

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101918\
 Data File : BF110034.D
 Acq On : 20 Oct 2018 6:30
 Operator : JU/SJ
 Sample : PB113927BSD
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB113927BSD

Manual Integrations
 APPROVED

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

Quant Time: Oct 22 02:04:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	226684	20.00	ng	-0.01
21) Naphthalene-d8	8.26	136	916746	20.00	ng	-0.01
39) Acenaphthene-d10	10.02	164	399520	20.00	ng	-0.01
64) Phenanthrene-d10	11.50	188	640835	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	406588	20.00	ng	-0.01
87) Perylene-d12	15.67	264	345048	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	1196128	83.64	ng	0.00
7) Phenol-d6	6.60	99	1505037	84.75	ng	0.00
23) Nitrobenzene-d5	7.54	82	1339400	98.42	ng	-0.01
42) 2,4,6-Tribromophenol	10.81	330	302044	87.32	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	2243647	89.61	ng	0.00
79) Terphenyl-d14	13.09	244	1541562	79.62	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.96	88	223023	27.458	ng	91
3) Pyridine	3.70	79	656447	36.251	ng	# 85
4) n-Nitrosodimethylamine	3.67	42	325269	44.033	ng	98
6) Aniline	6.63	93	553687	23.137	ng	# 53
8) 2-Chlorophenol	6.76	128	668873	41.755	ng	98
9) Benzaldehyde	6.52	77	270557	23.446	ng	95
10) Phenol	6.61	94	799770	41.715	ng	# 65
11) bis(2-Chloroethyl)ether	6.70	93	624791	38.975	ng	91
12) 1,3-Dichlorobenzene	6.91	146	692240	39.410	ng	99
13) 1,4-Dichlorobenzene	6.99	146	695134	39.295	ng	97
14) 1,2-Dichlorobenzene	7.15	146	641860	39.403	ng	98
15) Benzyl Alcohol	7.11	79	578054	42.312	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.24	45	1008245	38.320	ng	68
17) 2-Methylphenol	7.22	107	549743	42.559	ng	# 81
18) Hexachloroethane	7.48	117	252419	40.377	ng	94
19) n-Nitroso-di-n-propylamine	7.39	70	443920	38.934	ng	96
20) 3+4-Methylphenols	7.37	107	664515	40.540	ng	96
22) Acetophenone	7.38	105	889413	41.835	ng	97
24) Nitrobenzene	7.56	77	665298	45.002	ng	93
25) Isophorone	7.79	82	1247058	46.636	ng	96
26) 2-Nitrophenol	7.87	139	328611	53.609	ng	95
27) 2,4-Dimethylphenol	7.90	122	623137	48.381	ng	98
28) bis(2-Chloroethoxy)methane	8.00	93	777423	42.363	ng	99
29) 2,4-Dichlorophenol	8.11	162	533202	42.675	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	570244	40.761	ng	95
31) Naphthalene	8.28	128	1827263	43.466	ng	100
32) Benzoic acid	8.02	122	250562	31.223	ng	90
33) 4-Chloroaniline	8.32	127	141107	7.467	ng	97
34) Hexachlorobutadiene	8.39	225	311668	40.400	ng	98
35) Caprolactam	8.71	113	192882m	43.467	ng	
36) 4-Chloro-3-methylphenol	8.80	107	568177	43.106	ng	94
37) 2-Methylnaphthalene	8.97	142	1231805	45.251	ng	98
38) 1-Methylnaphthalene	9.07	142	1162621m	44.076	ng	
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	523552	42.546	ng	99

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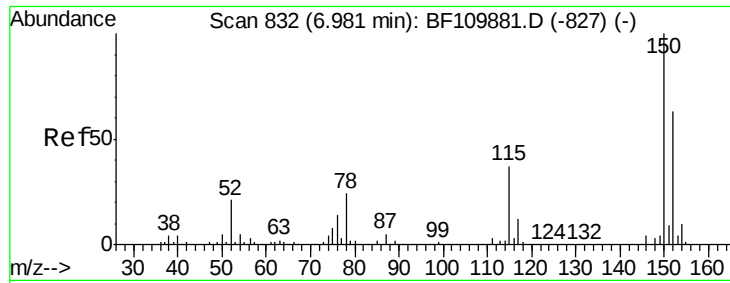
Manual Integrations
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 10/22/2018 2:55:55 PM

Quant Time: Oct 22 02:04:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	364075	61.298	ng	99
43) 2,4,6-Trichlorophenol	9.25	196	354305	46.046	ng	96
44) 2,4,5-Trichlorophenol	9.29	196	359069	44.962	ng	95
46) 1,1'-Biphenyl	9.43	154	1477306	41.502	ng	99
47) 2-Chloronaphthalene	9.46	162	1084216	41.351	ng	97
48) 2-Nitroaniline	9.56	65	347160	51.594	ng	95
49) Acenaphthylene	9.88	152	1669053	43.818	ng	96
50) Dimethylphthalate	9.73	163	1290931	45.633	ng	100
51) 2,6-Dinitrotoluene	9.80	165	276746	51.505	ng	94
52) Acenaphthene	10.05	154	1047111	43.180	ng	98
53) 3-Nitroaniline	9.96	138	166521	25.477	ng	93
54) 2,4-Dinitrophenol	10.07	184	73244	46.934	ng	# 88
55) Dibenzofuran	10.22	168	1448619	41.887	ng	99
56) 4-Nitrophenol	10.13	139	413877	82.987	ng	88
57) 2,4-Dinitrotoluene	10.20	165	358171	52.315	ng	# 86
58) Fluorene	10.57	166	1103019	43.813	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.34	232	280067	44.250	ng	95
60) Diethylphthalate	10.43	149	1210859	43.336	ng	98
61) 4-Chlorophenyl-phenylether	10.56	204	530666	40.465	ng	97
62) 4-Nitroaniline	10.59	138	248845	40.220	ng	91
63) Azobenzene	10.72	77	1148452	39.344	ng	95
65) 4,6-Dinitro-2-methylphenol	10.61	198	60940	29.831	ng	95
66) n-Nitrosodiphenylamine	10.67	169	1007822	47.219	ng	97
67) 4-Bromophenyl-phenylether	11.05	248	324988	46.795	ng	91
68) Hexachlorobenzene	11.11	284	324322	43.792	ng	# 89
69) Atrazine	11.20	200	326188	48.926	ng	98
70) Pentachlorophenol	11.30	266	277211	65.772	ng	97
71) Phenanthrene	11.53	178	1481085	44.643	ng	99
72) Anthracene	11.59	178	1517655	45.501	ng	99
73) Carbazole	11.74	167	1280693	39.069	ng	99
74) Di-n-butylphthalate	12.06	149	1691420	46.235	ng	100
75) Fluoranthene	12.72	202	1310477	39.540	ng	99
77) Benzidine	12.84	184	573725	36.803	ng	97
78) Pyrene	12.95	202	1267123	42.432	ng	99
80) Butylbenzylphthalate	13.56	149	594367	49.231	ng	97
81) Benzo(a)anthracene	14.14	228	1113671	46.502	ng	100
82) 3,3'-Dichlorobenzidine	14.10	252	291838	34.759	ng	99
83) Chrysene	14.18	228	1018061	44.660	ng	100
84) Bis(2-ethylhexyl)phthalate	14.11	149	814856	51.293	ng	95
85) Di-n-octyl phthalate	14.73	149	1308008	58.401	ng	98
86) Indeno(1,2,3-cd)pyrene	17.23	276	802286	43.711	ng	# 95
88) Benzo(b)fluoranthene	15.22	252	987591	49.646	ng	99
89) Benzo(k)fluoranthene	15.25	252	929477	47.404	ng	# 96
90) Benzo(a)pyrene	15.61	252	872376	47.682	ng	98
91) Dibenzo(a,h)anthracene	17.25	278	677986	41.815	ng	98
92) Benzo(g,h,i)perylene	17.71	276	643200	39.262	ng	98

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



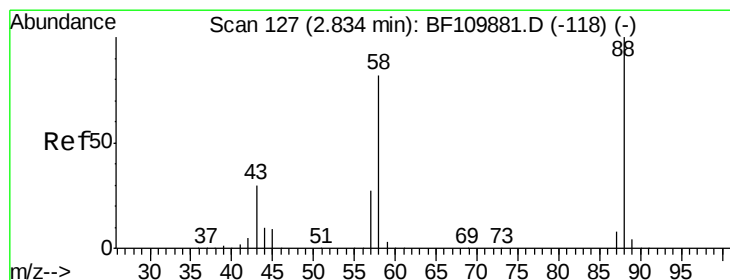
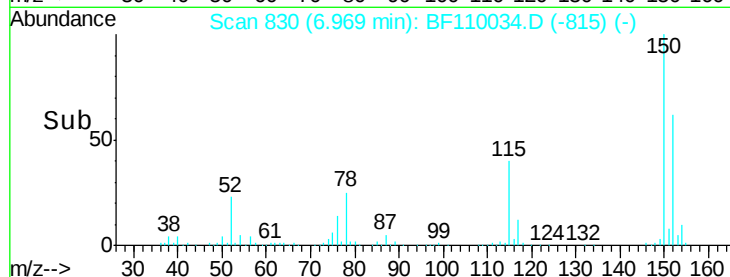
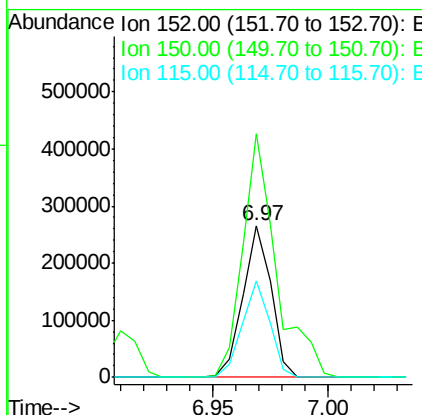
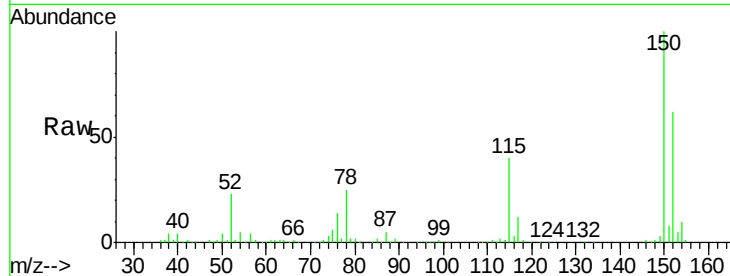
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF110034.D
 Acq: 20 Oct 2018 6:30

Instrument :
 BNA_F
 ClientSampleId :
 PB113927BSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.6	122.7	184.1
115	63.9	49.1	73.7

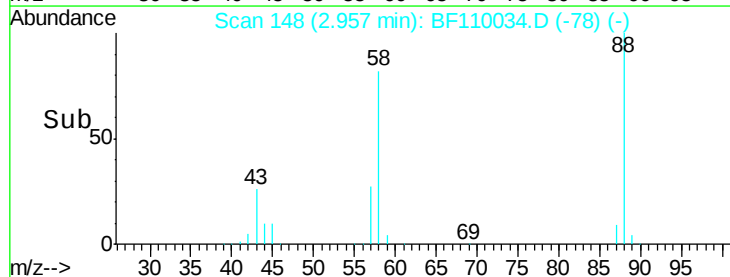
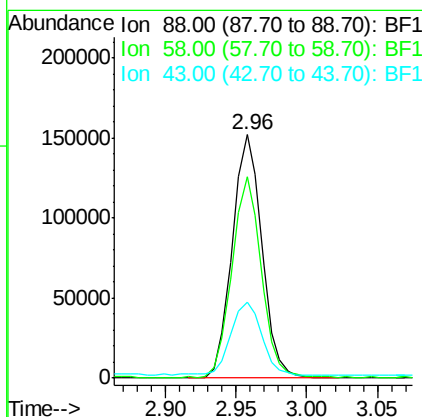
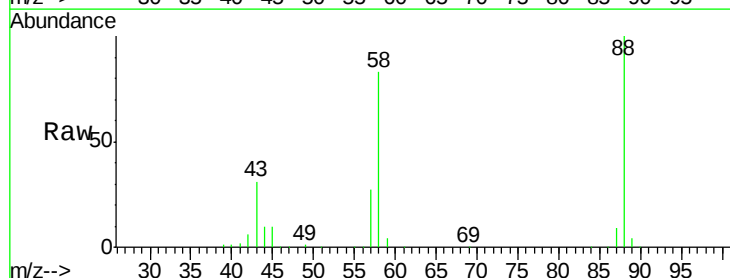
Manual Integrations
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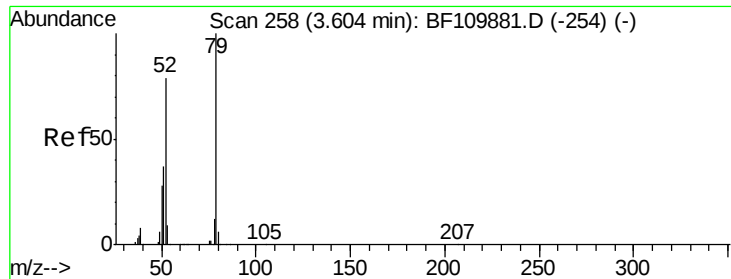
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#2
 1,4-Dioxane
 Concen: 27.458 ng
 RT: 2.96 min Scan# 148
 Delta R.T. 0.11 min
 Lab File: BF110034.D
 Acq: 20 Oct 2018 6:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.3	57.1	85.7
43	31.9	24.1	36.1





#3

Pyridine

Concen: 36.251 ng

RT: 3.70 min Scan# 274

Delta R.T. 0.08 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

Instrument :

BNA_F

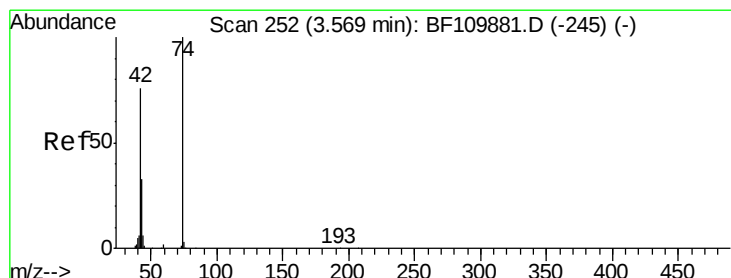
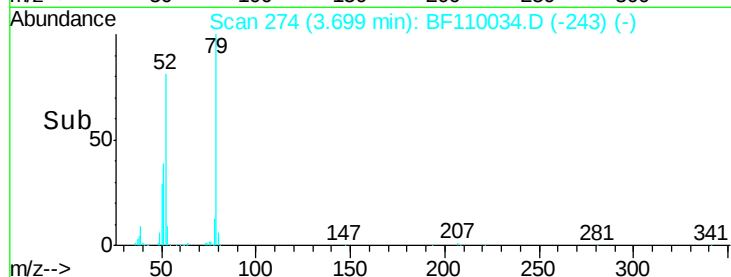
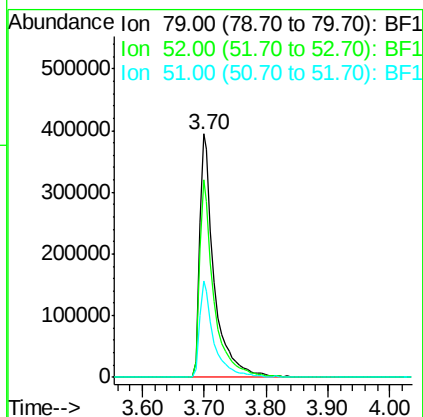
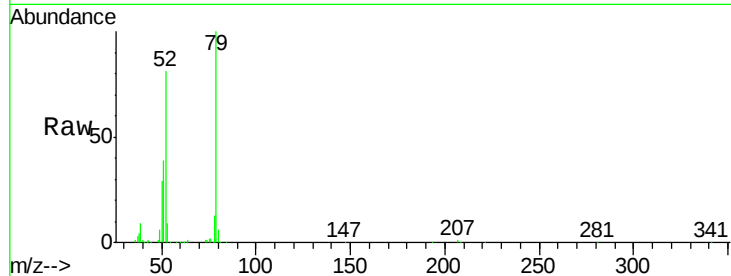
ClientSampleId :

PB113927BSD

Tgt Ion:	79	Resp:	656447
Ion Ratio	Lower	Upper	
79	100		
52	81.2	53.1	79.7#
51	39.4	27.4	41.2

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#4

n-Nitrosodimethylamine

Concen: 44.033 ng

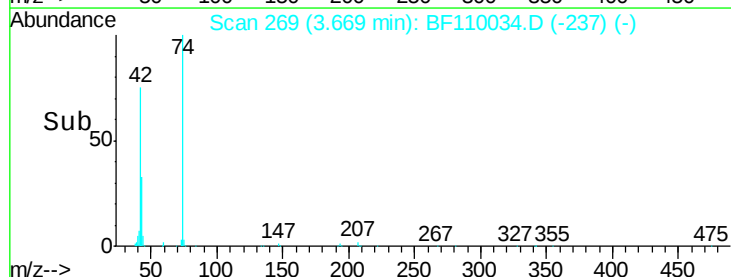
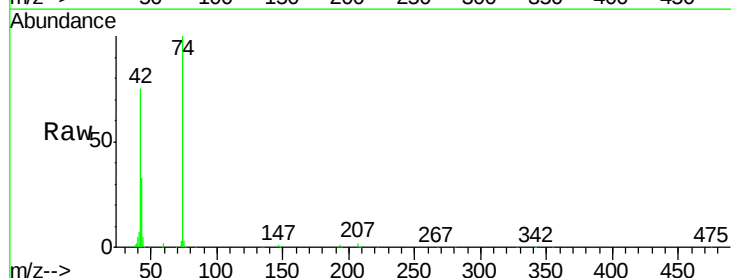
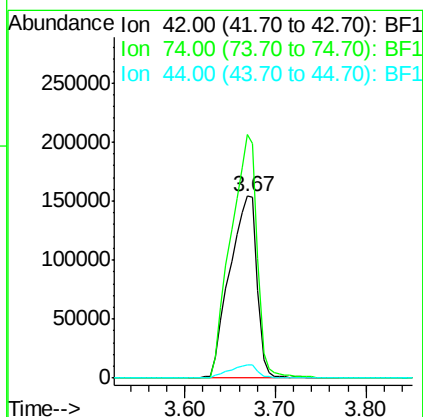
RT: 3.67 min Scan# 269

Delta R.T. 0.09 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

Tgt Ion:	42	Resp:	325269
Ion Ratio	Lower	Upper	
42	100		
74	133.8	105.5	158.3
44	7.2	4.9	7.3





#5

2-Fluorophenol

Concen: 83.642 ng

RT: 5.60 min Scan# 598

Delta R.T. 0.01 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

Instrument :

BNA_F

ClientSampleId :

PB113927BSD

Tgt Ion: 112 Resp: 1196128

Ion Ratio Lower Upper

112 100

64 61.0 44.1 66.1

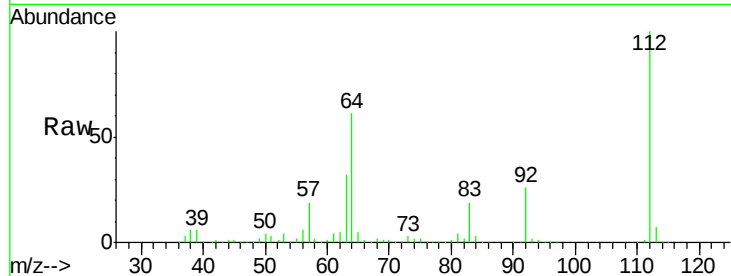
63 32.1 23.7 35.5

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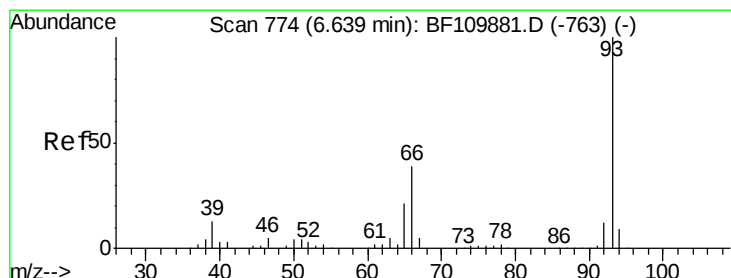
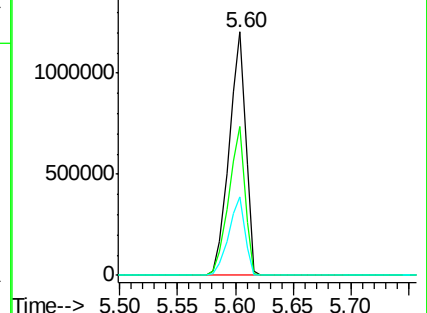
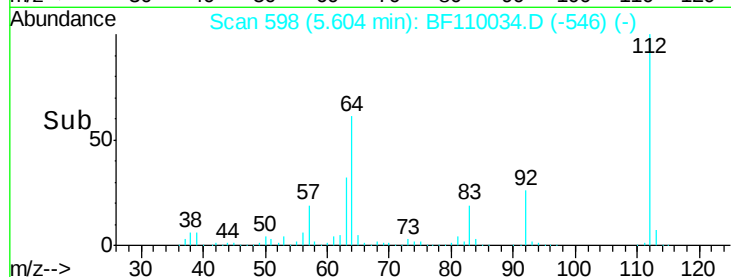
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 23.137 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

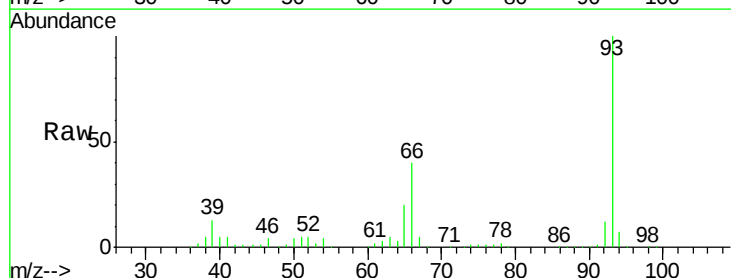
Tgt Ion: 93 Resp: 553687

Ion Ratio Lower Upper

93 100

66 39.7 67.4 101.0#

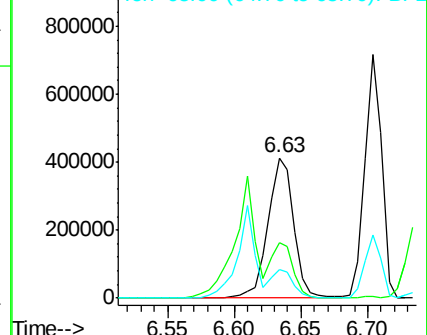
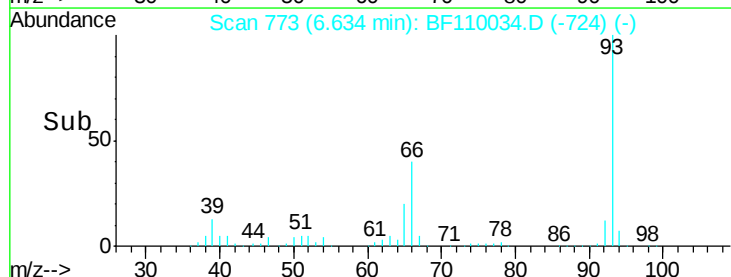
65 20.2 41.0 61.4#

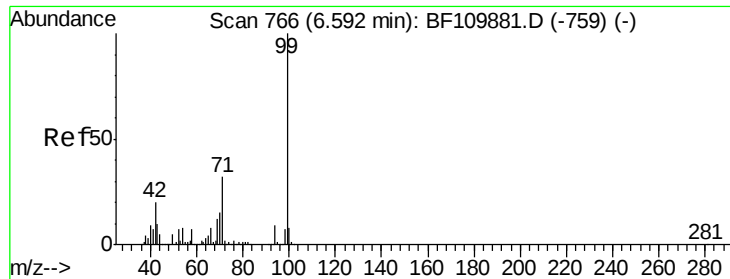


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 84.755 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

Instrument :

BNA_F

ClientSampleId :

PB113927BSD

Tgt Ion: 99 Resp: 1505037

Ion Ratio Lower Upper

99 100

42 19.0 15.8 23.6

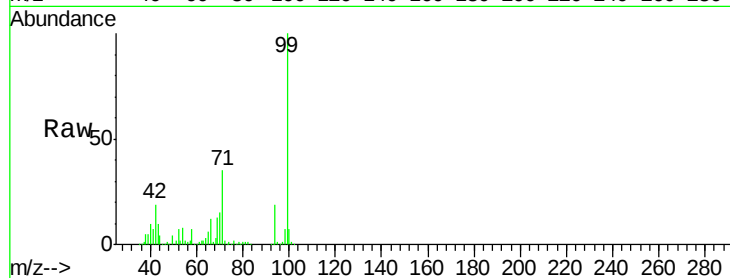
71 34.7 28.0 42.0

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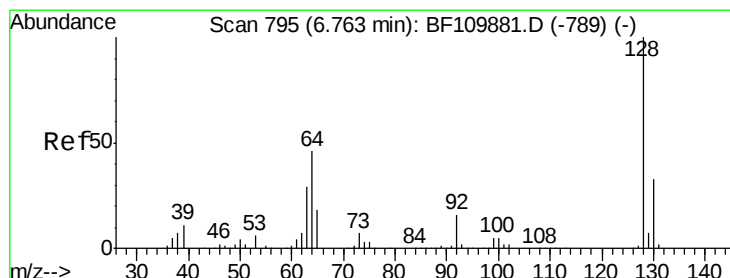
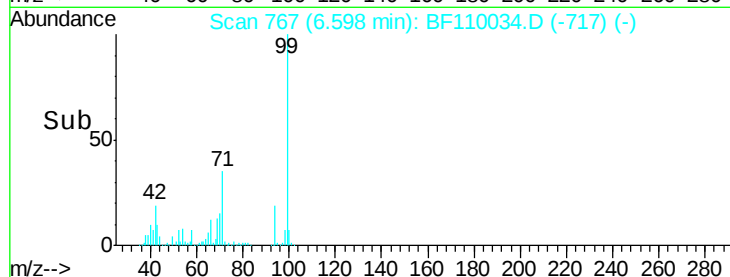
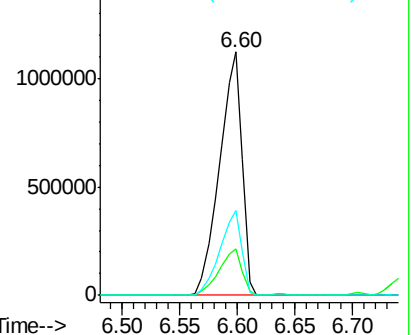
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.755 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.01 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

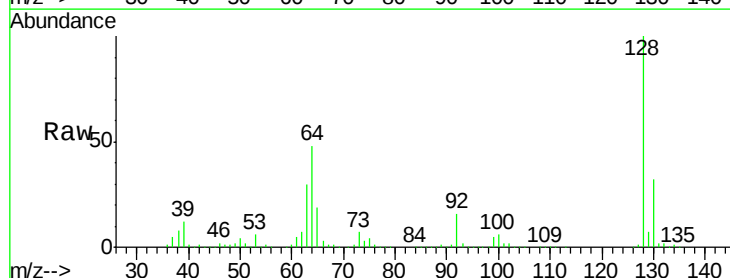
Tgt Ion: 128 Resp: 668873

Ion Ratio Lower Upper

128 100

130 32.4 13.1 53.1

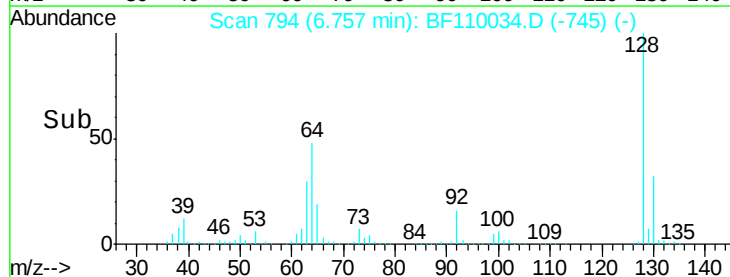
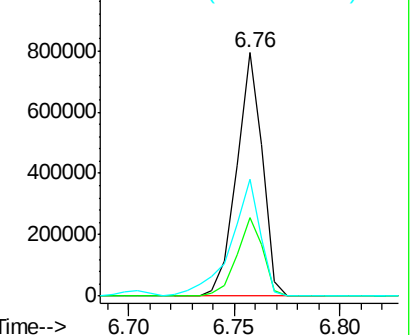
64 48.0 26.0 66.0

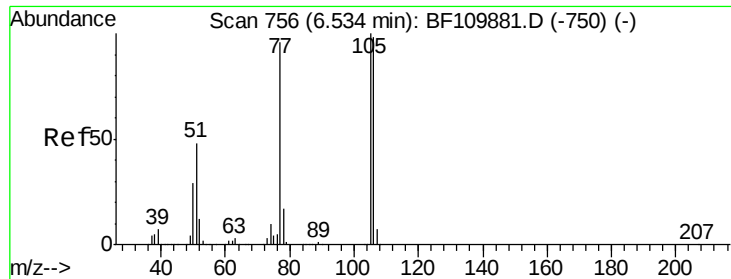


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 23.446 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

Instrument :

BNA_F

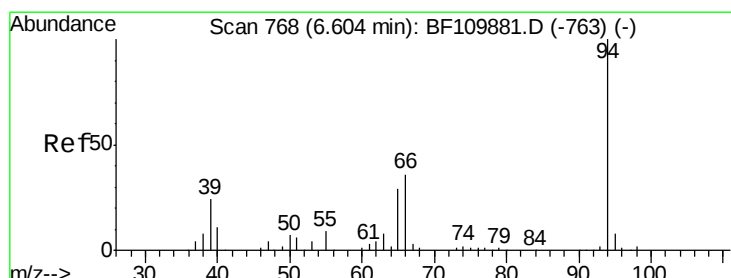
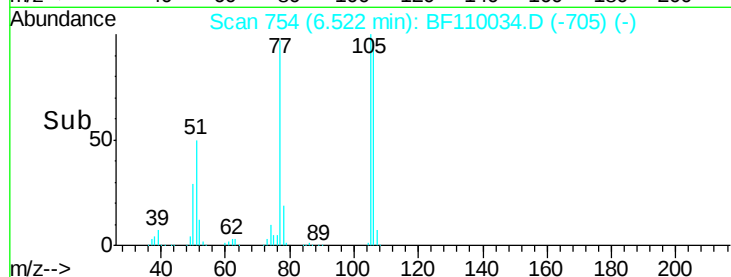
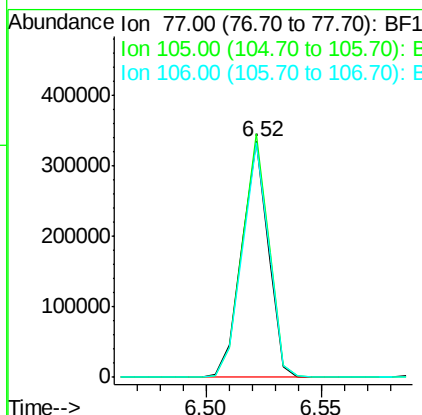
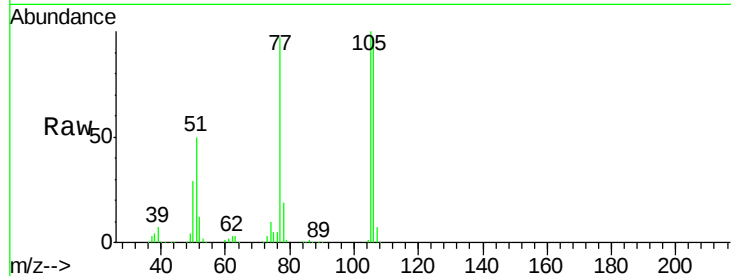
ClientSampleId :

PB113927BSD

Tgt Ion	Ratio	Lower	Upper
77	100		
105	103.4	78.6	118.6
106	99.8	74.8	114.8

Manual Integrations
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#10

Phenol

Concen: 41.715 ng

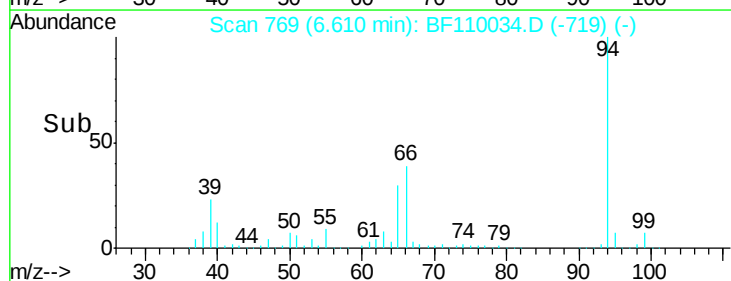
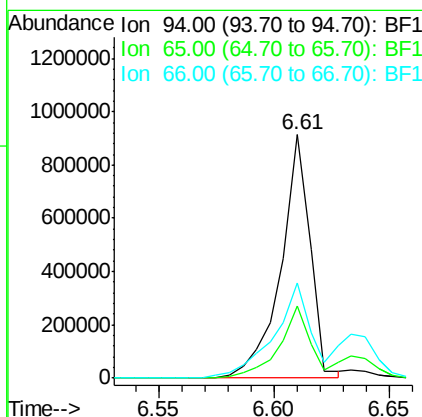
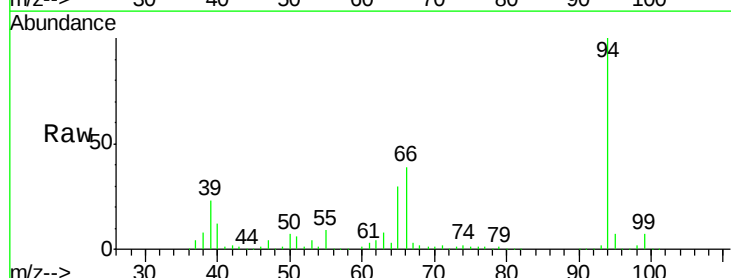
RT: 6.61 min Scan# 769

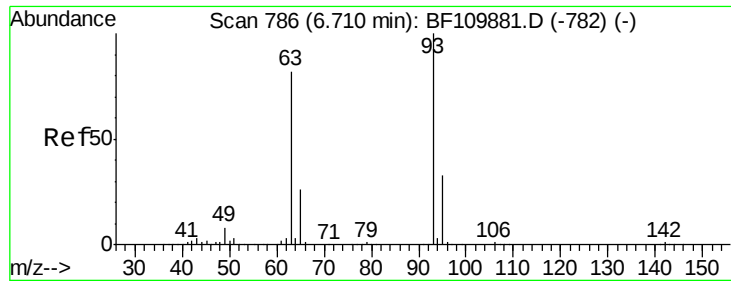
Delta R.T. -0.01 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.9	25.3	65.3
66	39.3	54.5	94.5#





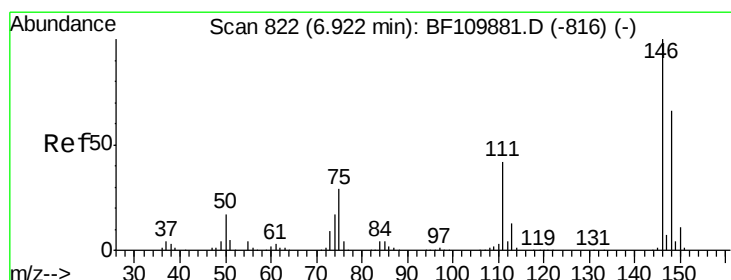
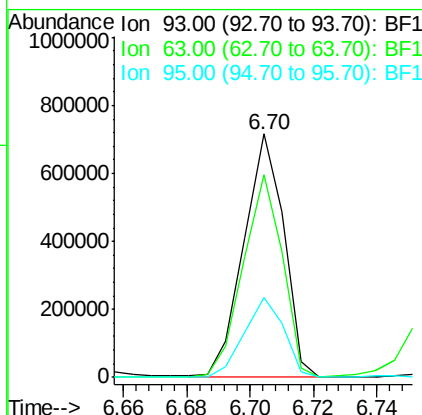
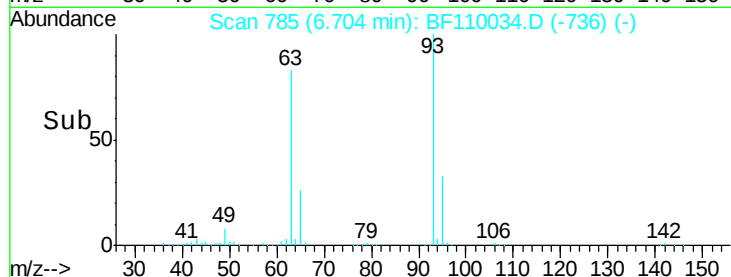
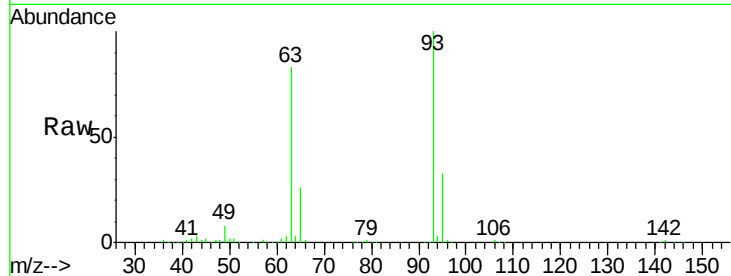
#11
bis(2-Chloroethyl)ether
Concen: 38.975 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

Instrument :
BNA_F
ClientSampleId :
PB113927BSD

Tgt Ion:	93	Resp:	624791
Ion Ratio	Lower	Upper	
93	100		
63	83.4	53.4	93.4
95	32.8	12.1	52.1

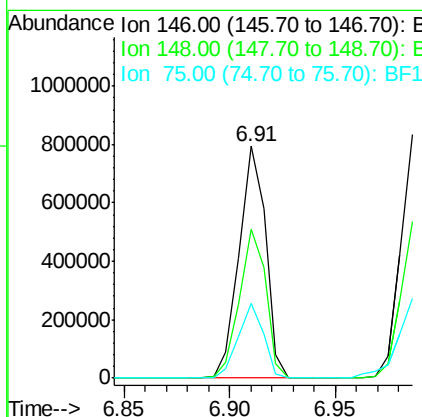
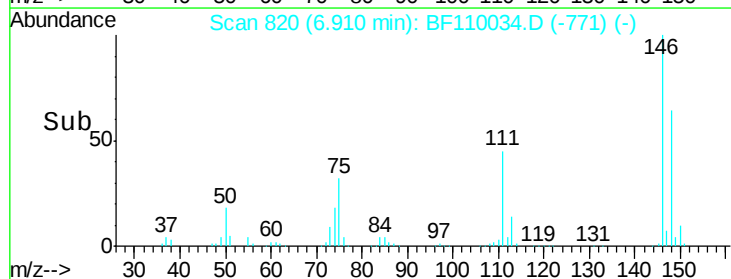
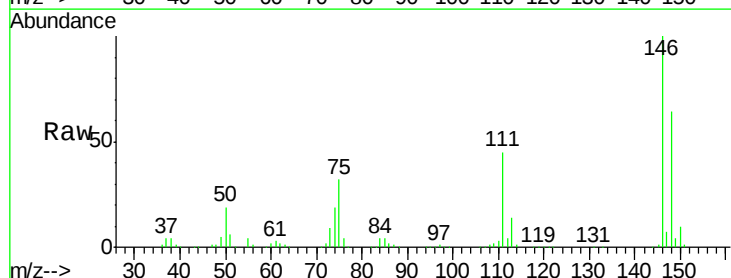
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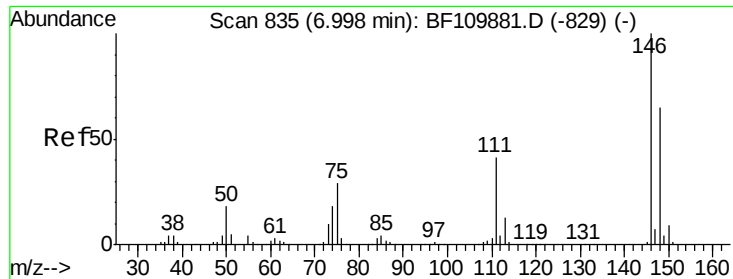
Sohil
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#12
1,3-Dichlorobenzene
Concen: 39.410 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

Tgt Ion:	146	Resp:	692240
Ion Ratio	Lower	Upper	
146	100		
148	64.1	50.4	75.6
75	32.4	25.8	38.6





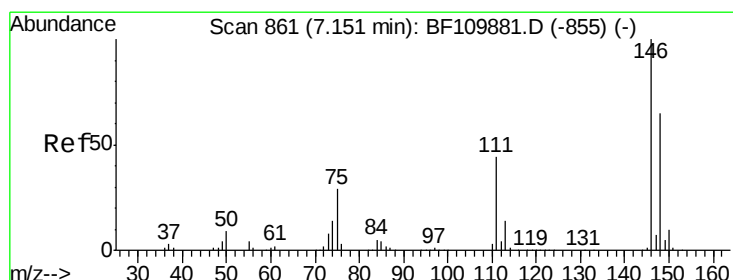
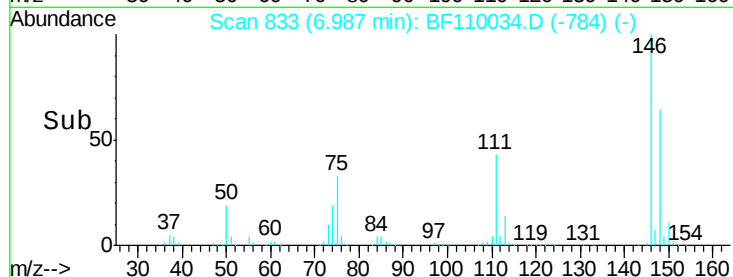
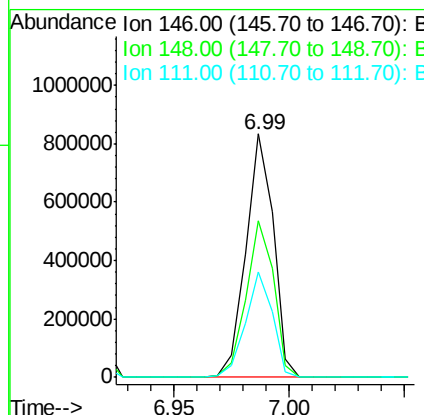
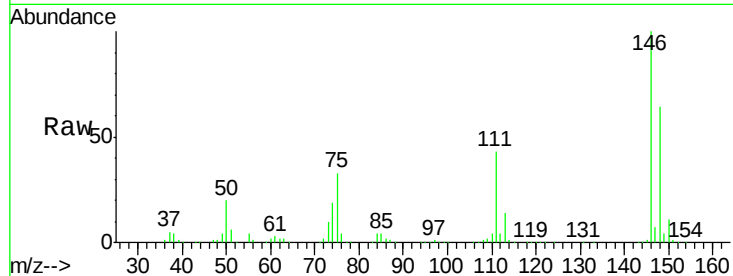
#13
 1,4-Dichlorobenzene
 Concen: 39.295 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF110034.D
 Acq: 20 Oct 2018 6:30

Instrument :
 BNA_F
 ClientSampleId :
 PB113927BSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.3	75.5
111	43.4	32.7	49.1

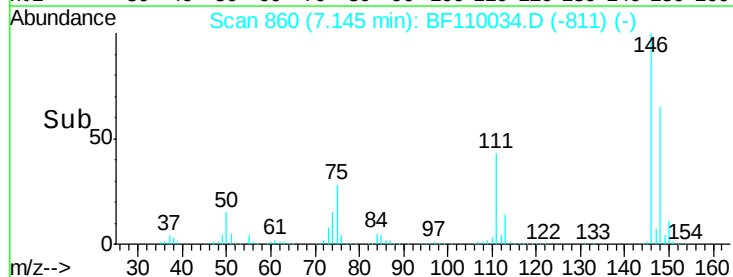
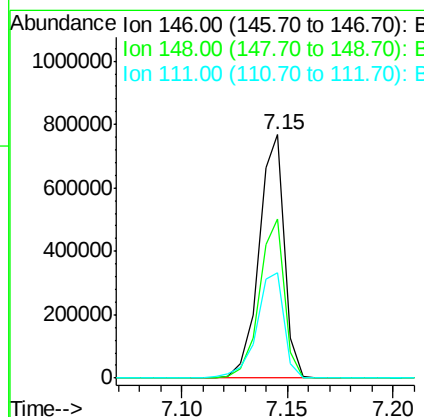
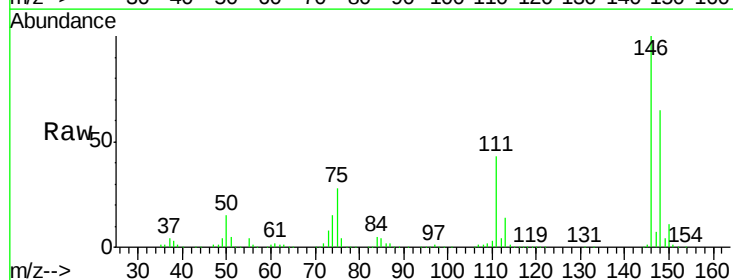
Manual Integrations
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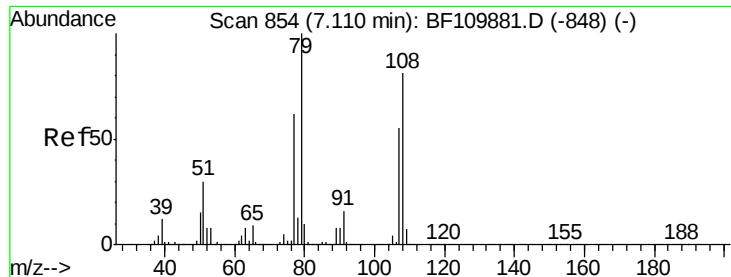
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 39.403 ng
 RT: 7.15 min Scan# 860
 Delta R.T. -0.01 min
 Lab File: BF110034.D
 Acq: 20 Oct 2018 6:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.1	76.7
111	43.1	35.8	53.6





#15

Benzyl Alcohol

Concen: 42.312 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

Instrument :

BNA_F

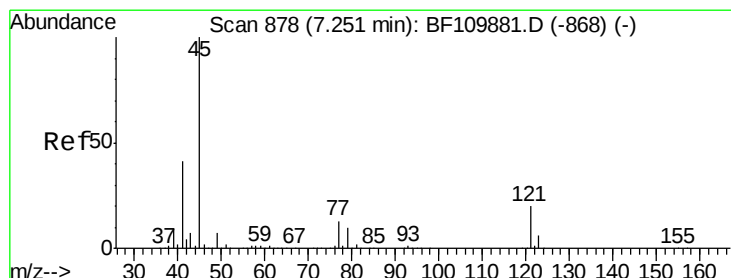
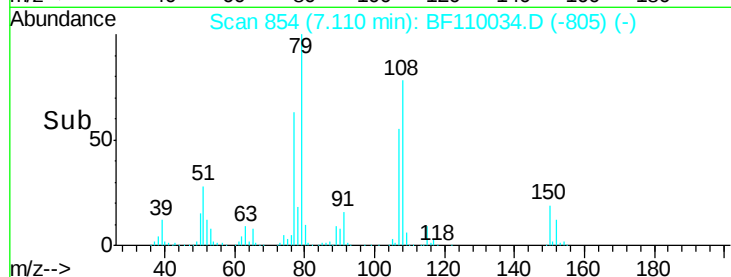
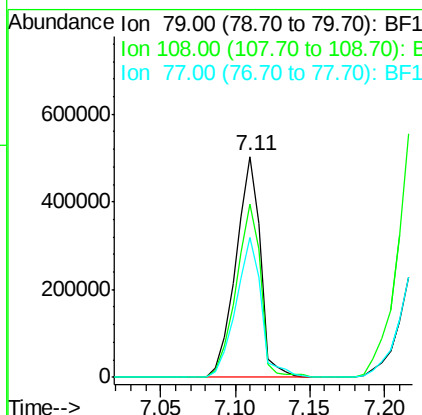
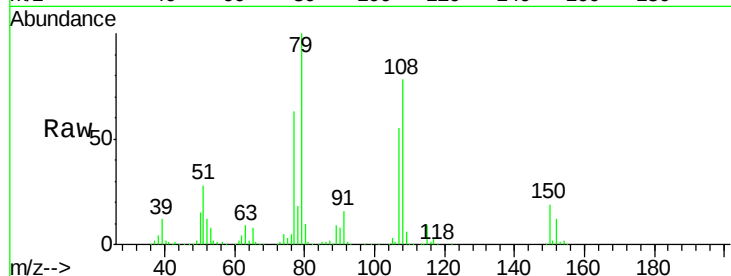
ClientSampleId :

PB113927BSD

Tgt Ion:	79	Resp:	578054
Ion Ratio	Lower	Upper	
79	100		
108	78.2	56.3	84.5
77	63.4	52.9	79.3

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.320 ng

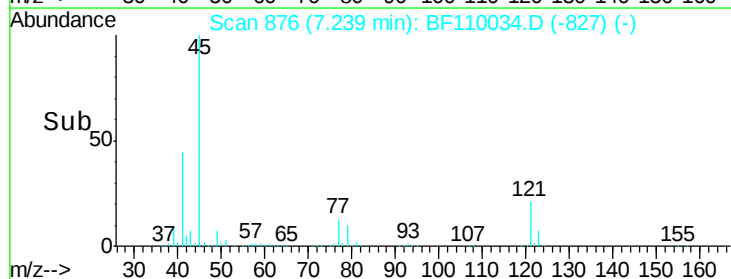
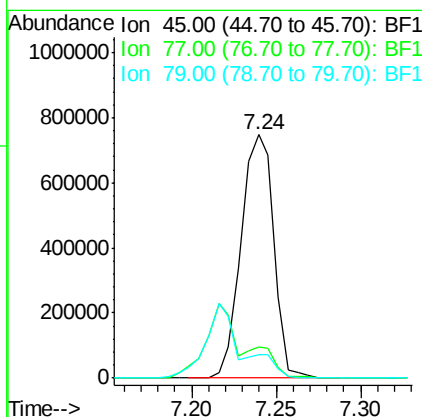
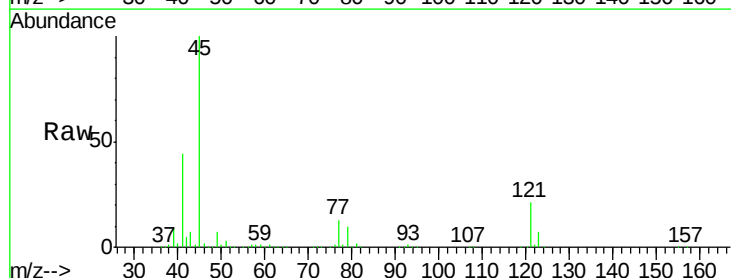
RT: 7.24 min Scan# 876

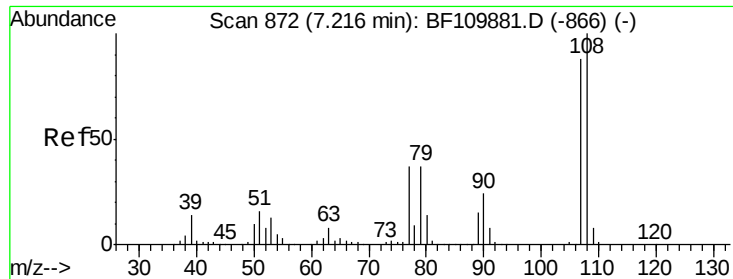
Delta R.T. -0.01 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

Tgt Ion:	45	Resp:	1008245
Ion Ratio	Lower	Upper	
45	100		
77	13.0	10.0	50.0
79	9.8	6.1	46.1





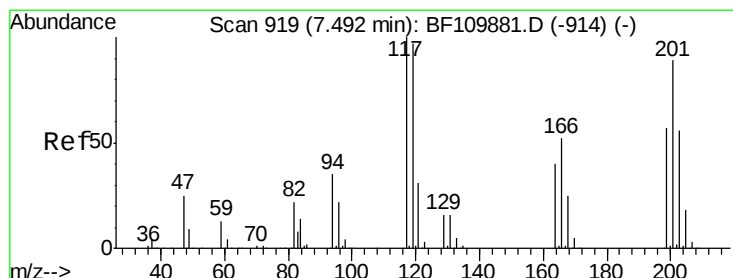
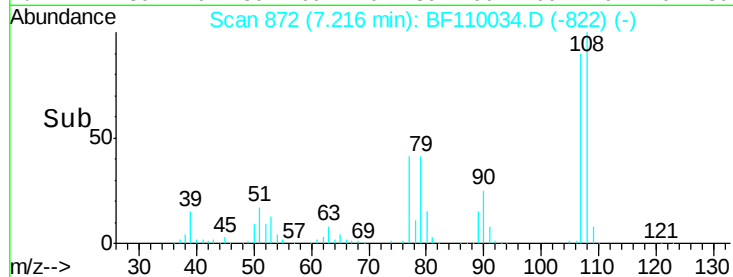
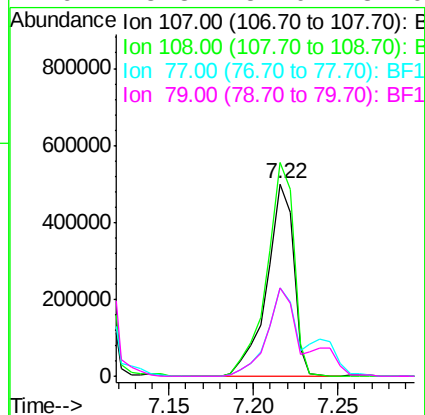
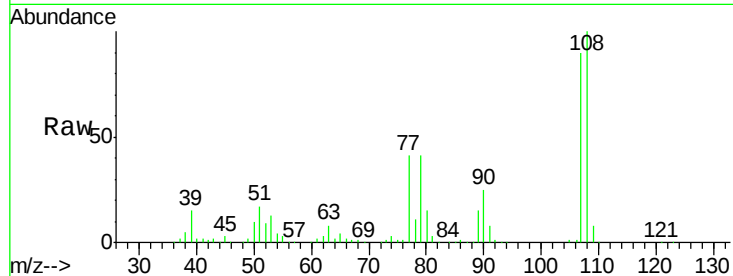
#17
2-Methylphenol
Concen: 42.559 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

Instrument :
BNA_F
ClientSampleId :
PB113927BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	111.2	92.6	138.8
77	46.0	59.4	89.2#
79	45.8	54.0	81.0#

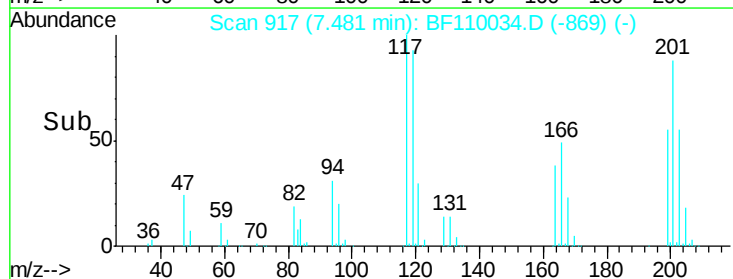
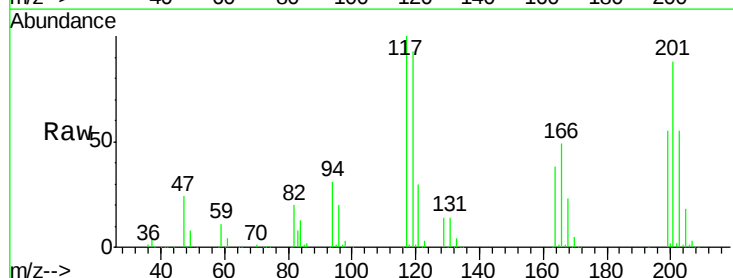
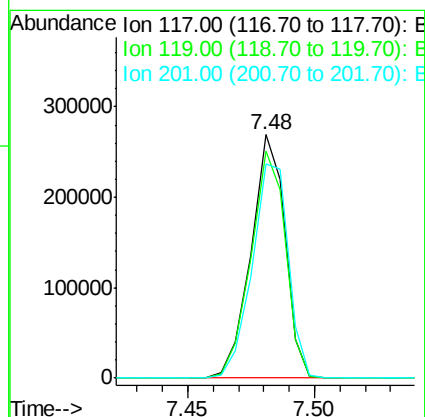
Manual Integrations
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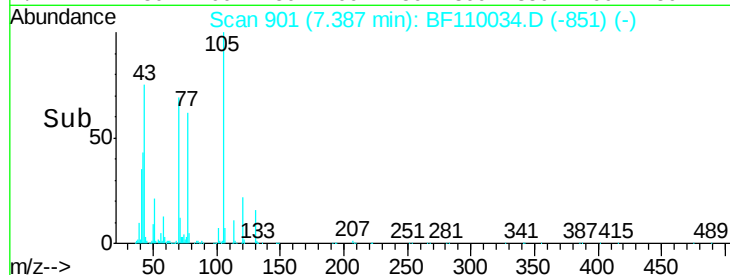
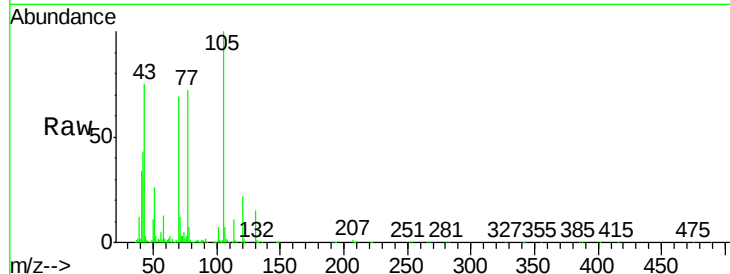
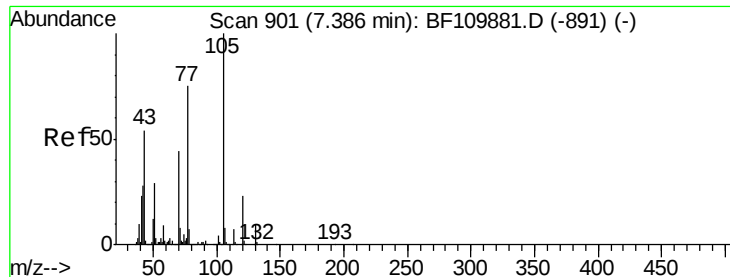
Sohil
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#18
Hexachloroethane
Concen: 40.377 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.02 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	93.3	75.0	112.6
201	88.2	79.2	118.8





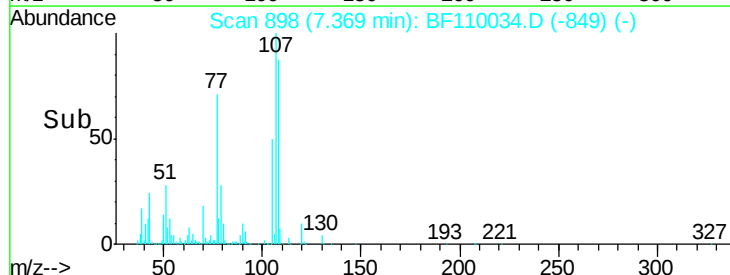
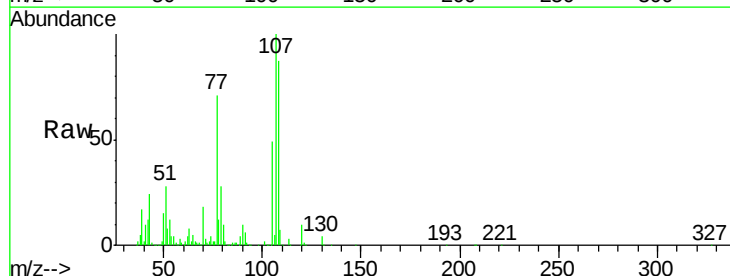
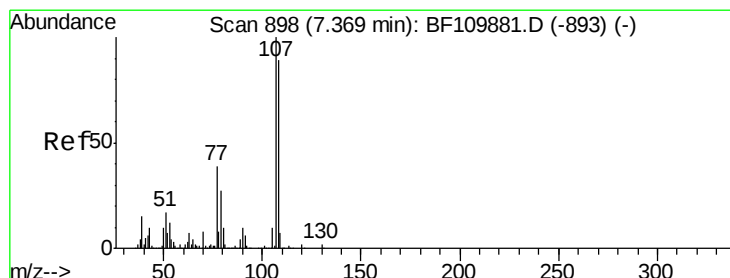
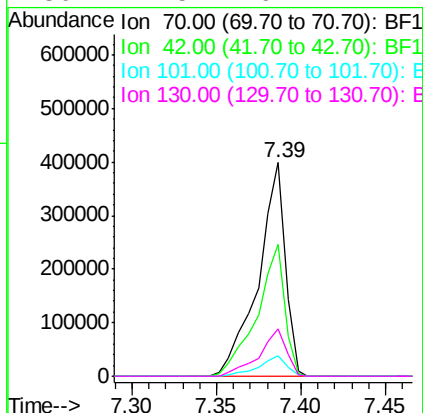
#19
n-Nitroso-di-n-propylamine
Concen: 38.934 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

Instrument :
BNA_F
ClientSampleId :
PB113927BSD

Manual Integrations
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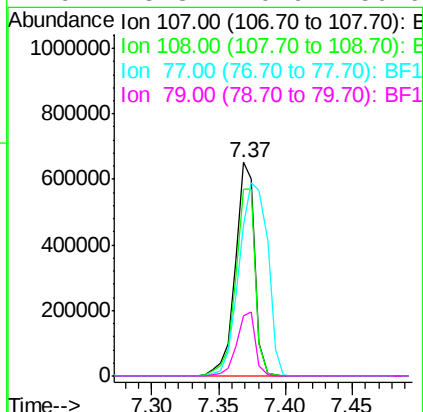
Sohil
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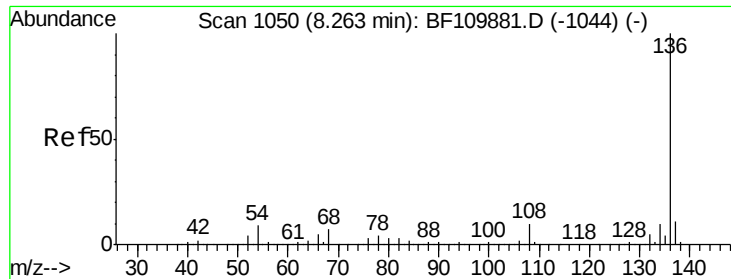
Tgt Ion	Ratio	Lower	Upper
70	100		
42	61.9	47.4	71.2
101	9.9	7.3	10.9
130	22.5	16.2	24.2



#20
3+4-Methylphenols
Concen: 40.540 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.4	71.4	111.4
77	70.8	47.3	87.3
79	28.3	10.9	50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

Instrument :

BNA_F

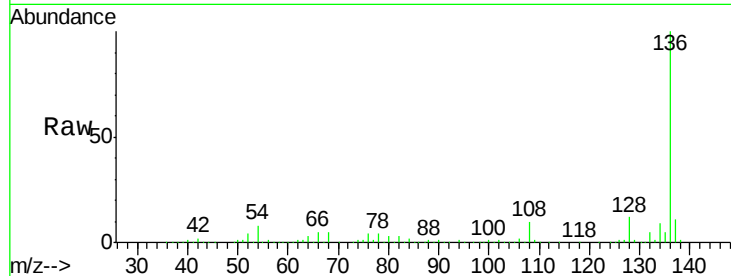
ClientSampleId :

PB113927BSD

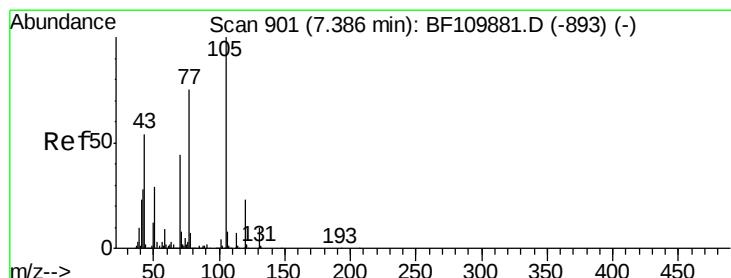
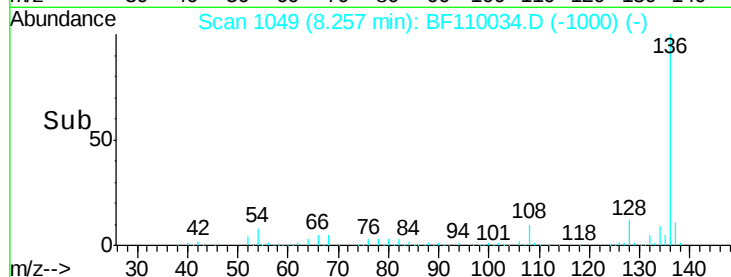
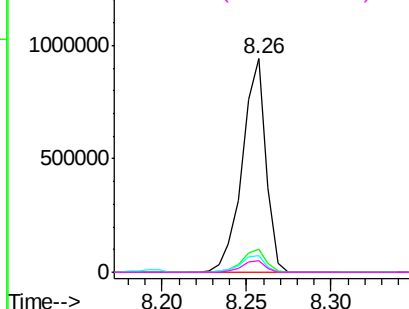
Tgt Ion:	136	Resp:	916746
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	7.7	5.4	8.2
68	5.3	4.2	6.2

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



#22

Acetophenone

Concen: 41.835 ng

RT: 7.38 min Scan# 900

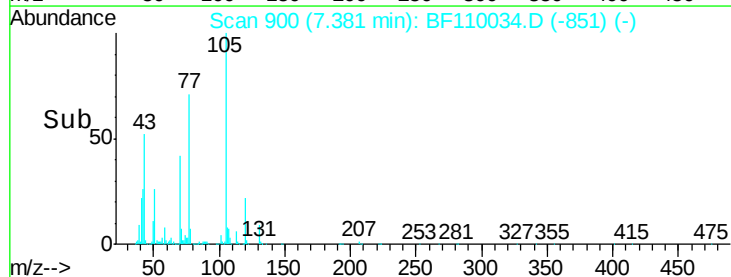
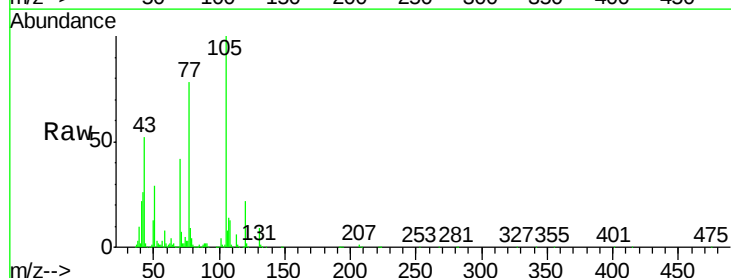
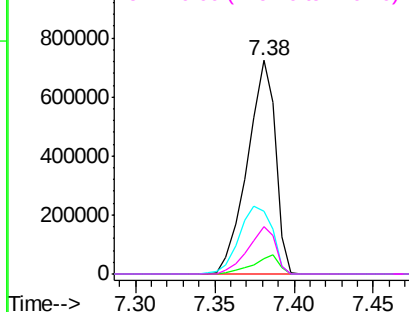
Delta R.T. -0.01 min

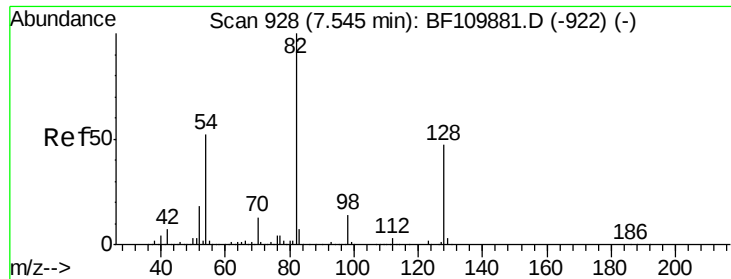
Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

Tgt Ion:	105	Resp:	889413
Ion Ratio	Lower	Upper	
105	100		
71	7.1	5.2	7.8
51	29.3	21.8	32.8
120	22.3	17.0	25.4

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





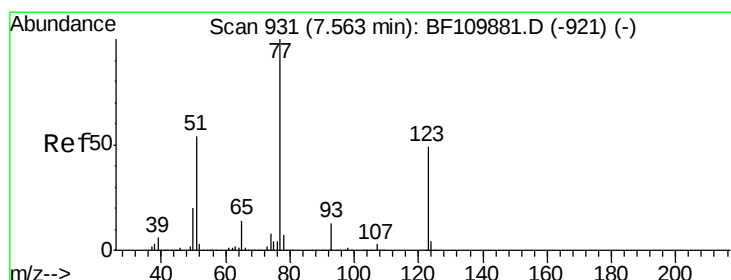
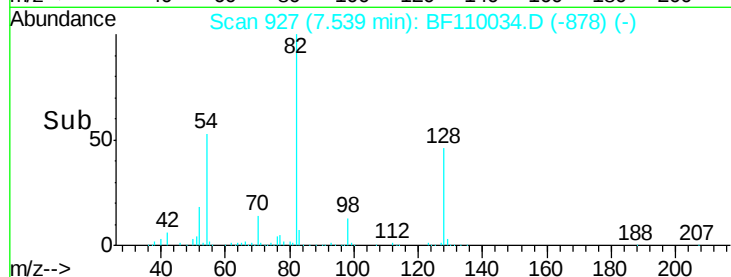
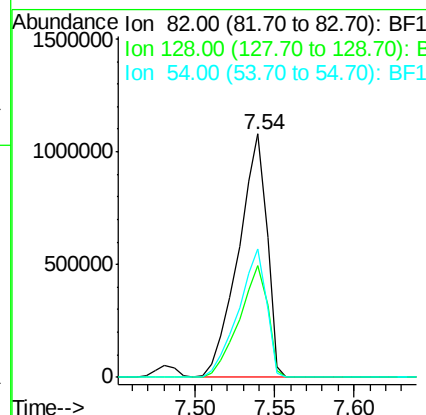
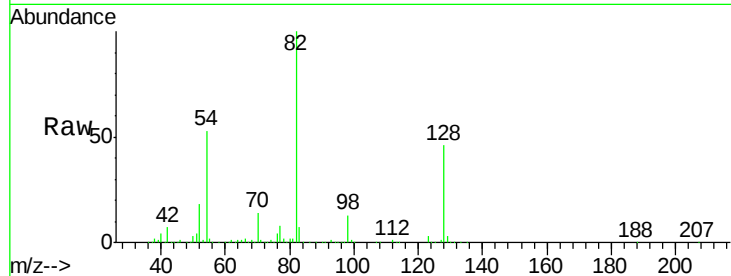
#23
Nitrobenzene-d5
Concen: 98.421 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

Instrument :
BNA_F
ClientSampleId :
PB113927BSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.7	34.2	51.2
54	52.7	38.6	58.0

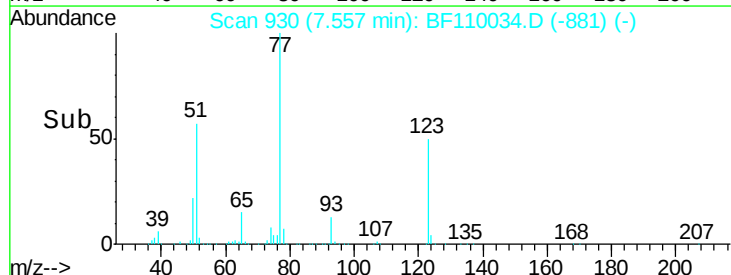
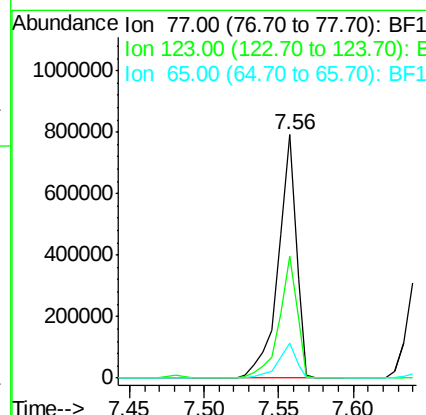
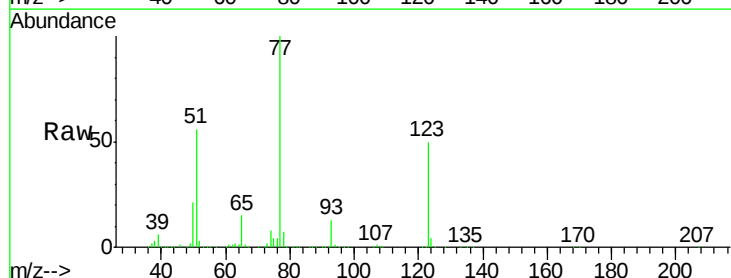
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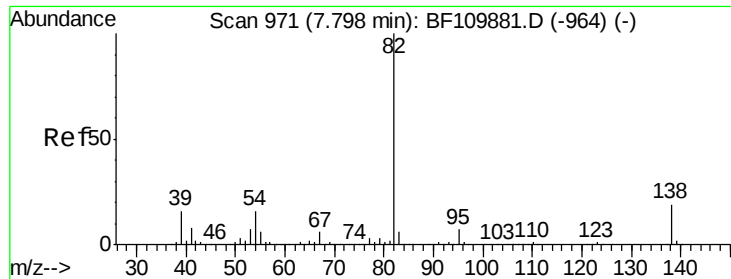
Sohil
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#24
Nitrobenzene
Concen: 45.002 ng
RT: 7.56 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.9	35.7	53.5
65	14.6	10.7	16.1





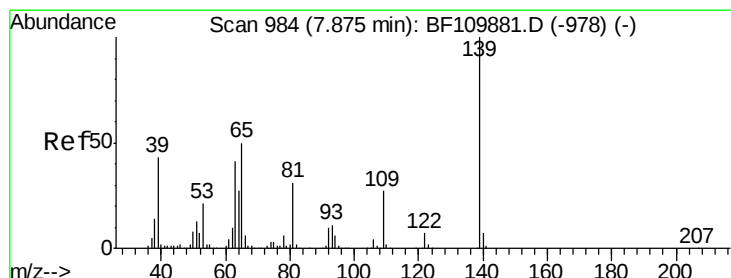
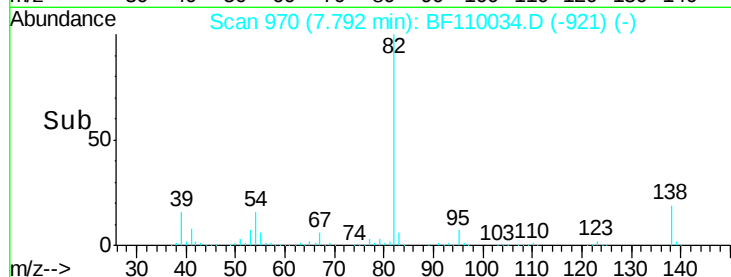
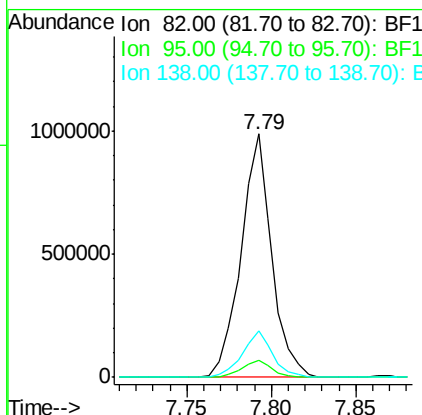
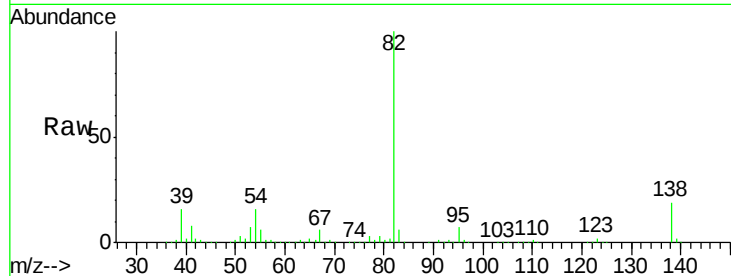
#25
Isophorone
Concen: 46.636 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.01 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

Instrument :
BNA_F
ClientSampleId :
PB113927BSD

Tgt Ion: 82 Resp: 1247058
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 19.0 13.2 19.8

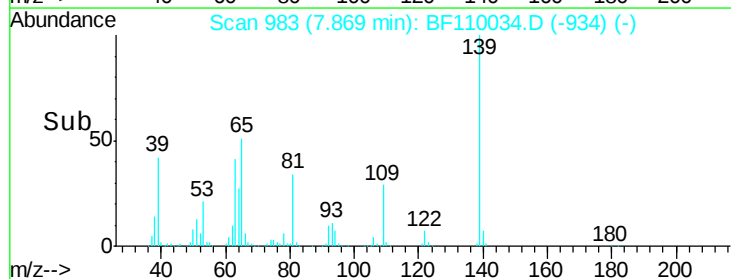
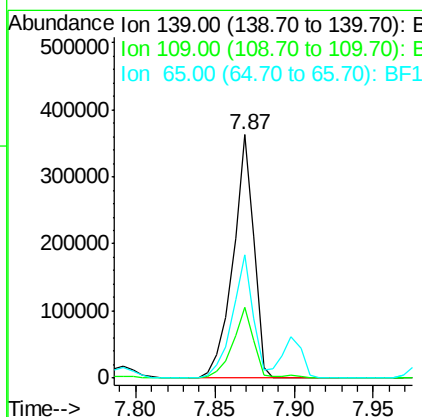
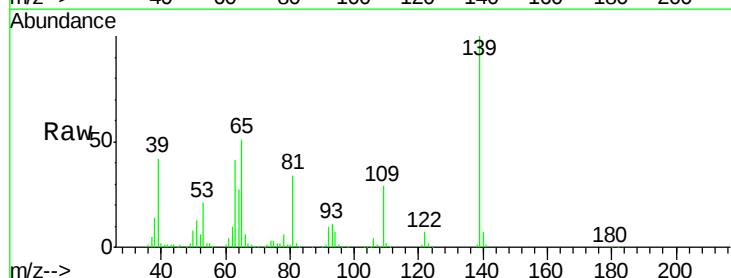
Manual Integrations
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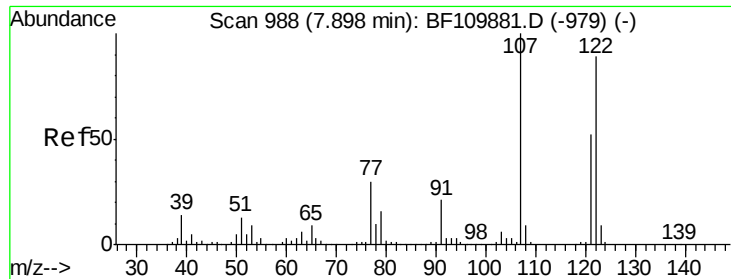
Sohil
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#26
2-Nitrophenol
Concen: 53.609 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

Tgt Ion: 139 Resp: 328611
Ion Ratio Lower Upper
139 100
109 29.3 25.0 37.6
65 50.5 44.0 66.0





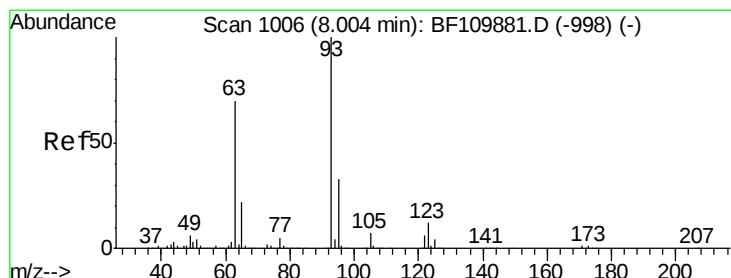
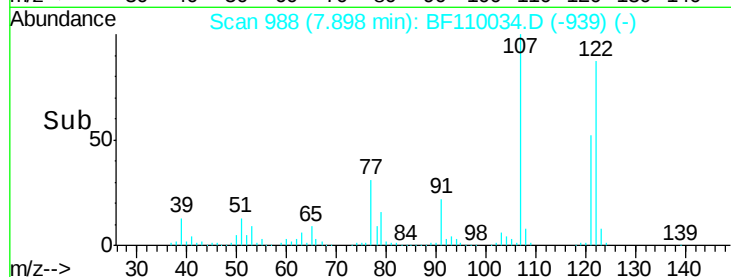
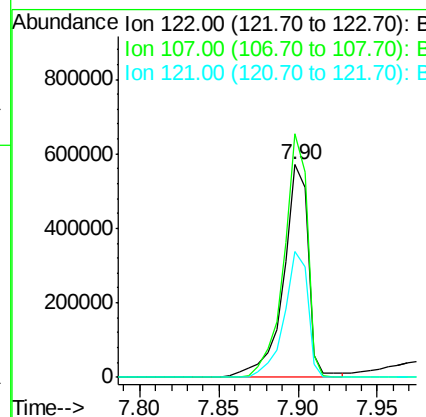
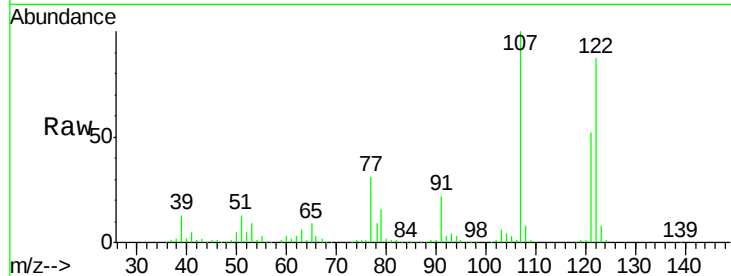
#27
2,4-Dimethylphenol
Concen: 48.381 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

Instrument :
BNA_F
ClientSampleId :
PB113927BSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	623137		
107	114.5	92.5	138.7	
121	59.4	45.8	68.8	

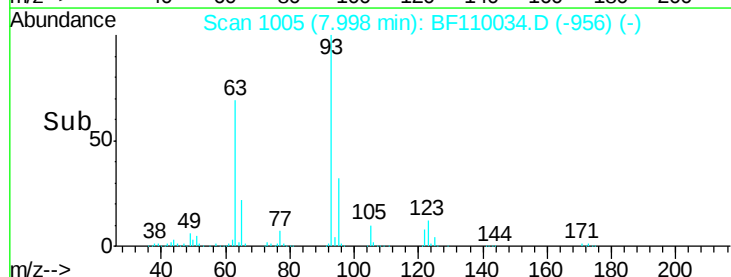
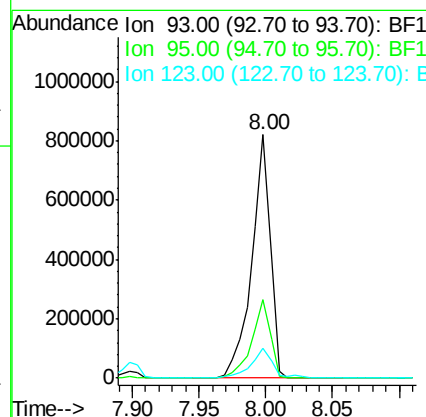
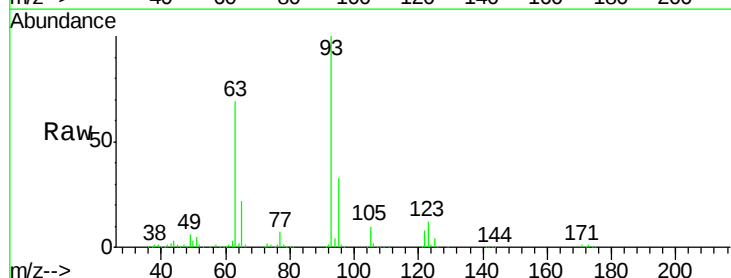
Manual Integrations
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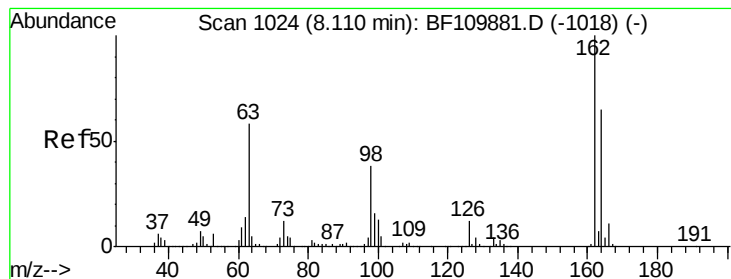
Sohil
10/22/2018 2:55:55 PM



#28
bis(2-Chloroethoxy)methane
Concen: 42.363 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	777423		
95	32.5	26.4	39.6	
123	12.2	9.0	13.6	





#29

2,4-Dichlorophenol

Concen: 42.675 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

Instrument :

BNA_F

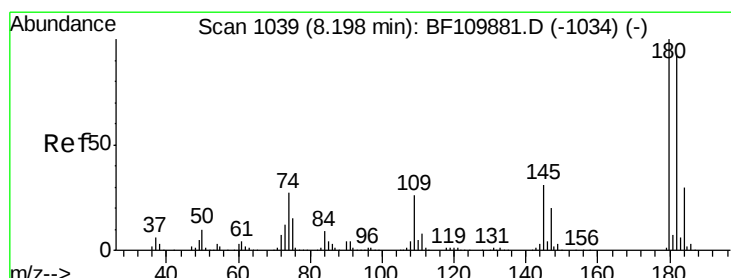
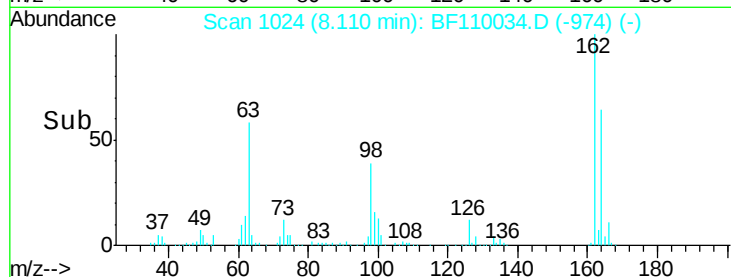
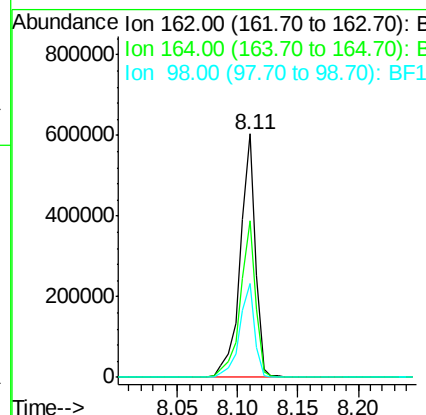
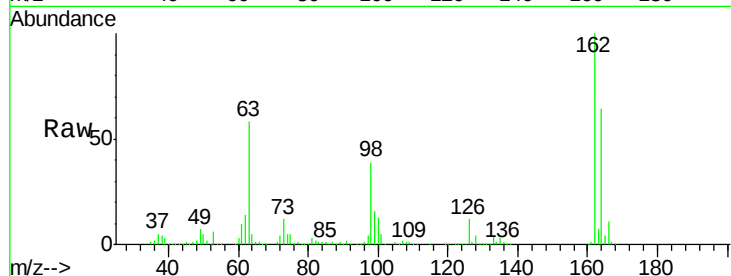
ClientSampleId :

PB113927BSD

Tgt Ion:	162	Resp:	533202
Ion Ratio	Lower	Upper	
162	100		
164	64.2	44.6	84.6
98	38.7	17.4	57.4

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#30

1,2,4-Trichlorobenzene

Concen: 40.761 ng

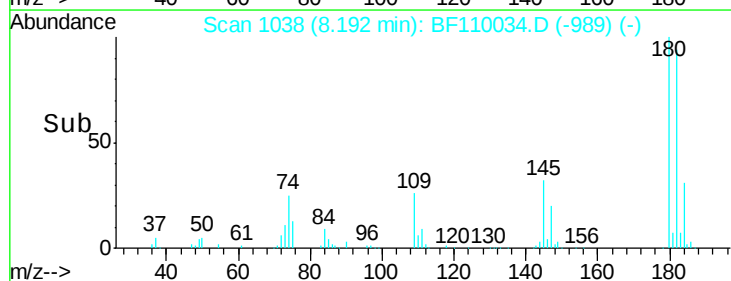
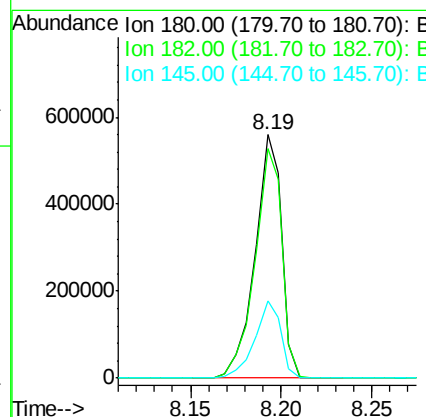
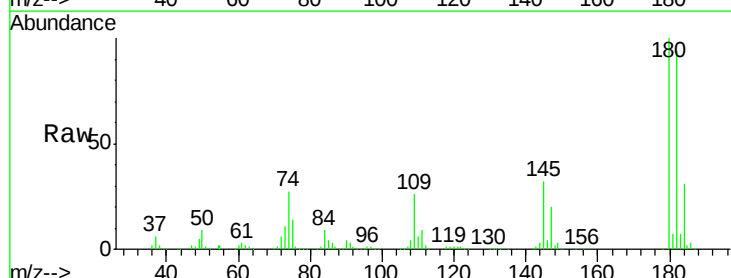
RT: 8.19 min Scan# 1038

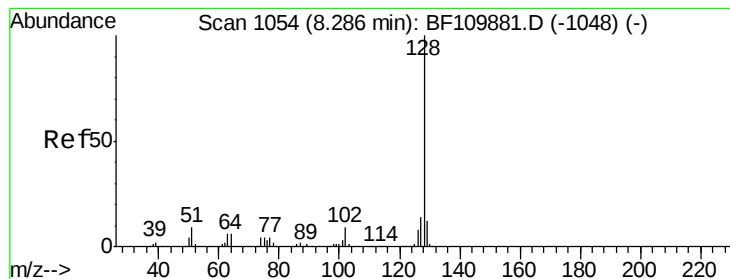
Delta R.T. -0.01 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

Tgt Ion:	180	Resp:	570244
Ion Ratio	Lower	Upper	
180	100		
182	94.5	80.3	120.5
145	31.6	25.4	38.0





#31

Naphthalene

Concen: 43.466 ng

RT: 8.28 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

Instrument :

BNA_F

ClientSampleId :

PB113927BSD

Tgt Ion:128 Resp: 1827263

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

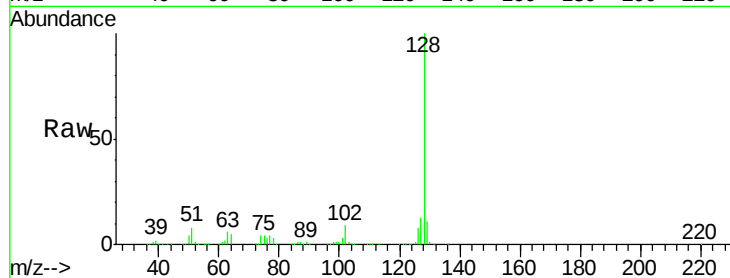
127 13.5 10.8 16.2

Manual Integrations

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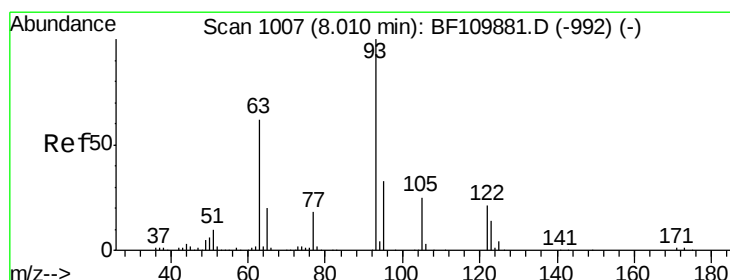
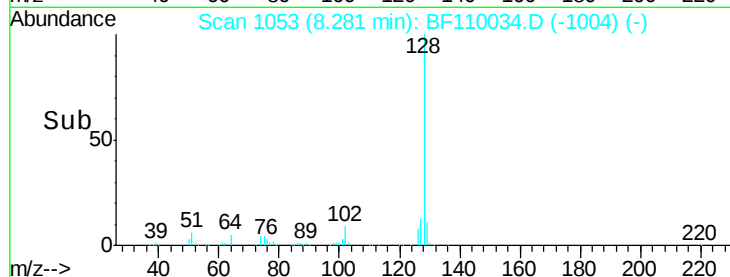
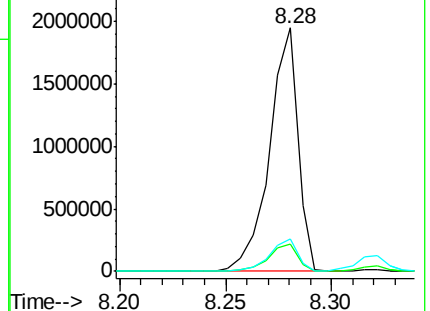
10/22/2018 2:55:55 PM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.223 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.01 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

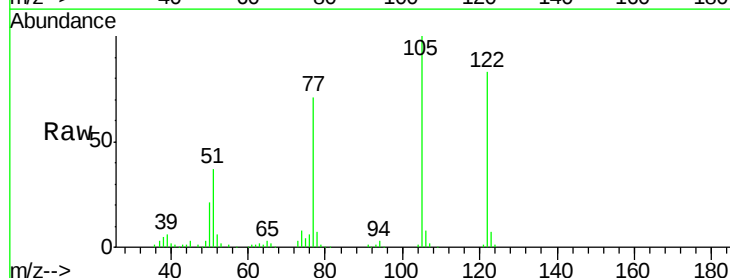
Tgt Ion:122 Resp: 250562

Ion Ratio Lower Upper

122 100

105 120.4 109.0 149.0

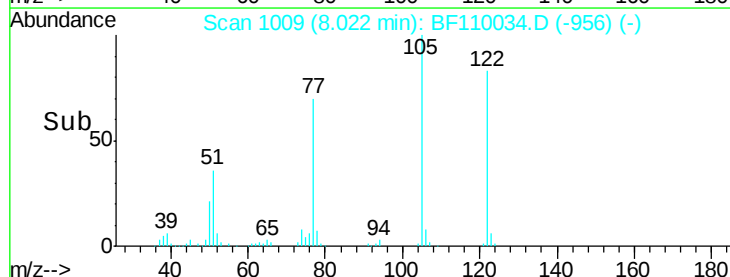
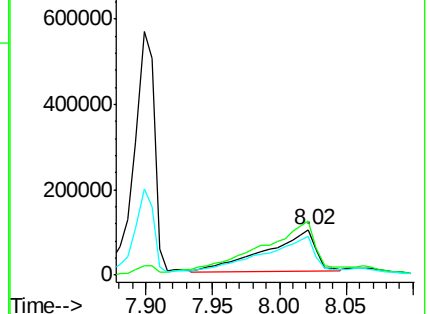
77 86.0 79.0 119.0

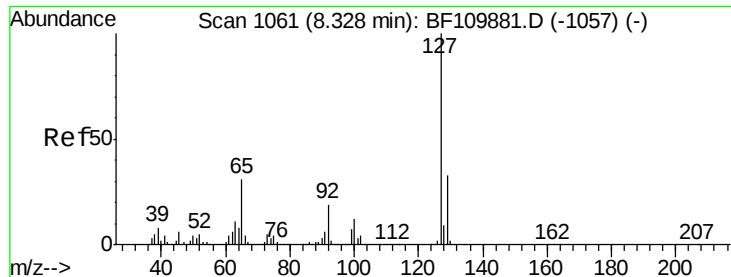


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





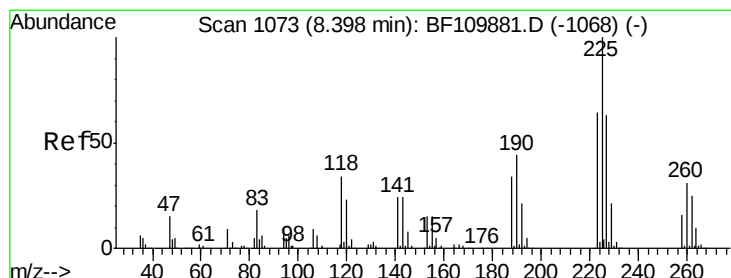
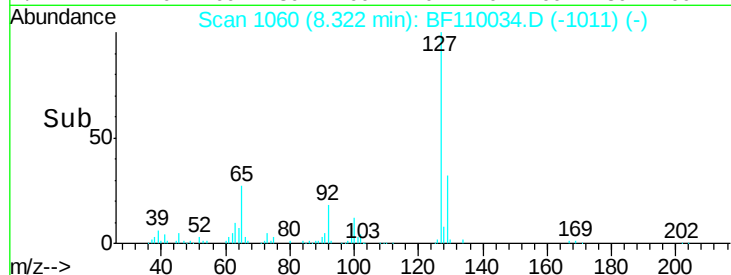
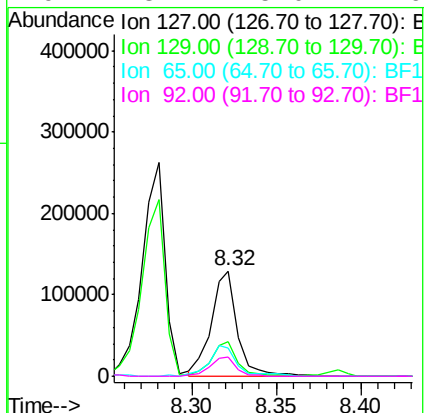
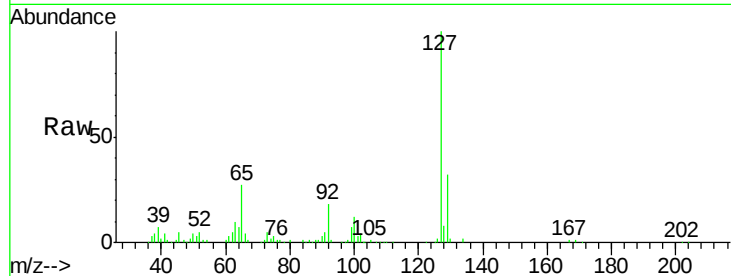
#33
4-Chloroaniline
Concen: 7.467 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

Instrument :
BNA_F
ClientSampleId :
PB113927BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	32.4	26.0	39.0
65	27.1	25.1	37.7
92	18.2	15.0	22.6

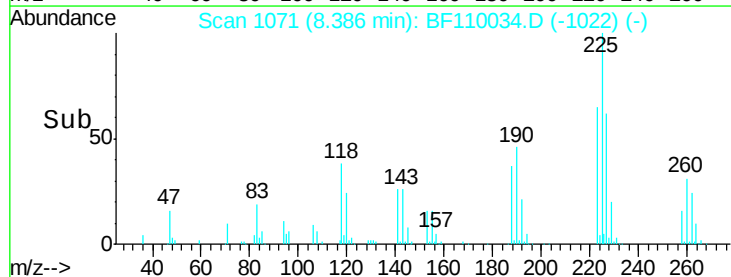
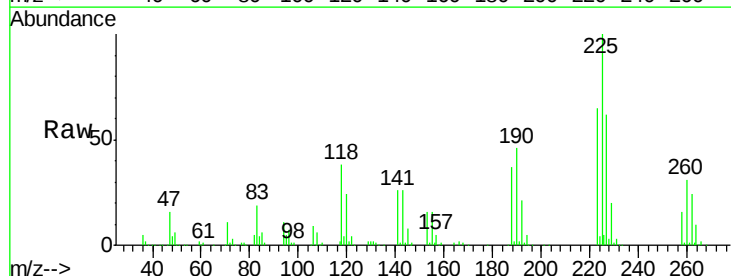
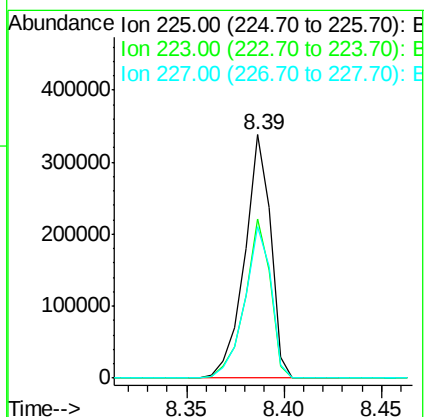
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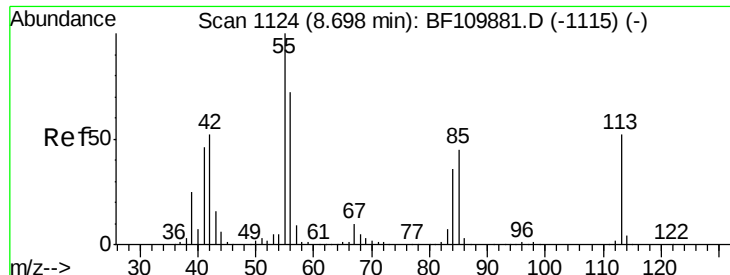
Sohil
10/22/2018 2:55:55 PM



#34
Hexachlorobutadiene
Concen: 40.400 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	65.5	51.4	77.2
227	62.4	51.0	76.6





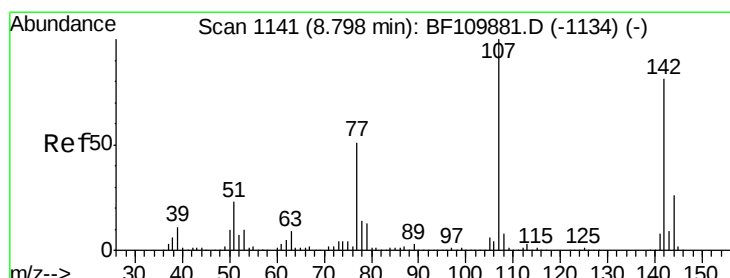
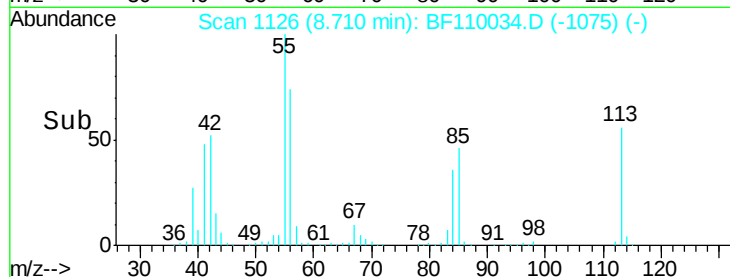
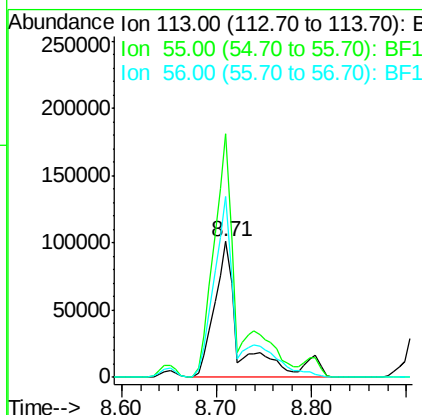
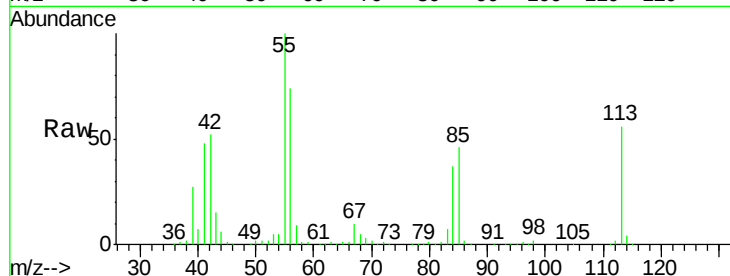
#35
 Caprolactam
 Concen: 43.467 ng m
 RT: 8.71 min Scan# 1126
 Delta R.T. -0.00 min
 Lab File: BF110034.D
 Acq: 20 Oct 2018 6:30

Instrument :
 BNA_F
 ClientSampleId :
 PB113927BSD

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	192882		
55	179.6	142.8	182.8	
56	133.2	105.0	145.0	

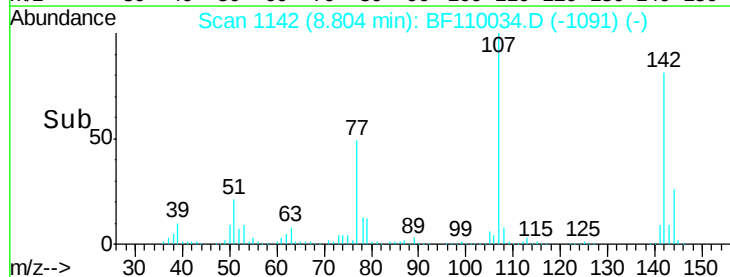
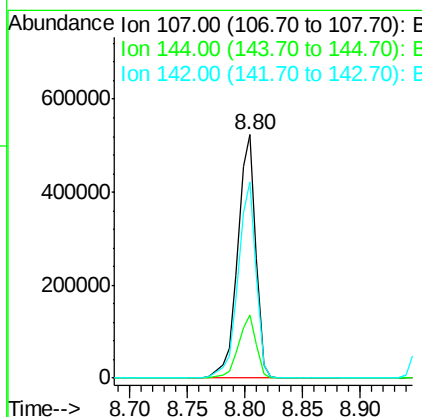
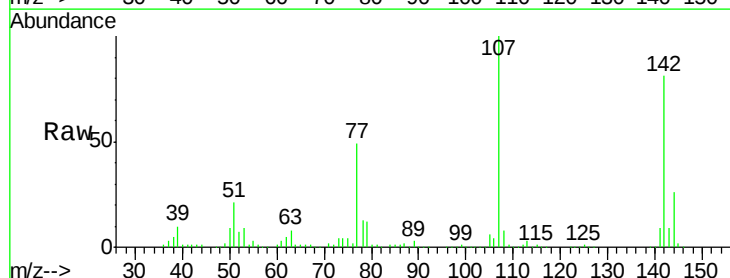
Manual Integrations
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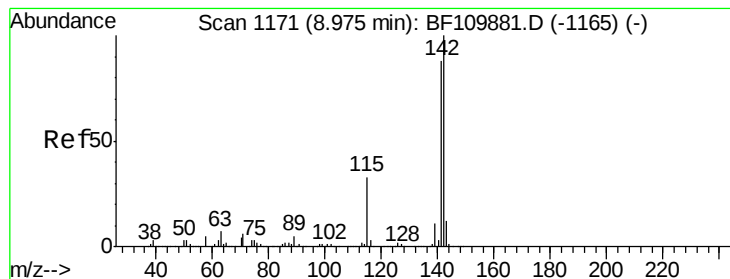
Sohil
 10/22/2018 2:55:55 PM



#36
 4-Chloro-3-methylphenol
 Concen: 43.106 ng
 RT: 8.80 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: BF110034.D
 Acq: 20 Oct 2018 6:30

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	568177		
144	25.8	20.0	30.0	
142	80.8	59.7	89.5	





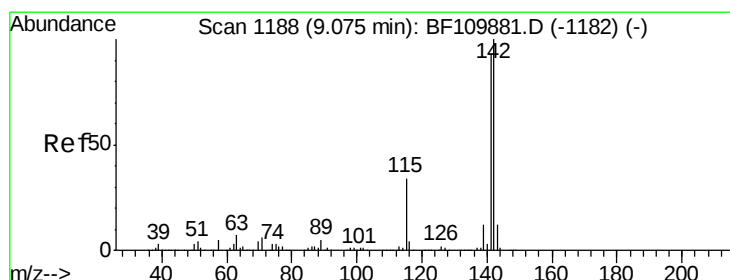
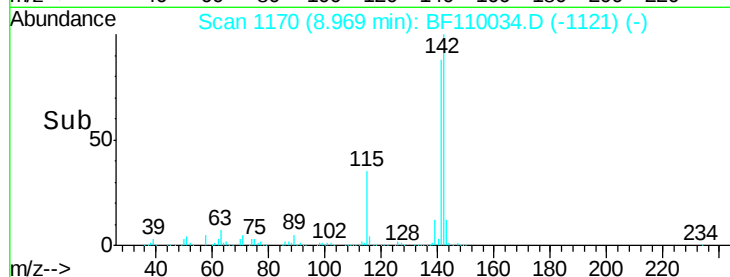
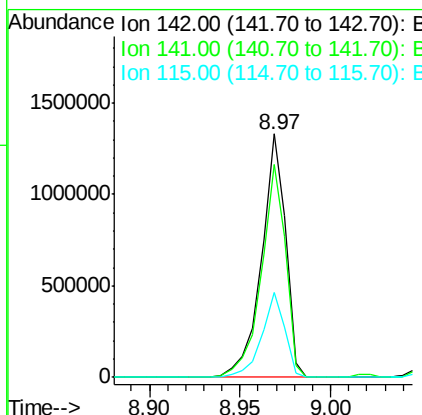
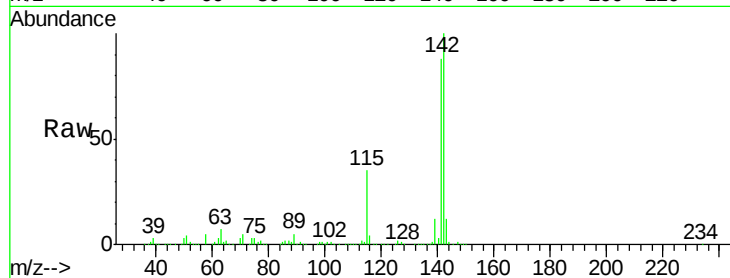
#37
 2-Methylnaphthalene
 Concen: 45.251 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF110034.D
 Acq: 20 Oct 2018 6:30

Instrument :
 BNA_F
 ClientSampleId :
 PB113927BSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.6	71.4	107.2
115	34.9	28.7	43.1

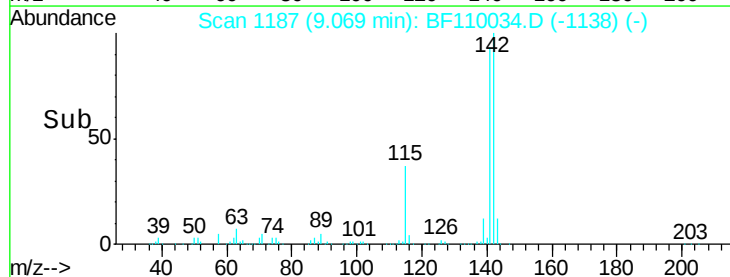
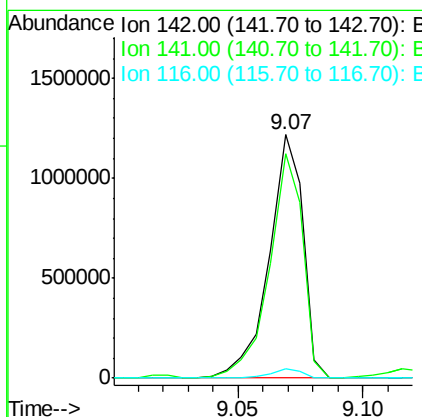
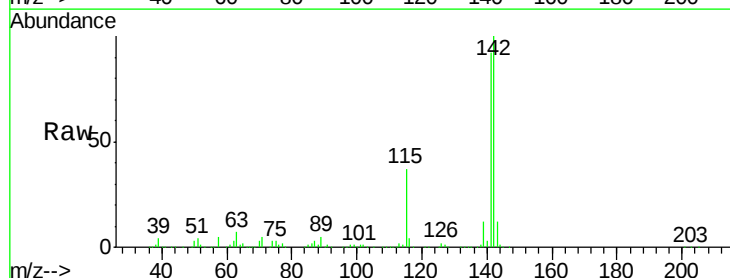
Manual Integrations
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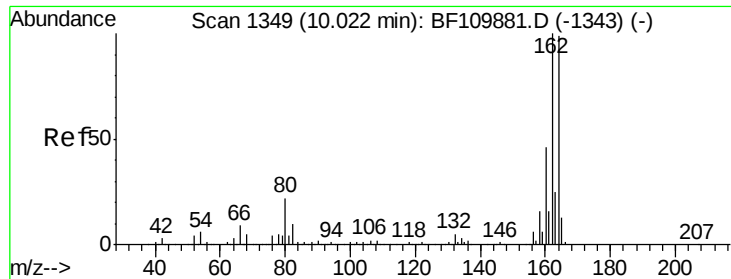
Sohil
 10/22/2018 2:55:55 PM



#38
 1-Methylnaphthalene
 Concen: 44.076 ng m
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF110034.D
 Acq: 20 Oct 2018 6:30

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	74.2	111.4
116	4.1	2.6	4.0#





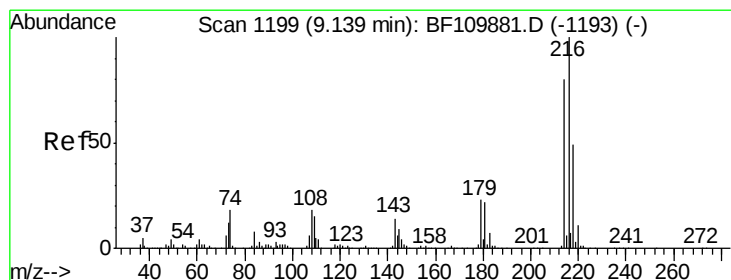
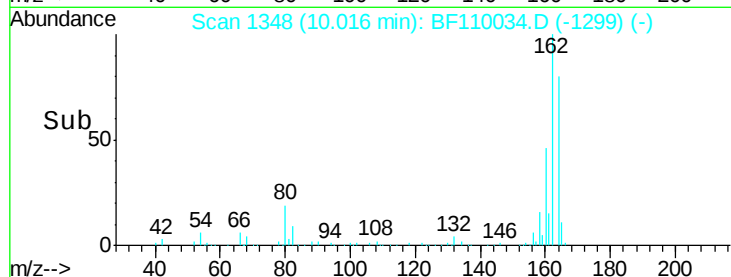
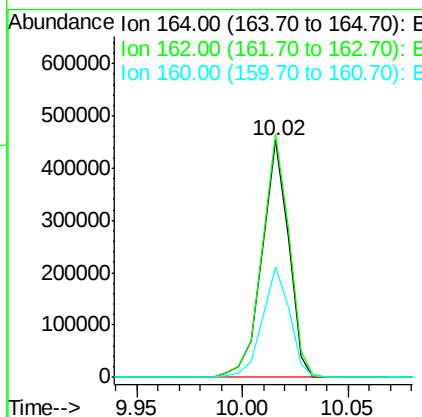
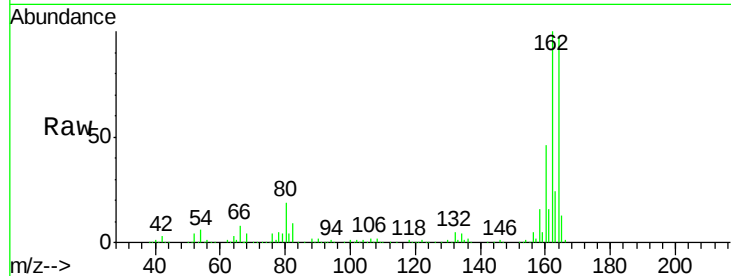
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

Instrument :
BNA_F
ClientSampleId :
PB113927BSD

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	399520		
162	102.7	83.0	124.6	
160	46.8	37.0	55.6	

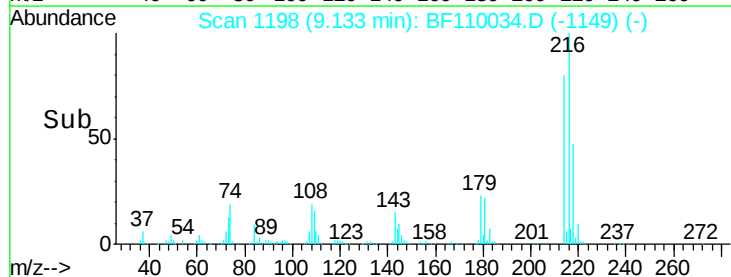
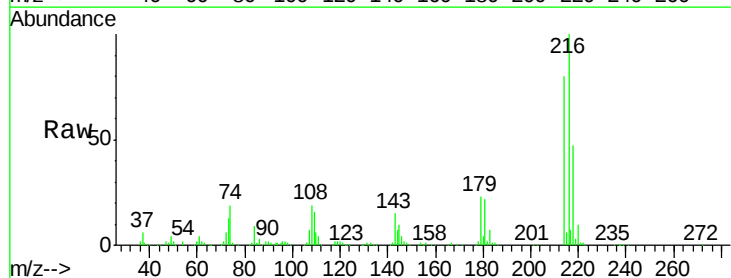
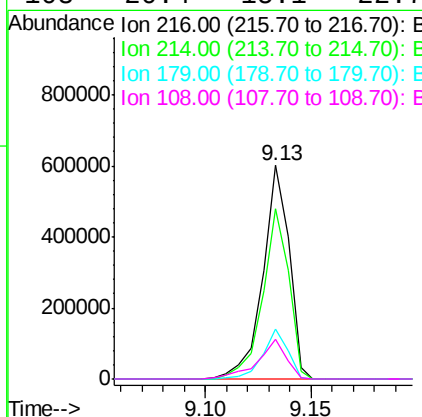
Manual Integrations
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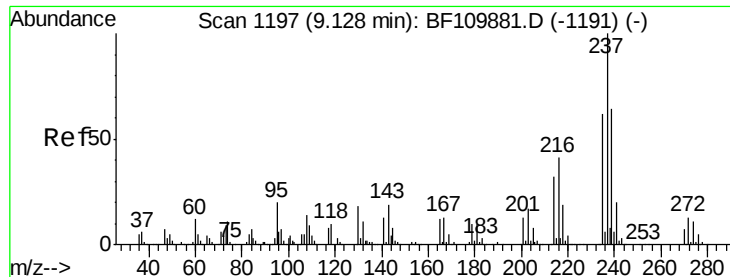
Sohil
10/22/2018 2:55:55 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.546 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	523552		
214	79.2	63.8	95.6	
179	22.3	16.6	25.0	
108	20.4	15.1	22.7	





#41

Hexachlorocyclopentadiene

Concen: 61.298 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

Instrument :

BNA_F

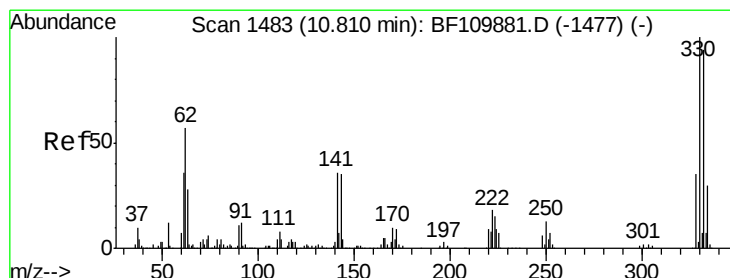
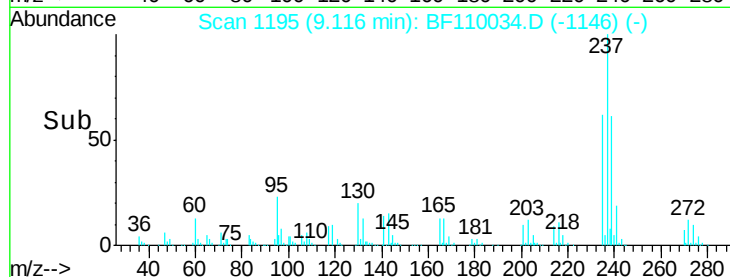
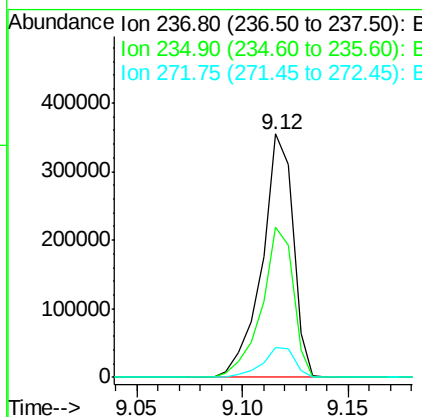
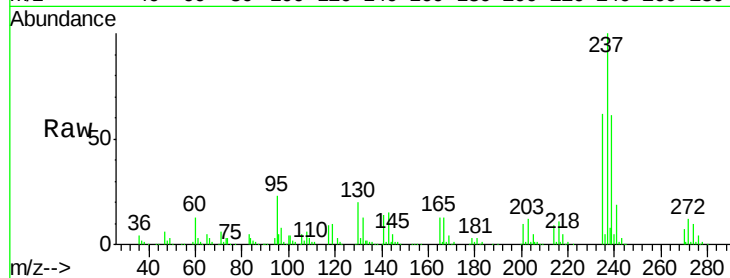
ClientSampleId :

PB113927BSD

Tgt Ion:	237	Resp:	364075
Ion Ratio	Lower	Upper	
237	100		
235	61.8	43.1	83.1
272	12.5	0.0	32.6

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



#42

2,4,6-Tribromophenol

Concen: 87.323 ng

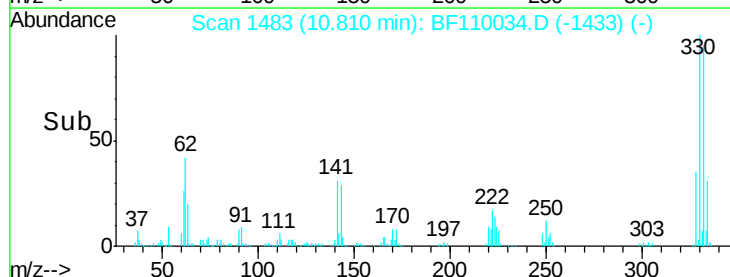
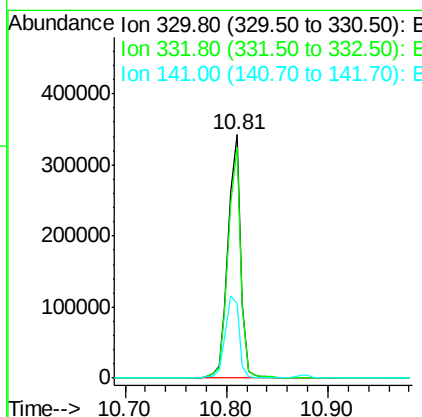
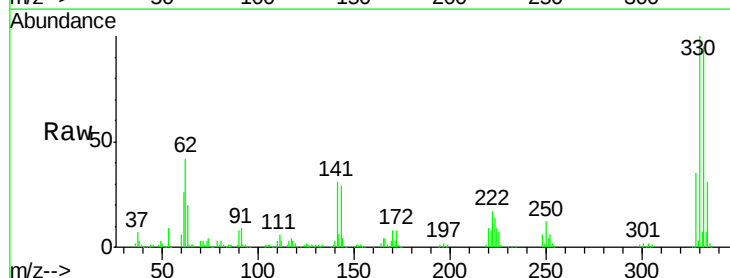
RT: 10.81 min Scan# 1483

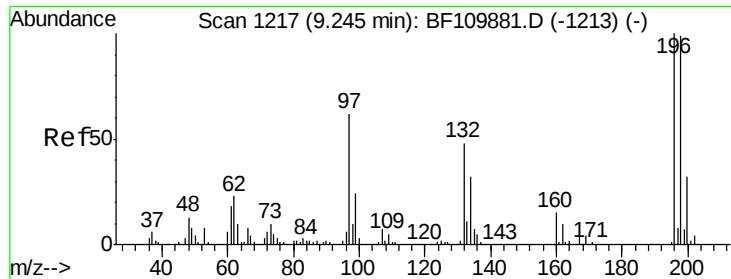
Delta R.T. -0.01 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

Tgt Ion:	330	Resp:	302044
Ion Ratio	Lower	Upper	
330	100		
332	94.7	77.1	115.7
141	36.8	27.0	40.4





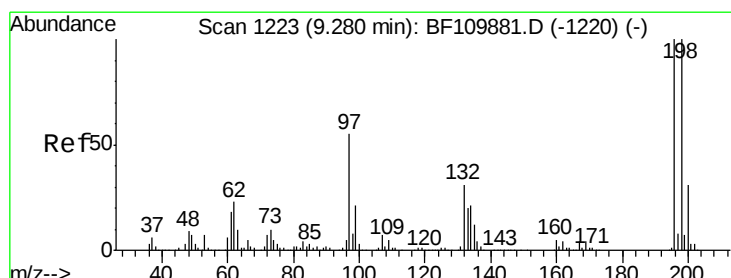
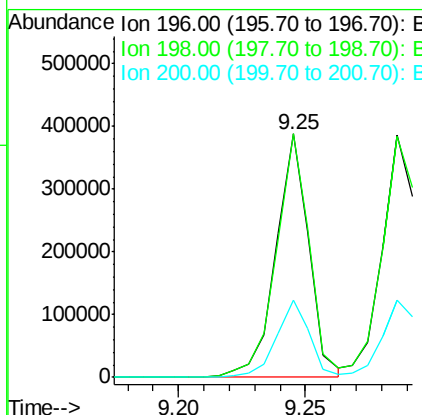
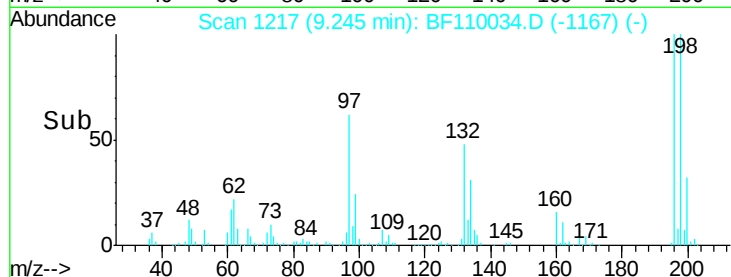
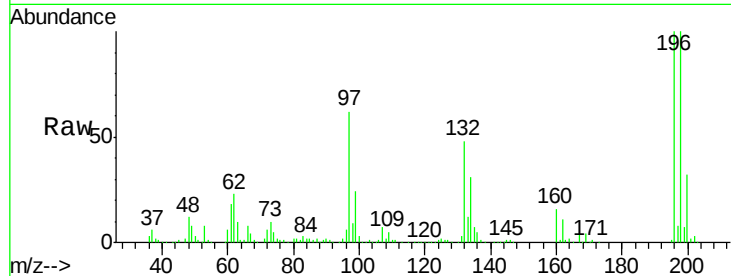
#43
 2,4,6-Trichlorophenol
 Concen: 46.046 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF110034.D
 Acq: 20 Oct 2018 6:30

Instrument :
 BNA_F
 ClientSampleID :
 PB113927BSD

Tgt Ion:	196	Resp:	354305
Ion Ratio	Lower	Upper	
196	100		
198	99.9	76.2	114.4
200	31.6	24.4	36.6

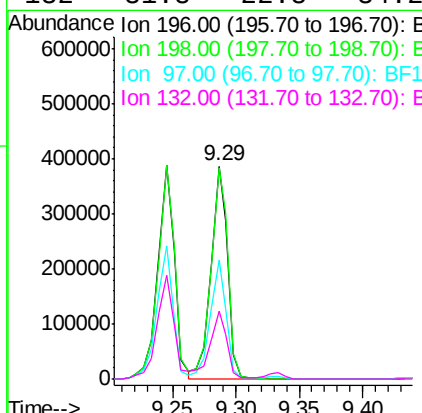
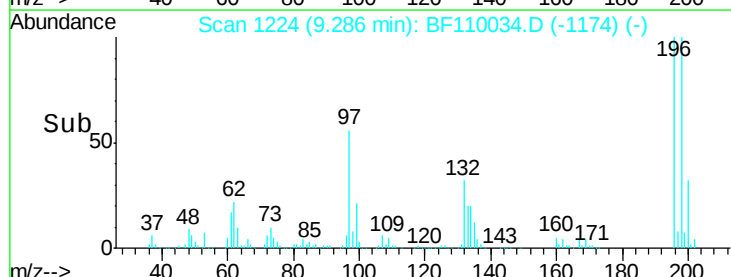
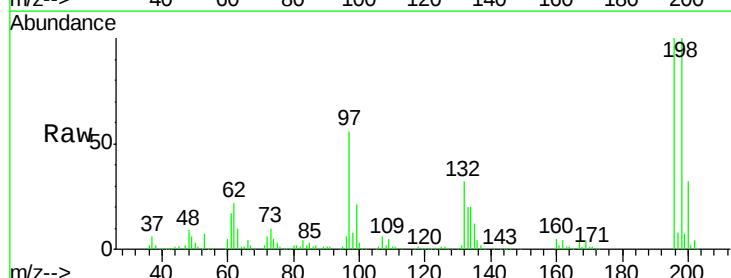
Manual Integrations
 APPROVED

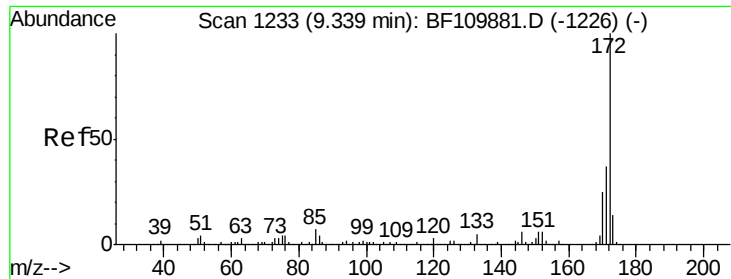
Sohil
 10/22/2018 2:55:55 PM



#44
 2,4,5-Trichlorophenol
 Concen: 44.962 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF110034.D
 Acq: 20 Oct 2018 6:30

Tgt Ion:	196	Resp:	359069
Ion Ratio	Lower	Upper	
196	100		
198	99.5	75.8	113.6
97	56.0	42.4	63.6
132	31.8	22.8	34.2





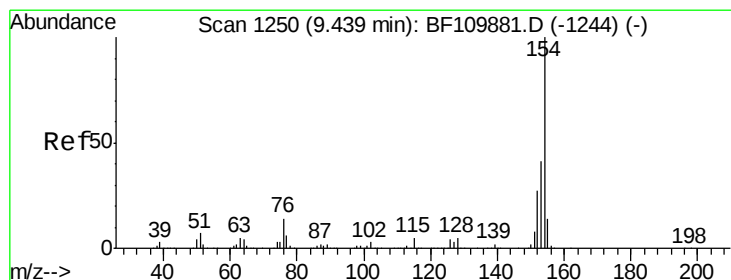
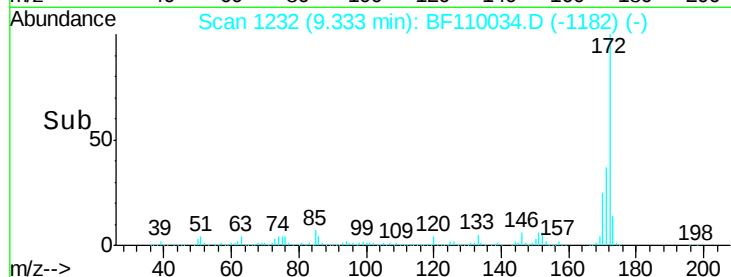
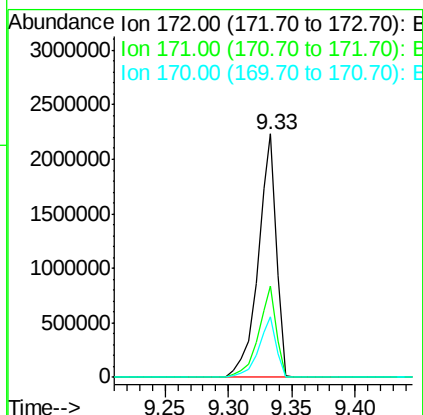
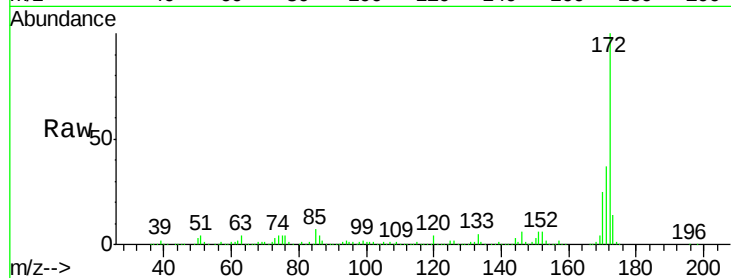
#45
2-Fluorobiphenyl
Concen: 89.610 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

Instrument :
BNA_F
ClientSampleId :
PB113927BSD

Tgt Ion:172 Resp: 2243647
Ion Ratio Lower Upper
172 100
171 37.3 28.6 43.0
170 24.9 19.7 29.5

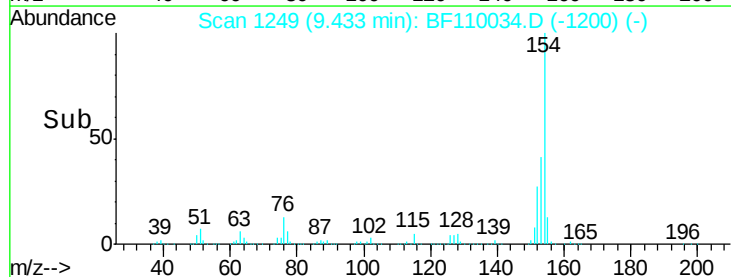
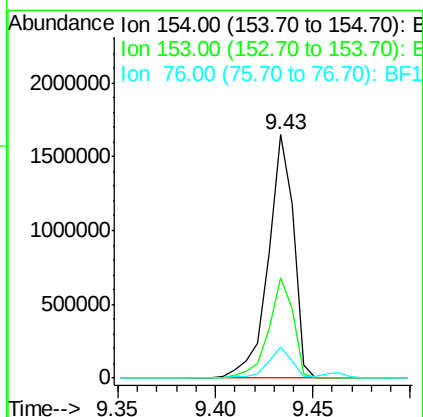
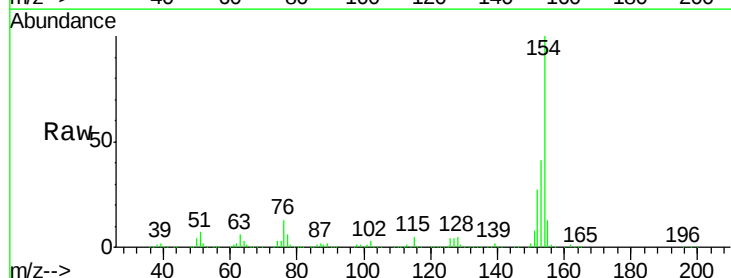
Manual Integrations
APPROVED

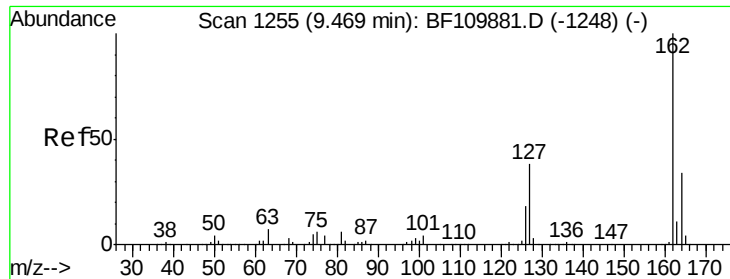
Sohil
10/22/2018 2:55:55 PM



#46
1,1'-Biphenyl
Concen: 41.502 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

Tgt Ion:154 Resp: 1477306
Ion Ratio Lower Upper
154 100
153 41.2 20.4 60.4
76 12.7 0.0 31.9





#47

2-Chloronaphthalene

Concen: 41.351 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

Instrument :

BNA_F

ClientSampleId :

PB113927BSD

Tgt Ion: 162 Resp: 1084216

Ion Ratio Lower Upper

162 100

127 42.4 32.6 48.8

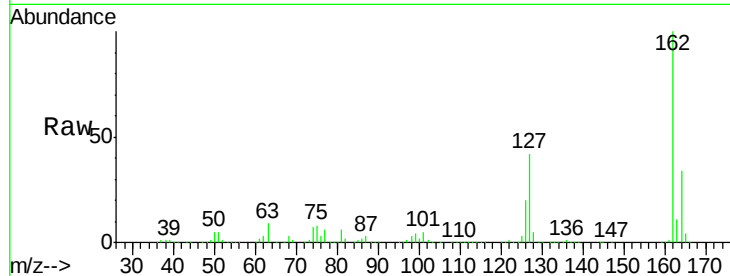
164 33.8 25.9 38.9

Manual Integrations

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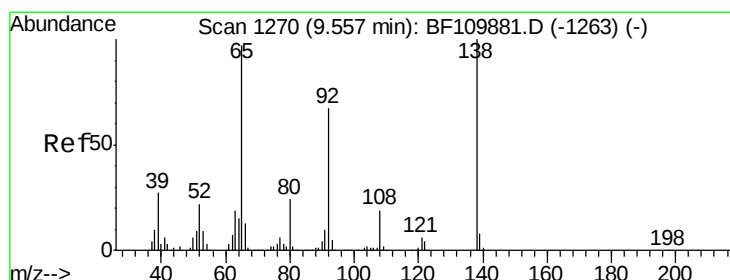
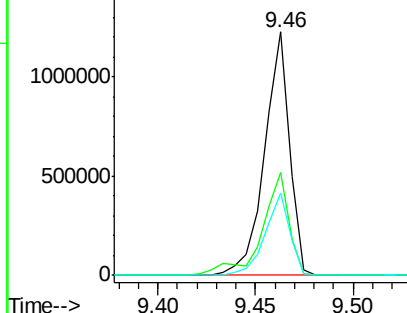
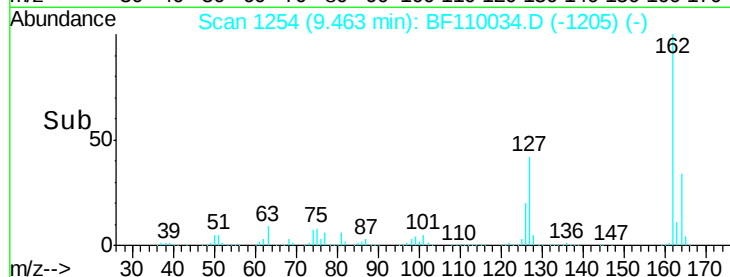
10/22/2018 2:55:55 PM



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 51.594 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

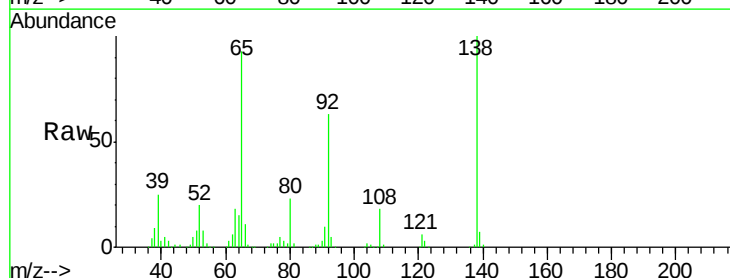
Tgt Ion: 65 Resp: 347160

Ion Ratio Lower Upper

65 100

92 67.2 54.6 81.8

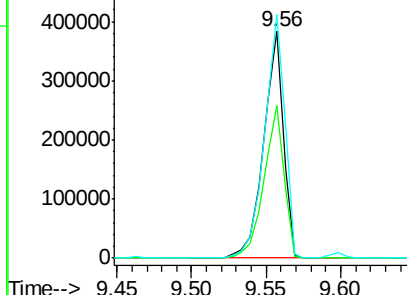
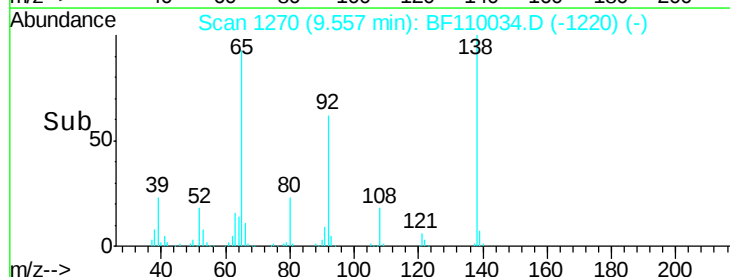
138 107.3 80.3 120.5

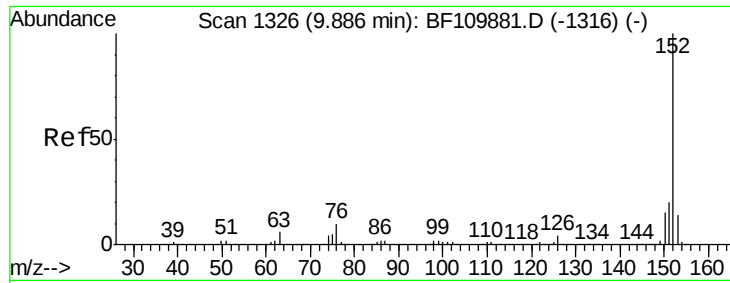


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.818 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

Instrument :

BNA_F

ClientSampleId :

PB113927BSD

Tgt Ion:152 Resp: 1669053

Ion Ratio Lower Upper

152 100

151 21.4 15.8 23.8

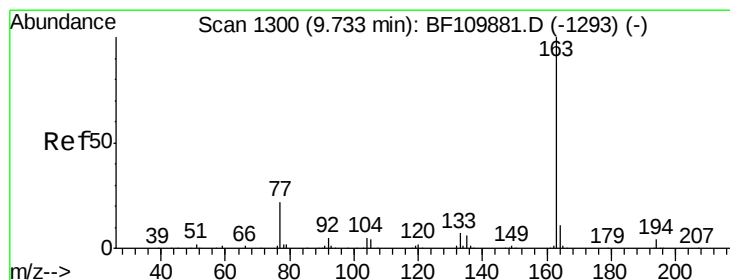
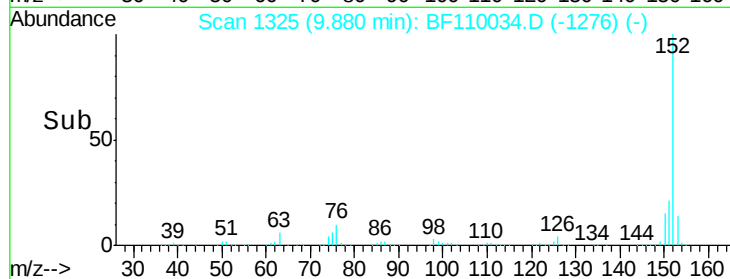
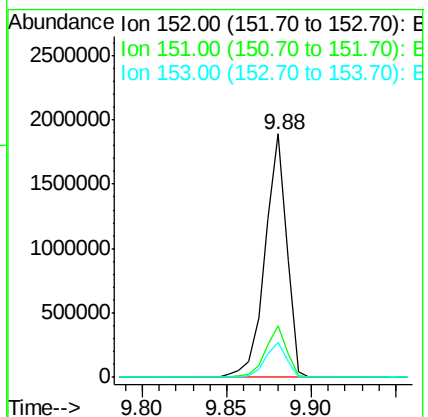
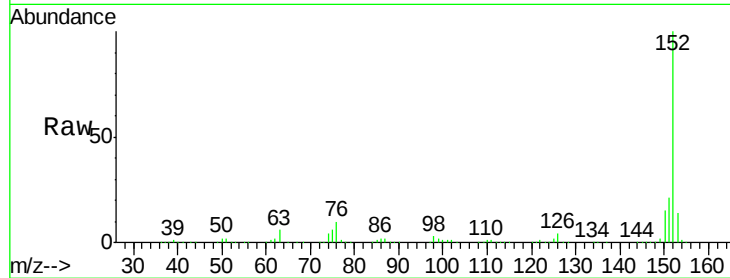
153 14.5 10.4 15.6

Manual Integrations

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#50

Dimethylphthalate

Concen: 45.633 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

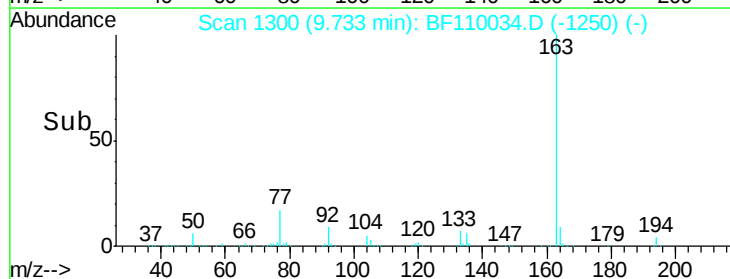
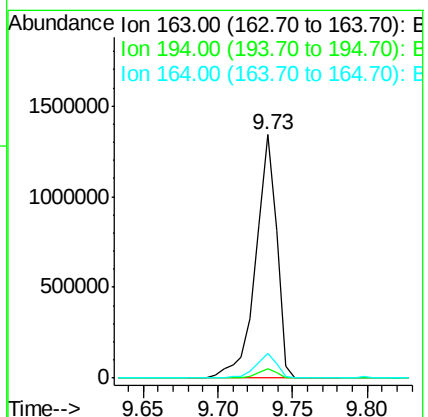
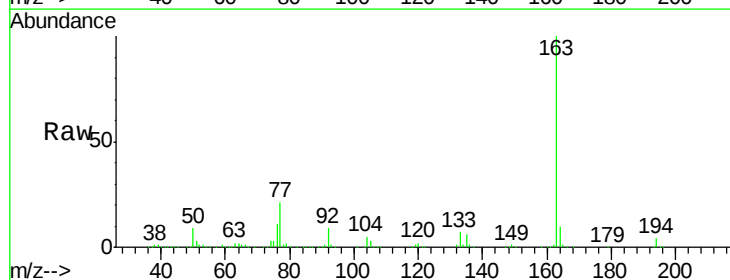
Tgt Ion:163 Resp: 1290931

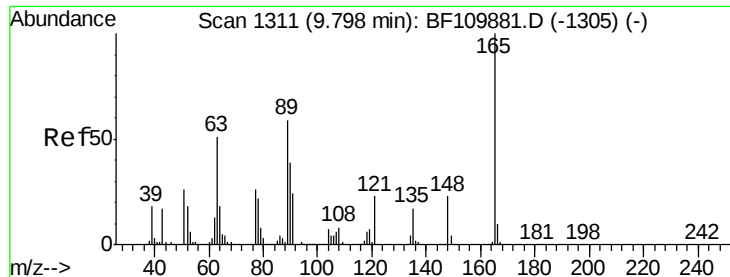
Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

164 10.2 8.1 12.1





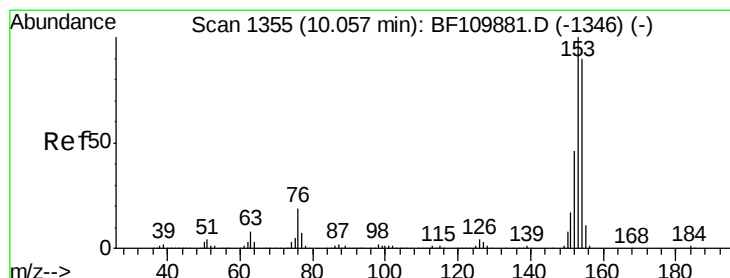
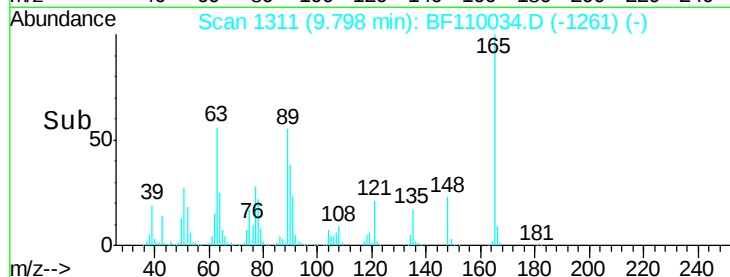
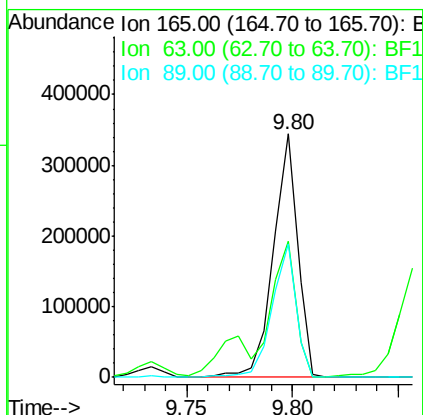
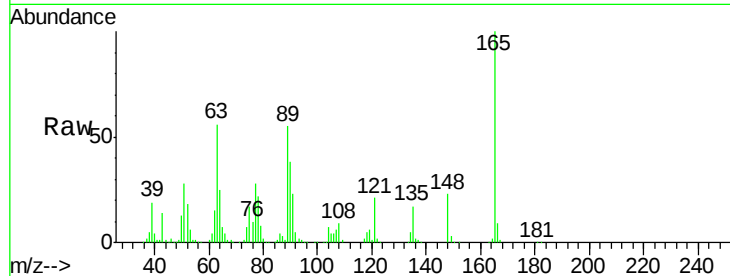
#51
2,6-Dinitrotoluene
Concen: 51.505 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

Instrument :
BNA_F
ClientSampleId :
PB113927BSD

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	55.8	48.9	73.3
89	55.1	46.6	69.8

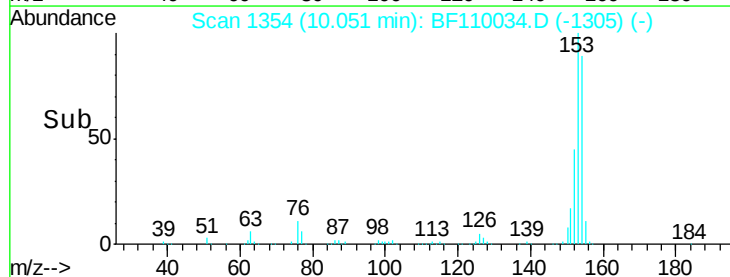
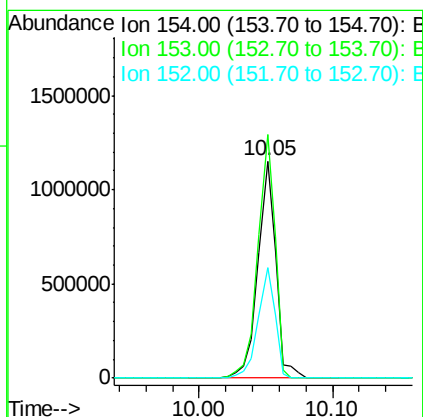
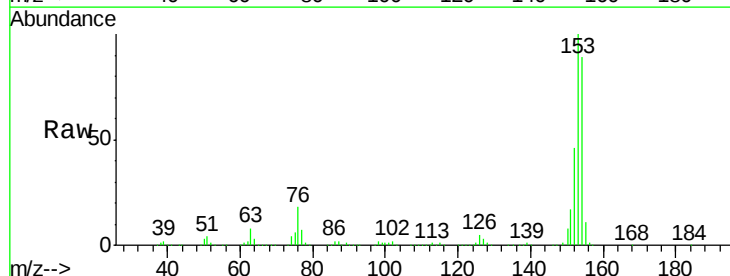
Manual Integrations
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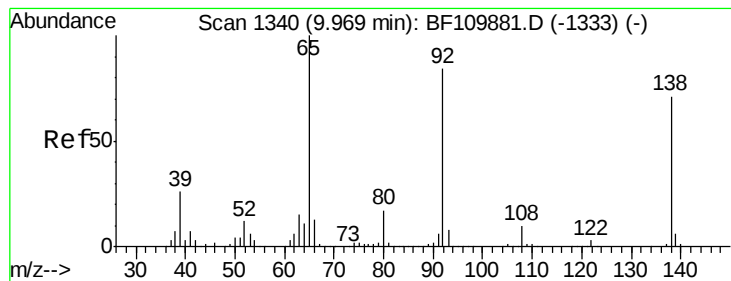
Sohil
10/22/2018 2:55:55 PM



#52
Acenaphthene
Concen: 43.180 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	112.3	90.1	135.1
152	51.2	43.4	65.2





#53

3-Nitroaniline

Concen: 25.477 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF110034.D

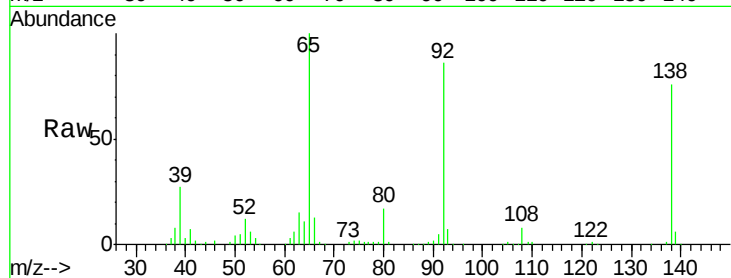
Acq: 20 Oct 2018 6:30

Instrument :

BNA_F

ClientSampleId :

PB113927BSD



Tgt Ion:138 Resp: 166521

Ion Ratio Lower Upper

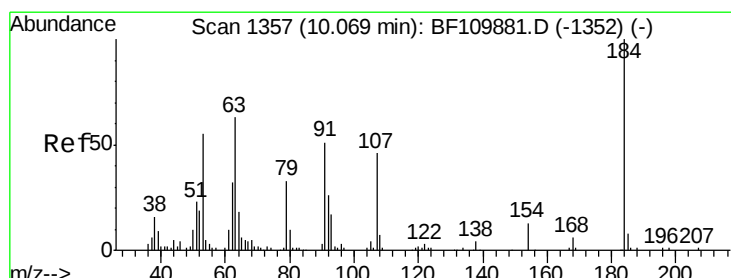
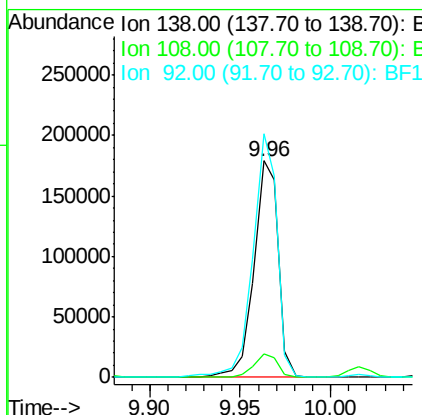
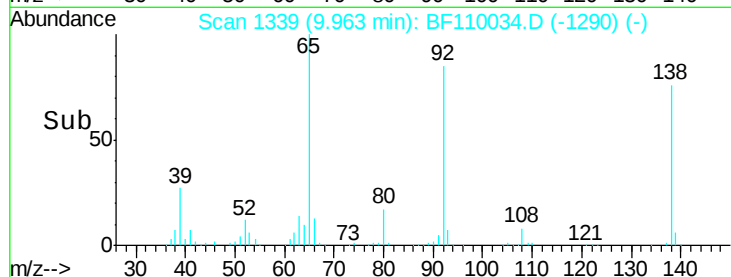
138 100

108 11.0 8.7 13.1

92 112.4 97.0 145.4

Manual Integrations
APPROVED

Sohil
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#54

2,4-Dinitrophenol

Concen: 46.934 ng

RT: 10.07 min Scan# 1357

Delta R.T. -0.01 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

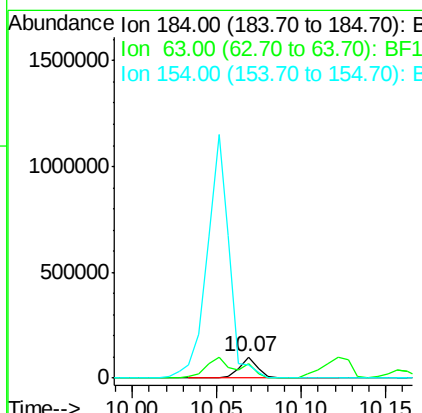
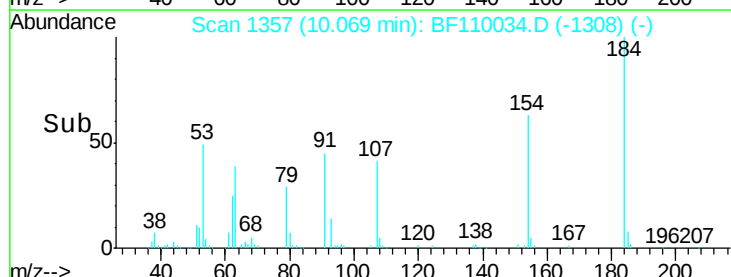
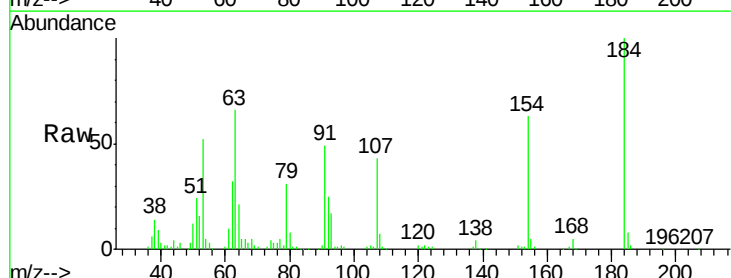
Tgt Ion:184 Resp: 73244

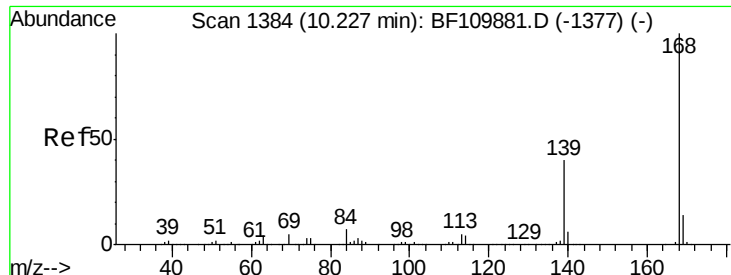
Ion Ratio Lower Upper

184 100

63 66.5 55.8 83.6

154 63.0 63.2 94.8#





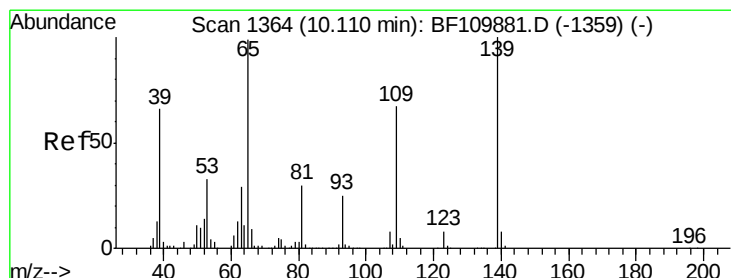
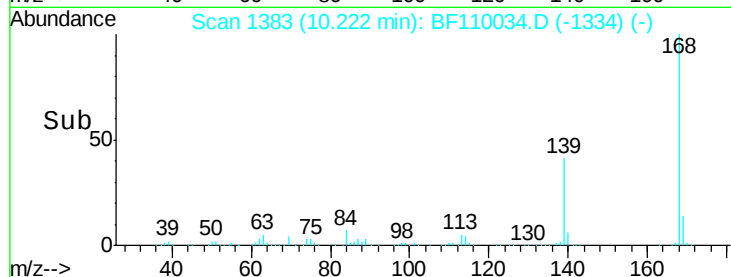
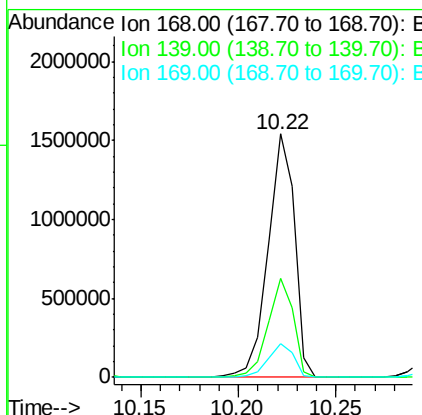
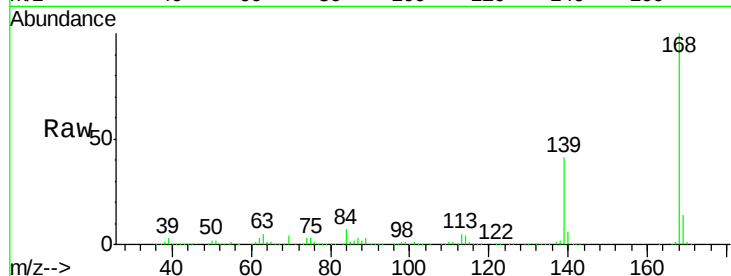
#55
Dibenzenofuran
Concen: 41.887 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

Instrument :
BNA_F
ClientSampleId :
PB113927BSD

Tgt Ion:168 Resp: 1448619
Ion Ratio Lower Upper
168 100
139 40.7 33.0 49.6
169 13.9 11.3 16.9

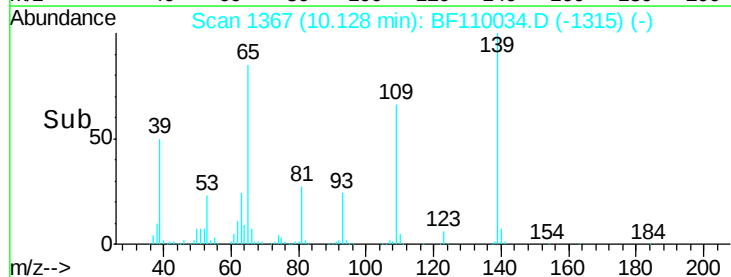
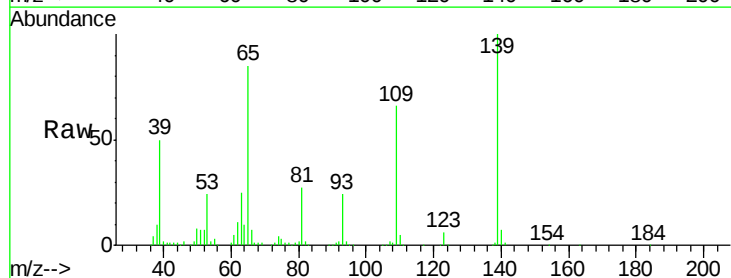
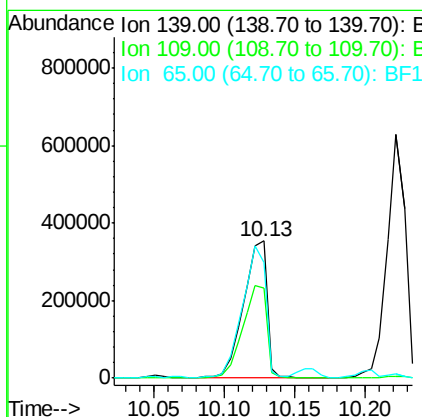
Manual Integrations
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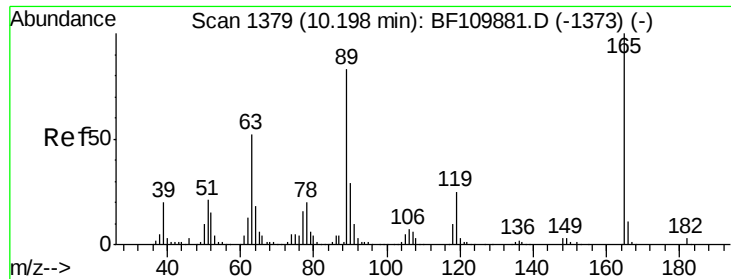
Sohil
10/22/2018 2:55:55 PM



#56
4-Nitrophenol
Concen: 82.987 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

Tgt Ion:139 Resp: 413877
Ion Ratio Lower Upper
139 100
109 66.1 55.8 95.8
65 84.8 77.9 117.9





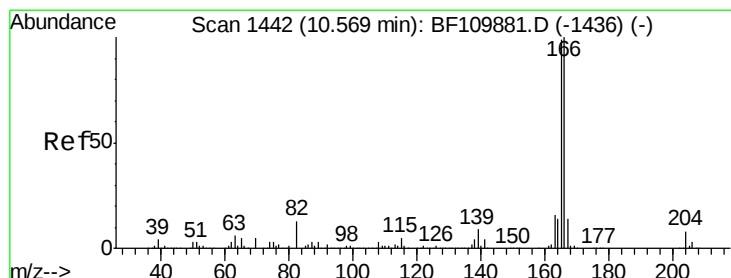
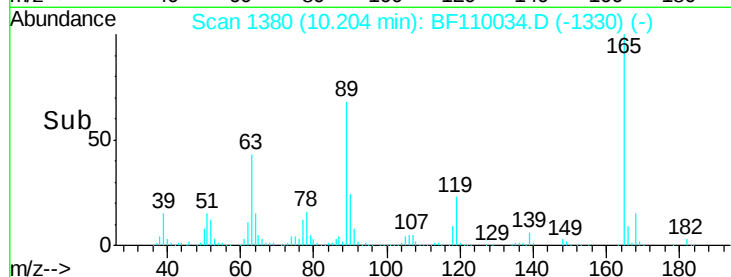
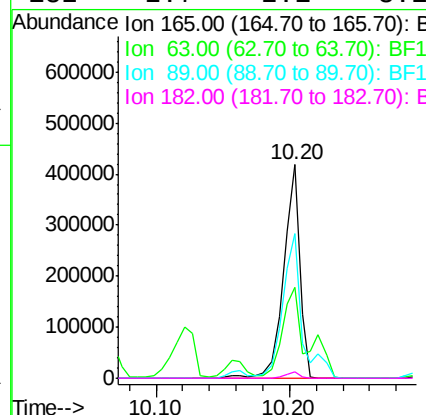
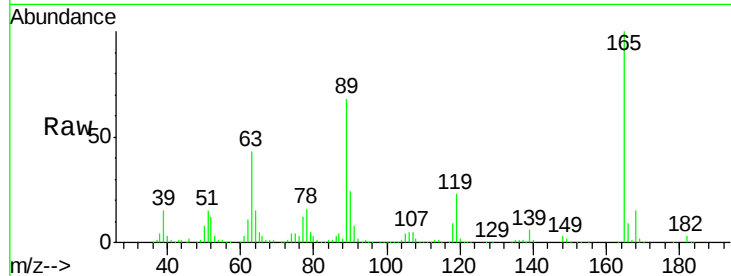
#57
2,4-Dinitrotoluene
Concen: 52.315 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

Instrument :
BNA_F
ClientSampleId :
PB113927BSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	358171		
63	42.7	44.8	67.2	#
89	67.6	62.2	93.4	
182	2.7	2.1	3.1	

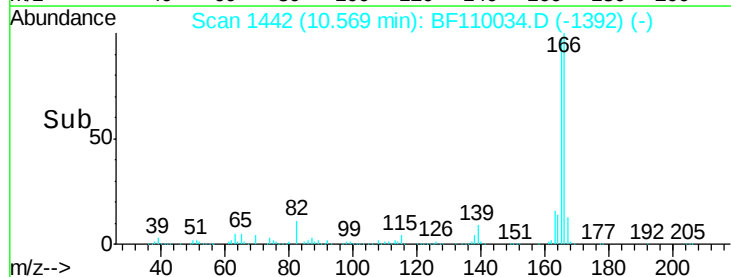
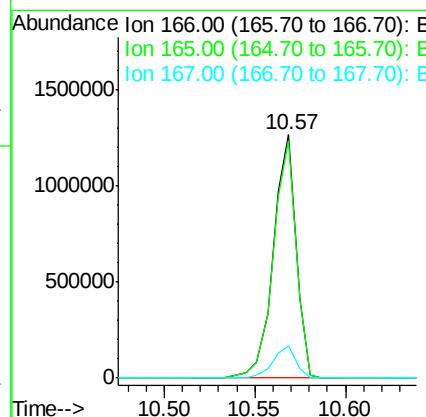
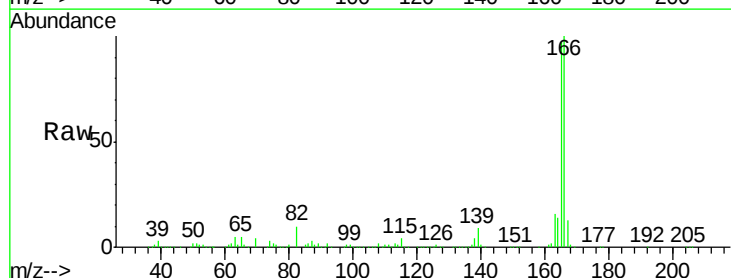
Manual Integrations
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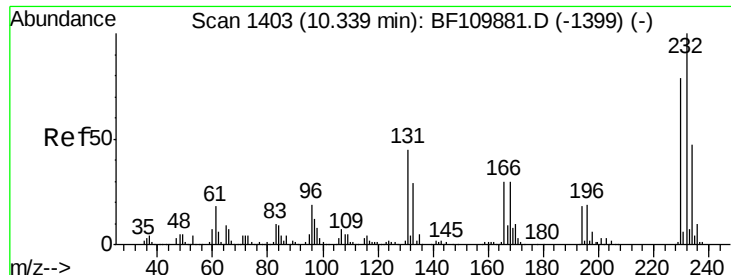
Sohil
10/22/2018 2:55:55 PM



#58
Fluorene
Concen: 43.813 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1103019		
165	97.2	78.6	117.8	
167	13.1	10.8	16.2	





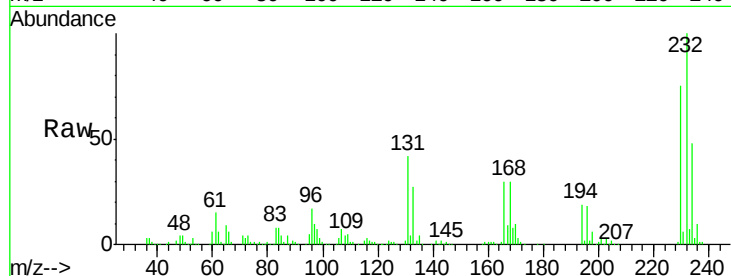
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.250 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF110034.D
 Acq: 20 Oct 2018 6:30

Instrument :
 BNA_F
 ClientSampleId :
 PB113927BSD

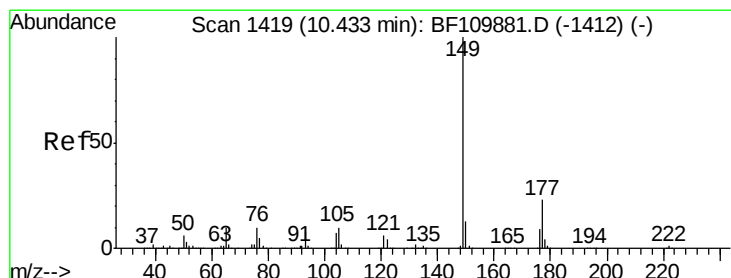
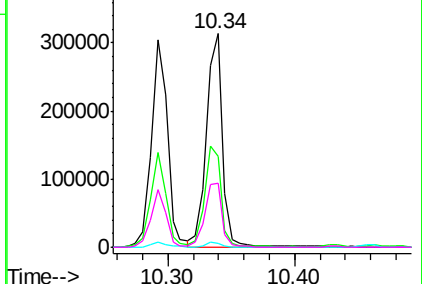
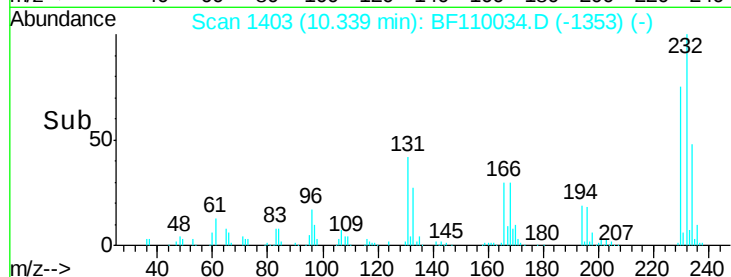
Tgt Ion:	232	Resp:	280067
Ion Ratio	Lower	Upper	
232	100		
131	47.8	37.0	55.4
130	2.2	1.8	2.6
166	31.9	22.0	33.0

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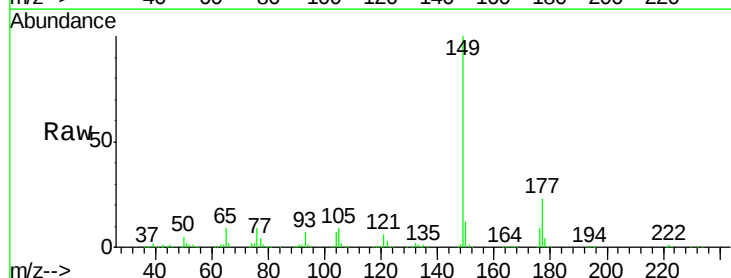


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

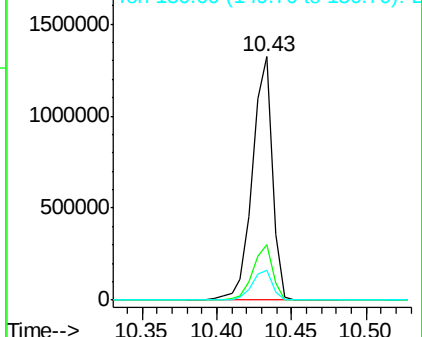
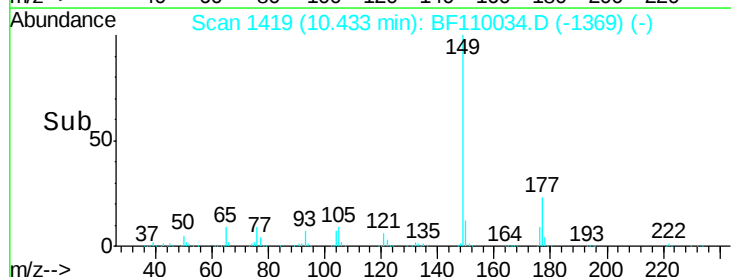


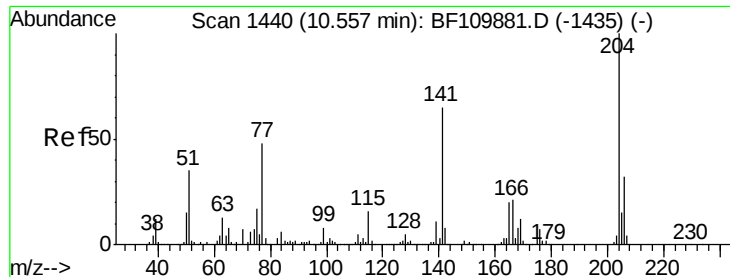
#60
 Diethylphthalate
 Concen: 43.336 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BF110034.D
 Acq: 20 Oct 2018 6:30

Tgt Ion:	149	Resp:	1210859
Ion Ratio	Lower	Upper	
149	100		
177	22.9	17.4	26.2
150	12.5	9.8	14.8



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





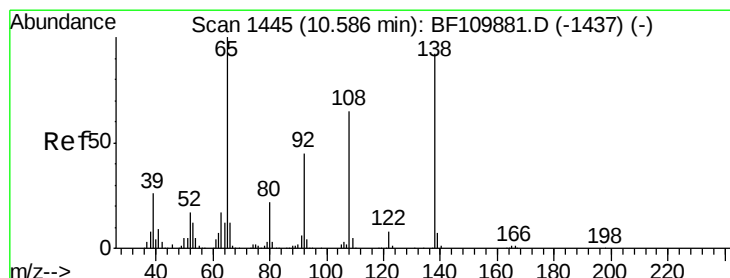
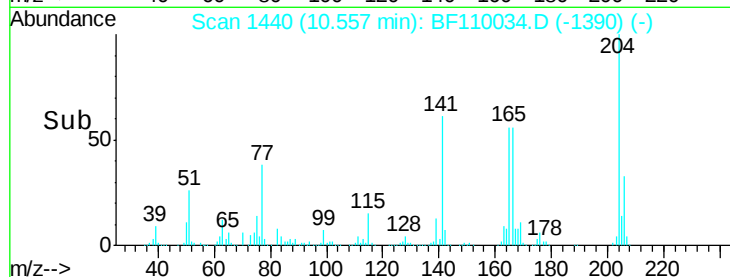
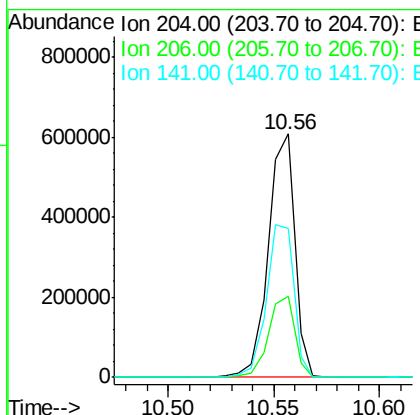
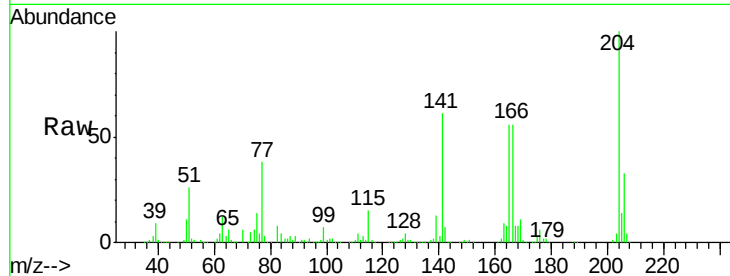
#61
4-Chlorophenyl-phenylether
Concen: 40.465 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

Instrument :
BNA_F
ClientSampleId :
PB113927BSD

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.5	39.7
141	61.2	51.8	77.8

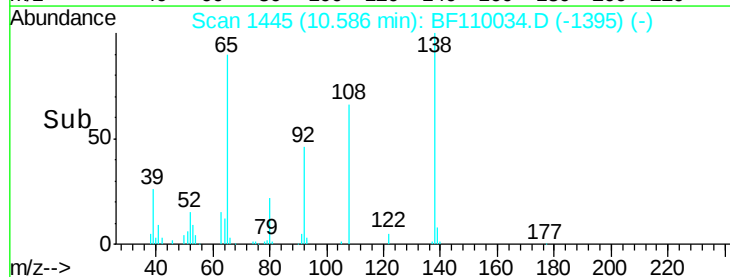
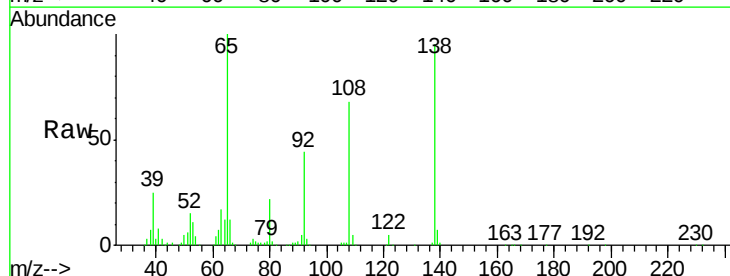
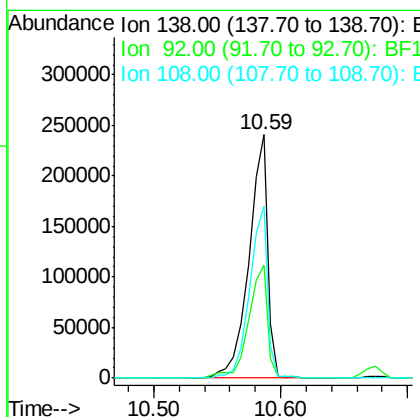
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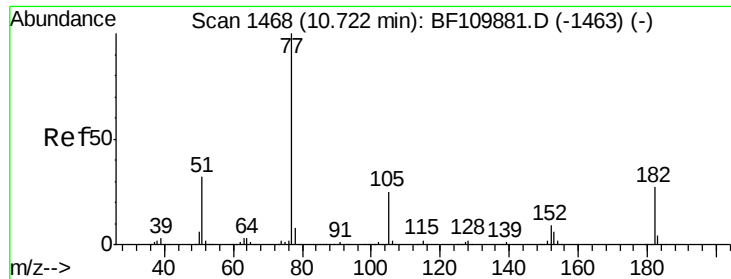
Sohil
10/22/2018 2:55:55 PM



#62
4-Nitroaniline
Concen: 40.220 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.2	31.7	71.7
108	70.7	59.3	99.3





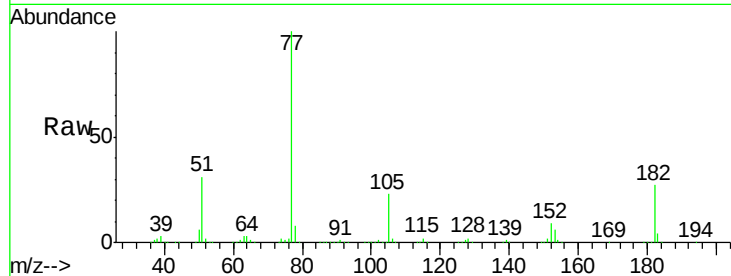
#63
Azobenzene
Concen: 39.344 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

Instrument :
BNA_F
ClientSampleId :
PB113927BSD

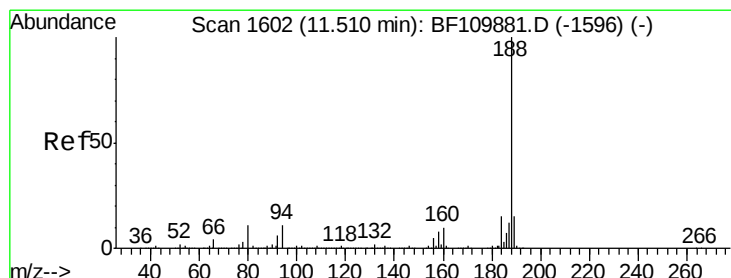
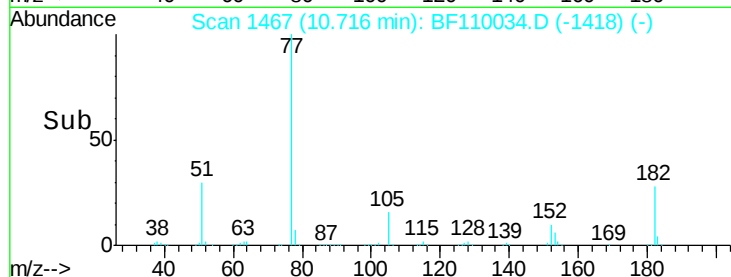
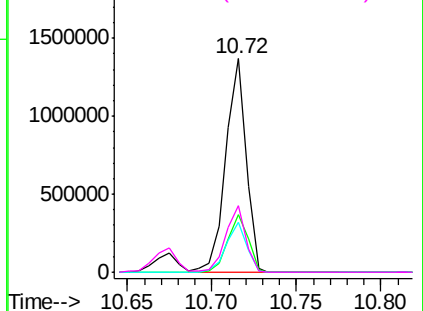
Tgt Ion: 77 Resp: 1148452
Ion Ratio Lower Upper
77 100
182 27.0 4.3 44.3
105 23.4 1.3 41.3
51 31.2 9.0 49.0

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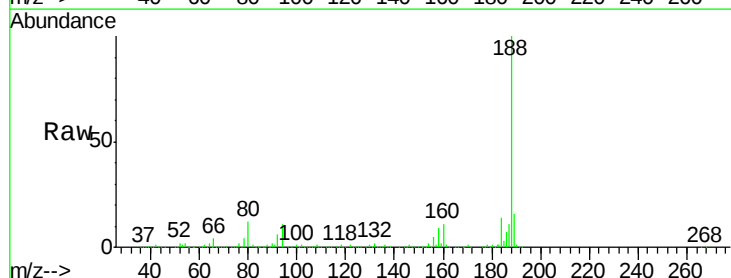


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

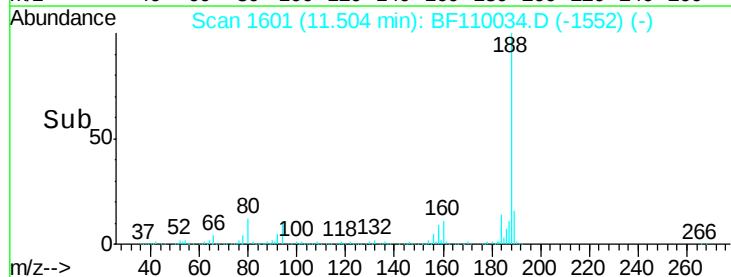
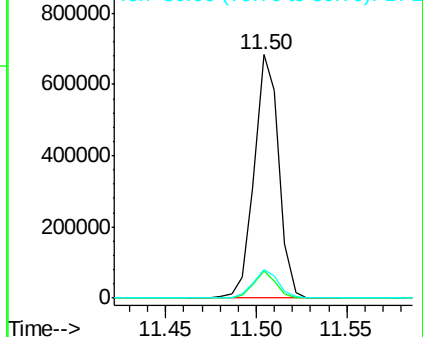


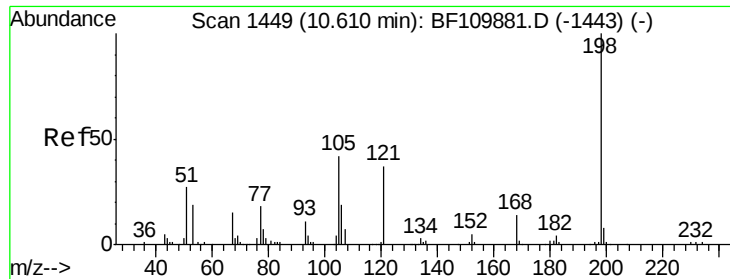
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

Tgt Ion: 188 Resp: 640835
Ion Ratio Lower Upper
188 100
94 11.0 7.2 10.8#
80 12.0 7.9 11.9#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 29.831 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.01 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

Instrument :

BNA_F

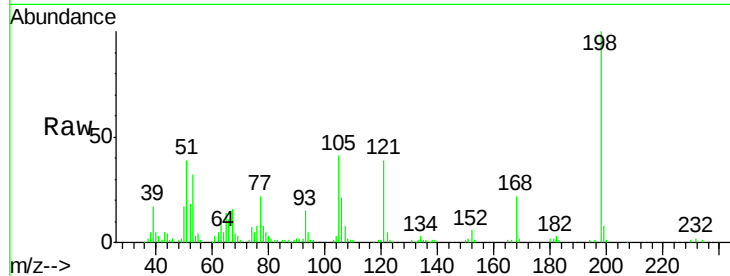
ClientSampleID :

PB113927BSD

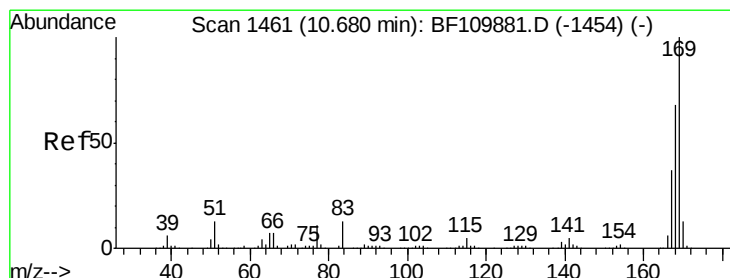
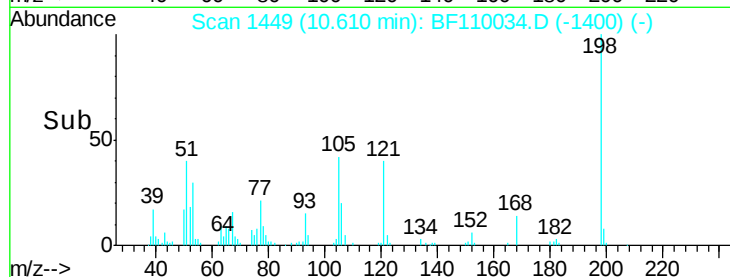
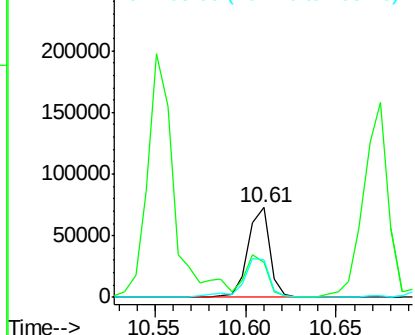
Tgt Ion:	198	Resp:	60940
Ion Ratio	Lower	Upper	
198	100		
51	39.3	22.8	62.8
105	41.1	23.6	63.6

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 47.219 ng

RT: 10.67 min Scan# 1460

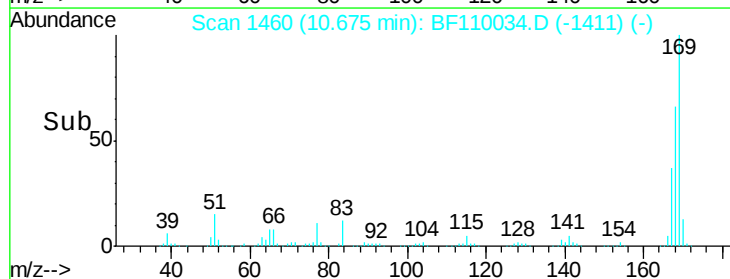
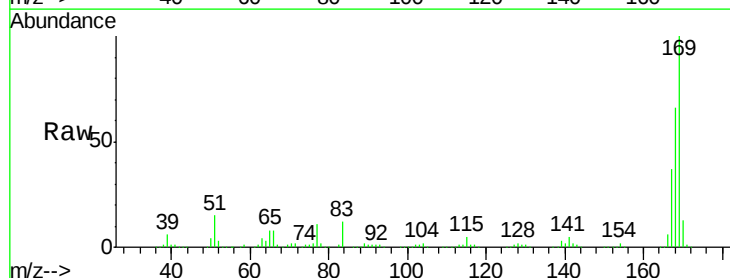
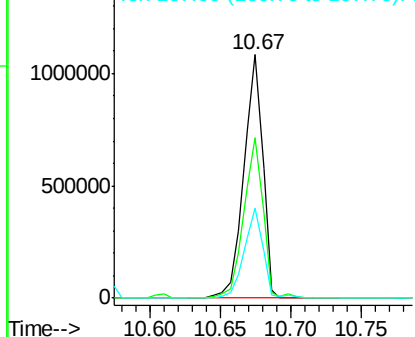
Delta R.T. -0.01 min

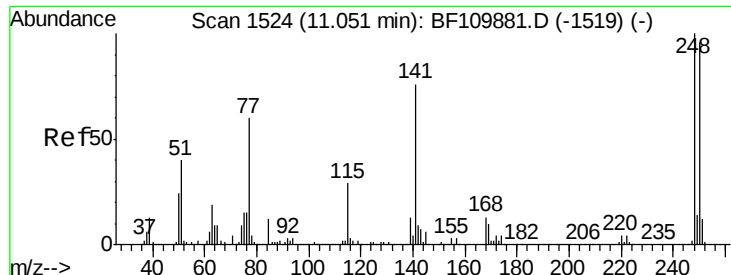
Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

Tgt Ion:	169	Resp:	1007822
Ion Ratio	Lower	Upper	
169	100		
168	65.8	51.2	76.8
167	37.0	27.8	41.6

Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





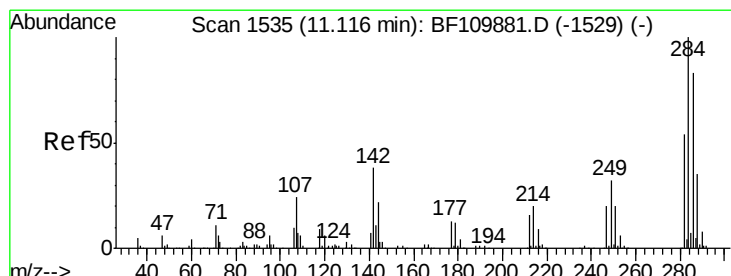
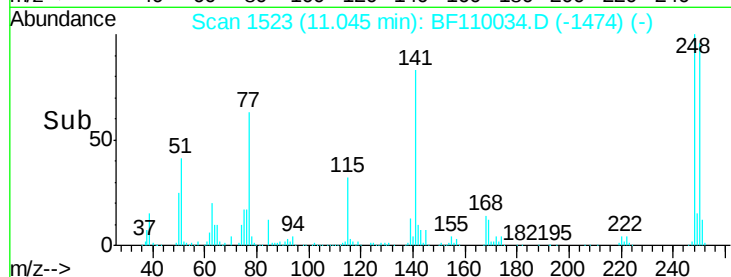
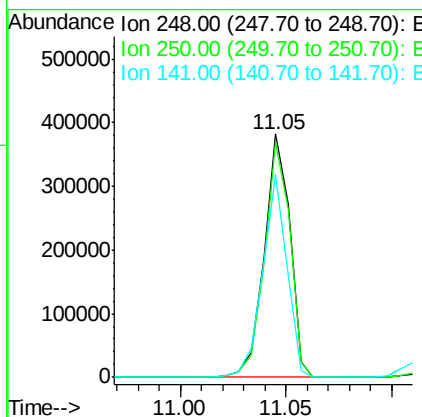
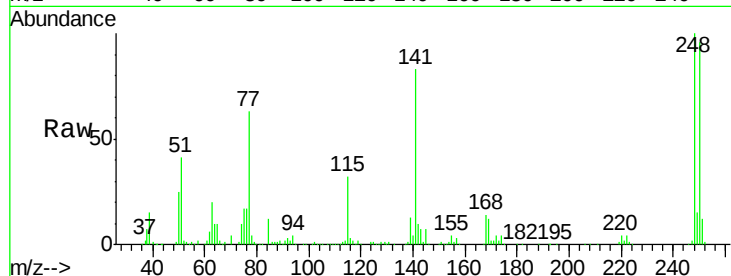
#67
 4-Bromophenyl-phenylether
 Concen: 46.795 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BF110034.D
 Acq: 20 Oct 2018 6:30

Instrument :
 BNA_F
 ClientSampleId :
 PB113927BSD

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	324988		
250	96.1	79.4	119.2	
141	83.1	55.9	83.9	

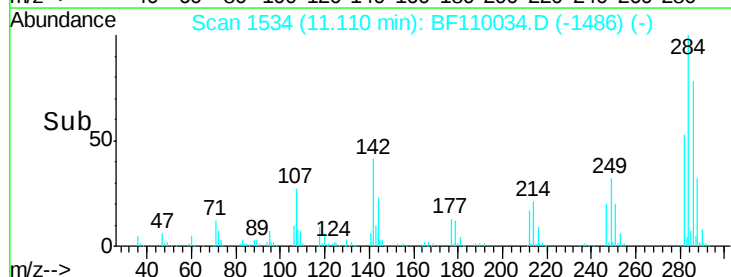
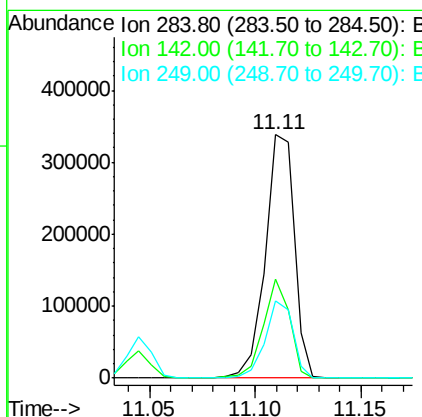
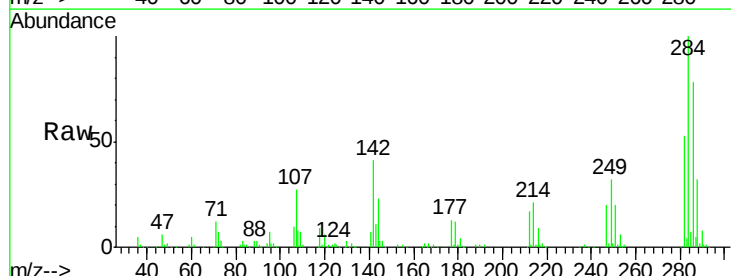
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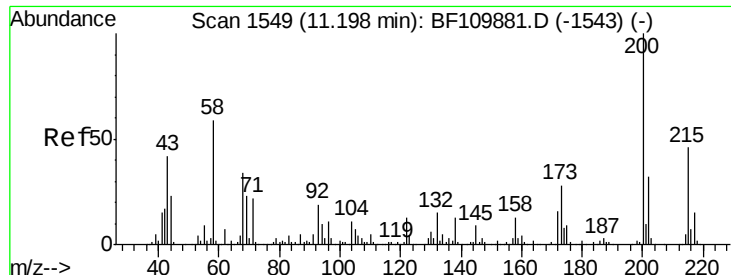
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#68
 Hexachlorobenzene
 Concen: 43.792 ng
 RT: 11.11 min Scan# 1534
 Delta R.T. -0.02 min
 Lab File: BF110034.D
 Acq: 20 Oct 2018 6:30

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	324322		
142	40.6	23.9	35.9#	
249	31.6	24.2	36.2	





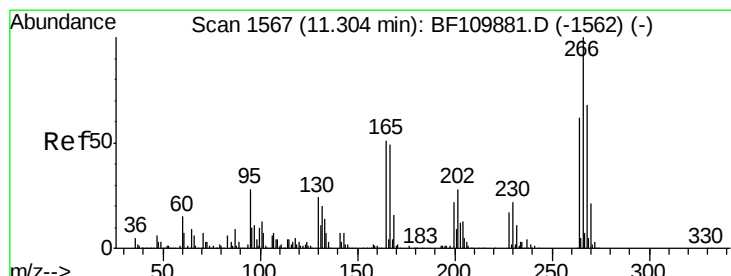
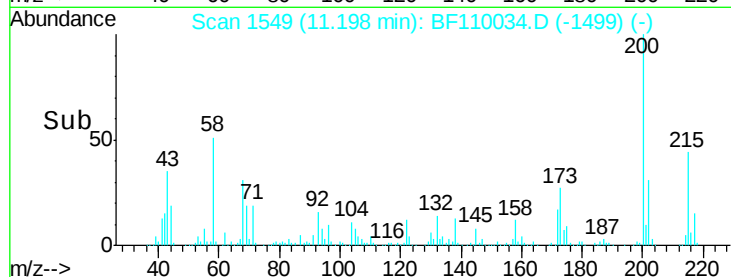
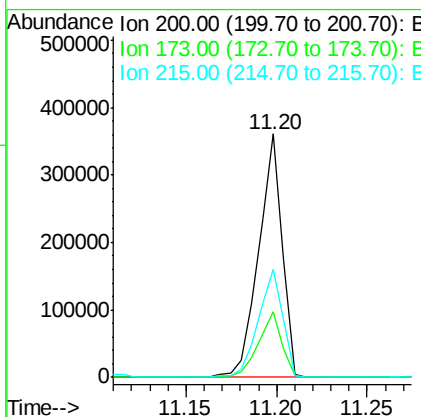
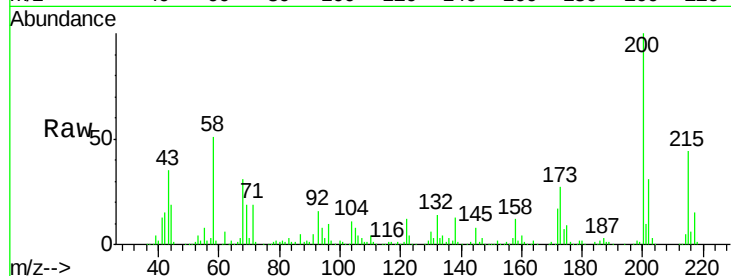
#69
Atrazine
Concen: 48.926 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

Instrument :
BNA_F
ClientSampleId :
PB113927BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.8	6.6	46.6
215	44.2	26.3	66.3

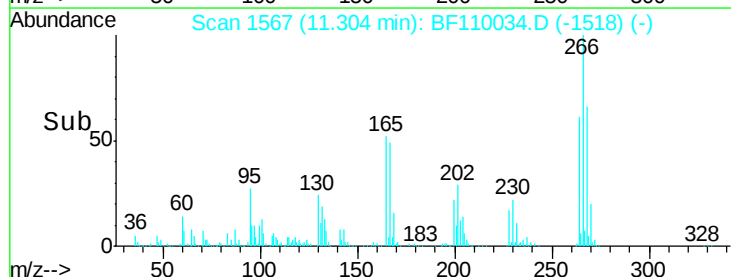
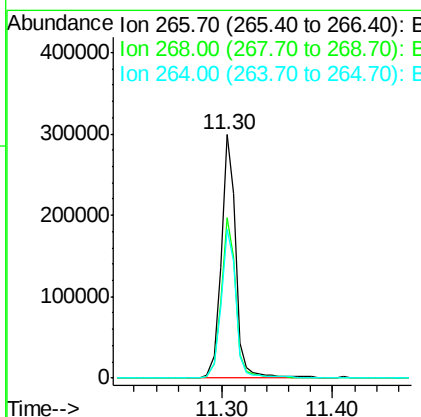
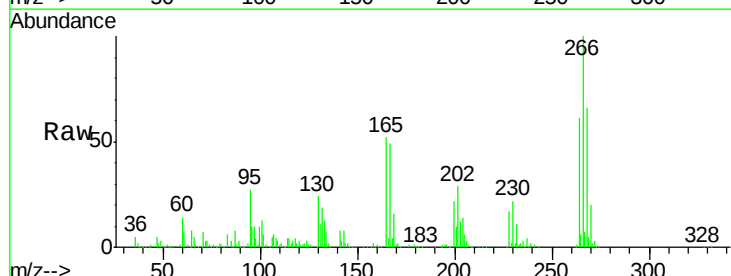
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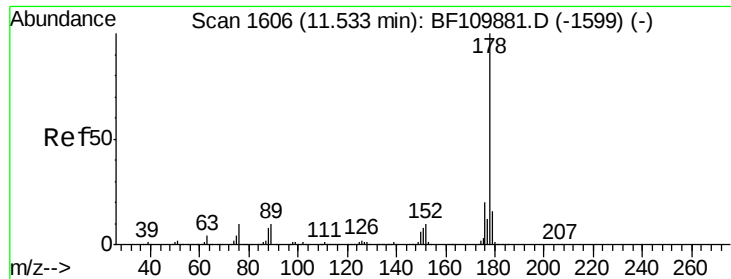
Sohil
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#70
Pentachlorophenol
Concen: 65.772 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	65.9	50.6	75.8
264	61.2	50.6	75.8





#71

Phenanthrene

Concen: 44.643 ng

RT: 11.53 min Scan# 1606

Delta R.T. -0.01 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

Instrument :

BNA_F

ClientSampleId :

PB113927BSD

Tgt Ion:178 Resp: 1481085

Ion Ratio Lower Upper

178 100

176 20.1 15.5 23.3

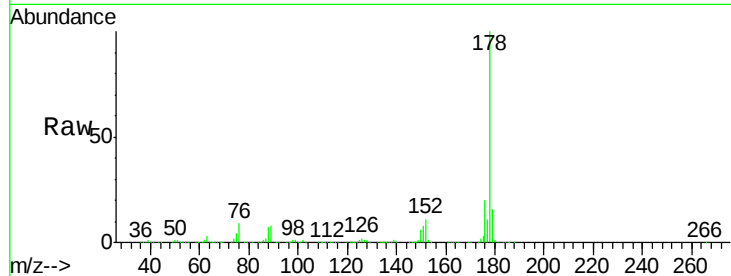
179 15.9 12.5 18.7

Manual Integrations

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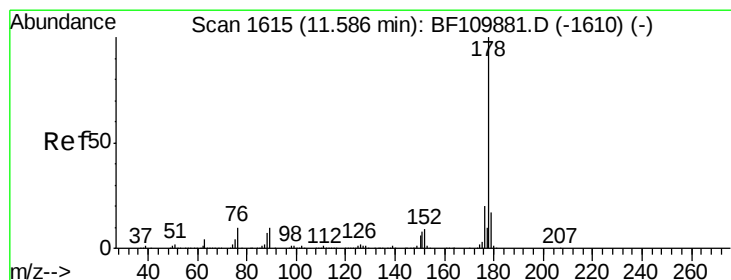
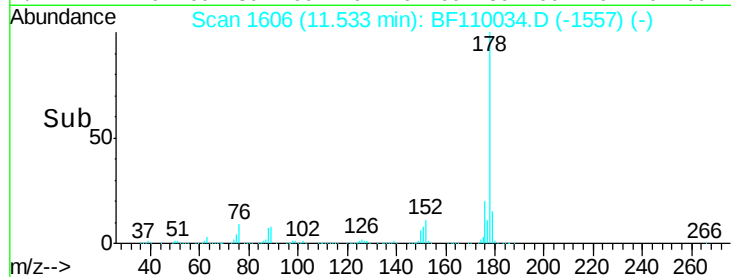
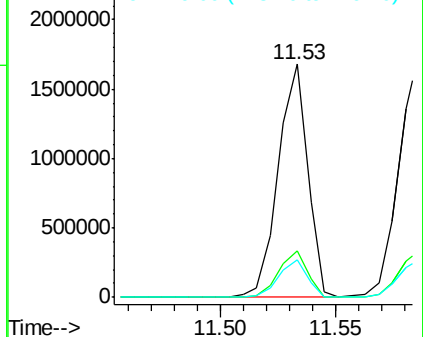
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 45.501 ng

RT: 11.59 min Scan# 1615

Delta R.T. -0.01 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

Tgt Ion:178 Resp: 1517655

Ion Ratio Lower Upper

178 100

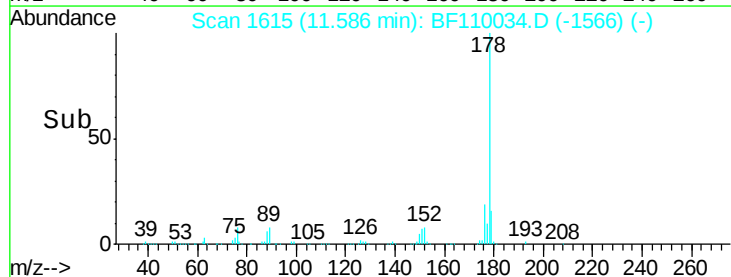
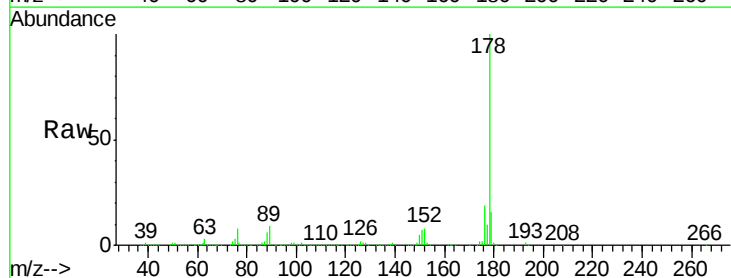
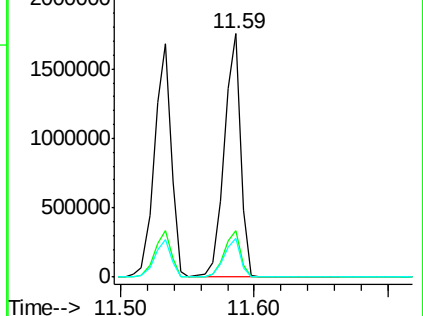
176 18.8 15.4 23.2

179 15.9 12.6 18.8

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





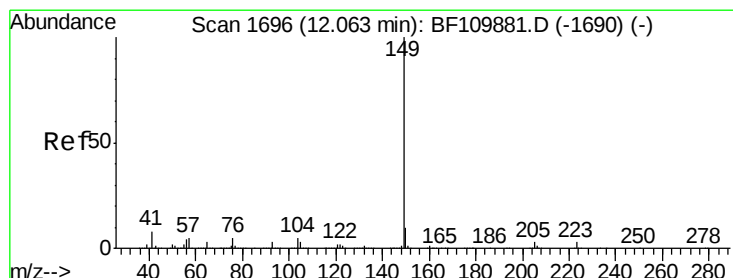
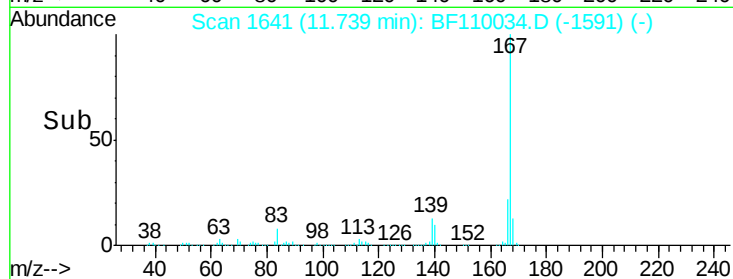
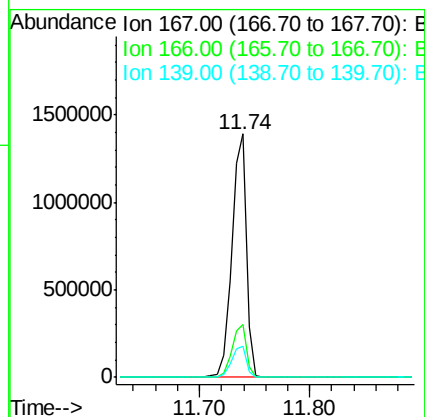
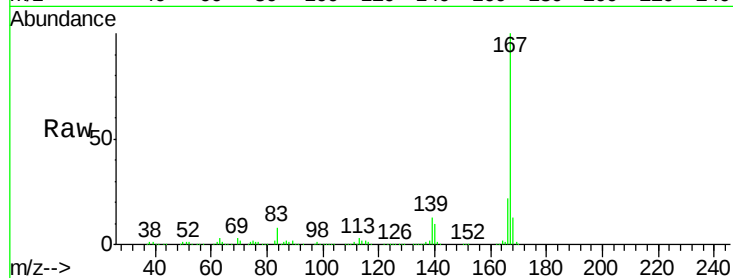
#73
 Carbazole
 Concen: 39.069 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. -0.01 min
 Lab File: BF110034.D
 Acq: 20 Oct 2018 6:30

Instrument :
 BNA_F
 ClientSampleId :
 PB113927BSD

Tgt Ion:167 Resp: 1280693
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.0
 139 13.0 10.9 16.3

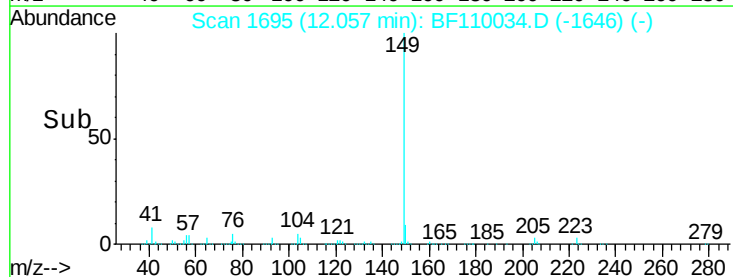
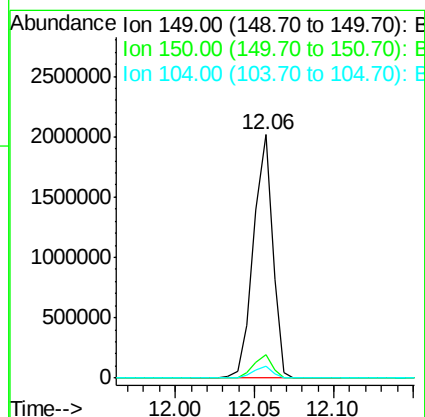
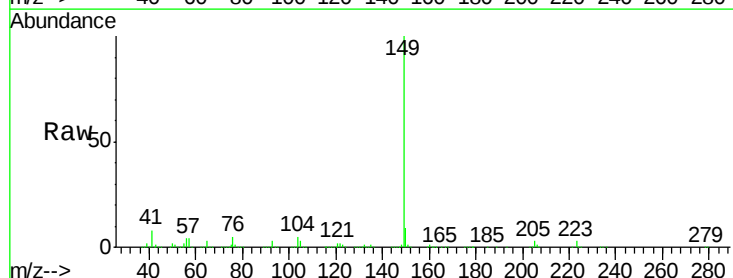
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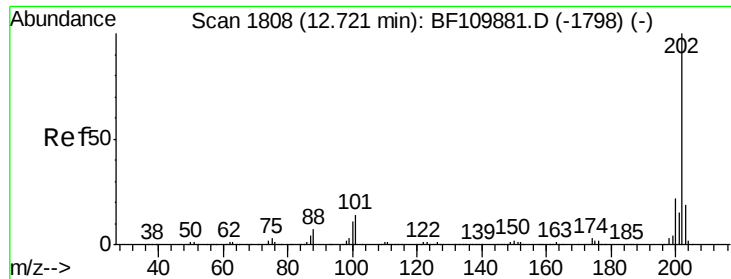
Sohil
 10/22/2018 2:55:55 PM



#74
 Di-n-butylphthalate
 Concen: 46.235 ng
 RT: 12.06 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BF110034.D
 Acq: 20 Oct 2018 6:30

Tgt Ion:149 Resp: 1691420
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.7 11.5
 104 5.2 4.2 6.4





#75

Fluoranthene

Concen: 39.540 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

Instrument :

BNA_F

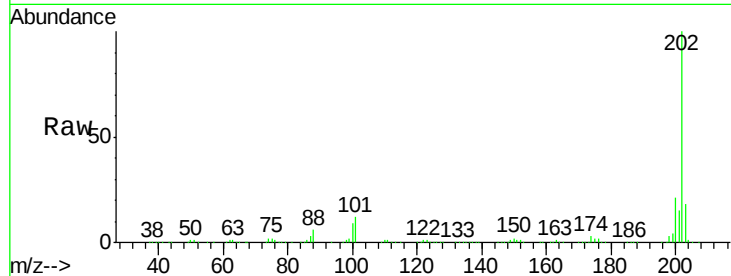
ClientSampleId :

PB113927BSD

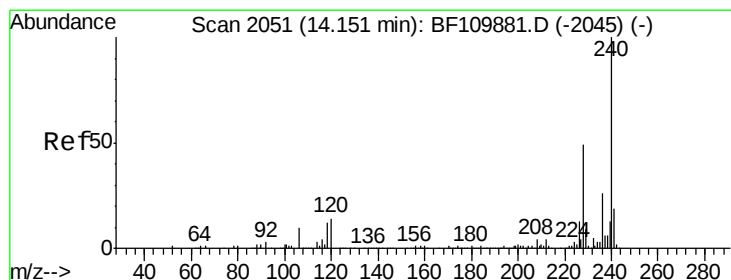
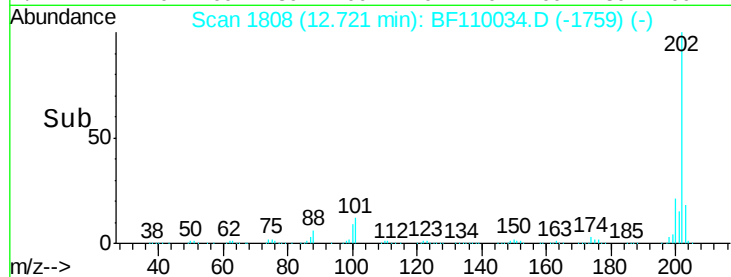
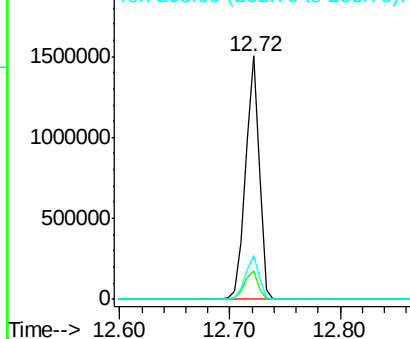
Tgt	Ion	202	Resp	1310477
Ion	Ratio	Lower	Upper	
202	100			
101	11.9	0.0	31.4	
203	17.9	0.0	37.7	

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

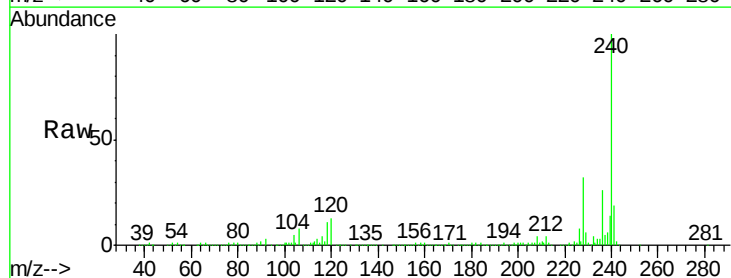
RT: 14.15 min Scan# 2051

Delta R.T. -0.01 min

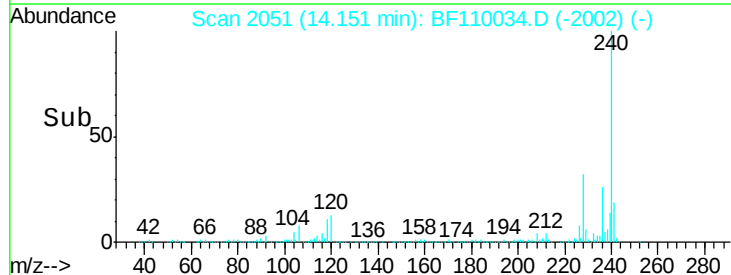
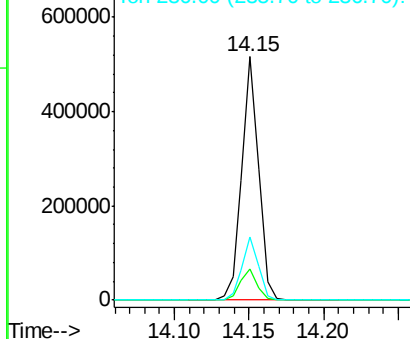
Lab File: BF110034.D

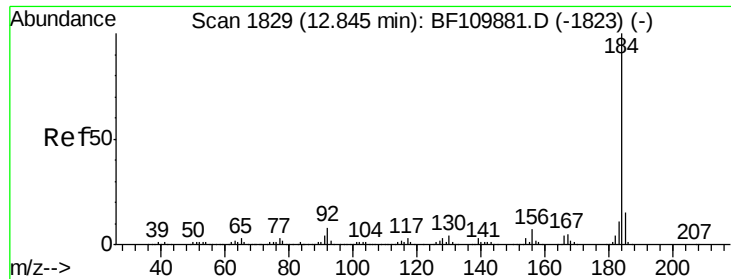
Acq: 20 Oct 2018 6:30

Tgt	Ion	240	Resp	406588
Ion	Ratio	Lower	Upper	
240	100			
120	12.7	8.3	12.5#	
236	25.8	21.2	31.8	



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.803 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

Instrument :

BNA_F

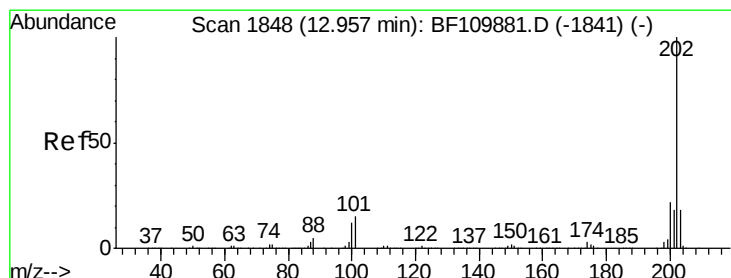
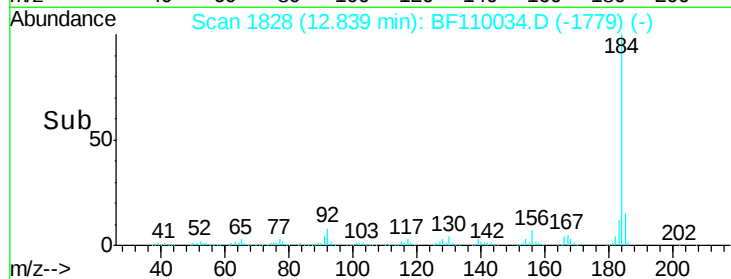
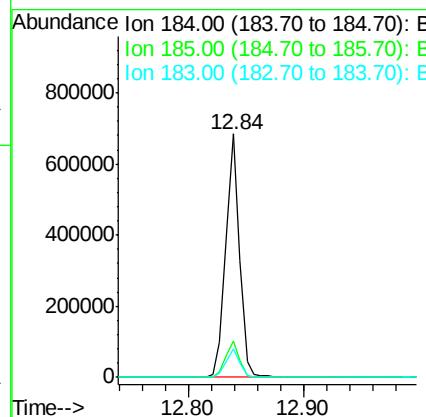
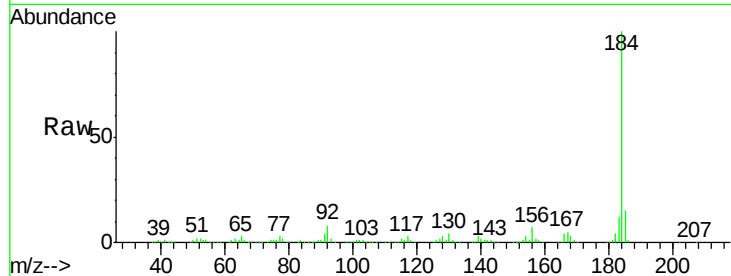
ClientSampleId :

PB113927BSD

Tgt Ion:	184	Resp:	573725
Ion Ratio	Lower	Upper	
184	100		
185	15.0	13.4	20.2
183	11.7	9.4	14.2

Manual Integrations
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#78

Pyrene

Concen: 42.432 ng

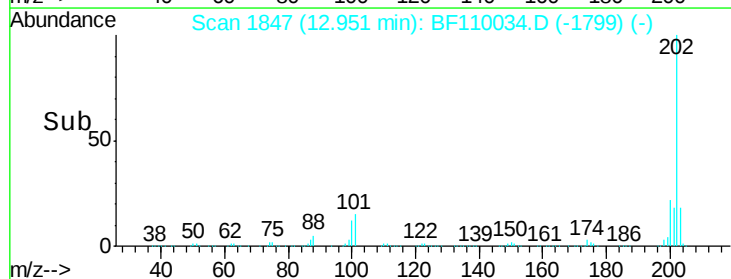
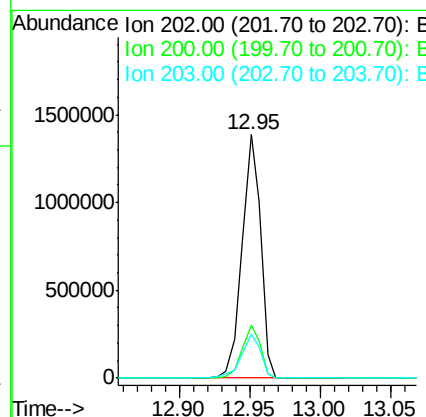
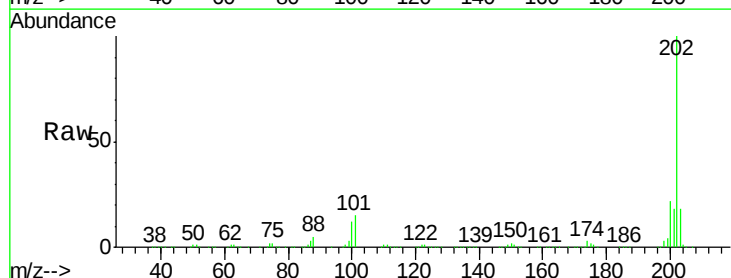
RT: 12.95 min Scan# 1847

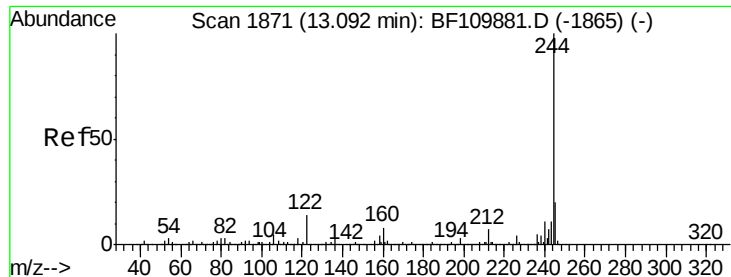
Delta R.T. -0.02 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

Tgt Ion:	202	Resp:	1267123
Ion Ratio	Lower	Upper	
202	100		
200	21.9	17.8	26.6
203	18.0	14.2	21.4





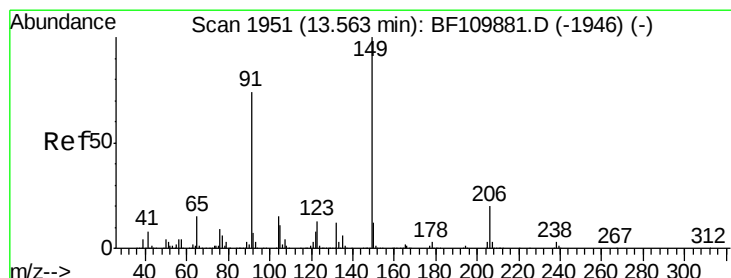
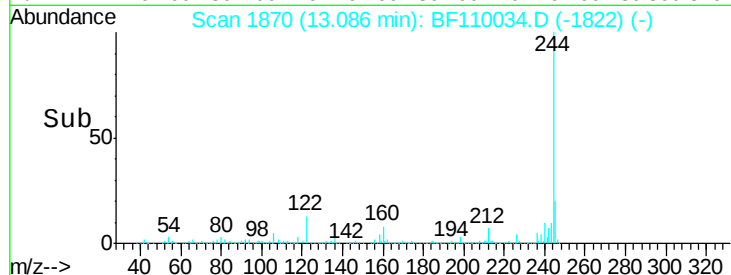
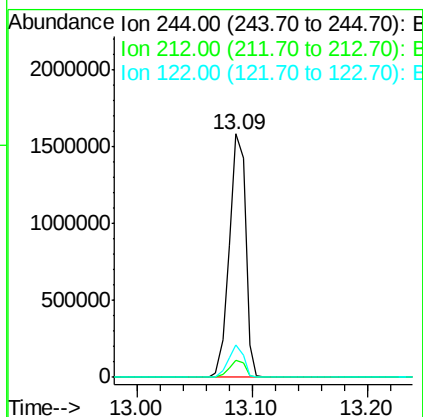
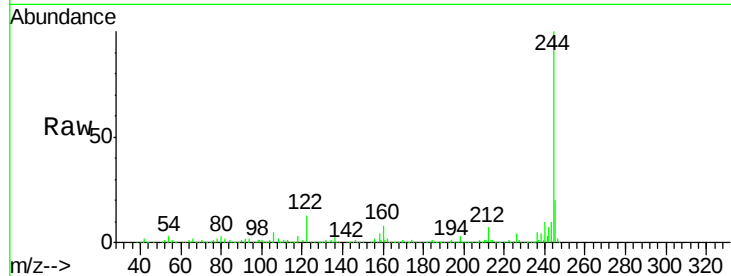
#79
 Terphenyl-d14
 Concen: 79.618 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.02 min
 Lab File: BF110034.D
 Acq: 20 Oct 2018 6:30

Instrument :
 BNA_F
 ClientSampleId :
 PB113927BSD

Tgt Ion:244 Resp: 1541562
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 13.5 8.7 13.1#

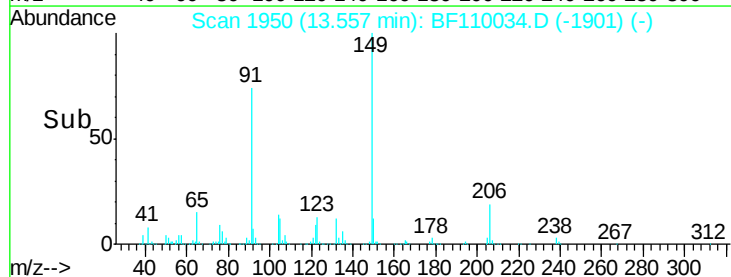
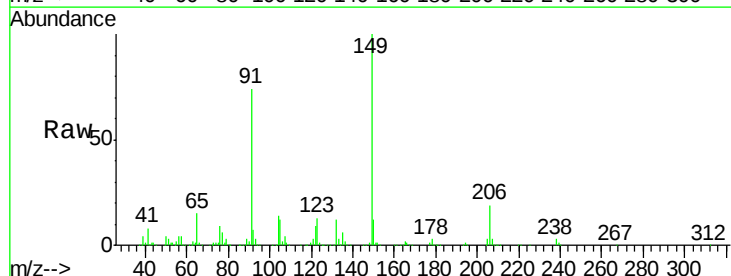
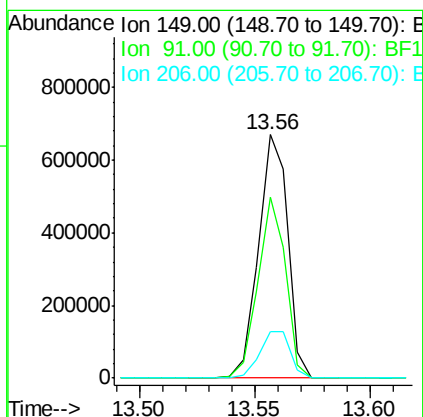
Manual Integrations
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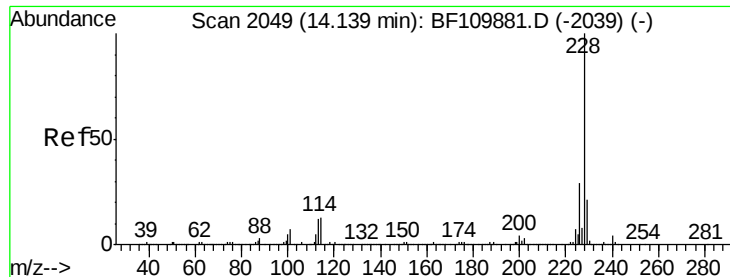
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#80
 Butylbenzylphthalate
 Concen: 49.231 ng
 RT: 13.56 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BF110034.D
 Acq: 20 Oct 2018 6:30

Tgt Ion:149 Resp: 594367
 Ion Ratio Lower Upper
 149 100
 91 74.3 57.2 85.8
 206 18.9 15.7 23.5





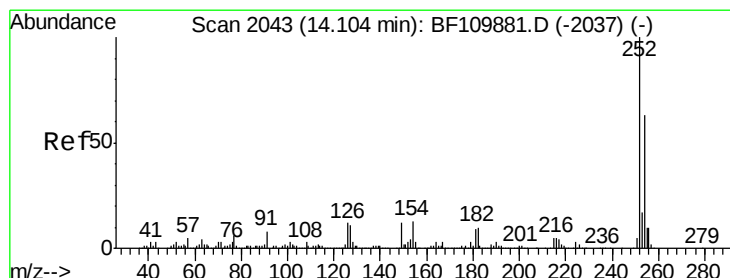
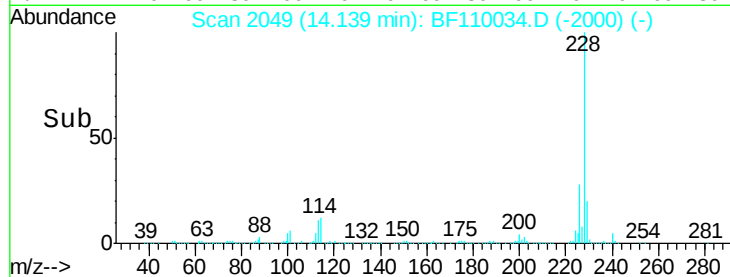
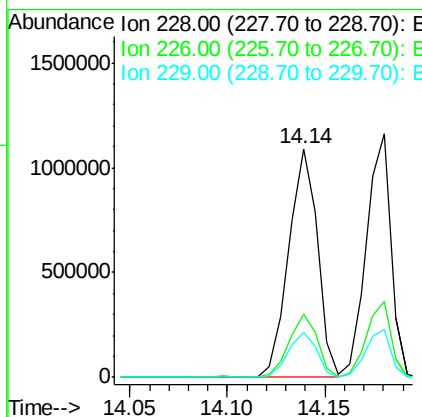
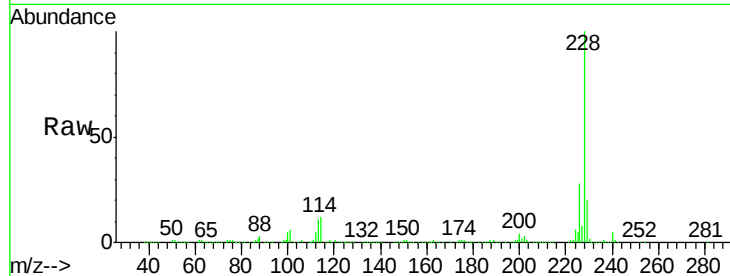
#81
Benzo(a)anthracene
Concen: 46.502 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

Instrument :
BNA_F
ClientSampleId :
PB113927BSD

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.1	33.1
229	19.6	15.6	23.4

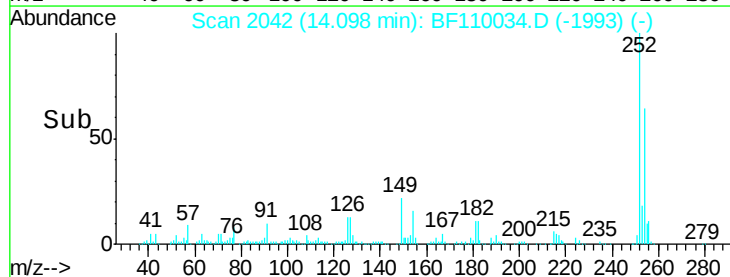
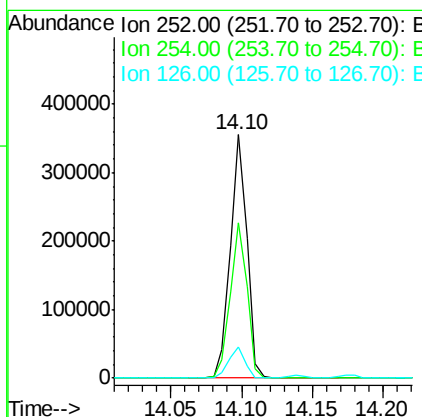
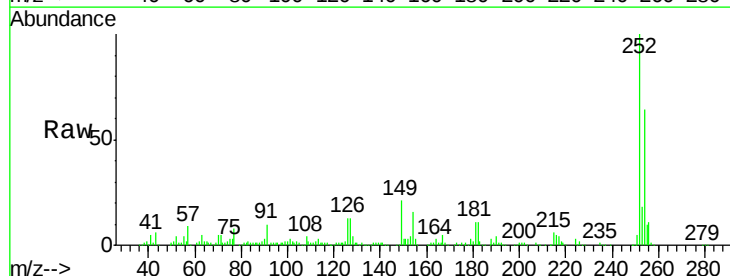
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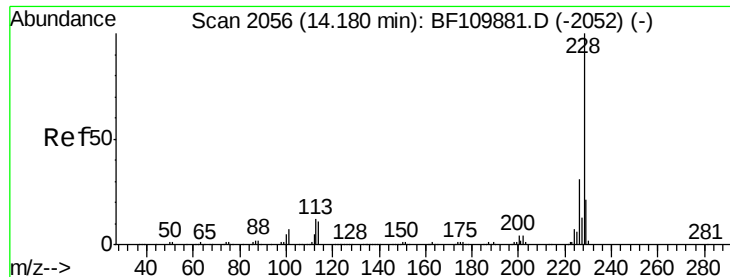
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 34.759 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.3	76.9
126	13.0	9.4	14.2





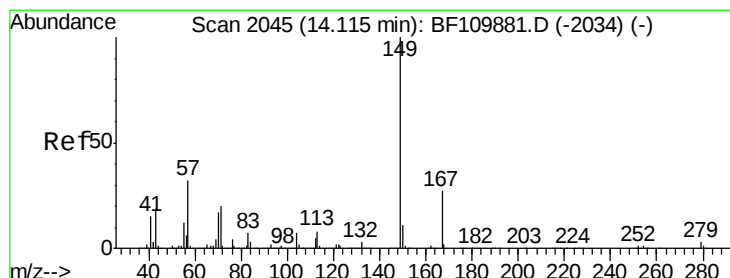
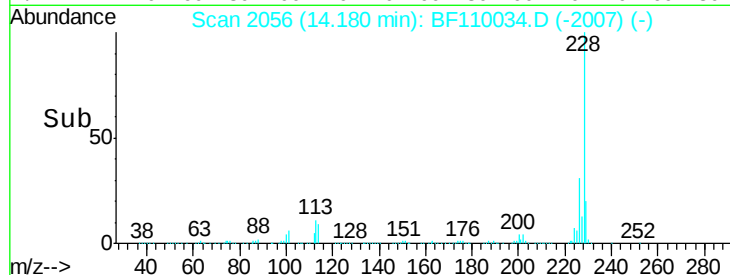
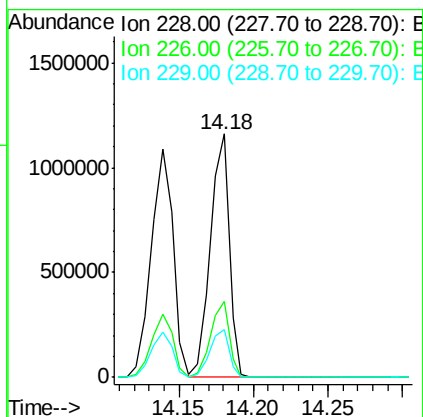
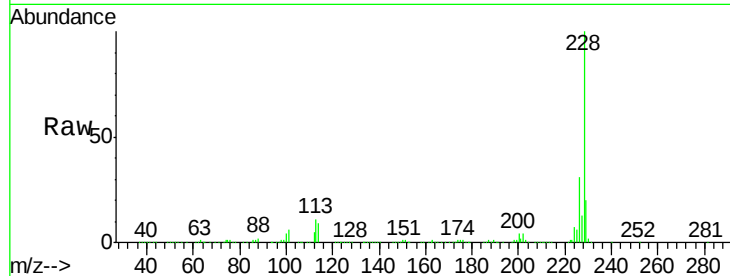
#83
Chrysene
Concen: 44.660 ng
RT: 14.18 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

Instrument :
BNA_F
ClientSampleId :
PB113927BSD

Tgt Ion:228 Resp: 1018061
Ion Ratio Lower Upper
228 100
226 31.1 24.7 37.1
229 19.7 15.9 23.9

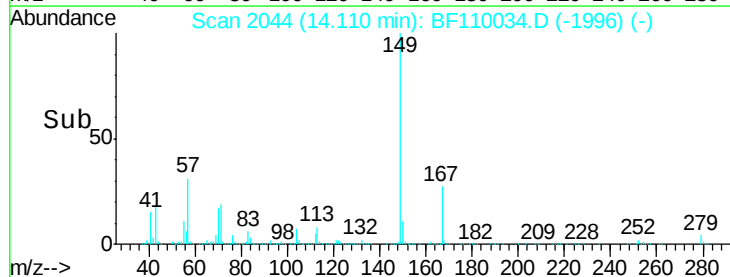
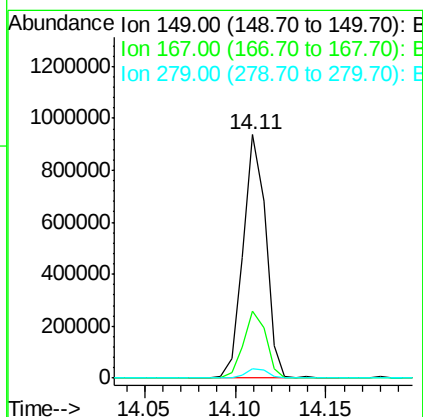
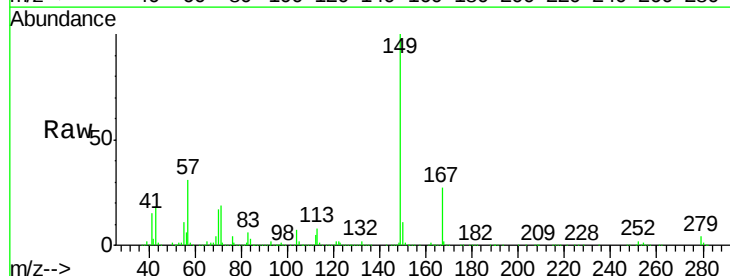
Manual Integrations
APPROVED

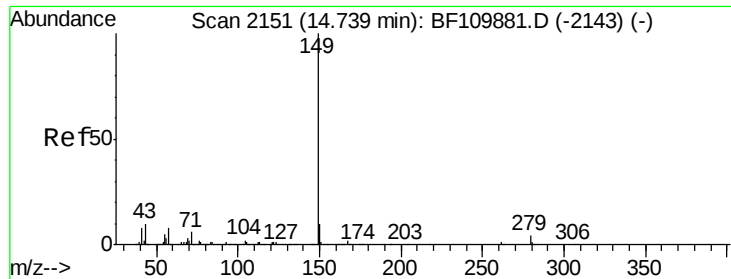
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 51.293 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.02 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

Tgt Ion:149 Resp: 814856
Ion Ratio Lower Upper
149 100
167 27.5 19.8 29.8
279 3.7 2.7 4.1





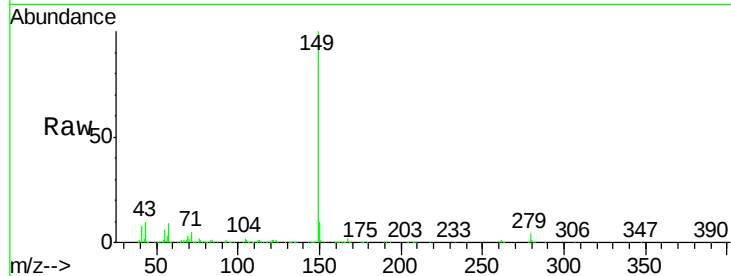
#85
Di-n-octyl phthalate
Concen: 58.401 ng
RT: 14.73 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

Instrument :
BNA_F
ClientSampleId :
PB113927BSD

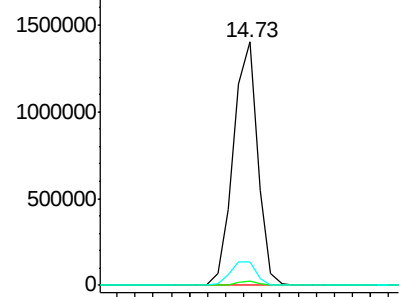
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	10.4	7.8	11.8

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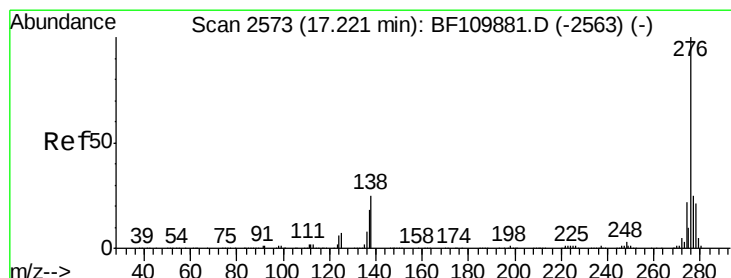
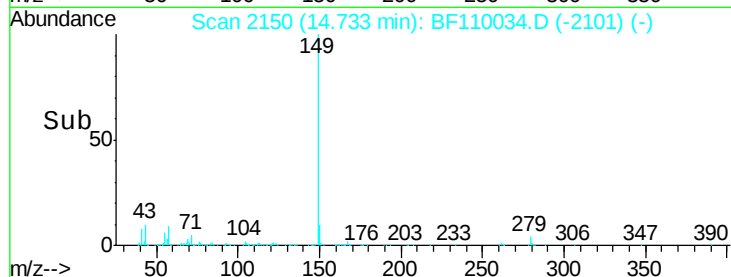
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

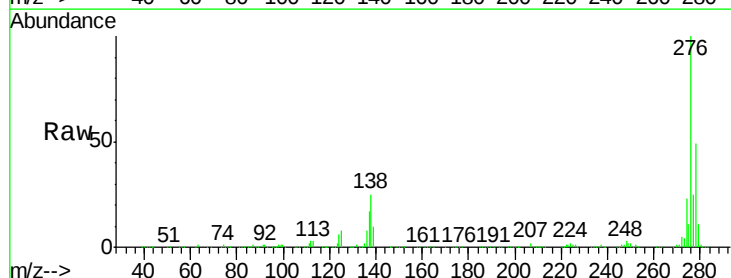


Time-->

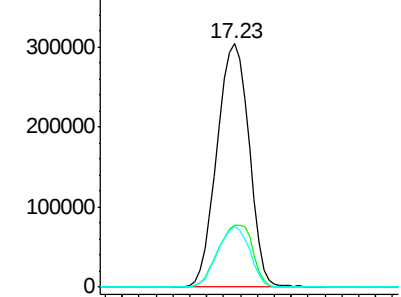


#86
Indeno(1,2,3-cd)pyrene
Concen: 43.711 ng
RT: 17.23 min Scan# 2575
Delta R.T. -0.03 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

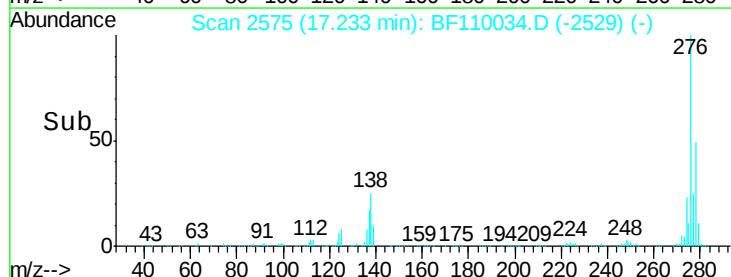
Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.8	18.5	27.7#
277	25.0	20.0	30.0

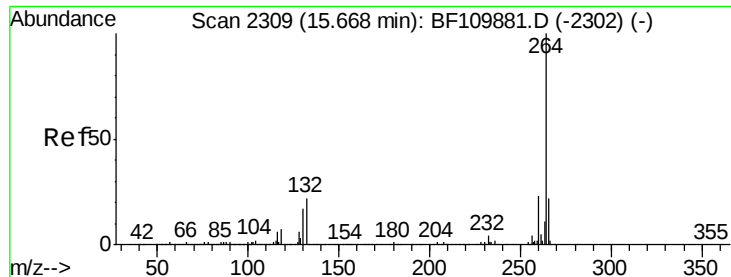


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



Time-->





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2309

Delta R.T. -0.02 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

Instrument :

BNA_F

ClientSampleId :

PB113927BSD

Tgt Ion: 264 Resp: 345048

Ion Ratio Lower Upper

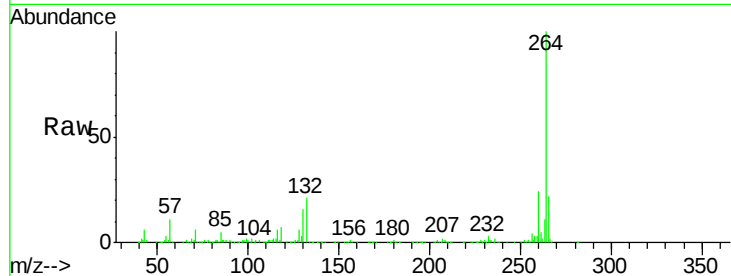
264 100

260 23.6 18.7 28.1

265 21.6 16.7 25.1

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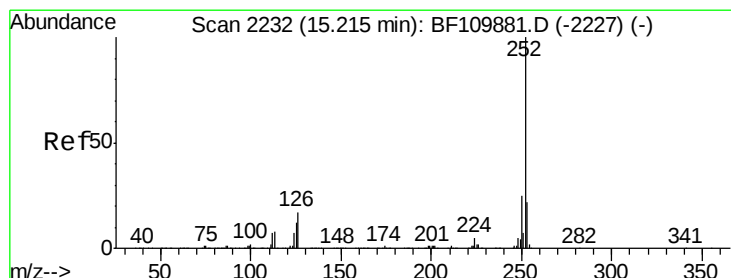
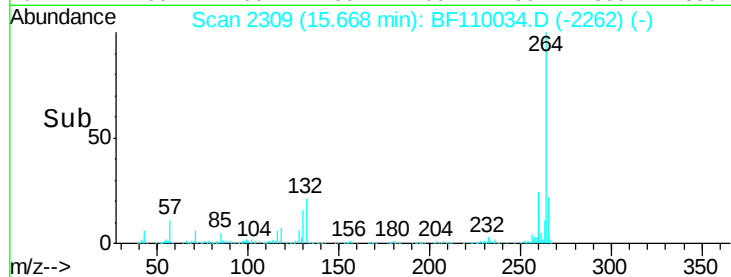
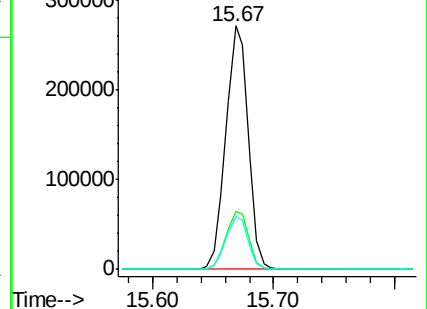
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Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 49.646 ng

RT: 15.22 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

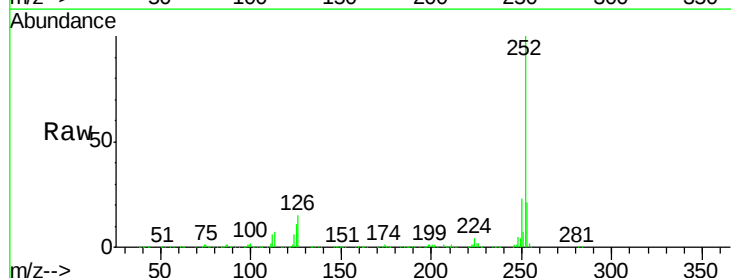
Tgt Ion: 252 Resp: 987591

Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

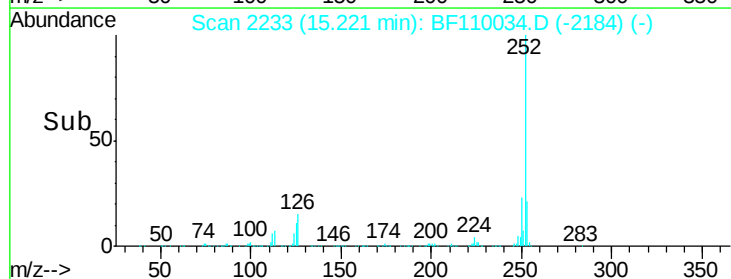
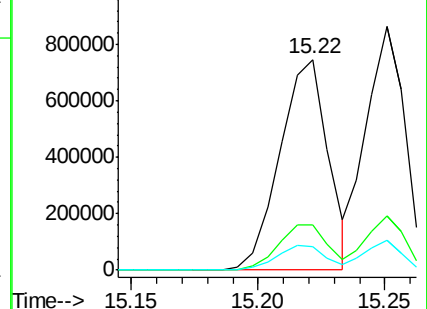
125 11.1 8.2 12.4

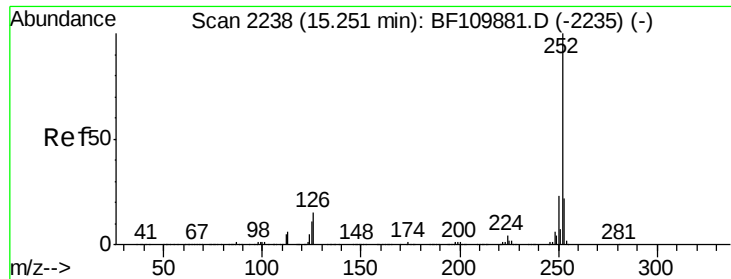


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





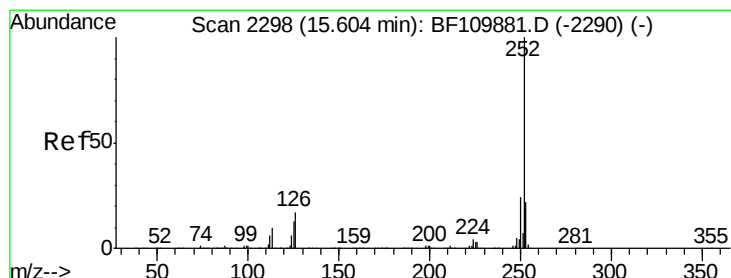
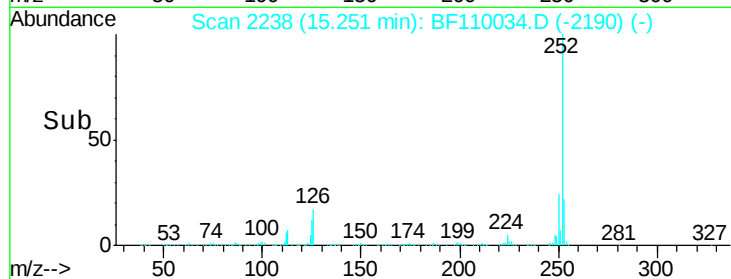
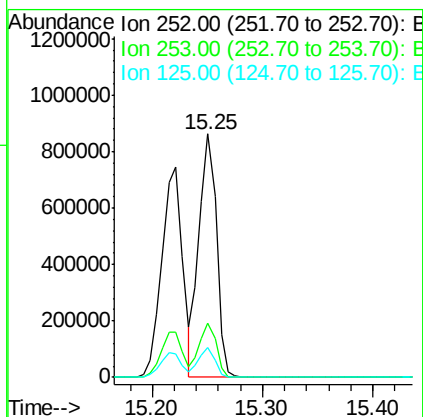
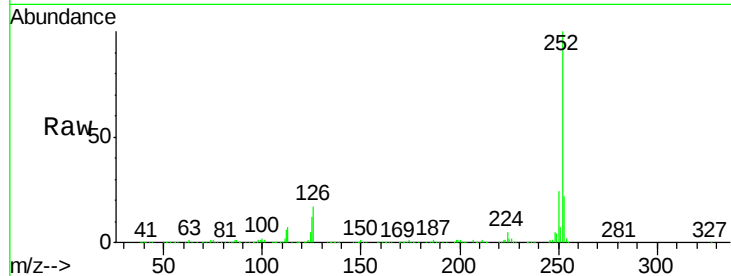
#89
Benzo(k)fluoranthene
Concen: 47.404 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.02 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

Instrument :
BNA_F
ClientSampleId :
PB113927BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	12.0	7.4	11.0

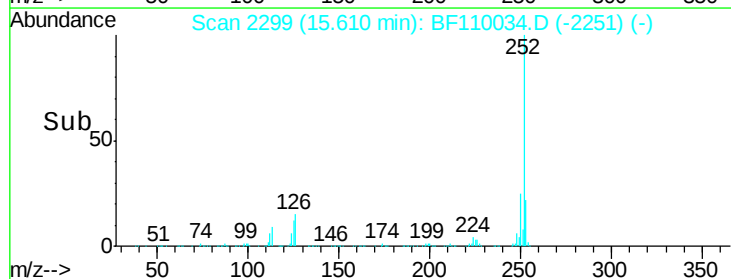
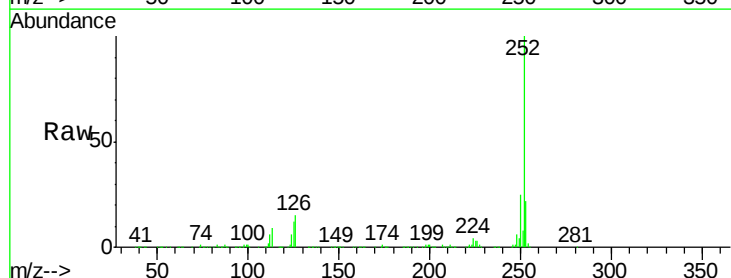
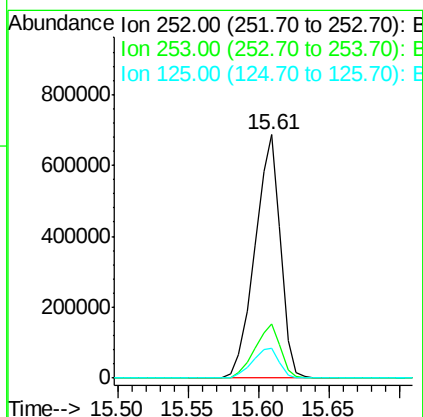
Manual Integrations
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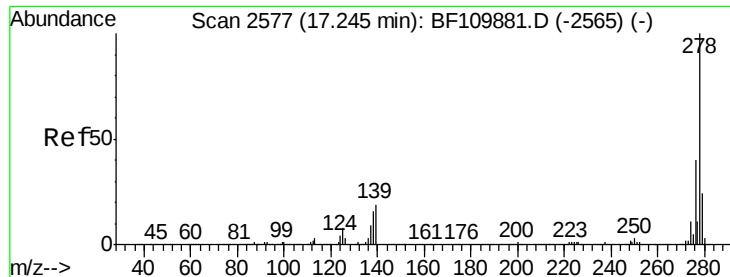
Sohil
10/22/2018 2:55:55 PM



#90
Benzo(a)pyrene
Concen: 47.682 ng
RT: 15.61 min Scan# 2299
Delta R.T. -0.02 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	12.3	9.0	13.6





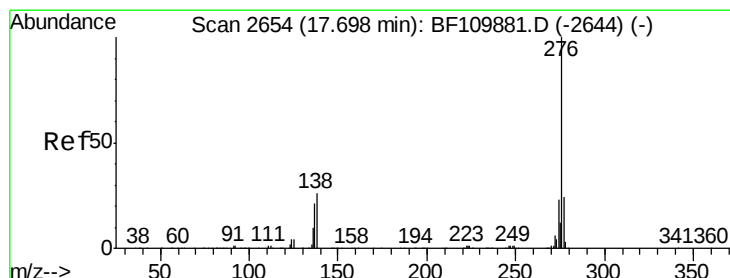
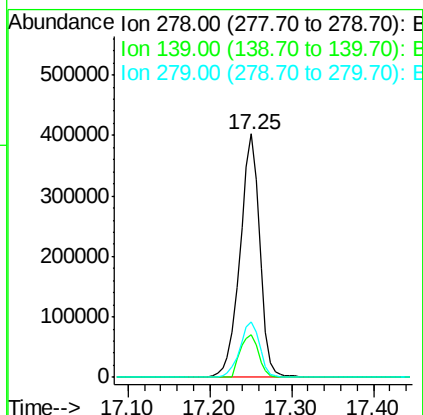
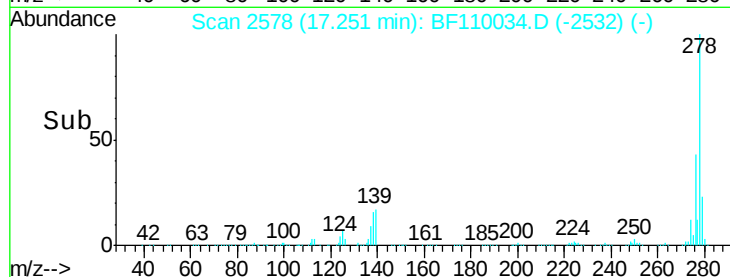
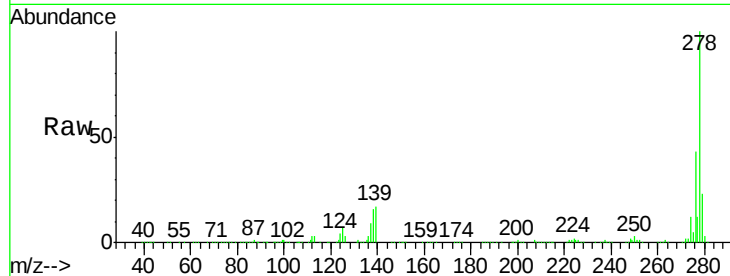
#91
Dibenzo(a,h)anthracene
Concen: 41.815 ng
RT: 17.25 min Scan# 2578
Delta R.T. -0.03 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

Instrument :
BNA_F
ClientSampleId :
PB113927BSD

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.3	12.7	19.1
279	23.0	19.0	28.4

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 39.262 ng
RT: 17.71 min Scan# 2656
Delta R.T. -0.03 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.8	28.2
138	22.1	16.0	24.0

