

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110818\
 Data File : BF110611.D
 Acq On : 9 Nov 2018 4:05
 Operator : JU/SJ
 Sample : PB114627BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB114627BS

Manual Integrations
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Sohil
 11/9/2018 4:26:23 PM

Quant Time: Nov 09 13:42:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 08 14:14:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	75045	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	303342	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	131650	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	201730	20.00	ng	0.00
76) Chrysene-d12	14.13	240	151196	20.00	ng	0.00
87) Perylene-d12	15.65	264	118319	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.57	112	460333	99.64	ng	0.01
7) Phenol-d6	6.57	99	574938	97.32	ng	0.00
23) Nitrobenzene-d5	7.52	82	522788	99.25	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	116087	87.51	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	964365	104.62	ng	0.00
79) Terphenyl-d14	13.06	244	612162	75.82	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.85	88	70368	30.568	ng	89
3) Pyridine	3.62	79	209065	42.075	ng	# 86
4) n-Nitrosodimethylamine	3.59	42	111985	52.526	ng	89
6) Aniline	6.61	93	152596	19.806	ng	# 54
8) 2-Chlorophenol	6.73	128	247852	45.762	ng	99
9) Benzaldehyde	6.50	77	136773	44.344	ng	99
10) Phenol	6.59	94	298536	43.578	ng	# 65
11) bis(2-Chloroethyl)ether	6.68	93	224389	43.706	ng	96
12) 1,3-Dichlorobenzene	6.89	146	258258	43.580	ng	98
13) 1,4-Dichlorobenzene	6.96	146	261405	43.440	ng	100
14) 1,2-Dichlorobenzene	7.12	146	243072	43.421	ng	100
15) Benzyl Alcohol	7.09	79	211890	45.830	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.21	45	361108	44.789	ng	72
17) 2-Methylphenol	7.19	107	202970	47.088	ng	# 83
18) Hexachloroethane	7.45	117	91862	41.350	ng	93
19) n-Nitroso-di-n-propylamine	7.36	70	166636	44.186	ng	95
20) 3+4-Methylphenols	7.35	107	254957	46.077	ng	91
22) Acetophenone	7.36	105	338535	47.886	ng	# 94
24) Nitrobenzene	7.53	77	255330	47.312	ng	94
25) Isophorone	7.76	82	457828	53.031	ng	98
26) 2-Nitrophenol	7.85	139	122601	45.538	ng	97
27) 2,4-Dimethylphenol	7.87	122	229090	55.873	ng	98
28) bis(2-Chloroethoxy)methane	7.97	93	290635	49.721	ng	100
29) 2,4-Dichlorophenol	8.09	162	201716	47.812	ng	98
30) 1,2,4-Trichlorobenzene	8.17	180	215900	45.388	ng	95
31) Naphthalene	8.25	128	699036	49.089	ng	100
32) Benzoic acid	7.98	122	51242	17.663	ng	97
33) 4-Chloroaniline	8.30	127	63488	9.843	ng	98
34) Hexachlorobutadiene	8.36	225	121720	44.800	ng	98
35) Caprolactam	8.67	113	60022m	42.582	ng	
36) 4-Chloro-3-methylphenol	8.78	107	214227	47.082	ng	96
37) 2-Methylnaphthalene	8.94	142	476509	51.044	ng	99
38) 1-Methylnaphthalene	9.04	142	442717	49.313	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.11	216	201126	48.264	ng	99

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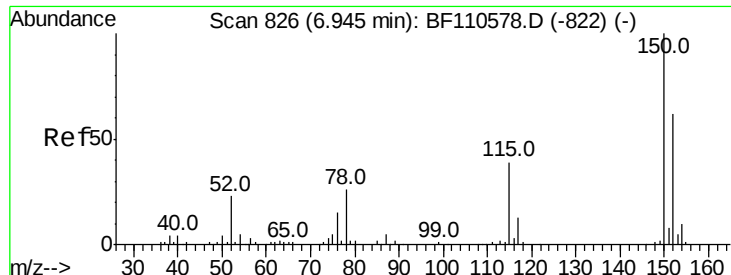
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.09	237	61261	41.741	nq	98
43) 2,4,6-Trichlorophenol	9.22	196	128013	48.884	nq	98
44) 2,4,5-Trichlorophenol	9.26	196	135565	48.532	nq	95
46) 1,1'-Biphenyl	9.40	154	573078	46.663	nq	100
47) 2-Chloronaphthalene	9.43	162	418289	47.276	nq	99
48) 2-Nitroaniline	9.53	65	133092	48.814	nq	95
49) Acenaphthylene	9.85	152	642489	50.423	nq	99
50) Dimethylphthalate	9.70	163	503451	51.250	nq	99
51) 2,6-Dinitrotoluene	9.77	165	105493	48.818	nq	90
52) Acenaphthene	10.02	154	383051	47.569	nq	98
53) 3-Nitroaniline	9.95	138	56831	22.700	nq	85
54) 2,4-Dinitrophenol	10.06	184	18561	24.996	nq	91
55) Dibenzofuran	10.19	168	551758	46.834	nq	98
56) 4-Nitrophenol	10.11	139	198512	119.518	nq	95
57) 2,4-Dinitrotoluene	10.18	165	130058	46.289	nq	97
58) Fluorene	10.54	166	425614	47.033	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.32	232	99417	45.242	nq	# 92
60) Diethylphthalate	10.40	149	475547	48.932	nq	99
61) 4-Chlorophenyl-phenylether	10.52	204	209545	44.723	nq	98
62) 4-Nitroaniline	10.56	138	88468	35.092	nq	92
63) Azobenzene	10.69	77	433274	45.696	nq	97
65) 4,6-Dinitro-2-methylphenol	10.59	198	16071	15.807	nq	79
66) n-Nitrosodiphenylamine	10.65	169	372844	54.833	nq	96
67) 4-Bromophenyl-phenylether	11.02	248	117931	52.895	nq	93
68) Hexachlorobenzene	11.09	284	116165	49.419	nq	# 89
69) Atrazine	11.17	200	118226	56.865	nq	99
70) Pentachlorophenol	11.29	266	93066	74.200	nq	97
71) Phenanthrene	11.50	178	554077	51.267	nq	99
72) Anthracene	11.56	178	570106	52.292	nq	99
73) Carbazole	11.72	167	485717	46.390	nq	98
74) Di-n-butylphthalate	12.02	149	656150	53.441	nq	99
75) Fluoranthene	12.70	202	514948	47.525	nq	100
77) Benzidine	12.82	184	320940	77.188	nq	98
78) Pyrene	12.93	202	513343	44.095	nq	97
80) Butylbenzylphthalate	13.53	149	240769	48.051	nq	97
81) Benzo(a)anthracene	14.12	228	467098	51.686	nq	100
82) 3,3'-Dichlorobenzidine	14.07	252	130606	43.142	nq	99
83) Chrysene	14.16	228	435101	50.536	nq	99
84) Bis(2-ethylhexyl)phthalate	14.08	149	324106	52.141	nq	# 95
85) Di-n-octyl phthalate	14.70	149	563595	61.658	nq	99
86) Indeno(1,2,3-cd)pyrene	17.23	276	310757	50.298	nq	97
88) Benzo(b)fluoranthene	15.20	252	391019	55.242	nq	97
89) Benzo(k)fluoranthene	15.23	252	363163	51.924	nq	99
90) Benzo(a)pyrene	15.59	252	343016	53.337	nq	98
91) Dibenzo(a,h)anthracene	17.23	278	262313	48.199	nq	98
92) Benzo(g,h,i)perylene	17.70	276	252909	46.837	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF110611.D

Acq: 9 Nov 2018 4:05

Instrument :

BNA_F

ClientSampleId :

PB114627BS

Tot Ion:152 Resp: 75045

Ion Ratio Lower Upper

152 100

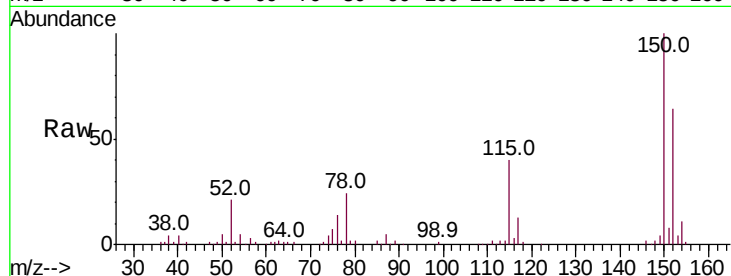
150 156.9 122.7 184.1

115 62.7 49.1 73.7

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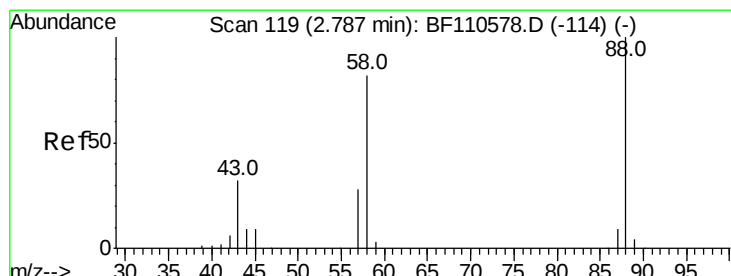
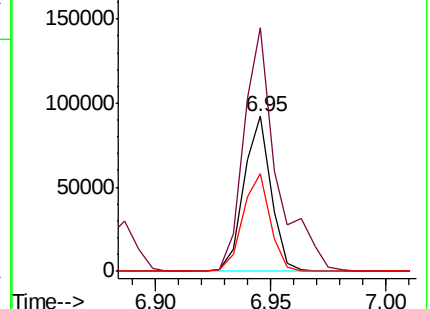
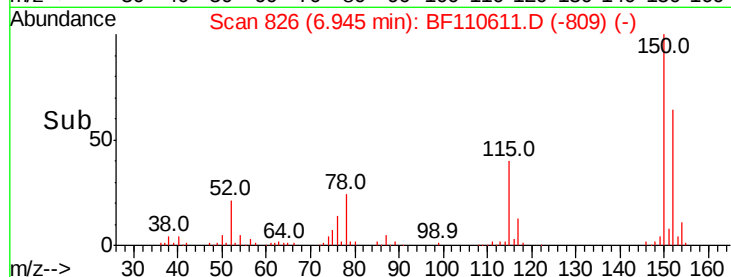
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 30.568 ng

RT: 2.85 min Scan# 130

Delta R.T. 0.06 min

Lab File: BF110611.D

Acq: 9 Nov 2018 4:05

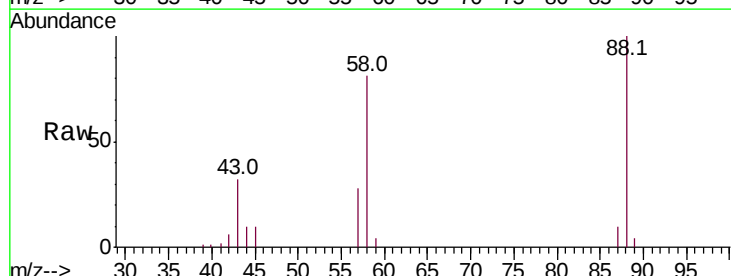
Tgt Ion: 88 Resp: 70368

Ion Ratio Lower Upper

88 100

58 83.1 57.1 85.7

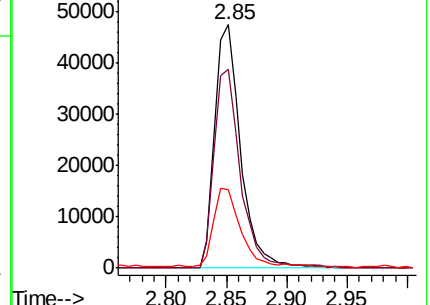
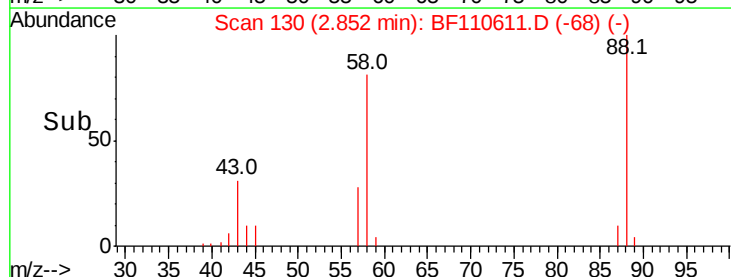
43 32.8 24.1 36.1

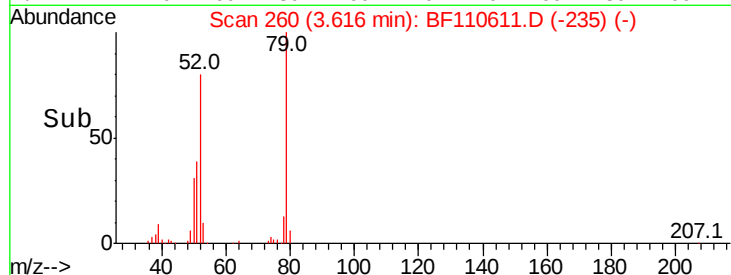
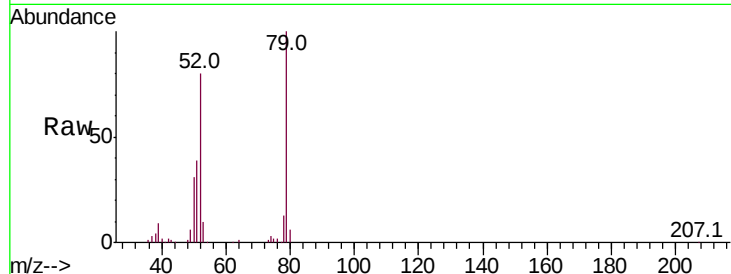
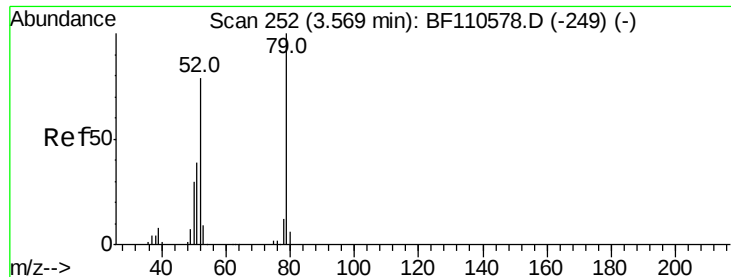


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





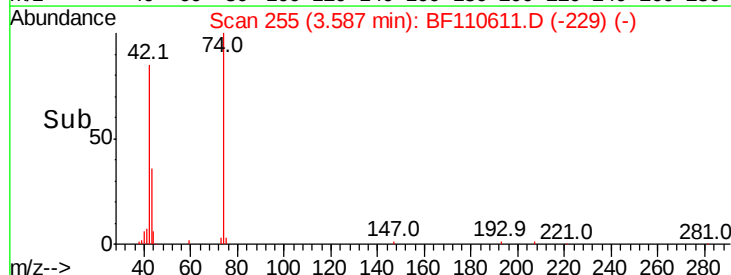
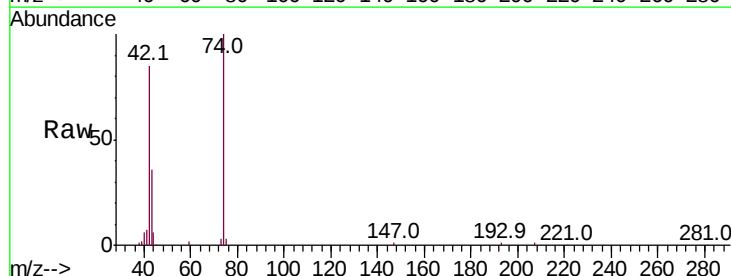
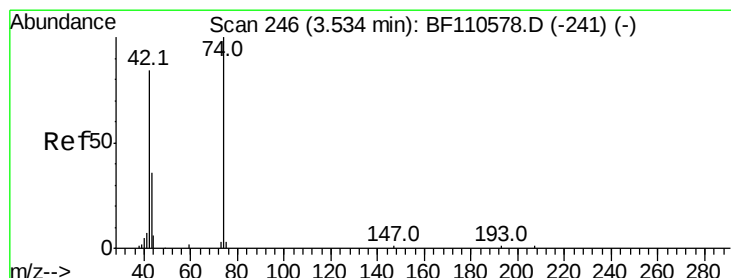
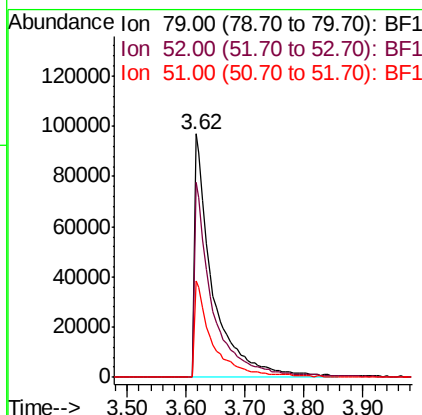
#3
Pvridine
Concen: 42.075 ng
RT: 3.62 min Scan# 260
Delta R.T. 0.05 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Tot Ion: 79 Resp: 209065
Ion Ratio Lower Upper
79 100
52 80.1 53.1 79.7#
51 39.4 27.4 41.2

Instrument :
BNA_F
ClientSampleId :
PB114627BS

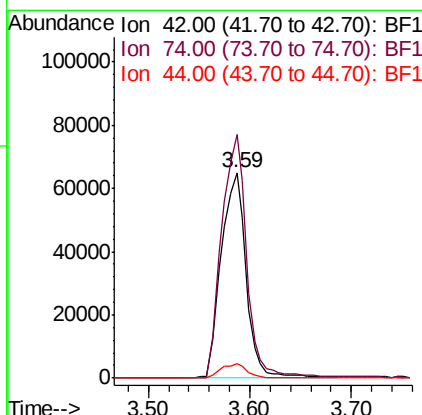
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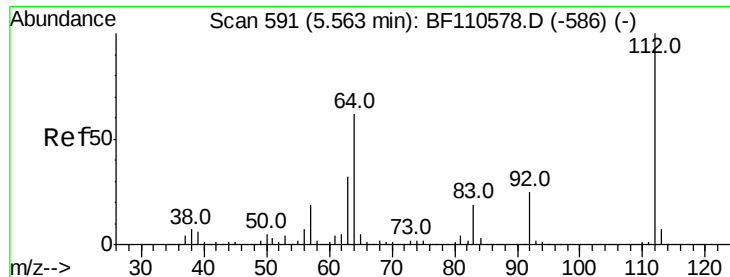
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#4
n-Nitrosodimethylamine
Concen: 52.526 ng
RT: 3.59 min Scan# 255
Delta R.T. 0.05 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Tgt Ion: 42 Resp: 111985
Ion Ratio Lower Upper
42 100
74 118.3 105.5 158.3
44 6.9 4.9 7.3





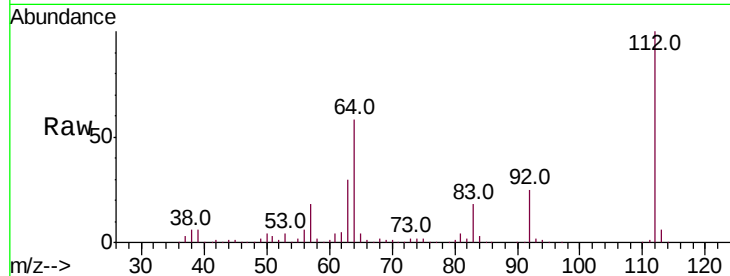
#5
2-Fluorophenol
Concen: 99.637 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.01 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Instrument :
BNA_F
ClientSampleId :
PB114627BS

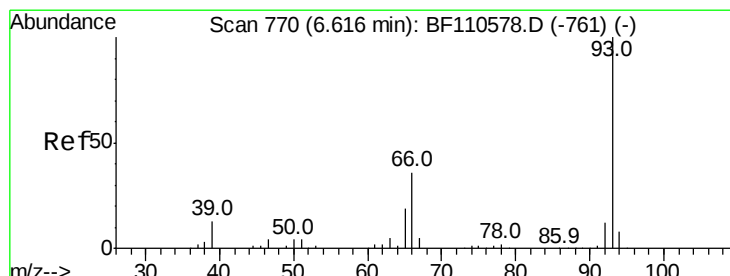
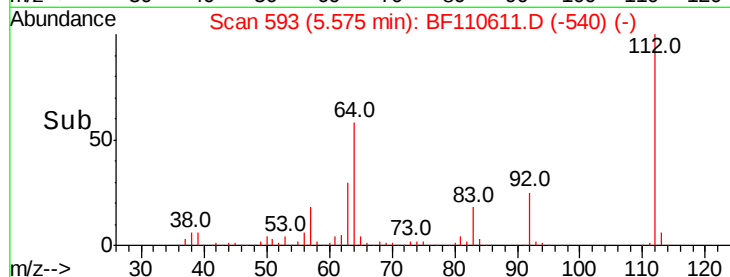
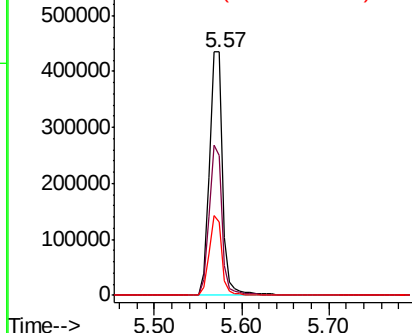
Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	57.7	44.1	66.1
63	30.0	23.7	35.5

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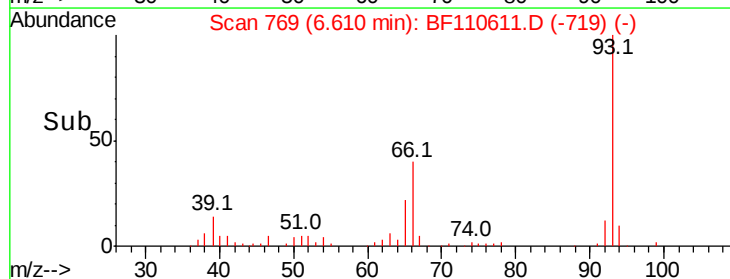
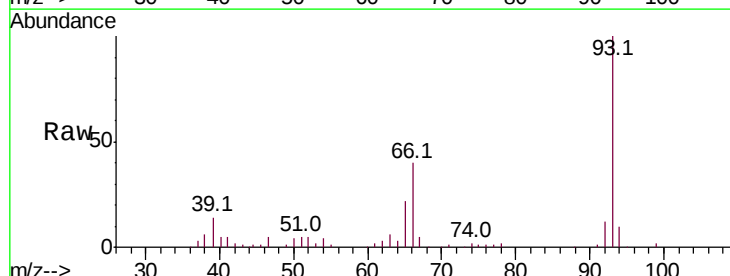
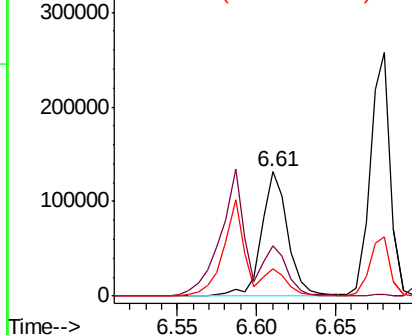
Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

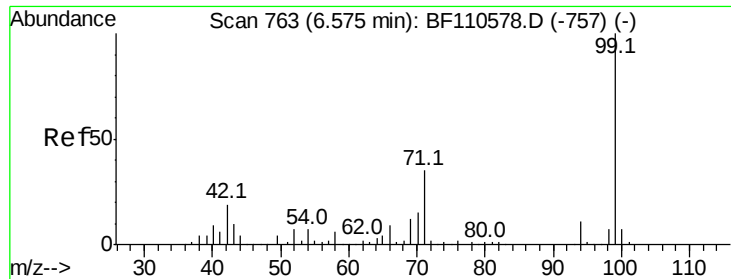


#6
Aniline
Concen: 19.806 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	40.5	67.4	101.0#
65	21.8	41.0	61.4#

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





#7

Phenol-d6

Concen: 97.315 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF110611.D

Acq: 9 Nov 2018 4:05

Instrument :

BNA_F

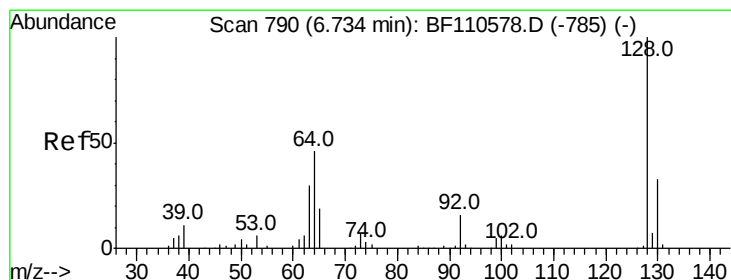
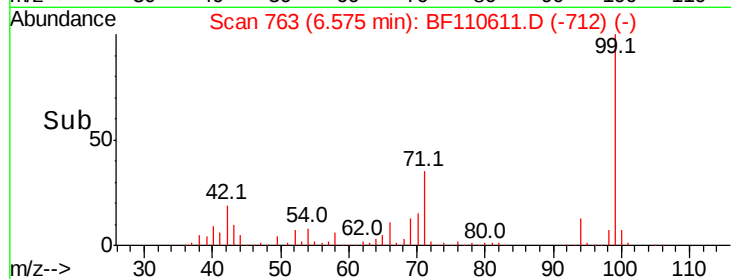
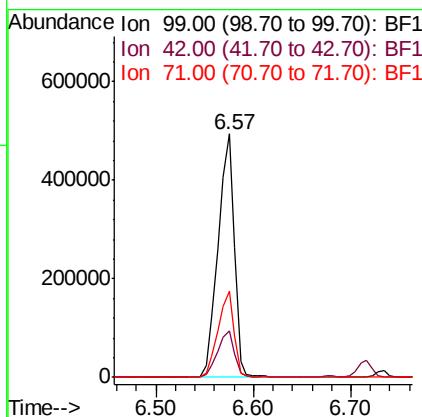
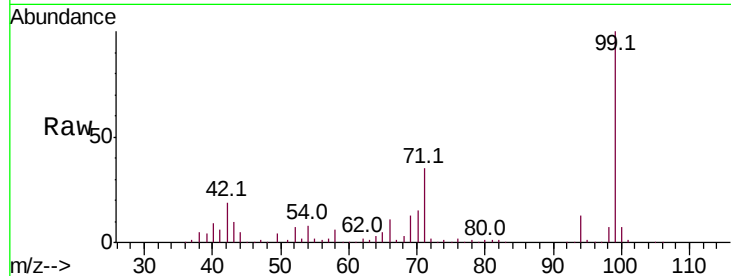
ClientSampleId :

PB114627BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		574938		
42	19.3	15.8	23.6		
71	35.2	28.0	42.0		

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#8

2-Chlorophenol

Concen: 45.762 ng

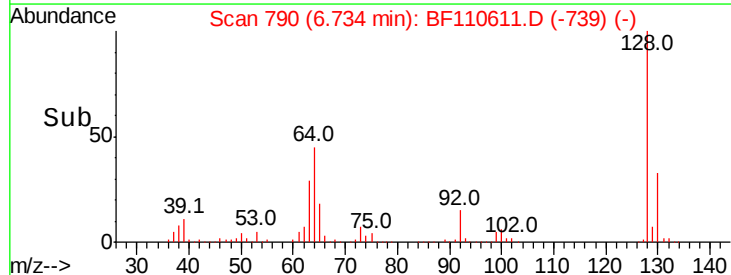
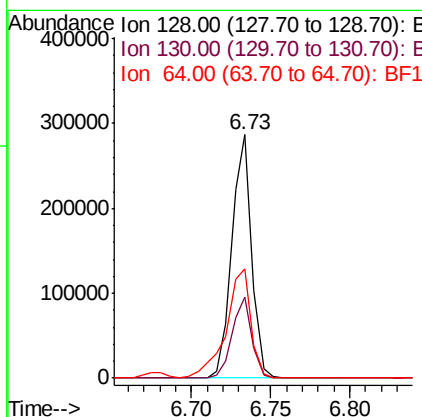
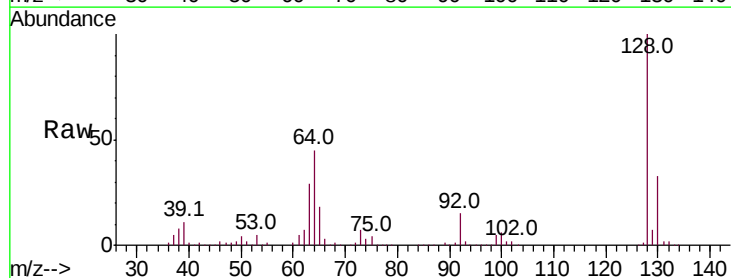
RT: 6.73 min Scan# 790

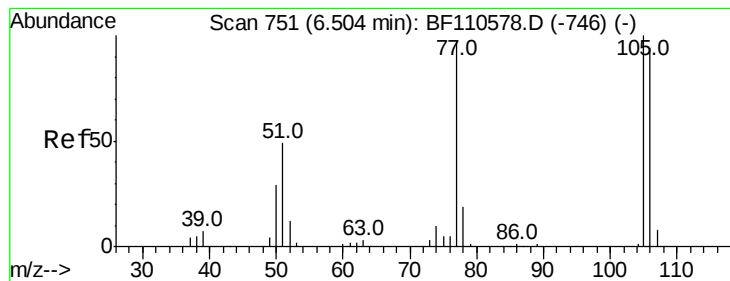
Delta R.T. 0.00 min

Lab File: BF110611.D

Acq: 9 Nov 2018 4:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		247852		
130	33.5	13.1	53.1		
64	45.1	26.0	66.0		





#9

Benzaldehyde

Concen: 44.344 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF110611.D

Acq: 9 Nov 2018 4:05

Instrument :

BNA_F

ClientSampleId :

PB114627BS

Tot Ion: 77 Resp: 136773

Ion Ratio Lower Upper

77 100

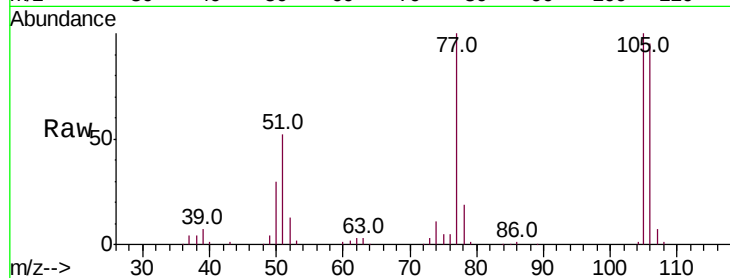
105 100.1 78.6 118.6

106 95.0 74.8 114.8

Manual Integrations
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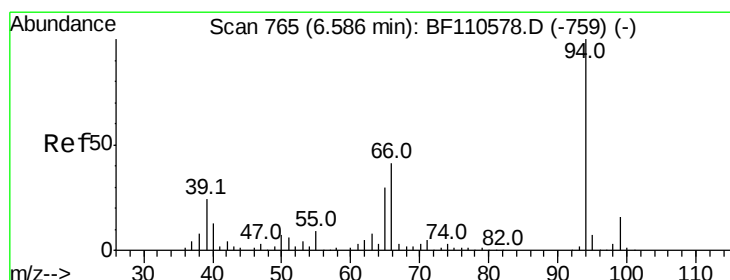
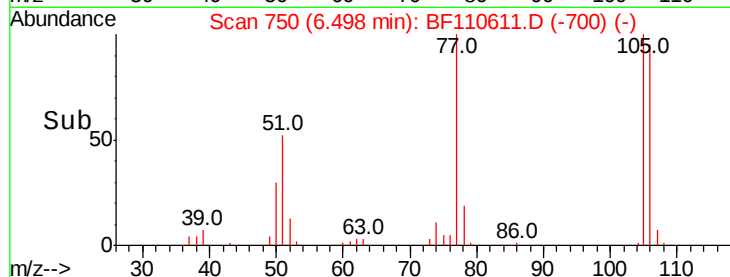
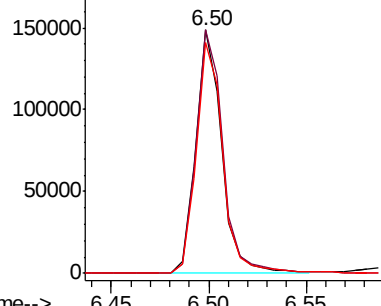
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 43.578 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF110611.D

Acq: 9 Nov 2018 4:05

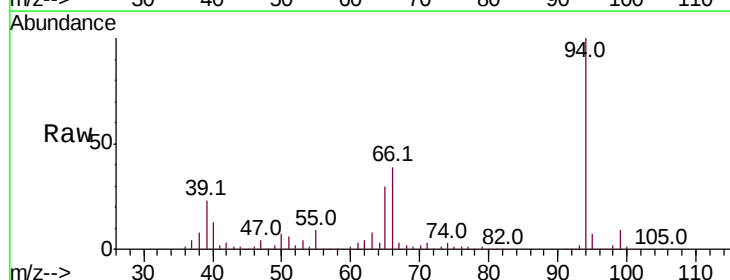
Tgt Ion: 94 Resp: 298536

Ion Ratio Lower Upper

94 100

65 29.8 25.3 65.3

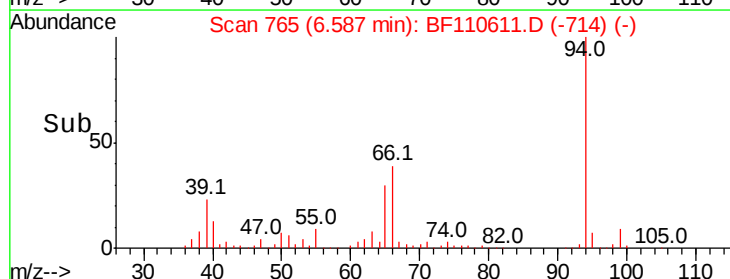
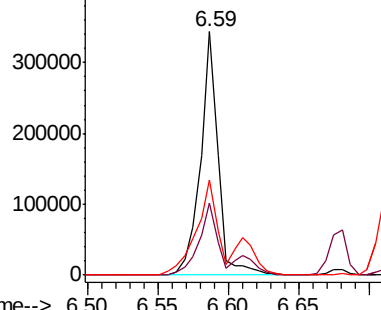
66 39.0 54.5 94.5#

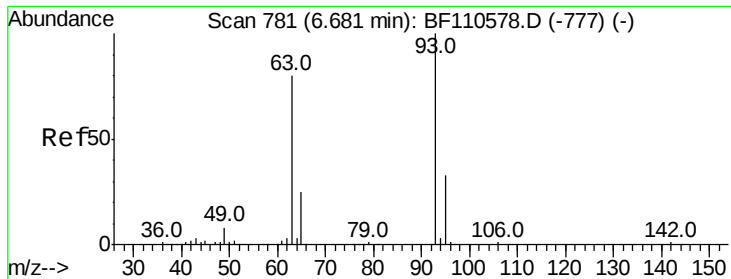


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





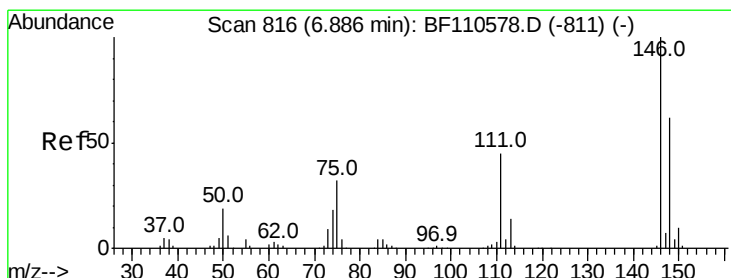
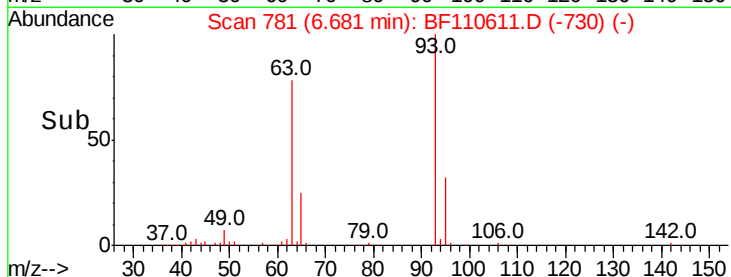
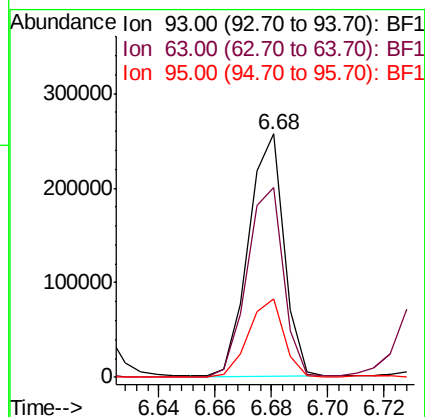
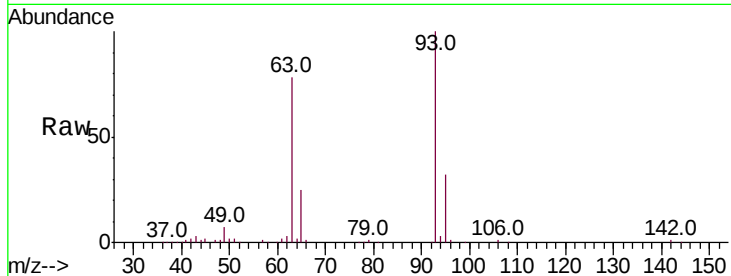
#11
bis(2-Chloroethyl)ether
Concen: 43.706 ng
RT: 6.68 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Instrument :
BNA_F
ClientSampleId :
PB114627BS

Tot Ion	93	Resp	224389
Ion Ratio	Lower	Upper	
93	100		
63	77.7	53.4	93.4
95	32.5	12.1	52.1

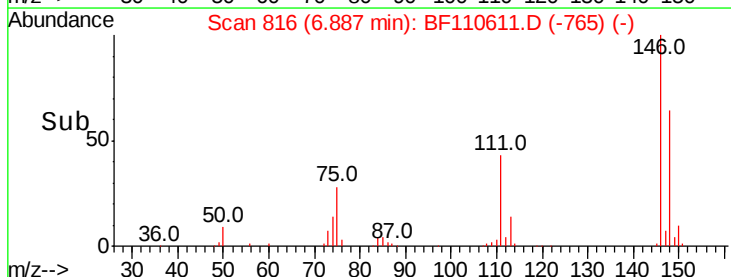
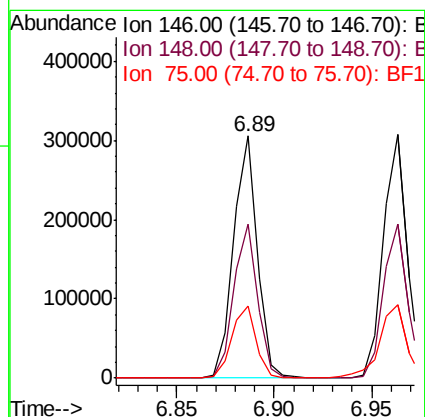
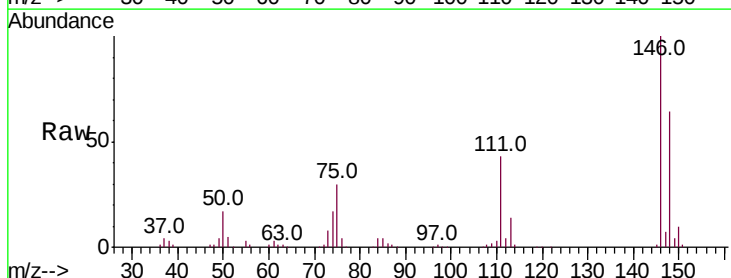
Manual Integrations
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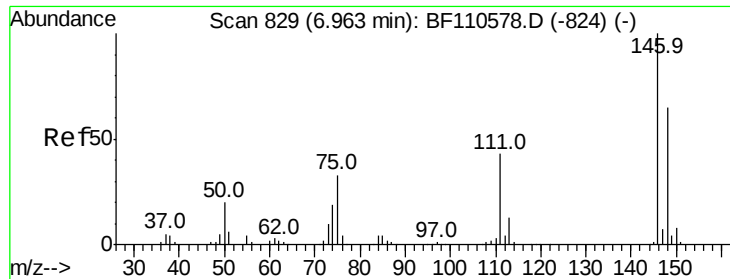
Sohil
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#12
1,3-Dichlorobenzene
Concen: 43.580 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Tgt Ion	146	Resp	258258
Ion Ratio	Lower	Upper	
146	100		
148	63.7	50.4	75.6
75	29.7	25.8	38.6





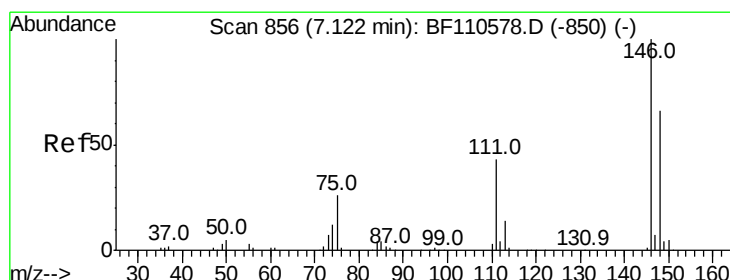
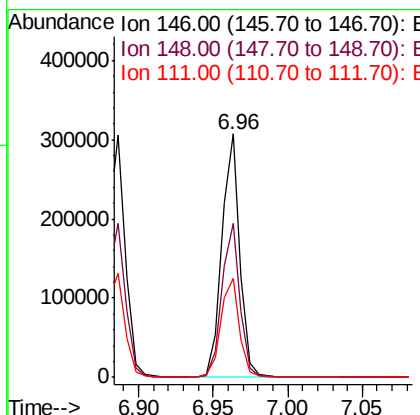
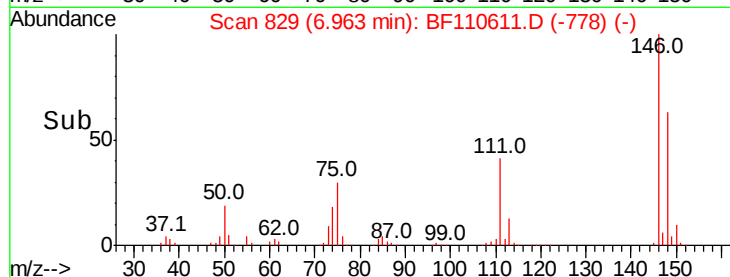
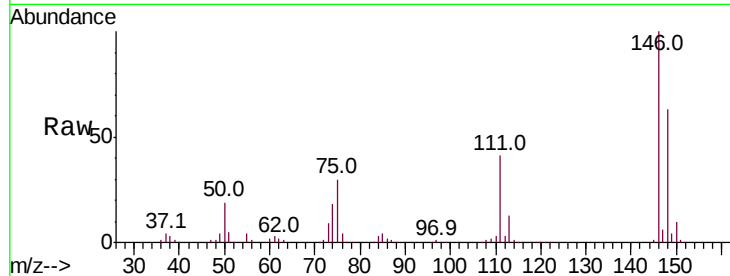
#13
 1,4-Dichlorobenzene
 Concen: 43.440 ng
 RT: 6.96 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF110611.D
 Acq: 9 Nov 2018 4:05

Instrument :
 BNA_F
 ClientSampled :
 PB114627BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.3	75.5
111	40.9	32.7	49.1

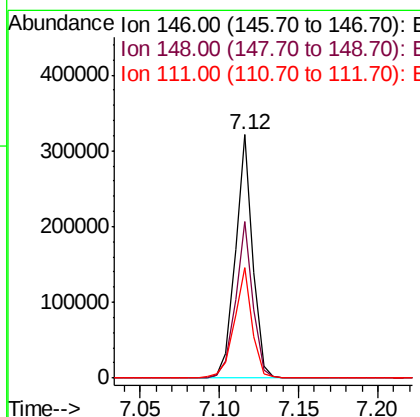
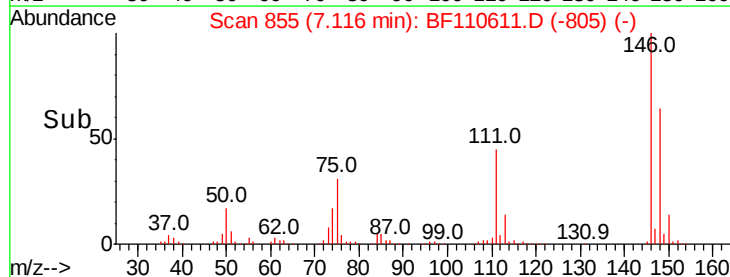
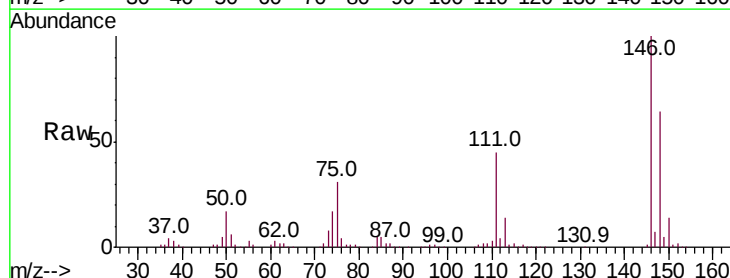
Manual Integrations
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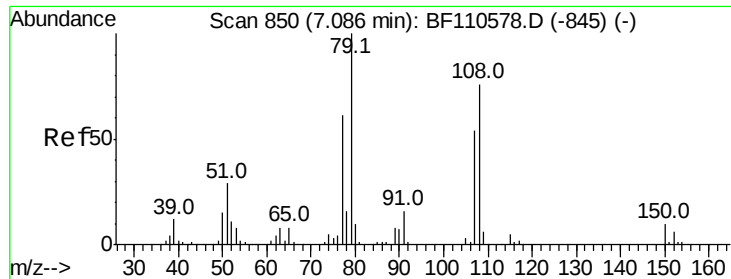
Sohil
 11/9/2018 4:26:23 PM



#14
 1,2-Dichlorobenzene
 Concen: 43.421 ng
 RT: 7.12 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: BF110611.D
 Acq: 9 Nov 2018 4:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.1	76.7
111	45.3	35.8	53.6





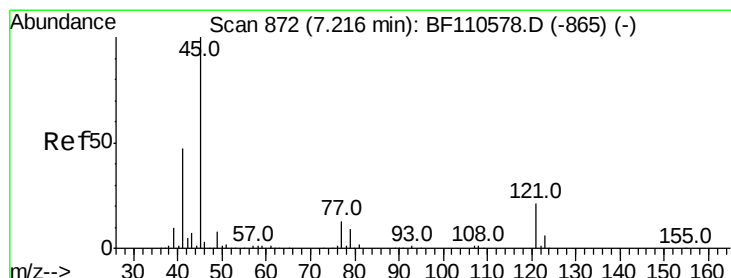
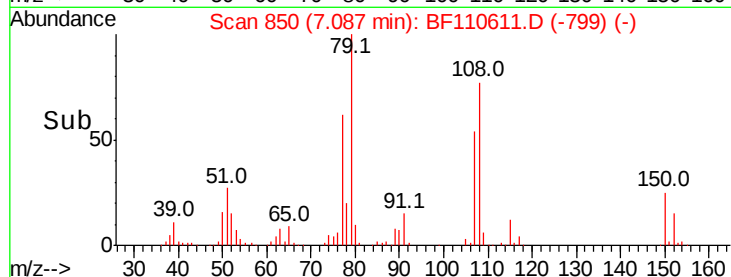
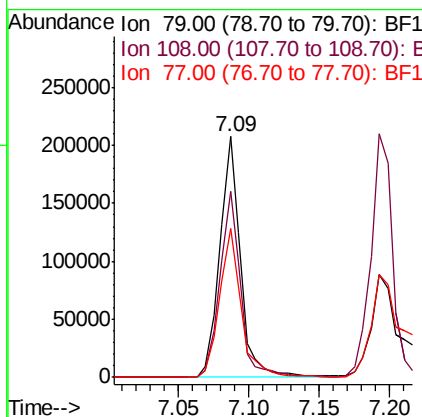
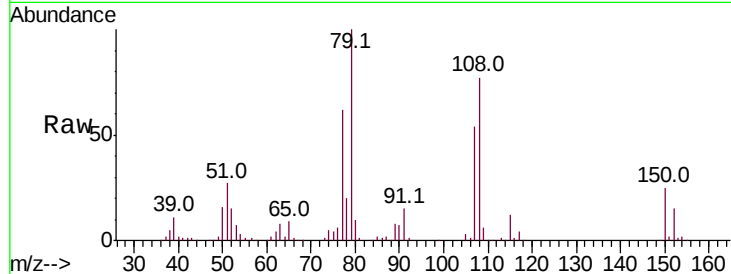
#15
Benzyl Alcohol
Concen: 45.830 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Instrument :
BNA_F
ClientSampled :
PB114627BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.1	56.3	84.5
77	61.7	52.9	79.3

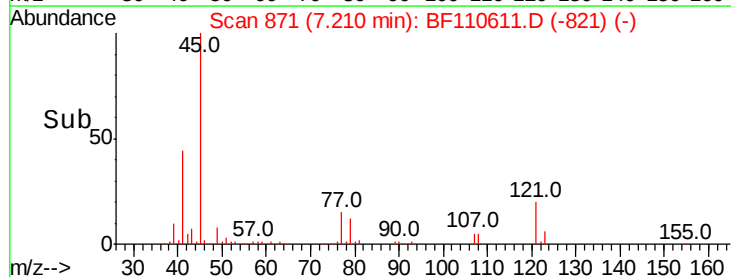
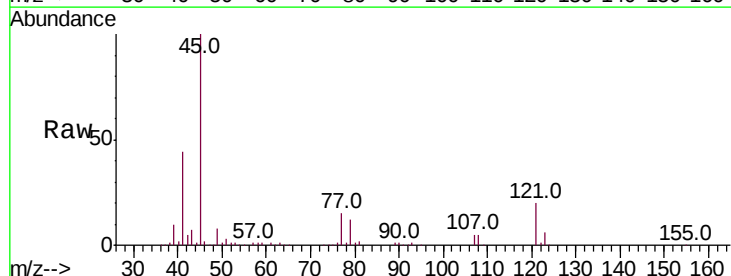
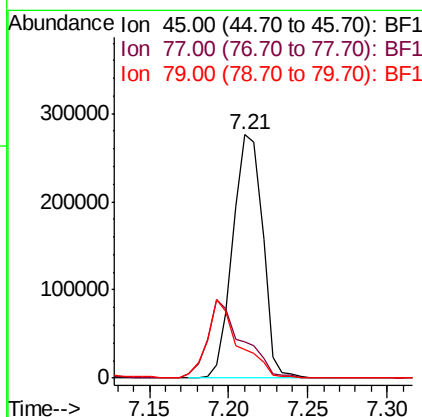
Manual Integrations
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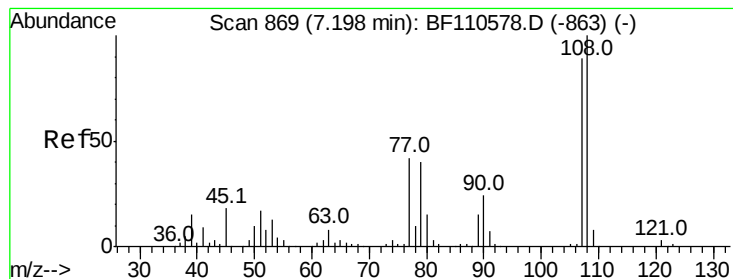
Sohil
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#16
2,2'-oxybis(1-chloropropane)
Concen: 44.789 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.7	10.0	50.0
79	11.7	6.1	46.1





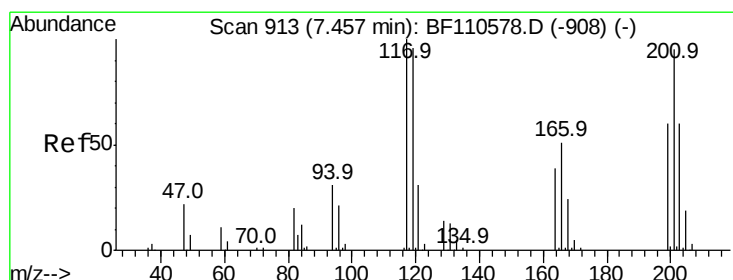
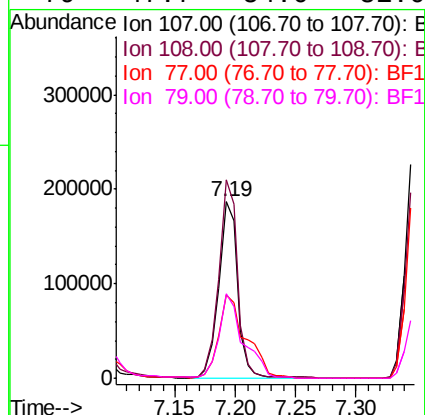
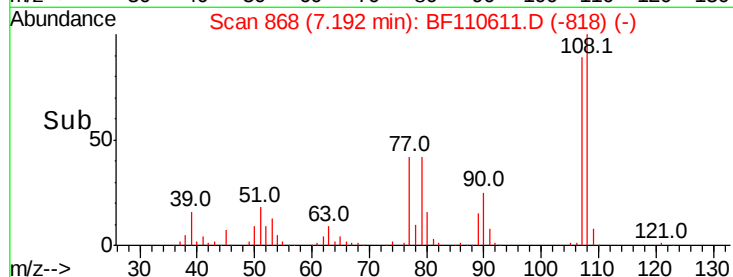
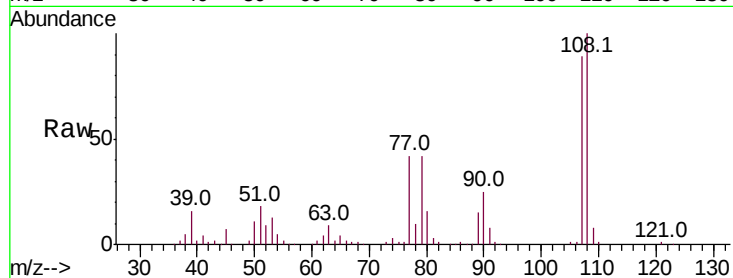
#17
2-Methylphenol
Concen: 47.088 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Instrument :
BNA_F
ClientSampleId :
PB114627BS

Tot Ion	Ratio	Resp Lower	Upper
107	100		
108	112.3	92.6	138.8
77	47.4	59.4	89.2#
79	47.7	54.0	81.0#

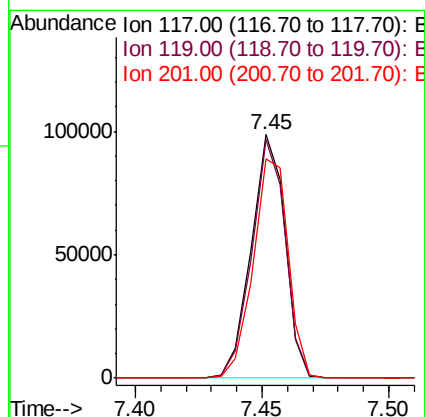
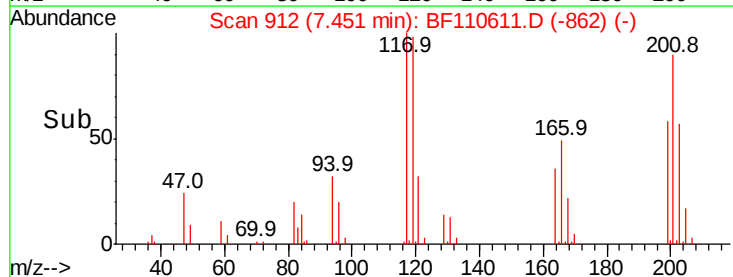
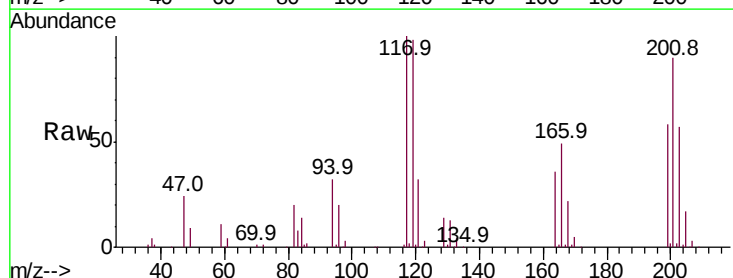
Manual Integrations
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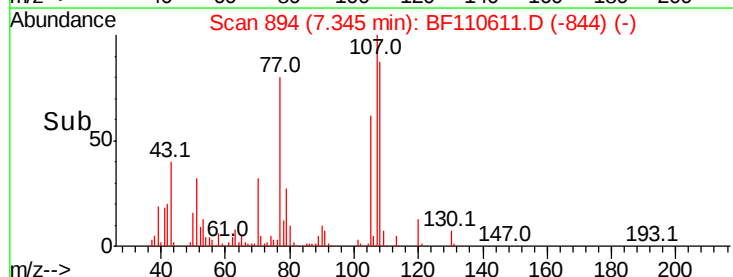
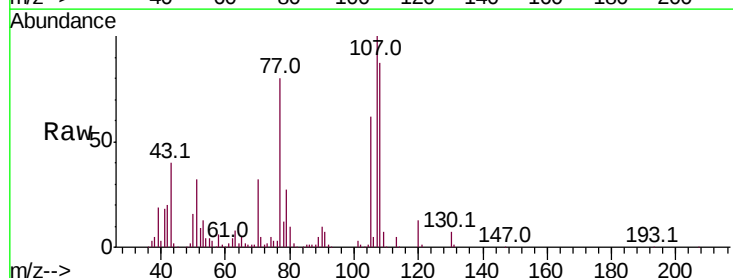
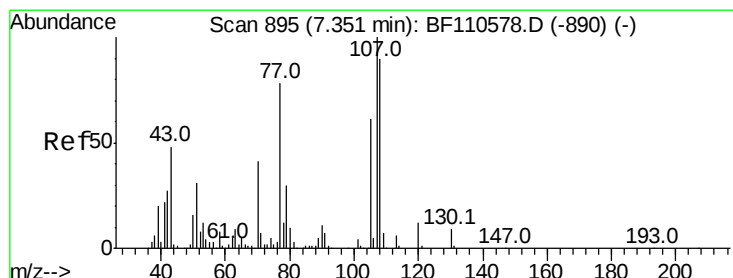
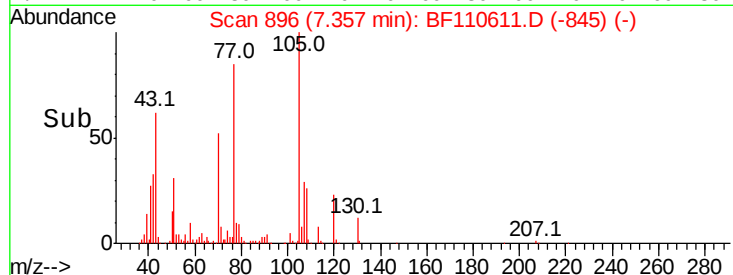
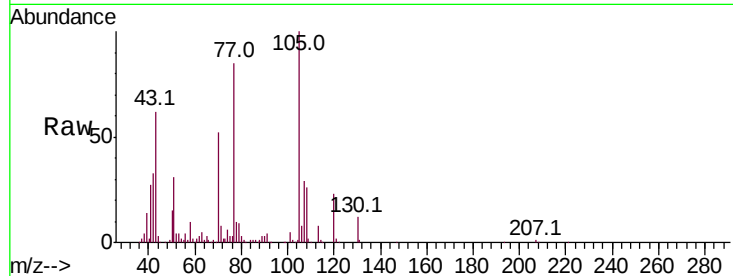
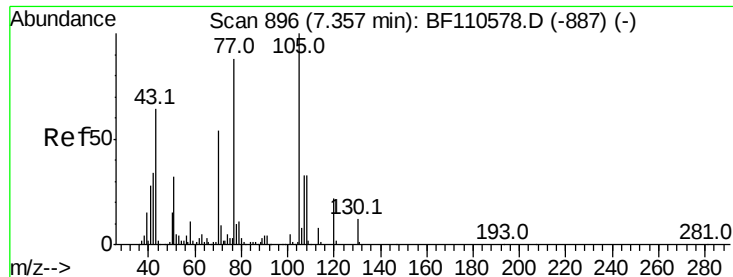
Sohil
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#18
Hexachloroethane
Concen: 41.350 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Tgt Ion	Ratio	Resp Lower	Upper
117	100		
119	98.1	75.0	112.6
201	89.9	79.2	118.8





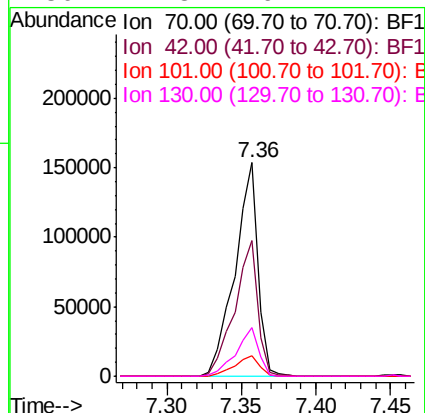
#19
n-Nitroso-di-n-propylamine
Concen: 44.186 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Instrument :
BNA_F
ClientSampleId :
PB114627BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	63.6	47.4	71.2	
101	9.8	7.3	10.9	
130	22.8	16.2	24.2	

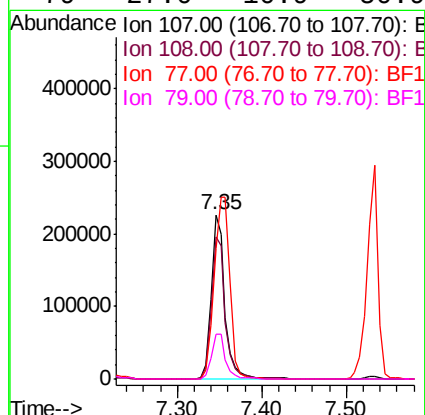
Manual Integrations
APPROVED

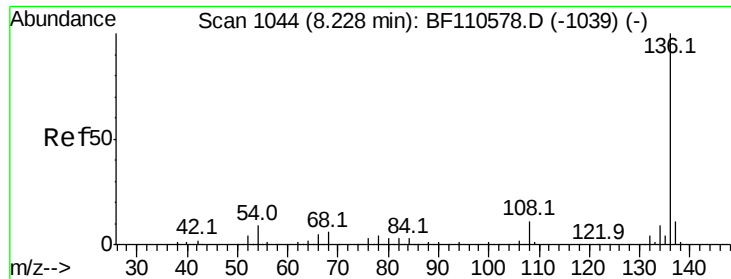
Sohil
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#20
3+4-Methylphenols
Concen: 46.077 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.7	71.4	111.4	
77	79.6	47.3	87.3	
79	27.0	10.9	50.9	





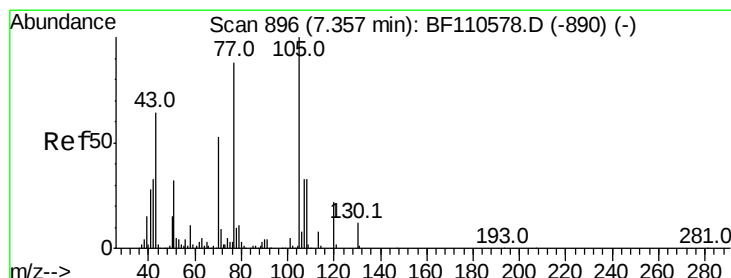
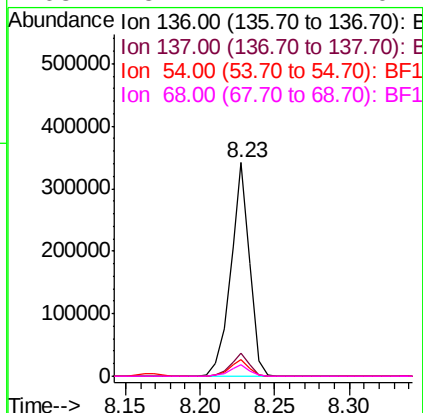
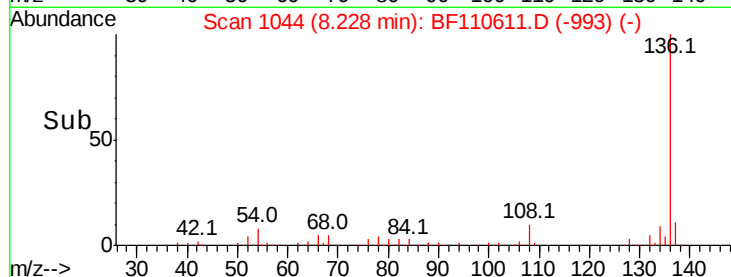
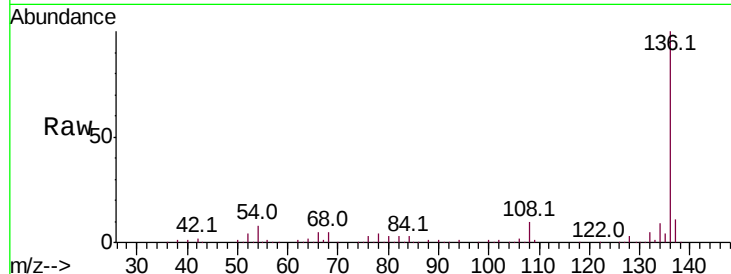
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Instrument :
BNA_F
ClientSampled :
PB114627BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.8	13.2	
54	7.9	5.4	8.2	
68	5.2	4.2	6.2	

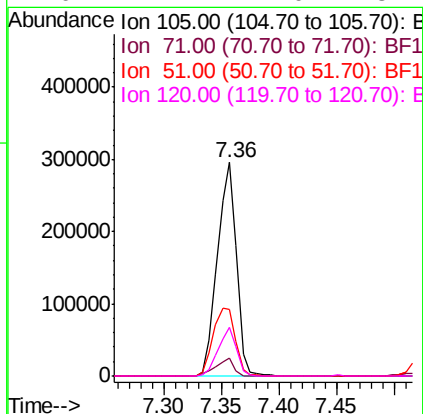
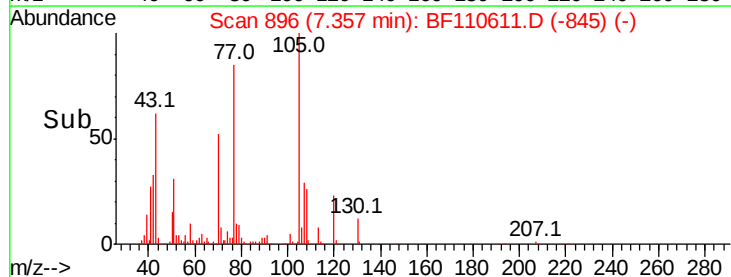
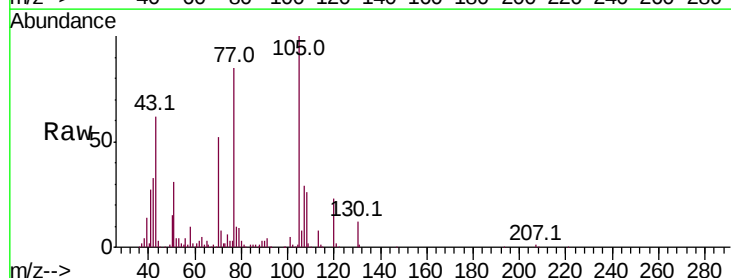
Manual Integrations
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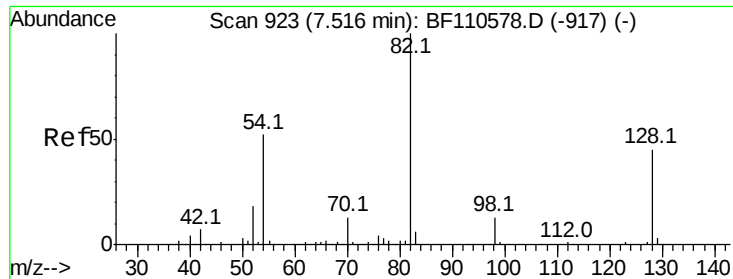
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#22
Acetophenone
Concen: 47.886 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.5	5.2	7.8#	
51	31.2	21.8	32.8	
120	22.7	17.0	25.4	





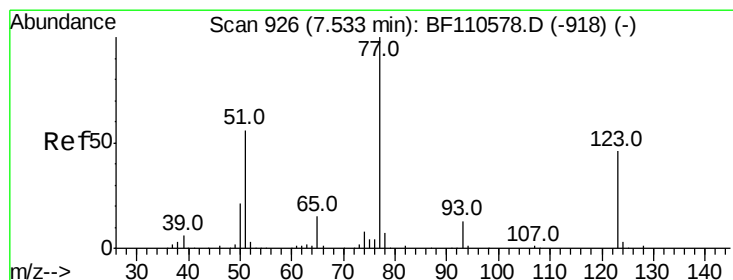
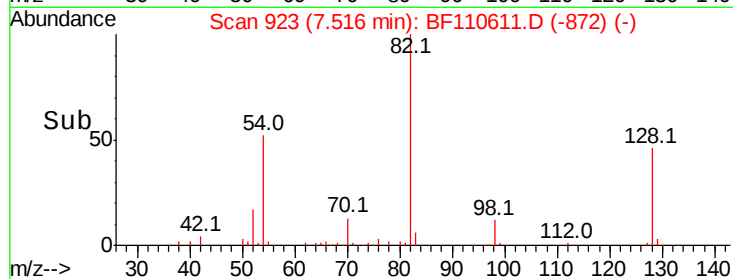
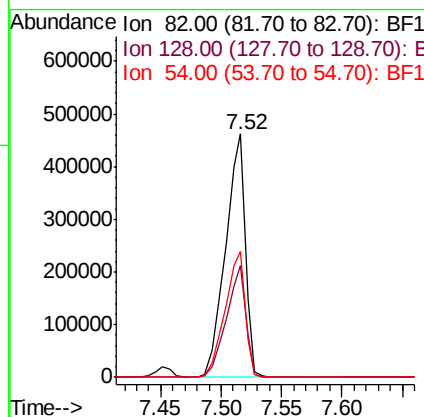
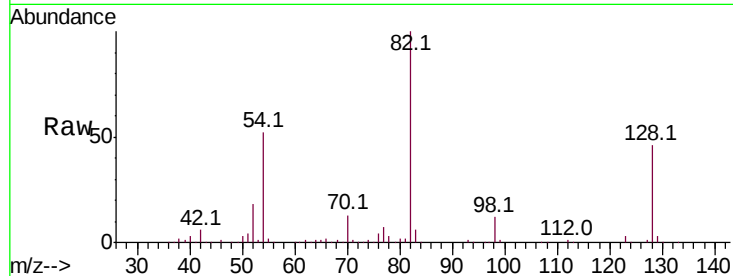
#23
 Nitrobenzene-d5
 Concen: 99.251 ng
 RT: 7.52 min Scan# 923
 Delta R.T. 0.00 min
 Lab File: BF110611.D
 Acq: 9 Nov 2018 4:05

Instrument :
 BNA_F
 ClientSampleId :
 PB114627BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.8	34.2	51.2	
54	51.7	38.6	58.0	

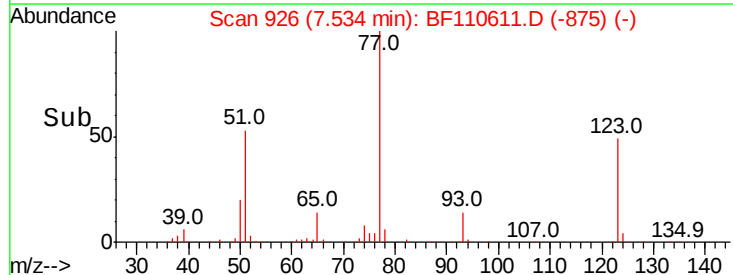
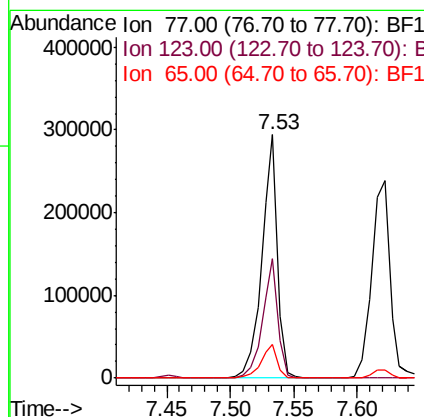
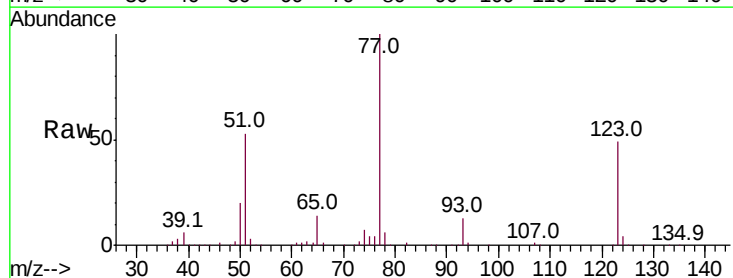
Manual Integrations
 APPROVED

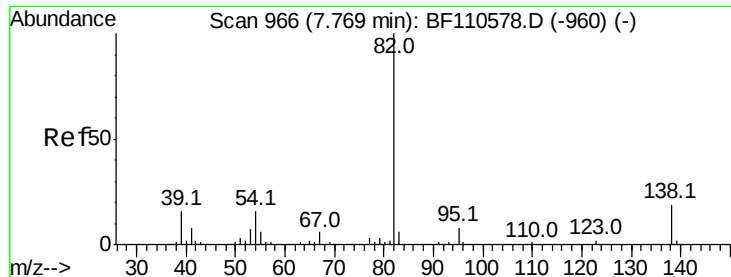
Sohil
 11/9/2018 4:26:23 PM



#24
 Nitrobenzene
 Concen: 47.312 ng
 RT: 7.53 min Scan# 926
 Delta R.T. 0.00 min
 Lab File: BF110611.D
 Acq: 9 Nov 2018 4:05

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	49.1	35.7	53.5	
65	13.8	10.7	16.1	





#25

Isophorone

Concen: 53.031 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF110611.D

Acq: 9 Nov 2018 4:05

Instrument :

BNA_F

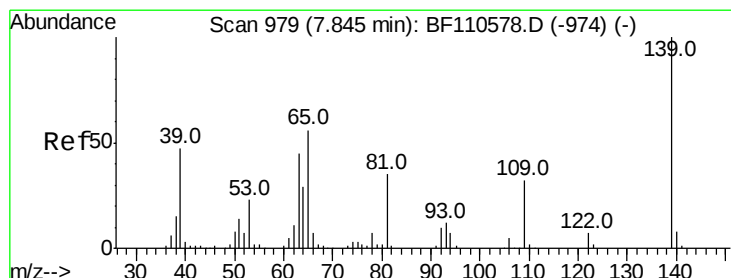
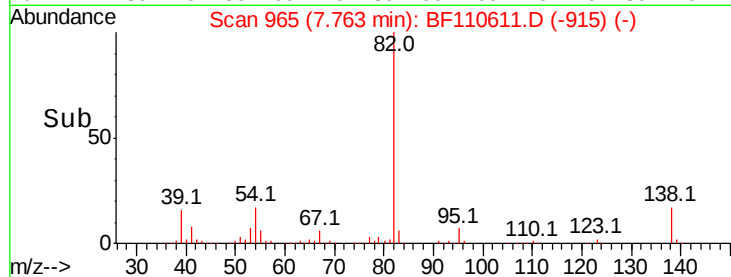
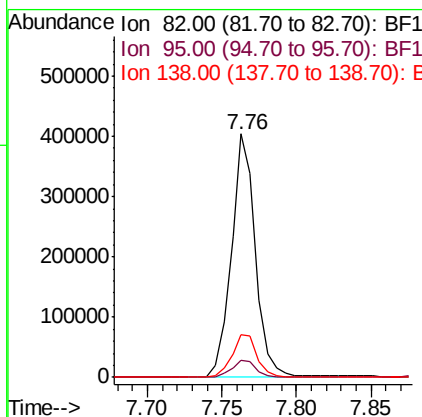
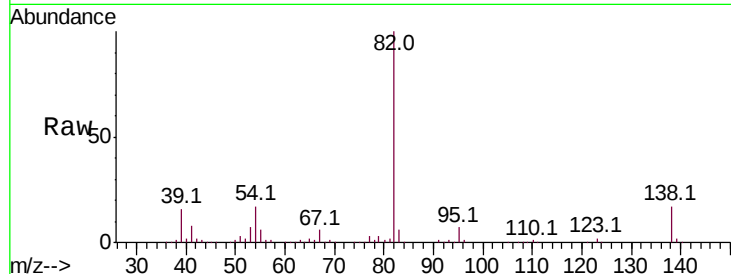
ClientSampleId :

PB114627BS

Tot Ion:	82	Resp:	457828
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.7	8.5
138	17.4	13.2	19.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.538 ng

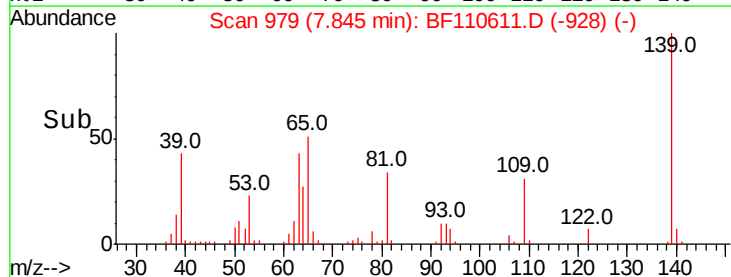
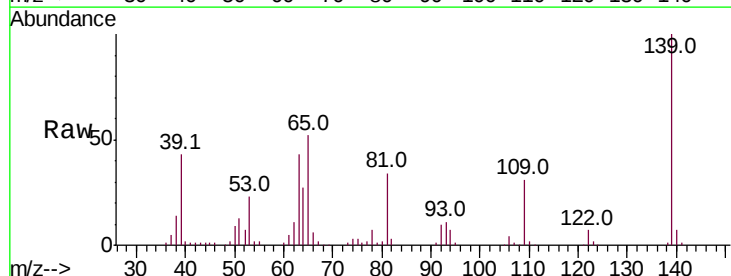
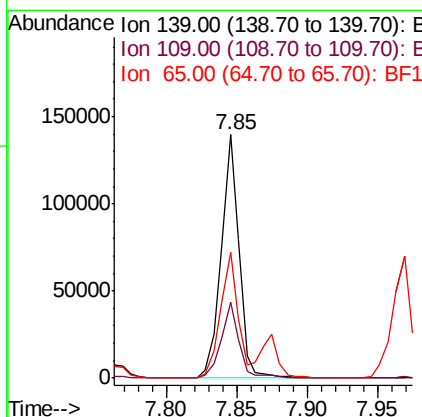
RT: 7.85 min Scan# 979

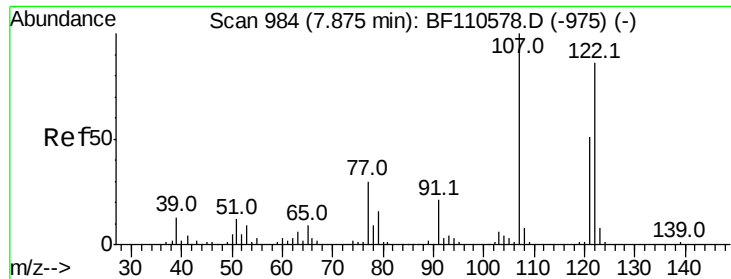
Delta R.T. 0.00 min

Lab File: BF110611.D

Acq: 9 Nov 2018 4:05

Tgt Ion:	139	Resp:	122601
Ion Ratio	Lower	Upper	
139	100		
109	31.4	25.0	37.6
65	51.5	44.0	66.0





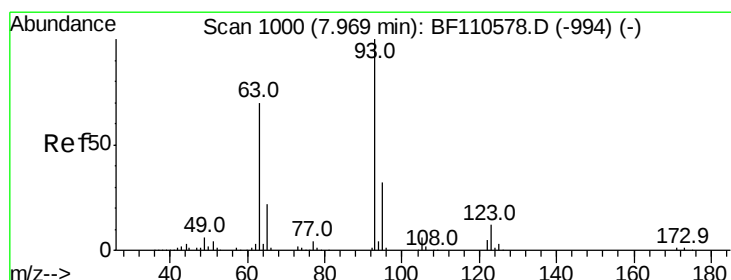
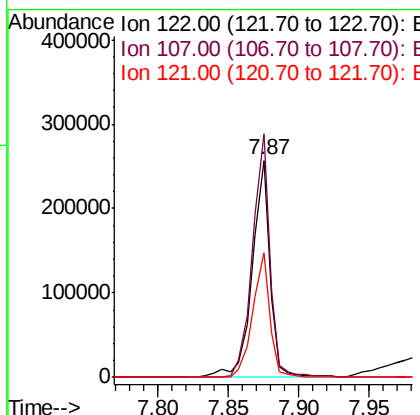
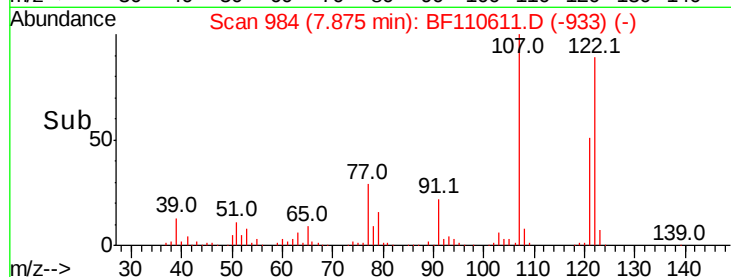
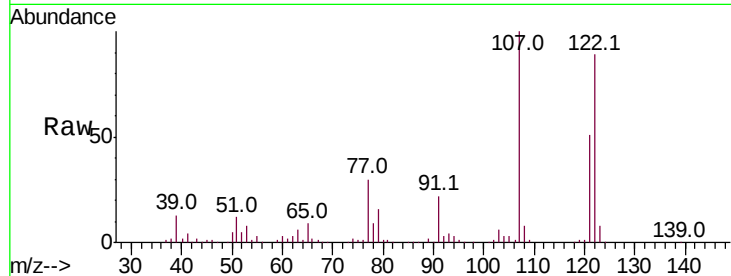
#27
2,4-Dimethylphenol
Concen: 55.873 ng
RT: 7.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Instrument :
BNA_F
ClientSampleId :
PB114627BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	229090		
107	112.3	92.5	138.7	
121	57.6	45.8	68.8	

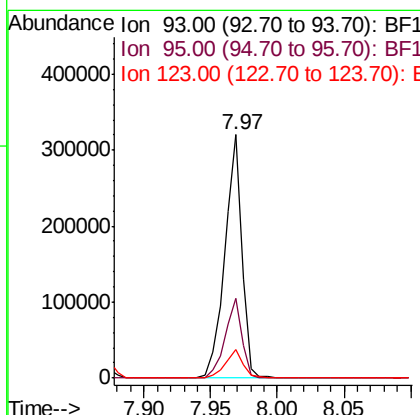
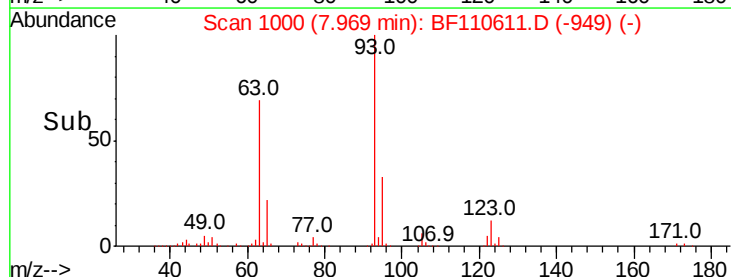
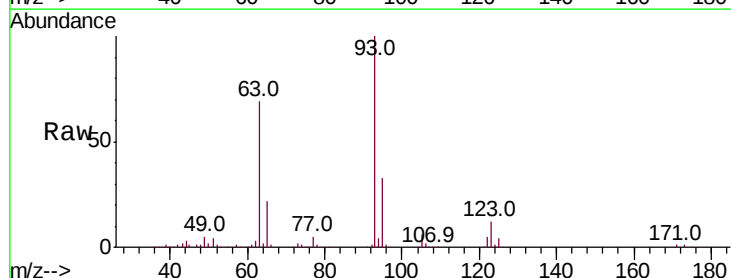
Manual Integrations
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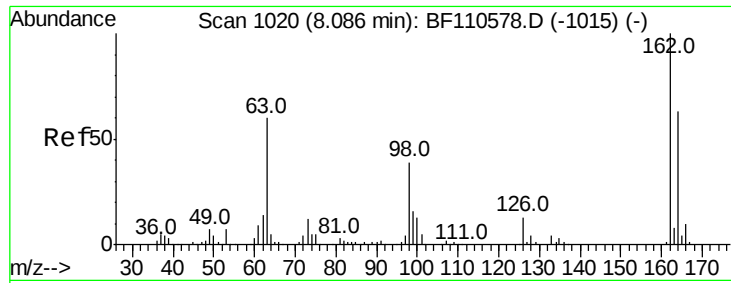
Sohil
11/9/2018 4:26:23 PM



#28
bis(2-Chloroethoxy)methane
Concen: 49.721 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	290635		
95	32.9	26.4	39.6	
123	11.8	9.0	13.6	





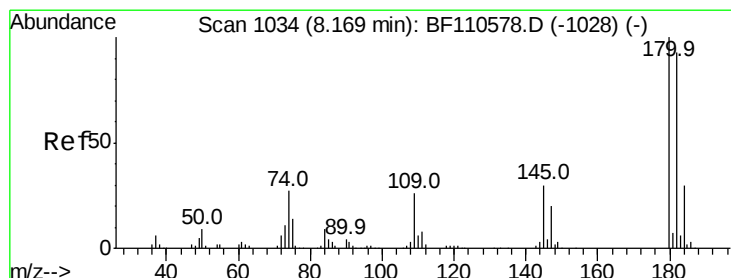
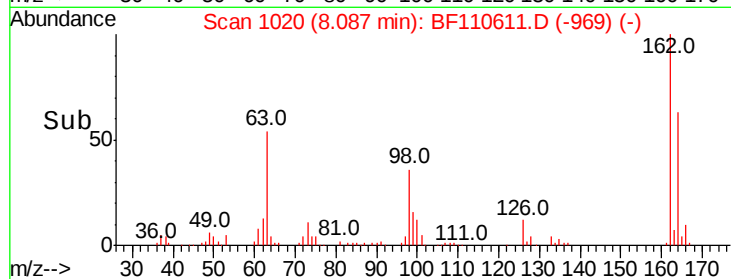
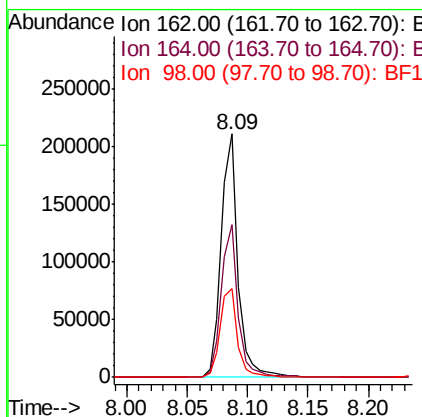
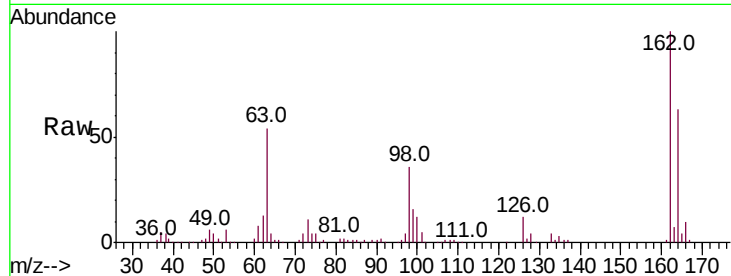
#29
 2,4-Dichlorophenol
 Concen: 47.812 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BF110611.D
 Acq: 9 Nov 2018 4:05

Instrument :
 BNA_F
 ClientSampleID :
 PB114627BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	201716		
164	63.0		44.6	84.6
98	36.3		17.4	57.4

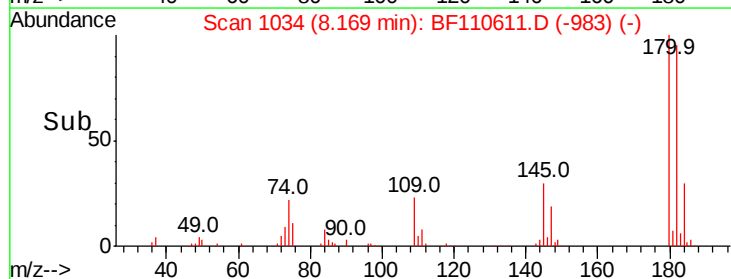
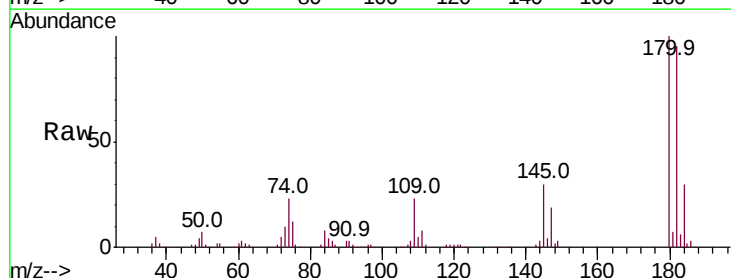
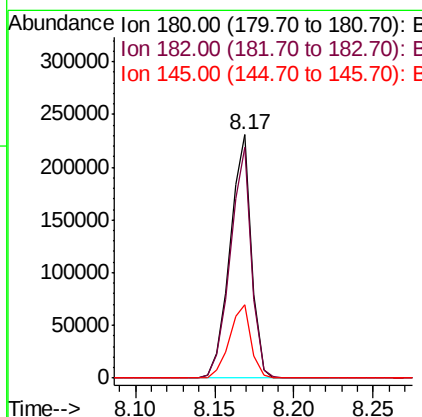
Manual Integrations
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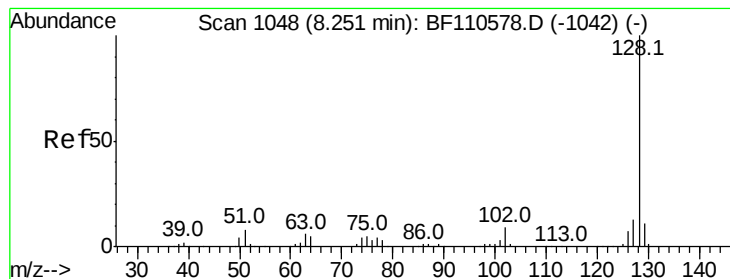
Sohil
 11/9/2018 4:26:23 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 45.388 ng
 RT: 8.17 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF110611.D
 Acq: 9 Nov 2018 4:05

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	215900		
182	94.8		80.3	120.5
145	30.2		25.4	38.0





#31

Naphthalene

Concen: 49.089 ng

RT: 8.25 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF110611.D

Acq: 9 Nov 2018 4:05

Instrument :

BNA_F

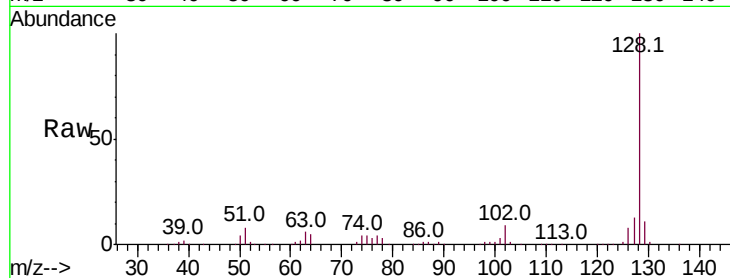
ClientSampled :

PB114627BS

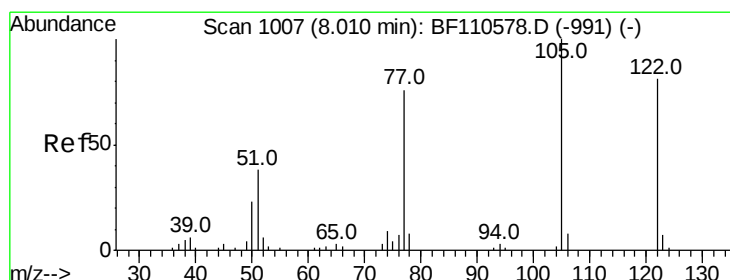
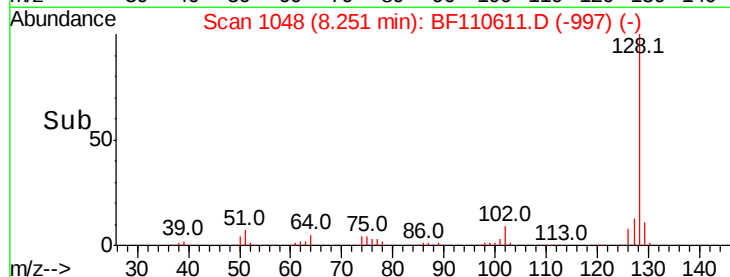
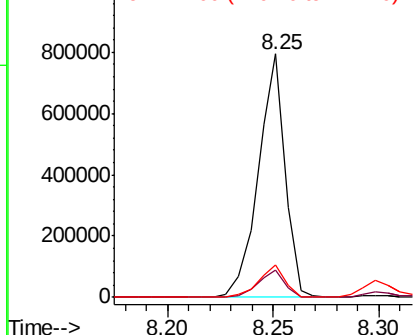
Tot Ion:	128	Resp:	699036
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.8	13.2
127	13.2	10.8	16.2

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



#32

Benzoic acid

Concen: 17.663 ng

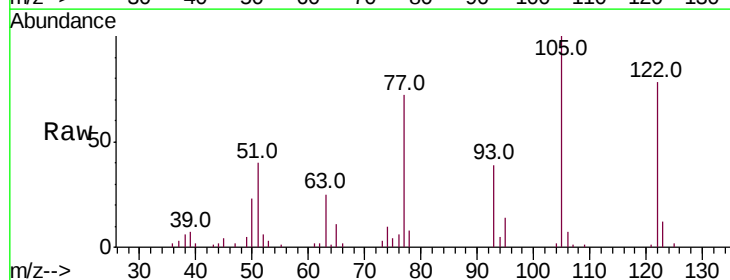
RT: 7.98 min Scan# 1002

Delta R.T. -0.03 min

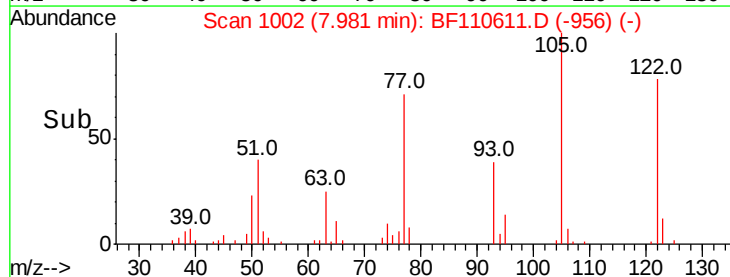
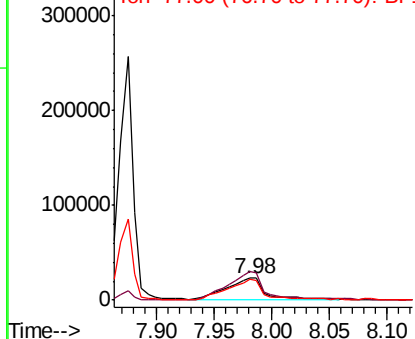
Lab File: BF110611.D

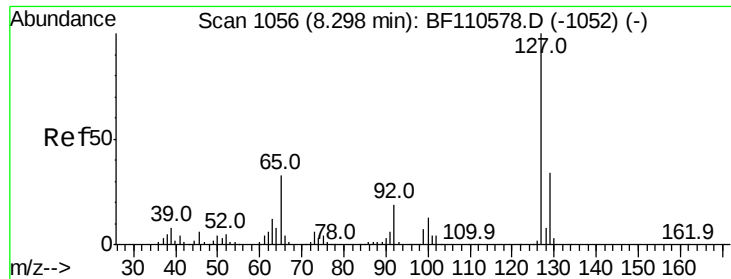
Acq: 9 Nov 2018 4:05

Tgt Ion:	122	Resp:	51242
Ion Ratio	Lower	Upper	
122	100		
105	128.2	109.0	149.0
77	92.3	79.0	119.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





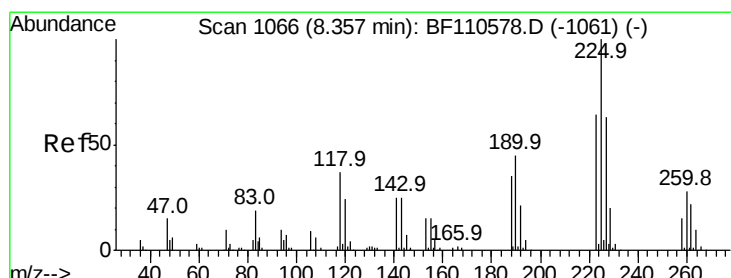
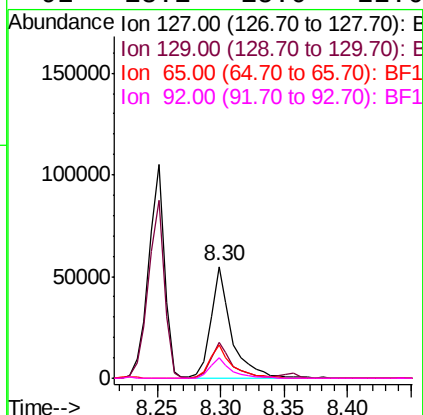
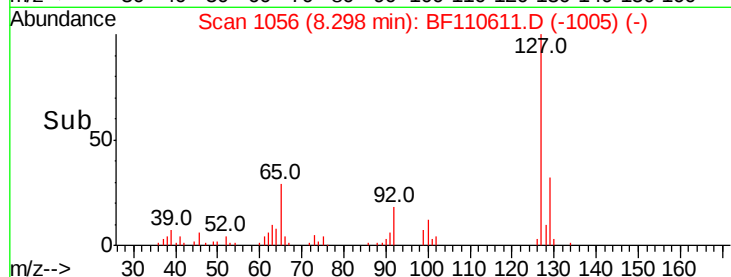
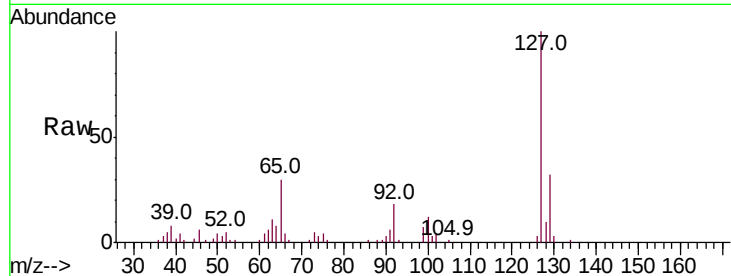
#33
4-Chloroaniline
Concen: 9.843 ng
RT: 8.30 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Instrument :
BNA_F
ClientSampleId :
PB114627BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.6	26.0	39.0		
65	29.6	25.1	37.7		
92	18.1	15.0	22.6		

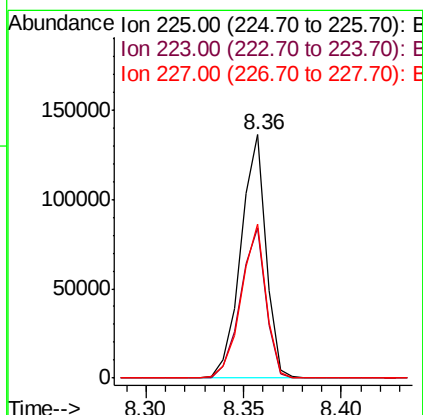
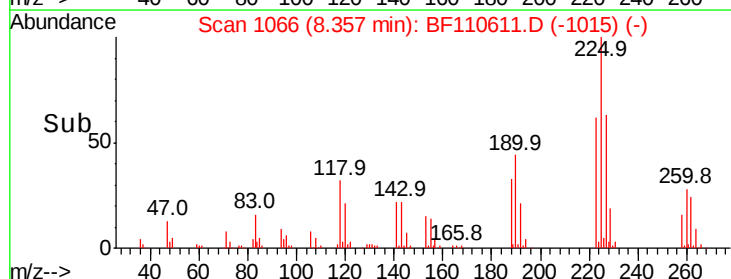
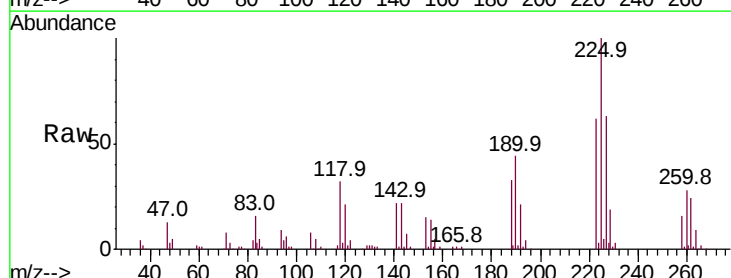
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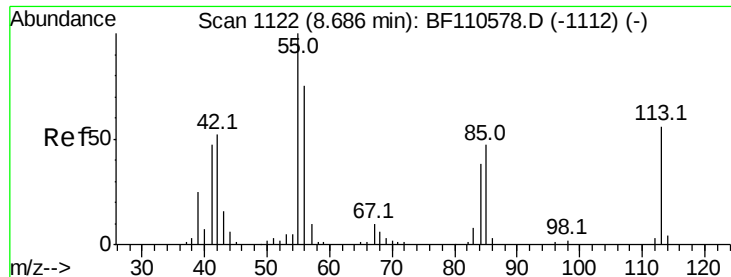
Sohil
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#34
Hexachlorobutadiene
Concen: 44.800 ng
RT: 8.36 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.7	51.4	77.2		
227	63.2	51.0	76.6		





#35

Caprolactam

Concen: 42.582 ng/ml

RT: 8.67 min Scan# 1119

Delta R.T. -0.02 min

Lab File: BF110611.D

Acq: 9 Nov 2018 4:05

Instrument :

BNA_F

ClientSampled :

PB114627BS

Tot Ion:113 Resp: 60022

Ion Ratio Lower Upper

113 100

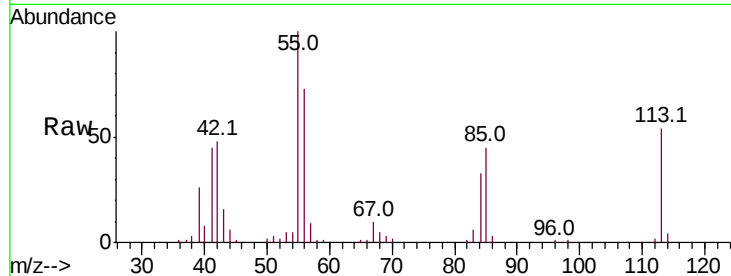
55 184.2 142.8 182.8#

56 133.8 105.0 145.0

Manual Integrations
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Sohil

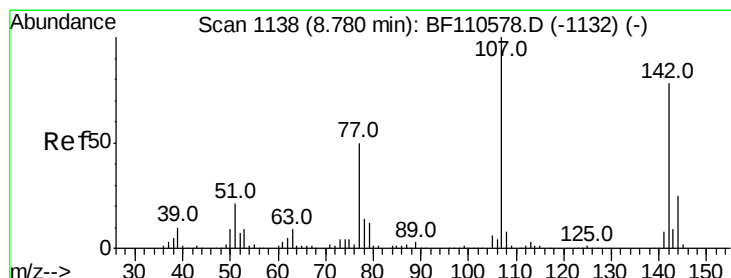
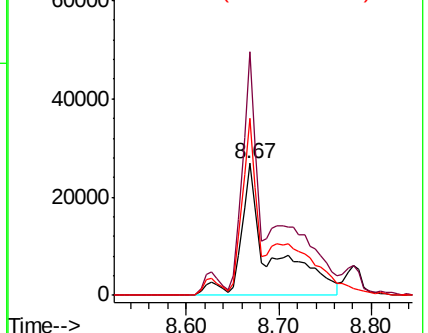
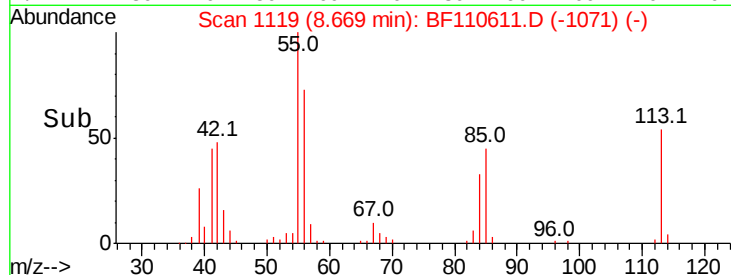
11/9/2018 4:26:23 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 47.082 ng/ml

RT: 8.78 min Scan# 1138

Delta R.T. 0.00 min

Lab File: BF110611.D

Acq: 9 Nov 2018 4:05

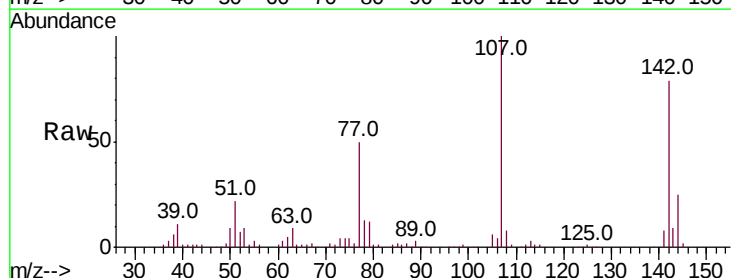
Tgt Ion:107 Resp: 214227

Ion Ratio Lower Upper

107 100

144 25.3 20.0 30.0

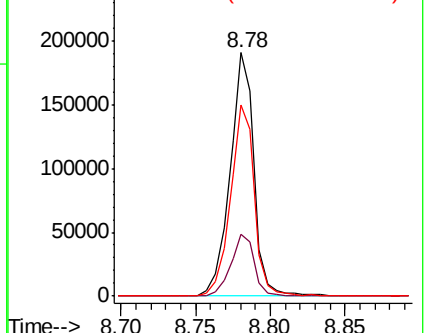
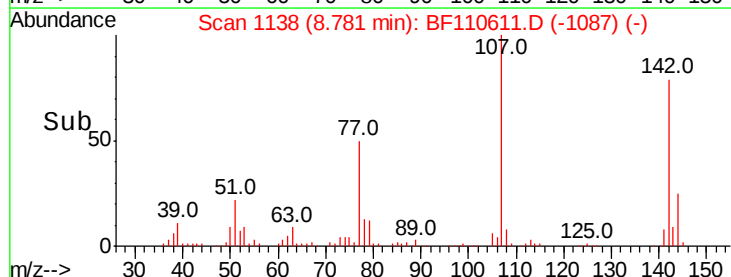
142 78.7 59.7 89.5

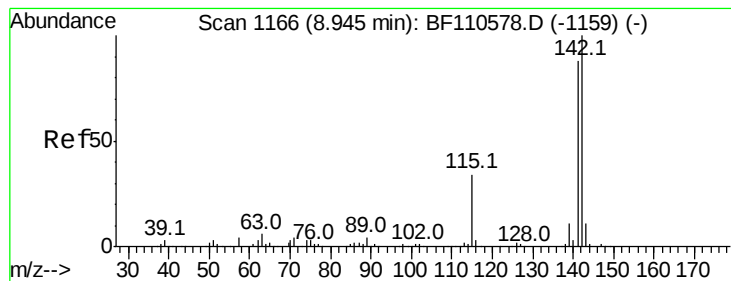


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





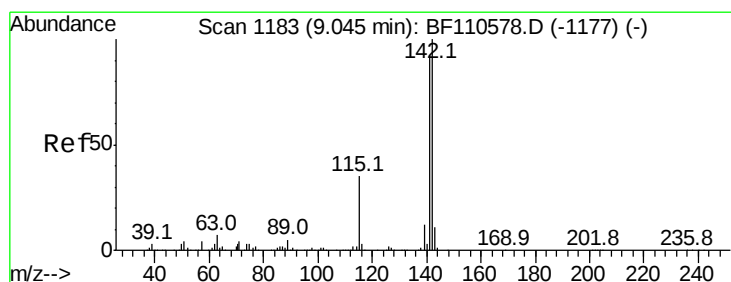
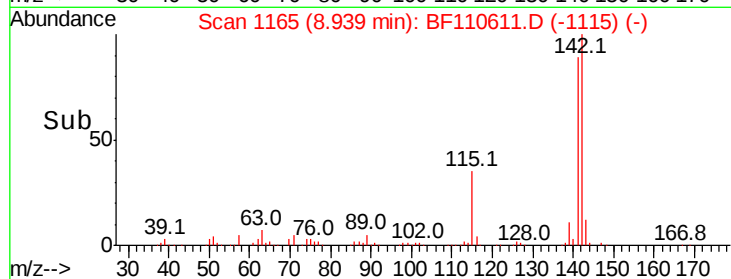
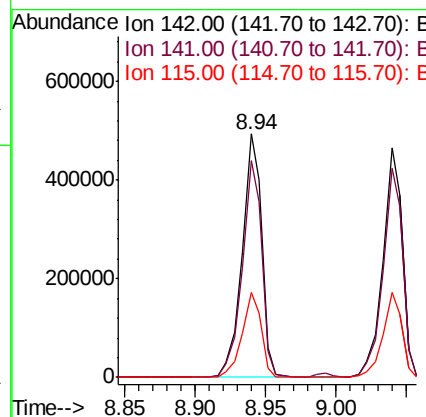
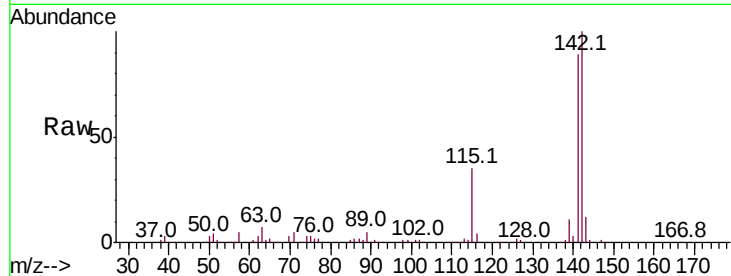
#37
2-Methylnaphthalene
Concen: 51.044 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Instrument :
BNA_F
ClientSampleId :
PB114627BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.4	107.2
115	35.0	28.7	43.1

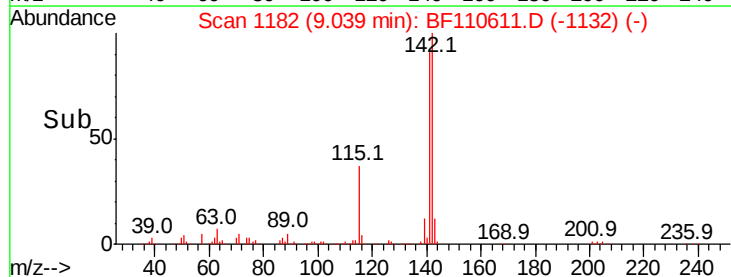
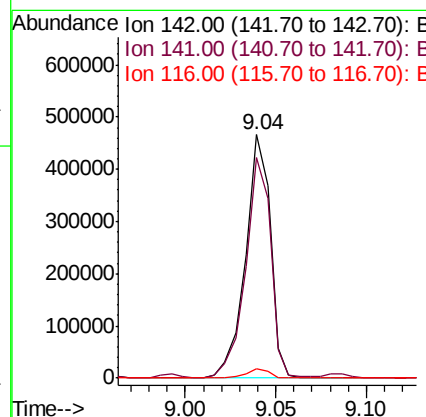
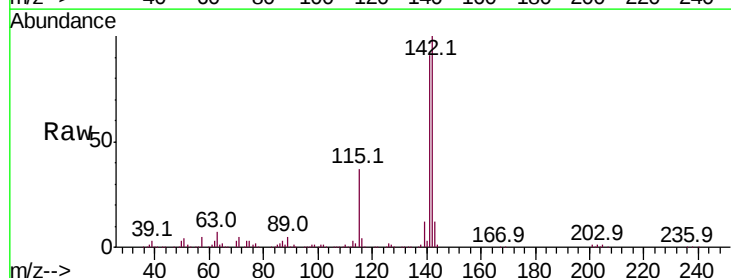
Manual Integrations
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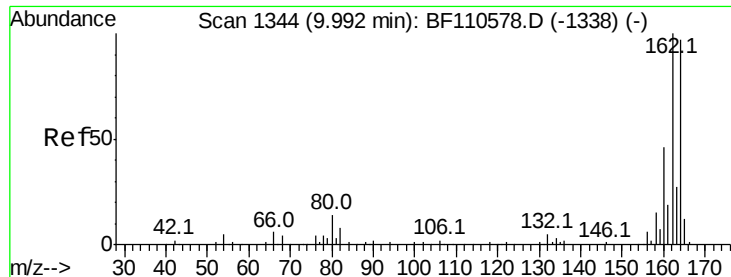
Sohil
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#38
1-Methylnaphthalene
Concen: 49.313 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.8	74.2	111.4
116	3.9	2.6	4.0





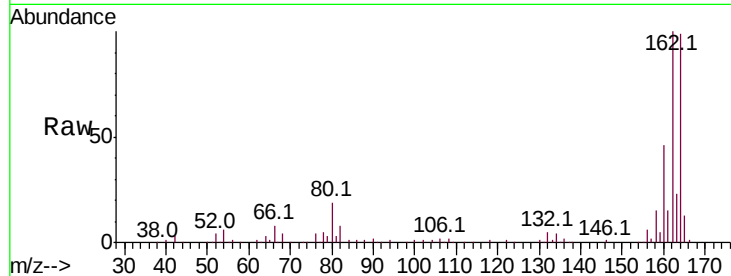
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Instrument :
BNA_F
ClientSampleId :
PB114627BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.7	83.0	124.6
160	45.9	37.0	55.6

Manual Integrations
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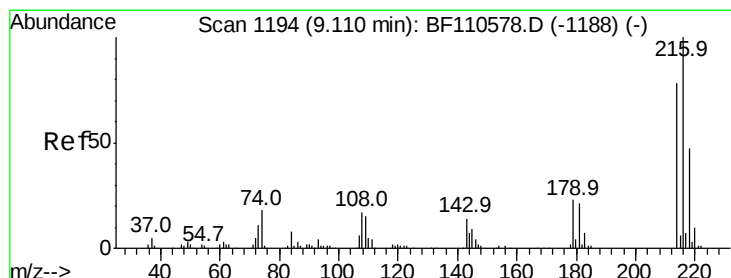
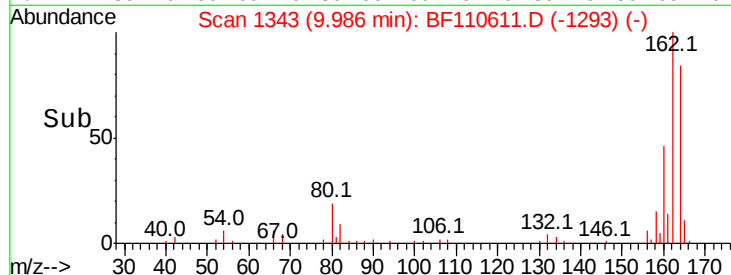
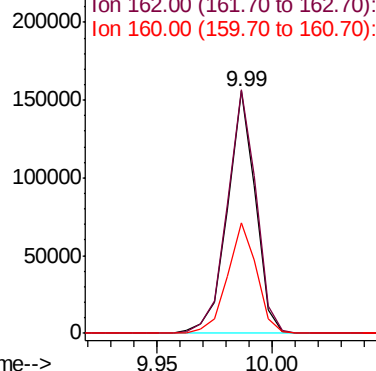


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.264 ng
RT: 9.11 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.8	95.6
179	23.1	16.6	25.0
108	19.2	15.1	22.7

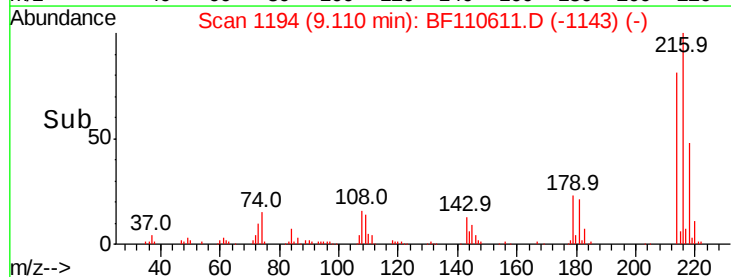
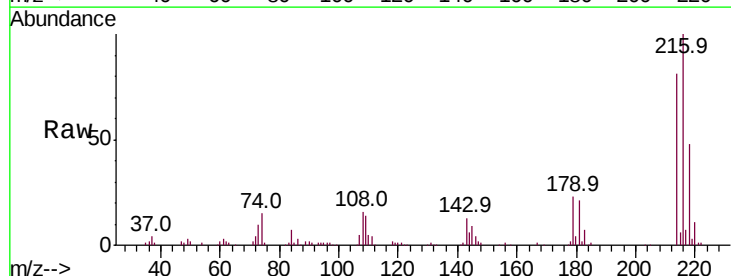
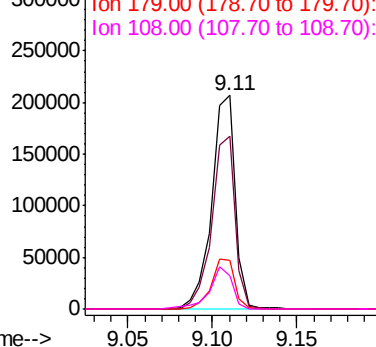
Abundance

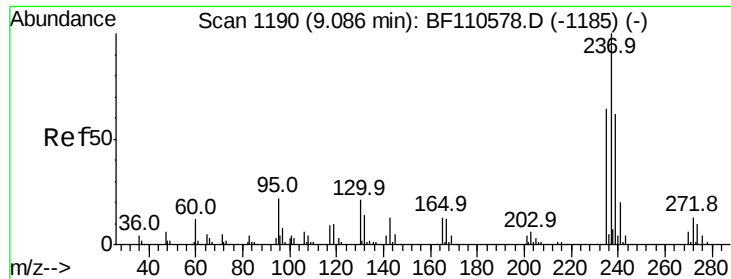
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 41.741 ng

RT: 9.09 min Scan# 1190

Delta R.T. 0.00 min

Lab File: BF110611.D

Acq: 9 Nov 2018 4:05

Instrument :

BNA_F

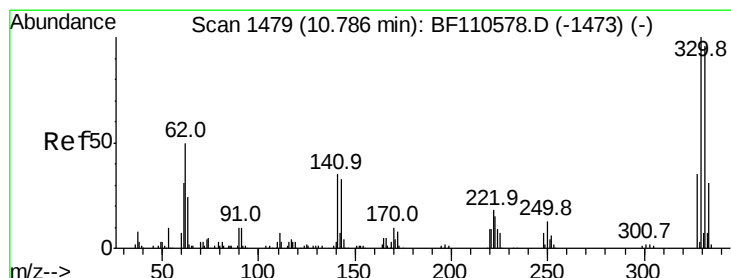
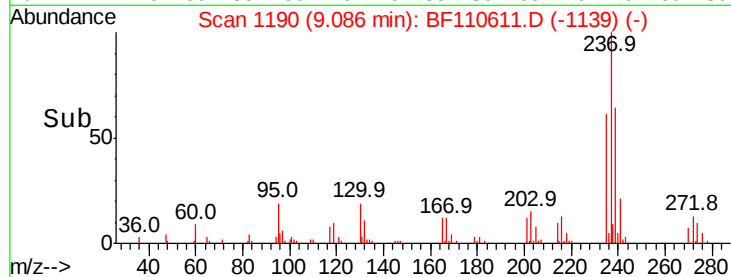
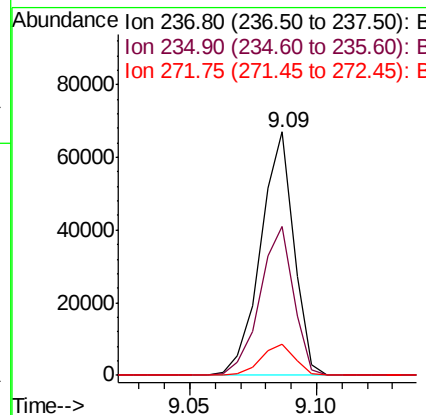
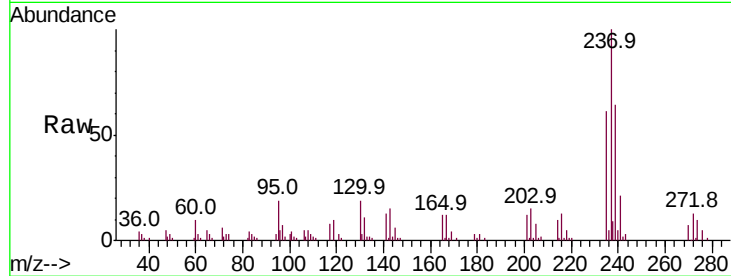
ClientSampleId :

PB114627BS

Tot Ion:	237	Resp:	61261
Ion Ratio	Lower	Upper	
237	100		
235	61.3	43.1	83.1
272	13.0	0.0	32.6

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 87.511 ng

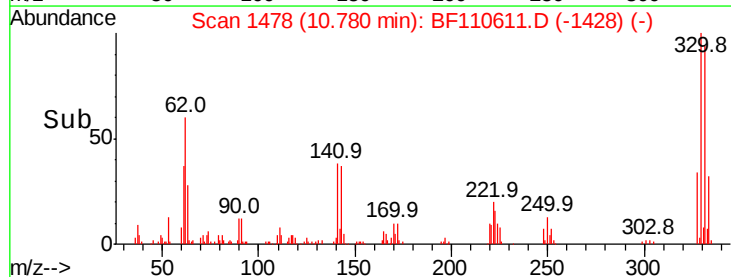
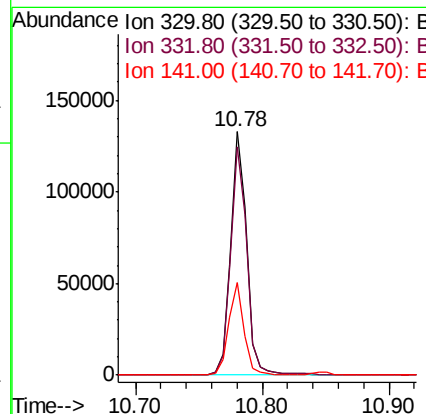
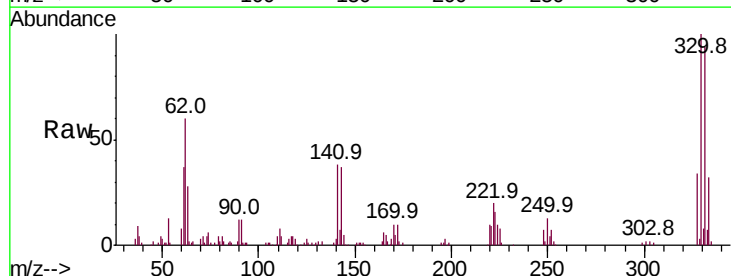
RT: 10.78 min Scan# 1478

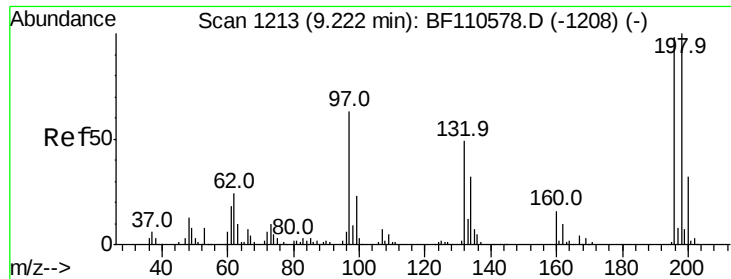
Delta R.T. -0.01 min

Lab File: BF110611.D

Acq: 9 Nov 2018 4:05

Tgt Ion:	330	Resp:	116087
Ion Ratio	Lower	Upper	
330	100		
332	95.8	77.1	115.7
141	36.8	27.0	40.4





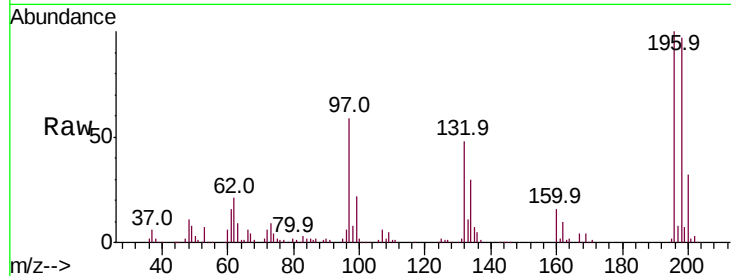
#43
 2,4,6-Trichlorophenol
 Concen: 48.884 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF110611.D
 Acq: 9 Nov 2018 4:05

Instrument :
 BNA_F
 ClientSampled :
 PB114627BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	128013		
198	97.3	76.2	114.4	
200	31.5	24.4	36.6	

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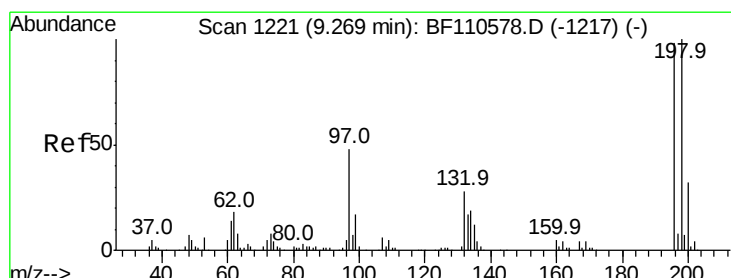
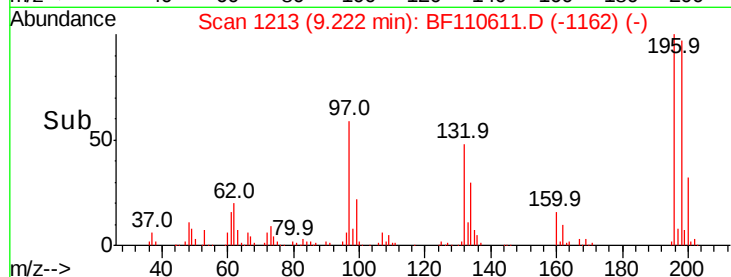
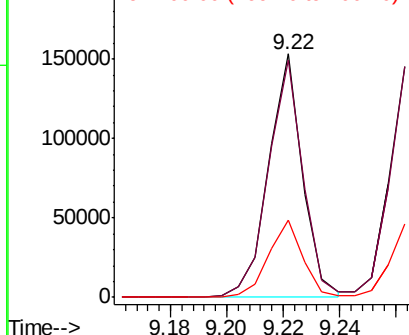


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 48.532 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BF110611.D
 Acq: 9 Nov 2018 4:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	135565		
198	99.8	75.8	113.6	
97	55.0	42.4	63.6	
132	31.7	22.8	34.2	

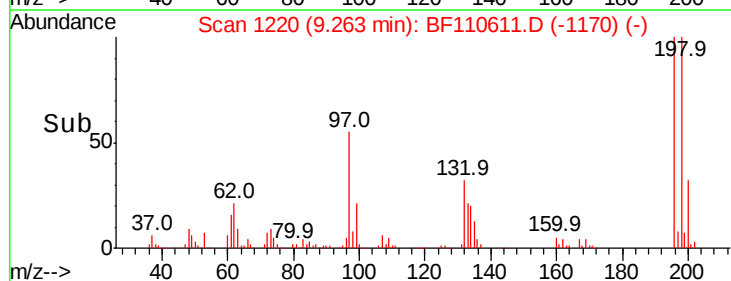
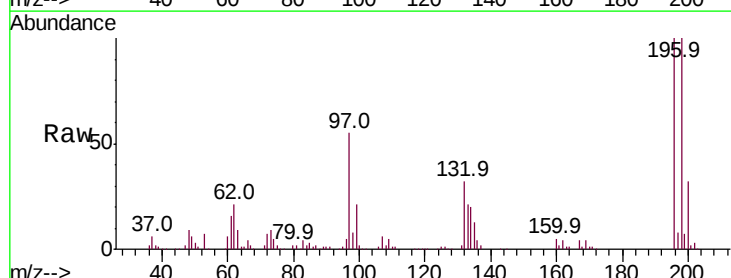
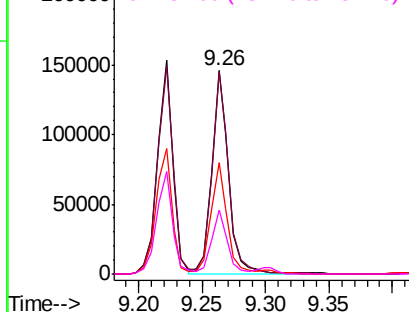
Abundance

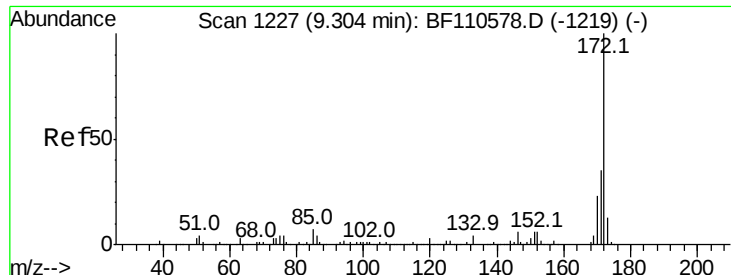
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





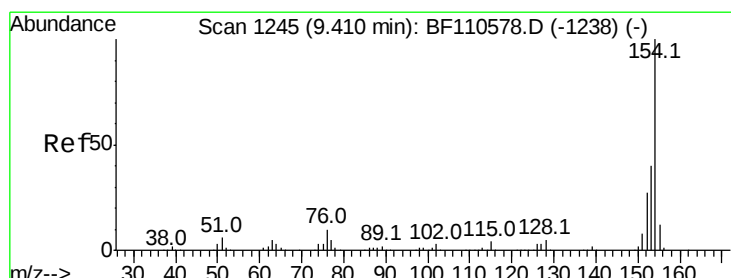
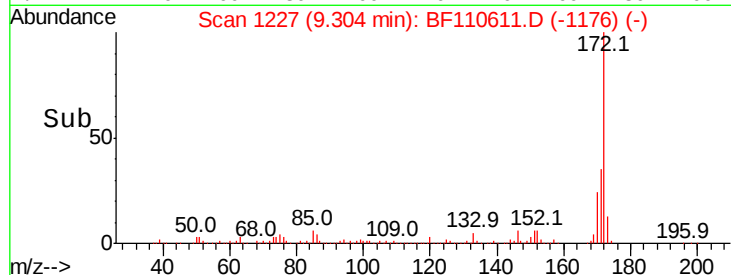
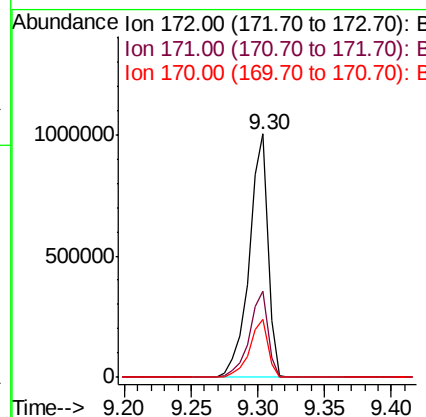
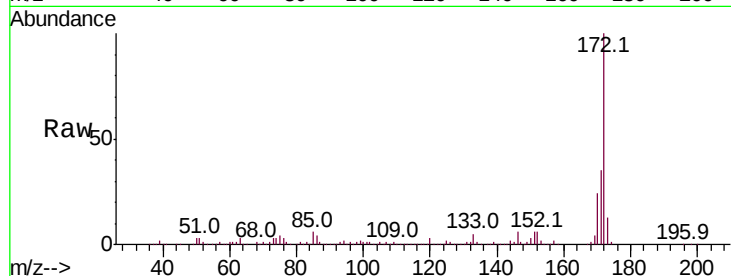
#45
2-Fluorobiphenyl
Concen: 104.617 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Instrument :
BNA_F
ClientSampleId :
PB114627BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.5	28.6	43.0	
170	23.7	19.7	29.5	

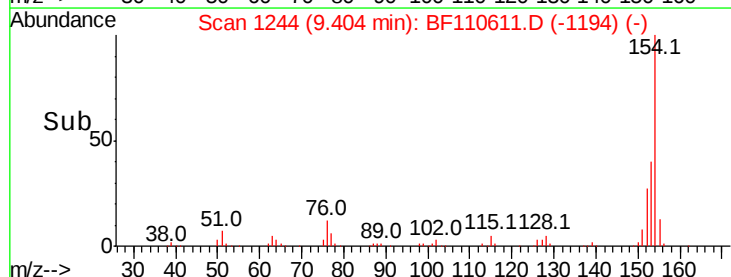
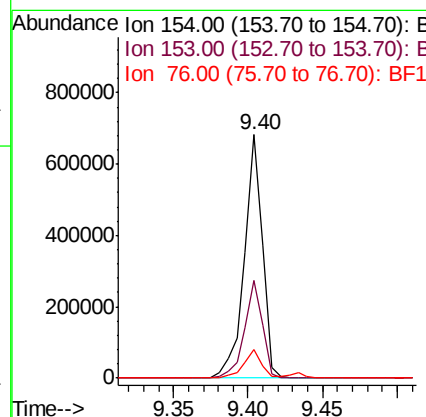
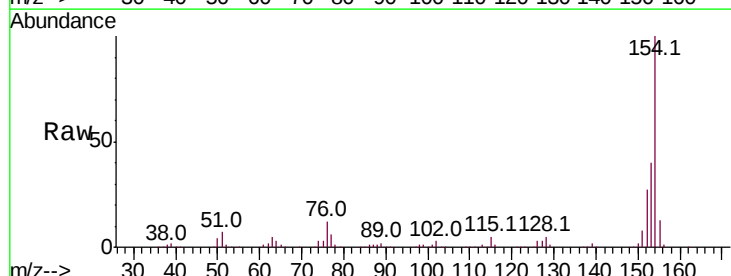
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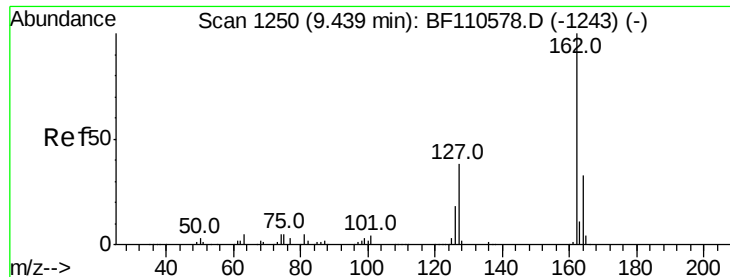
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#46
1,1'-Biphenyl
Concen: 46.663 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.2	20.4	60.4	
76	11.6	0.0	31.9	





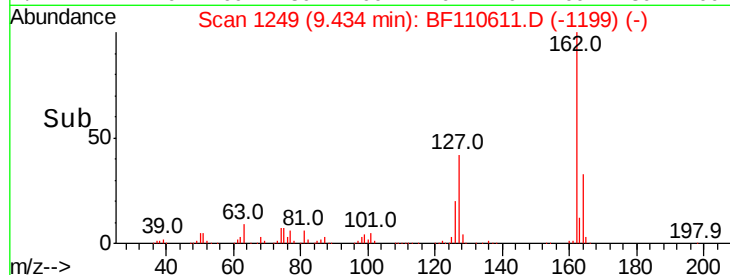
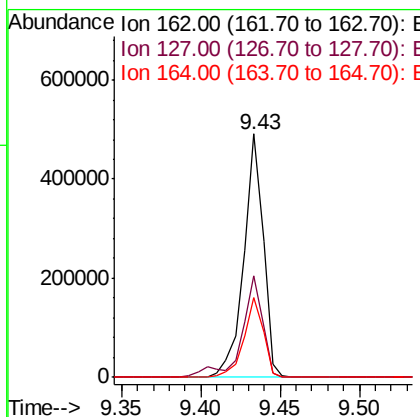
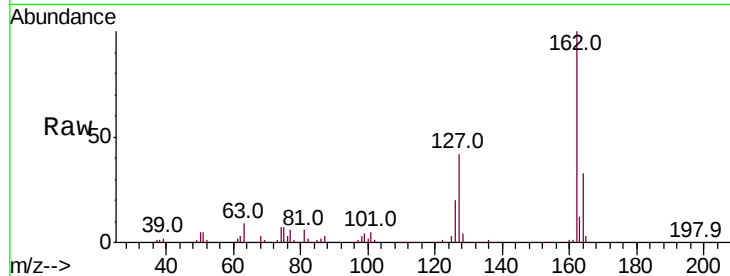
#47
 2-Chloronaphthalene
 Concen: 47.276 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BF110611.D
 Acq: 9 Nov 2018 4:05

Instrument :
 BNA_F
 ClientSampleId :
 PB114627BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	41.7	32.6	48.8	
164	32.5	25.9	38.9	

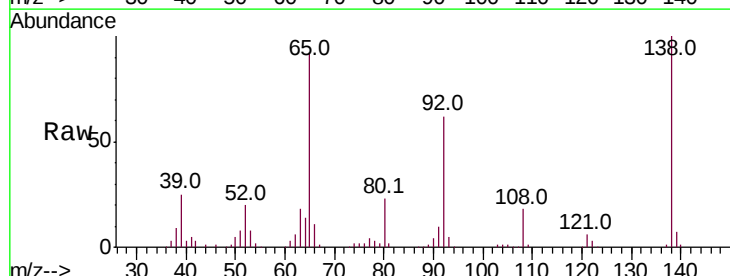
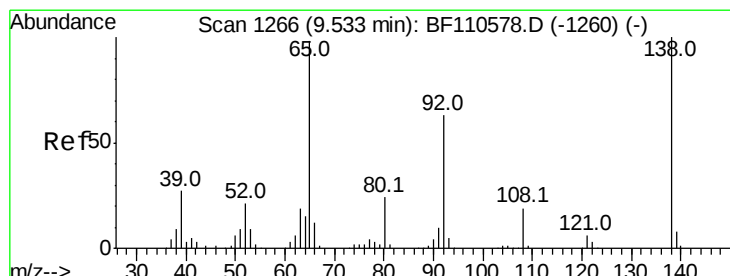
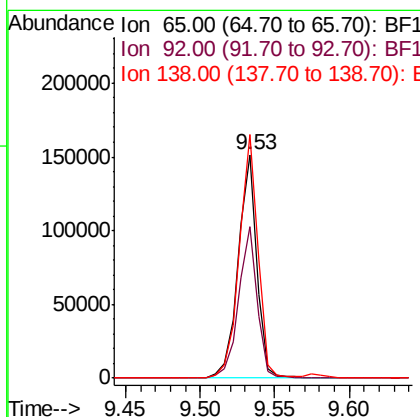
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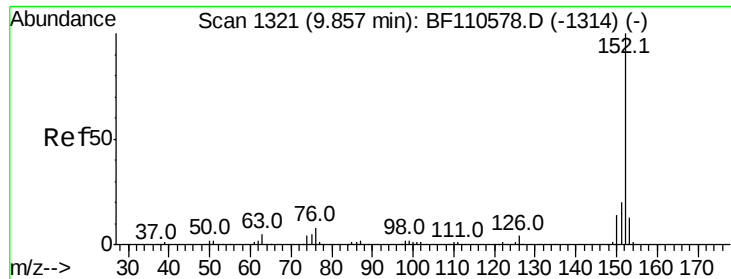
Sohil
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#48
 2-Nitroaniline
 Concen: 48.814 ng
 RT: 9.53 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: BF110611.D
 Acq: 9 Nov 2018 4:05

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	67.8	54.6	81.8	
138	108.9	80.3	120.5	





#49

Acenaphthylene

Concen: 50.423 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF110611.D

Acq: 9 Nov 2018 4:05

Instrument :

BNA_F

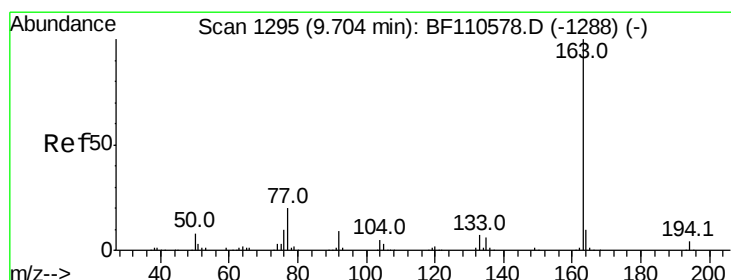
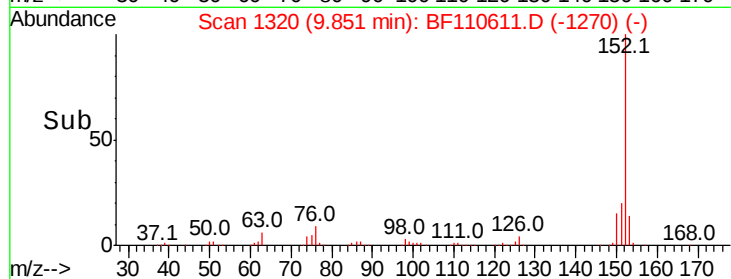
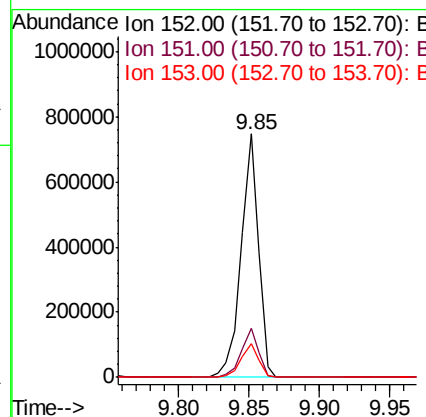
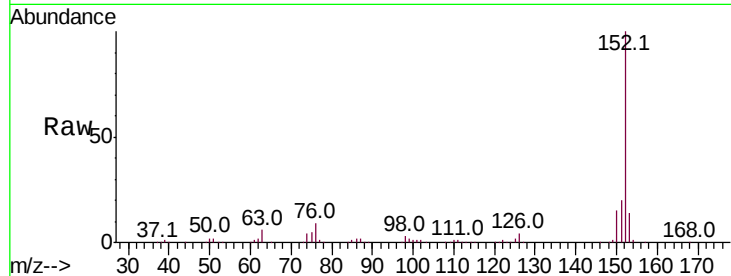
ClientSampleId :

PB114627BS

Tot Ion:	152	Resp:	642489
Ion Ratio	Lower	Upper	
152	100		
151	20.0	15.8	23.8
153	13.8	10.4	15.6

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#50

Dimethylphthalate

Concen: 51.250 ng

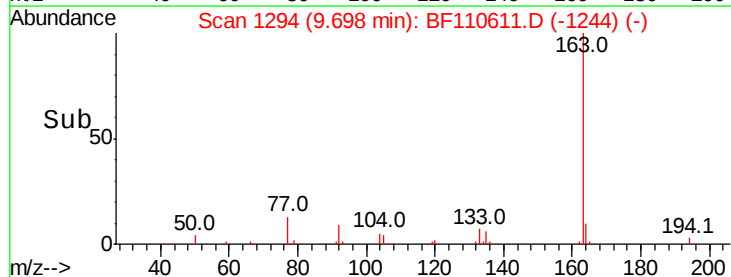
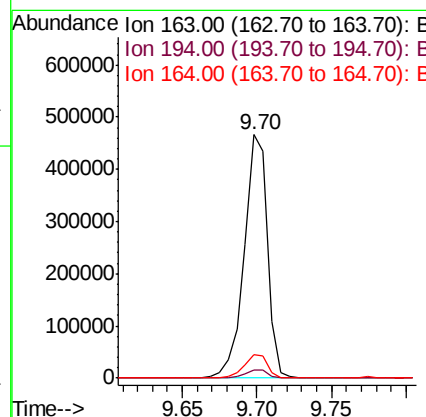
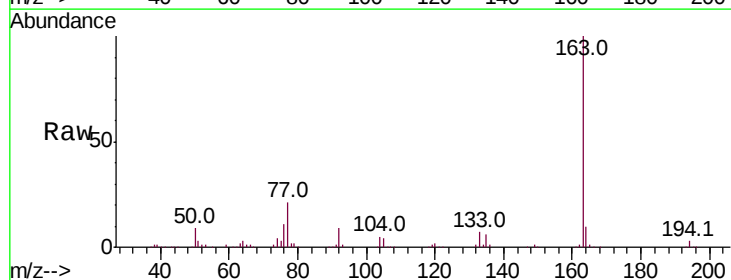
RT: 9.70 min Scan# 1294

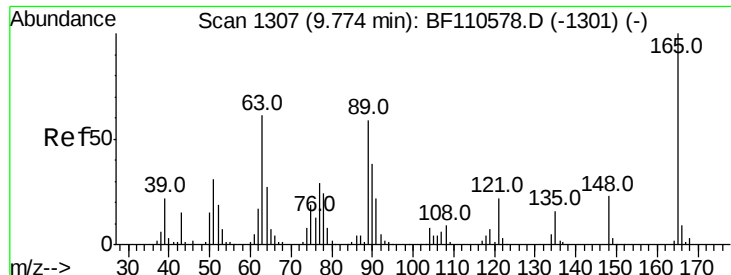
Delta R.T. -0.01 min

Lab File: BF110611.D

Acq: 9 Nov 2018 4:05

Tgt Ion:	163	Resp:	503451
Ion Ratio	Lower	Upper	
163	100		
194	3.4	3.2	4.8
164	9.9	8.1	12.1





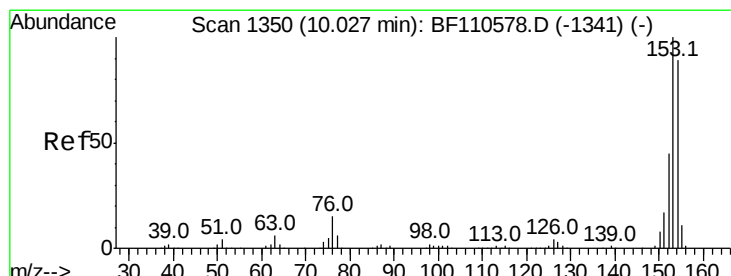
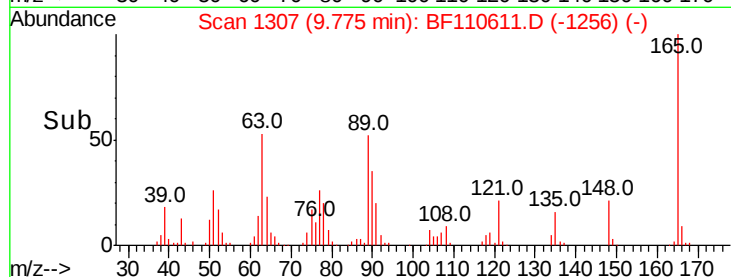
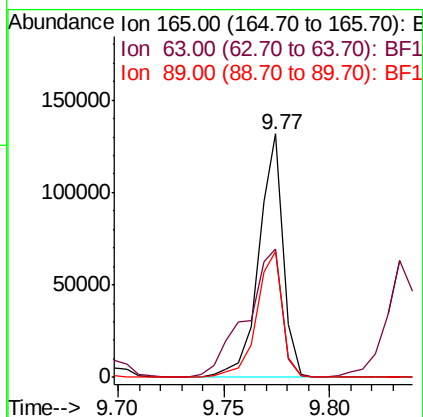
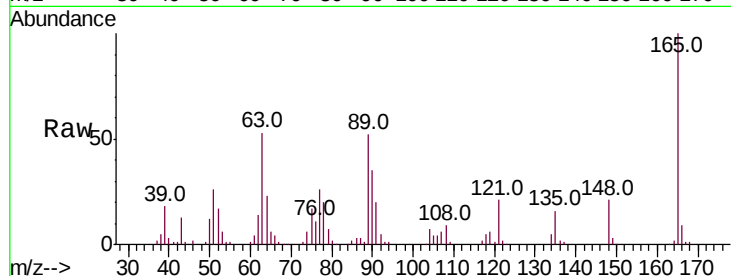
#51
2,6-Dinitrotoluene
Concen: 48.818 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Instrument :
BNA_F
ClientSampleId :
PB114627BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	52.7	48.9	73.3	
89	51.9	46.6	69.8	

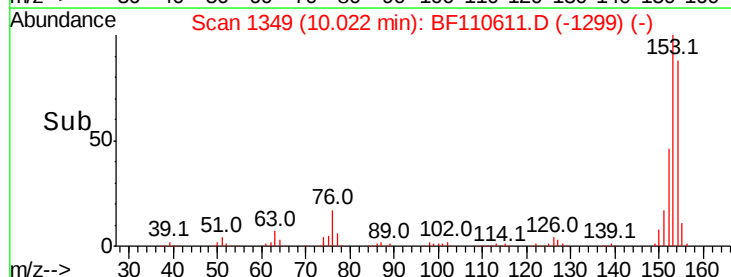
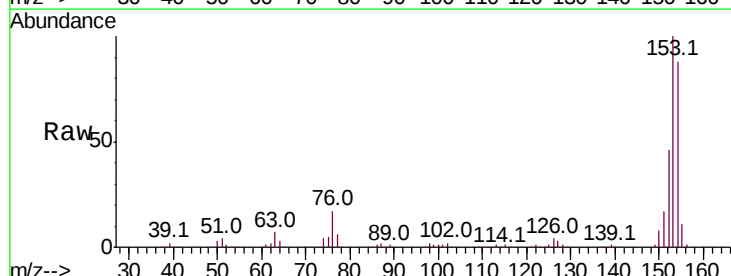
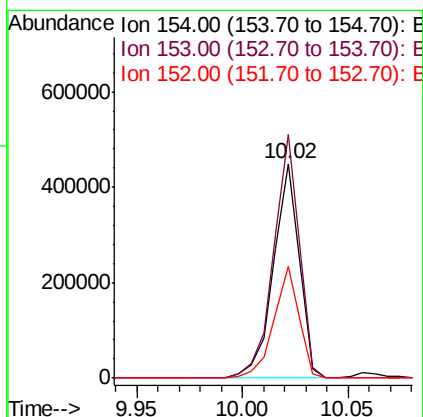
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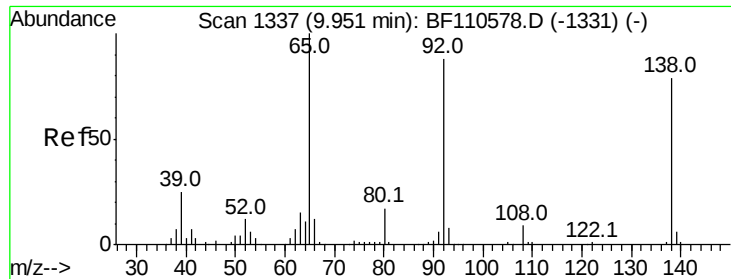
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#52
Acenaphthene
Concen: 47.569 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	113.5	90.1	135.1	
152	51.9	43.4	65.2	





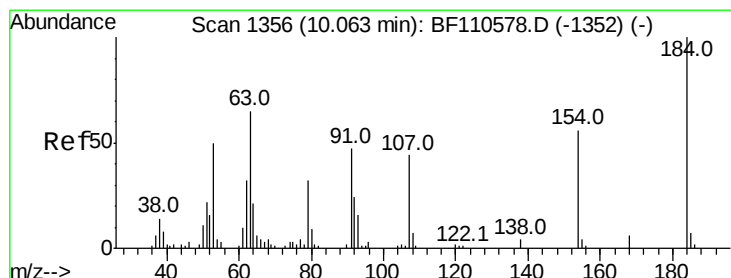
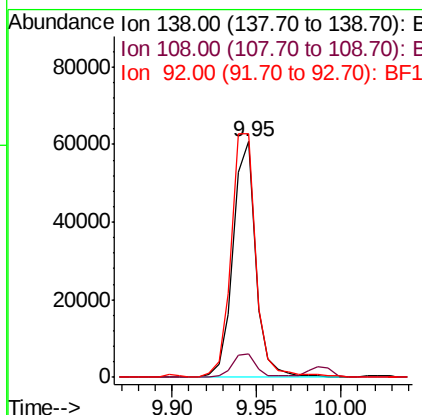
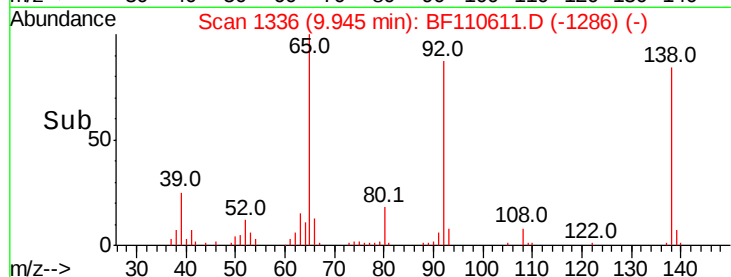
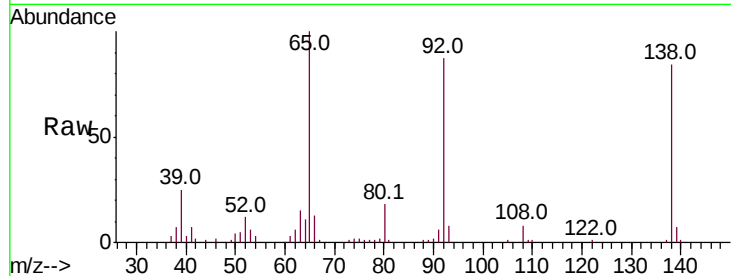
#53
3-Nitroaniline
Concen: 22.700 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Instrument :
BNA_F
ClientSampleId :
PB114627BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	8.7	13.1
92	103.3	97.0	145.4

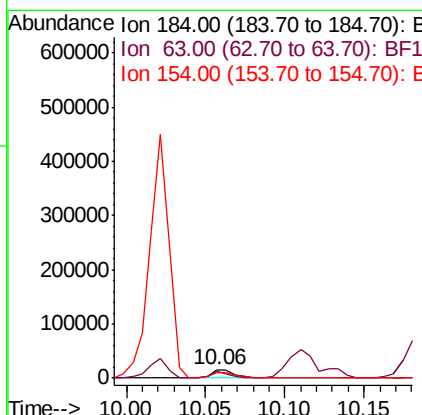
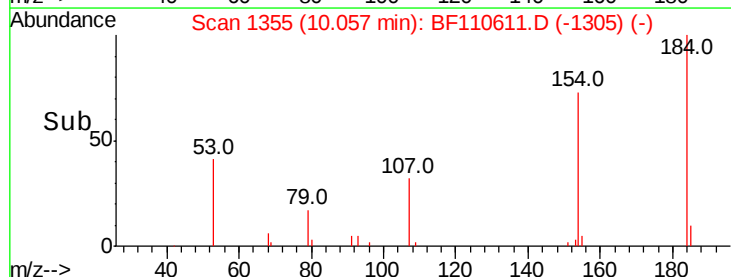
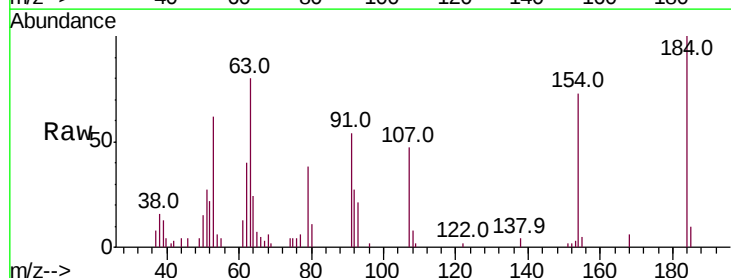
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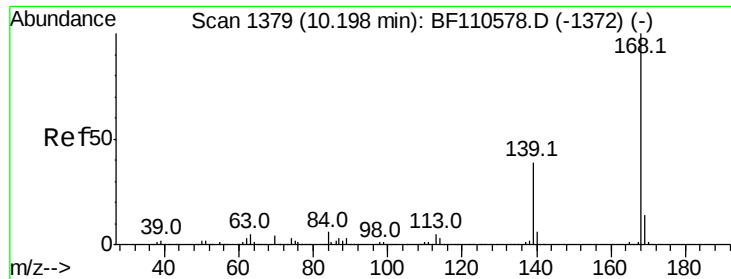
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#54
2,4-Dinitrophenol
Concen: 24.996 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Tgt Ion	Ratio	Lower	Upper
184	100		
63	79.7	55.8	83.6
154	72.9	63.2	94.8





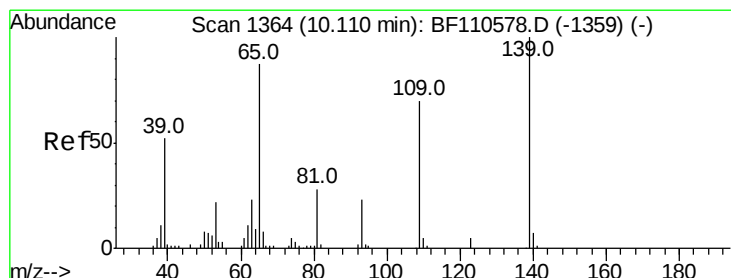
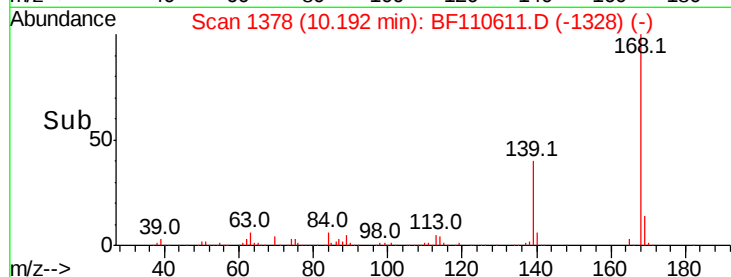
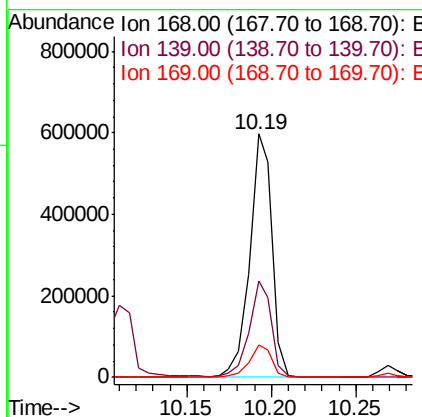
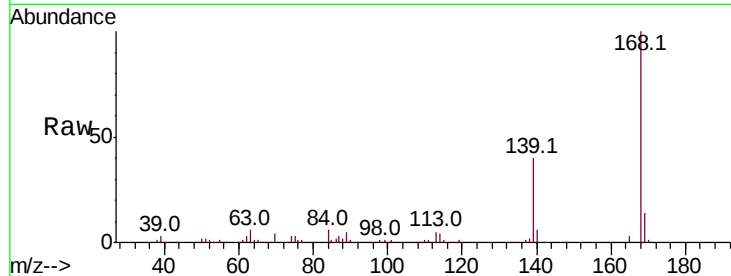
#55
Dibenzofuran
Concen: 46.834 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Instrument :
BNA_F
ClientSampleId :
PB114627BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.6	33.0	49.6
169	13.5	11.3	16.9

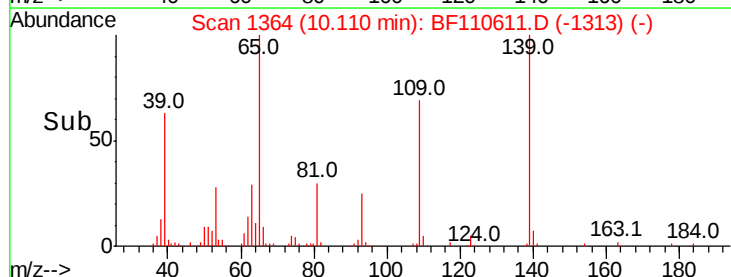
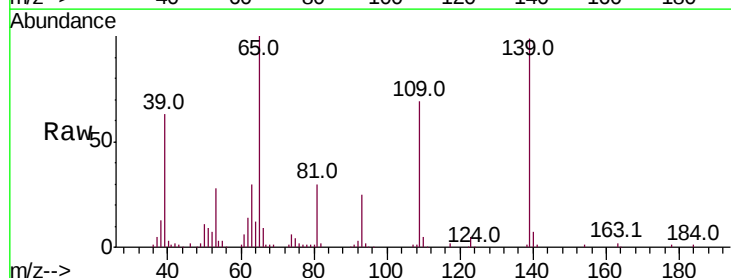
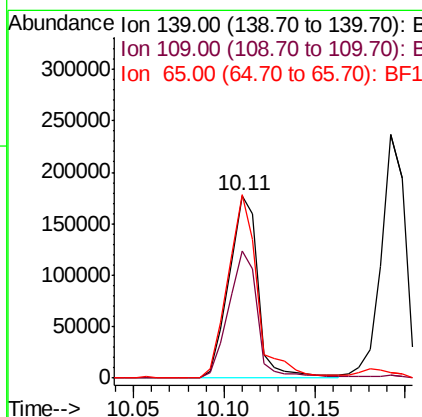
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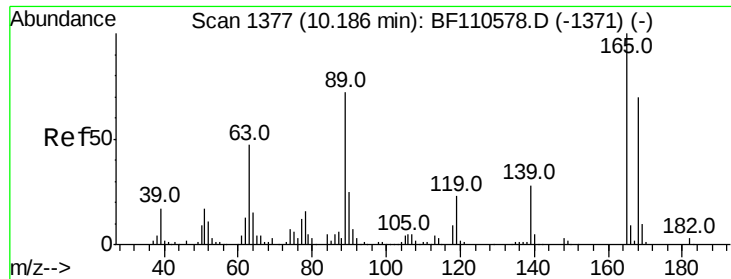
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#56
4-Nitrophenol
Concen: 119.518 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.7	55.8	95.8
65	100.6	77.9	117.9





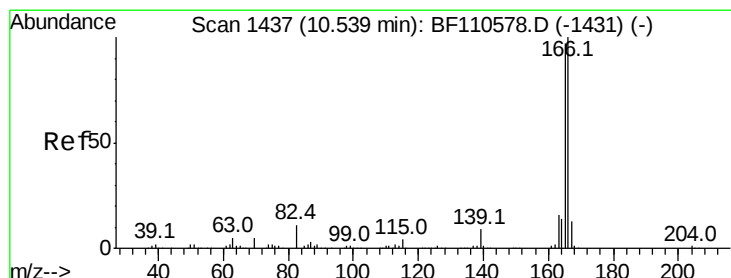
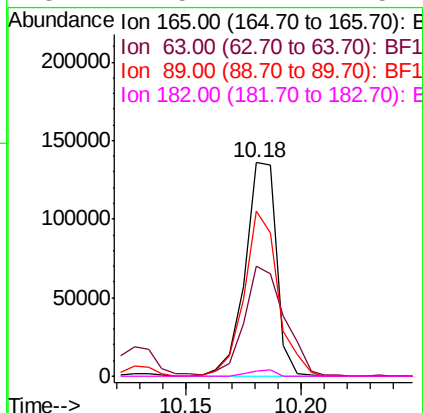
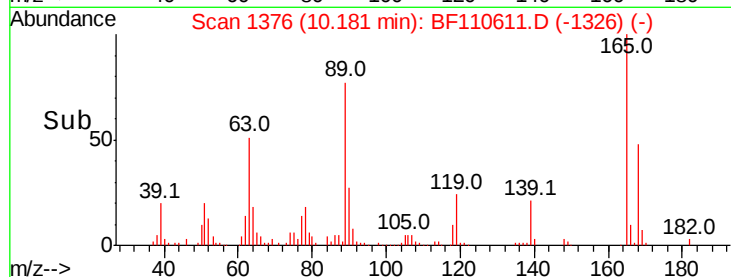
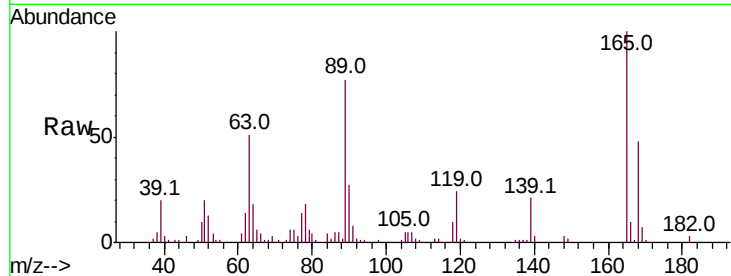
#57
2,4-Dinitrotoluene
Concen: 46.289 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Instrument :
BNA_F
ClientSampleId :
PB114627BS

Tot Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	51.4	44.8	67.2
89	77.5	62.2	93.4
182	2.5	2.1	3.1

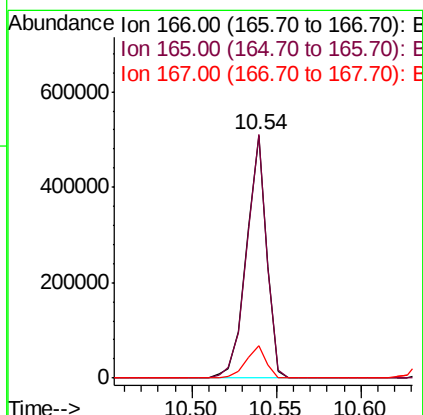
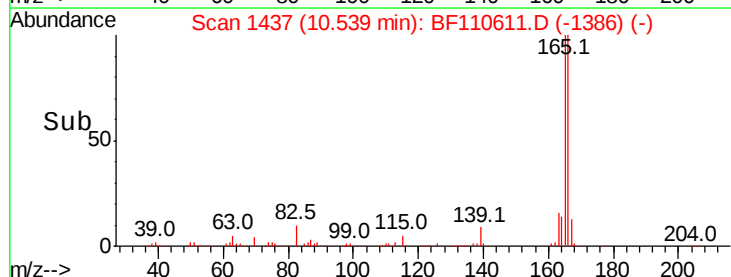
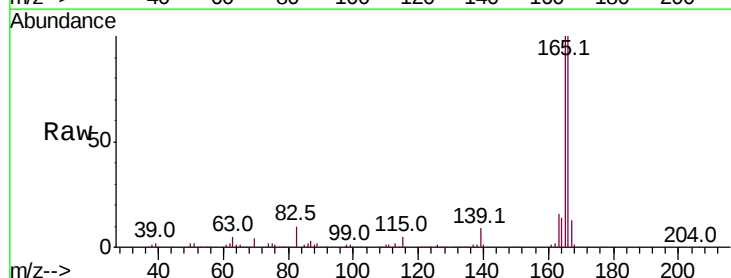
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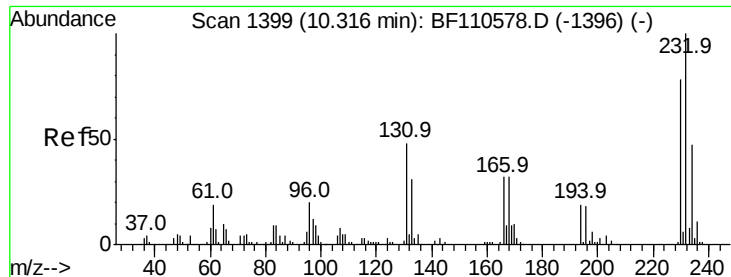
Sohil
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#58
Fluorene
Concen: 47.033 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	100.5	78.6	117.8
167	13.5	10.8	16.2





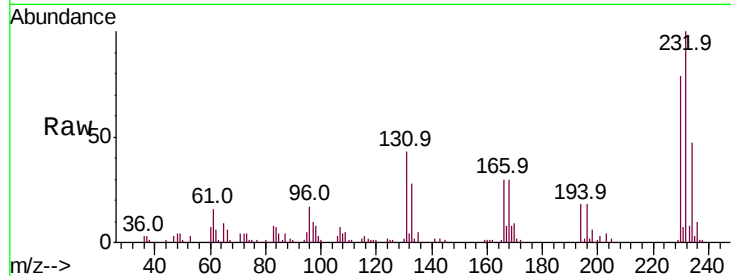
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.242 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Instrument :
BNA_F
ClientSampleId :
PB114627BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	50.2	37.0	55.4
130	2.3	1.8	2.6
166	33.2	22.0	33.0#

Manual Integrations
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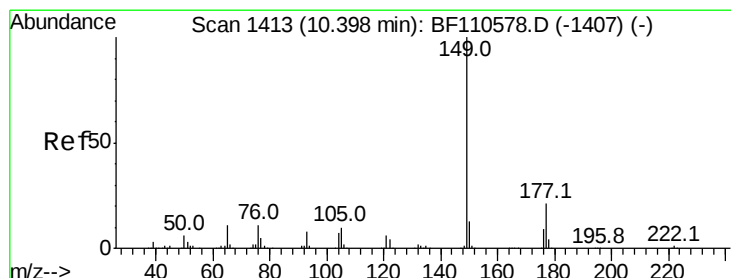
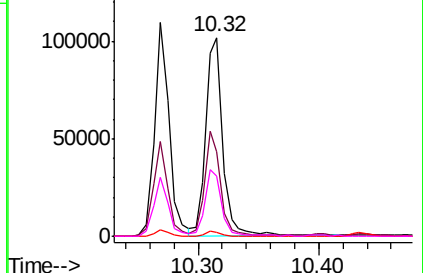
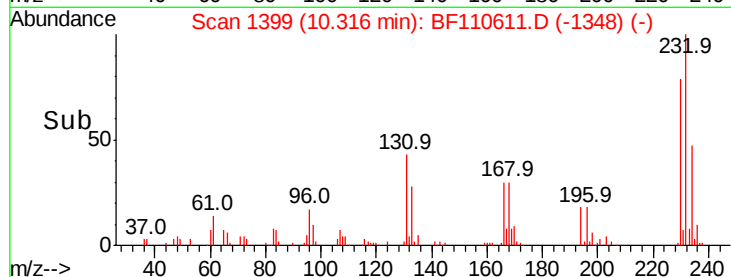
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

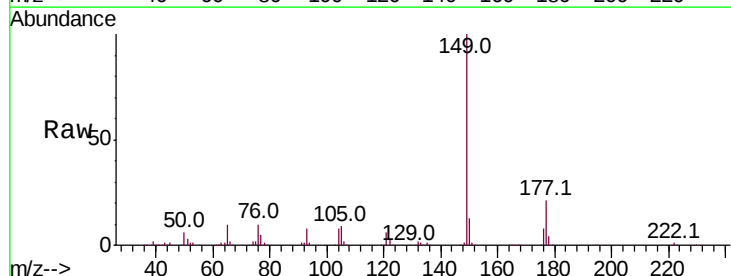
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 48.932 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.1	17.4	26.2
150	12.7	9.8	14.8

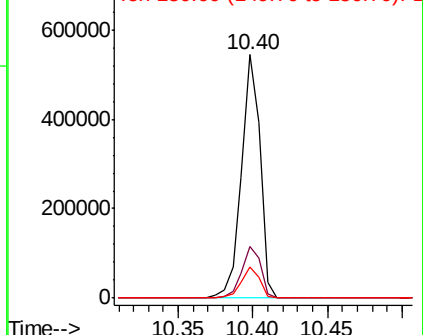
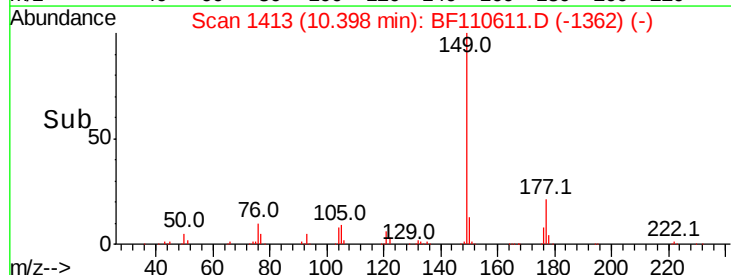


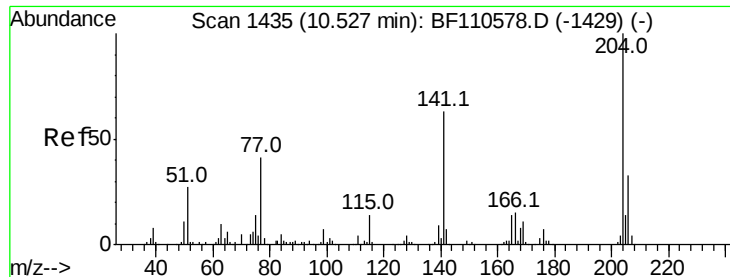
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





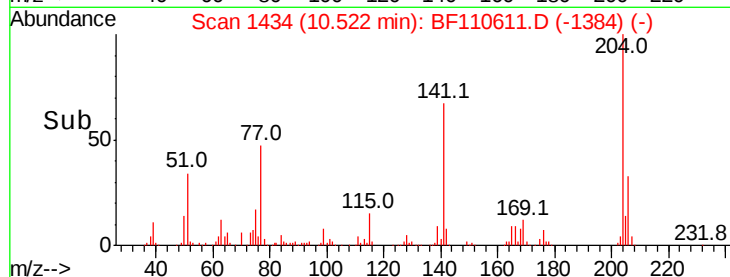
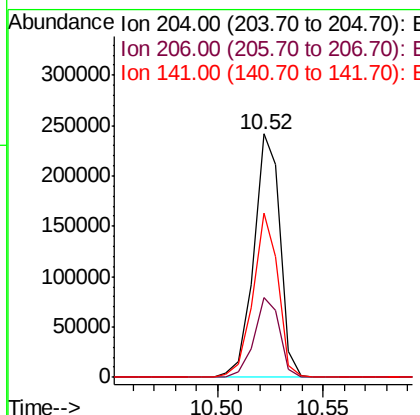
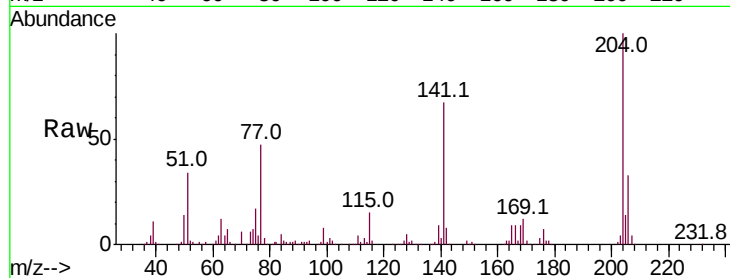
#61
4-Chlorophenyl-phenylether
Concen: 44.723 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Instrument :
BNA_F
ClientSampleId :
PB114627BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.5	39.7
141	67.4	51.8	77.8

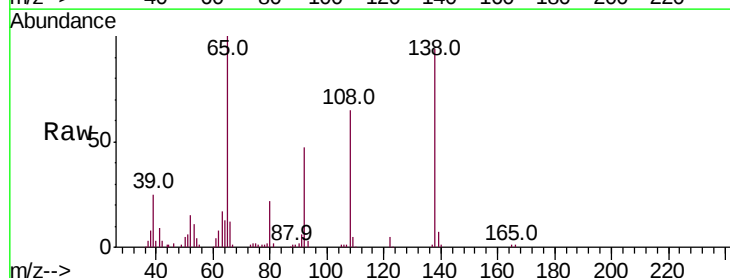
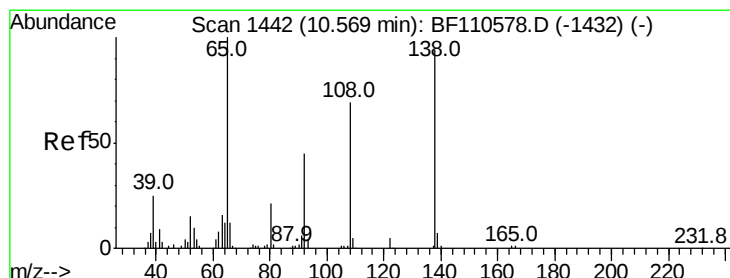
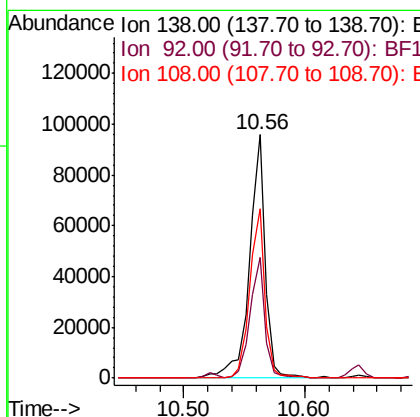
Manual Integrations
APPROVED

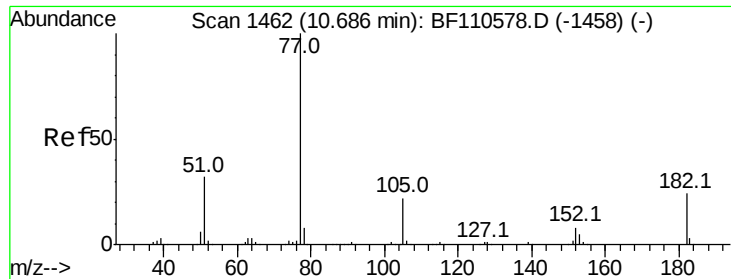
Sohil
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#62
4-Nitroaniline
Concen: 35.092 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.4	31.7	71.7
108	69.5	59.3	99.3





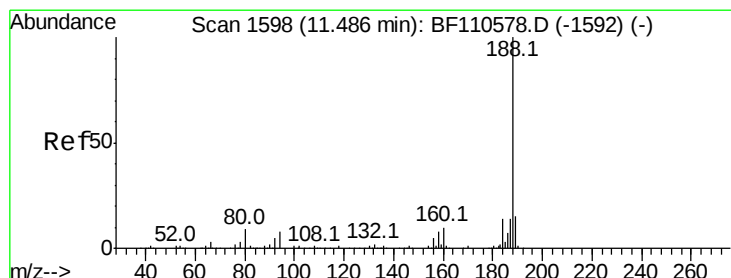
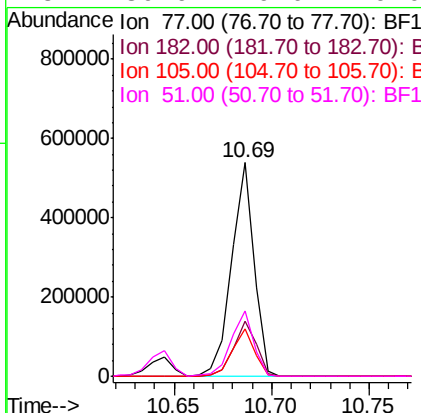
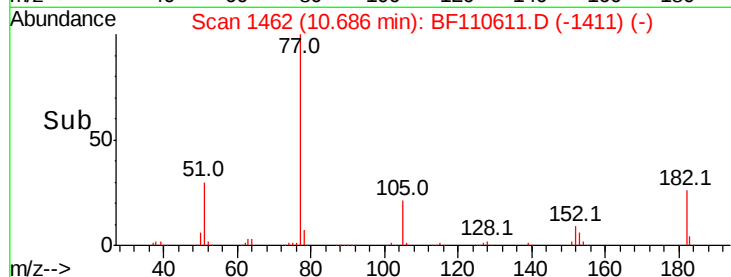
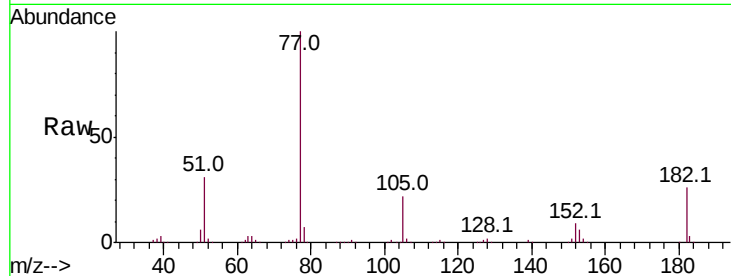
#63
Azobenzene
Concen: 45.696 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.00 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Instrument :
BNA_F
ClientSampleId :
PB114627BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.1	4.3	44.3
105	22.1	1.3	41.3
51	30.6	9.0	49.0

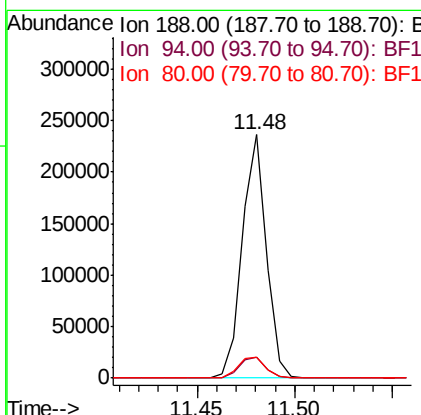
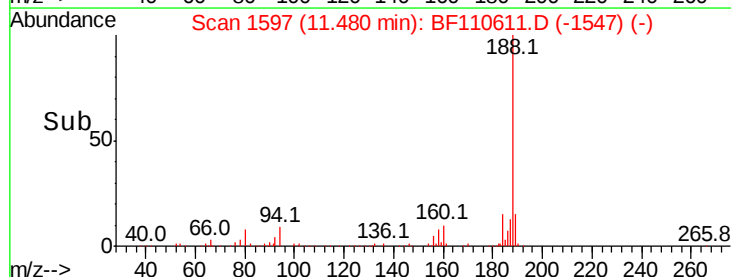
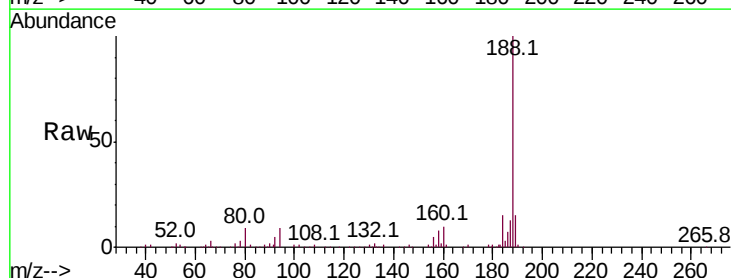
Manual Integrations
APPROVED

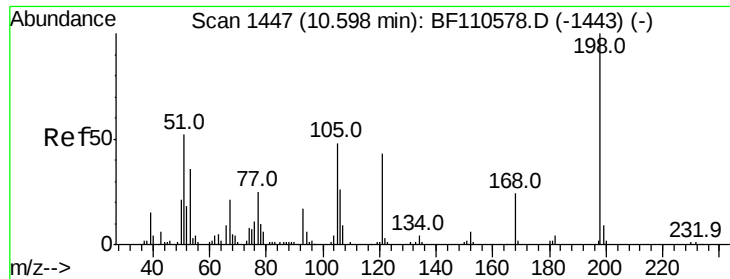
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.2	10.8
80	8.7	7.9	11.9





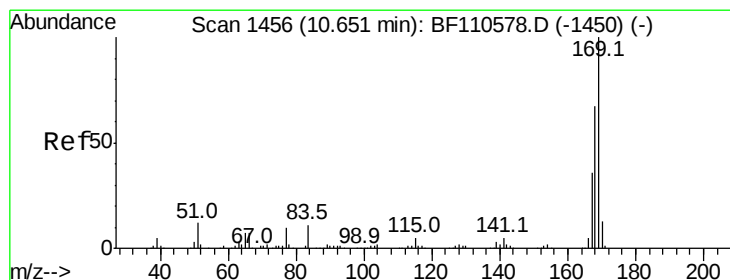
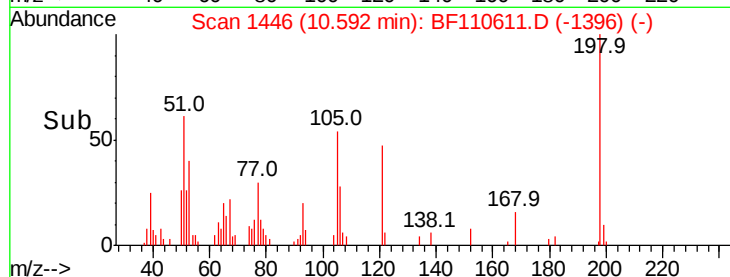
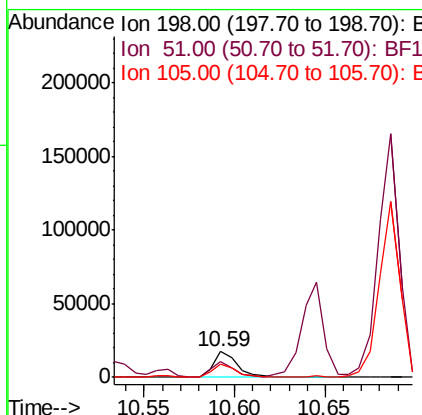
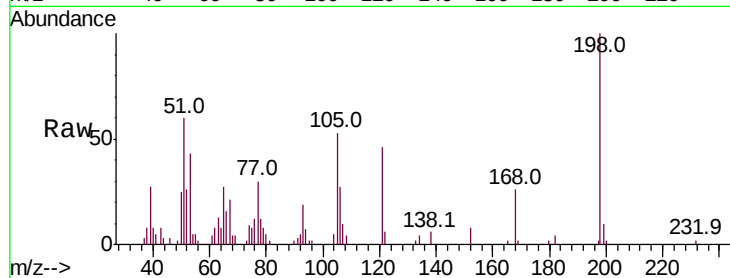
#65
4,6-Dinitro-2-methylphenol
Concen: 15.807 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Instrument :
BNA_F
ClientSampleId :
PB114627BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	16071		
51	59.6	22.8	62.8	
105	53.4	23.6	63.6	

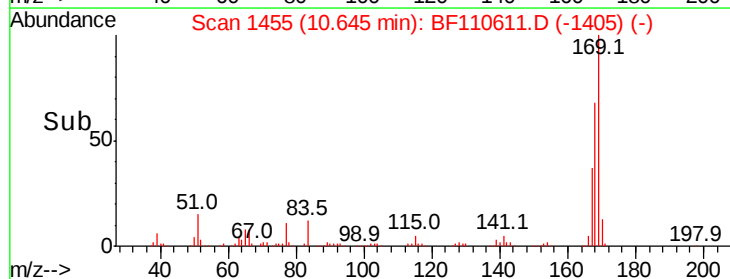
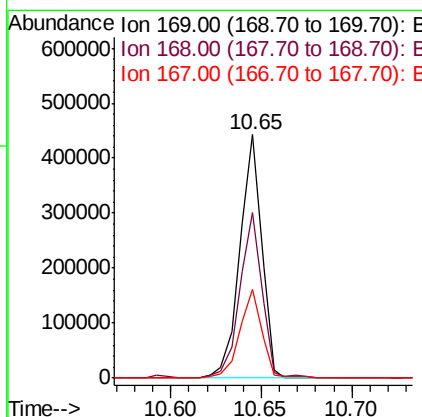
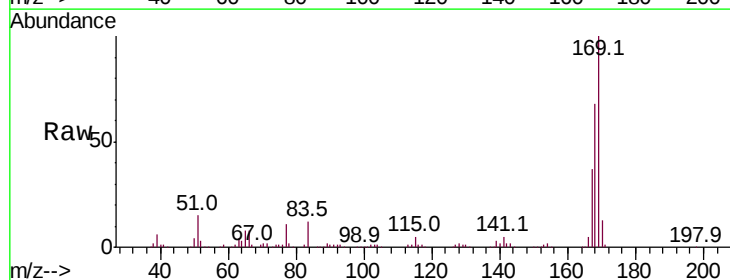
Manual Integrations
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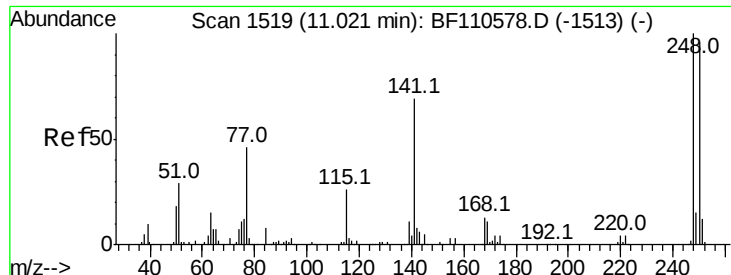
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#66
n-Nitrosodiphenylamine
Concen: 54.833 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	372844		
168	68.0	51.2	76.8	
167	36.5	27.8	41.6	





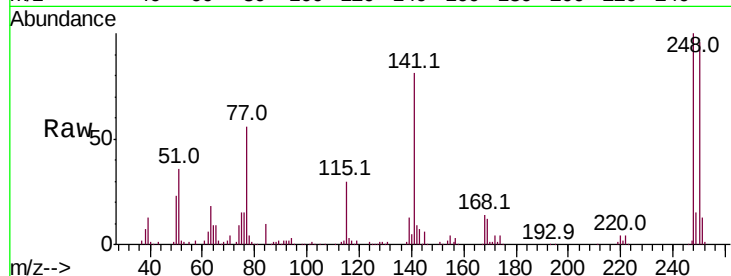
#67
4-Bromophenyl-phenylether
Concen: 52.895 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Instrument :
BNA_F
ClientSampleId :
PB114627BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.4	79.4	119.2
141	80.7	55.9	83.9

Manual Integrations
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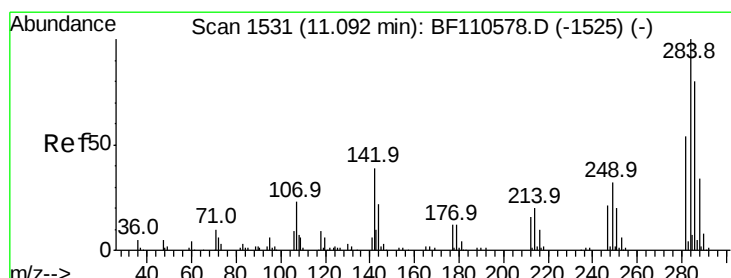
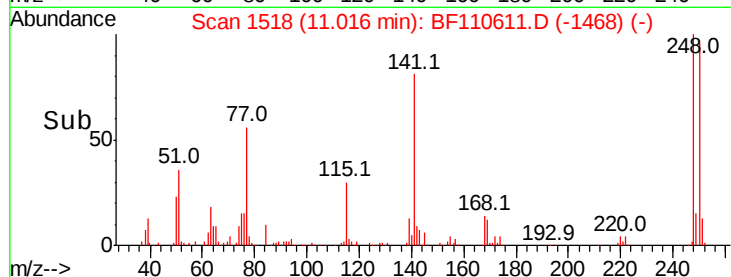
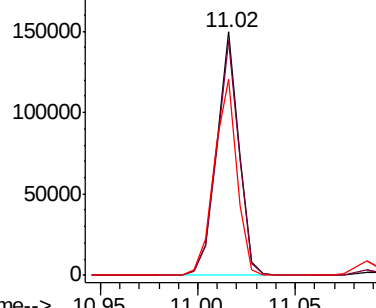


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 49.419 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

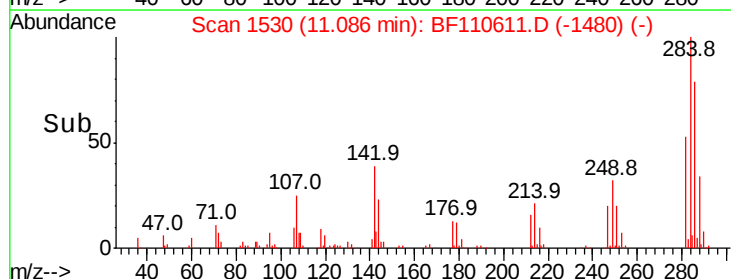
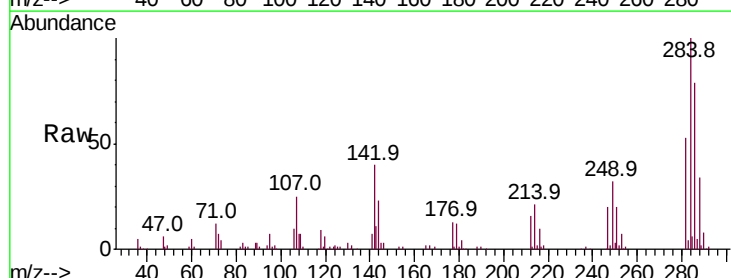
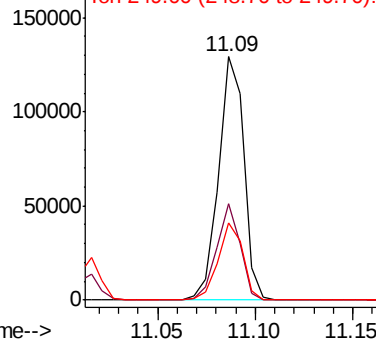
Tgt Ion	Ratio	Lower	Upper
284	100		
142	39.8	23.9	35.9#
249	31.8	24.2	36.2

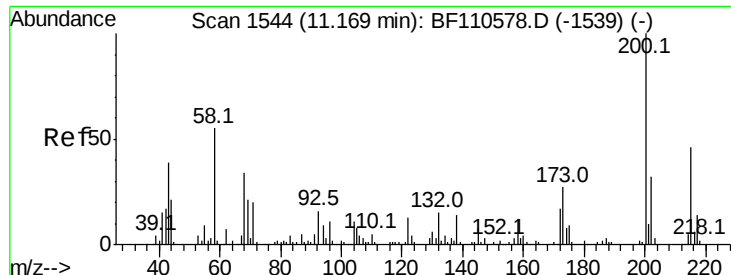
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





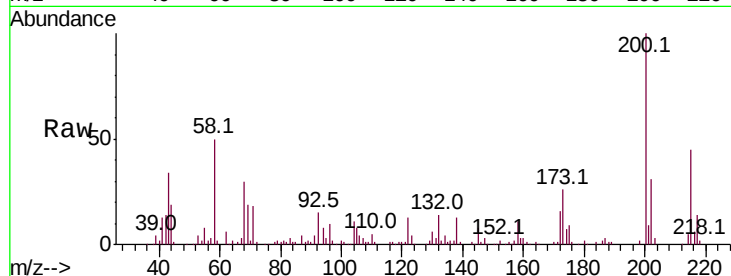
#69
Atrazine
Concen: 56.865 ng
RT: 11.17 min Scan# 1544
Delta R.T. 0.00 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Instrument :
BNA_F
ClientSampleId :
PB114627BS

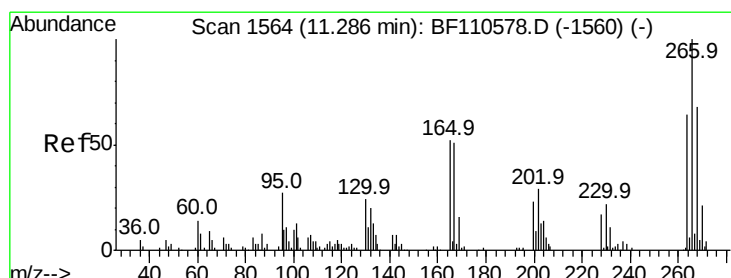
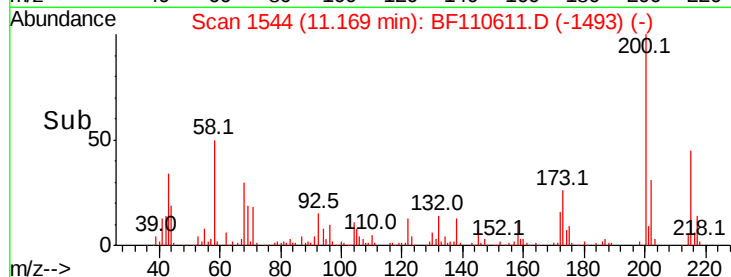
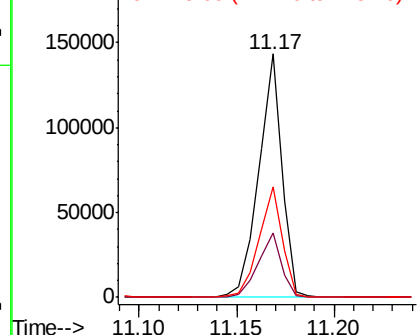
Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.2	6.6	46.6
215	45.4	26.3	66.3

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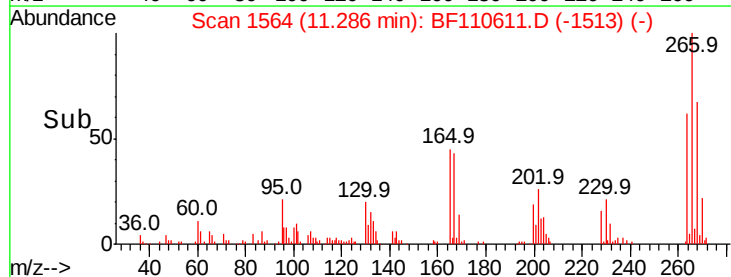
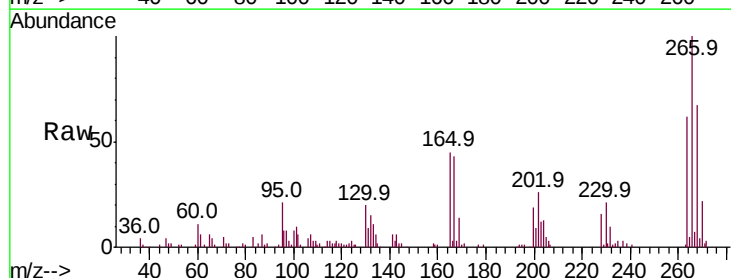
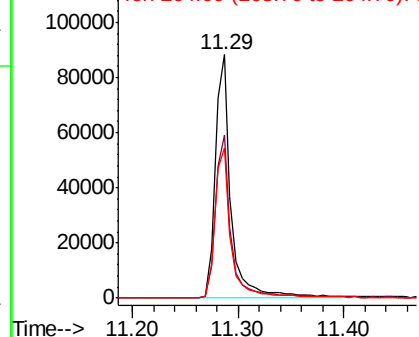
Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

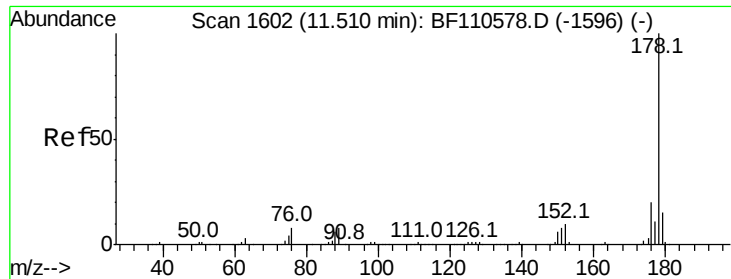


#70
Pentachlorophenol
Concen: 74.200 ng
RT: 11.29 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	67.1	50.6	75.8
264	61.7	50.6	75.8

Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





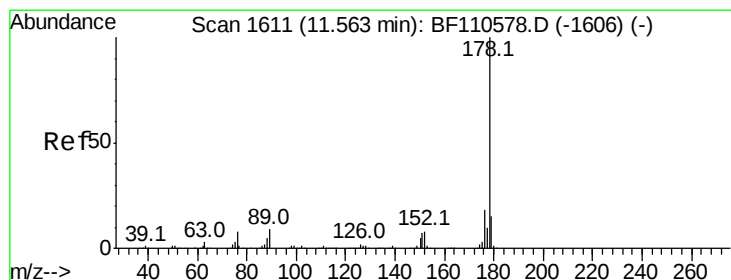
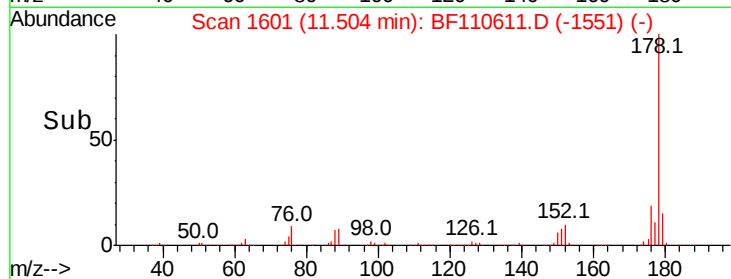
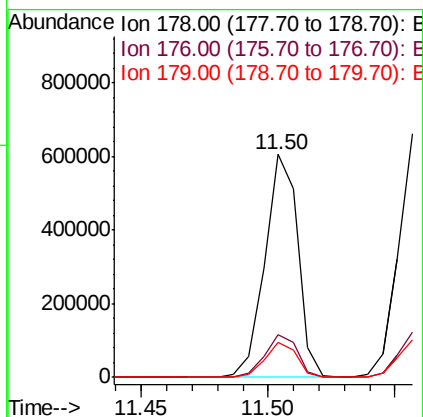
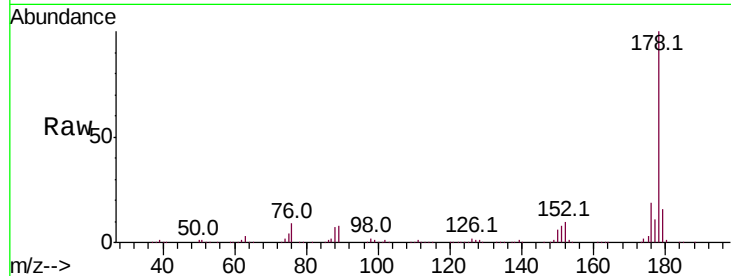
#71
Phenanthrene
Concen: 51.267 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Instrument :
BNA_F
ClientSampleId :
PB114627BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.5	23.3
179	15.6	12.5	18.7

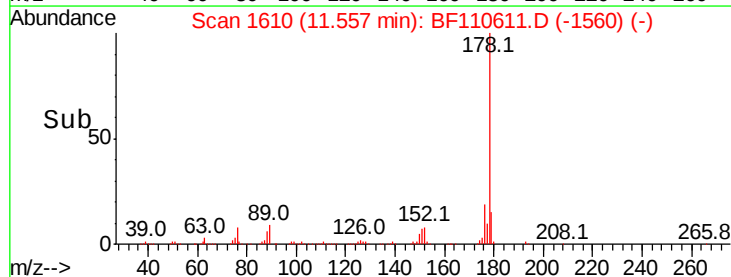
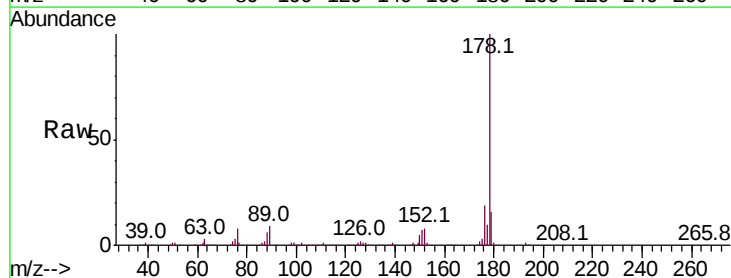
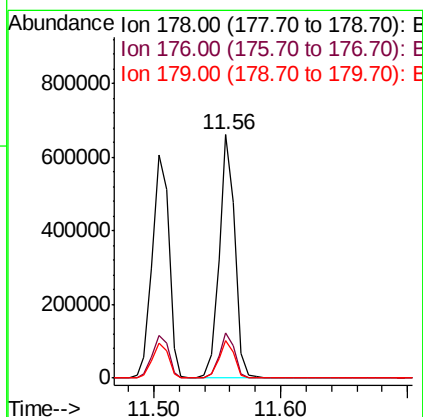
Manual Integrations
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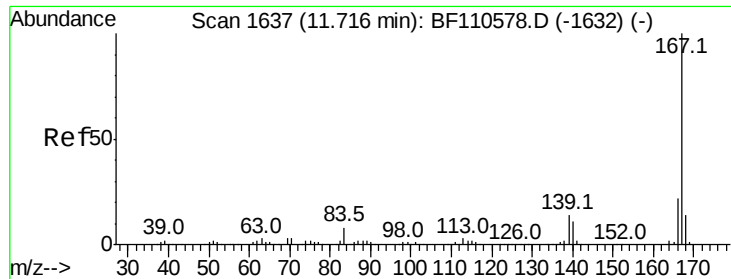
Sohil
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#72
Anthracene
Concen: 52.292 ng
RT: 11.56 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	15.6	12.6	18.8





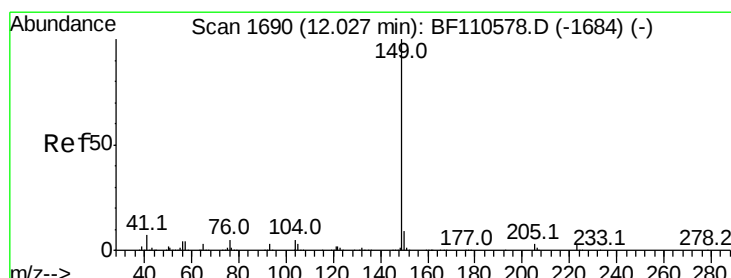
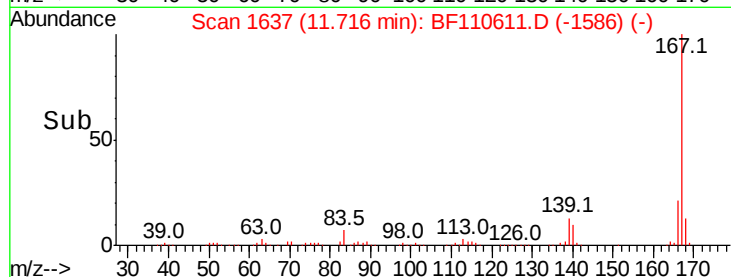
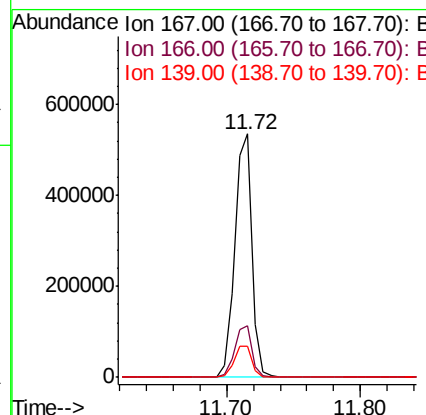
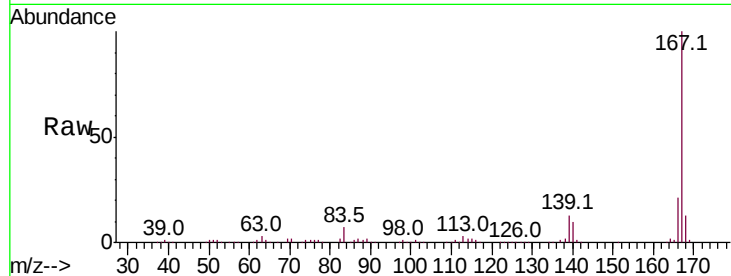
#73
 Carbazole
 Concen: 46.390 ng
 RT: 11.72 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: BF110611.D
 Acq: 9 Nov 2018 4:05

Instrument :
 BNA_F
 ClientSampleId :
 PB114627BS

Tot Ion	Ratio	Resp Lower	Upper
167	100		
166	21.0	17.4	26.0
139	12.9	10.9	16.3

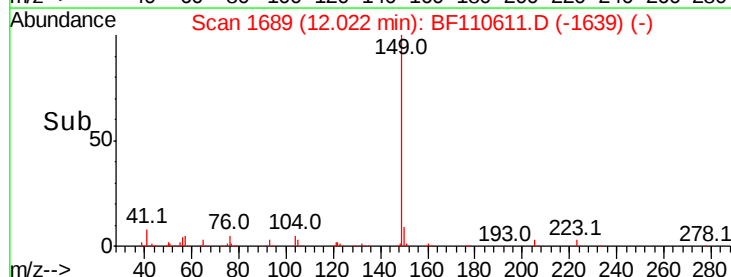
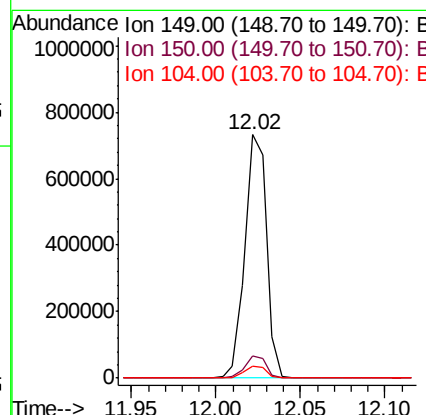
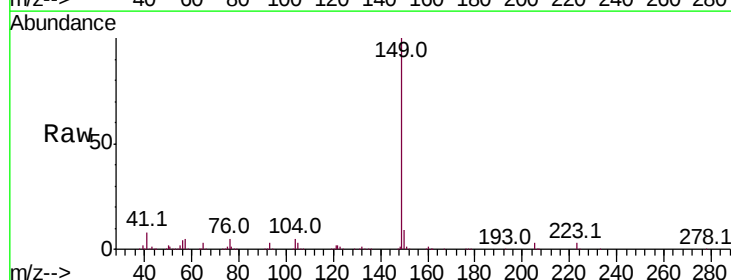
Manual Integrations
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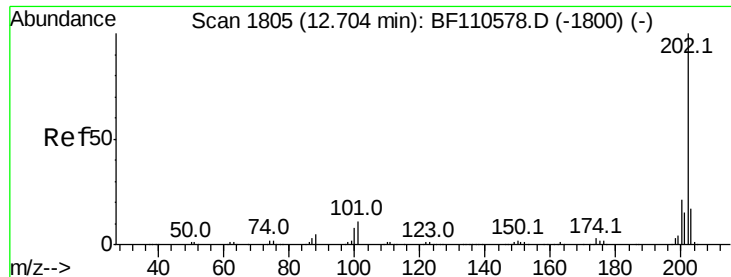
Sohil
 11/9/2018 4:26:23 PM



#74
 Di-n-butylphthalate
 Concen: 53.441 ng
 RT: 12.02 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BF110611.D
 Acq: 9 Nov 2018 4:05

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
150	9.2	7.7	11.5
104	5.2	4.2	6.4





#75

Fluoranthene

Concen: 47.525 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF110611.D

Acq: 9 Nov 2018 4:05

Instrument :

BNA_F

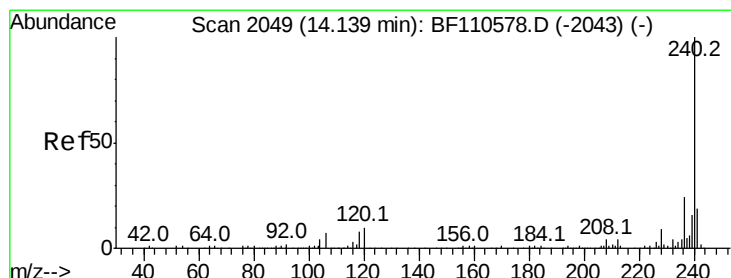
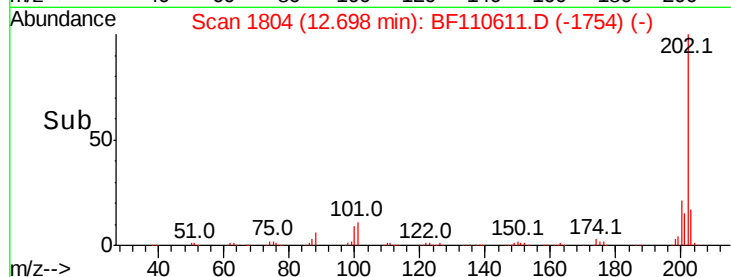
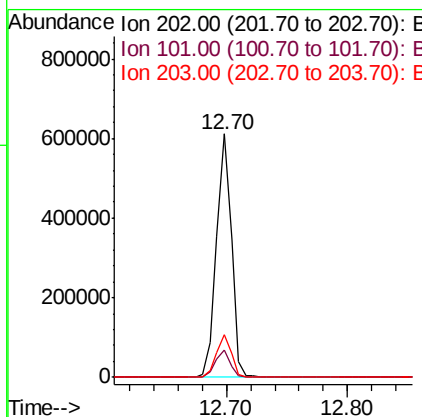
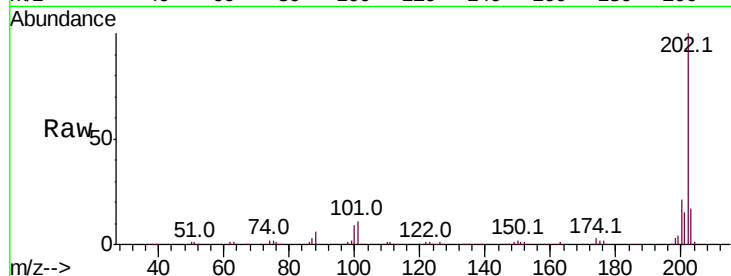
ClientSampleId :

PB114627BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
101	11.3	0.0	31.4	
203	17.4	0.0	37.7	

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#76

Chrysene-d12

Concen: 20.000 ng

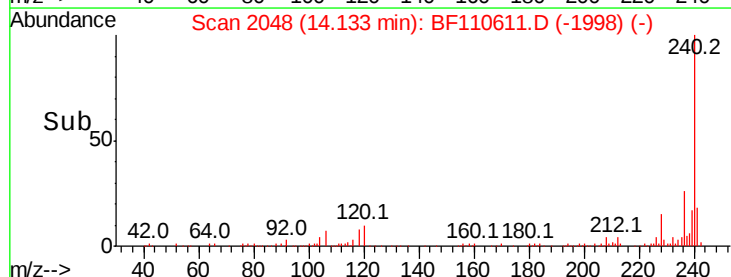
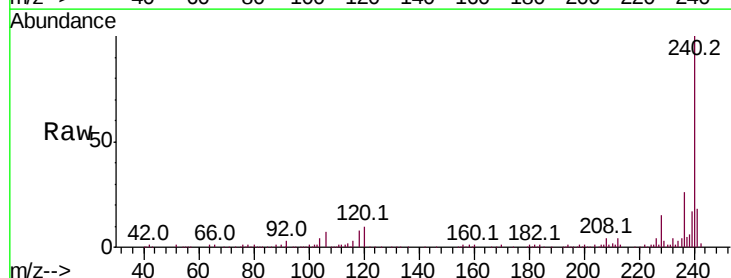
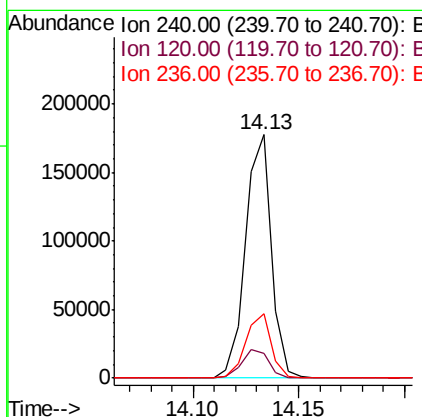
RT: 14.13 min Scan# 2048

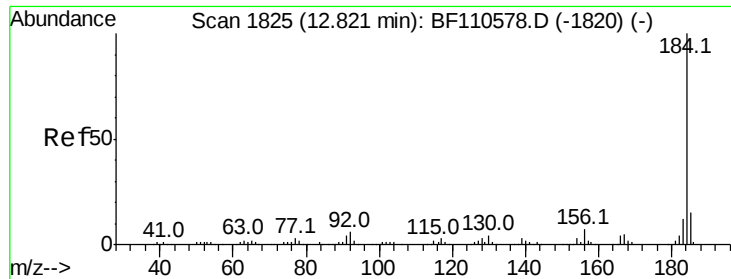
Delta R.T. -0.01 min

Lab File: BF110611.D

Acq: 9 Nov 2018 4:05

Tgt Ion	Ratio	Resp	Lower	Upper
240	100			
120	10.0	8.3	12.5	
236	26.2	21.2	31.8	





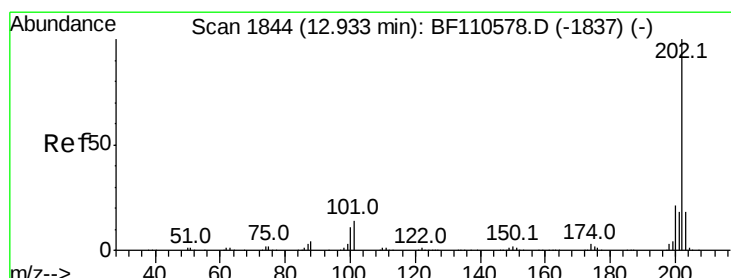
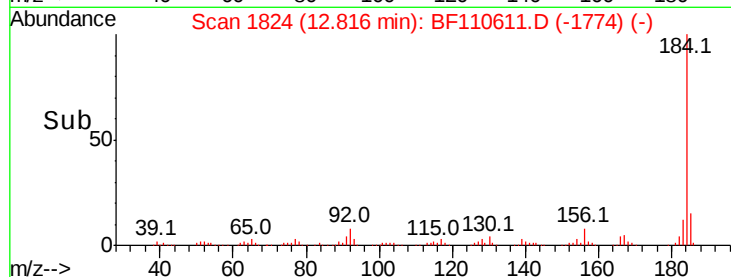
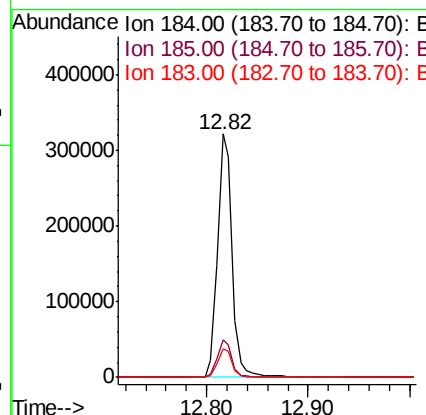
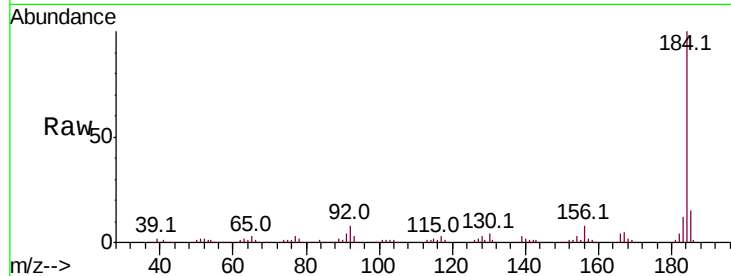
#77
Benzidine
Concen: 77.188 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Instrument :
BNA_F
ClientSampleId :
PB114627BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	15.3	13.4	20.2	
183	11.7	9.4	14.2	

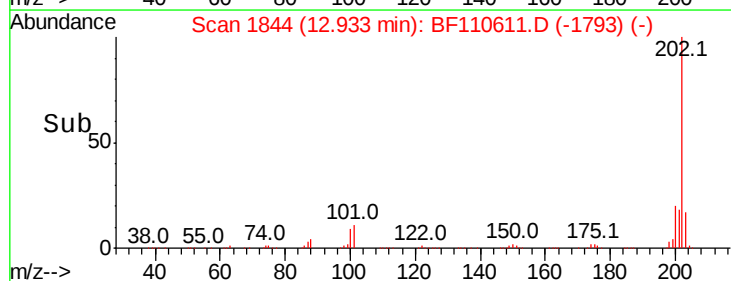
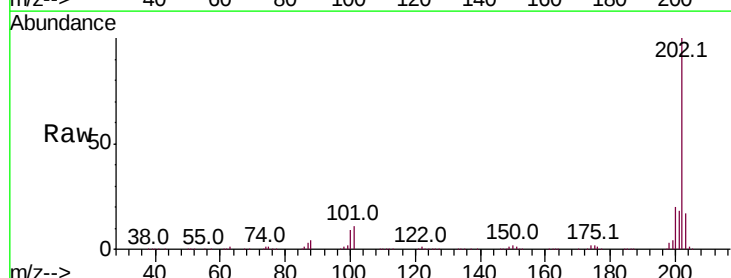
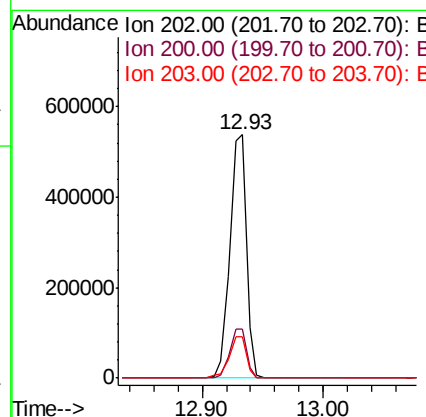
Manual Integrations
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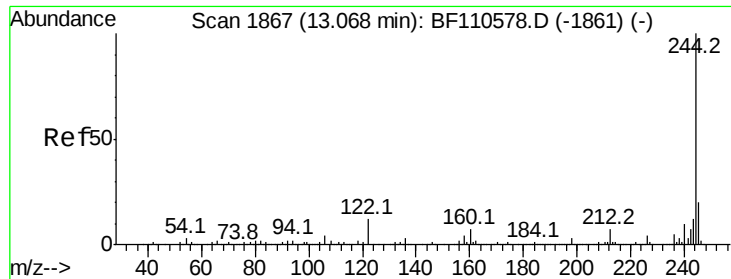
Sohil
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#78
Pyrene
Concen: 44.095 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	20.3	17.8	26.6	
203	17.1	14.2	21.4	





#79

Terphenyl-d14

Concen: 75.824 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110611.D

Acq: 9 Nov 2018 4:05

Instrument :

BNA_F

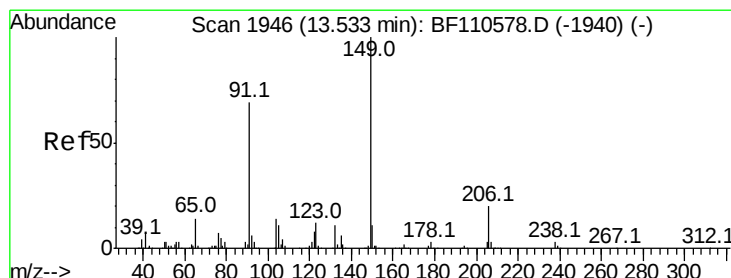
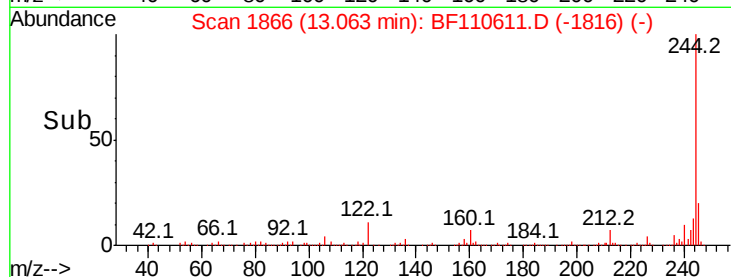
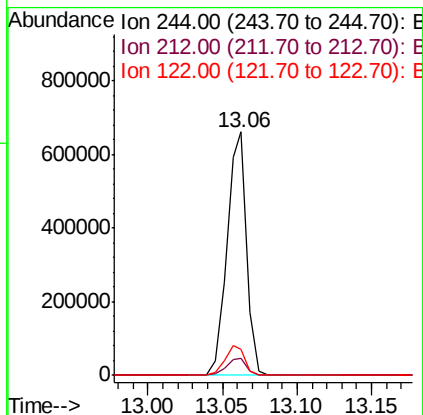
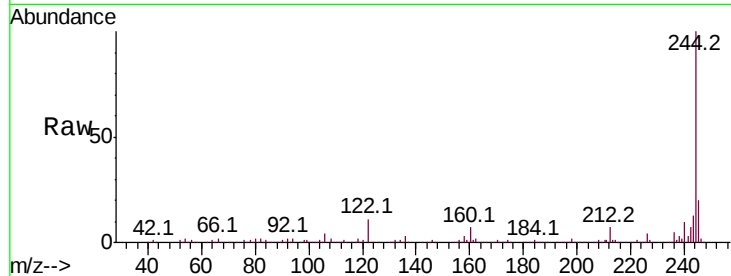
ClientSampleId :

PB114627BS

Tot Ion:	244	Resp:	612162
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.8	8.8
122	10.7	8.7	13.1

Manual Integrations
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#80

Butylbenzylphthalate

Concen: 48.051 ng

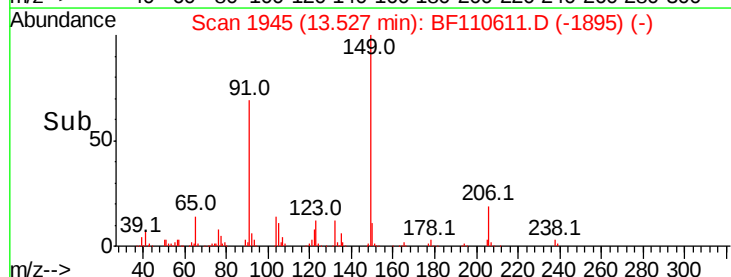
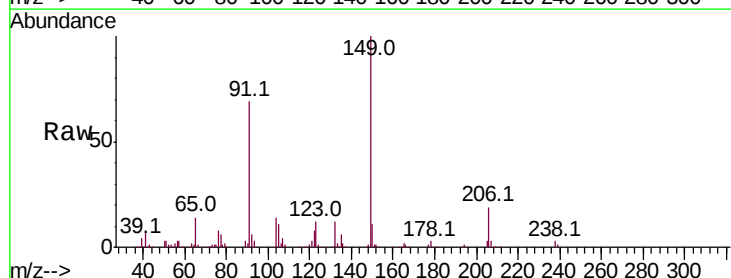
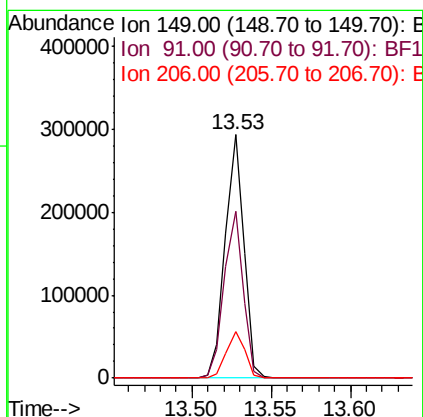
RT: 13.53 min Scan# 1945

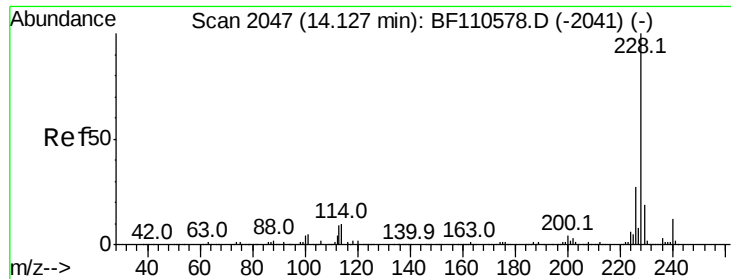
Delta R.T. -0.01 min

Lab File: BF110611.D

Acq: 9 Nov 2018 4:05

Tgt Ion:	149	Resp:	240769
Ion Ratio	Lower	Upper	
149	100		
91	68.8	57.2	85.8
206	19.0	15.7	23.5





#81

Benzo(a)anthracene

Concen: 51.686 ng

RT: 14.12 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BF110611.D

Acq: 9 Nov 2018 4:05

Instrument :

BNA_F

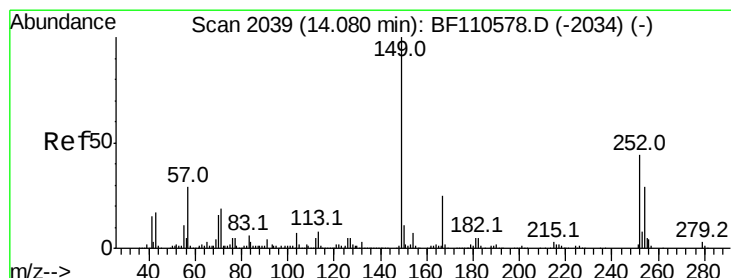
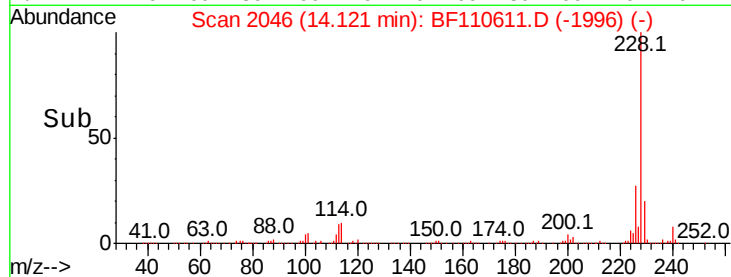
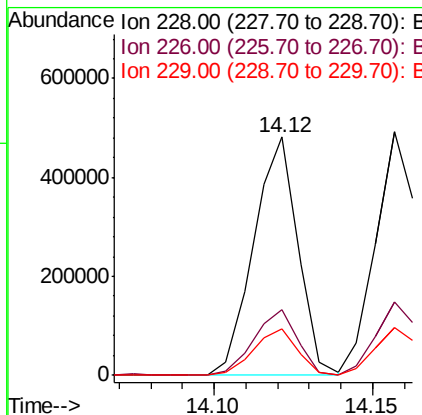
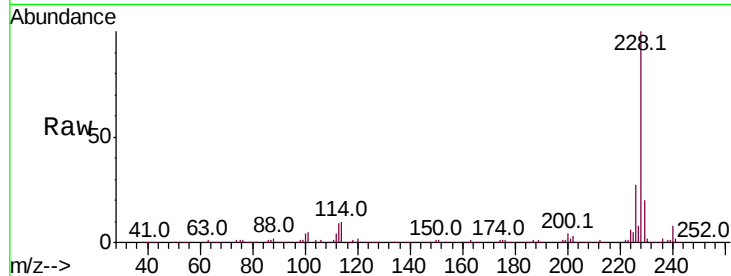
ClientSampleId :

PB114627BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.1	33.1
229	19.5	15.6	23.4

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 43.142 ng

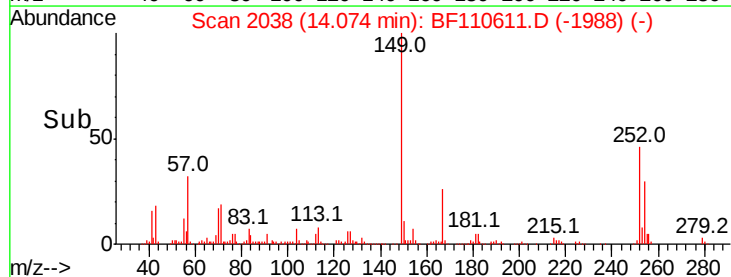
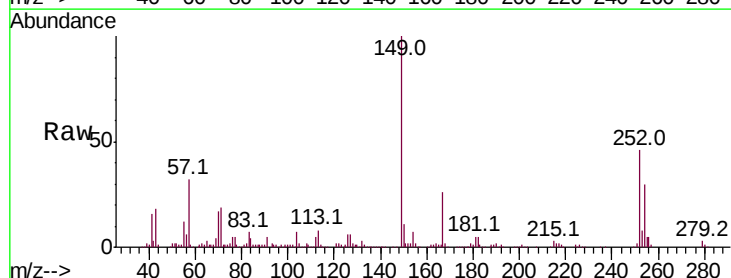
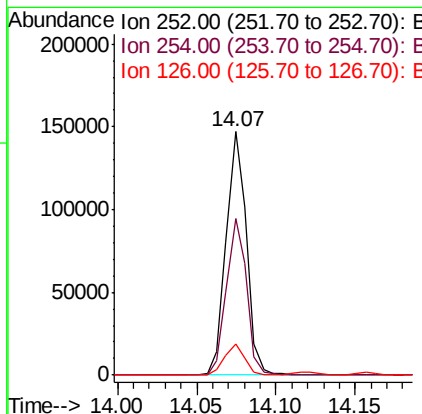
RT: 14.07 min Scan# 2038

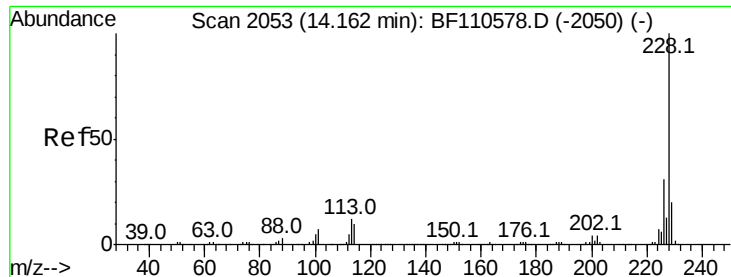
Delta R.T. -0.01 min

Lab File: BF110611.D

Acq: 9 Nov 2018 4:05

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.3	76.9
126	12.7	9.4	14.2





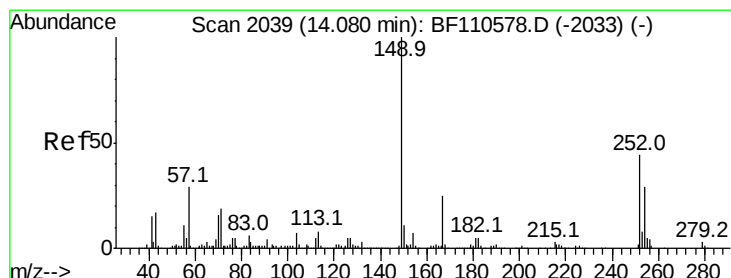
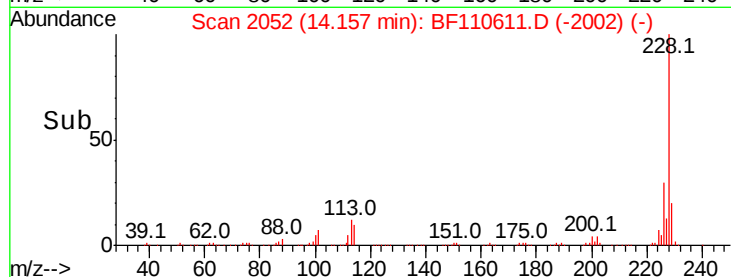
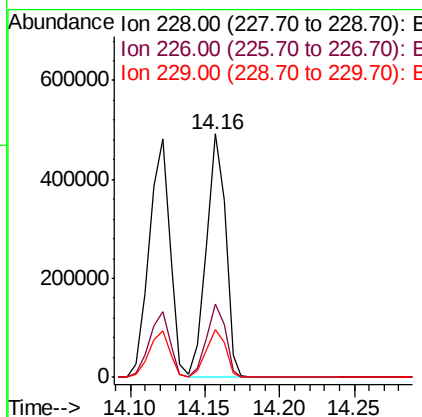
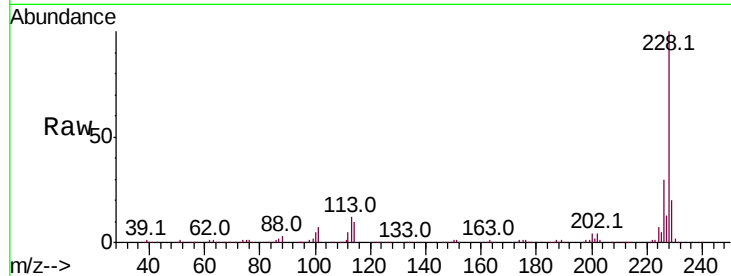
#83
Chrysene
Concen: 50.536 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Instrument :
BNA_F
ClientSampleId :
PB114627BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.7	37.1
229	19.8	15.9	23.9

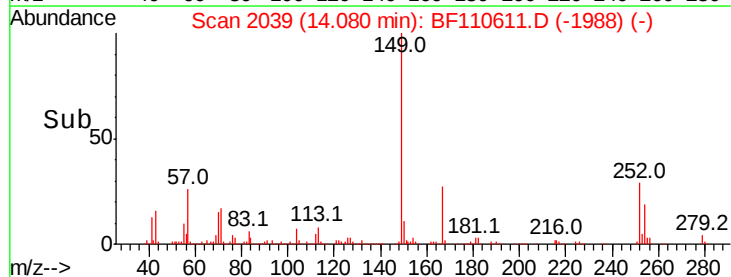
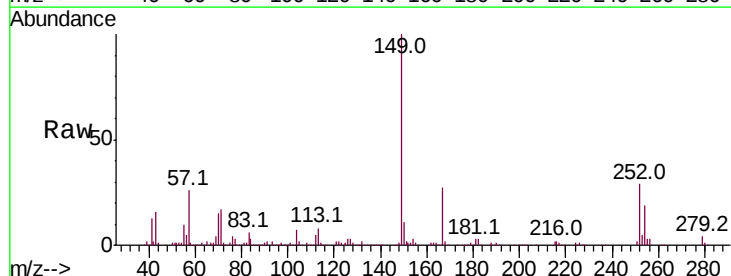
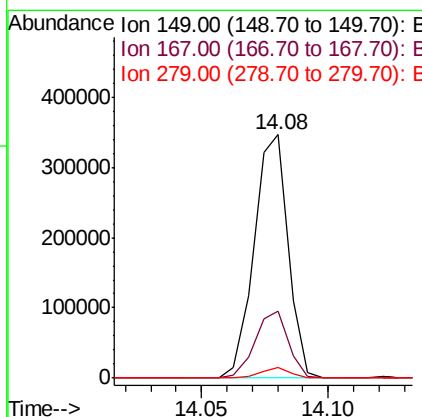
Manual Integrations
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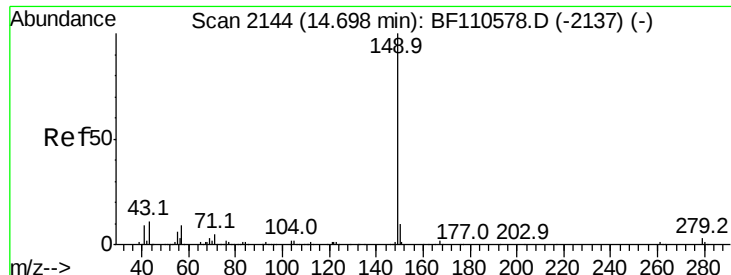
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 52.141 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.4	19.8	29.8
279	4.2	2.7	4.1#





#85

Di-n-octyl phthalate

Concen: 61.658 ng

RT: 14.70 min Scan# 2144

Delta R.T. 0.00 min

Lab File: BF110611.D

Acq: 9 Nov 2018 4:05

Instrument :

BNA_F

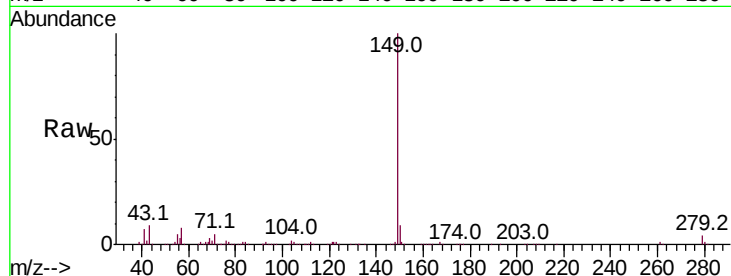
ClientSampleId :

PB114627BS

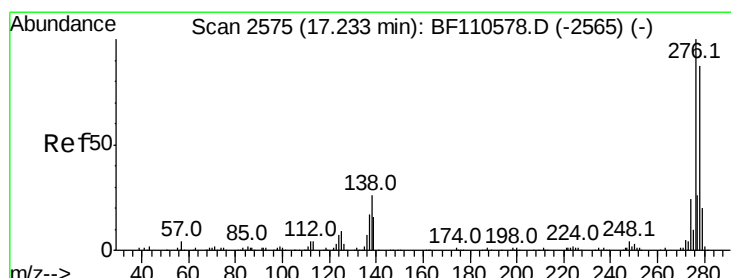
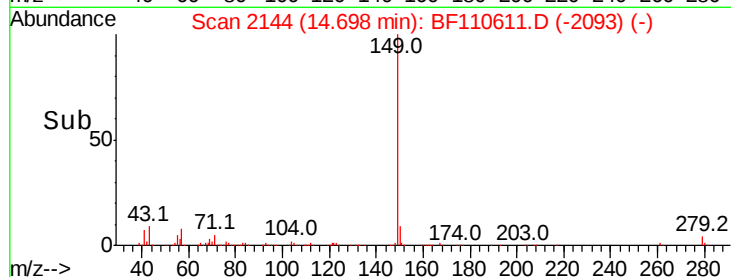
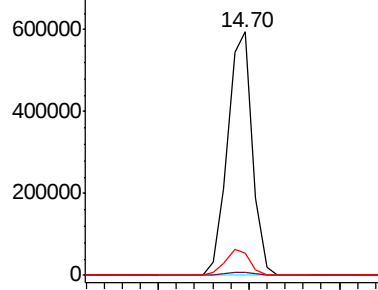
Tot Ion:	149	Resp:	563595
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.1	1.7
43	10.3	7.8	11.8

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Abundance Ion 149.00 (148.70 to 149.70): E
800000
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 50.298 ng

RT: 17.23 min Scan# 2574

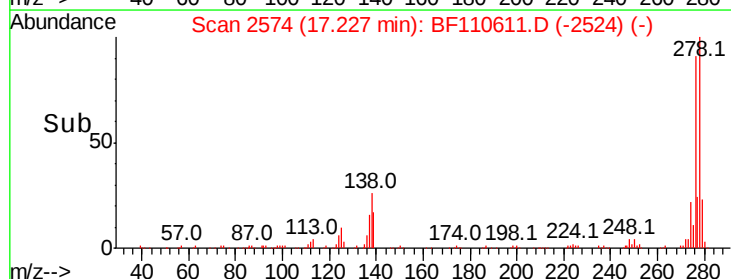
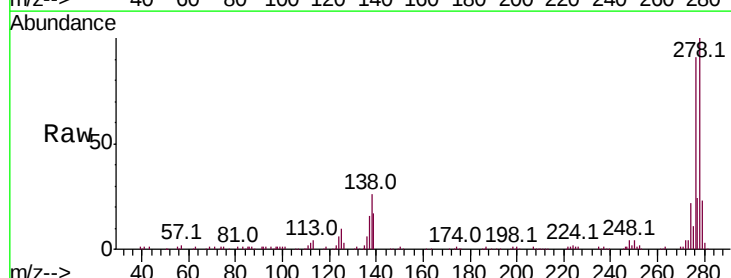
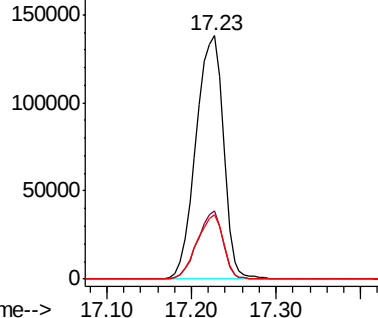
Delta R.T. -0.01 min

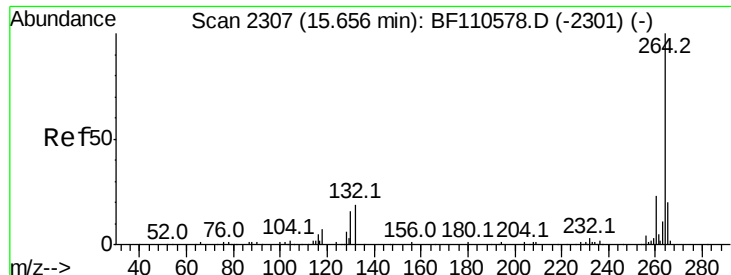
Lab File: BF110611.D

Acq: 9 Nov 2018 4:05

Tgt Ion:	276	Resp:	310757
Ion Ratio	Lower	Upper	
276	100		
138	25.9	18.5	27.7
277	25.6	20.0	30.0

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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.65 min Scan# 2306

Delta R.T. -0.01 min

Lab File: BF110611.D

Acq: 9 Nov 2018 4:05

Instrument :

BNA_F

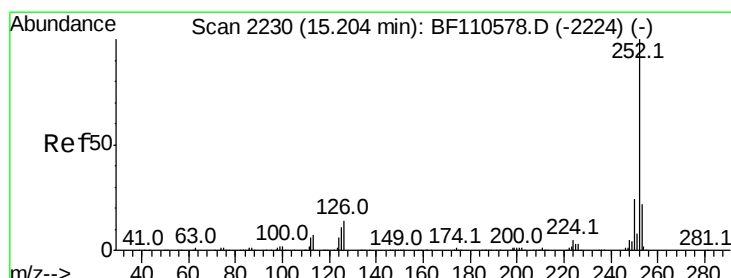
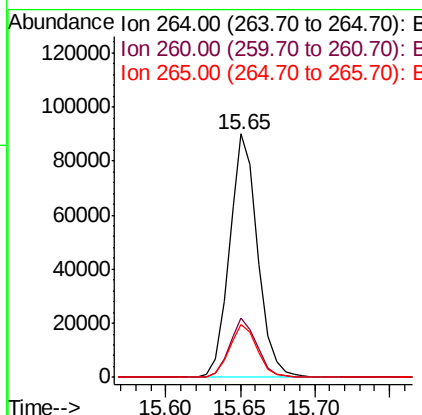
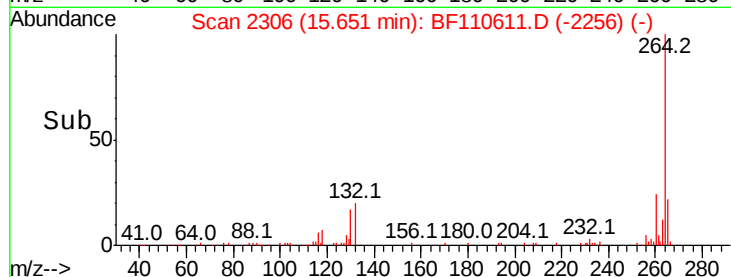
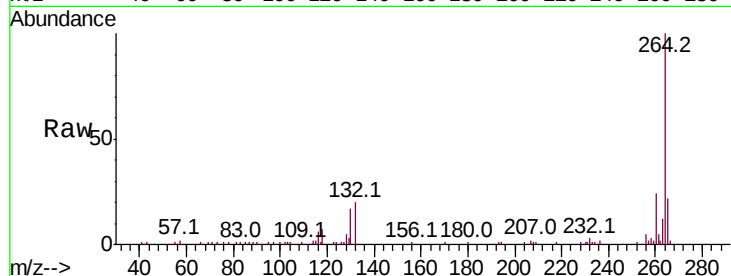
ClientSampleId :

PB114627BS

Tot Ion:	264	Resp:	118319
Ion Ratio	Lower	Upper	
264	100		
260	24.4	18.7	28.1
265	21.9	16.7	25.1

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 55.242 ng

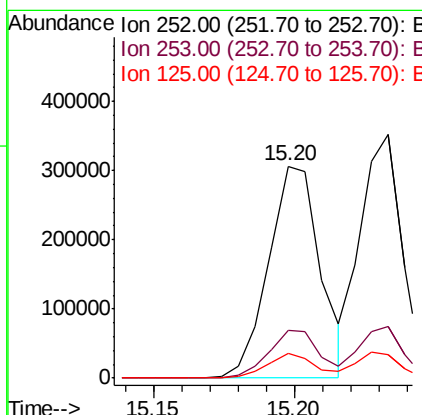
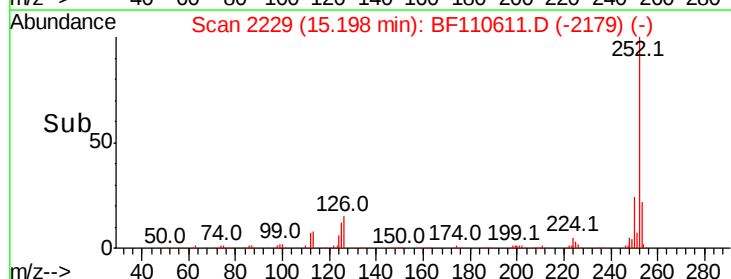
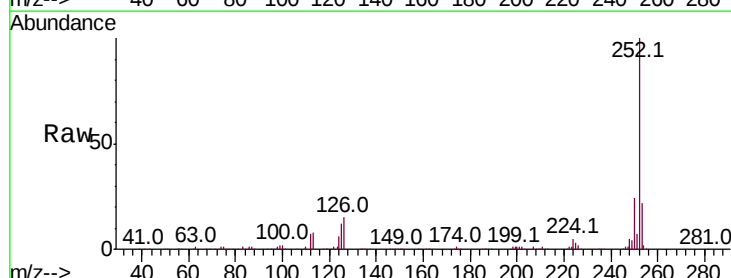
RT: 15.20 min Scan# 2229

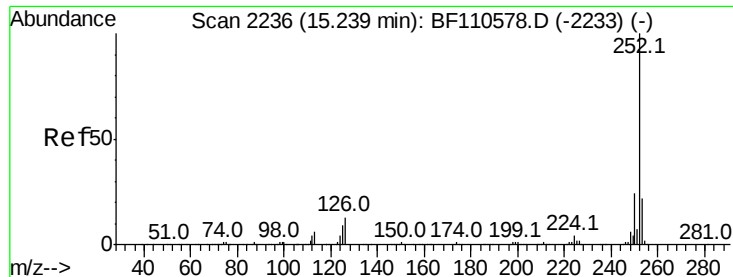
Delta R.T. -0.01 min

Lab File: BF110611.D

Acq: 9 Nov 2018 4:05

Tgt Ion:	252	Resp:	391019
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.2	25.8
125	11.7	8.2	12.4





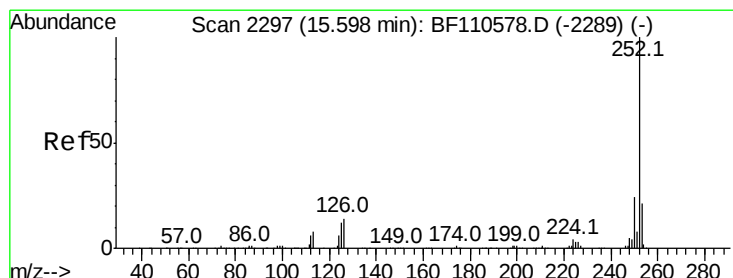
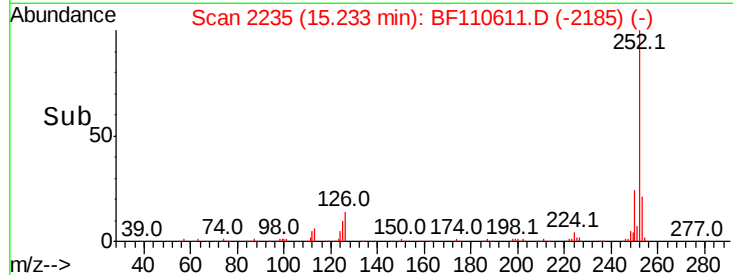
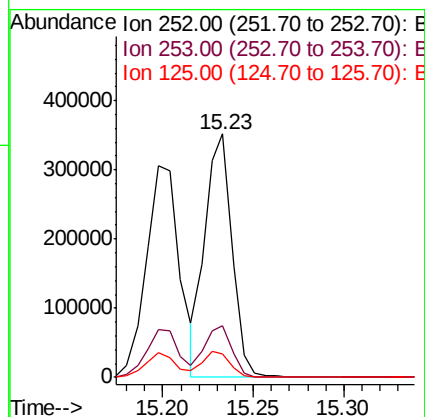
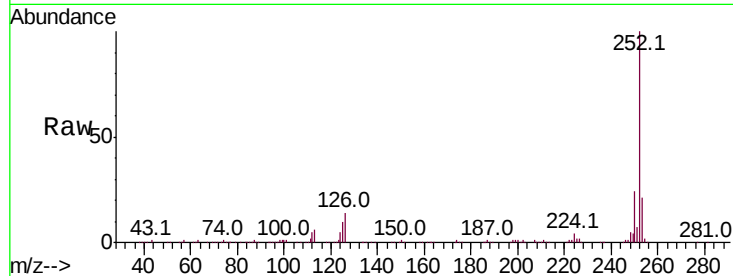
#89
Benzo(k)fluoranthene
Concen: 51.924 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Instrument :
BNA_F
ClientSampleId :
PB114627BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.2	25.8
125	9.5	7.4	11.0

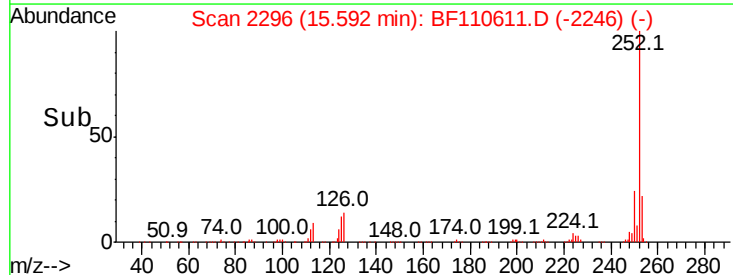
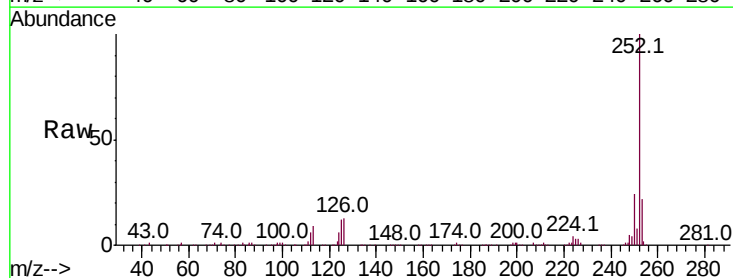
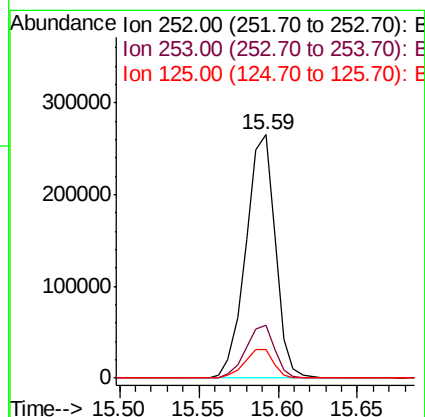
Manual Integrations
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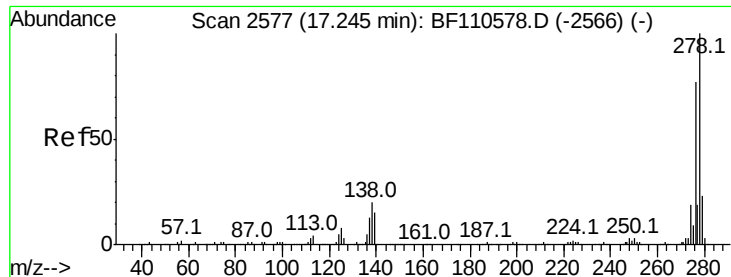
Sohil
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#90
Benzo(a)pyrene
Concen: 53.337 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.4
125	11.6	9.0	13.6





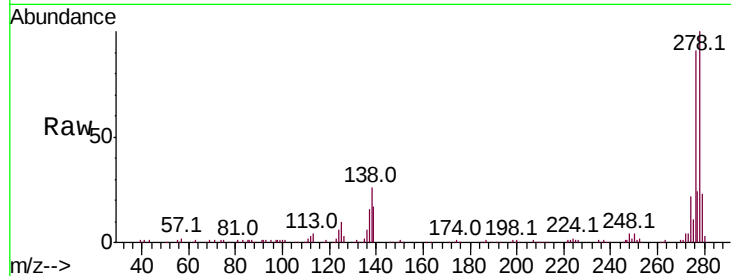
#91
Dibenzo(a,h)anthracene
Concen: 48.199 ng
RT: 17.23 min Scan# 2574
Delta R.T. -0.02 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Instrument :
BNA_F
ClientSampleId :
PB114627BS

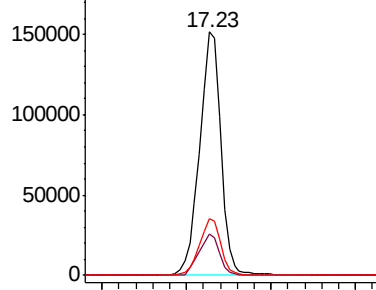
Tot Ion:278	Resp:	262313
Ion Ratio	Lower	Upper
278	100	
139	17.1	12.7 19.1
279	23.3	19.0 28.4

Manual Integrations
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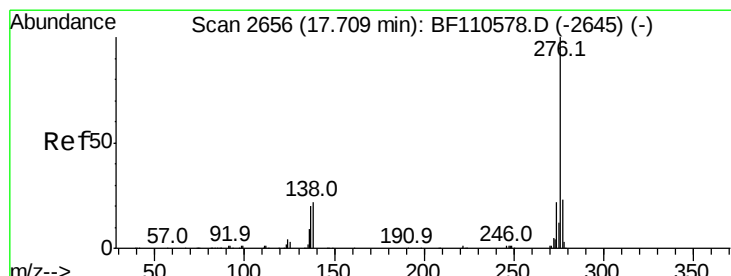
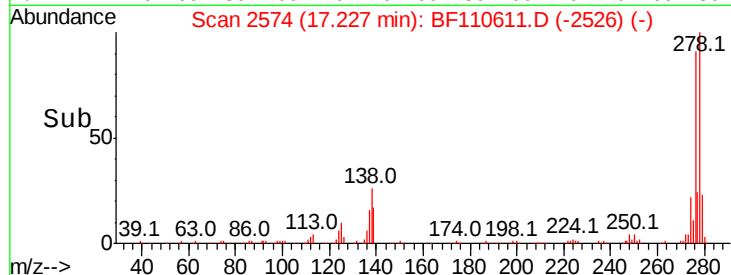
Sohil
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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

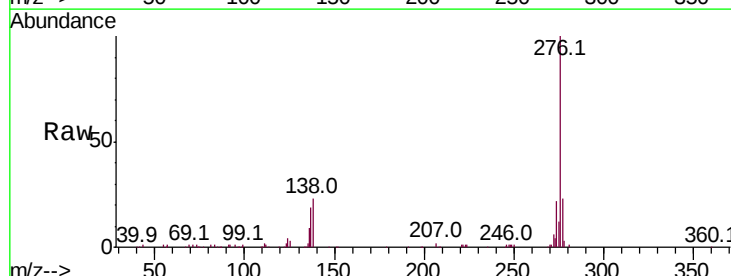


Time-->

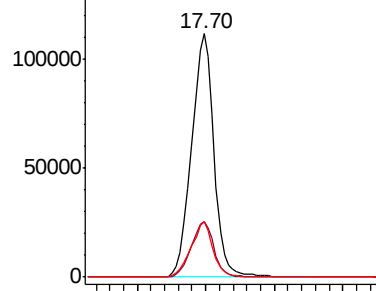


#92
Benzo(g,h,i)perylene
Concen: 46.837 ng
RT: 17.70 min Scan# 2654
Delta R.T. -0.01 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Tgt Ion:276	Resp:	252909
Ion Ratio	Lower	Upper
276	100	
277	22.9	18.8 28.2
138	22.5	16.0 24.0



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



Time-->

