

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110818\
 Data File : BF110612.D
 Acq On : 9 Nov 2018 4:32
 Operator : JU/SJ
 Sample : PB114627BSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB114627BSD

Manual Integrations
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Sohil
 11/9/2018 4:26:25 PM

Quant Time: Nov 09 13:49:38 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	71215	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	288131	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	123256	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	192163	20.00	ng	0.00
76) Chrysene-d12	14.13	240	149539	20.00	ng	-0.01
87) Perylene-d12	15.65	264	117009	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	376920	85.97	ng	0.00
7) Phenol-d6	6.57	99	464587	82.87	ng	0.00
23) Nitrobenzene-d5	7.51	82	422618	84.47	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	92626	74.58	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	790617	91.61	ng	0.00
79) Terphenyl-d14	13.06	244	506790	63.47	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.85	88	60315	27.610	ng	89
3) Pyridine	3.62	79	175169	37.149	ng	# 85
4) n-Nitrosodimethylamine	3.58	42	90732	44.846	ng	90
6) Aniline	6.61	93	109394	14.962	ng	# 53
8) 2-Chlorophenol	6.73	128	205084	39.902	ng	96
9) Benzaldehyde	6.50	77	111631	36.144	ng	99
10) Phenol	6.59	94	245767	37.805	ng	# 63
11) bis(2-Chloroethyl)ether	6.67	93	184190	37.806	ng	93
12) 1,3-Dichlorobenzene	6.89	146	211506	37.611	ng	98
13) 1,4-Dichlorobenzene	6.96	146	213427	37.374	ng	98
14) 1,2-Dichlorobenzene	7.12	146	201794	37.986	ng	99
15) Benzyl Alcohol	7.09	79	172961	39.422	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.21	45	298634	39.032	ng	71
17) 2-Methylphenol	7.19	107	163777	40.039	ng	# 81
18) Hexachloroethane	7.45	117	74626	35.398	ng	93
19) n-Nitroso-di-n-propylamine	7.35	70	137292	38.363	ng	96
20) 3+4-Methylphenols	7.35	107	208095	39.630	ng	# 88
22) Acetophenone	7.36	105	277760	41.364	ng	97
24) Nitrobenzene	7.53	77	207346	40.449	ng	98
25) Isophorone	7.76	82	368778	44.972	ng	96
26) 2-Nitrophenol	7.85	139	97180	38.001	ng	97
27) 2,4-Dimethylphenol	7.87	122	181242	46.537	ng	98
28) bis(2-Chloroethoxy)methane	7.97	93	234511	42.238	ng	98
29) 2,4-Dichlorophenol	8.08	162	160970	40.168	ng	97
30) 1,2,4-Trichlorobenzene	8.17	180	175701	38.887	ng	95
31) Naphthalene	8.25	128	570441	42.173	ng	99
32) Benzoic acid	7.97	122	36978	13.419	ng	93
33) 4-Chloroaniline	8.30	127	59085	9.644	ng	96
34) Hexachlorobutadiene	8.36	225	97584	37.812	ng	98
35) Caprolactam	8.66	113	47957m	35.819	ng	
36) 4-Chloro-3-methylphenol	8.78	107	170452	39.439	ng	95
37) 2-Methylnaphthalene	8.94	142	387553	43.707	ng	99
38) 1-Methylnaphthalene	9.04	142	359979	42.214	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	161239	41.327	ng	99

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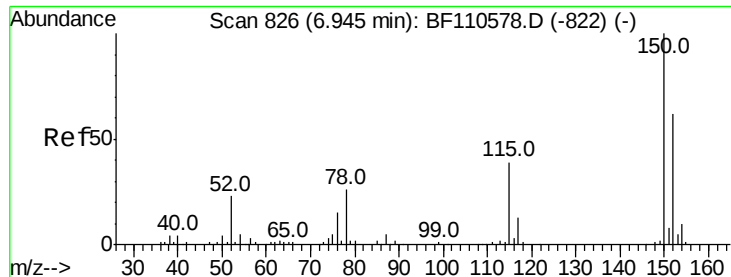
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.09	237	45132	34.470	ng	97
43) 2,4,6-Trichlorophenol	9.22	196	100381	40.943	ng	91
44) 2,4,5-Trichlorophenol	9.26	196	109129	41.728	ng	95
46) 1,1'-Biphenyl	9.40	154	463909	40.347	ng	99
47) 2-Chloronaphthalene	9.43	162	341314	41.204	ng	99
48) 2-Nitroaniline	9.53	65	107972	42.298	ng	90
49) Acenaphthylene	9.85	152	519817	43.574	ng	99
50) Dimethylphthalate	9.70	163	404576	43.990	ng	98
51) 2,6-Dinitrotoluene	9.77	165	83756	41.399	ng	99
52) Acenaphthene	10.02	154	310973	41.248	ng	98
53) 3-Nitroaniline	9.94	138	48051	20.500	ng	93
54) 2,4-Dinitrophenol	10.06	184	12478	19.274	ng	95
55) Dibenzofuran	10.19	168	447293	40.552	ng	97
56) 4-Nitrophenol	10.11	139	156998	100.961	ng	92
57) 2,4-Dinitrotoluene	10.18	165	104647	39.781	ng	89
58) Fluorene	10.54	166	344579	40.671	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.31	232	79214	38.503	ng	94
60) Diethylphthalate	10.40	149	377952	41.539	ng	98
61) 4-Chlorophenyl-phenylether	10.52	204	169005	38.527	ng	98
62) 4-Nitroaniline	10.56	138	71327	30.219	ng	94
63) Azobenzene	10.69	77	353353	39.805	ng	97
65) 4,6-Dinitro-2-methylphenol	10.59	198	12357	12.759	ng	97
66) n-Nitrosodiphenylamine	10.65	169	302905	46.765	ng	97
67) 4-Bromophenyl-phenylether	11.02	248	93992	44.257	ng	96
68) Hexachlorobenzene	11.09	284	92487	41.305	ng	94
69) Atrazine	11.17	200	94194	47.561	ng	98
70) Pentachlorophenol	11.29	266	73482	61.503	ng	98
71) Phenanthrene	11.50	178	444179	43.145	ng	99
72) Anthracene	11.56	178	458404	44.140	ng	98
73) Carbazole	11.71	167	394322	39.536	ng	100
74) Di-n-butylphthalate	12.02	149	529086	45.237	ng	98
75) Fluoranthene	12.70	202	415265	40.233	ng	99
77) Benzidine	12.82	184	254291	61.836	ng	97
78) Pyrene	12.93	202	428131	37.183	ng	97
80) Butylbenzylphthalate	13.53	149	194154	39.177	ng	97
81) Benzo(a)anthracene	14.12	228	384242	42.989	ng	99
82) 3,3'-Dichlorobenzidine	14.07	252	108950	36.387	ng	100
83) Chrysene	14.16	228	361175	42.415	ng	99
84) Bis(2-ethylhexyl)phthalate	14.07	149	264040	42.949	ng	96
85) Di-n-octyl phthalate	14.69	149	471122	52.112	ng	99
86) Indeno(1,2,3-cd)pyrene	17.22	276	260405	42.616	ng	98
88) Benzo(b)fluoranthene	15.20	252	342378	48.912	ng	99
89) Benzo(k)fluoranthene	15.23	252	293831m	42.481	ng	
90) Benzo(a)pyrene	15.59	252	287608	45.222	ng	98
91) Dibenzo(a,h)anthracene	17.23	278	222439	41.330	ng	98
92) Benzo(g,h,i)perylene	17.69	276	206478	38.666	ng	98

(#) = 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: BF110612.D

Acq: 9 Nov 2018 4:32

Instrument :

BNA_F

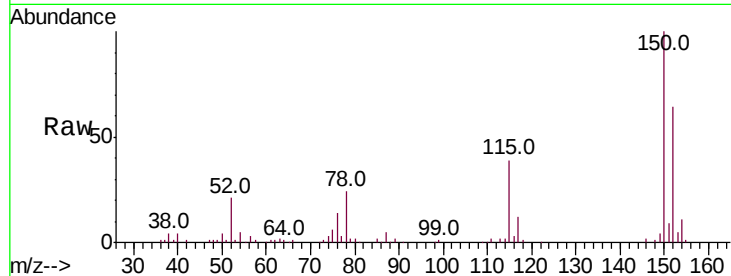
ClientSampleId :

PB114627BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	122.7	184.1
115	60.5	49.1	73.7

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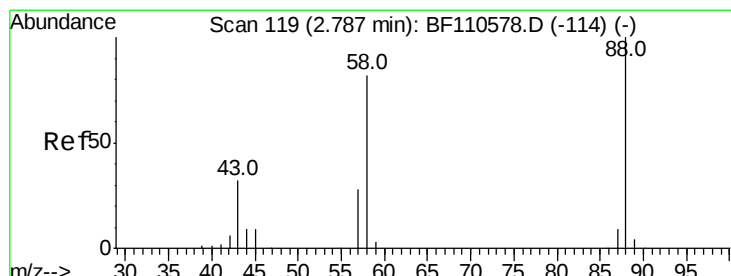
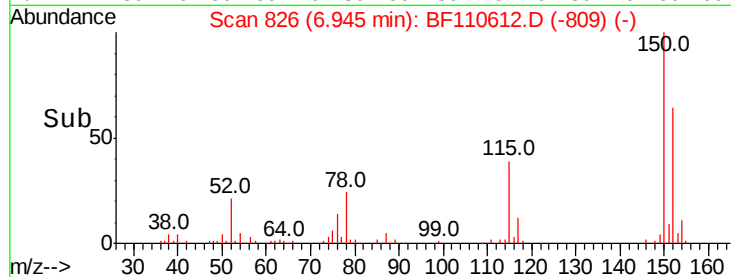
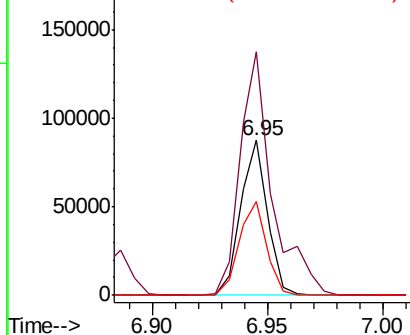


Abundance

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: 27.610 ng

RT: 2.85 min Scan# 130

Delta R.T. 0.06 min

Lab File: BF110612.D

Acq: 9 Nov 2018 4:32

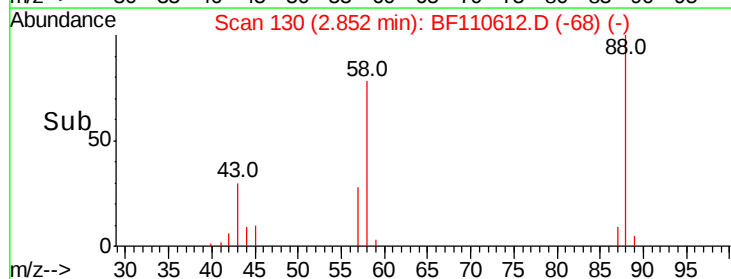
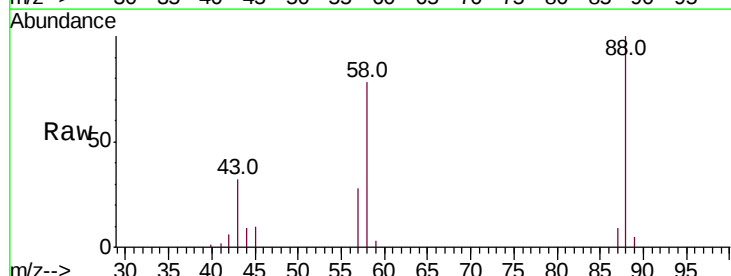
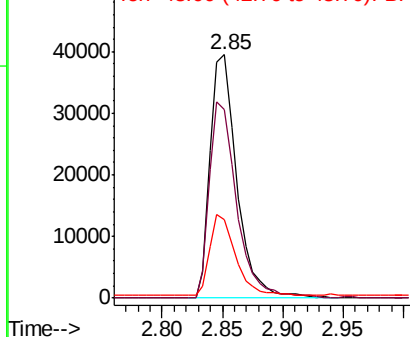
Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.7	57.1	85.7
43	32.2	24.1	36.1

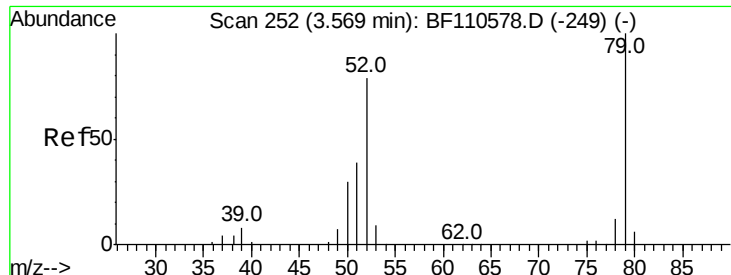
Abundance

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





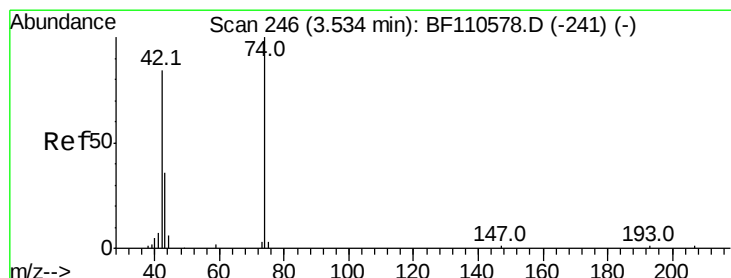
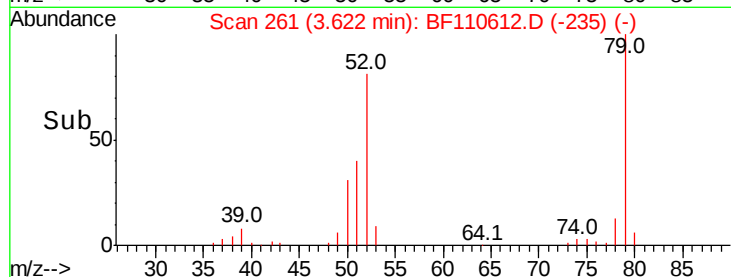
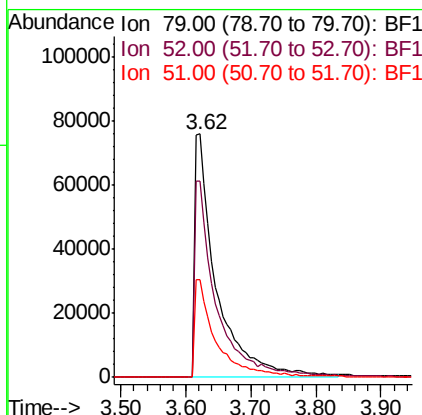
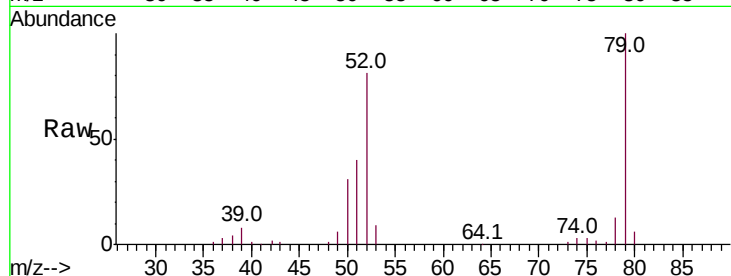
#3
 Pvridine
 Concen: 37.149 ng
 RT: 3.62 min Scan# 261
 Delta R.T. 0.05 min
 Lab File: BF110612.D
 Acq: 9 Nov 2018 4:32

Instrument :
 BNA_F
 ClientSampleId :
 PB114627BSD

Tot Ion: 79 Resp: 175169
 Ion Ratio Lower Upper
 79 100
 52 80.7 53.1 79.7#
 51 40.1 27.4 41.2

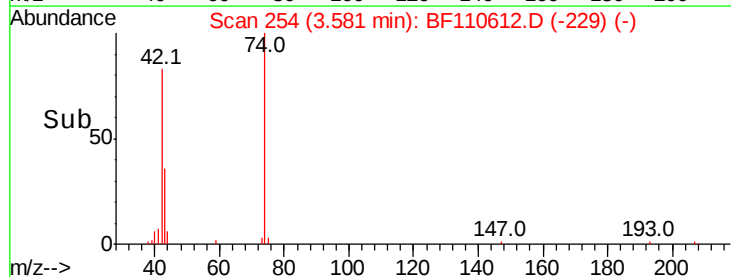
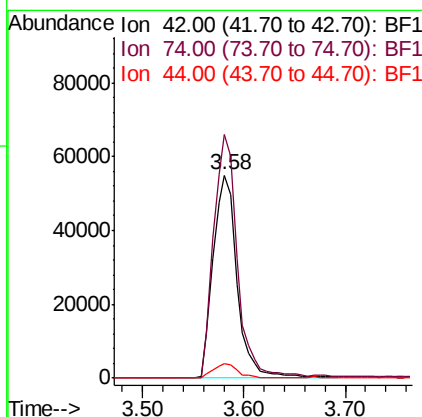
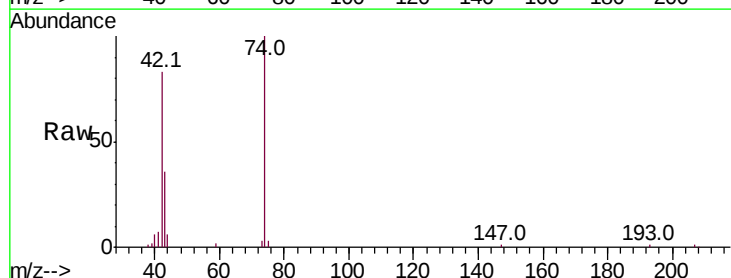
Manual Integrations
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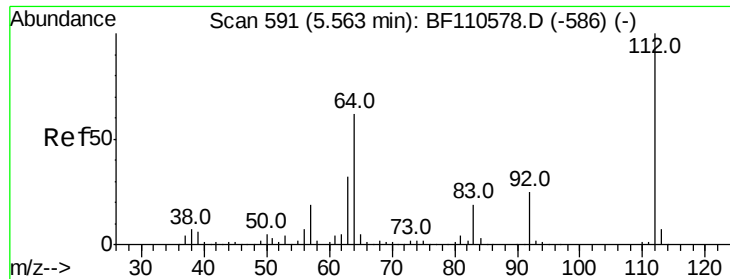
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#4
 n-Nitrosodimethylamine
 Concen: 44.846 ng
 RT: 3.58 min Scan# 254
 Delta R.T. 0.05 min
 Lab File: BF110612.D
 Acq: 9 Nov 2018 4:32

Tgt Ion: 42 Resp: 90732
 Ion Ratio Lower Upper
 42 100
 74 119.9 105.5 158.3
 44 7.2 4.9 7.3





#5

2-Fluorophenol

Concen: 85.970 ng

RT: 5.57 min Scan# 592

Delta R.T. 0.01 min

Lab File: BF110612.D

Acq: 9 Nov 2018 4:32

Instrument :

BNA_F

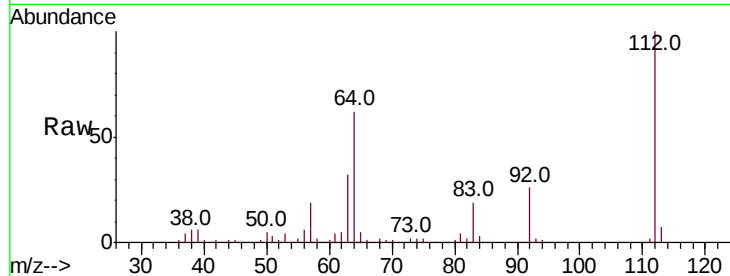
ClientSampleId :

PB114627BSD

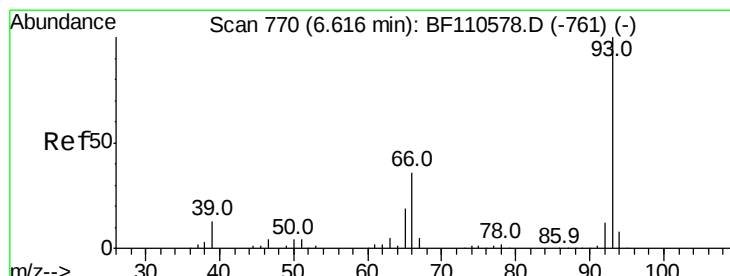
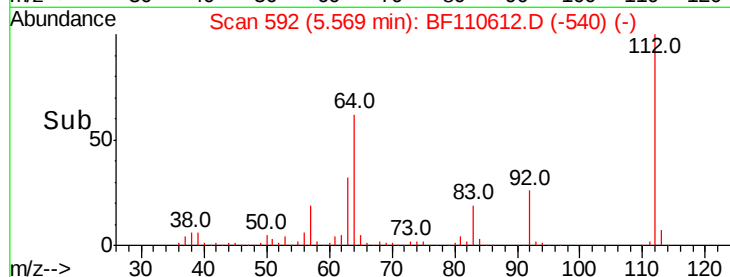
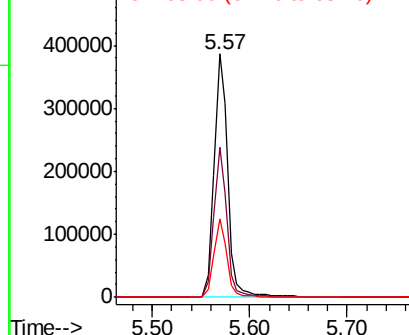
Tot Ion:	112	Resp:	376920
Ion Ratio	Lower	Upper	
112	100		
64	61.5	44.1	66.1
63	32.2	23.7	35.5

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



#6

Aniline

Concen: 14.962 ng

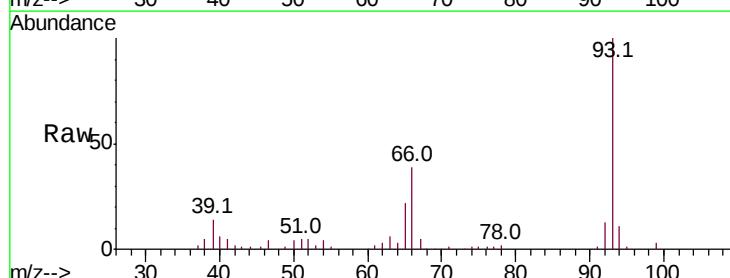
RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

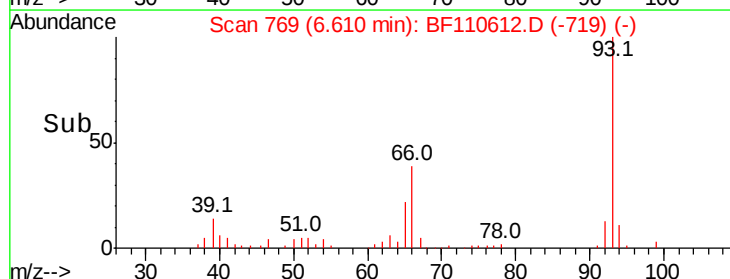
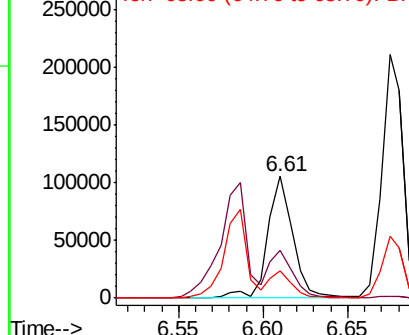
Lab File: BF110612.D

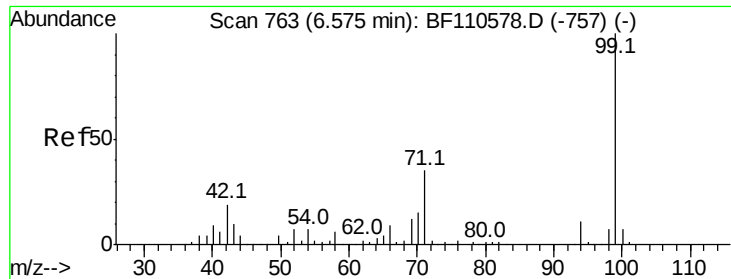
Acq: 9 Nov 2018 4:32

Tgt Ion:	93	Resp:	109394
Ion Ratio	Lower	Upper	
93	100		
66	39.4	67.4	101.0#
65	22.0	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: 82.866 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110612.D

Acq: 9 Nov 2018 4:32

Instrument :

BNA_F

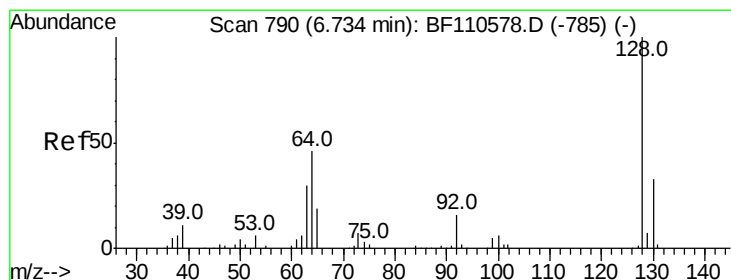
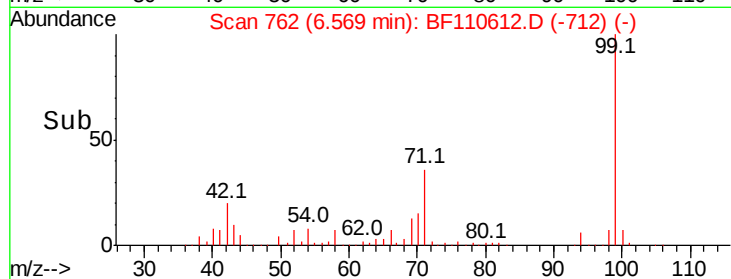
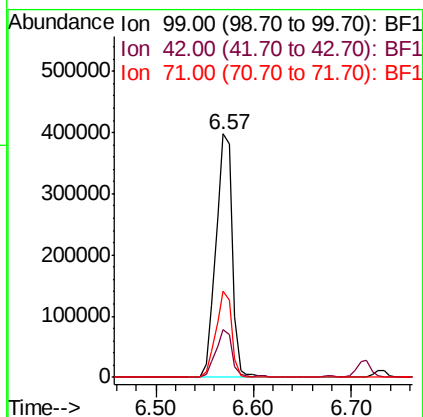
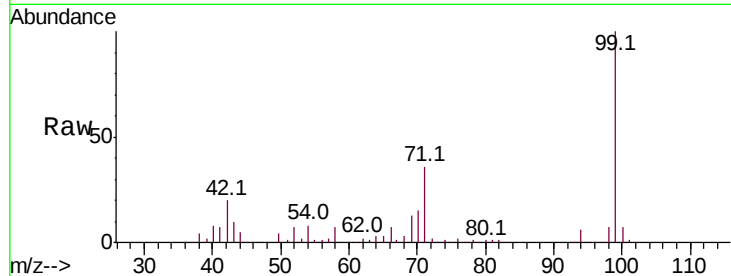
ClientSampleId :

PB114627BSD

Tot Ion:	99	Resp:	464587
Ion Ratio	Lower	Upper	
99	100		
42	19.8	15.8	23.6
71	35.6	28.0	42.0

Manual Integrations
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#8

2-Chlorophenol

Concen: 39.902 ng

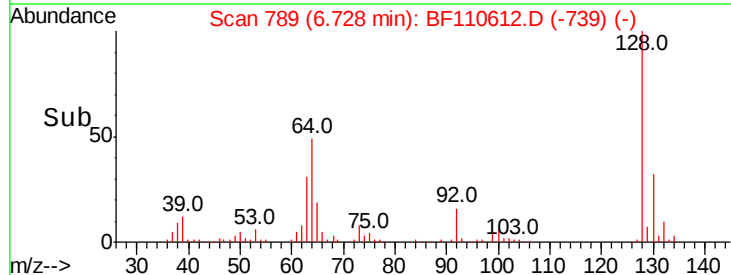
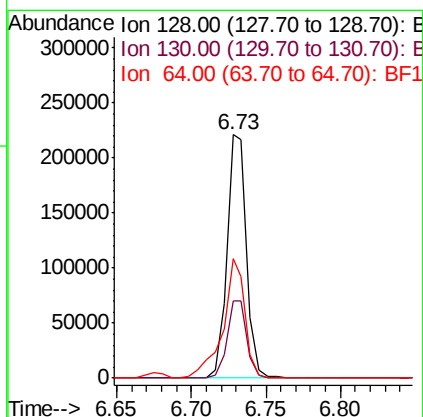
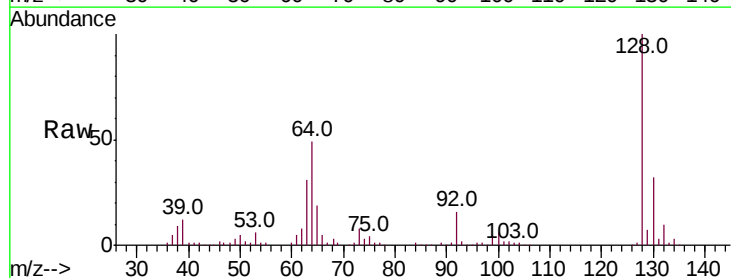
RT: 6.73 min Scan# 789

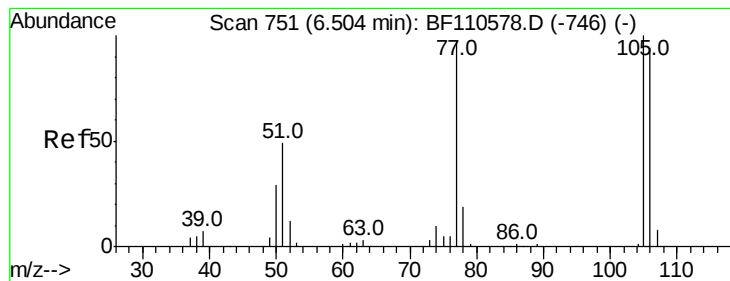
Delta R.T. -0.01 min

Lab File: BF110612.D

Acq: 9 Nov 2018 4:32

Tgt Ion:	128	Resp:	205084
Ion Ratio	Lower	Upper	
128	100		
130	31.8	13.1	53.1
64	49.1	26.0	66.0





#9

Benzaldehyde

Concen: 36.144 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF110612.D

Acq: 9 Nov 2018 4:32

Instrument :

BNA_F

ClientSampleId :

PB114627BSD

Tot Ion: 77 Resp: 111631

Ion Ratio Lower Upper

77 100

105 100.3 78.6 118.6

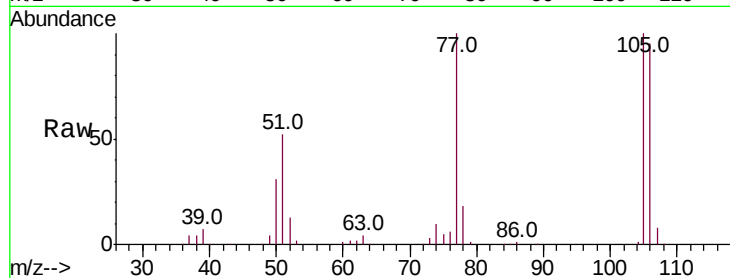
106 95.3 74.8 114.8

Manual Integrations

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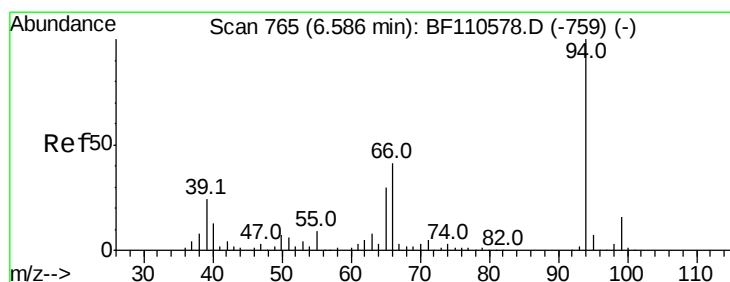
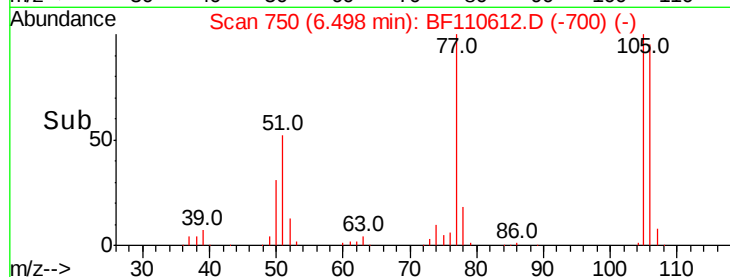
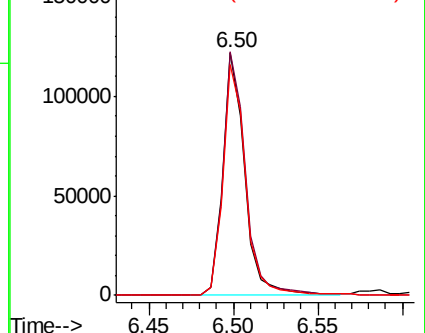
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.805 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF110612.D

Acq: 9 Nov 2018 4:32

Tgt Ion: 94 Resp: 245767

Ion Ratio Lower Upper

94 100

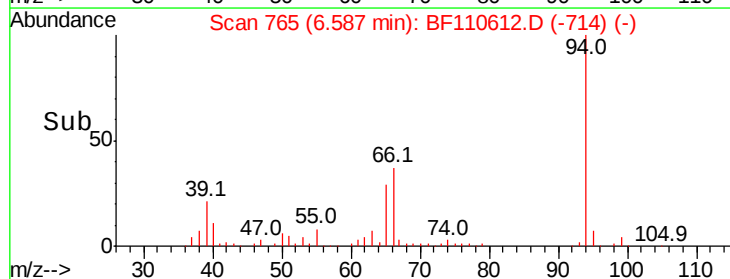
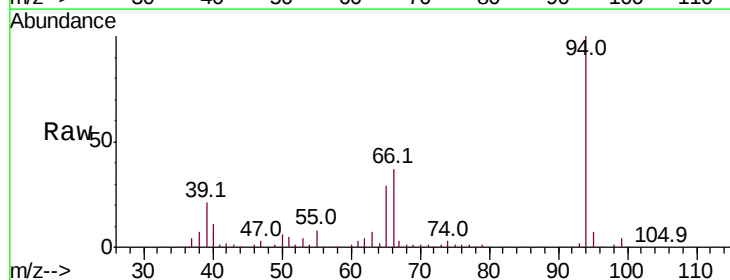
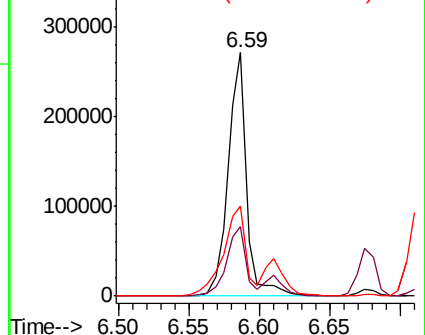
65 28.6 25.3 65.3

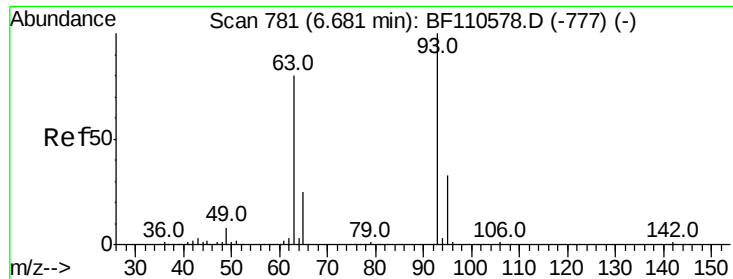
66 37.2 54.5 94.5#

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





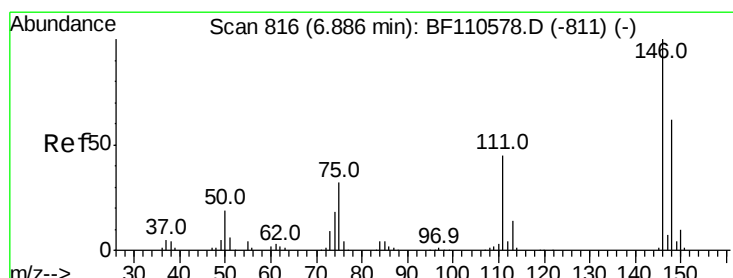
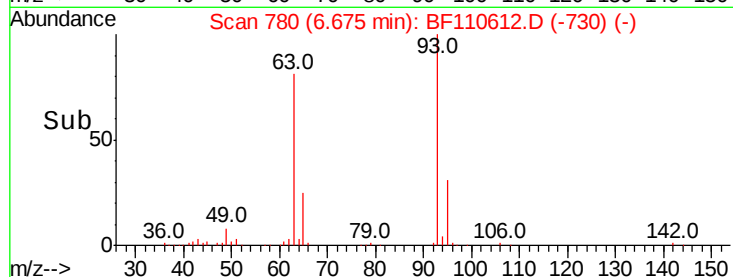
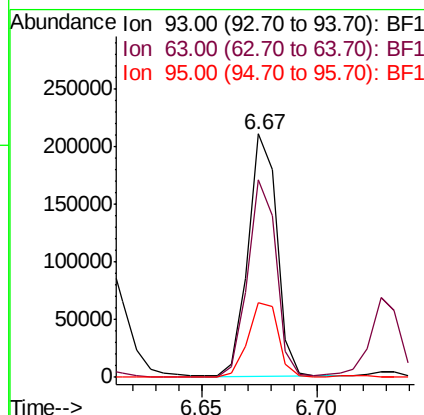
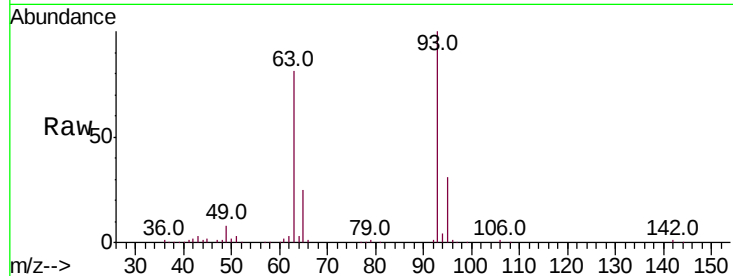
#11
bis(2-Chloroethyl)ether
Concen: 37.806 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Instrument :
BNA_F
ClientSampleId :
PB114627BSD

Tot Ion	93	Ratio	100	Resp	Lower	Upper
93	100					
63	81.4			53.4		93.4
95	30.8			12.1		52.1

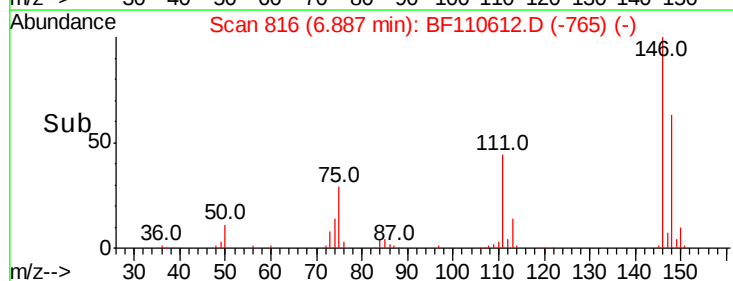
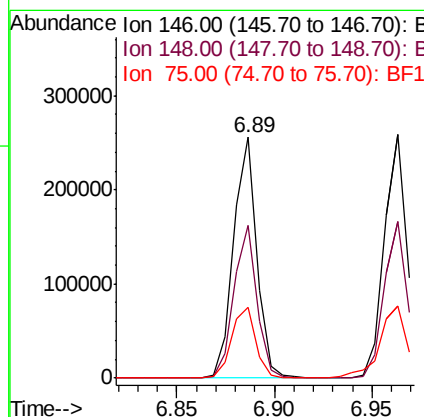
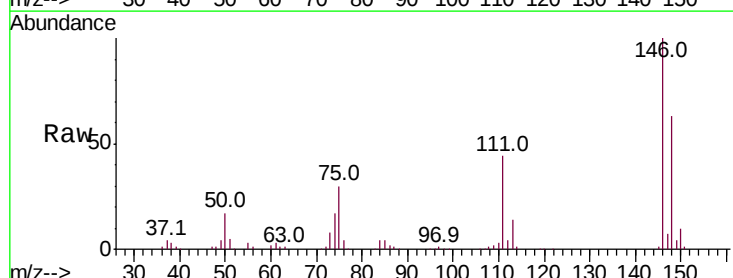
Manual Integrations
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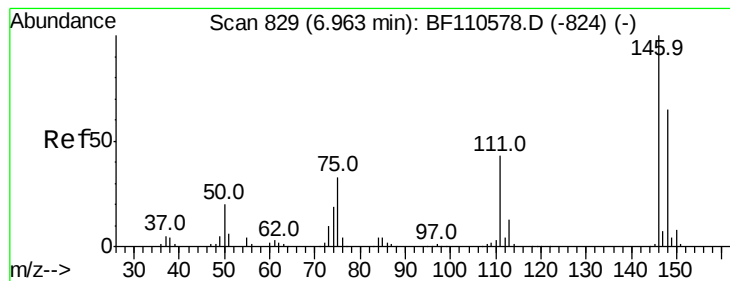
Sohil
11/9/2018 4:26:25 PM



#12
1,3-Dichlorobenzene
Concen: 37.611 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Tgt Ion	146	Ratio	100	Resp	Lower	Upper
146	100					
148	63.2			50.4		75.6
75	29.6			25.8		38.6





#13

1,4-Dichlorobenzene

Concen: 37.374 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF110612.D

Acq: 9 Nov 2018 4:32

Instrument :

BNA_F

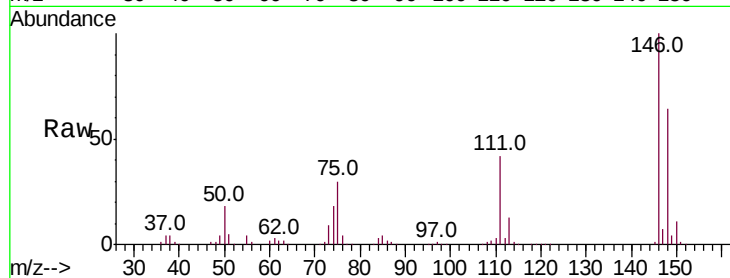
ClientSampleId :

PB114627BSD

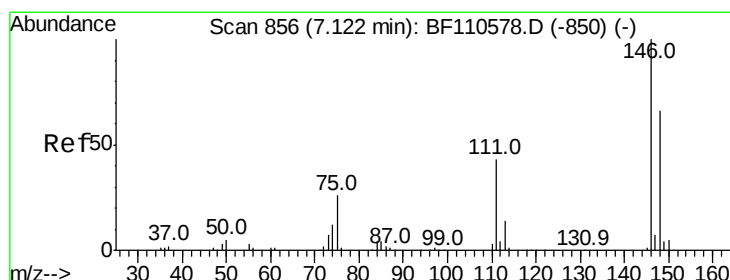
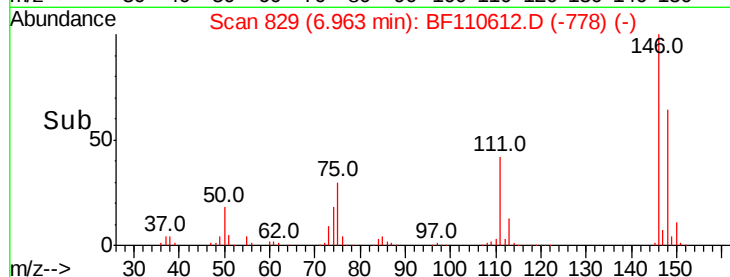
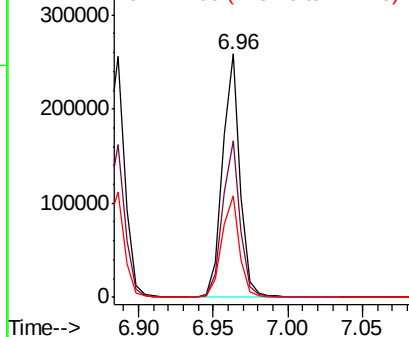
Tot Ion:	146	Resp:	213427
Ion Ratio	Lower	Upper	
146	100		
148	64.3	50.3	75.5
111	41.8	32.7	49.1

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



#14

1,2-Dichlorobenzene

Concen: 37.986 ng

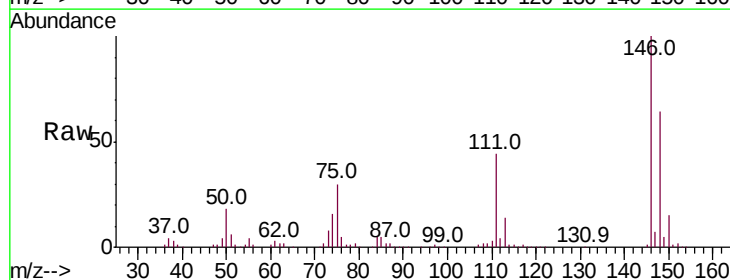
RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

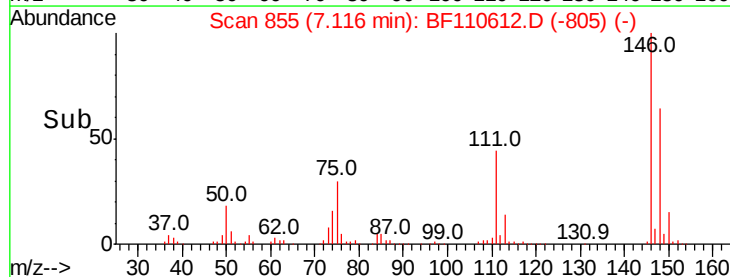
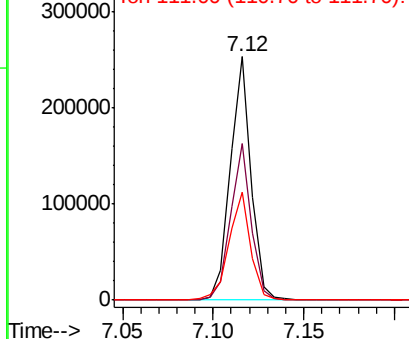
Lab File: BF110612.D

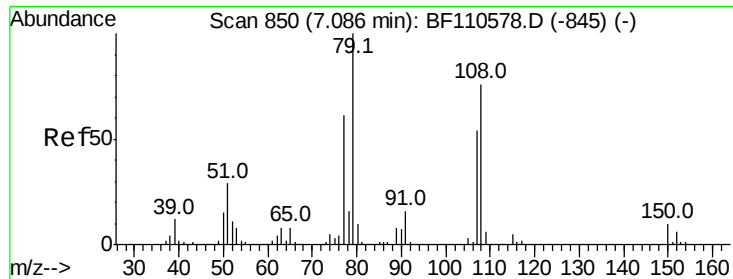
Acq: 9 Nov 2018 4:32

Tgt Ion:	146	Resp:	201794
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.1	76.7
111	44.1	35.8	53.6



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





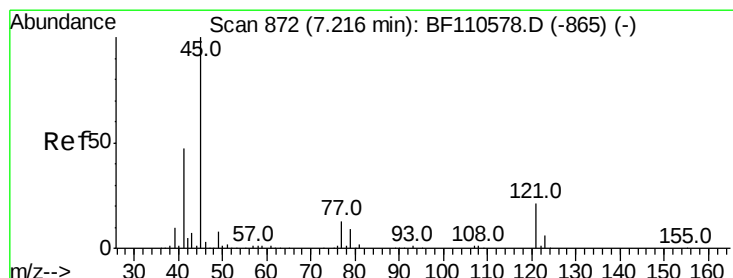
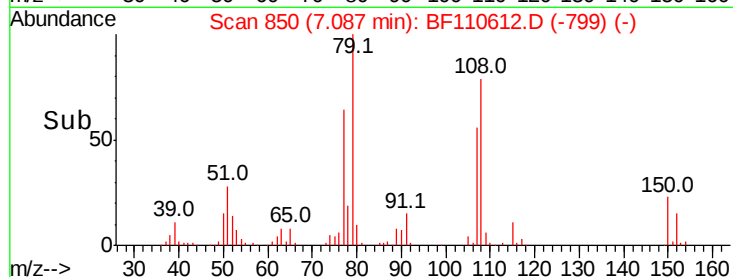
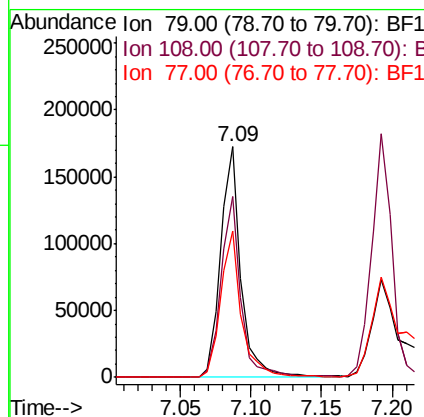
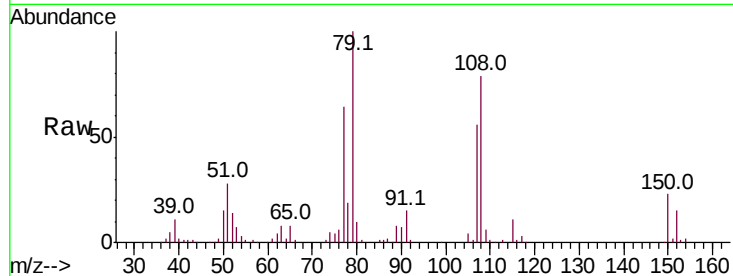
#15
Benzyl Alcohol
Concen: 39.422 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Instrument :
BNA_F
ClientSampleID :
PB114627BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.6	56.3	84.5
77	63.6	52.9	79.3

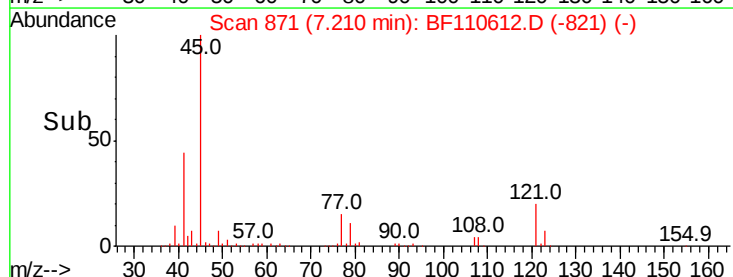
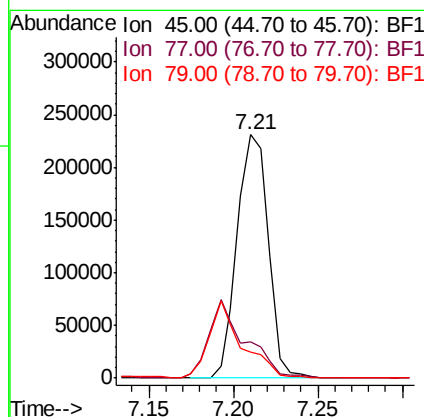
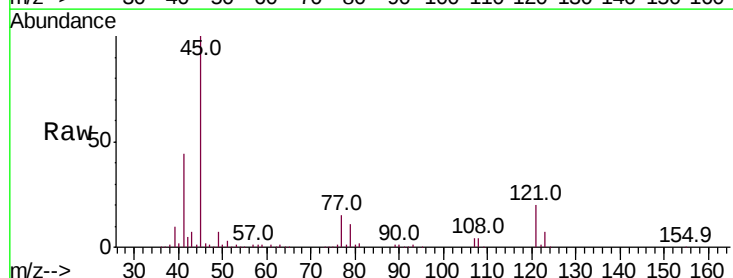
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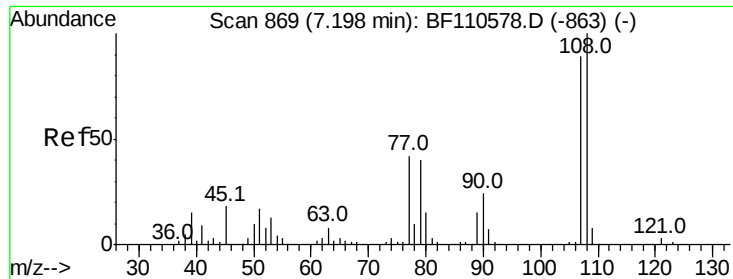
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#16
2,2'-oxybis(1-chloropropane)
Concen: 39.032 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.7	10.0	50.0
79	10.8	6.1	46.1





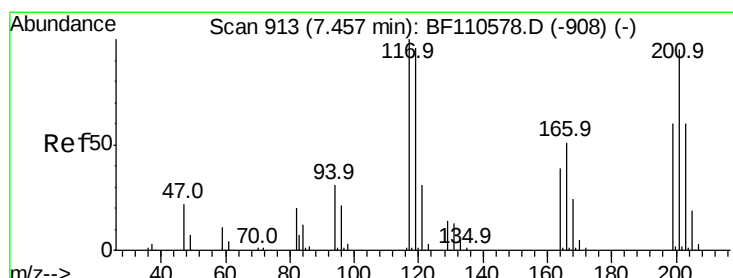
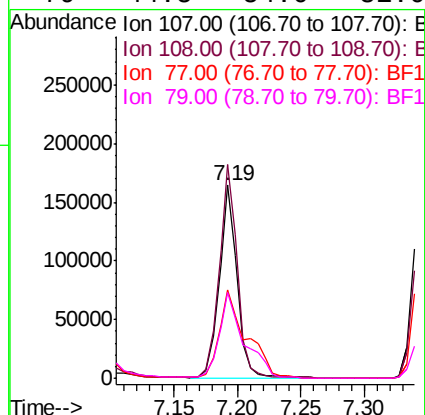
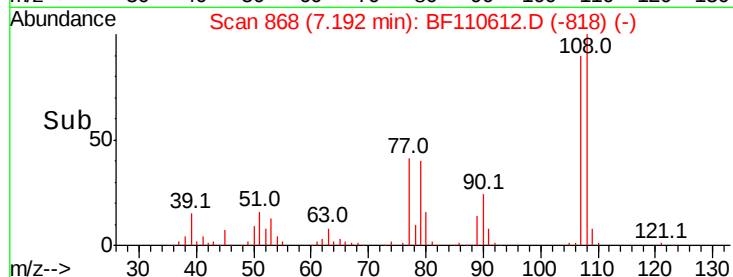
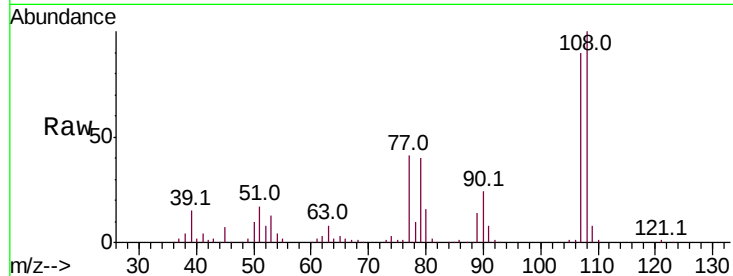
#17
2-Methylphenol
Concen: 40.039 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Instrument :
BNA_F
ClientSampleID :
PB114627BSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.6	92.6	138.8
77	45.5	59.4	89.2#
79	44.5	54.0	81.0#

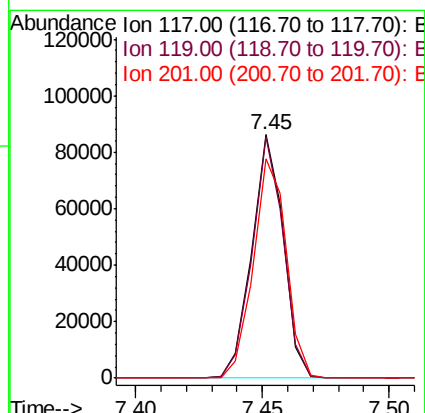
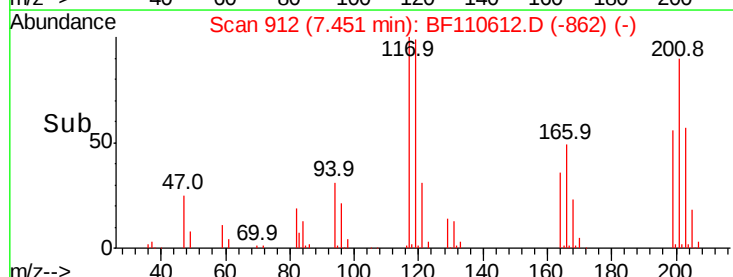
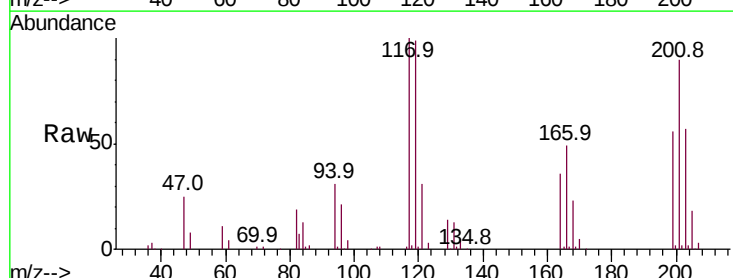
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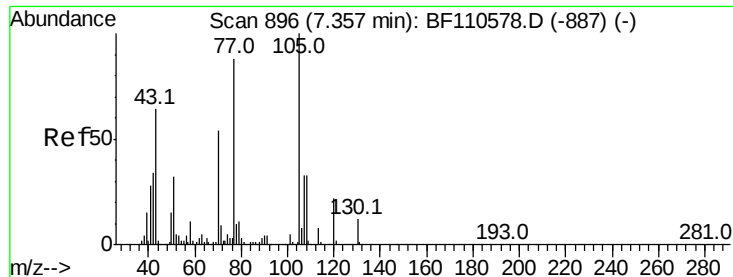
Sohil
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#18
Hexachloroethane
Concen: 35.398 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.8	75.0	112.6
201	90.0	79.2	118.8





#19

n-Nitroso-di-n-propylamine

Concen: 38.363 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BF110612.D

Acq: 9 Nov 2018 4:32

Instrument :

BNA_F

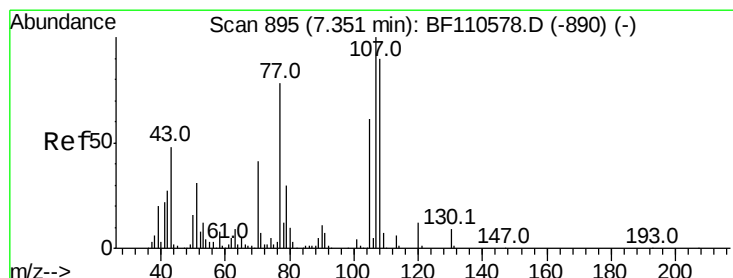
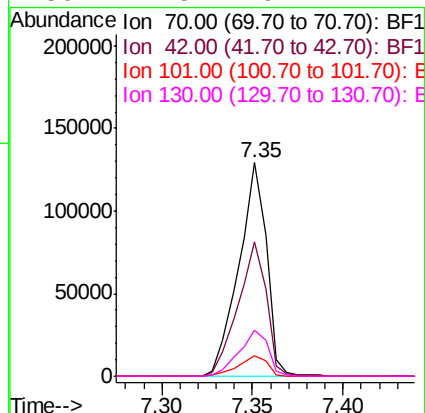
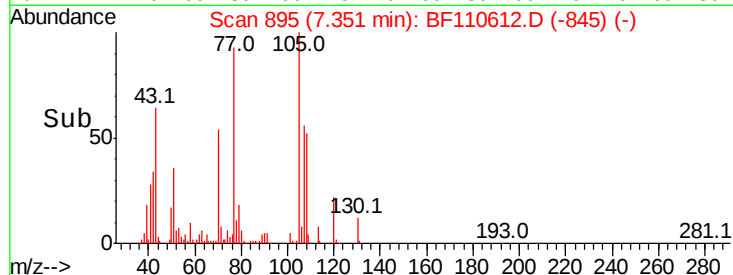
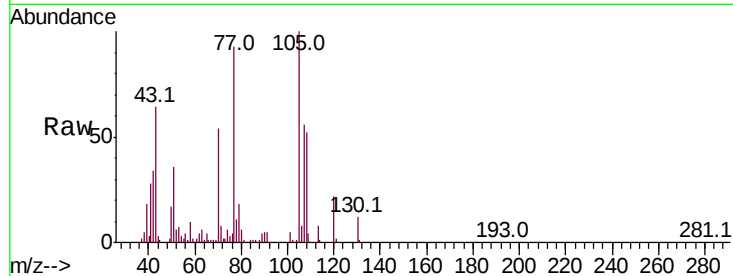
ClientSampleId :

PB114627BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.0	47.4	71.2
101	9.7	7.3	10.9
130	21.5	16.2	24.2

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#20

3+4-Methylphenols

Concen: 39.630 ng

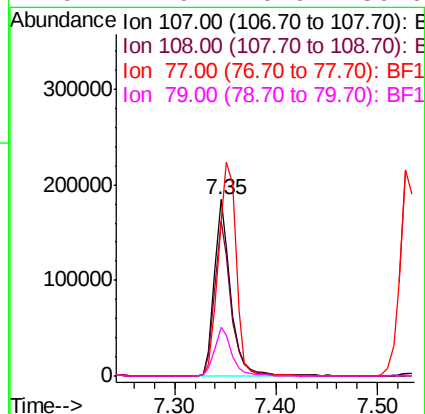
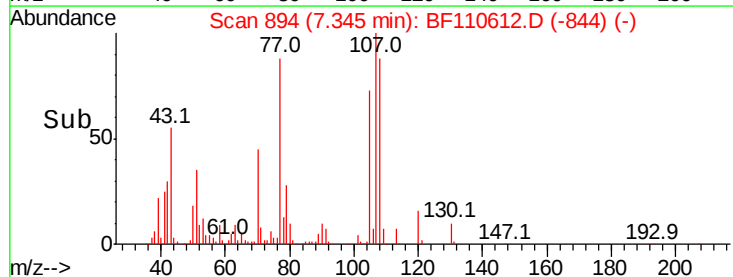
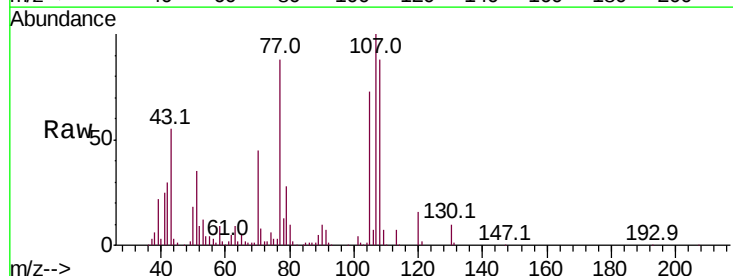
RT: 7.35 min Scan# 894

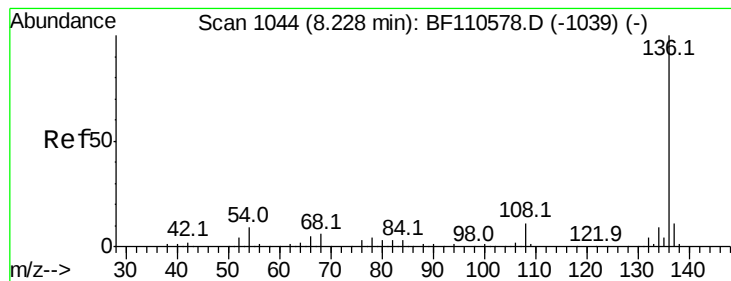
Delta R.T. -0.01 min

Lab File: BF110612.D

Acq: 9 Nov 2018 4:32

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.9	71.4	111.4
77	88.3	47.3	87.3#
79	27.9	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: BF110612.D

Acq: 9 Nov 2018 4:32

Instrument :

BNA_F

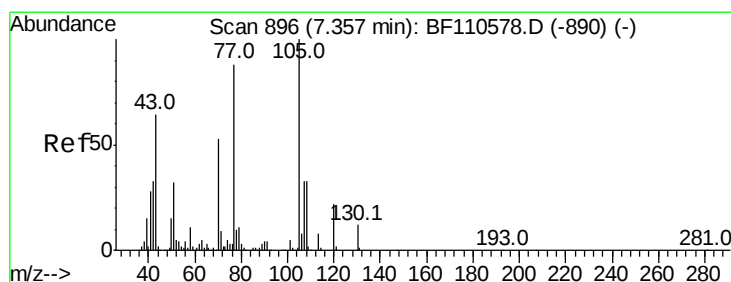
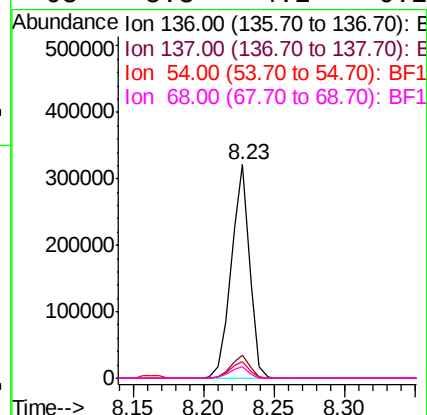
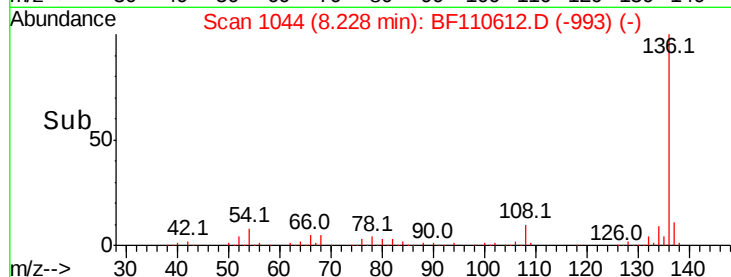
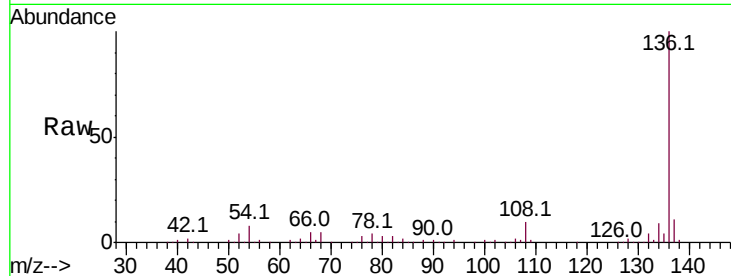
ClientSampleId :

PB114627BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	288131		
137	10.8		8.8	13.2
54	7.7		5.4	8.2
68	5.3		4.2	6.2

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#22

Acetophenone

Concen: 41.364 ng

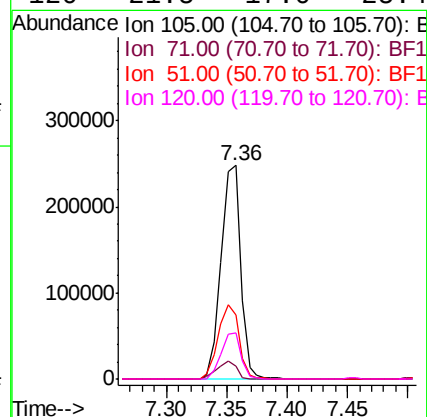
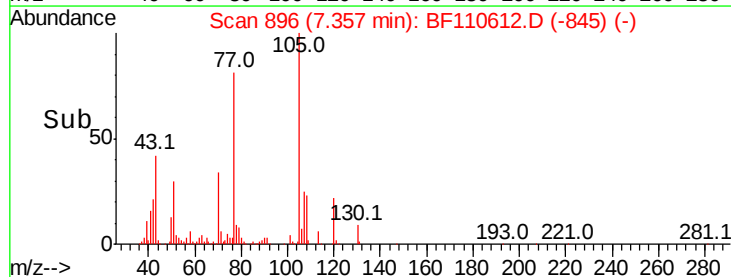
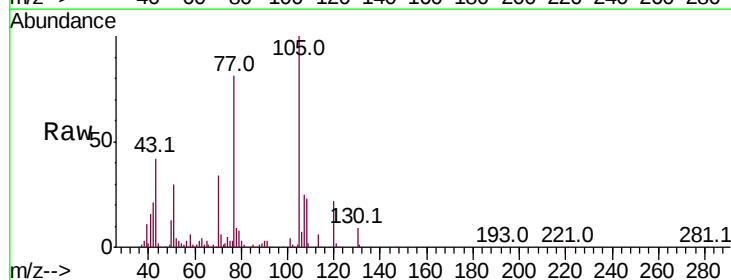
RT: 7.36 min Scan# 896

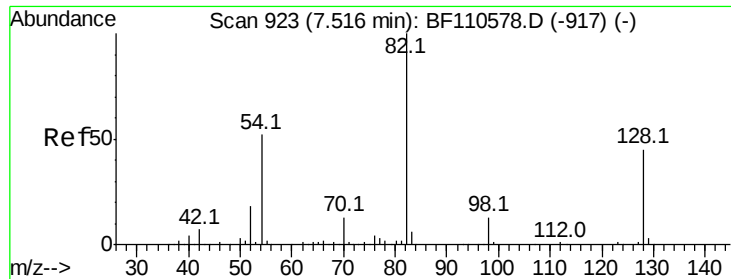
Delta R.T. 0.00 min

Lab File: BF110612.D

Acq: 9 Nov 2018 4:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	277760		
71	5.8		5.2	7.8
51	29.9		21.8	32.8
120	21.5		17.0	25.4





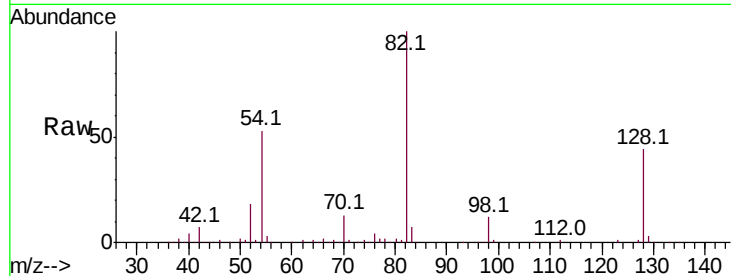
#23
Nitrobenzene-d5
Concen: 84.470 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Instrument :
BNA_F
ClientSampleID :
PB114627BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.7	34.2	51.2	
54	53.1	38.6	58.0	

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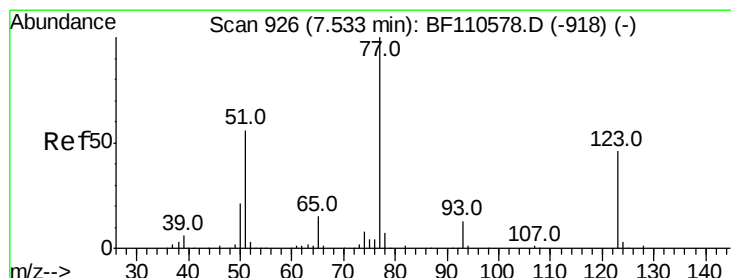
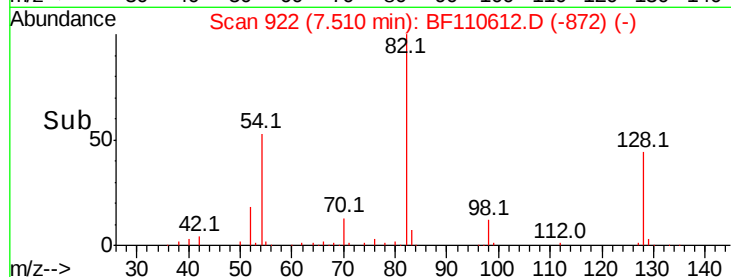
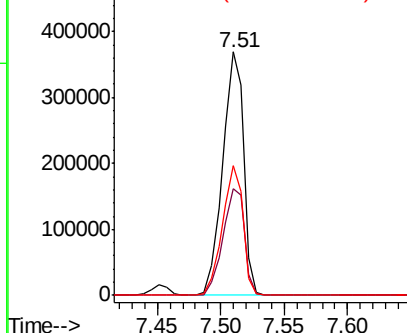


Abundance

Ion 82.00 (81.70 to 82.70): BF1

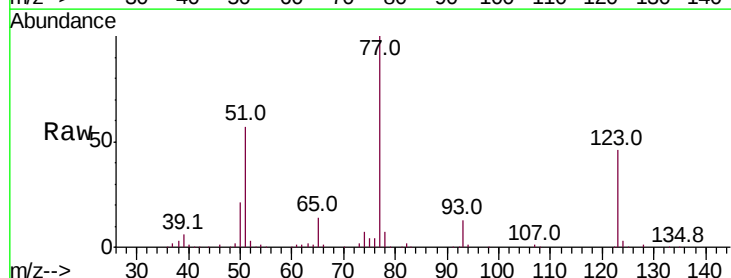
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24
Nitrobenzene
Concen: 40.449 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	46.3	35.7	53.5	
65	14.1	10.7	16.1	

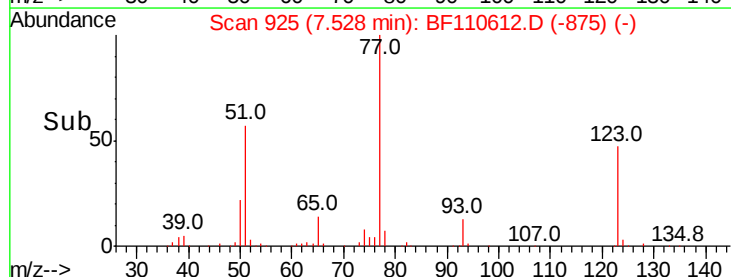
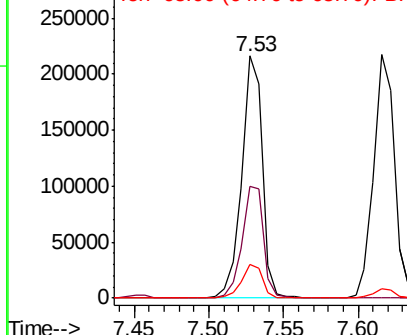


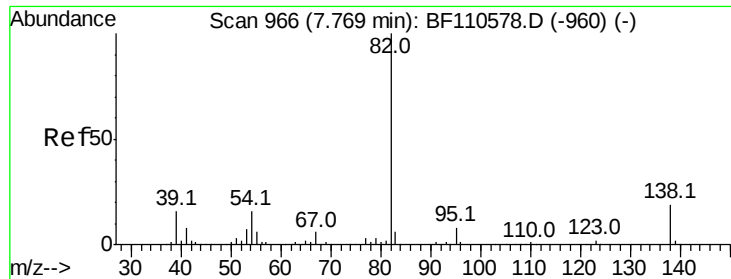
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 44.972 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF110612.D

Acq: 9 Nov 2018 4:32

Instrument :

BNA_F

ClientSampleId :

PB114627BSD

Tot Ion: 82 Resp: 368778

Ion Ratio Lower Upper

82 100

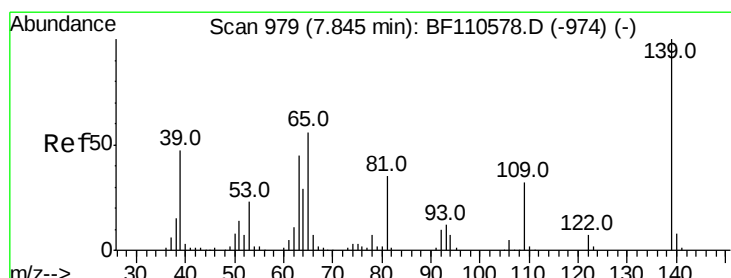
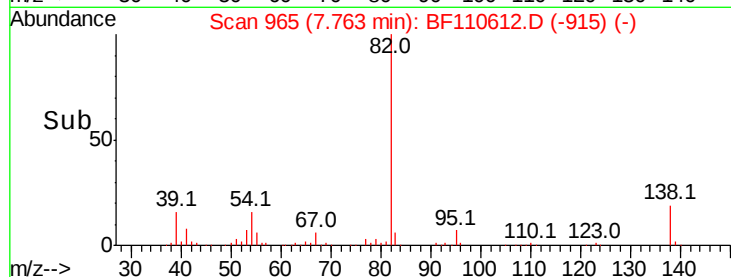
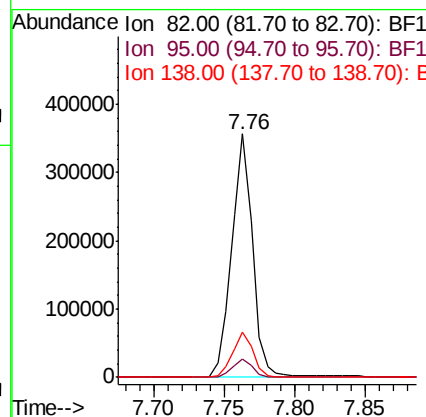
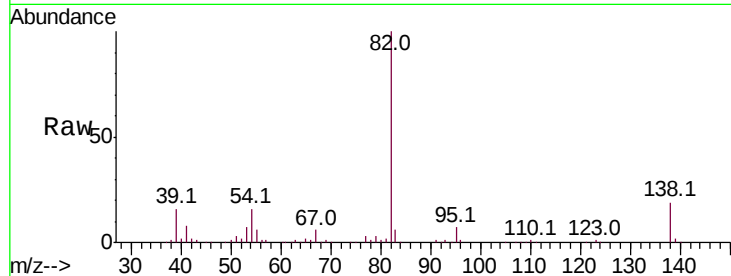
95 7.3 5.7 8.5

138 18.6 13.2 19.8

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#26

2-Nitrophenol

Concen: 38.001 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.00 min

Lab File: BF110612.D

Acq: 9 Nov 2018 4:32

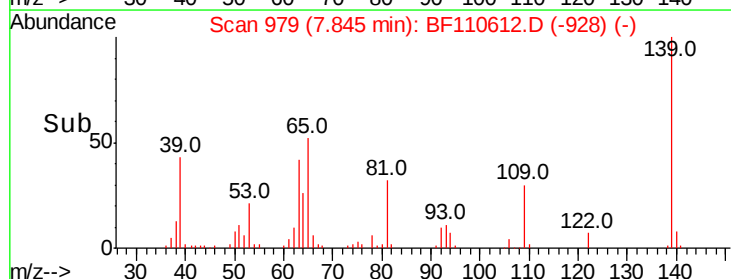
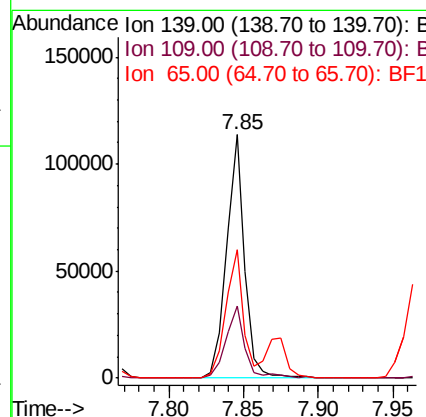
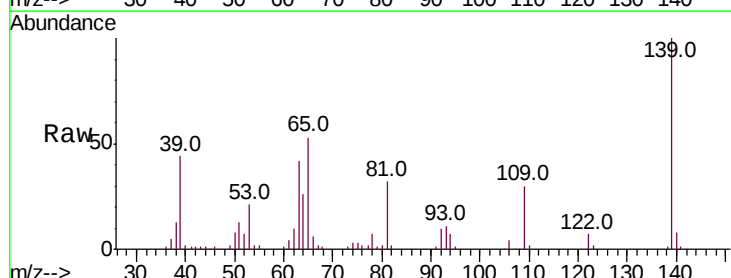
Tgt Ion: 139 Resp: 97180

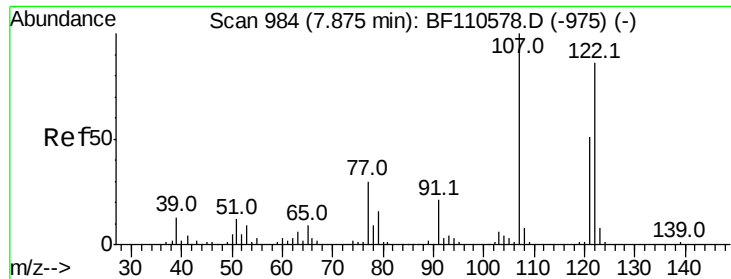
Ion Ratio Lower Upper

139 100

109 29.7 25.0 37.6

65 52.5 44.0 66.0





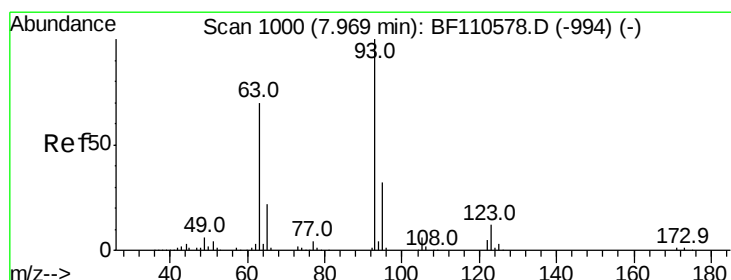
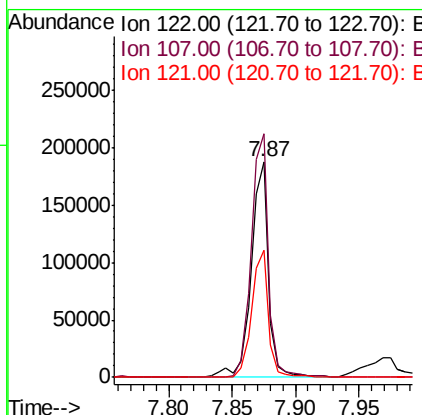
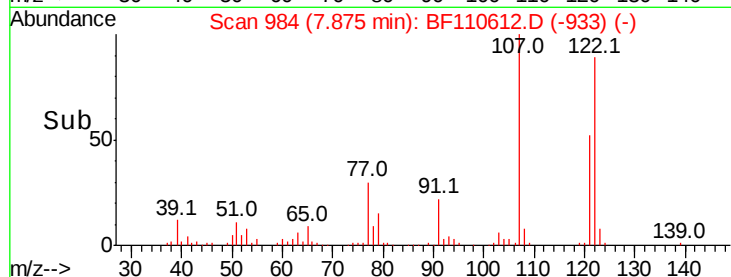
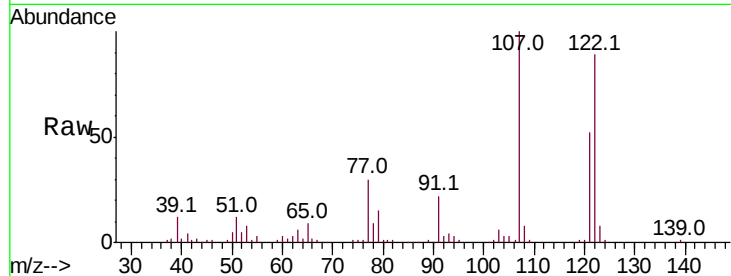
#27
2,4-Dimethylphenol
Concen: 46.537 ng
RT: 7.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Instrument :
BNA_F
ClientSampleId :
PB114627BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	181242		
107	113.0	92.5	138.7	
121	58.9	45.8	68.8	

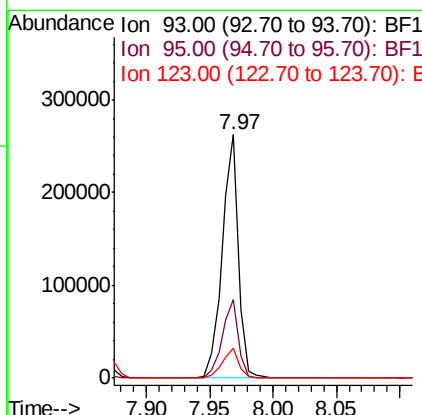
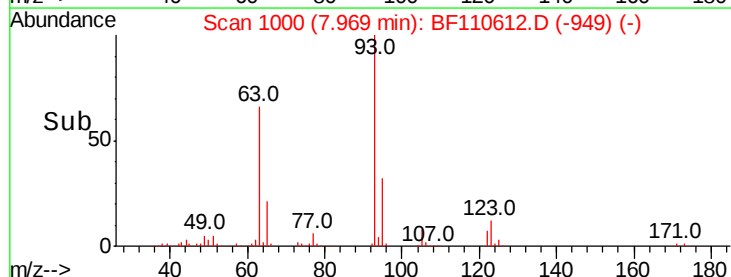
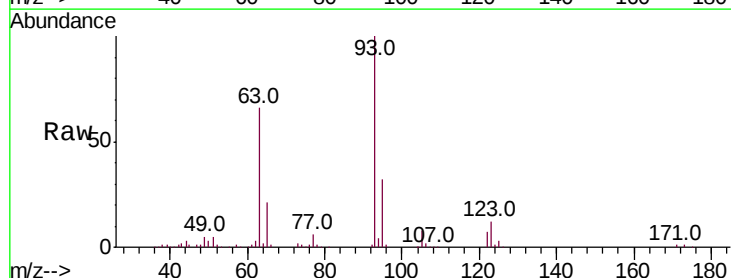
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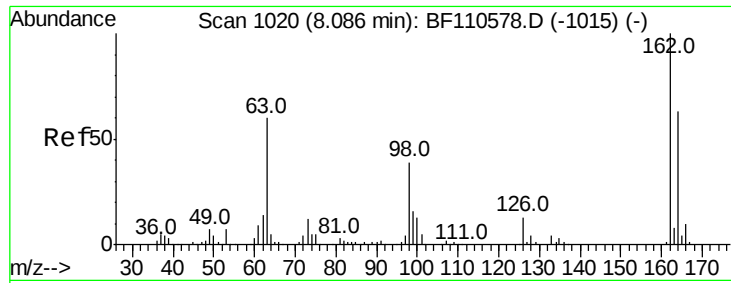
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 42.238 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	234511		
95	32.1	26.4	39.6	
123	12.1	9.0	13.6	





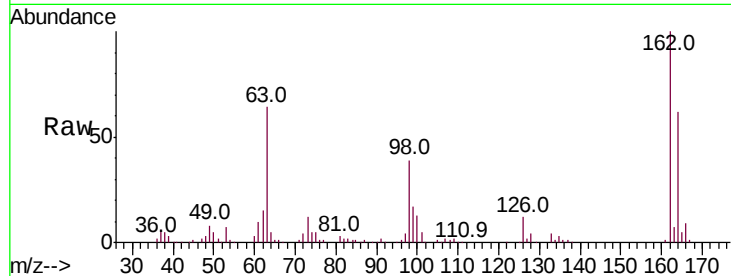
#29
 2,4-Dichlorophenol
 Concen: 40.168 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BF110612.D
 Acq: 9 Nov 2018 4:32

Instrument :
 BNA_F
 ClientSampleId :
 PB114627BSD

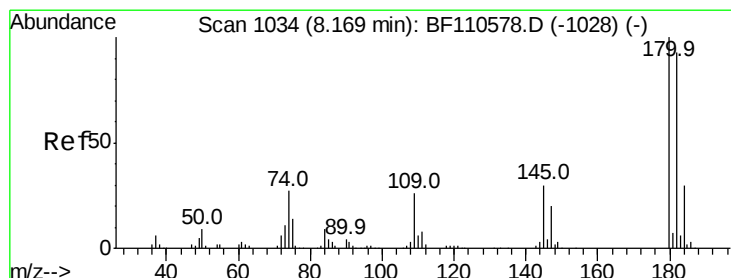
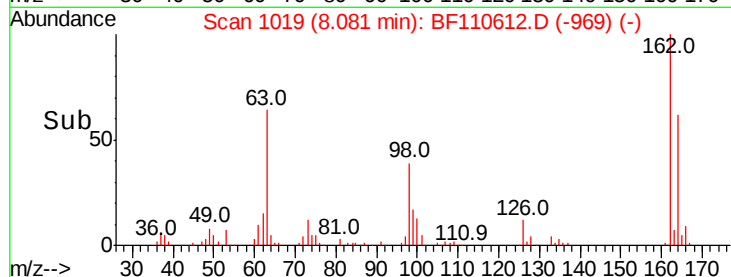
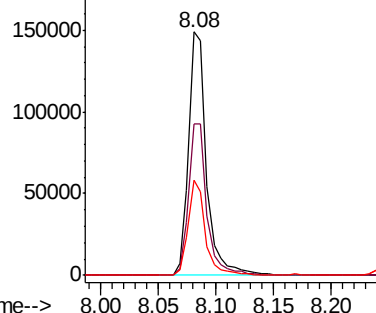
Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	62.1	44.6	84.6
98	39.2	17.4	57.4

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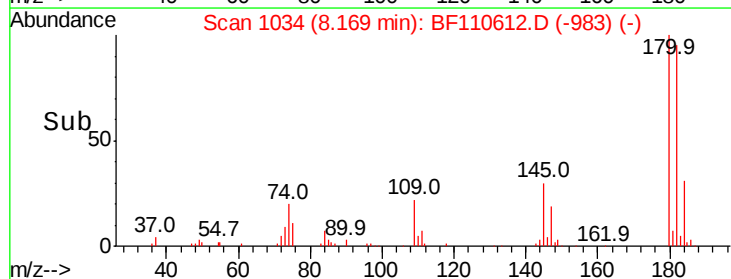
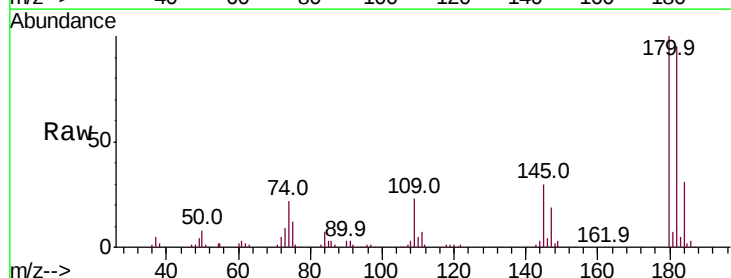
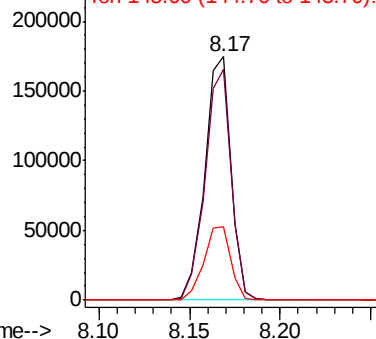
Abundance Ion 162.00 (161.70 to 162.70): E
 200000 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

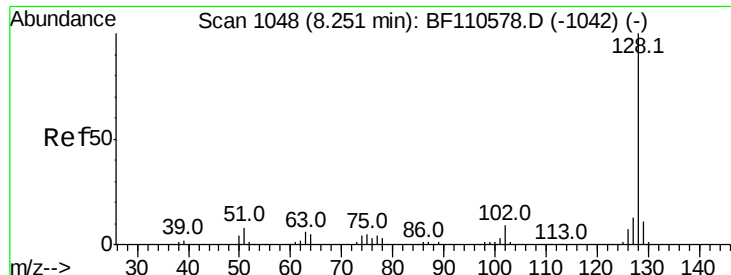


#30
 1,2,4-Trichlorobenzene
 Concen: 38.887 ng
 RT: 8.17 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF110612.D
 Acq: 9 Nov 2018 4:32

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.9	80.3	120.5
145	30.2	25.4	38.0

Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





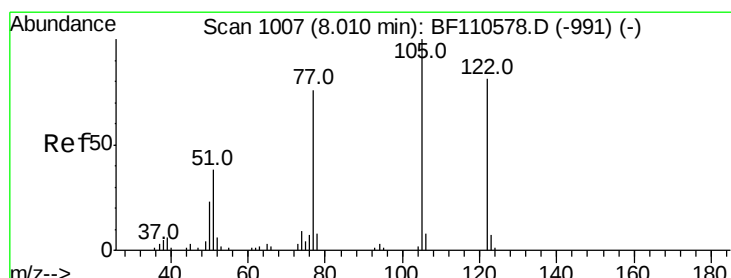
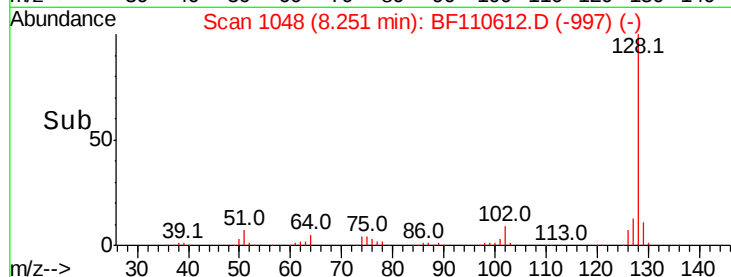
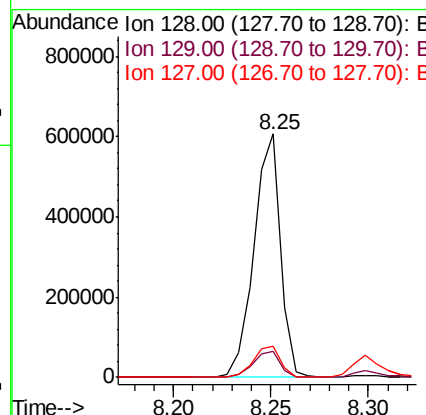
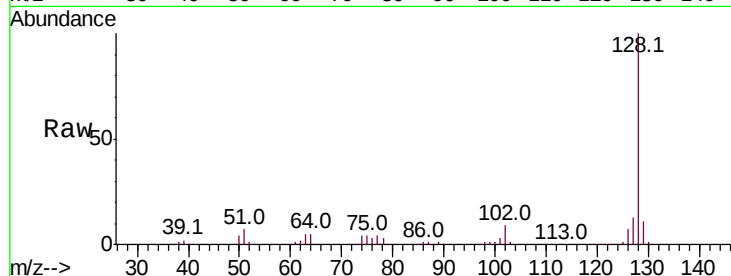
#31
Naphthalene
Concen: 42.173 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Instrument :
BNA_F
ClientSampleId :
PB114627BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.0	10.8	16.2

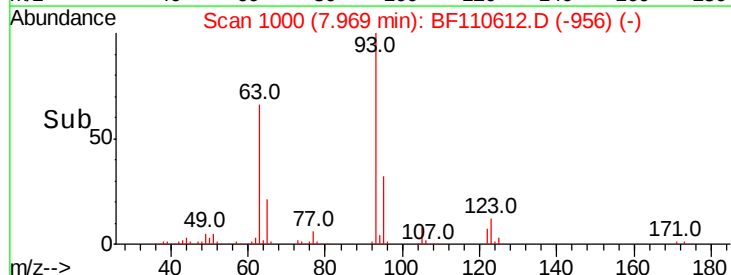
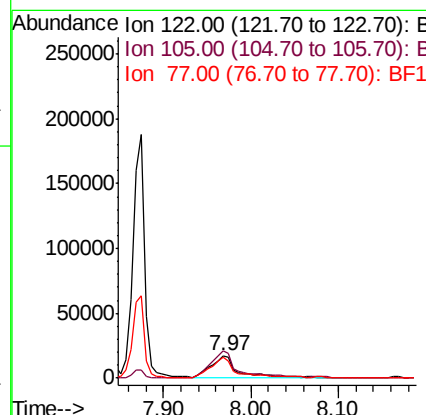
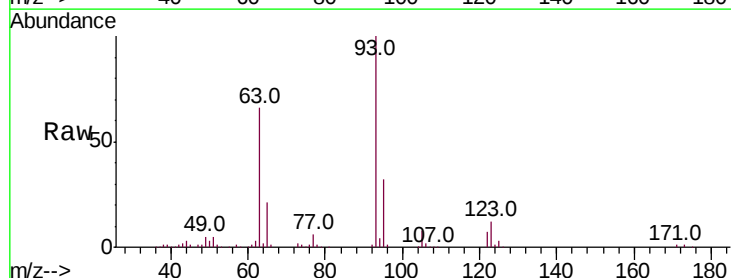
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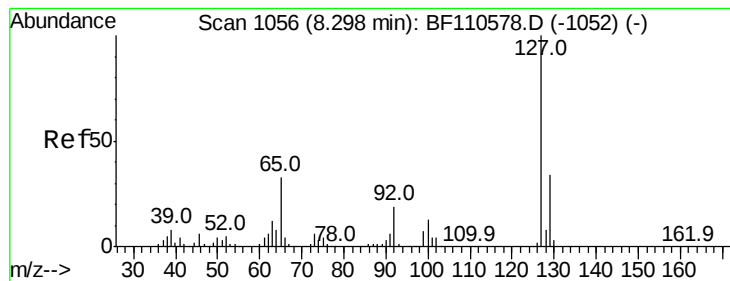
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#32
Benzoic acid
Concen: 13.419 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.04 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.0	109.0	149.0
77	90.9	79.0	119.0





#33

4-Chloroaniline

Concen: 9.644 ng

RT: 8.30 min Scan# 1056

Delta R.T. 0.00 min

Lab File: BF110612.D

Acq: 9 Nov 2018 4:32

Instrument :

BNA_F

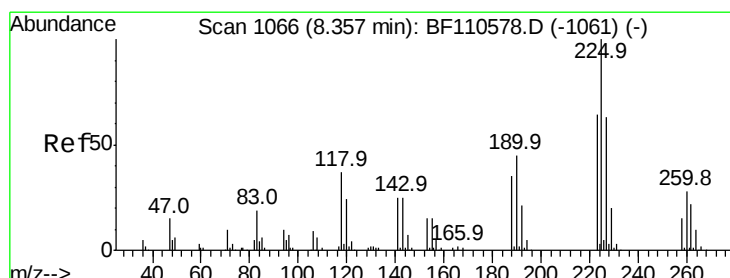
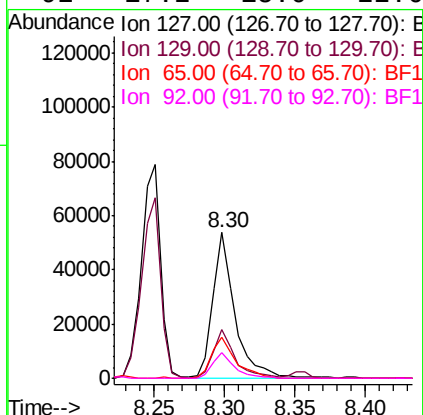
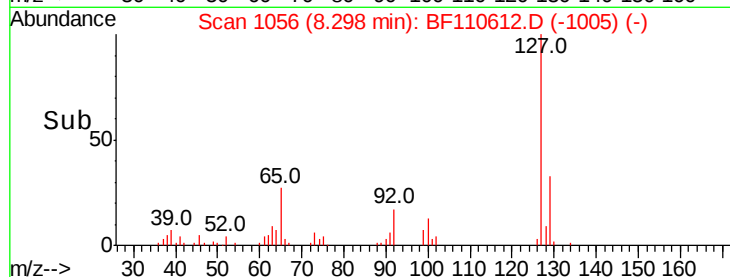
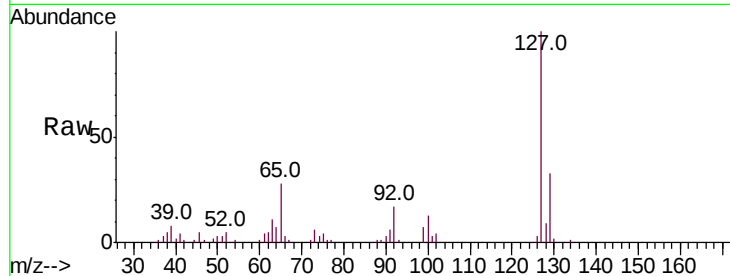
ClientSampleId :

PB114627BSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.4	26.0	39.0
65	28.1	25.1	37.7
92	17.2	15.0	22.6

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#34

Hexachlorobutadiene

Concen: 37.812 ng

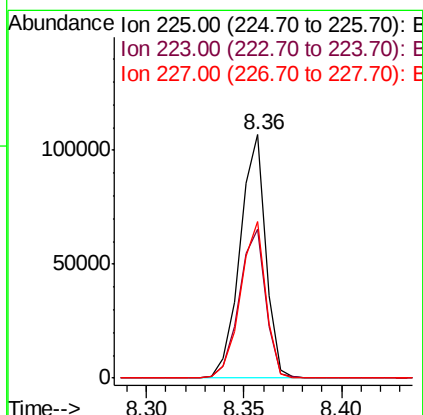
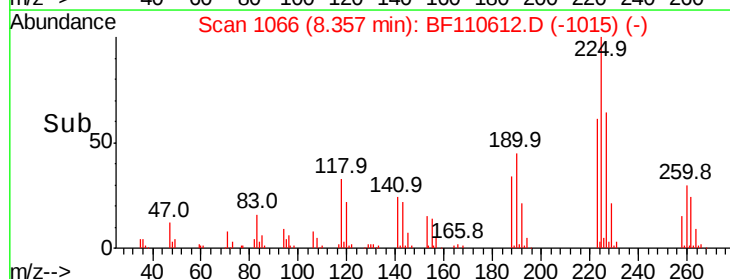
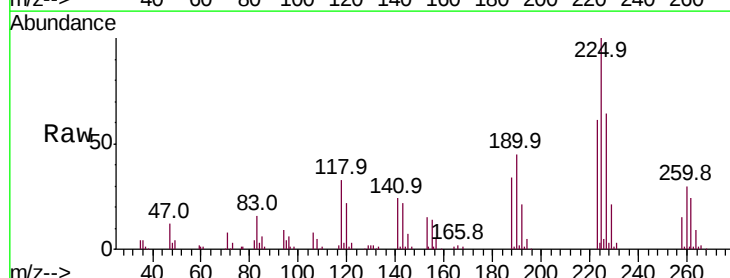
RT: 8.36 min Scan# 1066

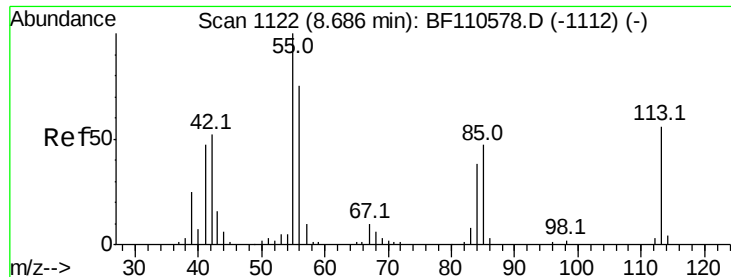
Delta R.T. 0.00 min

Lab File: BF110612.D

Acq: 9 Nov 2018 4:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.3	51.4	77.2
227	64.4	51.0	76.6





#35

Caprolactam

Concen: 35.819 ng/mL

RT: 8.66 min Scan# 1118

Delta R.T. -0.02 min

Lab File: BF110612.D

Acq: 9 Nov 2018 4:32

Instrument :

BNA_F

ClientSampleID :

PB114627BSD

Tot Ion:113 Resp: 47957

Ion Ratio Lower Upper

113 100

55 181.5 142.8 182.8

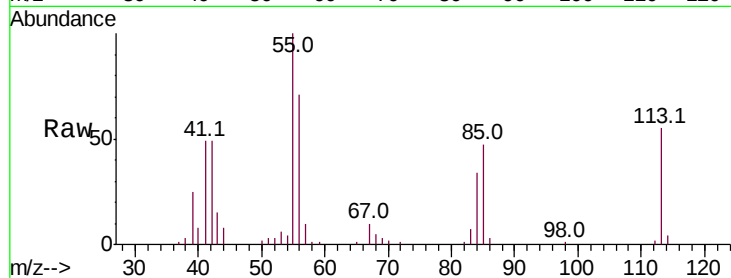
56 129.1 105.0 145.0

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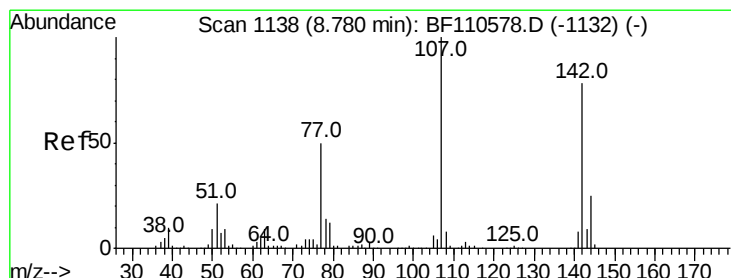
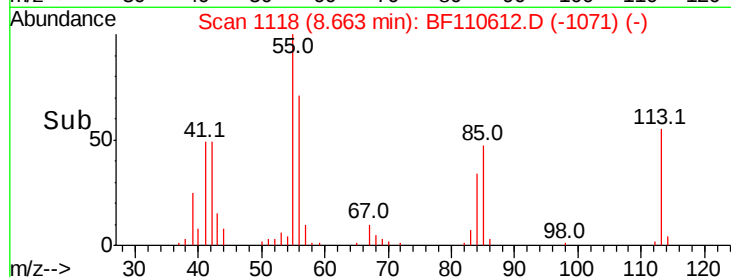
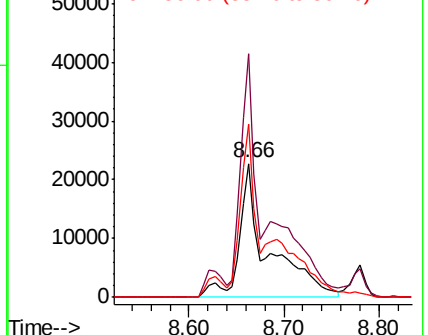
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 39.439 ng/mL

RT: 8.78 min Scan# 1138

Delta R.T. 0.00 min

Lab File: BF110612.D

Acq: 9 Nov 2018 4:32

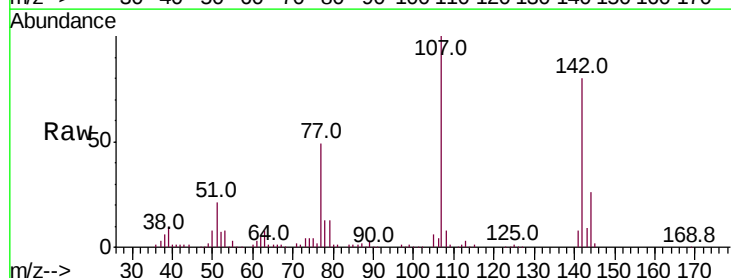
Tgt Ion:107 Resp: 170452

Ion Ratio Lower Upper

107 100

144 25.9 20.0 30.0

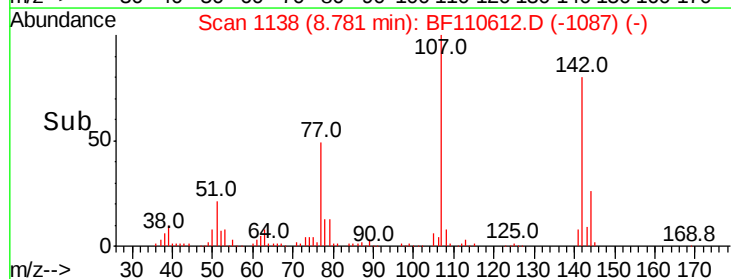
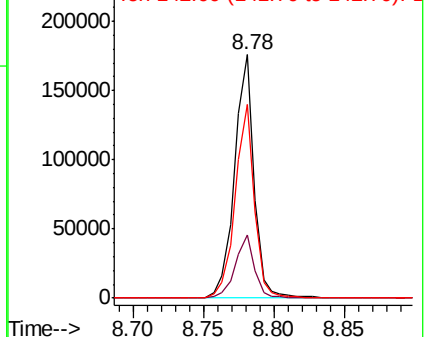
142 79.6 59.7 89.5

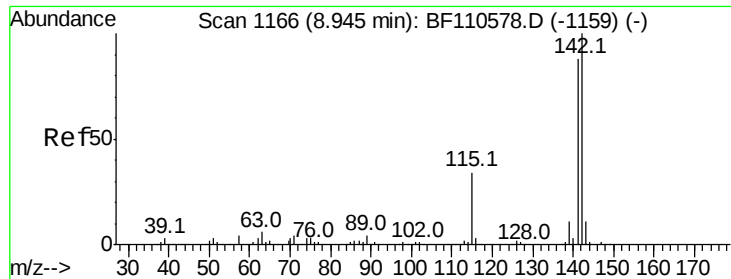


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





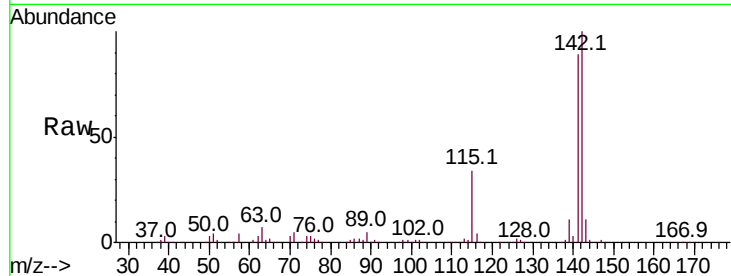
#37
2-Methylnaphthalene
Concen: 43.707 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Instrument :
BNA_F
ClientSampleId :
PB114627BSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100			
141	88.7	71.4	107.2	
115	34.4	28.7	43.1	

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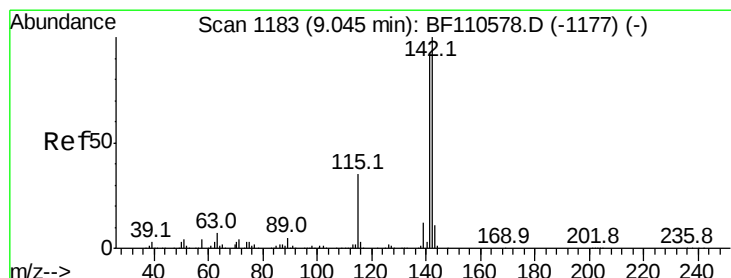
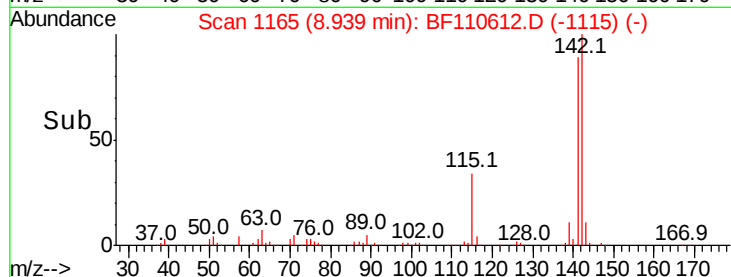
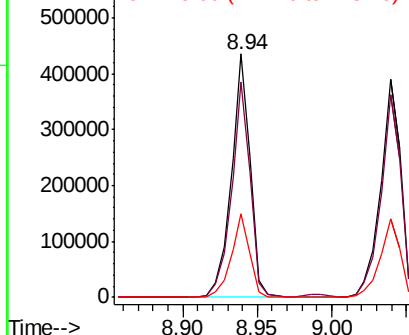


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 42.214 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

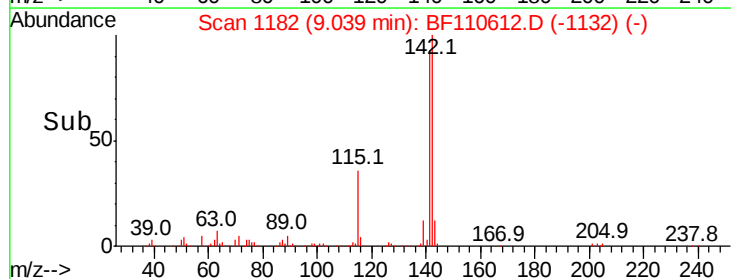
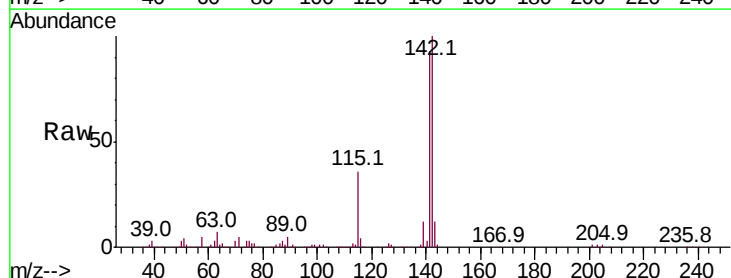
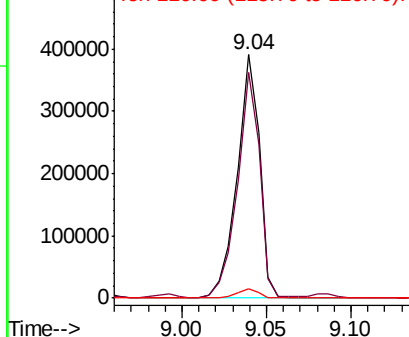
Tgt Ion	Ratio	Resp	Lower	Upper
142	100			
141	92.9	74.2	111.4	
116	3.8	2.6	4.0	

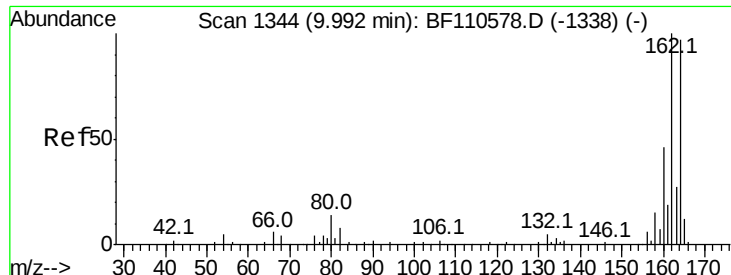
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





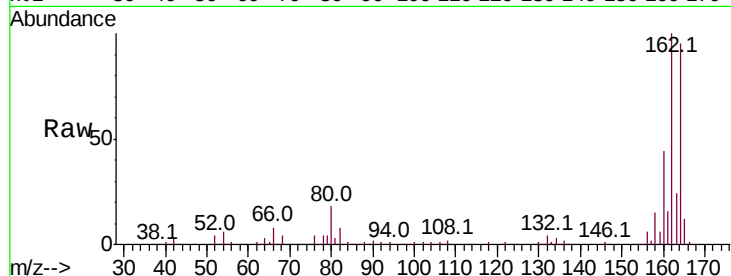
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Instrument :
BNA_F
ClientSampleId :
PB114627BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.2	83.0	124.6
160	46.5	37.0	55.6

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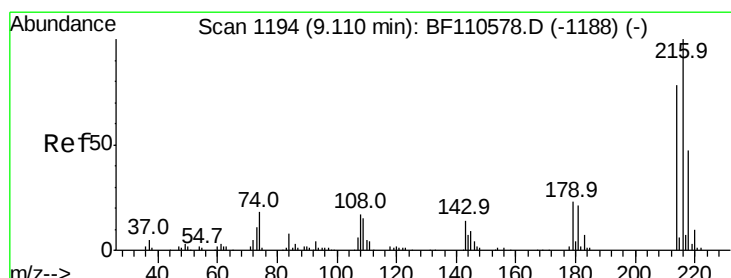
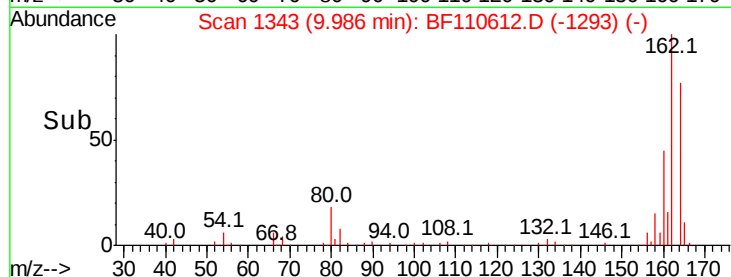
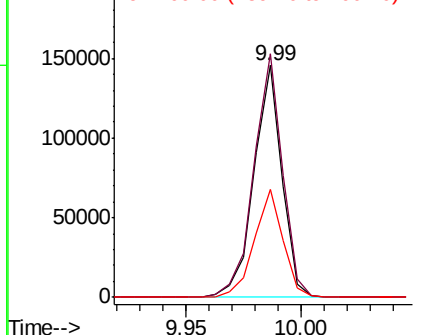


Abundance

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: 41.327 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.8	95.6
179	22.9	16.6	25.0
108	18.9	15.1	22.7

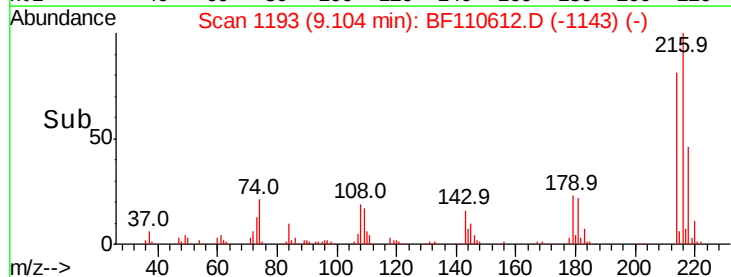
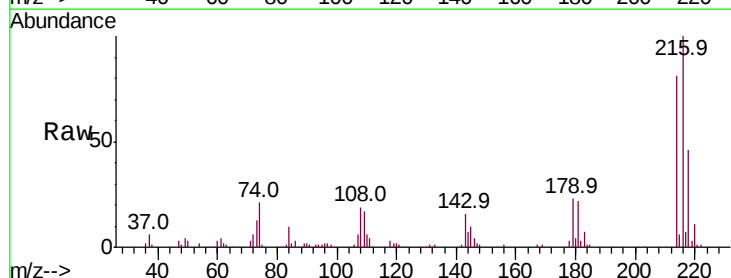
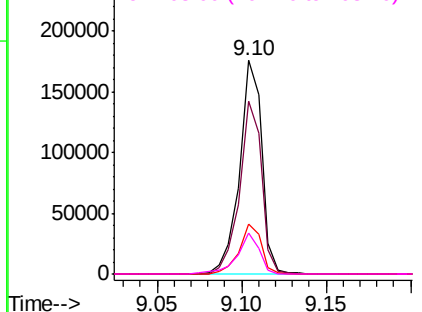
Abundance

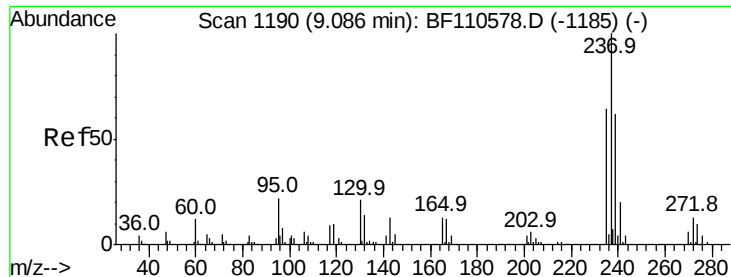
Ion 216.00 (215.70 to 216.70): E

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: 34.470 ng

RT: 9.09 min Scan# 1190

Delta R.T. 0.00 min

Lab File: BF110612.D

Acq: 9 Nov 2018 4:32

Instrument :

BNA_F

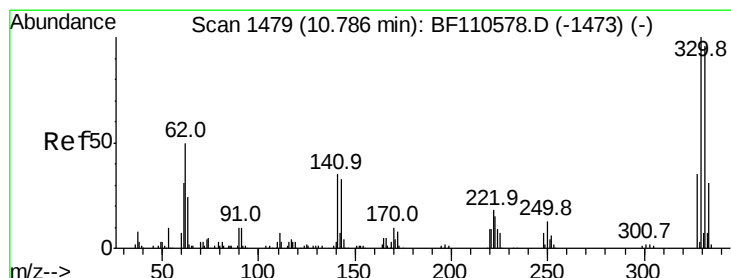
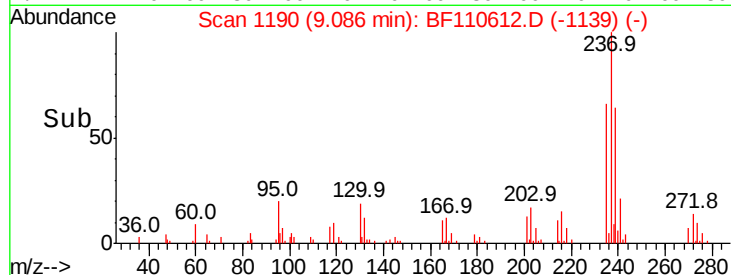
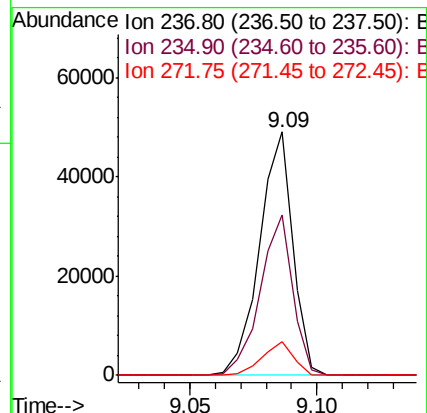
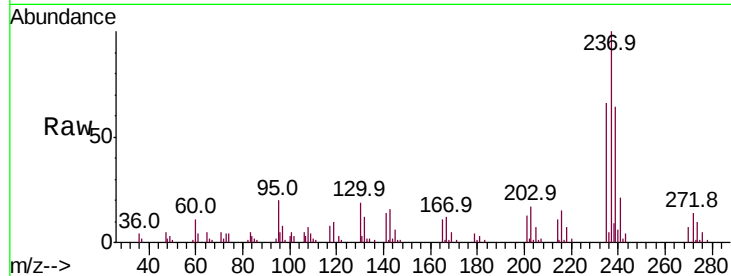
ClientSampleId :

PB114627BSD

Tot Ion:	237	Resp:	45132
Ion Ratio	Lower	Upper	
237	100		
235	65.8	43.1	83.1
272	13.7	0.0	32.6

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#42

2,4,6-Tribromophenol

Concen: 74.581 ng

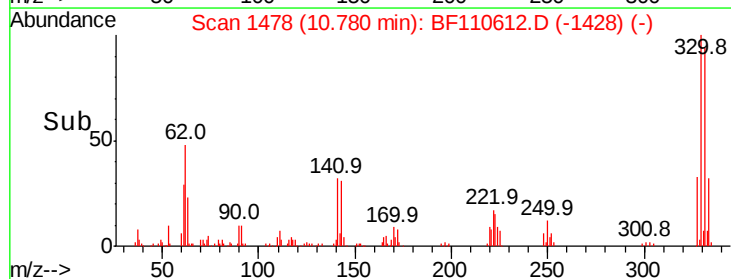
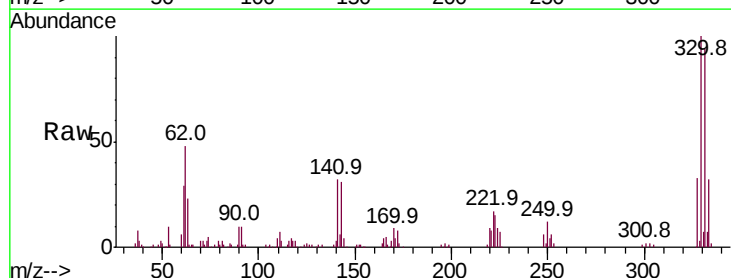
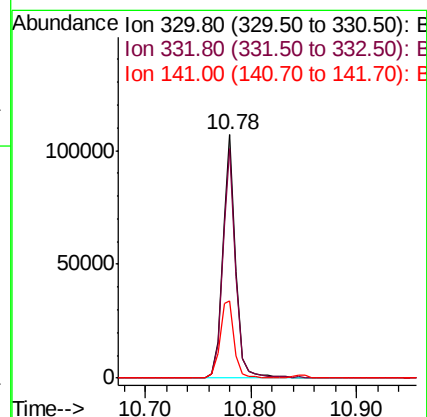
RT: 10.78 min Scan# 1478

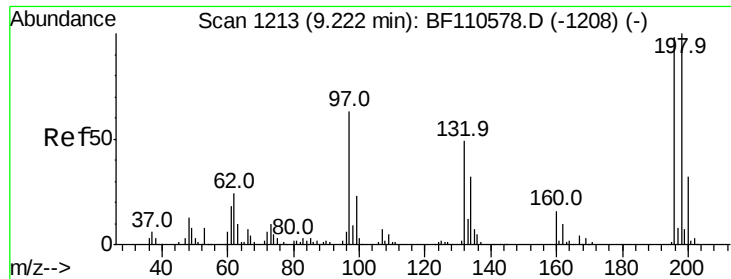
Delta R.T. -0.01 min

Lab File: BF110612.D

Acq: 9 Nov 2018 4:32

Tgt Ion:	330	Resp:	92626
Ion Ratio	Lower	Upper	
330	100		
332	94.8	77.1	115.7
141	35.7	27.0	40.4





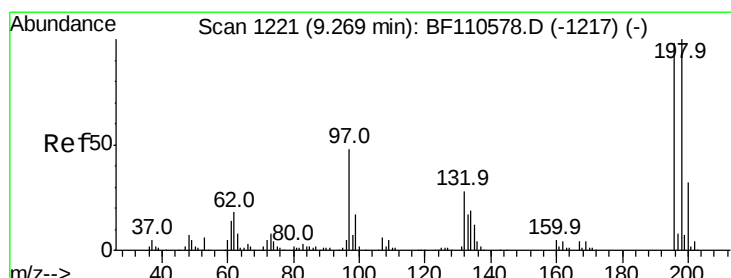
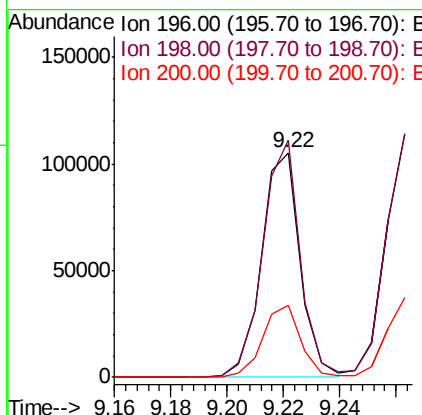
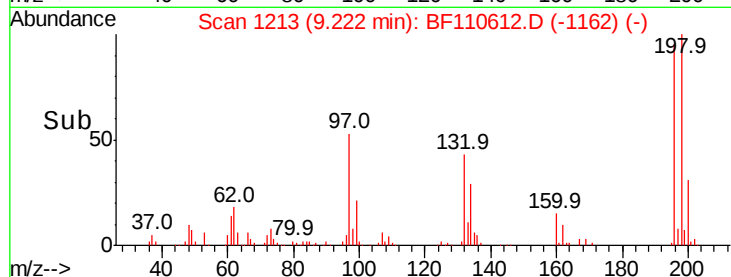
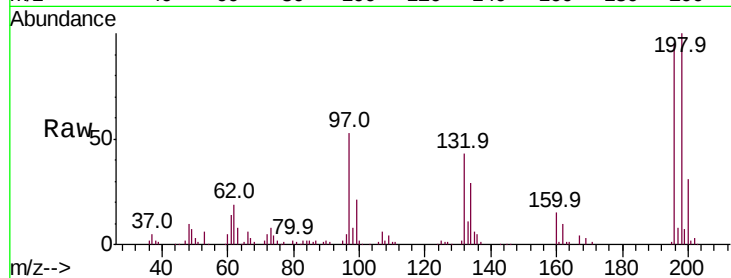
#43
2,4,6-Trichlorophenol
Concen: 40.943 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Instrument :
BNA_F
ClientSampleId :
PB114627BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	100381		
198	105.3	76.2	114.4	
200	32.1	24.4	36.6	

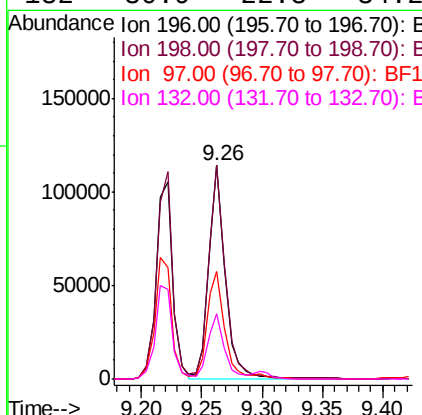
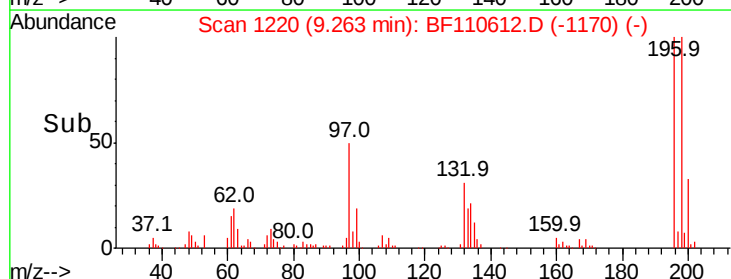
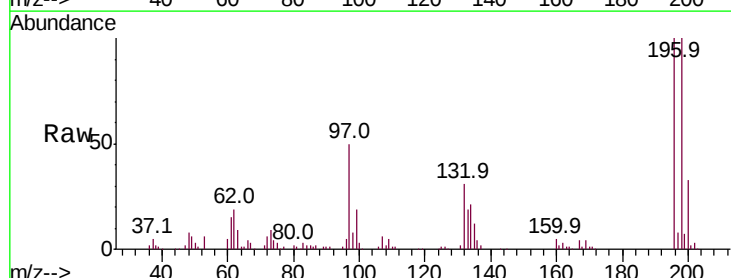
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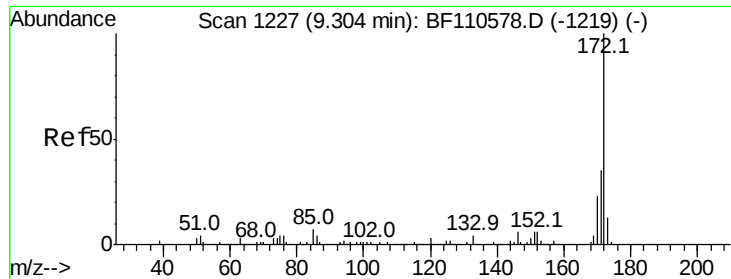
Sohil
11/9/2018 4:26:25 PM



#44
2,4,5-Trichlorophenol
Concen: 41.728 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	109129		
198	99.9	75.8	113.6	
97	50.1	42.4	63.6	
132	30.9	22.8	34.2	





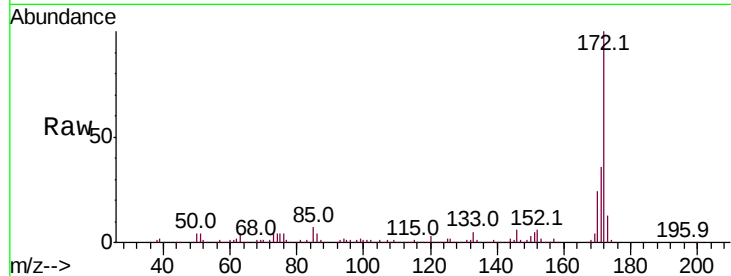
#45
2-Fluorobiphenyl
Concen: 91.610 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Instrument :
BNA_F
ClientSampleID :
PB114627BSD

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.8	28.6	43.0	
170	23.6	19.7	29.5	

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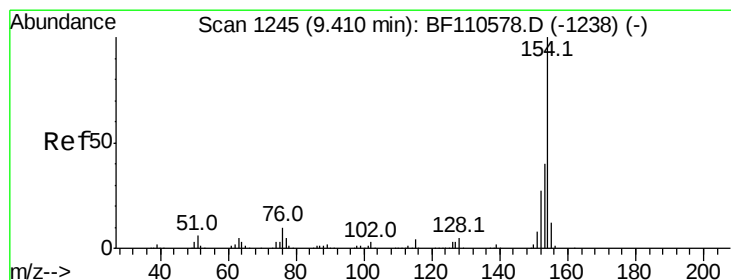
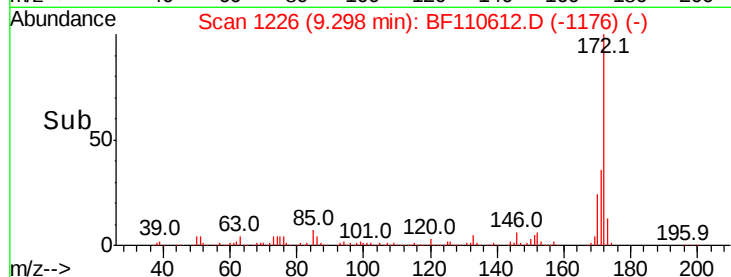
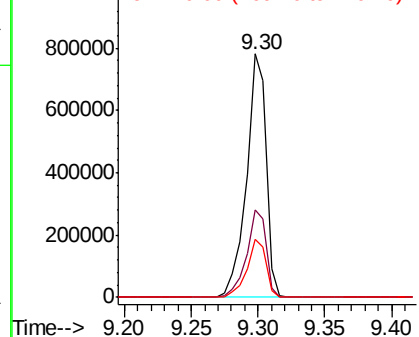


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 40.347 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

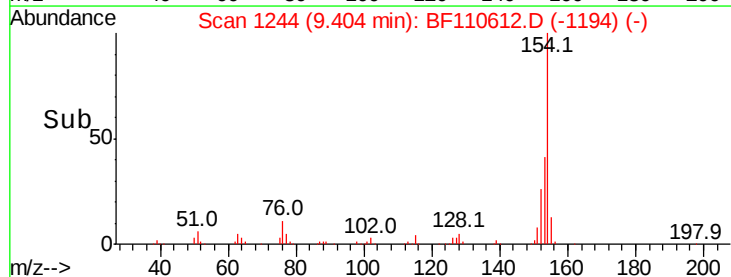
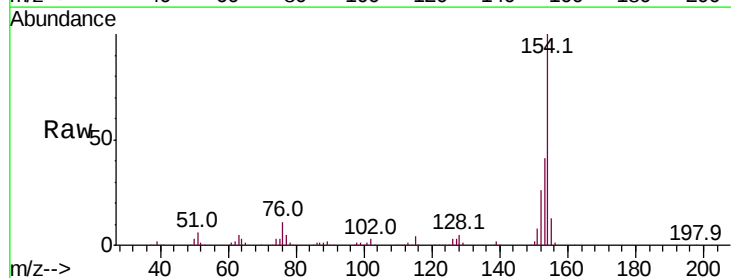
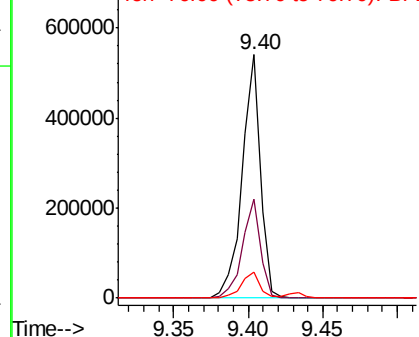
Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.9	20.4	60.4	
76	10.9	0.0	31.9	

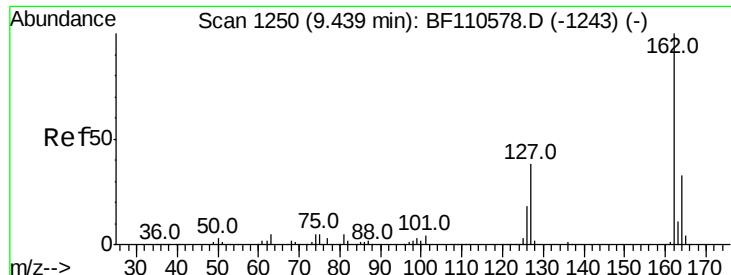
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





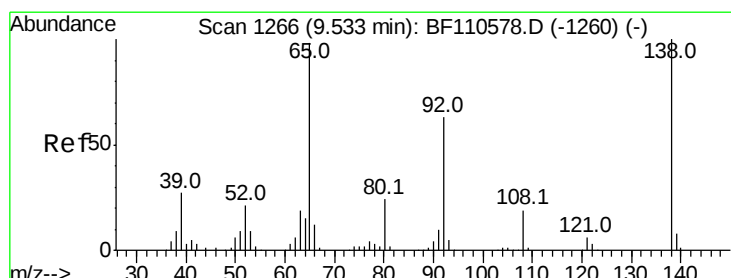
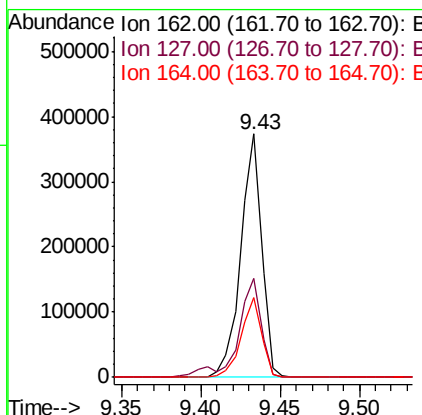
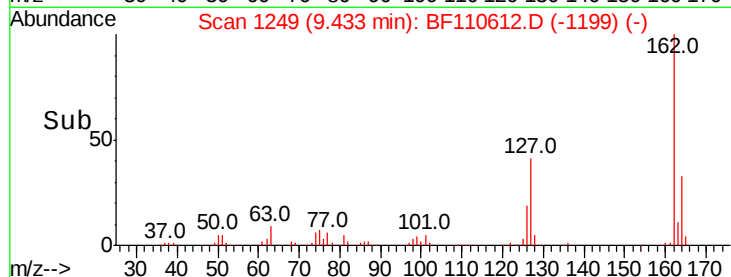
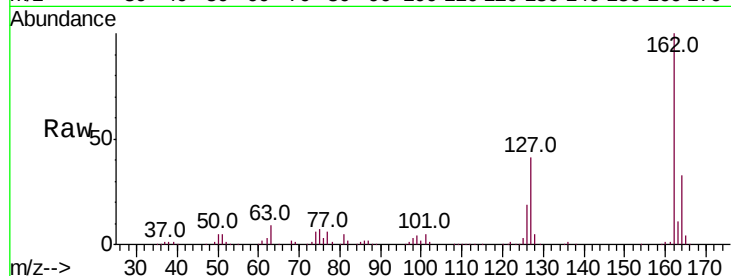
#47
 2-Chloronaphthalene
 Concen: 41.204 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BF110612.D
 Acq: 9 Nov 2018 4:32

Instrument :
 BNA_F
 ClientSampleID :
 PB114627BSD

Tot Ion:	162	Resp:	341314
Ion Ratio	Lower	Upper	
162	100		
127	40.6	32.6	48.8
164	33.0	25.9	38.9

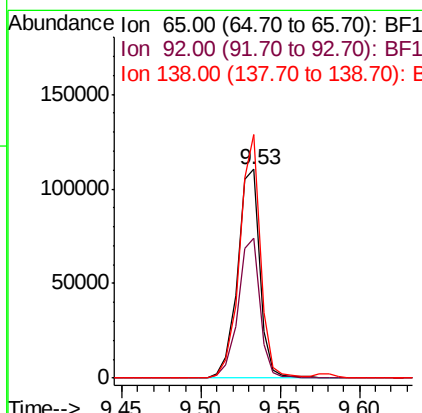
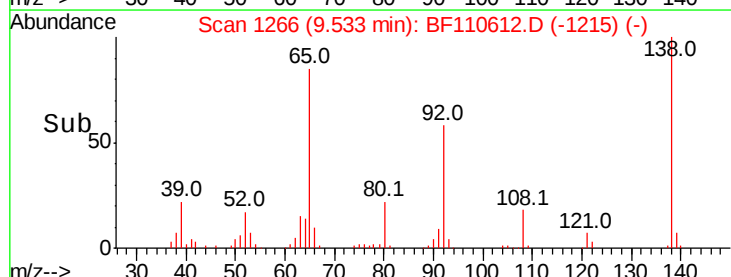
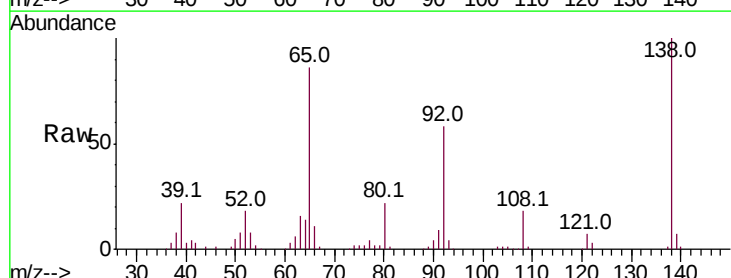
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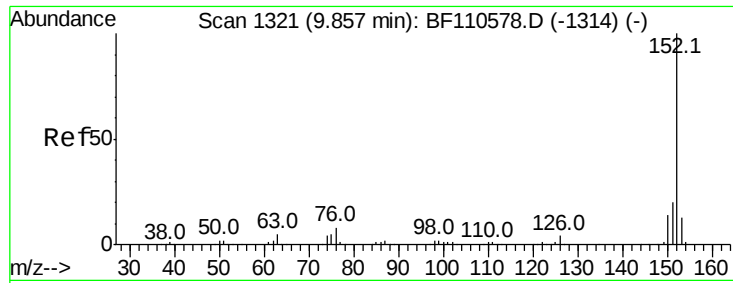
Sohil
 11/9/2018 4:26:25 PM



#48
 2-Nitroaniline
 Concen: 42.298 ng
 RT: 9.53 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: BF110612.D
 Acq: 9 Nov 2018 4:32

Tgt Ion:	65	Resp:	107972
Ion Ratio	Lower	Upper	
65	100		
92	67.1	54.6	81.8
138	116.7	80.3	120.5





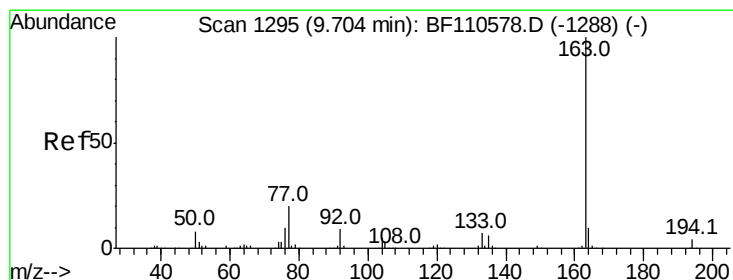
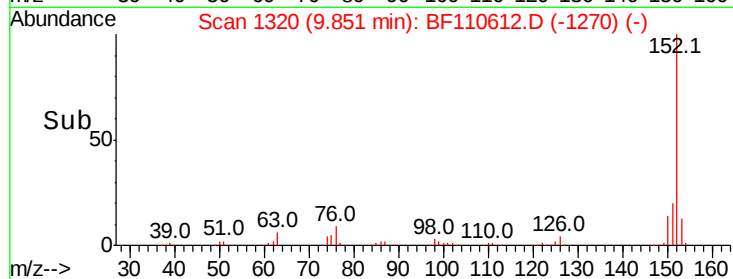
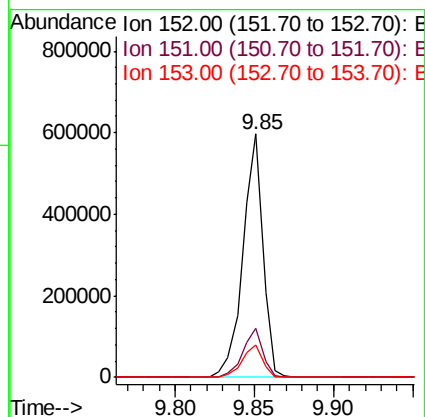
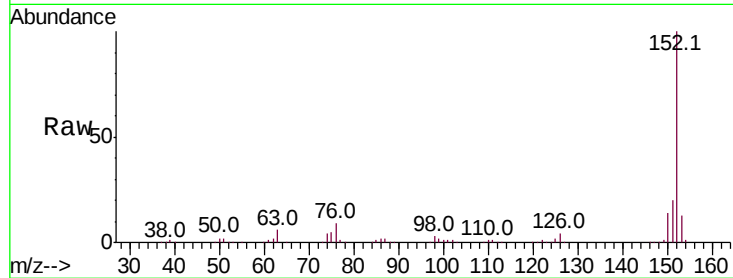
#49
Acenaphthylene
Concen: 43.574 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Instrument :
BNA_F
ClientSampleId :
PB114627BSD

Tot Ion	Ratio	Resp Lower	Upper
152	100		
151	20.0	15.8	23.8
153	13.5	10.4	15.6

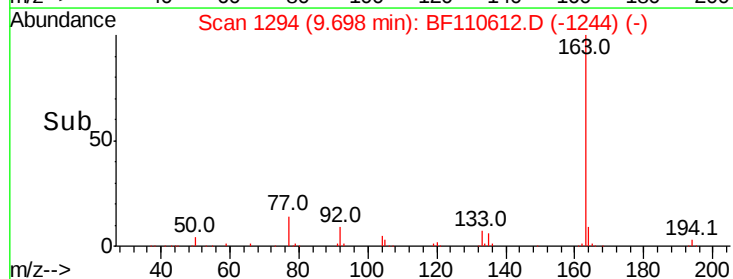
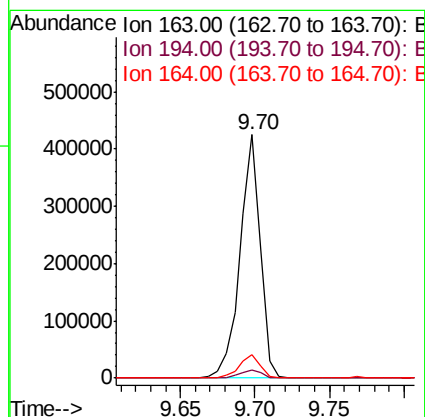
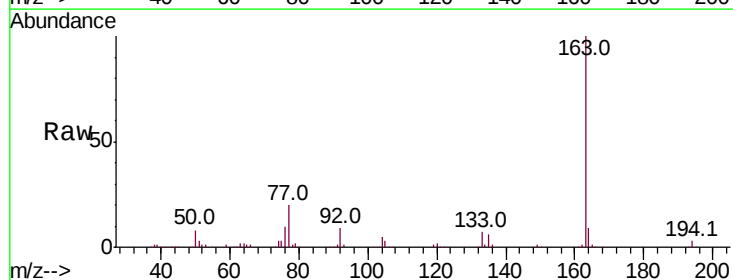
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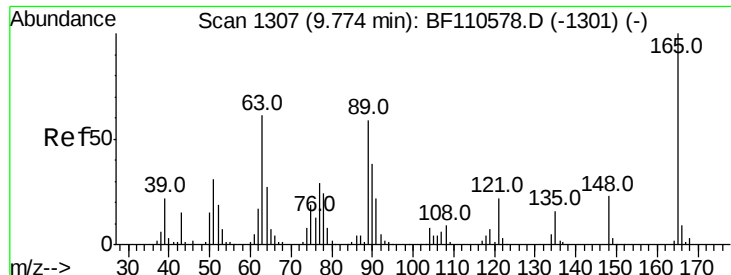
Sohil
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#50
Dimethylphthalate
Concen: 43.990 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Tgt Ion	Ratio	Resp Lower	Upper
163	100		
194	3.5	3.2	4.8
164	9.5	8.1	12.1





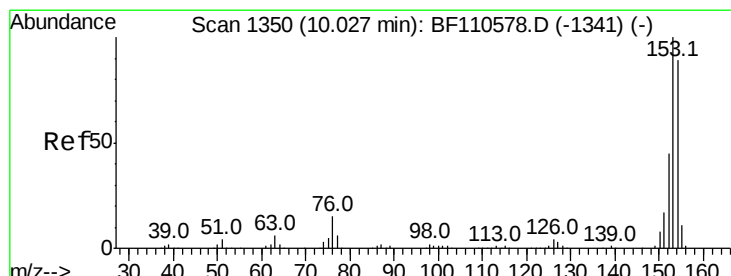
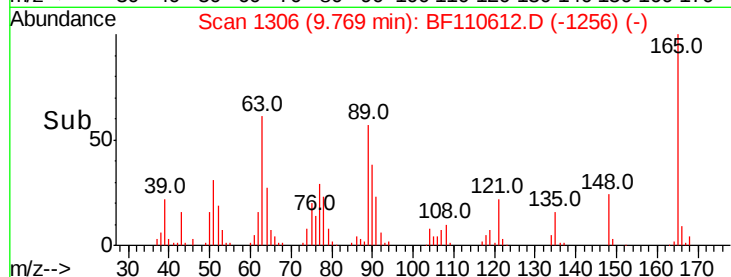
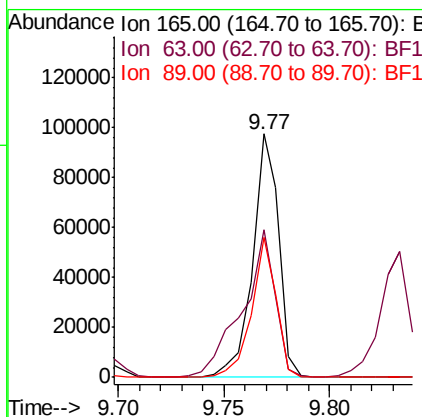
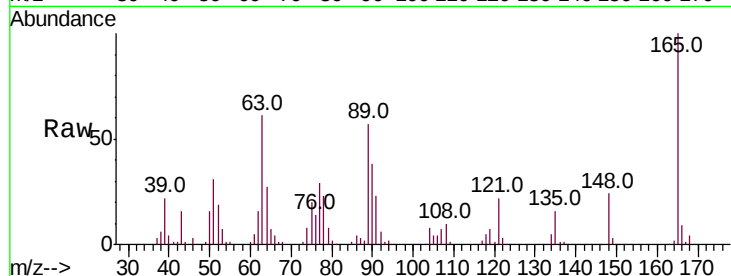
#51
 2,6-Dinitrotoluene
 Concen: 41.399 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.01 min
 Lab File: BF110612.D
 Acq: 9 Nov 2018 4:32

Instrument :
 BNA_F
 ClientSampleId :
 PB114627BSD

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	60.8	48.9	73.3
89	57.3	46.6	69.8

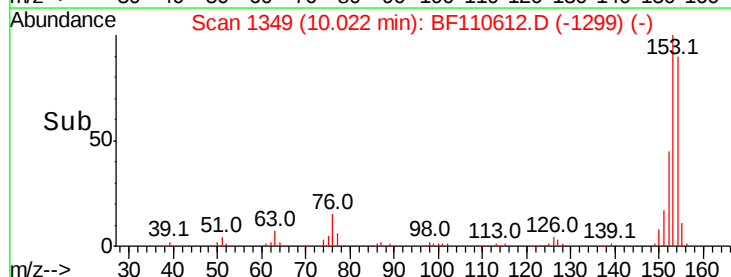
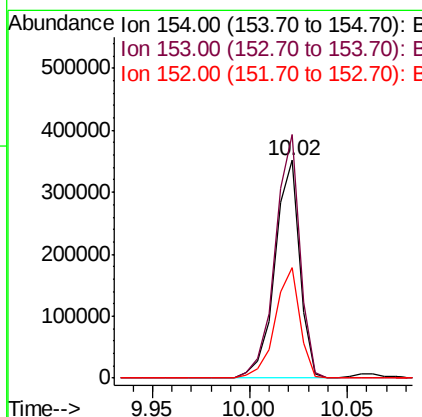
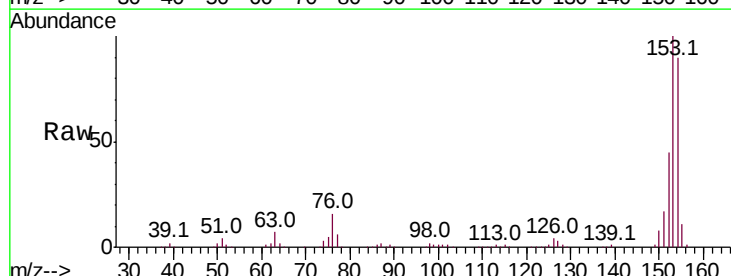
Manual Integrations
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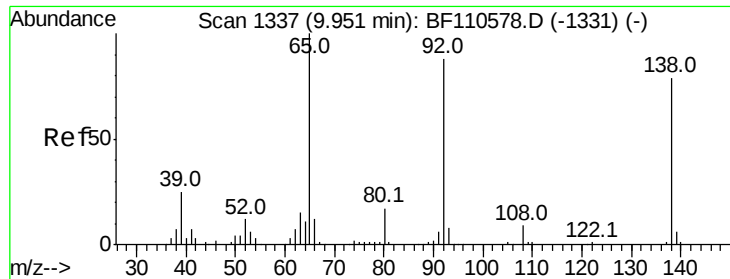
Sohil
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#52
 Acenaphthene
 Concen: 41.248 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. -0.01 min
 Lab File: BF110612.D
 Acq: 9 Nov 2018 4:32

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	111.7	90.1	135.1
152	50.6	43.4	65.2





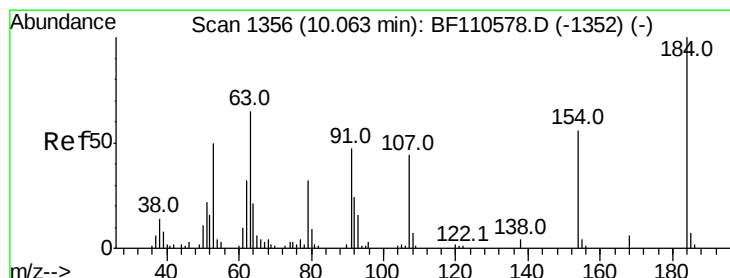
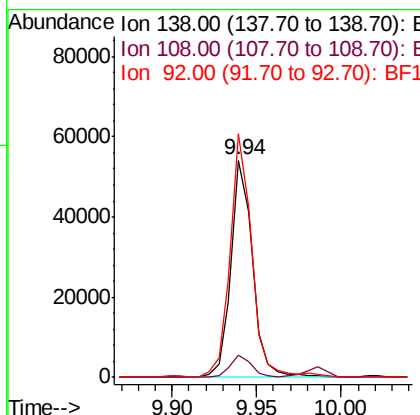
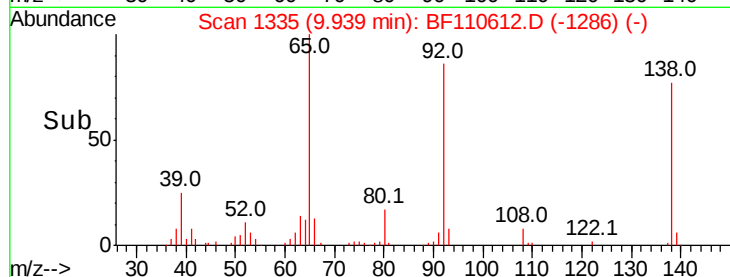
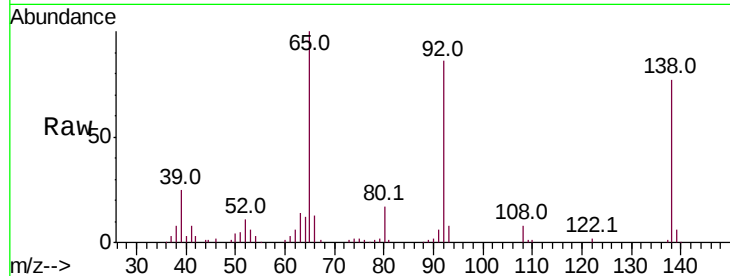
#53
 3-Nitroaniline
 Concen: 20.500 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF110612.D
 Acq: 9 Nov 2018 4:32

Instrument :
 BNA_F
 ClientSampleId :
 PB114627BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.7	13.1
92	112.3	97.0	145.4

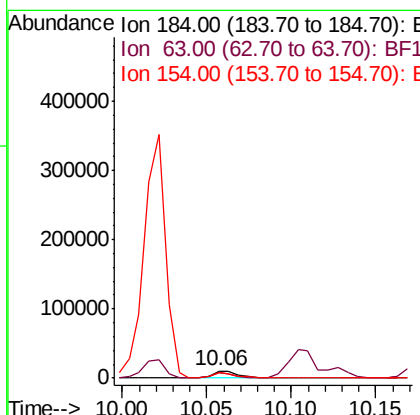
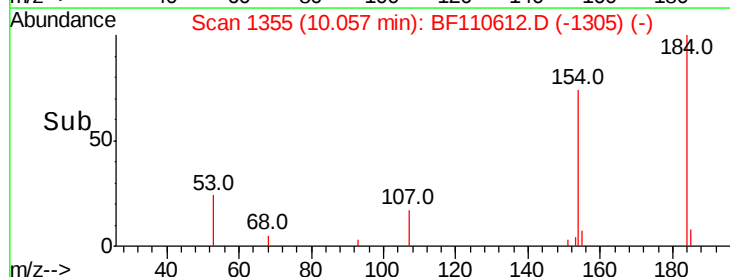
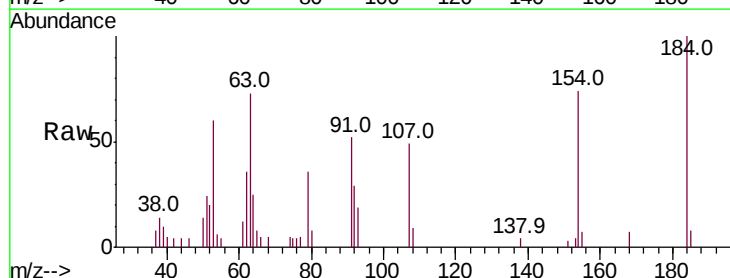
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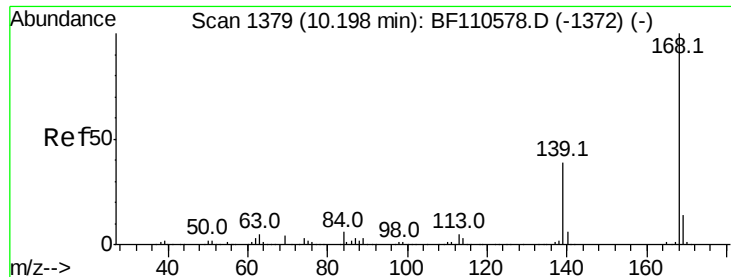
Sohil
 11/9/2018 4:26:25 PM



#54
 2,4-Dinitrophenol
 Concen: 19.274 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: BF110612.D
 Acq: 9 Nov 2018 4:32

Tgt Ion	Ratio	Lower	Upper
184	100		
63	72.6	55.8	83.6
154	73.5	63.2	94.8





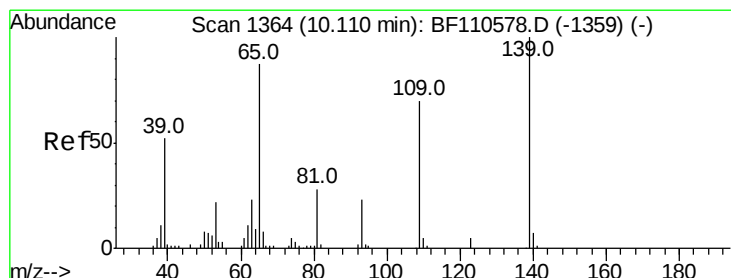
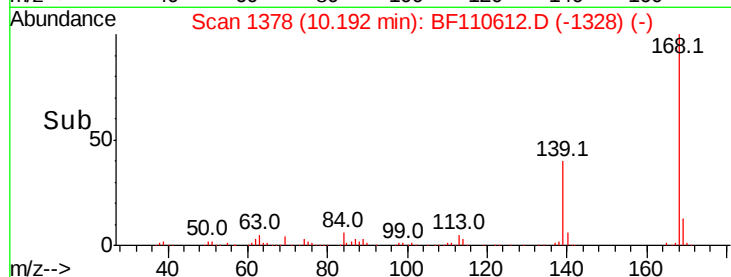
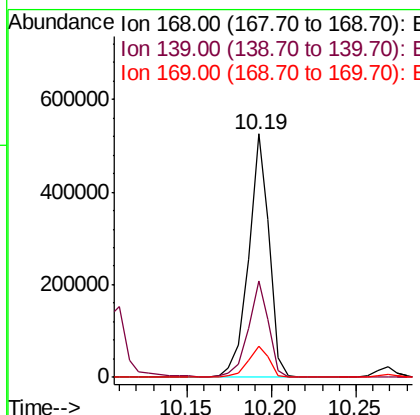
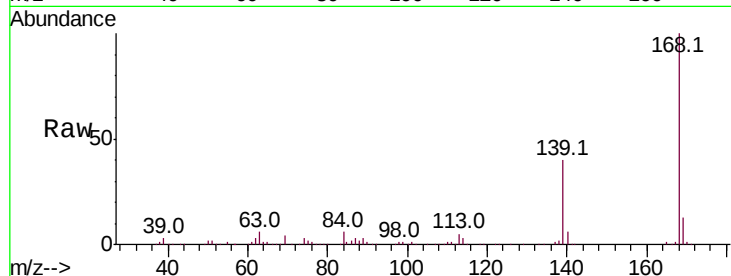
#55
Dibenzenofuran
Concen: 40.552 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Instrument :
BNA_F
ClientSampleId :
PB114627BSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100	447293		
139	39.9	33.0	49.6	
169	12.7	11.3	16.9	

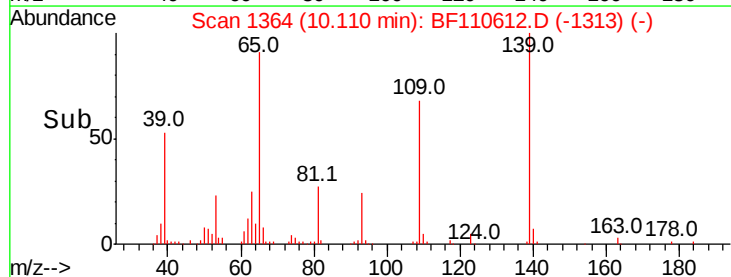
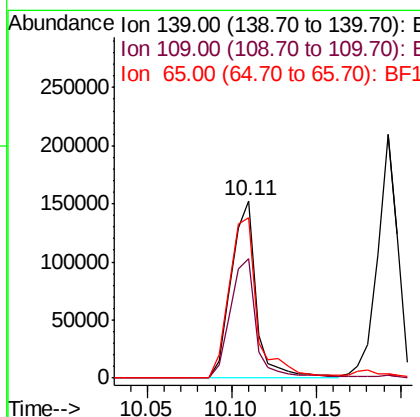
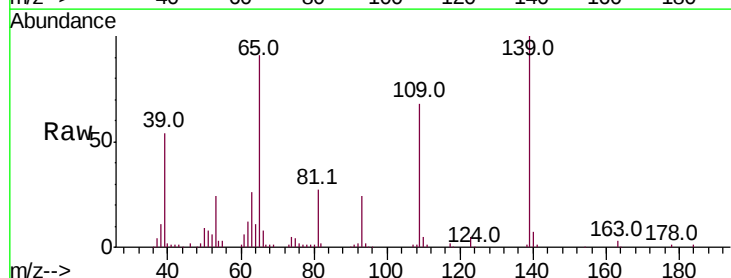
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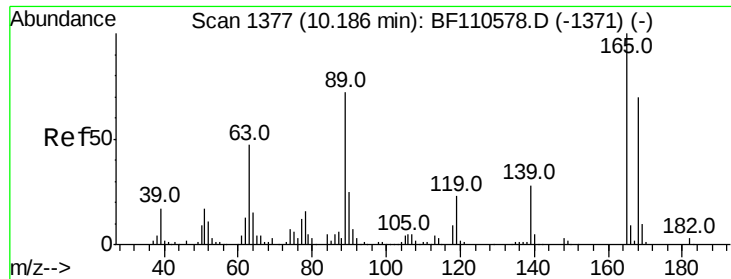
Sohil
11/9/2018 4:26:25 PM



#56
4-Nitrophenol
Concen: 100.961 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	156998		
109	67.6	55.8	95.8	
65	90.5	77.9	117.9	





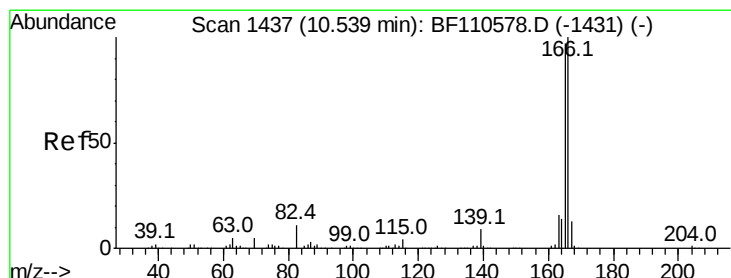
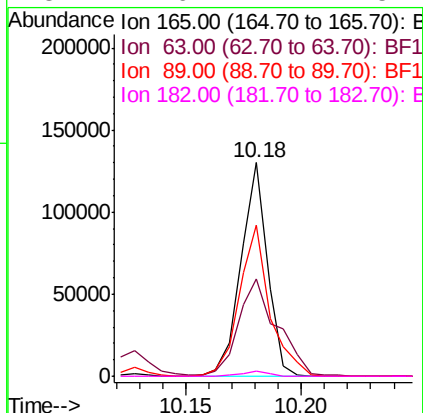
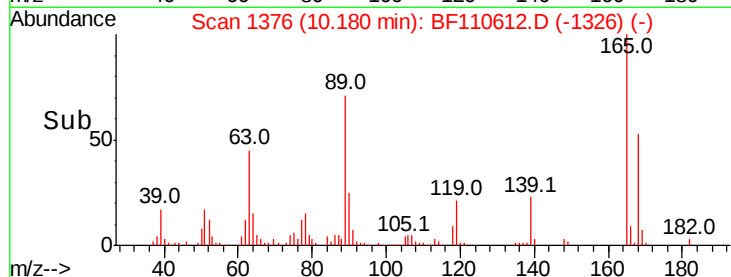
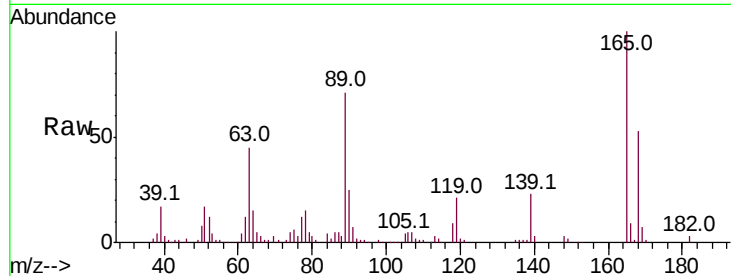
#57
2,4-Dinitrotoluene
Concen: 39.781 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Instrument :
BNA_F
ClientSampleId :
PB114627BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	45.4	44.8	67.2	
89	70.9	62.2	93.4	
182	2.6	2.1	3.1	

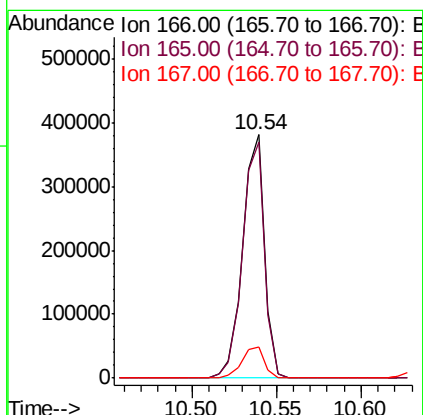
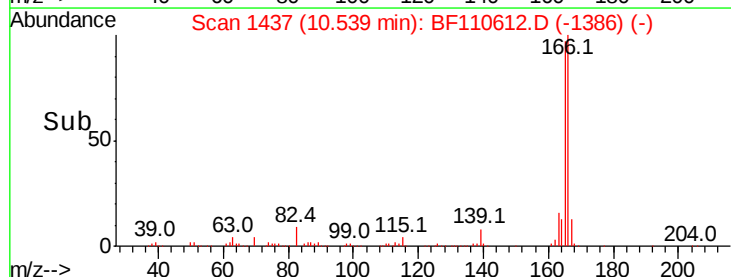
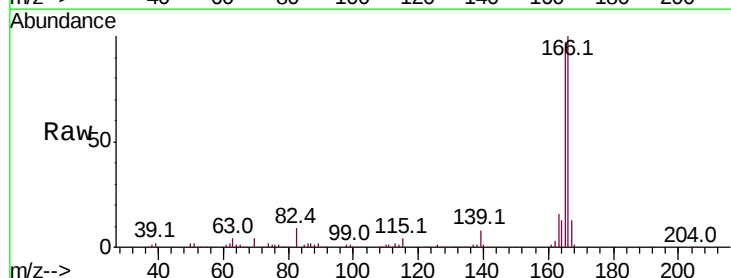
Manual Integrations
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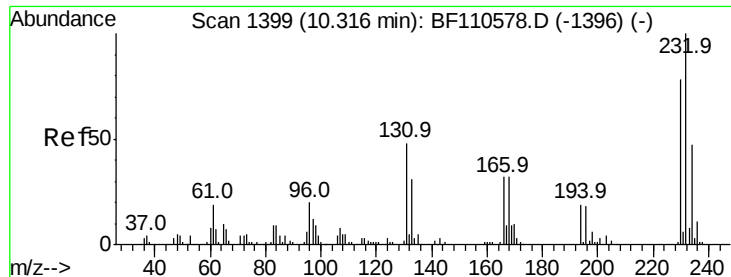
Sohil
11/9/2018 4:26:25 PM



#58
Fluorene
Concen: 40.671 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.0	78.6	117.8	
167	12.9	10.8	16.2	





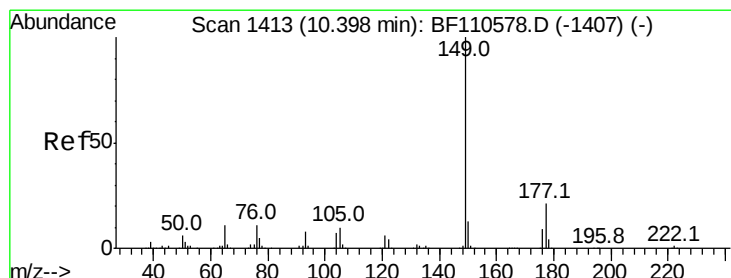
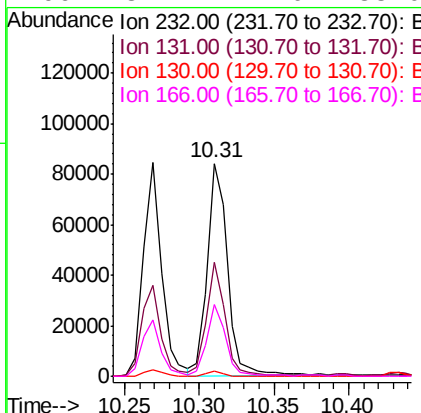
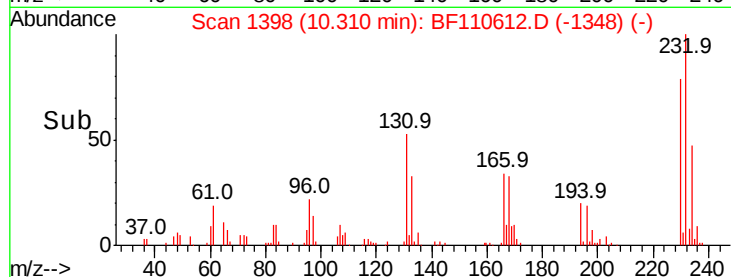
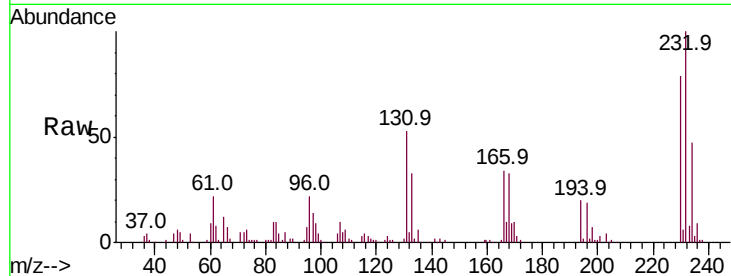
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.503 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF110612.D
 Acq: 9 Nov 2018 4:32

Instrument :
 BNA_F
 ClientSampleId :
 PB114627BSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.6	37.0	55.4
130	1.9	1.8	2.6
166	32.2	22.0	33.0

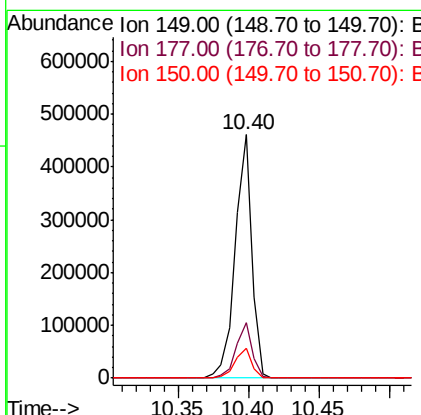
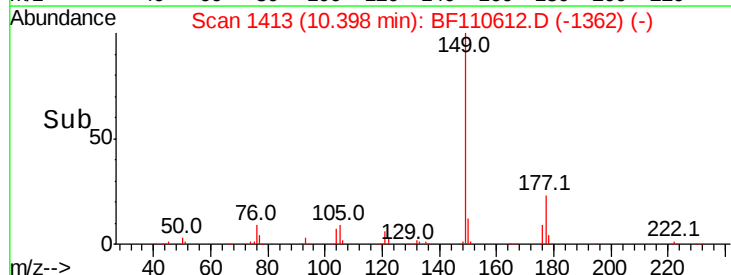
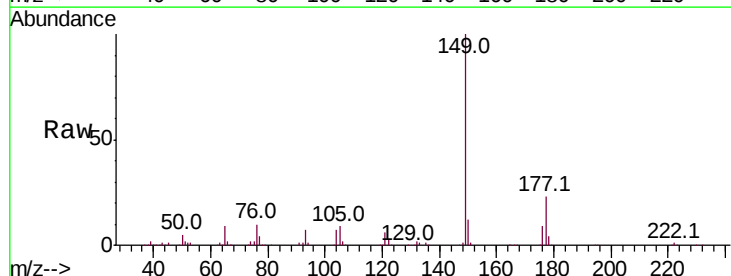
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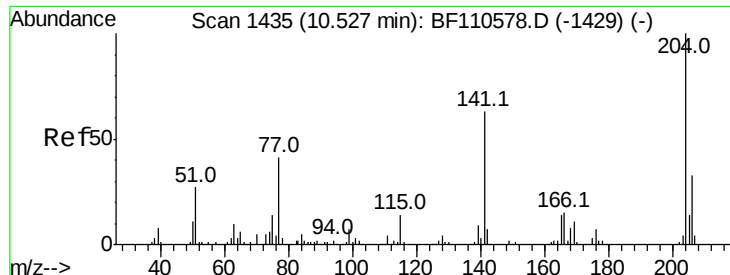
Sohil
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#60
 Diethylphthalate
 Concen: 41.539 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: BF110612.D
 Acq: 9 Nov 2018 4:32

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.8	17.4	26.2
150	12.1	9.8	14.8





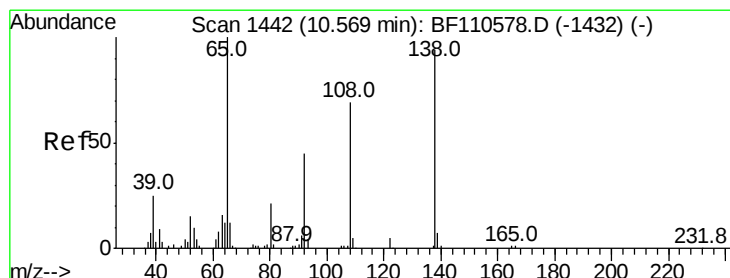
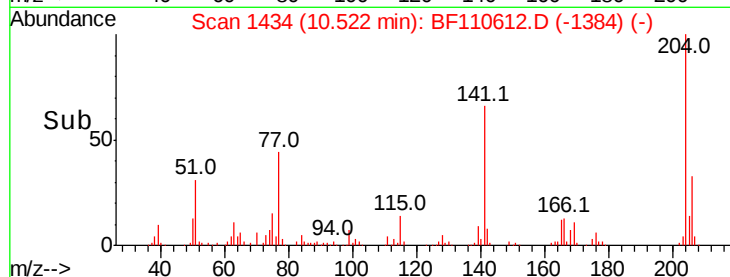
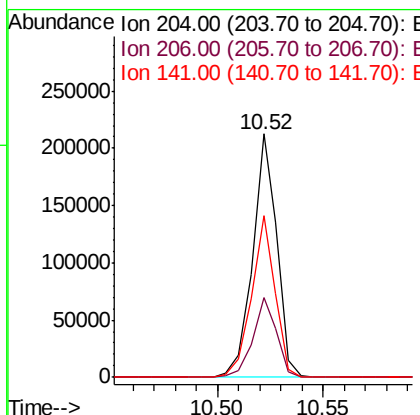
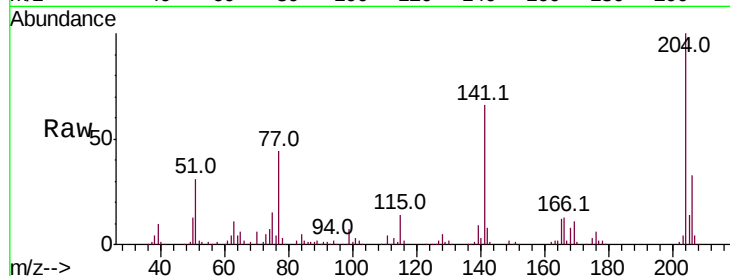
#61
4-Chlorophenyl-phenylether
Concen: 38.527 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Instrument :
BNA_F
ClientSampleID :
PB114627BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.5	39.7
141	66.5	51.8	77.8

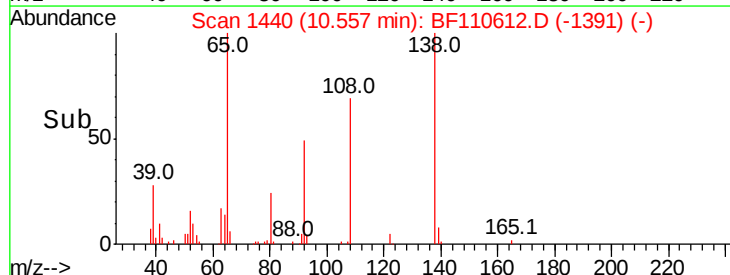
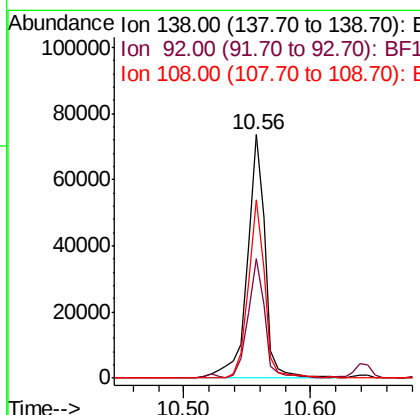
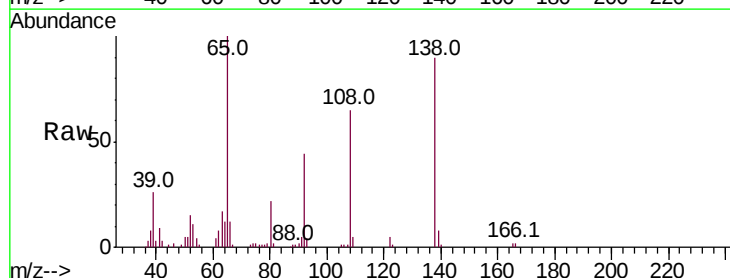
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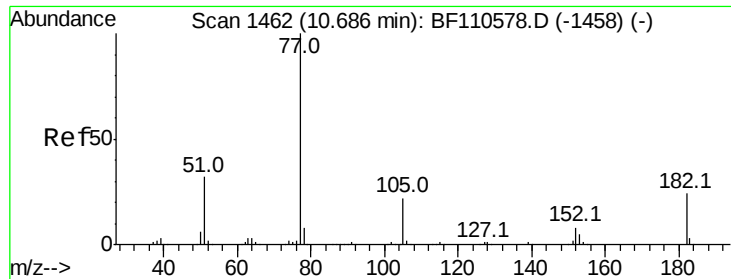
Sohil
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#62
4-Nitroaniline
Concen: 30.219 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.2	31.7	71.7
108	73.1	59.3	99.3





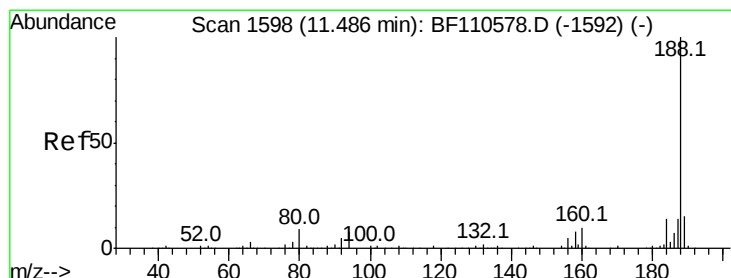
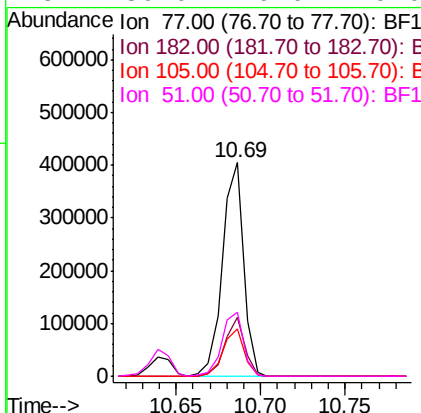
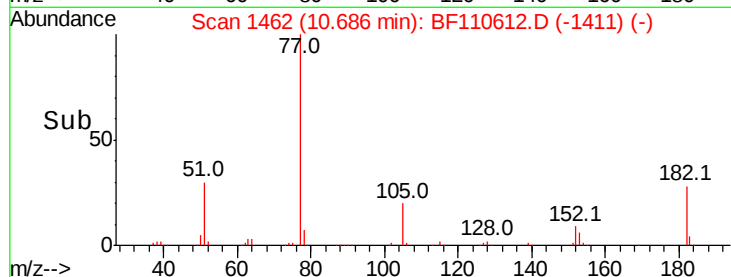
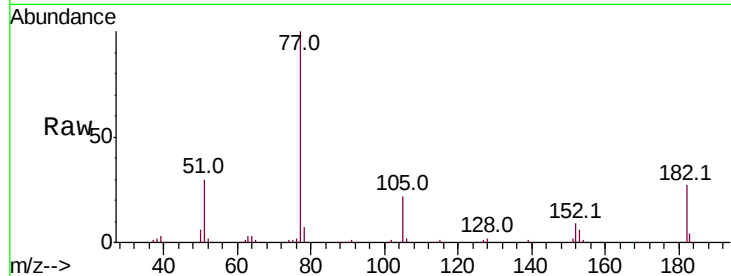
#63
Azobenzene
Concen: 39.805 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.00 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Instrument :
BNA_F
ClientSampleId :
PB114627BSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.4	4.3	44.3
105	22.2	1.3	41.3
51	30.0	9.0	49.0

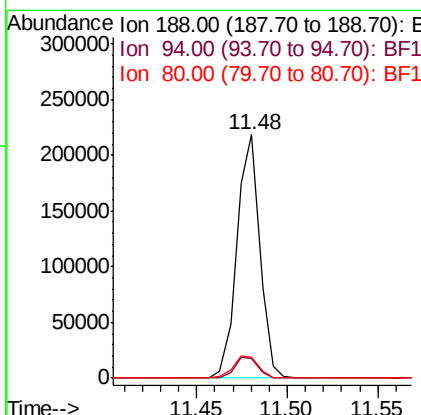
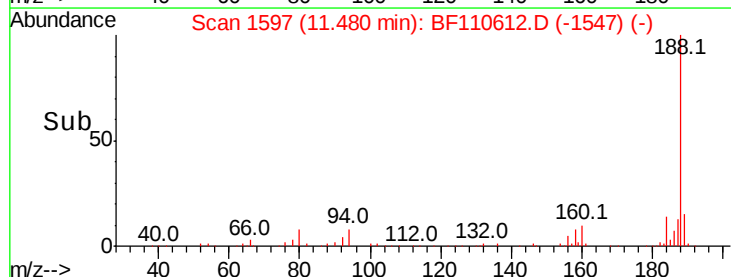
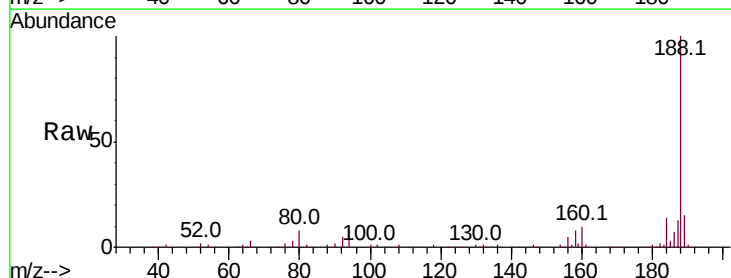
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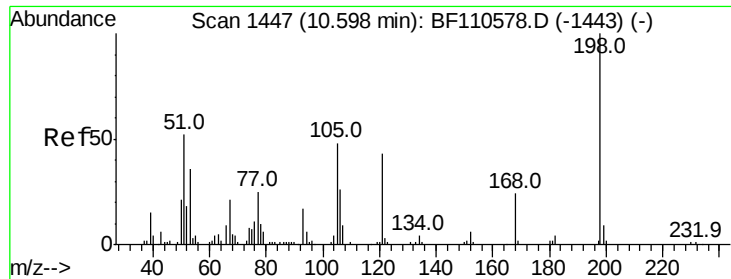
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	7.2	10.8
80	8.3	7.9	11.9





#65

4,6-Dinitro-2-methylphenol

Concen: 12.759 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BF110612.D

Acq: 9 Nov 2018 4:32

Instrument :

BNA_F

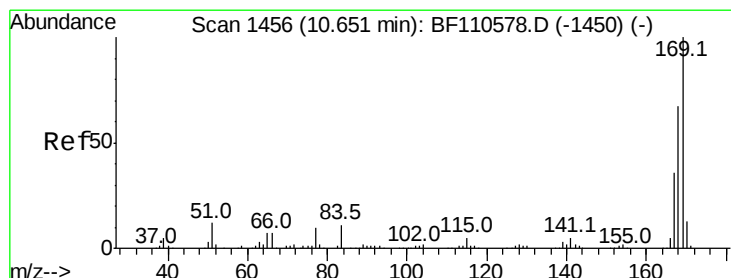
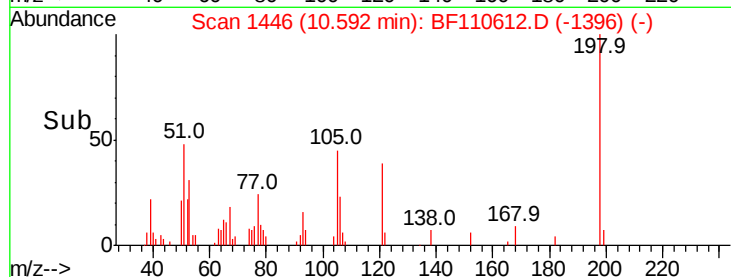
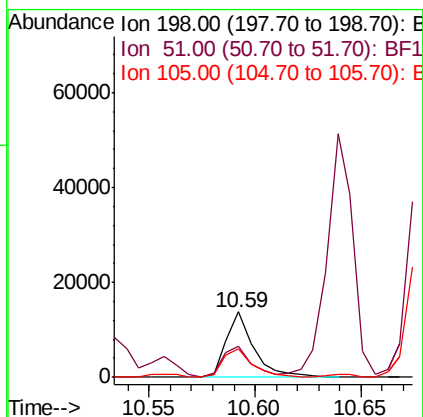
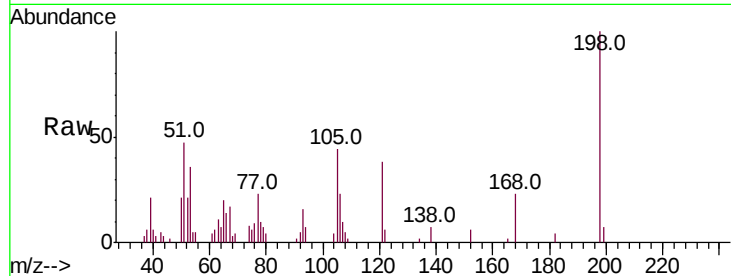
ClientSampleId :

PB114627BSD

Tot Ion:	198	Resp:	12357
Ion Ratio	Lower	Upper	
198	100		
51	47.2	22.8	62.8
105	43.5	23.6	63.6

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#66

n-Nitrosodiphenylamine

Concen: 46.765 ng

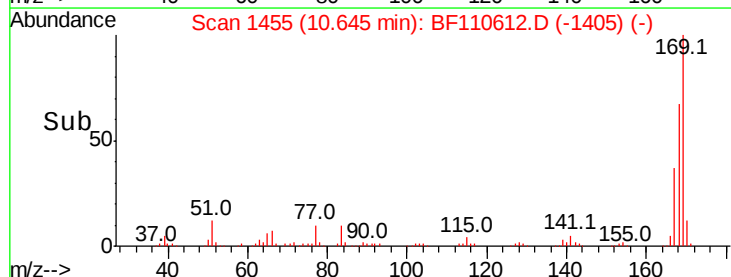
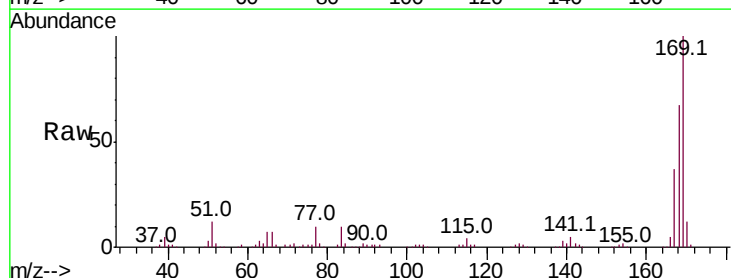
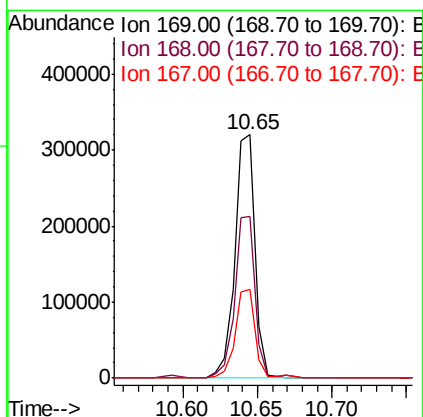
RT: 10.65 min Scan# 1455

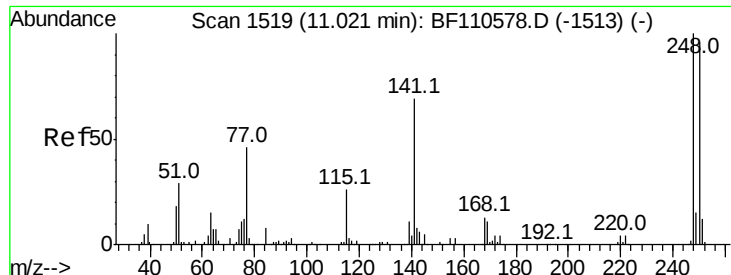
Delta R.T. -0.01 min

Lab File: BF110612.D

Acq: 9 Nov 2018 4:32

Tgt Ion:	169	Resp:	302905
Ion Ratio	Lower	Upper	
169	100		
168	66.6	51.2	76.8
167	36.5	27.8	41.6





#67

4-Bromophenyl-phenylether

Concen: 44.257 ng

RT: 11.02 min Scan# 1518

Delta R.T. -0.01 min

Lab File: BF110612.D

Acq: 9 Nov 2018 4:32

Instrument :

BNA_F

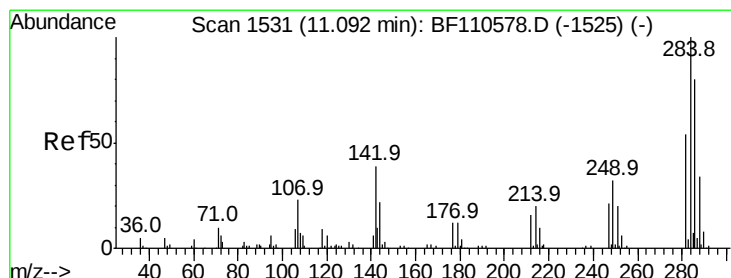
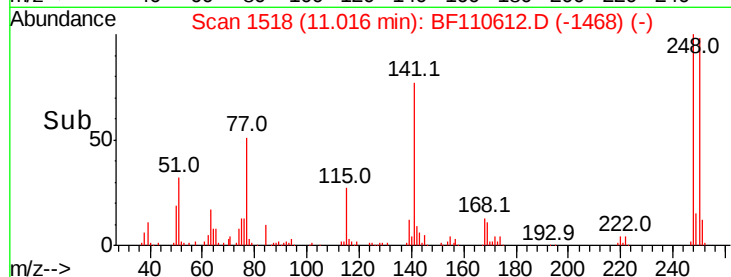
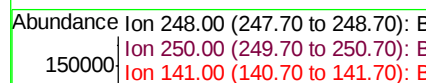
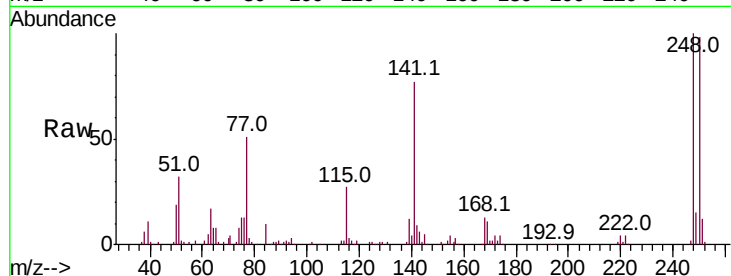
ClientSampleId :

PB114627BSD

Tot Ion:	248	Resp:	93992
Ion Ratio	Lower	Upper	
248	100		
250	98.3	79.4	119.2
141	77.1	55.9	83.9

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#68

Hexachlorobenzene

Concen: 41.305 ng

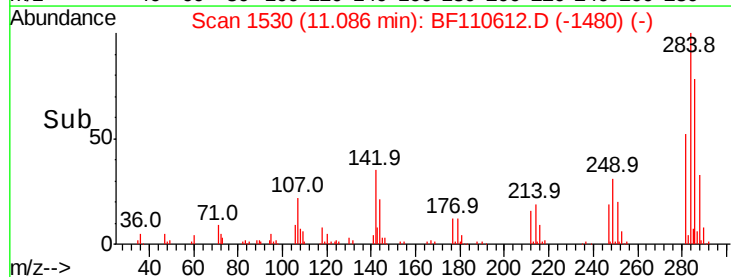
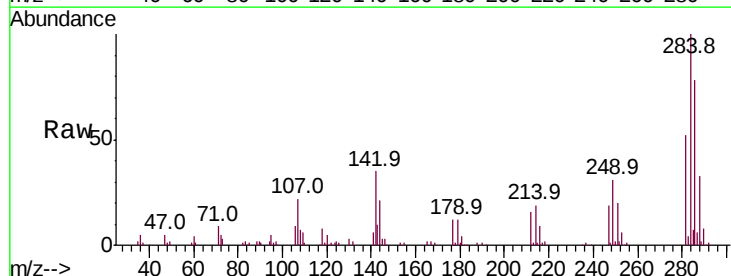
RT: 11.09 min Scan# 1530

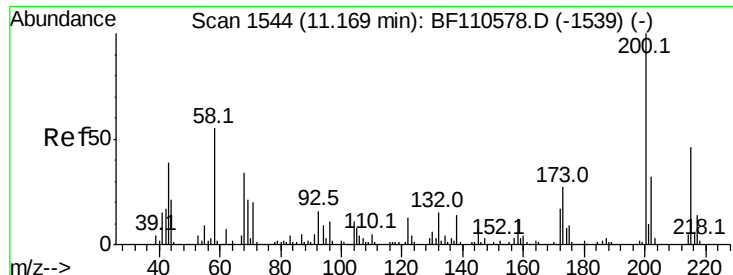
Delta R.T. -0.01 min

Lab File: BF110612.D

Acq: 9 Nov 2018 4:32

Tgt Ion:	284	Resp:	92487
Ion Ratio	Lower	Upper	
284	100		
142	35.3	23.9	35.9
249	31.4	24.2	36.2





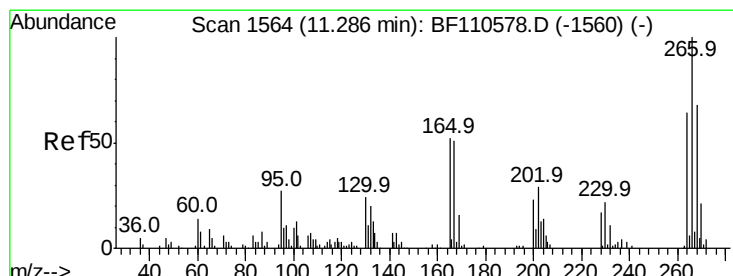
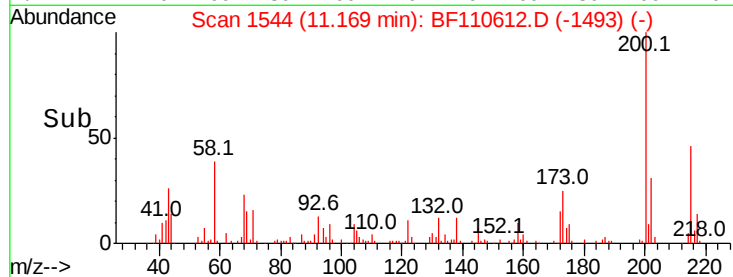
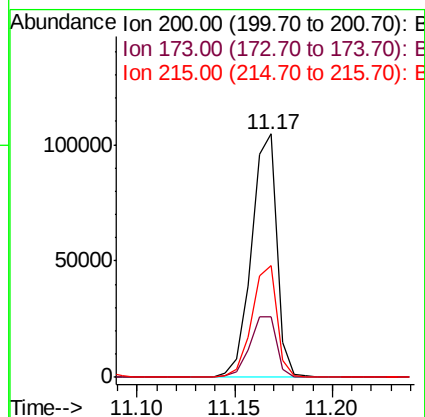
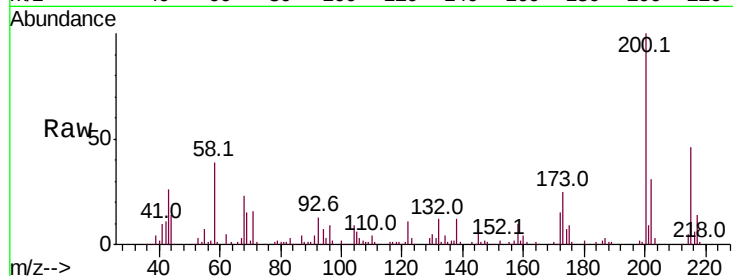
#69
 Atrazine
 Concen: 47.561 ng
 RT: 11.17 min Scan# 1544
 Delta R.T. 0.00 min
 Lab File: BF110612.D
 Acq: 9 Nov 2018 4:32

Instrument :
 BNA_F
 ClientSampleId :
 PB114627BSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.7	6.6	46.6
215	45.9	26.3	66.3

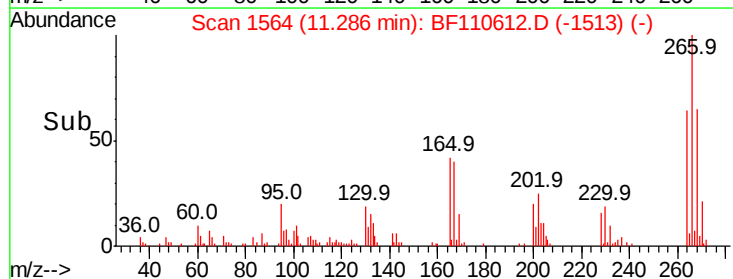
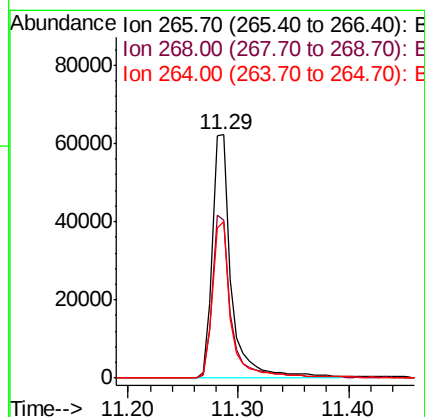
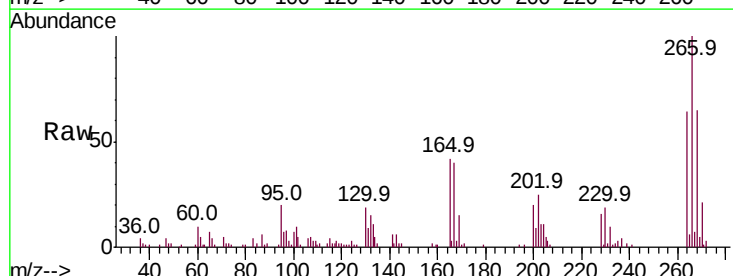
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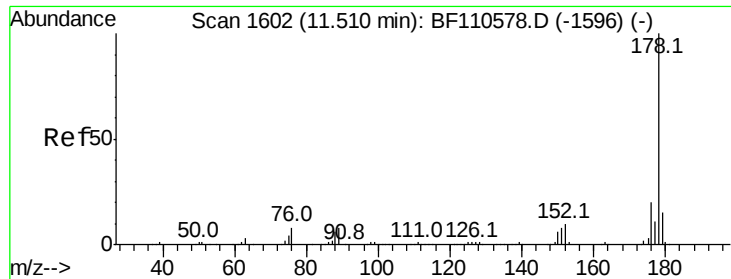
Sohil
 11/9/2018 4:26:25 PM



#70
 Pentachlorophenol
 Concen: 61.503 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. 0.00 min
 Lab File: BF110612.D
 Acq: 9 Nov 2018 4:32

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.9	50.6	75.8
264	64.3	50.6	75.8





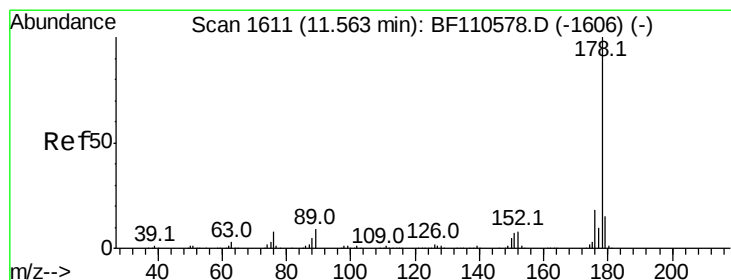
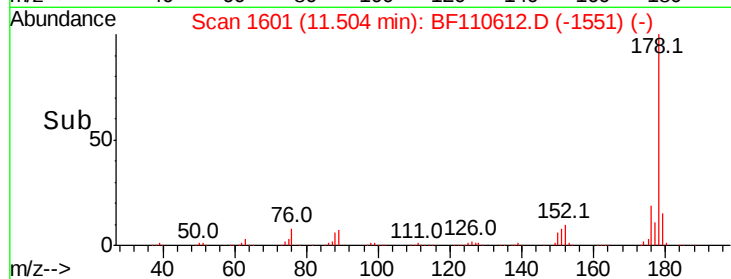
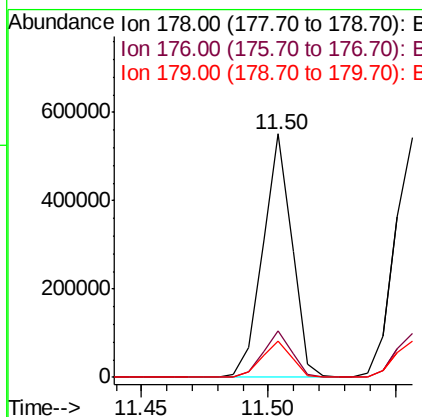
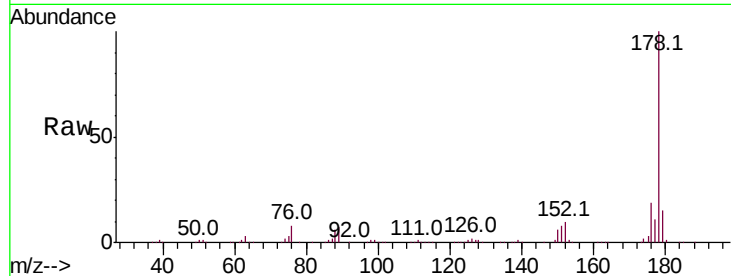
#71
Phenanthrene
Concen: 43.145 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Instrument :
BNA_F
ClientSampleId :
PB114627BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.5	23.3
179	15.0	12.5	18.7

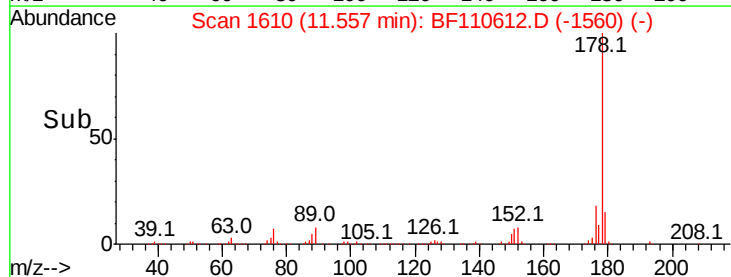
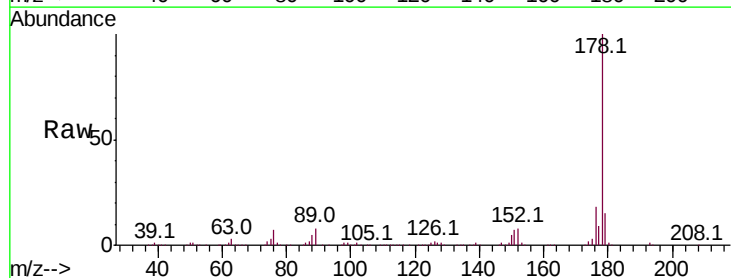
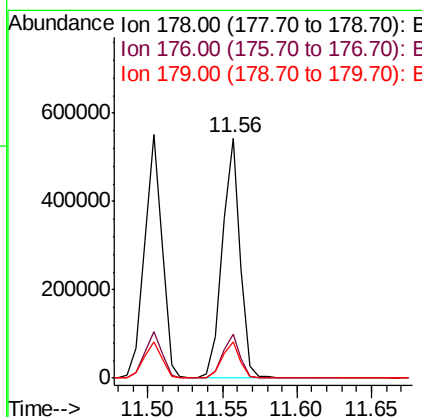
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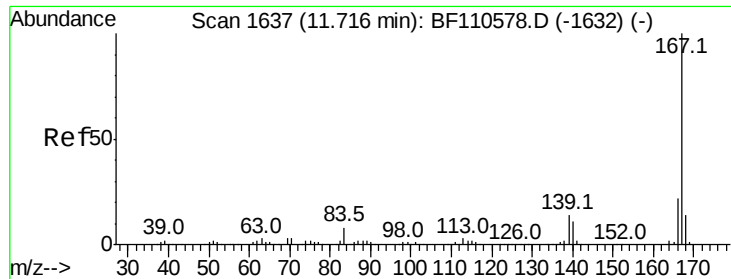
Sohil
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#72
Anthracene
Concen: 44.140 ng
RT: 11.56 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.4	23.2
179	15.3	12.6	18.8





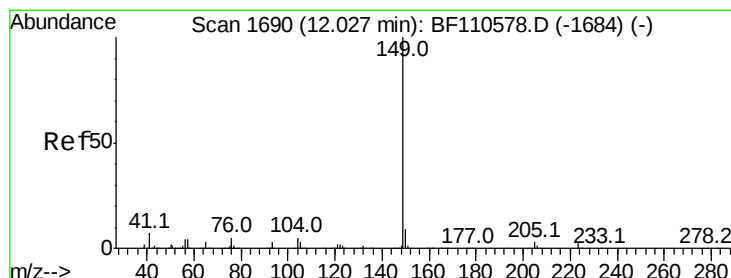
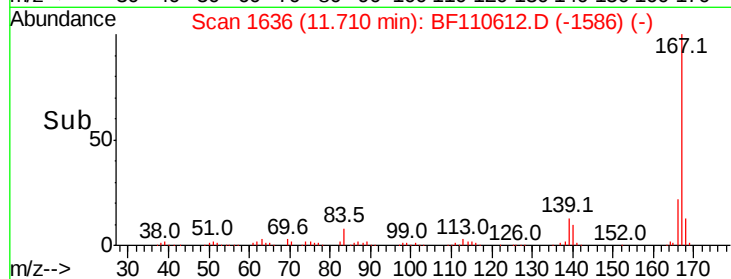
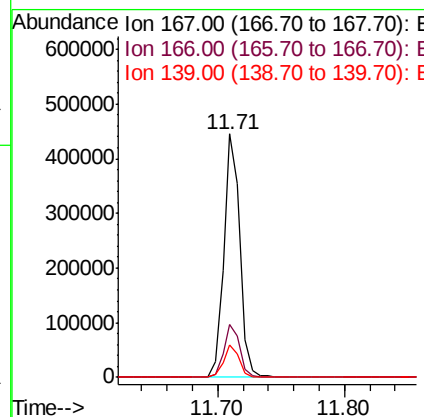
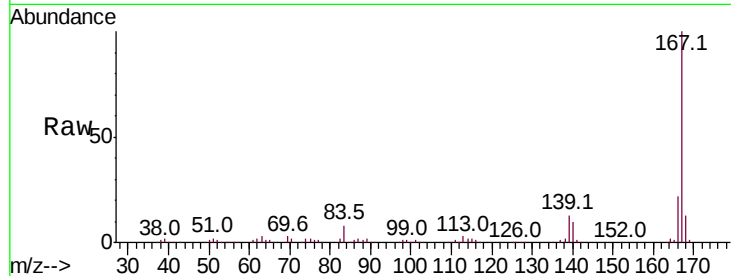
#73
 Carbazole
 Concen: 39.536 ng
 RT: 11.71 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BF110612.D
 Acq: 9 Nov 2018 4:32

Instrument :
 BNA_F
 ClientSampleId :
 PB114627BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.4	26.0
139	13.2	10.9	16.3

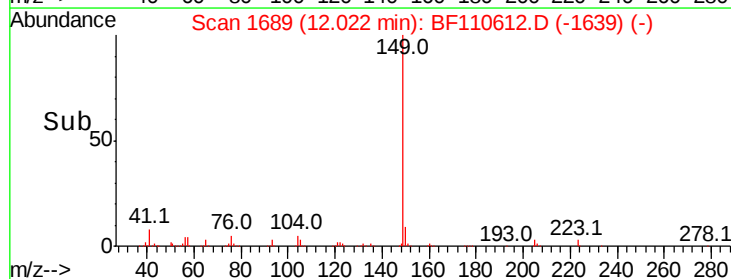
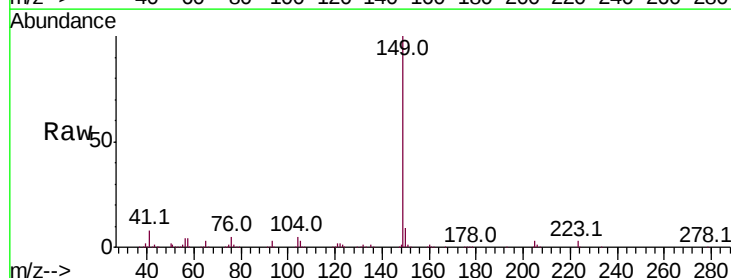
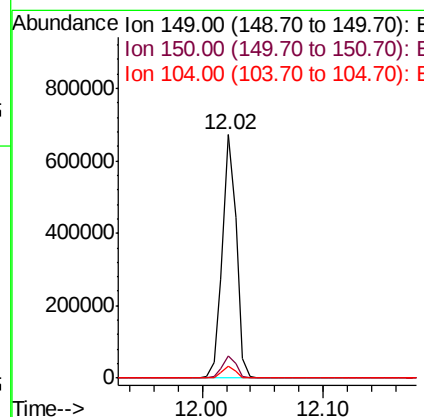
Manual Integrations
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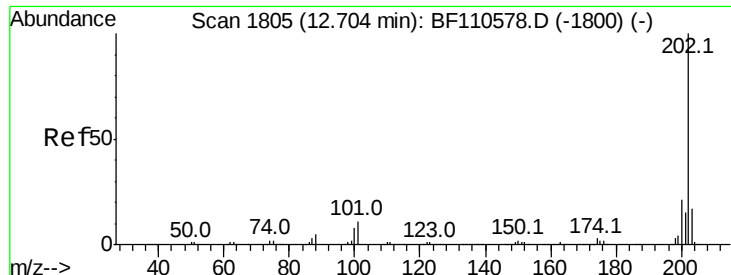
Sohil
 11/9/2018 4:26:25 PM



#74
 Di-n-butylphthalate
 Concen: 45.237 ng
 RT: 12.02 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BF110612.D
 Acq: 9 Nov 2018 4:32

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.7	11.5
104	4.8	4.2	6.4





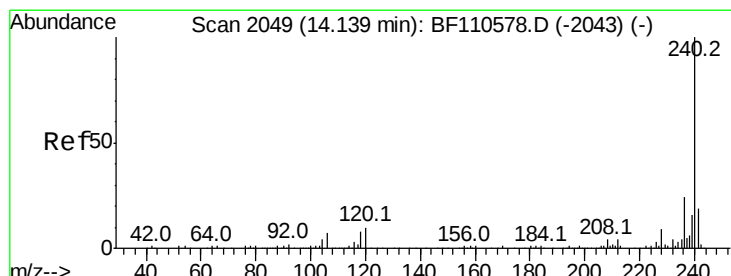
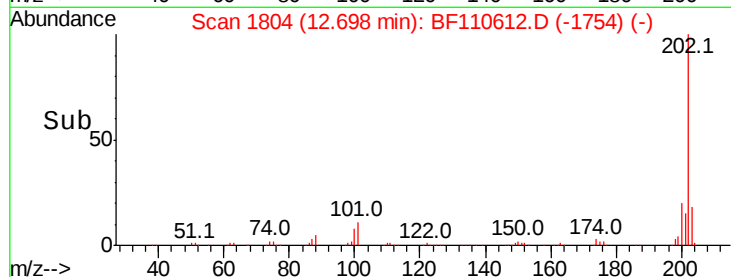
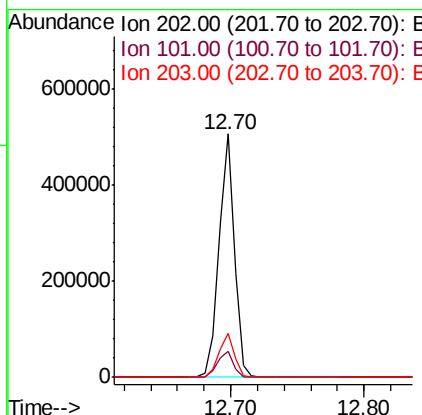
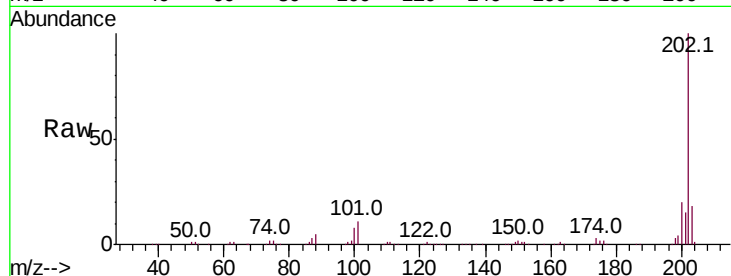
#75
 Fluoranthene
 Concen: 40.233 ng
 RT: 12.70 min Scan# 1804
 Delta R.T. -0.01 min
 Lab File: BF110612.D
 Acq: 9 Nov 2018 4:32

Instrument :
 BNA_F
 ClientSampleId :
 PB114627BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.9	0.0	31.4
203	18.0	0.0	37.7

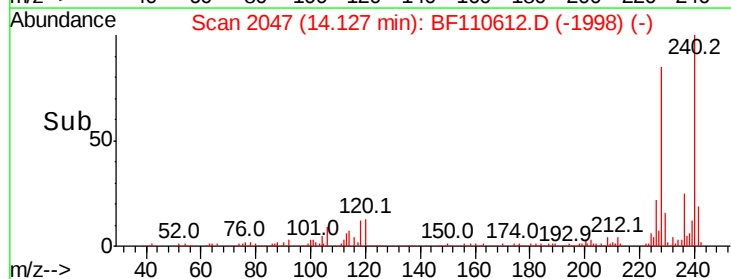
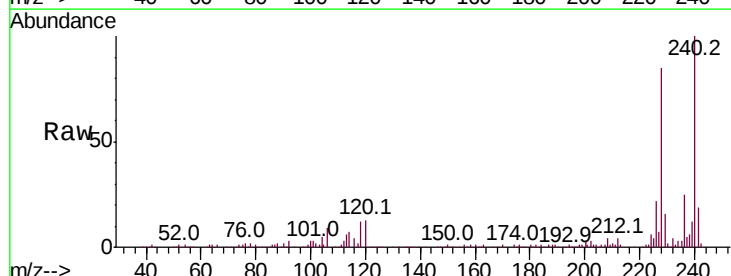
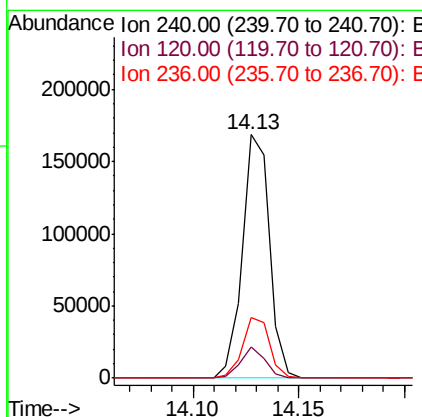
Manual Integrations
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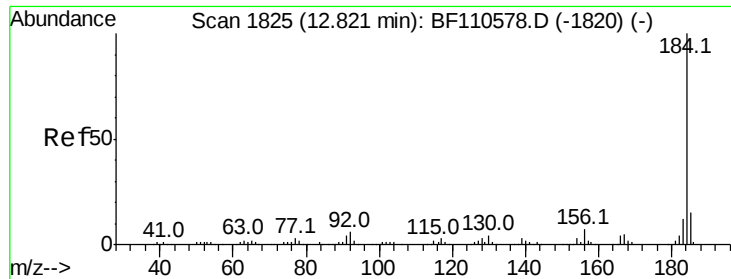
Sohil
 11/9/2018 4:26:25 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2047
 Delta R.T. -0.01 min
 Lab File: BF110612.D
 Acq: 9 Nov 2018 4:32

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.7	8.3	12.5#
236	24.9	21.2	31.8





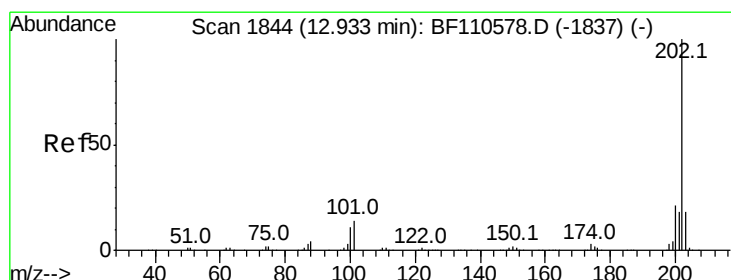
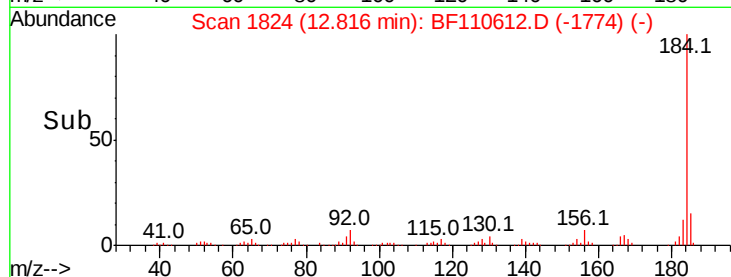
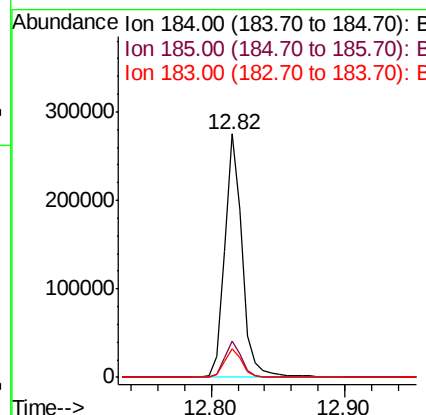
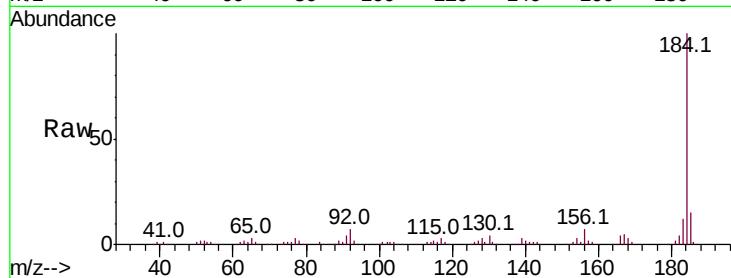
#77
Benzidine
Concen: 61.836 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Instrument :
BNA_F
ClientSampleId :
PB114627BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	254291		
185	14.9		13.4	20.2
183	11.8		9.4	14.2

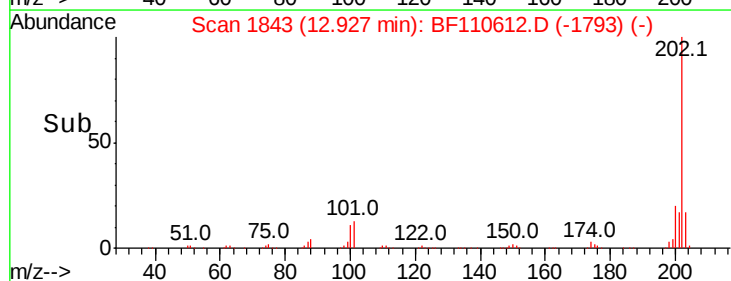
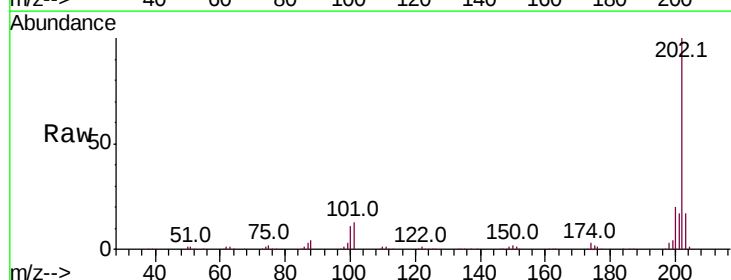
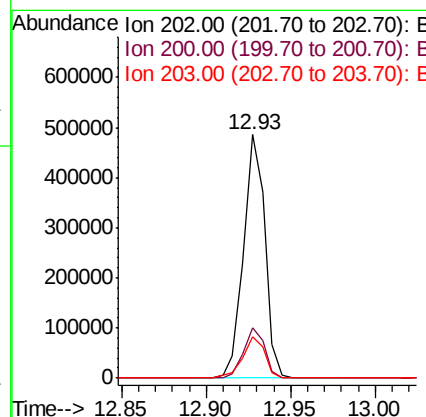
Manual Integrations
APPROVED

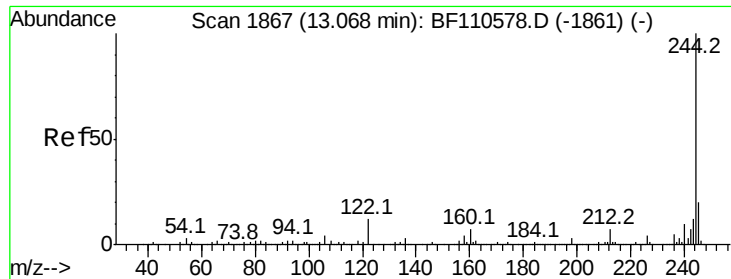
Sohil
11/9/2018 4:26:25 PM



#78
Pyrene
Concen: 37.183 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	428131		
200	20.5		17.8	26.6
203	17.1		14.2	21.4





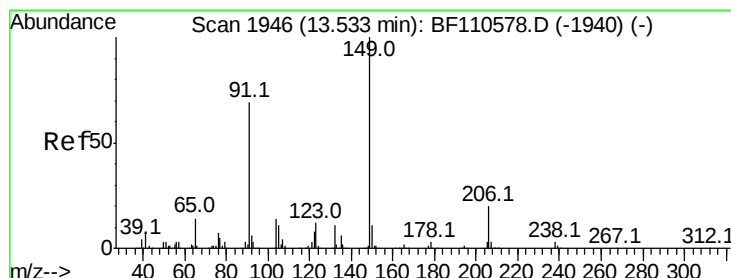
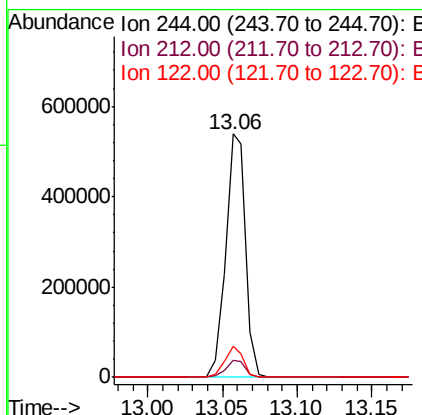
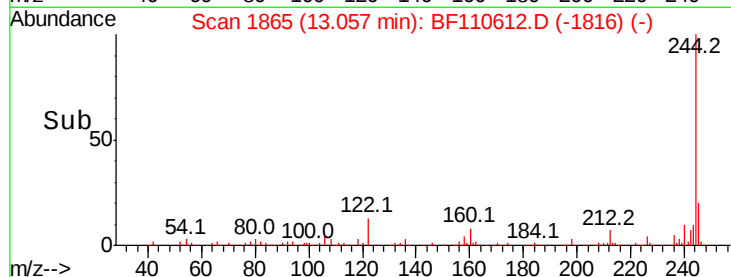
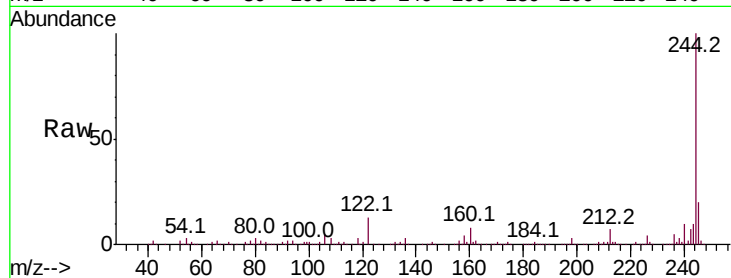
#79
 Terphenyl-d14
 Concen: 63.468 ng
 RT: 13.06 min Scan# 1865
 Delta R.T. -0.01 min
 Lab File: BF110612.D
 Acq: 9 Nov 2018 4:32

Instrument :
 BNA_F
 ClientSampleId :
 PB114627BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.9	5.8	8.8
122	12.9	8.7	13.1

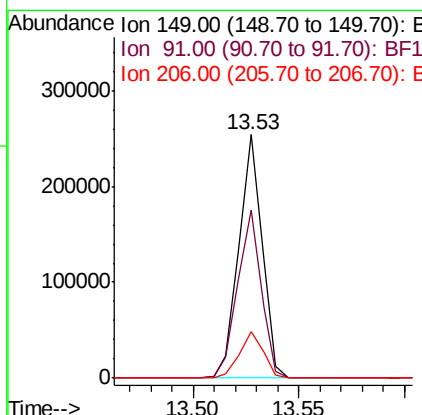
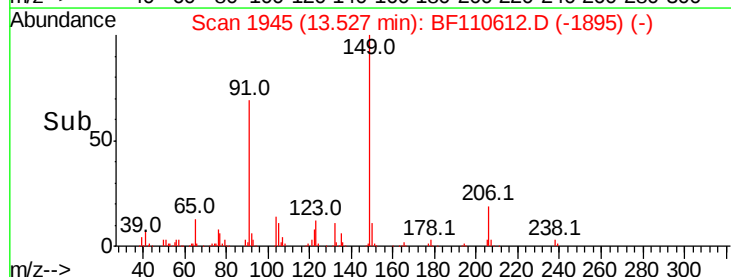
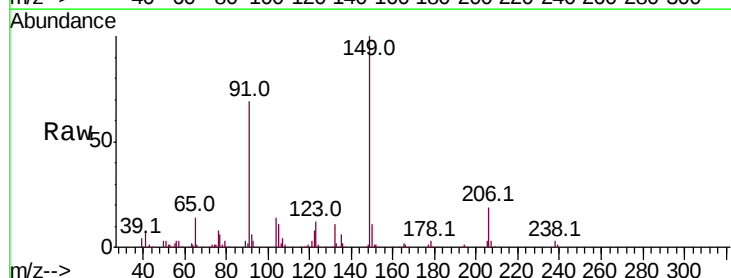
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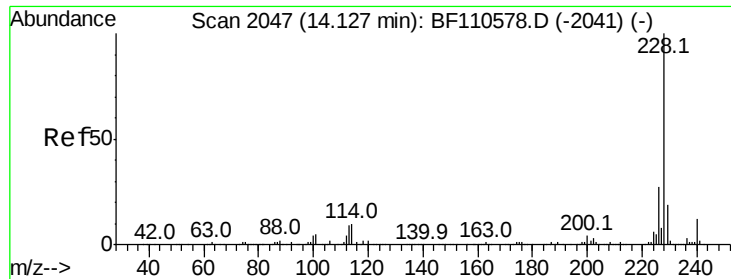
Sohil
 11/9/2018 4:26:25 PM



#80
 Butylbenzylphthalate
 Concen: 39.177 ng
 RT: 13.53 min Scan# 1945
 Delta R.T. -0.01 min
 Lab File: BF110612.D
 Acq: 9 Nov 2018 4:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	68.8	57.2	85.8
206	19.3	15.7	23.5





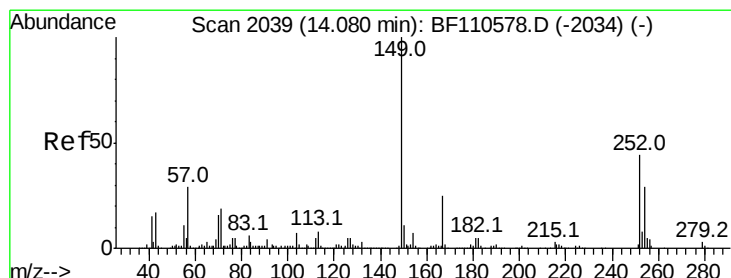
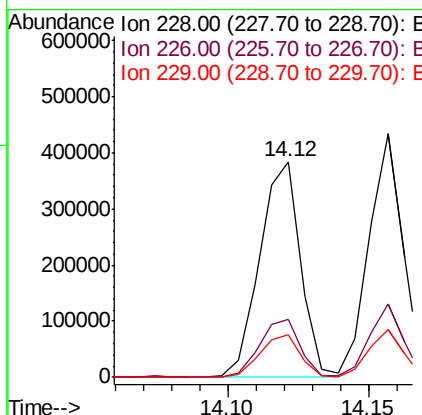
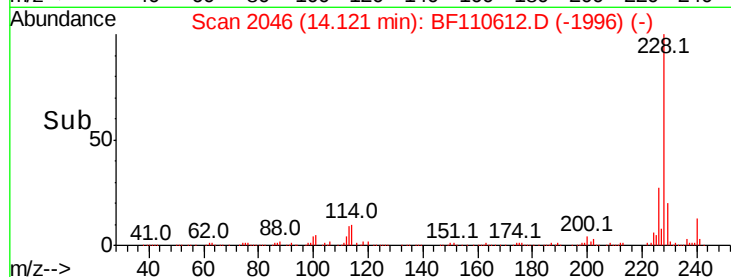
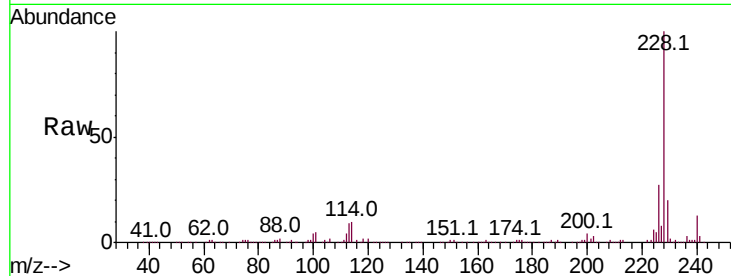
#81
Benzo(a)anthracene
Concen: 42.989 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Instrument :
BNA_F
ClientSampleId :
PB114627BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.1	33.1
229	19.7	15.6	23.4

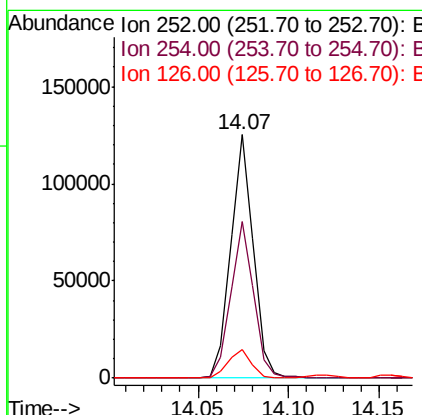
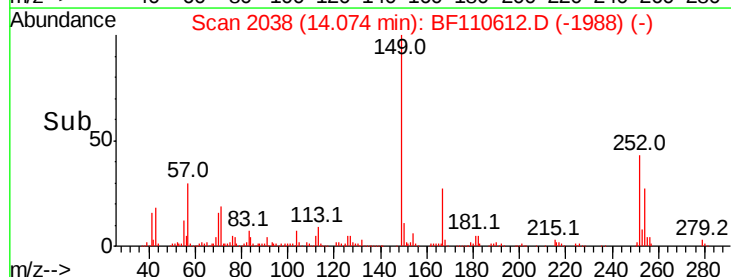
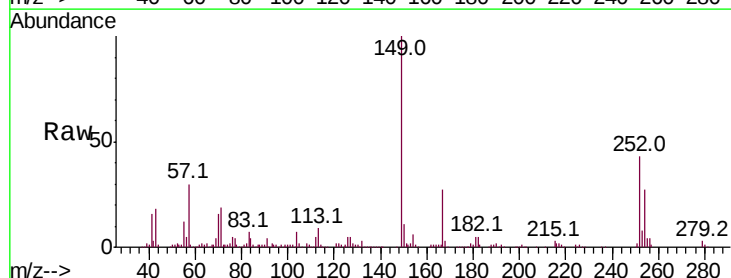
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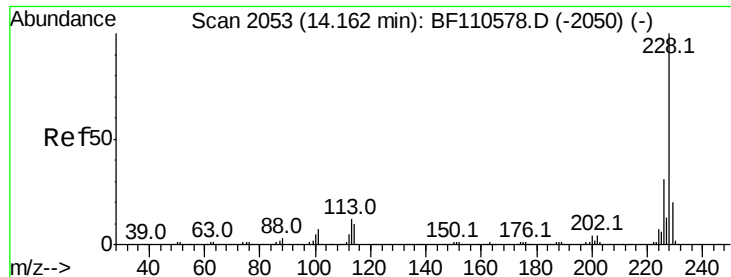
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 36.387 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.3	76.9
126	12.0	9.4	14.2





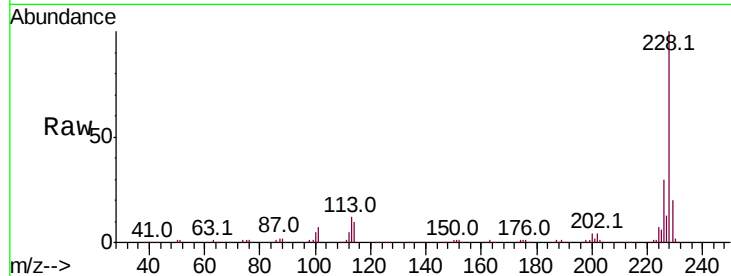
#83
Chrysene
Concen: 42.415 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Instrument :
BNA_F
ClientSampleId :
PB114627BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.2	24.7	37.1
229	19.8	15.9	23.9

Manual Integrations
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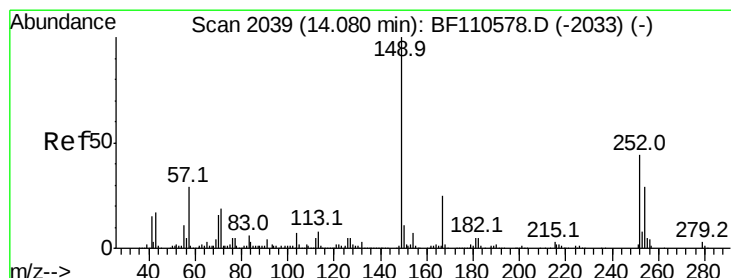
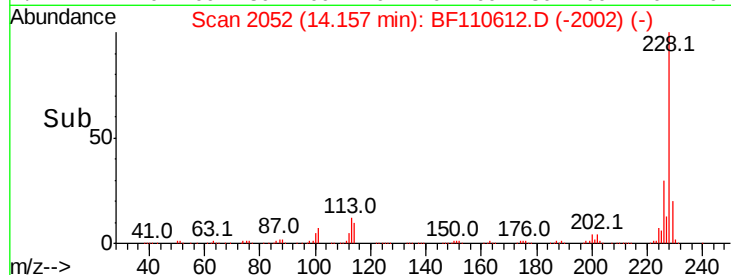
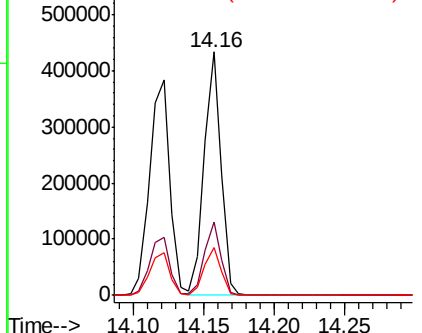


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.949 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

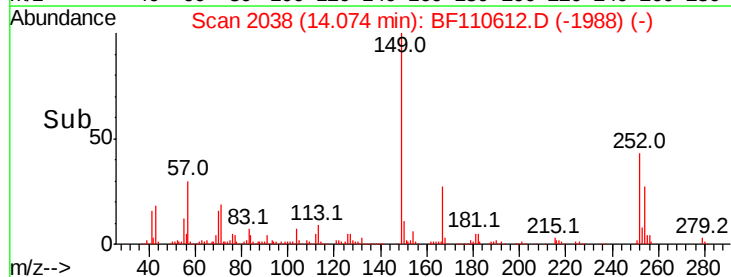
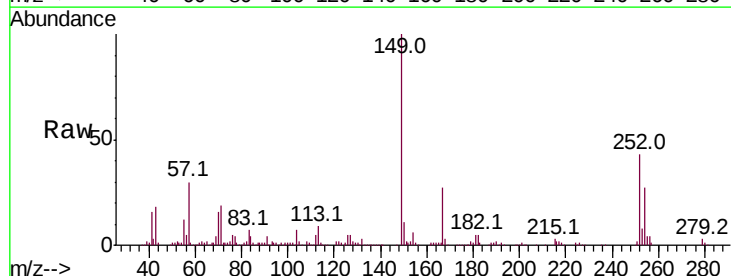
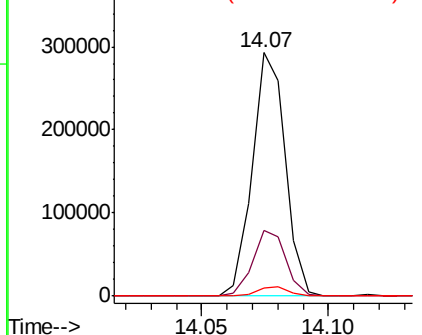
Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	26.8	19.8	29.8
279	3.2	2.7	4.1

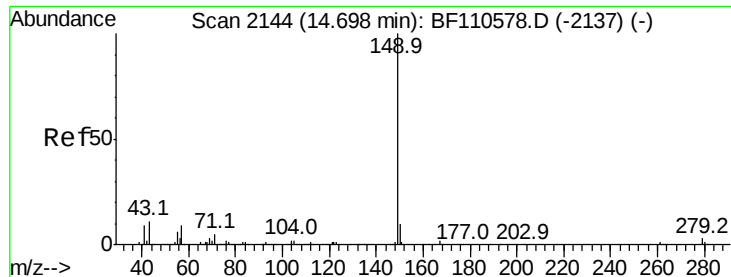
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 52.112 ng

RT: 14.69 min Scan# 2143

Delta R.T. -0.01 min

Lab File: BF110612.D

Acq: 9 Nov 2018 4:32

Instrument :

BNA_F

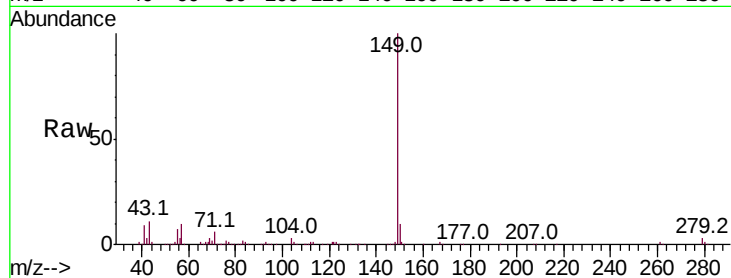
ClientSampleId :

PB114627BSD

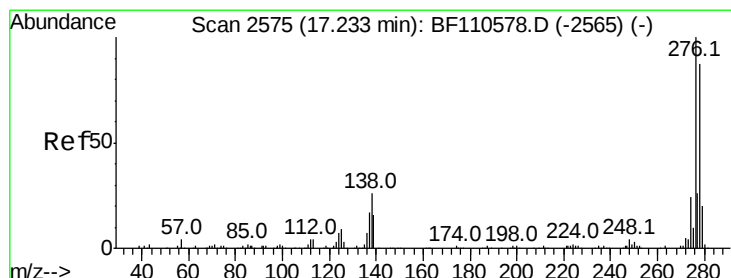
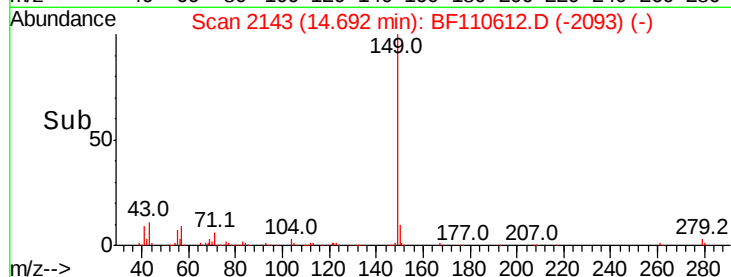
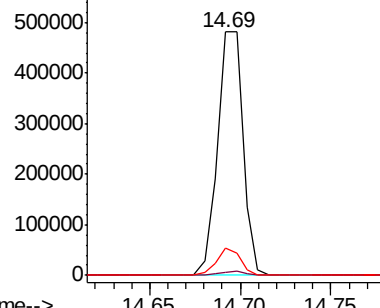
Tot Ion:	149	Resp:	471122
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.1	1.7
43	10.3	7.8	11.8

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
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: 42.616 ng

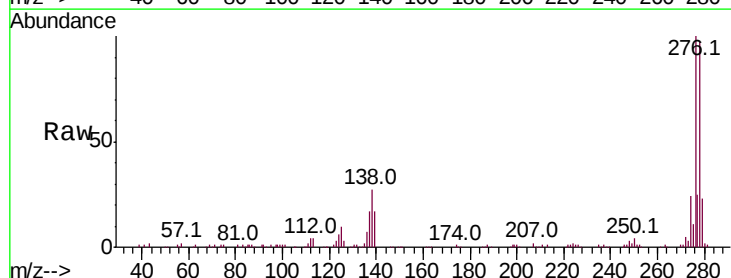
RT: 17.22 min Scan# 2573

Delta R.T. -0.01 min

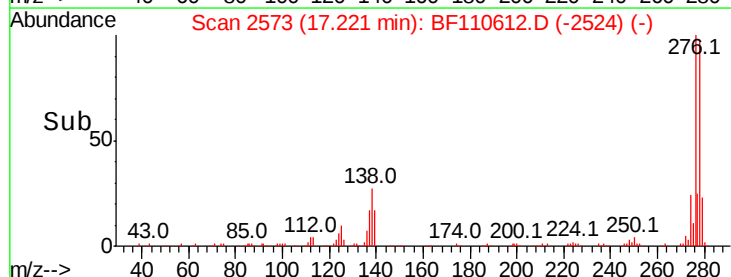
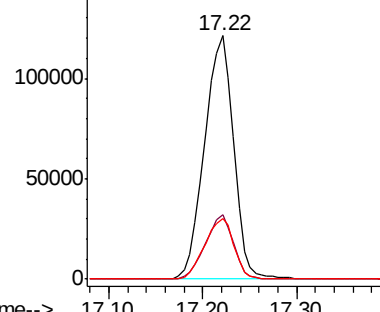
Lab File: BF110612.D

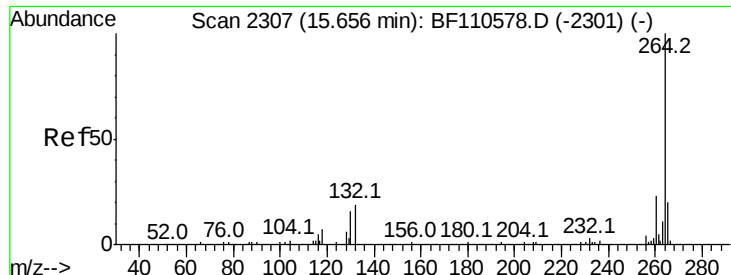
Acq: 9 Nov 2018 4:32

Tgt Ion:	276	Resp:	260405
Ion Ratio	Lower	Upper	
276	100		
138	25.6	18.5	27.7
277	25.0	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





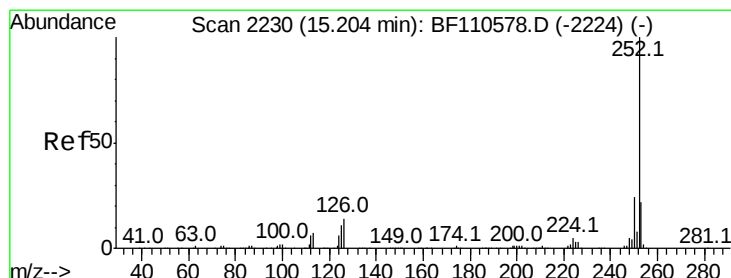
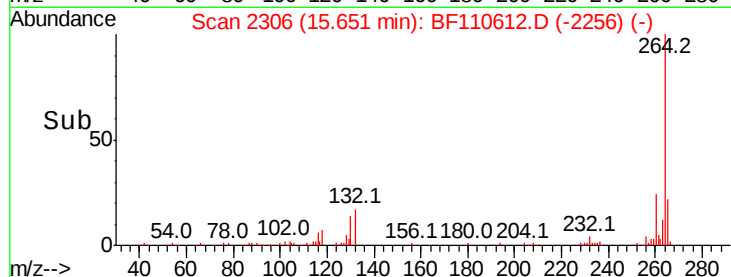
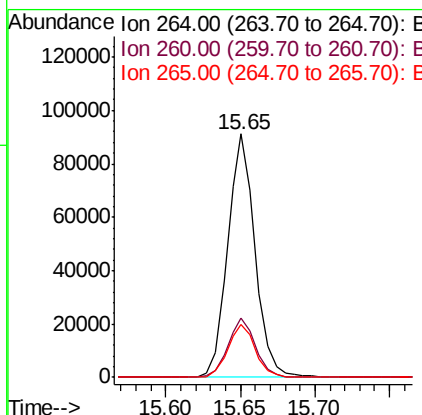
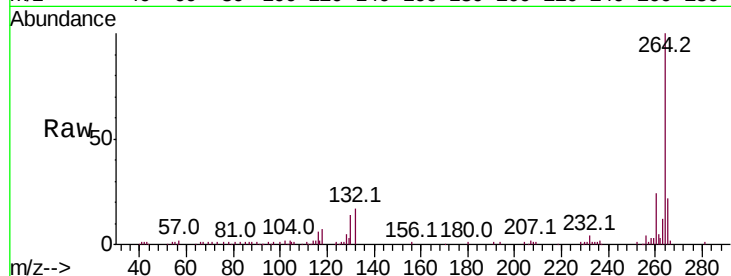
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.65 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Instrument :
BNA_F
ClientSampleId :
PB114627BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	21.6	16.7	25.1

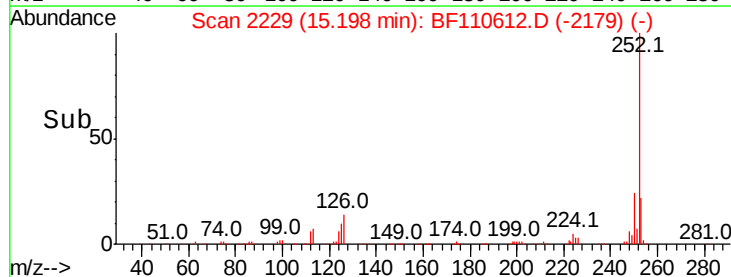
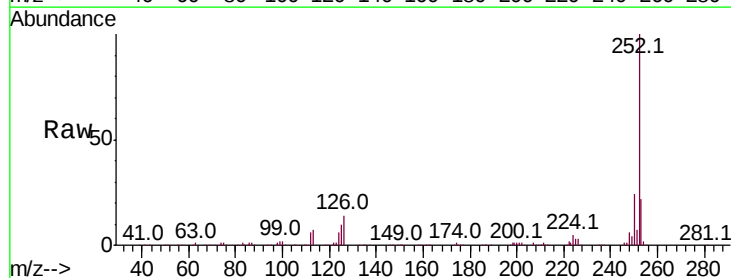
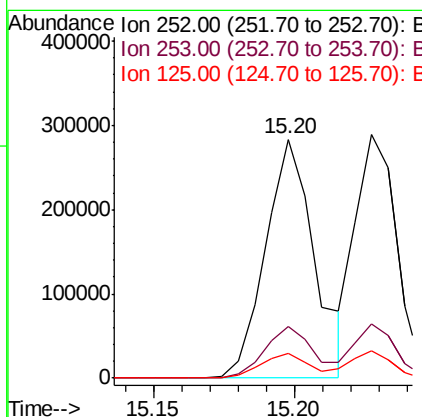
Manual Integrations
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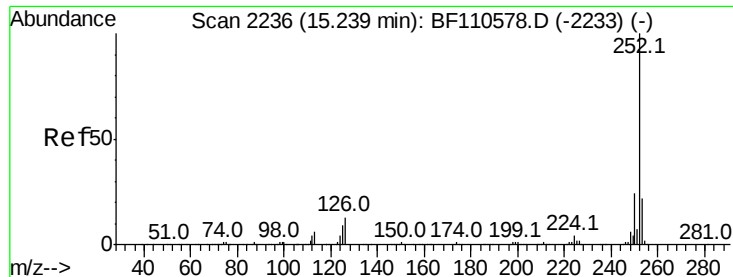
Sohil
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#88
Benzo(b)fluoranthene
Concen: 48.912 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	10.5	8.2	12.4





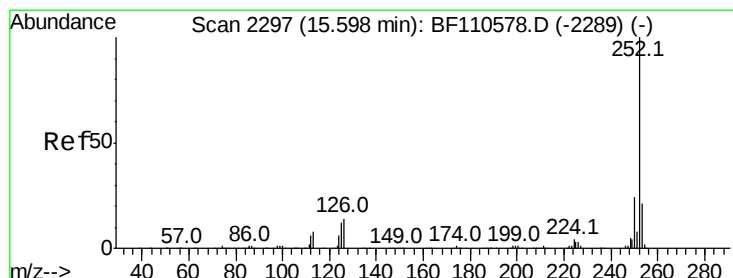
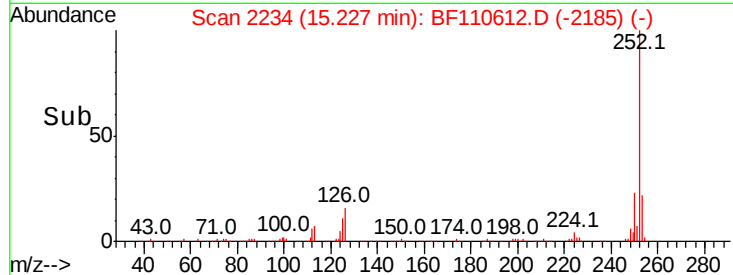
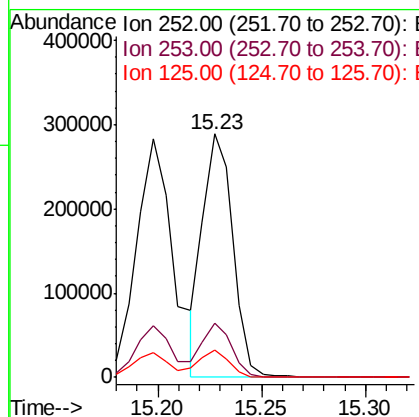
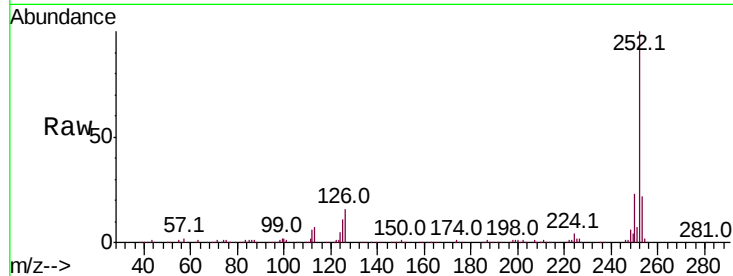
#89
Benzo(k)fluoranthene
Concen: 42.481 ng m
RT: 15.23 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Instrument :
BNA_F
ClientSampleId :
PB114627BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.3	17.2	25.8
125	11.0	7.4	11.0

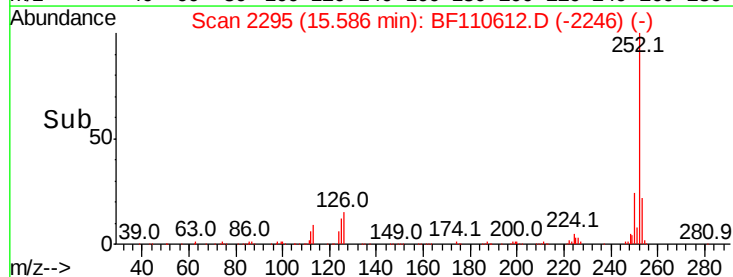
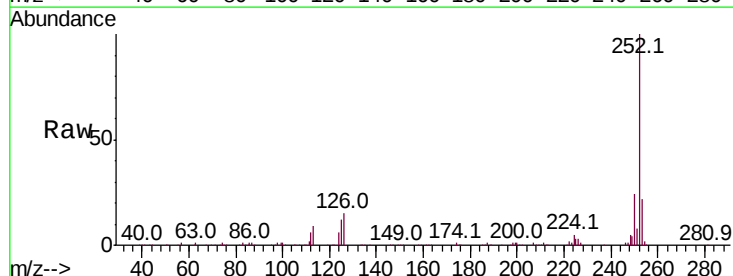
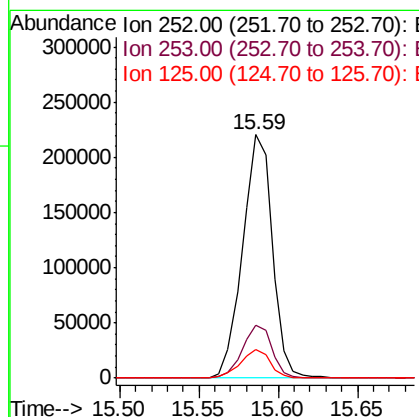
Manual Integrations
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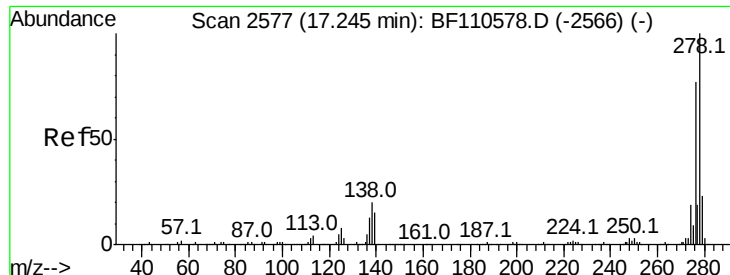
Sohil
11/9/2018 4:26:25 PM



#90
Benzo(a)pyrene
Concen: 45.222 ng
RT: 15.59 min Scan# 2295
Delta R.T. -0.01 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	21.7	18.2	27.4
125	12.0	9.0	13.6





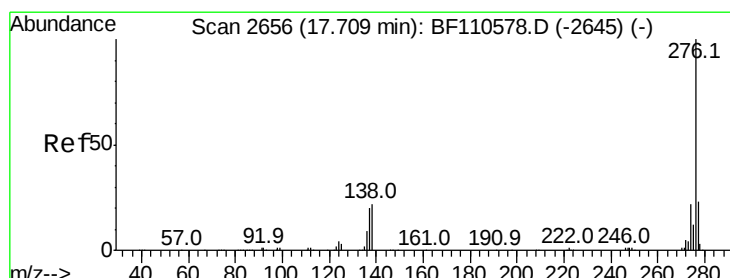
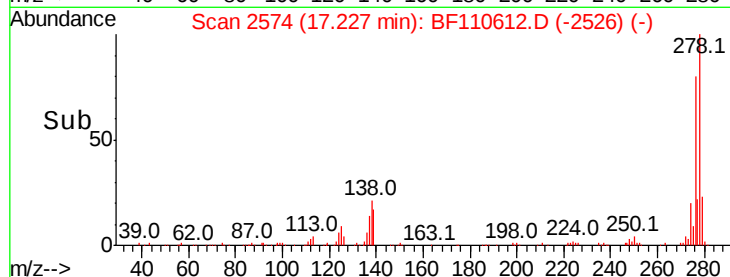
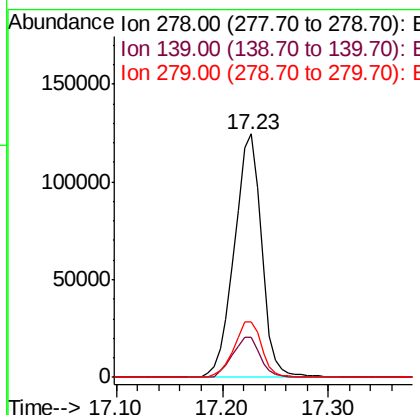
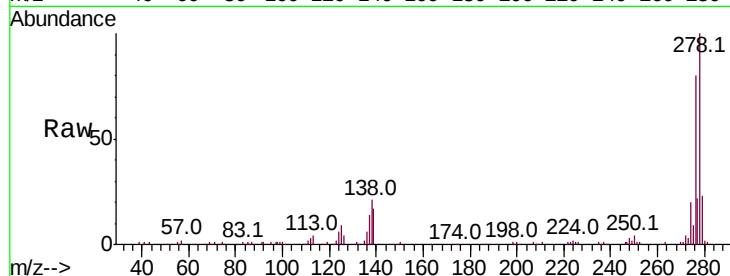
#91
Dibenzo(a,h)anthracene
Concen: 41.330 ng
RT: 17.23 min Scan# 2574
Delta R.T. -0.02 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Instrument :
BNA_F
ClientSampleId :
PB114627BSD

Tot Ion:278	Resp:	222439
Ion Ratio	Lower	Upper
278	100	
139	16.5	12.7 19.1
279	22.7	19.0 28.4

Manual Integrations
APPROVED

Sohil
11/9/2018 4:26:25 PM



#92
Benzo(g,h,i)perylene
Concen: 38.666 ng
RT: 17.69 min Scan# 2653
Delta R.T. -0.02 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Tgt Ion:276	Resp:	206478
Ion Ratio	Lower	Upper
276	100	
277	23.2	18.8 28.2
138	21.5	16.0 24.0

