

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
 Data File : BF098686.D
 Acq On : 22 Sep 2017 8:52
 Operator : SJ/JU
 Sample : PB102454BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102454BS

Manual Integrations
 APPROVED

Sohil
 9/25/2017 6:20:54 PM

Quant Time: Sep 22 11:59:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 11:54:28 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	157491	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	662730	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	307365	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	541525	20.00	ng	0.00
75) Chrysene-d12	14.09	240	448400	20.00	ng	0.00
86) Perylene-d12	15.58	264	381656	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	1291054	124.48	ng	0.02
7) Phenol-d6	6.55	99	1569606	124.98	ng	0.00
23) Nitrobenzene-d5	7.49	82	950198	97.25	ng	0.00
41) 2,4,6-Tribromophenol	10.76	330	388139	138.08	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	1700579	88.04	ng	0.00
78) Terphenyl-d14	13.03	244	1608221	77.01	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.84	88	169511	34.602	ng	97
3) Pyridine	3.60	79	501703	38.535	ng	99
4) n-Nitrosodimethylamine	3.55	42	229310	40.196	ng	96
6) Aniline	6.59	93	525418	31.581	ng	99
8) 2-Chlorophenol	6.72	128	444095	39.419	ng	95
9) Benzaldehyde	6.47	77	138741	19.695	ng	99
10) Phenol	6.56	94	528289	38.111	ng	99
11) bis(2-Chloroethyl)ether	6.66	93	424583	39.759	ng	99
12) 1,3-Dichlorobenzene	6.87	146	467205	39.261	ng	100
13) 1,4-Dichlorobenzene	6.95	146	471403	39.139	ng	98
14) 1,2-Dichlorobenzene	7.10	146	441148	39.275	ng	99
15) Benzyl Alcohol	7.06	79	389695	43.001	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.20	45	688446	40.455	ng	99
17) 2-Methylphenol	7.17	107	379829	41.375	ng	99
18) Hexachloroethane	7.44	117	170820	41.198	ng	95
19) n-Nitroso-di-n-propylamine	7.34	70	303513	39.010	ng	99
20) 3+4-Methylphenols	7.32	107	474918	40.125	ng	94
22) Acetophenone	7.33	105	610352	37.230	ng	# 98
24) Nitrobenzene	7.51	77	463386	41.065	ng	97
25) Isophorone	7.75	82	845455	39.677	ng	99
26) 2-Nitrophenol	7.82	139	223863	45.165	ng	97
27) 2,4-Dimethylphenol	7.85	122	423471	40.467	ng	98
28) bis(2-Chloroethoxy)methane	7.95	93	541766	40.860	ng	99
29) 2,4-Dichlorophenol	8.06	162	371801	41.303	ng	100
30) 1,2,4-Trichlorobenzene	8.15	180	365311	40.236	ng	99
31) Naphthalene	8.23	128	1260686	40.079	ng	100
32) Benzoic acid	7.97	122	257019	39.200	ng	99
33) 4-Chloroaniline	8.27	127	342811	26.214	ng	97
34) Hexachlorobutadiene	8.35	225	193522	39.563	ng	99
35) Caprolactam	8.65	113	123606m	44.035	ng	
36) 4-Chloro-3-methylphenol	8.75	107	400888	39.016	ng	96
37) 2-Methylnaphthalene	8.92	142	871365	43.144	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	317037	34.876	ng	99
40) Hexachlorocyclopentadiene	9.07	237	401717	101.693	ng	98

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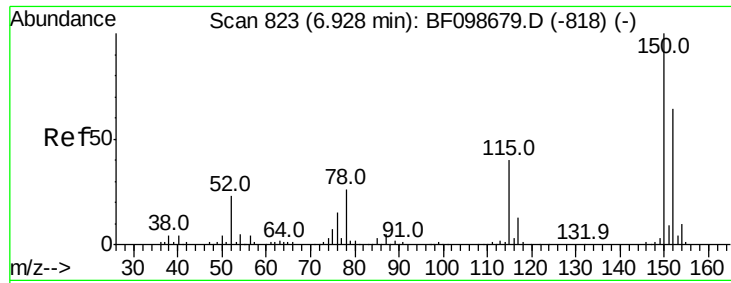
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	255456	41.699	ng	100
43) 2,4,5-Trichlorophenol	9.23	196	255241	40.632	ng	96
45) 1,1'-Biphenyl	9.39	154	984739	37.292	ng	99
46) 2-Chloronaphthalene	9.41	162	778124	39.296	ng	99
47) 2-Nitroaniline	9.50	65	246499	44.336	ng	99
48) Acenaphthylene	9.83	152	1199305	39.379	ng	99
49) Dimethylphthalate	9.69	163	908621	39.420	ng	99
50) 2,6-Dinitrotoluene	9.74	165	202547	44.532	ng	96
51) Acenaphthene	10.00	154	771061	40.787	ng	99
52) 3-Nitroaniline	9.92	138	180659	33.320	ng	94
53) 2,4-Dinitrophenol	10.02	184	113050	63.128	ng	100
54) Dibenzofuran	10.17	168	1075365	41.659	ng	97
55) 4-Nitrophenol	10.07	139	392375	83.161	ng	95
56) 2,4-Dinitrotoluene	10.14	165	274572	44.936	ng	99
57) Fluorene	10.52	166	819706	39.508	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.28	232	208026	46.547	ng	99
59) Diethylphthalate	10.39	149	900131	39.850	ng	98
60) 4-Chlorophenyl-phenylether	10.50	204	363171	39.956	ng	97
61) 4-Nitroaniline	10.53	138	235585	45.303	ng	95
62) Azobenzene	10.66	77	897077	42.464	ng	99
64) 4,6-Dinitro-2-methylphenol	10.55	198	97298	38.260	ng	98
65) n-Nitrosodiphenylamine	10.62	169	747637	40.110	ng	100
66) 4-Bromophenyl-phenylether	10.99	248	226199	41.369	ng	97
67) Hexachlorobenzene	11.06	284	238932	38.348	ng	97
68) Atrazine	11.14	200	233788	41.696	ng	99
69) Pentachlorophenol	11.25	266	279932	78.606	ng	98
70) Phenanthrene	11.47	178	1194105	40.648	ng	99
71) Anthracene	11.53	178	1235502	41.247	ng	100
72) Carbazole	11.68	167	1173502	40.094	ng	100
73) Di-n-butylphthalate	12.00	149	1423919	41.886	ng	100
74) Fluoranthene	12.66	202	1246664	42.583	ng	99
76) Benzidine	12.78	184	578358	31.764	ng	98
77) Pyrene	12.89	202	1285888	38.627	ng	99
79) Butylbenzylphthalate	13.50	149	622963	45.234	ng	100
80) Benzo(a)anthracene	14.08	228	1105325	40.924	ng	99
81) 3,3'-Dichlorobenzidine	14.04	252	297993	30.917	ng	99
82) Chrysene	14.12	228	1037334	39.770	ng	99
83) Bis(2-ethylhexyl)phthalate	14.06	149	842406	44.220	ng	100
84) Di-n-octyl phthalate	14.67	149	1382929	48.337	ng	98
85) Indeno(1,2,3-cd)pyrene	17.09	276	820912	40.572	ng	99
87) Benzo(b)fluoranthene	15.14	252	985934	44.543	ng	98
88) Benzo(k)fluoranthene	15.17	252	866590	39.179	ng	98
89) Benzo(a)pyrene	15.52	252	864156	42.990	ng	98
90) Dibenzo(a,h)anthracene	17.10	278	682741	40.160	ng	99
91) Benzo(g,h,i)perylene	17.54	276	675509	39.528	ng	98

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



#1

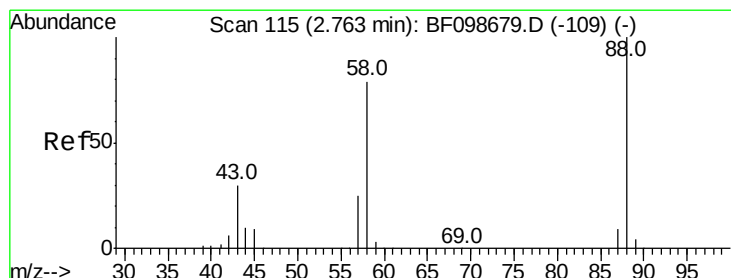
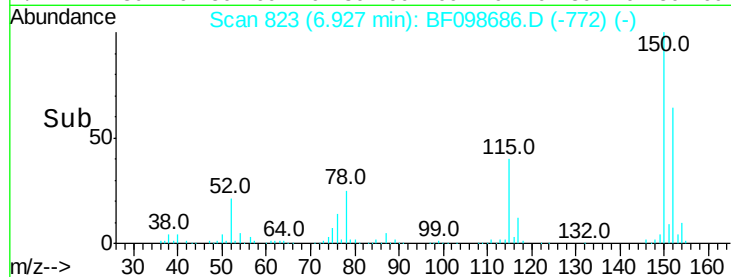
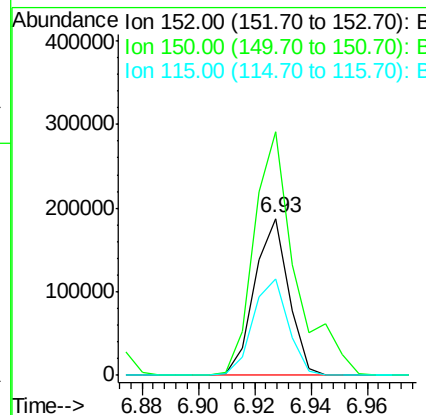
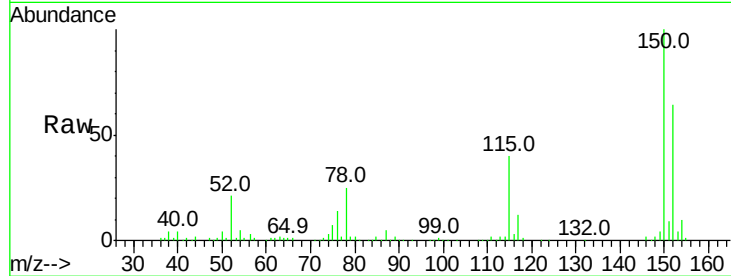
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF098686.D
Acq: 22 Sep 2017 8:52

Instrument :
BNA_F
ClientSampleId :
PB102454BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.6	186.8
115	61.5	50.1	75.1

Manual Integrations
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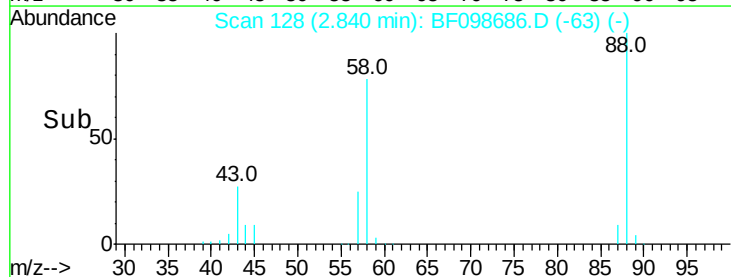
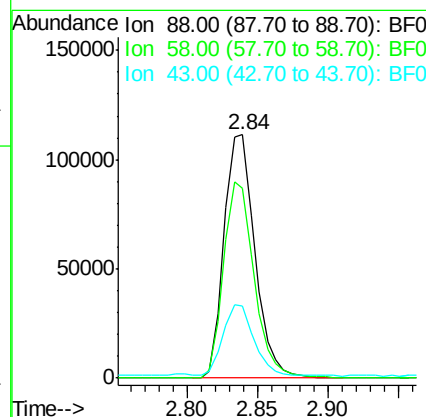
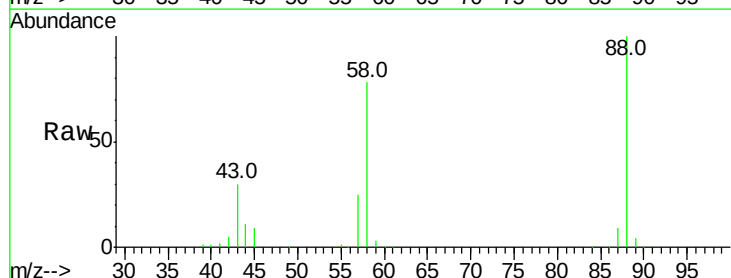
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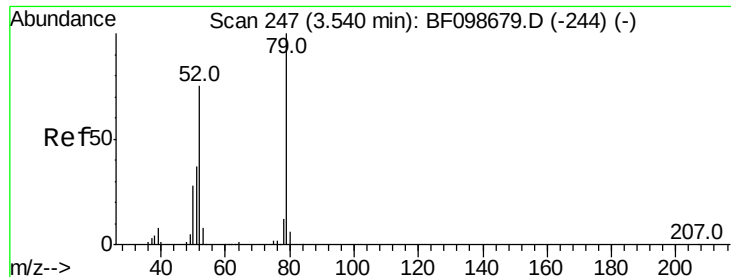


#2

1,4-Dioxane
Concen: 34.602 ng
RT: 2.84 min Scan# 128
Delta R.T. 0.08 min
Lab File: BF098686.D
Acq: 22 Sep 2017 8:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.1	62.6	93.8
43	28.8	24.6	37.0





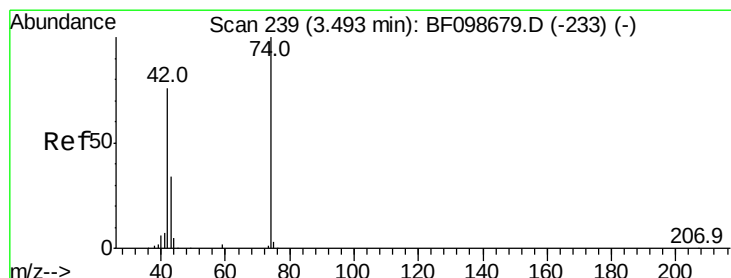
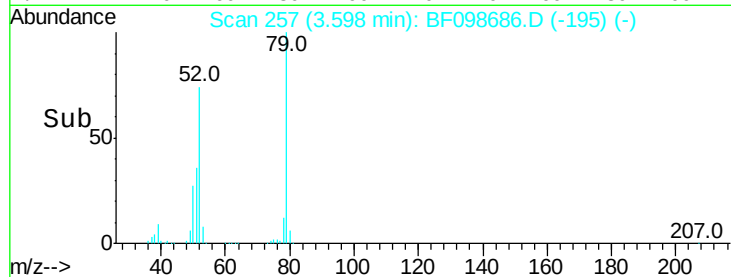
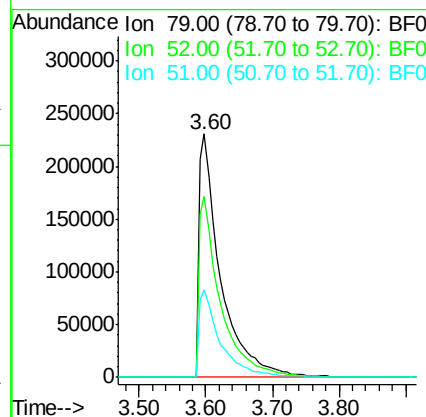
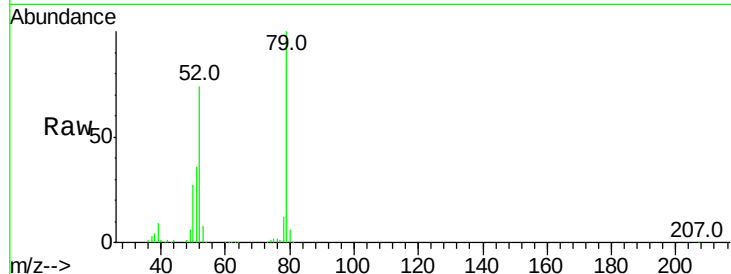
#3
 Pvridine
 Concen: 38.535 ng
 RT: 3.60 min Scan# 257
 Delta R.T. 0.06 min
 Lab File: BF098686.D
 Acq: 22 Sep 2017 8:52

Instrument :
 BNA_F
 ClientSampleId :
 PB102454BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100	501703		
52	74.5		59.8	89.6
51	35.9		29.8	44.8

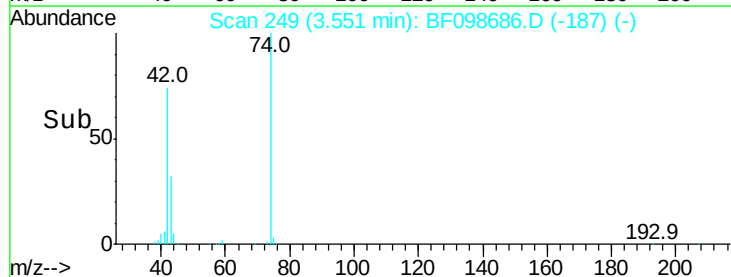
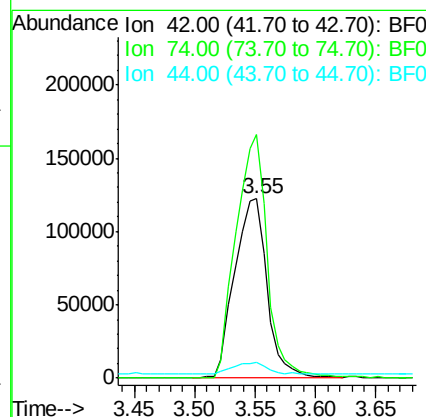
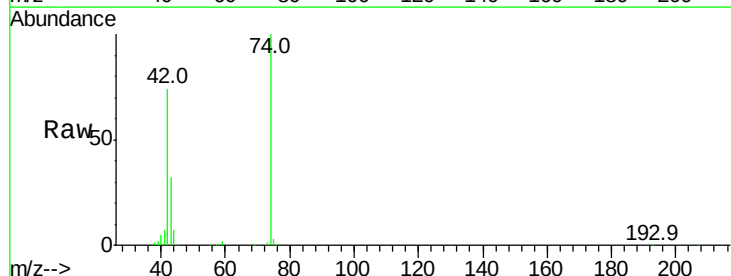
Manual Integrations
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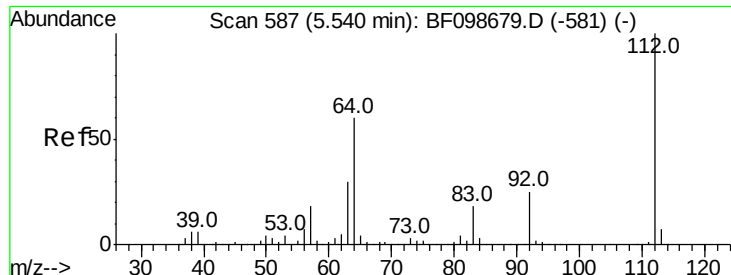
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#4
 n-Nitrosodimethylamine
 Concen: 40.196 ng
 RT: 3.55 min Scan# 249
 Delta R.T. 0.06 min
 Lab File: BF098686.D
 Acq: 22 Sep 2017 8:52

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	229310		
74	135.9		104.9	157.3
44	9.0		6.9	10.3





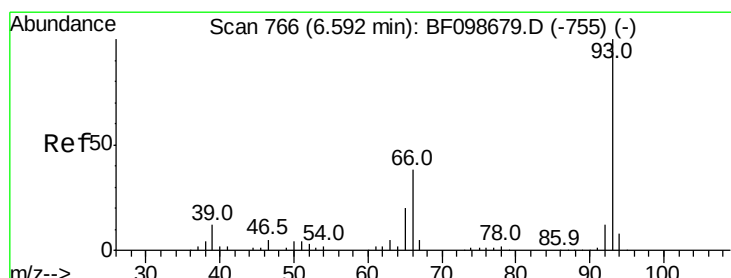
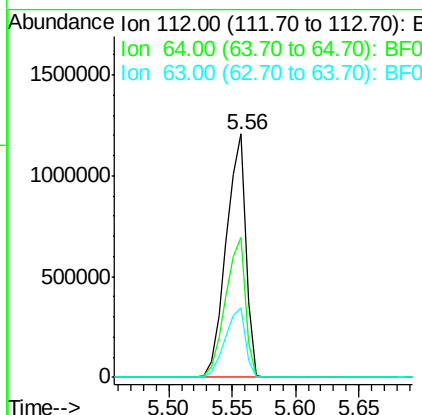
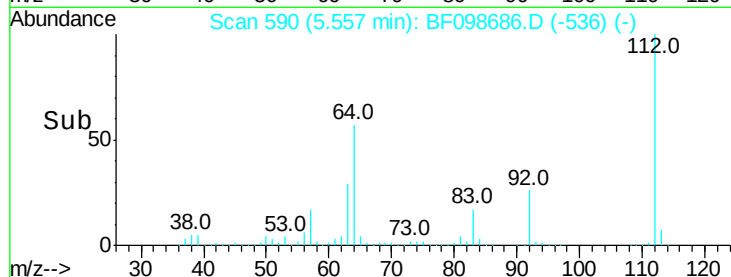
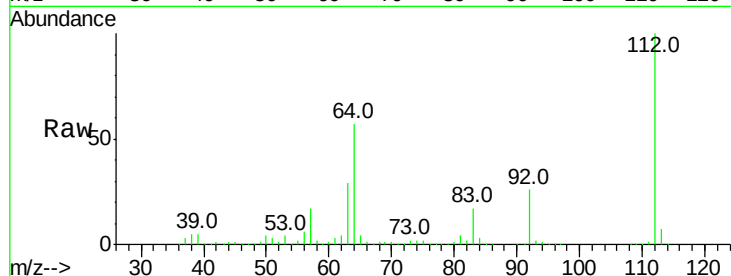
#5
 2-Fluorophenol
 Concen: 124.483 ng
 RT: 5.56 min Scan# 590
 Delta R.T. 0.02 min
 Lab File: BF098686.D
 Acq: 22 Sep 2017 8:52

Instrument :
 BNA_F
 ClientSampleId :
 PB102454BS

Tot Ion	Ratio	Lower	Upper
112	100		
64	57.3	47.9	71.9
63	28.8	23.7	35.5

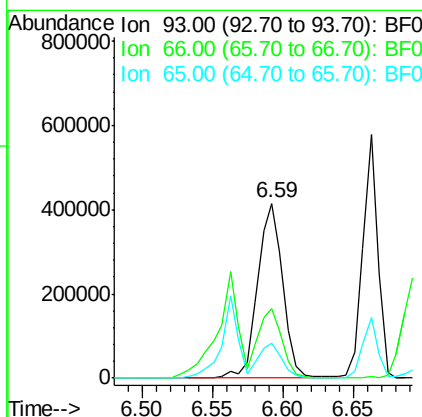
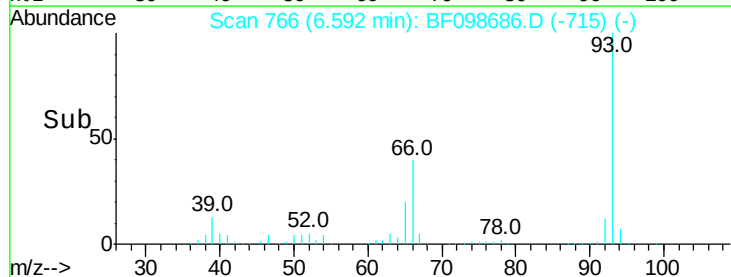
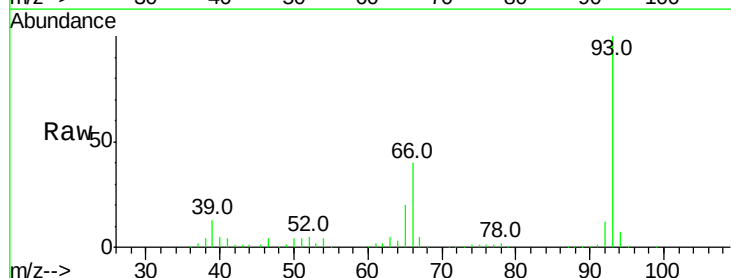
Manual Integrations
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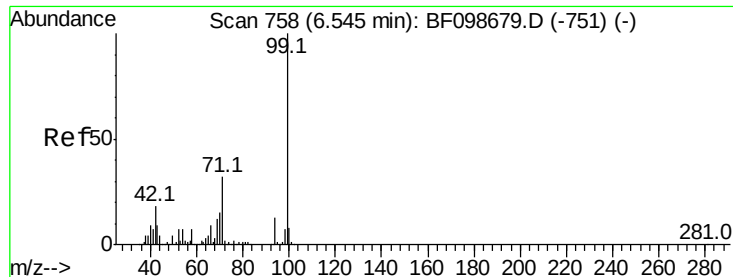
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#6
 Aniline
 Concen: 31.581 ng
 RT: 6.59 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: BF098686.D
 Acq: 22 Sep 2017 8:52

Tgt Ion	Ratio	Lower	Upper
93	100		
66	39.5	32.2	48.2
65	19.8	16.4	24.6





#7

Phenol-d6

Concen: 124.977 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.01 min

Lab File: BF098686.D

Acq: 22 Sep 2017 8:52

Instrument :

BNA_F

ClientSampleId :

PB102454BS

Tot Ion: 99 Resp: 1569606

Ion Ratio Lower Upper

99 100

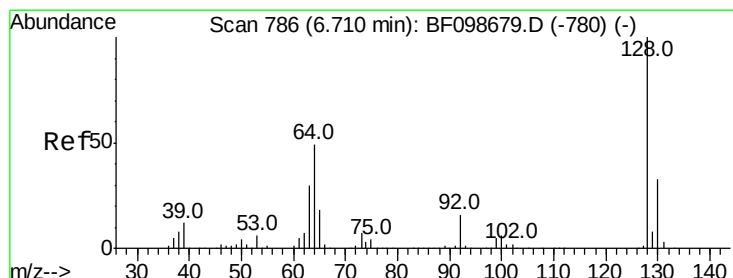
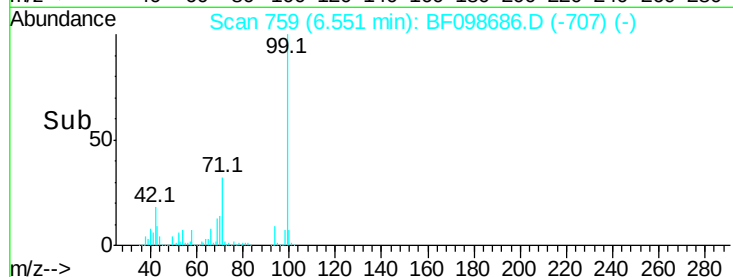
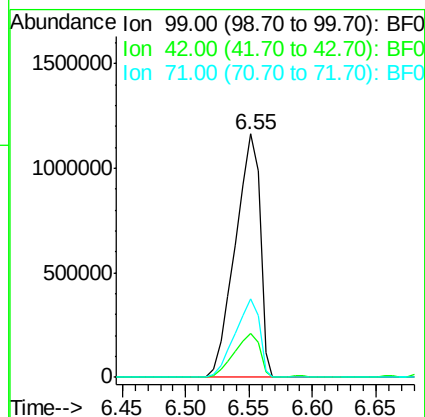
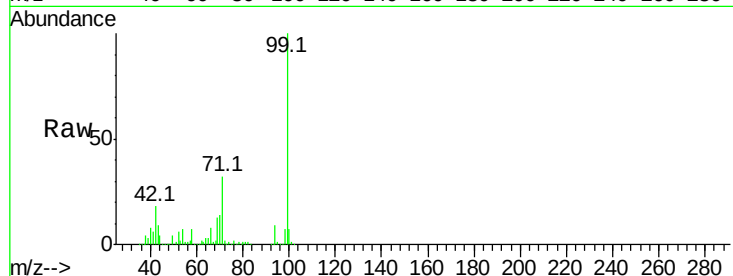
42 18.3 14.5 21.7

71 32.4 25.4 38.0

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#8

2-Chlorophenol

Concen: 39.419 ng

RT: 6.72 min Scan# 787

Delta R.T. 0.01 min

Lab File: BF098686.D

Acq: 22 Sep 2017 8:52

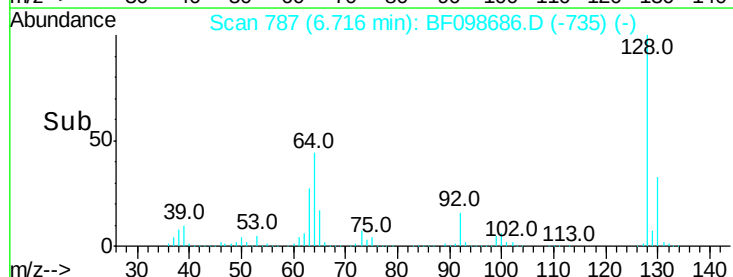
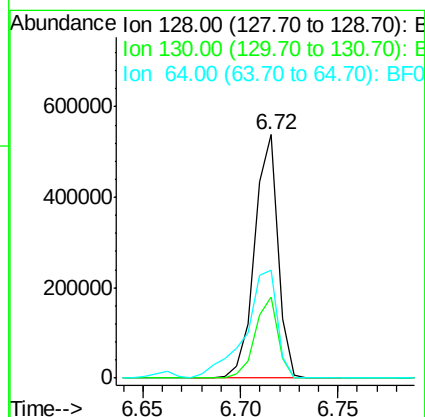
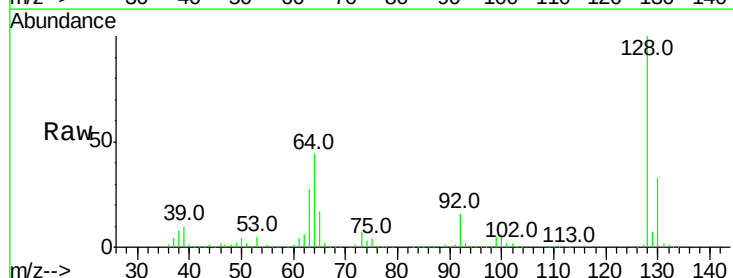
Tgt Ion: 128 Resp: 444095

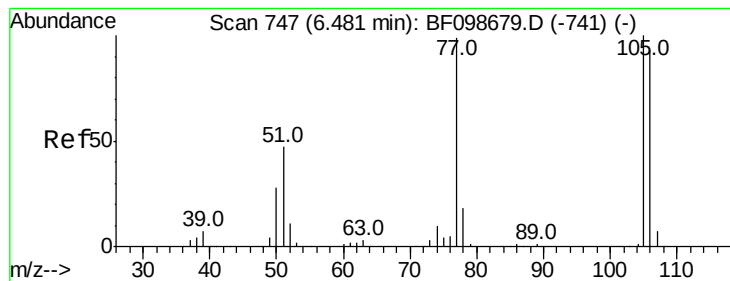
Ion Ratio Lower Upper

128 100

130 33.3 13.0 53.0

64 44.4 29.4 69.4





#9

Benzaldehyde

Concen: 19.695 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF098686.D

Acq: 22 Sep 2017 8:52

Instrument :

BNA_F

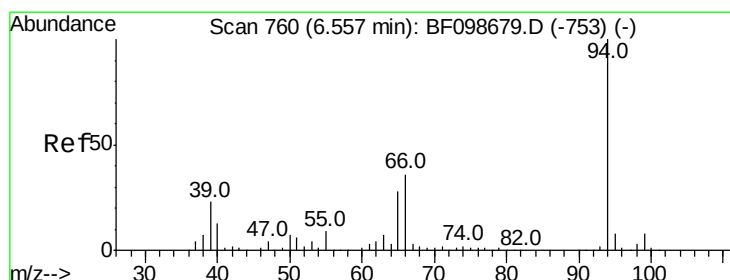
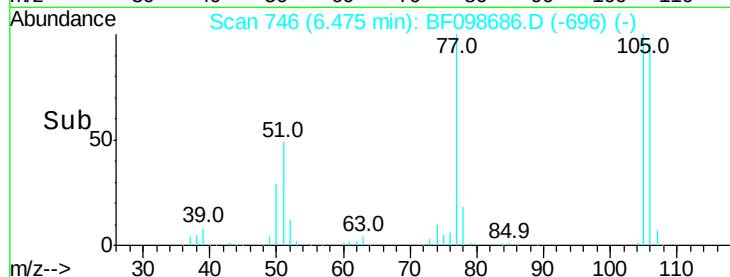
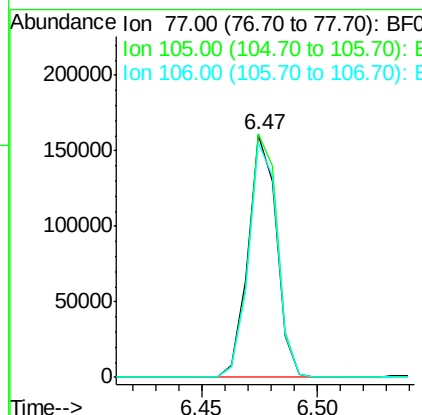
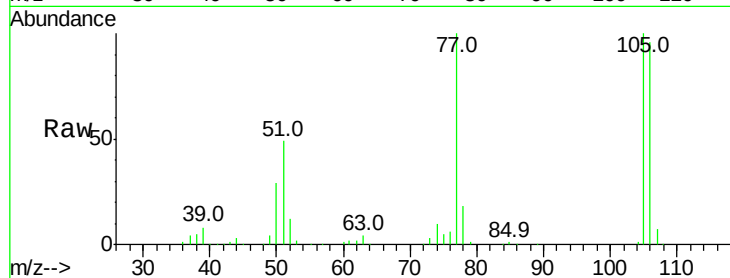
ClientSampleId :

PB102454BS

Tot Ion:	77	Resp:	138741
Ion Ratio	Lower	Upper	
77	100		
105	100.4	81.1	121.1
106	96.7	74.5	114.5

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#10

Phenol

Concen: 38.111 ng

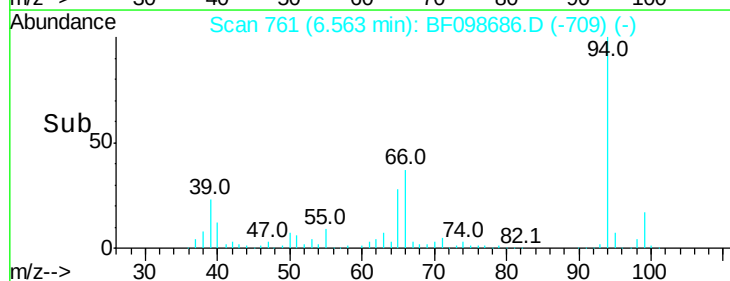
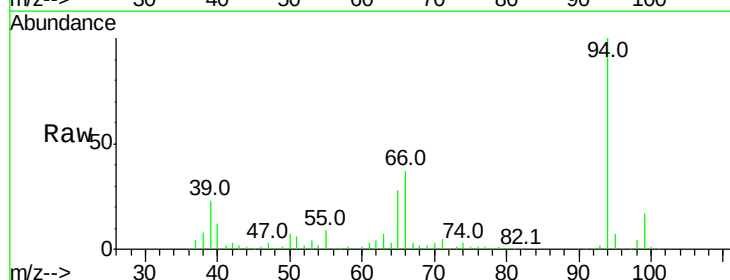
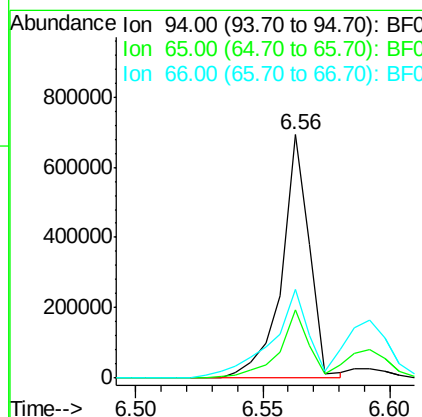
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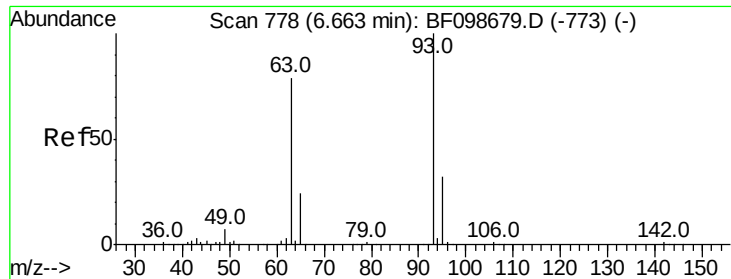
Delta R.T. 0.01 min

Lab File: BF098686.D

Acq: 22 Sep 2017 8:52

Tgt Ion:	94	Resp:	528289
Ion Ratio	Lower	Upper	
94	100		
65	28.2	7.9	47.9
66	36.6	16.2	56.2





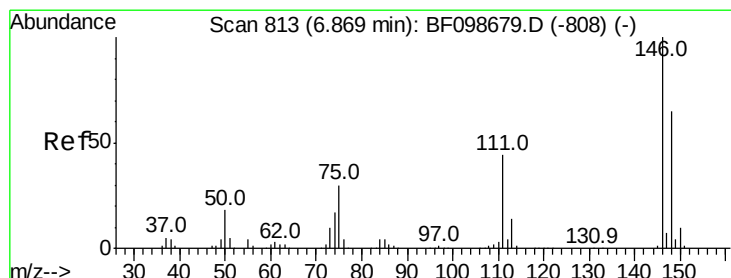
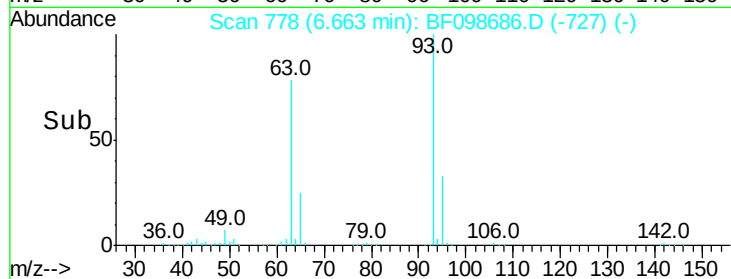
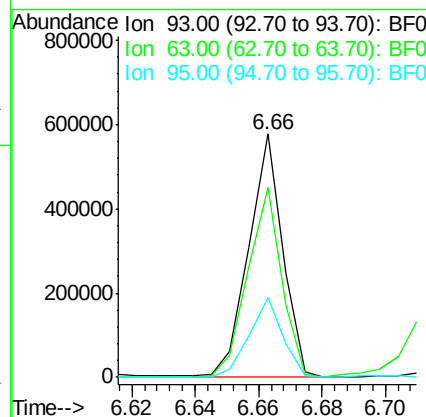
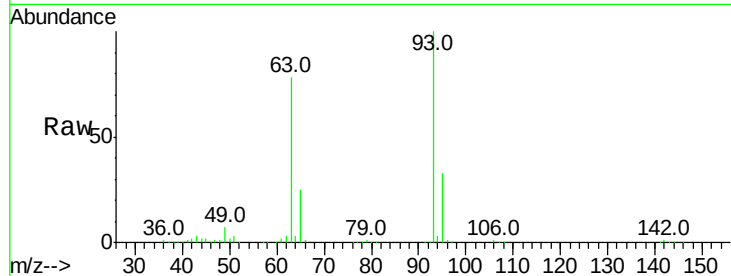
#11
bis(2-Chloroethyl)ether
Concen: 39.759 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF098686.D
Acq: 22 Sep 2017 8:52

Instrument :
BNA_F
ClientSampleId :
PB102454BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	77.8	58.6	98.6
95	32.6	11.8	51.8

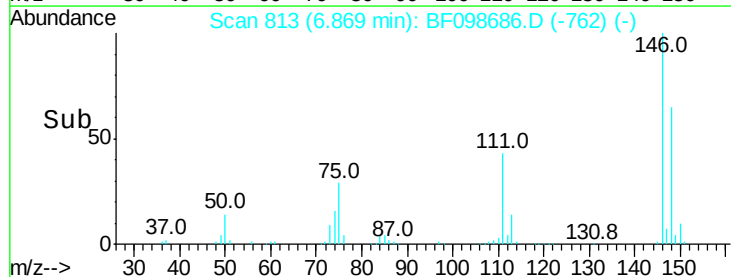
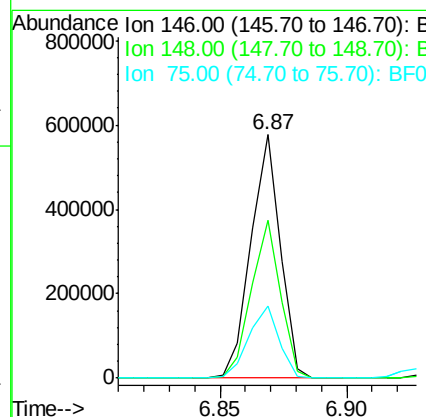
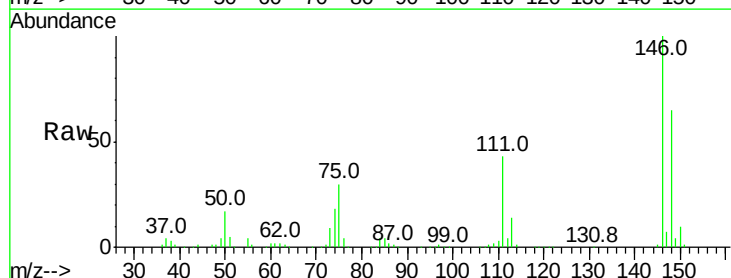
Manual Integrations
APPROVED

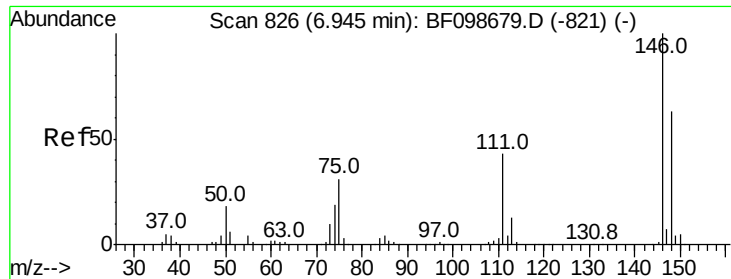
Sohil
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#12
1,3-Dichlorobenzene
Concen: 39.261 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF098686.D
Acq: 22 Sep 2017 8:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.8	77.8
75	29.8	24.2	36.4





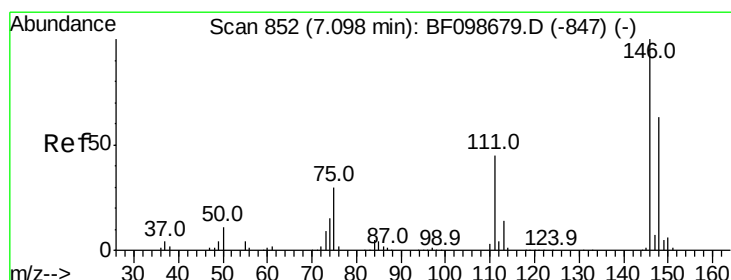
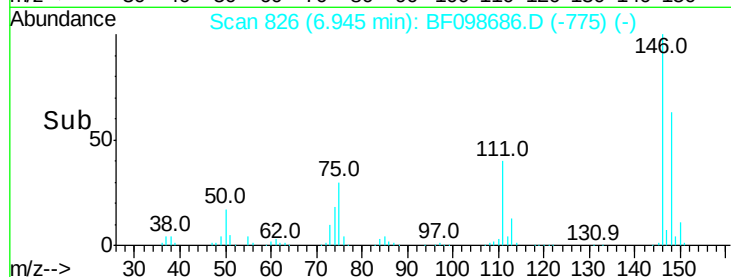
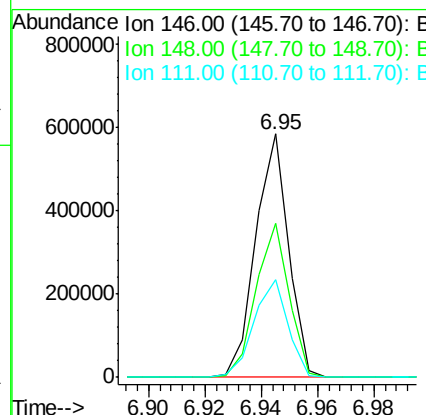
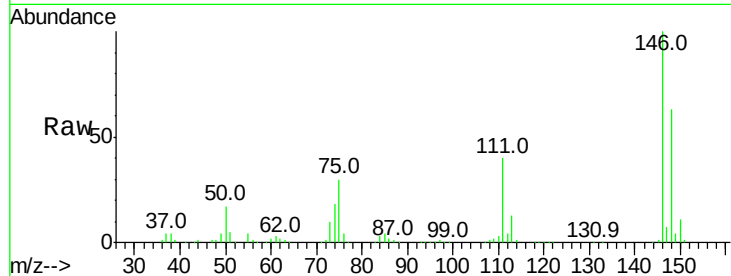
#13
 1,4-Dichlorobenzene
 Concen: 39.139 ng
 RT: 6.95 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BF098686.D
 Acq: 22 Sep 2017 8:52

Instrument :
 BNA_F
 ClientSampleId :
 PB102454BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.8	76.2
111	40.0	34.2	51.2

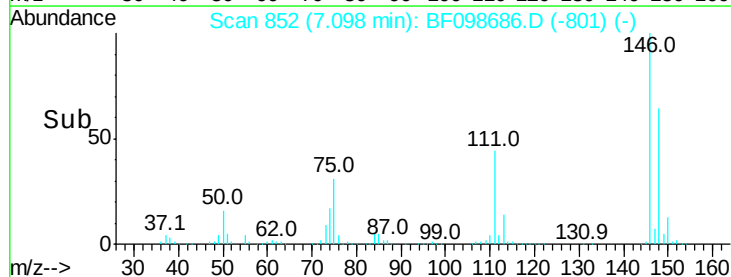
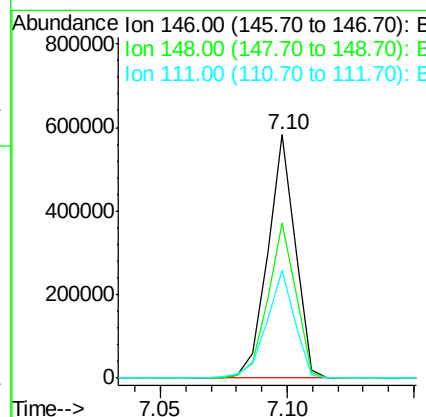
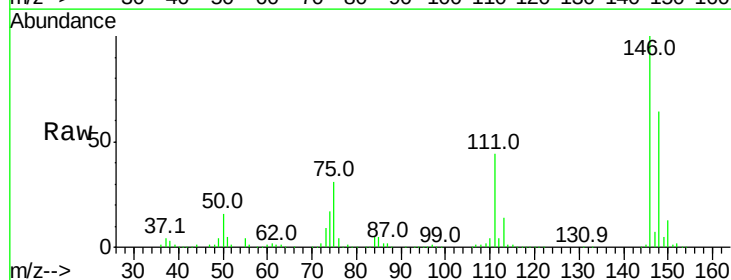
Manual Integrations
 APPROVED

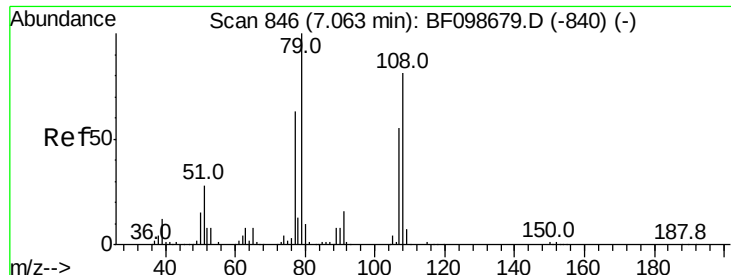
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 39.275 ng
 RT: 7.10 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BF098686.D
 Acq: 22 Sep 2017 8:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.6	75.8
111	44.1	36.0	54.0





#15

Benzyl Alcohol

Concen: 43.001 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BF098686.D

Acq: 22 Sep 2017 8:52

Instrument :

BNA_F

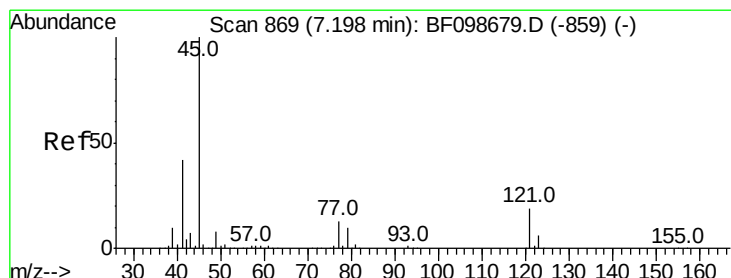
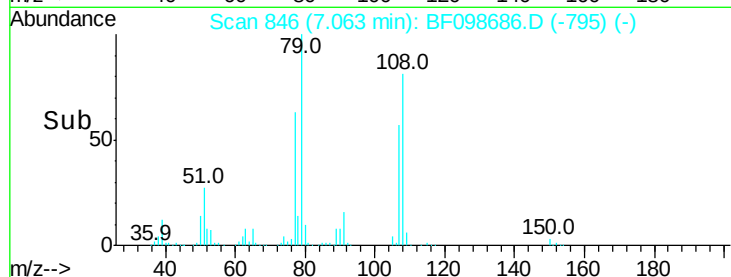
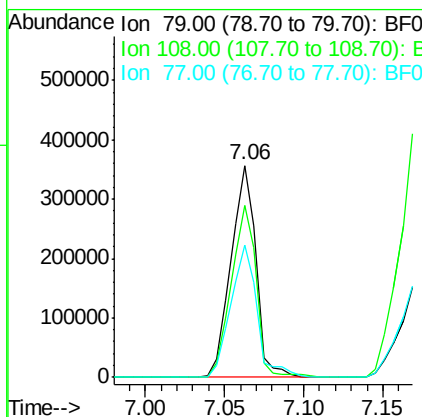
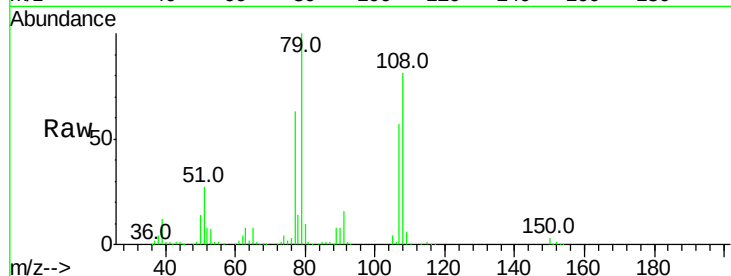
ClientSampled :

PB102454BS

Tot Ion:	79	Resp:	389695
Ion Ratio	Lower	Upper	
79	100		
108	81.3	65.1	97.7
77	62.5	50.6	75.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.455 ng

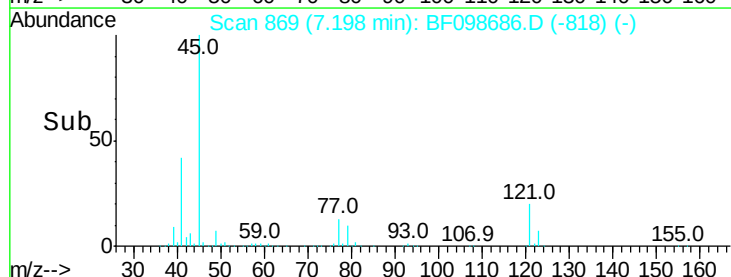
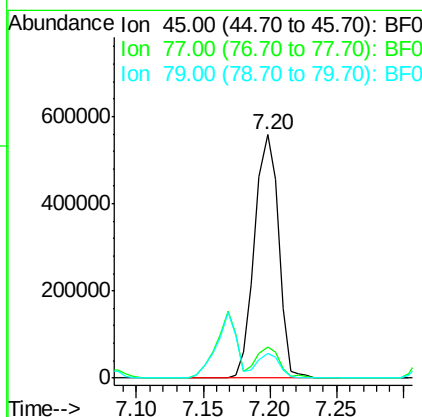
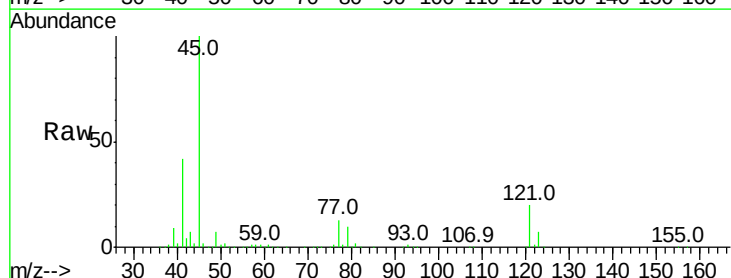
RT: 7.20 min Scan# 869

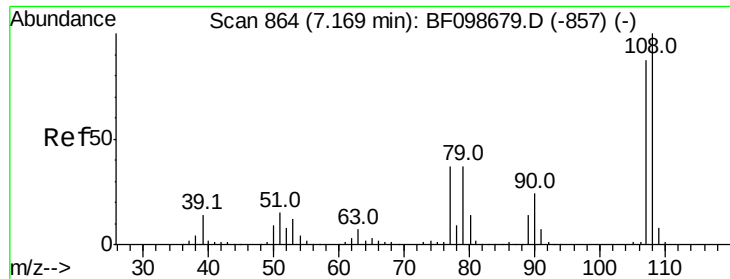
Delta R.T. -0.00 min

Lab File: BF098686.D

Acq: 22 Sep 2017 8:52

Tgt Ion:	45	Resp:	688446
Ion Ratio	Lower	Upper	
45	100		
77	12.8	0.0	32.9
79	10.1	0.0	29.6





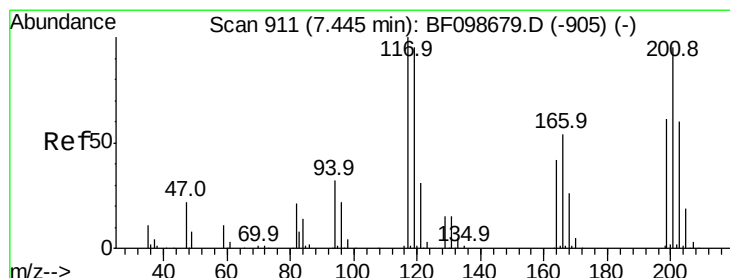
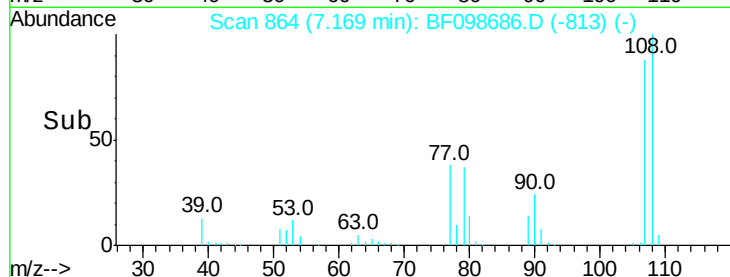
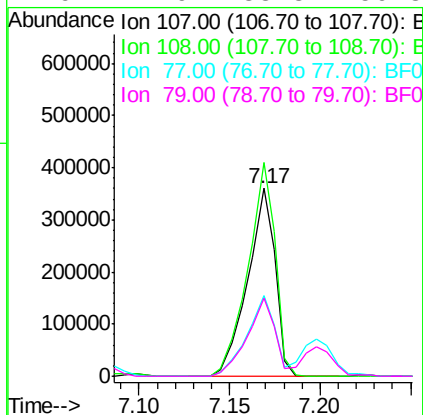
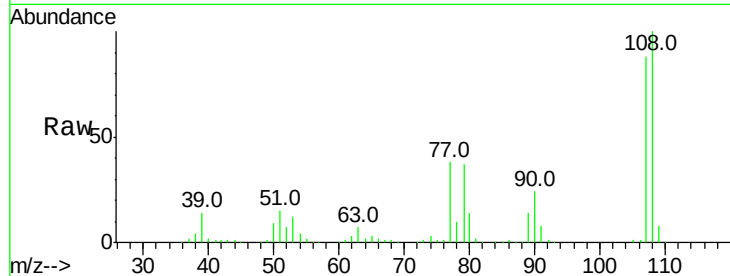
#17
2-Methylphenol
Concen: 41.375 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: BF098686.D
Acq: 22 Sep 2017 8:52

Instrument :
BNA_F
ClientSampleId :
PB102454BS

Tot Ion:	107	Resp:	379829
Ion Ratio	Lower	Upper	
107	100		
108	113.8	91.7	137.5
77	42.8	33.8	50.8
79	41.9	33.8	50.8

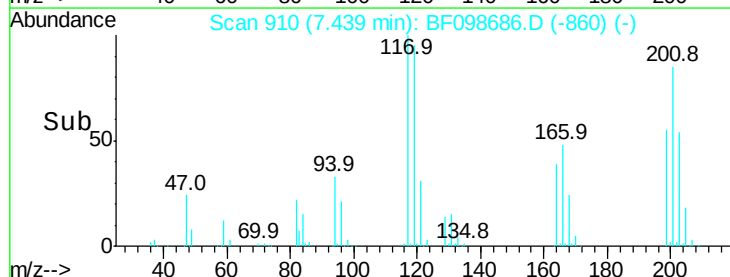
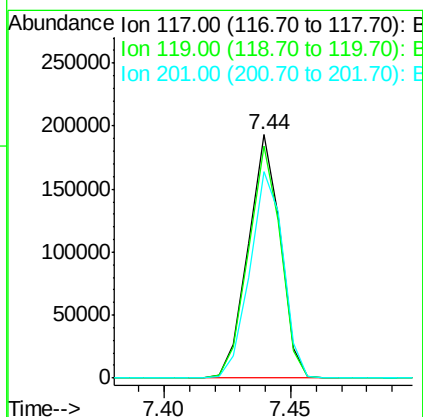
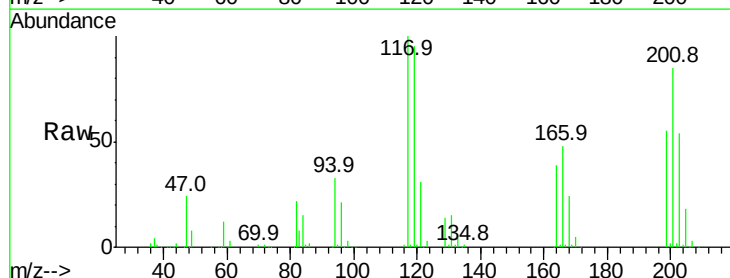
Manual Integrations
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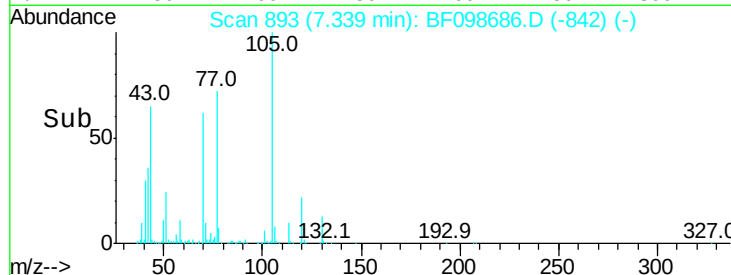
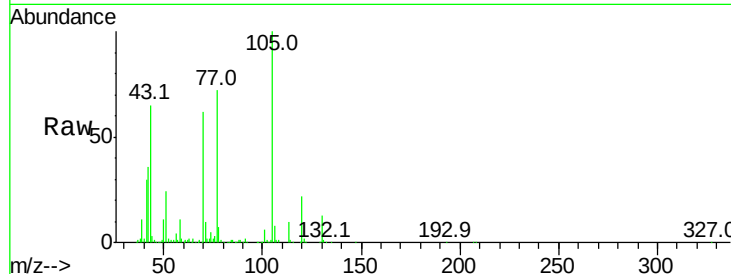
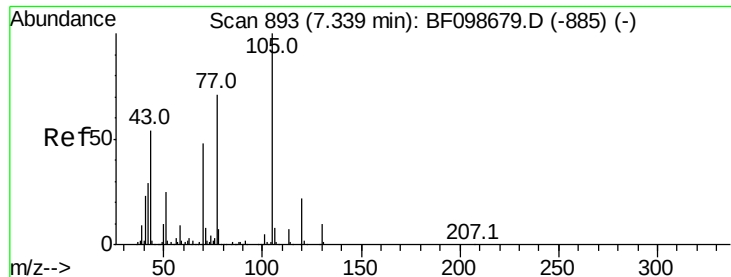
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#18
Hexachloroethane
Concen: 41.198 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF098686.D
Acq: 22 Sep 2017 8:52

Tgt Ion:	117	Resp:	170820
Ion Ratio	Lower	Upper	
117	100		
119	95.5	75.8	113.8
201	84.7	75.7	113.5





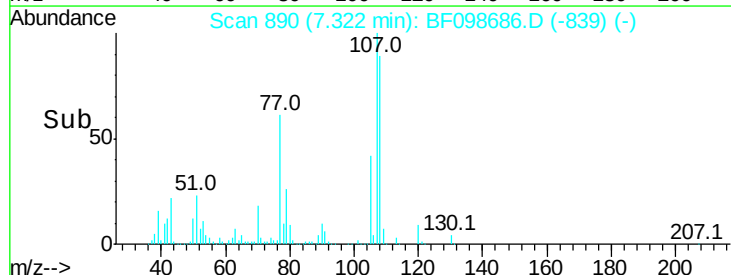
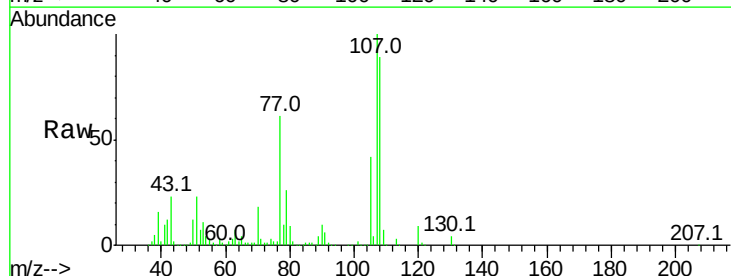
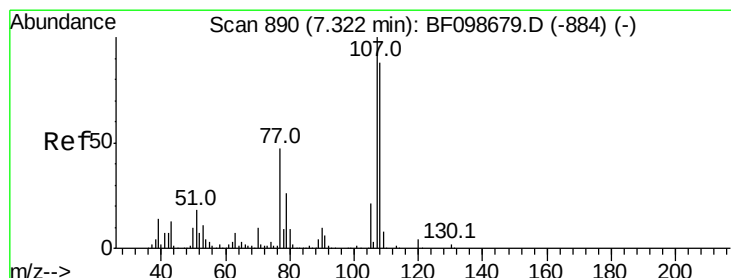
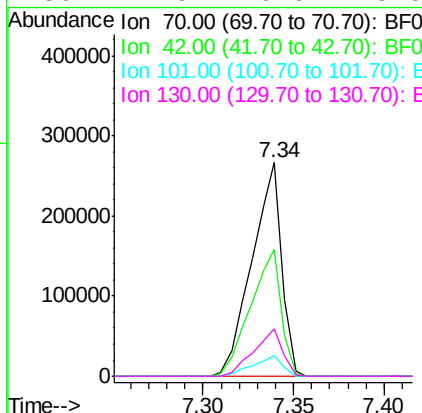
#19
n-Nitroso-di-n-propylamine
Concen: 39.010 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.00 min
Lab File: BF098686.D
Acq: 22 Sep 2017 8:52

Instrument :
BNA_F
ClientSampleId :
PB102454BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		303513		
42	59.2	47.5	71.3		
101	9.7	7.4	11.2		
130	21.9	16.6	25.0		

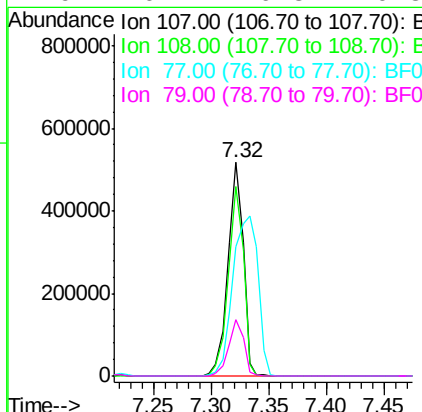
Manual Integrations
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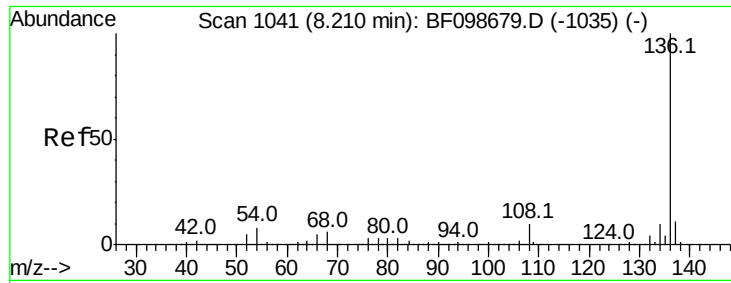
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#20
3+4-Methylphenols
Concen: 40.125 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF098686.D
Acq: 22 Sep 2017 8:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		474918		
108	88.8	68.2	108.2		
77	60.5	26.7	66.7		
79	26.2	6.3	46.3		





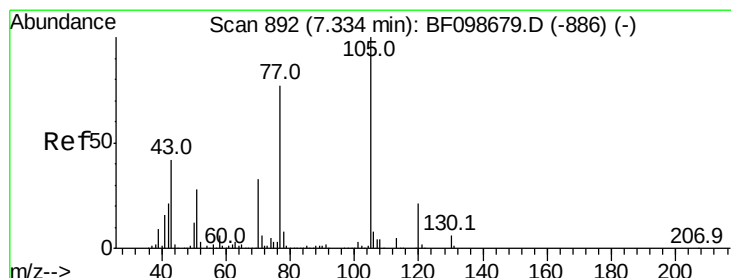
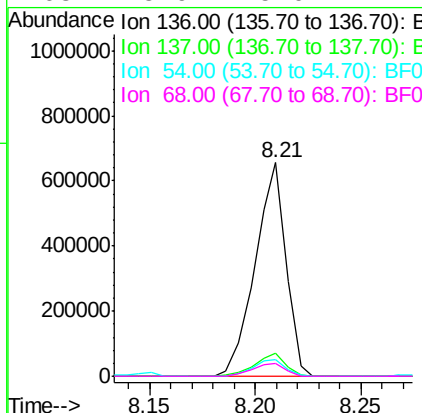
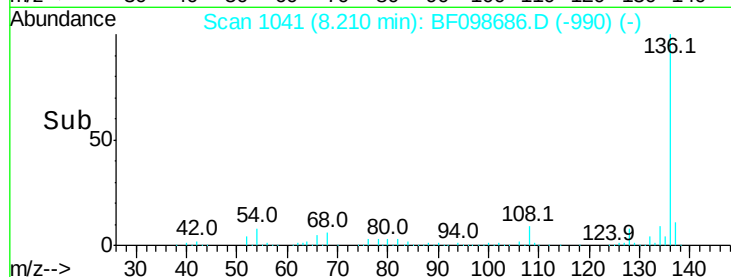
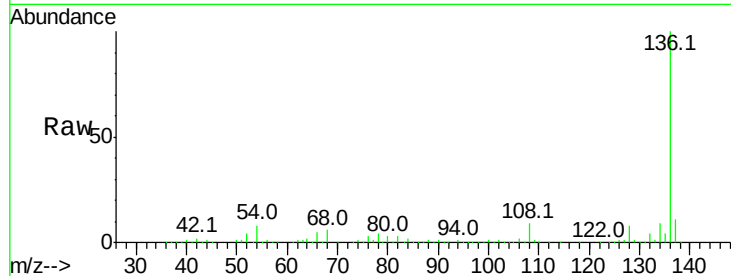
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF098686.D
Acq: 22 Sep 2017 8:52

Instrument :
BNA_F
ClientSampleId :
PB102454BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.0	6.6	9.8
68	5.9	5.0	7.4

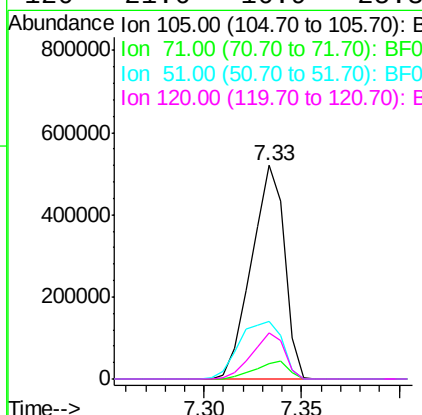
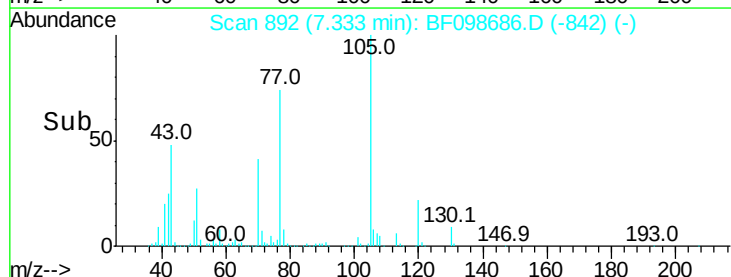
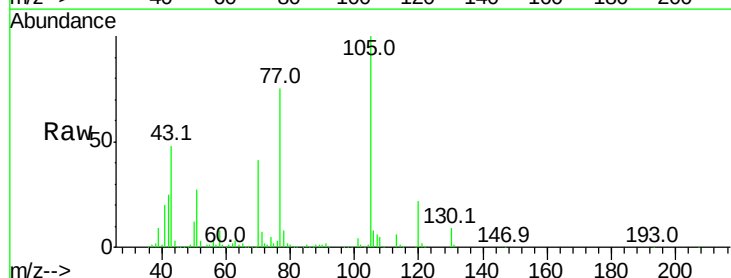
Manual Integrations
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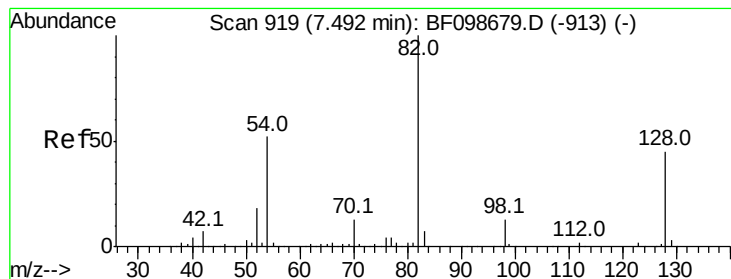
Sohil
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#22
Acetophenone
Concen: 37.230 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF098686.D
Acq: 22 Sep 2017 8:52

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	7.4	4.4	6.6#
51	27.0	22.3	33.5
120	21.6	16.9	25.3





#23

Nitrobenzene-d5

Concen: 97.253 ng

RT: 7.49 min Scan# 919

Delta R.T. -0.00 min

Lab File: BF098686.D

Acq: 22 Sep 2017 8:52

Instrument :

BNA_F

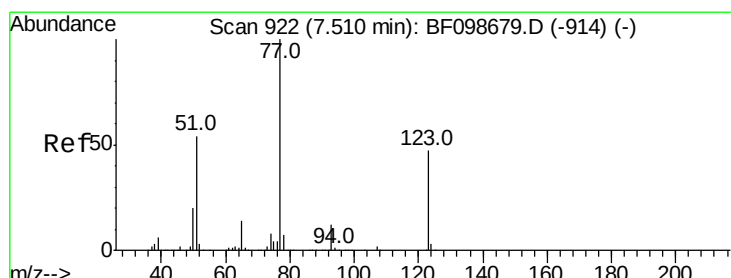
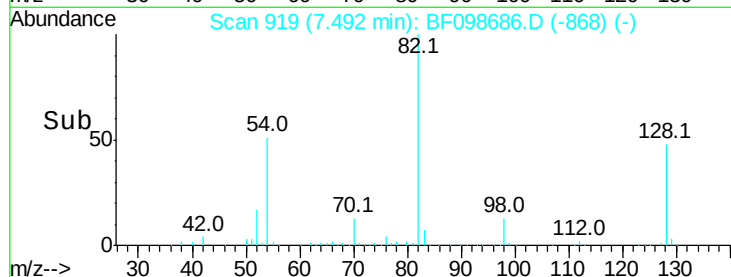
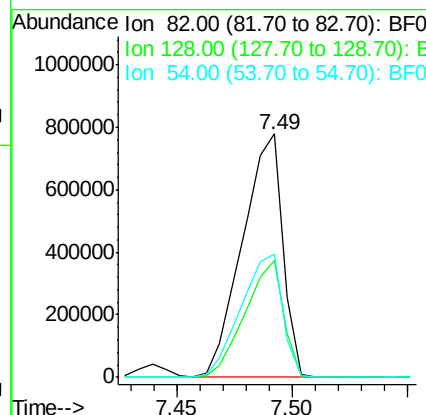
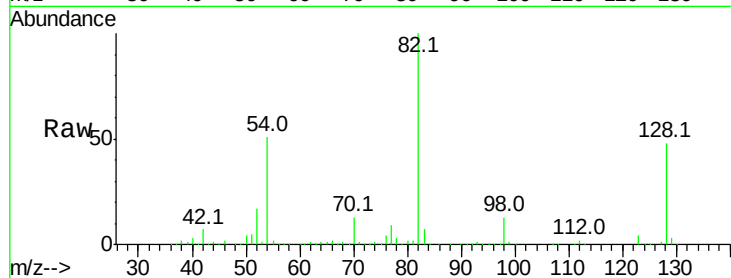
ClientSampled :

PB102454BS

Tot Ion:	82	Resp:	950198
Ion Ratio	Lower	Upper	
82	100		
128	47.8	36.1	54.1
54	50.8	41.4	62.2

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#24

Nitrobenzene

Concen: 41.065 ng

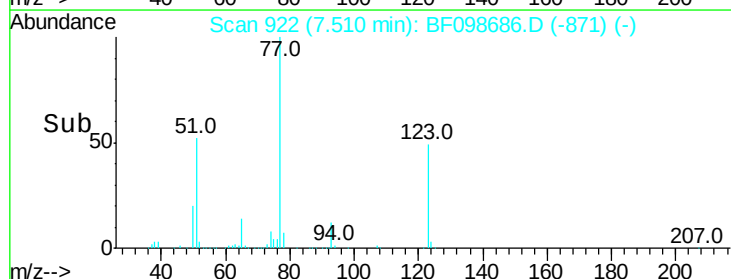
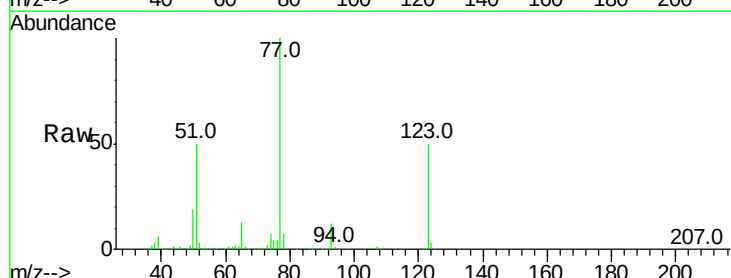
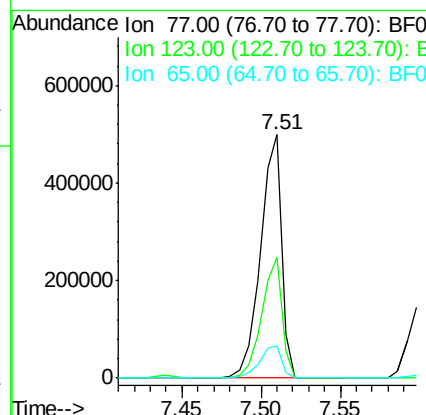
RT: 7.51 min Scan# 922

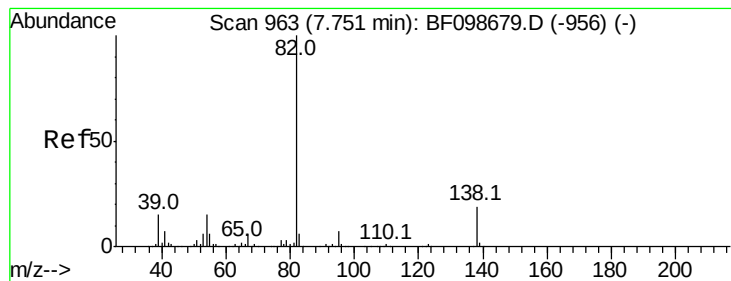
Delta R.T. -0.00 min

Lab File: BF098686.D

Acq: 22 Sep 2017 8:52

Tgt Ion:	77	Resp:	463386
Ion Ratio	Lower	Upper	
77	100		
123	49.5	37.9	56.9
65	13.1	11.0	16.4





#25

Isophorone

Concen: 39.677 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF098686.D

Acq: 22 Sep 2017 8:52

Instrument :

BNA_F

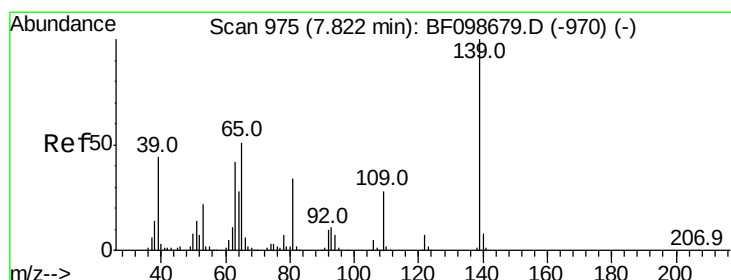
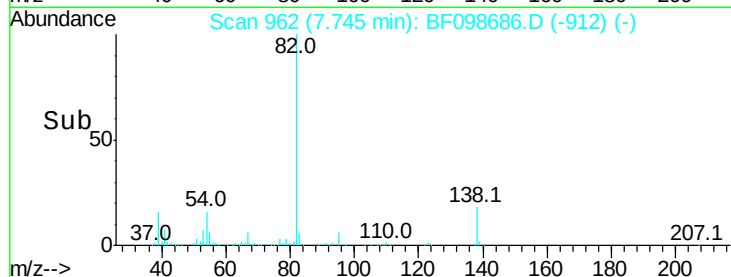
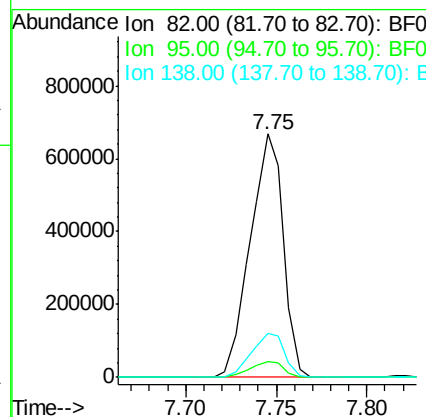
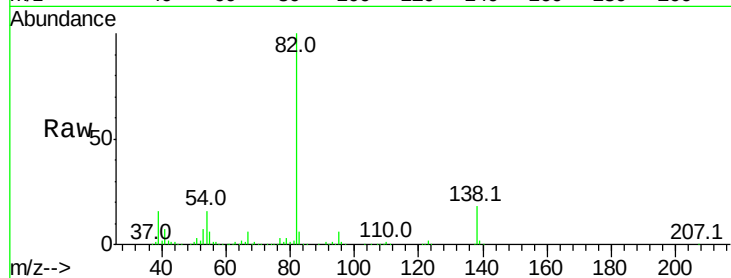
ClientSampleId :

PB102454BS

Tot Ion:	82	Resp:	845455
Ion Ratio	Lower	Upper	
82	100		
95	6.4	5.2	7.8
138	18.0	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.165 ng

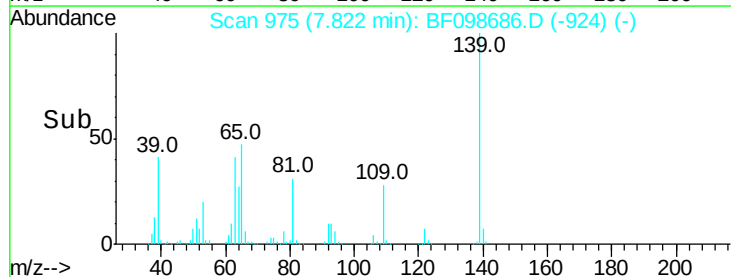
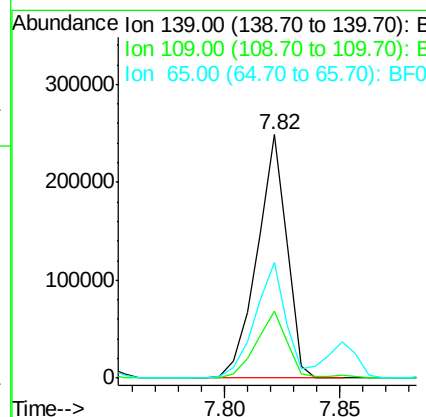
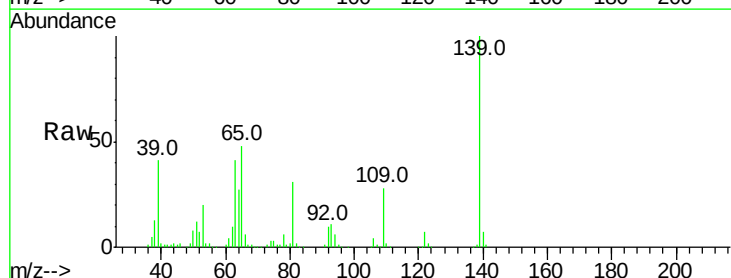
RT: 7.82 min Scan# 975

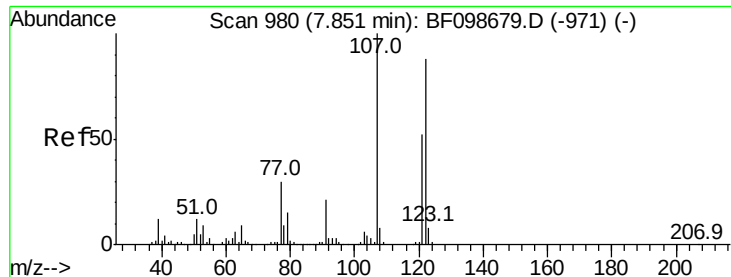
Delta R.T. -0.00 min

Lab File: BF098686.D

Acq: 22 Sep 2017 8:52

Tgt Ion:	139	Resp:	223863
Ion Ratio	Lower	Upper	
139	100		
109	27.8	22.7	34.1
65	47.5	40.5	60.7





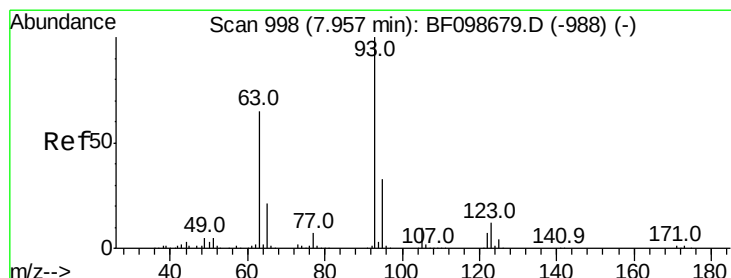
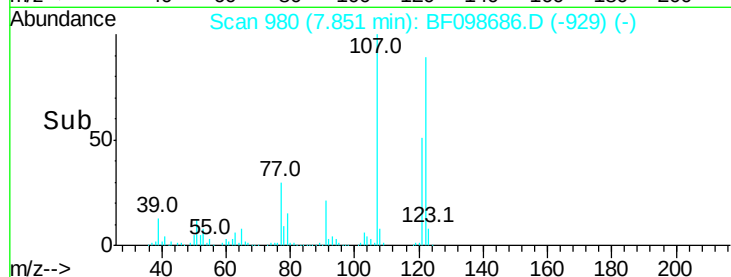
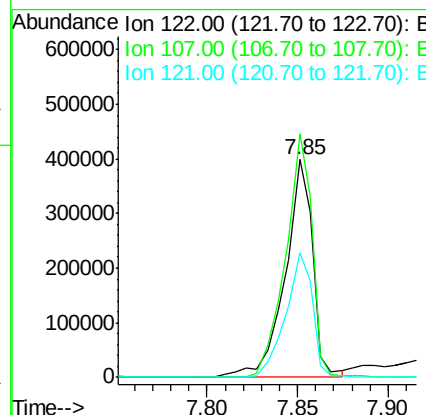
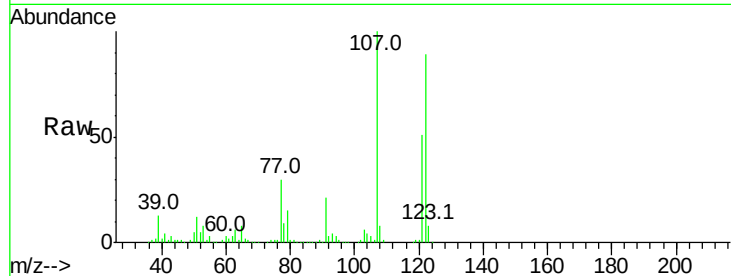
#27
 2,4-Dimethylphenol
 Concen: 40.467 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: BF098686.D
 Acq: 22 Sep 2017 8:52

Instrument :
 BNA_F
 ClientSampleId :
 PB102454BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	423471		
107	111.8	91.2	136.8	
121	57.2	47.2	70.8	

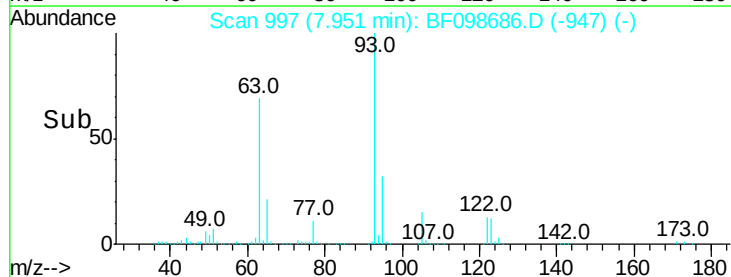
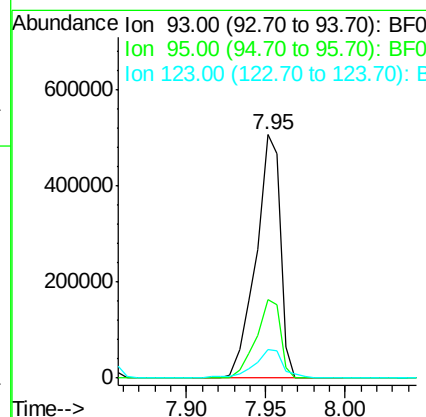
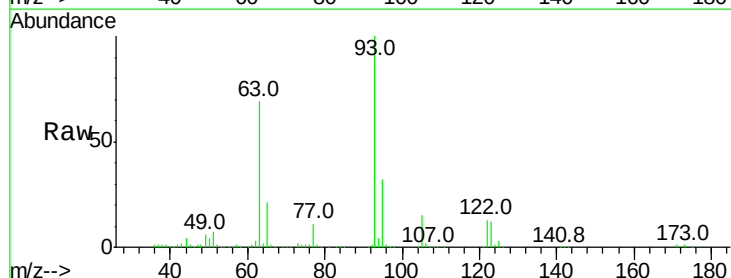
Manual Integrations
 APPROVED

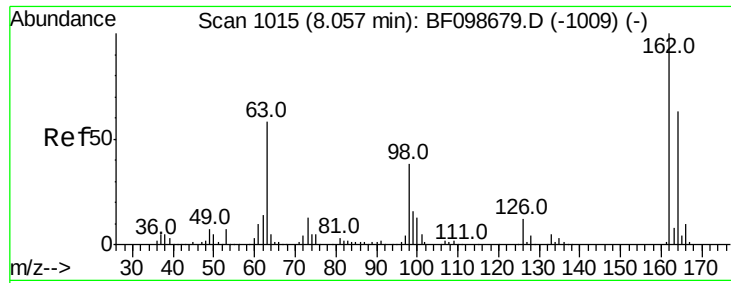
Sohil
 9/25/2017 6:20:54 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.860 ng
 RT: 7.95 min Scan# 997
 Delta R.T. -0.01 min
 Lab File: BF098686.D
 Acq: 22 Sep 2017 8:52

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	541766		
95	32.1	26.3	39.5	
123	11.7	9.8	14.6	





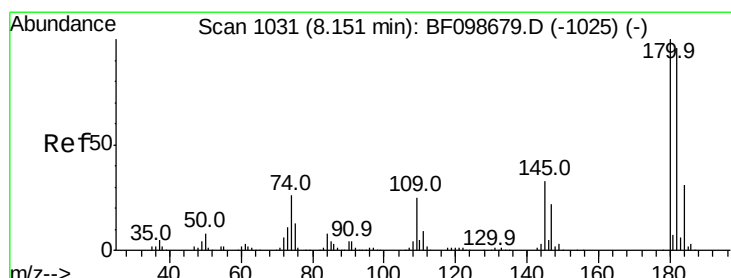
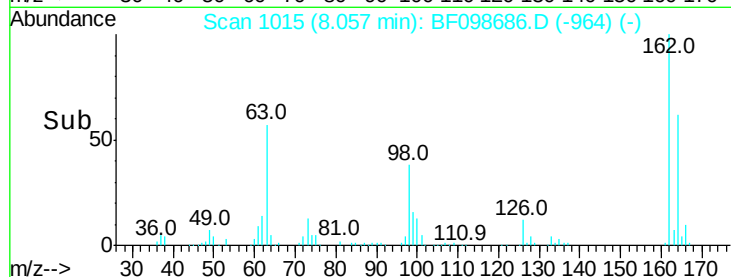
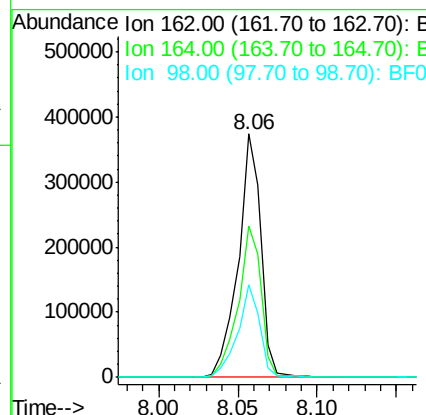
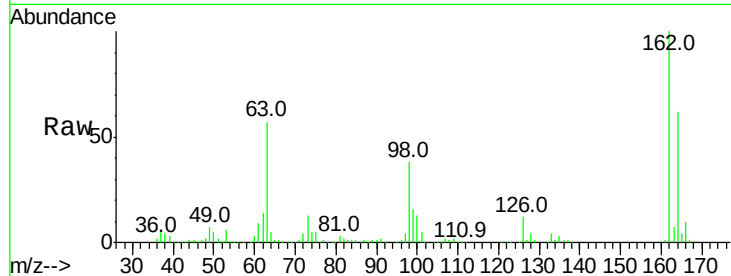
#29
2,4-Dichlorophenol
Concen: 41.303 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BF098686.D
Acq: 22 Sep 2017 8:52

Instrument :
BNA_F
ClientSampleId :
PB102454BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	62.3	42.7	82.7
98	38.2	18.1	58.1

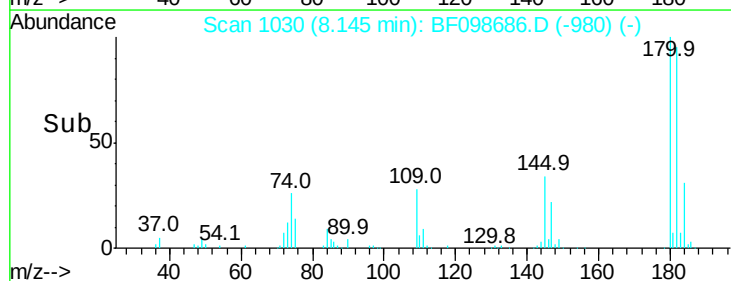
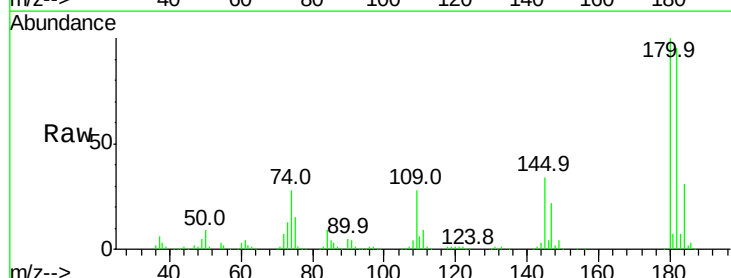
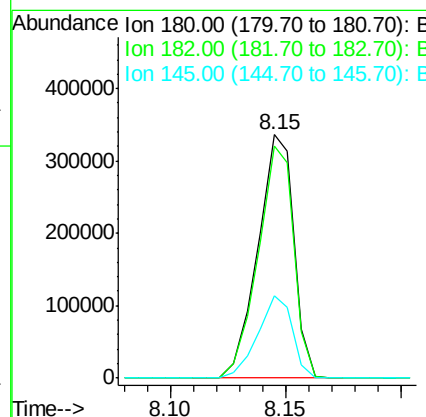
Manual Integrations
APPROVED

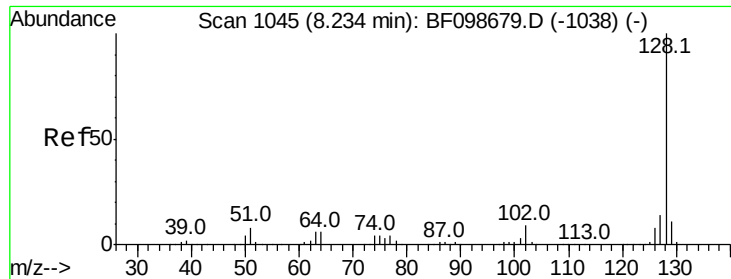
Sohil
9/25/2017 6:20:54 PM



#30
1,2,4-Trichlorobenzene
Concen: 40.236 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF098686.D
Acq: 22 Sep 2017 8:52

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.2	76.8	115.2
145	33.9	26.5	39.7





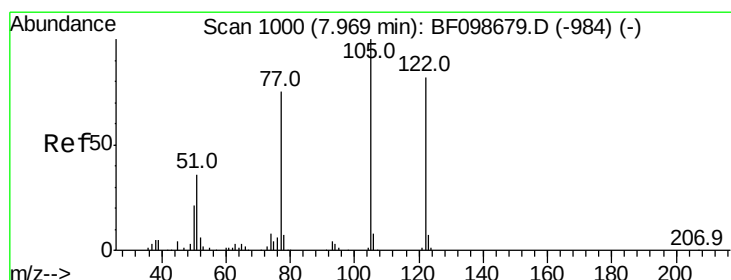
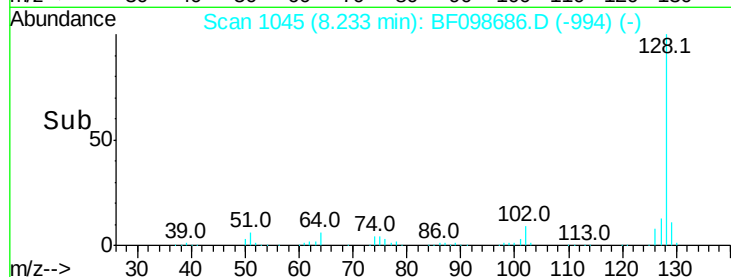
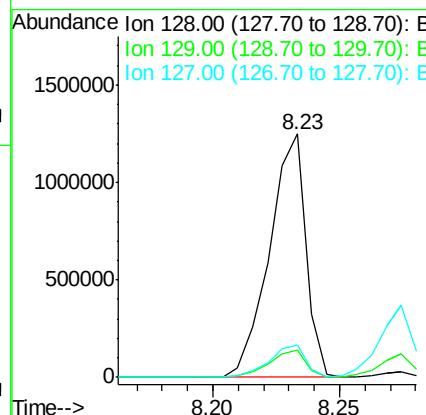
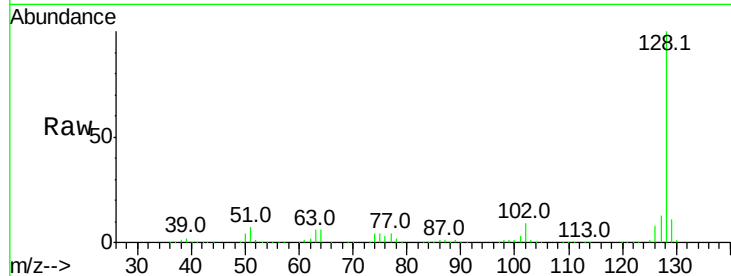
#31
Naphthalene
Concen: 40.079 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF098686.D
Acq: 22 Sep 2017 8:52

Instrument :
BNA_F
ClientSampleId :
PB102454BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.5	10.9	16.3

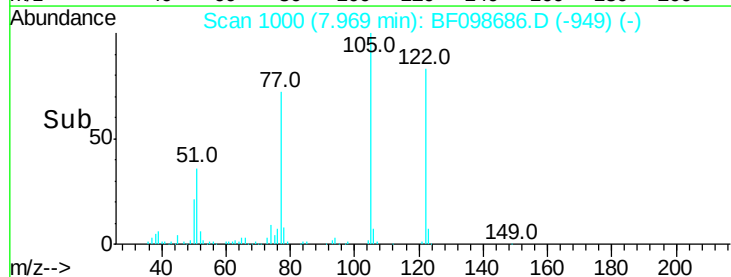
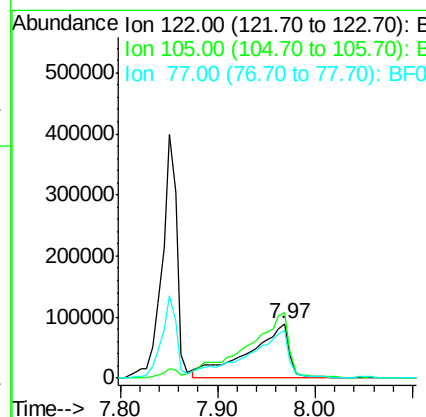
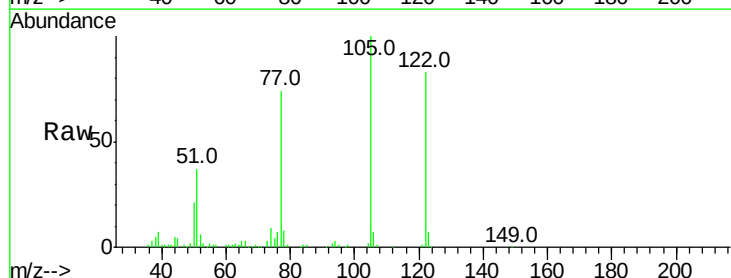
Manual Integrations
APPROVED

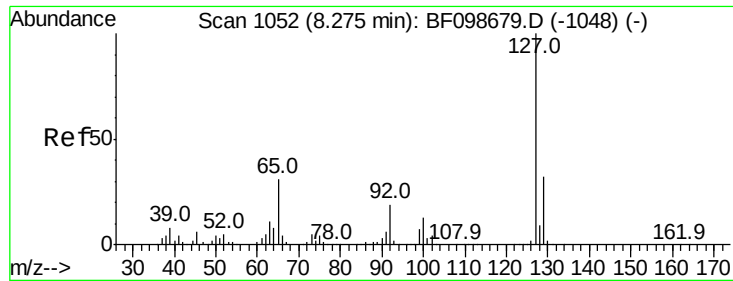
Sohil
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#32
Benzoic acid
Concen: 39.200 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BF098686.D
Acq: 22 Sep 2017 8:52

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.2	101.1	141.1
77	88.8	70.7	110.7





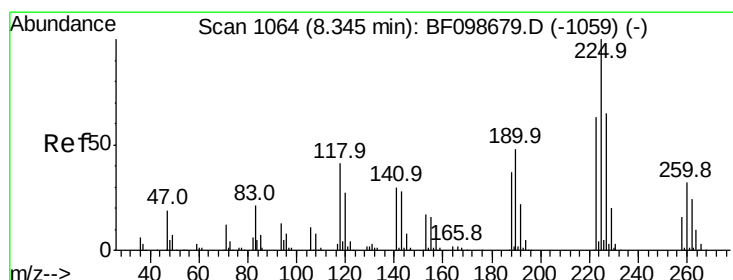
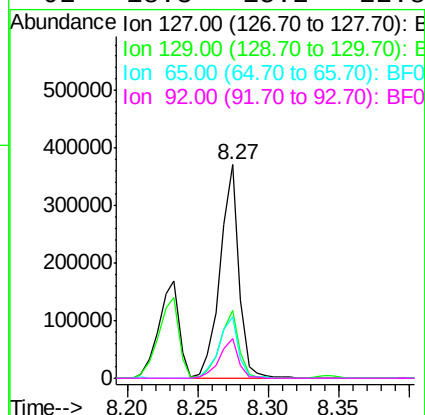
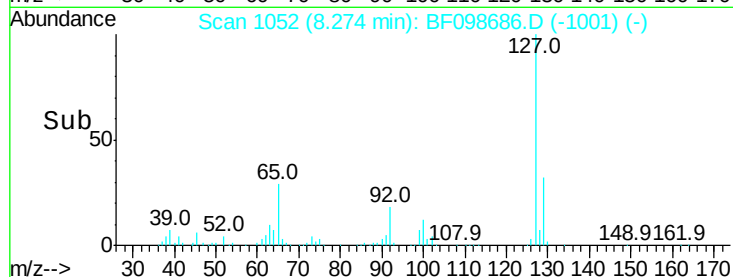
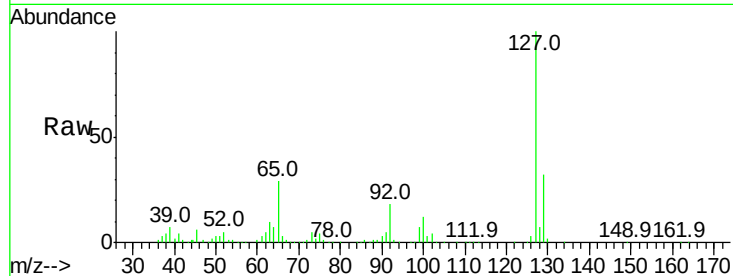
#33
4-Chloroaniline
Concen: 26.214 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BF098686.D
Acq: 22 Sep 2017 8:52

Instrument :
BNA_F
ClientSampleId :
PB102454BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.5	25.9	38.9	
65	28.9	25.0	37.4	
92	18.3	15.2	22.8	

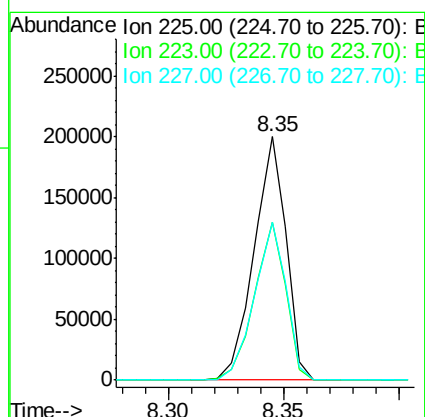
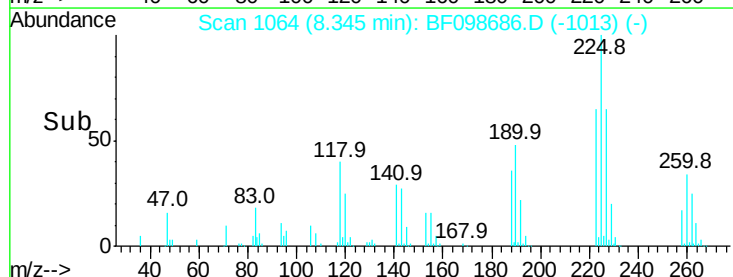
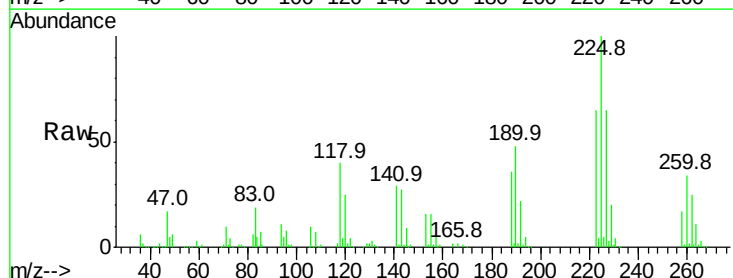
Manual Integrations
APPROVED

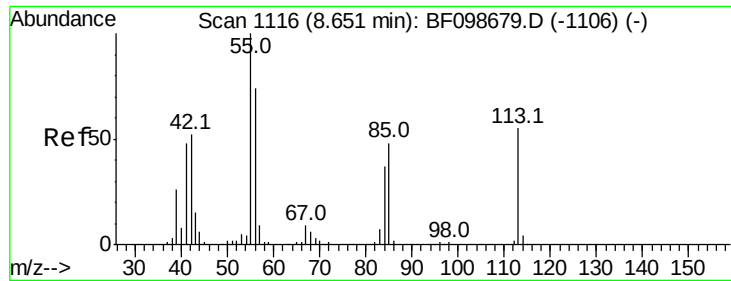
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#34
Hexachlorobutadiene
Concen: 39.563 ng
RT: 8.35 min Scan# 1064
Delta R.T. -0.00 min
Lab File: BF098686.D
Acq: 22 Sep 2017 8:52

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	65.0	50.6	76.0	
227	65.0	51.9	77.9	





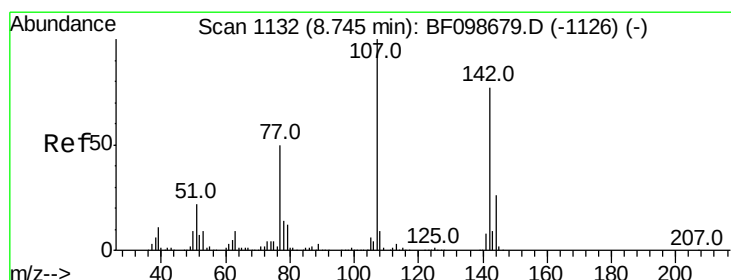
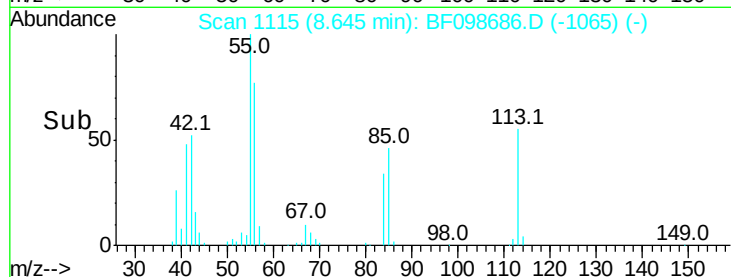
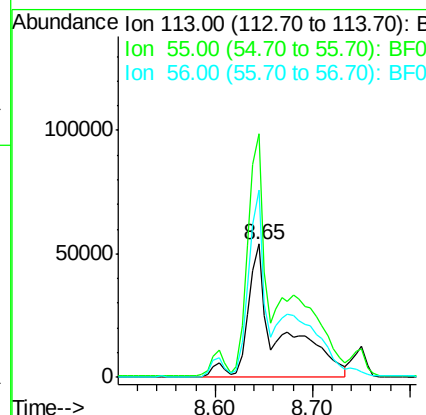
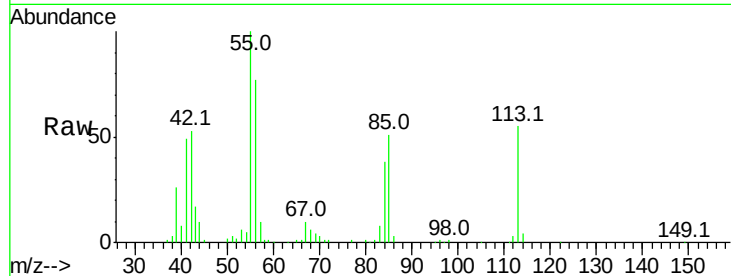
#35
Caprolactam
Concen: 44.035 ng/ml
RT: 8.65 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BF098686.D
Acq: 22 Sep 2017 8:52

Instrument :
BNA_F
ClientSampleId :
PB102454BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	183.0	163.3	203.3
56	140.6	115.7	155.7

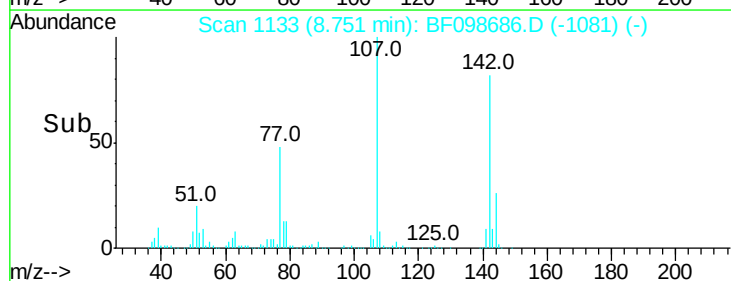
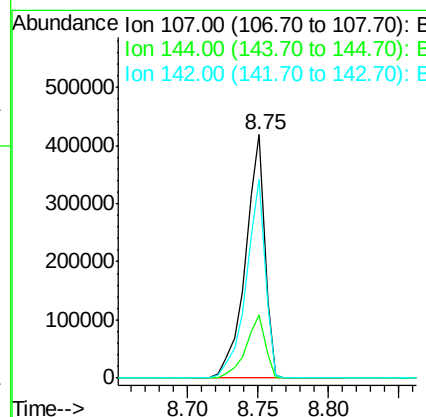
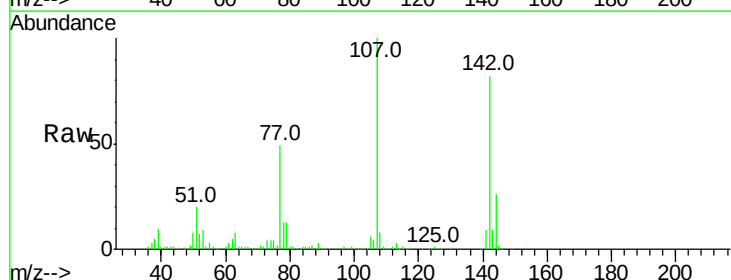
Manual Integrations
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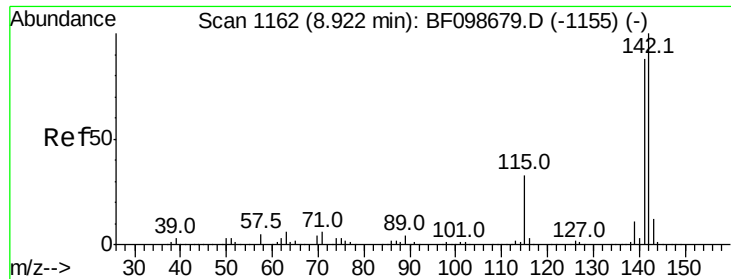
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#36
4-Chloro-3-methylphenol
Concen: 39.016 ng/ml
RT: 8.75 min Scan# 1133
Delta R.T. 0.01 min
Lab File: BF098686.D
Acq: 22 Sep 2017 8:52

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.7	20.5	30.7
142	81.7	62.0	93.0





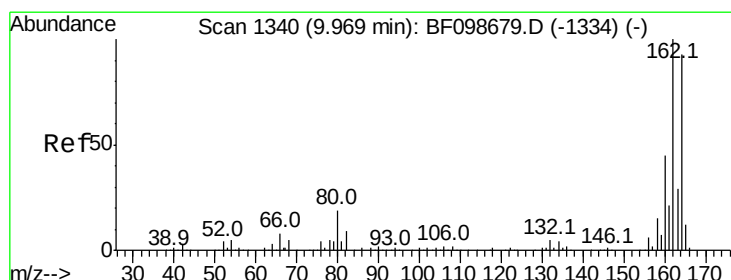
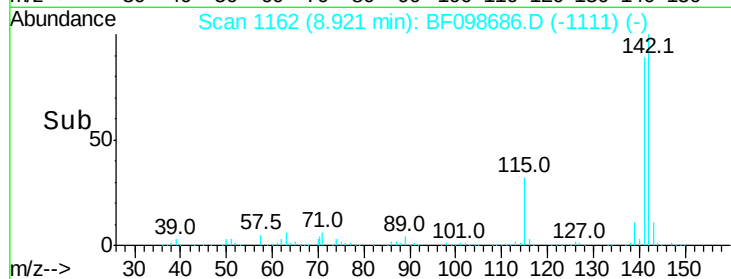
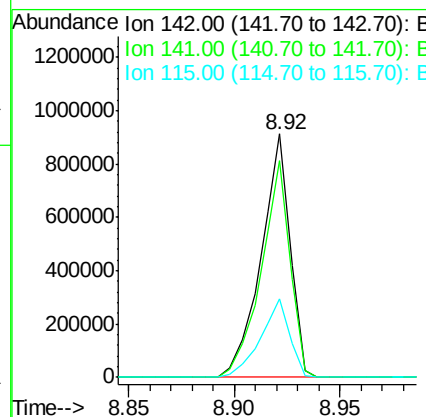
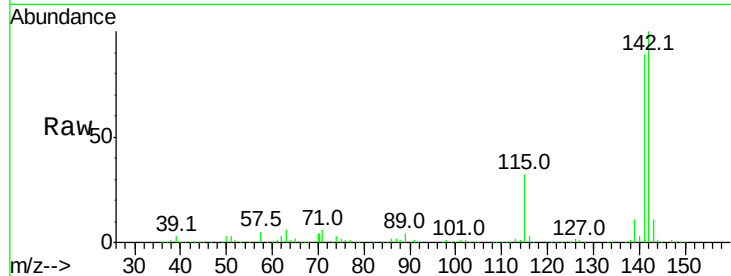
#37
 2-Methylnaphthalene
 Concen: 43.144 ng
 RT: 8.92 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BF098686.D
 Acq: 22 Sep 2017 8:52

Instrument :
 BNA_F
 ClientSampleId :
 PB102454BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.8	106.2
115	32.1	26.1	39.1

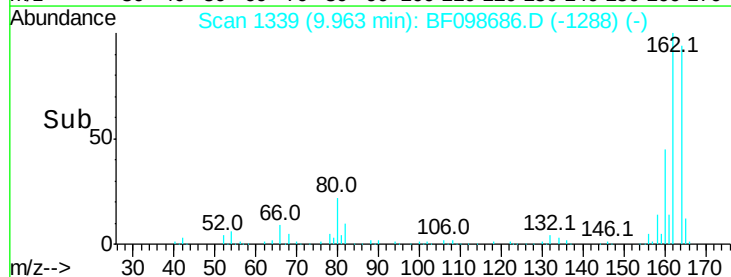
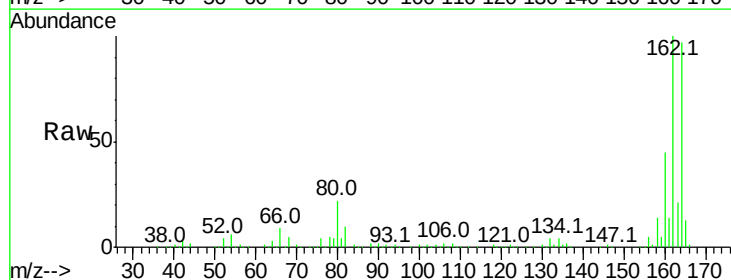
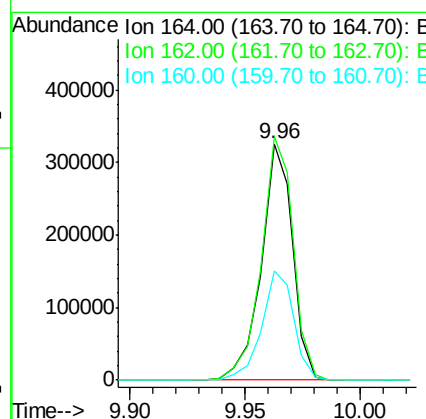
Manual Integrations
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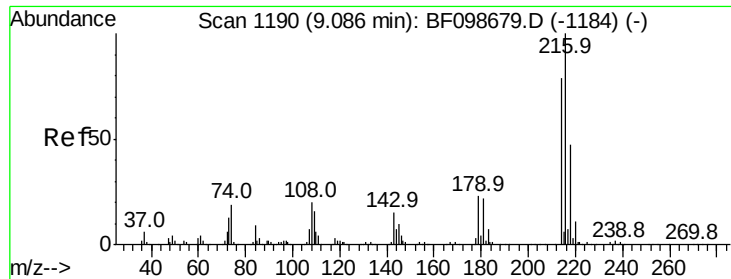
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.00 min
 Lab File: BF098686.D
 Acq: 22 Sep 2017 8:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	86.1	129.1
160	46.3	38.3	57.5





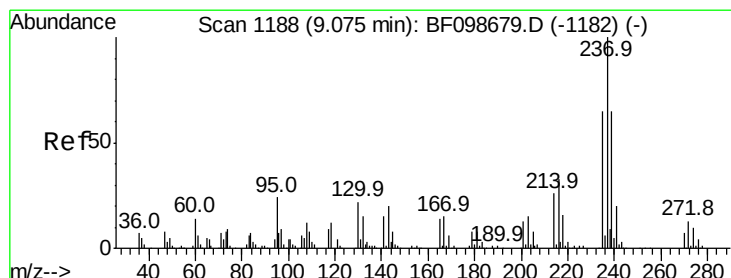
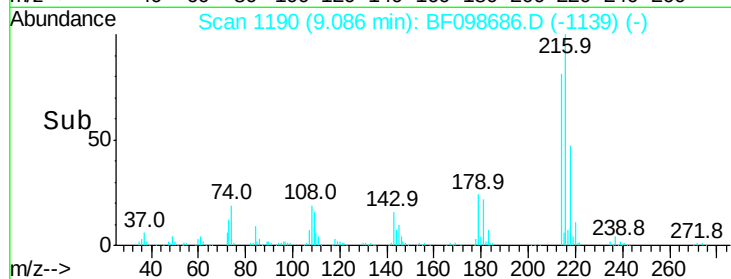
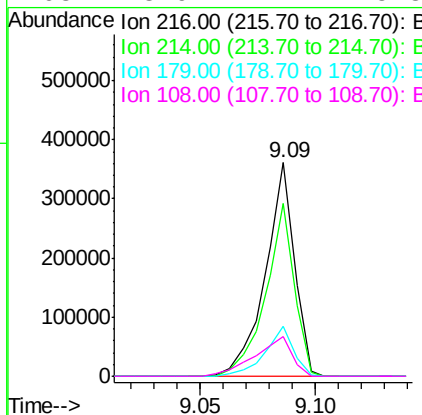
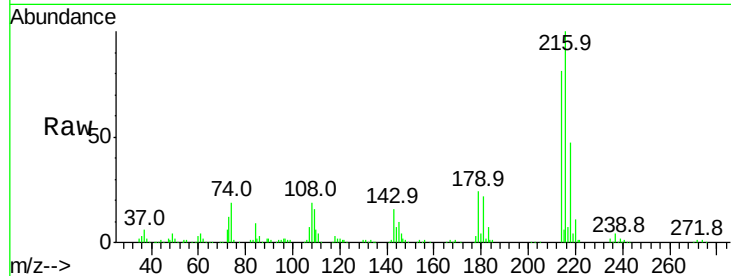
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.876 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: BF098686.D
 Acq: 22 Sep 2017 8:52

Instrument :
 BNA_F
 ClientSampled :
 PB102454BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	317037		
214	79.2	63.0	94.4	
179	22.9	18.1	27.1	
108	23.9	17.2	25.8	

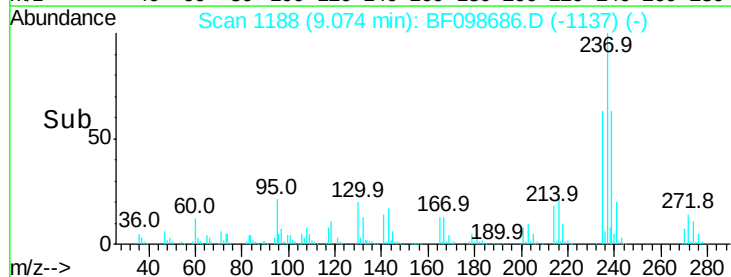
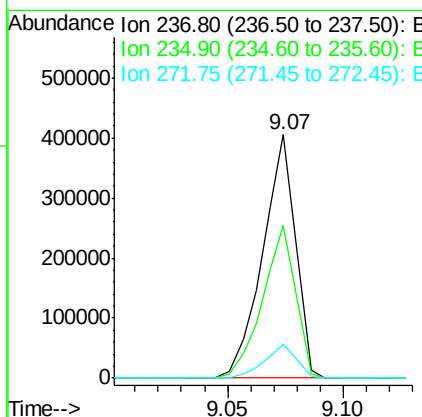
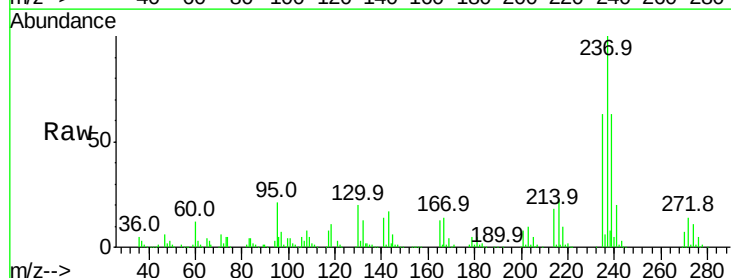
Manual Integrations
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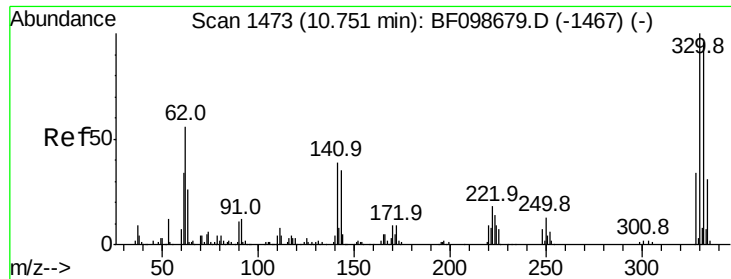
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 101.693 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF098686.D
 Acq: 22 Sep 2017 8:52

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	401717		
235	62.8	44.8	84.8	
272	13.7	0.0	33.3	





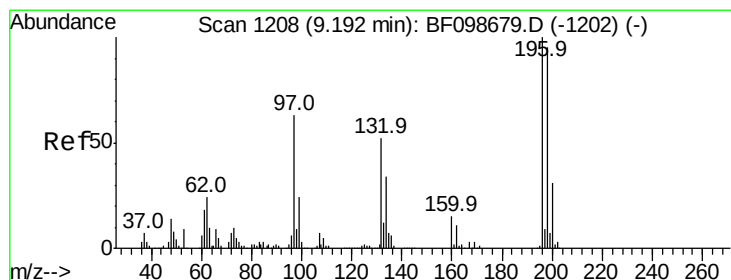
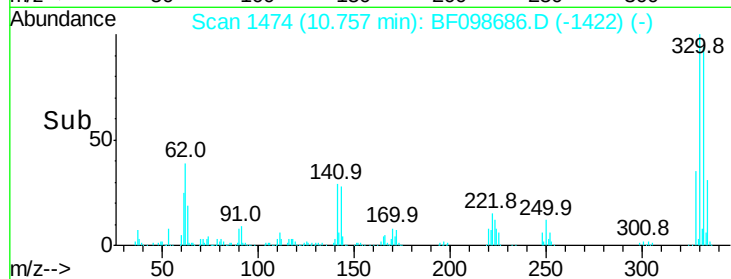
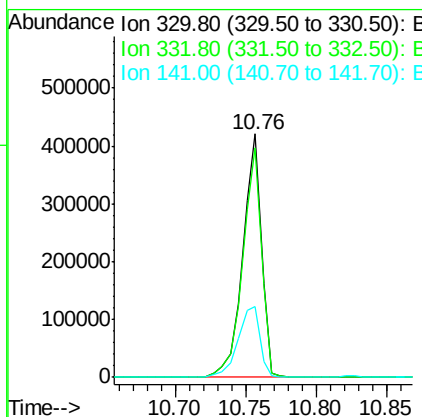
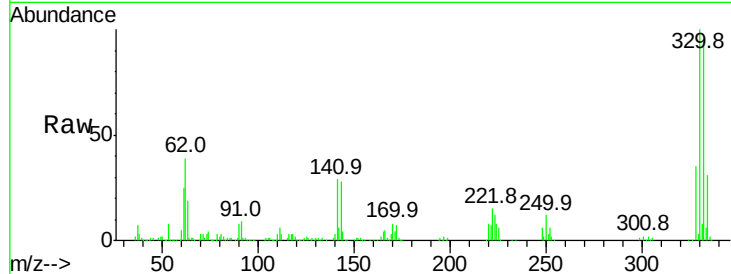
#41
 2,4,6-Tribromophenol
 Concen: 138.083 ng
 RT: 10.76 min Scan# 1474
 Delta R.T. 0.01 min
 Lab File: BF098686.D
 Acq: 22 Sep 2017 8:52

Instrument :
 BNA_F
 ClientSampled :
 PB102454BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.1	77.0	115.6	
141	34.3	29.9	44.9	

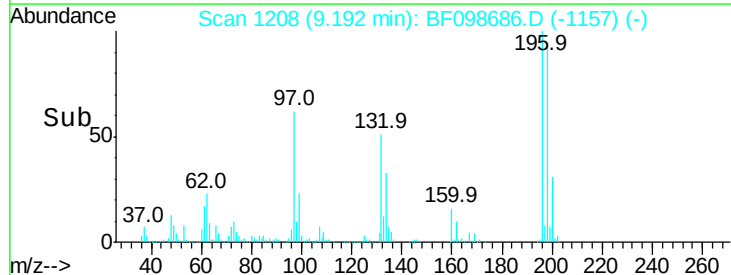
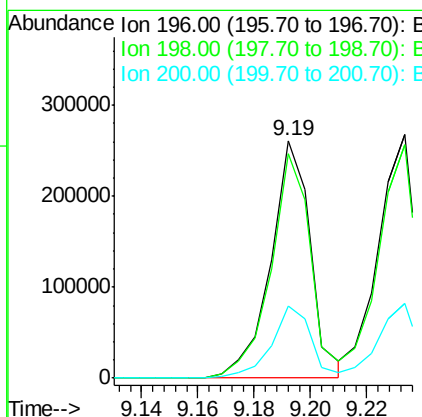
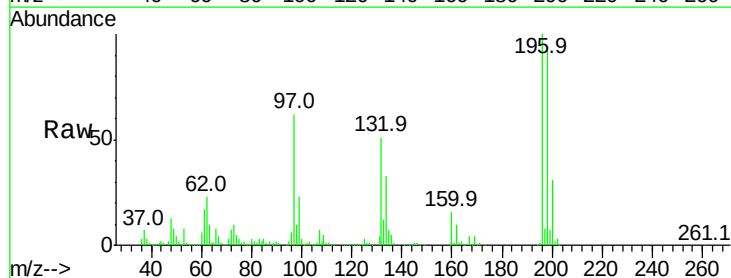
Manual Integrations
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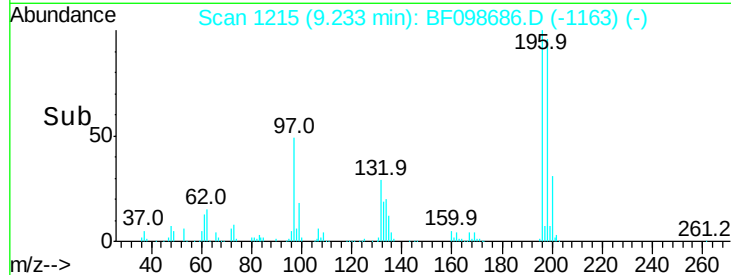
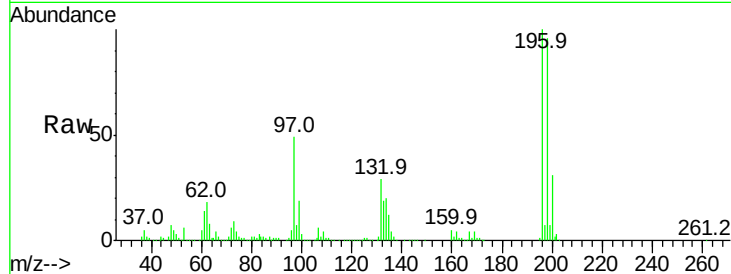
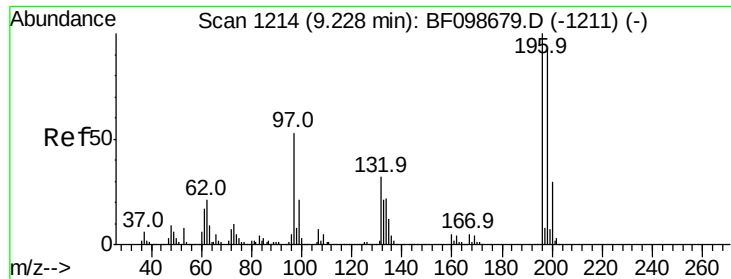
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 41.699 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF098686.D
 Acq: 22 Sep 2017 8:52

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	94.3	75.7	113.5	
200	30.5	24.5	36.7	





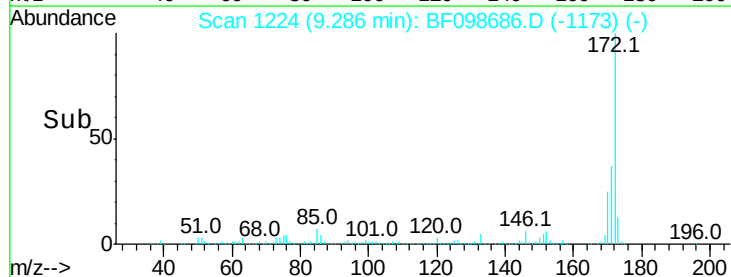
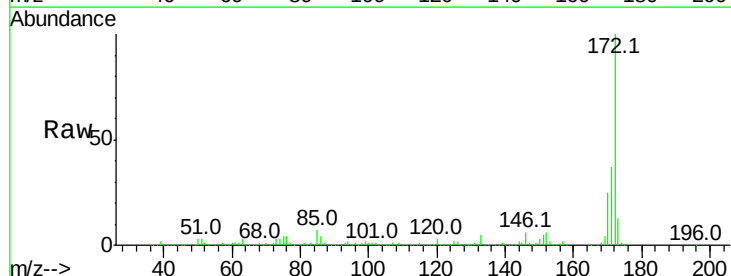
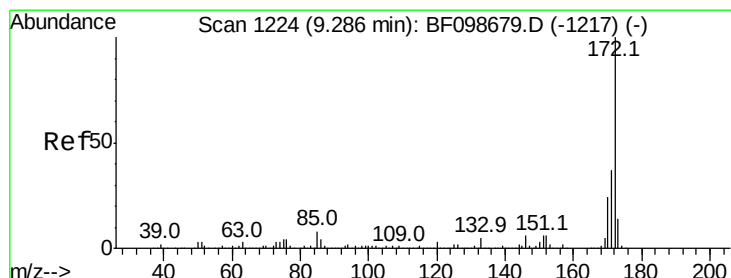
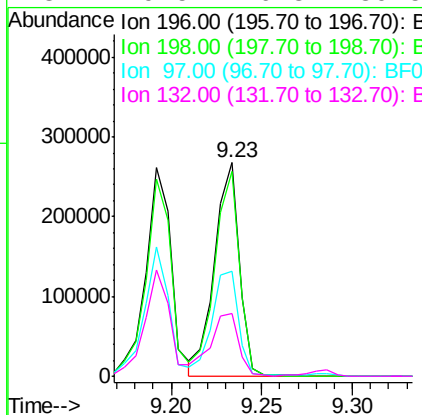
#43
2,4,5-Trichlorophenol
Concen: 40.632 ng
RT: 9.23 min Scan# 1215
Delta R.T. 0.01 min
Lab File: BF098686.D
Acq: 22 Sep 2017 8:52

Tot Ion	Ratio	Resp	Lower	Upper
196	100	255241		
198	95.7	74.6	112.0	
97	49.3	42.9	64.3	
132	29.5	26.3	39.5	

Instrument :
BNA_F
ClientSampleId :
PB102454BS

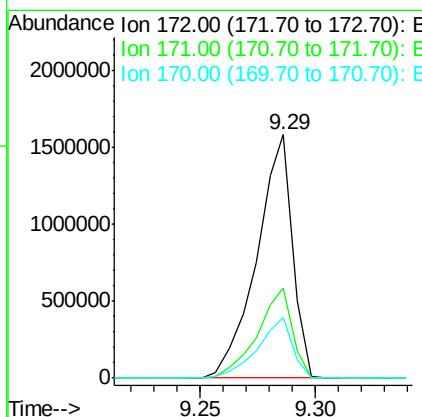
Manual Integrations
APPROVED

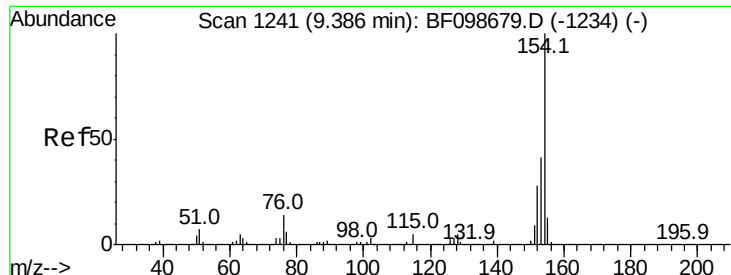
Sohil
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#44
2-Fluorobiphenyl
Concen: 88.042 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BF098686.D
Acq: 22 Sep 2017 8:52

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1700579		
171	36.9	29.7	44.5	
170	24.8	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 37.292 ng

RT: 9.39 min Scan# 1241

Delta R.T. -0.00 min

Lab File: BF098686.D

Acq: 22 Sep 2017 8:52

Instrument :

BNA_F

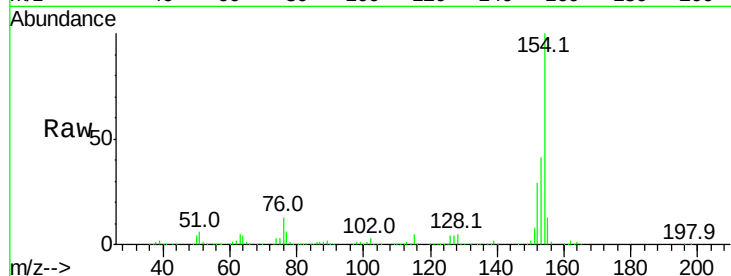
ClientSampleId :

PB102454BS

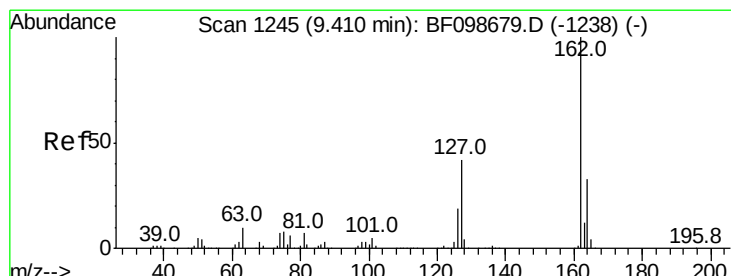
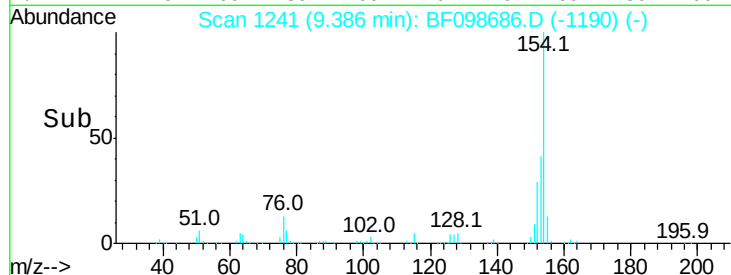
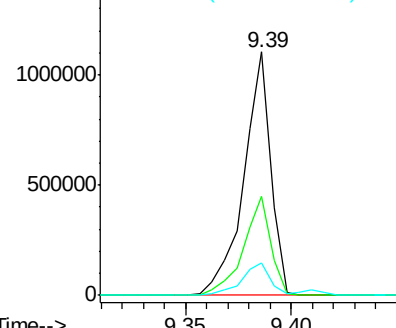
Tot Ion:	154	Resp:	984739
Ion Ratio	Lower	Upper	
154	100		
153	40.5	21.3	61.3
76	13.5	0.0	34.0

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.296 ng

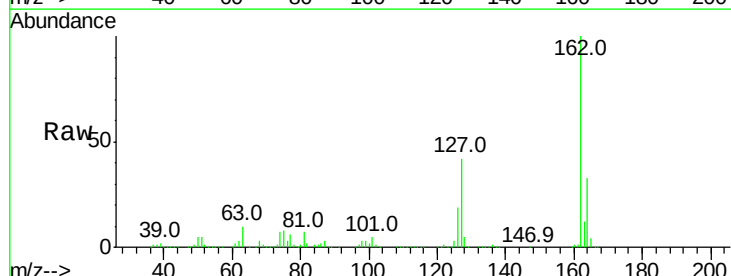
RT: 9.41 min Scan# 1245

Delta R.T. -0.00 min

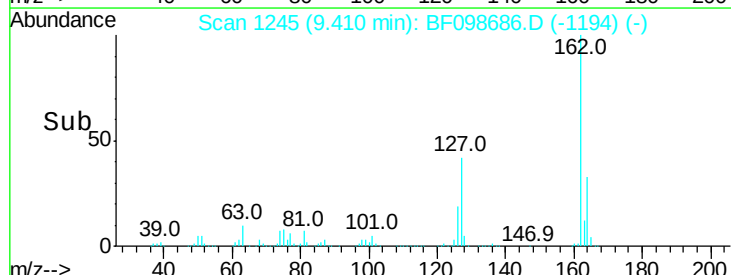
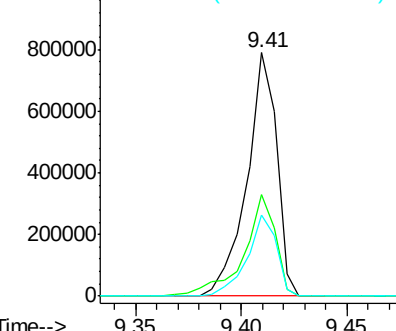
Lab File: BF098686.D

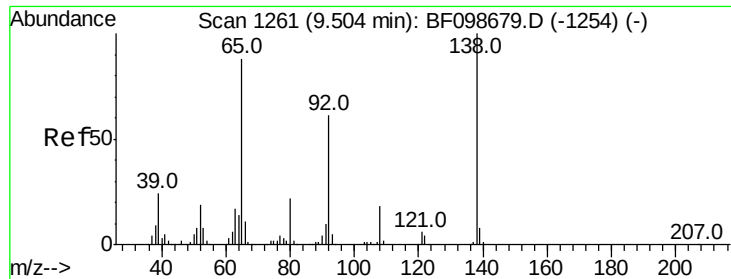
Acq: 22 Sep 2017 8:52

Tgt Ion:	162	Resp:	778124
Ion Ratio	Lower	Upper	
162	100		
127	41.8	33.9	50.9
164	33.1	26.5	39.7



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





#47

2-Nitroaniline

Concen: 44.336 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BF098686.D

Acq: 22 Sep 2017 8:52

Instrument :

BNA_F

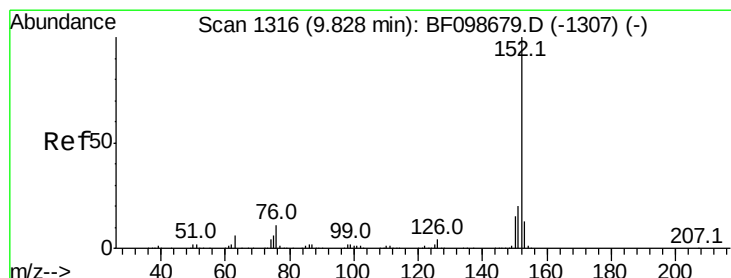
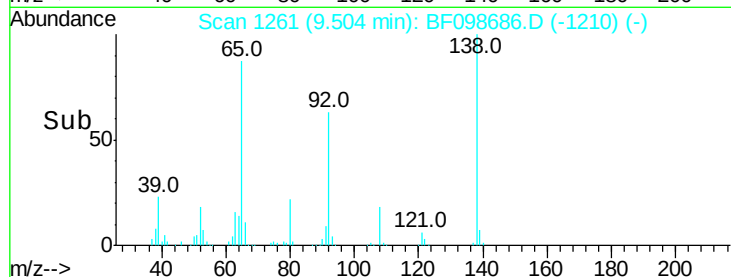
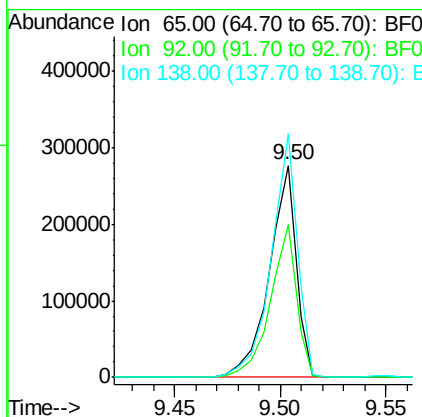
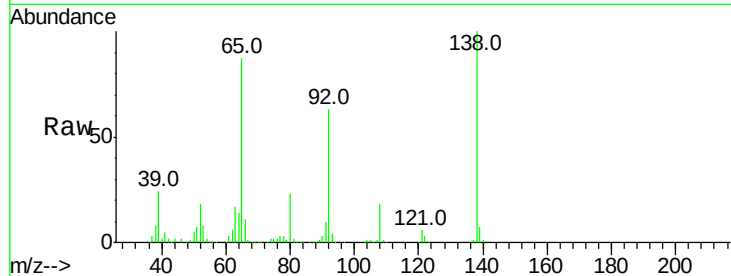
ClientSampleId :

PB102454BS

Tot Ion:	65	Resp:	246499
Ion	Ratio	Lower	Upper
65	100		
92	71.8	55.8	83.6
138	114.8	91.2	136.8

Manual Integrations
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#48

Acenaphthylene

Concen: 39.379 ng

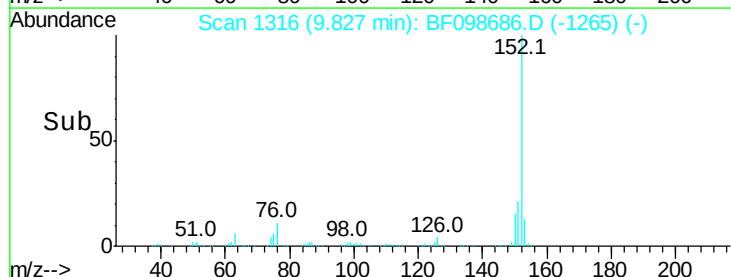
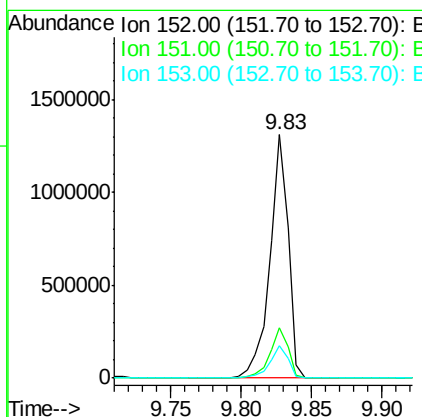
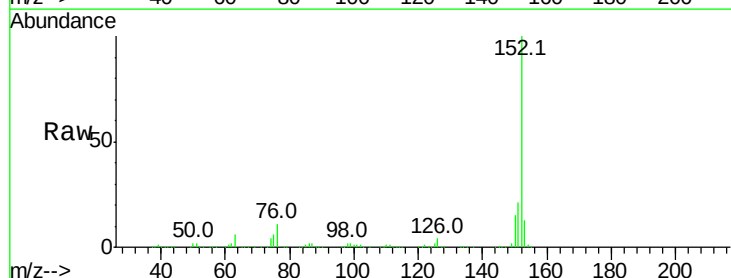
RT: 9.83 min Scan# 1316

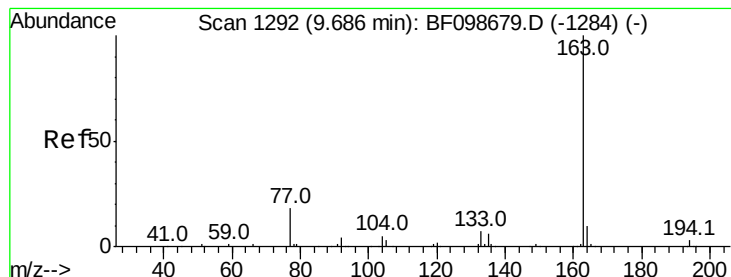
Delta R.T. -0.00 min

Lab File: BF098686.D

Acq: 22 Sep 2017 8:52

Tgt Ion:	152	Resp:	1199305
Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.3	24.5
153	13.3	10.7	16.1





#49

Dimethylphthalate

Concen: 39.420 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.00 min

Lab File: BF098686.D

Acq: 22 Sep 2017 8:52

Instrument :

BNA_F

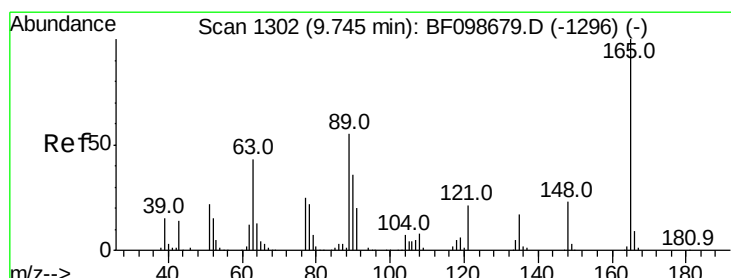
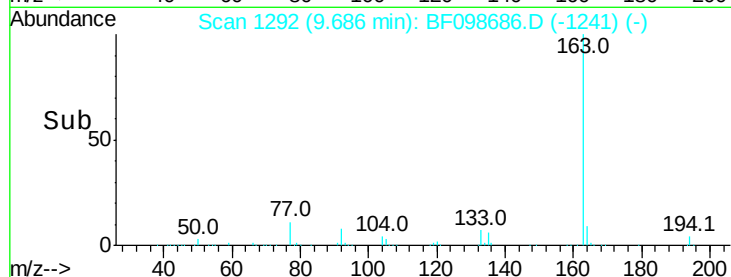
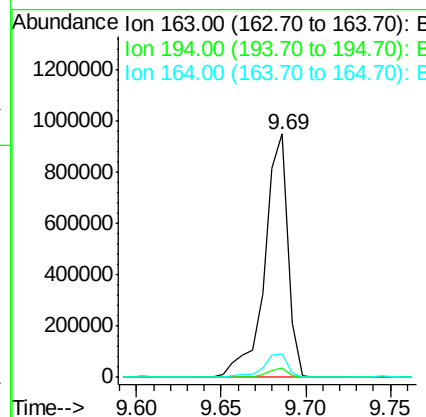
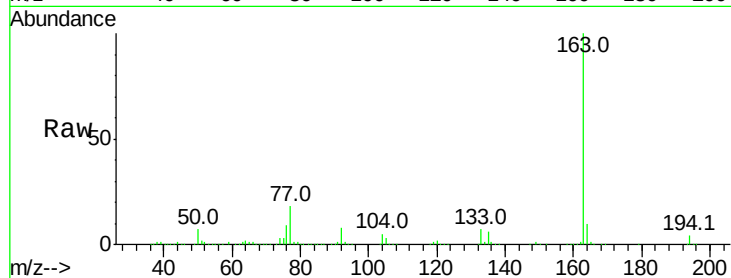
ClientSampleId :

PB102454BS

Tot Ion:	163	Resp:	908621
Ion Ratio	Lower	Upper	
163	100		
194	3.7	2.7	4.1
164	9.8	8.2	12.2

Manual Integrations
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#50

2,6-Dinitrotoluene

Concen: 44.532 ng

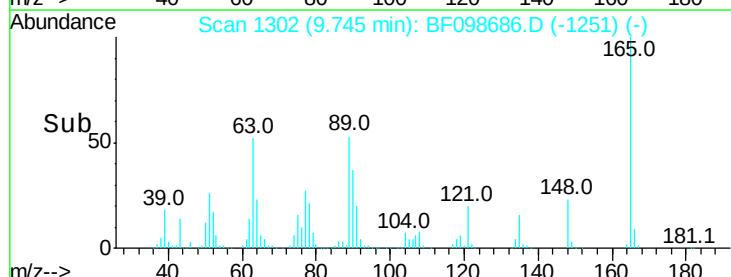
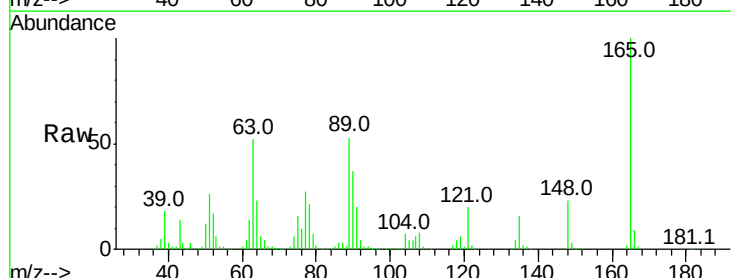
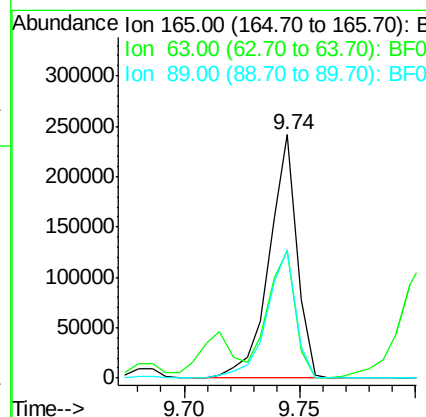
RT: 9.74 min Scan# 1302

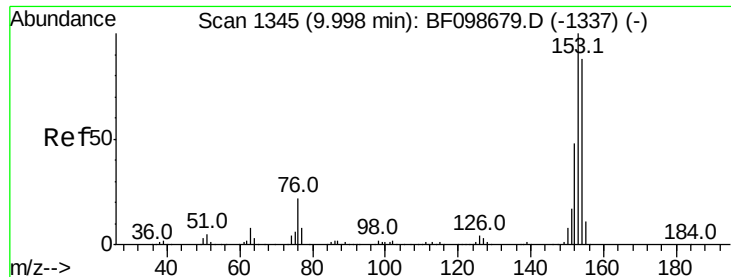
Delta R.T. -0.00 min

Lab File: BF098686.D

Acq: 22 Sep 2017 8:52

Tgt Ion:	165	Resp:	202547
Ion Ratio	Lower	Upper	
165	100		
63	52.4	44.7	67.1
89	52.5	44.0	66.0





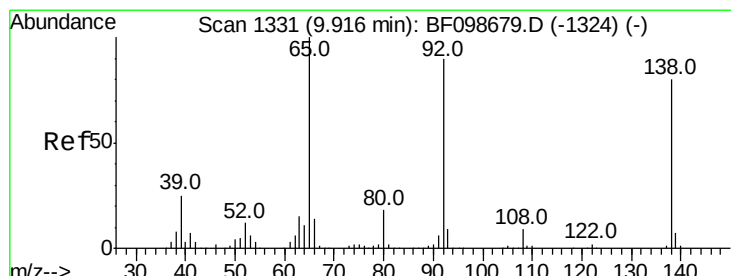
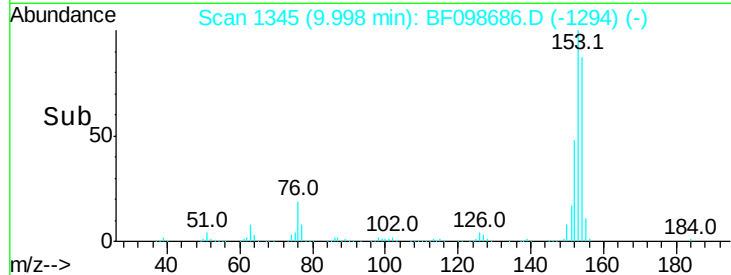
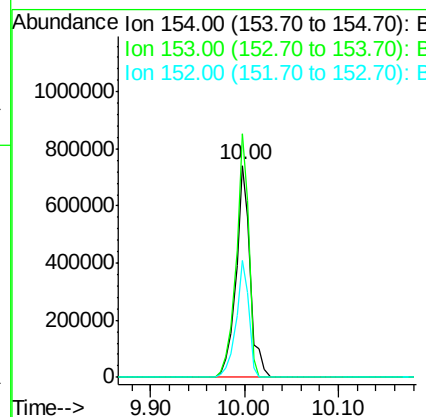
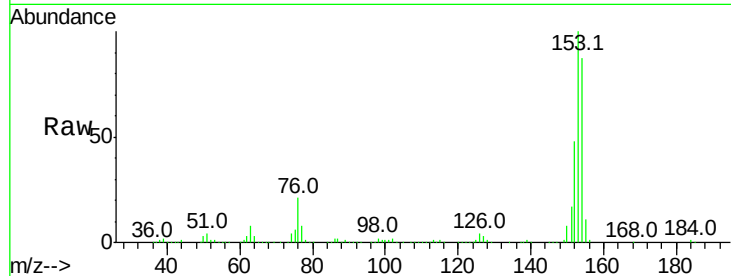
#51
Acenaphthene
Concen: 40.787 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF098686.D
Acq: 22 Sep 2017 8:52

Instrument :
BNA_F
ClientSampleId :
PB102454BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	115.0	91.2	136.8
152	54.9	43.8	65.8

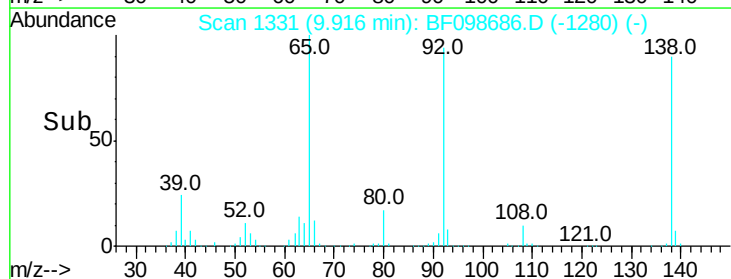
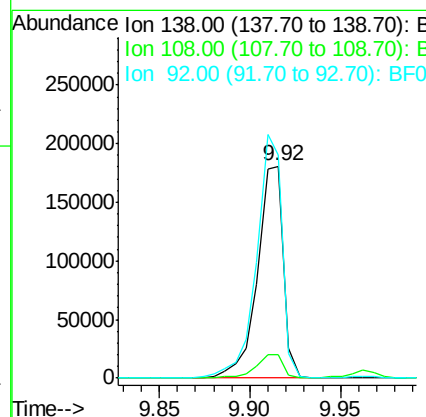
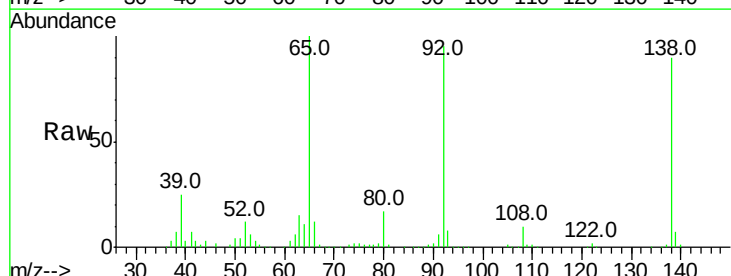
Manual Integrations
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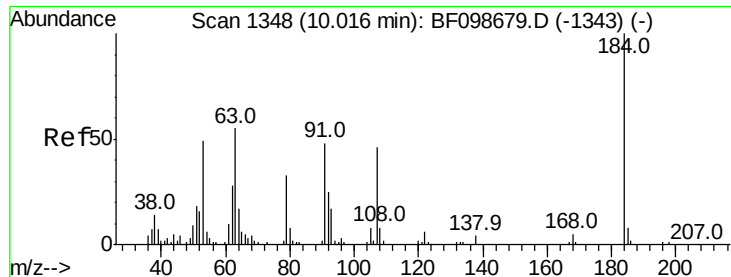
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#52
3-Nitroaniline
Concen: 33.320 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF098686.D
Acq: 22 Sep 2017 8:52

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.0	9.4	14.0
92	105.5	89.4	134.2





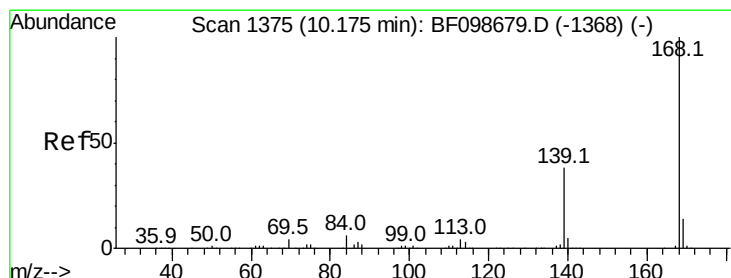
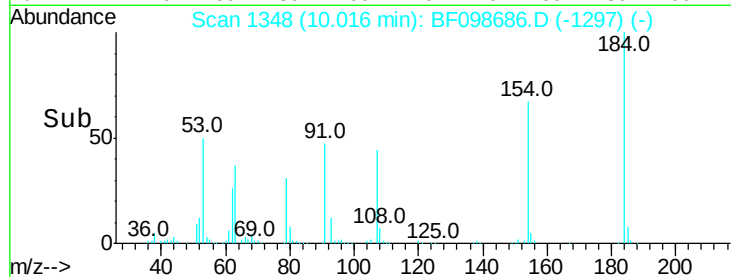
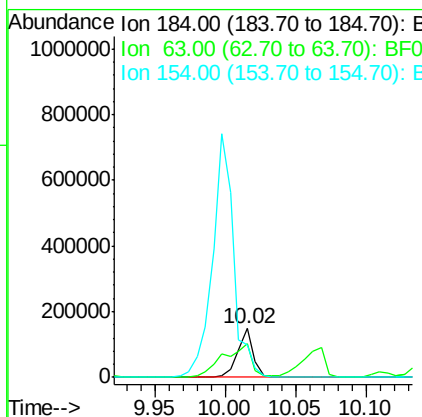
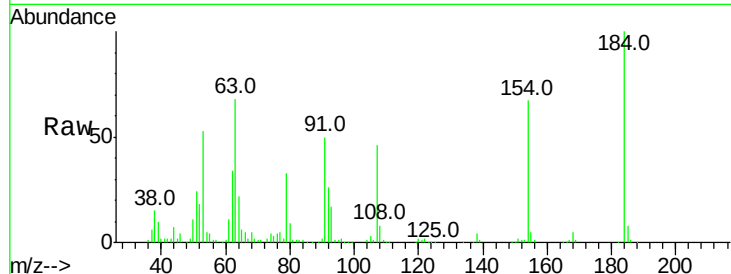
#53
2,4-Dinitrophenol
Concen: 63.128 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BF098686.D
Acq: 22 Sep 2017 8:52

Instrument :
BNA_F
ClientSampled :
PB102454BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	68.1	54.2	81.2	
154	66.9	53.5	80.3	

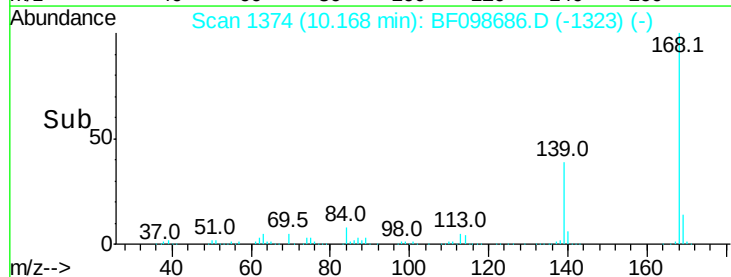
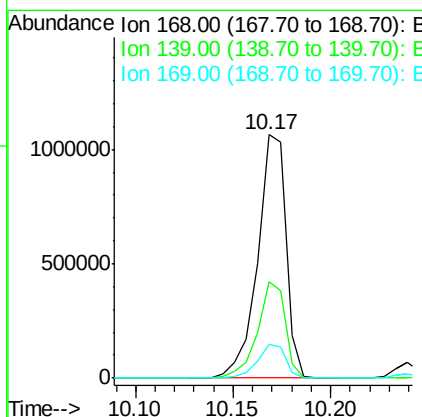
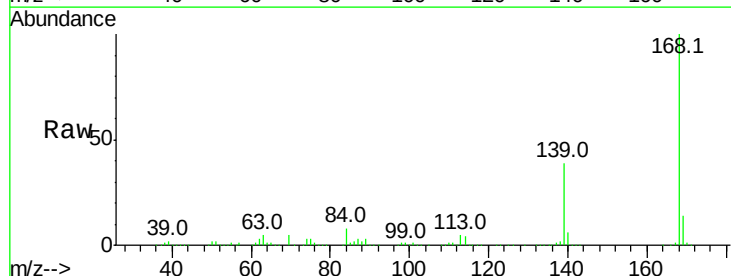
Manual Integrations
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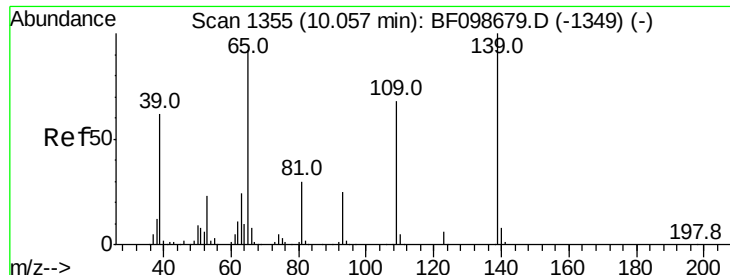
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#54
Dibenzofuran
Concen: 41.659 ng
RT: 10.17 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BF098686.D
Acq: 22 Sep 2017 8:52

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.5	30.1	45.1	
169	14.0	10.9	16.3	





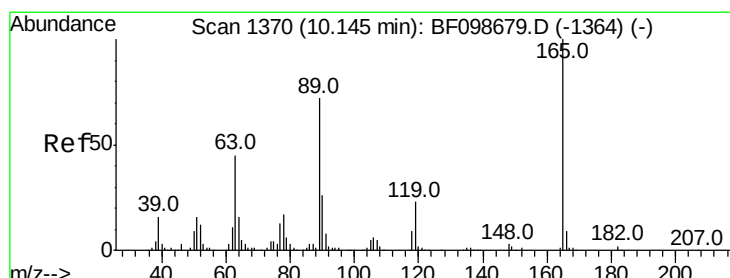
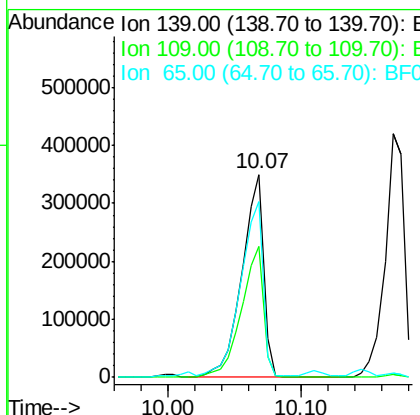
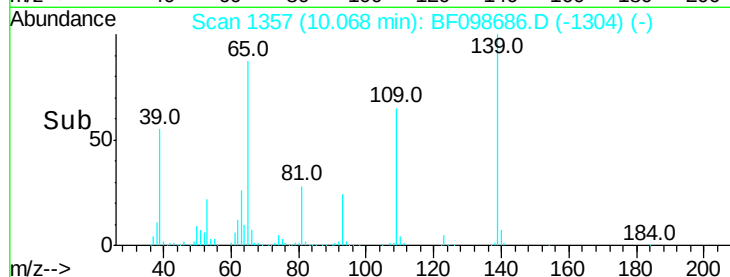
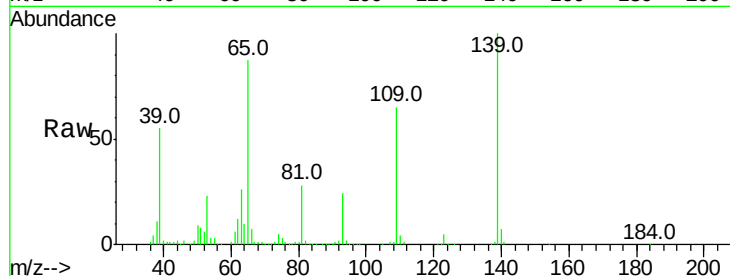
#55
4-Nitrophenol
Concen: 83.161 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF098686.D
Acq: 22 Sep 2017 8:52

Instrument :
BNA_F
ClientSampleId :
PB102454BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	392375		
109	64.7	48.4	88.4	
65	86.9	72.6	112.6	

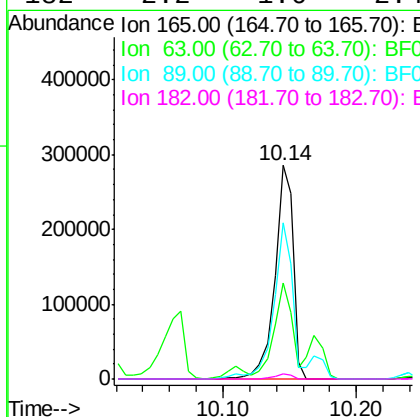
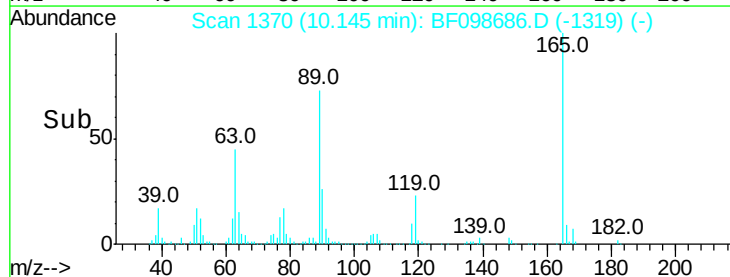
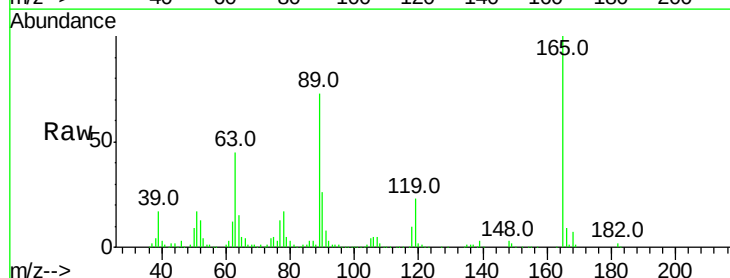
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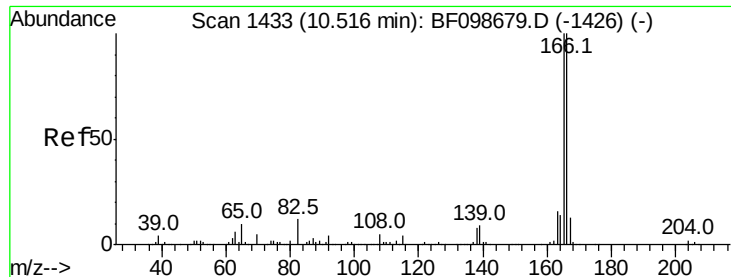
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#56
2,4-Dinitrotoluene
Concen: 44.936 ng
RT: 10.14 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BF098686.D
Acq: 22 Sep 2017 8:52

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	274572		
63	45.1	36.4	54.6	
89	73.2	57.8	86.6	
182	2.2	1.6	2.4	





#57

Fluorene

Concen: 39.508 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BF098686.D

Acq: 22 Sep 2017 8:52

Instrument :

BNA_F

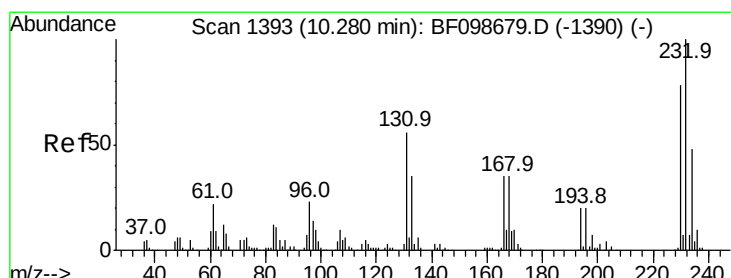
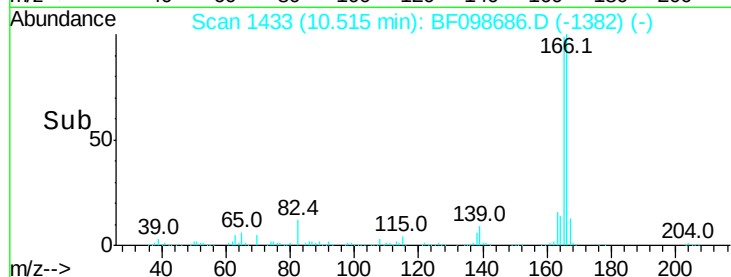
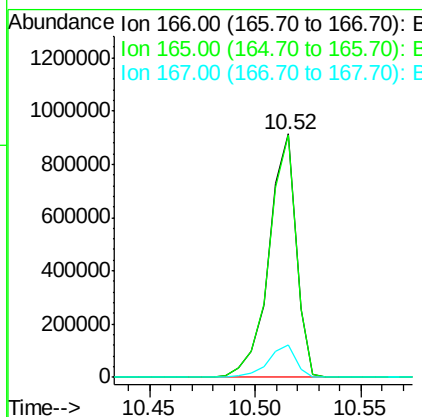
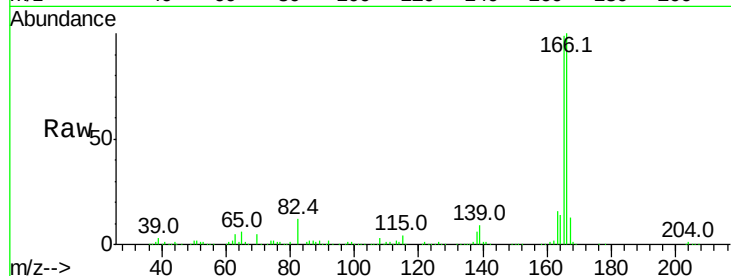
ClientSampleId :

PB102454BS

Tot Ion:	166	Resp:	819706
Ion Ratio	Lower	Upper	
166	100		
165	99.5	79.8	119.8
167	13.3	10.6	16.0

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 46.547 ng

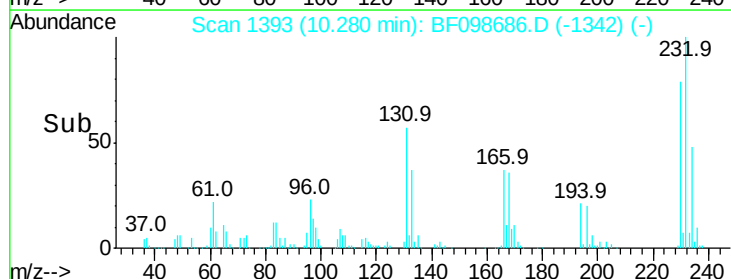
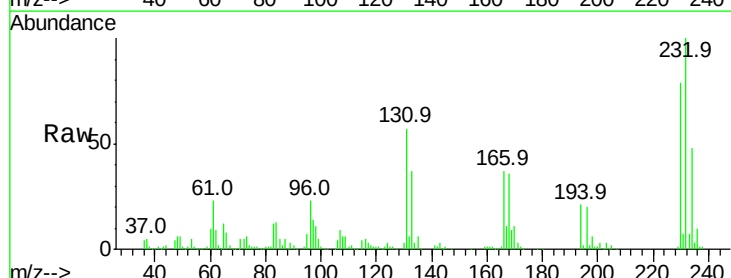
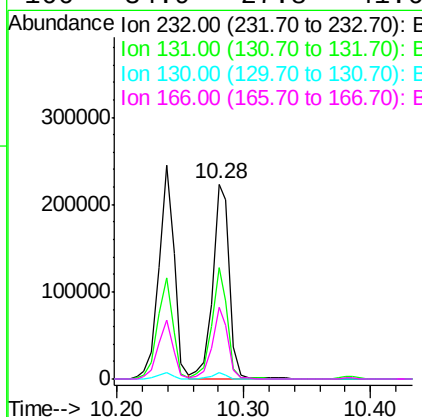
RT: 10.28 min Scan# 1393

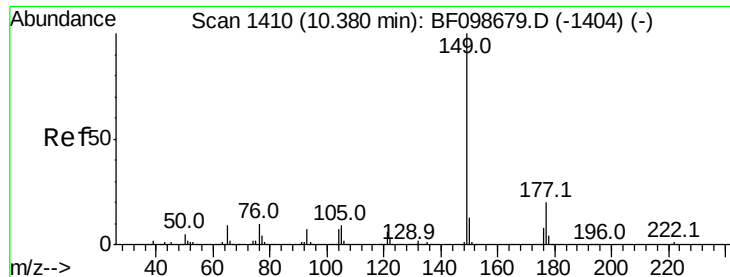
Delta R.T. -0.00 min

Lab File: BF098686.D

Acq: 22 Sep 2017 8:52

Tgt Ion:	232	Resp:	208026
Ion Ratio	Lower	Upper	
232	100		
131	53.8	43.8	65.8
130	2.7	2.1	3.1
166	34.9	27.8	41.6





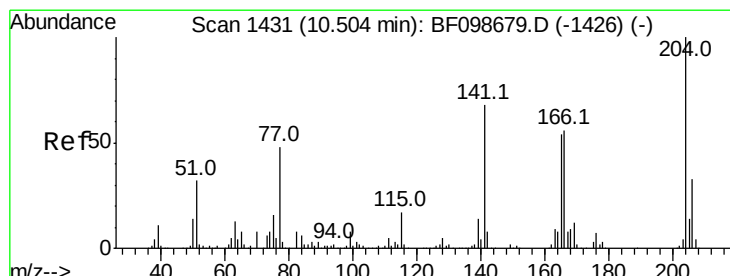
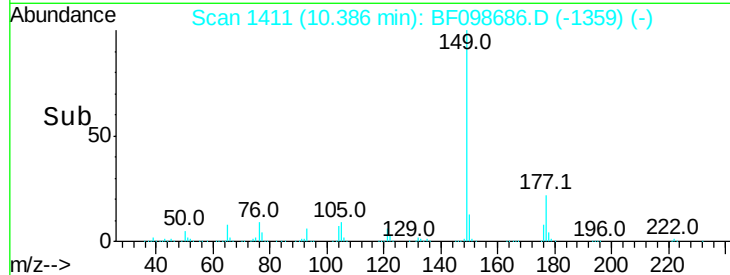
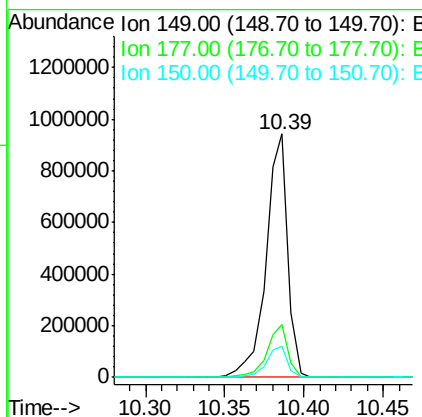
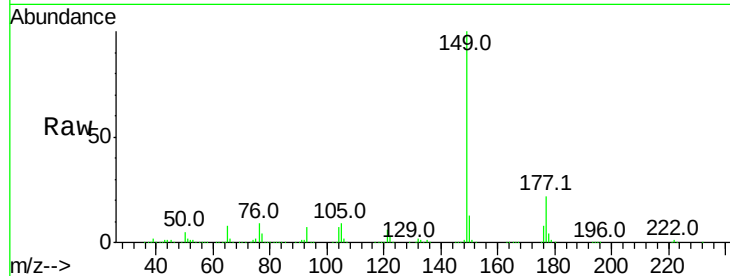
#59
Diethylphthalate
Concen: 39.850 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.01 min
Lab File: BF098686.D
Acq: 22 Sep 2017 8:52

Instrument :
BNA_F
ClientSampleId :
PB102454BS

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	21.6	16.1	24.1
150	12.6	10.1	15.1

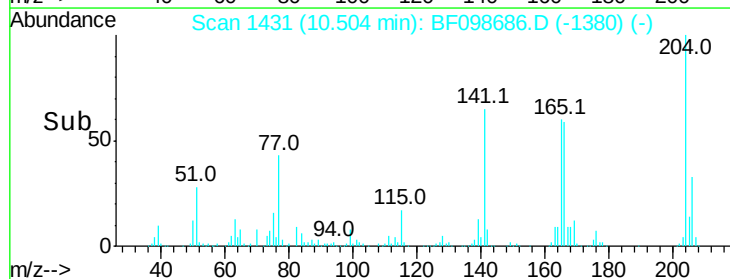
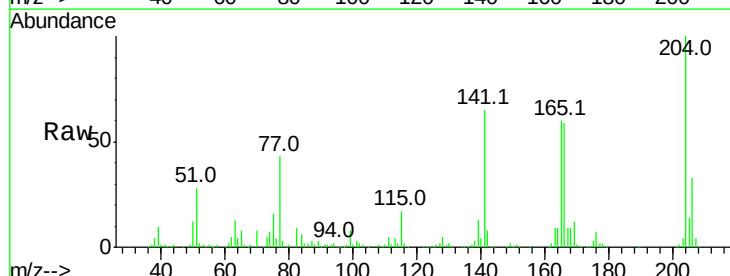
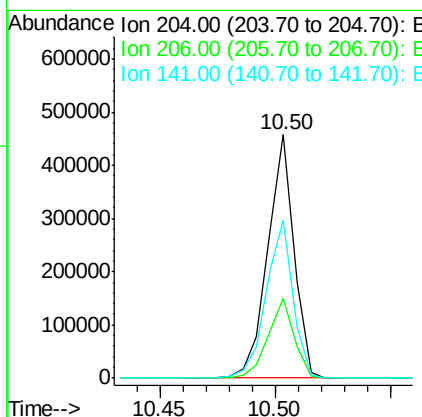
Manual Integrations
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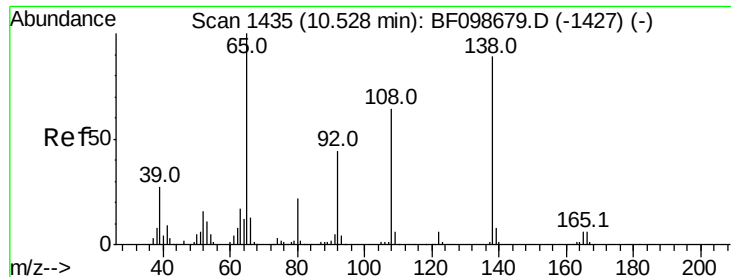
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 39.956 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BF098686.D
Acq: 22 Sep 2017 8:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	32.7	26.5	39.7
141	65.0	54.6	81.8





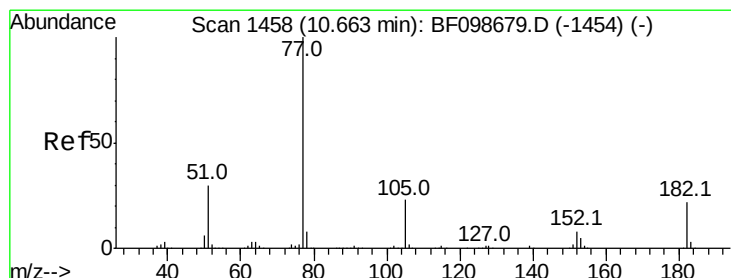
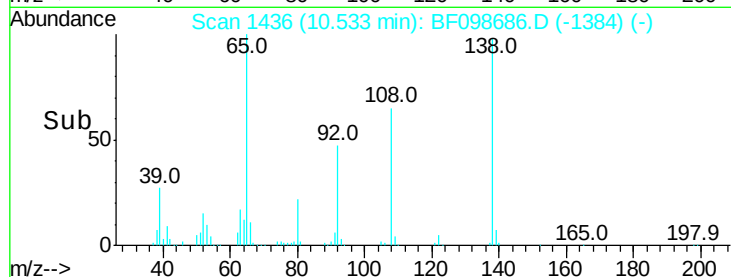
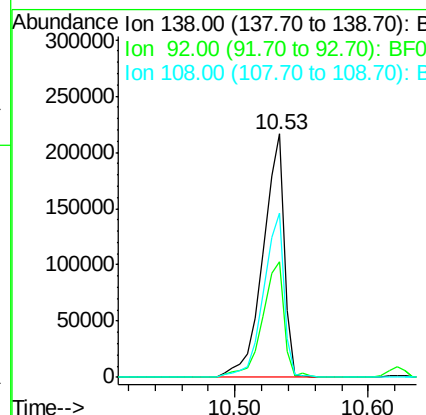
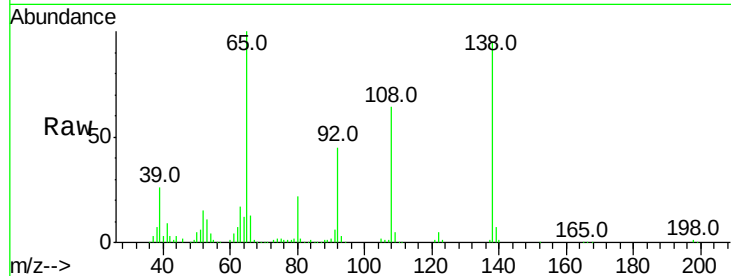
#61
4-Nitroaniline
Concen: 45.303 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.01 min
Lab File: BF098686.D
Acq: 22 Sep 2017 8:52

Instrument :
BNA_F
ClientSampleId :
PB102454BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	235585		
92	47.7	30.2	70.2	
108	67.2	52.5	92.5	

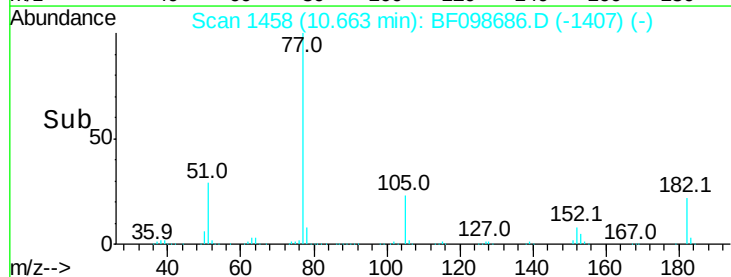
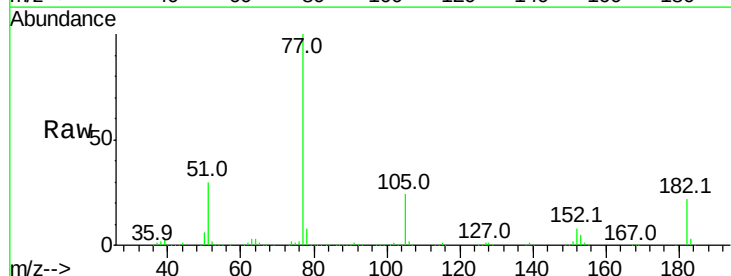
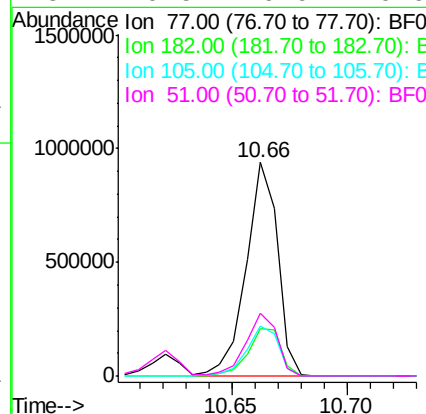
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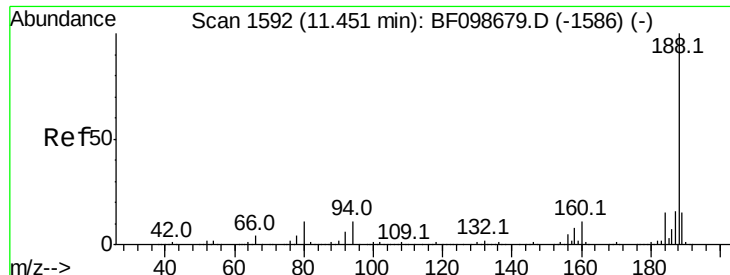
Sohil
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#62
Azobenzene
Concen: 42.464 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.00 min
Lab File: BF098686.D
Acq: 22 Sep 2017 8:52

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	897077		
182	22.3	1.7	41.7	
105	23.5	3.0	43.0	
51	29.5	9.9	49.9	





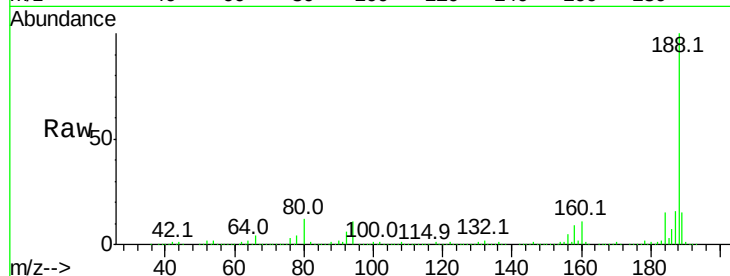
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BF098686.D
Acq: 22 Sep 2017 8:52

Instrument :
BNA_F
ClientSampleId :
PB102454BS

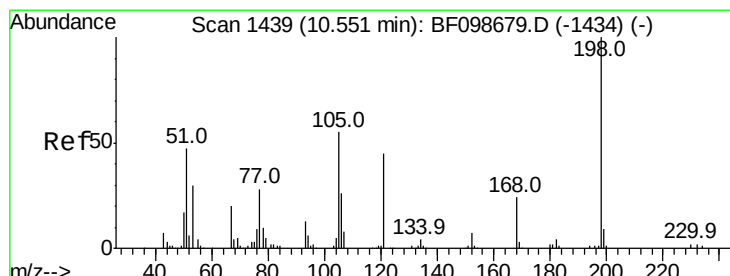
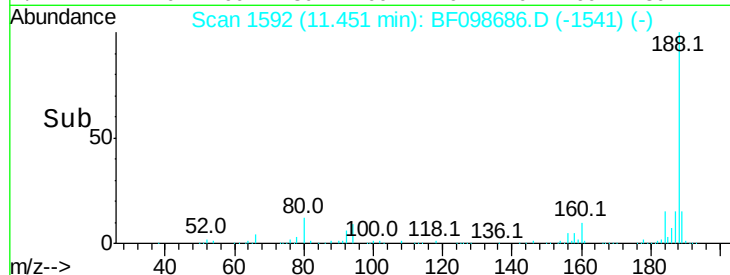
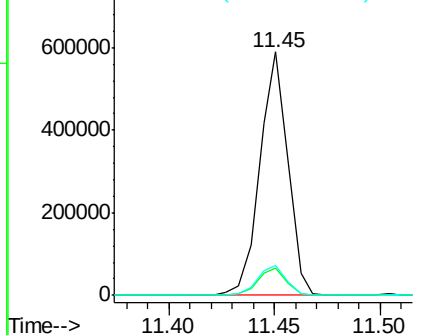
Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	11.0	8.5	12.7
80	12.2	9.2	13.8

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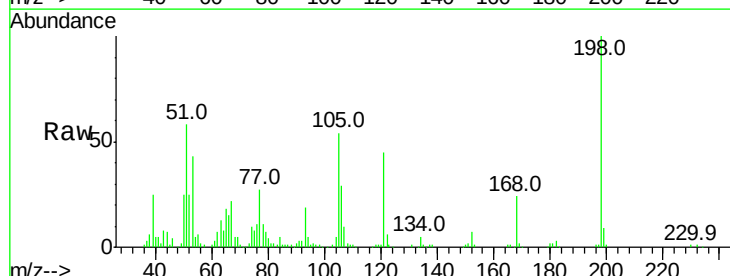


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

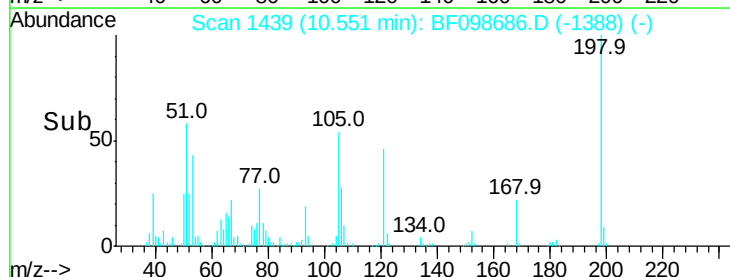
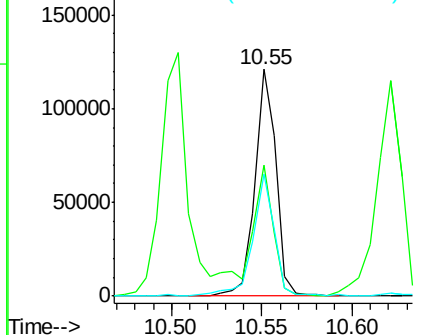


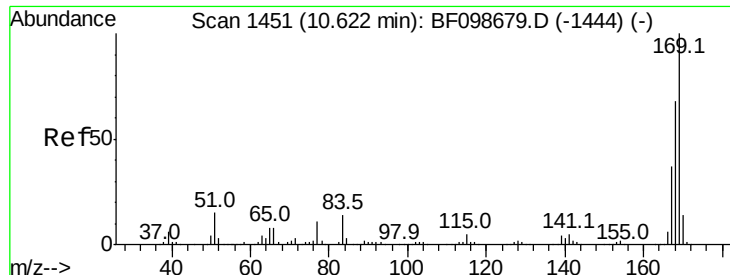
#64
4,6-Dinitro-2-methylphenol
Concen: 38.260 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF098686.D
Acq: 22 Sep 2017 8:52

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	58.0	37.7	77.7
105	53.8	36.3	76.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





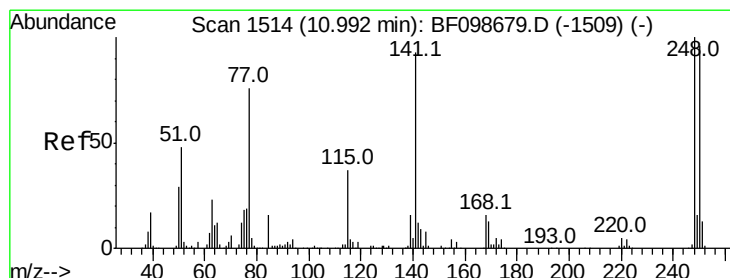
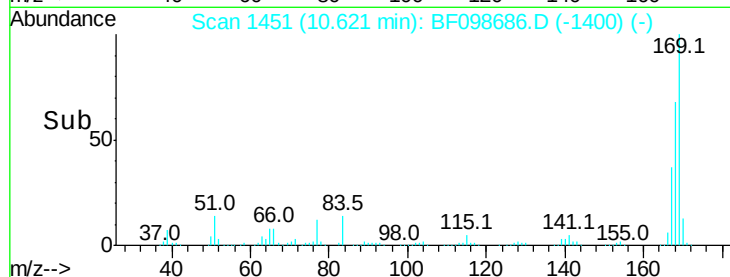
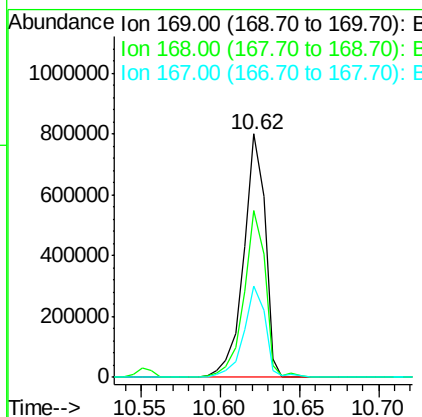
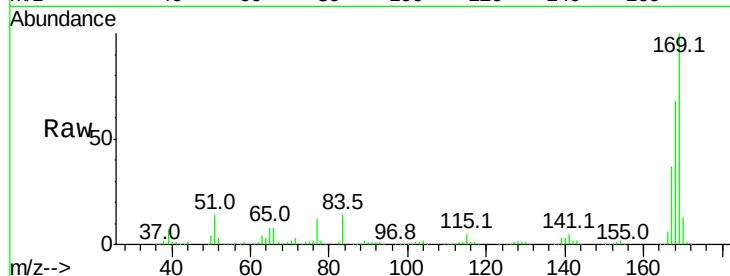
#65
n-Nitrosodiphenylamine
Concen: 40.110 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BF098686.D
Acq: 22 Sep 2017 8:52

Instrument :
BNA_F
ClientSampleId :
PB102454BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	68.3	54.4	81.6	
167	37.5	29.8	44.6	

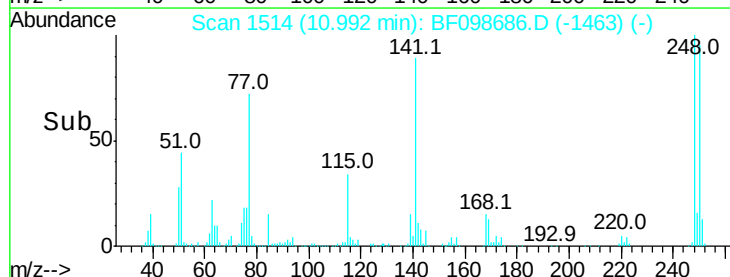
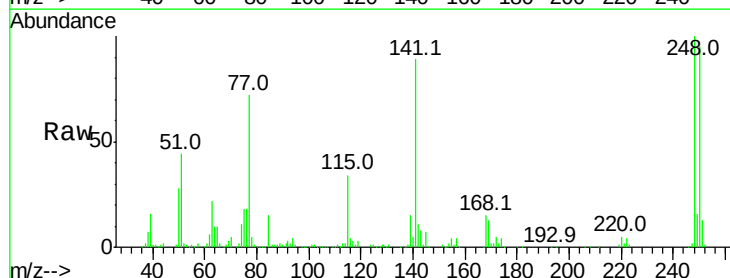
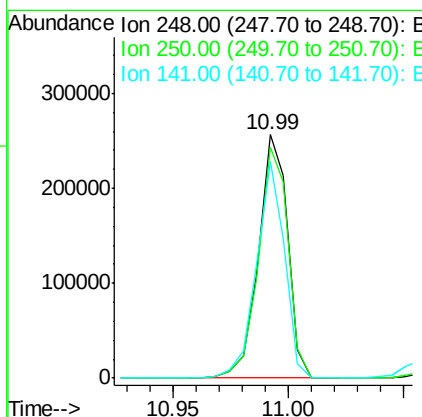
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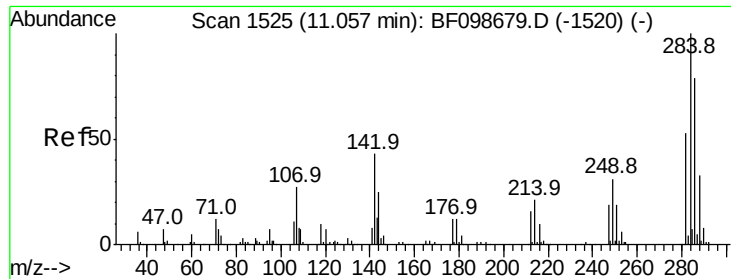
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#66
4-Bromophenyl-phenylether
Concen: 41.369 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF098686.D
Acq: 22 Sep 2017 8:52

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	95.0	76.9	115.3	
141	89.0	74.4	111.6	





#67

Hexachlorobenzene

Concen: 38.348 ng

RT: 11.06 min Scan# 1525

Delta R.T. -0.00 min

Lab File: BF098686.D

Acq: 22 Sep 2017 8:52

Instrument :

BNA_F

ClientSampleId :

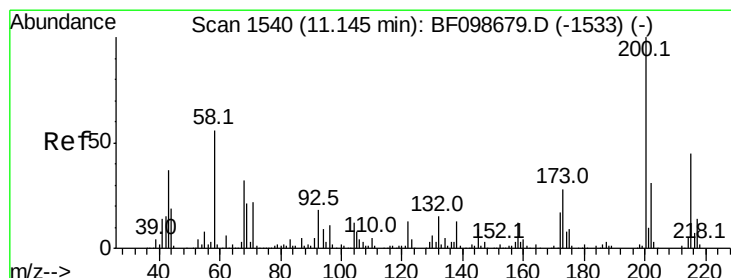
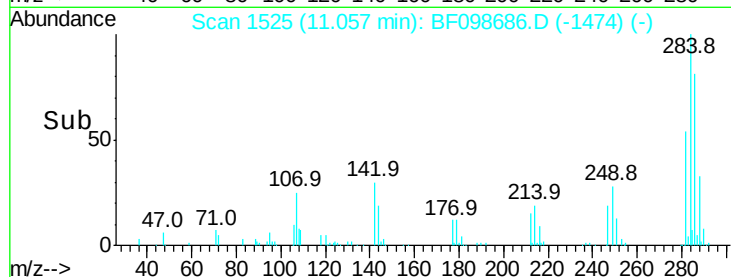
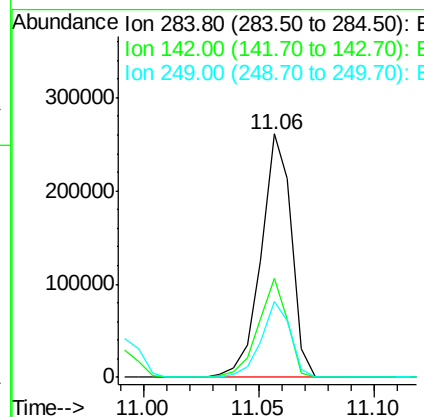
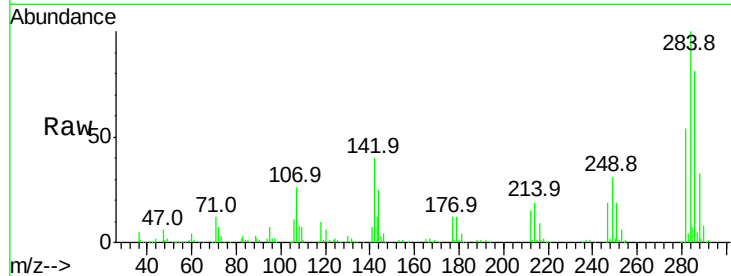
PB102454BS

Tot Ion:	284	Resp:	238932
Ion Ratio		Lower	Upper
284	100		
142	40.5	34.6	52.0
249	30.9	24.8	37.2

Manual Integrations
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#68

Atrazine

Concen: 41.696 ng

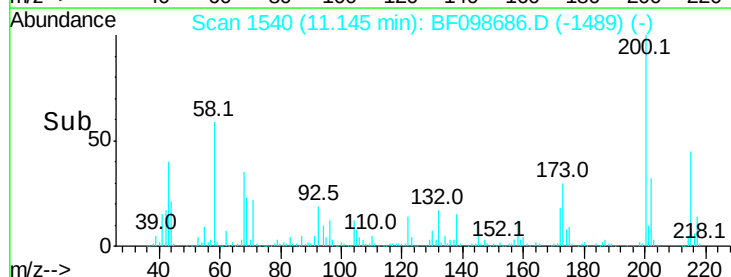
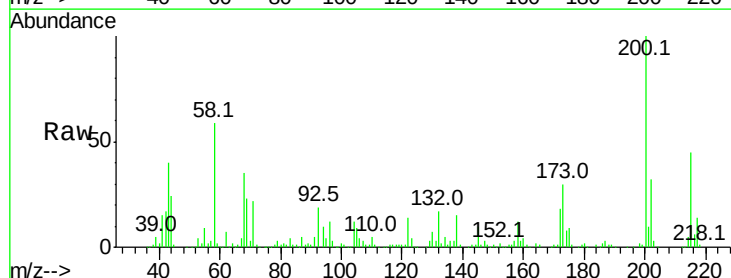
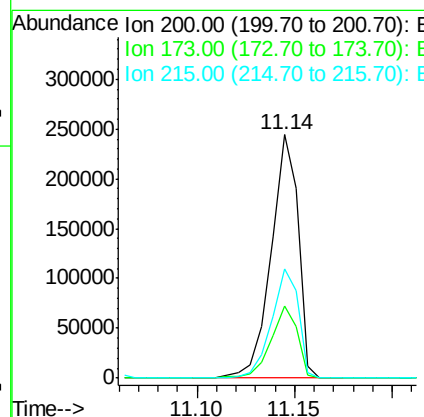
RT: 11.14 min Scan# 1540

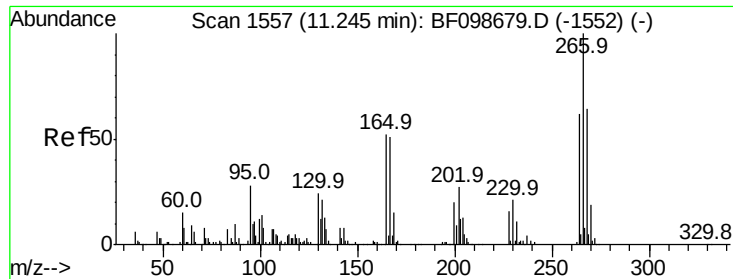
Delta R.T. -0.00 min

Lab File: BF098686.D

Acq: 22 Sep 2017 8:52

Tgt Ion:	200	Resp:	233788
Ion Ratio		Lower	Upper
200	100		
173	29.5	8.6	48.6
215	45.0	25.1	65.1





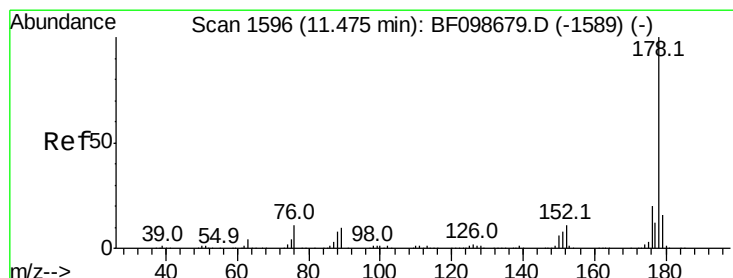
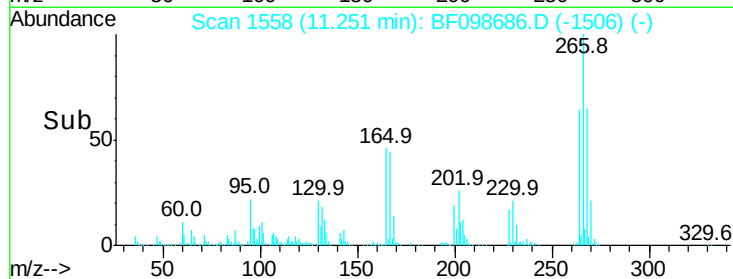
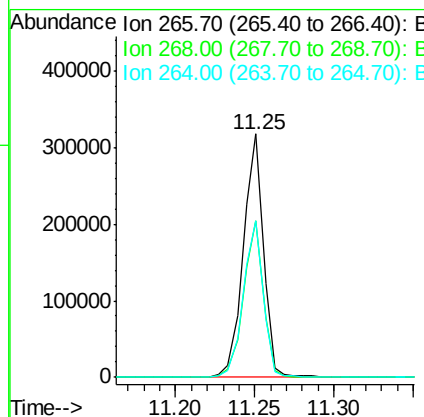
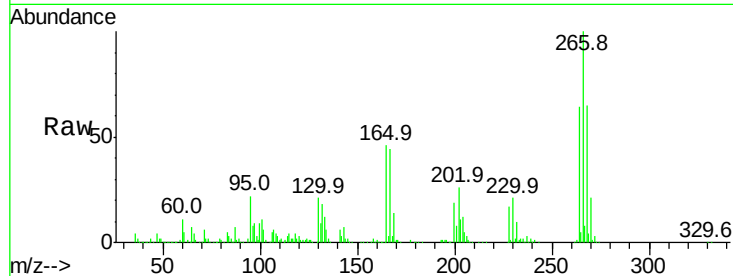
#69
 Pentachlorophenol
 Concen: 78.606 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. 0.01 min
 Lab File: BF098686.D
 Acq: 22 Sep 2017 8:52

Instrument :
 BNA_F
 ClientSampleId :
 PB102454BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	279932		
268	64.6	51.1	76.7	
264	64.4	49.5	74.3	

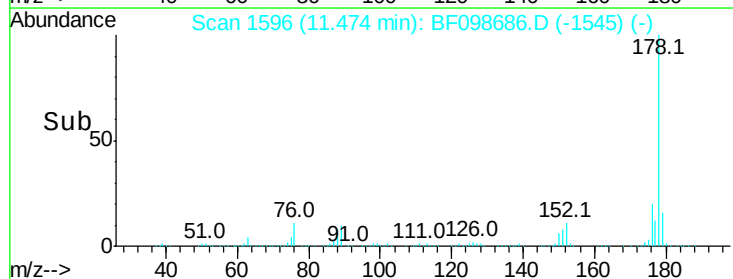
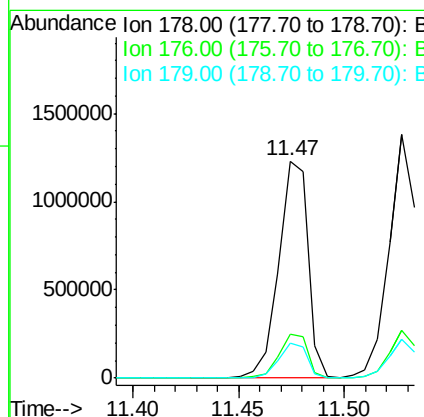
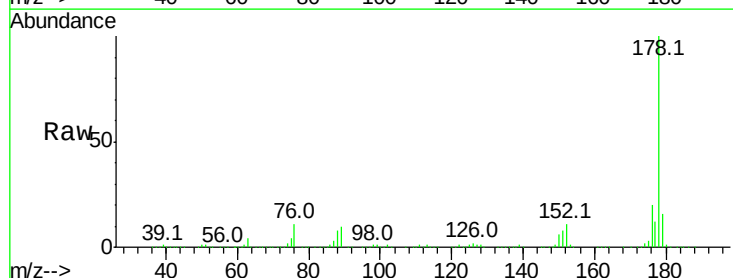
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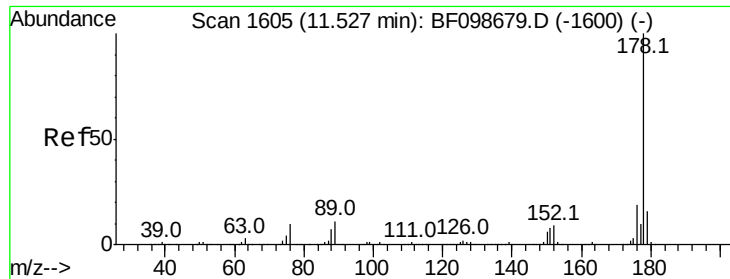
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#70
 Phenanthrene
 Concen: 40.648 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BF098686.D
 Acq: 22 Sep 2017 8:52

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1194105		
176	20.0	15.8	23.8	
179	16.1	13.0	19.6	





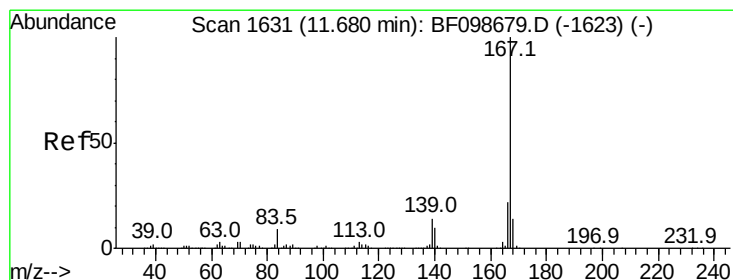
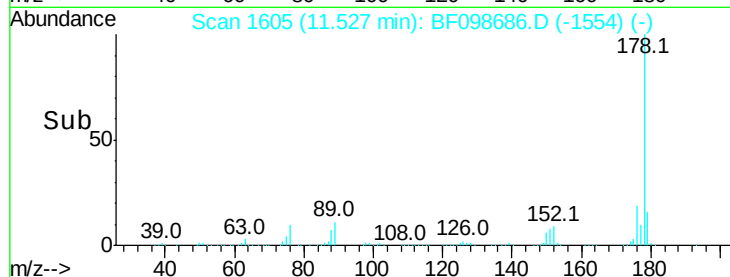
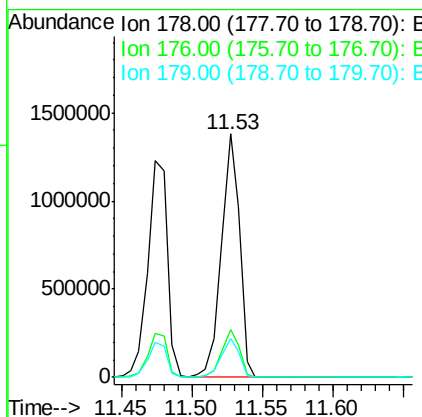
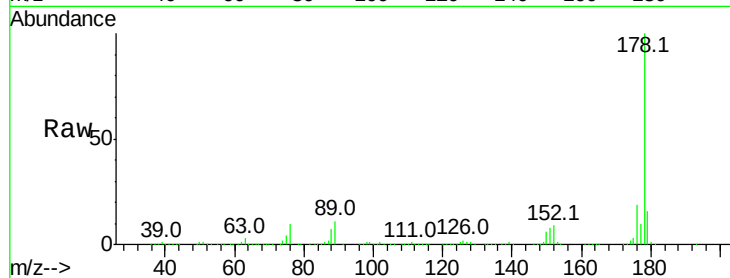
#71
 Anthracene
 Concen: 41.247 ng
 RT: 11.53 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BF098686.D
 Acq: 22 Sep 2017 8:52

Instrument :
 BNA_F
 ClientSampleId :
 PB102454BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	16.0	12.6	19.0

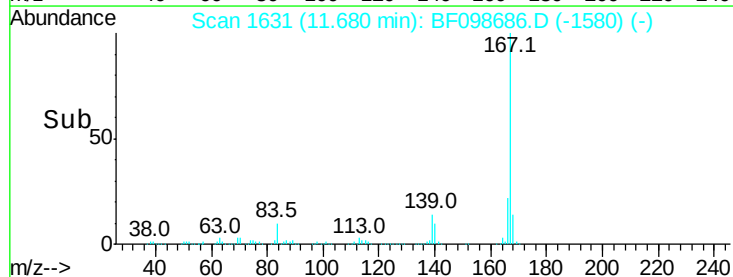
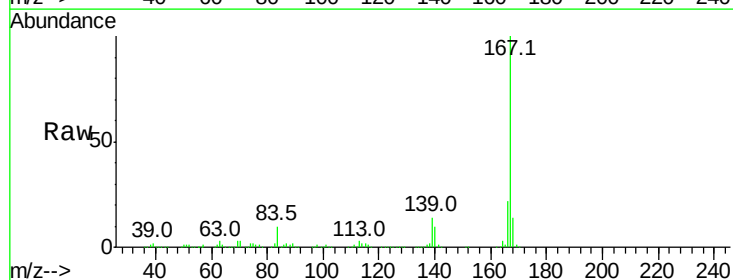
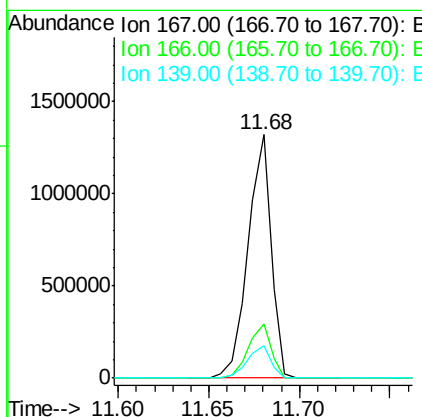
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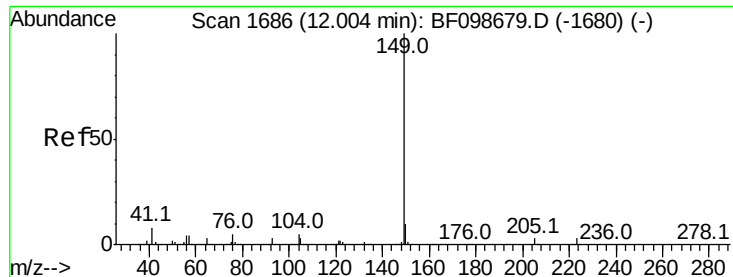
Sohil
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#72
 Carbazole
 Concen: 40.094 ng
 RT: 11.68 min Scan# 1631
 Delta R.T. -0.00 min
 Lab File: BF098686.D
 Acq: 22 Sep 2017 8:52

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	13.6	10.9	16.3





#73

Di-n-butylphthalate

Concen: 41.886 ng

RT: 12.00 min Scan# 1686

Delta R.T. -0.00 min

Lab File: BF098686.D

Acq: 22 Sep 2017 8:52

Instrument :

BNA_F

ClientSampleId :

PB102454BS

Tot Ion:149 Resp: 1423919

Ion Ratio Lower Upper

149 100

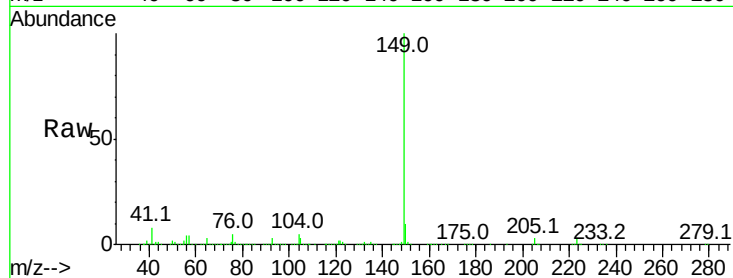
150 9.6 7.8 11.6

104 4.8 3.8 5.8

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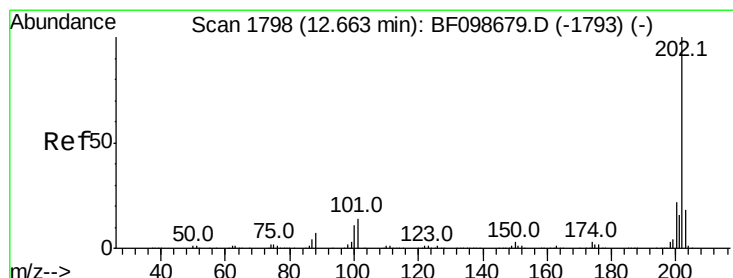
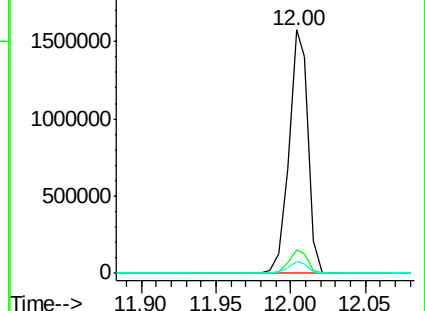
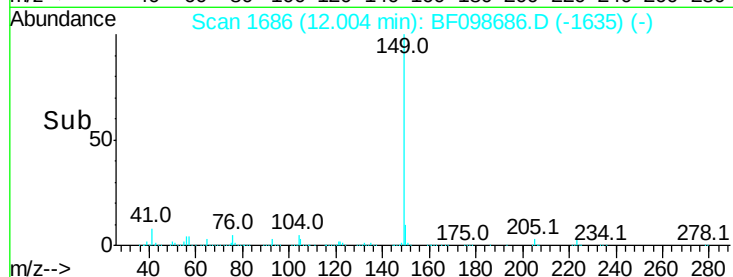
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.583 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.00 min

Lab File: BF098686.D

Acq: 22 Sep 2017 8:52

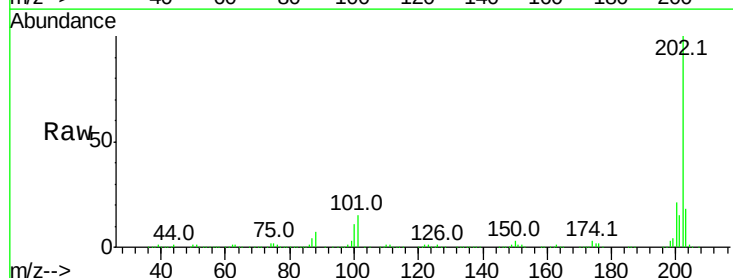
Tgt Ion:202 Resp: 1246664

Ion Ratio Lower Upper

202 100

101 14.6 0.0 34.1

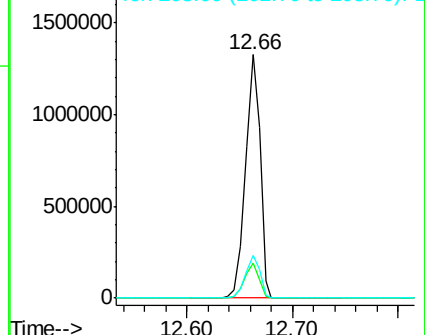
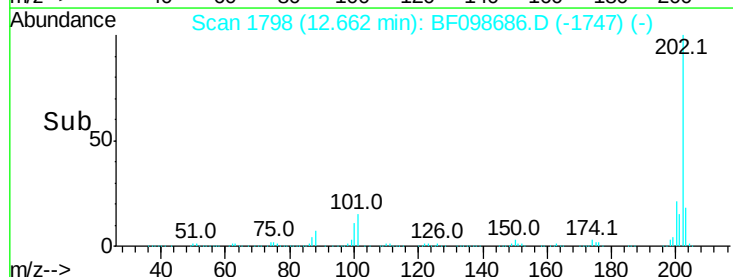
203 17.7 0.0 38.1

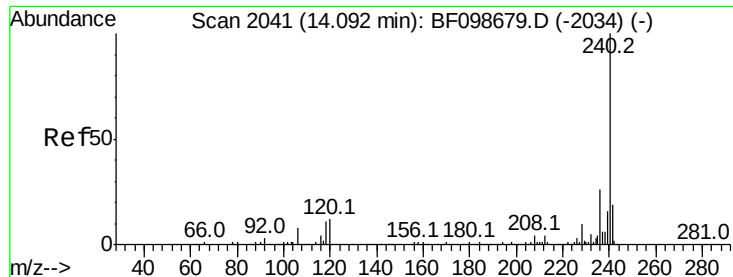


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.09 min Scan# 2041

Delta R.T. 0.01 min

Lab File: BF098686.D

Acq: 22 Sep 2017 8:52

Instrument :

BNA_F

ClientSampleId :

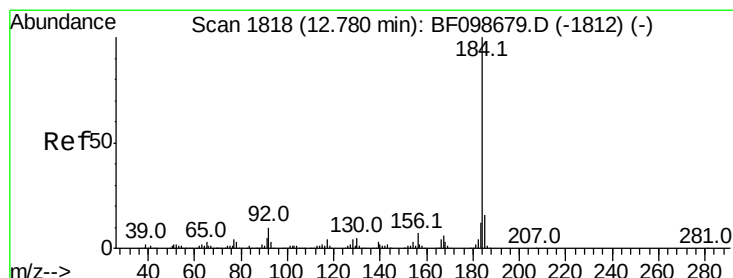
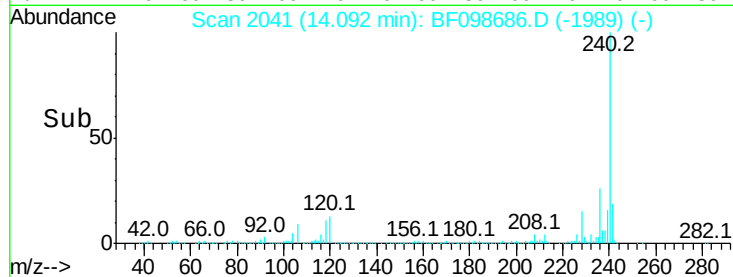
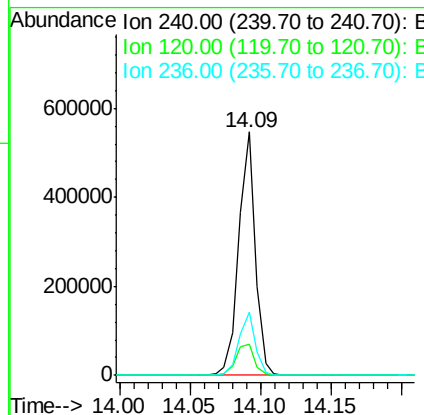
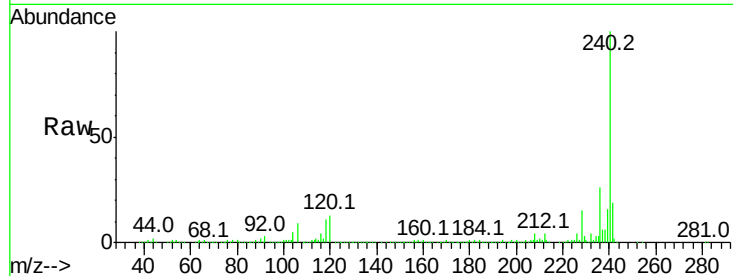
PB102454BS

Tot Ion:	240	Resp:	448400
Ion Ratio	Lower	Upper	
240	100		
120	12.9	9.5	14.3
236	26.0	20.7	31.1

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#76

Benzidine

Concen: 31.764 ng

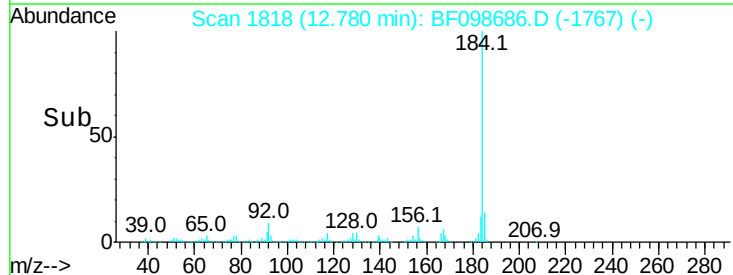
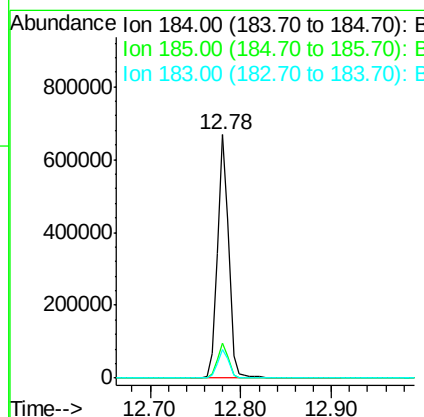
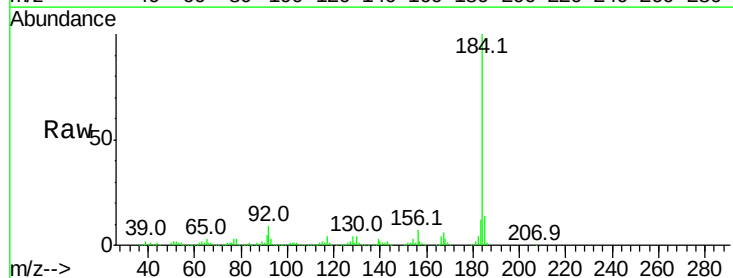
RT: 12.78 min Scan# 1818

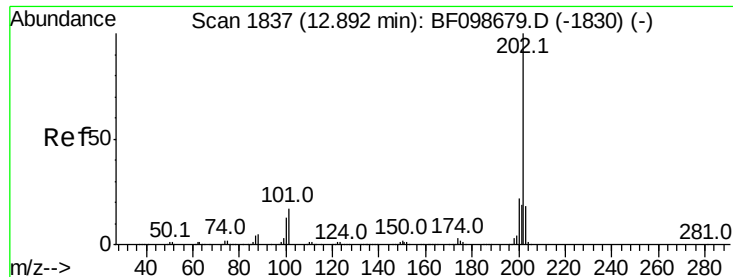
Delta R.T. -0.00 min

Lab File: BF098686.D

Acq: 22 Sep 2017 8:52

Tgt Ion:	184	Resp:	578358
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.6	18.8
183	11.5	9.3	13.9





#77

Pvrene

Concen: 38.627 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.00 min

Lab File: BF098686.D

Acq: 22 Sep 2017 8:52

Instrument :

BNA_F

ClientSampleId :

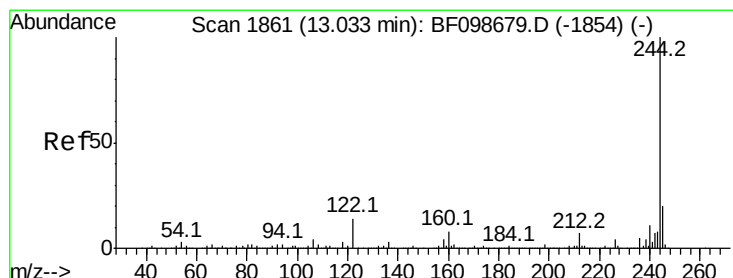
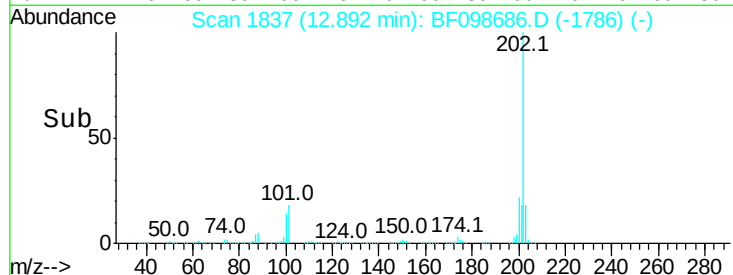
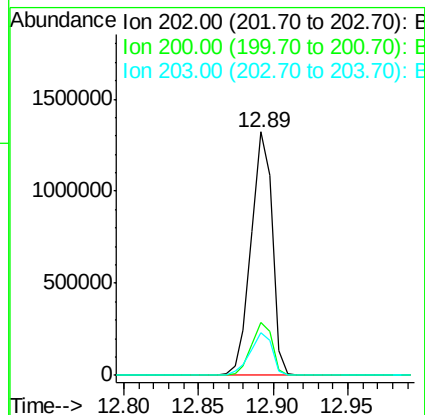
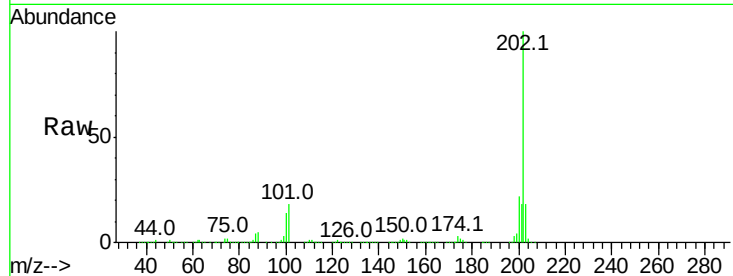
PB102454BS

Tot Ion:	202	Resp:	1285888
Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.4	26.2
203	17.6	14.3	21.5

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#78

Terphenyl-d14

Concen: 77.012 ng

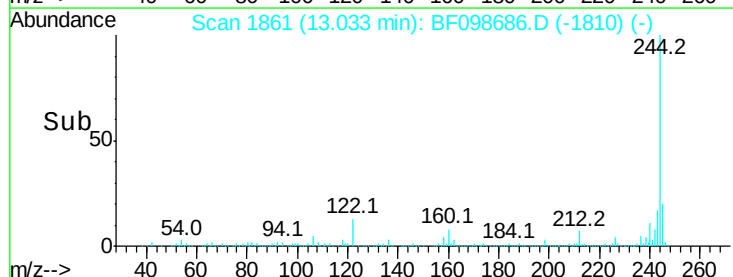
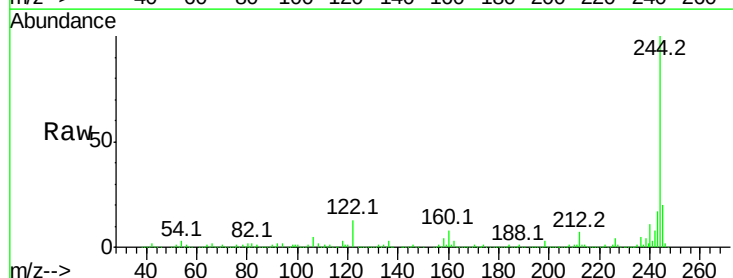
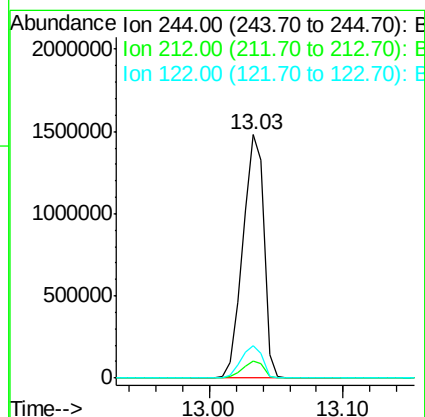
RT: 13.03 min Scan# 1861

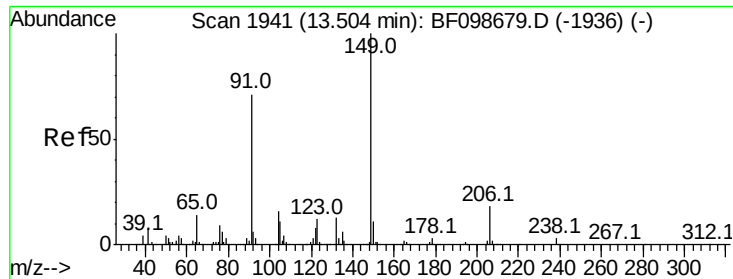
Delta R.T. -0.00 min

Lab File: BF098686.D

Acq: 22 Sep 2017 8:52

Tgt Ion:	244	Resp:	1608221
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.3	11.0	16.4





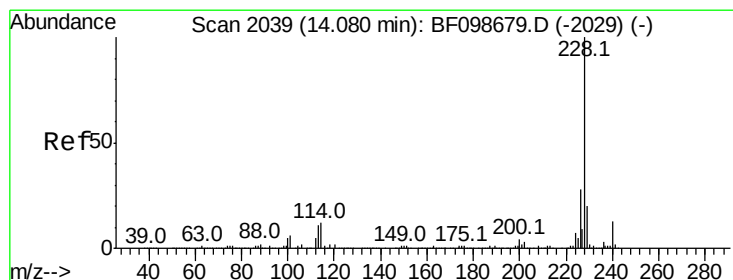
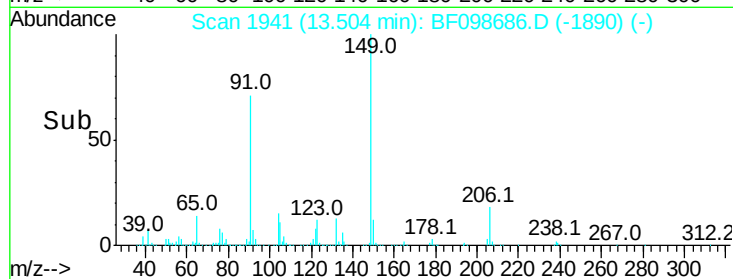
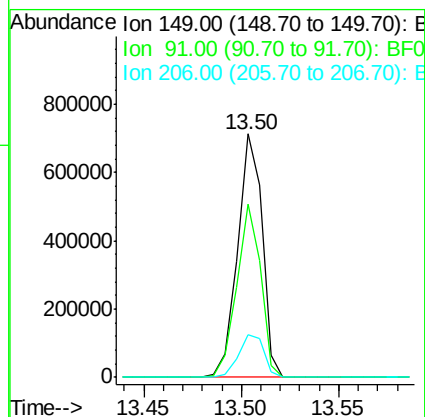
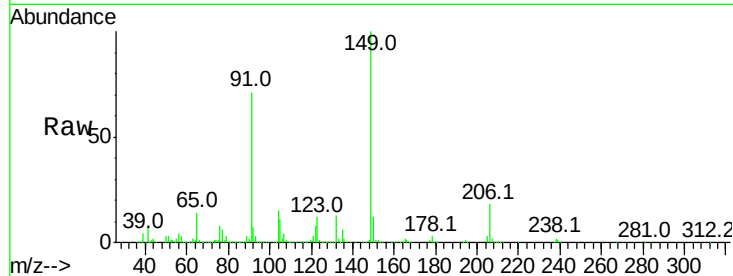
#79
Butylbenzylphthalate
Concen: 45.234 ng
RT: 13.50 min Scan# 1941
Delta R.T. -0.00 min
Lab File: BF098686.D
Acq: 22 Sep 2017 8:52

Instrument :
BNA_F
ClientSampleId :
PB102454BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	622963		
91	71.4	56.8	85.2	
206	17.6	14.1	21.1	

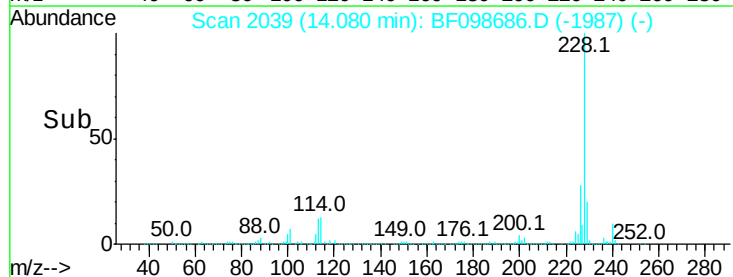
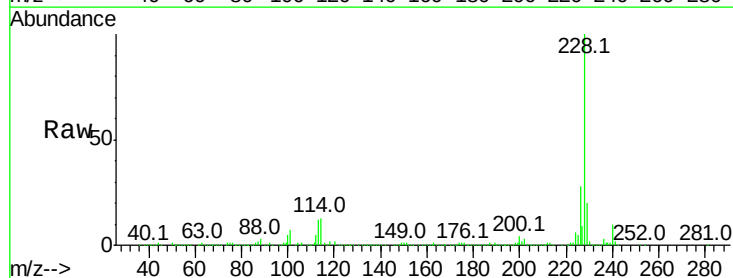
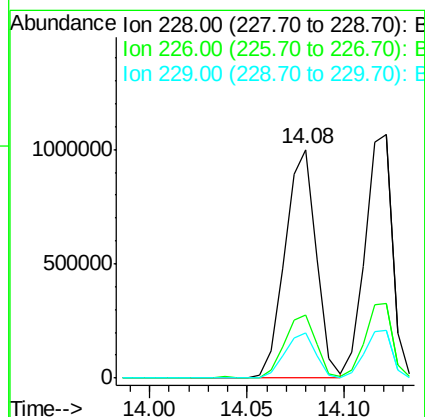
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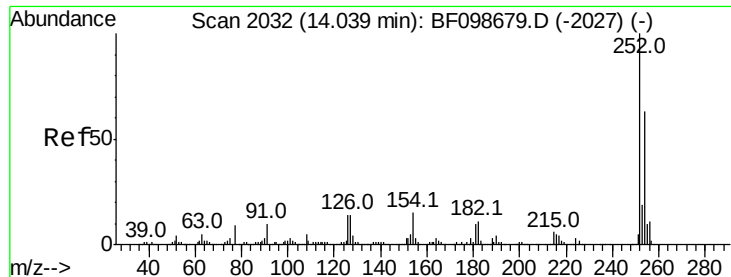
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#80
Benzo(a)anthracene
Concen: 40.924 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.01 min
Lab File: BF098686.D
Acq: 22 Sep 2017 8:52

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1105325		
226	27.8	22.6	33.8	
229	19.8	15.8	23.6	





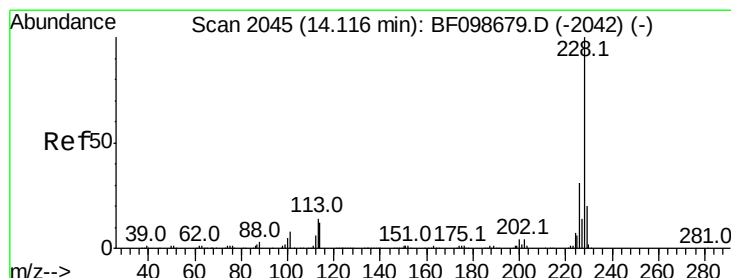
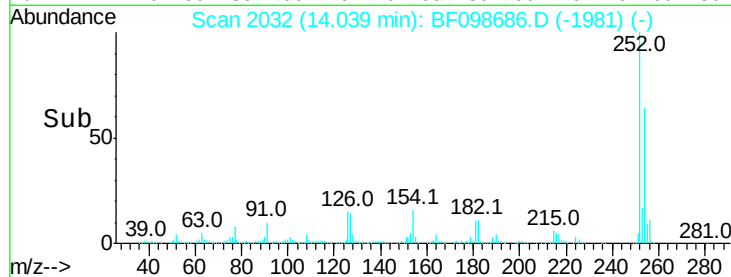
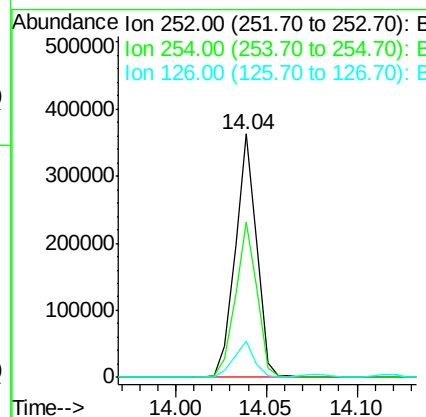
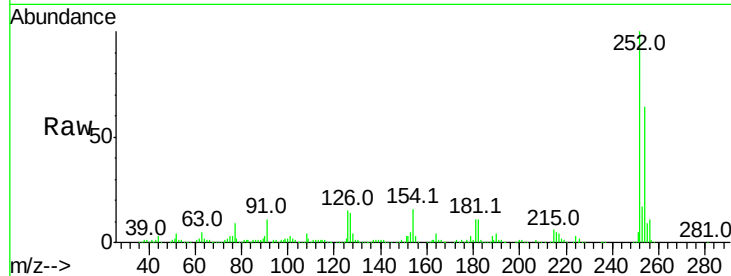
#81
 3,3'-Dichlorobenzidine
 Concen: 30.917 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.00 min
 Lab File: BF098686.D
 Acq: 22 Sep 2017 8:52

Instrument :
 BNA_F
 ClientSampled :
 PB102454BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	297993		
254	63.7	50.4	75.6	
126	14.7	11.3	16.9	

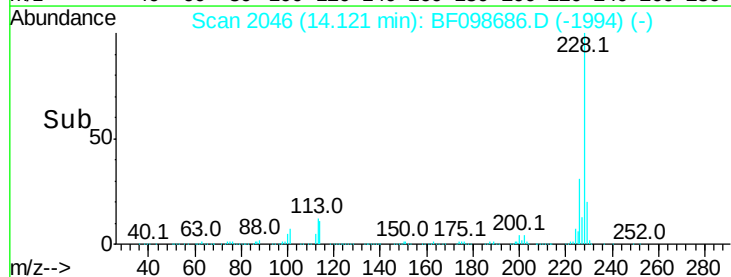
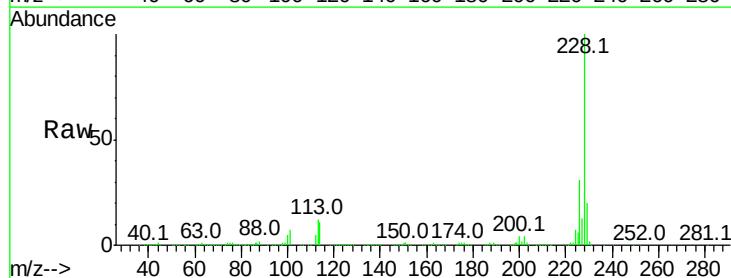
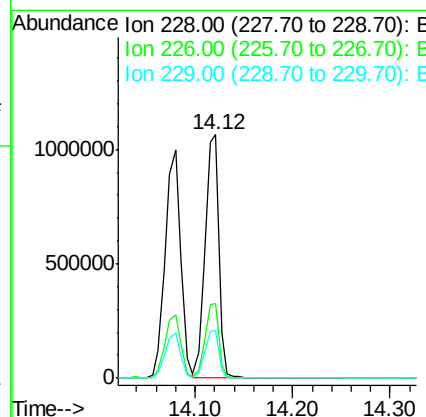
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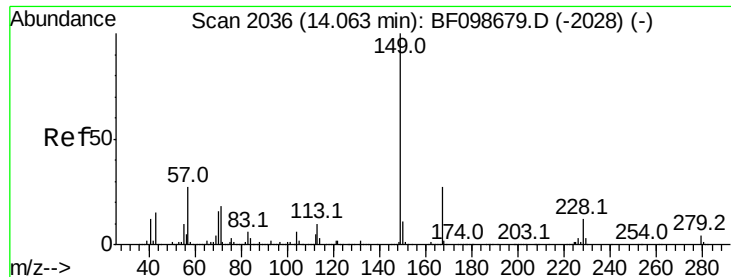
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#82
 Chrysene
 Concen: 39.770 ng
 RT: 14.12 min Scan# 2046
 Delta R.T. 0.01 min
 Lab File: BF098686.D
 Acq: 22 Sep 2017 8:52

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1037334		
226	30.7	25.0	37.6	
229	19.8	16.2	24.4	





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.220 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.01 min

Lab File: BF098686.D

Acq: 22 Sep 2017 8:52

Instrument :

BNA_F

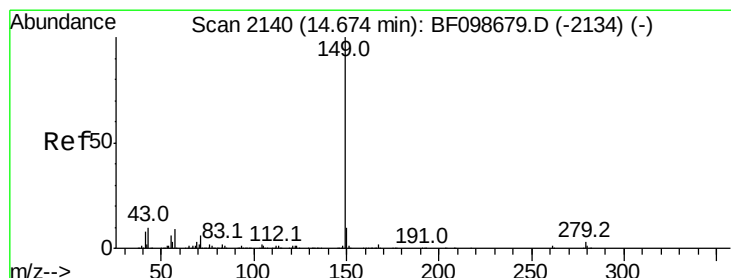
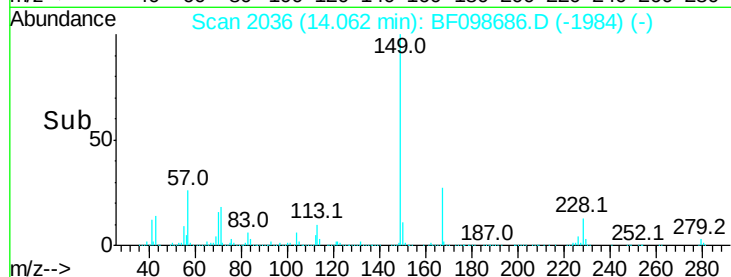
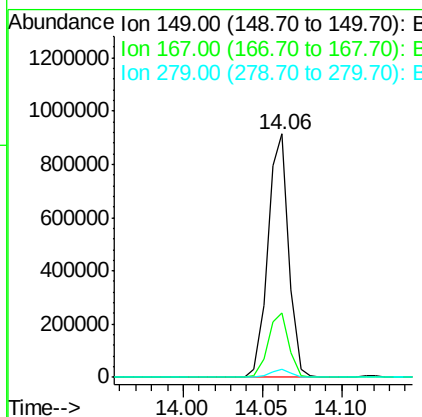
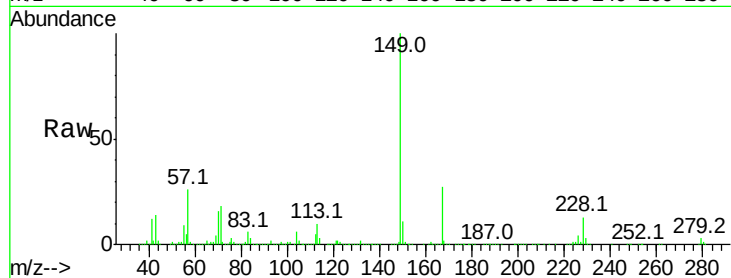
ClientSampleId :

PB102454BS

Tot Ion:	149	Resp:	842406
Ion Ratio	Lower	Upper	
149	100		
167	26.5	21.3	31.9
279	3.3	3.0	4.4

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#84

Di-n-octyl phthalate

Concen: 48.337 ng

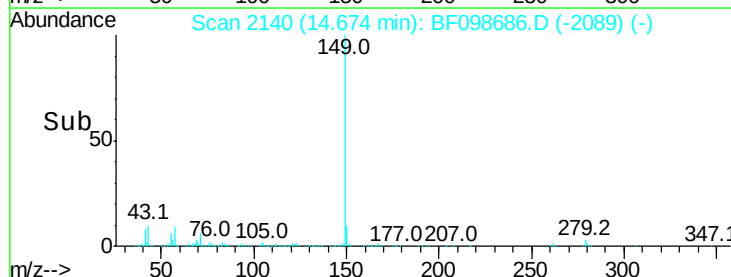
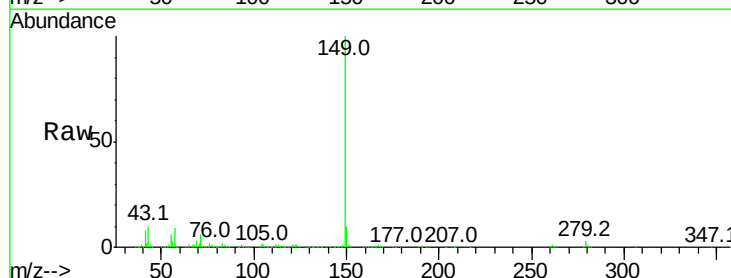
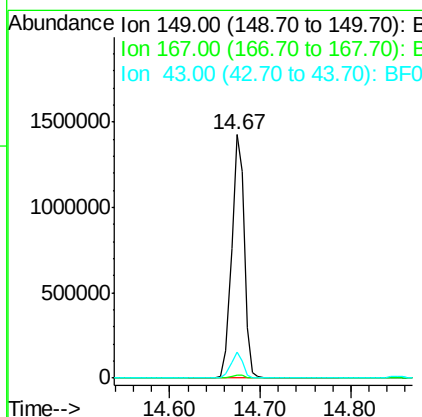
RT: 14.67 min Scan# 2140

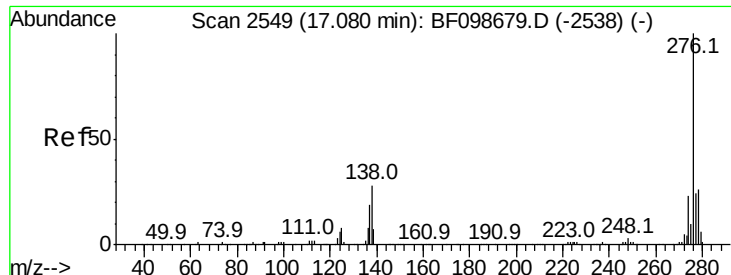
Delta R.T. -0.00 min

Lab File: BF098686.D

Acq: 22 Sep 2017 8:52

Tgt Ion:	149	Resp:	1382929
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	9.8	8.4	12.6





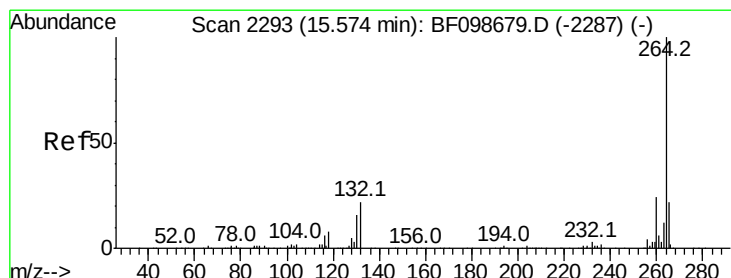
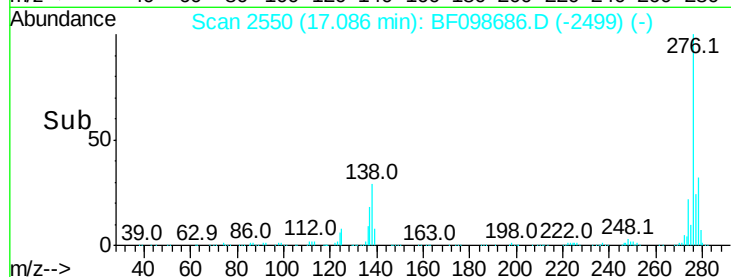
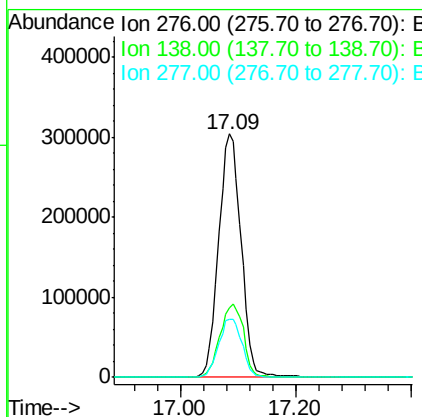
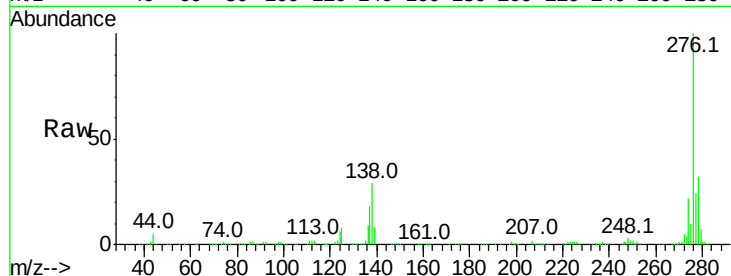
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.572 ng
 RT: 17.09 min Scan# 2550
 Delta R.T. -0.00 min
 Lab File: BF098686.D
 Acq: 22 Sep 2017 8:52

Instrument :
 BNA_F
 ClientSampleId :
 PB102454BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.8	25.0	37.6
277	25.0	20.1	30.1

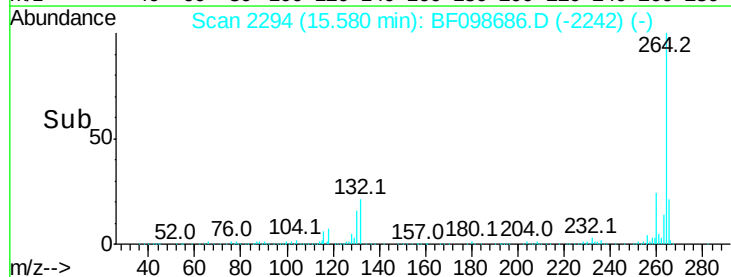
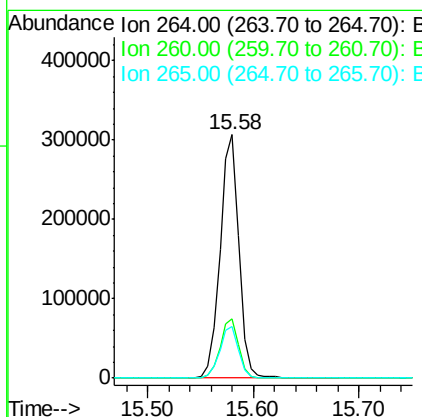
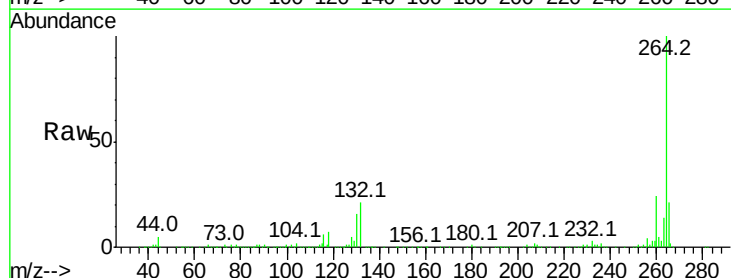
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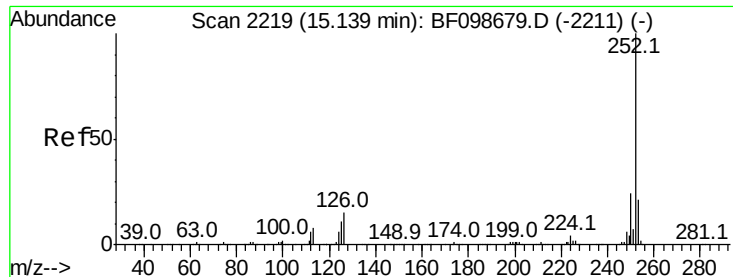
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.58 min Scan# 2294
 Delta R.T. 0.01 min
 Lab File: BF098686.D
 Acq: 22 Sep 2017 8:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.3	17.5	26.3





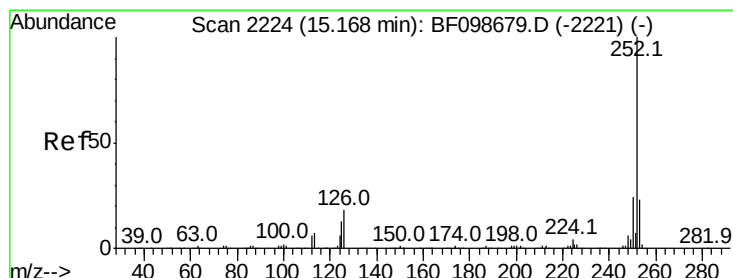
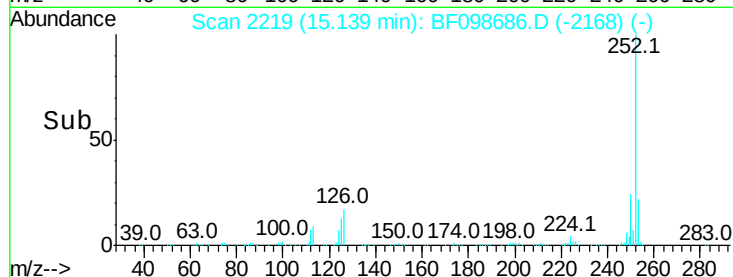
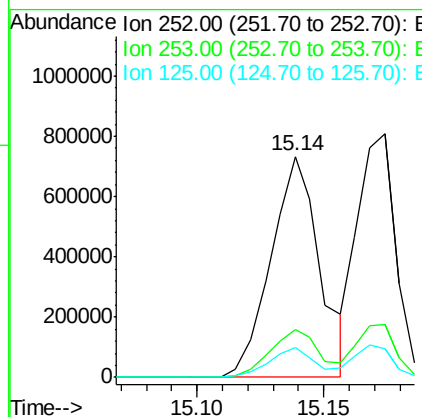
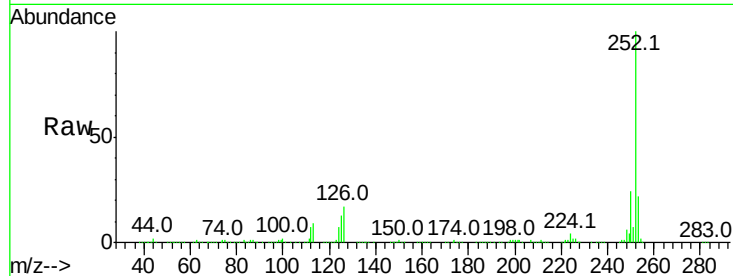
#87
Benzo(b)fluoranthene
Concen: 44.543 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.00 min
Lab File: BF098686.D
Acq: 22 Sep 2017 8:52

Instrument :
BNA_F
ClientSampled :
PB102454BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.0	25.6
125	13.3	9.0	13.6

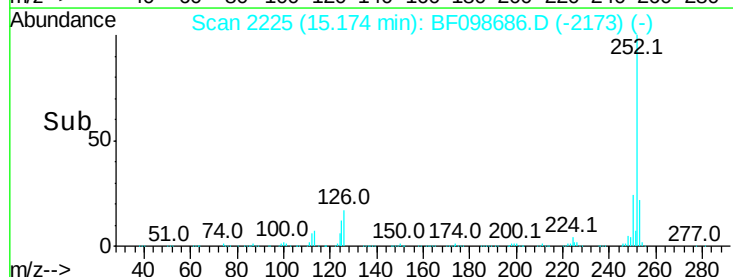
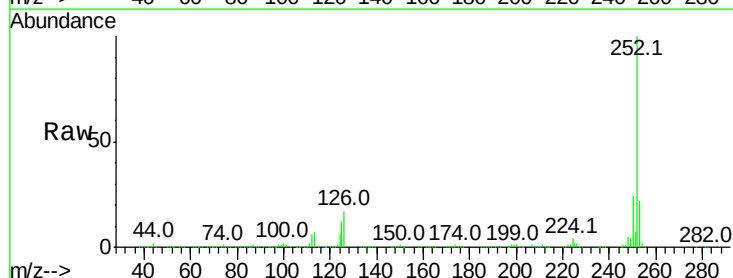
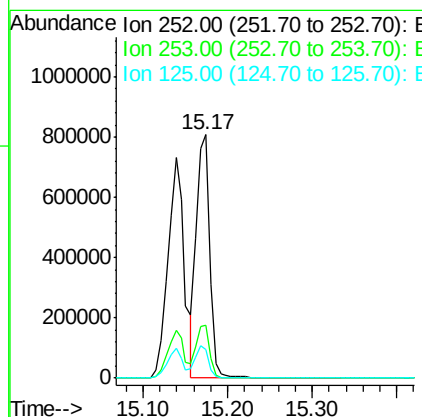
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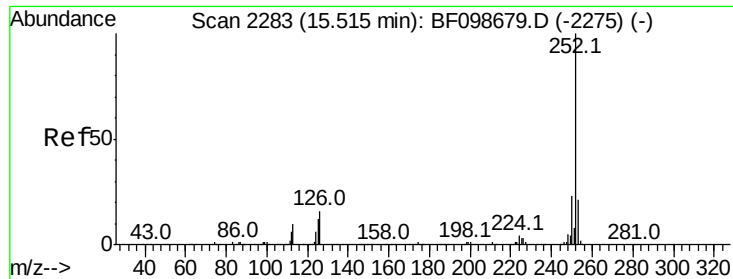
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#88
Benzo(k)fluoranthene
Concen: 39.179 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF098686.D
Acq: 22 Sep 2017 8:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	11.8	10.2	15.2





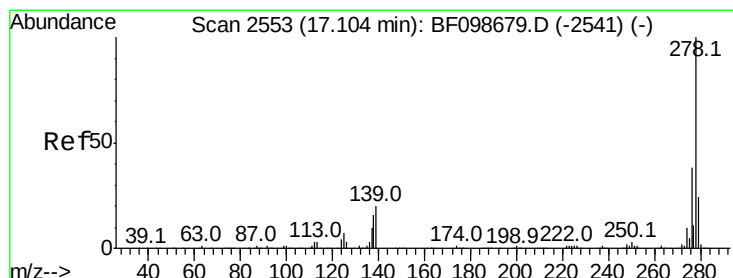
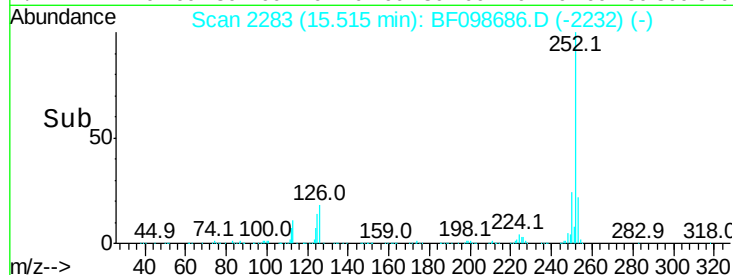
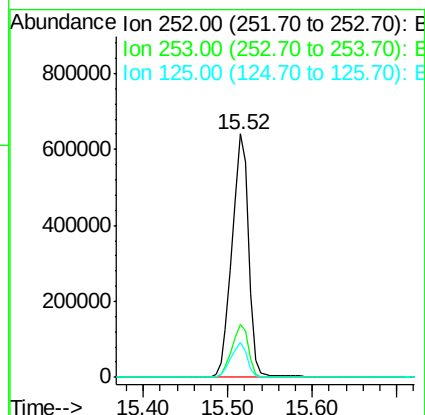
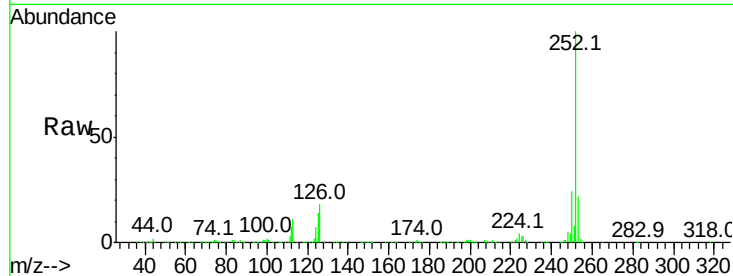
#89
Benzo(a)pyrene
Concen: 42.990 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF098686.D
Acq: 22 Sep 2017 8:52

Instrument :
BNA_F
ClientSampleId :
PB102454BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	21.6	17.1	25.7	
125	14.5	9.8	14.6	

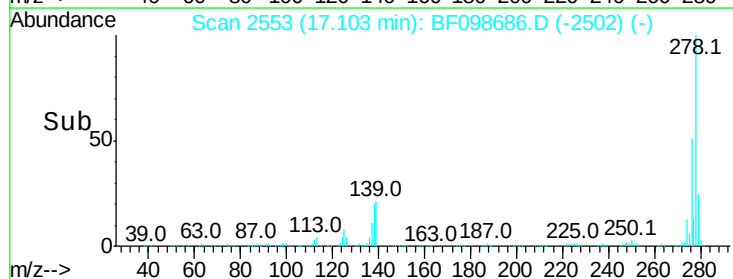
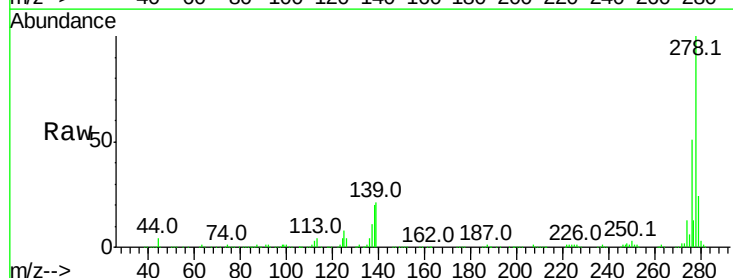
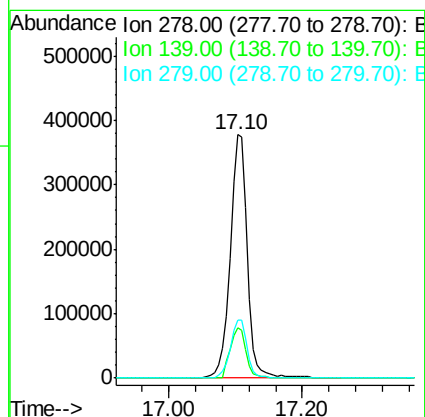
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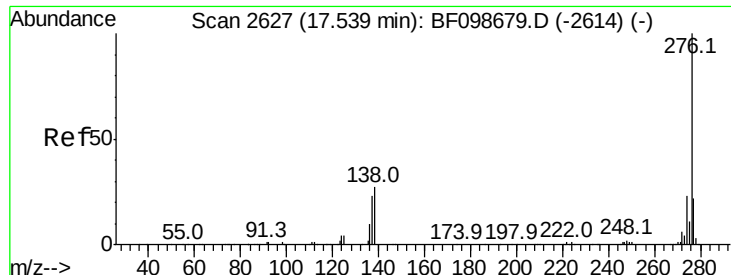
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#90
Dibenzo(a,h)anthracene
Concen: 40.160 ng
RT: 17.10 min Scan# 2553
Delta R.T. -0.00 min
Lab File: BF098686.D
Acq: 22 Sep 2017 8:52

Tgt Ion	Ratio	Resp	Lower	Upper
278	100			
139	20.7	15.9	23.9	
279	23.7	19.0	28.4	





#91
 Benzo(a,h,i)perylene
 Concen: 39.528 ng
 RT: 17.54 min Scan# 2628
 Delta R.T. -0.00 min
 Lab File: BF098686.D
 Acq: 22 Sep 2017 8:52

Instrument :
 BNA_F
 ClientSampleId :
 PB102454BS

Tot Ion:	276	Resp:	675509
Ion Ratio		Lower	Upper
276	100		
277	23.9	17.9	26.9
138	28.0	21.8	32.8

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