

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101918\
 Data File : BF110037.D
 Acq On : 20 Oct 2018 7:51
 Operator : JU/SJ
 Sample : PB113996BSD
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB113996BSD

Manual Integrations
 APPROVED

Sohil
 10/22/2018 2:55:59 PM

Quant Time: Oct 22 02:11:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	188706	20.00	ng	-0.01
21) Naphthalene-d8	8.26	136	737506	20.00	ng	-0.01
39) Acenaphthene-d10	10.02	164	328292	20.00	ng	-0.01
64) Phenanthrene-d10	11.50	188	541374	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	338518	20.00	ng	-0.01
87) Perylene-d12	15.67	264	283987	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	968612	81.36	ng	0.00
7) Phenol-d6	6.59	99	1223748	82.78	ng	-0.01
23) Nitrobenzene-d5	7.53	82	1093517	99.88	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	254511	89.55	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1886146	91.68	ng	0.00
79) Terphenyl-d14	13.09	244	1488406	92.33	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.95	88	172077	25.449	ng	91
3) Pyridine	3.69	79	508440	33.729	ng	86
4) n-Nitrosodimethylamine	3.66	42	247479	40.245	ng	99
6) Aniline	6.63	93	513538	25.778	ng	# 53
8) 2-Chlorophenol	6.76	128	530684	39.796	ng	99
9) Benzaldehyde	6.52	77	304217	31.668	ng	97
10) Phenol	6.60	94	624390	39.122	ng	# 65
11) bis(2-Chloroethyl)ether	6.70	93	490733	36.773	ng	93
12) 1,3-Dichlorobenzene	6.91	146	549742	37.596	ng	98
13) 1,4-Dichlorobenzene	6.99	146	559444	37.990	ng	98
14) 1,2-Dichlorobenzene	7.14	146	514546	37.944	ng	99
15) Benzyl Alcohol	7.11	79	450913	39.649	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.24	45	801173	36.578	ng	68
17) 2-Methylphenol	7.22	107	429087	39.904	ng	# 81
18) Hexachloroethane	7.48	117	196814	37.819	ng	94
19) n-Nitroso-di-n-propylamine	7.38	70	354458	37.345	ng	97
20) 3+4-Methylphenols	7.37	107	530838	38.902	ng	97
22) Acetophenone	7.38	105	699796	40.916	ng	# 98
24) Nitrobenzene	7.56	77	532638	44.785	ng	90
25) Isophorone	7.79	82	976475	45.392	ng	97
26) 2-Nitrophenol	7.87	139	255923	51.898	ng	94
27) 2,4-Dimethylphenol	7.90	122	483808	46.692	ng	97
28) bis(2-Chloroethoxy)methane	8.00	93	617471	41.824	ng	99
29) 2,4-Dichlorophenol	8.10	162	429379	42.717	ng	97
30) 1,2,4-Trichlorobenzene	8.19	180	453840	40.325	ng	96
31) Naphthalene	8.27	128	1464713	43.310	ng	99
32) Benzoic acid	8.01	122	244909	37.935	ng	92
33) 4-Chloroaniline	8.32	127	222854	14.659	ng	96
34) Hexachlorobutadiene	8.39	225	251201	40.476	ng	99
35) Caprolactam	8.70	113	149537m	41.889	ng	
36) 4-Chloro-3-methylphenol	8.80	107	449593	42.399	ng	96
37) 2-Methylnaphthalene	8.97	142	991586	45.280	ng	99
38) 1-Methylnaphthalene	9.07	142	931103	43.878	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	417981	41.336	ng	98

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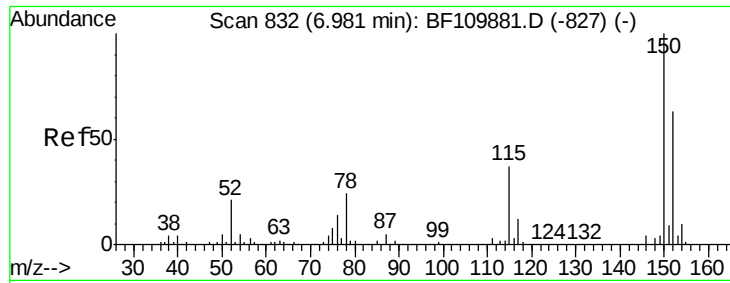
Manual Integrations
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 10/22/2018 2:55:59 PM

Quant Time: Oct 22 02:11:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	308061	63.121	ng	99
43) 2,4,6-Trichlorophenol	9.25	196	284455	44.989	ng	94
44) 2,4,5-Trichlorophenol	9.28	196	289997	44.192	ng	95
46) 1,1'-Biphenyl	9.43	154	1186961	40.581	ng	100
47) 2-Chloronaphthalene	9.46	162	888625	41.245	ng	99
48) 2-Nitroaniline	9.56	65	284050	51.374	ng	90
49) Acenaphthylene	9.88	152	1376665	43.984	ng	98
50) Dimethylphthalate	9.73	163	1040619	44.765	ng	100
51) 2,6-Dinitrotoluene	9.80	165	227441	51.513	ng #	84
52) Acenaphthene	10.05	154	866461	43.482	ng	99
53) 3-Nitroaniline	9.96	138	167896	31.261	ng	91
54) 2,4-Dinitrophenol	10.07	184	63874	49.264	ng	85
55) Dibenzofuran	10.22	168	1184602	41.684	ng	99
56) 4-Nitrophenol	10.12	139	451229	110.107	ng	97
57) 2,4-Dinitrotoluene	10.20	165	291490	51.857	ng	91
58) Fluorene	10.56	166	917863	44.369	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.33	232	232392	44.684	ng	96
60) Diethylphthalate	10.43	149	992545	43.230	ng	100
61) 4-Chlorophenyl-phenylether	10.55	204	440605	40.887	ng	97
62) 4-Nitroaniline	10.58	138	200838	39.503	ng	95
63) Azobenzene	10.72	77	946240	39.450	ng	95
65) 4,6-Dinitro-2-methylphenol	10.60	198	55313	31.463	ng	95
66) n-Nitrosodiphenylamine	10.67	169	823459	45.669	ng	96
67) 4-Bromophenyl-phenylether	11.05	248	266790	45.472	ng	95
68) Hexachlorobenzene	11.11	284	265908	42.501	ng #	91
69) Atrazine	11.20	200	268139	47.608	ng	99
70) Pentachlorophenol	11.30	266	223924	62.890	ng	95
71) Phenanthrene	11.53	178	1252753	44.698	ng	99
72) Anthracene	11.58	178	1276822	45.313	ng	100
73) Carbazole	11.73	167	1081247	39.045	ng	99
74) Di-n-butylphthalate	12.06	149	1429183	46.244	ng	99
75) Fluoranthene	12.72	202	1131898	40.427	ng	100
77) Benzidine	12.84	184	594217	45.782	ng	97
78) Pyrene	12.95	202	1090315	43.853	ng	99
80) Butylbenzylphthalate	13.56	149	505920	50.331	ng	98
81) Benzo(a)anthracene	14.14	228	921468	46.213	ng	99
82) 3,3'-Dichlorobenzidine	14.10	252	239578	34.272	ng	99
83) Chrysene	14.17	228	855993	45.101	ng	99
84) Bis(2-ethylhexyl)phthalate	14.11	149	704663	53.276	ng	96
85) Di-n-octyl phthalate	14.73	149	1107874	59.412	ng	99
86) Indeno(1,2,3-cd)pyrene	17.23	276	658934	43.120	ng #	95
88) Benzo(b)fluoranthene	15.22	252	797375	48.702	ng	97
89) Benzo(k)fluoranthene	15.25	252	746828	46.279	ng	97
90) Benzo(a)pyrene	15.60	252	713924	47.411	ng	97
91) Dibenzo(a,h)anthracene	17.24	278	553820	41.501	ng	97
92) Benzo(g,h,i)perylene	17.70	276	524383	38.892	ng	97

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



#1

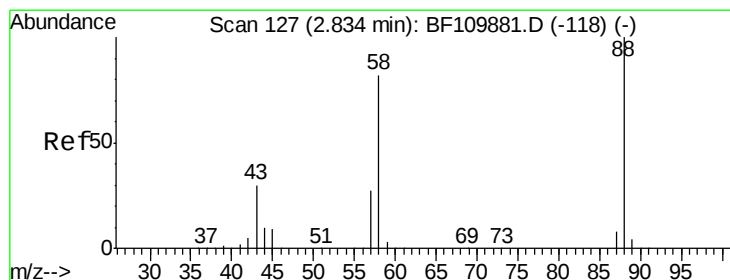
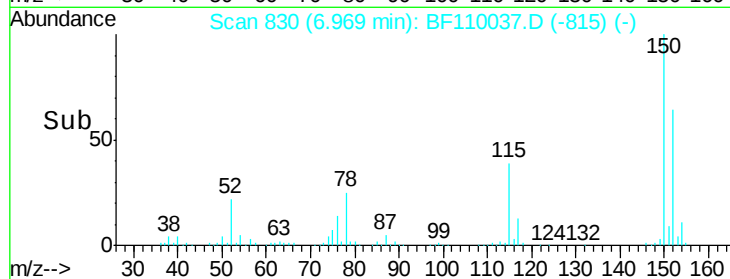
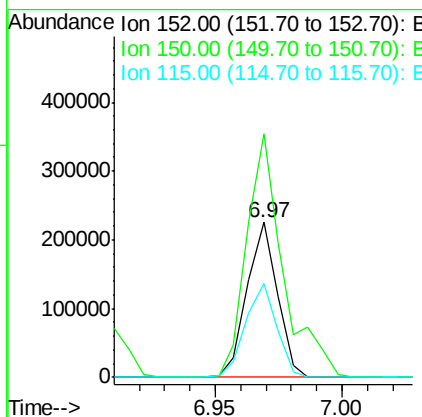
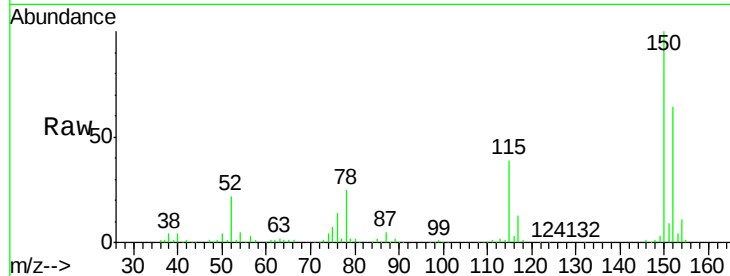
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110037.D
Acq: 20 Oct 2018 7:51

Instrument :
BNA_F
ClientSampleId :
PB113996BSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.3	122.7	184.1
115	60.7	49.1	73.7

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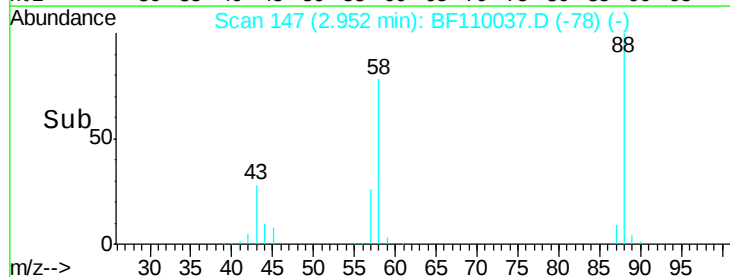
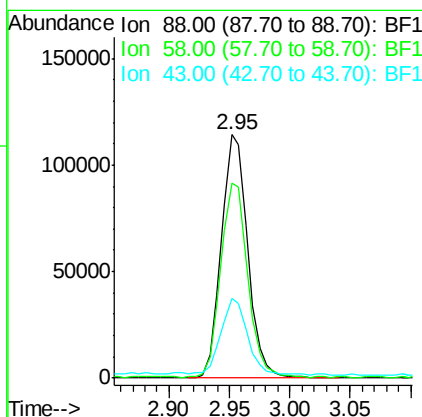
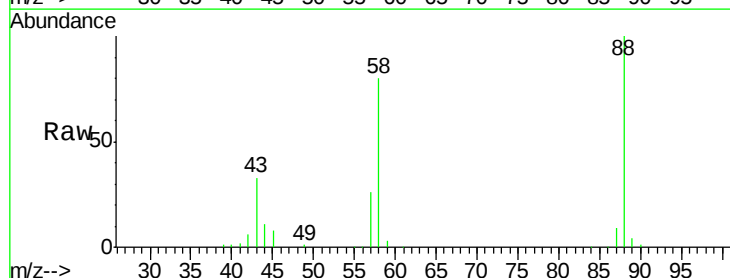
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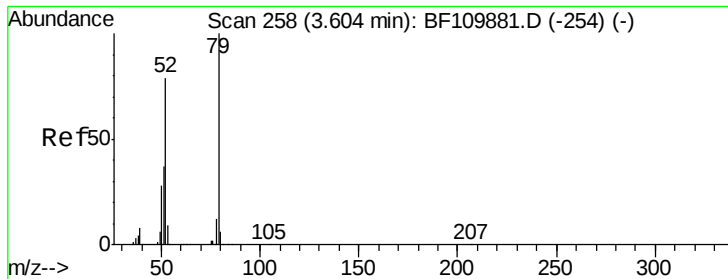


#2

1,4-Dioxane
Concen: 25.449 ng
RT: 2.95 min Scan# 147
Delta R.T. 0.11 min
Lab File: BF110037.D
Acq: 20 Oct 2018 7:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.4	57.1	85.7
43	31.4	24.1	36.1





#3

Pyridine

Concen: 33.729 ng

RT: 3.69 min Scan# 273

Delta R.T. 0.08 min

Lab File: BF110037.D

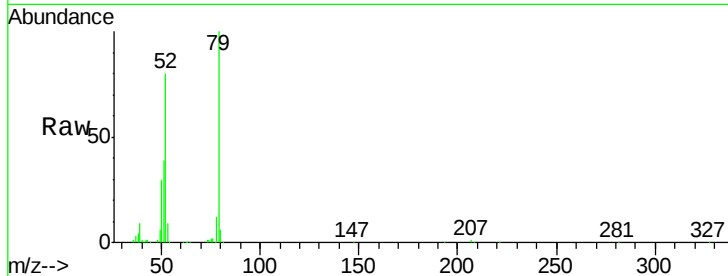
Acq: 20 Oct 2018 7:51

Instrument :

BNA_F

ClientSampleId :

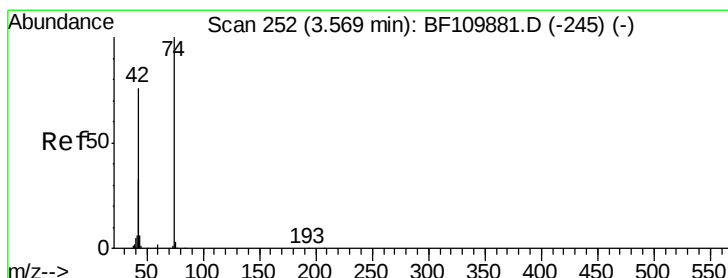
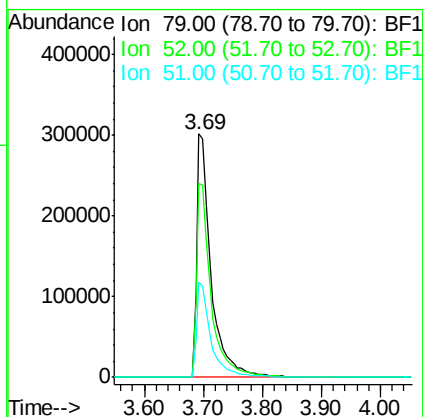
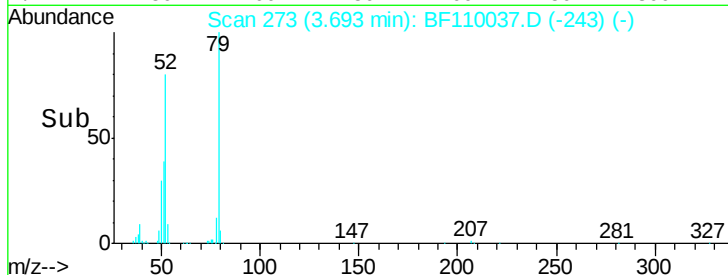
PB113996BSD



Tgt Ion:	79	Resp:	508440
Ion Ratio		Lower	Upper
79	100		
52	79.5	53.1	79.7
51	39.3	27.4	41.2

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#4

n-Nitrosodimethylamine

Concen: 40.245 ng

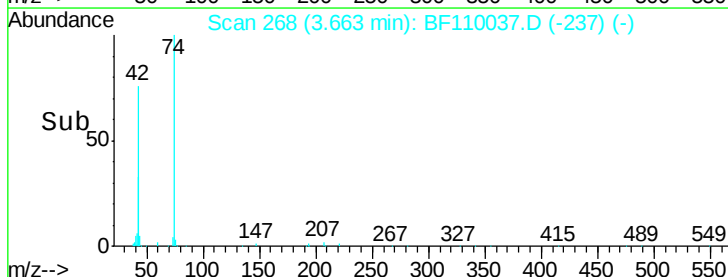
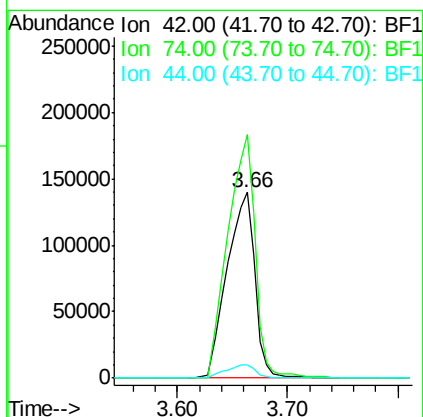
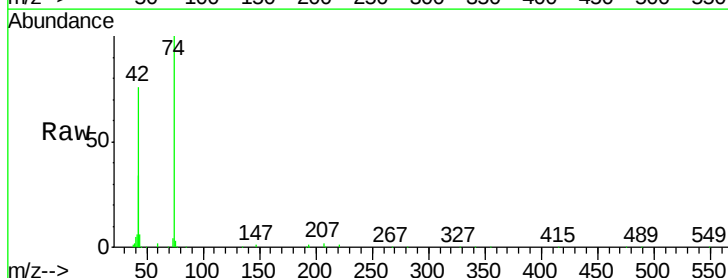
RT: 3.66 min Scan# 268

Delta R.T. 0.08 min

Lab File: BF110037.D

Acq: 20 Oct 2018 7:51

Tgt Ion:	42	Resp:	247479
Ion Ratio		Lower	Upper
42	100		
74	131.2	105.5	158.3
44	7.3	4.9	7.3





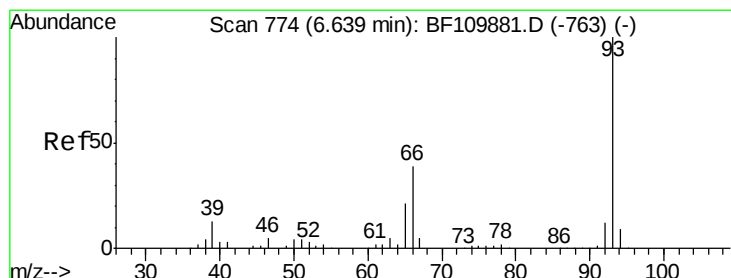
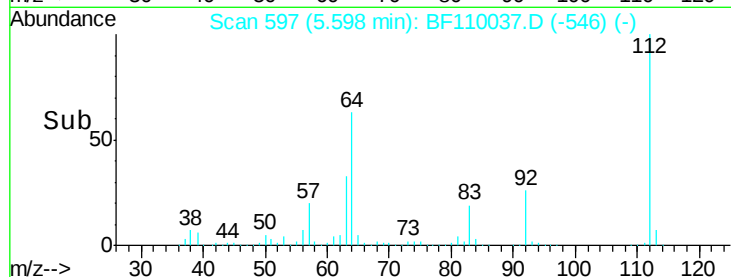
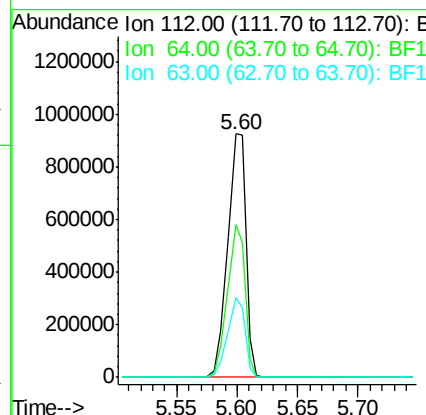
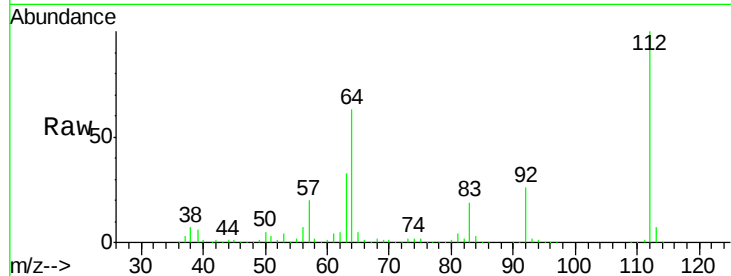
#5
2-Fluorophenol
Concen: 81.364 ng
RT: 5.60 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF110037.D
Acq: 20 Oct 2018 7:51

Instrument :
BNA_F
ClientSampleId :
PB113996BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	62.6	44.1	66.1
63	32.6	23.7	35.5

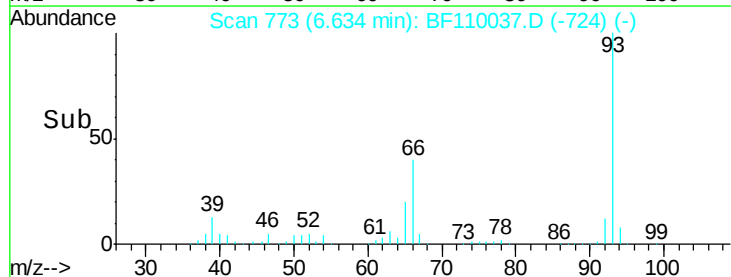
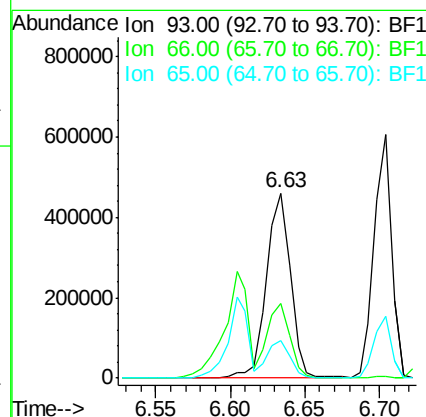
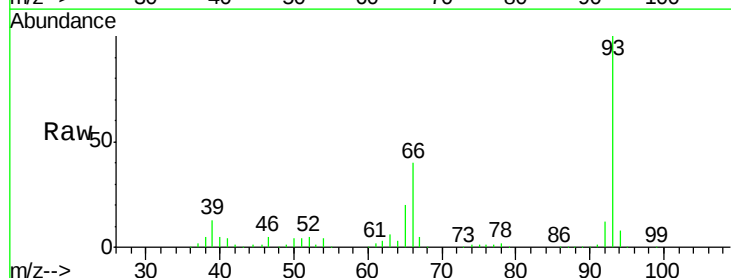
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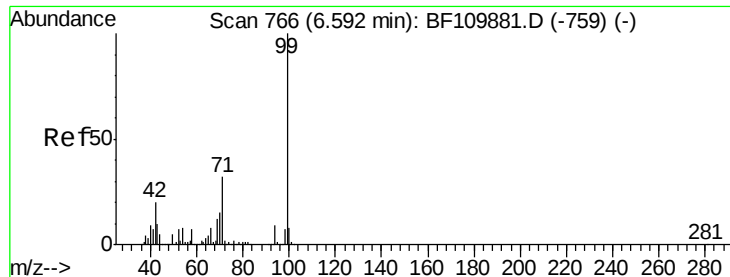
Sohil
10/22/2018 2:55:59 PM



#6
Aniline
Concen: 25.778 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF110037.D
Acq: 20 Oct 2018 7:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	40.3	67.4	101.0#
65	20.2	41.0	61.4#





#7

Phenol-d6

Concen: 82.783 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110037.D

Acq: 20 Oct 2018 7:51

Instrument :

BNA_F

ClientSampleId :

PB113996BSD

Tgt Ion: 99 Resp: 1223748

Ion Ratio Lower Upper

99 100

42 19.3 15.8 23.6

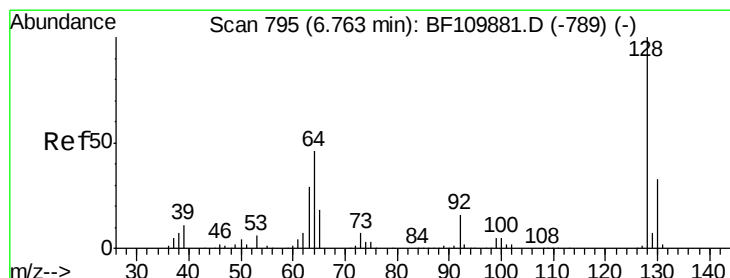
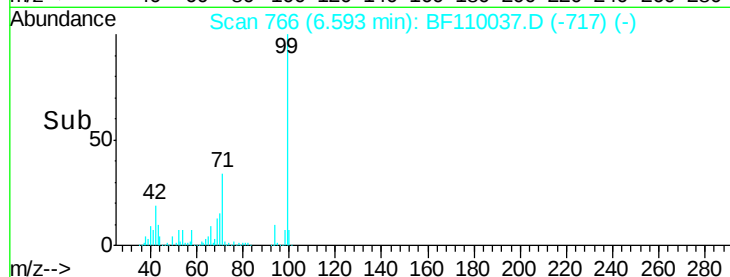
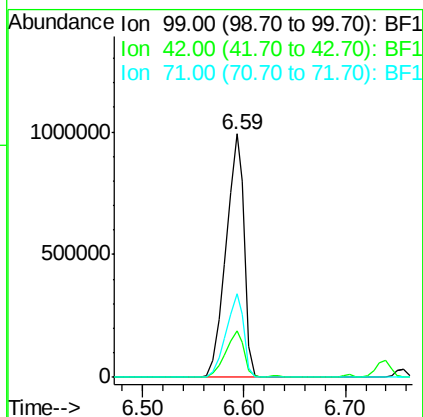
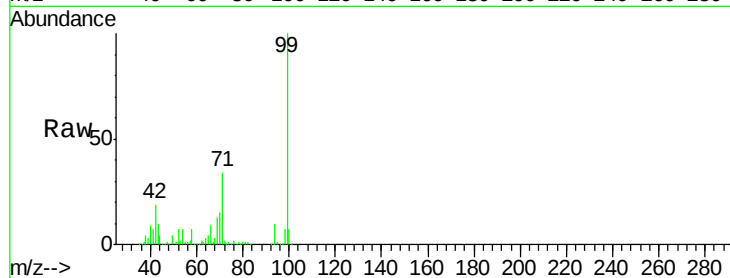
71 34.3 28.0 42.0

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#8

2-Chlorophenol

Concen: 39.796 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.01 min

Lab File: BF110037.D

Acq: 20 Oct 2018 7:51

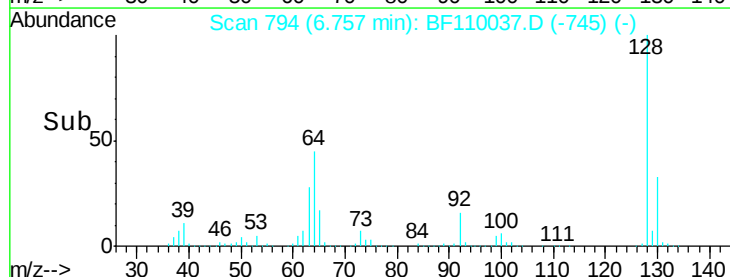
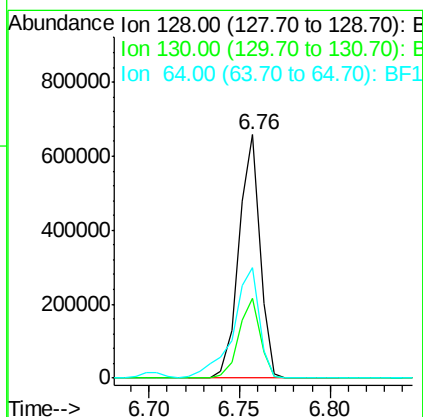
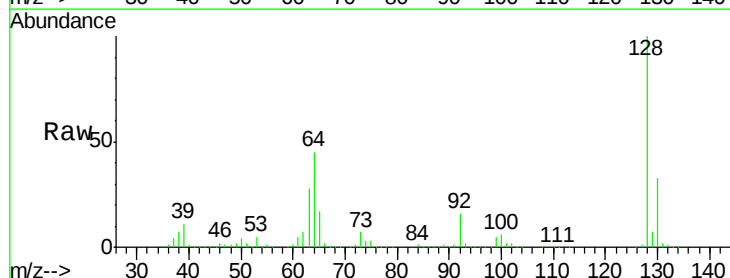
Tgt Ion: 128 Resp: 530684

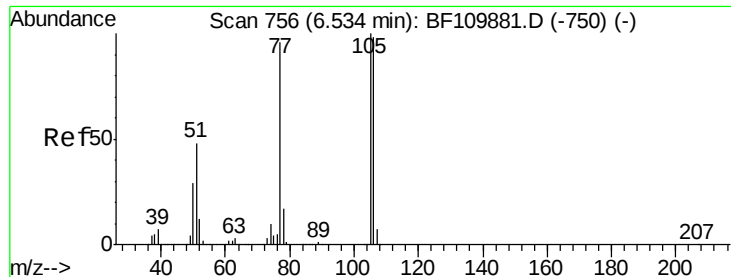
Ion Ratio Lower Upper

128 100

130 32.8 13.1 53.1

64 45.4 26.0 66.0





#9

Benzaldehyde

Concen: 31.668 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF110037.D

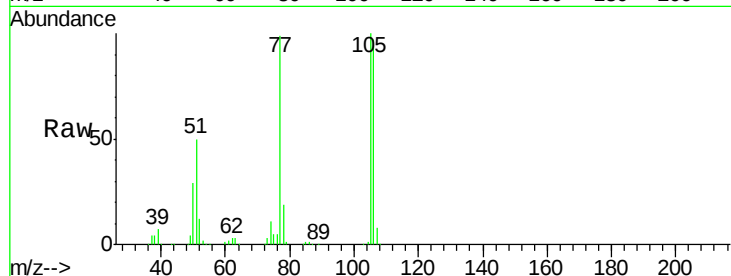
Acq: 20 Oct 2018 7:51

Instrument :

BNA_F

ClientSampleId :

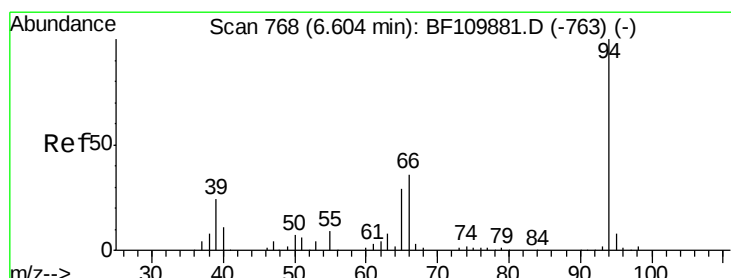
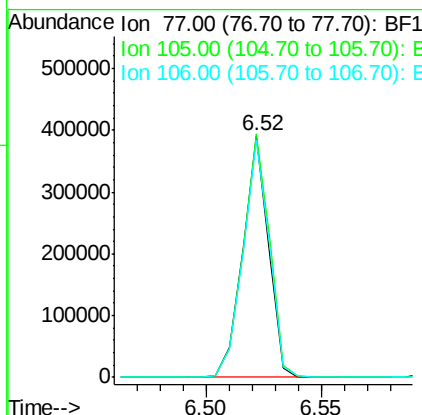
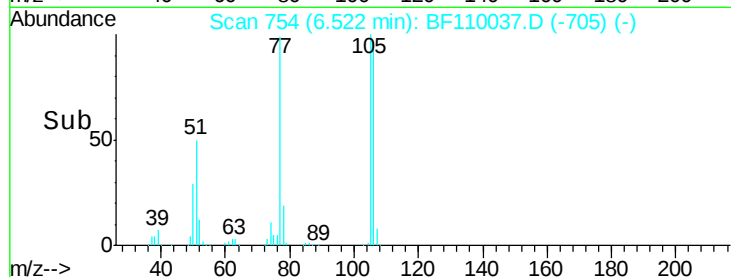
PB113996BSD



Tgt Ion:	77	Resp:	304217
Ion Ratio	Lower	Upper	
77	100		
105	100.9	78.6	118.6
106	98.2	74.8	114.8

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#10

Phenol

Concen: 39.122 ng

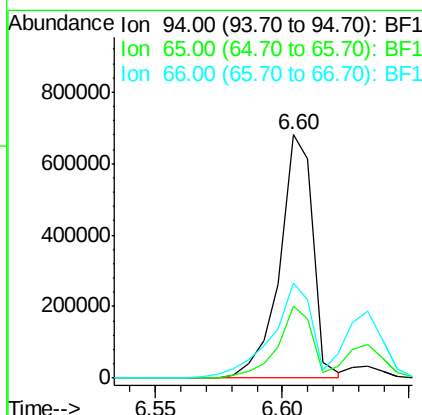
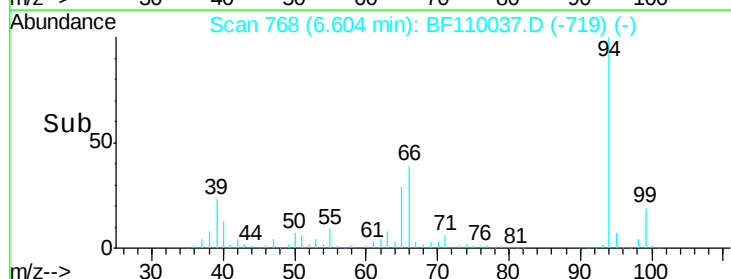
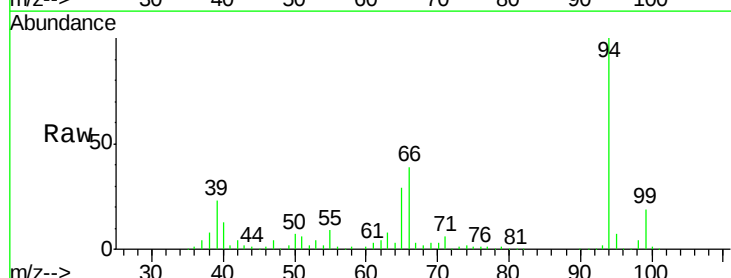
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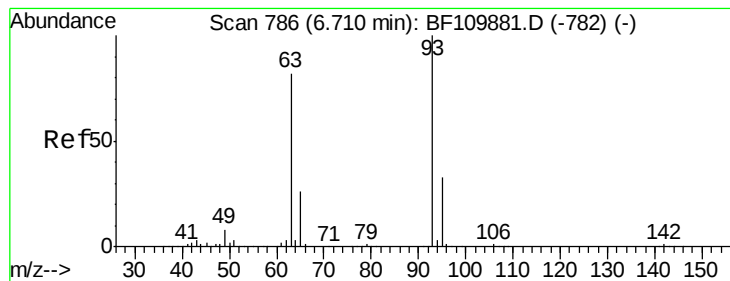
Delta R.T. -0.01 min

Lab File: BF110037.D

Acq: 20 Oct 2018 7:51

Tgt Ion:	94	Resp:	624390
Ion Ratio	Lower	Upper	
94	100		
65	29.4	25.3	65.3
66	39.2	54.5	94.5#





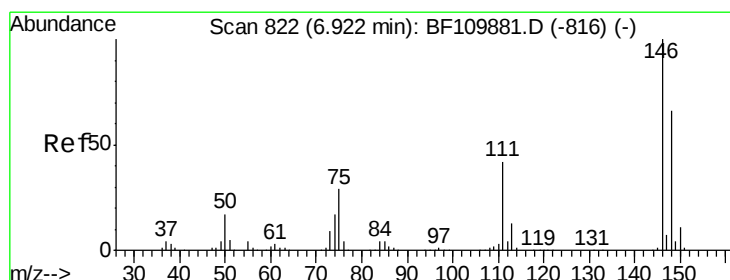
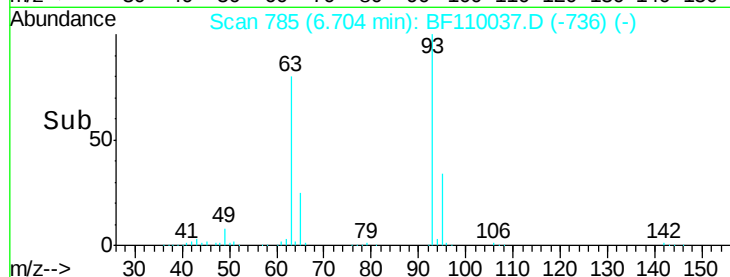
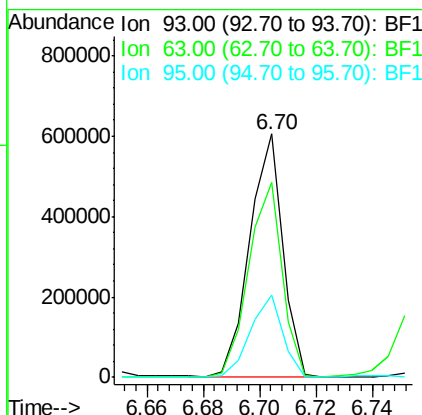
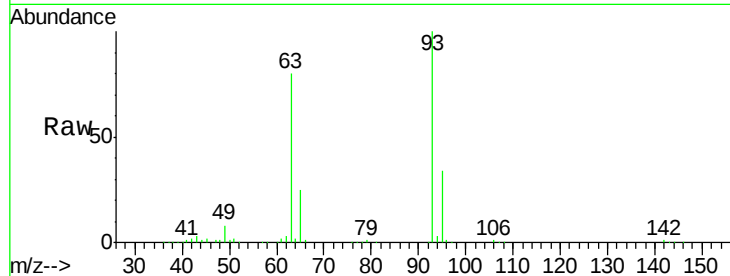
#11
 bis(2-Chloroethyl)ether
 Concen: 36.773 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF110037.D
 Acq: 20 Oct 2018 7:51

Instrument :
 BNA_F
 ClientSampleId :
 PB113996BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
63	80.3	53.4	93.4
95	33.8	12.1	52.1

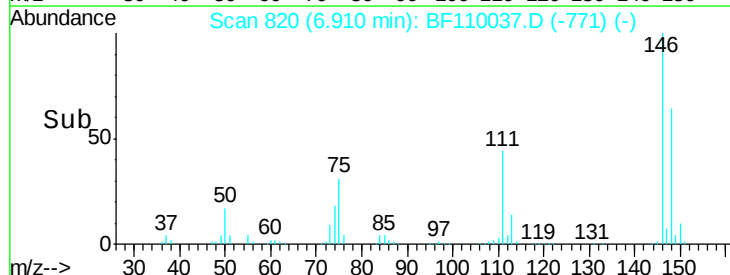
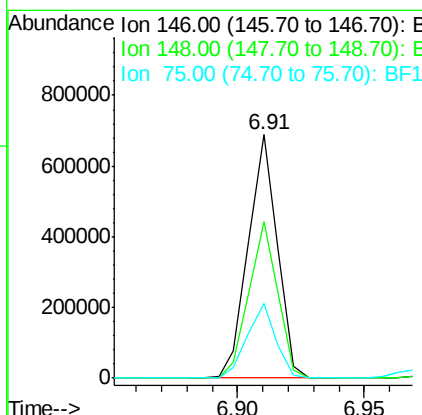
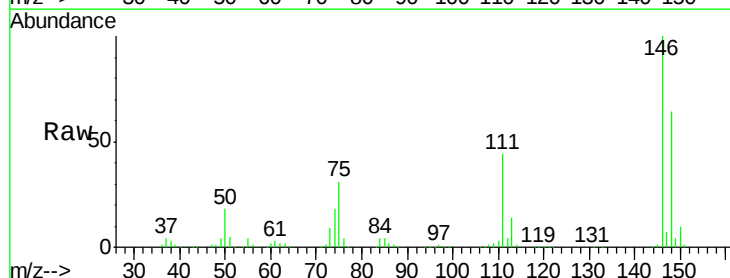
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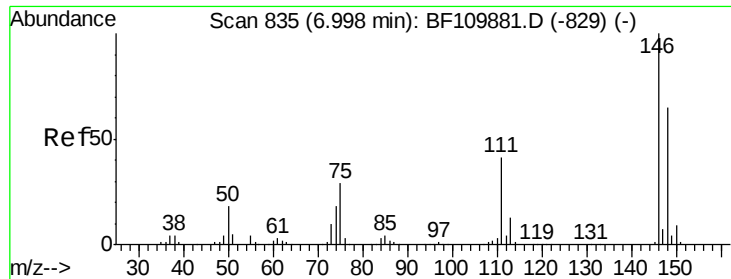
Sohil
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#12
 1,3-Dichlorobenzene
 Concen: 37.596 ng
 RT: 6.91 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF110037.D
 Acq: 20 Oct 2018 7:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	64.4	50.4	75.6
75	30.8	25.8	38.6





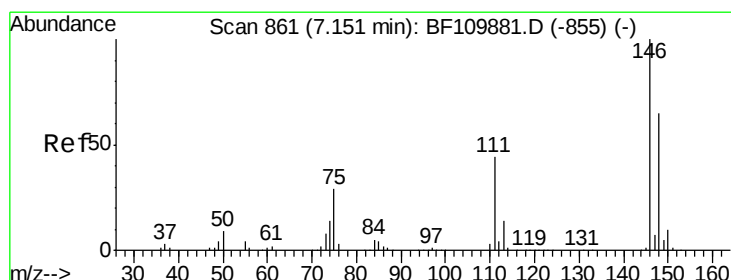
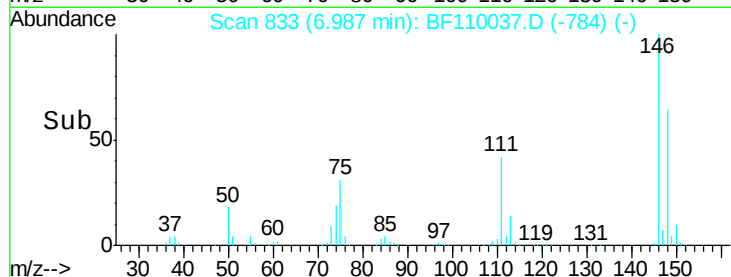
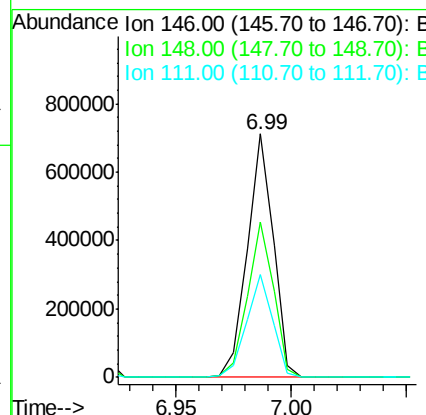
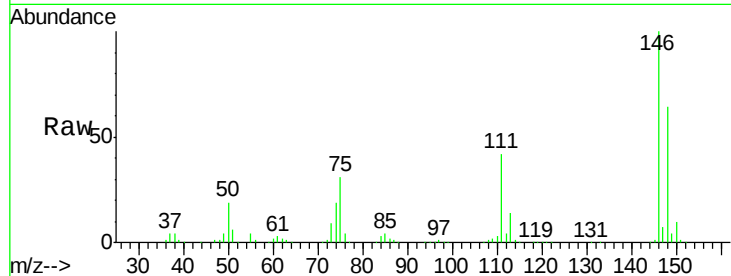
#13
 1,4-Dichlorobenzene
 Concen: 37.990 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF110037.D
 Acq: 20 Oct 2018 7:51

Instrument :
 BNA_F
 ClientSampleId :
 PB113996BSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.3	75.5
111	42.1	32.7	49.1

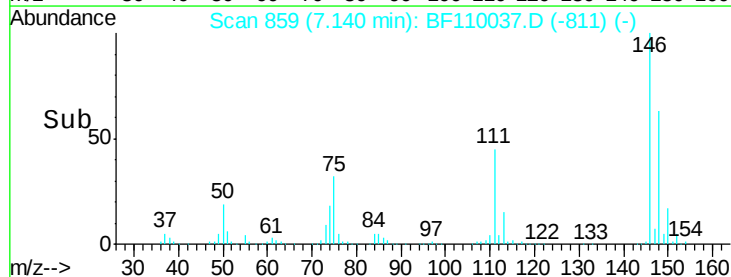
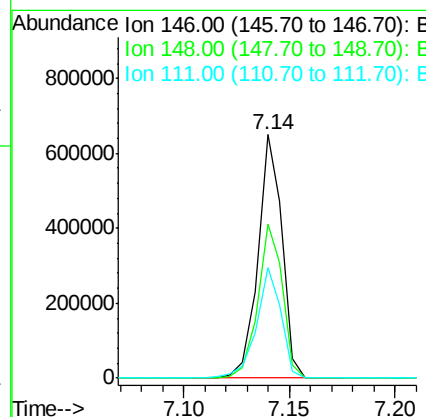
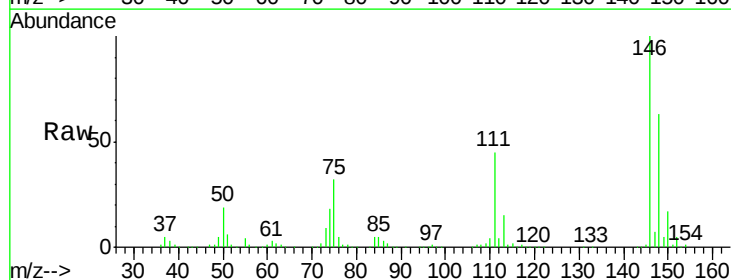
Manual Integrations
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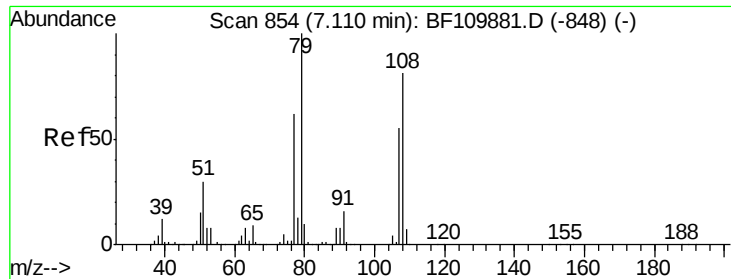
Sohil
 10/22/2018 2:55:59 PM



#14
 1,2-Dichlorobenzene
 Concen: 37.944 ng
 RT: 7.14 min Scan# 859
 Delta R.T. -0.02 min
 Lab File: BF110037.D
 Acq: 20 Oct 2018 7:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.1	76.7
111	45.5	35.8	53.6





#15

Benzyl Alcohol

Concen: 39.649 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF110037.D

Acq: 20 Oct 2018 7:51

Instrument :

BNA_F

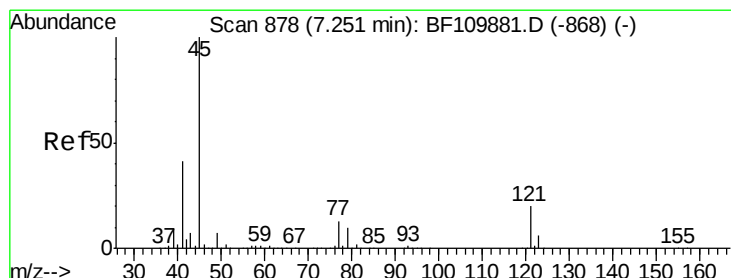
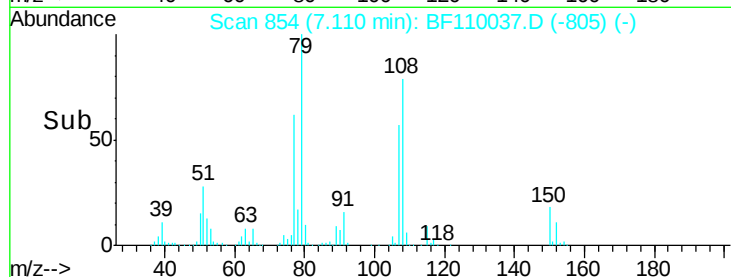
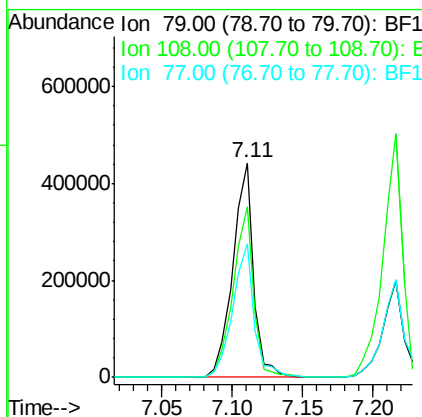
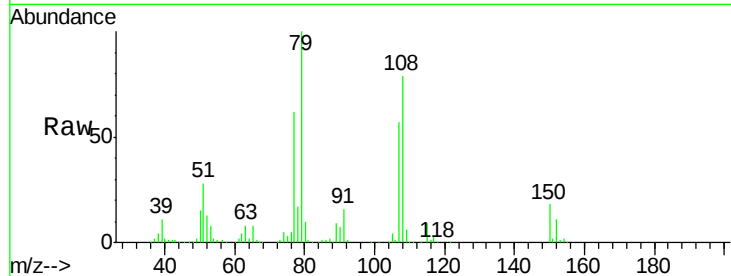
ClientSampleId :

PB113996BSD

Tgt Ion:	79	Resp:	450913
Ion Ratio	Lower	Upper	
79	100		
108	79.4	56.3	84.5
77	62.3	52.9	79.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.578 ng

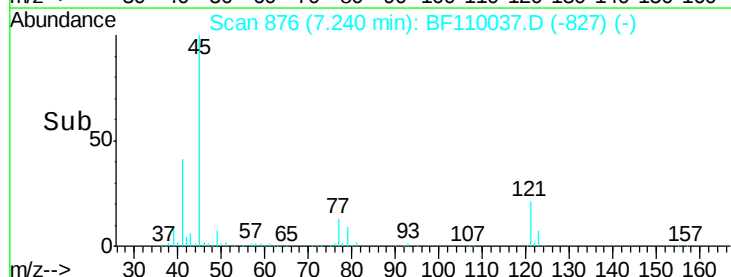
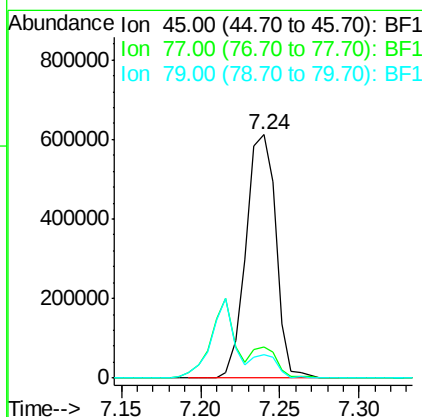
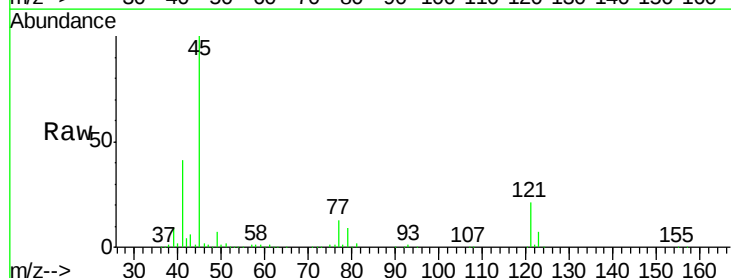
RT: 7.24 min Scan# 876

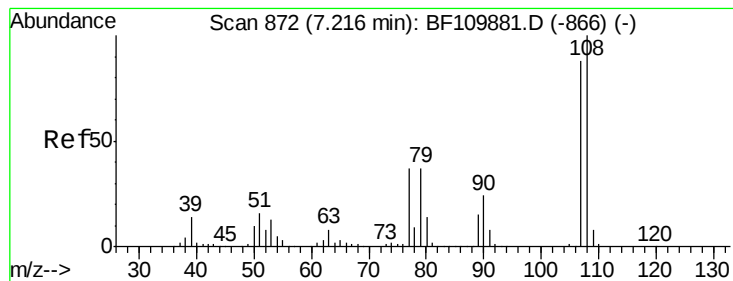
Delta R.T. -0.01 min

Lab File: BF110037.D

Acq: 20 Oct 2018 7:51

Tgt Ion:	45	Resp:	801173
Ion Ratio	Lower	Upper	
45	100		
77	12.6	10.0	50.0
79	9.4	6.1	46.1





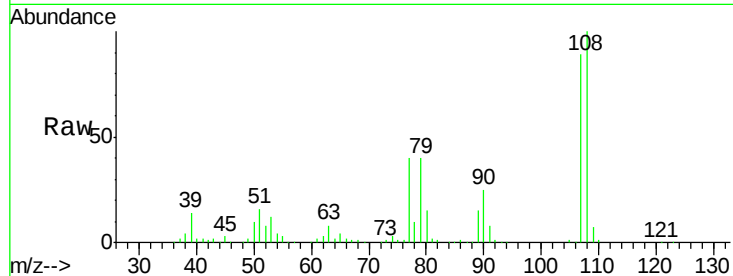
#17
2-Methylphenol
Concen: 39.904 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF110037.D
Acq: 20 Oct 2018 7:51

Instrument :
BNA_F
ClientSampleId :
PB113996BSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	429087		
108	112.4	92.6	138.8	
77	45.2	59.4	89.2#	
79	44.6	54.0	81.0#	

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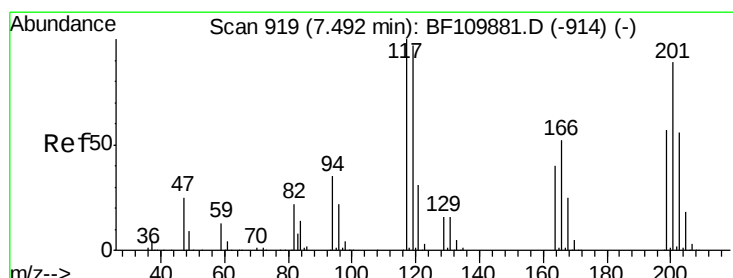
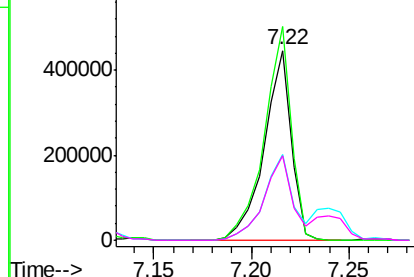
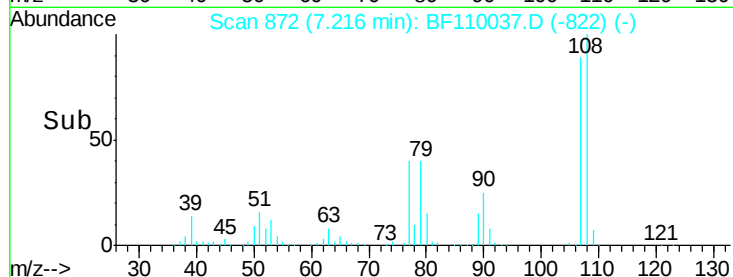
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

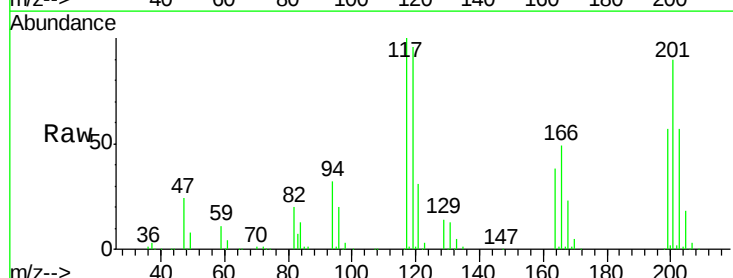
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 37.819 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.02 min
Lab File: BF110037.D
Acq: 20 Oct 2018 7:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	196814		
119	96.1	75.0	112.6	
201	89.8	79.2	118.8	

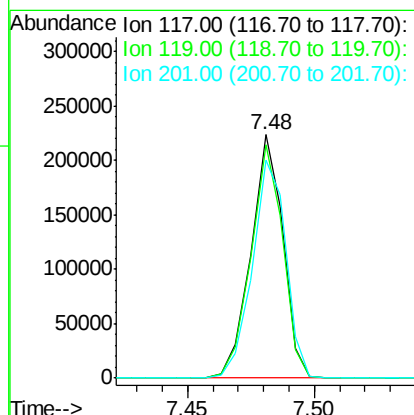
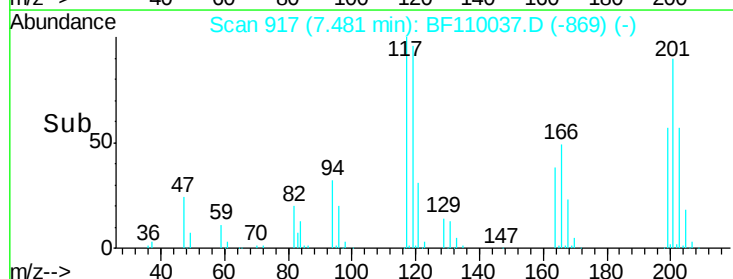


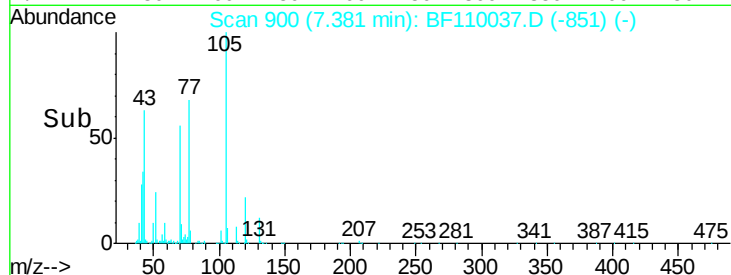
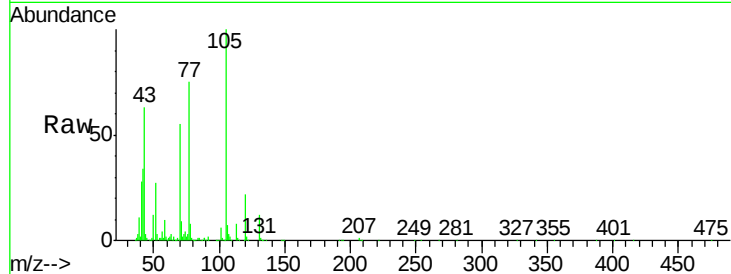
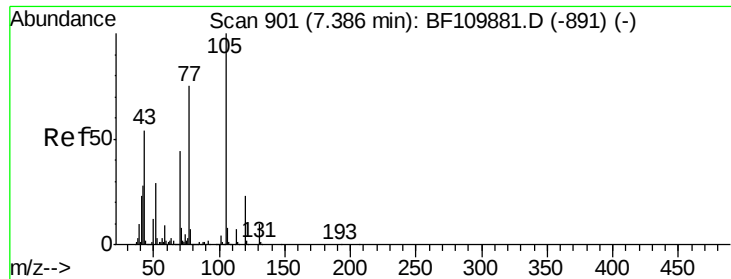
Abundance

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





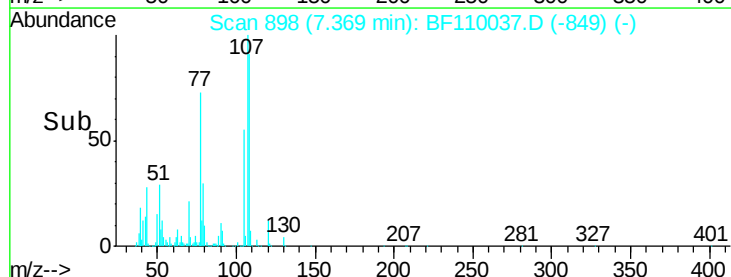
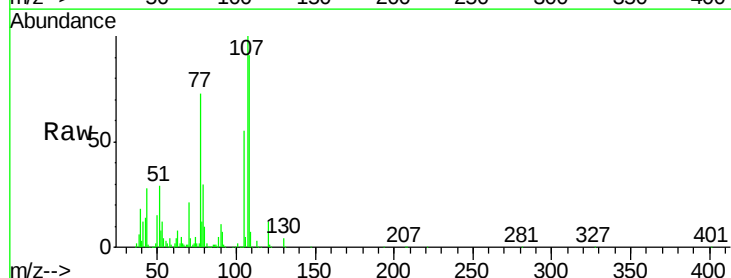
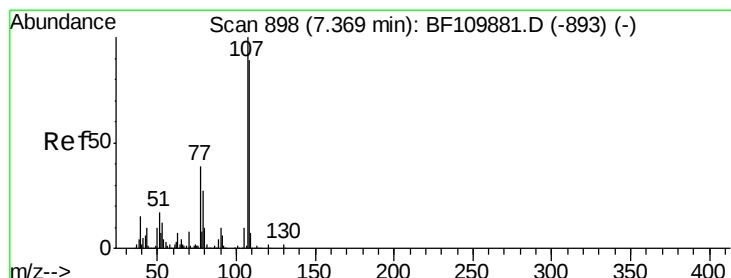
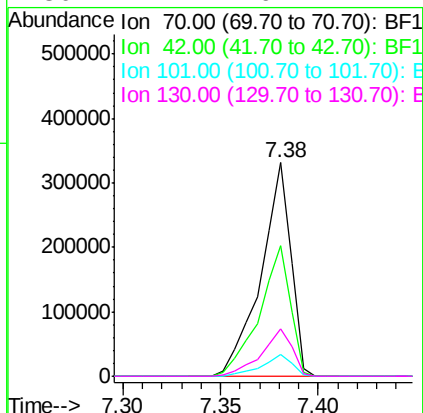
#19
n-Nitroso-di-n-propylamine
Concen: 37.345 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF110037.D
Acq: 20 Oct 2018 7:51

Instrument :
BNA_F
ClientSampleId :
PB113996BSD

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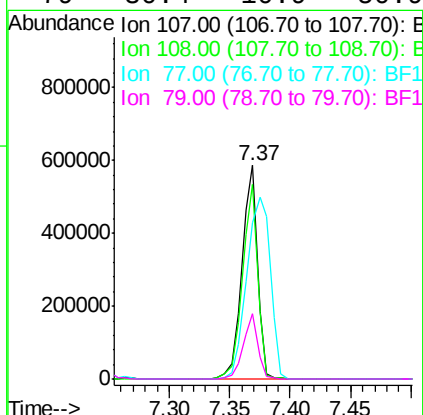
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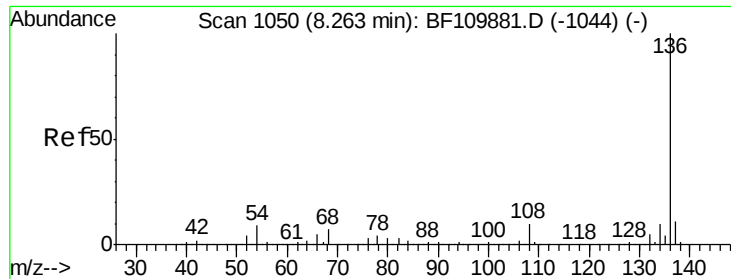
Tgt Ion	Ratio	Lower	Upper
70	100		
42	61.3	47.4	71.2
101	9.9	7.3	10.9
130	22.2	16.2	24.2



#20
3+4-Methylphenols
Concen: 38.902 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF110037.D
Acq: 20 Oct 2018 7:51

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.9	71.4	111.4
77	73.3	47.3	87.3
79	30.4	10.9	50.9





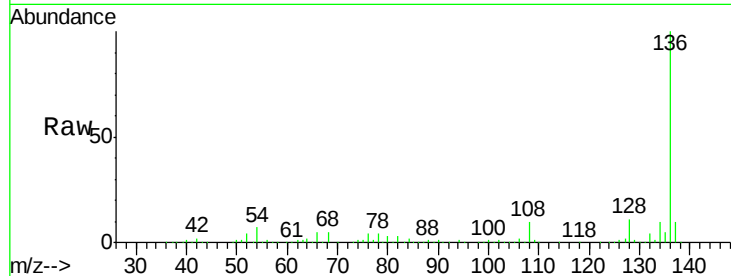
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF110037.D
Acq: 20 Oct 2018 7:51

Instrument :
BNA_F
ClientSampleId :
PB113996BSD

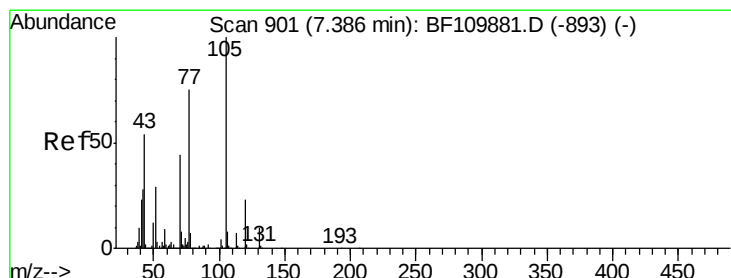
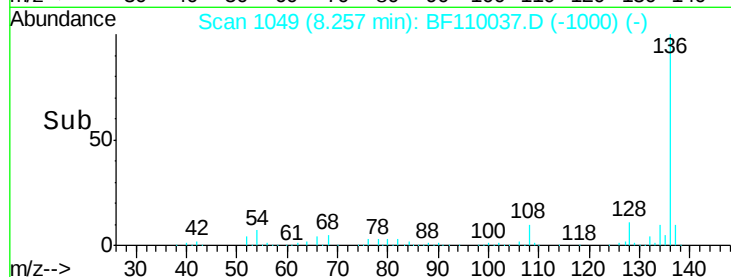
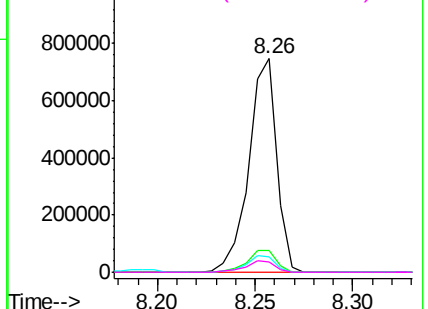
Tgt Ion	Ratio	Resp Lower	Upper
136	100		
137	10.5	8.8	13.2
54	7.2	5.4	8.2
68	5.1	4.2	6.2

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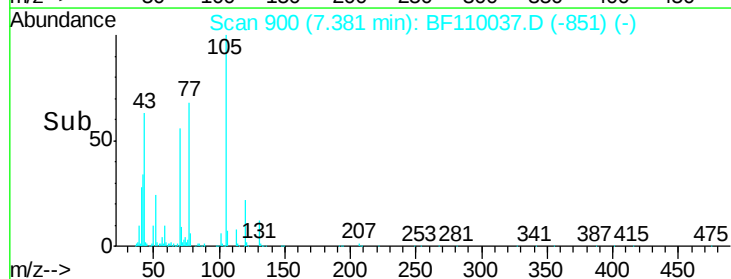
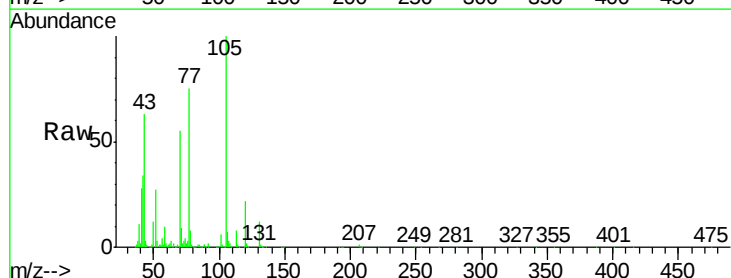
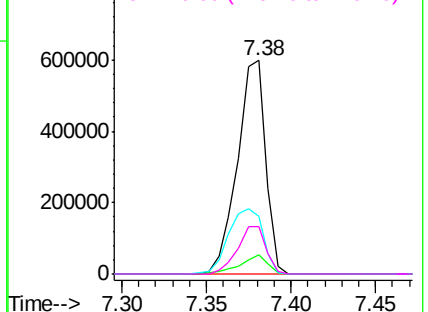
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

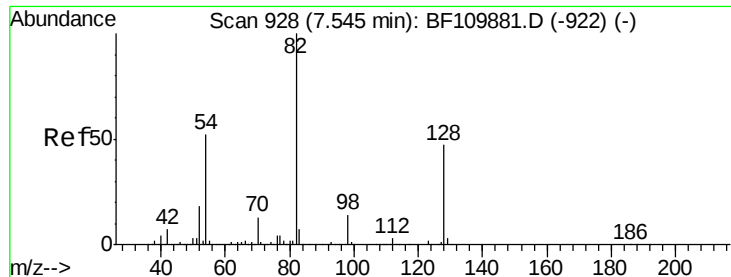


#22
Acetophenone
Concen: 40.916 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF110037.D
Acq: 20 Oct 2018 7:51

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	9.3	5.2	7.8#
51	27.1	21.8	32.8
120	22.3	17.0	25.4

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





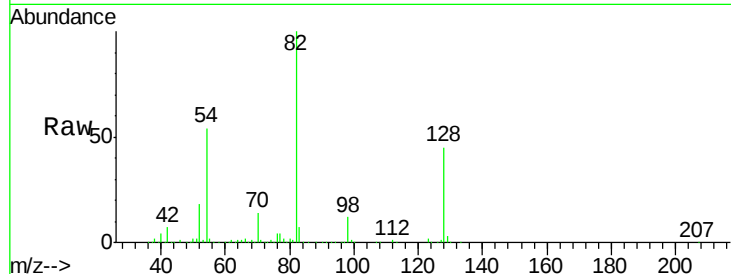
#23
 Nitrobenzene-d5
 Concen: 99.882 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.02 min
 Lab File: BF110037.D
 Acq: 20 Oct 2018 7:51

Instrument :
 BNA_F
 ClientSampleId :
 PB113996BSD

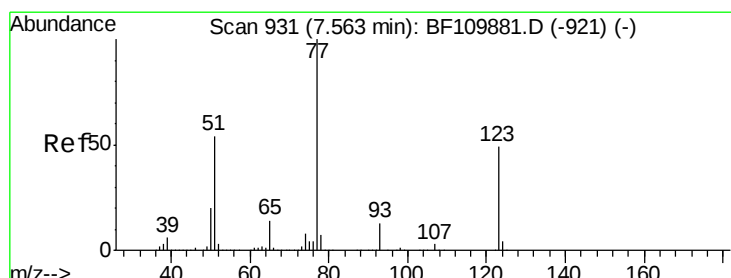
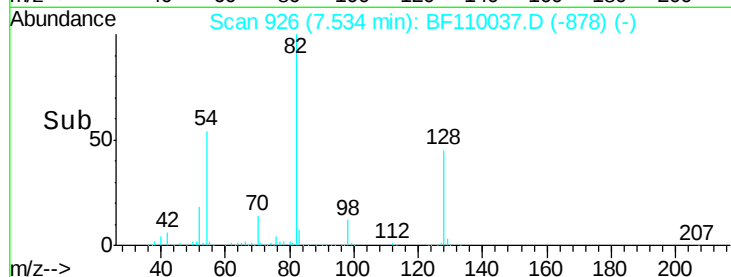
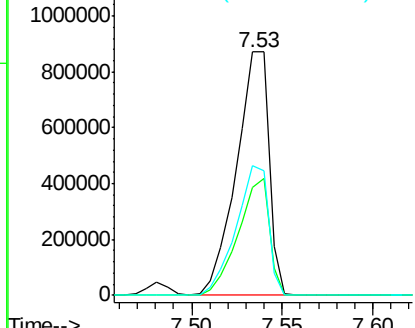
Tgt Ion: 82 Resp: 1093517
 Ion Ratio Lower Upper
 82 100
 128 44.5 34.2 51.2
 54 53.5 38.6 58.0

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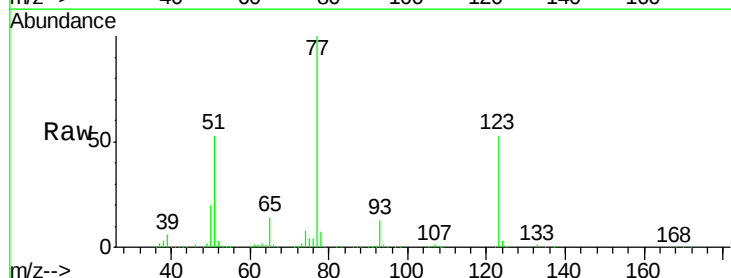


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

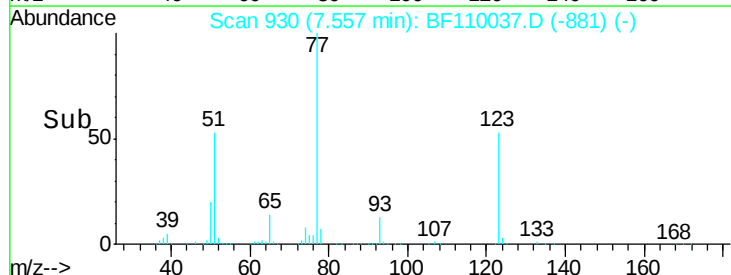
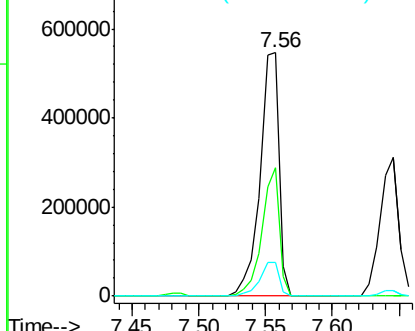


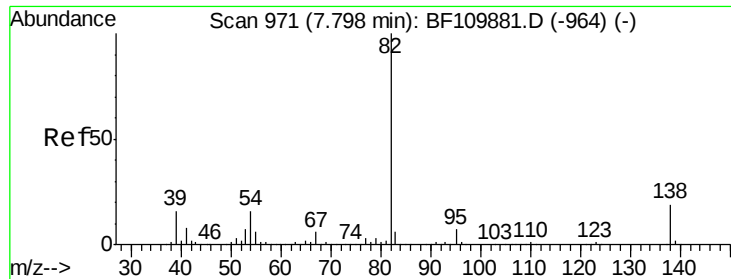
#24
 Nitrobenzene
 Concen: 44.785 ng
 RT: 7.56 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BF110037.D
 Acq: 20 Oct 2018 7:51

Tgt Ion: 77 Resp: 532638
 Ion Ratio Lower Upper
 77 100
 123 52.8 35.7 53.5
 65 13.8 10.7 16.1



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 45.392 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.02 min

Lab File: BF110037.D

Acq: 20 Oct 2018 7:51

Instrument :

BNA_F

ClientSampleId :

PB113996BSD

Tgt Ion: 82 Resp: 976475

Ion Ratio Lower Upper

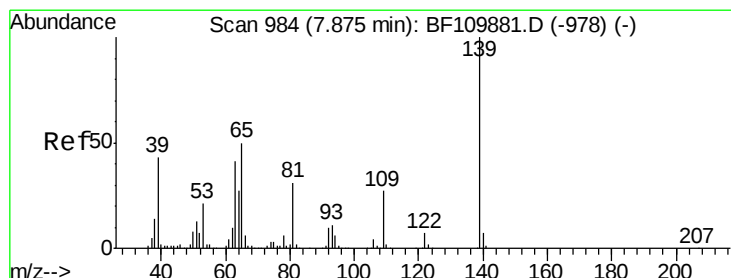
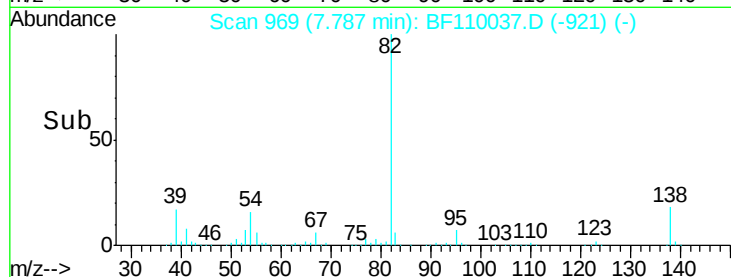
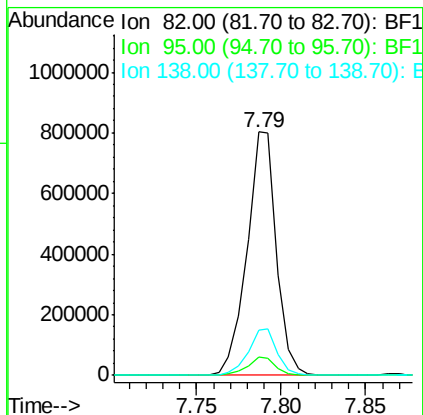
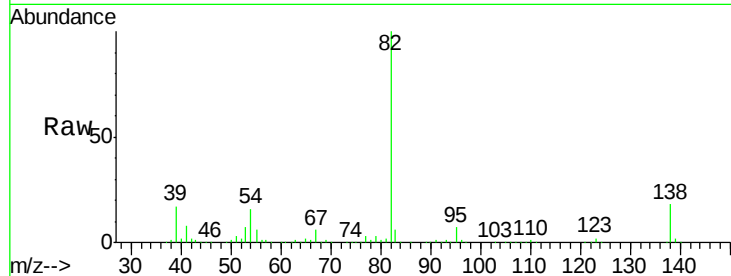
82 100

95 7.4 5.7 8.5

138 18.3 13.2 19.8

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#26

2-Nitrophenol

Concen: 51.898 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF110037.D

Acq: 20 Oct 2018 7:51

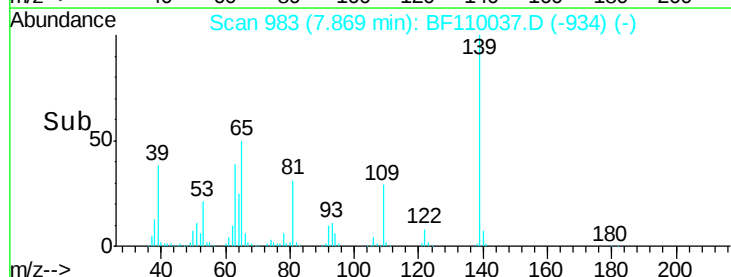
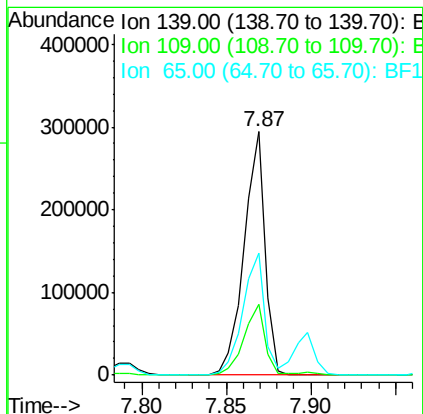
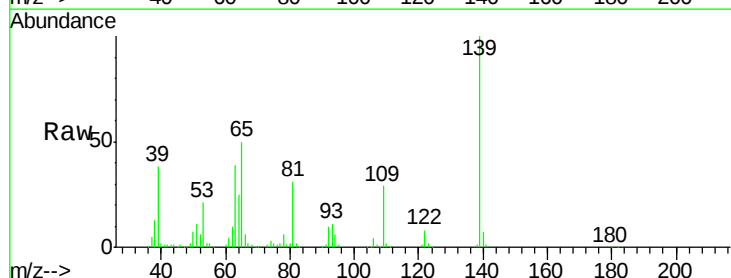
Tgt Ion: 139 Resp: 255923

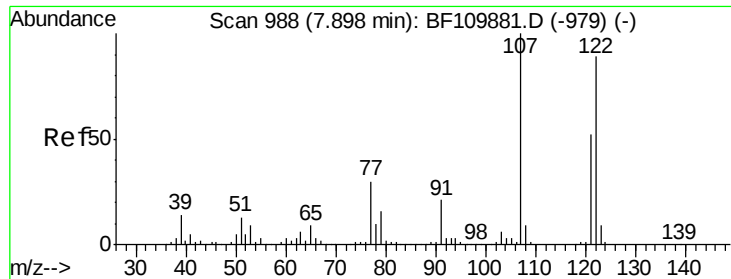
Ion Ratio Lower Upper

139 100

109 28.8 25.0 37.6

65 49.9 44.0 66.0





#27

2,4-Dimethylphenol

Concen: 46.692 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF110037.D

Acq: 20 Oct 2018 7:51

Instrument :

BNA_F

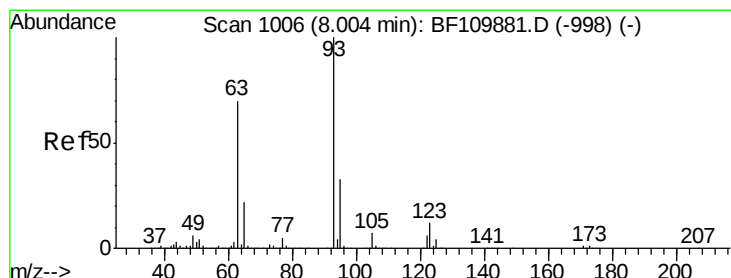
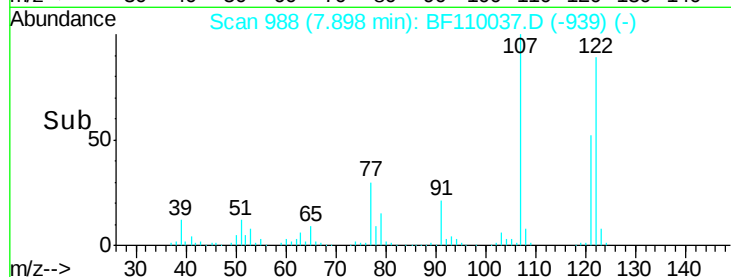
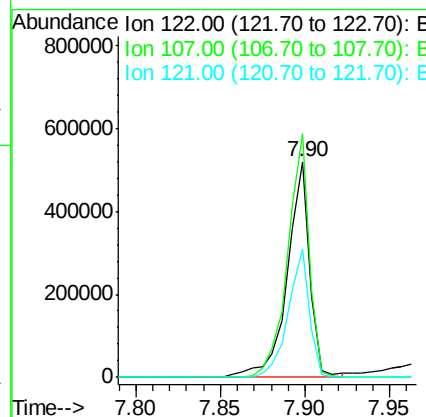
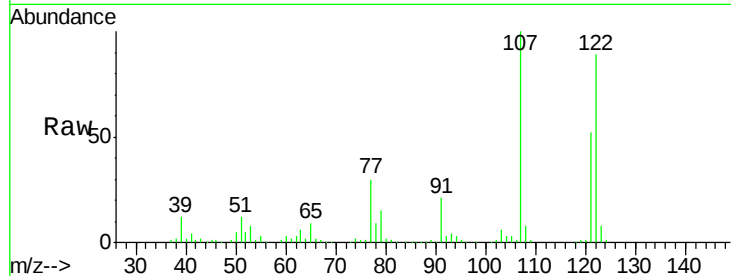
ClientSampleId :

PB113996BSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	483808		
107	112.9	92.5	138.7	
121	59.2	45.8	68.8	

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#28

bis(2-Chloroethoxy)methane

Concen: 41.824 ng

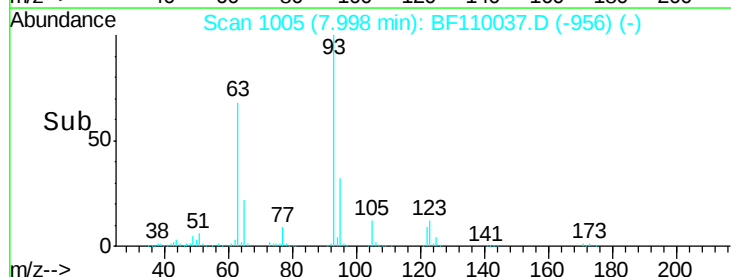
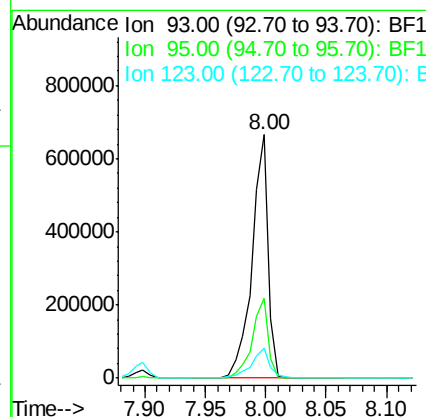
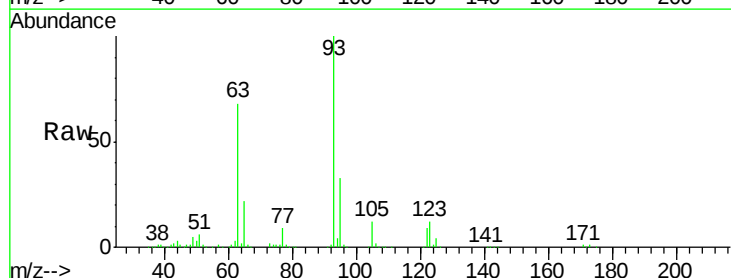
RT: 8.00 min Scan# 1005

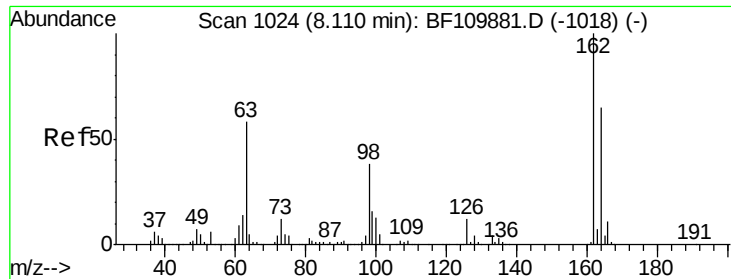
Delta R.T. -0.01 min

Lab File: BF110037.D

Acq: 20 Oct 2018 7:51

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	617471		
95	32.5	26.4	39.6	
123	12.2	9.0	13.6	





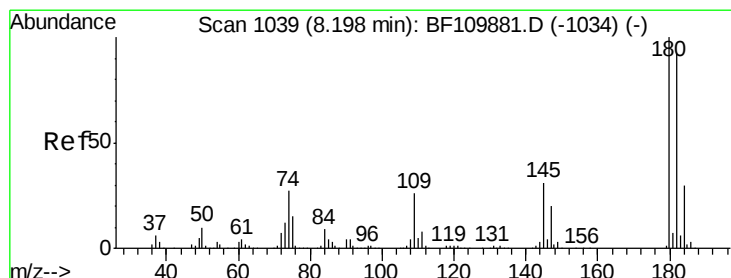
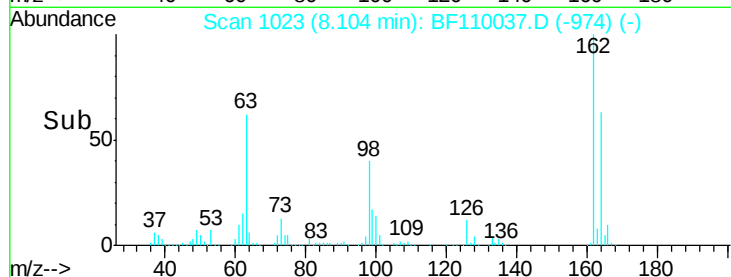
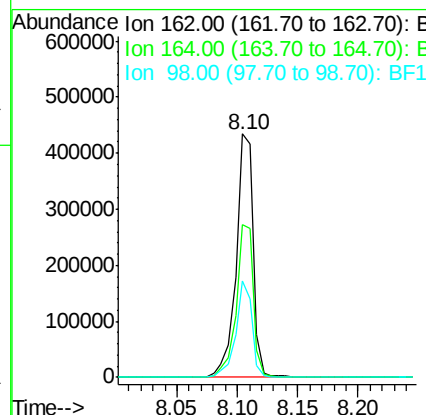
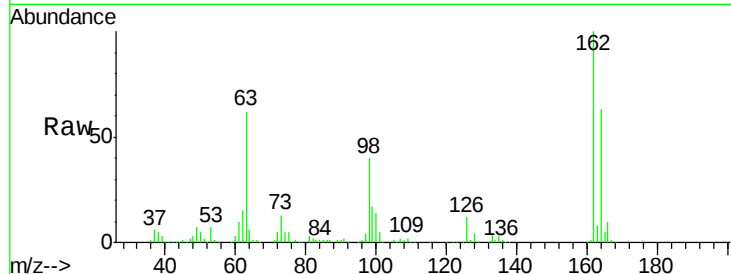
#29
2,4-Dichlorophenol
Concen: 42.717 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF110037.D
Acq: 20 Oct 2018 7:51

Instrument :
BNA_F
ClientSampleId :
PB113996BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	62.8	44.6	84.6
98	39.8	17.4	57.4

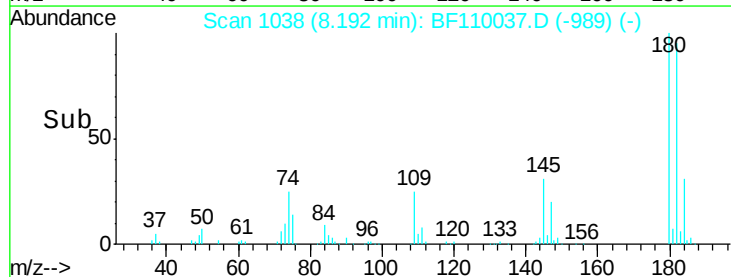
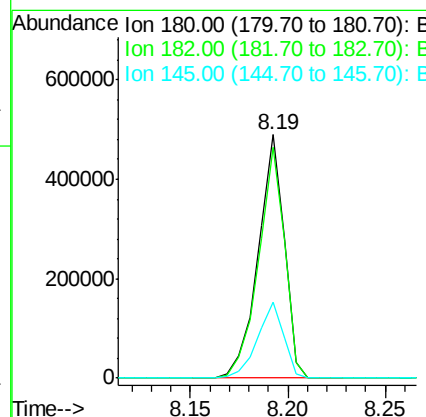
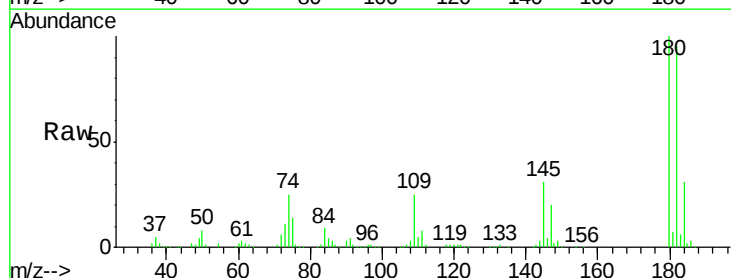
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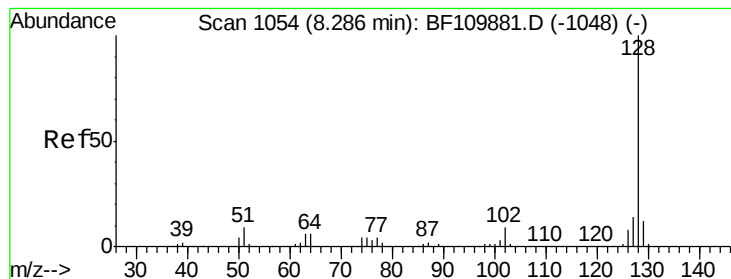
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 40.325 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF110037.D
Acq: 20 Oct 2018 7:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.0	80.3	120.5
145	31.2	25.4	38.0





#31

Naphthalene

Concen: 43.310 ng

RT: 8.27 min Scan# 1052

Delta R.T. -0.02 min

Lab File: BF110037.D

Acq: 20 Oct 2018 7:51

Instrument :

BNA_F

ClientSampleId :

PB113996BSD

Tgt Ion:128 Resp: 1464713

Ion Ratio Lower Upper

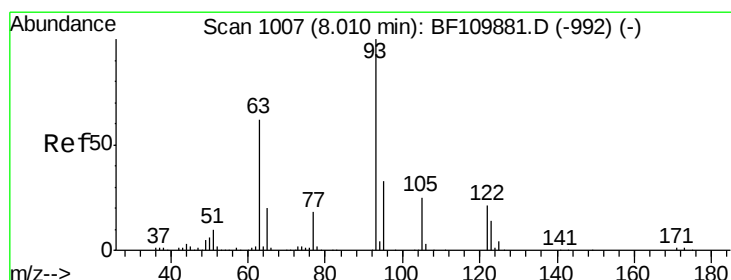
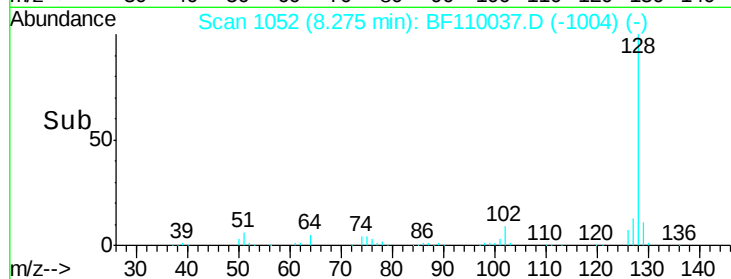
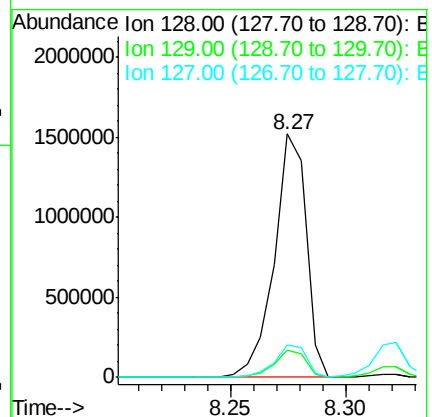
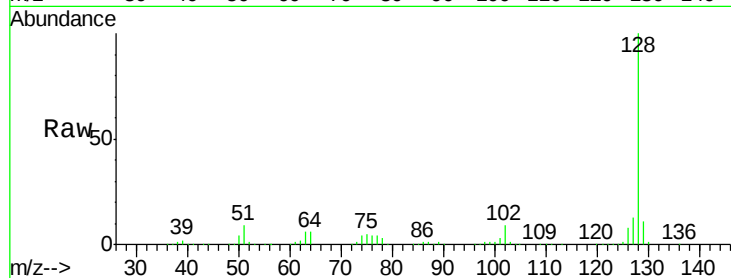
128 100

129 11.5 8.8 13.2

127 13.4 10.8 16.2

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#32

Benzoic acid

Concen: 37.935 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BF110037.D

Acq: 20 Oct 2018 7:51

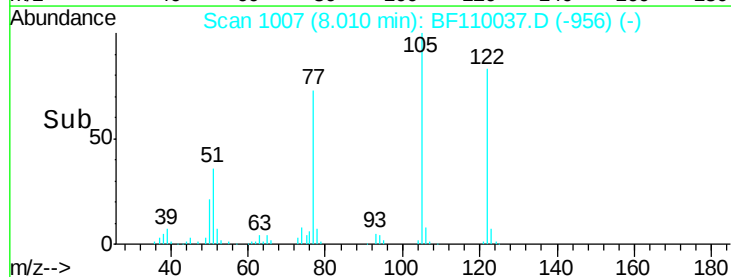
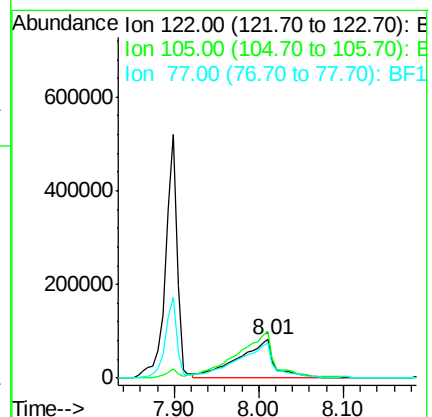
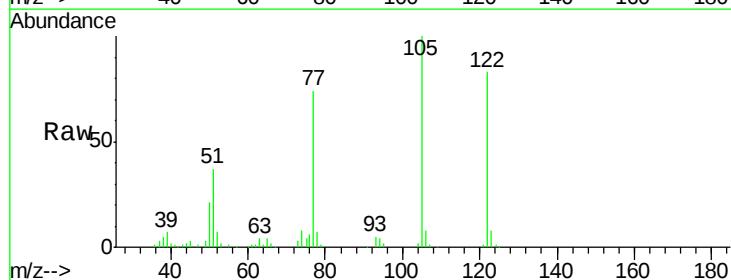
Tgt Ion:122 Resp: 244909

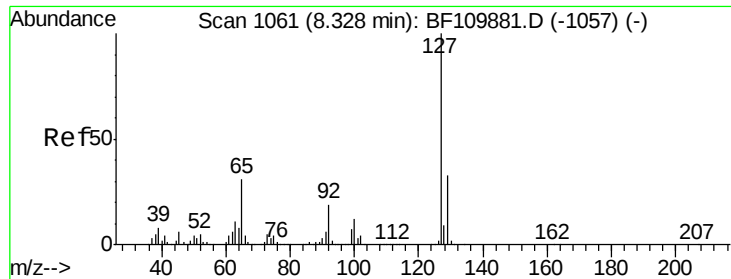
Ion Ratio Lower Upper

122 100

105 120.8 109.0 149.0

77 89.2 79.0 119.0





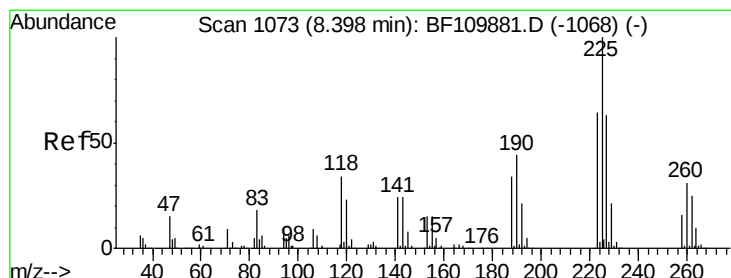
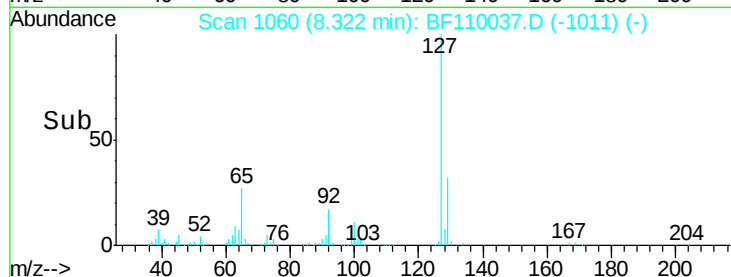
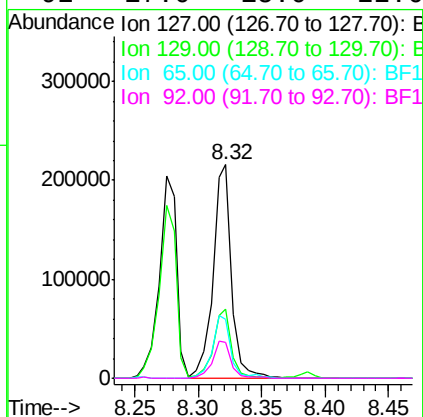
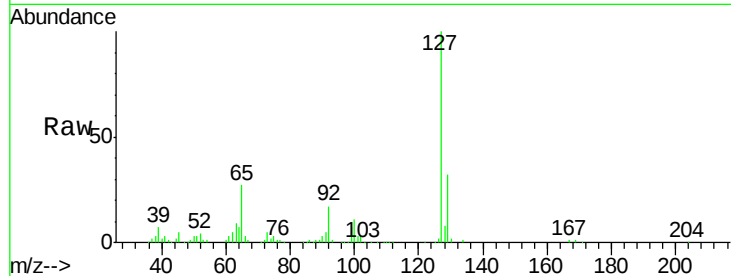
#33
 4-Chloroaniline
 Concen: 14.659 ng
 RT: 8.32 min Scan# 1060
 Delta R.T. -0.01 min
 Lab File: BF110037.D
 Acq: 20 Oct 2018 7:51

Instrument :
 BNA_F
 ClientSampleId :
 PB113996BSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	222854		
129	32.2	26.0	39.0	
65	27.5	25.1	37.7	
92	17.0	15.0	22.6	

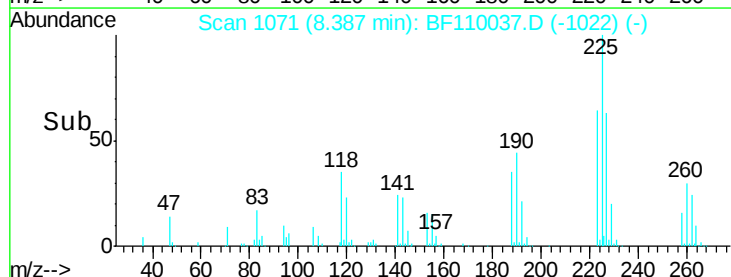
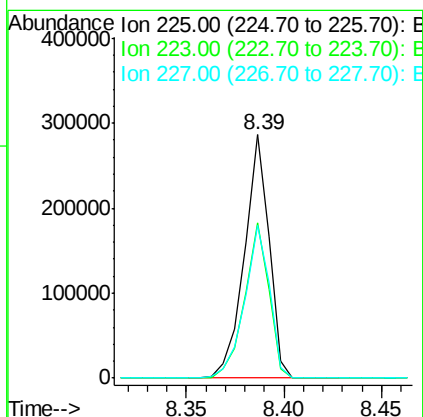
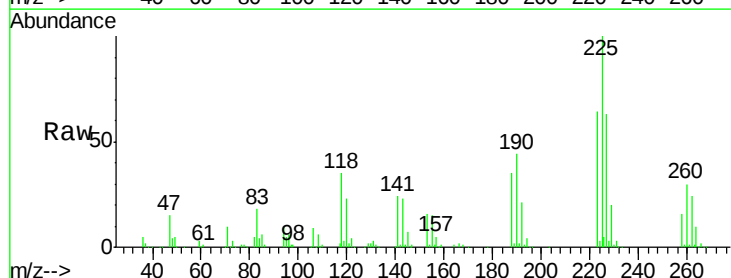
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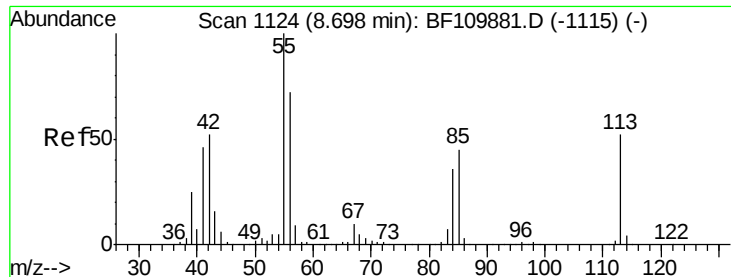
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#34
 Hexachlorobutadiene
 Concen: 40.476 ng
 RT: 8.39 min Scan# 1071
 Delta R.T. -0.01 min
 Lab File: BF110037.D
 Acq: 20 Oct 2018 7:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	251201		
223	63.8	51.4	77.2	
227	62.8	51.0	76.6	





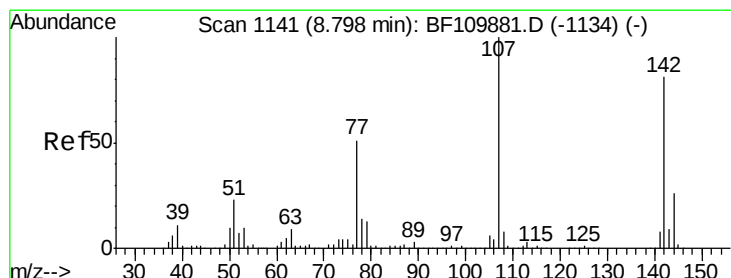
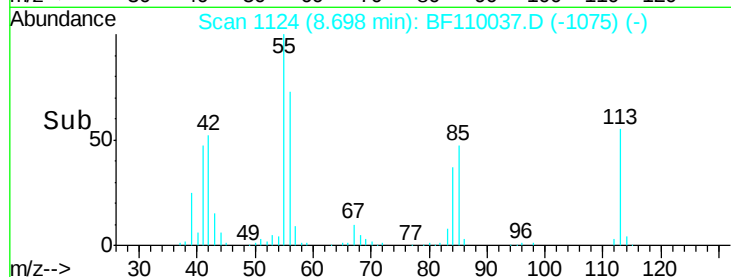
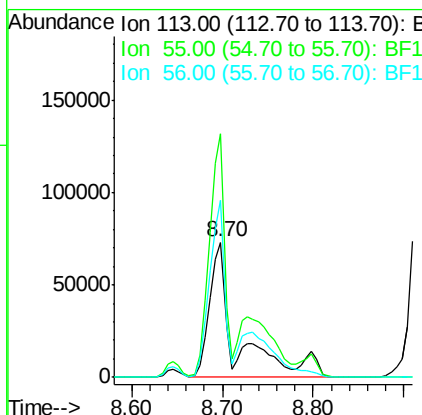
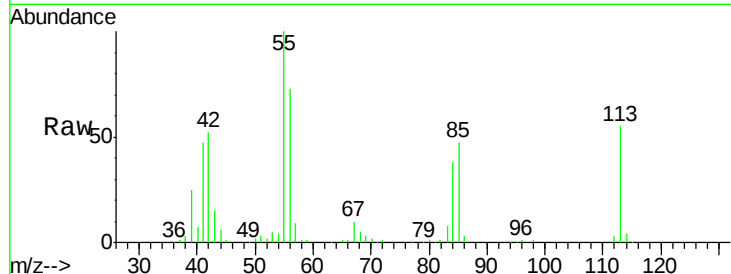
#35
 Caprolactam
 Concen: 41.889 ng m
 RT: 8.70 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BF110037.D
 Acq: 20 Oct 2018 7:51

Instrument :
 BNA_F
 ClientSampleId :
 PB113996BSD

Tgt Ion	Ratio	Lower	Upper
113	100		
55	180.6	142.8	182.8
56	131.2	105.0	145.0

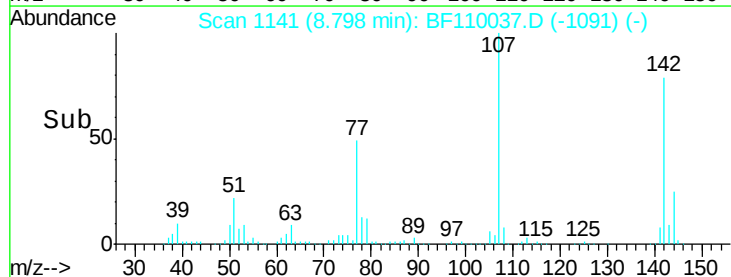
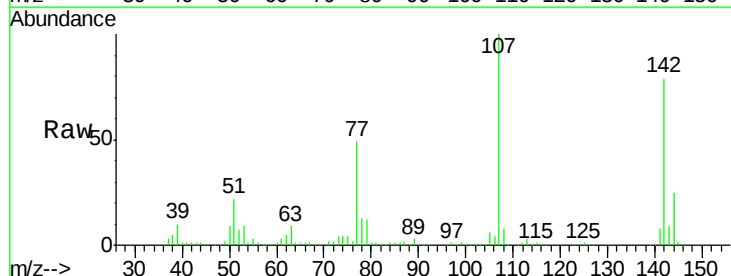
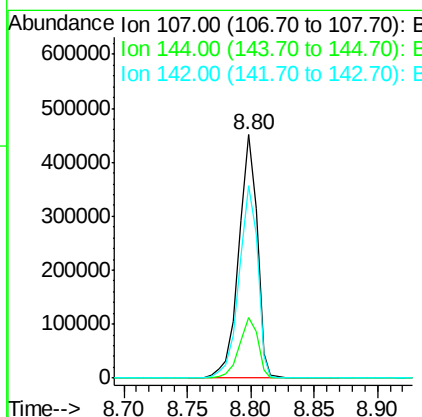
Manual Integrations
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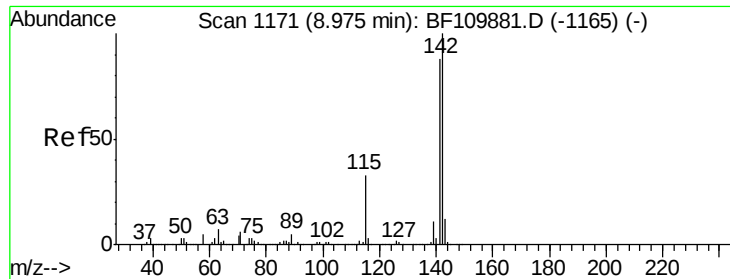
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#36
 4-Chloro-3-methylphenol
 Concen: 42.399 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BF110037.D
 Acq: 20 Oct 2018 7:51

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.0	20.0	30.0
142	79.2	59.7	89.5





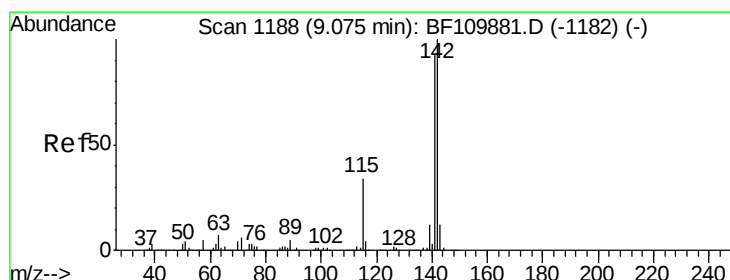
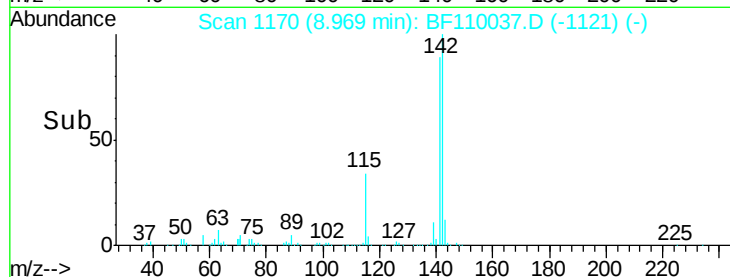
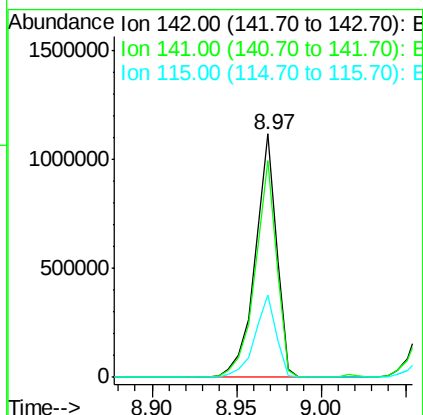
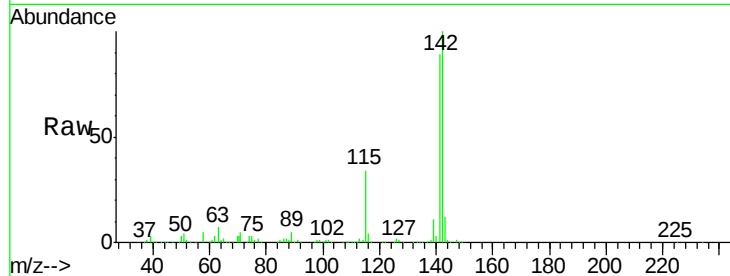
#37
2-Methylnaphthalene
Concen: 45.280 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF110037.D
Acq: 20 Oct 2018 7:51

Instrument :
BNA_F
ClientSampleId :
PB113996BSD

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	991586		
141	89.0	71.4	107.2	
115	34.1	28.7	43.1	

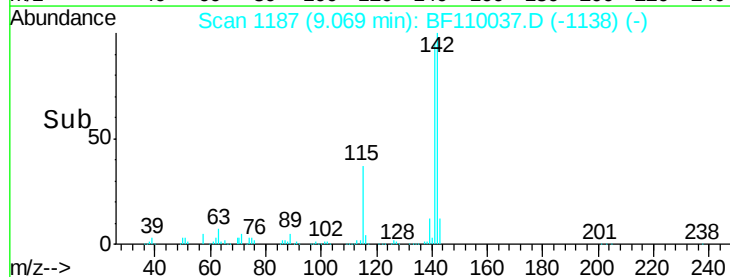
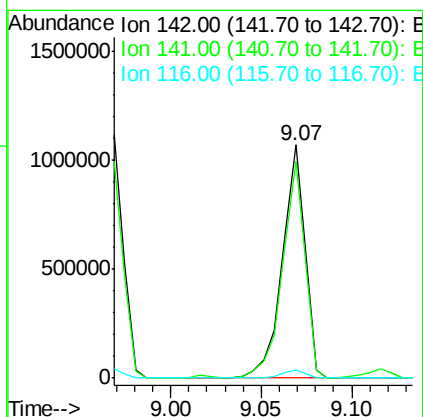
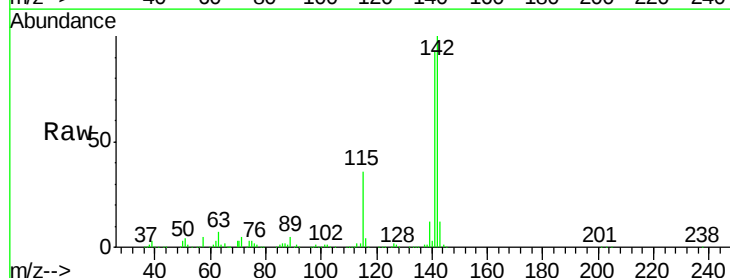
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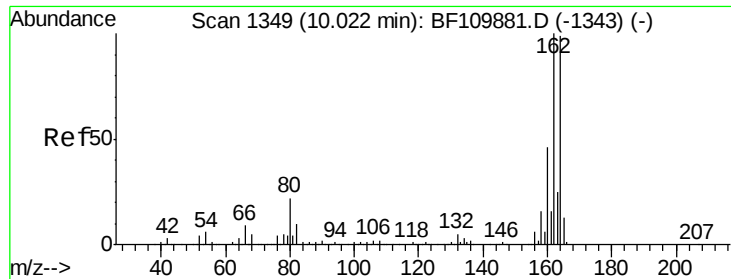
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#38
1-Methylnaphthalene
Concen: 43.878 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF110037.D
Acq: 20 Oct 2018 7:51

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	931103		
141	92.7	74.2	111.4	
116	3.6	2.6	4.0	





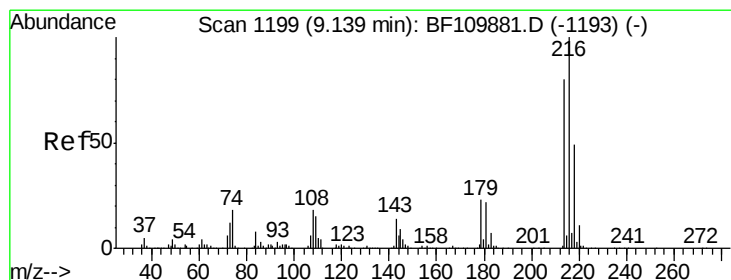
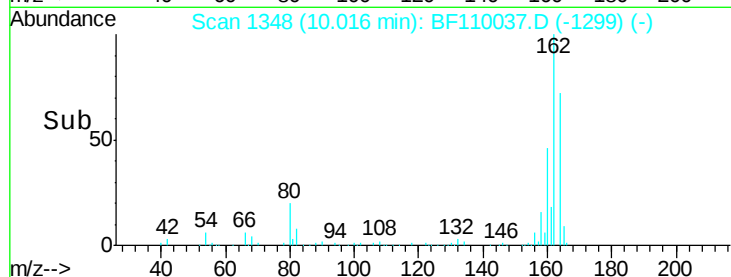
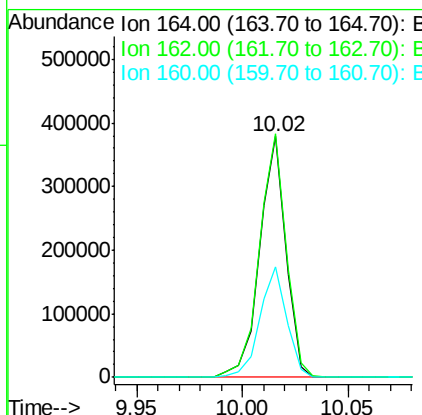
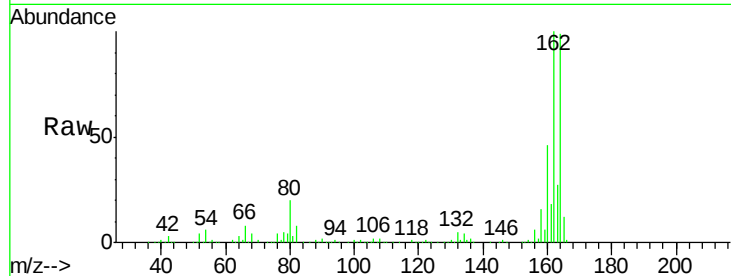
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF110037.D
Acq: 20 Oct 2018 7:51

Instrument :
BNA_F
ClientSampleId :
PB113996BSD

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	328292		
162	101.0	83.0	124.6	
160	46.0	37.0	55.6	

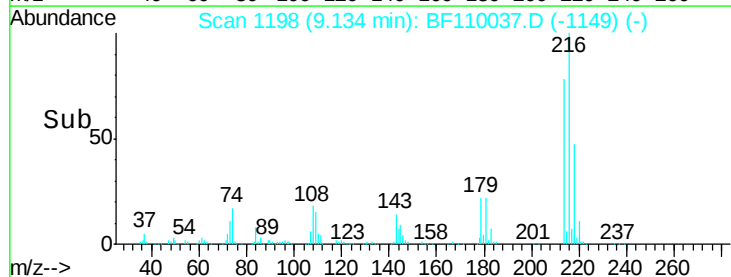
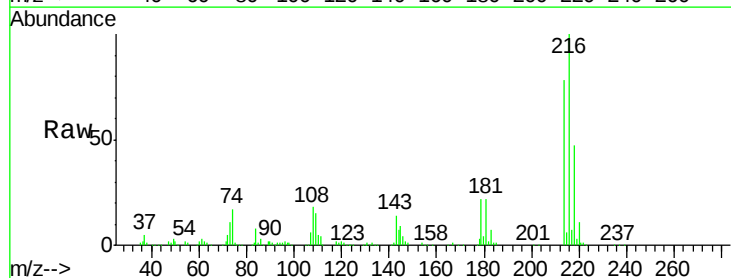
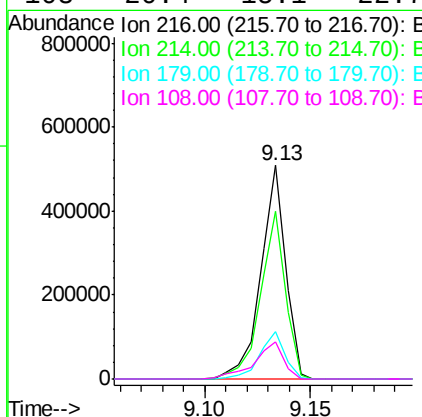
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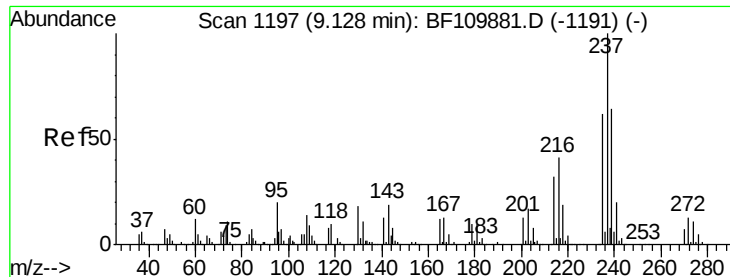
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.336 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BF110037.D
Acq: 20 Oct 2018 7:51

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	417981		
214	78.6	63.8	95.6	
179	22.5	16.6	25.0	
108	20.4	15.1	22.7	





#41

Hexachlorocyclopentadiene

Concen: 63.121 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF110037.D

Acq: 20 Oct 2018 7:51

Instrument :

BNA_F

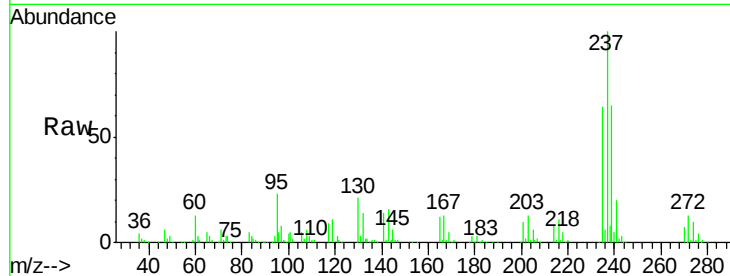
ClientSampleId :

PB113996BSD

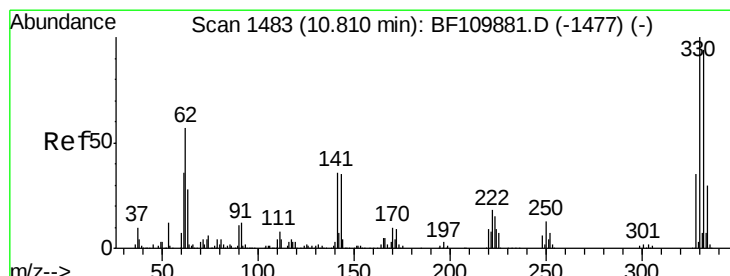
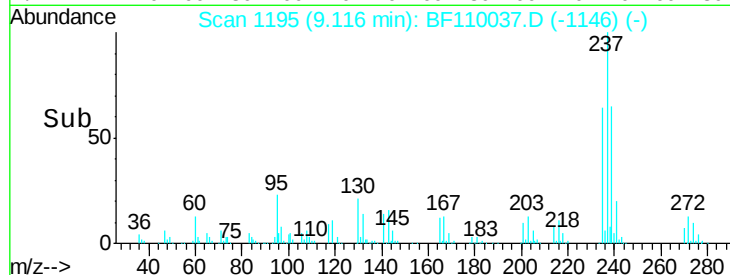
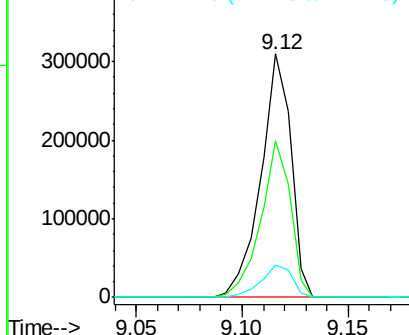
Tgt Ion:	237	Resp:	308061
Ion Ratio	Lower	Upper	
237	100		
235	64.1	43.1	83.1
272	13.2	0.0	32.6

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 89.545 ng

RT: 10.80 min Scan# 1482

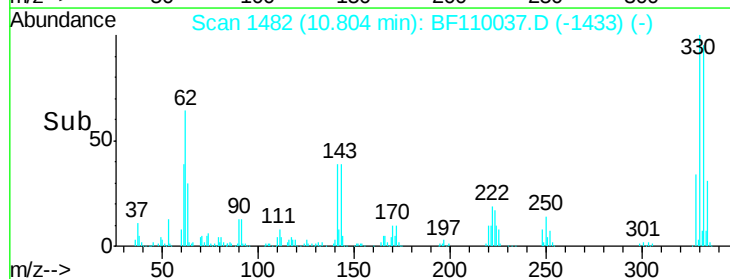
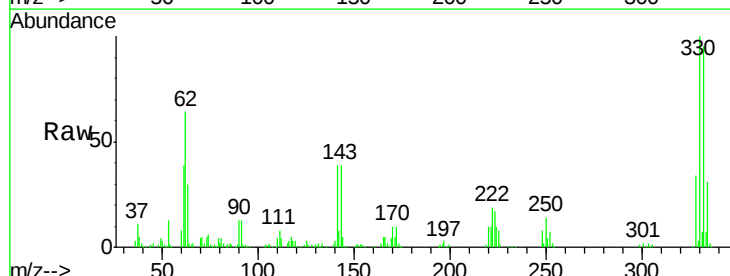
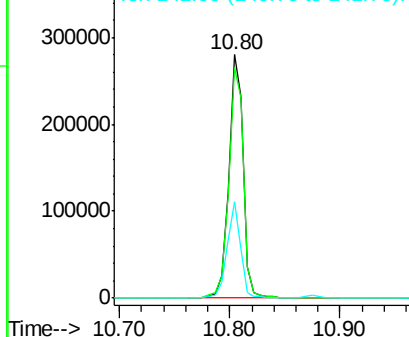
Delta R.T. -0.01 min

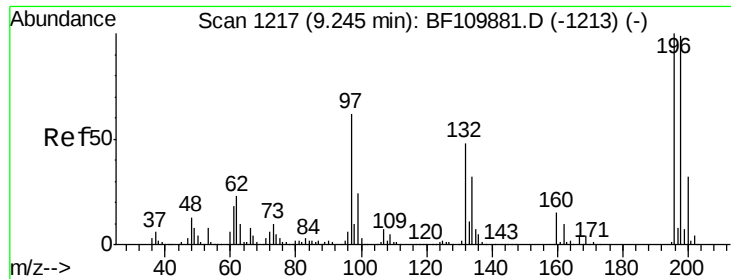
Lab File: BF110037.D

Acq: 20 Oct 2018 7:51

Tgt Ion:	330	Resp:	254511
Ion Ratio	Lower	Upper	
330	100		
332	97.3	77.1	115.7
141	37.1	27.0	40.4

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





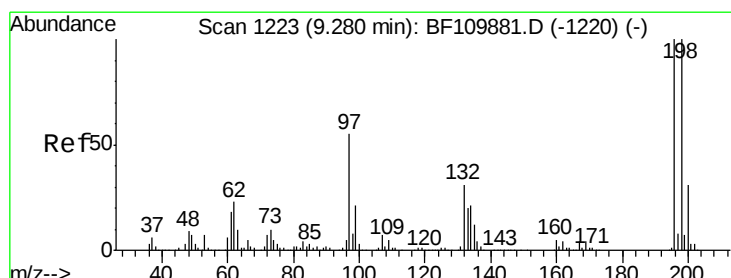
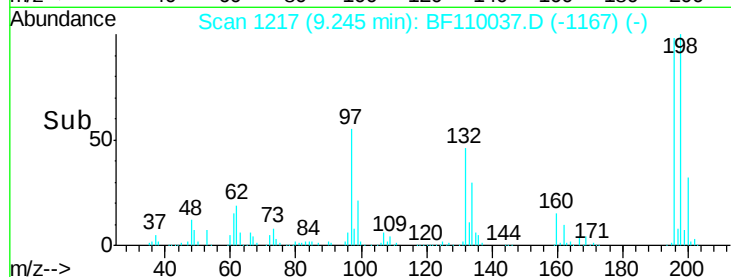
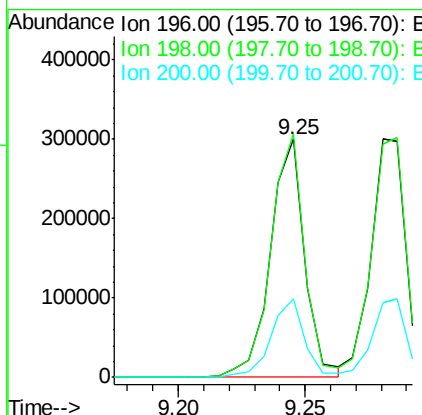
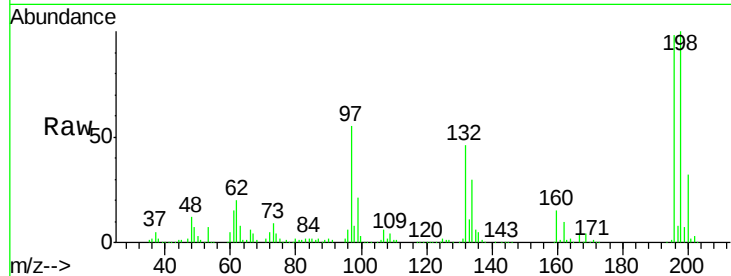
#43
 2,4,6-Trichlorophenol
 Concen: 44.989 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF110037.D
 Acq: 20 Oct 2018 7:51

Instrument :
 BNA_F
 ClientSampleId :
 PB113996BSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	284455		
198	102.3	76.2	114.4	
200	32.9	24.4	36.6	

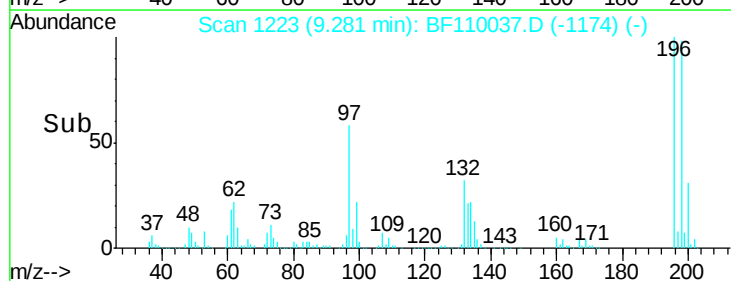
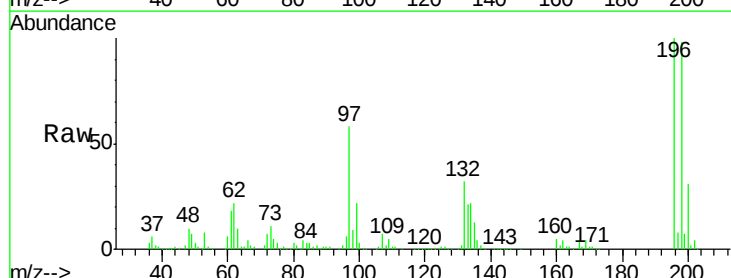
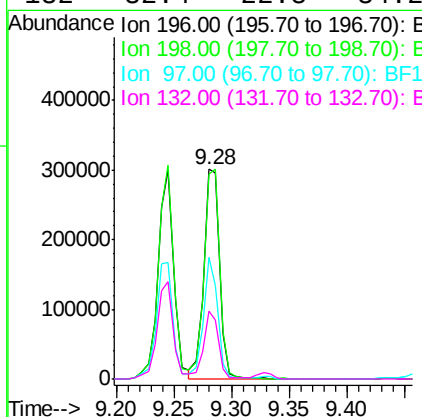
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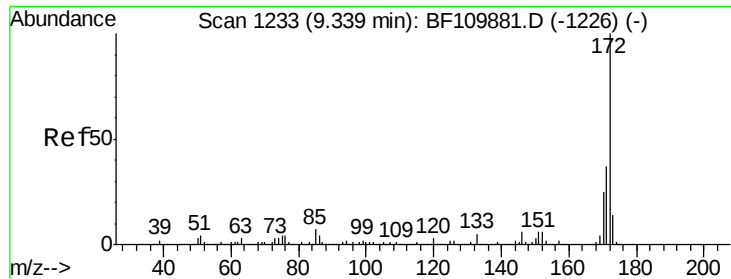
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#44
 2,4,5-Trichlorophenol
 Concen: 44.192 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF110037.D
 Acq: 20 Oct 2018 7:51

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	289997		
198	97.8	75.8	113.6	
97	58.3	42.4	63.6	
132	32.4	22.8	34.2	





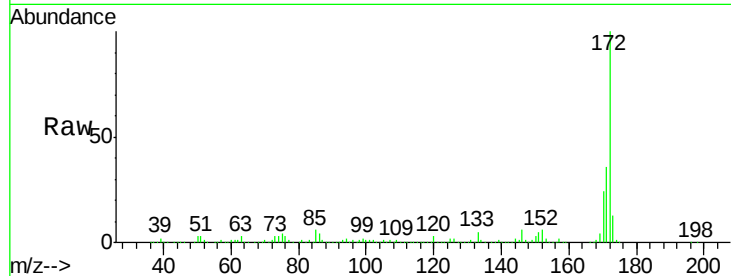
#45
2-Fluorobiphenyl
Concen: 91.676 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF110037.D
Acq: 20 Oct 2018 7:51

Instrument :
BNA_F
ClientSampleId :
PB113996BSD

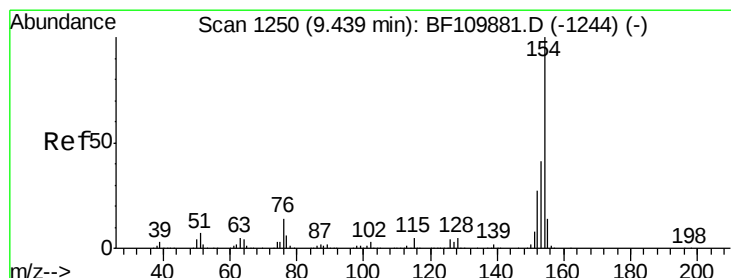
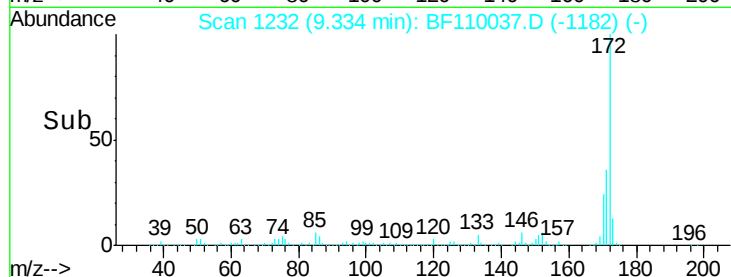
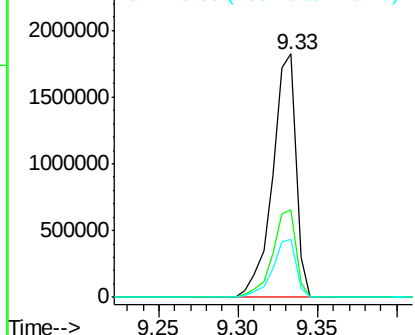
Tgt Ion:172 Resp: 1886146
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 24.1 19.7 29.5

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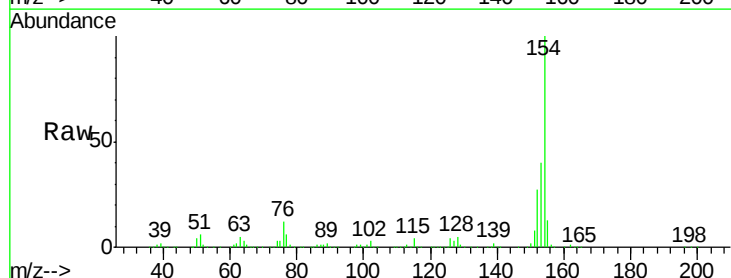


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

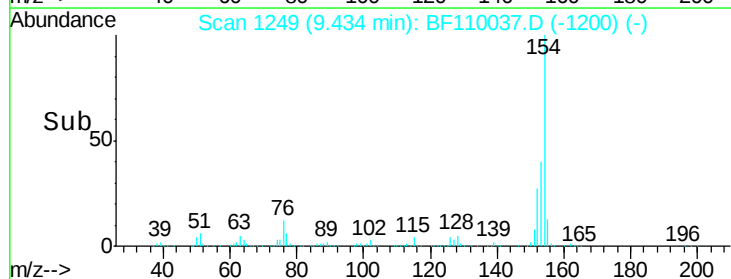
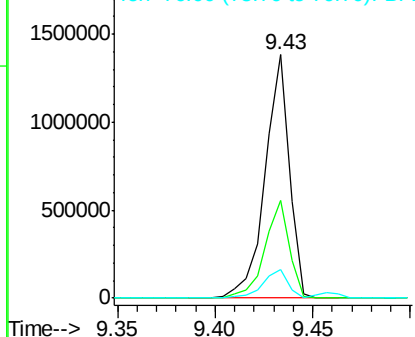


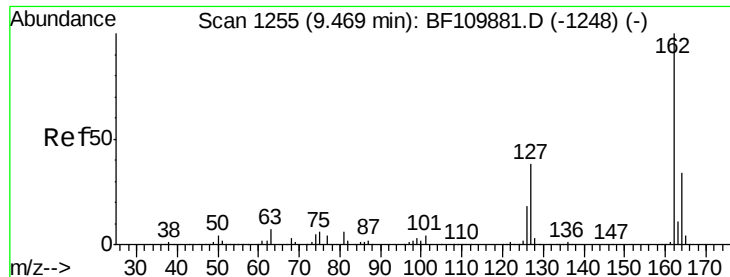
#46
1,1'-Biphenyl
Concen: 40.581 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF110037.D
Acq: 20 Oct 2018 7:51

Tgt Ion:154 Resp: 1186961
Ion Ratio Lower Upper
154 100
153 40.4 20.4 60.4
76 11.8 0.0 31.9



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





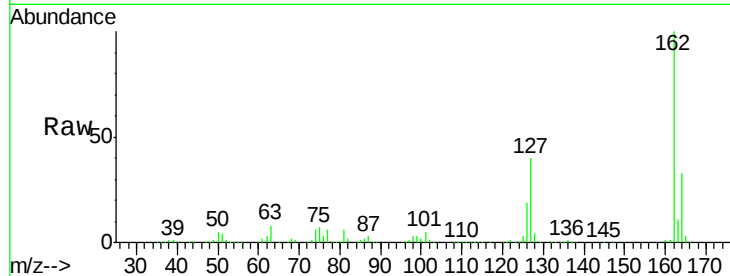
#47
 2-Chloronaphthalene
 Concen: 41.245 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.01 min
 Lab File: BF110037.D
 Acq: 20 Oct 2018 7:51

Instrument :
 BNA_F
 ClientSampleId :
 PB113996BSD

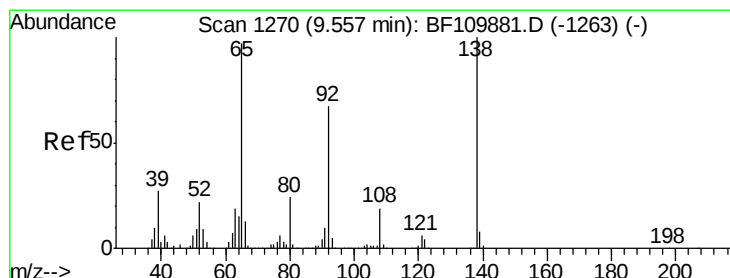
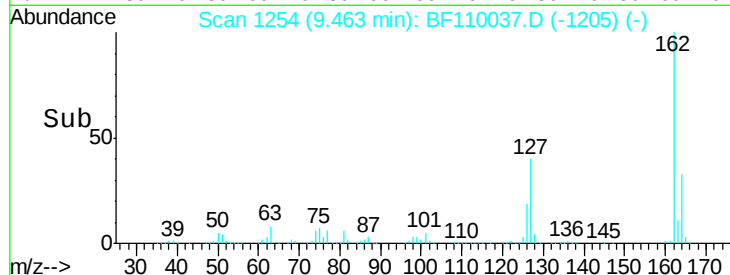
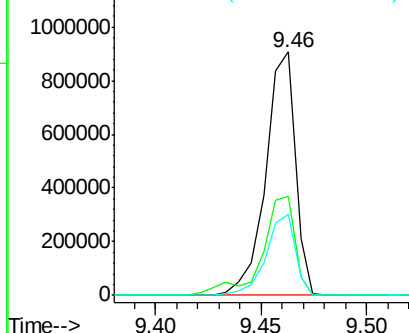
Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	40.5	32.6	48.8
164	33.1	25.9	38.9

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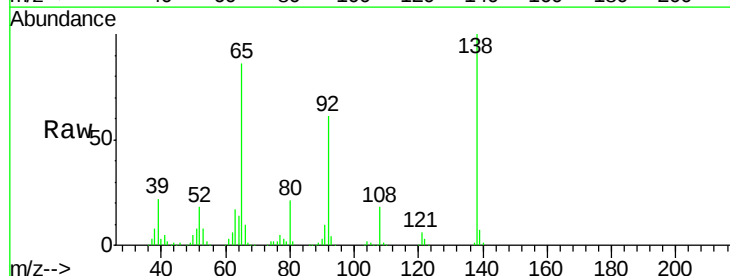


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

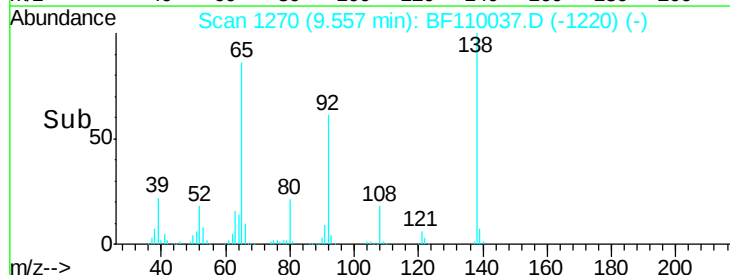
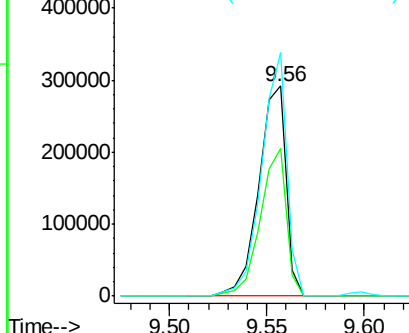


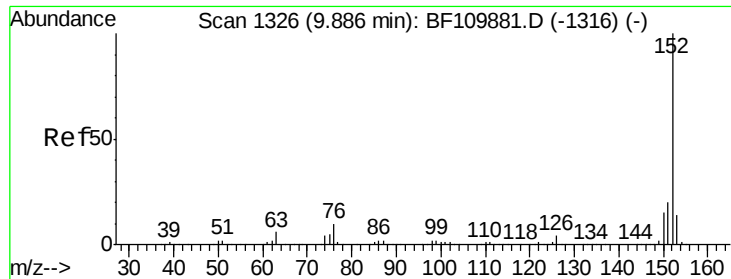
#48
 2-Nitroaniline
 Concen: 51.374 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: BF110037.D
 Acq: 20 Oct 2018 7:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
65	100		
92	70.2	54.6	81.8
138	116.0	80.3	120.5



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.984 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF110037.D

Acq: 20 Oct 2018 7:51

Instrument :

BNA_F

ClientSampleId :

PB113996BSD

Tgt Ion:152 Resp: 1376665

Ion Ratio Lower Upper

152 100

151 20.9 15.8 23.8

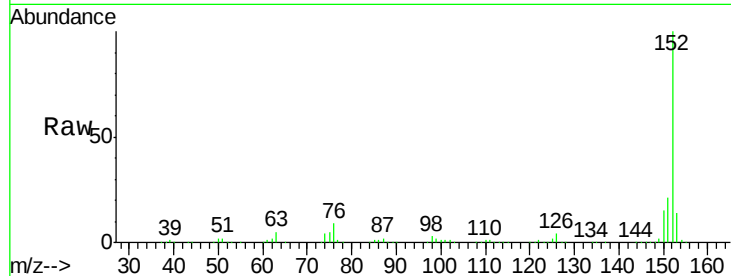
153 13.9 10.4 15.6

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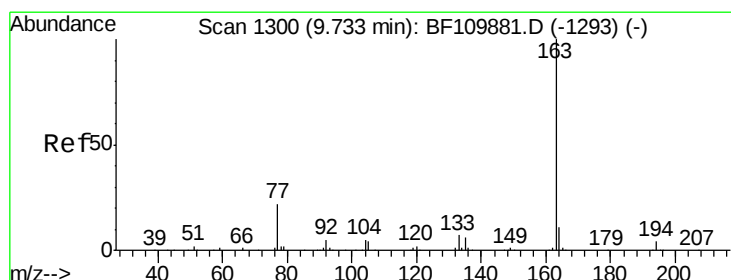
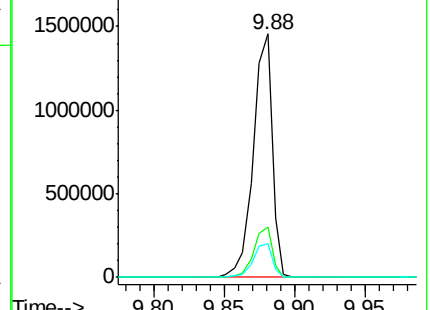
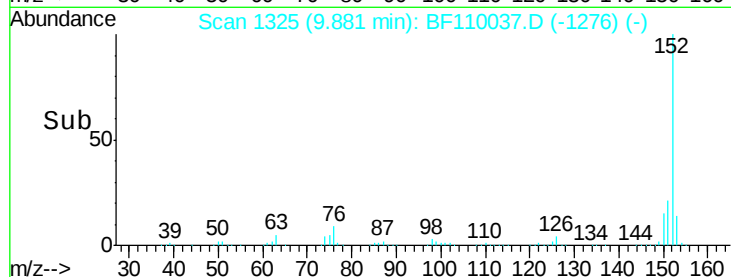
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.765 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF110037.D

Acq: 20 Oct 2018 7:51

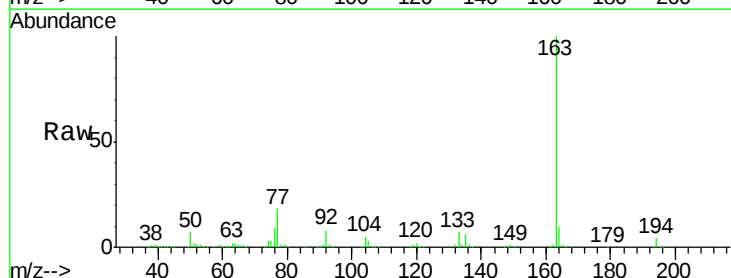
Tgt Ion:163 Resp: 1040619

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

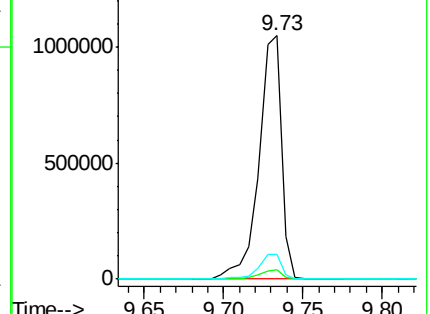
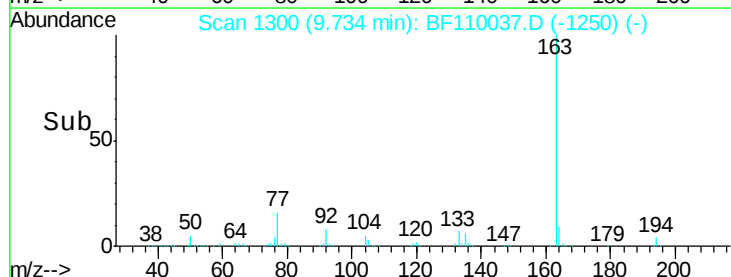
164 10.0 8.1 12.1

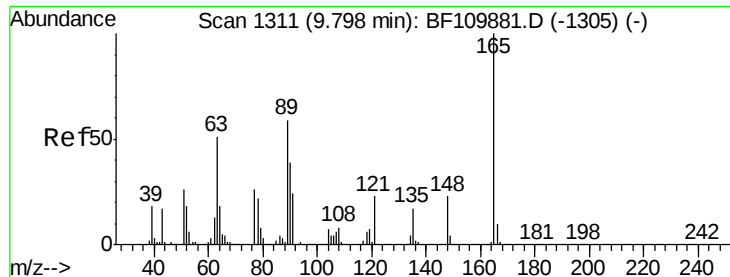


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 51.513 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF110037.D

Acq: 20 Oct 2018 7:51

Instrument :

BNA_F

ClientSampleId :

PB113996BSD

Tgt Ion:165 Resp: 227441
Ion Ratio Lower Upper

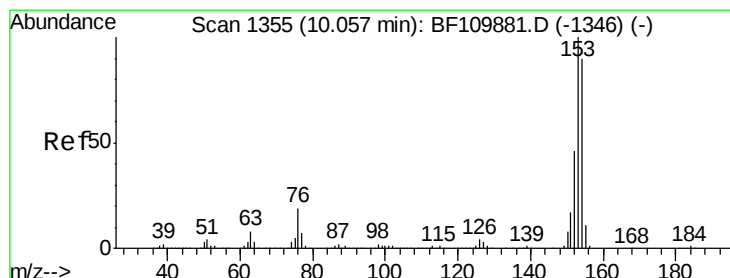
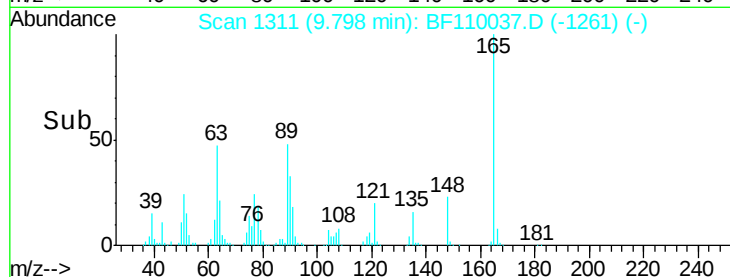
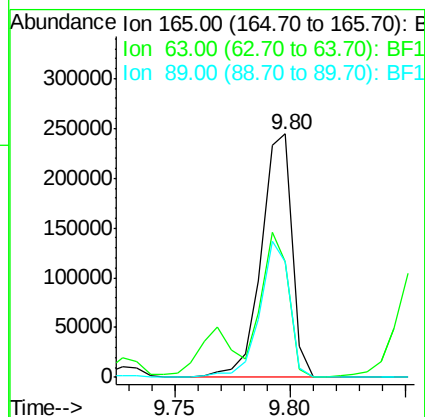
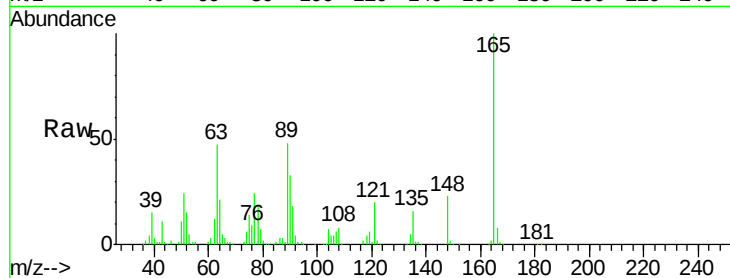
165 100

63 47.3 48.9 73.3#

89 47.6 46.6 69.8

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#52

Acenaphthene

Concen: 43.482 ng

RT: 10.05 min Scan# 1354

Delta R.T. -0.01 min

Lab File: BF110037.D

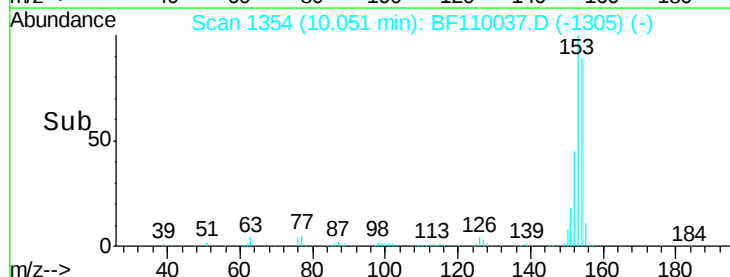
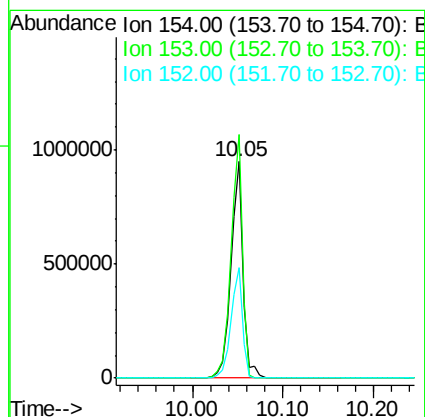
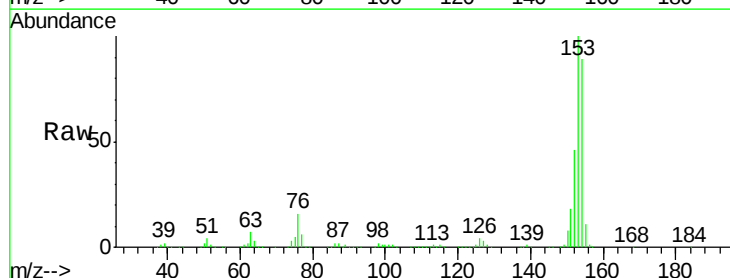
Acq: 20 Oct 2018 7:51

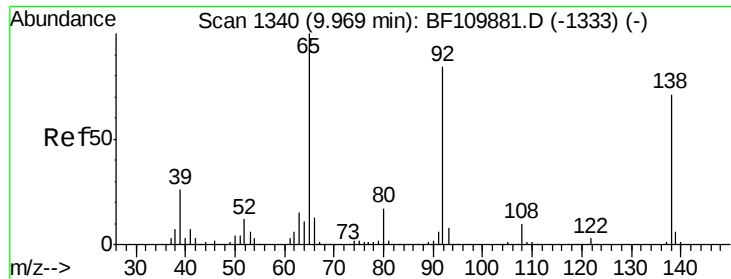
Tgt Ion:154 Resp: 866461
Ion Ratio Lower Upper

154 100

153 112.4 90.1 135.1

152 51.3 43.4 65.2





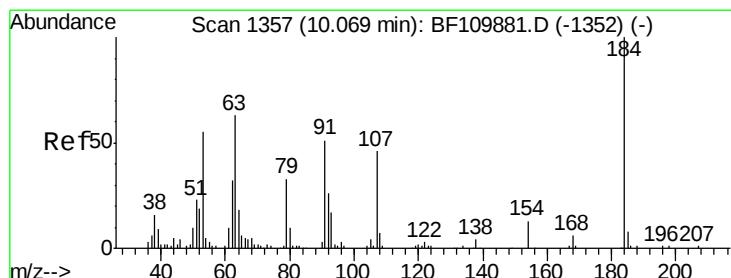
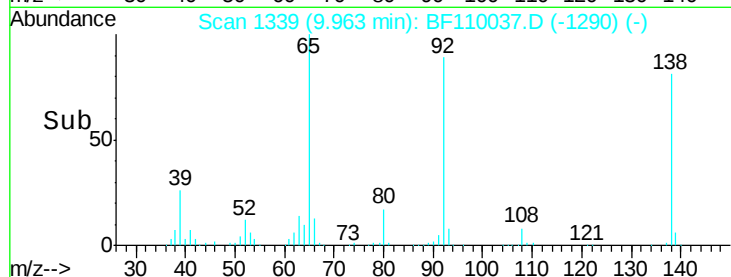
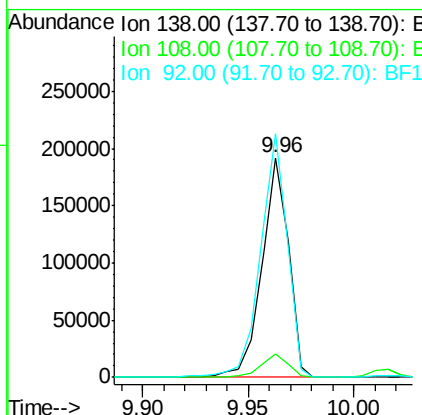
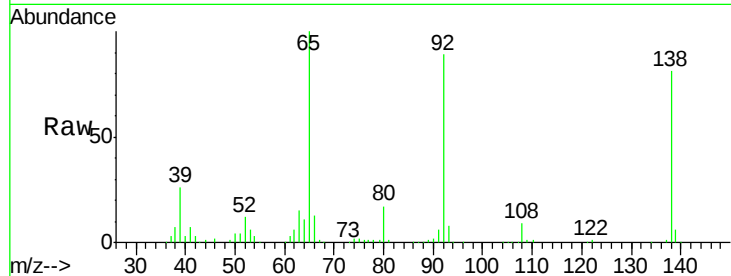
#53
 3-Nitroaniline
 Concen: 31.261 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BF110037.D
 Acq: 20 Oct 2018 7:51

Instrument :
 BNA_F
 ClientSampleId :
 PB113996BSD

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	167896		
108	10.5	8.7	13.1	
92	110.7	97.0	145.4	

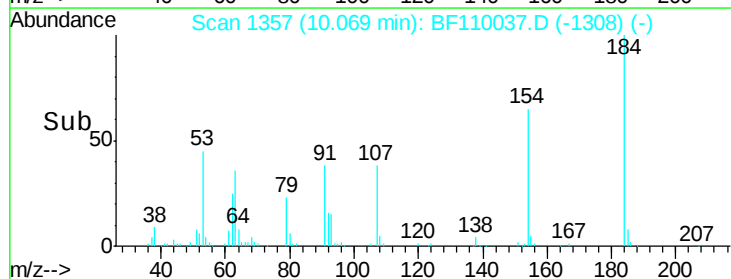
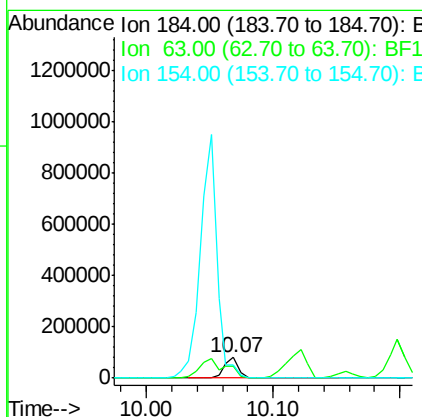
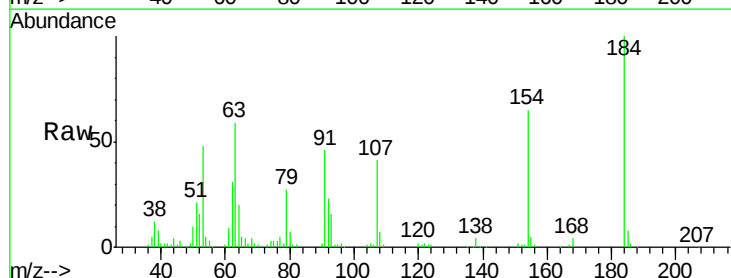
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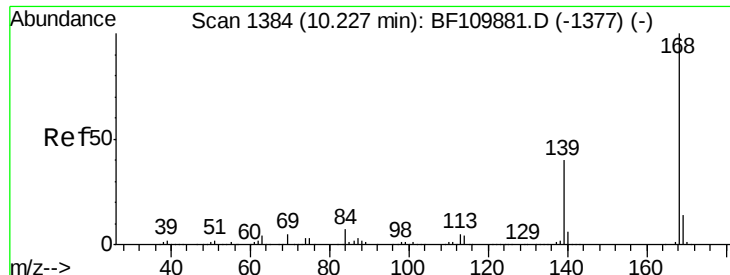
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#54
 2,4-Dinitrophenol
 Concen: 49.264 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. -0.01 min
 Lab File: BF110037.D
 Acq: 20 Oct 2018 7:51

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	63874		
63	59.0	55.8	83.6	
154	65.0	63.2	94.8	





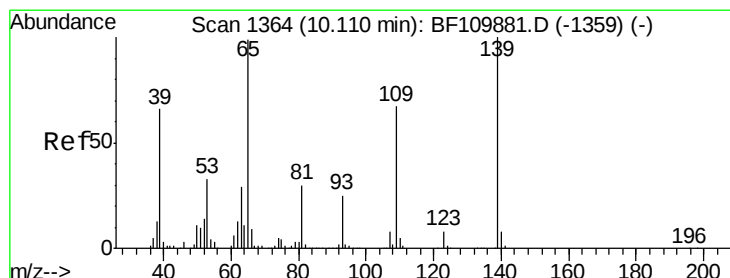
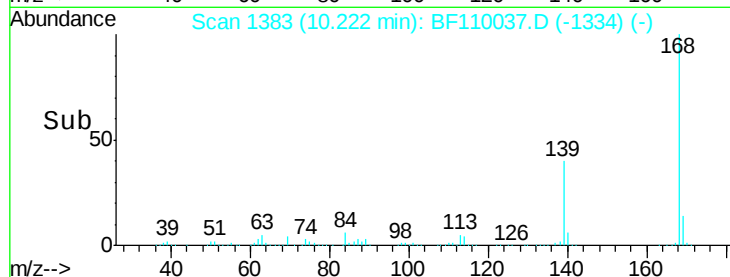
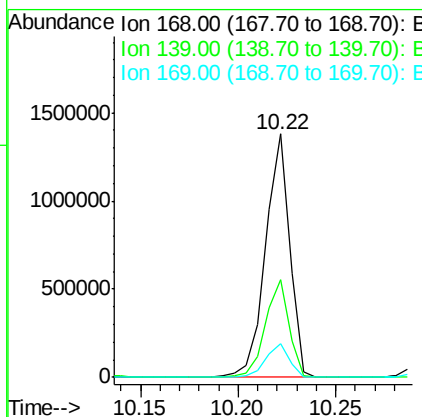
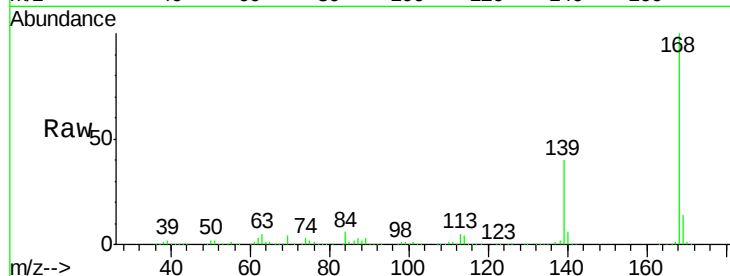
#55
Dibenzenofuran
Concen: 41.684 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF110037.D
Acq: 20 Oct 2018 7:51

Instrument :
BNA_F
ClientSampleId :
PB113996BSD

Tgt Ion:168 Resp: 1184602
Ion Ratio Lower Upper
168 100
139 40.3 33.0 49.6
169 13.8 11.3 16.9

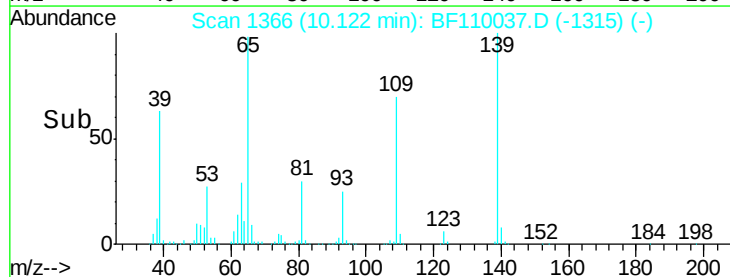
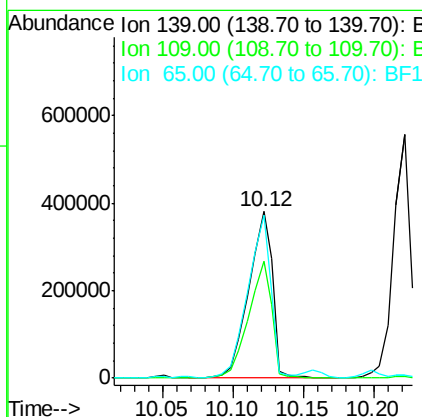
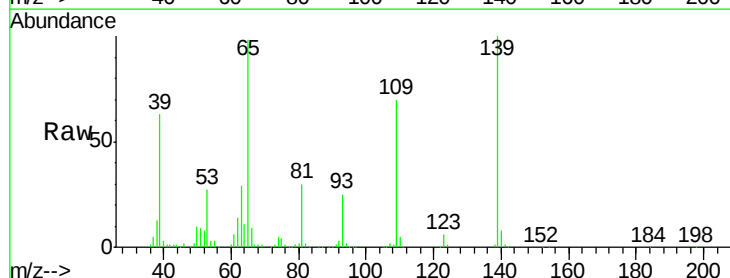
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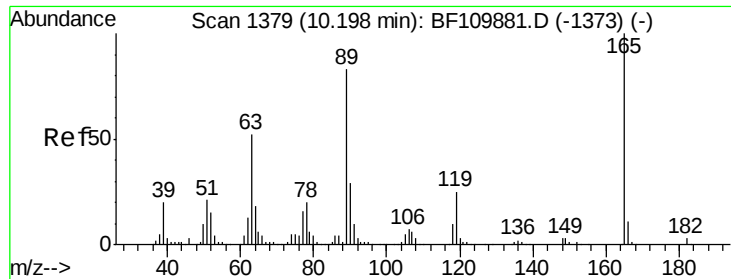
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#56
4-Nitrophenol
Concen: 110.107 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF110037.D
Acq: 20 Oct 2018 7:51

Tgt Ion:139 Resp: 451229
Ion Ratio Lower Upper
139 100
109 69.9 55.8 95.8
65 98.3 77.9 117.9





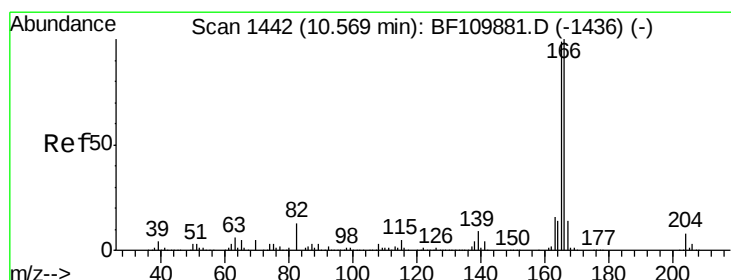
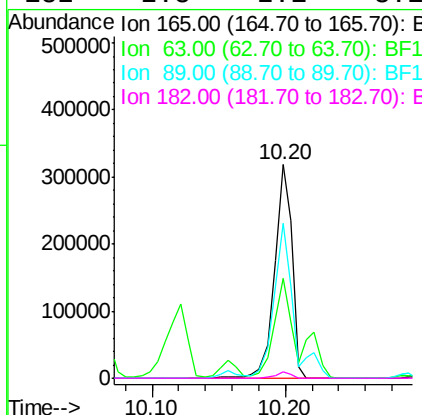
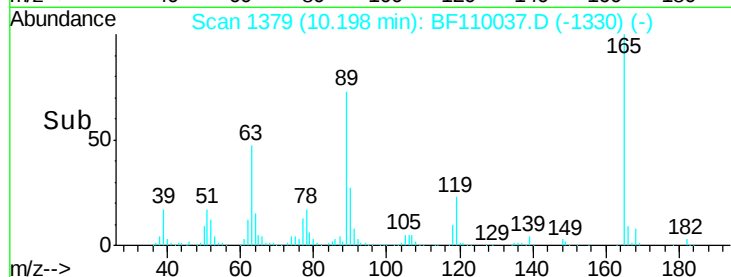
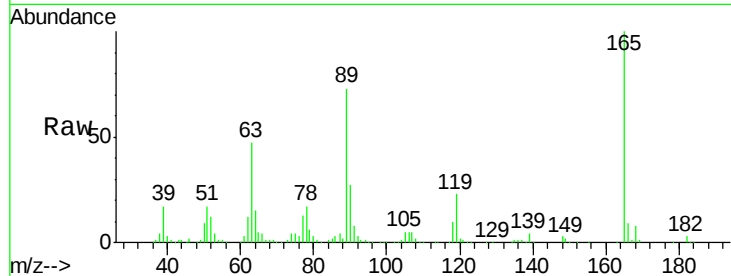
#57
2,4-Dinitrotoluene
Concen: 51.857 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF110037.D
Acq: 20 Oct 2018 7:51

Instrument :
BNA_F
ClientSampleId :
PB113996BSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	291490		
63	46.8	44.8	67.2	
89	72.7	62.2	93.4	
182	2.8	2.1	3.1	

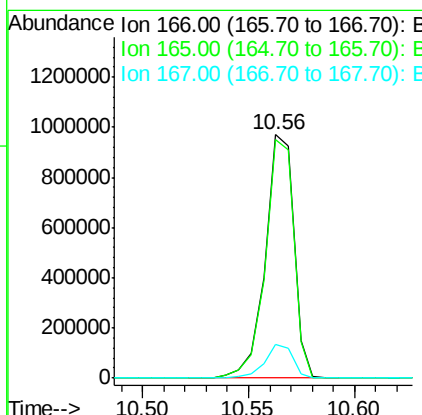
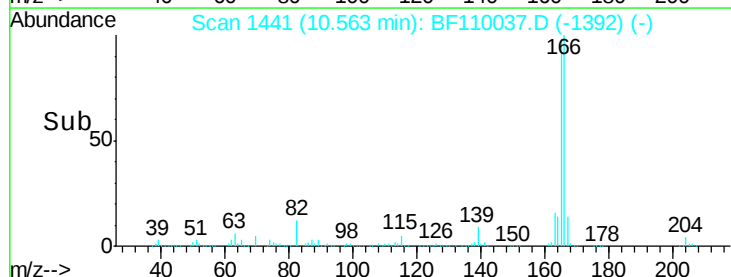
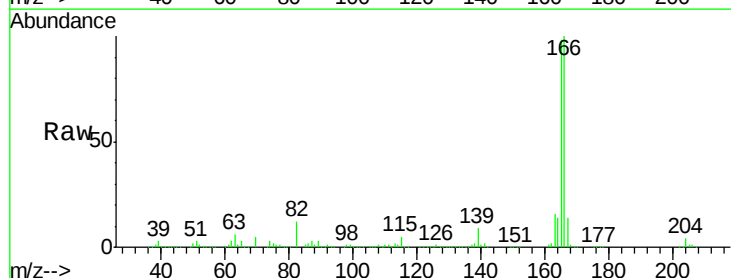
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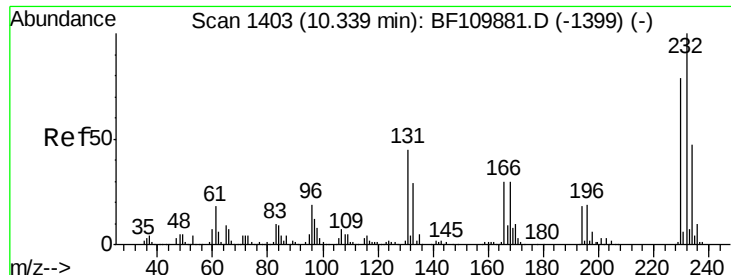
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#58
Fluorene
Concen: 44.369 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF110037.D
Acq: 20 Oct 2018 7:51

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	917863		
165	98.1	78.6	117.8	
167	13.8	10.8	16.2	





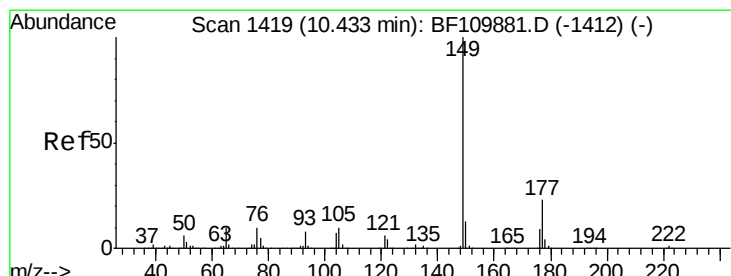
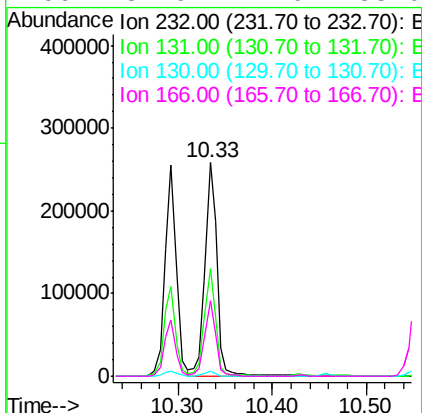
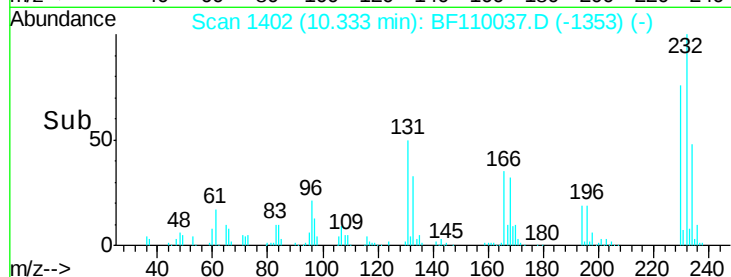
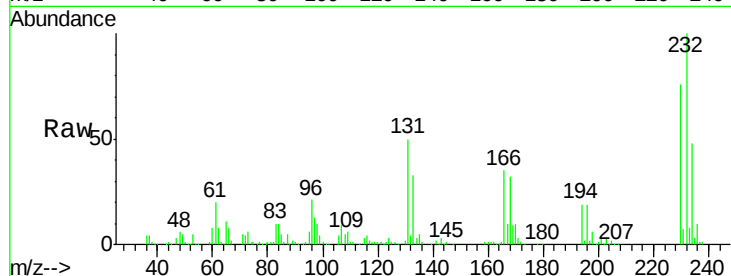
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.684 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF110037.D
 Acq: 20 Oct 2018 7:51

Instrument :
 BNA_F
 ClientSampleId :
 PB113996BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
232	100		
131	46.9	37.0	55.4
130	2.3	1.8	2.6
166	31.9	22.0	33.0

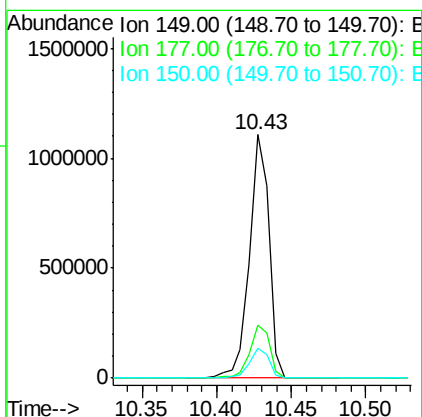
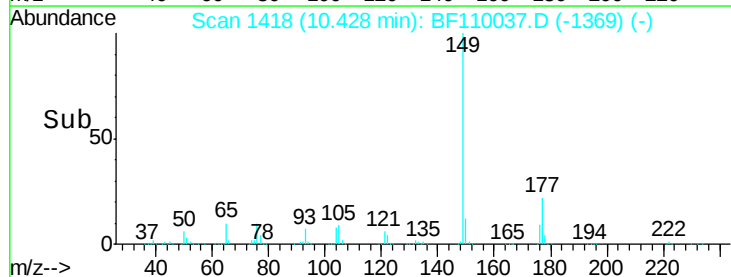
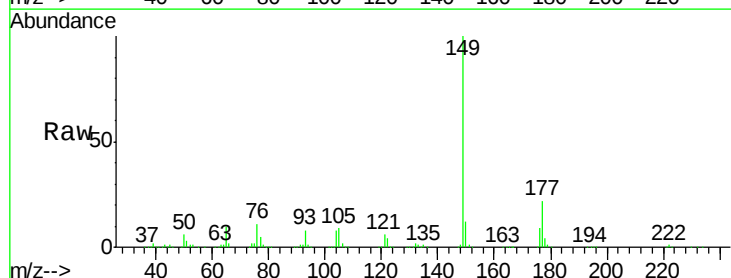
Manual Integrations
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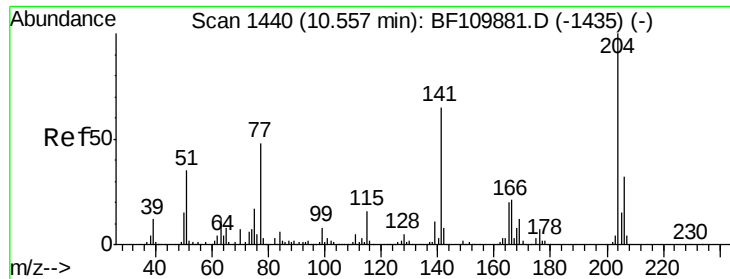
Sohil
 10/22/2018 2:55:59 PM



#60
 Diethylphthalate
 Concen: 43.230 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.01 min
 Lab File: BF110037.D
 Acq: 20 Oct 2018 7:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	21.9	17.4	26.2
150	12.4	9.8	14.8





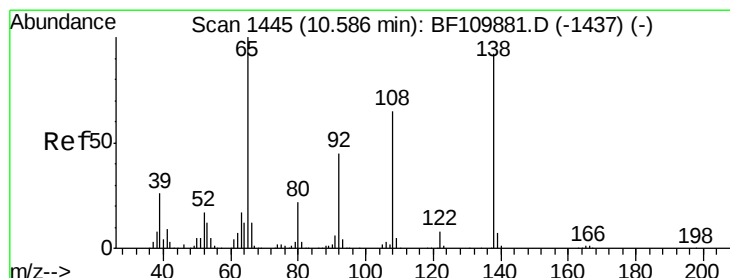
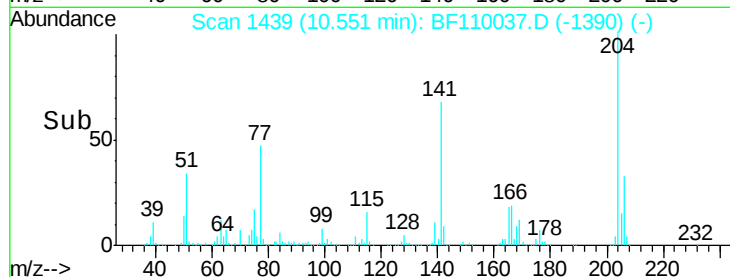
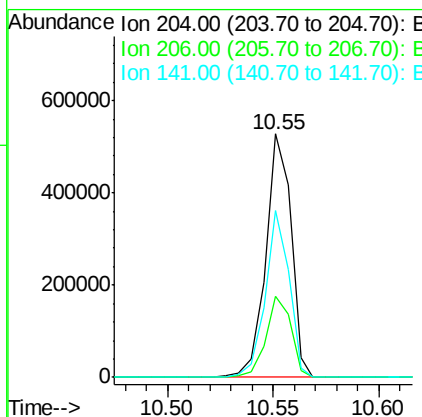
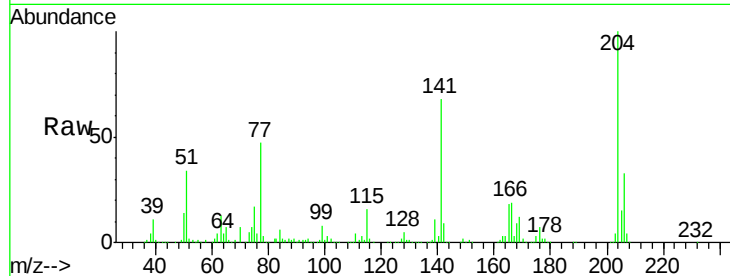
#61
4-Chlorophenyl-phenylether
Concen: 40.887 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF110037.D
Acq: 20 Oct 2018 7:51

Instrument :
BNA_F
ClientSampleId :
PB113996BSD

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.5	39.7
141	68.4	51.8	77.8

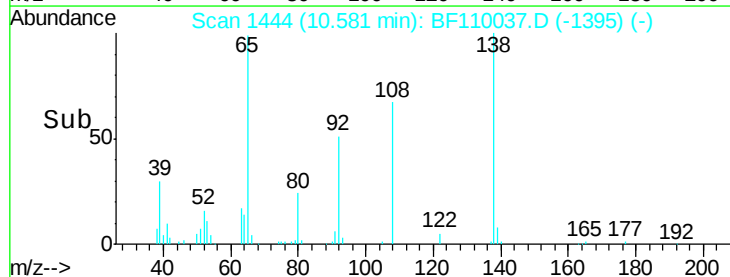
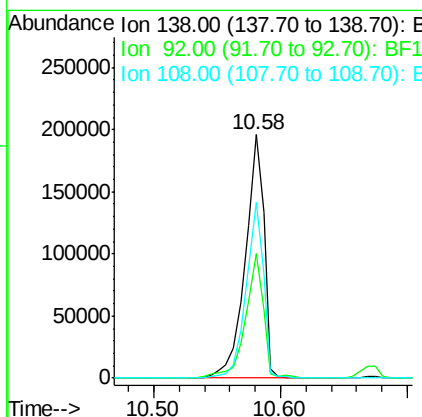
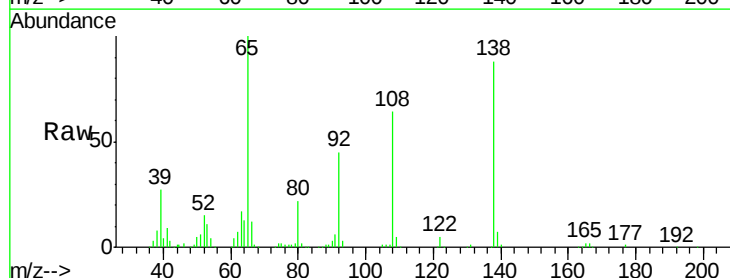
Manual Integrations
APPROVED

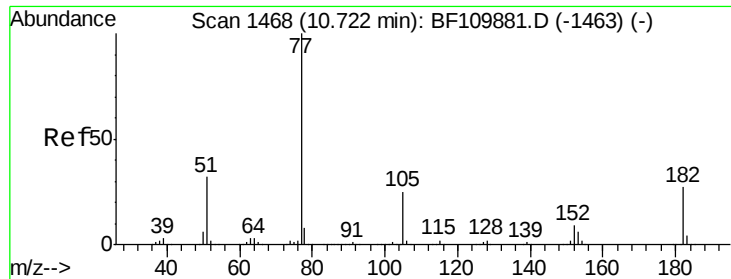
Sohil
10/22/2018 2:55:59 PM



#62
4-Nitroaniline
Concen: 39.503 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF110037.D
Acq: 20 Oct 2018 7:51

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.3	31.7	71.7
108	72.1	59.3	99.3





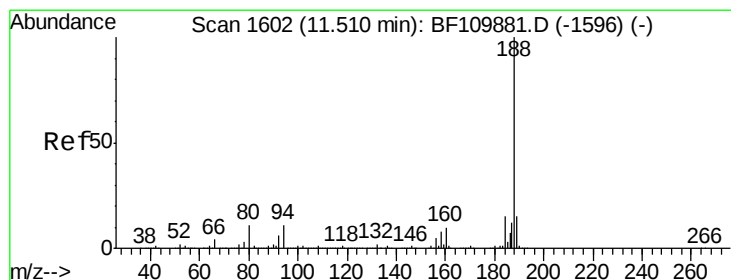
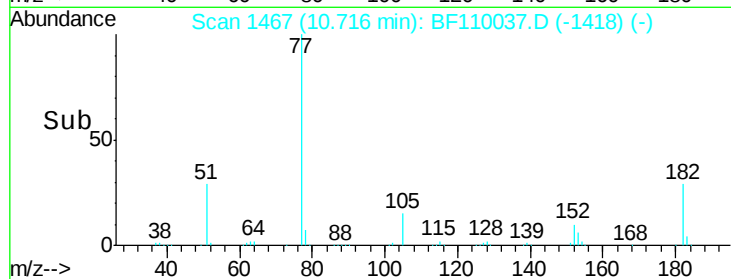
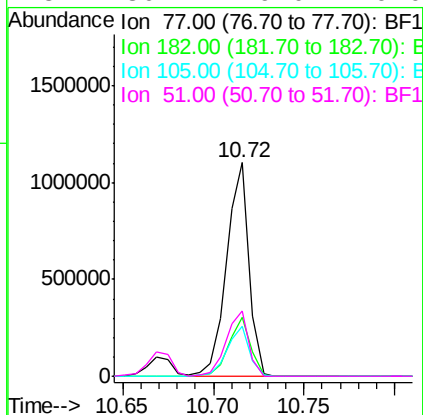
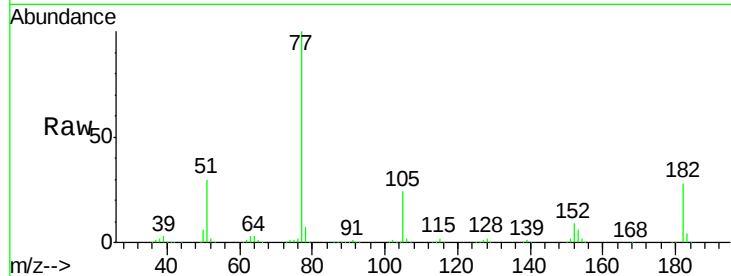
#63
Azobenzene
Concen: 39.450 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF110037.D
Acq: 20 Oct 2018 7:51

Instrument :
BNA_F
ClientSampleId :
PB113996BSD

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	946240		
182	27.7	4.3	44.3	
105	23.5	1.3	41.3	
51	30.4	9.0	49.0	

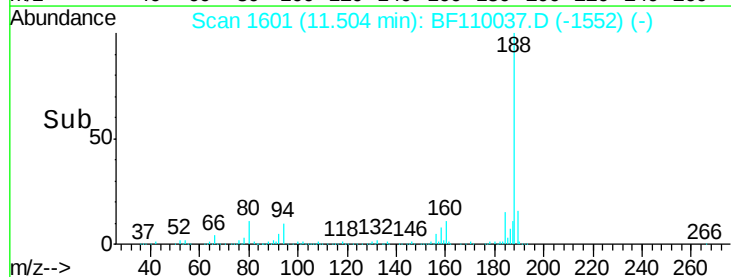
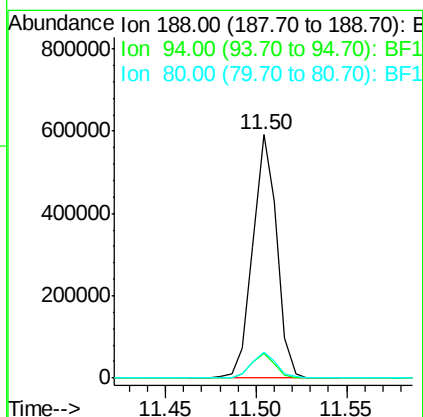
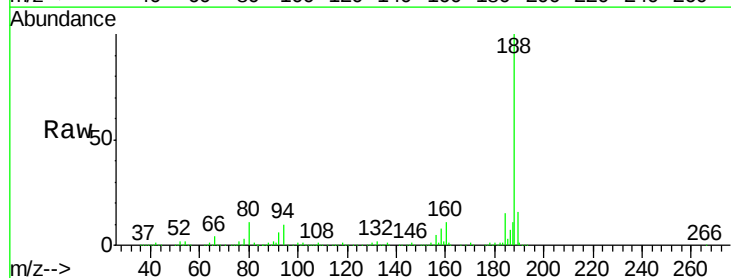
Manual Integrations
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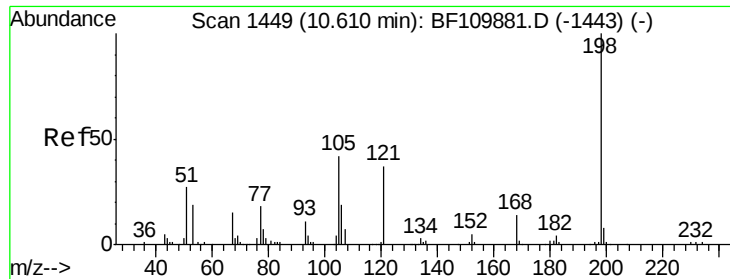
Sohil
10/22/2018 2:55:59 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110037.D
Acq: 20 Oct 2018 7:51

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	541374		
94	9.9	7.2	10.8	
80	10.8	7.9	11.9	





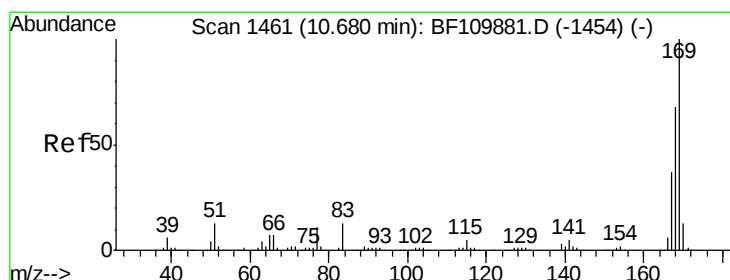
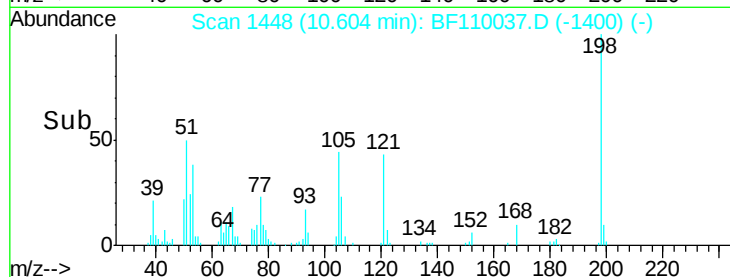
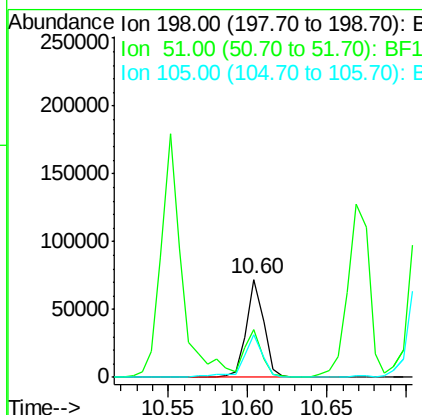
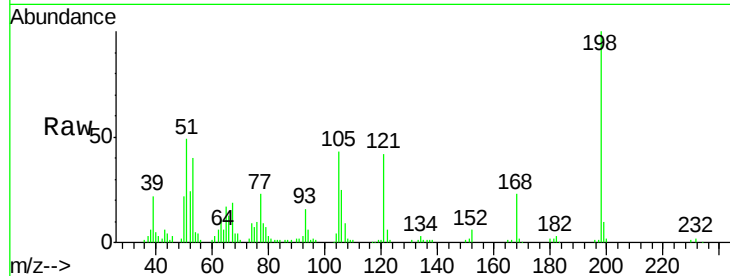
#65
4,6-Dinitro-2-methylphenol
Concen: 31.463 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.02 min
Lab File: BF110037.D
Acq: 20 Oct 2018 7:51

Instrument :
BNA_F
ClientSampleId :
PB113996BSD

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	55313		
51	49.0	22.8	62.8	
105	43.3	23.6	63.6	

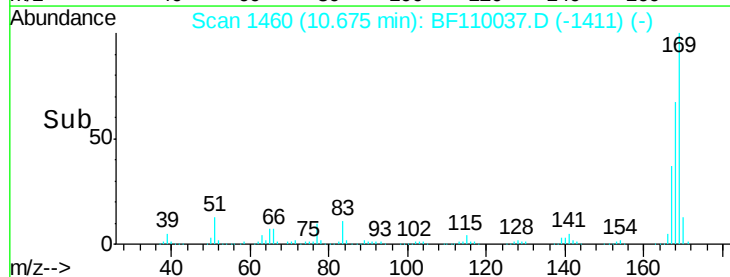
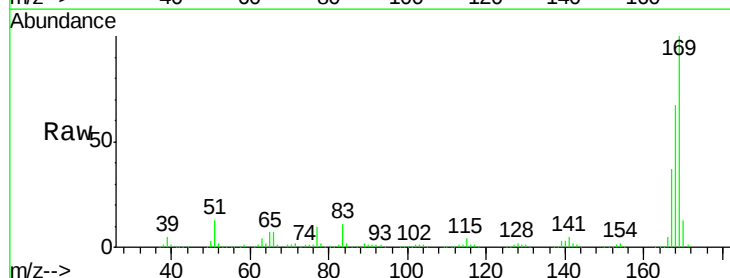
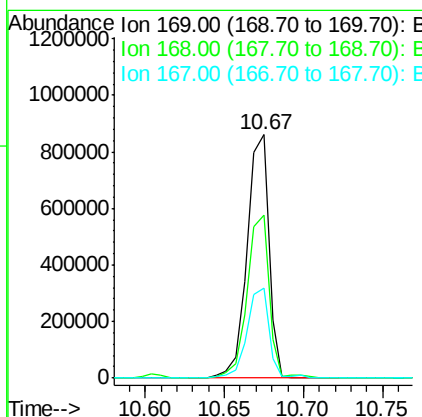
Manual Integrations
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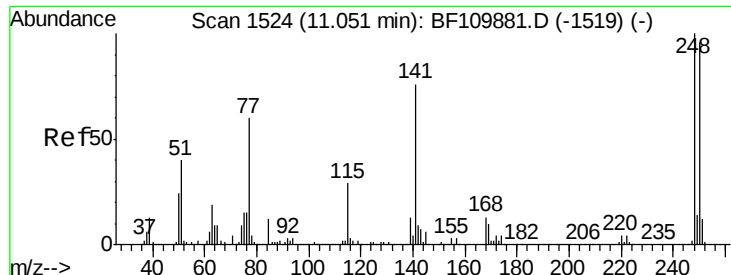
Sohil
10/22/2018 2:55:59 PM



#66
n-Nitrosodiphenylamine
Concen: 45.669 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF110037.D
Acq: 20 Oct 2018 7:51

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	823459		
168	67.2	51.2	76.8	
167	36.7	27.8	41.6	





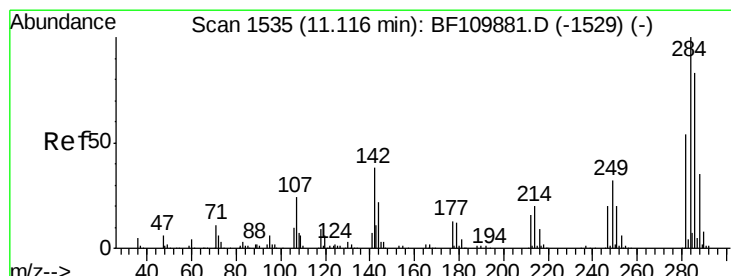
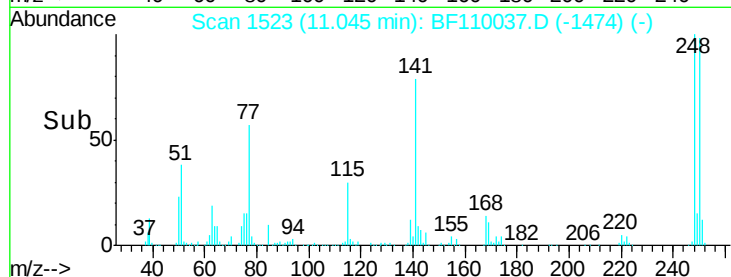
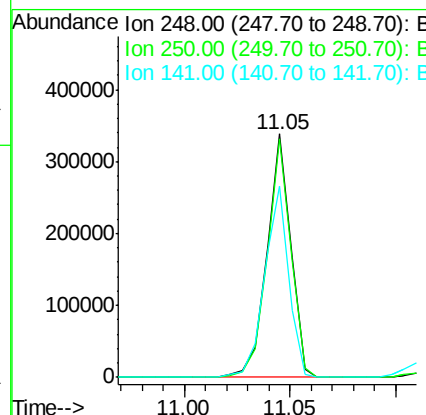
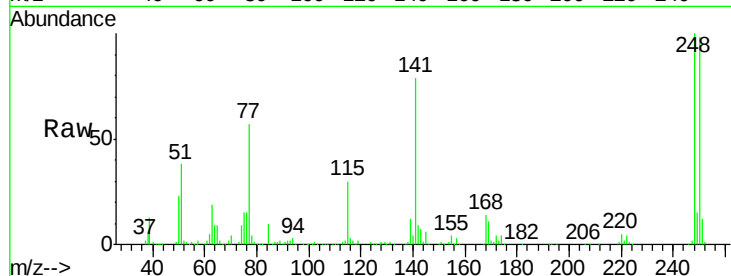
#67
 4-Bromophenyl-phenylether
 Concen: 45.472 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BF110037.D
 Acq: 20 Oct 2018 7:51

Instrument :
 BNA_F
 ClientSampleId :
 PB113996BSD

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	266790		
250	98.1	79.4	119.2	
141	78.8	55.9	83.9	

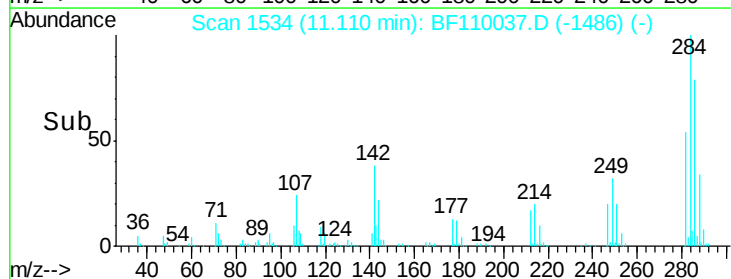
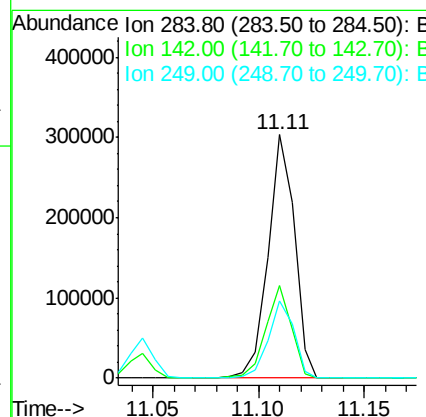
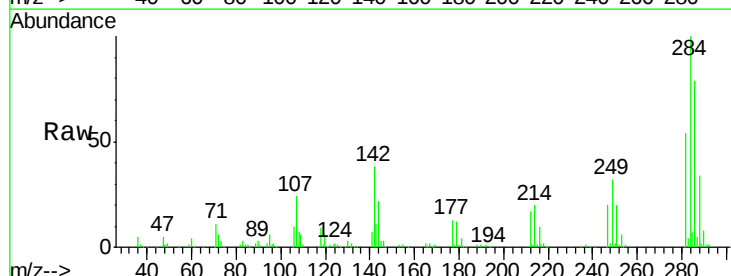
Manual Integrations
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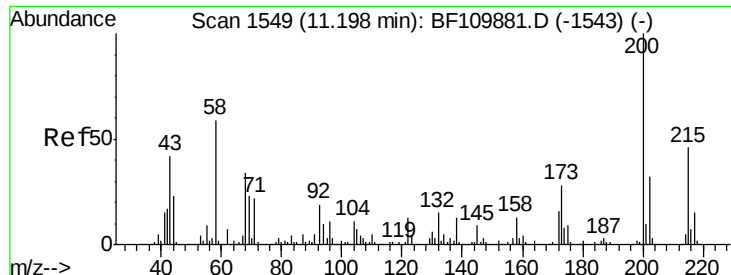
Sohil
 10/22/2018 2:55:59 PM



#68
 Hexachlorobenzene
 Concen: 42.501 ng
 RT: 11.11 min Scan# 1534
 Delta R.T. -0.02 min
 Lab File: BF110037.D
 Acq: 20 Oct 2018 7:51

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	265908		
142	38.2	23.9	35.9#	
249	31.8	24.2	36.2	





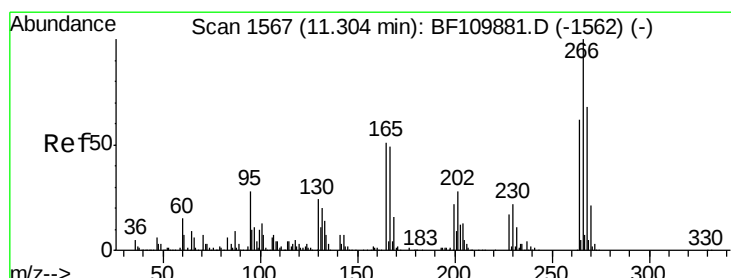
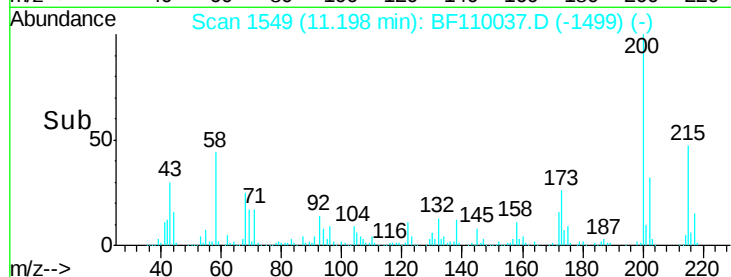
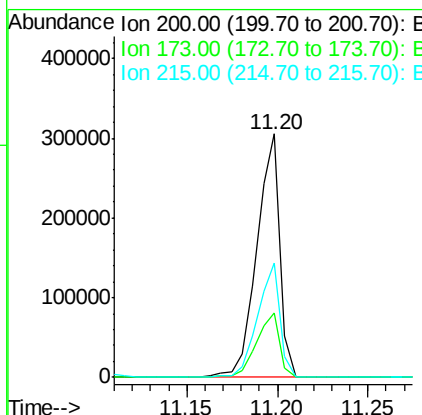
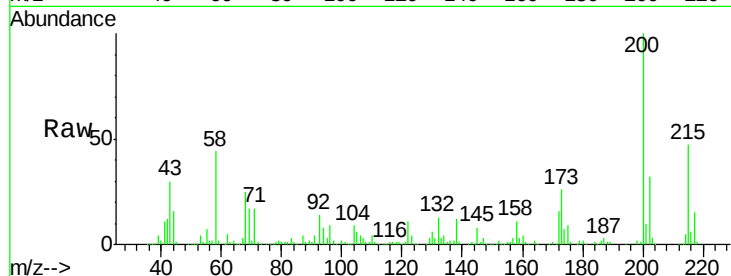
#69
 Atrazine
 Concen: 47.608 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF110037.D
 Acq: 20 Oct 2018 7:51

Instrument :
 BNA_F
 ClientSampleId :
 PB113996BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.3	6.6	46.6
215	46.9	26.3	66.3

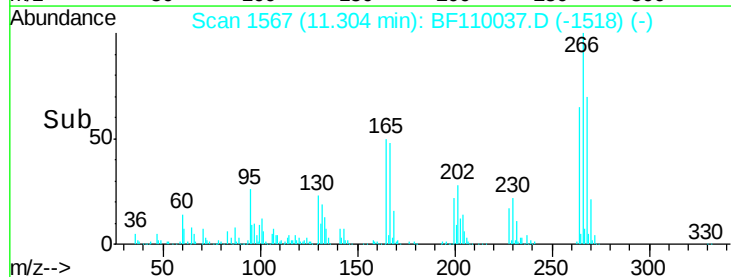
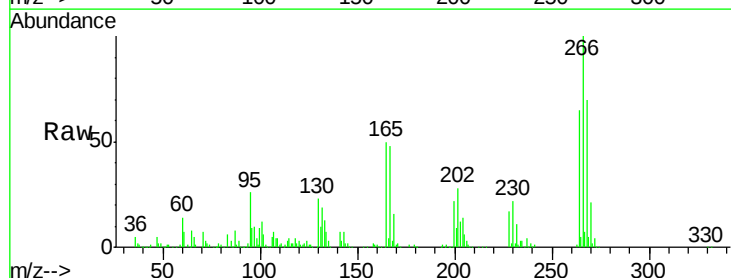
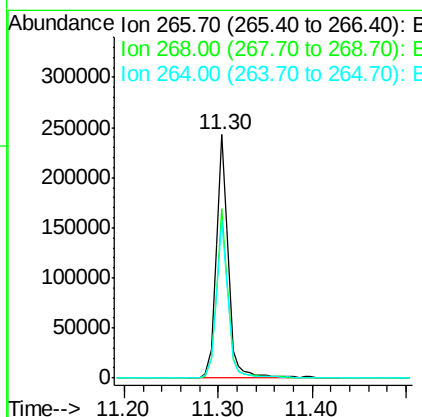
Manual Integrations
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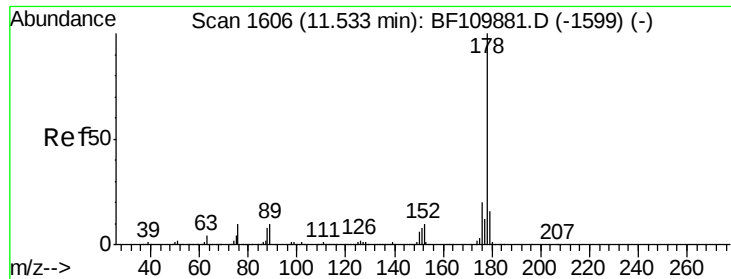
Sohil
 10/22/2018 2:55:59 PM



#70
 Pentachlorophenol
 Concen: 62.890 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BF110037.D
 Acq: 20 Oct 2018 7:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	69.5	50.6	75.8
264	64.6	50.6	75.8





#71

Phenanthrene

Concen: 44.698 ng

RT: 11.53 min Scan# 1606

Delta R.T. -0.01 min

Lab File: BF110037.D

Acq: 20 Oct 2018 7:51

Instrument :

BNA_F

ClientSampleId :

PB113996BSD

Tgt Ion:178 Resp: 1252753

Ion Ratio Lower Upper

178 100

176 19.6 15.5 23.3

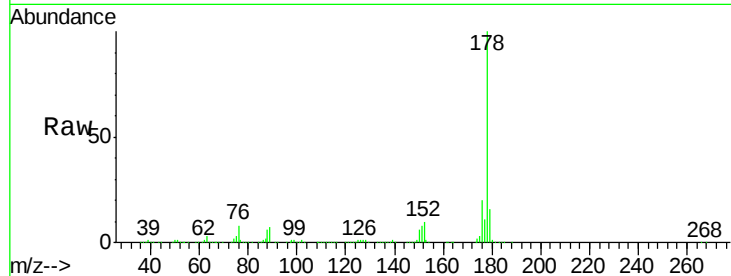
179 16.0 12.5 18.7

Manual Integrations

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Sohil

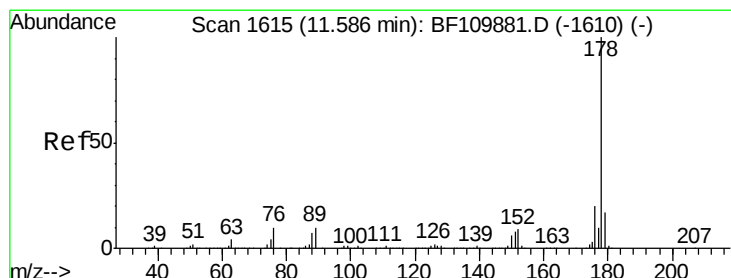
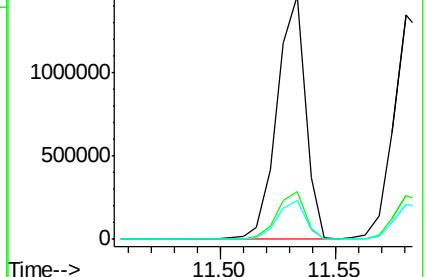
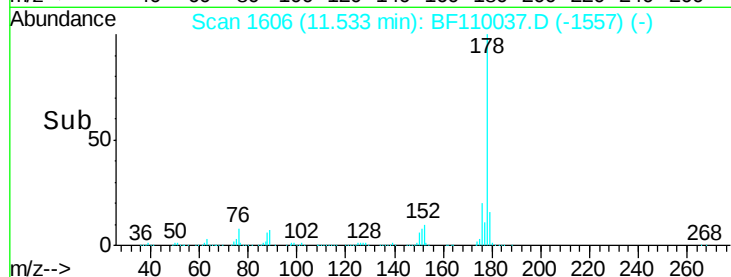
10/22/2018 2:55:59 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 45.313 ng

RT: 11.58 min Scan# 1614

Delta R.T. -0.02 min

Lab File: BF110037.D

Acq: 20 Oct 2018 7:51

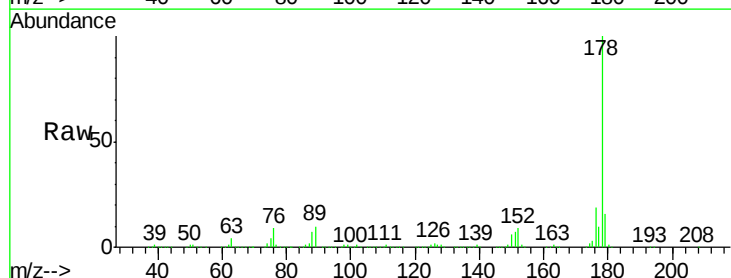
Tgt Ion:178 Resp: 1276822

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

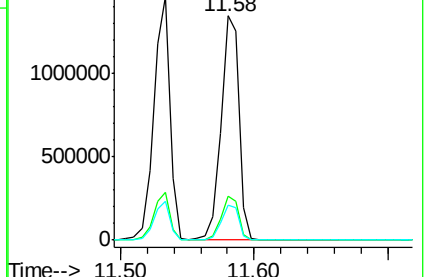
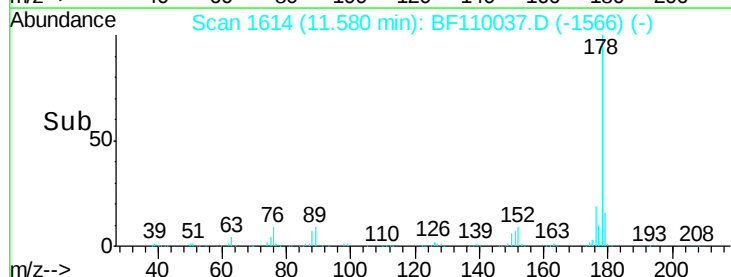
179 15.9 12.6 18.8

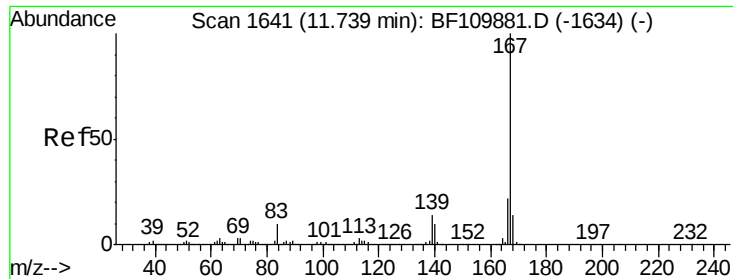


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





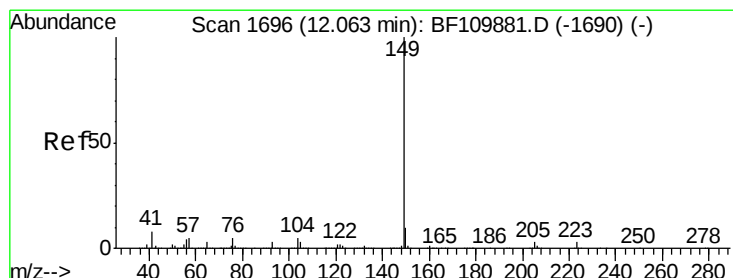
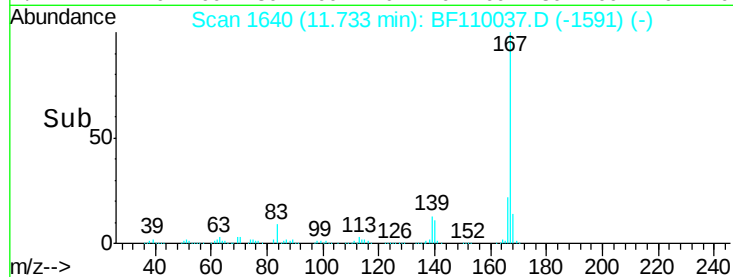
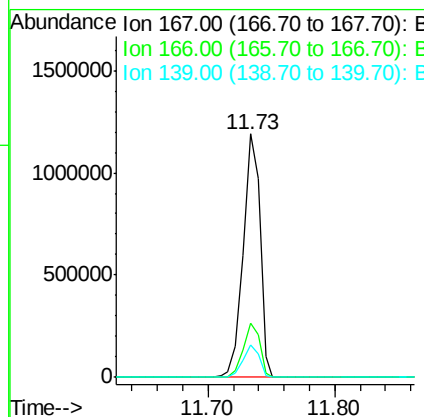
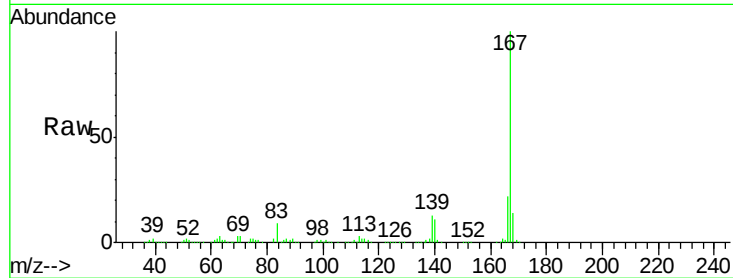
#73
 Carbazole
 Concen: 39.045 ng
 RT: 11.73 min Scan# 1640
 Delta R.T. -0.01 min
 Lab File: BF110037.D
 Acq: 20 Oct 2018 7:51

Instrument :
 BNA_F
 ClientSampleId :
 PB113996BSD

Tgt Ion:167 Resp: 1081247
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.4 26.0
 139 13.2 10.9 16.3

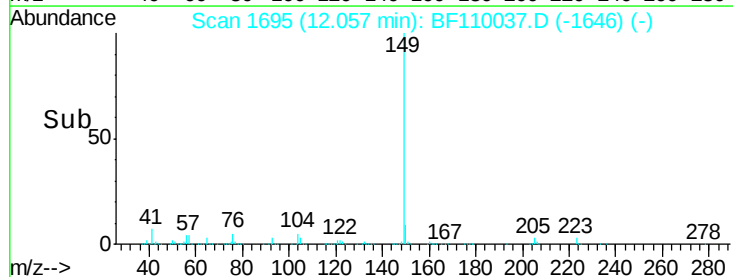
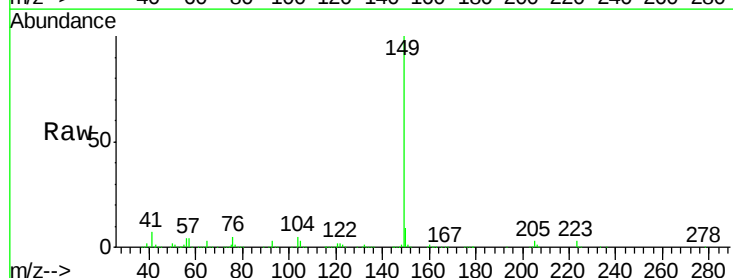
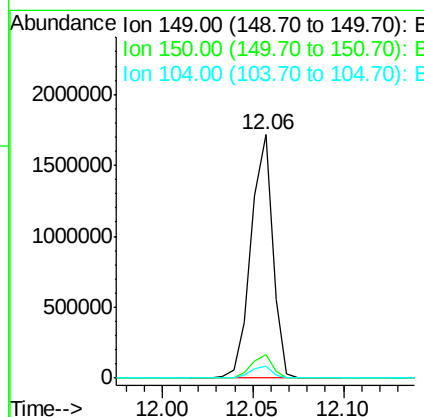
Manual Integrations
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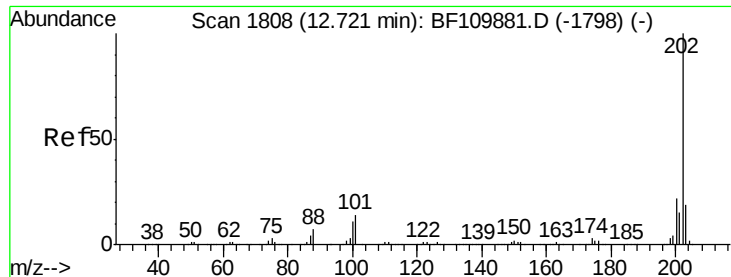
Sohil
 10/22/2018 2:55:59 PM



#74
 Di-n-butylphthalate
 Concen: 46.244 ng
 RT: 12.06 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BF110037.D
 Acq: 20 Oct 2018 7:51

Tgt Ion:149 Resp: 1429183
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.7 11.5
 104 5.0 4.2 6.4





#75

Fluoranthene

Concen: 40.427 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF110037.D

Acq: 20 Oct 2018 7:51

Instrument :

BNA_F

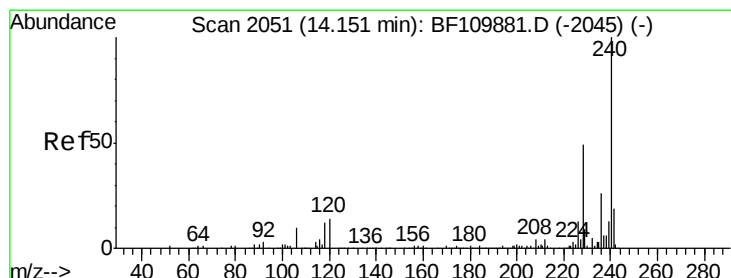
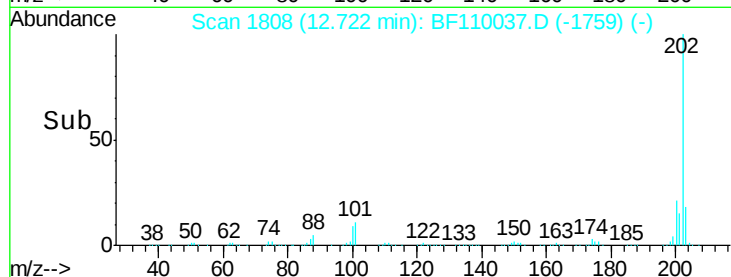
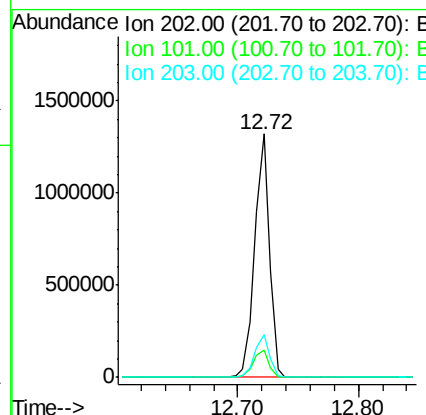
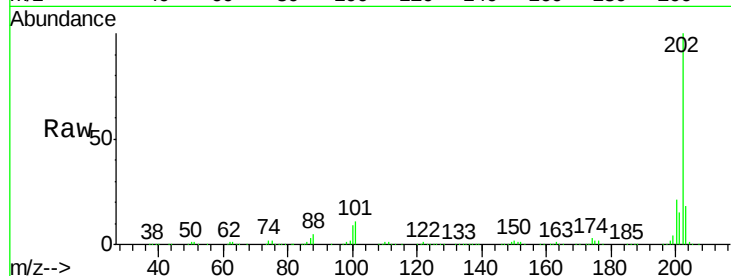
ClientSampleId :

PB113996BSD

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		1131898		
101	11.3	0.0	31.4		
203	17.7	0.0	37.7		

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

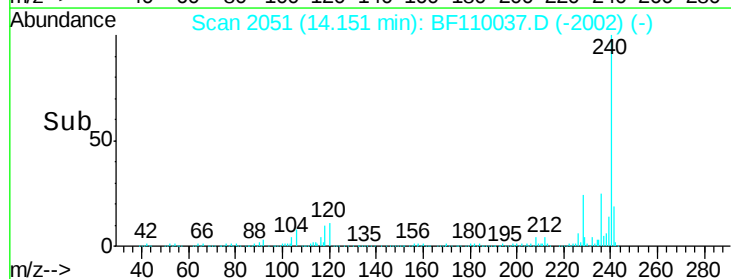
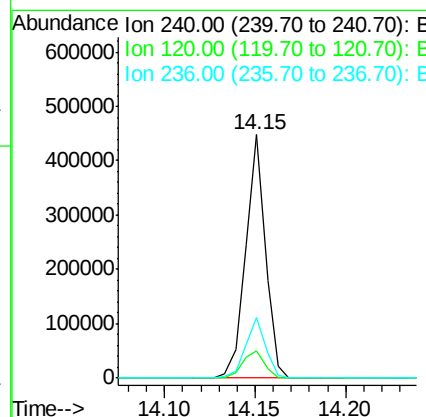
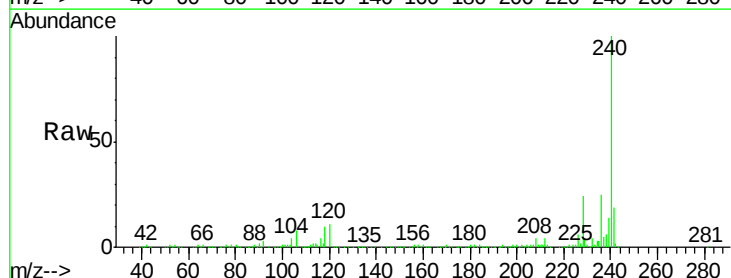
RT: 14.15 min Scan# 2051

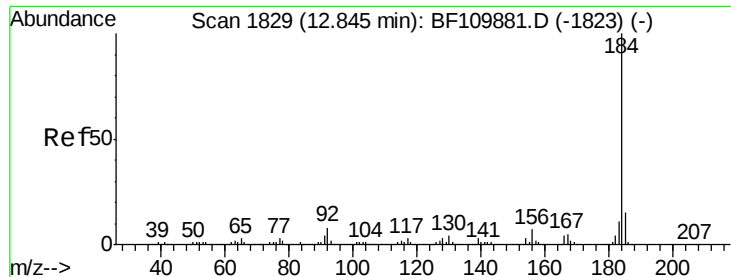
Delta R.T. -0.01 min

Lab File: BF110037.D

Acq: 20 Oct 2018 7:51

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		338518		
120	11.4	8.3	12.5		
236	24.9	21.2	31.8		





#77

Benzidine

Concen: 45.782 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF110037.D

Acq: 20 Oct 2018 7:51

Instrument :

BNA_F

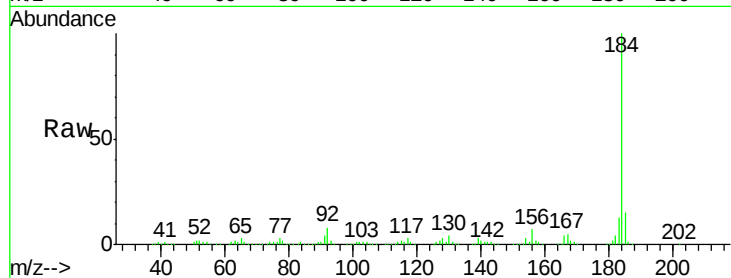
ClientSampleId :

PB113996BSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	594217		
185	15.3		13.4	20.2
183	12.7		9.4	14.2

Manual Integrations
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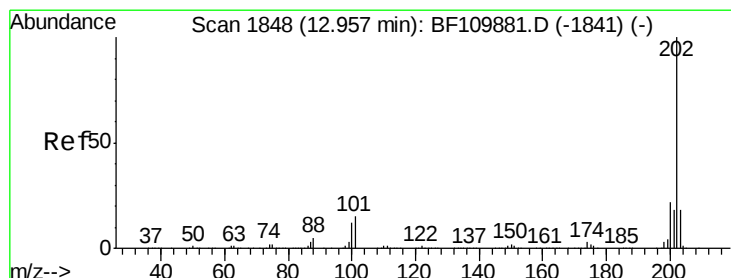
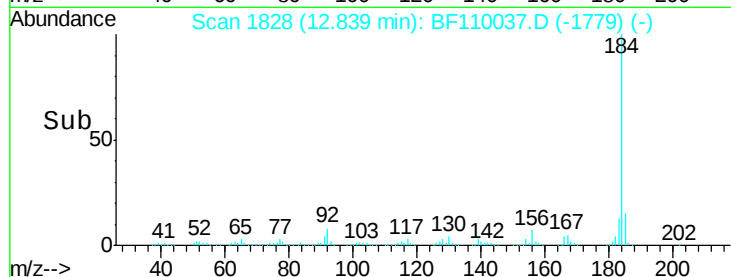
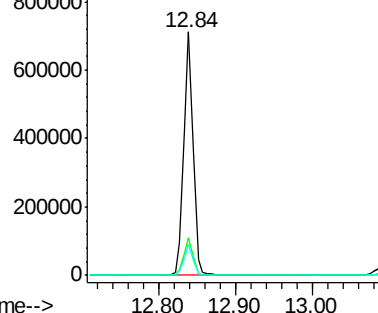
Sohil
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.853 ng

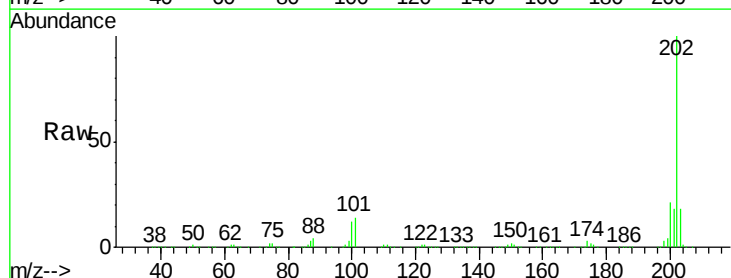
RT: 12.95 min Scan# 1847

Delta R.T. -0.02 min

Lab File: BF110037.D

Acq: 20 Oct 2018 7:51

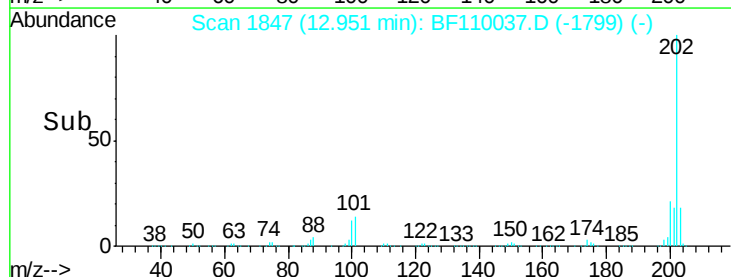
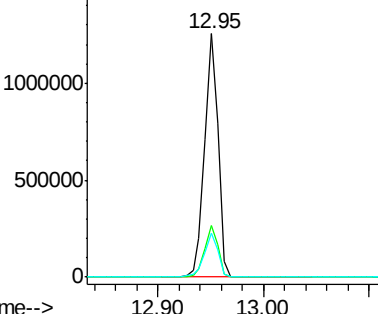
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1090315		
200	21.4		17.8	26.6
203	17.9		14.2	21.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





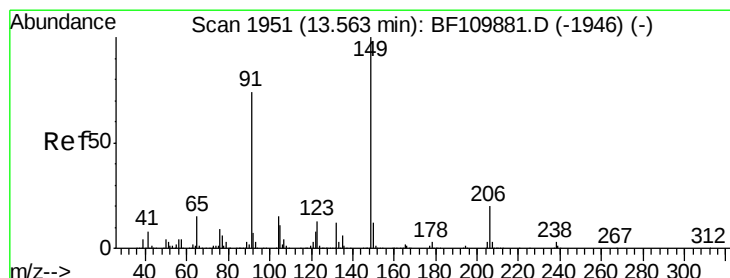
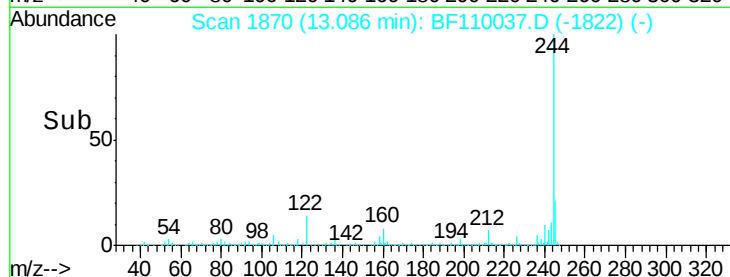
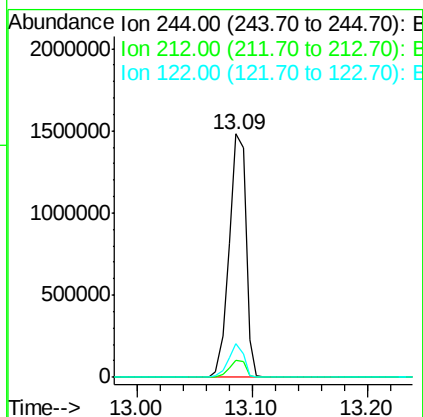
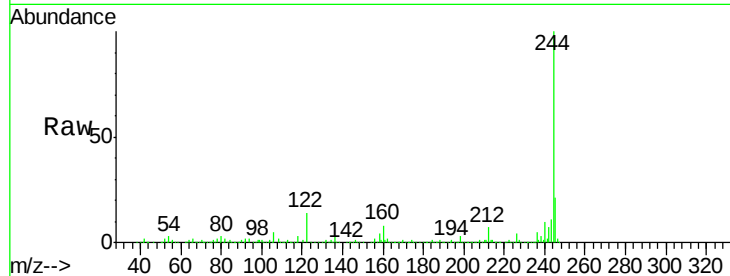
#79
 Terphenyl-d14
 Concen: 92.330 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.02 min
 Lab File: BF110037.D
 Acq: 20 Oct 2018 7:51

Instrument :
 BNA_F
 ClientSampleId :
 PB113996BSD

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	13.6	8.7	13.1

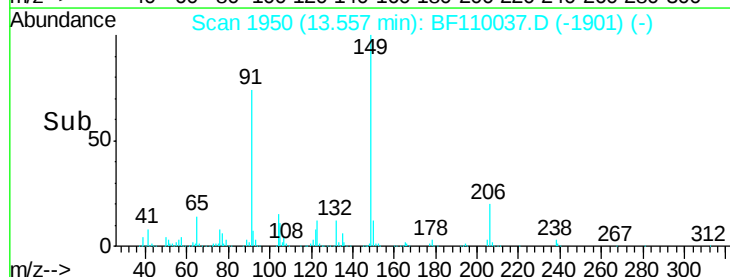
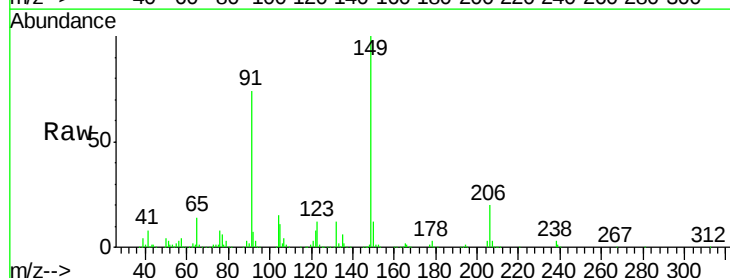
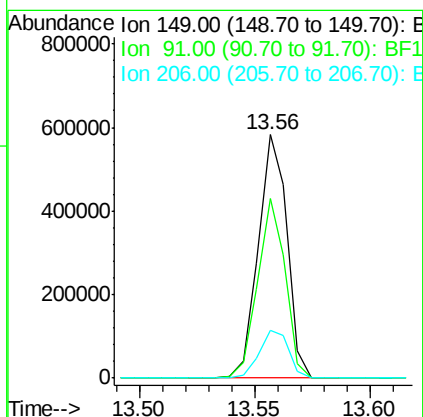
Manual Integrations
 APPROVED

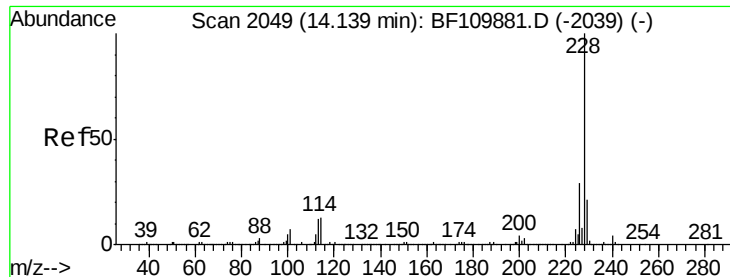
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#80
 Butylbenzylphthalate
 Concen: 50.331 ng
 RT: 13.56 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BF110037.D
 Acq: 20 Oct 2018 7:51

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.7	57.2	85.8
206	19.8	15.7	23.5





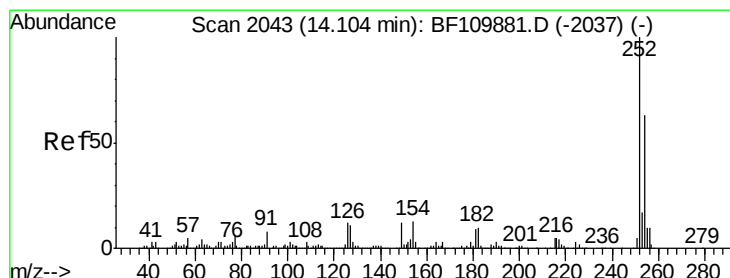
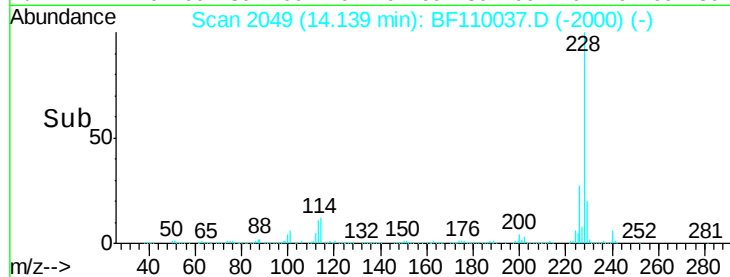
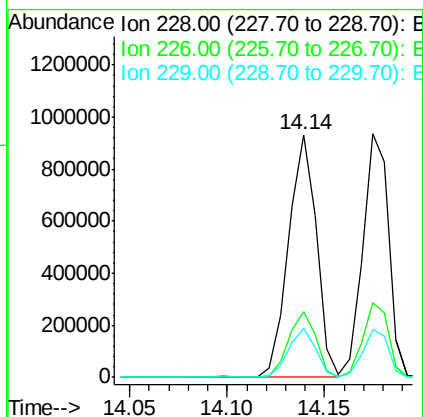
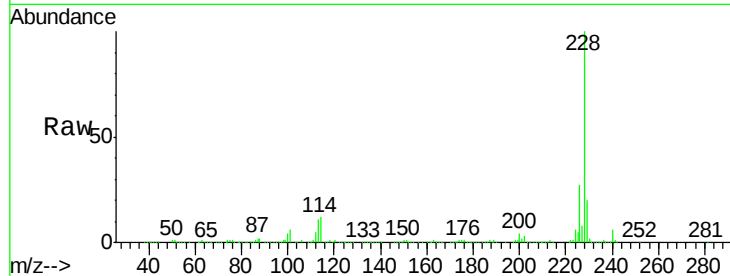
#81
Benzo(a)anthracene
Concen: 46.213 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF110037.D
Acq: 20 Oct 2018 7:51

Instrument :
BNA_F
ClientSampleId :
PB113996BSD

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.1	33.1
229	20.1	15.6	23.4

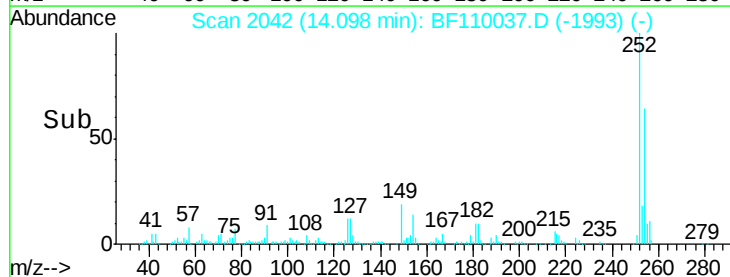
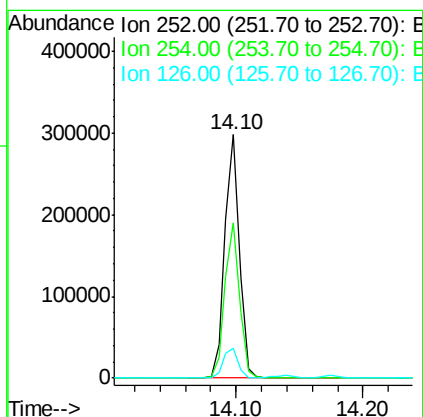
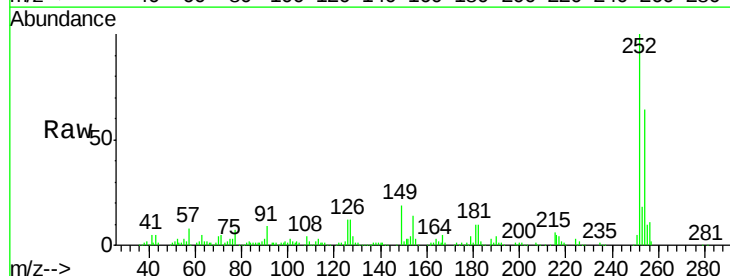
Manual Integrations
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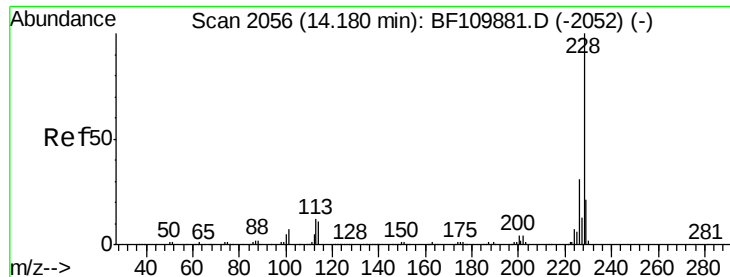
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#82
3,3'-Dichlorobenzidine
Concen: 34.272 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BF110037.D
Acq: 20 Oct 2018 7:51

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.3	76.9
126	12.2	9.4	14.2





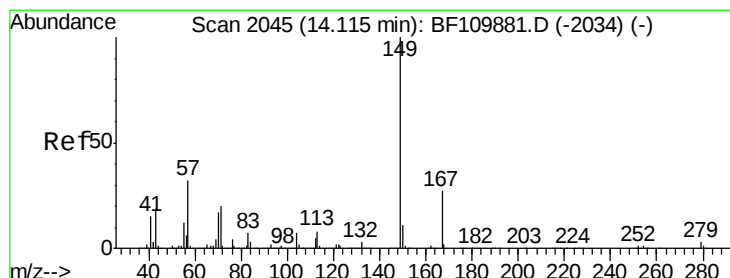
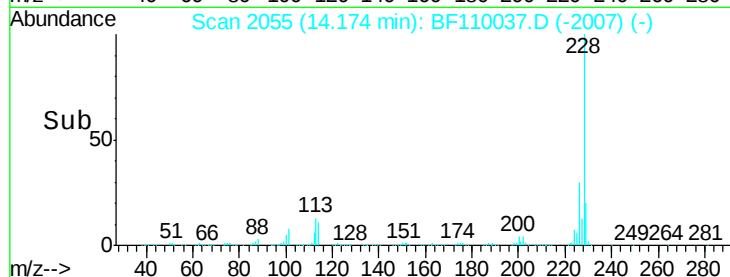
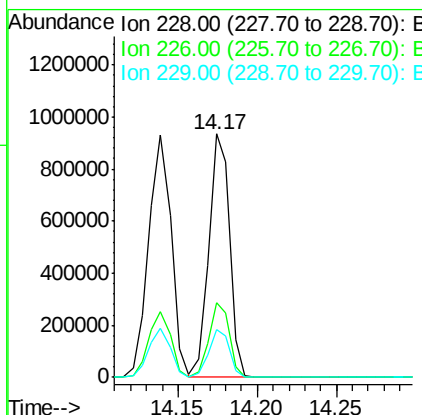
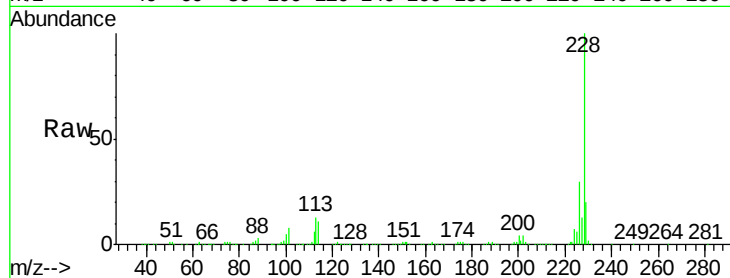
#83
Chrysene
Concen: 45.101 ng
RT: 14.17 min Scan# 2055
Delta R.T. -0.02 min
Lab File: BF110037.D
Acq: 20 Oct 2018 7:51

Instrument :
BNA_F
ClientSampleId :
PB113996BSD

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.7	37.1
229	19.8	15.9	23.9

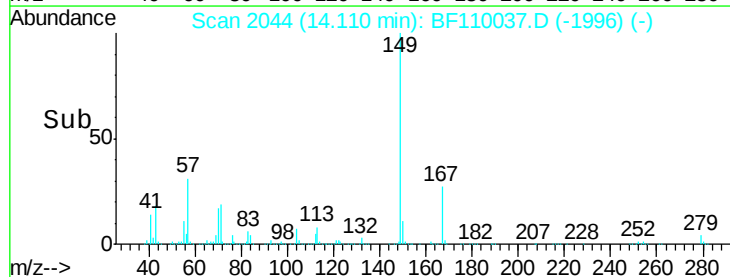
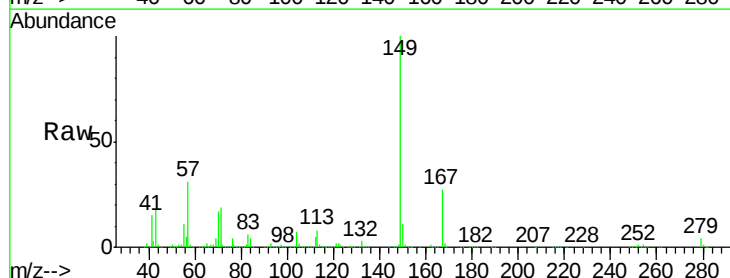
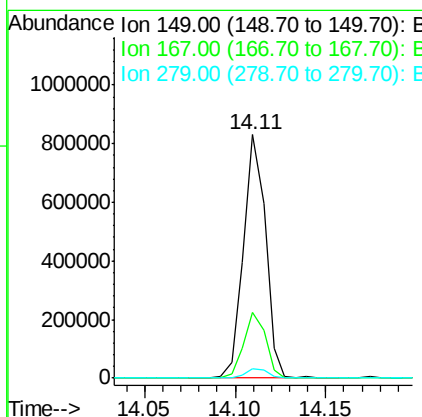
Manual Integrations
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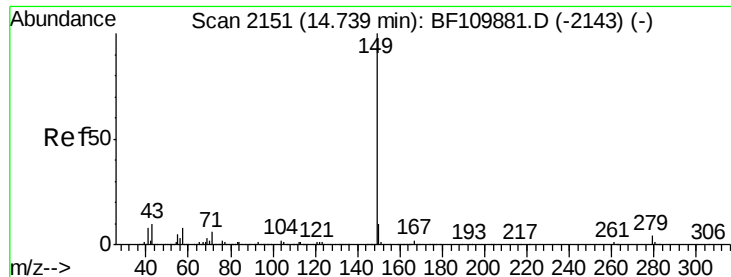
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#84
Bis(2-ethylhexyl)phthalate
Concen: 53.276 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.02 min
Lab File: BF110037.D
Acq: 20 Oct 2018 7:51

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.0	19.8	29.8
279	3.7	2.7	4.1





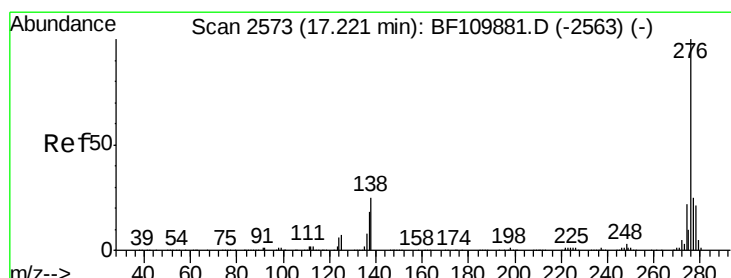
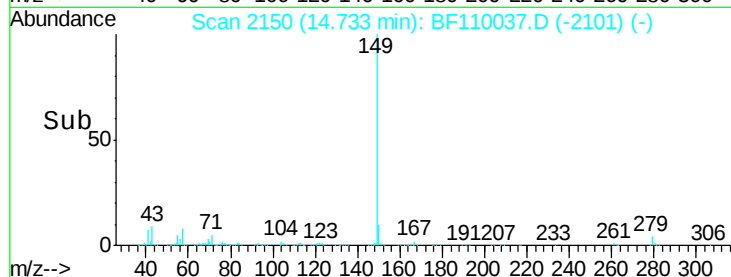
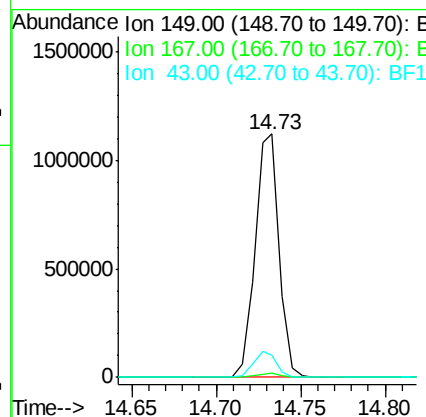
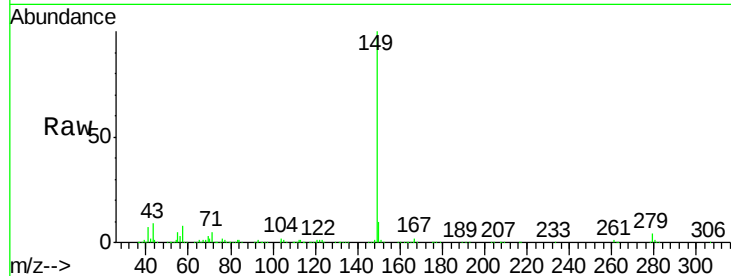
#85
Di-n-octyl phthalate
Concen: 59.412 ng
RT: 14.73 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BF110037.D
Acq: 20 Oct 2018 7:51

Instrument :
BNA_F
ClientSampleId :
PB113996BSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	10.3	7.8	11.8

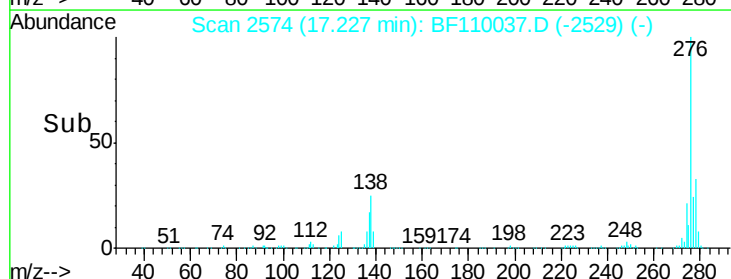
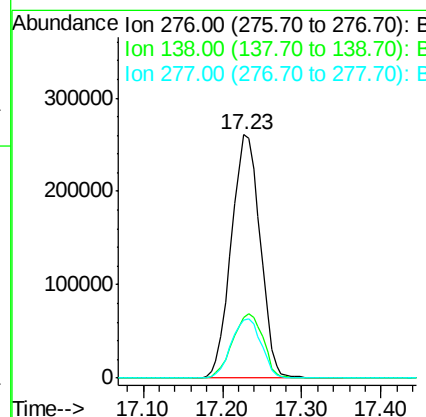
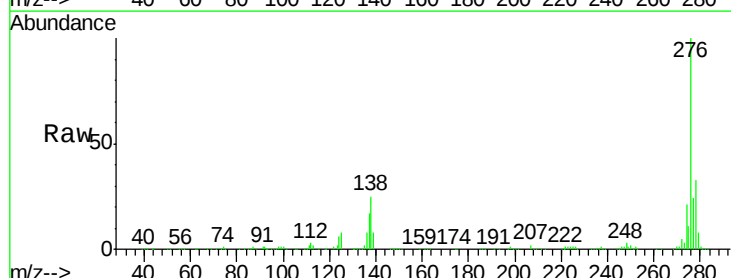
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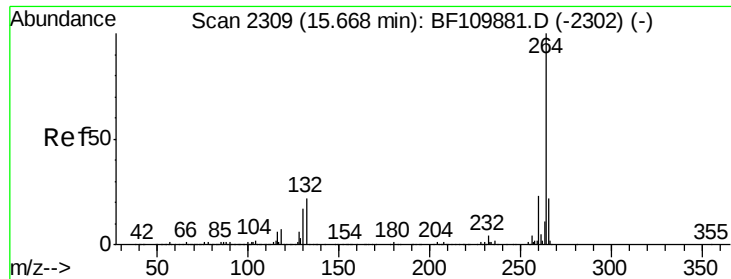
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#86
Indeno(1,2,3-cd)pyrene
Concen: 43.120 ng
RT: 17.23 min Scan# 2574
Delta R.T. -0.04 min
Lab File: BF110037.D
Acq: 20 Oct 2018 7:51

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.9	18.5	27.7#
277	25.2	20.0	30.0





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2309

Delta R.T. -0.02 min

Lab File: BF110037.D

Acq: 20 Oct 2018 7:51

Instrument :

BNA_F

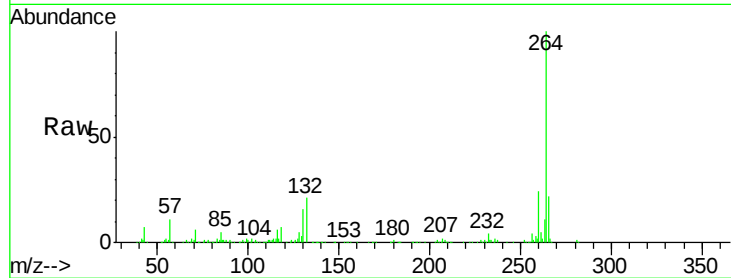
ClientSampleId :

PB113996BSD

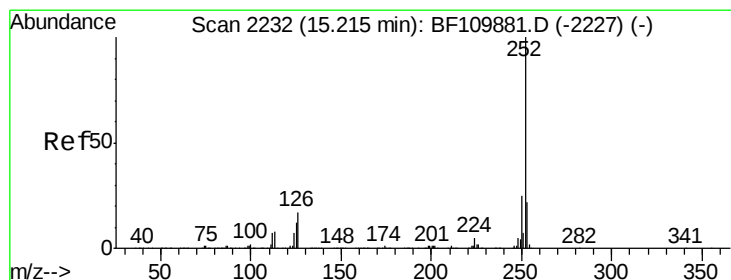
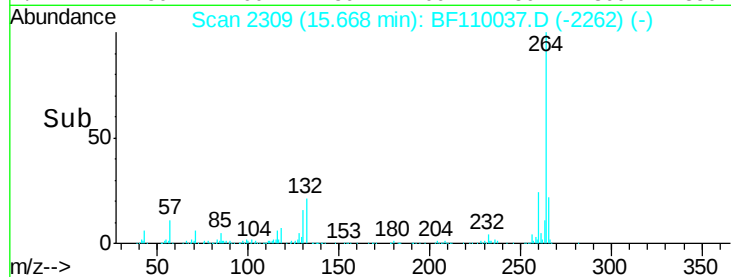
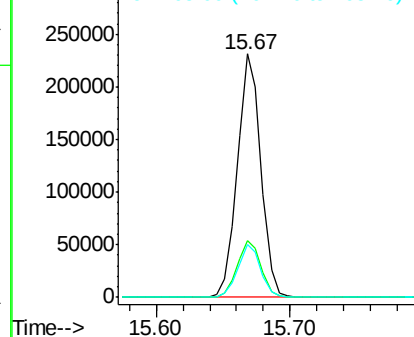
Tgt Ion	Ratio	Resp	Lower	Upper
264	100	283987		
260	23.5	18.7	28.1	
265	21.7	16.7	25.1	

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



#88

Benzo(b)fluoranthene

Concen: 48.702 ng

RT: 15.22 min Scan# 2232

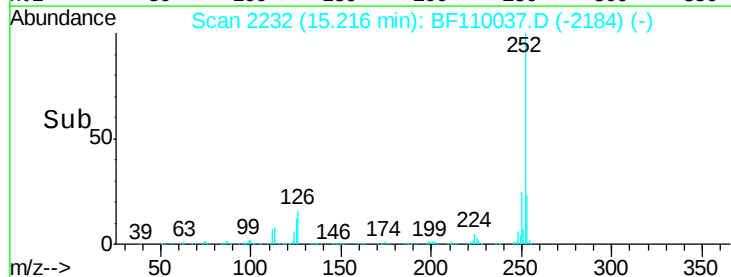
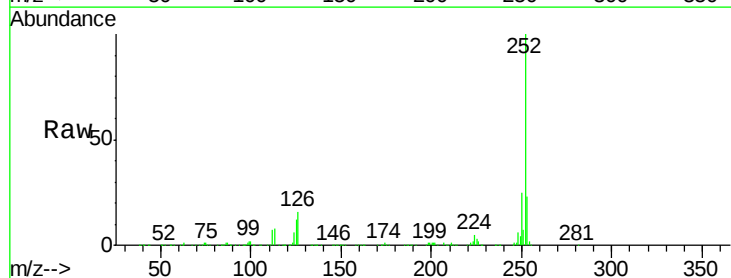
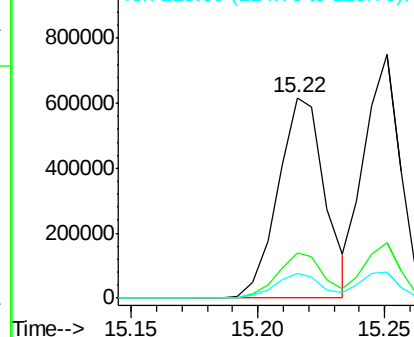
Delta R.T. -0.02 min

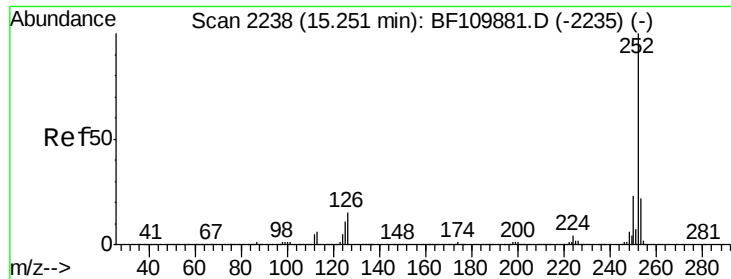
Lab File: BF110037.D

Acq: 20 Oct 2018 7:51

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	797375		
253	22.5	17.2	25.8	
125	12.1	8.2	12.4	

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





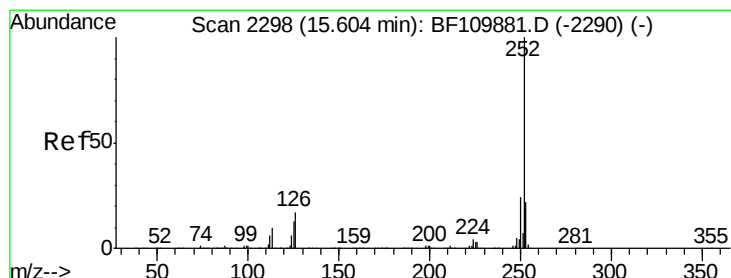
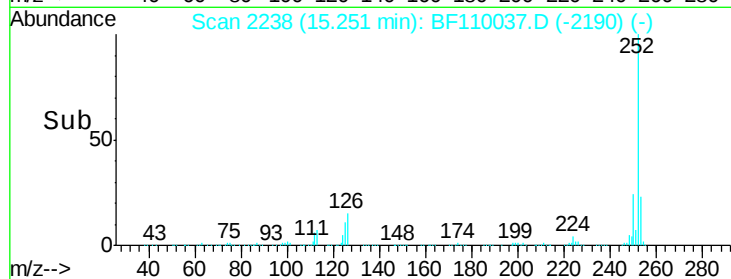
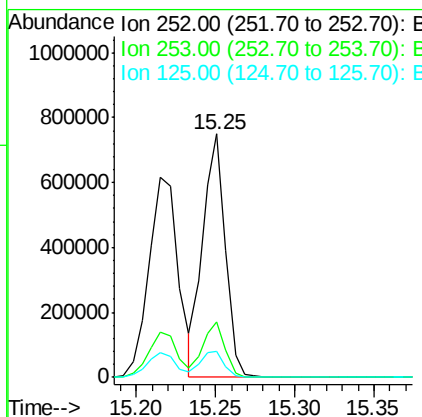
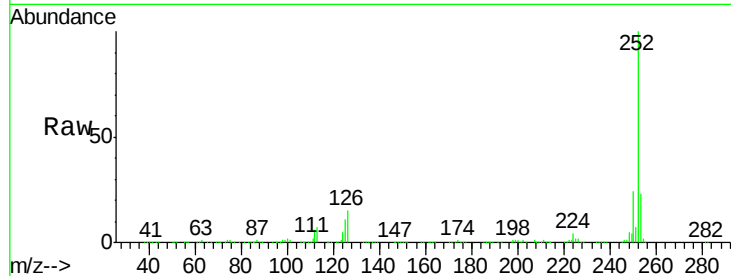
#89
Benzo(k)fluoranthene
Concen: 46.279 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.02 min
Lab File: BF110037.D
Acq: 20 Oct 2018 7:51

Instrument :
BNA_F
ClientSampleId :
PB113996BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	10.9	7.4	11.0

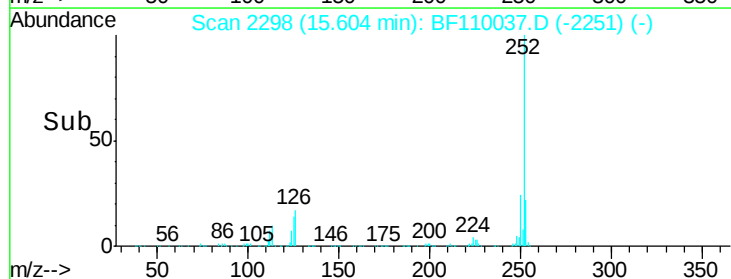
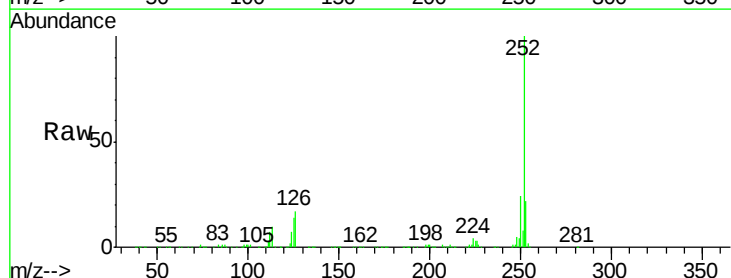
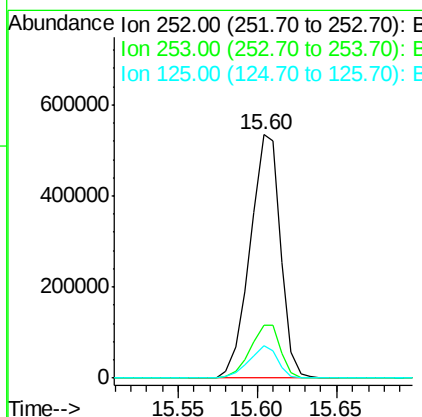
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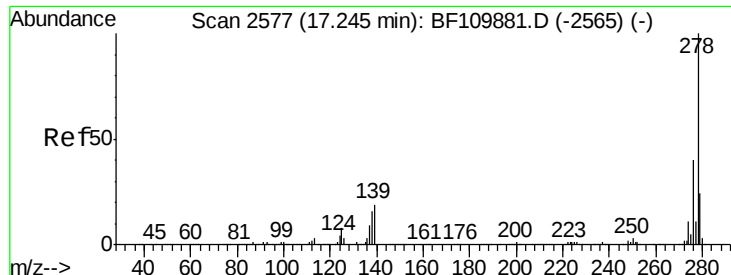
Sohil
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#90
Benzo(a)pyrene
Concen: 47.411 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.02 min
Lab File: BF110037.D
Acq: 20 Oct 2018 7:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.4
125	13.5	9.0	13.6





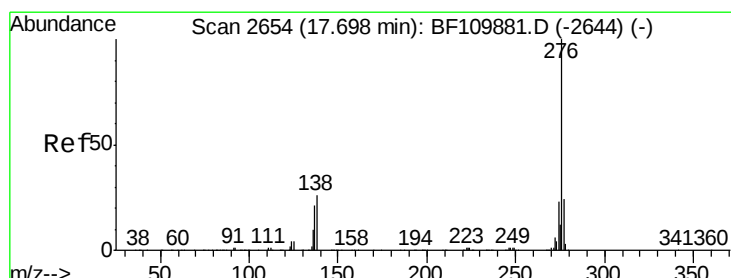
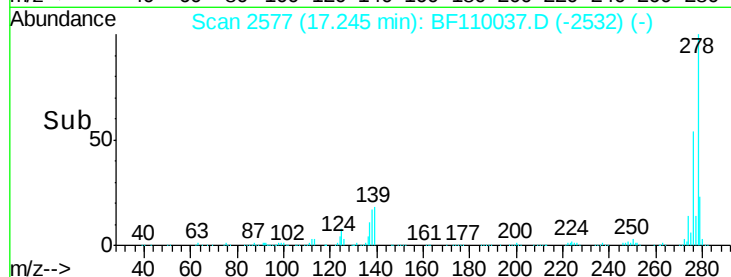
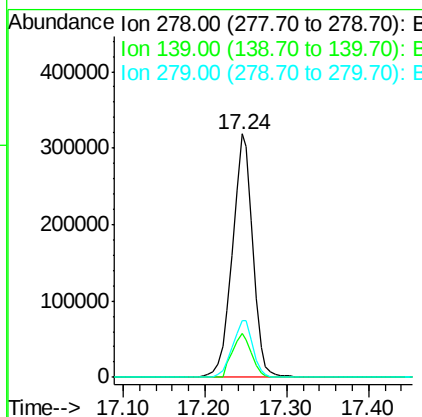
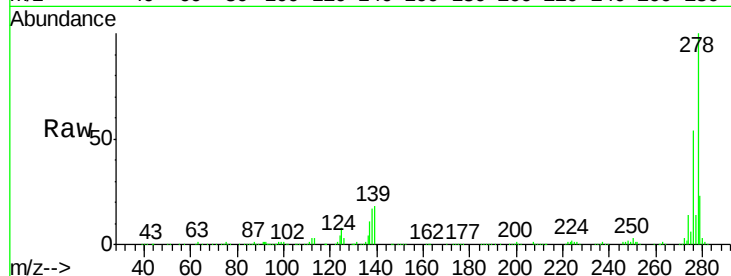
#91
Dibenzo(a,h)anthracene
Concen: 41.501 ng
RT: 17.24 min Scan# 2577
Delta R.T. -0.04 min
Lab File: BF110037.D
Acq: 20 Oct 2018 7:51

Instrument :
BNA_F
ClientSampleId :
PB113996BSD

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.9	12.7	19.1
279	23.2	19.0	28.4

Manual Integrations
APPROVED

Sohil
10/22/2018 2:55:59 PM



#92
Benzo(g,h,i)perylene
Concen: 38.892 ng
RT: 17.70 min Scan# 2655
Delta R.T. -0.04 min
Lab File: BF110037.D
Acq: 20 Oct 2018 7:51

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	23.1	16.0	24.0

