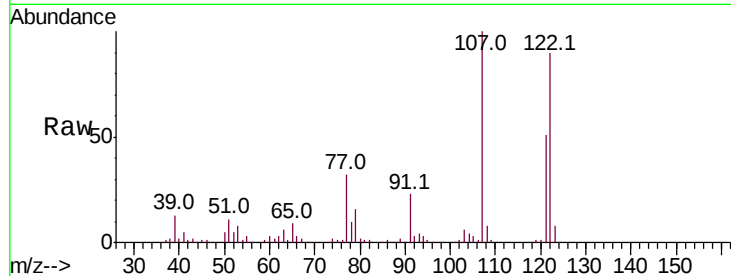
#27
2,4-Dimethylphenol
Concen: 51.083 ng
RT: 7.66 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF109034.D
Acq: 15 Sep 2018 9:34

Instrument :
BNA_F
ClientSampleId :
PB112873BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.7	91.2	136.8
121	57.5	47.2	70.8

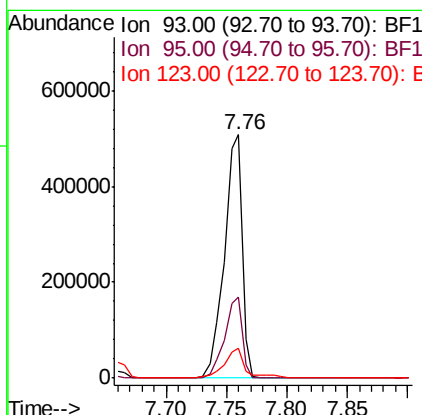
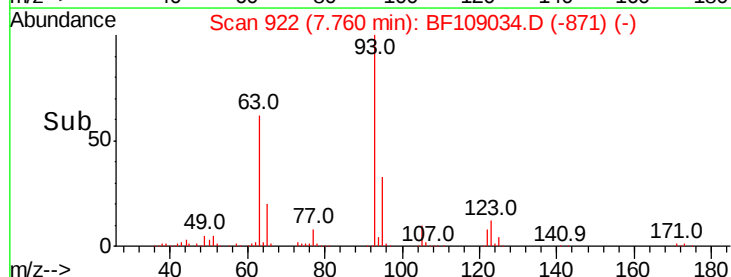
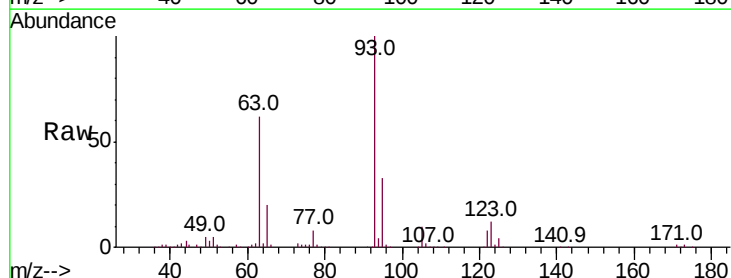
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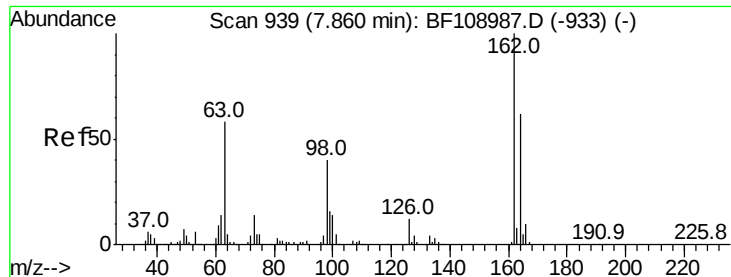
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#28
bis(2-Chloroethoxy)methane
Concen: 46.038 ng
RT: 7.76 min Scan# 922
Delta R.T. -0.00 min
Lab File: BF109034.D
Acq: 15 Sep 2018 9:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.3	39.5
123	12.2	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 44.549 ng

RT: 7.86 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF109034.D

Acq: 15 Sep 2018 9:34

Instrument :

BNA_F

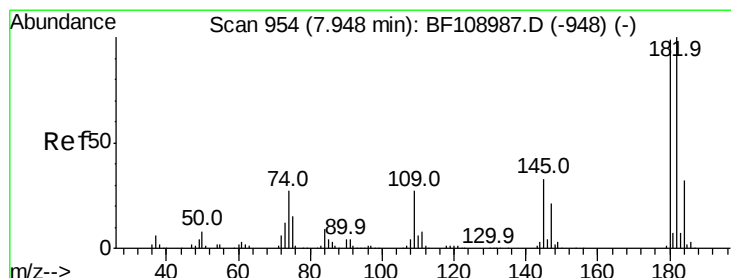
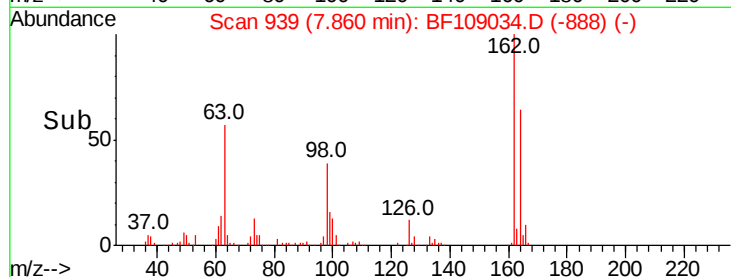
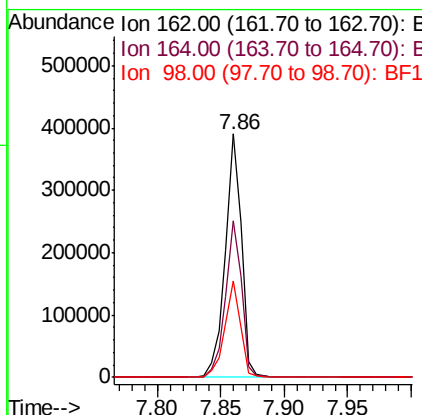
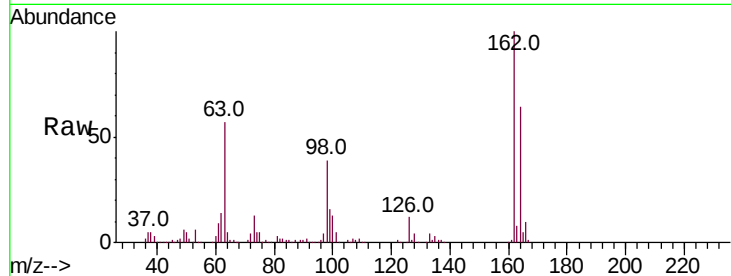
ClientSampled :

PB112873BS

Tot Ion:	162	Resp:	349100
Ion Ratio	Lower	Upper	
162	100		
164	64.5	42.7	82.7
98	39.5	18.1	58.1

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#30

1,2,4-Trichlorobenzene

Concen: 43.094 ng

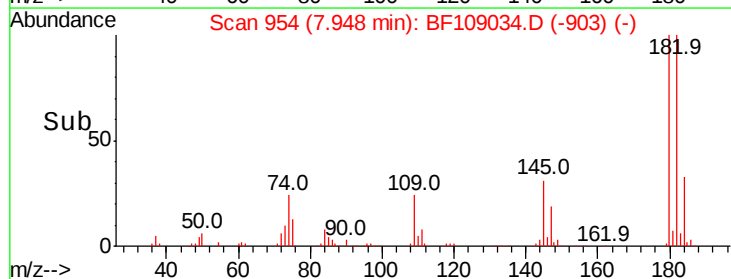
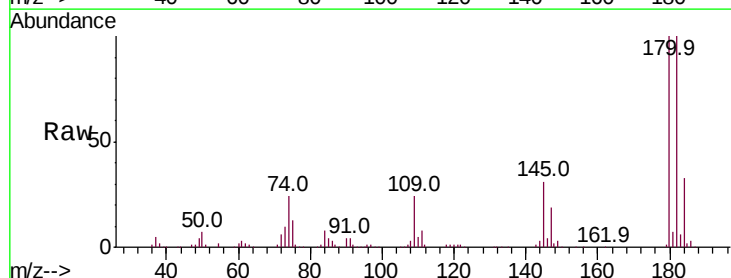
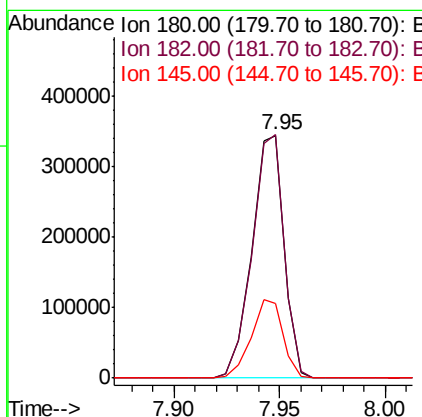
RT: 7.95 min Scan# 954

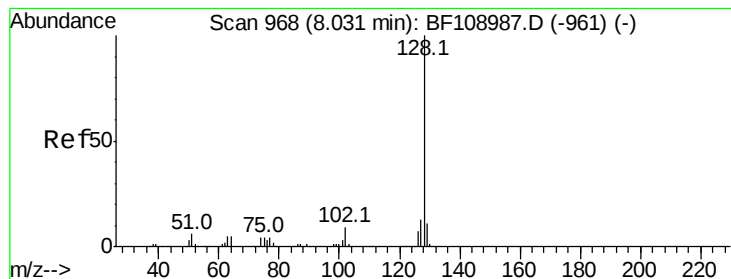
Delta R.T. -0.00 min

Lab File: BF109034.D

Acq: 15 Sep 2018 9:34

Tgt Ion:	180	Resp:	365041
Ion Ratio	Lower	Upper	
180	100		
182	100.2	76.8	115.2
145	30.7	26.5	39.7





#31

Naphthalene

Concen: 46.616 ng

RT: 8.02 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF109034.D

Acq: 15 Sep 2018 9:34

Instrument :

BNA_F

ClientSampleId :

PB112873BS

Tot Ion:128 Resp: 1181703

Ion Ratio Lower Upper

128 100

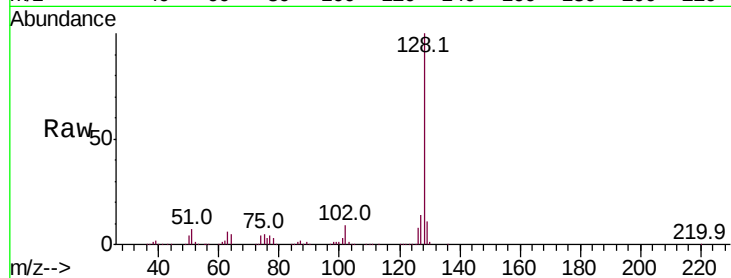
129 11.2 8.8 13.2

127 13.6 10.9 16.3

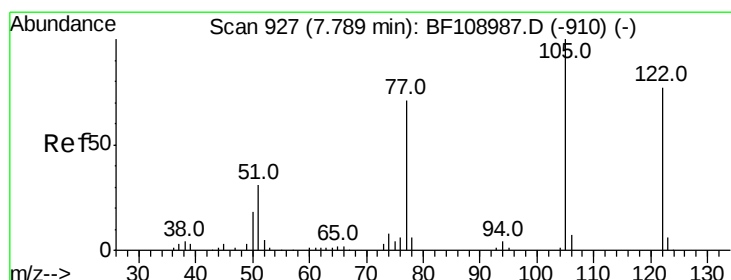
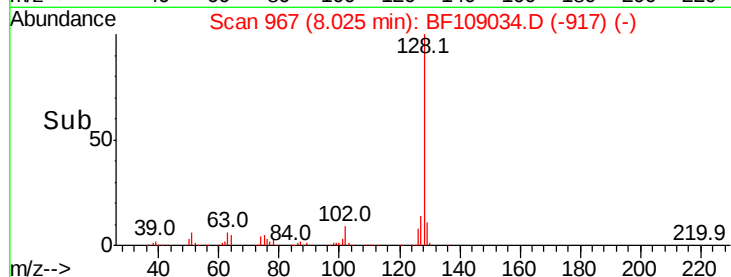
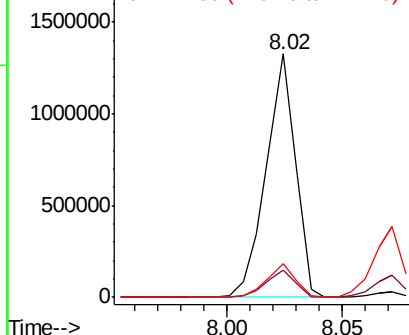
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 49.862 ng

RT: 7.79 min Scan# 927

Delta R.T. 0.00 min

Lab File: BF109034.D

Acq: 15 Sep 2018 9:34

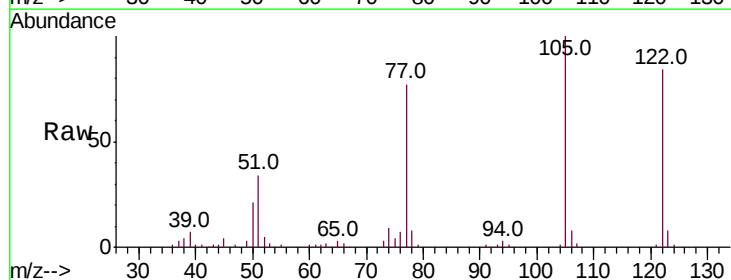
Tgt Ion:122 Resp: 239585

Ion Ratio Lower Upper

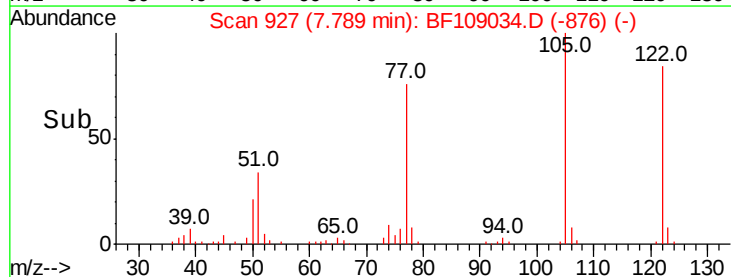
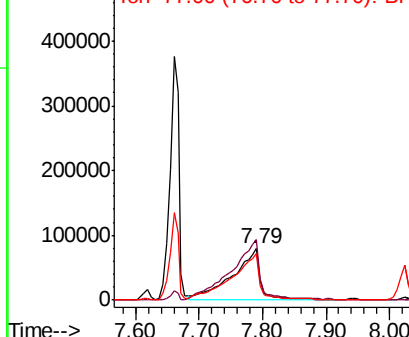
122 100

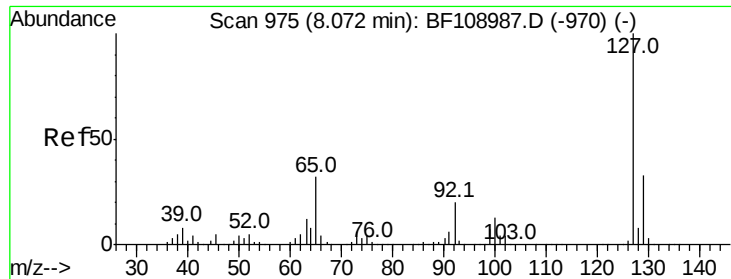
105 118.4 101.1 141.1

77 90.9 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





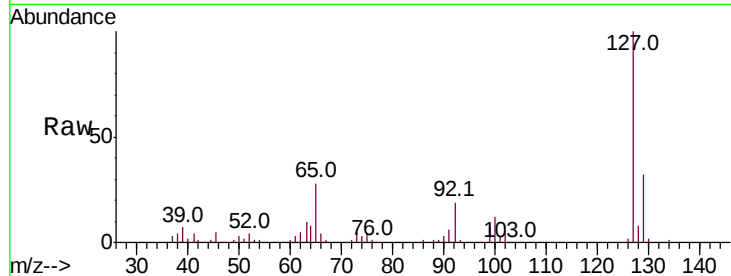
#33
4-Chloroaniline
Concen: 29.862 ng
RT: 8.07 min Scan# 975
Delta R.T. -0.00 min
Lab File: BF109034.D
Acq: 15 Sep 2018 9:34

Instrument :
BNA_F
ClientSampleId :
PB112873BS

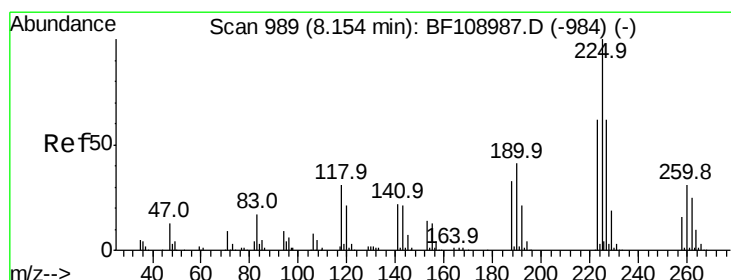
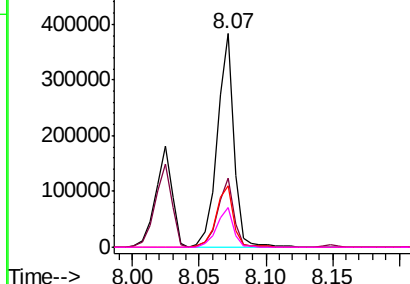
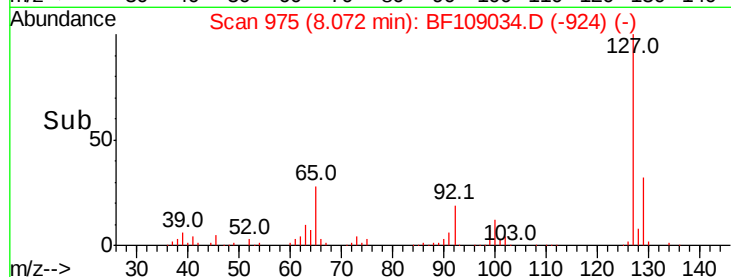
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.3	25.9	38.9	
65	28.5	25.0	37.4	
92	18.6	15.2	22.8	

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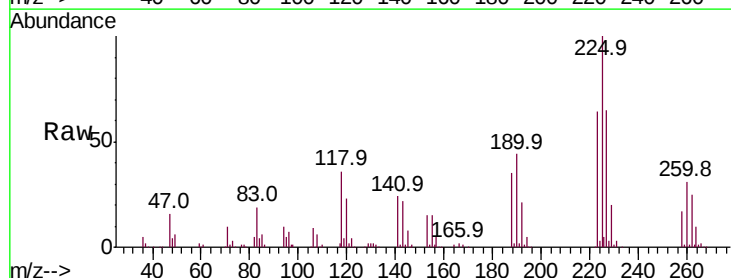


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

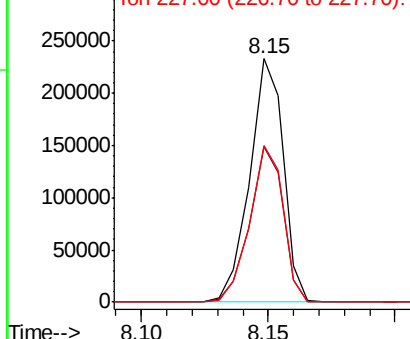
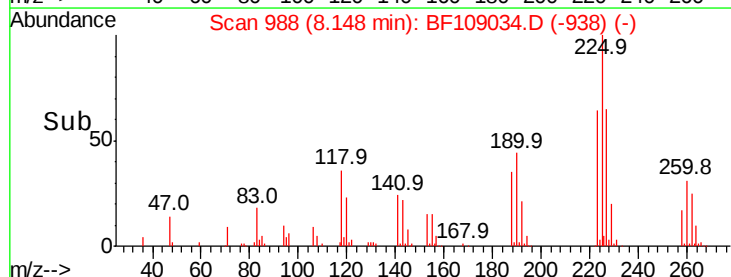


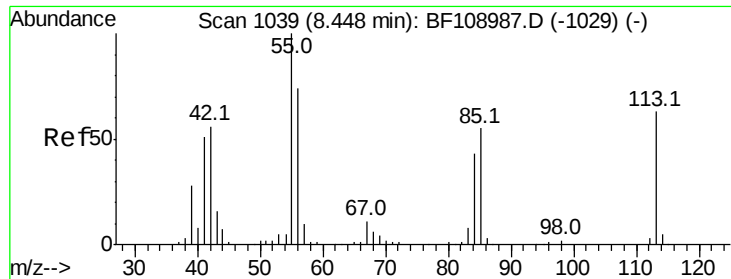
#34
Hexachlorobutadiene
Concen: 41.804 ng
RT: 8.15 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF109034.D
Acq: 15 Sep 2018 9:34

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.0	50.6	76.0	
227	64.5	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





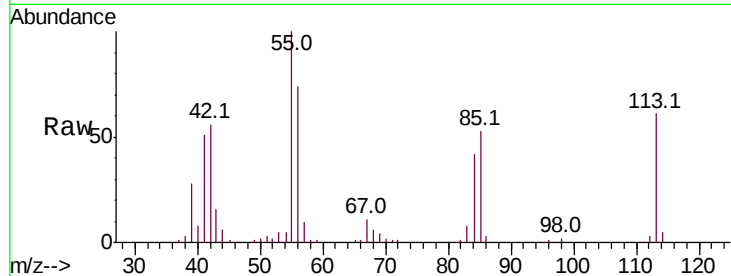
#35
Caprolactam
Concen: 44.782 ng/ml
RT: 8.44 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF109034.D
Acq: 15 Sep 2018 9:34

Instrument :
BNA_F
ClientSampleId :
PB112873BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	164.9	163.3	203.3		
56	122.5	115.7	155.7		

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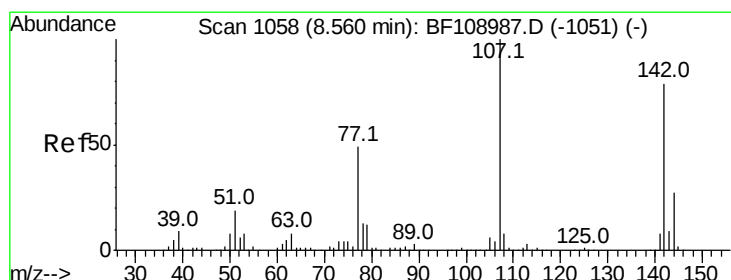
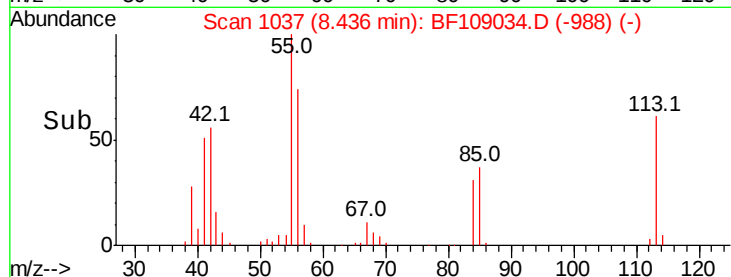
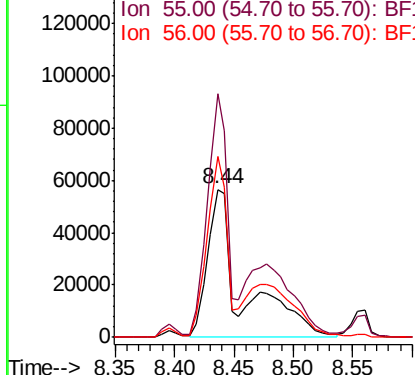


Abundance

Ion 113.00 (112.70 to 113.70): E

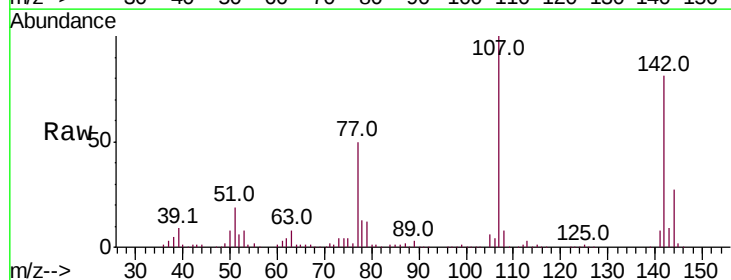
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
4-Chloro-3-methylphenol
Concen: 44.100 ng/ml
RT: 8.56 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BF109034.D
Acq: 15 Sep 2018 9:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	26.8	20.5	30.7		
142	80.8	62.0	93.0		

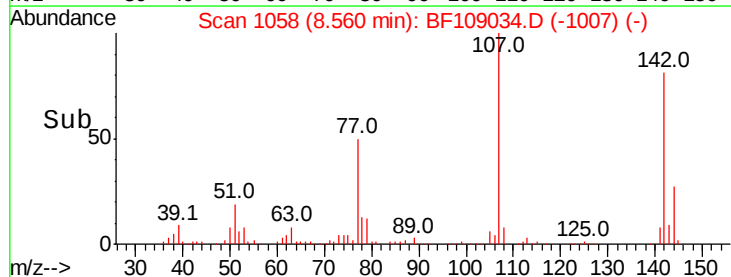
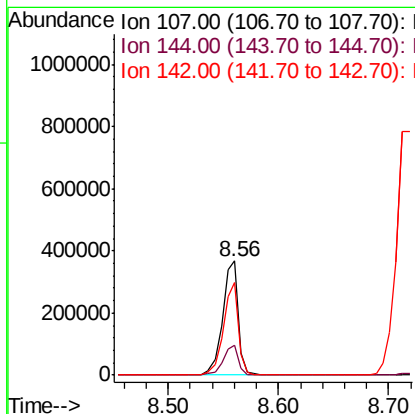


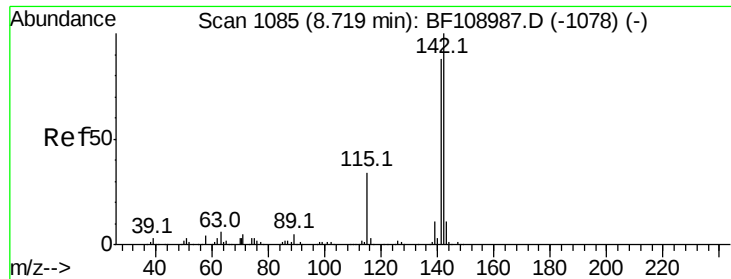
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





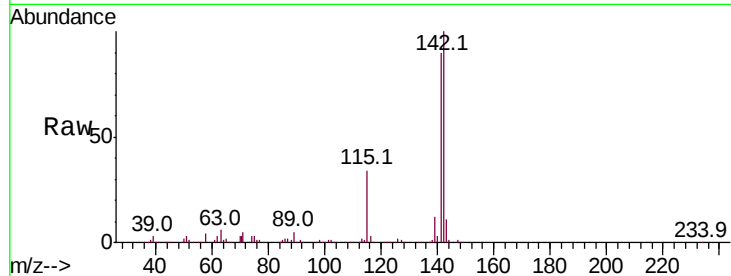
#37
 2-Methylnaphthalene
 Concen: 48.216 ng
 RT: 8.72 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: BF109034.D
 Acq: 15 Sep 2018 9:34

Instrument :
 BNA_F
 ClientSampled :
 PB112873BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.8	106.2
115	34.0	26.1	39.1

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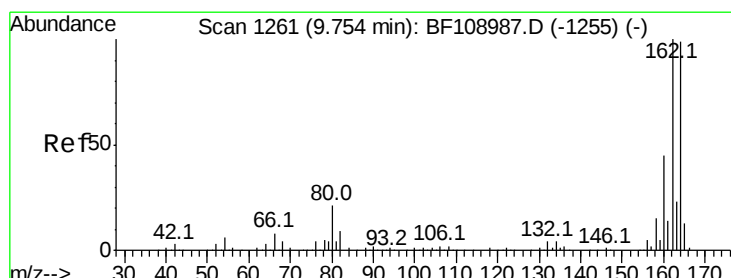
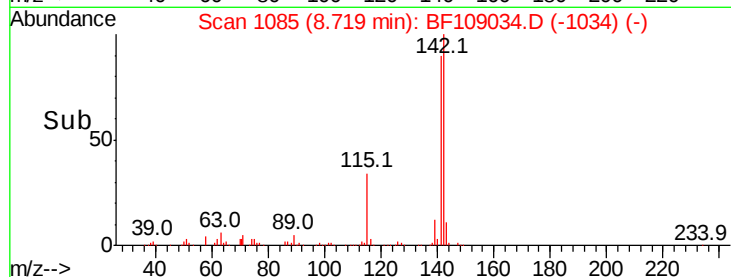
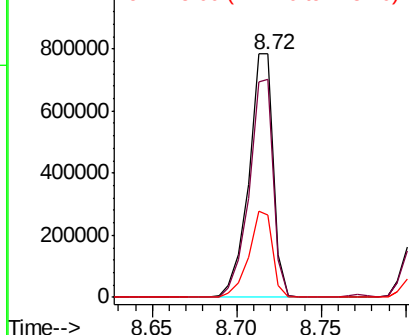


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BF109034.D
 Acq: 15 Sep 2018 9:34

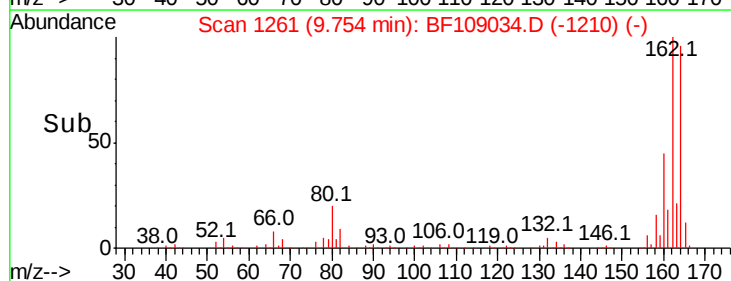
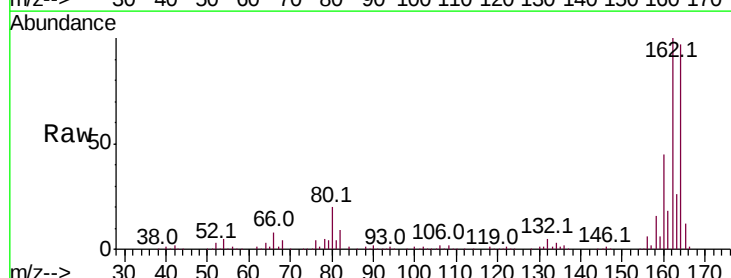
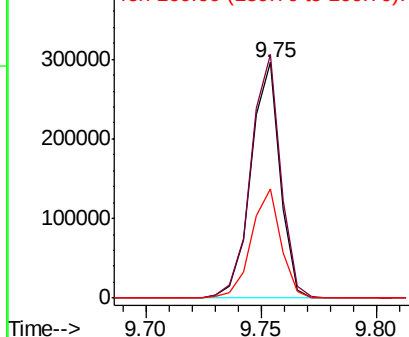
Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	86.1	129.1
160	46.5	38.3	57.5

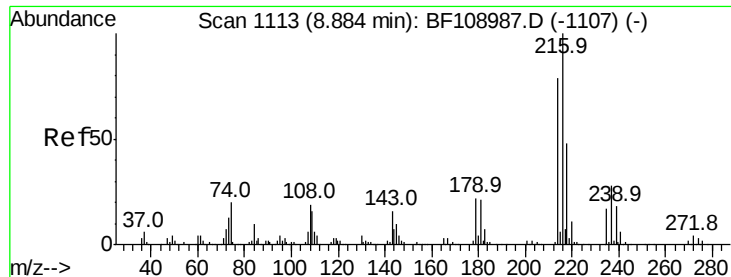
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





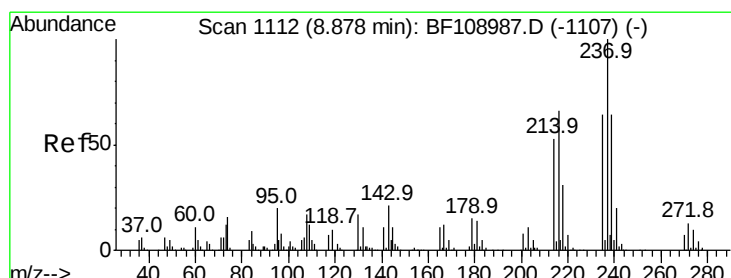
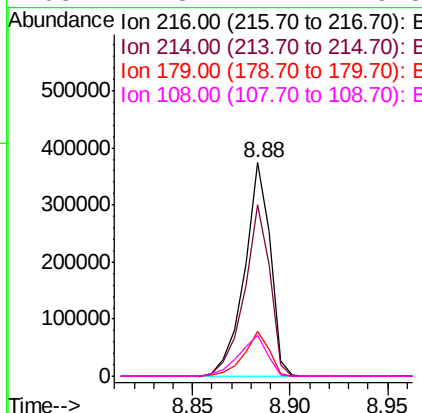
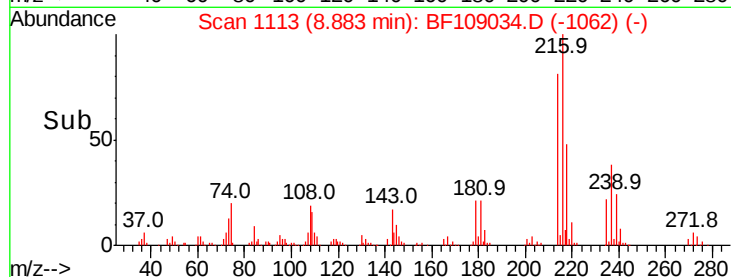
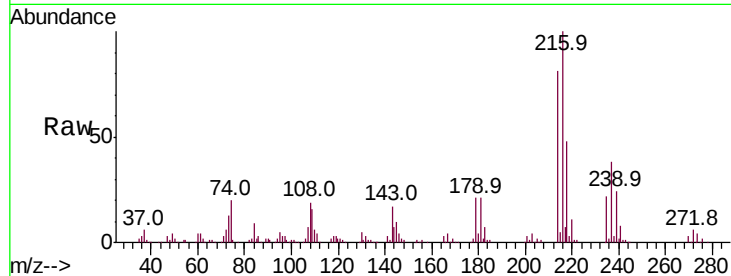
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.438 ng
 RT: 8.88 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: BF109034.D
 Acq: 15 Sep 2018 9:34

Instrument :
 BNA_F
 ClientSampleId :
 PB112873BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	80.2	63.0	94.4
179	20.5	18.1	27.1
108	21.3	17.2	25.8

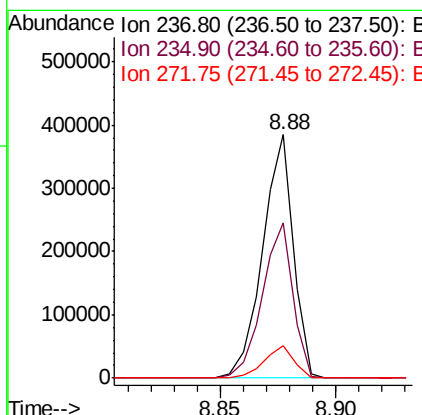
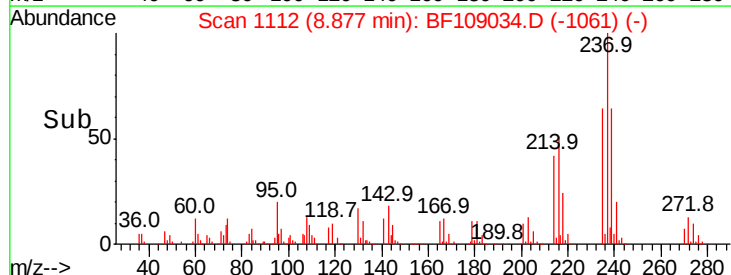
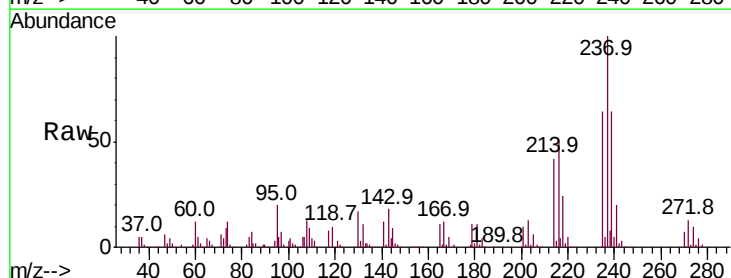
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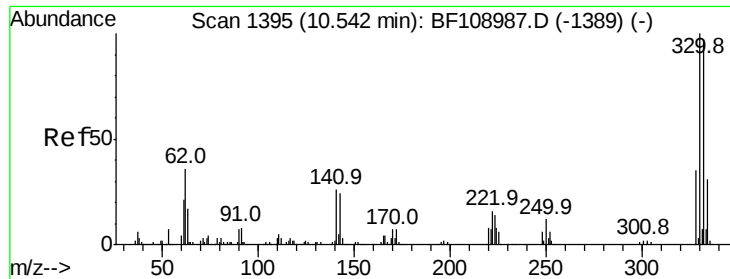
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#40
 Hexachlorocyclopentadiene
 Concen: 85.584 ng
 RT: 8.88 min Scan# 1112
 Delta R.T. -0.00 min
 Lab File: BF109034.D
 Acq: 15 Sep 2018 9:34

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





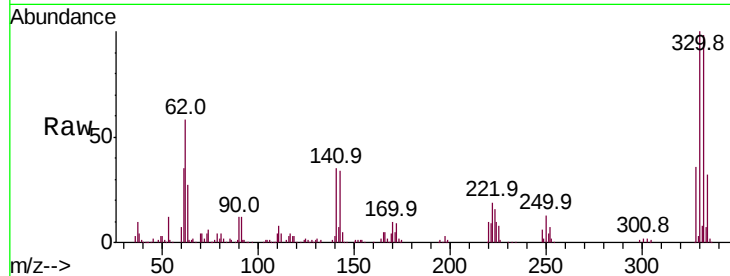
#41
 2,4,6-Tribromophenol
 Concen: 88.328 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109034.D
 Acq: 15 Sep 2018 9:34

Instrument :
 BNA_F
 ClientSampleId :
 PB112873BS

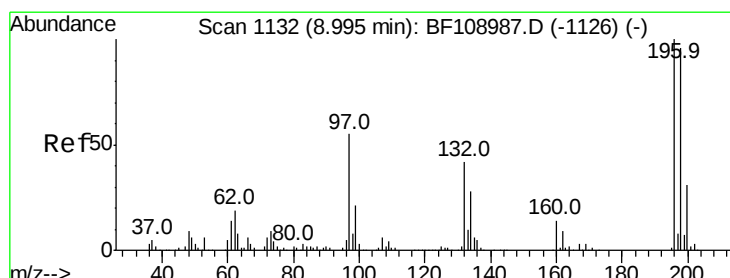
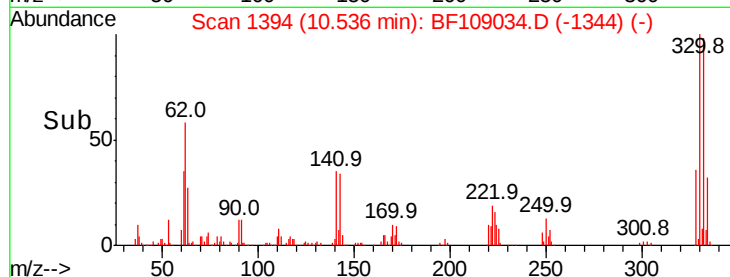
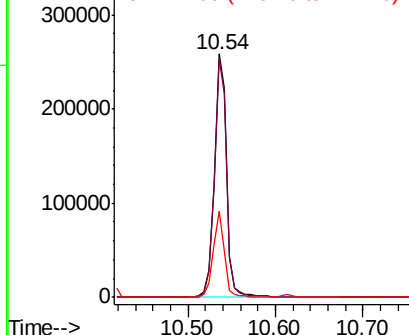
Tot Ion	Ratio	Resp	Lower	Upper
330	100	250900		
332	97.7	77.0	115.6	
141	32.7	29.9	44.9	

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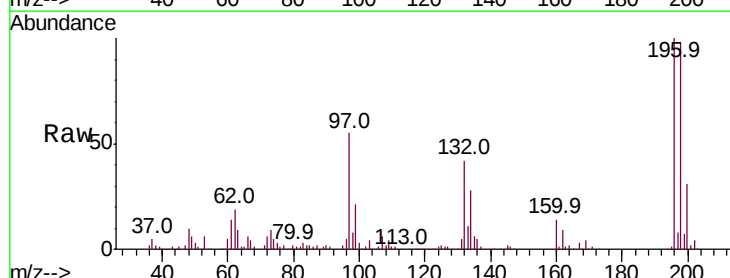


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

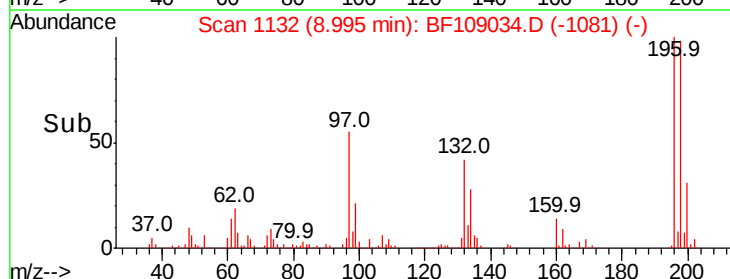
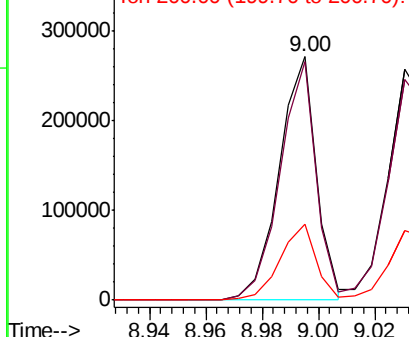


#42
 2,4,6-Trichlorophenol
 Concen: 44.644 ng
 RT: 9.00 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: BF109034.D
 Acq: 15 Sep 2018 9:34

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	247197		
198	97.8	75.7	113.5	
200	31.1	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





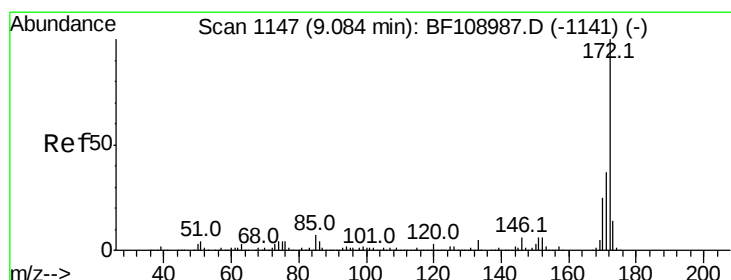
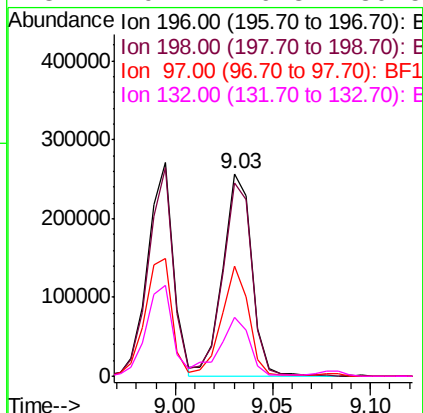
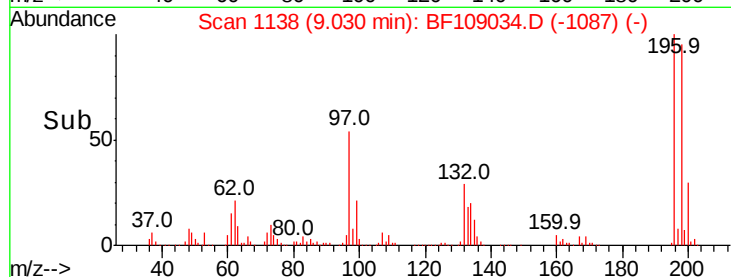
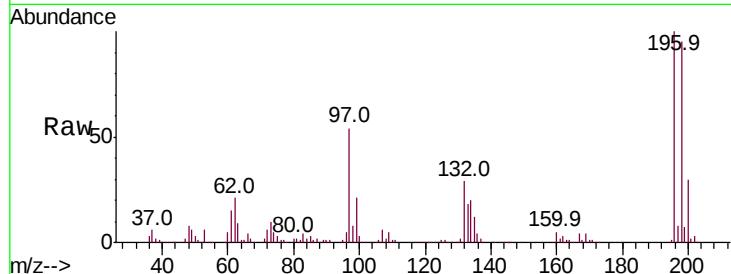
#43
 2,4,5-Trichlorophenol
 Concen: 45.444 ng
 RT: 9.03 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: BF109034.D
 Acq: 15 Sep 2018 9:34

Instrument :
 BNA_F
 ClientSampleId :
 PB112873BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	262957		
198	95.3	74.6	112.0	
97	54.0	42.9	64.3	
132	29.2	26.3	39.5	

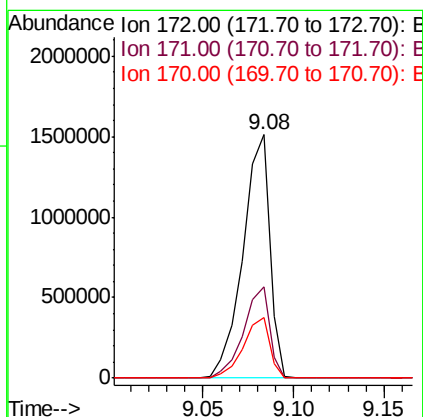
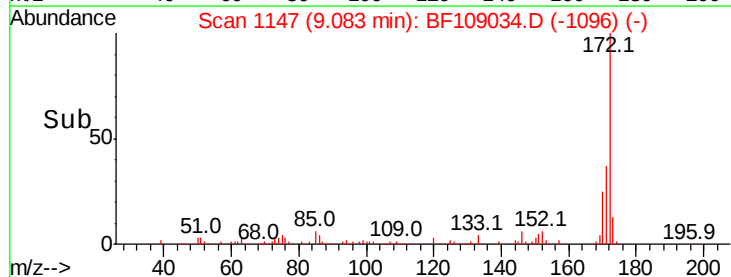
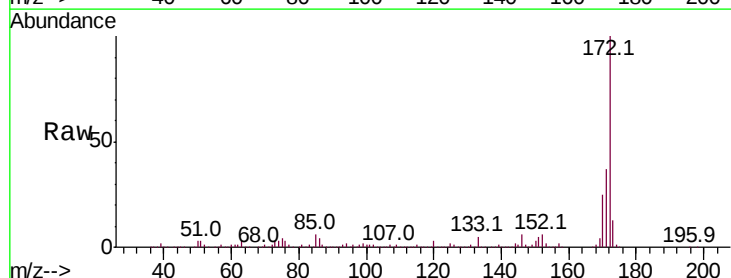
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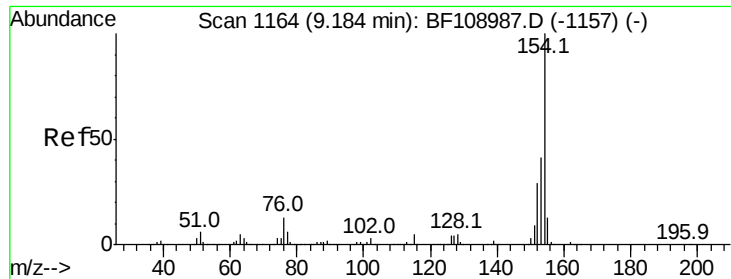
Sohil
 9/17/2018 1:59:44 PM



#44
 2-Fluorobiphenyl
 Concen: 93.333 ng
 RT: 9.08 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BF109034.D
 Acq: 15 Sep 2018 9:34

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1559215		
171	37.3	29.7	44.5	
170	24.8	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 44.008 ng

RT: 9.18 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF109034.D

Acq: 15 Sep 2018 9:34

Instrument :

BNA_F

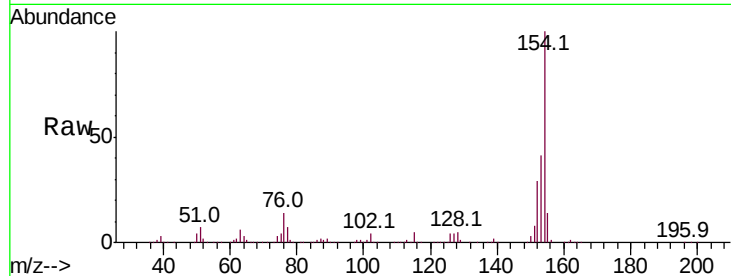
ClientSampled :

PB112873BS

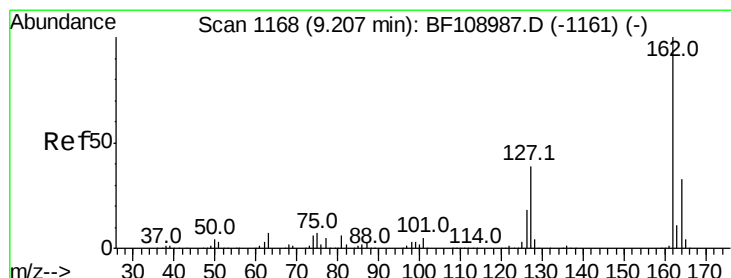
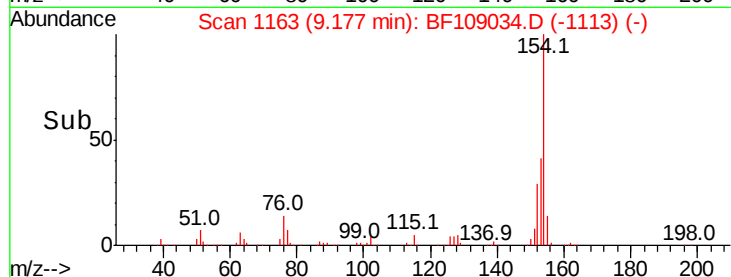
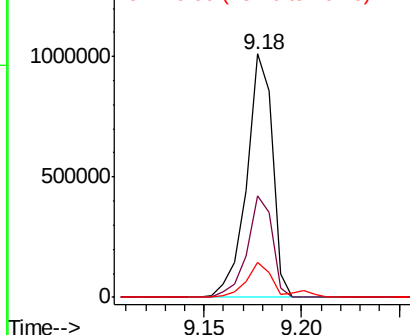
Tot Ion:	154	Resp:	921532
Ion Ratio	Lower	Upper	
154	100		
153	41.5	21.3	61.3
76	14.2	0.0	34.0

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



#46

2-Chloronaphthalene

Concen: 43.591 ng

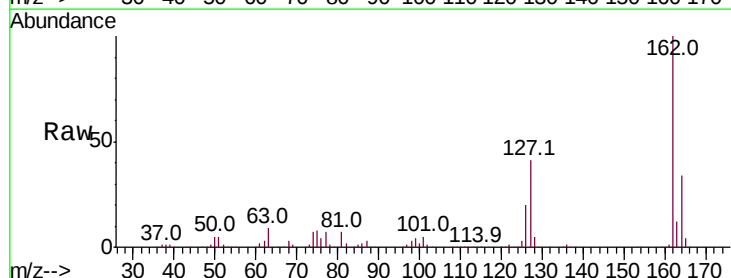
RT: 9.20 min Scan# 1167

Delta R.T. -0.01 min

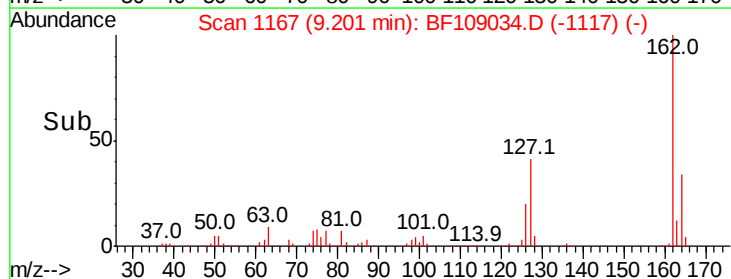
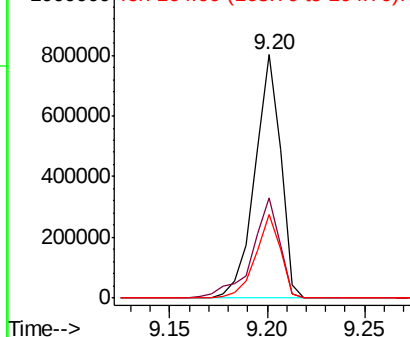
Lab File: BF109034.D

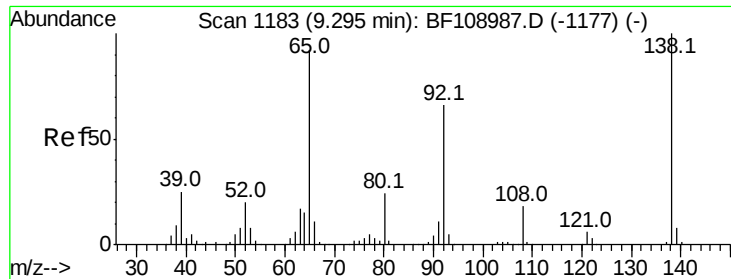
Acq: 15 Sep 2018 9:34

Tgt Ion:	162	Resp:	731025
Ion Ratio	Lower	Upper	
162	100		
127	41.1	33.9	50.9
164	34.4	26.5	39.7



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





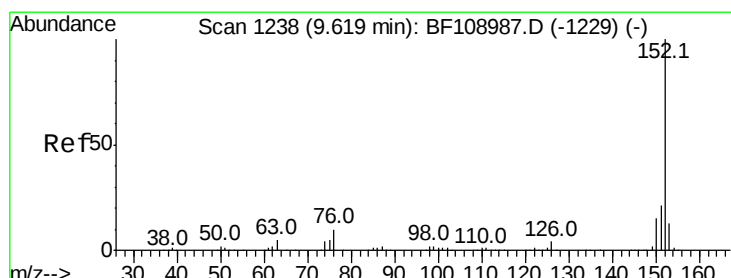
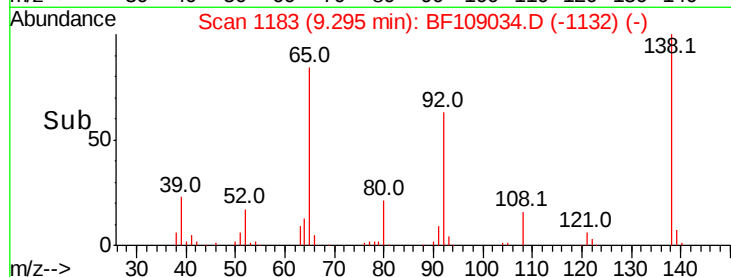
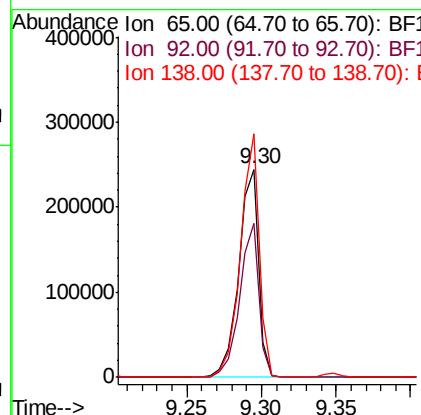
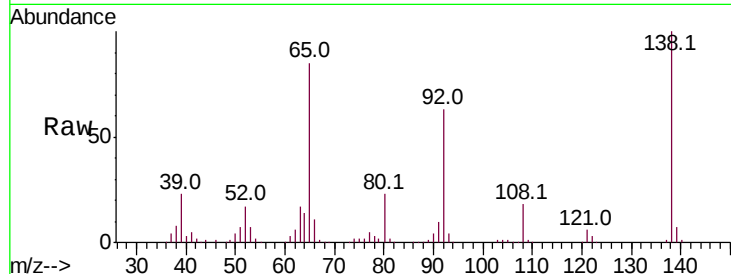
#47
 2-Nitroaniline
 Concen: 44.358 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF109034.D
 Acq: 15 Sep 2018 9:34

Instrument :
 BNA_F
 ClientSampleId :
 PB112873BS

Tot Ion:	65	Resp:	228691
Ion Ratio	Lower	Upper	
65	100		
92	73.9	55.8	83.6
138	117.1	91.2	136.8

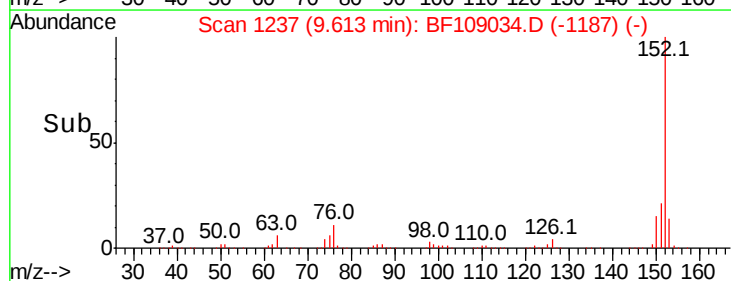
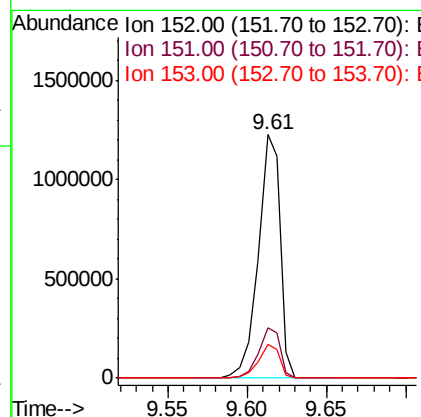
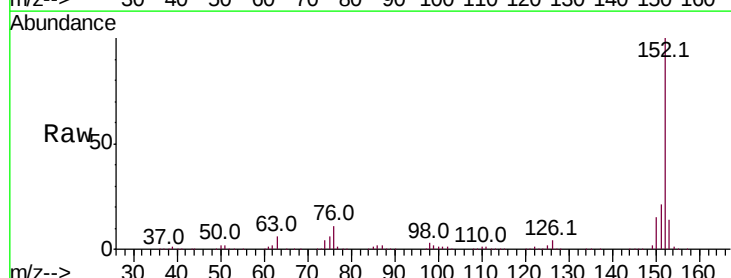
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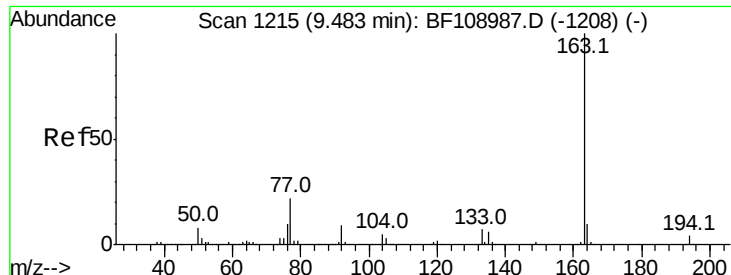
Sohil
 9/17/2018 1:59:44 PM



#48
 Acenaphthylene
 Concen: 46.374 ng
 RT: 9.61 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BF109034.D
 Acq: 15 Sep 2018 9:34

Tgt Ion:	152	Resp:	1172534
Ion Ratio	Lower	Upper	
152	100		
151	20.9	16.3	24.5
153	13.9	10.7	16.1





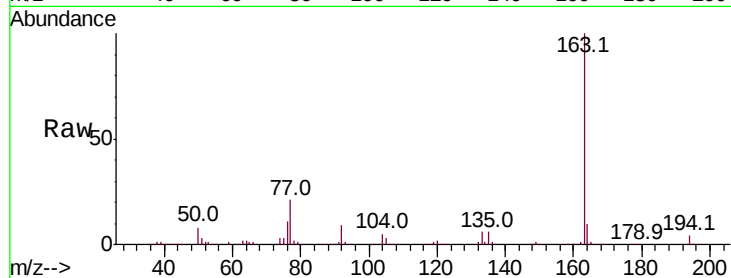
#49
Dimethylphthalate
Concen: 44.919 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.00 min
Lab File: BF109034.D
Acq: 15 Sep 2018 9:34

Instrument :
BNA_F
ClientSampled :
PB112873BS

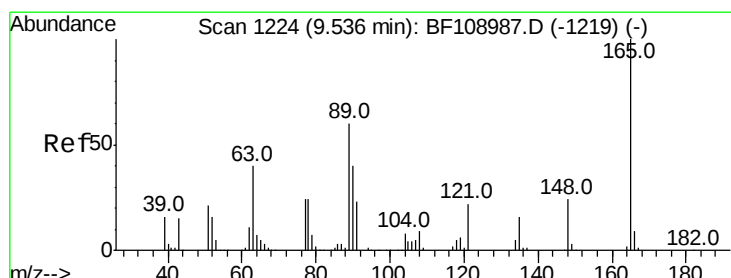
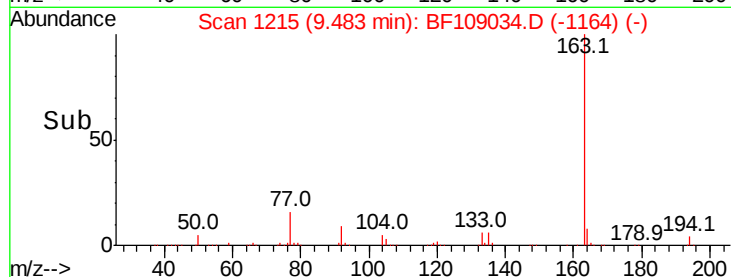
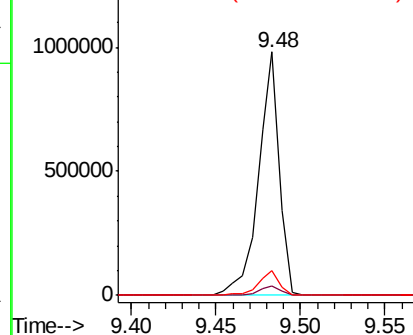
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.0	2.7	4.1	
164	10.2	8.2	12.2	

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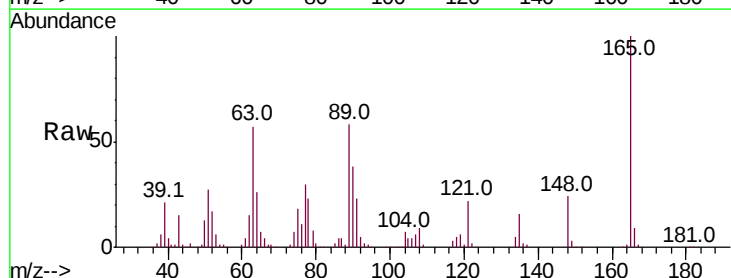


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

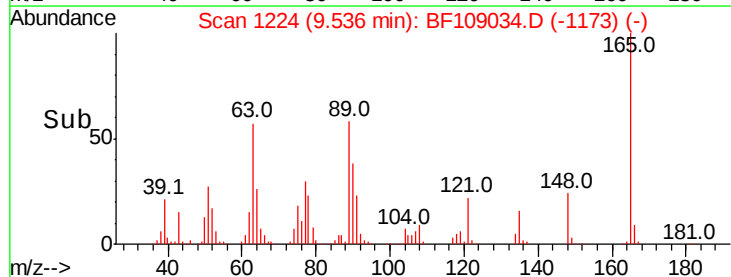
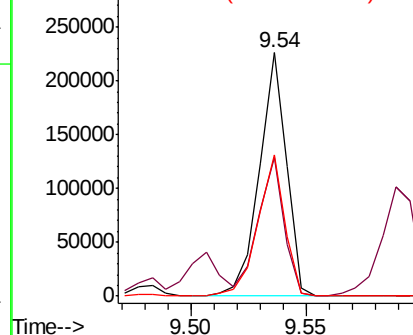


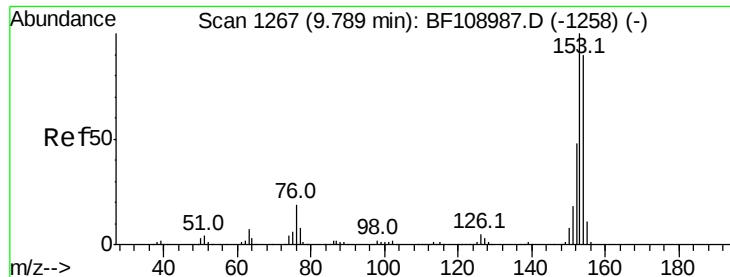
#50
2,6-Dinitrotoluene
Concen: 44.880 ng
RT: 9.54 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BF109034.D
Acq: 15 Sep 2018 9:34

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	57.2	44.7	67.1	
89	57.8	44.0	66.0	



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 47.480 ng

RT: 9.79 min Scan# 1267

Delta R.T. -0.00 min

Lab File: BF109034.D

Acq: 15 Sep 2018 9:34

Instrument :

BNA_F

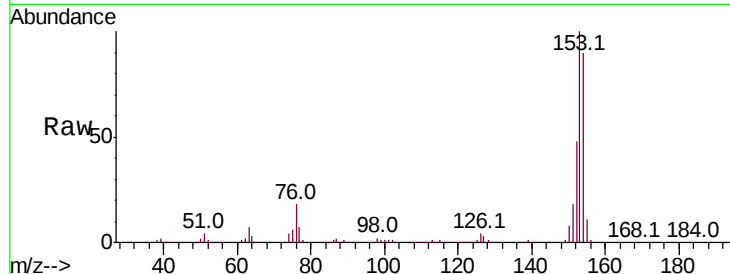
ClientSampleId :

PB112873BS

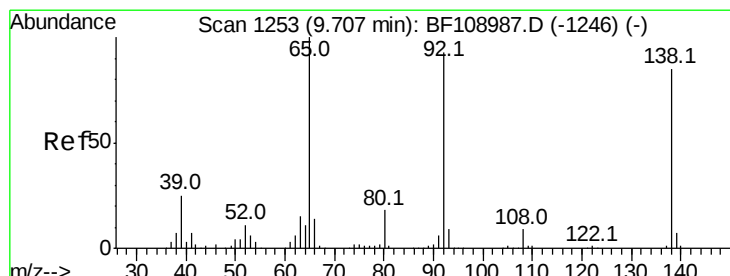
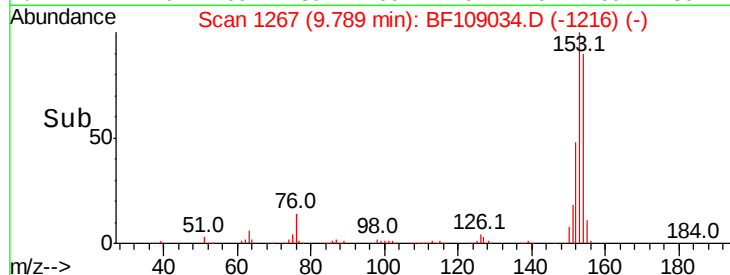
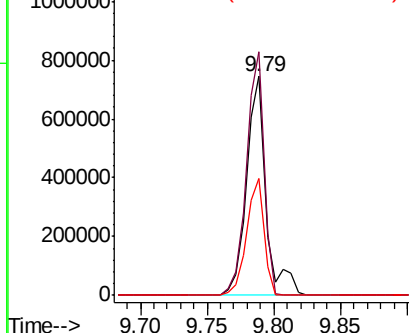
Tot Ion:	154	Resp:	747538
Ion Ratio	Lower	Upper	
154	100		
153	111.2	91.2	136.8
152	53.6	43.8	65.8

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



#52

3-Nitroaniline

Concen: 30.991 ng

RT: 9.70 min Scan# 1252

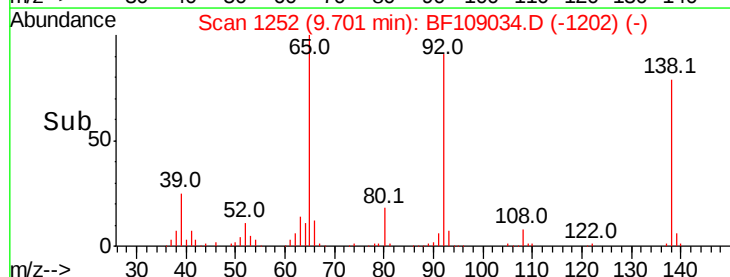
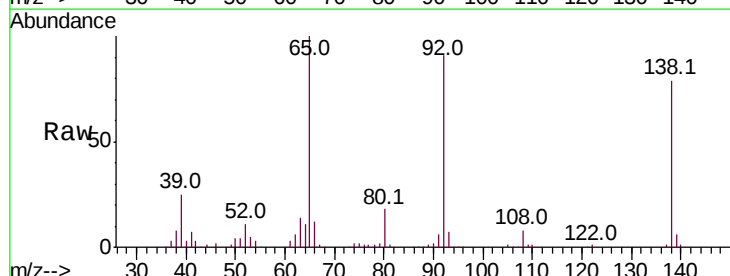
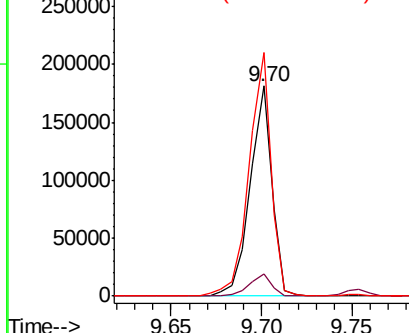
Delta R.T. -0.01 min

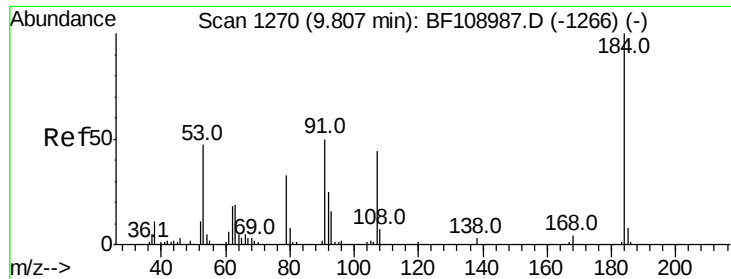
Lab File: BF109034.D

Acq: 15 Sep 2018 9:34

Tgt Ion:	138	Resp:	151397
Ion Ratio	Lower	Upper	
138	100		
108	10.3	9.4	14.0
92	116.1	89.4	134.2

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





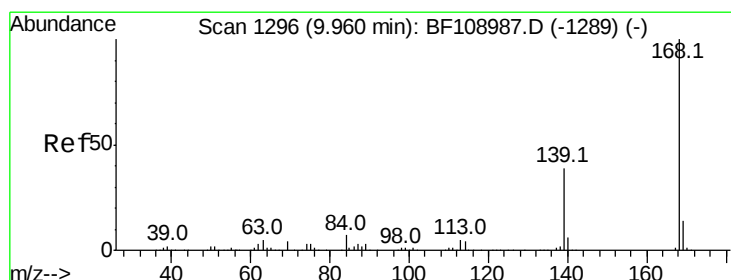
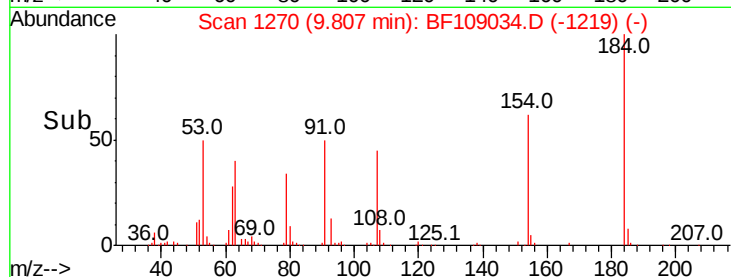
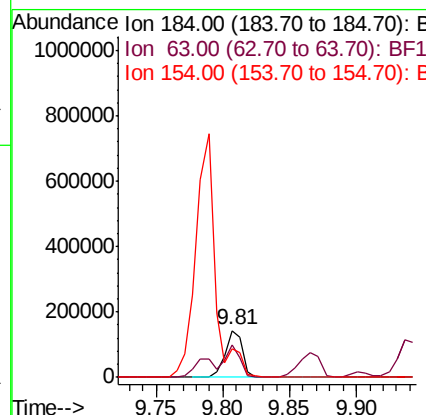
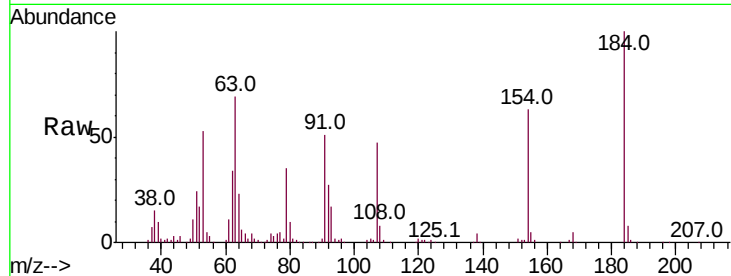
#53
2,4-Dinitrophenol
Concen: 82.638 ng
RT: 9.81 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BF109034.D
Acq: 15 Sep 2018 9:34

Instrument :
BNA_F
ClientSampled :
PB112873BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	69.0	54.2	81.2	
154	62.5	184.0	276.0	

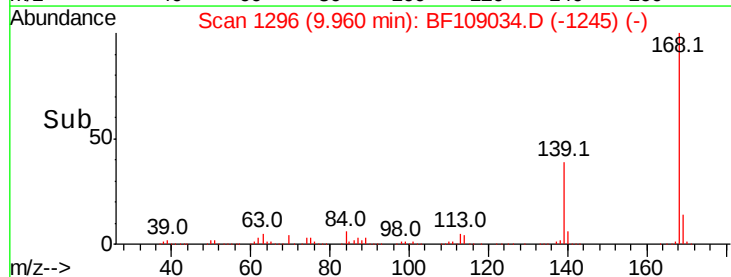
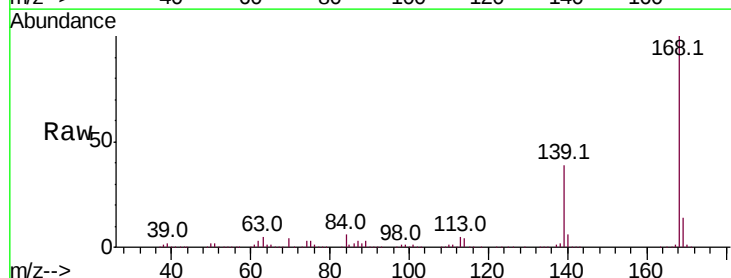
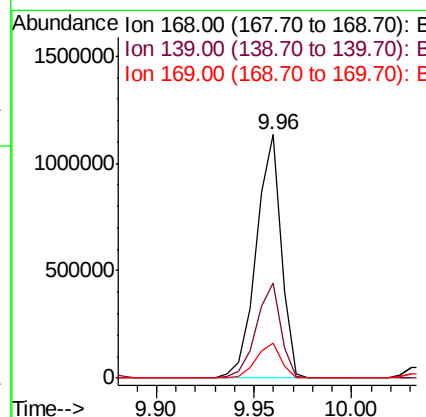
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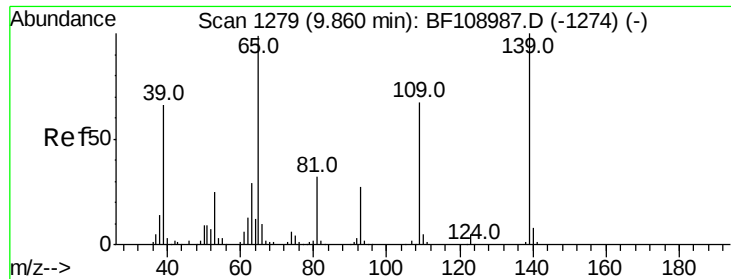
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#54
Dibenzofuran
Concen: 44.070 ng
RT: 9.96 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BF109034.D
Acq: 15 Sep 2018 9:34

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.9	30.1	45.1	
169	14.2	10.9	16.3	





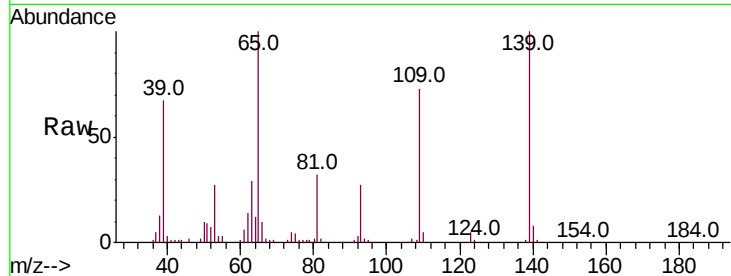
#55
4-Nitrophenol
Concen: 85.549 ng
RT: 9.87 min Scan# 1280
Delta R.T. 0.01 min
Lab File: BF109034.D
Acq: 15 Sep 2018 9:34

Instrument :
BNA_F
ClientSampleId :
PB112873BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	72.8	48.4	88.4
65	99.8	72.6	112.6

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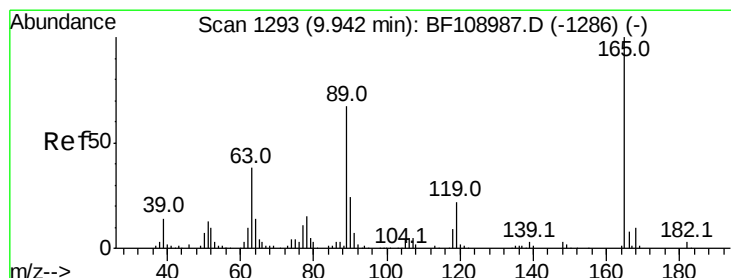
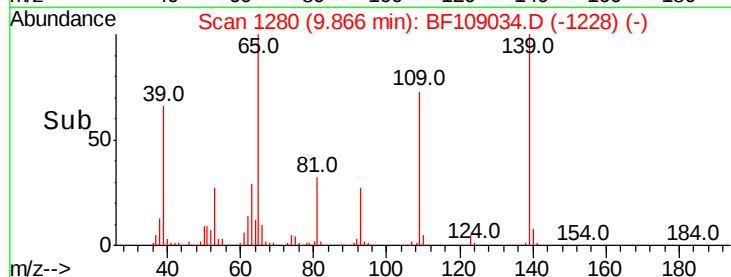
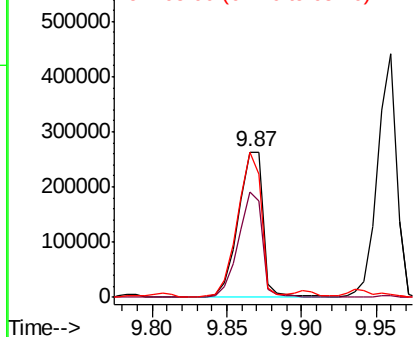


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56
2,4-Dinitrotoluene
Concen: 45.620 ng
RT: 9.94 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BF109034.D
Acq: 15 Sep 2018 9:34

Tgt Ion	Ratio	Lower	Upper
165	100		
63	37.8	36.4	54.6
89	67.0	57.8	86.6
182	2.7	1.6	2.4#

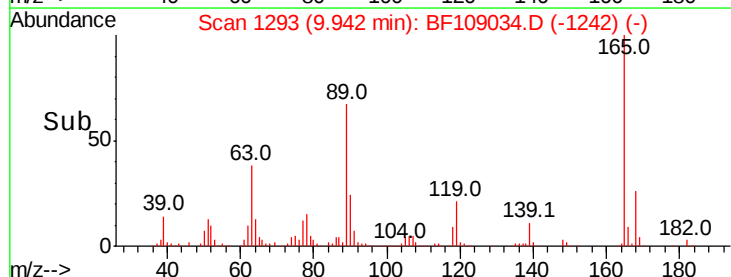
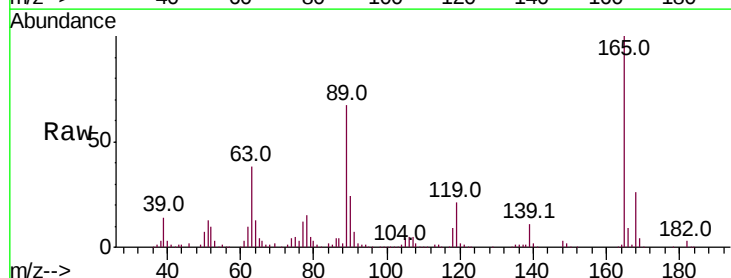
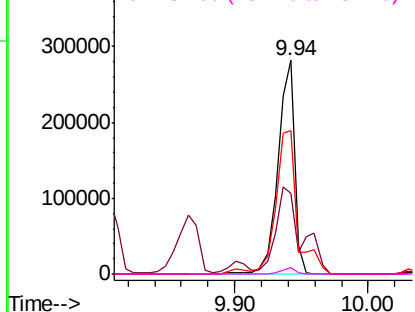
Abundance

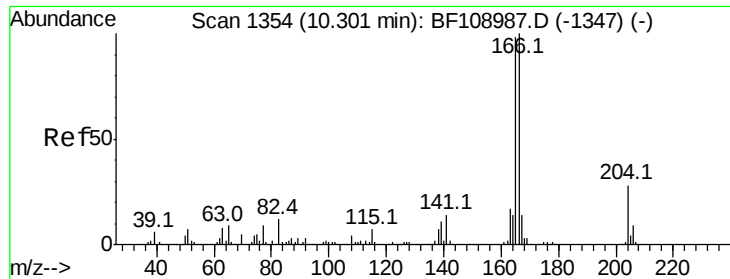
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





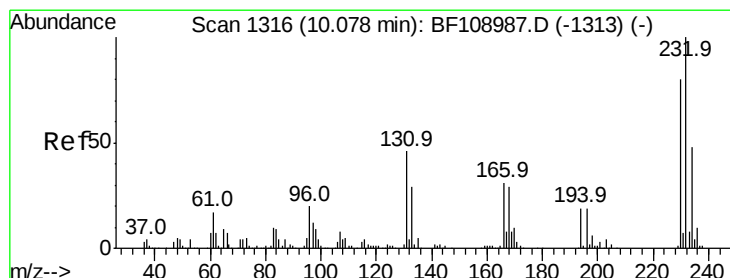
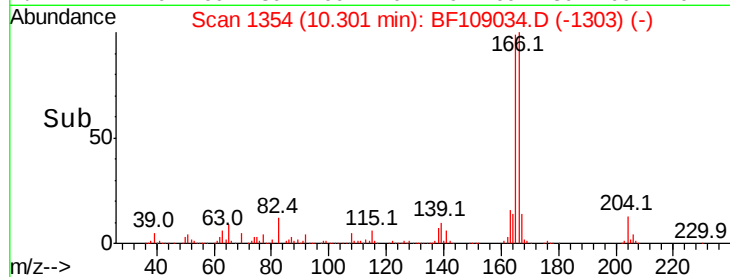
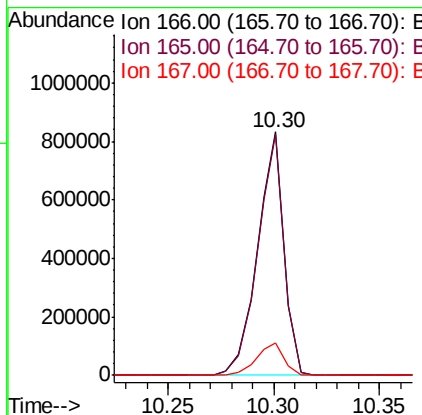
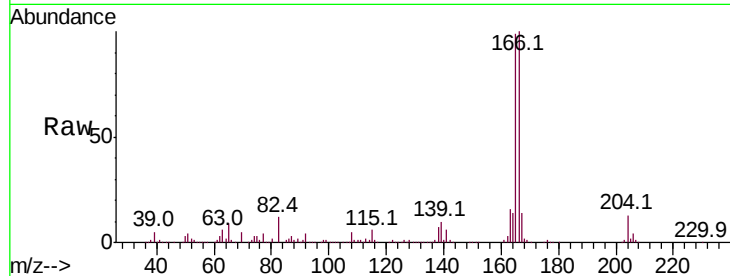
#57
Fluorene
 Concen: 47.520 ng
 RT: 10.30 min Scan# 1354
 Delta R.T. -0.00 min
 Lab File: BF109034.D
 Acq: 15 Sep 2018 9:34

Instrument :
 BNA_F
 ClientSampleId :
 PB112873BS

Tot Ion:	166	Resp:	720503
Ion Ratio	Lower	Upper	
166	100		
165	99.3	79.8	119.8
167	13.5	10.6	16.0

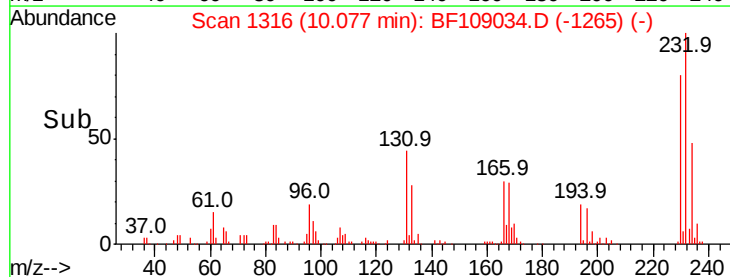
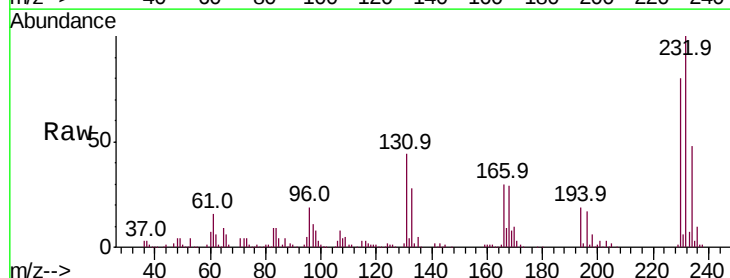
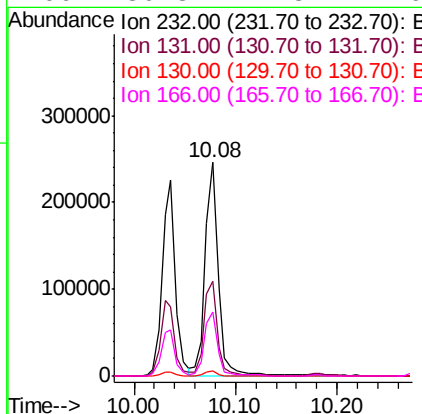
Manual Integrations
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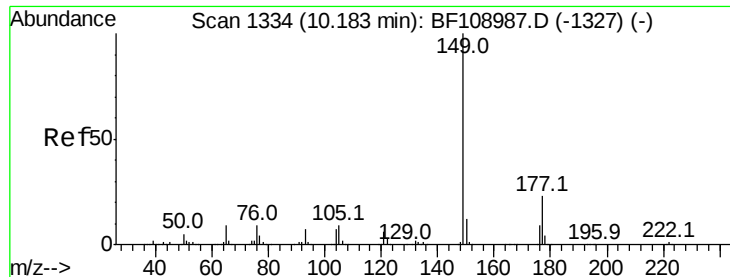
Sohil
 9/17/2018 1:59:44 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 46.156 ng
 RT: 10.08 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: BF109034.D
 Acq: 15 Sep 2018 9:34

Tgt Ion:	232	Resp:	221144
Ion Ratio	Lower	Upper	
232	100		
131	46.6	43.8	65.8
130	2.2	2.1	3.1
166	30.3	27.8	41.6





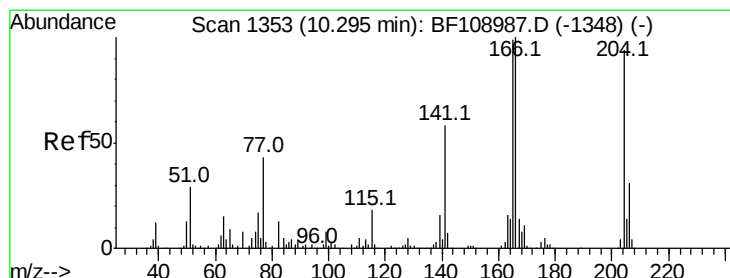
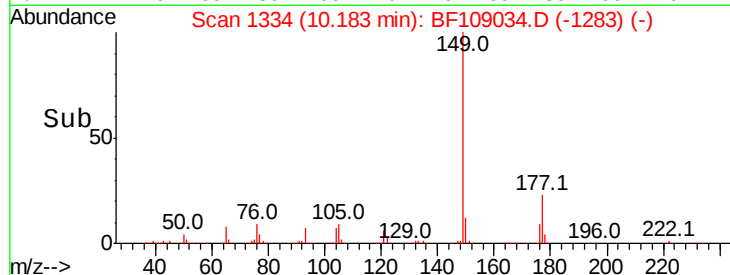
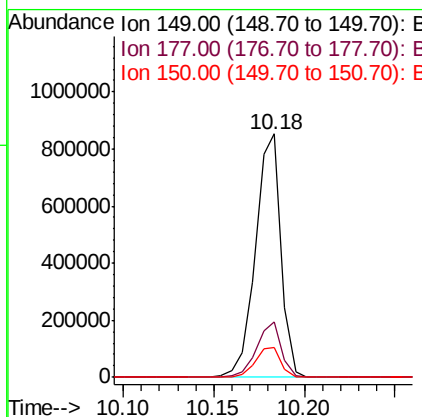
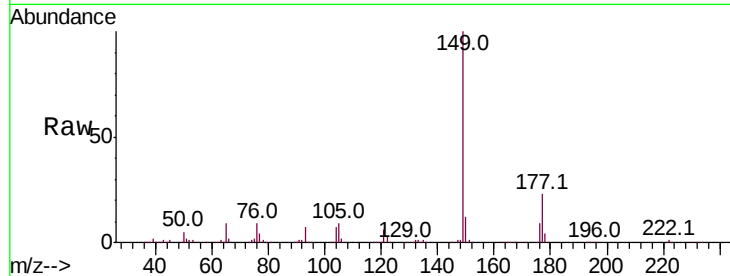
#59
Diethylphthalate
Concen: 43.955 ng
RT: 10.18 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF109034.D
Acq: 15 Sep 2018 9:34

Instrument :
BNA_F
ClientSampled :
PB112873BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	830371		
177	22.5	16.1	24.1	
150	12.4	10.1	15.1	

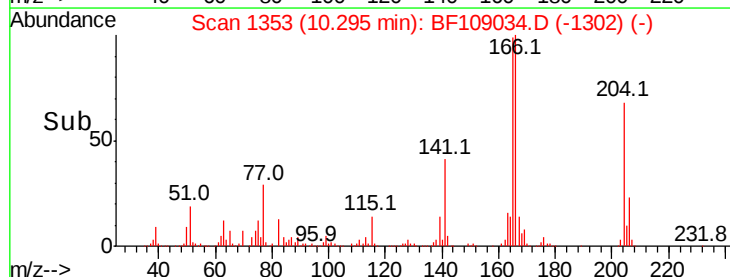
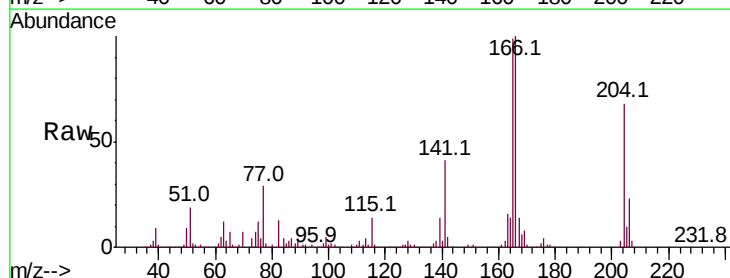
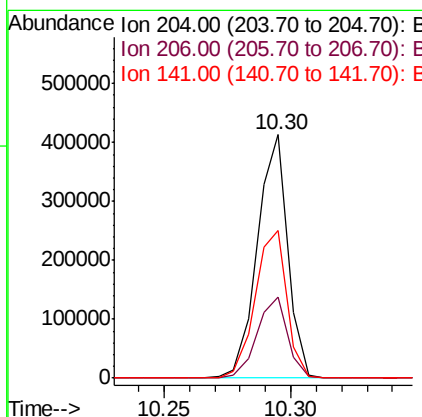
Manual Integrations
APPROVED

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9/17/2018 1:59:44 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.501 ng
RT: 10.30 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF109034.D
Acq: 15 Sep 2018 9:34

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	345058		
206	33.2	26.5	39.7	
141	60.7	54.6	81.8	





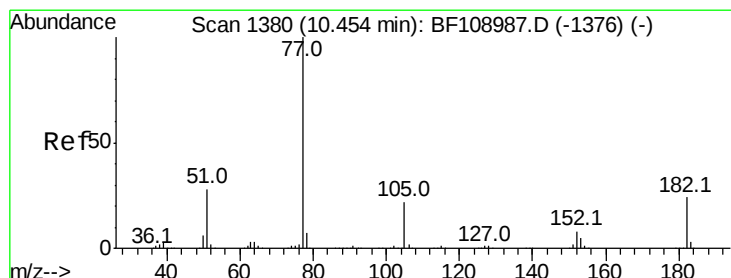
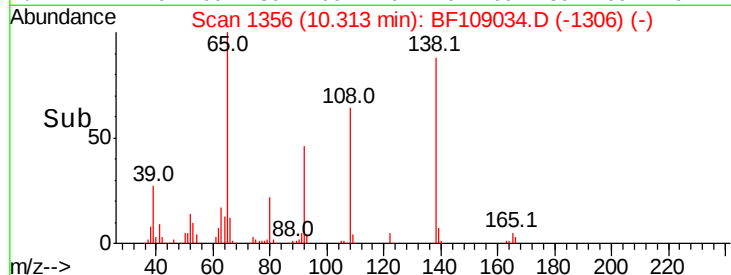
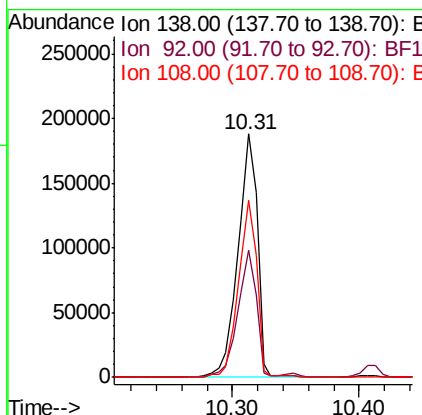
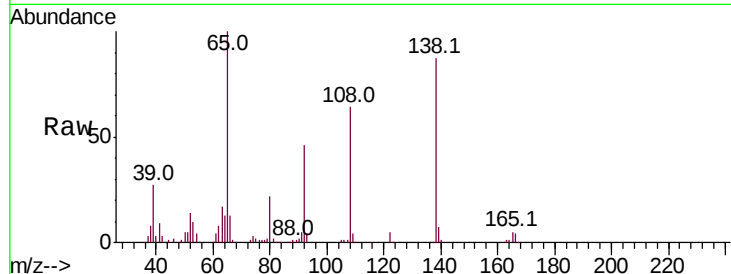
#61
4-Nitroaniline
Concen: 42.739 ng
RT: 10.31 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF109034.D
Acq: 15 Sep 2018 9:34

Instrument :
BNA_F
ClientSampleId :
PB112873BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	52.2	30.2	70.2
108	72.7	52.5	92.5

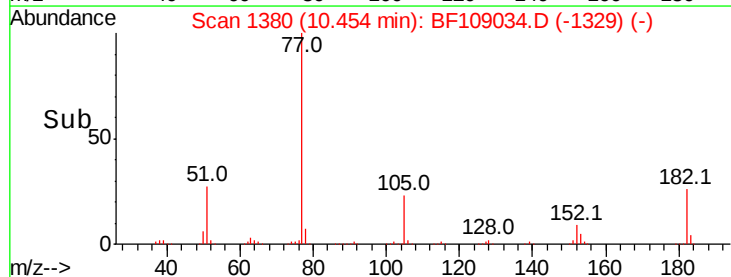
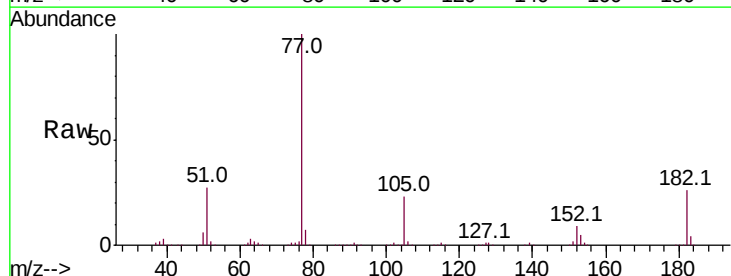
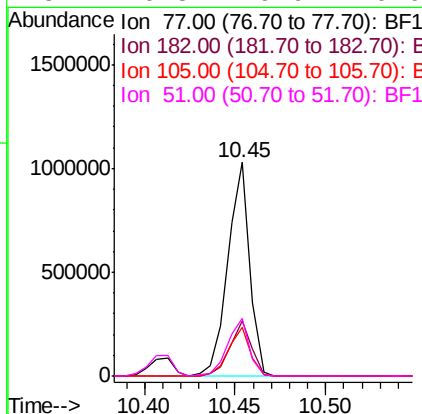
Manual Integrations
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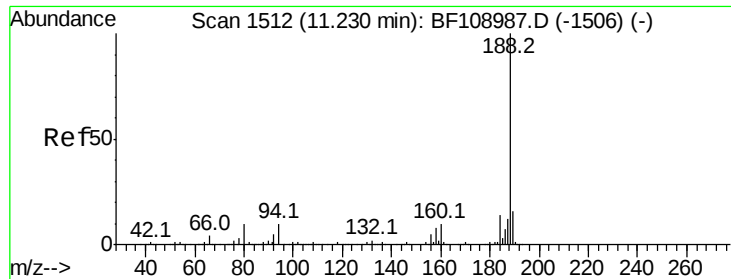
Sohil
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#62
Azobenzene
Concen: 44.533 ng
RT: 10.45 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BF109034.D
Acq: 15 Sep 2018 9:34

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.0	1.7	41.7
105	22.9	3.0	43.0
51	26.8	9.9	49.9





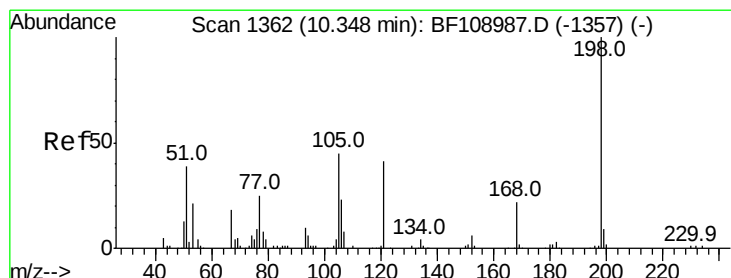
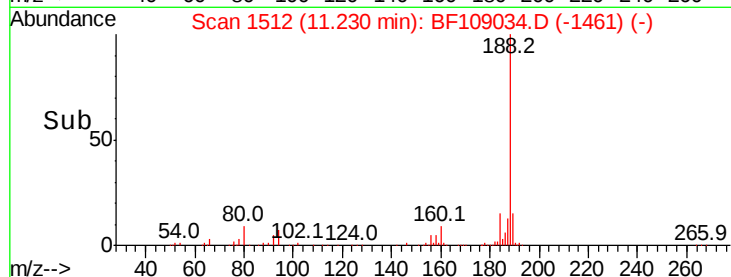
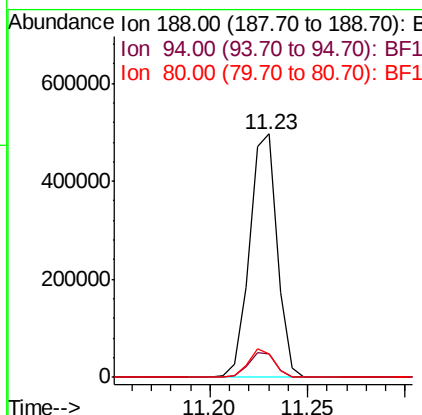
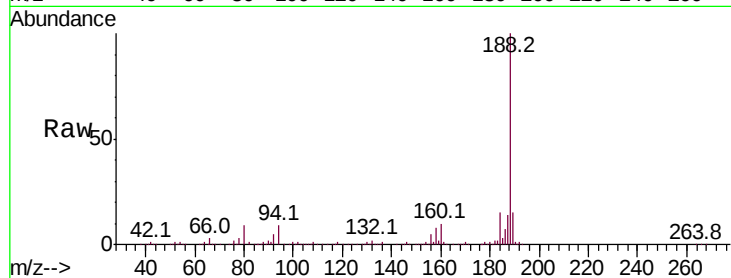
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF109034.D
Acq: 15 Sep 2018 9:34

Instrument :
BNA_F
ClientSampleId :
PB112873BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	486423		
94	9.5		8.5	12.7
80	9.4		9.2	13.8

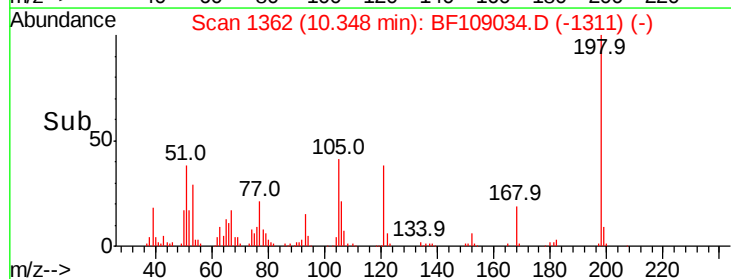
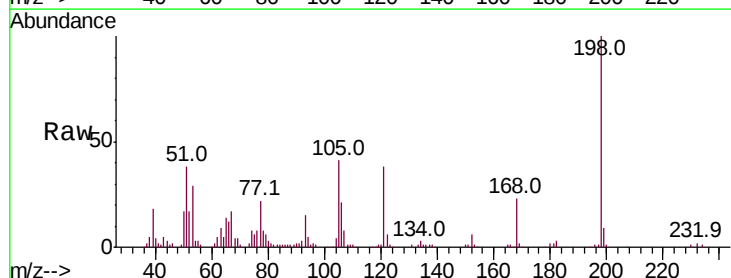
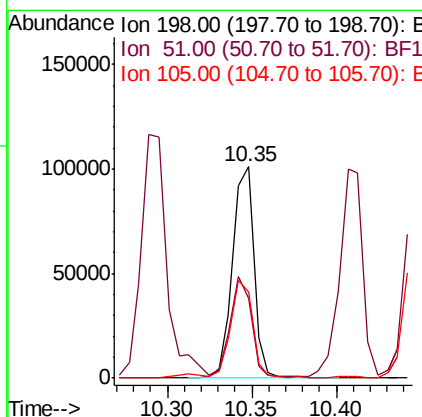
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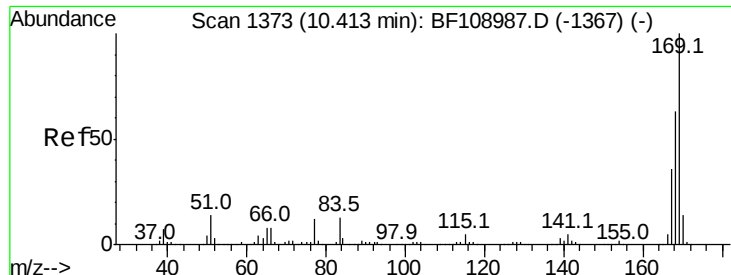
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 38.419 ng
RT: 10.35 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BF109034.D
Acq: 15 Sep 2018 9:34

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	89413		
51	37.7		37.7	77.7
105	40.6		36.3	76.3





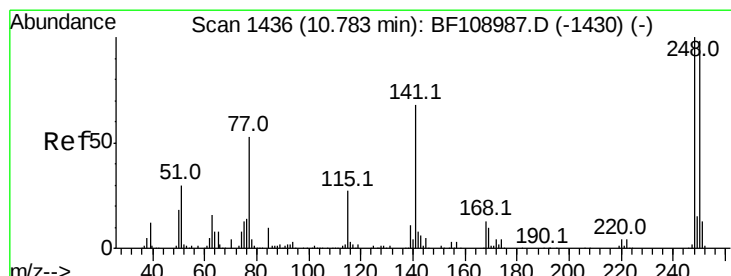
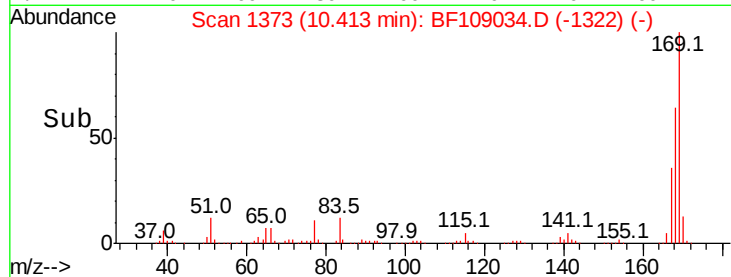
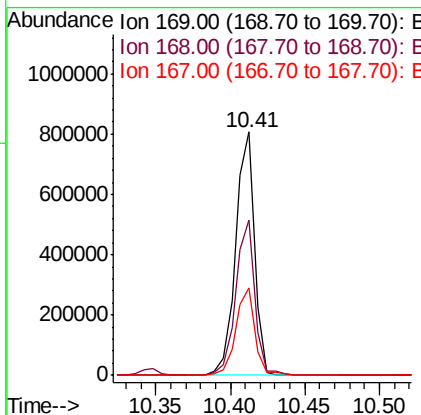
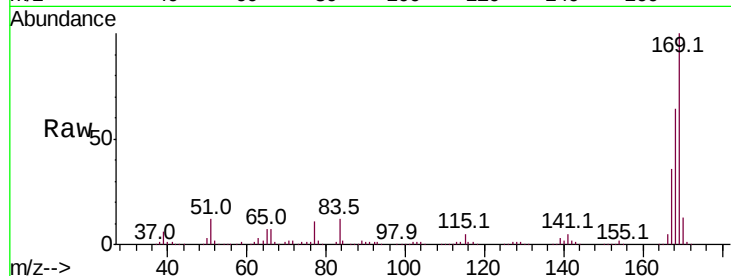
#65
 n-Nitrosodiphenylamine
 Concen: 45.171 ng
 RT: 10.41 min Scan# 1373
 Delta R.T. -0.00 min
 Lab File: BF109034.D
 Acq: 15 Sep 2018 9:34

Instrument :
 BNA_F
 ClientSampleId :
 PB112873BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	718725		
168	64.0		54.4	81.6
167	36.0		29.8	44.6

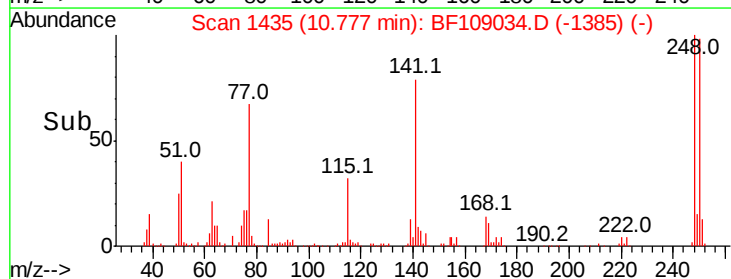
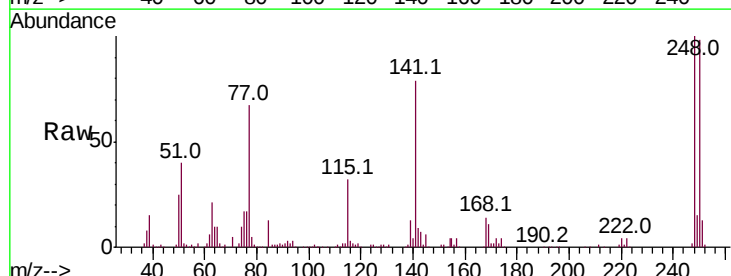
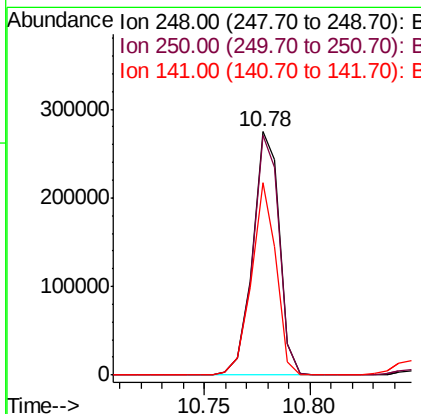
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#66
 4-Bromophenyl-phenylether
 Concen: 43.974 ng
 RT: 10.78 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF109034.D
 Acq: 15 Sep 2018 9:34

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	241144		
250	98.3		76.9	115.3
141	78.9		74.4	111.6





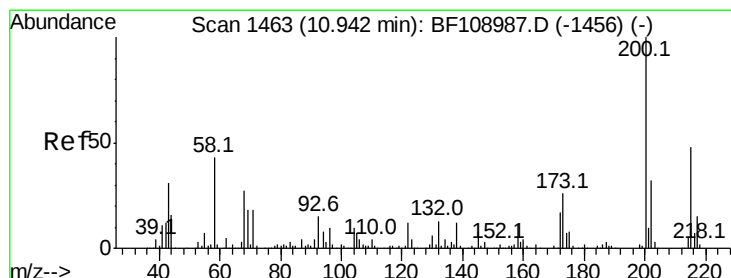
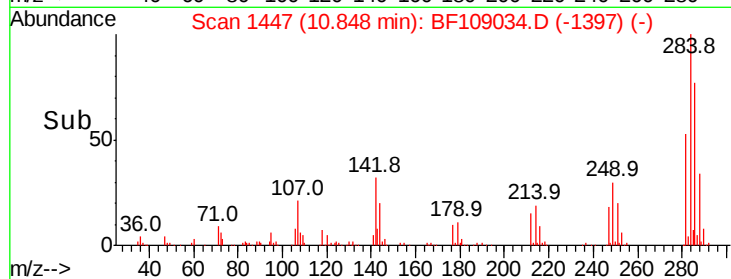
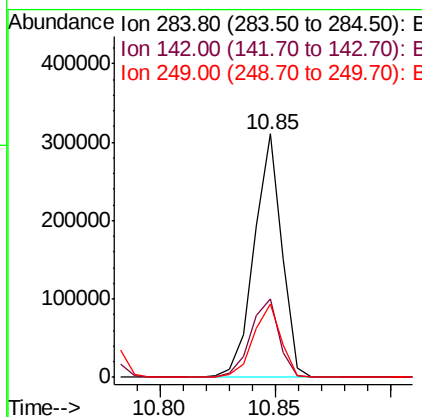
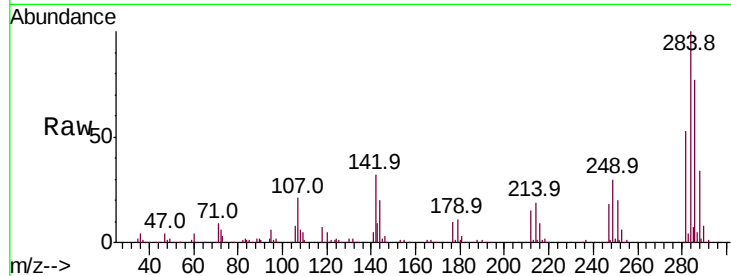
#67
 Hexachlorobenzene
 Concen: 44.069 ng
 RT: 10.85 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF109034.D
 Acq: 15 Sep 2018 9:34

Instrument :
 BNA_F
 ClientSampleId :
 PB112873BS

Tot Ion:	284	Resp:	258494
Ion Ratio	Lower	Upper	
284	100		
142	32.3	34.6	52.0#
249	30.1	24.8	37.2

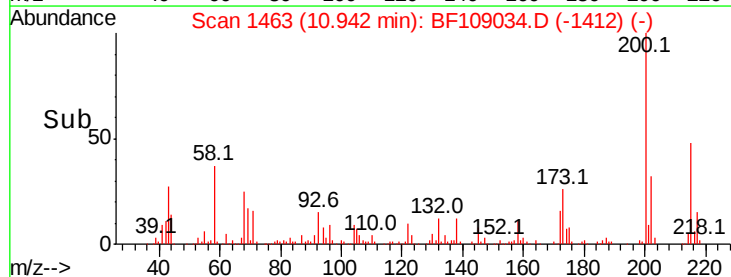
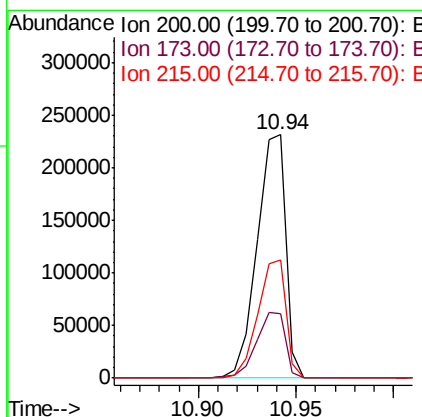
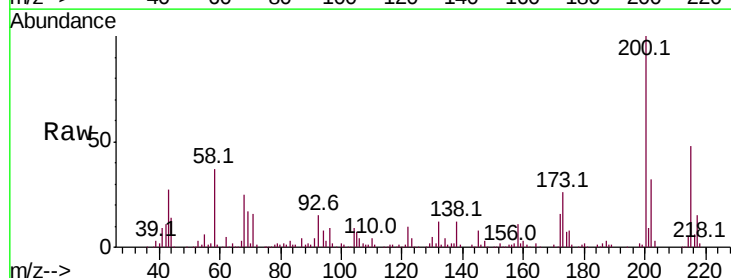
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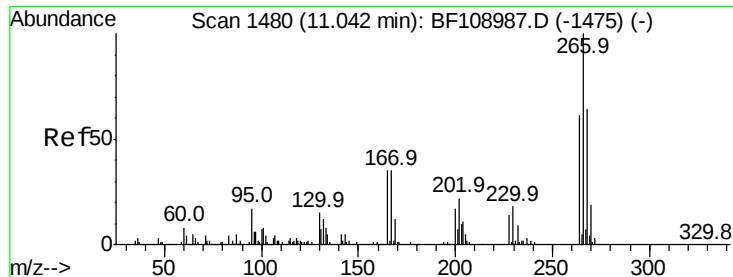
Sohil
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#68
 Atrazine
 Concen: 46.336 ng
 RT: 10.94 min Scan# 1463
 Delta R.T. -0.00 min
 Lab File: BF109034.D
 Acq: 15 Sep 2018 9:34

Tgt Ion:	200	Resp:	236010
Ion Ratio	Lower	Upper	
200	100		
173	26.2	8.6	48.6
215	48.4	25.1	65.1





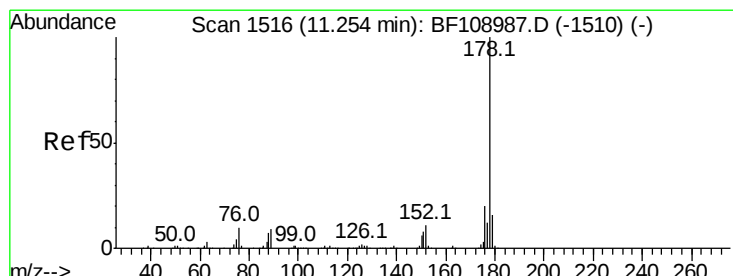
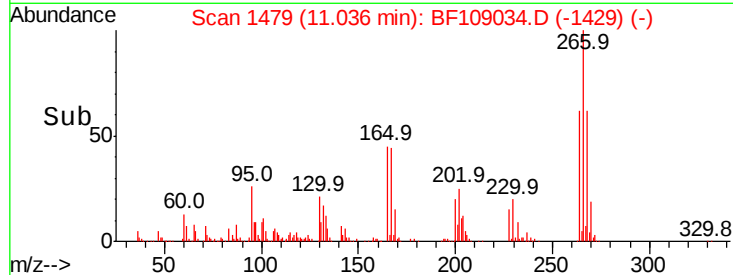
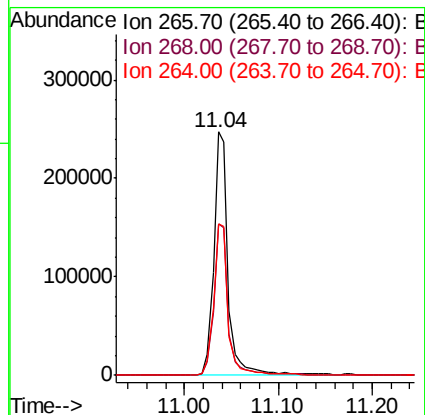
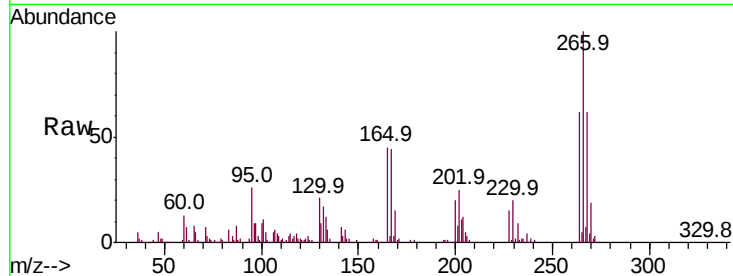
#69
 Pentachlorophenol
 Concen: 71.680 ng
 RT: 11.04 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF109034.D
 Acq: 15 Sep 2018 9:34

Instrument :
 BNA_F
 ClientSampleId :
 PB112873BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	269002		
268	62.2	51.1	76.7	
264	62.4	49.5	74.3	

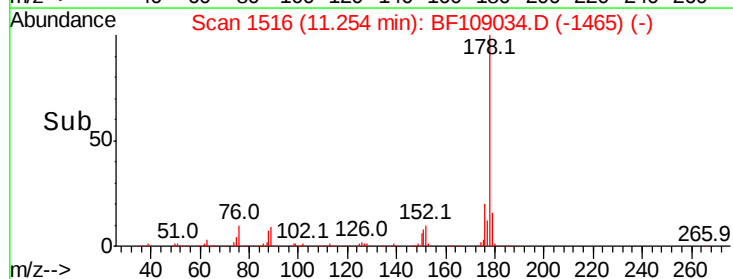
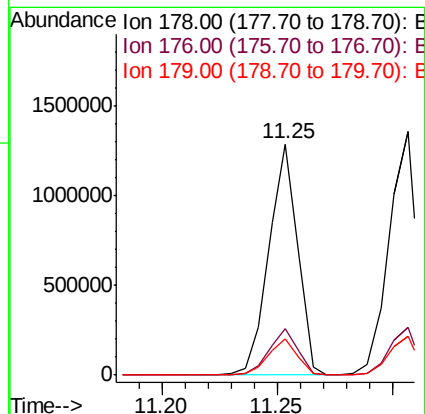
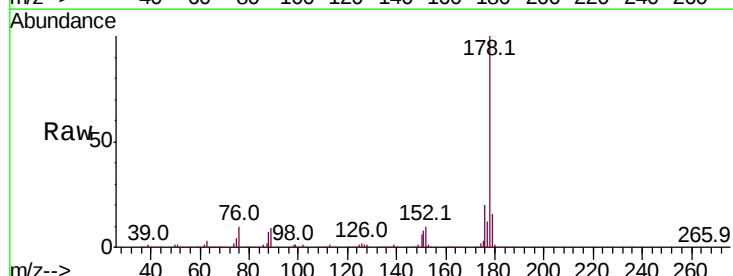
Manual Integrations
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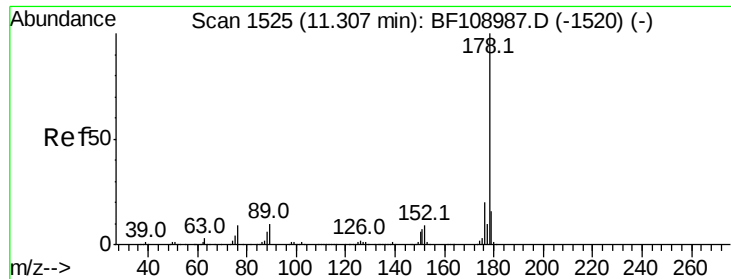
Sohil
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#70
 Phenanthrene
 Concen: 46.646 ng
 RT: 11.25 min Scan# 1516
 Delta R.T. -0.00 min
 Lab File: BF109034.D
 Acq: 15 Sep 2018 9:34

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1112241		
176	20.4	15.8	23.8	
179	15.9	13.0	19.6	





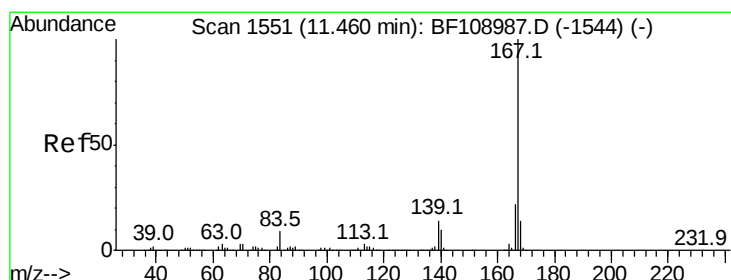
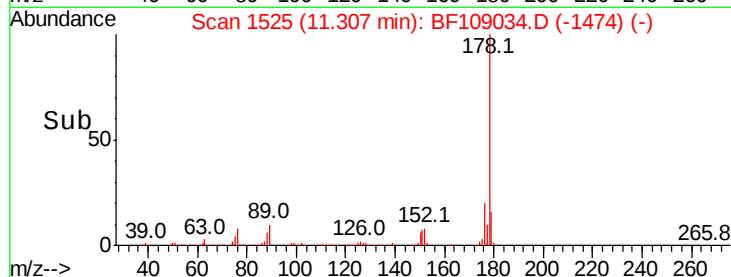
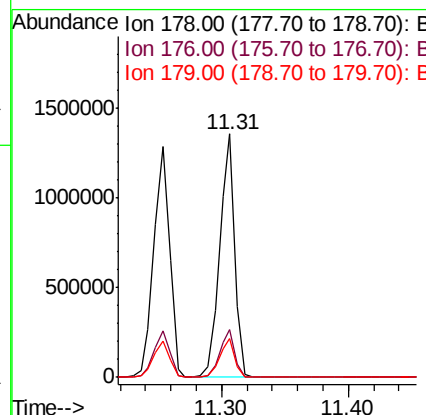
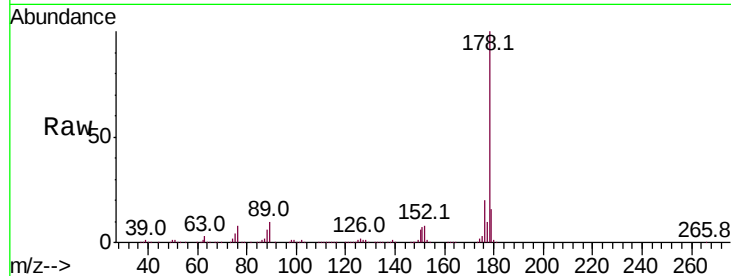
#71
 Anthracene
 Concen: 47.204 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. -0.00 min
 Lab File: BF109034.D
 Acq: 15 Sep 2018 9:34

Instrument :
 BNA_F
 ClientSampleId :
 PB112873BS

Tot Ion:178 Resp: 1140975
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 15.8 12.6 19.0

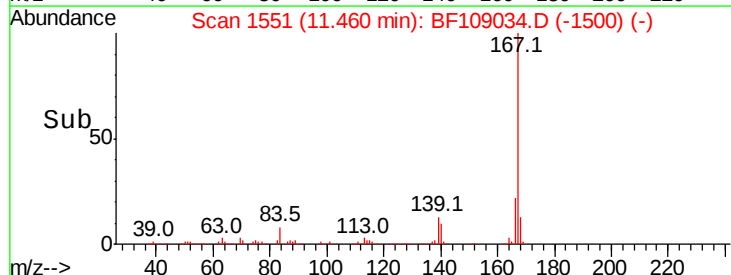
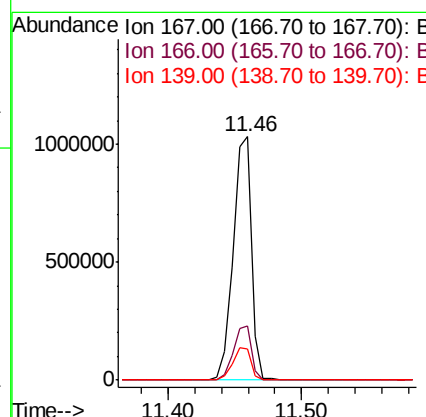
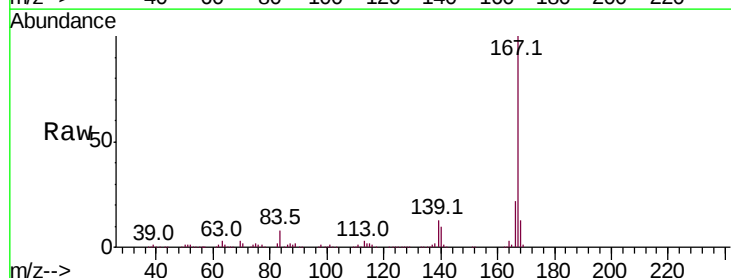
Manual Integrations
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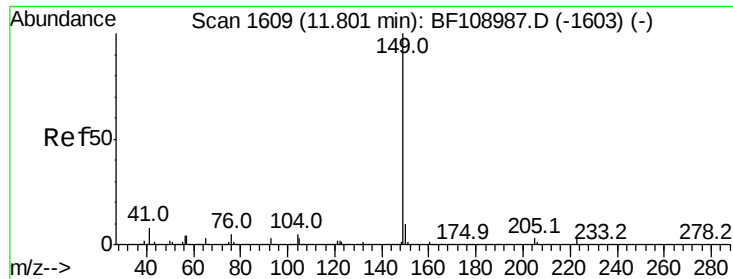
Sohil
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#72
 Carbazole
 Concen: 41.990 ng
 RT: 11.46 min Scan# 1551
 Delta R.T. -0.00 min
 Lab File: BF109034.D
 Acq: 15 Sep 2018 9:34

Tgt Ion:167 Resp: 1004702
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 12.7 10.9 16.3





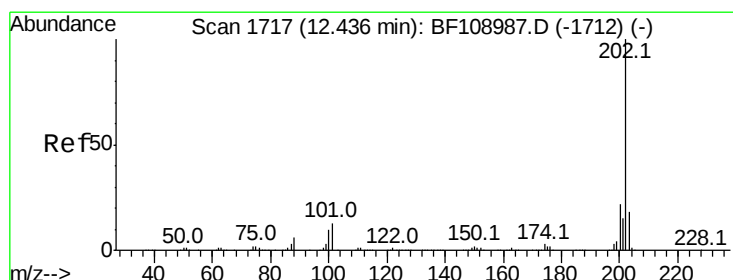
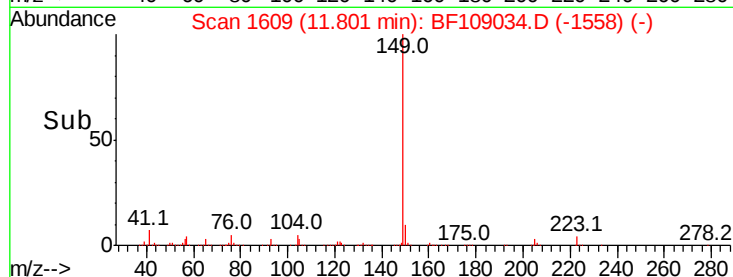
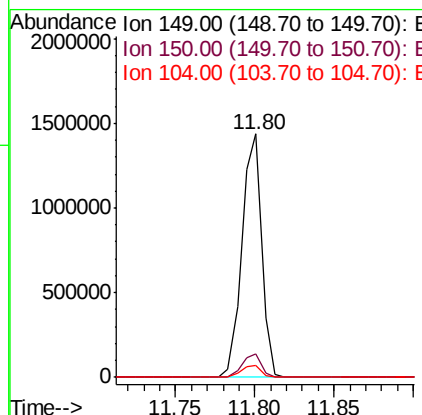
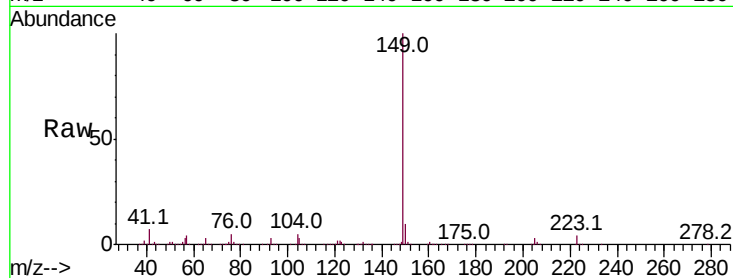
#73
Di-n-butylphthalate
Concen: 44.233 ng
RT: 11.80 min Scan# 1609
Delta R.T. -0.00 min
Lab File: BF109034.D
Acq: 15 Sep 2018 9:34

Instrument :
BNA_F
ClientSampleId :
PB112873BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.8	11.6
104	4.9	3.8	5.8

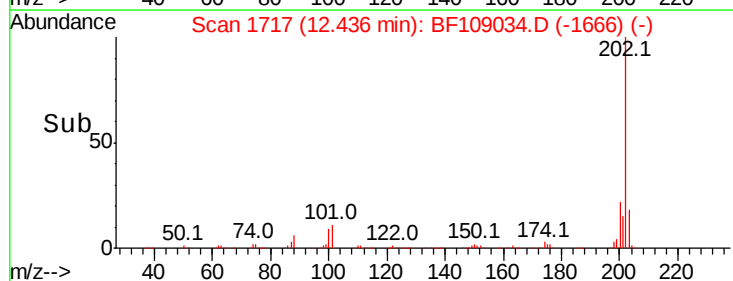
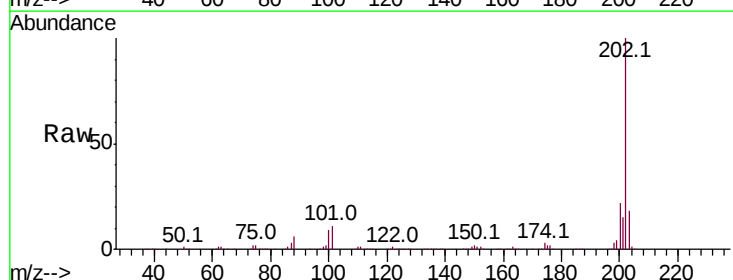
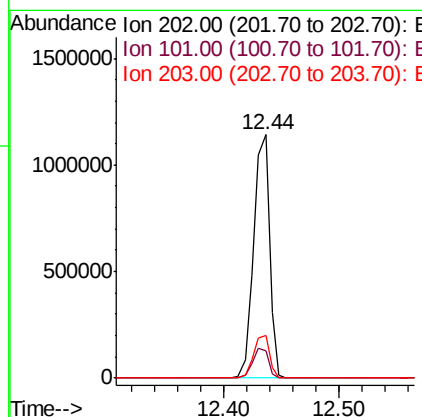
Manual Integrations
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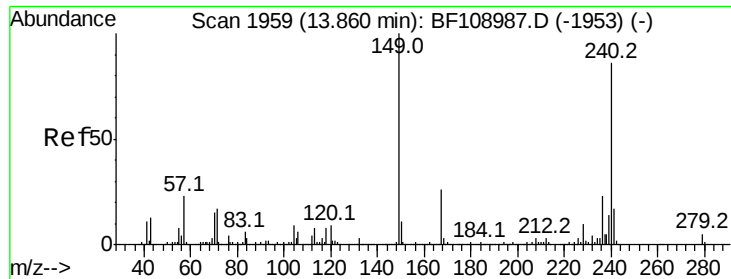
Sohil
9/17/2018 1:59:44 PM



#74
Fluoranthene
Concen: 43.431 ng
RT: 12.44 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BF109034.D
Acq: 15 Sep 2018 9:34

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	34.1
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BF109034.D

Acq: 15 Sep 2018 9:34

Instrument :

BNA_F

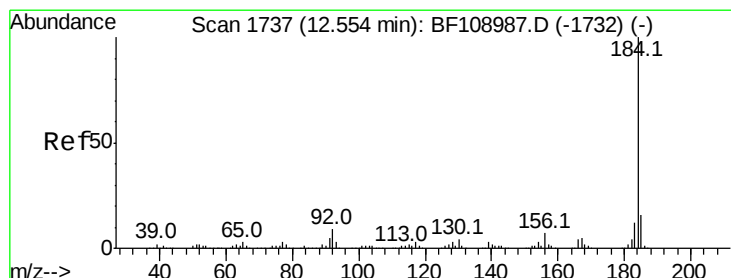
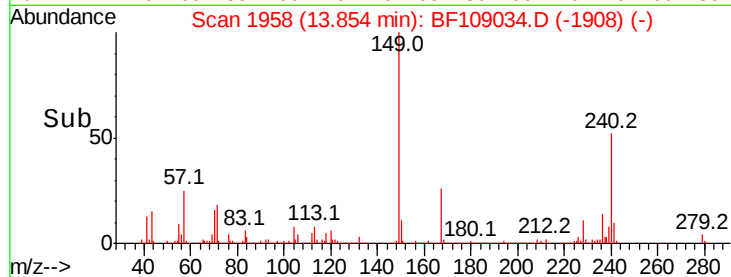
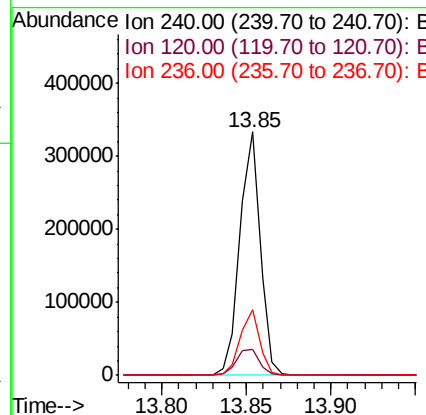
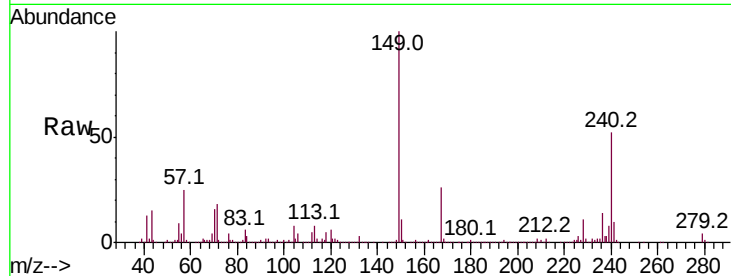
ClientSampleId :

PB112873BS

Tot Ion:	240	Resp:	280012
Ion Ratio	Lower	Upper	
240	100		
120	10.8	9.5	14.3
236	26.8	20.7	31.1

Manual Integrations
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Sohil
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#76

Benzidine

Concen: 54.797 ng

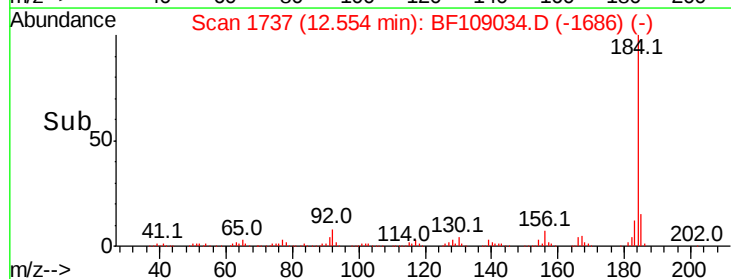
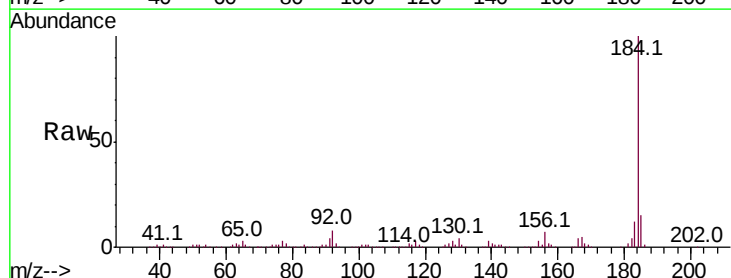
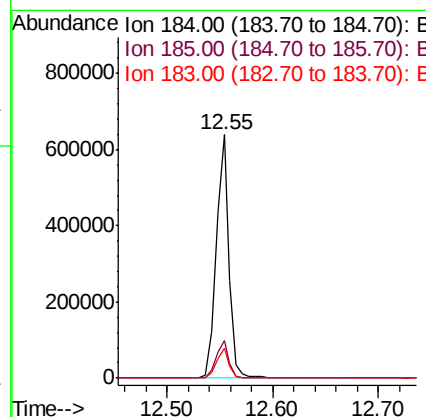
RT: 12.55 min Scan# 1737

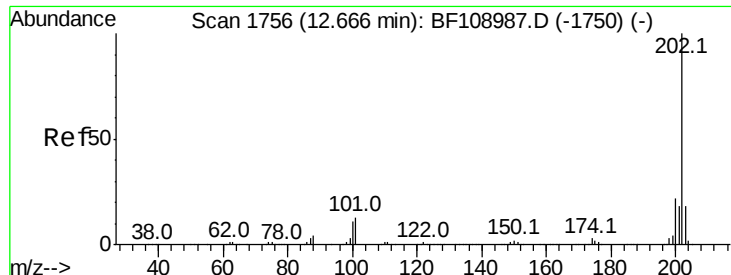
Delta R.T. 0.00 min

Lab File: BF109034.D

Acq: 15 Sep 2018 9:34

Tgt Ion:	184	Resp:	543149
Ion Ratio	Lower	Upper	
184	100		
185	15.4	12.6	18.8
183	12.0	9.3	13.9





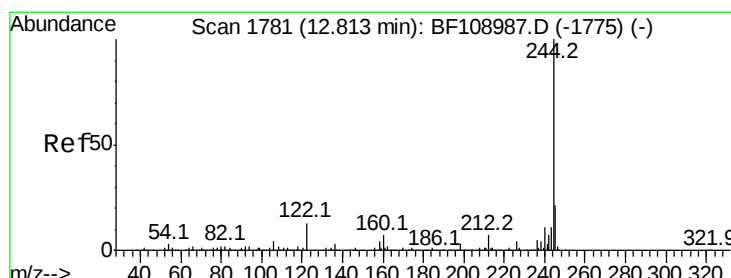
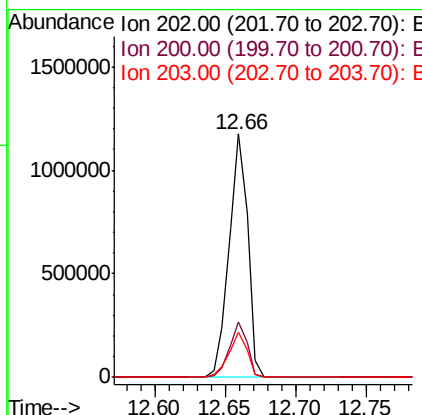
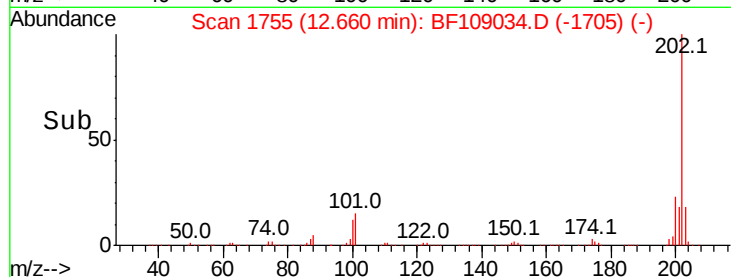
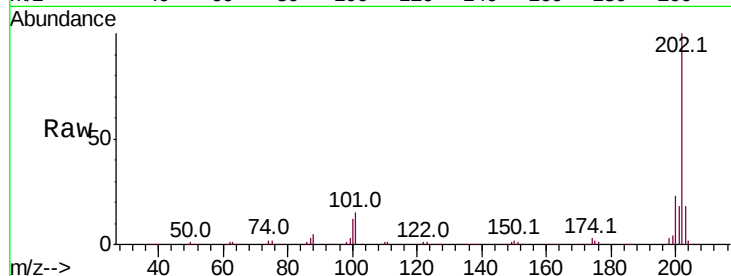
#77
Pvrene
Concen: 51.914 ng
RT: 12.66 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BF109034.D
Acq: 15 Sep 2018 9:34

Instrument :
BNA_F
ClientSampleId :
PB112873BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.7	17.4	26.2
203	18.4	14.3	21.5

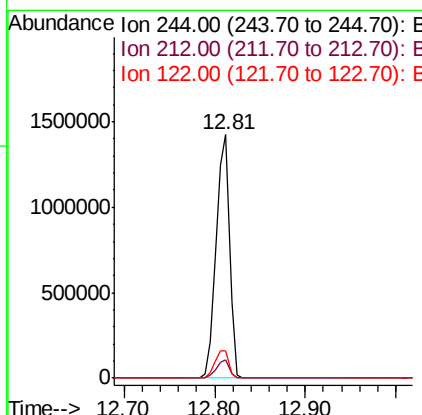
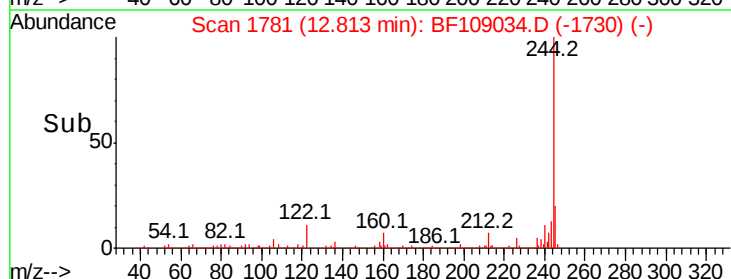
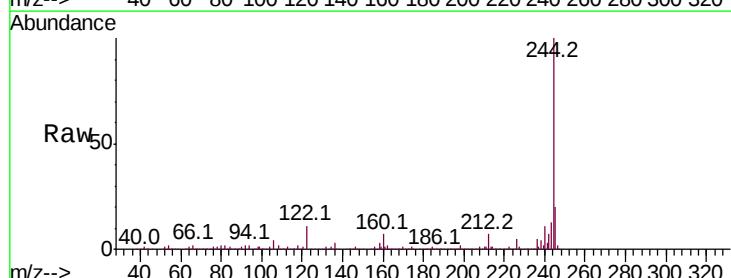
Manual Integrations
APPROVED

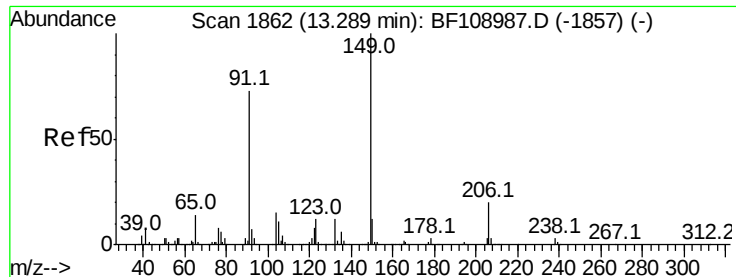
Sohil
9/17/2018 1:59:44 PM



#78
Terphenyl-d14
Concen: 122.581 ng
RT: 12.81 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BF109034.D
Acq: 15 Sep 2018 9:34

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.4	8.0
122	11.0	11.0	16.4





#79

Butylbenzylphthalate

Concen: 51.499 ng

RT: 13.28 min Scan# 1861

Delta R.T. -0.01 min

Lab File: BF109034.D

Acq: 15 Sep 2018 9:34

Instrument :

BNA_F

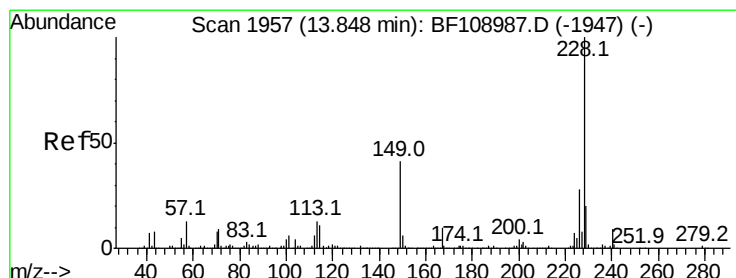
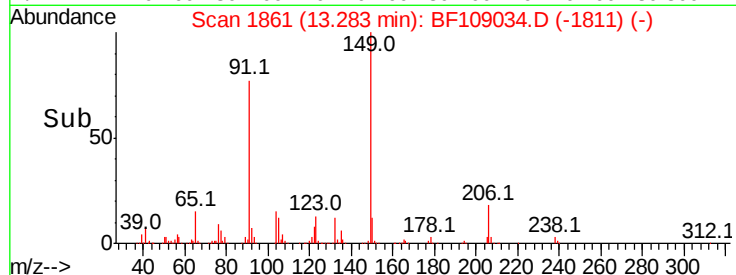
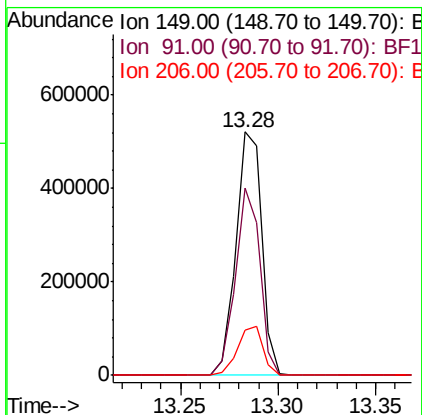
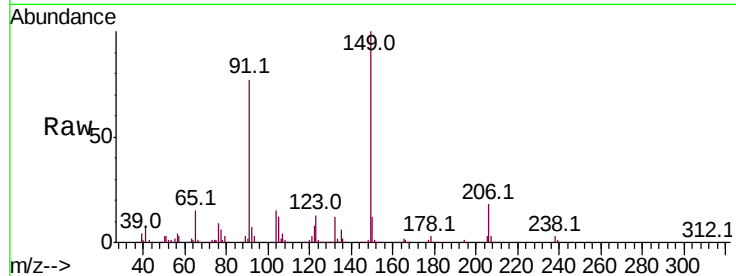
ClientSampleId :

PB112873BS

Tot Ion:	149	Resp:	478411
Ion Ratio	Lower	Upper	
149	100		
91	77.0	56.8	85.2
206	18.4	14.1	21.1

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 49.629 ng

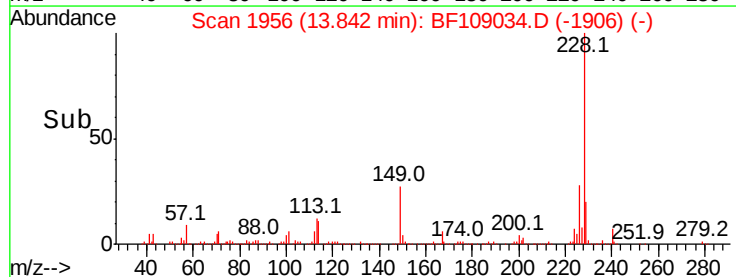
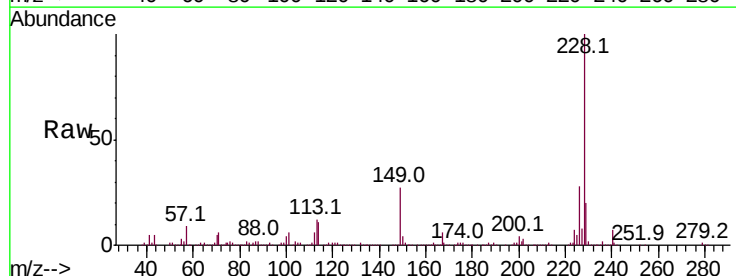
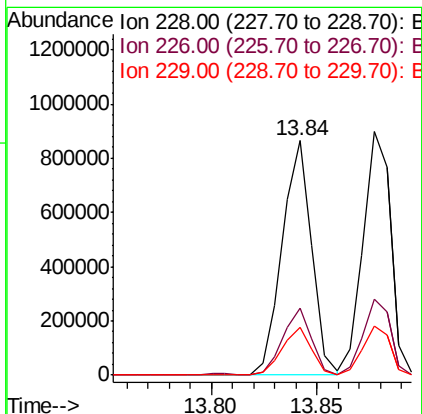
RT: 13.84 min Scan# 1956

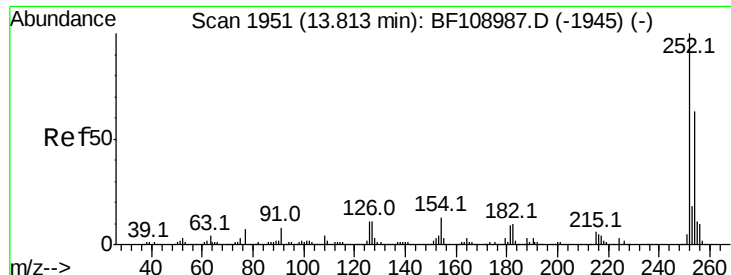
Delta R.T. -0.01 min

Lab File: BF109034.D

Acq: 15 Sep 2018 9:34

Tgt Ion:	228	Resp:	841355
Ion Ratio	Lower	Upper	
228	100		
226	28.4	22.6	33.8
229	20.4	15.8	23.6





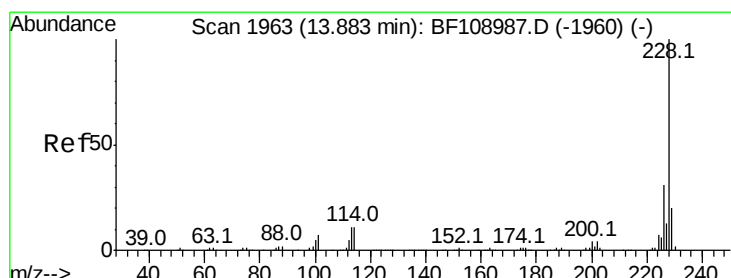
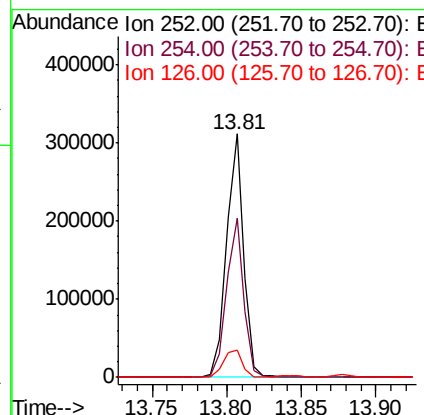
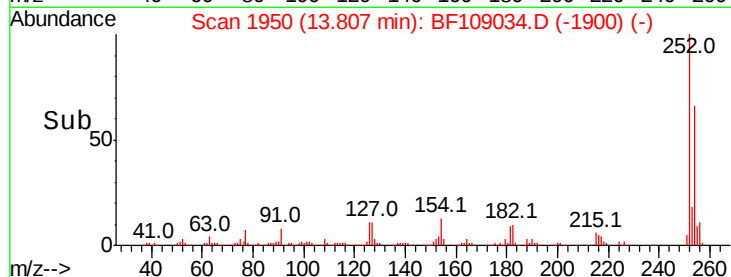
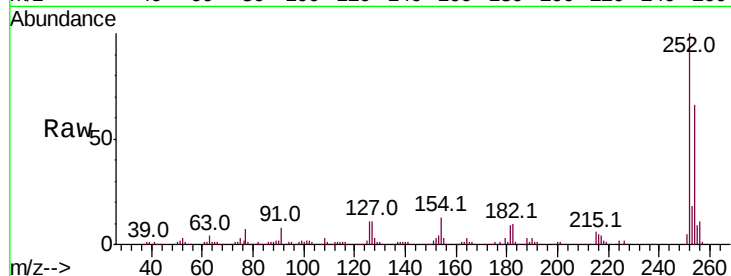
#81
 3,3'-Dichlorobenzidine
 Concen: 36.954 ng
 RT: 13.81 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BF109034.D
 Acq: 15 Sep 2018 9:34

Instrument :
 BNA_F
 ClientSampleId :
 PB112873BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.5	50.4	75.6
126	11.3	11.3	16.9

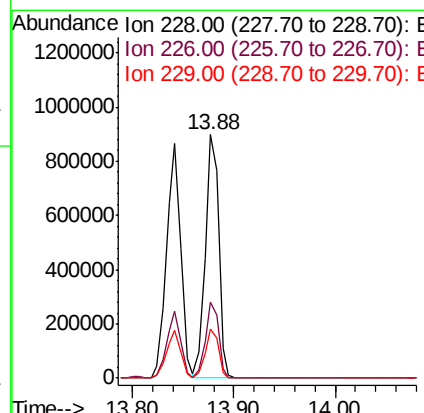
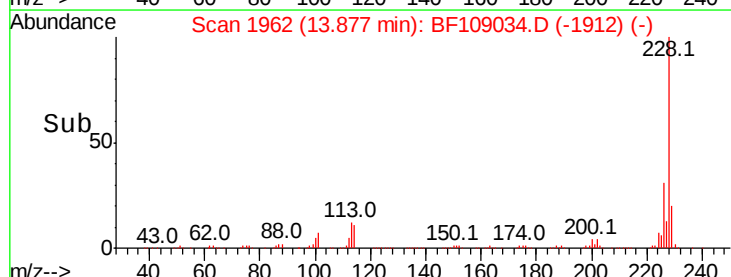
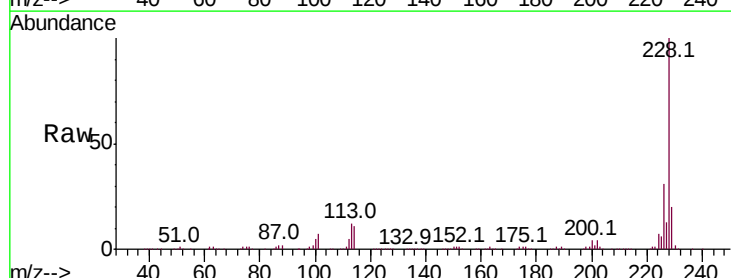
Manual Integrations
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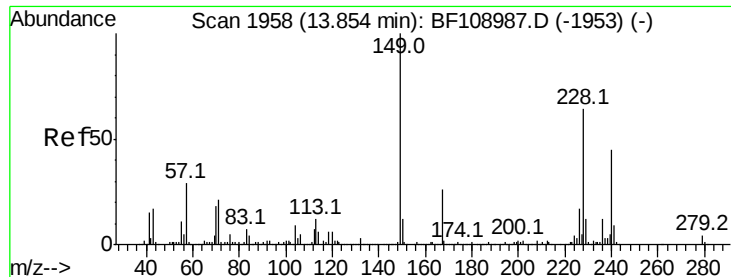
Sohil
 9/17/2018 1:59:44 PM



#82
 Chrysene
 Concen: 48.692 ng
 RT: 13.88 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: BF109034.D
 Acq: 15 Sep 2018 9:34

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.4	25.0	37.6
229	20.2	16.2	24.4





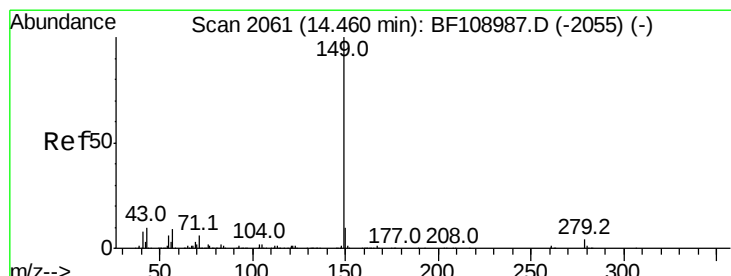
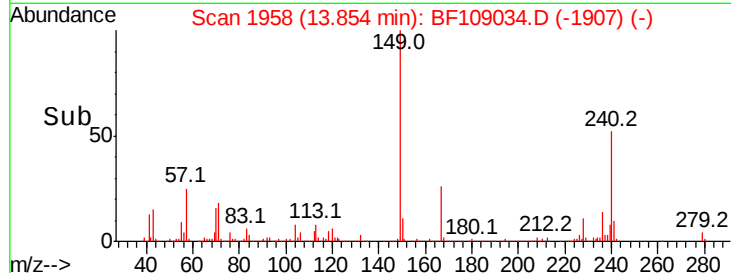
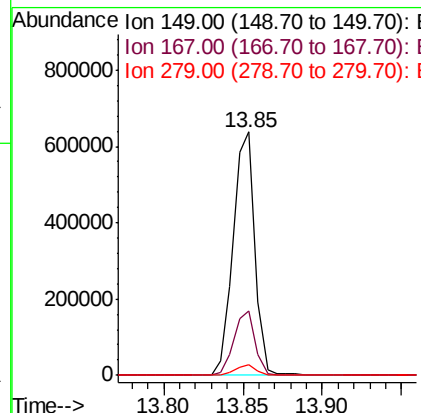
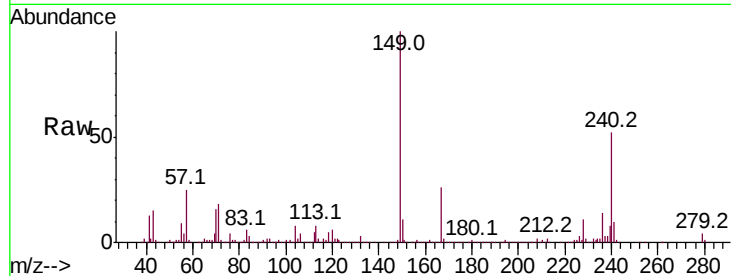
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 53.939 ng
 RT: 13.85 min Scan# 1958
 Delta R.T. -0.00 min
 Lab File: BF109034.D
 Acq: 15 Sep 2018 9:34

Instrument :
 BNA_F
 ClientSampleId :
 PB112873BS

Tot Ion:	149	Resp:	606705
Ion Ratio	Lower	Upper	
149	100		
167	26.4	21.3	31.9
279	4.2	3.0	4.4

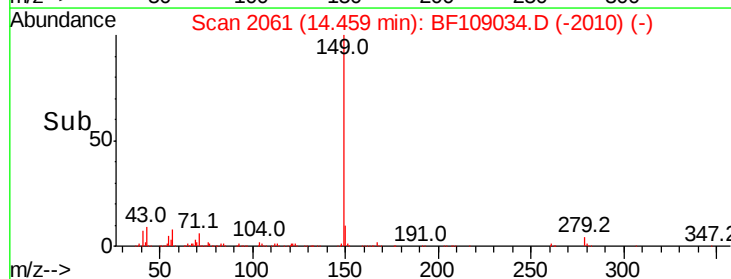
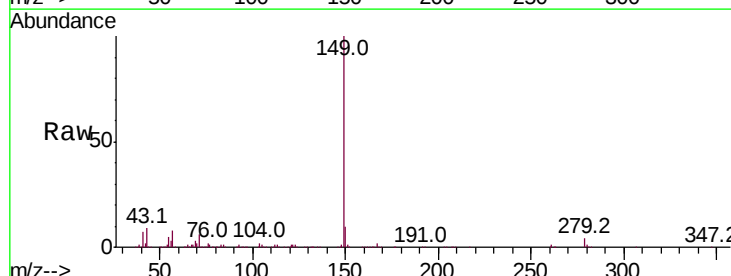
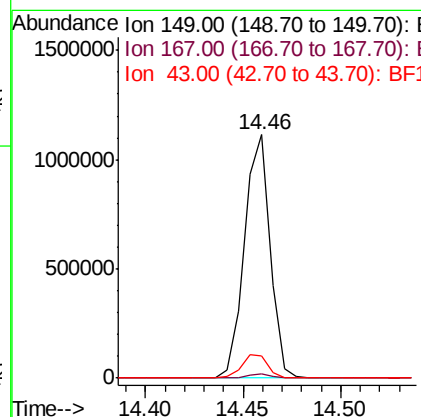
Manual Integrations
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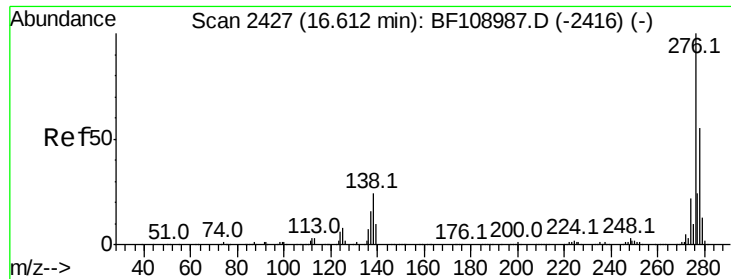
Sohil
 9/17/2018 1:59:44 PM



#84
 Di-n-octyl phthalate
 Concen: 53.212 ng
 RT: 14.46 min Scan# 2061
 Delta R.T. -0.00 min
 Lab File: BF109034.D
 Acq: 15 Sep 2018 9:34

Tgt Ion:	149	Resp:	1015081
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	9.9	8.4	12.6





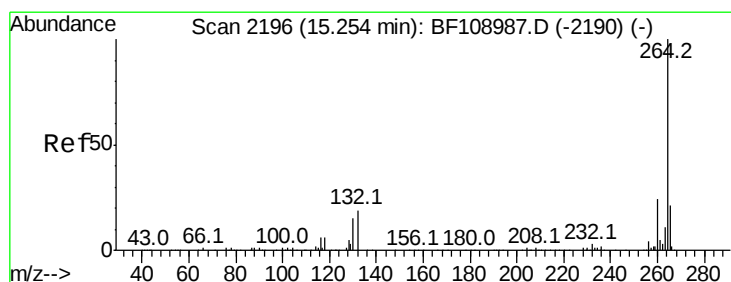
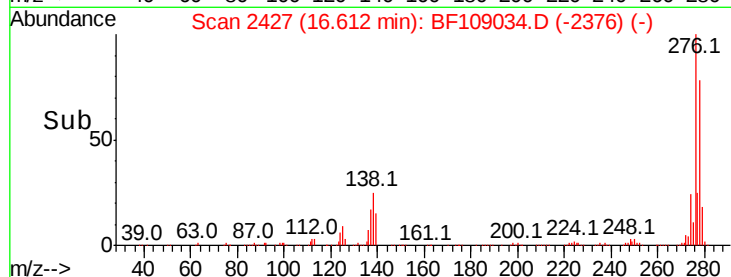
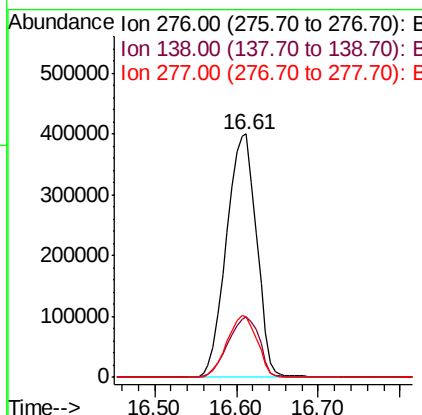
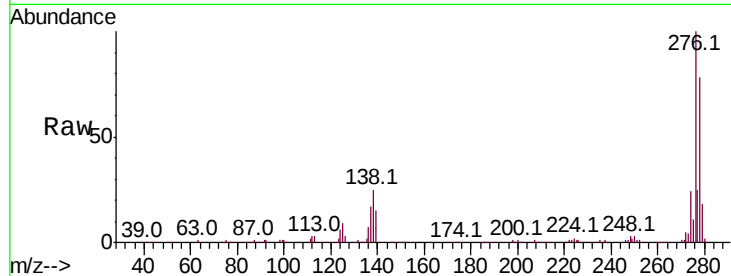
#85
Indeno(1,2,3-cd)pyrene
Concen: 75.819 ng
RT: 16.61 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BF109034.D
Acq: 15 Sep 2018 9:34

Instrument :
BNA_F
ClientSampleId :
PB112873BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.0	25.0	37.6
277	25.5	20.1	30.1

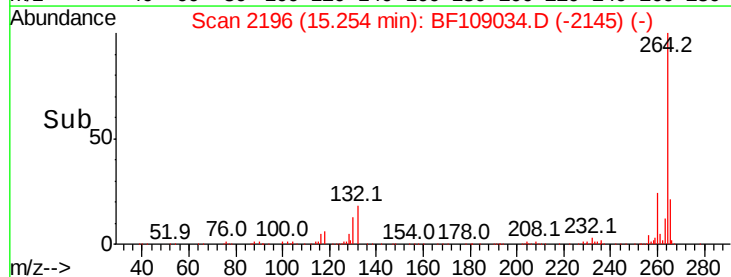
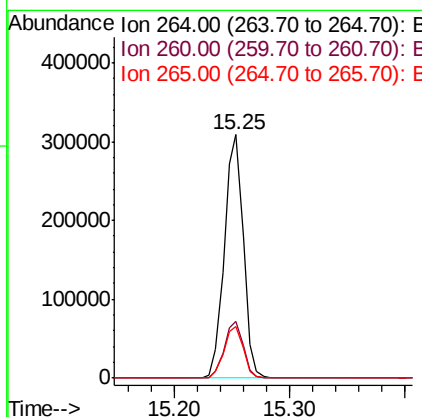
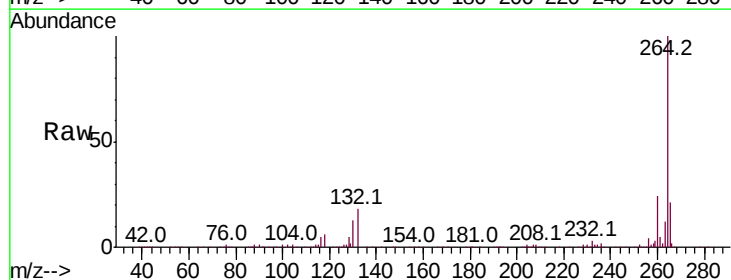
Manual Integrations
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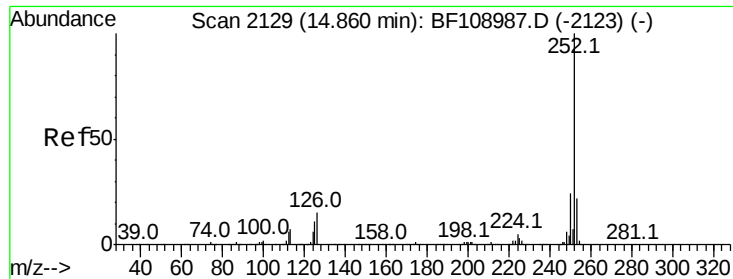
Sohil
9/17/2018 1:59:44 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BF109034.D
Acq: 15 Sep 2018 9:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.0	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 44.211 ng

RT: 14.86 min Scan# 2129

Delta R.T. -0.00 min

Lab File: BF109034.D

Acq: 15 Sep 2018 9:34

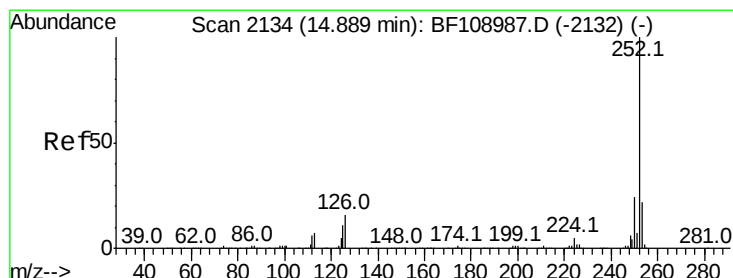
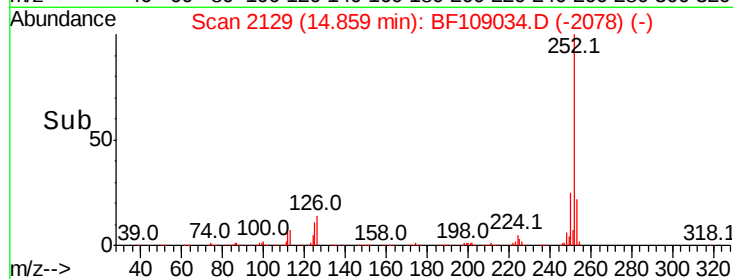
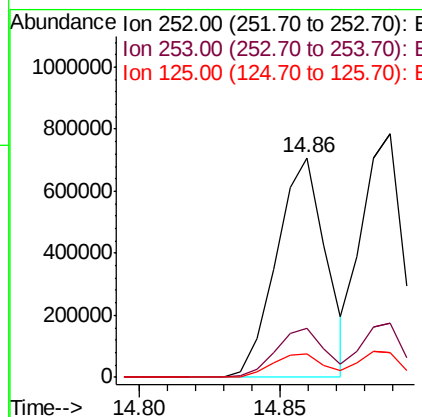
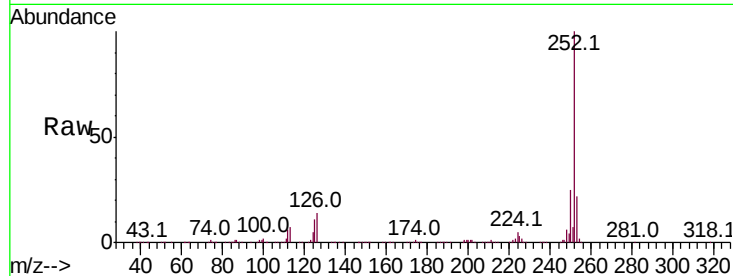
Instrument :
BNA_F

ClientSampled :
PB112873BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	10.7	9.0	13.6

Manual Integrations
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9/17/2018 1:59:44 PM



#88

Benzo(k)fluoranthene

Concen: 43.499 ng m

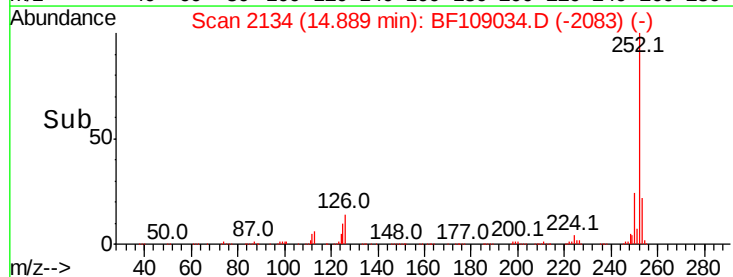
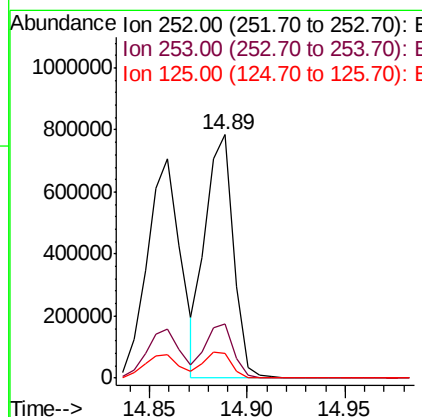
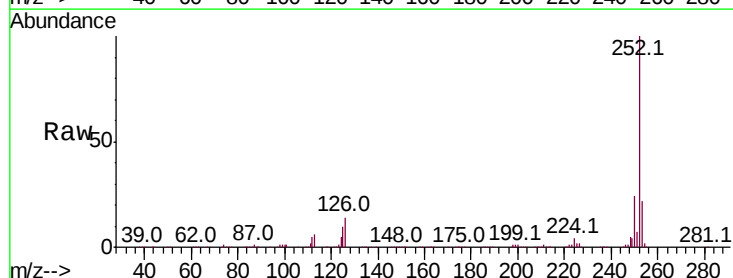
RT: 14.89 min Scan# 2134

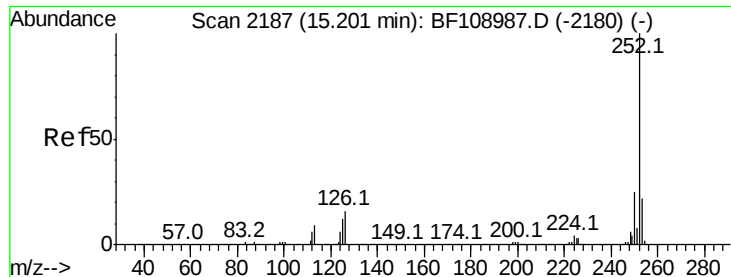
Delta R.T. -0.00 min

Lab File: BF109034.D

Acq: 15 Sep 2018 9:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	10.0	10.2	15.2#





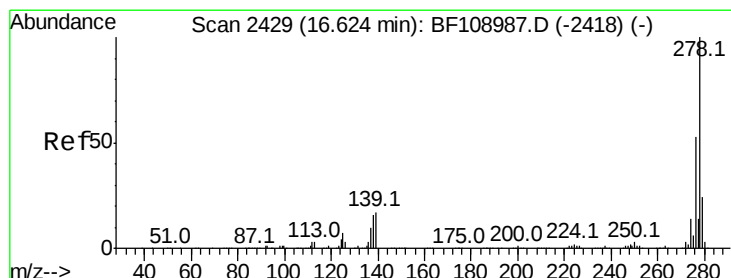
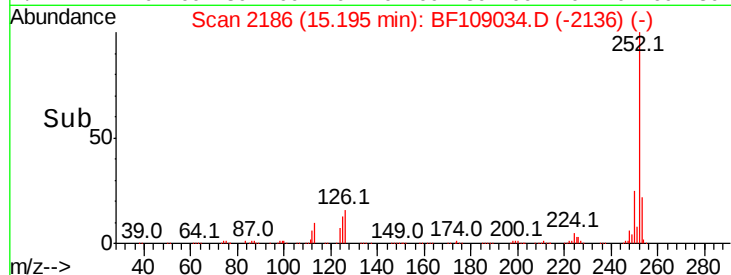
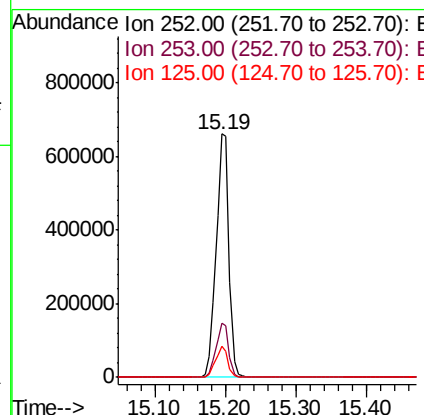
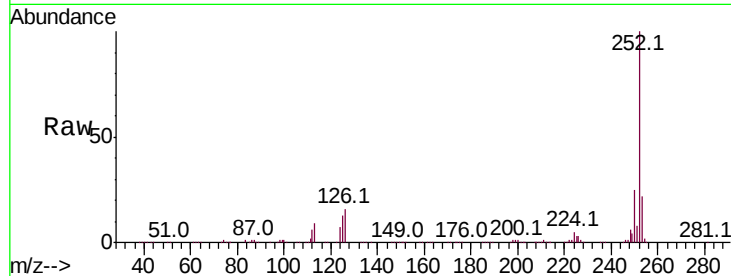
#89
Benzo(a)pyrene
Concen: 48.430 ng
RT: 15.19 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BF109034.D
Acq: 15 Sep 2018 9:34

Instrument :
BNA_F
ClientSampleId :
PB112873BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	22.1	17.1	25.7	
125	12.9	9.8	14.6	

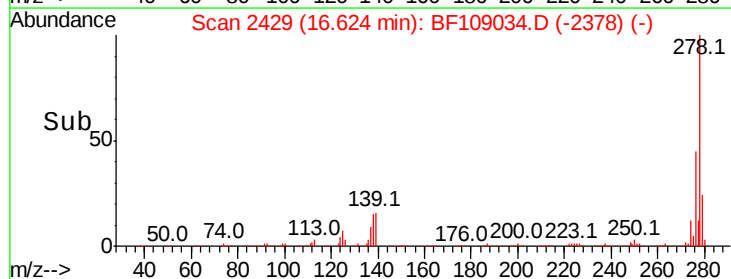
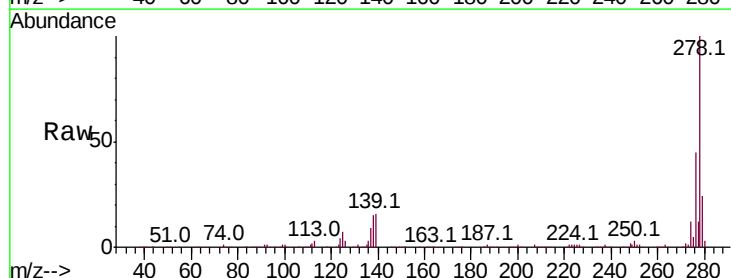
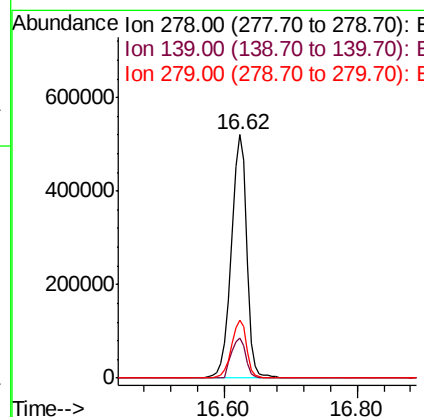
Manual Integrations
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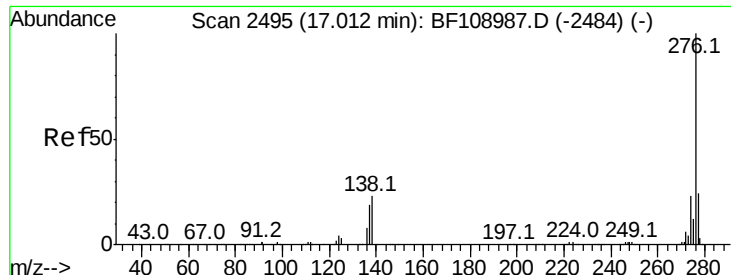
Sohil
9/17/2018 1:59:44 PM



#90
Dibenzo(a,h)anthracene
Concen: 59.246 ng
RT: 16.62 min Scan# 2429
Delta R.T. -0.00 min
Lab File: BF109034.D
Acq: 15 Sep 2018 9:34

Tgt Ion	Ratio	Resp	Lower	Upper
278	100			
139	16.5	15.9	23.9	
279	23.6	19.0	28.4	





#91
 Benzo(a,h,i)perylene
 Concen: 59.668 ng
 RT: 17.01 min Scan# 2495
 Delta R.T. -0.00 min
 Lab File: BF109034.D
 Acq: 15 Sep 2018 9:34

Instrument :
 BNA_F
 ClientSampleId :
 PB112873BS

Tot Ion:	276	Resp:	865271
Ion Ratio	Lower	Upper	
276	100		
277	24.0	17.9	26.9
138	22.7	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 9/17/2018 1:59:44 PM

