

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
 Data File : BF101677.D
 Acq On : 23 Dec 2017 3:13
 Operator : SJ/JU
 Sample : PB105250BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB105250BS

Manual Integrations
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Sohil
 12/26/2017 1:37:40 PM

Quant Time: Dec 23 04:10:58 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 16:07:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	144930	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	566469	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	245286	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	427300	20.00	ng	0.00
75) Chrysene-d12	13.97	240	281863	20.00	ng	0.00
86) Perylene-d12	15.43	264	268213	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1389006	142.76	ng	0.02
7) Phenol-d6	6.44	99	1639955	135.43	ng	0.00
23) Nitrobenzene-d5	7.36	82	1077599	105.89	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	352860	149.29	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1654179	104.61	ng	0.00
78) Terphenyl-d14	12.90	244	1432702	122.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	188807	37.766	ng	96
3) Pyridine	3.38	79	464466	33.438	ng	96
4) n-Nitrosodimethylamine	3.31	42	255684	39.979	ng	# 99
6) Aniline	6.46	93	311629	18.519	ng	# 81
8) 2-Chlorophenol	6.58	128	429361	41.951	ng	99
9) Benzaldehyde	6.35	77	222989	24.935	ng	96
10) Phenol	6.45	94	535288	38.785	ng	94
11) bis(2-Chloroethyl)ether	6.53	93	448297	41.410	ng	94
12) 1,3-Dichlorobenzene	6.73	146	480402	41.588	ng	99
13) 1,4-Dichlorobenzene	6.80	146	493036	41.797	ng	99
14) 1,2-Dichlorobenzene	6.96	146	432164	40.702	ng	98
15) Benzyl Alcohol	6.95	79	311377	37.360	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	735726	44.406	ng	68
17) 2-Methylphenol	7.06	107	360442	38.285	ng	# 89
18) Hexachloroethane	7.29	117	160048	39.025	ng	97
19) n-Nitroso-di-n-propylamine	7.21	70	306433	38.535	ng	95
20) 3+4-Methylphenols	7.21	107	469272	47.038	ng	# 60
22) Acetophenone	7.20	105	599300	46.366	ng	# 92
24) Nitrobenzene	7.38	77	485622	43.118	ng	98
25) Isophorone	7.62	82	904882	44.326	ng	98
26) 2-Nitrophenol	7.69	139	235963	48.767	ng	95
27) 2,4-Dimethylphenol	7.73	122	392147	47.706	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	567875	43.792	ng	98
29) 2,4-Dichlorophenol	7.94	162	380936	46.907	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	364532	42.535	ng	97
31) Naphthalene	8.09	128	1212621	42.521	ng	99
32) Benzoic acid	7.90	122	254504	46.290	ng	95
33) 4-Chloroaniline	8.16	127	163988	13.230	ng	98
34) Hexachlorobutadiene	8.20	225	211812	42.732	ng	100
35) Caprolactam	8.54	113	131858m	46.760	ng	
36) 4-Chloro-3-methylphenol	8.65	107	386725	43.326	ng	97
37) 2-Methylnaphthalene	8.79	142	791881	42.620	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	376594	45.474	ng	97
40) Hexachlorocyclopentadiene	8.93	237	16864	23.886	ng	99

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 PB105250BS

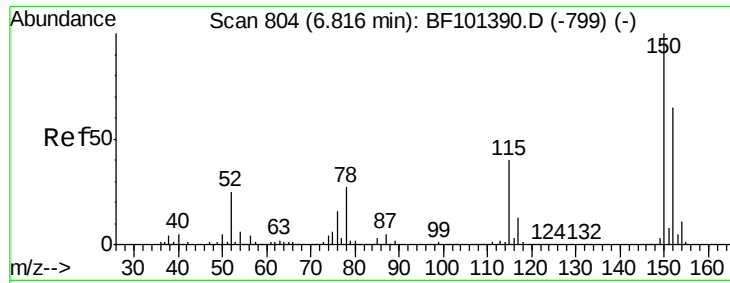
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 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	240175	48.173	ng	98
43) 2,4,5-Trichlorophenol	9.13	196	232374	42.567	ng	94
45) 1,1'-Biphenyl	9.25	154	969007	44.546	ng	99
46) 2-Chloronaphthalene	9.28	162	717762	43.123	ng	96
47) 2-Nitroaniline	9.39	65	264146	45.939	ng	92
48) Acenaphthylene	9.69	152	1044322	39.724	ng	99
49) Dimethylphthalate	9.55	163	818266	41.474	ng	99
50) 2,6-Dinitrotoluene	9.63	165	178985	44.635	ng #	91
51) Acenaphthene	9.86	154	644137	40.782	ng	99
52) 3-Nitroaniline	9.80	138	138462	27.696	ng	96
53) 2,4-Dinitrophenol	9.93	184	48454	40.538	ng #	21
54) Dibenzofuran	10.03	168	907970	45.234	ng	97
55) 4-Nitrophenol	9.98	139	172860	79.295	ng	88
56) 2,4-Dinitrotoluene	10.05	165	221995	49.137	ng #	95
57) Fluorene	10.38	166	739334	43.541	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	187982	47.929	ng #	88
59) Diethylphthalate	10.25	149	834246	42.698	ng	97
60) 4-Chlorophenyl-phenylether	10.36	204	365023	44.854	ng	95
61) 4-Nitroaniline	10.42	138	178757	35.572	ng	95
62) Azobenzene	10.53	77	822305	40.628	ng	95
64) 4,6-Dinitro-2-methylphenol	10.46	198	47057	21.580	ng	90
65) n-Nitrosodiphenylamine	10.49	169	693326	43.943	ng	98
66) 4-Bromophenyl-phenylether	10.86	248	227608	47.406	ng #	85
67) Hexachlorobenzene	10.93	284	225826	44.441	ng	93
68) Atrazine	11.02	200	223453	47.497	ng	98
69) Pentachlorophenol	11.13	266	166691	83.998	ng	96
70) Phenanthrene	11.35	178	1003092	42.213	ng	99
71) Anthracene	11.40	178	1034545	42.621	ng	100
72) Carbazole	11.56	167	935636	41.171	ng	99
73) Di-n-butylphthalate	11.87	149	1239807	44.948	ng	99
74) Fluoranthene	12.53	202	973443	39.028	ng	99
76) Benzidine	12.66	184	200966	16.881	ng	98
77) Pyrene	12.76	202	982916	46.465	ng	100
79) Butylbenzylphthalate	13.37	149	479092	50.054	ng #	94
80) Benzo(a)anthracene	13.96	228	805451	43.276	ng	99
81) 3,3'-Dichlorobenzidine	13.91	252	249554	41.121	ng	97
82) Chrysene	13.99	228	769963	43.815	ng	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	603168	49.752	ng	99
84) Di-n-octyl phthalate	14.53	149	1035002	47.870	ng	97
85) Indeno(1,2,3-cd)pyrene	16.91	276	665046	42.498	ng	96
87) Benzo(b)fluoranthene	15.00	252	691705	42.311	ng	99
88) Benzo(k)fluoranthene	15.03	252	707035	44.482	ng	98
89) Benzo(a)pyrene	15.37	252	675301	44.809	ng	99
90) Dibenzo(a,h)anthracene	16.90	278	564079	43.594	ng	97
91) Benzo(g,h,i)perylene	17.35	276	562135	43.873	ng	94

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



#1

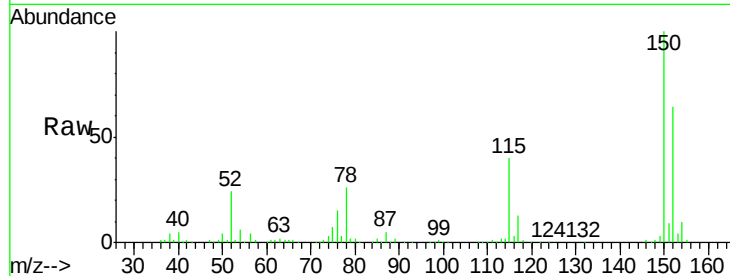
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF101677.D
Acq: 23 Dec 2017 3:13

Instrument :
BNA_F
ClientSampleId :
PB105250BS

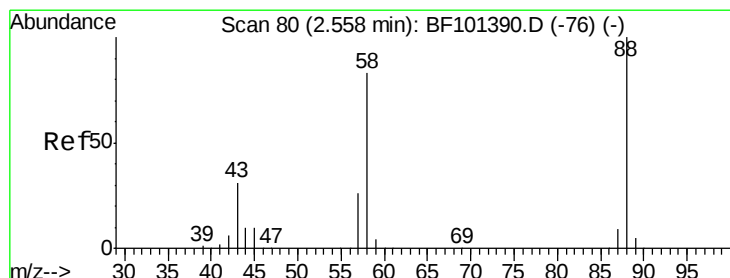
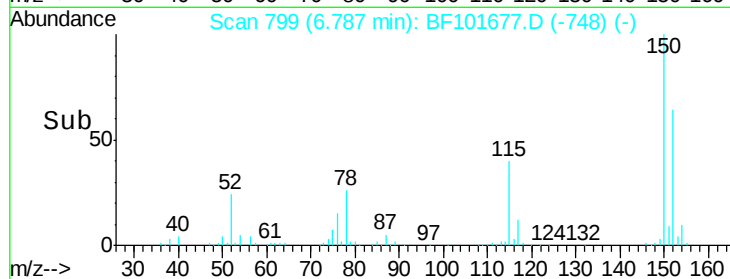
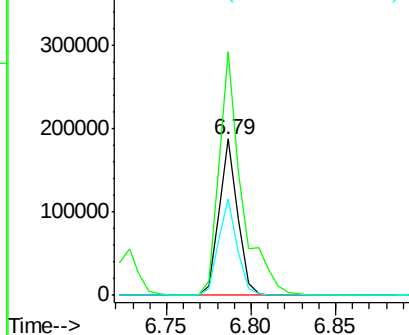
Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.6	186.8
115	61.6	50.1	75.1

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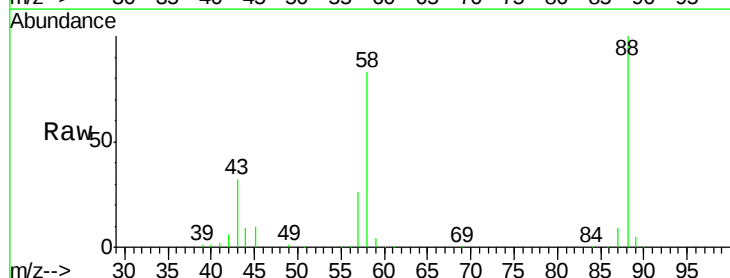
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



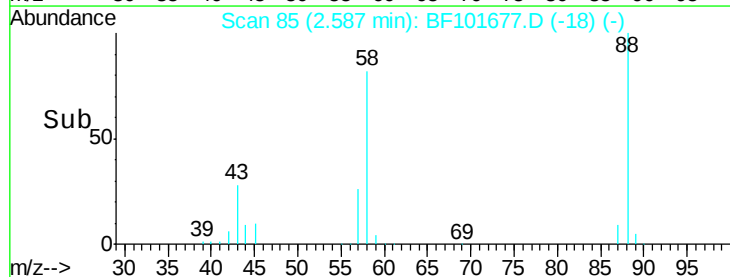
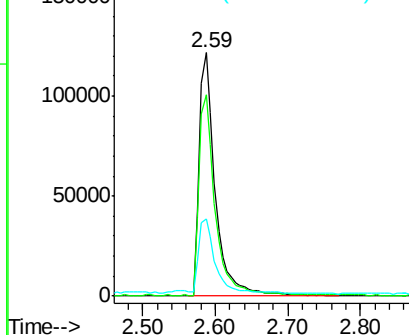
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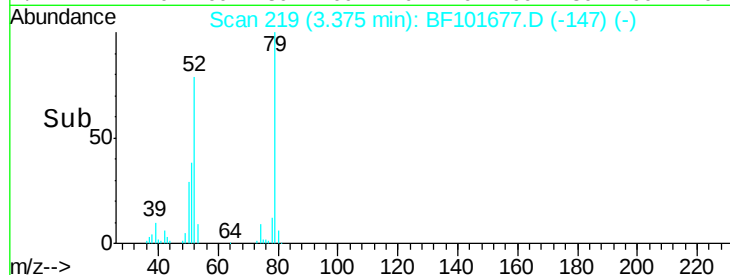
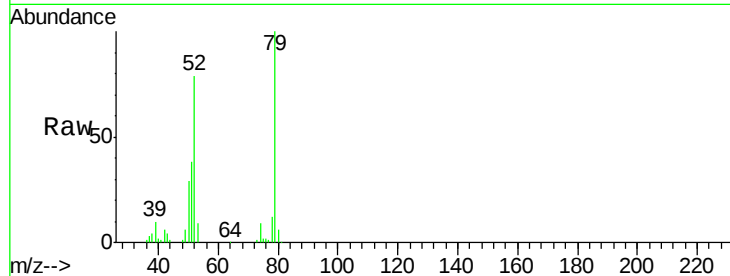
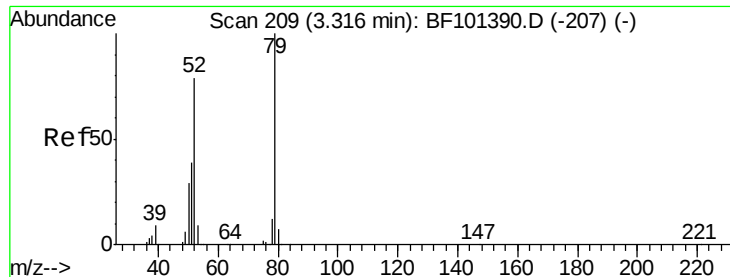
1,4-Dioxane
Concen: 37.766 ng
RT: 2.59 min Scan# 85
Delta R.T. 0.09 min
Lab File: BF101677.D
Acq: 23 Dec 2017 3:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.1	62.6	93.8
43	30.6	24.6	37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





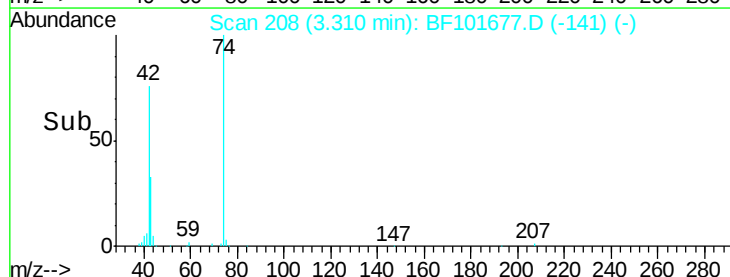
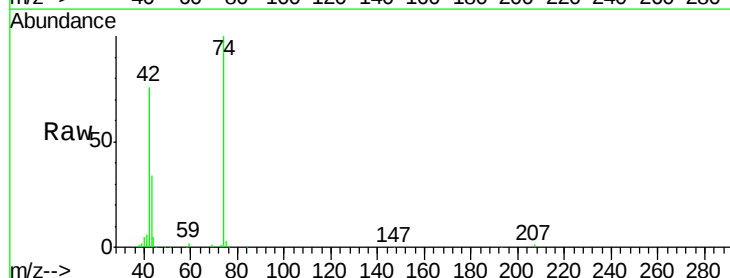
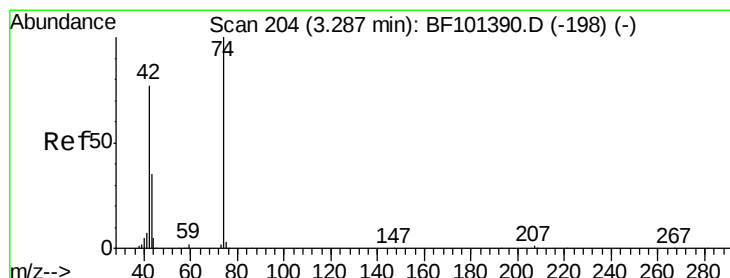
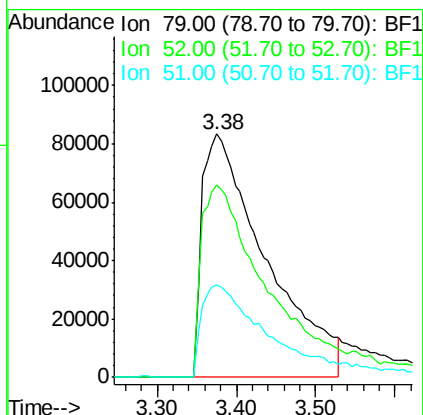
#3
Pyridine
Concen: 33.438 ng
RT: 3.38 min Scan# 219
Delta R.T. 0.12 min
Lab File: BF101677.D
Acq: 23 Dec 2017 3:13

Tgt Ion	Ratio	Lower	Upper
79	100		
52	78.9	59.8	89.6
51	37.8	29.8	44.8

Instrument :
BNA_F
ClientSampleId :
PB105250BS

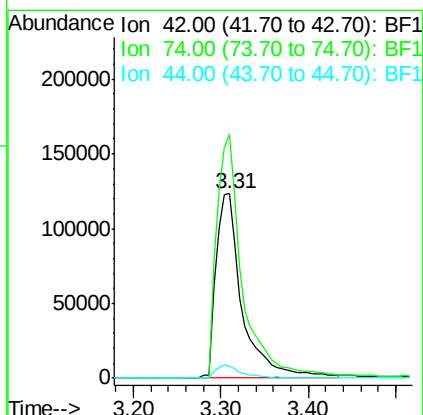
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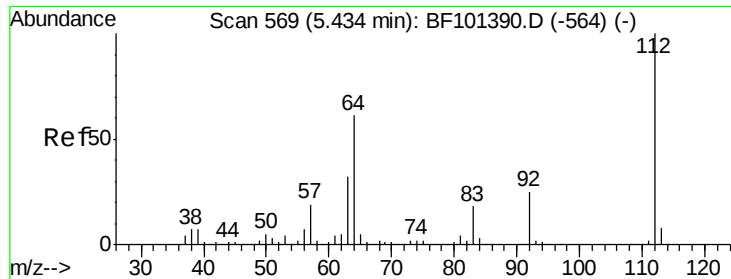
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#4
n-Nitrosodimethylamine
Concen: 39.979 ng
RT: 3.31 min Scan# 208
Delta R.T. 0.09 min
Lab File: BF101677.D
Acq: 23 Dec 2017 3:13

Tgt Ion	Ratio	Lower	Upper
42	100		
74	131.9	104.9	157.3
44	6.4	6.9	10.3#





#5

2-Fluorophenol

Concen: 142.761 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.02 min

Lab File: BF101677.D

Acq: 23 Dec 2017 3:13

Instrument :

BNA_F

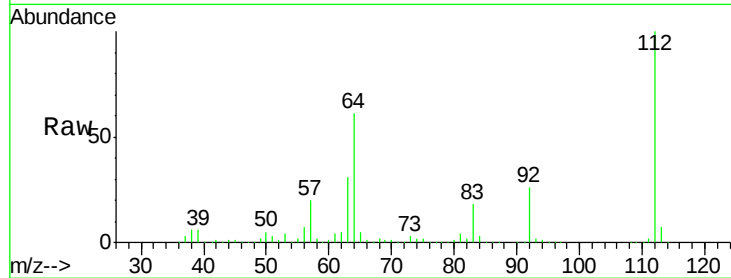
ClientSampled :

PB105250BS

Tgt Ion:	112	Resp:	1389006
Ion	Ratio	Lower	Upper
112	100		
64	61.1	47.9	71.9
63	31.3	23.7	35.5

Manual Integrations
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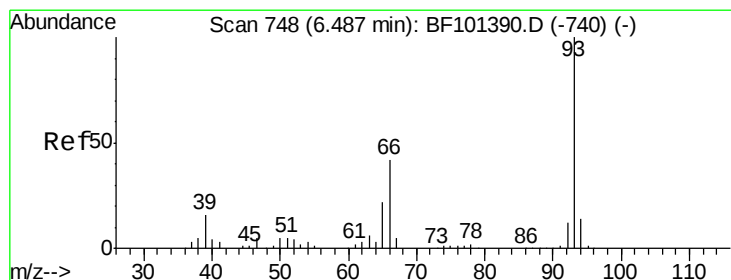
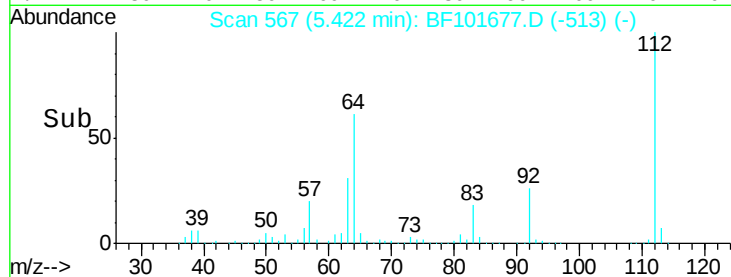
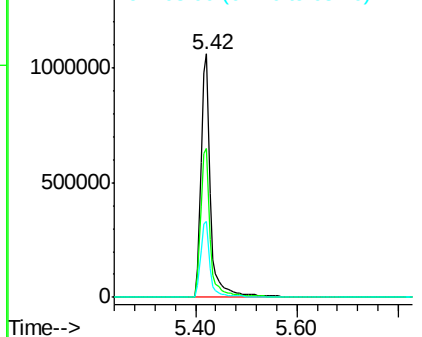
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 18.519 ng

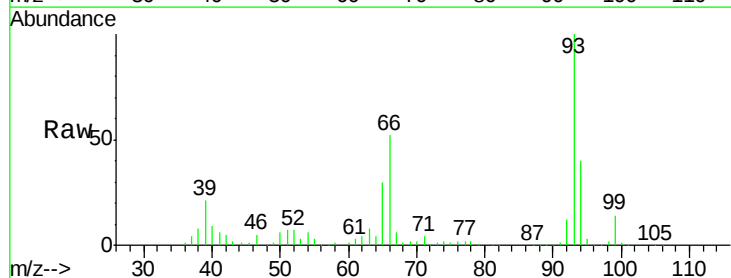
RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF101677.D

Acq: 23 Dec 2017 3:13

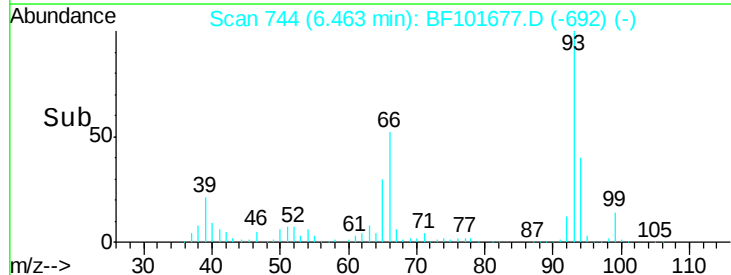
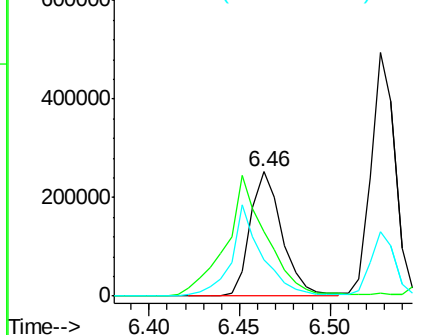
Tgt Ion:	93	Resp:	311629
Ion	Ratio	Lower	Upper
93	100		
66	51.8	32.2	48.2#
65	29.7	16.4	24.6#

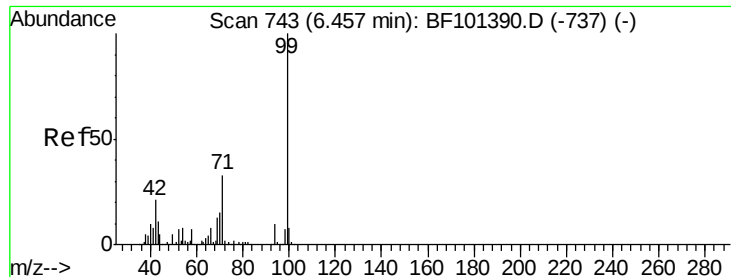


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 135.434 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF101677.D

Acq: 23 Dec 2017 3:13

Instrument :

BNA_F

ClientSampleId :

PB105250BS

Tgt Ion: 99 Resp: 1639955

Ion Ratio Lower Upper

99 100

42 20.9 14.5 21.7

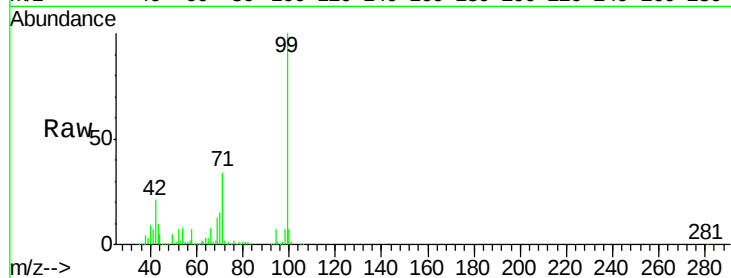
71 34.1 25.4 38.0

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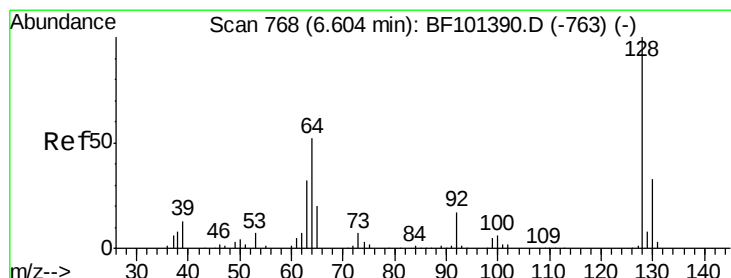
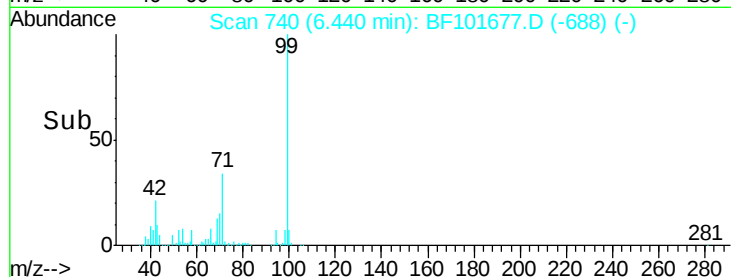
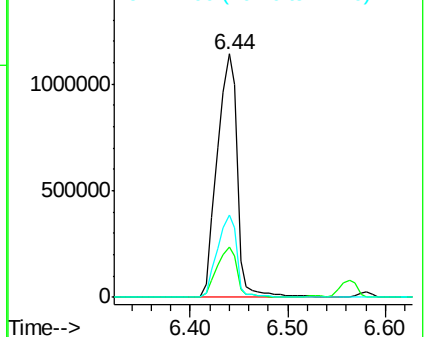
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.951 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.01 min

Lab File: BF101677.D

Acq: 23 Dec 2017 3:13

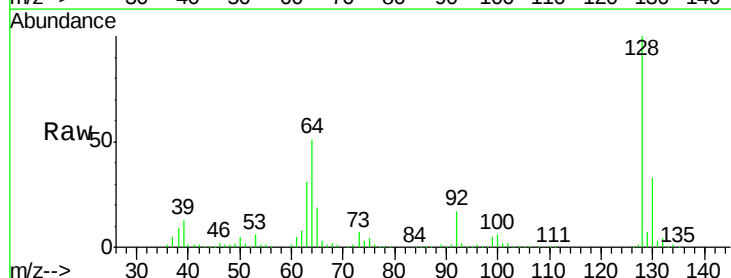
Tgt Ion: 128 Resp: 429361

Ion Ratio Lower Upper

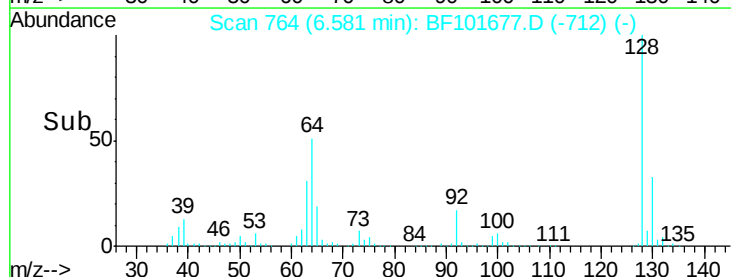
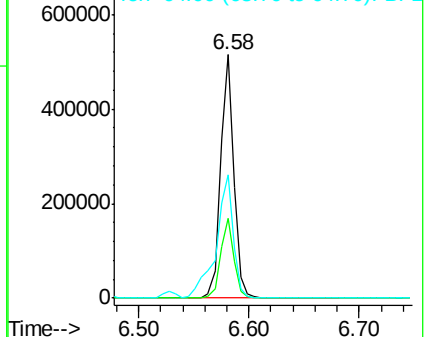
128 100

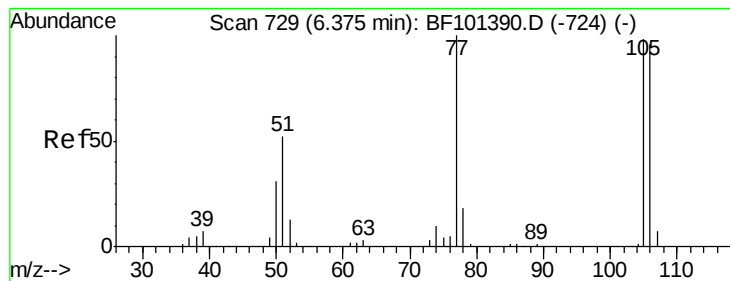
130 32.7 13.0 53.0

64 50.8 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 24.935 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF101677.D

Acq: 23 Dec 2017 3:13

Instrument :

BNA_F

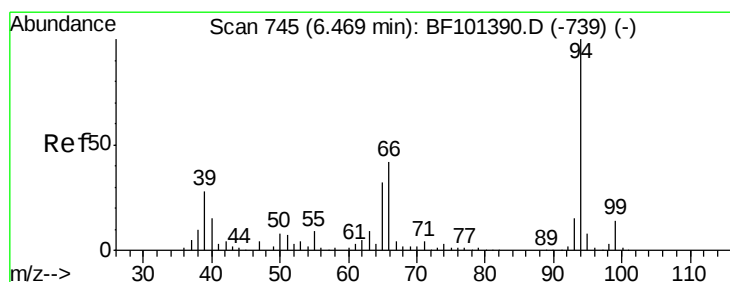
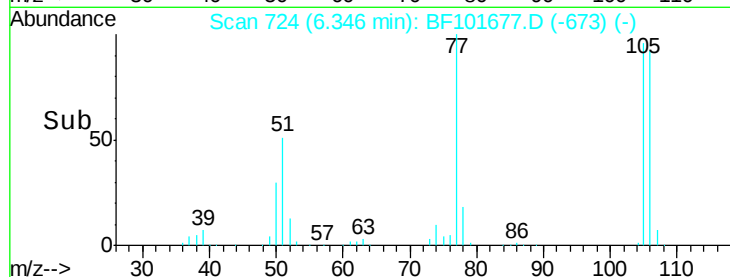
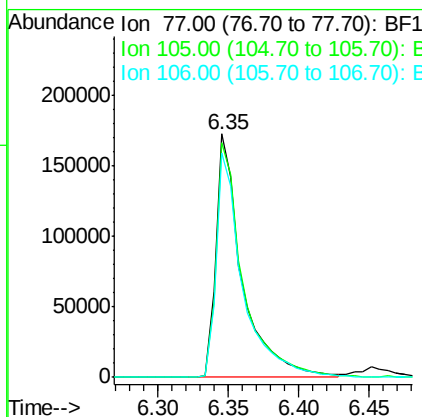
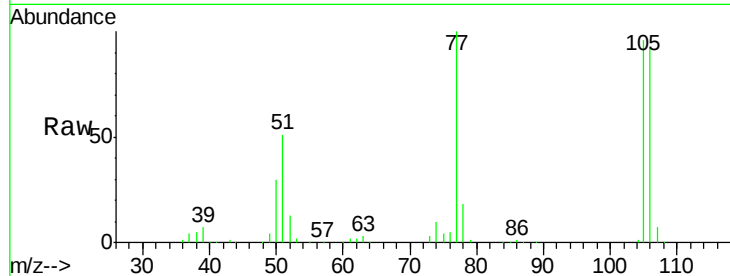
ClientSampleId :

PB105250BS

Tgt Ion:	77	Resp:	222989
Ion	Ratio	Lower	Upper
77	100		
105	96.2	81.1	121.1
106	92.1	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 38.785 ng

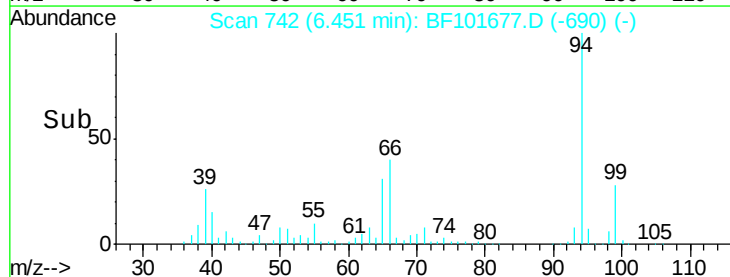
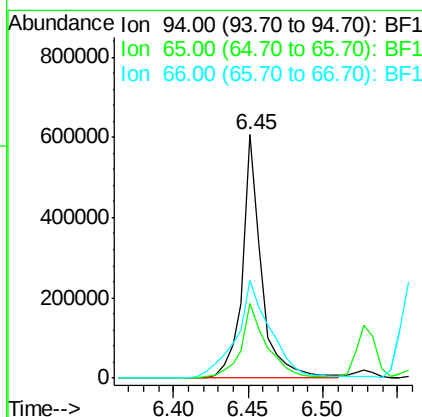
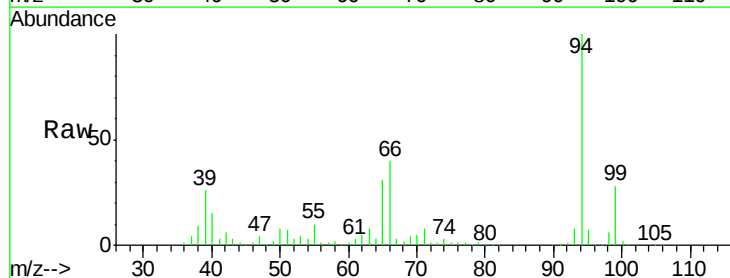
RT: 6.45 min Scan# 742

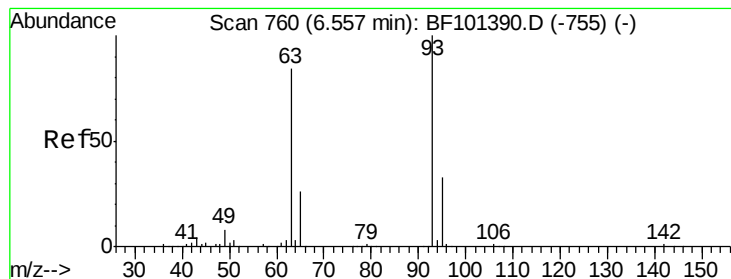
Delta R.T. 0.01 min

Lab File: BF101677.D

Acq: 23 Dec 2017 3:13

Tgt Ion:	94	Resp:	535288
Ion	Ratio	Lower	Upper
94	100		
65	30.5	7.9	47.9
66	40.3	16.2	56.2





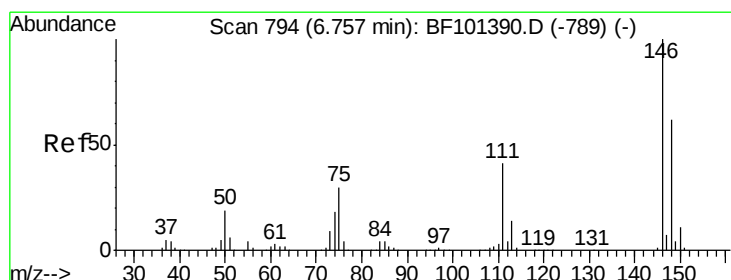
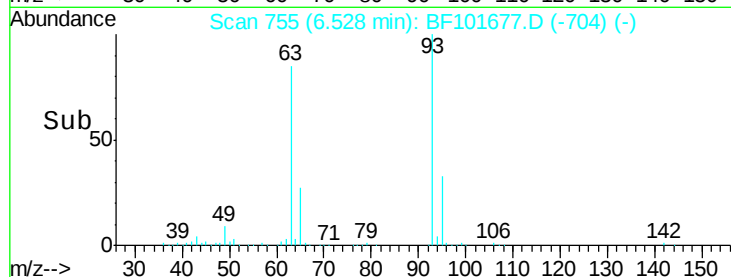
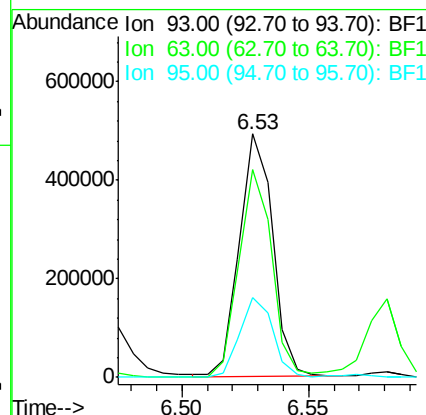
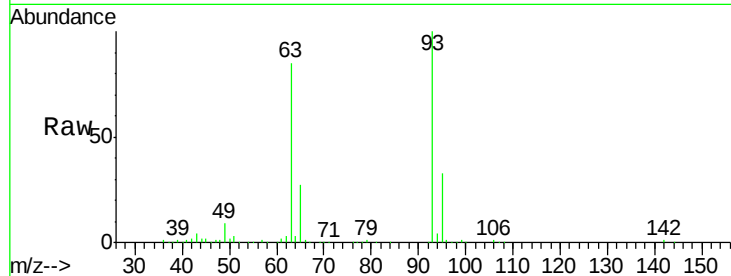
#11
bis(2-Chloroethyl)ether
Concen: 41.410 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF101677.D
Acq: 23 Dec 2017 3:13

Instrument :
BNA_F
ClientSampleId :
PB105250BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	448297		
63	85.1	58.6	98.6	
95	32.8	11.8	51.8	

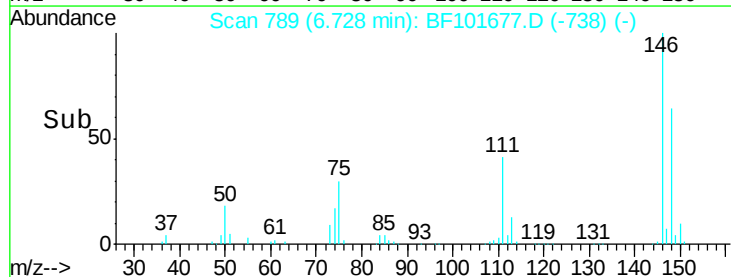
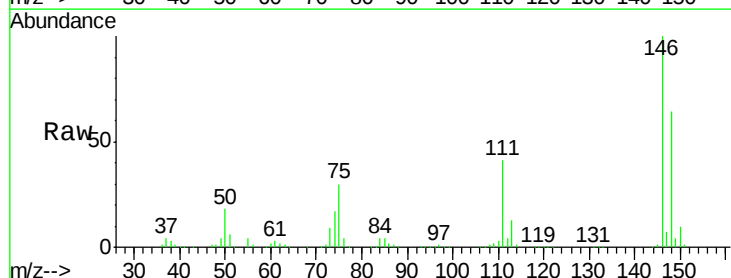
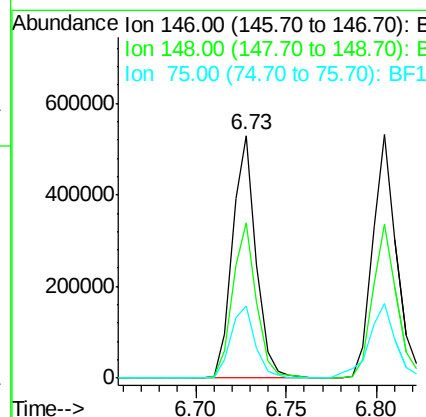
Manual Integrations
APPROVED

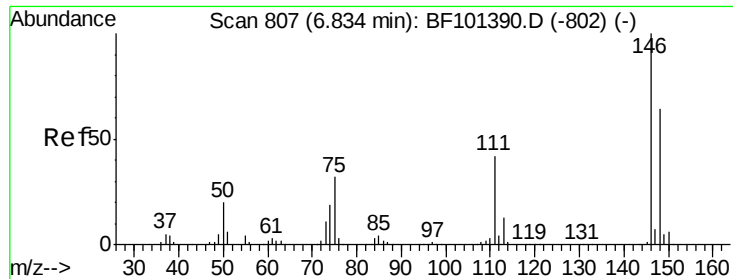
Sohil
12/26/2017 1:37:40 PM



#12
1,3-Dichlorobenzene
Concen: 41.588 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF101677.D
Acq: 23 Dec 2017 3:13

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	480402		
148	64.0	51.8	77.8	
75	29.9	24.2	36.4	





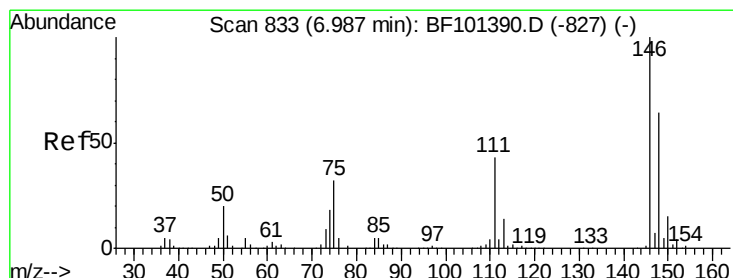
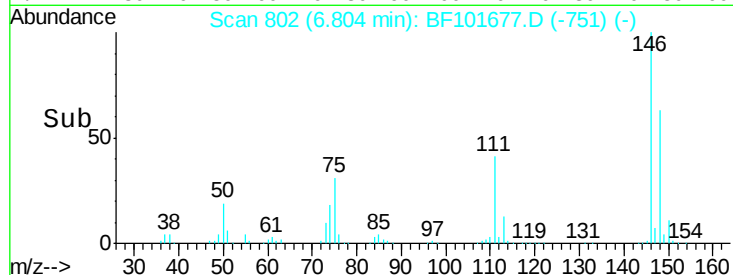
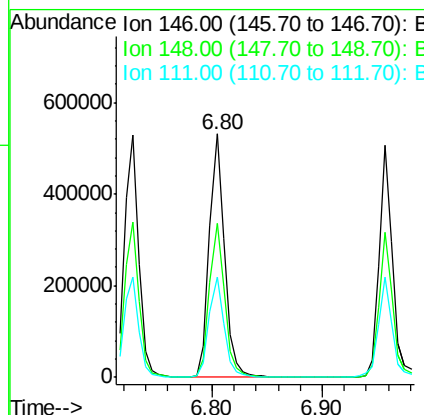
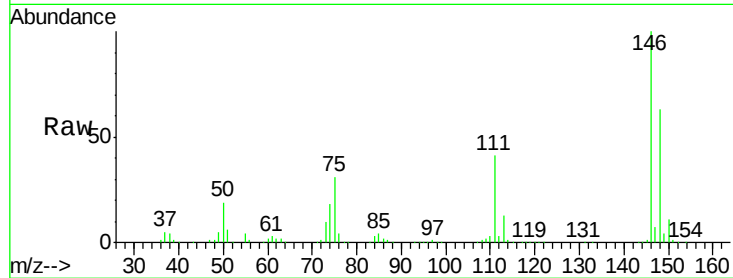
#13
1,4-Dichlorobenzene
Concen: 41.797 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF101677.D
Acq: 23 Dec 2017 3:13

Instrument :
BNA_F
ClientSampleId :
PB105250BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.8	76.2
111	41.0	34.2	51.2

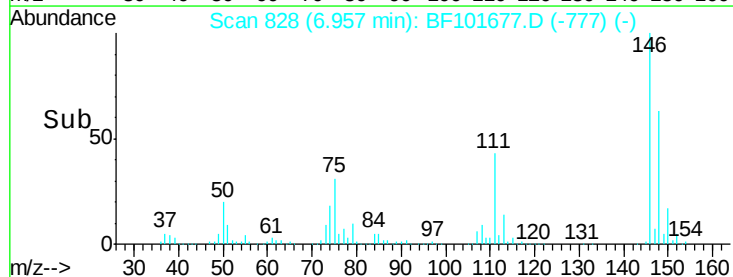
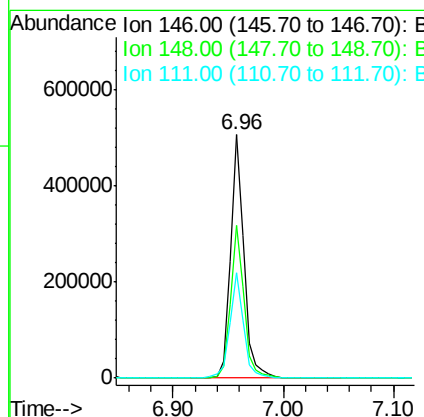
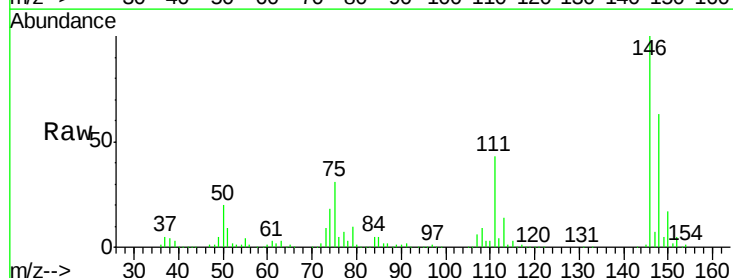
Manual Integrations
APPROVED

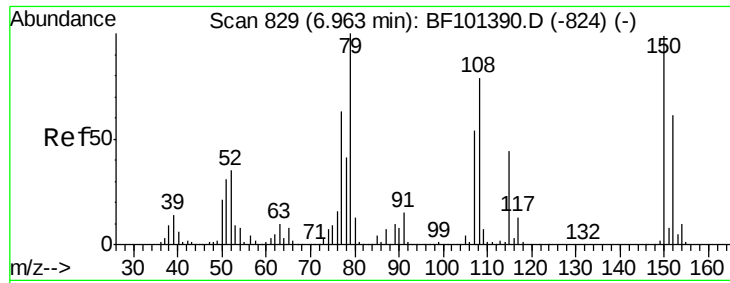
Sohil
12/26/2017 1:37:40 PM



#14
1,2-Dichlorobenzene
Concen: 40.702 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF101677.D
Acq: 23 Dec 2017 3:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.6	75.8
111	43.1	36.0	54.0





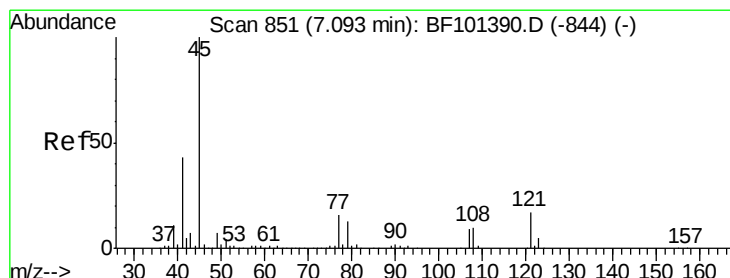
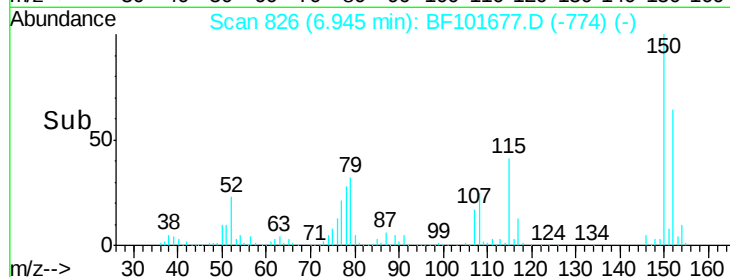
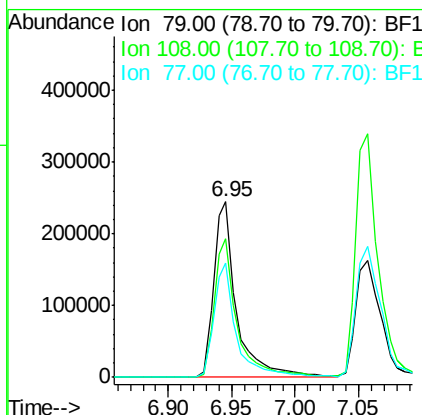
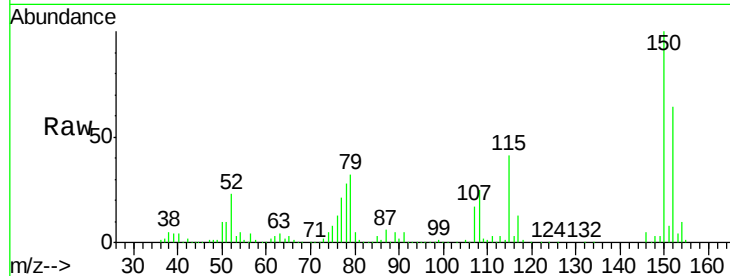
#15
Benzyl Alcohol
Concen: 37.360 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.01 min
Lab File: BF101677.D
Acq: 23 Dec 2017 3:13

Instrument :
BNA_F
ClientSampleId :
PB105250BS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	78.6	65.1	97.7
77	64.9	50.6	75.8

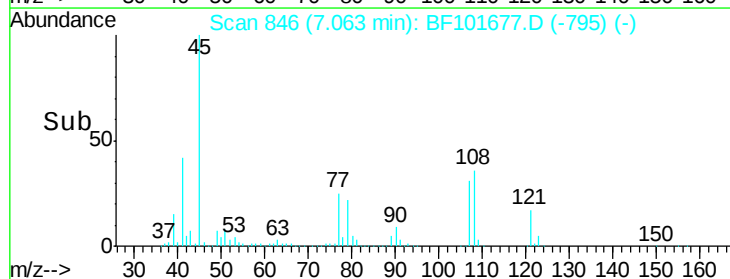
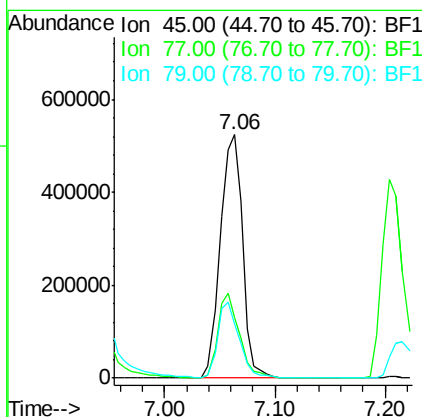
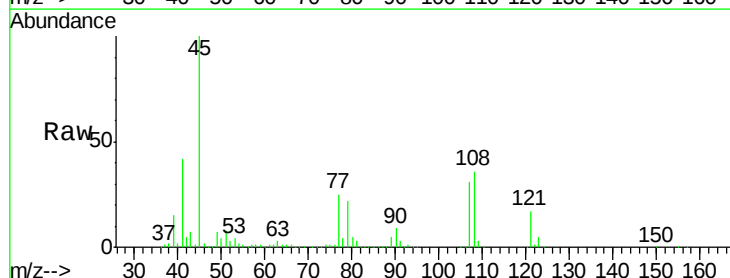
Manual Integrations
APPROVED

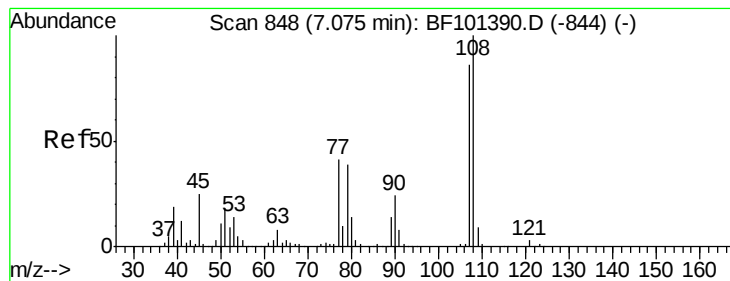
Sohil
12/26/2017 1:37:40 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.406 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF101677.D
Acq: 23 Dec 2017 3:13

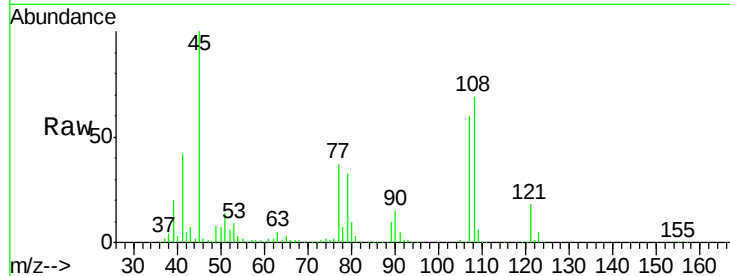
Tgt Ion	Ratio	Lower	Upper
45	100		
77	24.9	0.0	32.9
79	22.0	0.0	29.6





#17
2-Methylphenol
Concen: 38.285 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.01 min
Lab File: BF101677.D
Acq: 23 Dec 2017 3:13

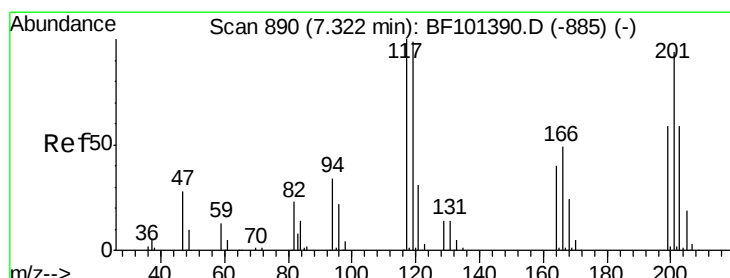
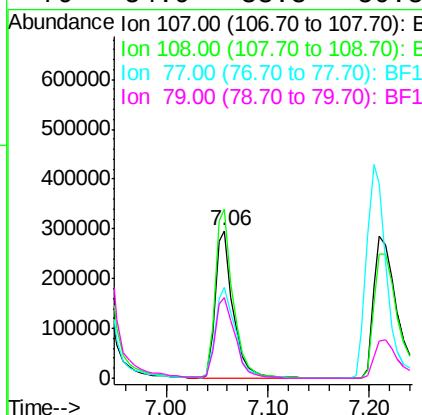
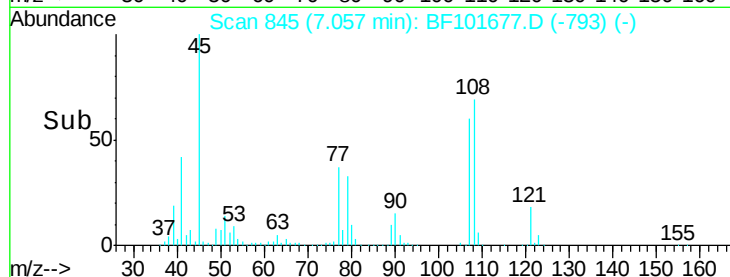
Instrument :
BNA_F
ClientSampleId :
PB105250BS



Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	114.3	91.7	137.5
77	61.3	33.8	50.8#
79	54.9	33.8	50.8#

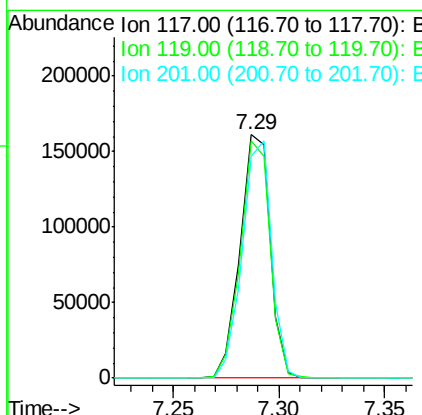
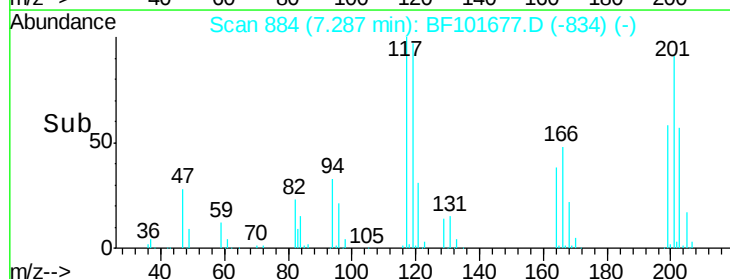
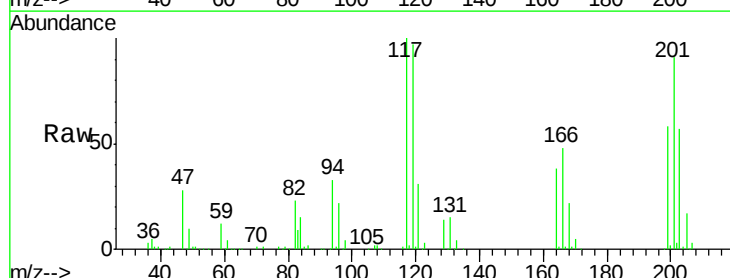
Manual Integrations
APPROVED

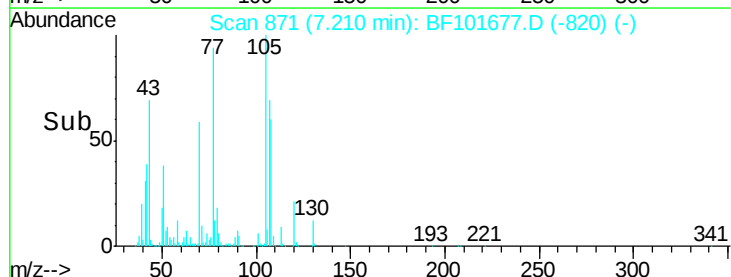
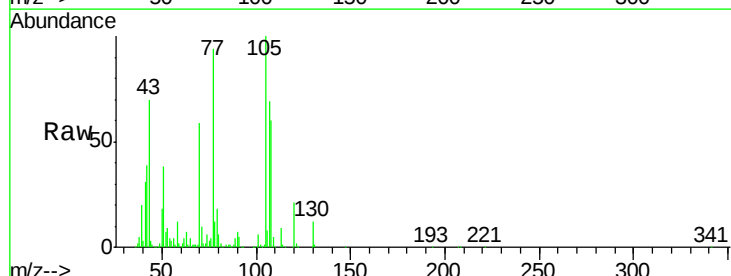
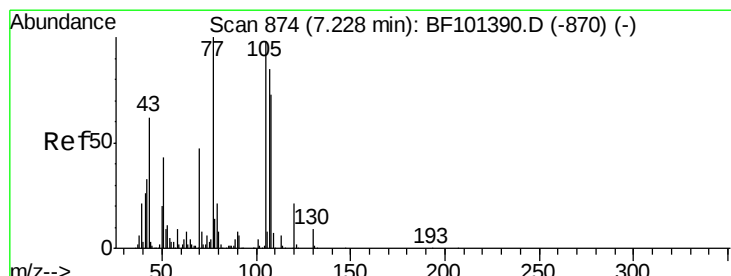
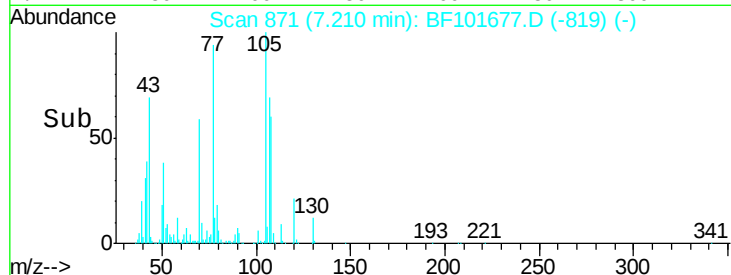
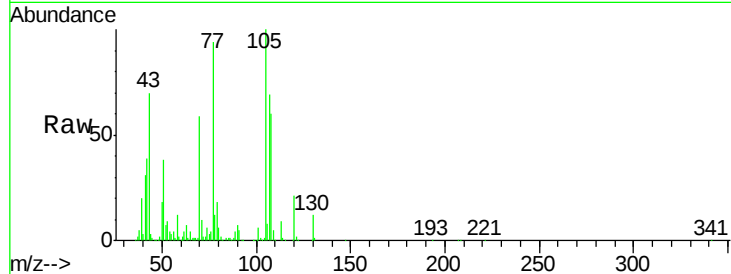
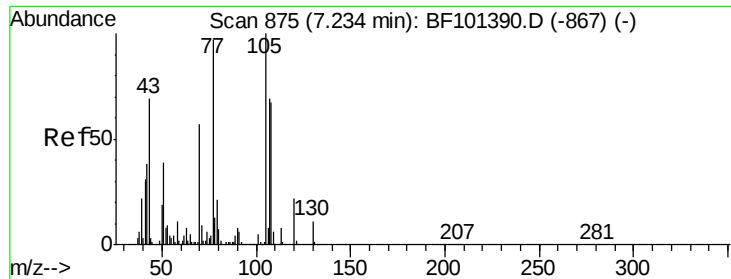
Sohil
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#18
Hexachloroethane
Concen: 39.025 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF101677.D
Acq: 23 Dec 2017 3:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	97.3	75.8	113.8
201	90.9	75.7	113.5





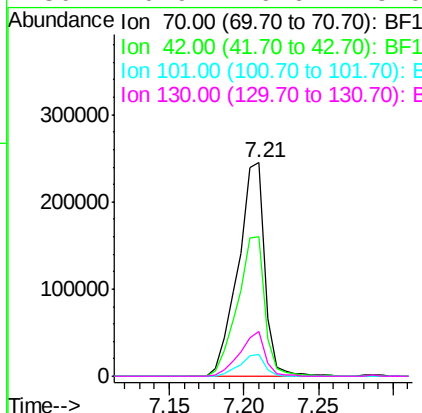
#19
n-Nitroso-di-n-propylamine
Concen: 38.535 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.01 min
Lab File: BF101677.D
Acq: 23 Dec 2017 3:13

Instrument :
BNA_F
ClientSampleId :
PB105250BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	65.2	47.5	71.3
101	10.1	7.4	11.2
130	20.9	16.6	25.0

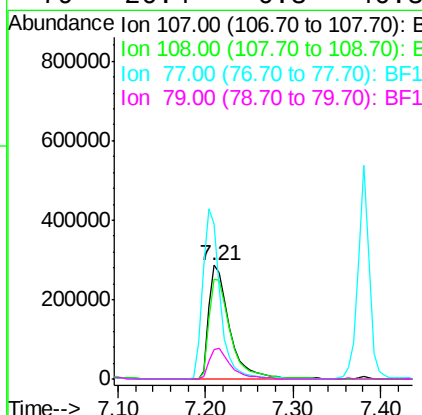
Manual Integrations
APPROVED

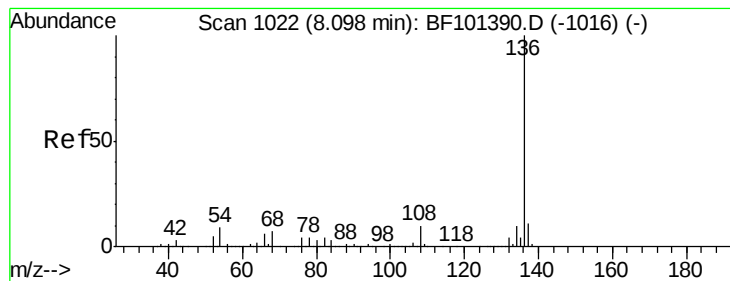
Sohil
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#20
3+4-Methylphenols
Concen: 47.038 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF101677.D
Acq: 23 Dec 2017 3:13

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.3	68.2	108.2
77	136.6	26.7	66.7#
79	26.4	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BF101677.D

Acq: 23 Dec 2017 3:13

Instrument :

BNA_F

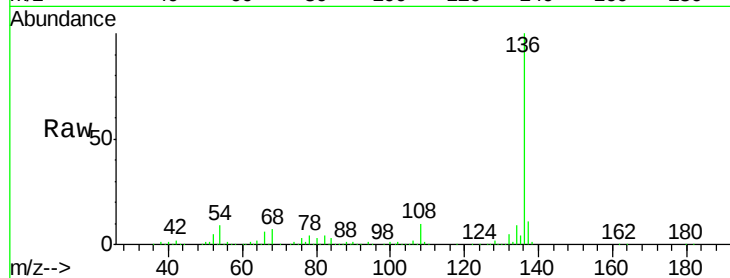
ClientSampleId :

PB105250BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	566469		
137	11.0	8.9	13.3	
54	9.3	6.6	9.8	
68	6.7	5.0	7.4	

Manual Integrations
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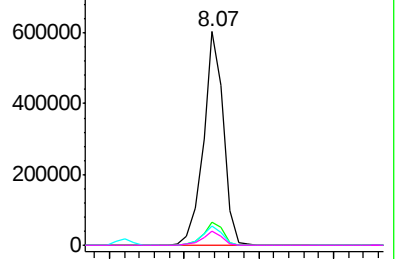


Abundance Ion 136.00 (135.70 to 136.70): E

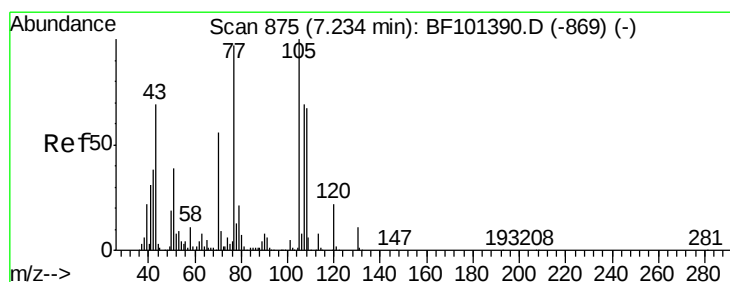
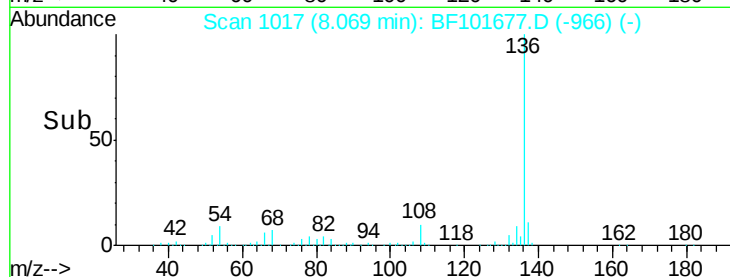
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 46.366 ng

RT: 7.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BF101677.D

Acq: 23 Dec 2017 3:13

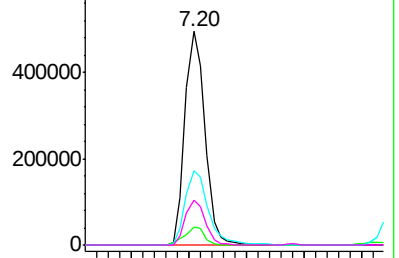
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	599300		
71	8.2	4.4	6.6#	
51	34.9	22.3	33.5#	
120	21.2	16.9	25.3	

Abundance Ion 105.00 (104.70 to 105.70): E

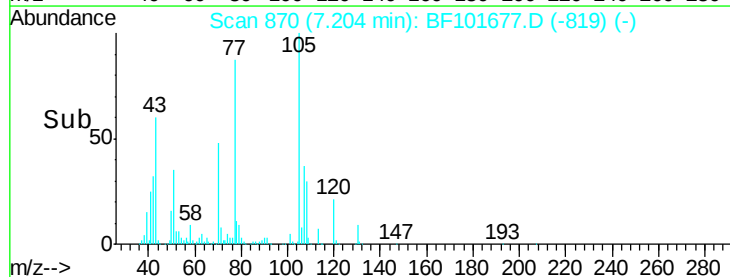
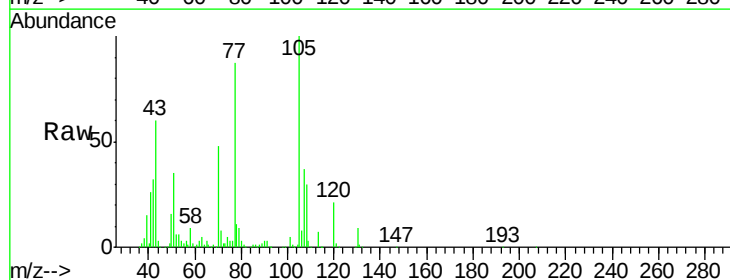
Ion 71.00 (70.70 to 71.70): BF1

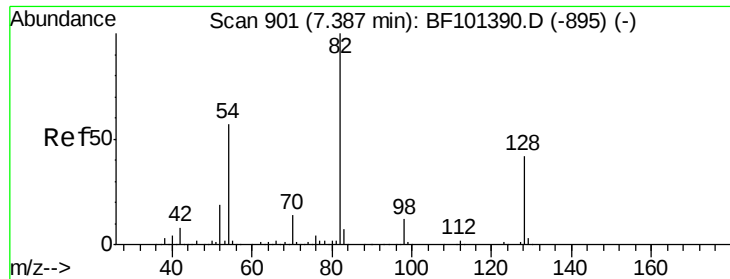
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->





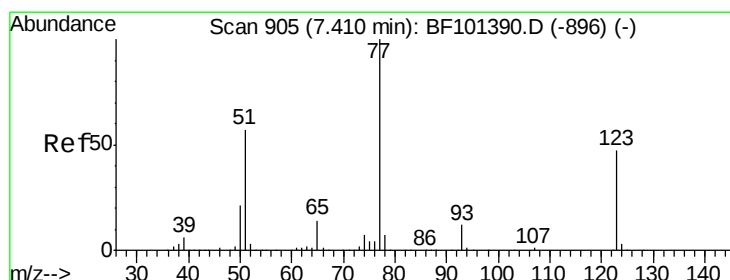
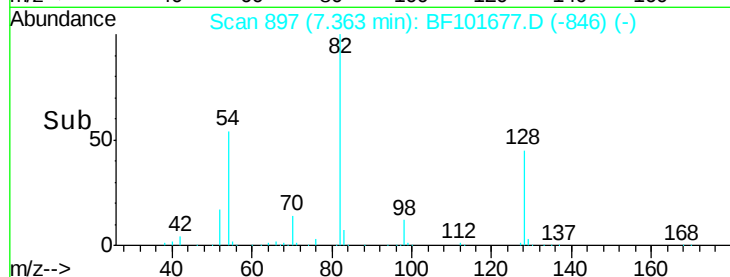
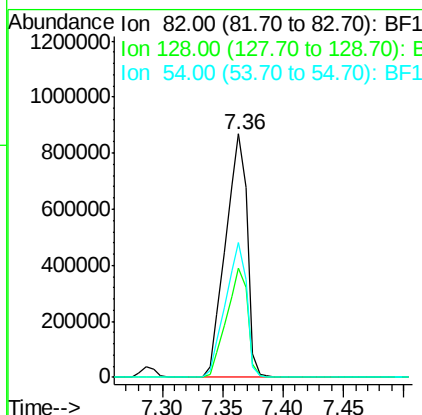
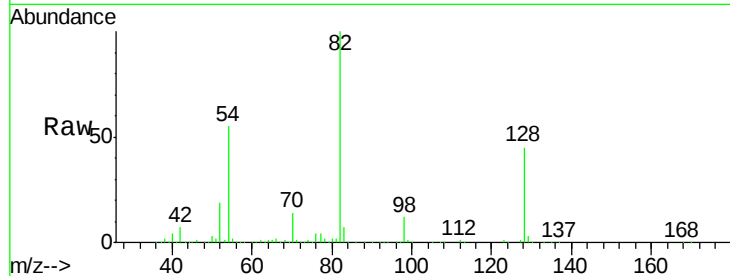
#23
 Nitrobenzene-d5
 Concen: 105.894 ng
 RT: 7.36 min Scan# 897
 Delta R.T. 0.00 min
 Lab File: BF101677.D
 Acq: 23 Dec 2017 3:13

Instrument :
 BNA_F
 ClientSampleId :
 PB105250BS

Tgt Ion: 82 Resp: 1077599
 Ion Ratio Lower Upper
 82 100
 128 44.9 36.1 54.1
 54 55.3 41.4 62.2

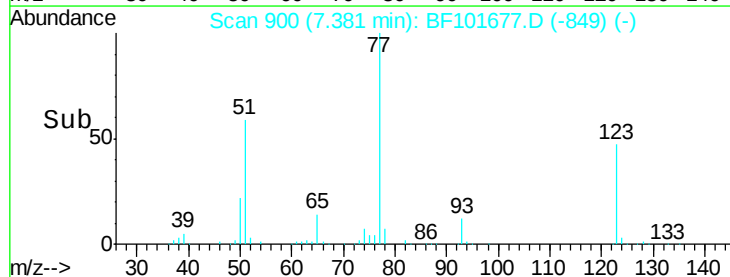
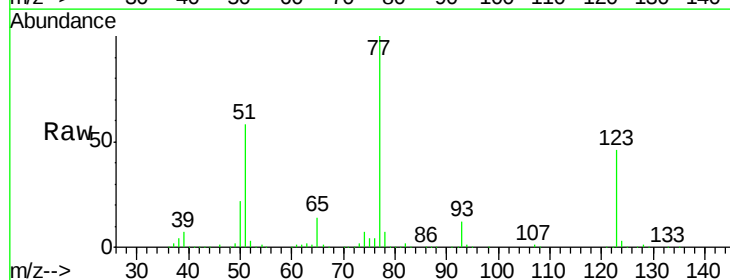
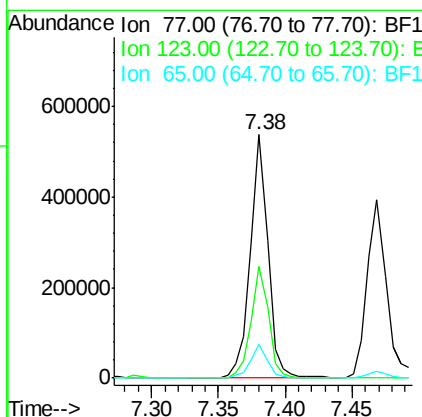
Manual Integrations
 APPROVED

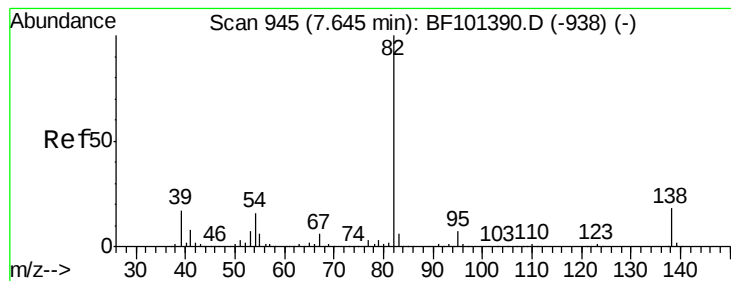
Sohil
 12/26/2017 1:37:40 PM



#24
 Nitrobenzene
 Concen: 43.118 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF101677.D
 Acq: 23 Dec 2017 3:13

Tgt Ion: 77 Resp: 485622
 Ion Ratio Lower Upper
 77 100
 123 46.0 37.9 56.9
 65 14.0 11.0 16.4





#25

Isophorone

Concen: 44.326 ng

RT: 7.62 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF101677.D

Acq: 23 Dec 2017 3:13

Instrument :

BNA_F

ClientSampleId :

PB105250BS

Tgt Ion: 82 Resp: 904882

Ion Ratio Lower Upper

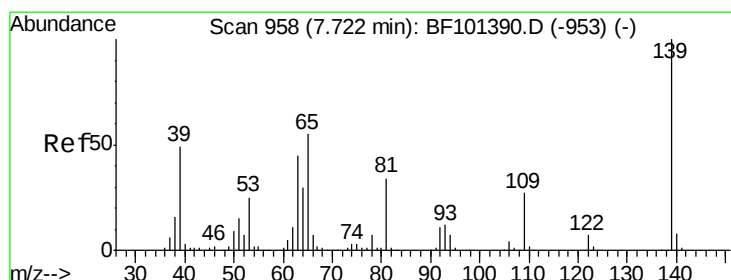
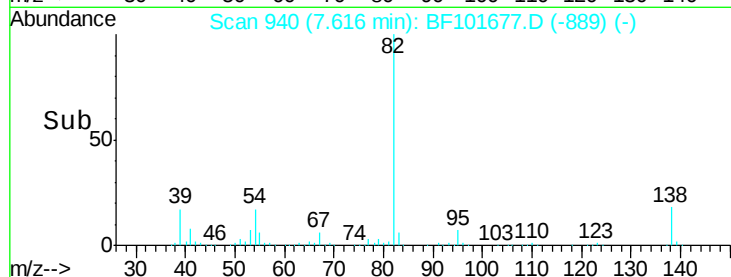
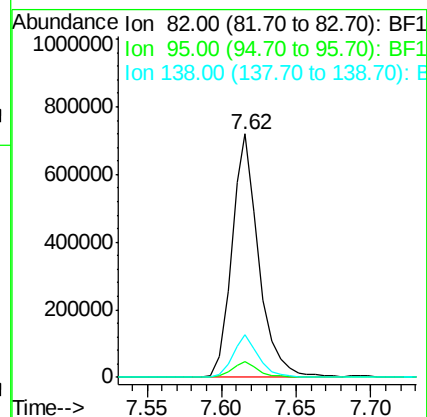
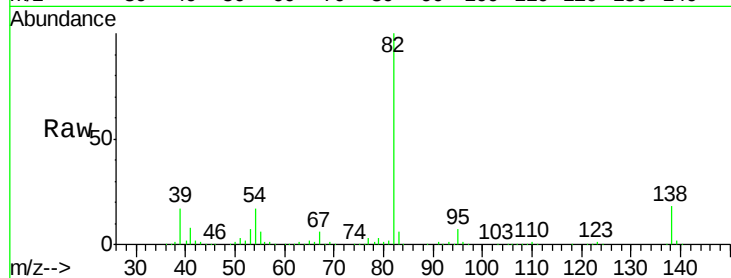
82 100

95 6.6 5.2 7.8

138 17.6 14.9 22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 48.767 ng

RT: 7.69 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF101677.D

Acq: 23 Dec 2017 3:13

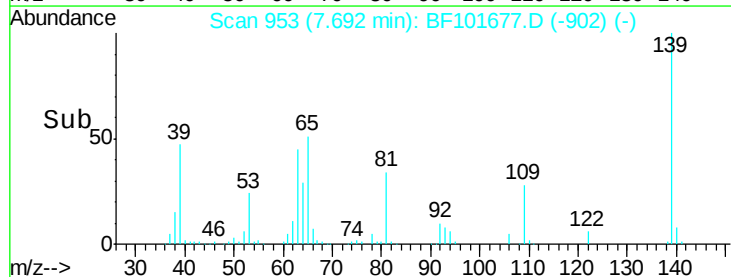
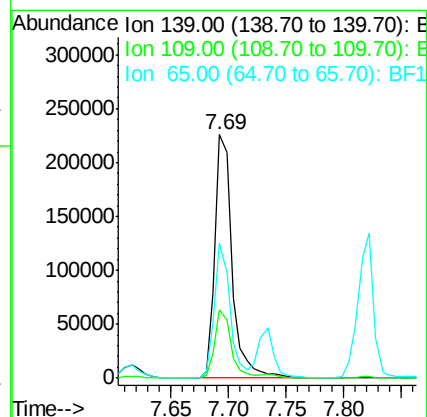
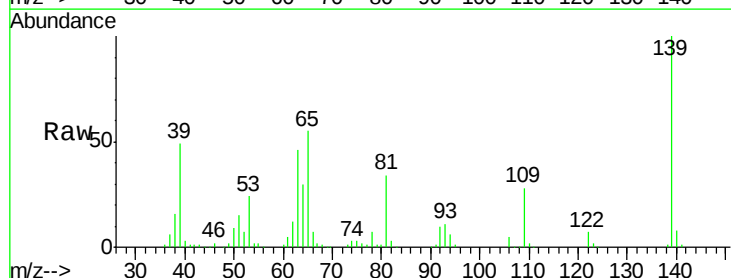
Tgt Ion: 139 Resp: 235963

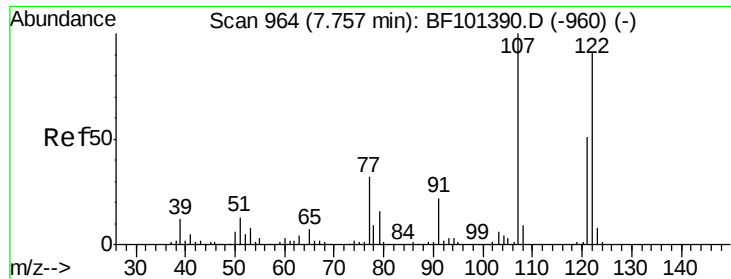
Ion Ratio Lower Upper

139 100

109 28.1 22.7 34.1

65 55.3 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 47.706 ng

RT: 7.73 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF101677.D

Acq: 23 Dec 2017 3:13

Instrument :

BNA_F

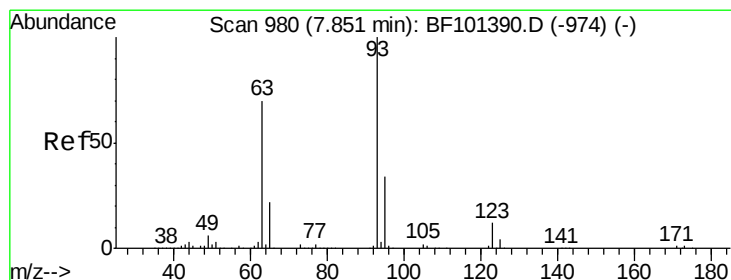
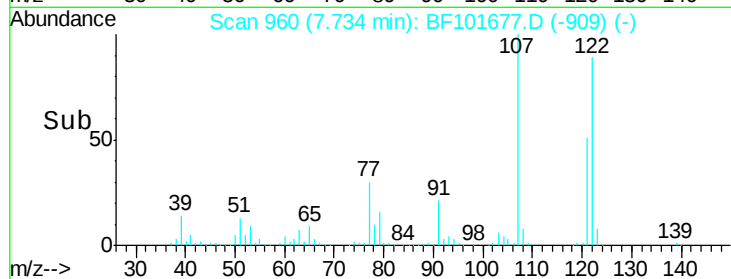
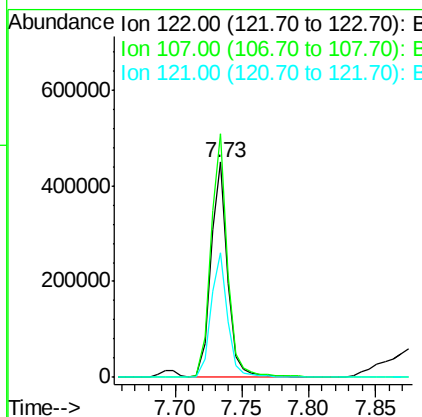
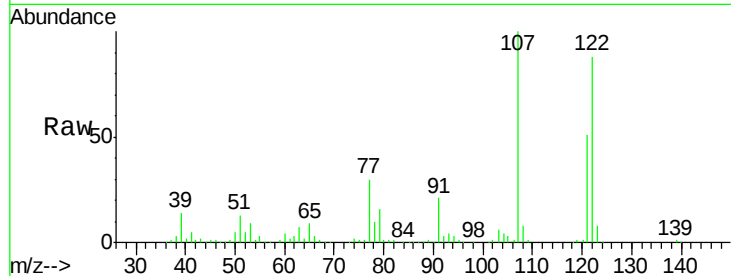
ClientSampleId :

PB105250BS

Tgt Ion:	122	Resp:	392147
Ion Ratio	Lower	Upper	
122	100		
107	113.1	91.2	136.8
121	57.8	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 43.792 ng

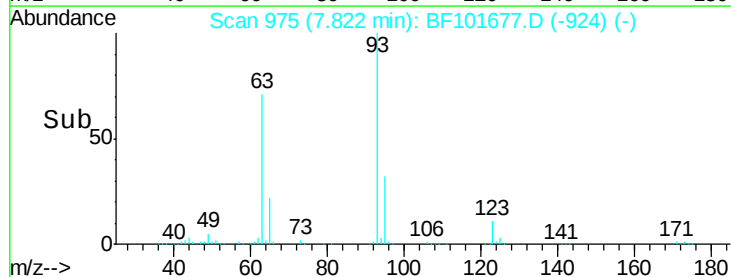
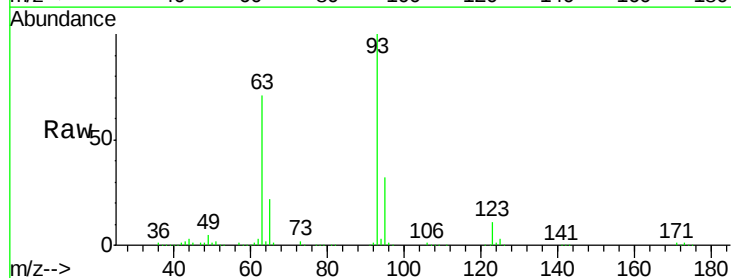
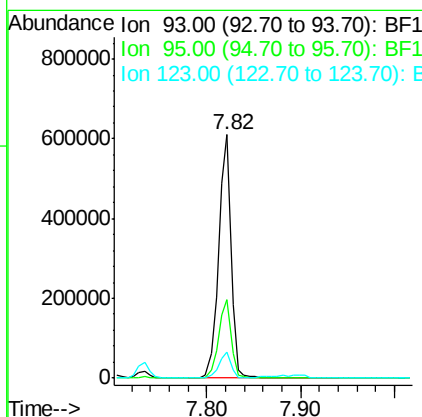
RT: 7.82 min Scan# 975

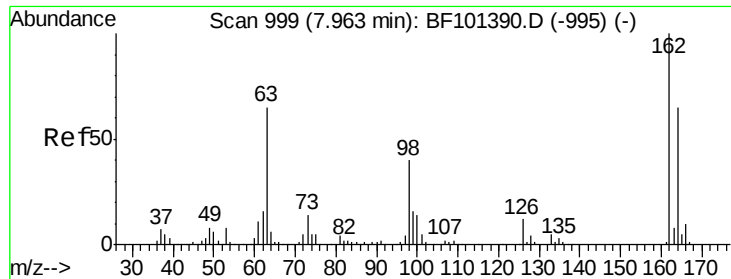
Delta R.T. 0.00 min

Lab File: BF101677.D

Acq: 23 Dec 2017 3:13

Tgt Ion:	93	Resp:	567875
Ion Ratio	Lower	Upper	
93	100		
95	32.3	26.3	39.5
123	10.9	9.8	14.6





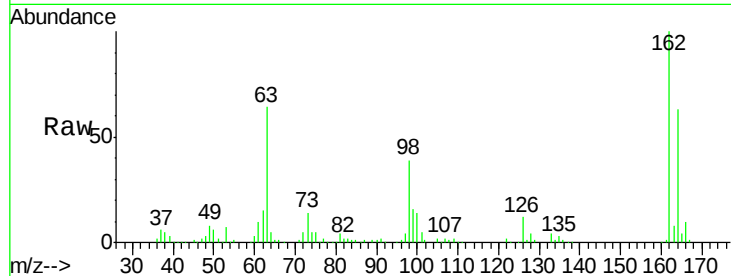
#29
2,4-Dichlorophenol
Concen: 46.907 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF101677.D
Acq: 23 Dec 2017 3:13

Instrument :
BNA_F
ClientSampleId :
PB105250BS

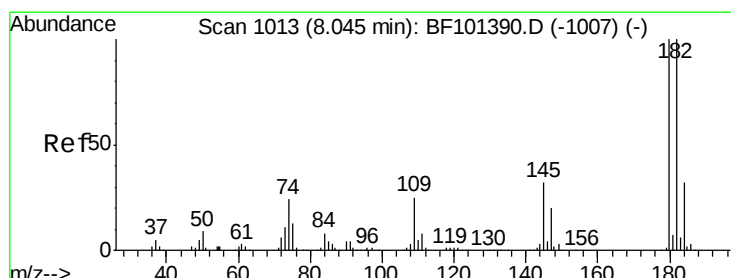
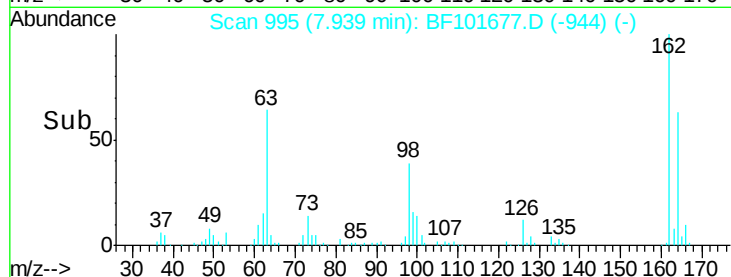
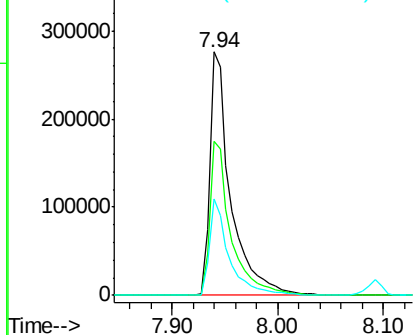
Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.2	42.7	82.7
98	39.3	18.1	58.1

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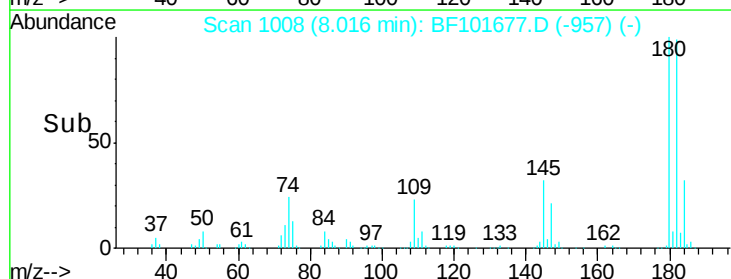
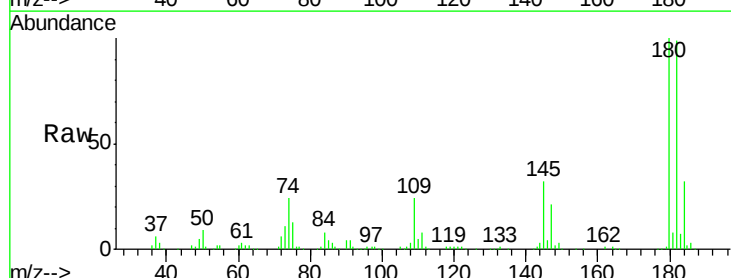
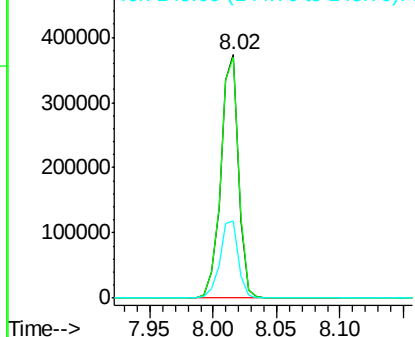
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

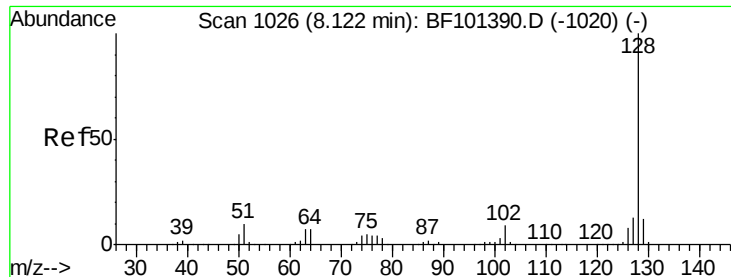


#30
1,2,4-Trichlorobenzene
Concen: 42.535 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF101677.D
Acq: 23 Dec 2017 3:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	99.2	76.8	115.2
145	31.7	26.5	39.7

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





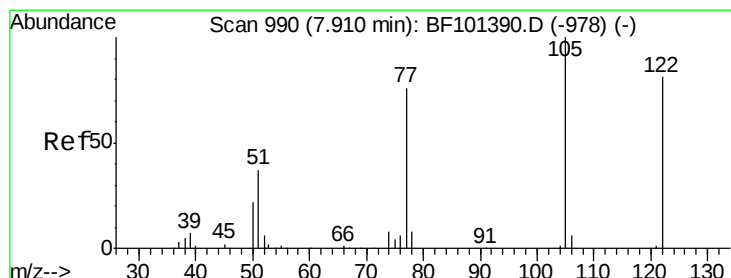
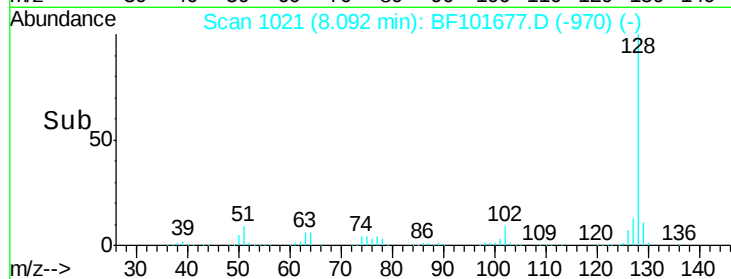
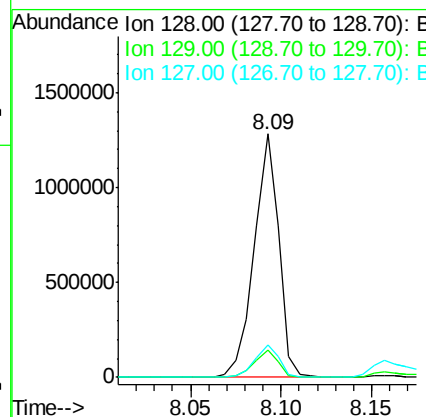
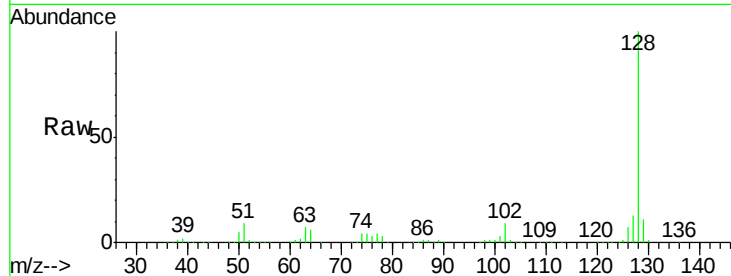
#31
Naphthalene
Concen: 42.521 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF101677.D
Acq: 23 Dec 2017 3:13

Instrument :
BNA_F
ClientSampleId :
PB105250BS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	13.4	10.9	16.3

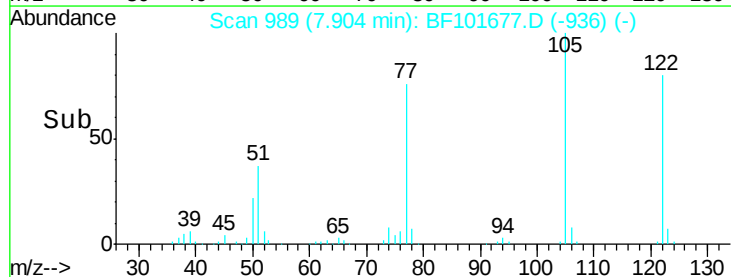
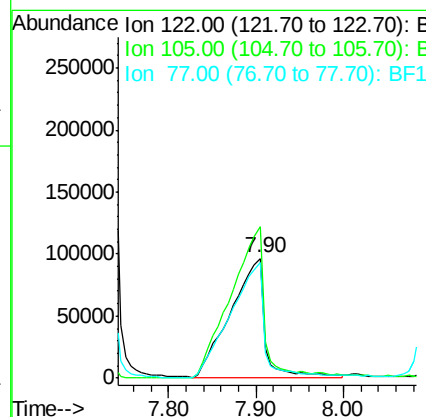
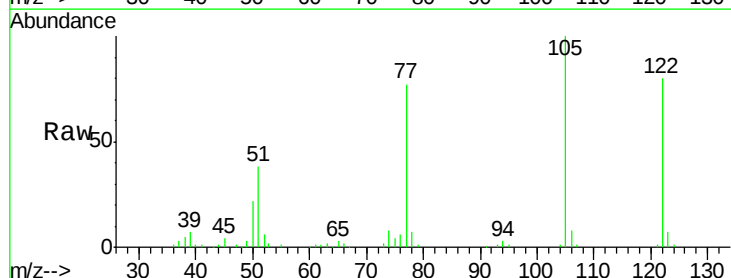
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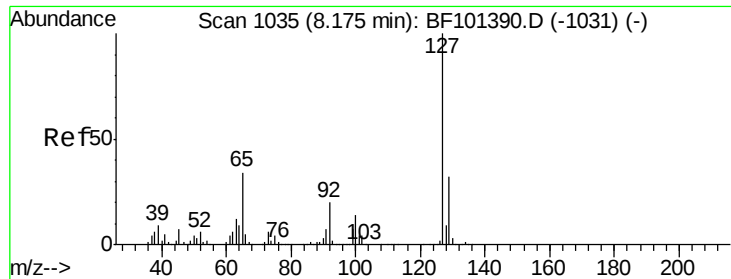
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#32
Benzoic acid
Concen: 46.290 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.01 min
Lab File: BF101677.D
Acq: 23 Dec 2017 3:13

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.7	101.1	141.1
77	96.3	70.7	110.7





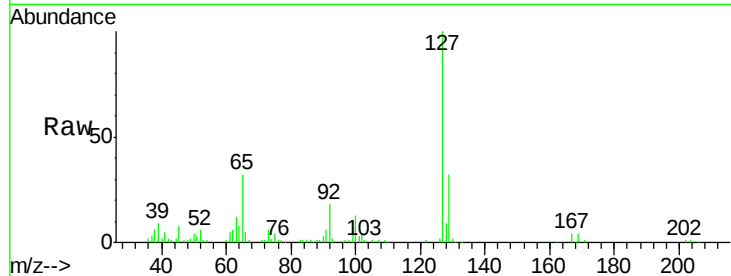
#33
4-Chloroaniline
Concen: 13.230 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BF101677.D
Acq: 23 Dec 2017 3:13

Instrument :
BNA_F
ClientSampleId :
PB105250BS

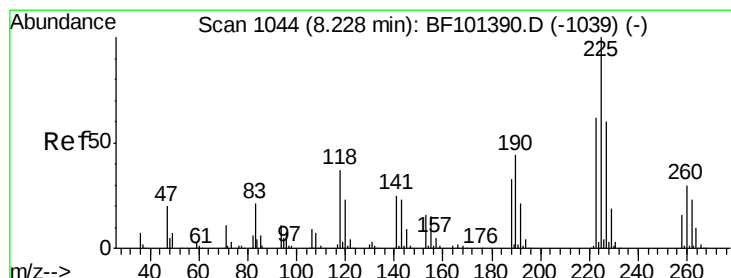
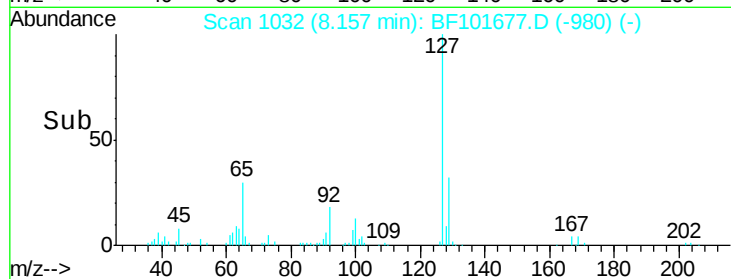
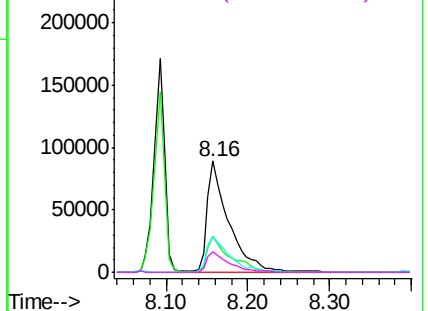
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	163988		
129	31.8	25.9	38.9	
65	32.4	25.0	37.4	
92	18.2	15.2	22.8	

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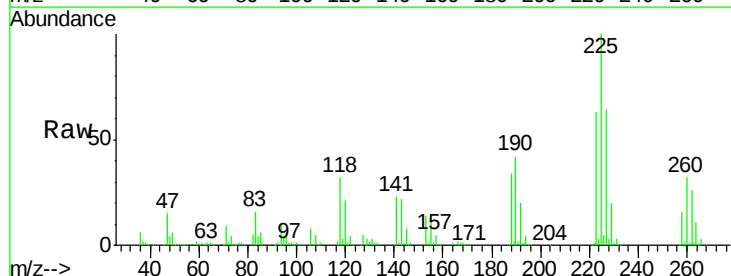


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

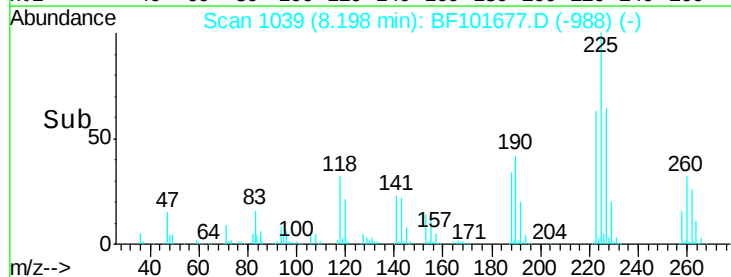
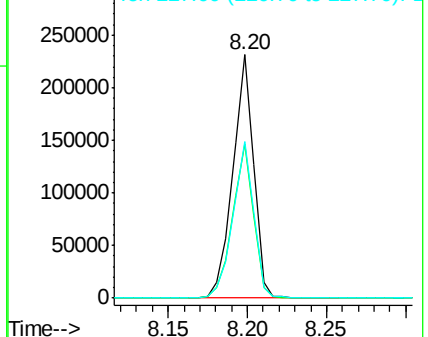


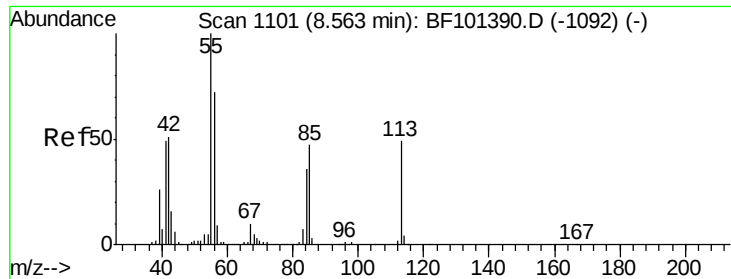
#34
Hexachlorobutadiene
Concen: 42.732 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF101677.D
Acq: 23 Dec 2017 3:13

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	211812		
223	63.3	50.6	76.0	
227	64.3	51.9	77.9	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





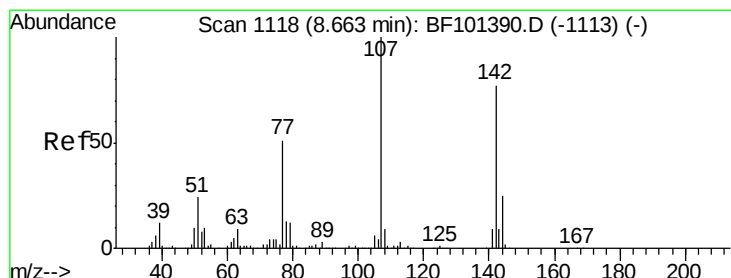
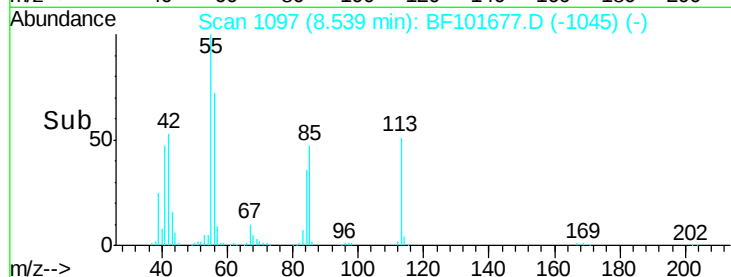
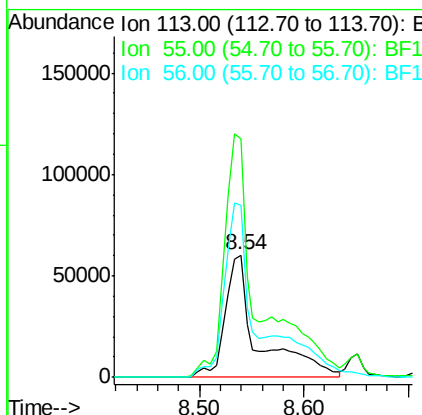
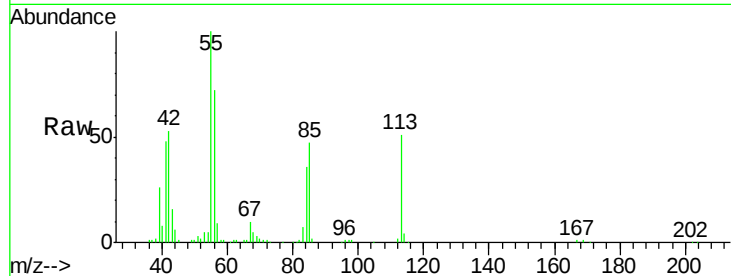
#35
 Caprolactam
 Concen: 46.760 ng m
 RT: 8.54 min Scan# 1097
 Delta R.T. 0.01 min
 Lab File: BF101677.D
 Acq: 23 Dec 2017 3:13

Instrument :
 BNA_F
 ClientSampleId :
 PB105250BS

Tgt Ion:113 Resp: 131858
 Ion Ratio Lower Upper
 113 100
 55 195.3 163.3 203.3
 56 140.5 115.7 155.7

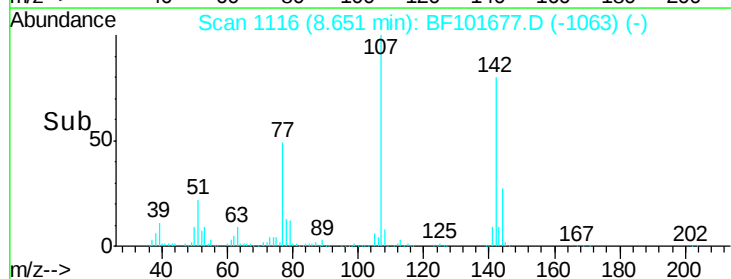
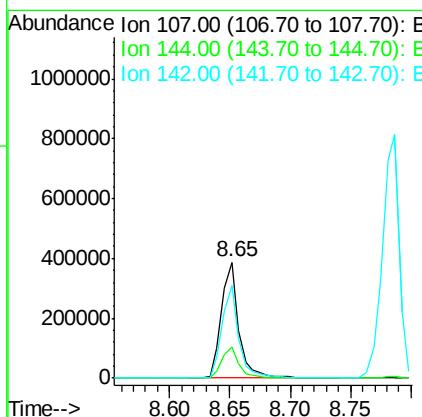
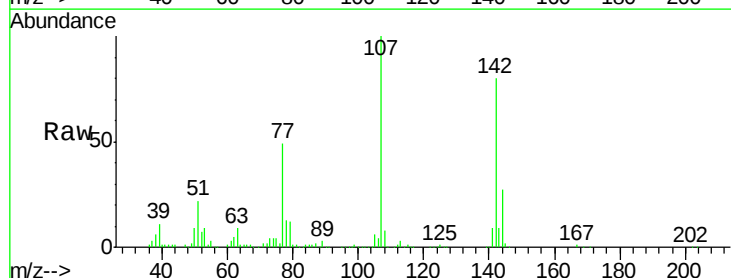
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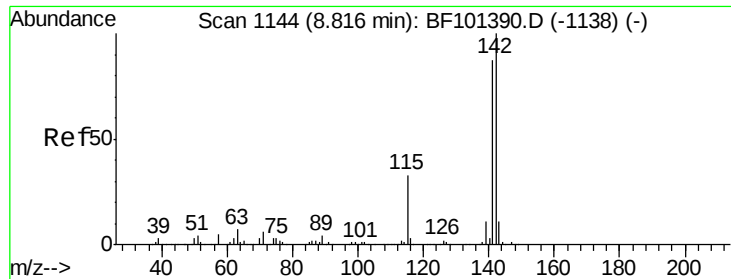
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#36
 4-Chloro-3-methylphenol
 Concen: 43.326 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. 0.01 min
 Lab File: BF101677.D
 Acq: 23 Dec 2017 3:13

Tgt Ion:107 Resp: 386725
 Ion Ratio Lower Upper
 107 100
 144 27.0 20.5 30.7
 142 79.9 62.0 93.0





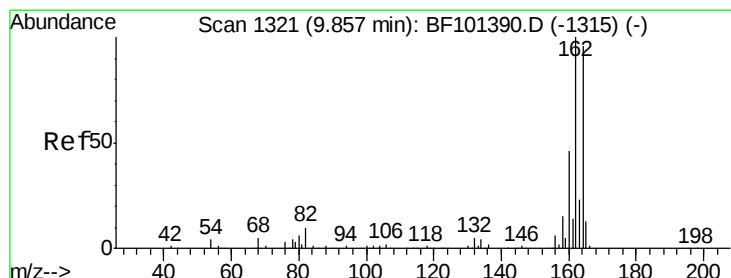
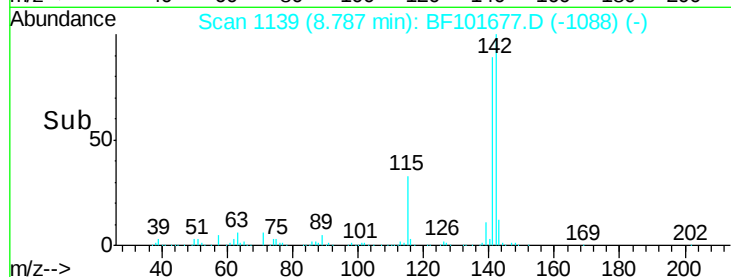
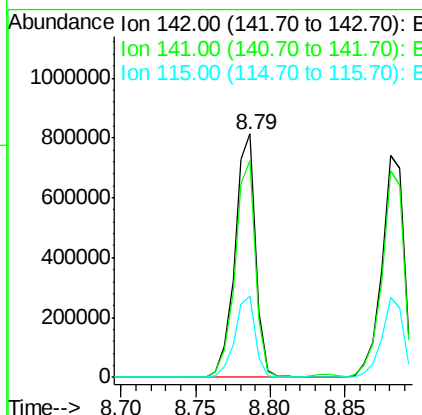
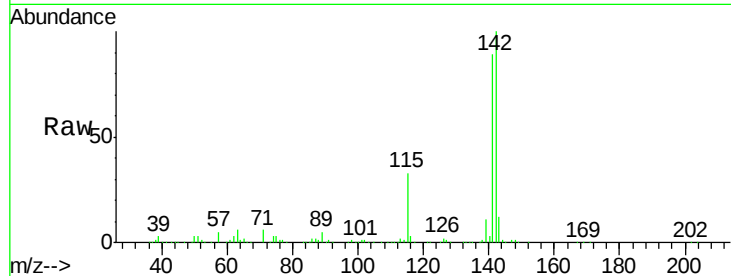
#37
2-Methylnaphthalene
Concen: 42.620 ng
RT: 8.79 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BF101677.D
Acq: 23 Dec 2017 3:13

Instrument :
BNA_F
ClientSampleID :
PB105250BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	791881		
141	89.1	70.8	106.2	
115	33.3	26.1	39.1	

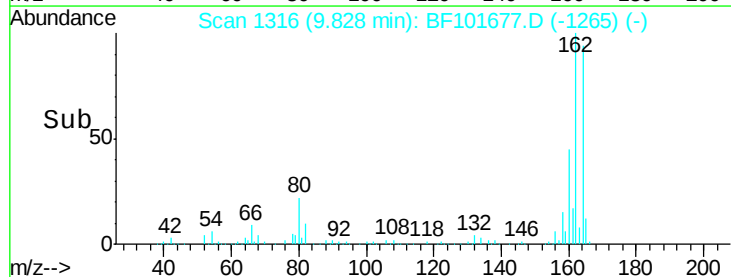
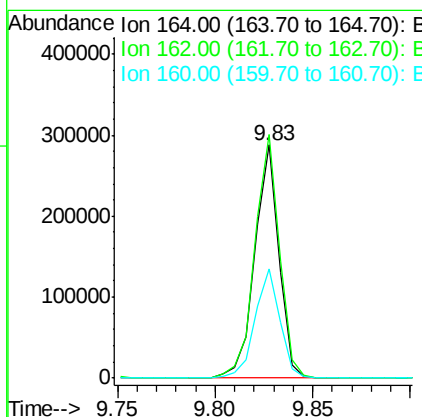
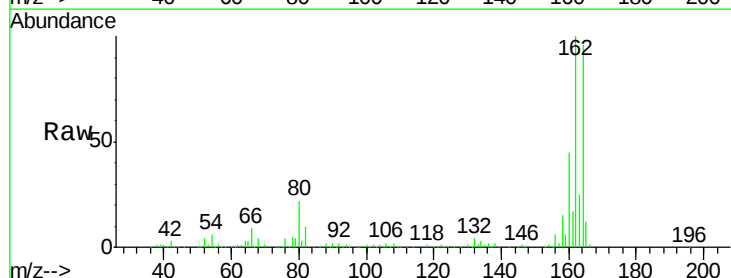
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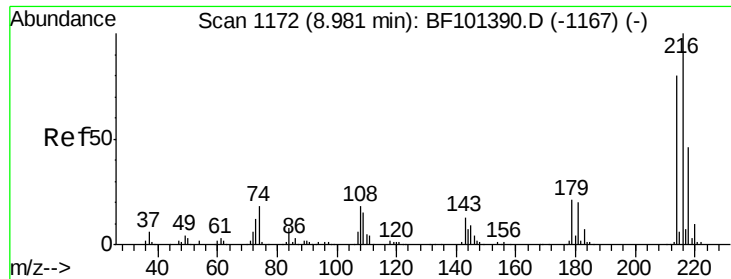
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BF101677.D
Acq: 23 Dec 2017 3:13

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	245286		
162	104.5	86.1	129.1	
160	46.8	38.3	57.5	





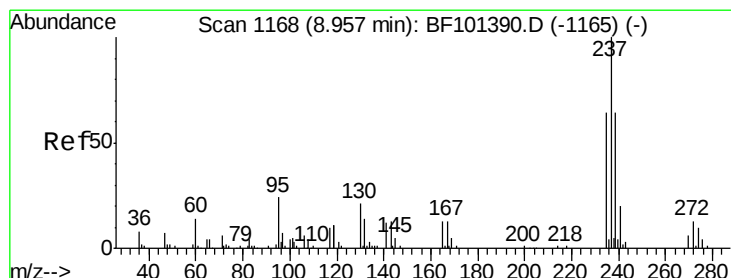
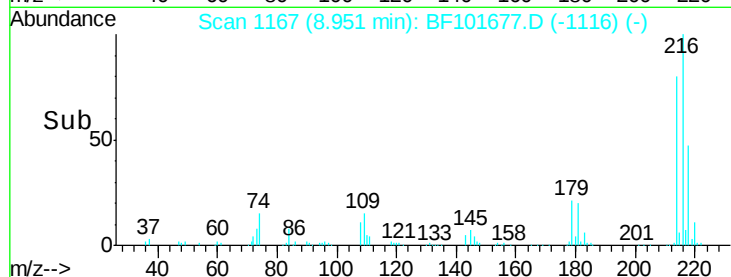
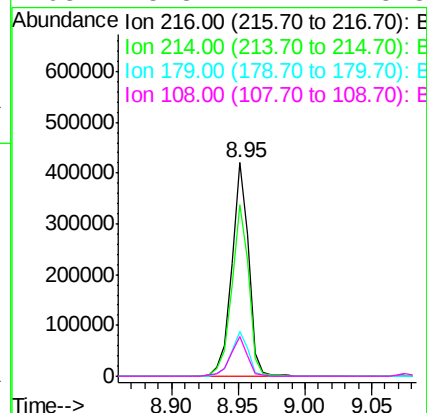
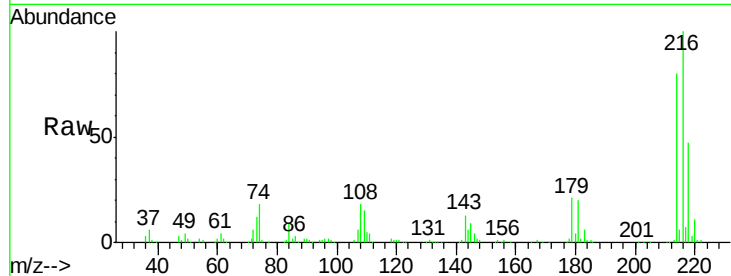
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.474 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF101677.D
 Acq: 23 Dec 2017 3:13

Instrument :
 BNA_F
 ClientSampleId :
 PB105250BS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	376594		
214	80.8	63.0	94.4	
179	20.9	18.1	27.1	
108	18.3	17.2	25.8	

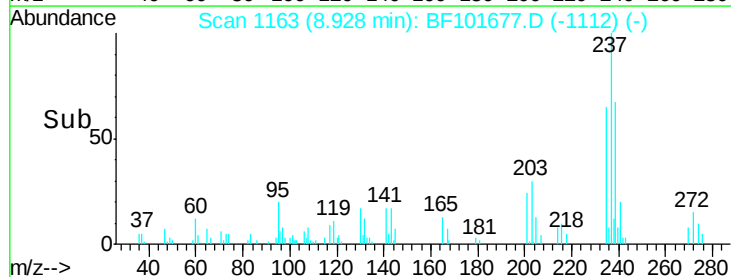
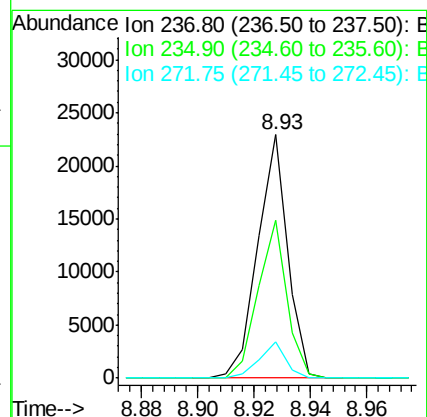
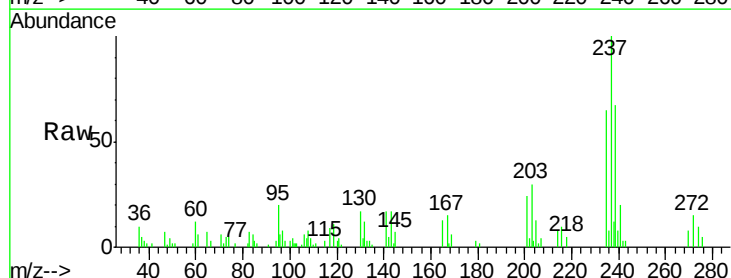
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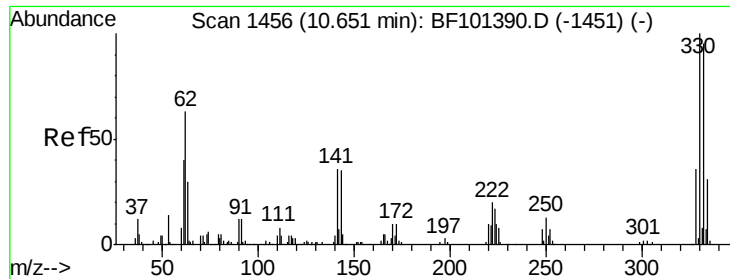
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#40
 Hexachlorocyclopentadiene
 Concen: 23.886 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF101677.D
 Acq: 23 Dec 2017 3:13

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	16864		
235	64.6	44.8	84.8	
272	15.1	0.0	33.3	





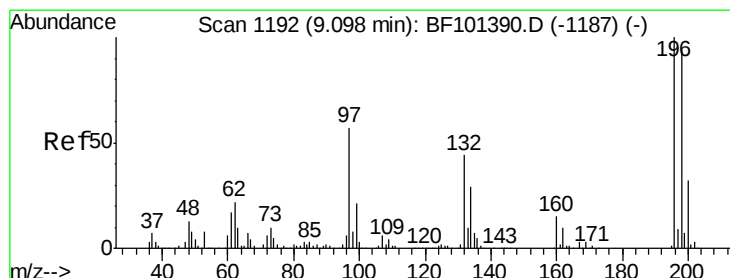
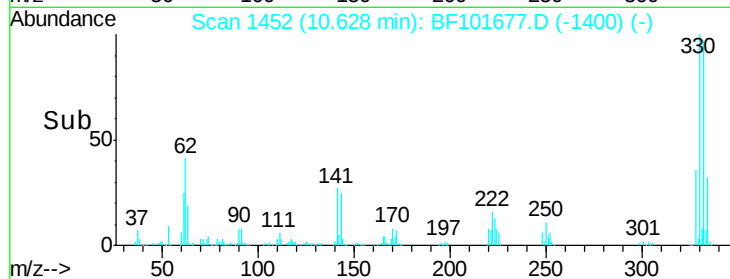
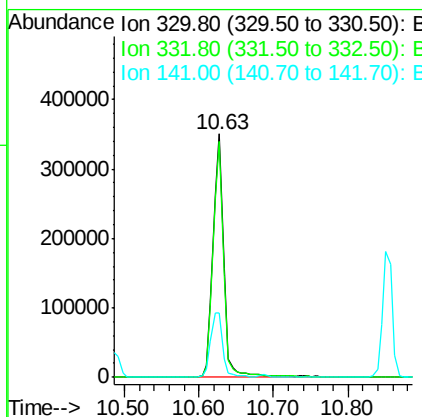
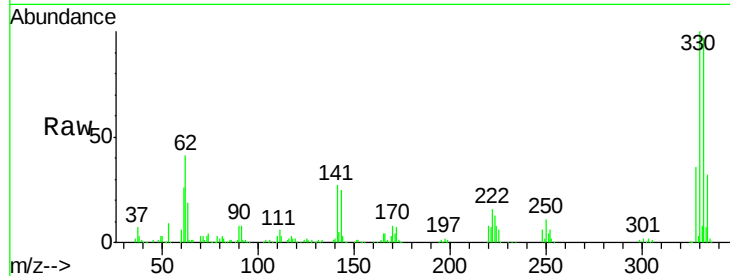
#41
 2,4,6-Tribromophenol
 Concen: 149.294 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.01 min
 Lab File: BF101677.D
 Acq: 23 Dec 2017 3:13

Instrument :
 BNA_F
 ClientSampleId :
 PB105250BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	352860		
332	95.4	77.0	115.6	
141	30.0	29.9	44.9	

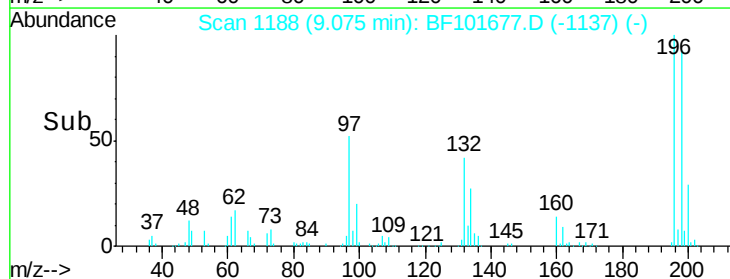
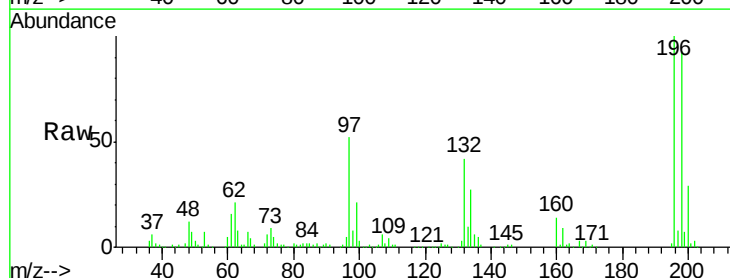
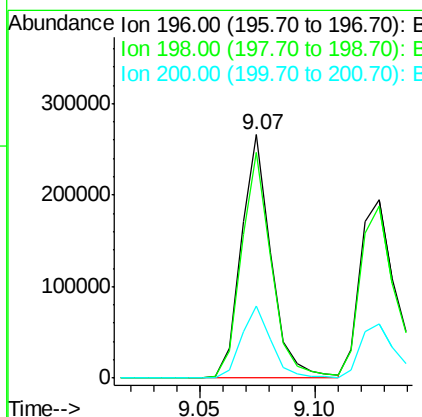
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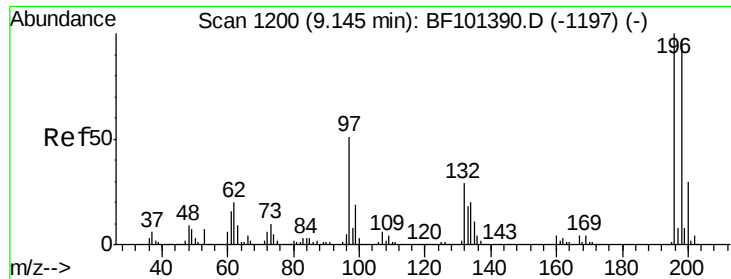
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 48.173 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF101677.D
 Acq: 23 Dec 2017 3:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	240175		
198	92.8	75.7	113.5	
200	29.4	24.5	36.7	





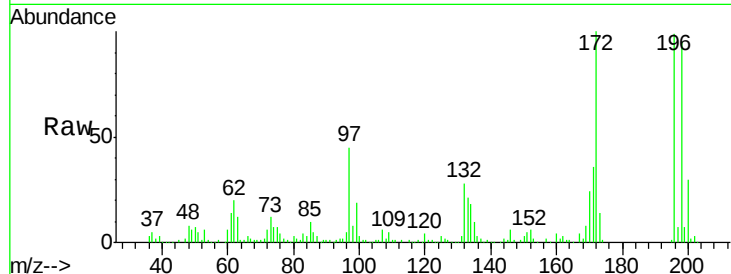
#43
 2,4,5-Trichlorophenol
 Concen: 42.567 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.01 min
 Lab File: BF101677.D
 Acq: 23 Dec 2017 3:13

Instrument :
 BNA_F
 ClientSampleId :
 PB105250BS

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
196	100		232374		
198	96.4	74.6	112.0		
97	46.1	42.9	64.3		
132	27.9	26.3	39.5		

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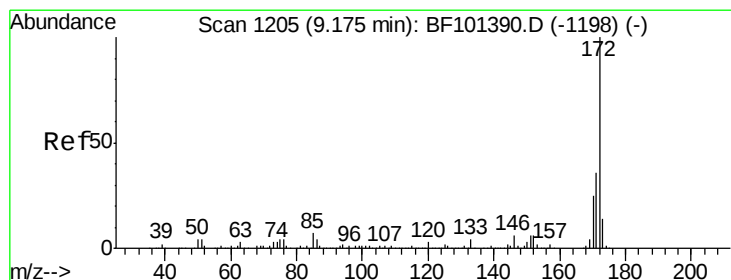
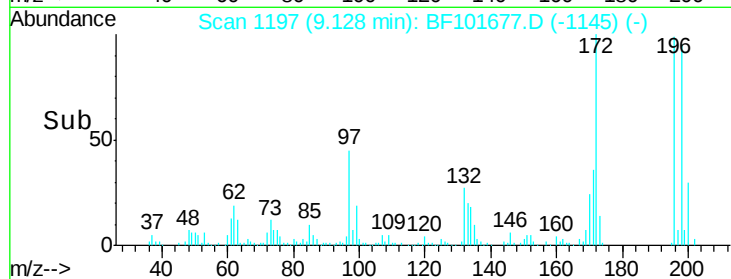
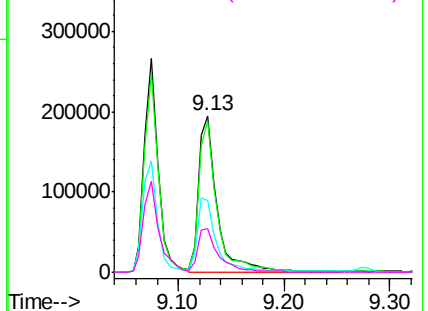
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 104.614 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF101677.D
 Acq: 23 Dec 2017 3:13

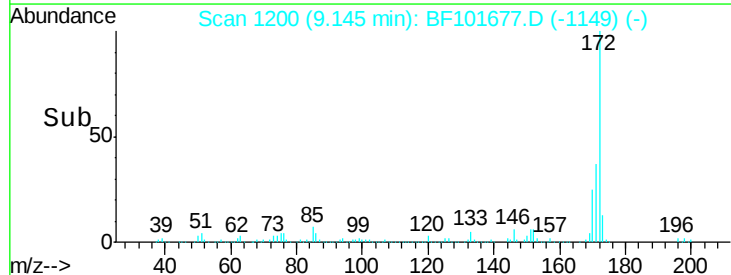
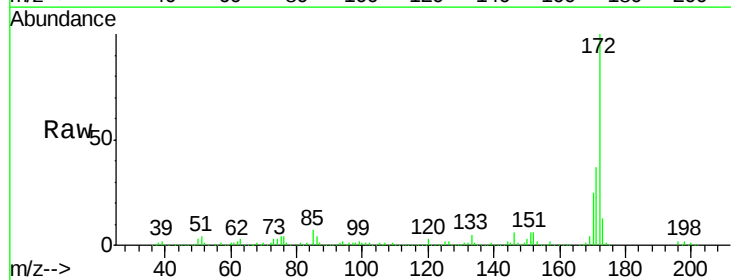
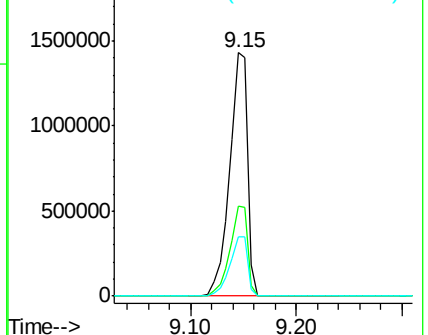
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1654179		
171	36.7	29.7	44.5		
170	24.5	19.6	29.4		

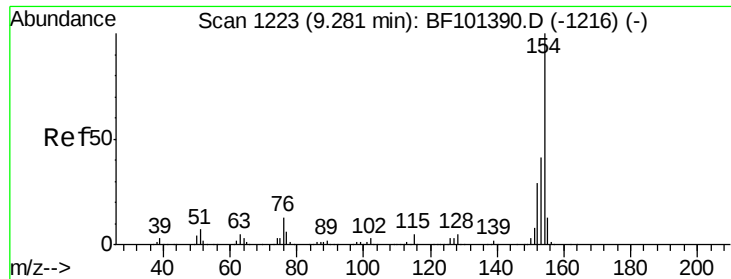
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





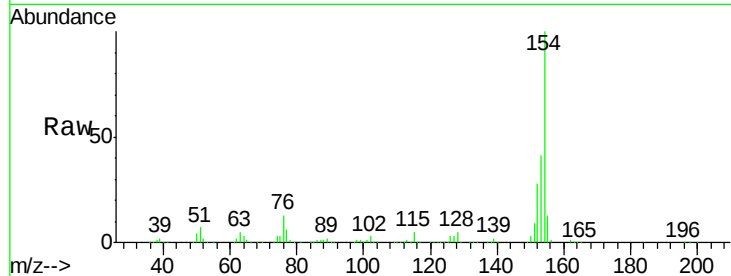
#45
 1,1'-Biphenyl
 Concen: 44.546 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. 0.00 min
 Lab File: BF101677.D
 Acq: 23 Dec 2017 3:13

Instrument :
 BNA_F
 ClientSampleId :
 PB105250BS

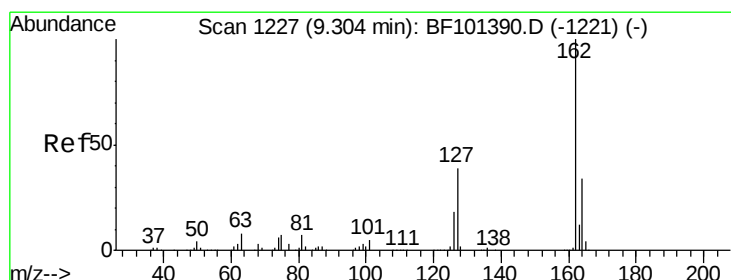
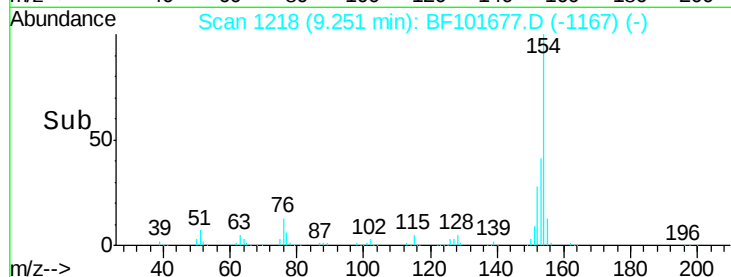
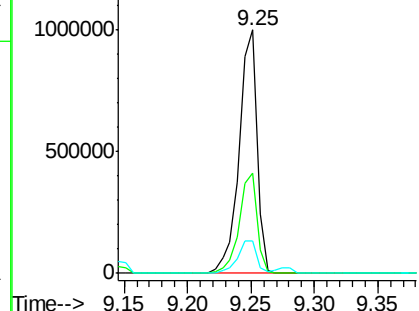
Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	41.1	21.3	61.3
76	13.4	0.0	34.0

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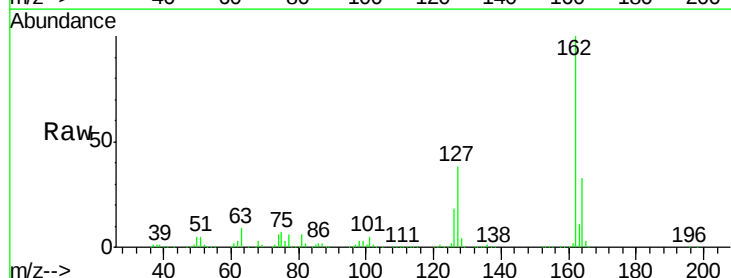


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

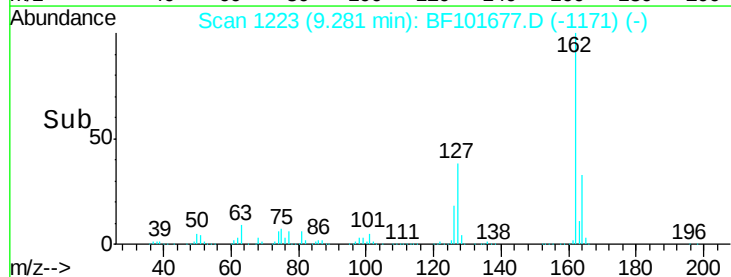
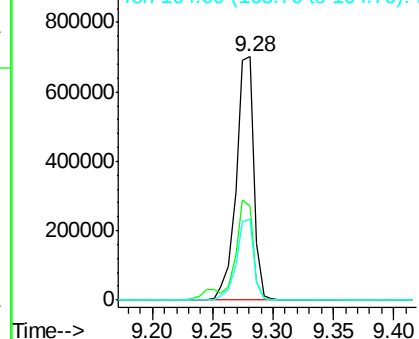


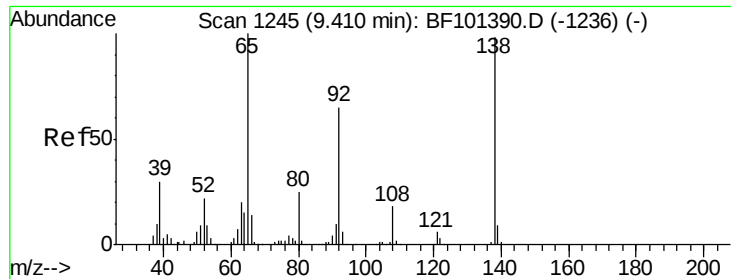
#46
 2-Chloronaphthalene
 Concen: 43.123 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.01 min
 Lab File: BF101677.D
 Acq: 23 Dec 2017 3:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	38.3	33.9	50.9
164	33.3	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





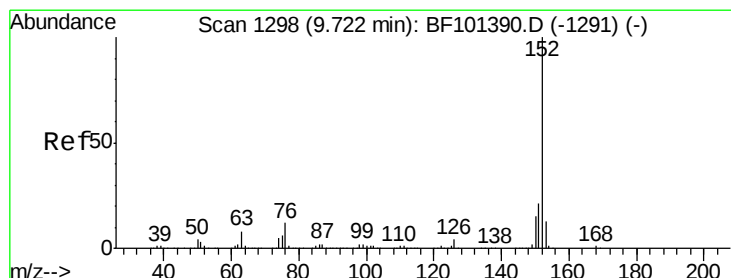
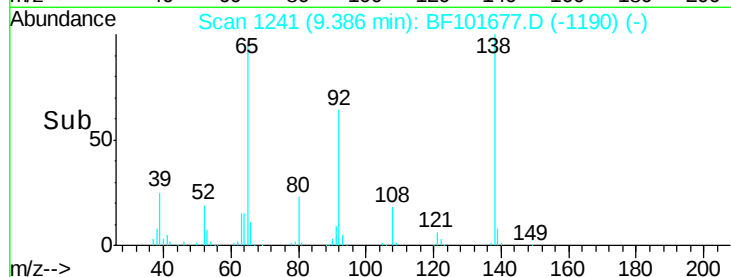
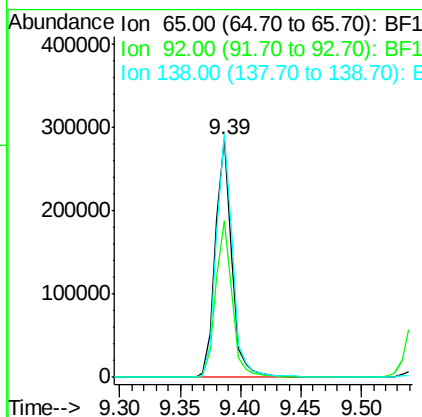
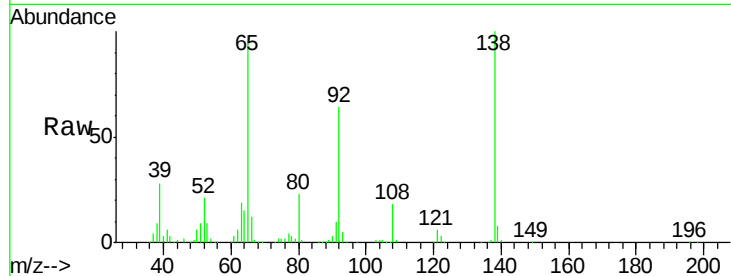
#47
2-Nitroaniline
Concen: 45.939 ng
RT: 9.39 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BF101677.D
Acq: 23 Dec 2017 3:13

Instrument :
BNA_F
ClientSampleId :
PB105250BS

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	264146		
92	65.8	55.8	83.6	
138	102.4	91.2	136.8	

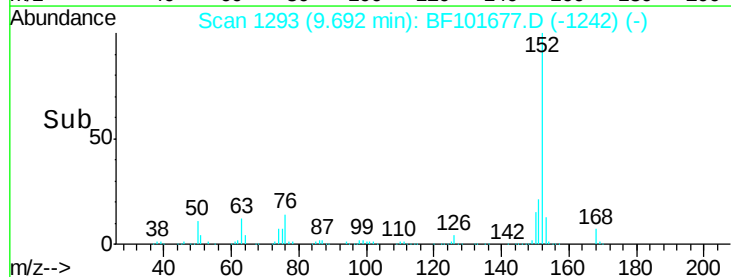
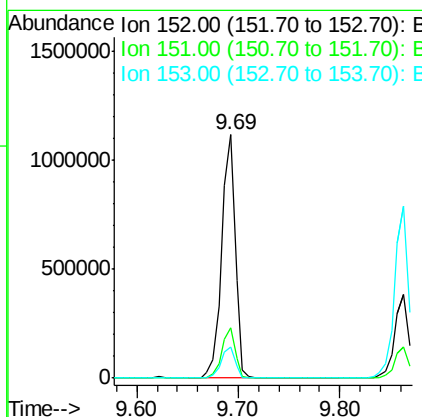
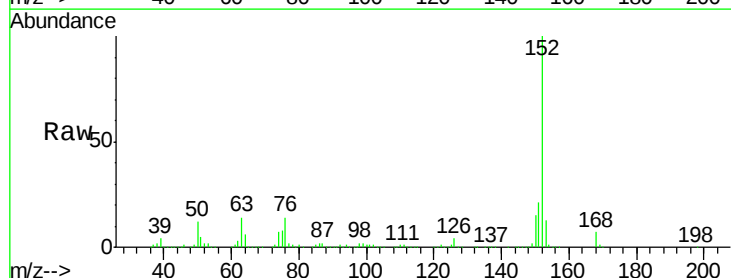
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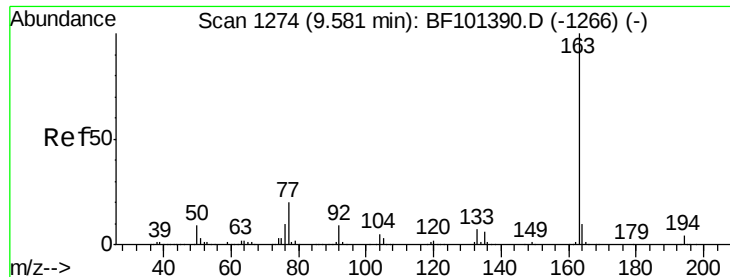
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#48
Acenaphthylene
Concen: 39.724 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BF101677.D
Acq: 23 Dec 2017 3:13

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1044322		
151	20.6	16.3	24.5	
153	13.0	10.7	16.1	





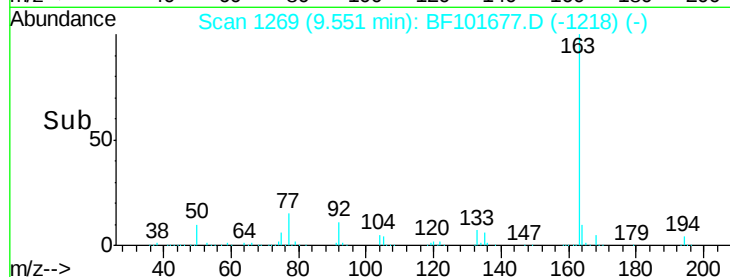
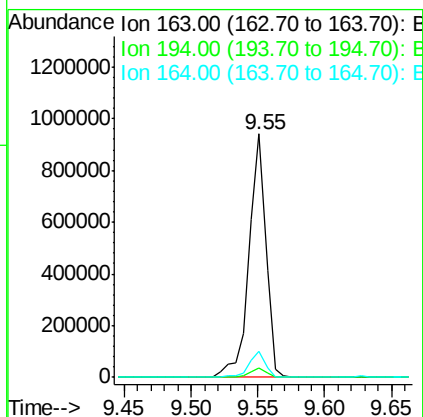
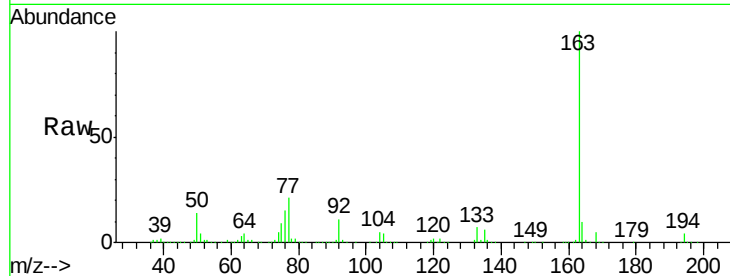
#49
Dimethylphthalate
Concen: 41.474 ng
RT: 9.55 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BF101677.D
Acq: 23 Dec 2017 3:13

Instrument :
BNA_F
ClientSampleId :
PB105250BS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	818266		
194	3.8	2.7	4.1	
164	10.5	8.2	12.2	

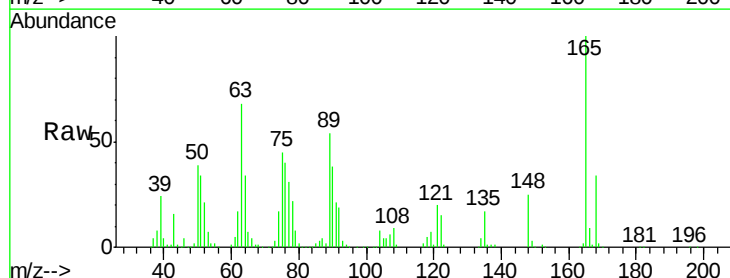
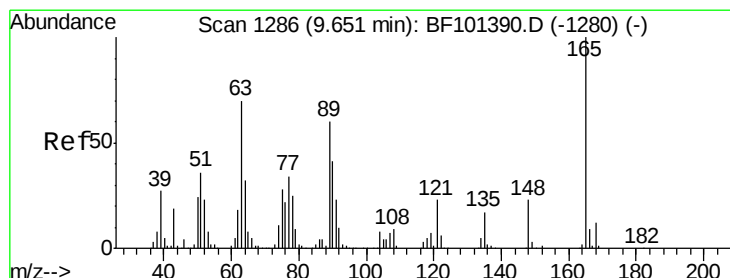
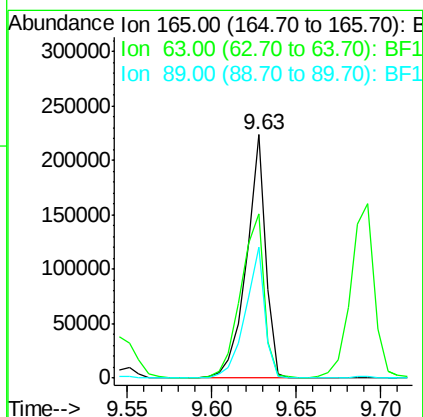
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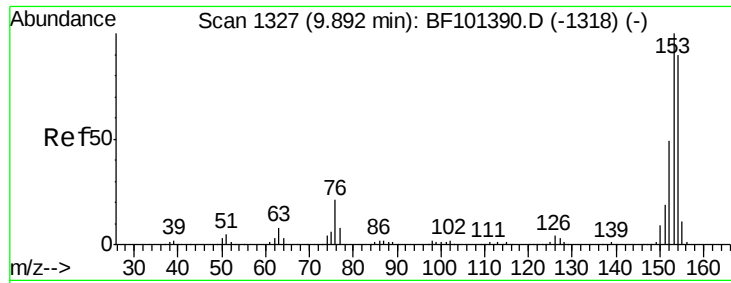
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#50
2,6-Dinitrotoluene
Concen: 44.635 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BF101677.D
Acq: 23 Dec 2017 3:13

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	178985		
63	67.7	44.7	67.1#	
89	53.9	44.0	66.0	





#51

Acenaphthene

Concen: 40.782 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF101677.D

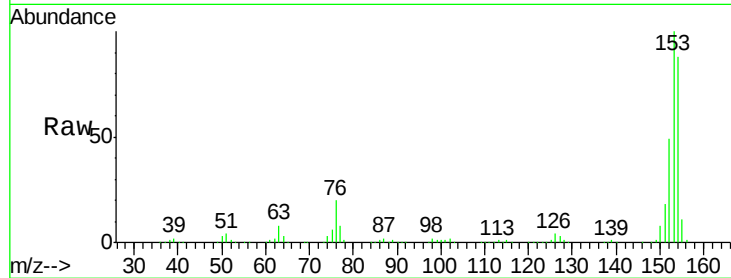
Acq: 23 Dec 2017 3:13

Instrument :

BNA_F

ClientSampleId :

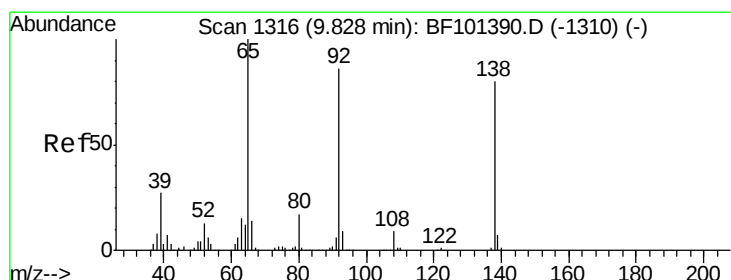
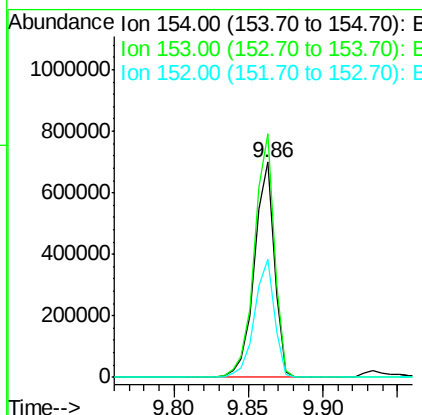
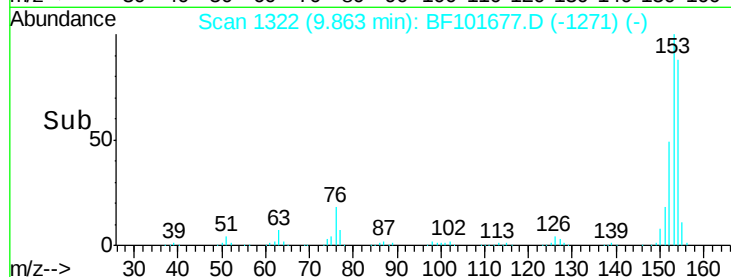
PB105250BS



Tgt Ion:	154	Resp:	644137
Ion Ratio	Lower	Upper	
154	100		
153	113.2	91.2	136.8
152	55.1	43.8	65.8

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#52

3-Nitroaniline

Concen: 27.696 ng

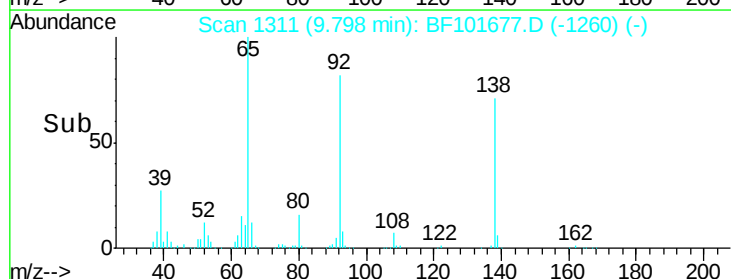
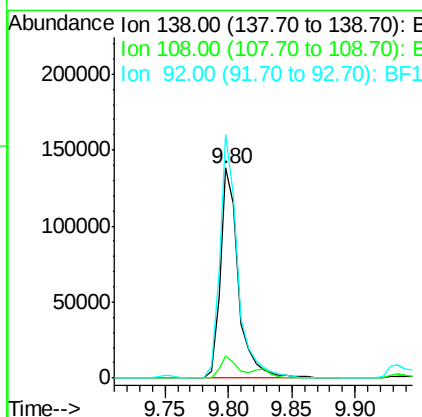
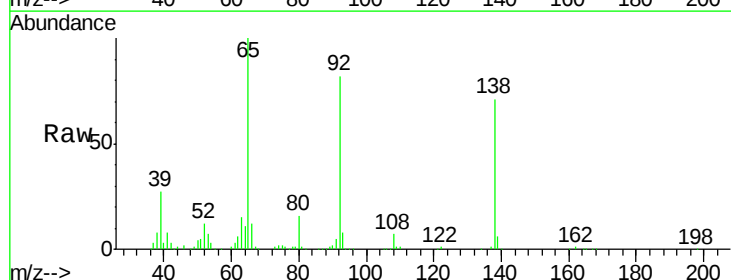
RT: 9.80 min Scan# 1311

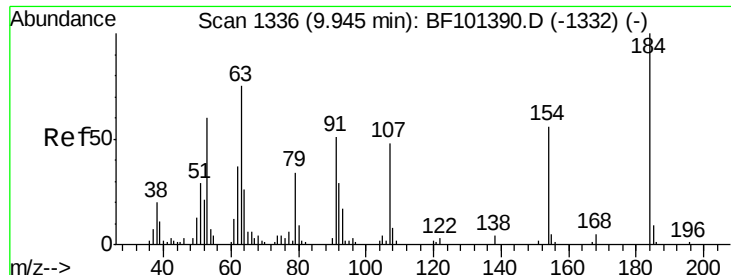
Delta R.T. 0.00 min

Lab File: BF101677.D

Acq: 23 Dec 2017 3:13

Tgt Ion:	138	Resp:	138462
Ion Ratio	Lower	Upper	
138	100		
108	10.4	9.4	14.0
92	116.0	89.4	134.2





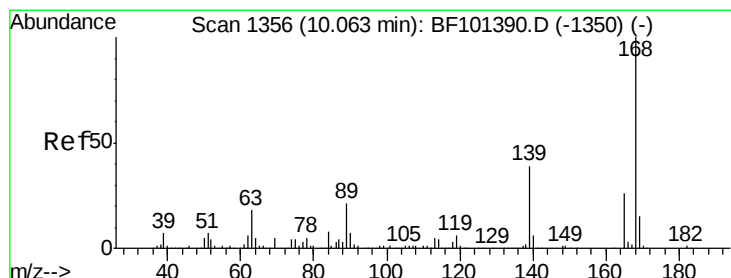
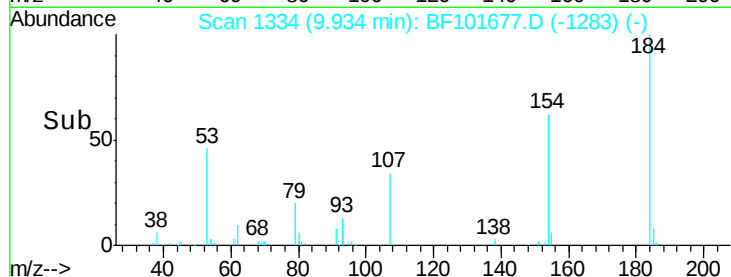
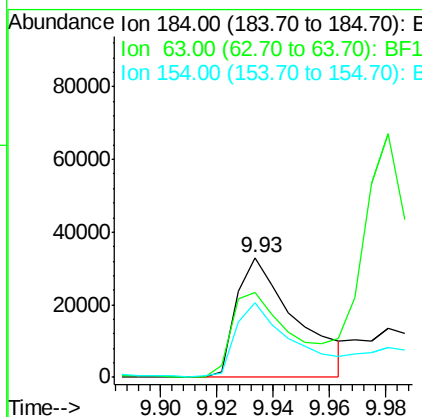
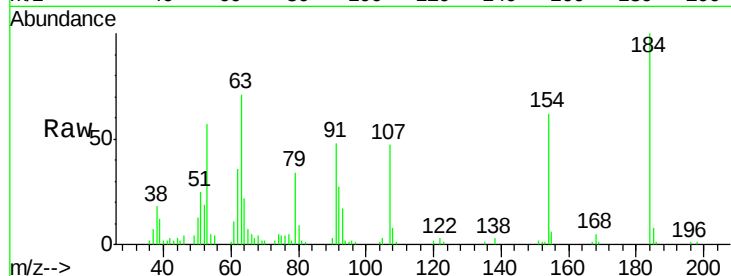
#53
2,4-Dinitrophenol
Concen: 40.538 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF101677.D
Acq: 23 Dec 2017 3:13

Instrument :
BNA_F
ClientSampleId :
PB105250BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	48454		
63	70.5	54.2	81.2	
154	61.8	184.0	276.0	

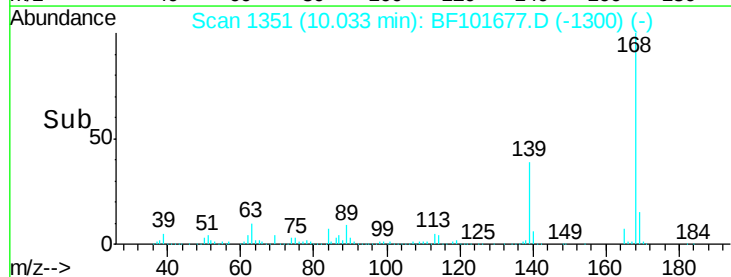
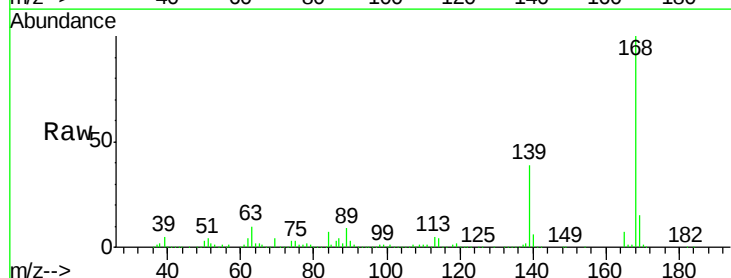
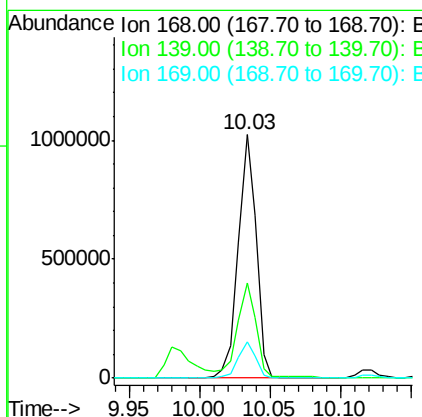
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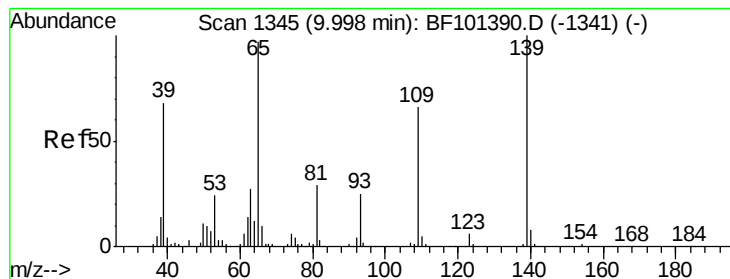
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#54
Dibenzofuran
Concen: 45.234 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF101677.D
Acq: 23 Dec 2017 3:13

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	907970		
139	39.2	30.1	45.1	
169	14.7	10.9	16.3	





#55

4-Nitrophenol

Concen: 79.295 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.00 min

Lab File: BF101677.D

Acq: 23 Dec 2017 3:13

Instrument :

BNA_F

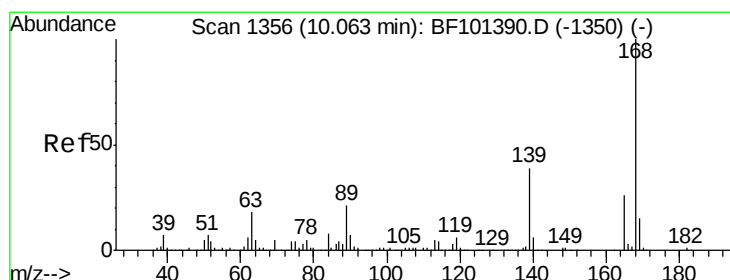
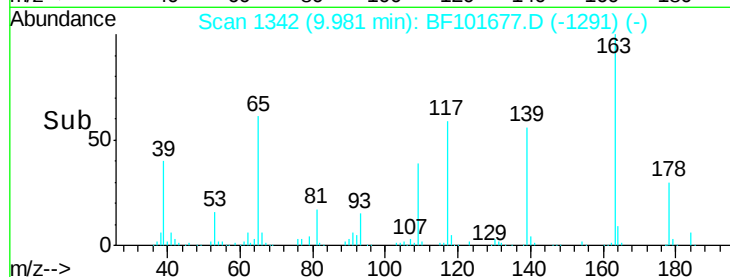
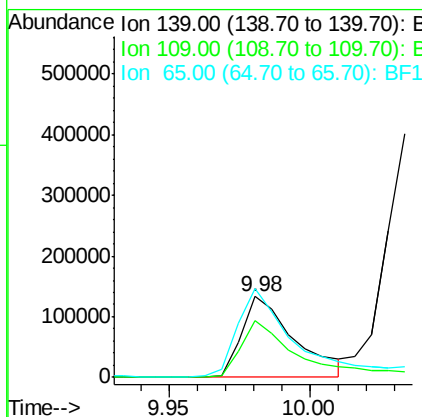
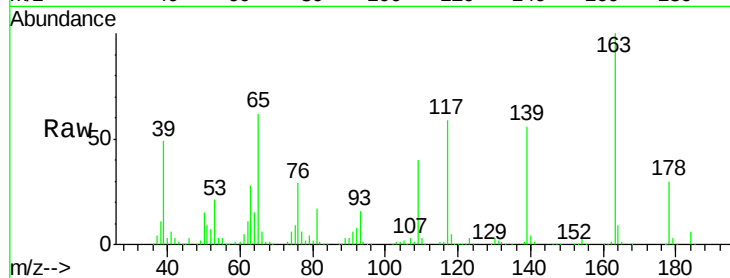
ClientSampled :

PB105250BS

Tgt Ion:	139	Resp:	172860
Ion Ratio	Lower	Upper	
139	100		
109	70.4	48.4	88.4
65	110.2	72.6	112.6

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#56

2,4-Dinitrotoluene

Concen: 49.137 ng

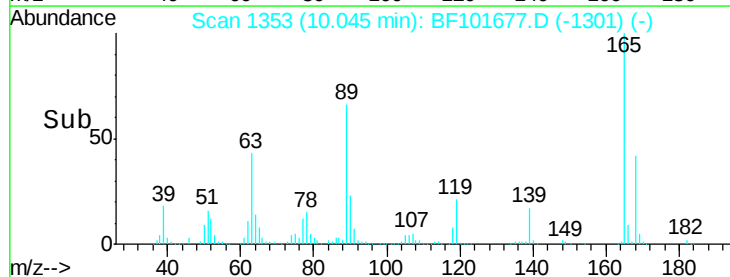
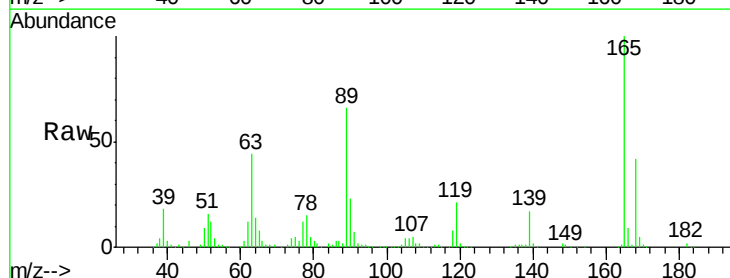
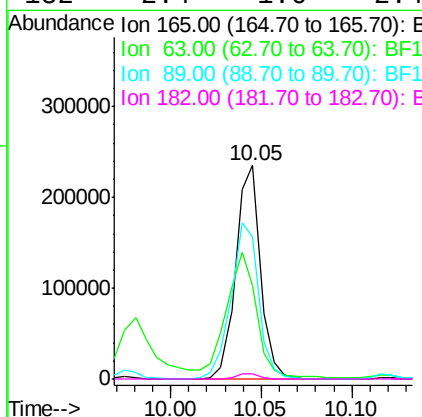
RT: 10.05 min Scan# 1353

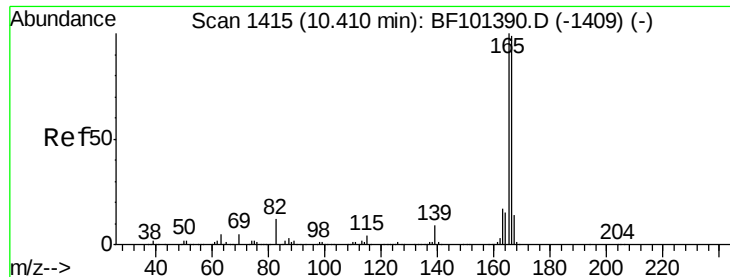
Delta R.T. 0.01 min

Lab File: BF101677.D

Acq: 23 Dec 2017 3:13

Tgt Ion:	165	Resp:	221995
Ion Ratio	Lower	Upper	
165	100		
63	43.6	36.4	54.6
89	66.3	57.8	86.6
182	2.4	1.6	2.4#





#57

Fluorene

Concen: 43.541 ng

RT: 10.38 min Scan# 1410

Delta R.T. 0.00 min

Lab File: BF101677.D

Acq: 23 Dec 2017 3:13

Instrument :

BNA_F

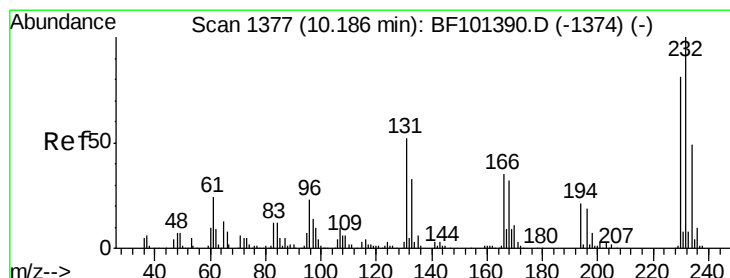
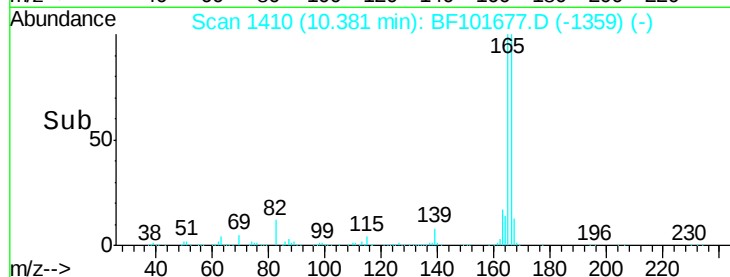
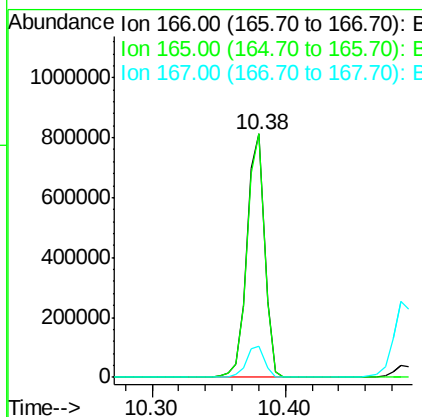
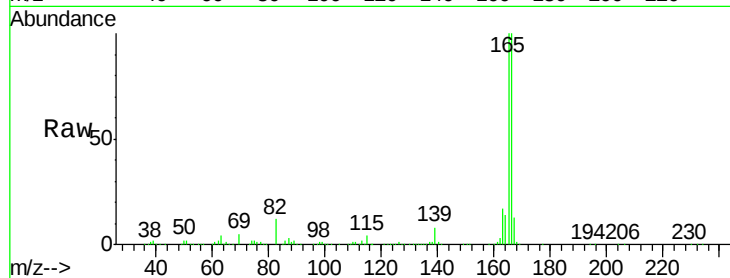
ClientSampled :

PB105250BS

Tgt Ion:	166	Resp:	739334
Ion Ratio	Lower	Upper	
166	100		
165	100.0	79.8	119.8
167	13.0	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 47.929 ng

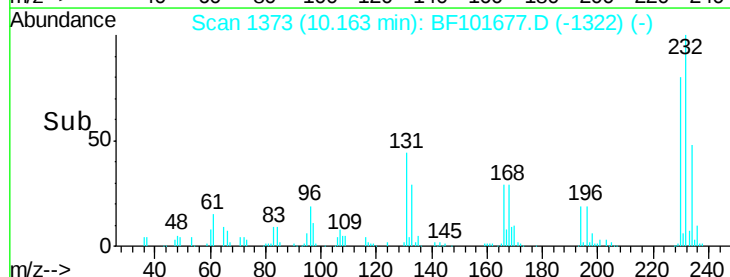
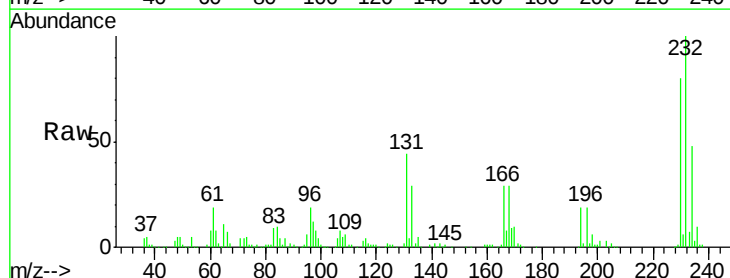
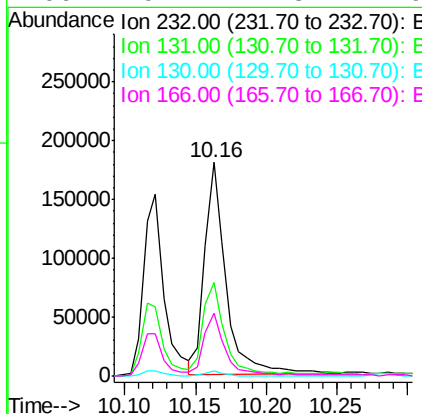
RT: 10.16 min Scan# 1373

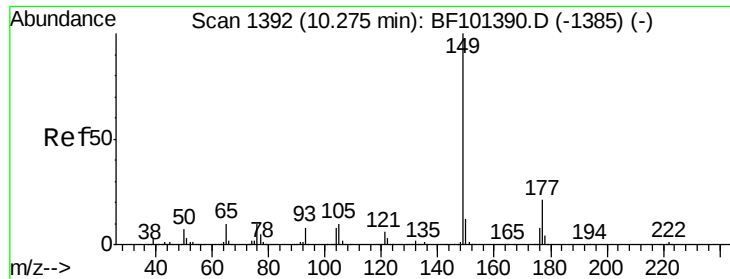
Delta R.T. 0.00 min

Lab File: BF101677.D

Acq: 23 Dec 2017 3:13

Tgt Ion:	232	Resp:	187982
Ion Ratio	Lower	Upper	
232	100		
131	44.1	43.8	65.8
130	2.0	2.1	3.1#
166	29.2	27.8	41.6





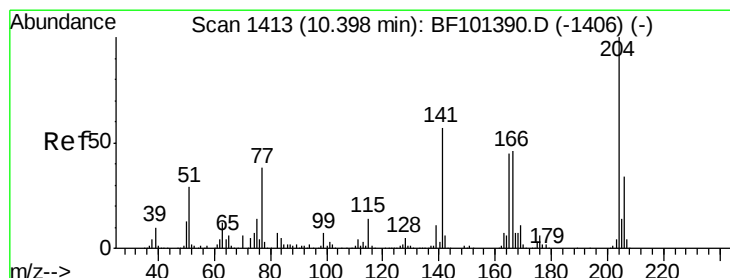
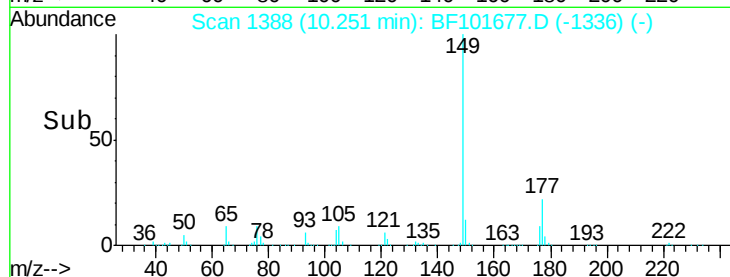
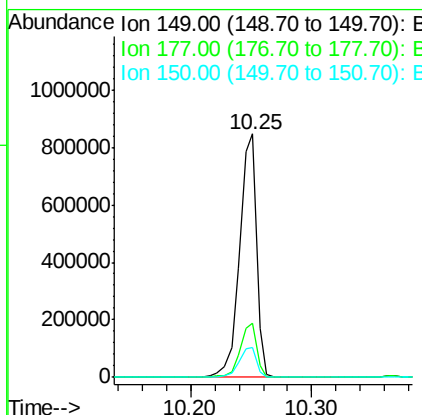
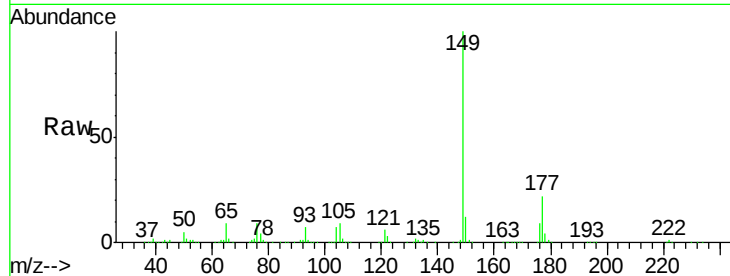
#59
Diethylphthalate
Concen: 42.698 ng
RT: 10.25 min Scan# 1388
Delta R.T. 0.01 min
Lab File: BF101677.D
Acq: 23 Dec 2017 3:13

Instrument :
BNA_F
ClientSampleId :
PB105250BS

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.3	16.1	24.1
150	12.2	10.1	15.1

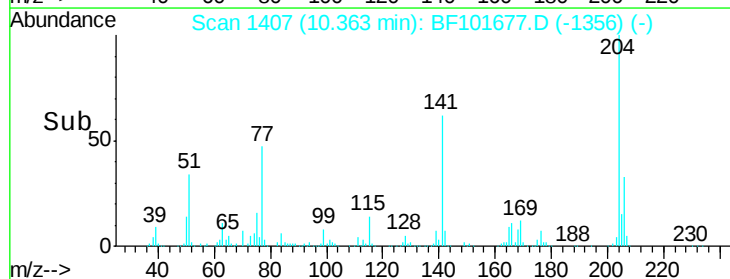
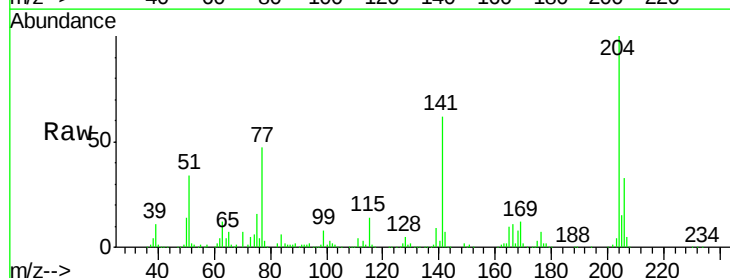
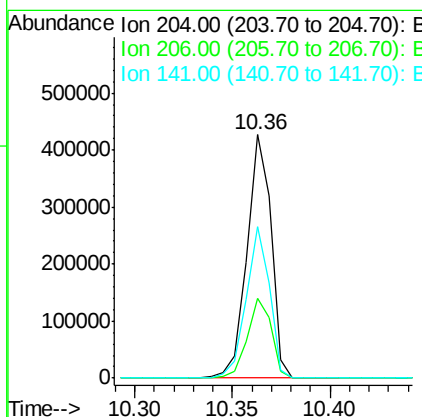
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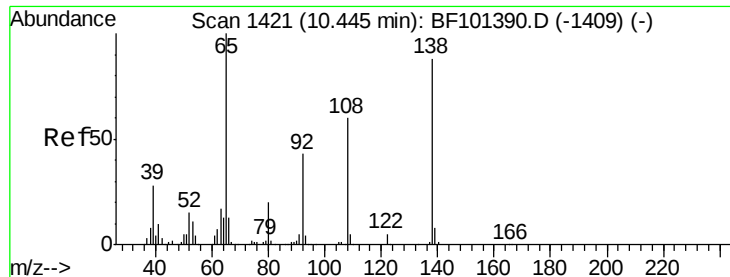
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 44.854 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF101677.D
Acq: 23 Dec 2017 3:13

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.5	39.7
141	62.0	54.6	81.8





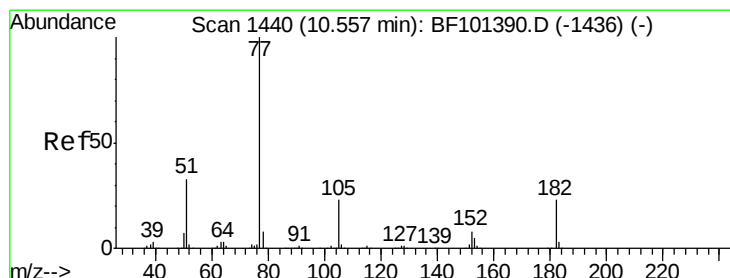
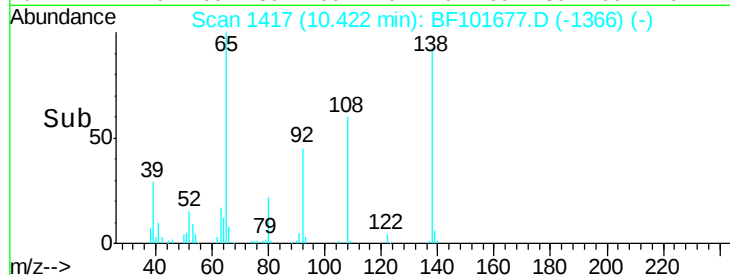
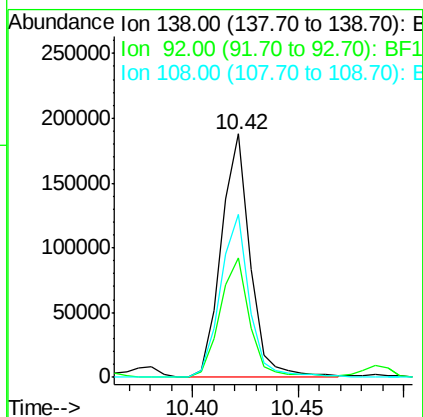
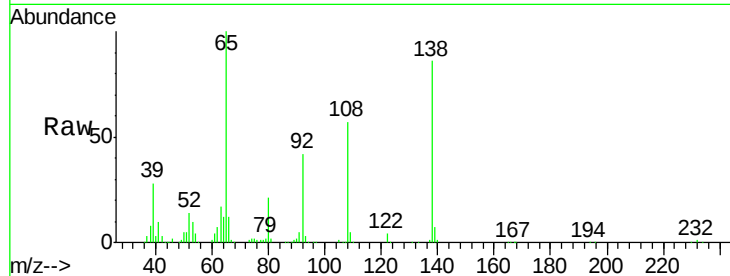
#61
4-Nitroaniline
Concen: 35.572 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF101677.D
Acq: 23 Dec 2017 3:13

Instrument :
BNA_F
ClientSampled :
PB105250BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	178757		
92	48.9	30.2	70.2	
108	66.8	52.5	92.5	

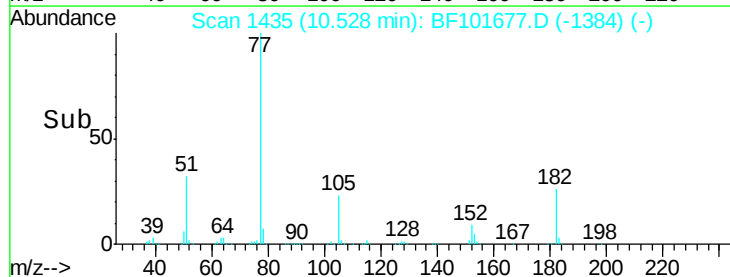
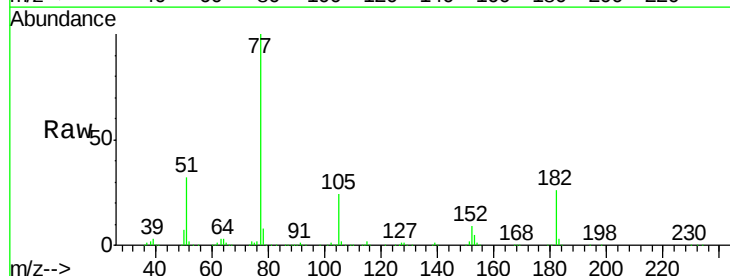
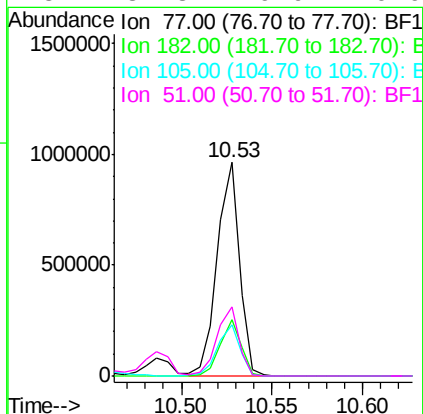
Manual Integrations
APPROVED

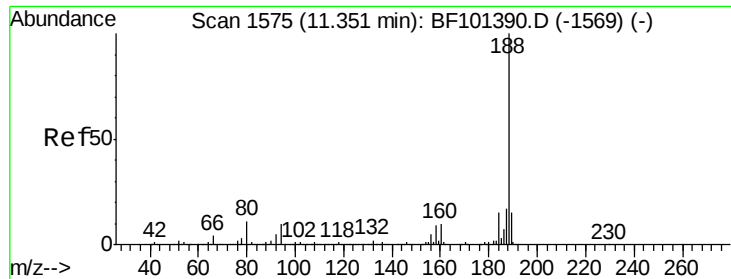
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#62
Azobenzene
Concen: 40.628 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF101677.D
Acq: 23 Dec 2017 3:13

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	822305		
182	26.1	1.7	41.7	
105	23.8	3.0	43.0	
51	32.3	9.9	49.9	





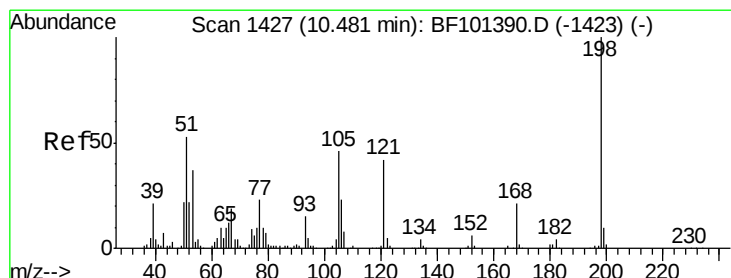
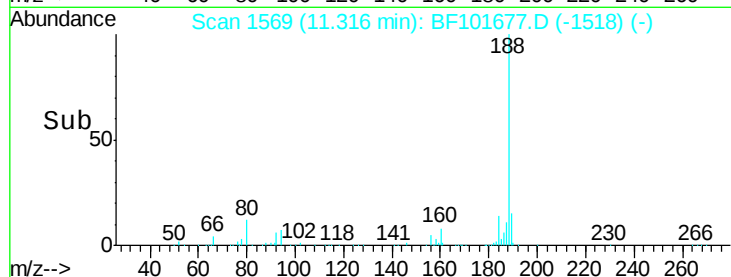
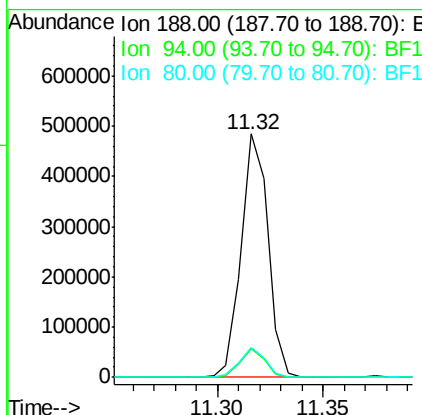
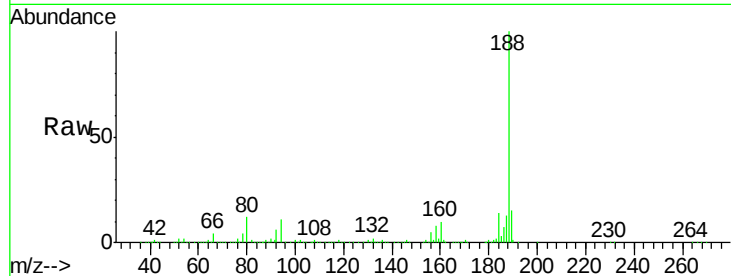
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF101677.D
Acq: 23 Dec 2017 3:13

Instrument :
BNA_F
ClientSampleId :
PB105250BS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	427300		
94	11.5	8.5	12.7	
80	12.2	9.2	13.8	

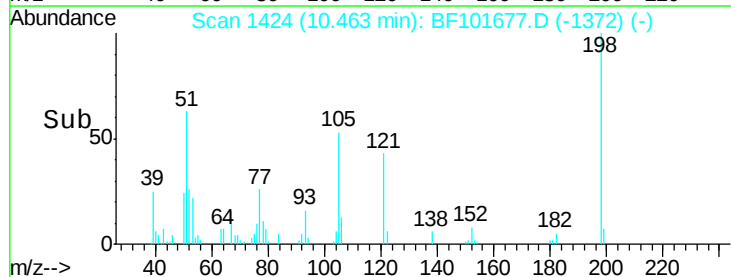
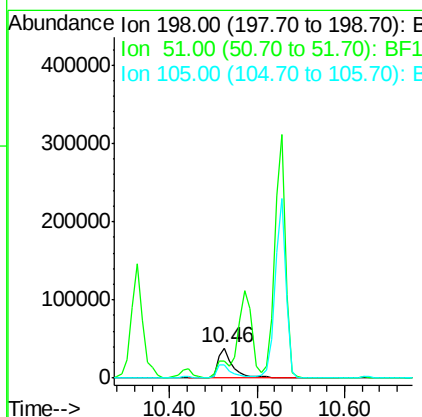
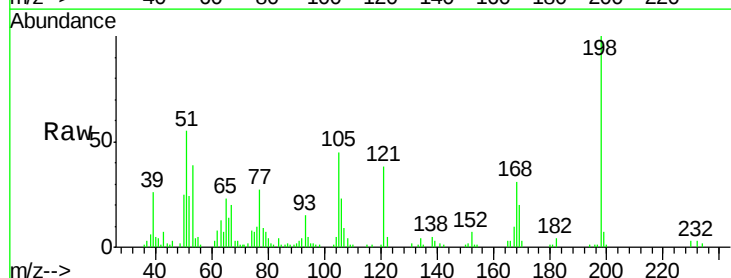
Manual Integrations
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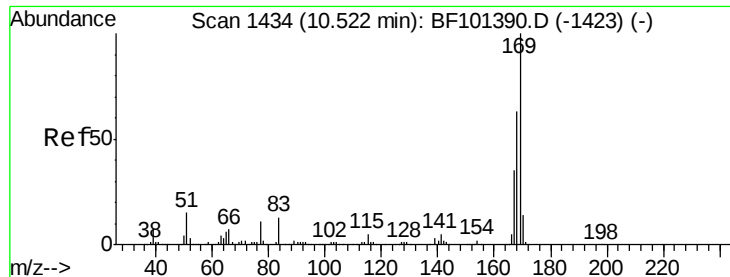
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#64
4,6-Dinitro-2-methylphenol
Concen: 21.580 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF101677.D
Acq: 23 Dec 2017 3:13

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	47057		
51	54.9	37.7	77.7	
105	44.6	36.3	76.3	





#65

n-Nitrosodiphenylamine

Concen: 43.943 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF101677.D

Acq: 23 Dec 2017 3:13

Instrument :

BNA_F

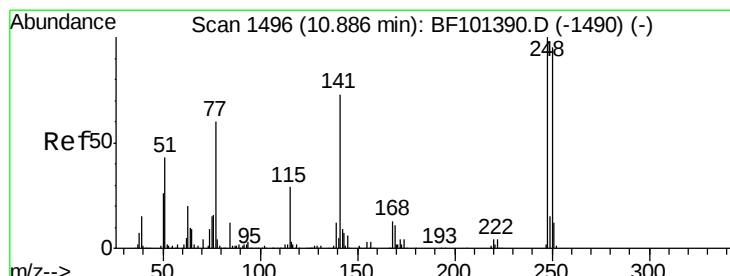
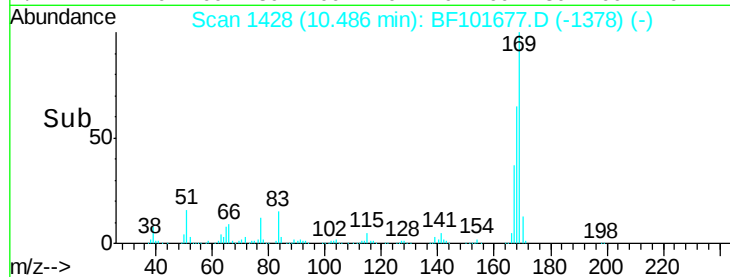
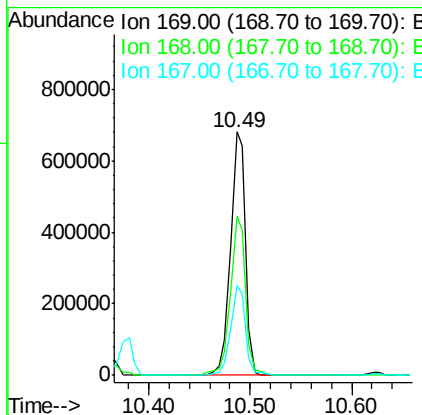
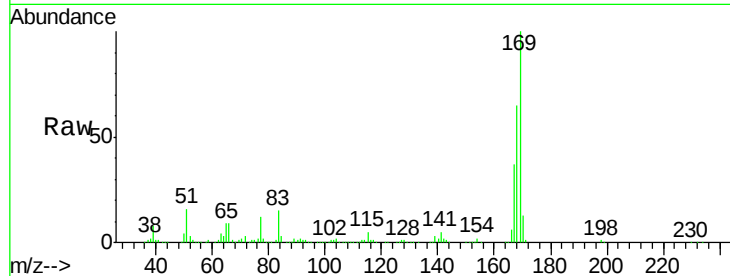
ClientSampleId :

PB105250BS

Tgt Ion:	169	Resp:	693326
Ion Ratio	Lower	Upper	
169	100		
168	65.3	54.4	81.6
167	37.0	29.8	44.6

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#66

4-Bromophenyl-phenylether

Concen: 47.406 ng

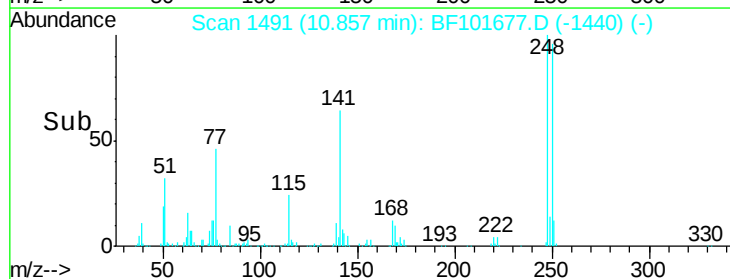
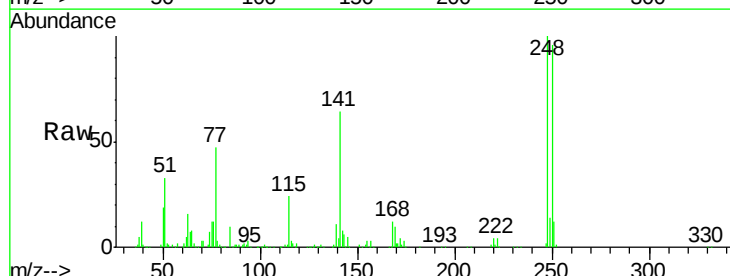
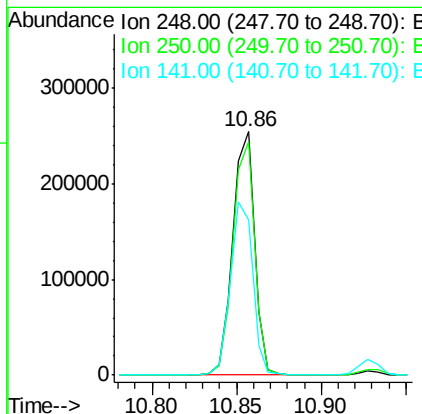
RT: 10.86 min Scan# 1491

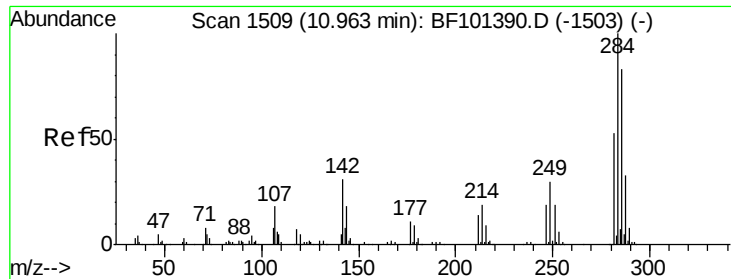
Delta R.T. 0.00 min

Lab File: BF101677.D

Acq: 23 Dec 2017 3:13

Tgt Ion:	248	Resp:	227608
Ion Ratio	Lower	Upper	
248	100		
250	95.8	76.9	115.3
141	63.8	74.4	111.6#





#67

Hexachlorobenzene

Concen: 44.441 ng

RT: 10.93 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BF101677.D

Acq: 23 Dec 2017 3:13

Instrument :

BNA_F

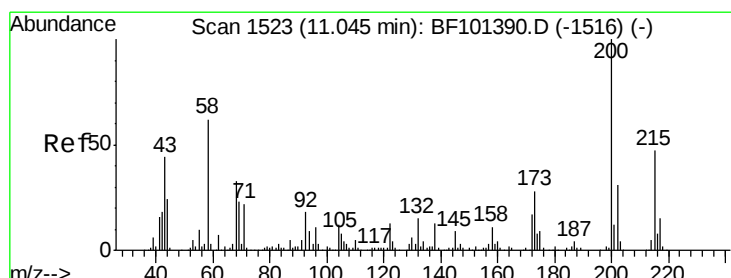
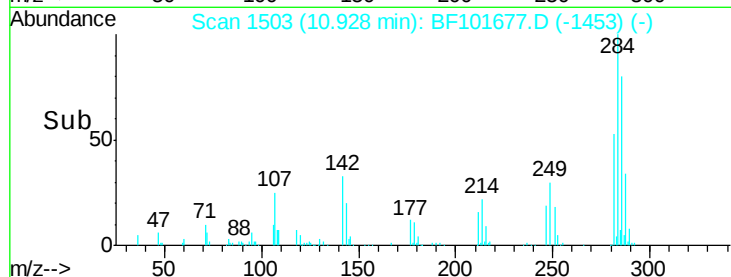
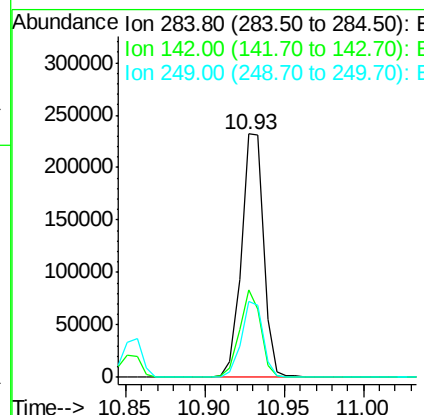
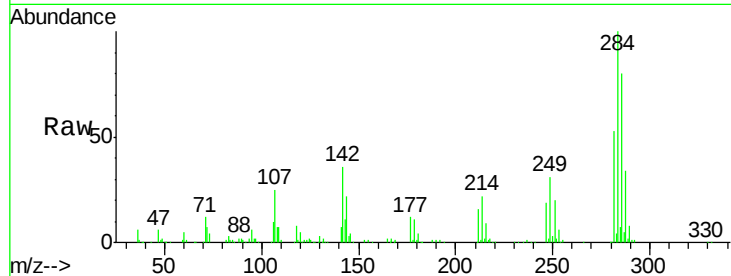
ClientSampleId :

PB105250BS

Tgt Ion:	284	Resp:	225826
Ion Ratio	Lower	Upper	
284	100		
142	36.1	34.6	52.0
249	31.2	24.8	37.2

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#68

Atrazine

Concen: 47.497 ng

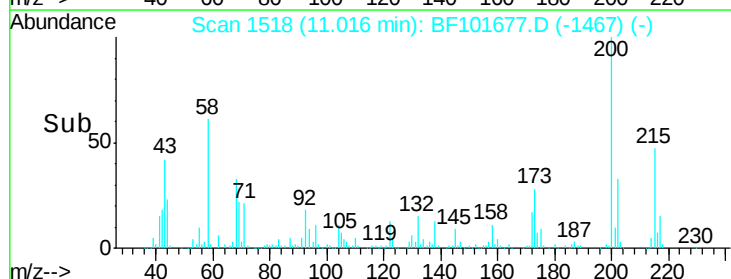
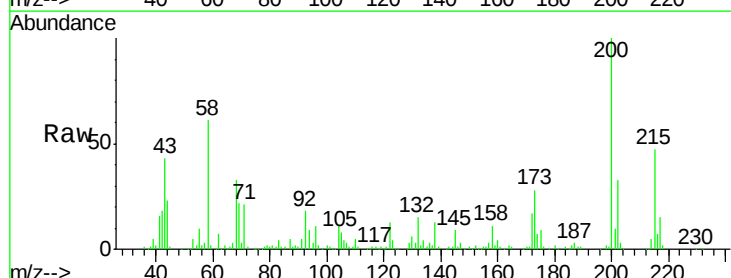
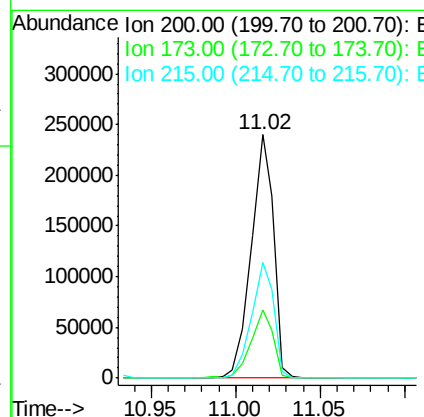
RT: 11.02 min Scan# 1518

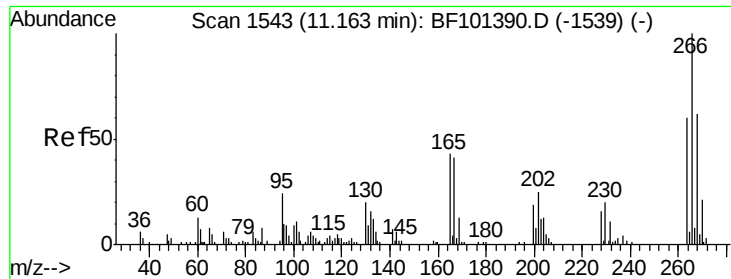
Delta R.T. 0.00 min

Lab File: BF101677.D

Acq: 23 Dec 2017 3:13

Tgt Ion:	200	Resp:	223453
Ion Ratio	Lower	Upper	
200	100		
173	28.1	8.6	48.6
215	47.3	25.1	65.1





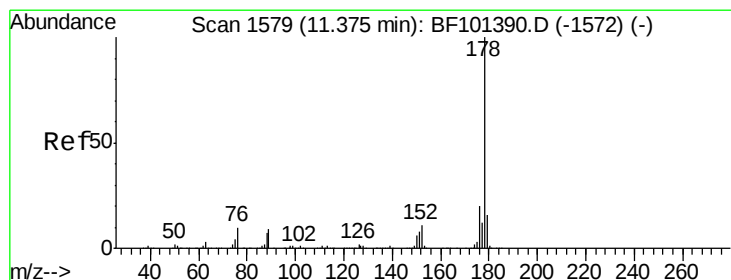
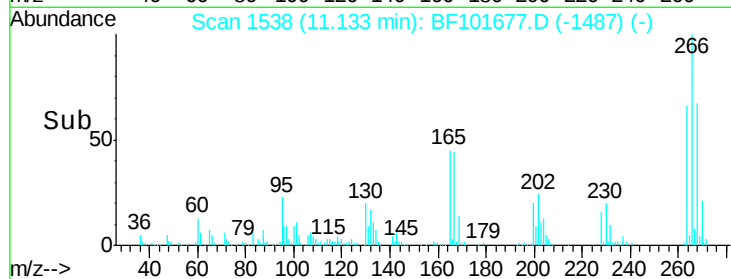
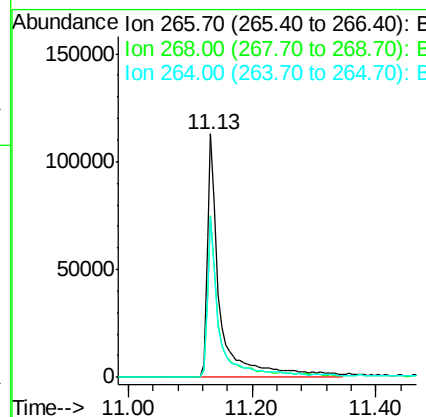
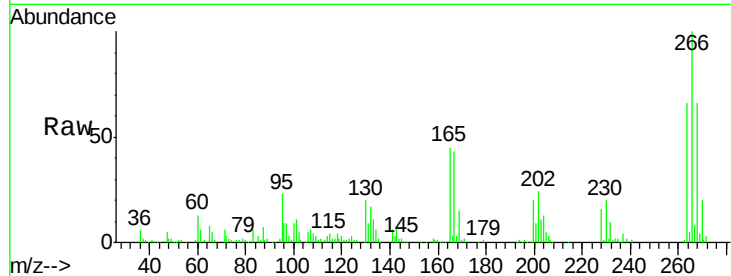
#69
 Pentachlorophenol
 Concen: 83.998 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. 0.00 min
 Lab File: BF101677.D
 Acq: 23 Dec 2017 3:13

Instrument :
 BNA_F
 ClientSampleId :
 PB105250BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	166691		
268	66.3	51.1	76.7	
264	65.9	49.5	74.3	

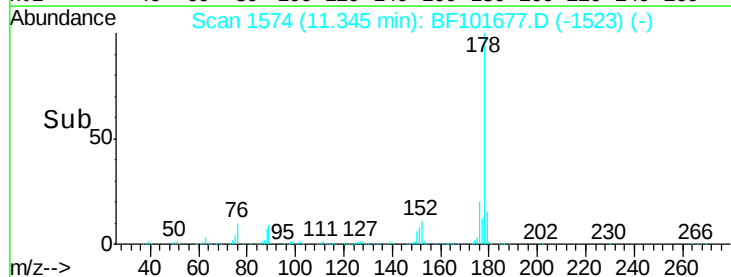
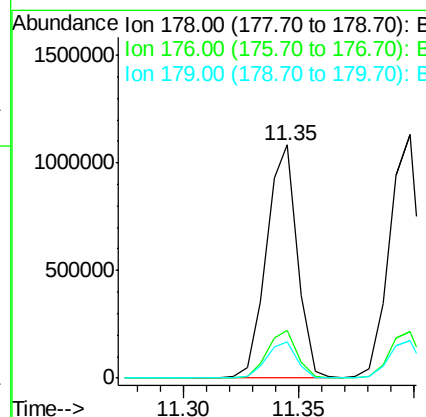
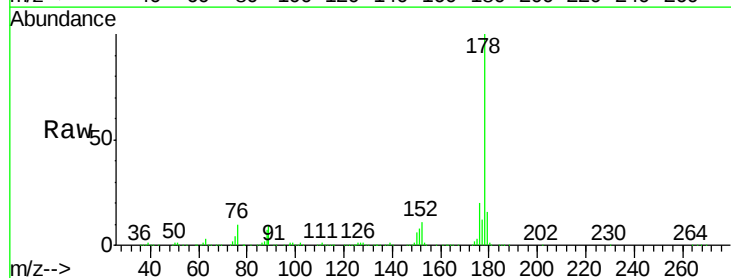
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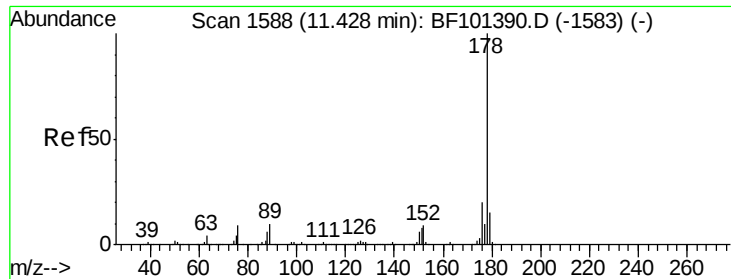
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#70
 Phenanthrene
 Concen: 42.213 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. 0.00 min
 Lab File: BF101677.D
 Acq: 23 Dec 2017 3:13

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1003092		
176	20.3	15.8	23.8	
179	15.8	13.0	19.6	





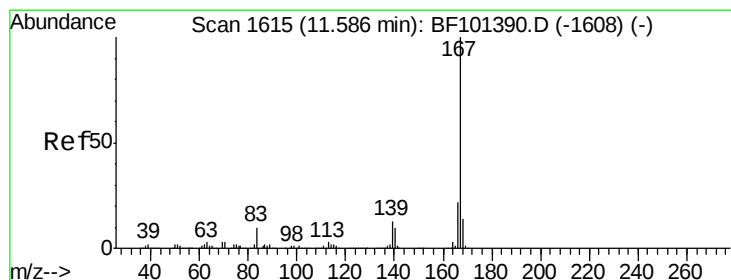
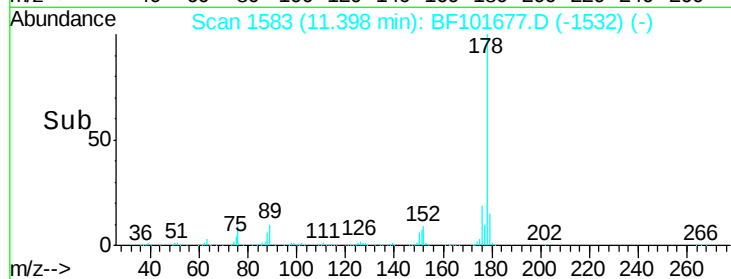
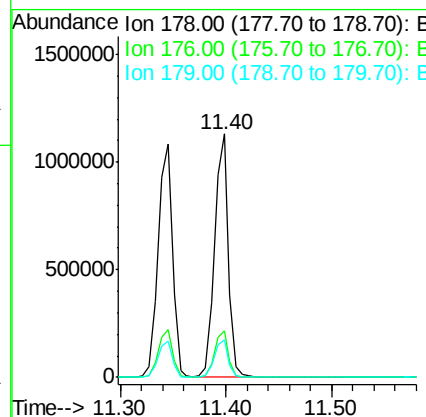
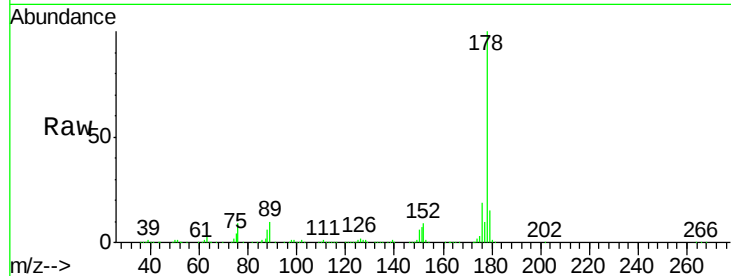
#71
 Anthracene
 Concen: 42.621 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: BF101677.D
 Acq: 23 Dec 2017 3:13

Instrument :
 BNA_F
 ClientSampled :
 PB105250BS

Tgt Ion:178 Resp: 1034545
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.5 12.6 19.0

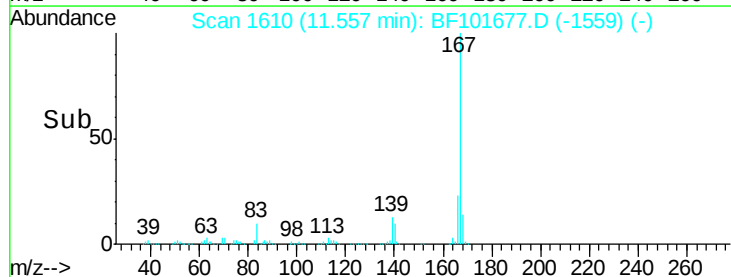
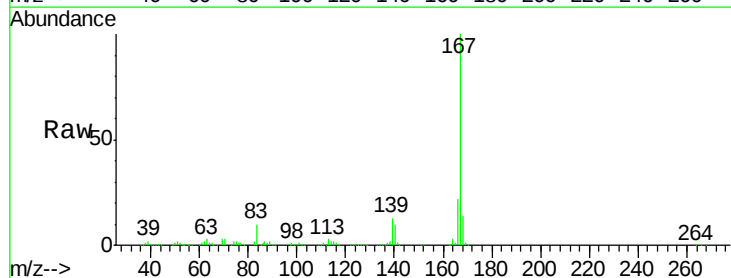
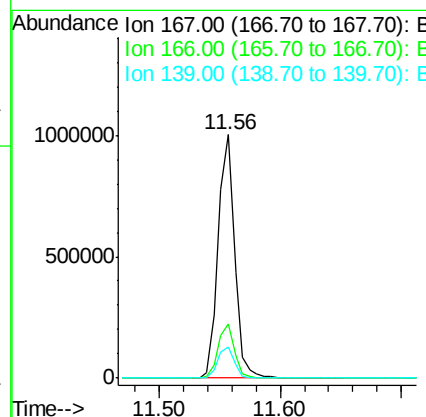
Manual Integrations
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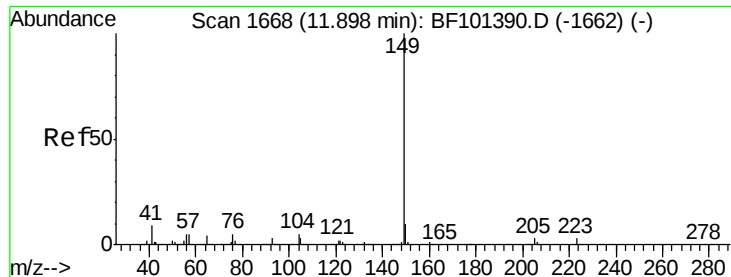
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#72
 Carbazole
 Concen: 41.171 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. 0.00 min
 Lab File: BF101677.D
 Acq: 23 Dec 2017 3:13

Tgt Ion:167 Resp: 935636
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 12.9 10.9 16.3





#73

Di-n-butylphthalate

Concen: 44.948 ng

RT: 11.87 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BF101677.D

Acq: 23 Dec 2017 3:13

Instrument :

BNA_F

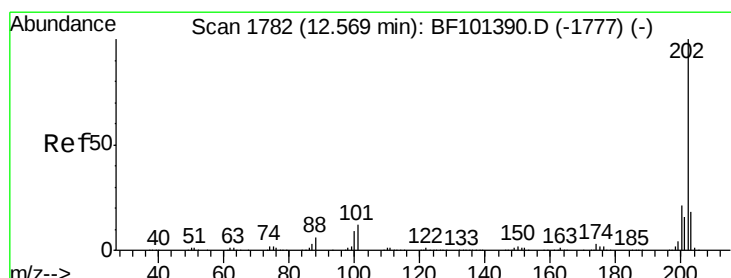
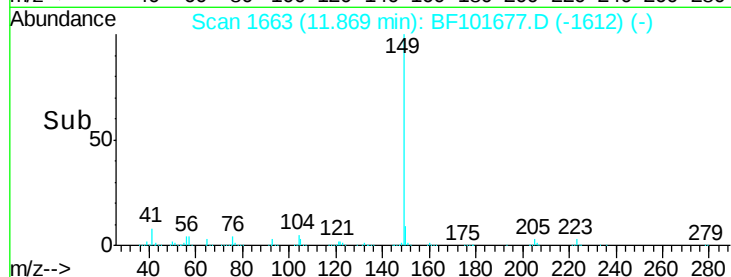
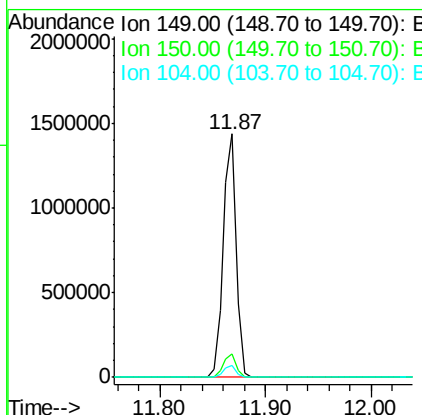
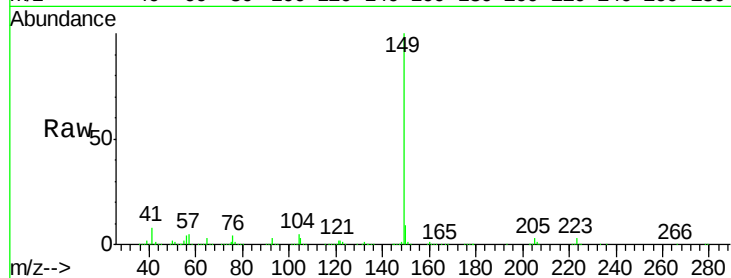
ClientSampleId :

PB105250BS

Tgt Ion:	149	Resp:	1239807
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.8	11.6
104	4.6	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 39.028 ng

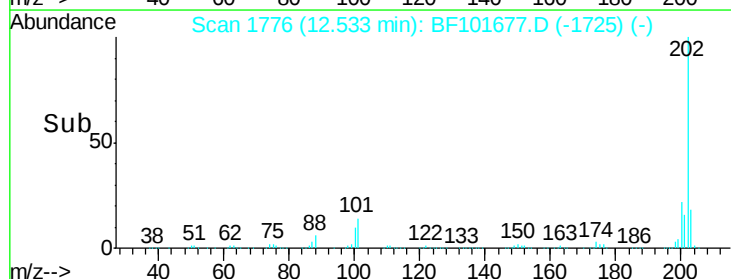
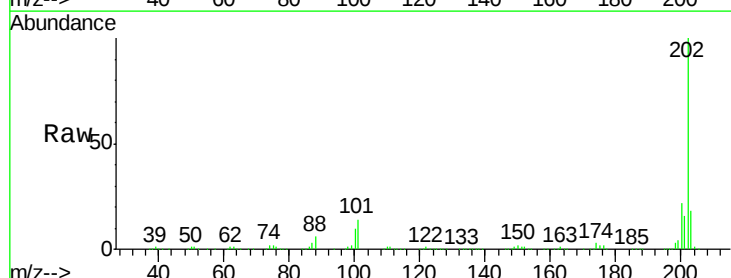
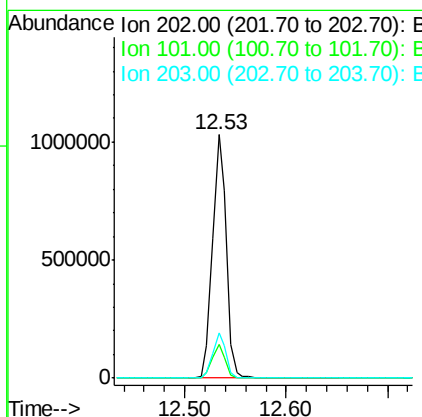
RT: 12.53 min Scan# 1776

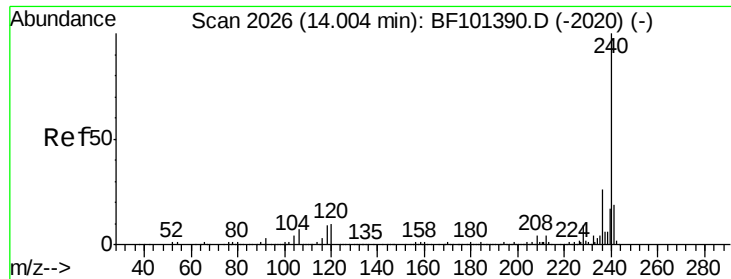
Delta R.T. 0.00 min

Lab File: BF101677.D

Acq: 23 Dec 2017 3:13

Tgt Ion:	202	Resp:	973443
Ion Ratio	Lower	Upper	
202	100		
101	13.6	0.0	34.1
203	18.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF101677.D

Acq: 23 Dec 2017 3:13

Instrument :

BNA_F

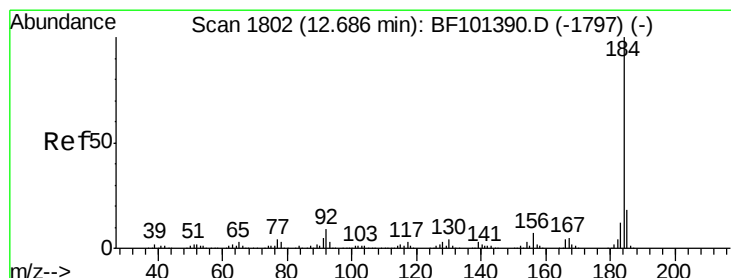
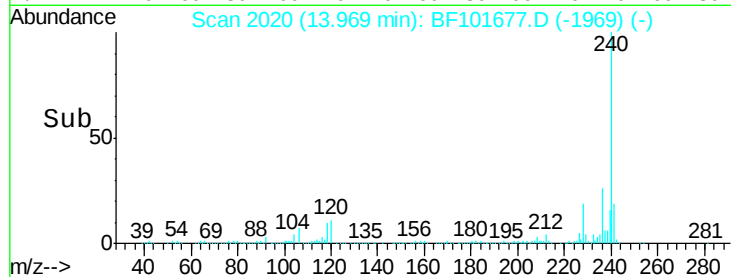
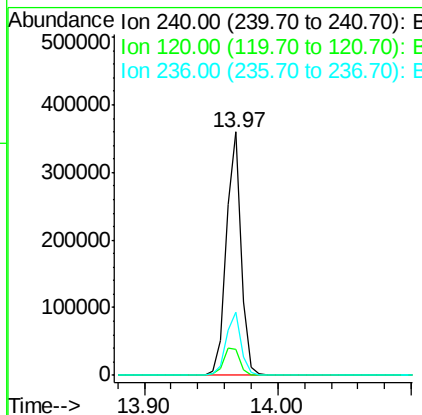
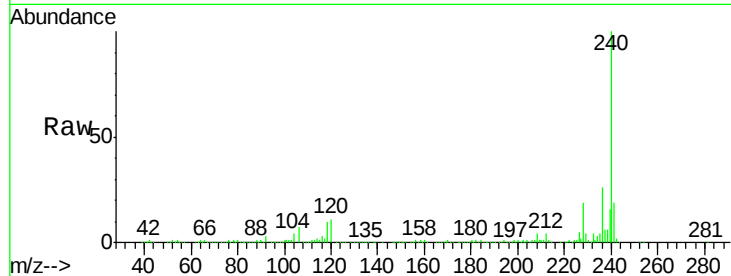
ClientSampled :

PB105250BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	281863		
120	10.5	9.5	14.3	
236	26.0	20.7	31.1	

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#76

Benzidine

Concen: 16.881 ng

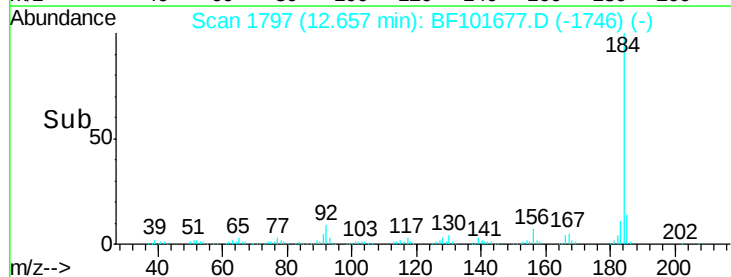
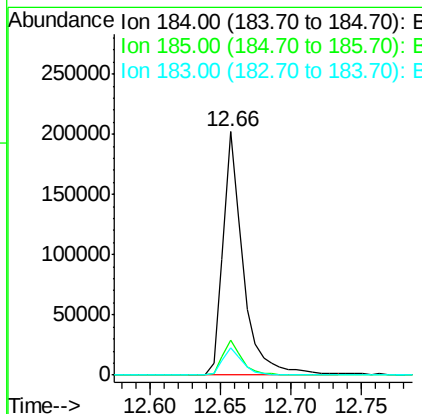
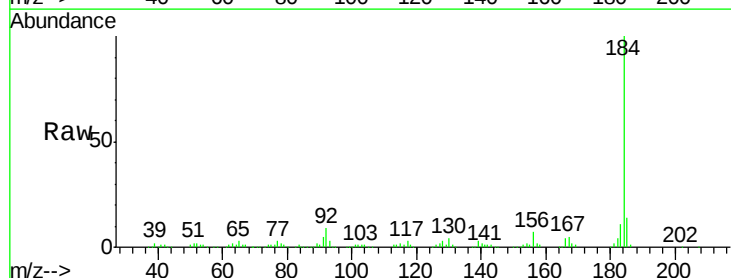
RT: 12.66 min Scan# 1797

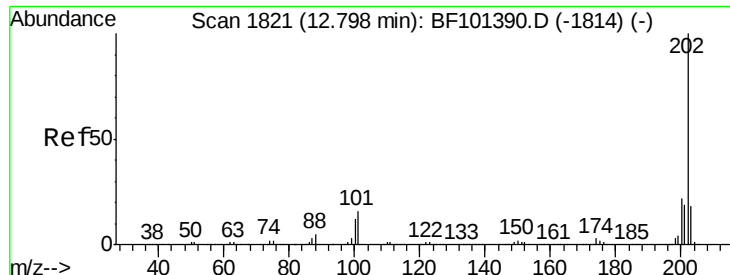
Delta R.T. 0.00 min

Lab File: BF101677.D

Acq: 23 Dec 2017 3:13

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	200966		
185	14.4	12.6	18.8	
183	11.2	9.3	13.9	





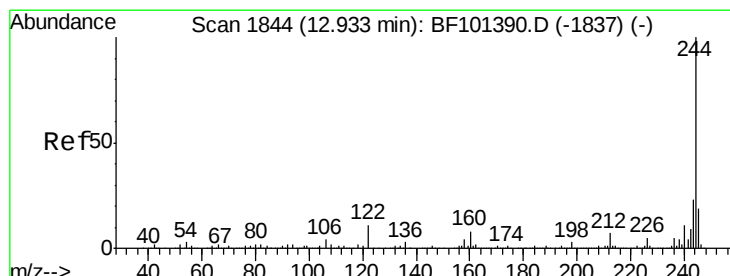
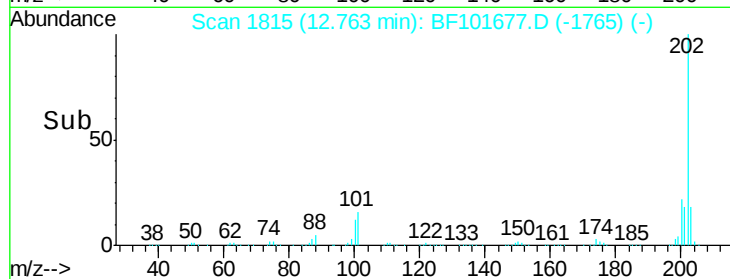
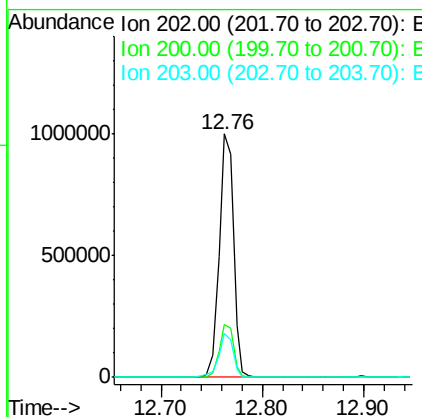
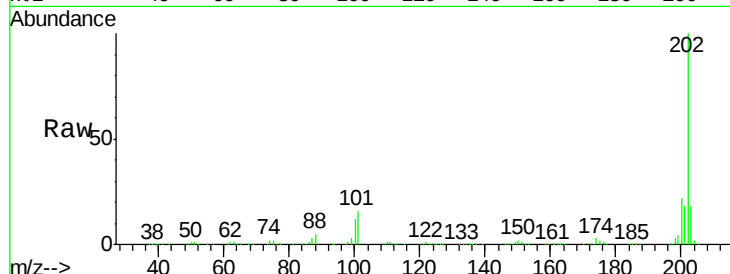
#77
 Pyrene
 Concen: 46.465 ng
 RT: 12.76 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BF101677.D
 Acq: 23 Dec 2017 3:13

Instrument :
 BNA_F
 ClientSampled :
 PB105250BS

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	982916		
200	21.8		17.4	26.2
203	18.1		14.3	21.5

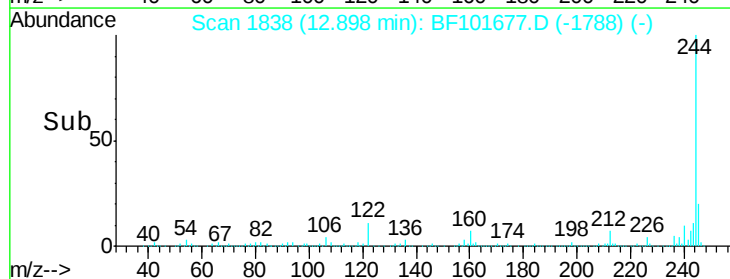
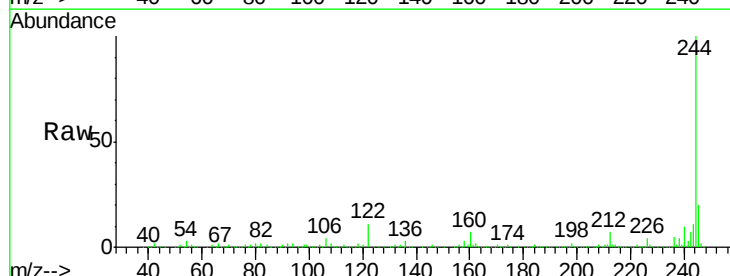
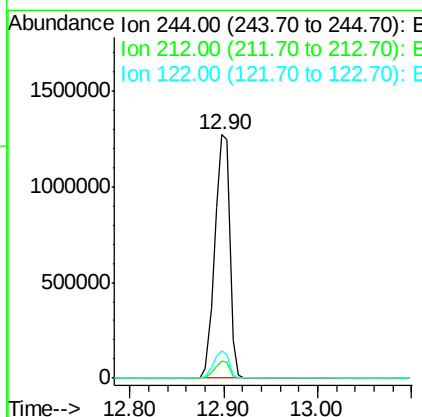
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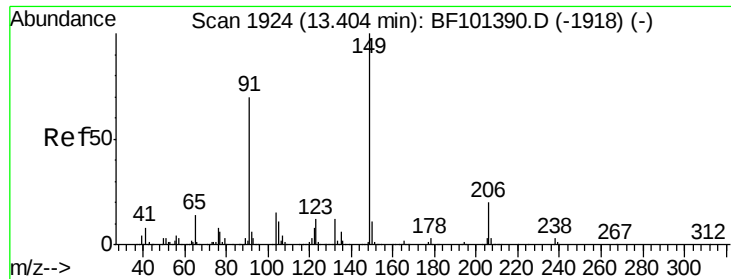
Sohil
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#78
 Terphenyl-d14
 Concen: 122.539 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BF101677.D
 Acq: 23 Dec 2017 3:13

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1432702		
212	6.9		5.4	8.0
122	11.2		11.0	16.4





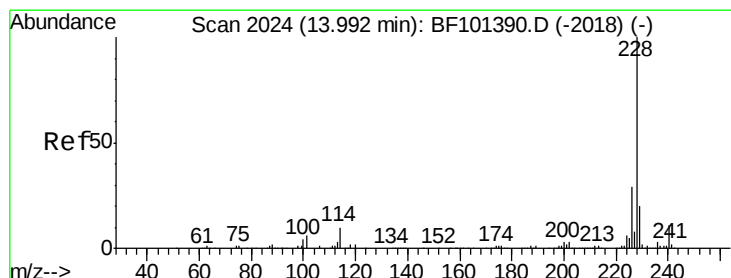
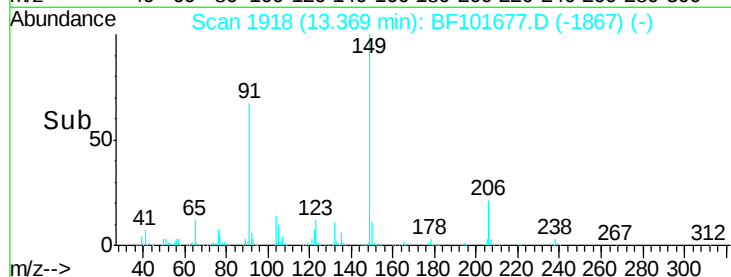
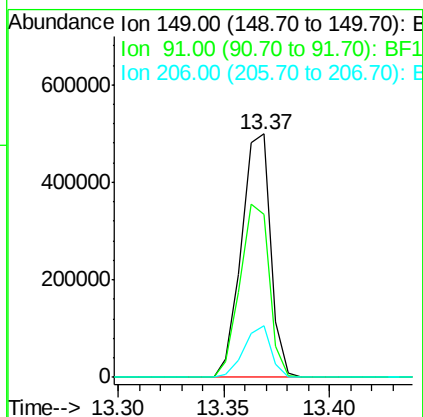
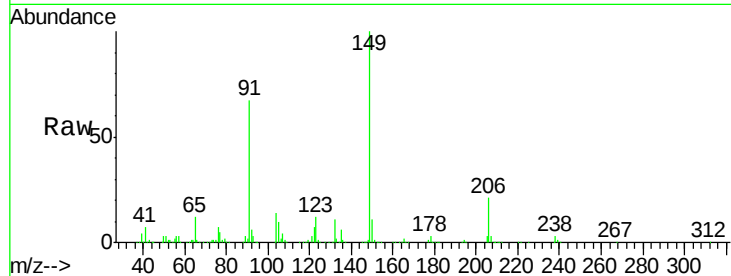
#79
Butylbenzylphthalate
Concen: 50.054 ng
RT: 13.37 min Scan# 1918
Delta R.T. 0.00 min
Lab File: BF101677.D
Acq: 23 Dec 2017 3:13

Instrument :
BNA_F
ClientSampleId :
PB105250BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	66.9	56.8	85.2
206	21.1	14.1	21.1

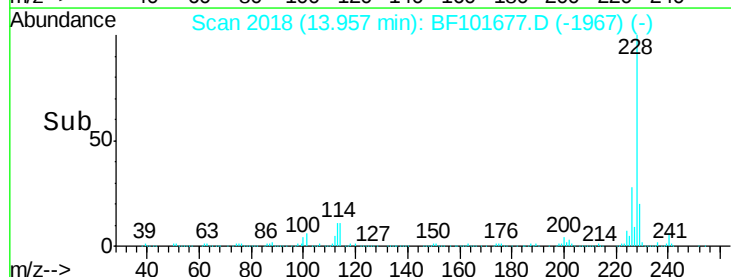
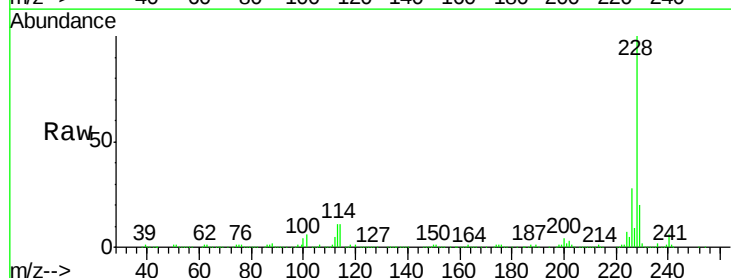
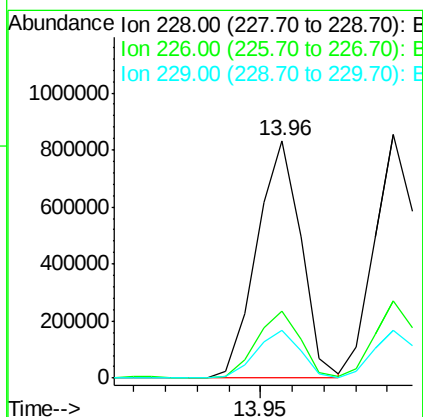
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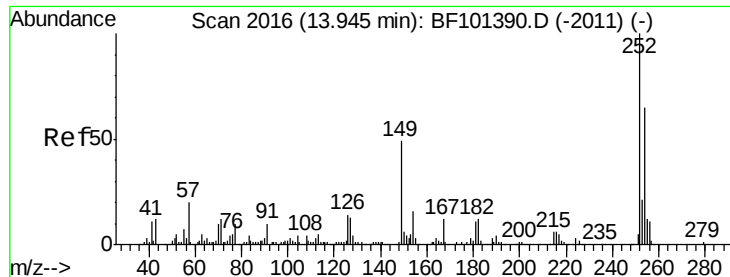
Sohil
12/26/2017 1:37:40 PM



#80
Benzo(a)anthracene
Concen: 43.276 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF101677.D
Acq: 23 Dec 2017 3:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.4	22.6	33.8
229	20.2	15.8	23.6





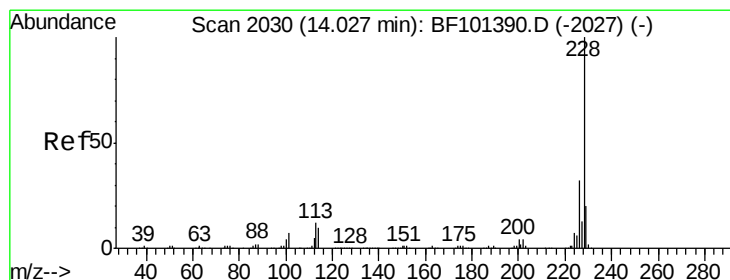
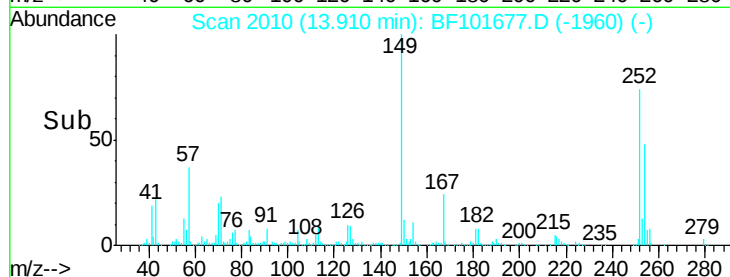
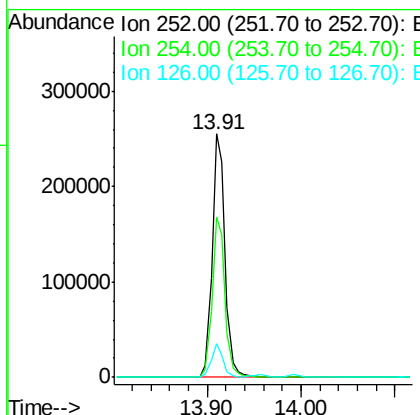
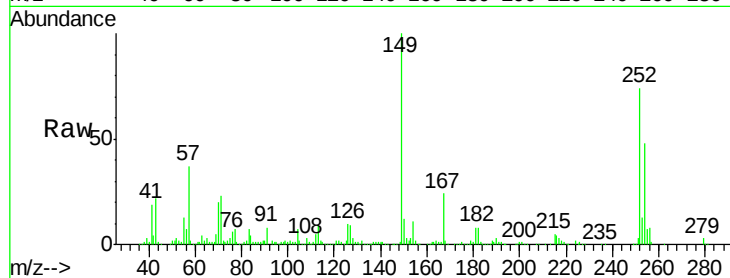
#81
3,3'-Dichlorobenzidine
Concen: 41.121 ng
RT: 13.91 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF101677.D
Acq: 23 Dec 2017 3:13

Instrument :
BNA_F
ClientSampleId :
PB105250BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	249554		
254	65.7	50.4	75.6	
126	13.6	11.3	16.9	

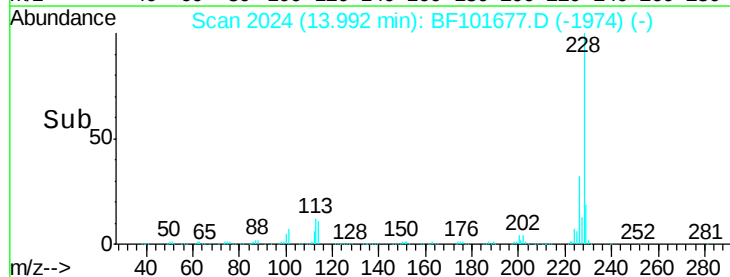
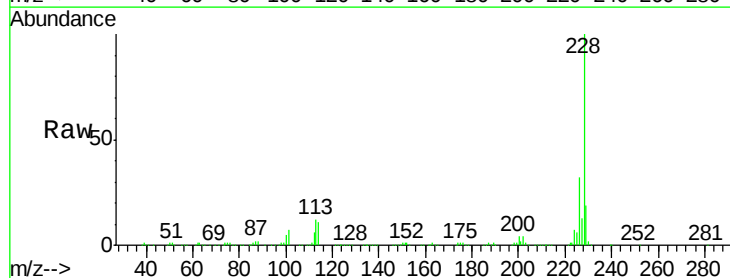
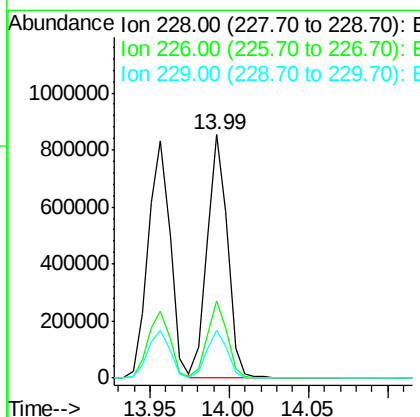
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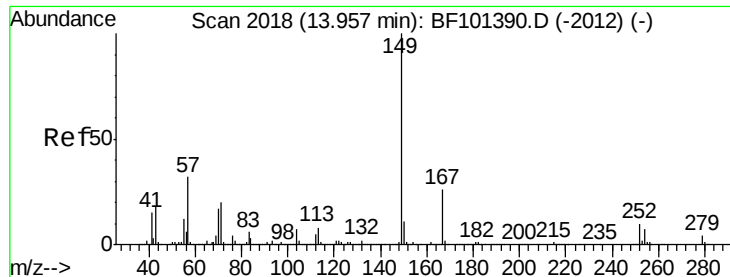
Sohil
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#82
Chrysene
Concen: 43.815 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF101677.D
Acq: 23 Dec 2017 3:13

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	769963		
226	31.6	25.0	37.6	
229	19.4	16.2	24.4	





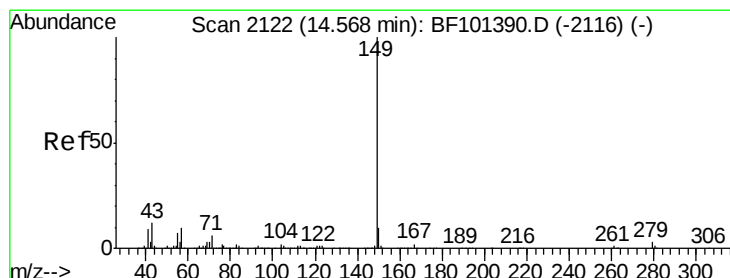
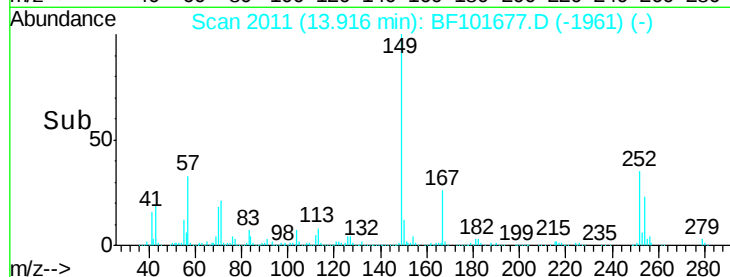
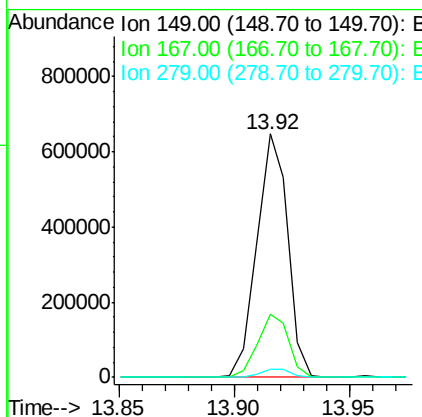
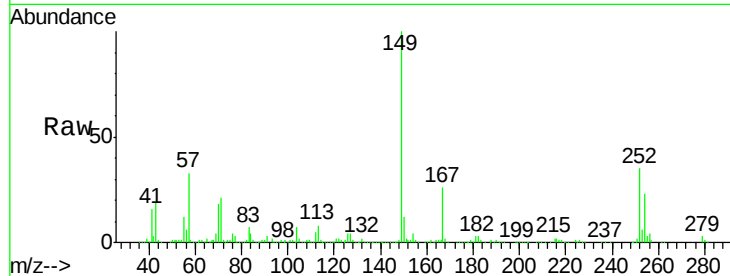
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.752 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BF101677.D
 Acq: 23 Dec 2017 3:13

Instrument :
 BNA_F
 ClientSampleId :
 PB105250BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.8	21.3	31.9
279	3.4	3.0	4.4

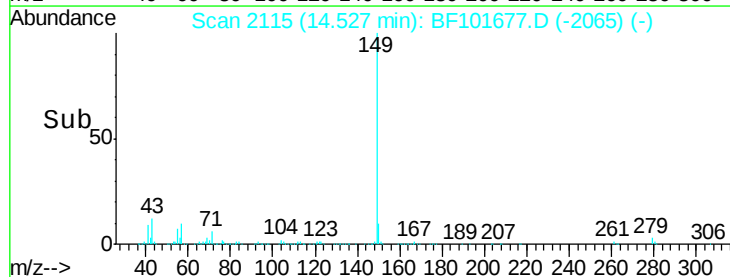
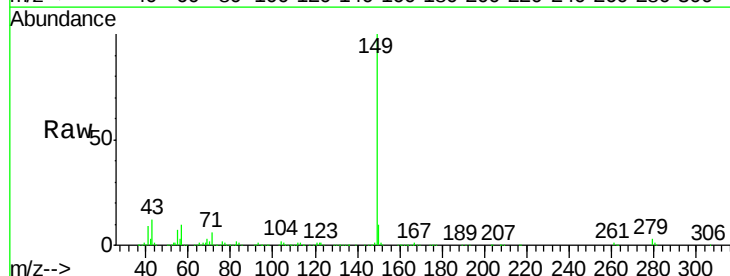
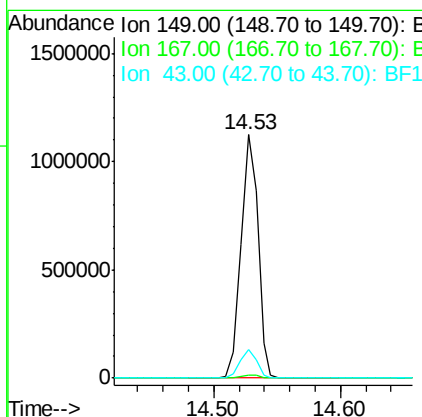
Manual Integrations
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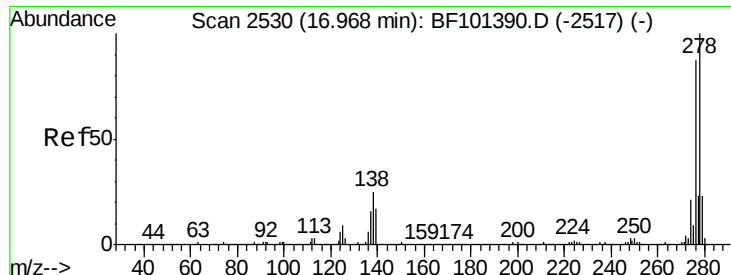
Sohil
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#84
 Di-n-octyl phthalate
 Concen: 47.870 ng
 RT: 14.53 min Scan# 2115
 Delta R.T. -0.01 min
 Lab File: BF101677.D
 Acq: 23 Dec 2017 3:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.6	8.4	12.6





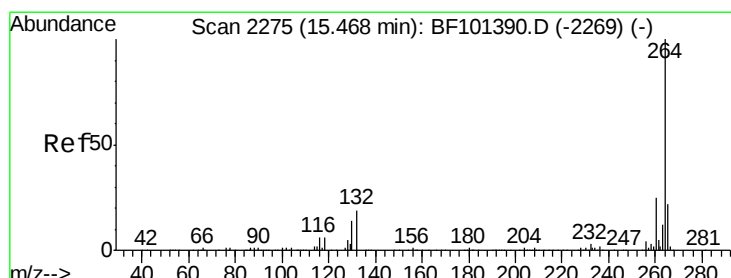
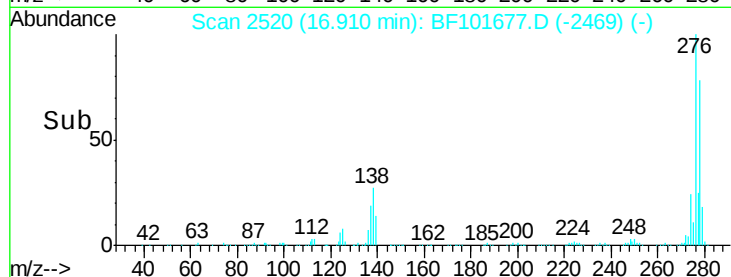
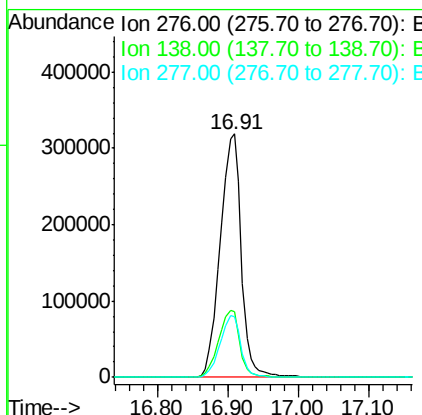
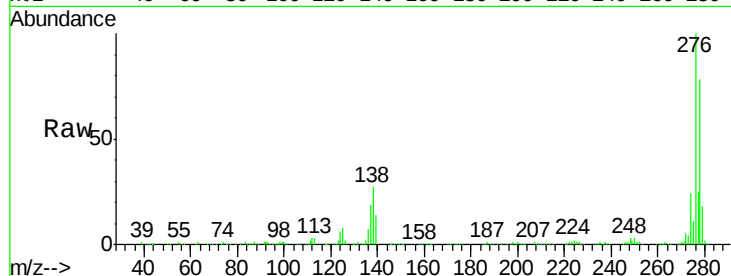
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.498 ng
 RT: 16.91 min Scan# 2520
 Delta R.T. 0.00 min
 Lab File: BF101677.D
 Acq: 23 Dec 2017 3:13

Instrument :
 BNA_F
 ClientSampleId :
 PB105250BS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	665046		
138	27.7	25.0	37.6	
277	25.2	20.1	30.1	

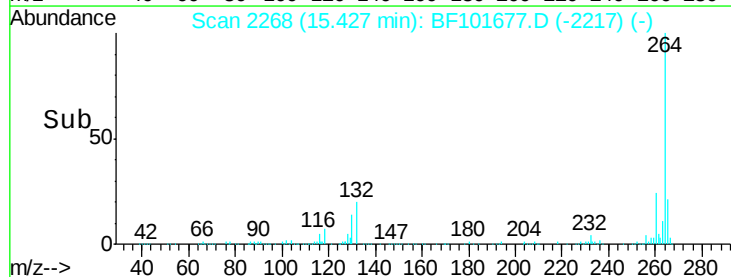
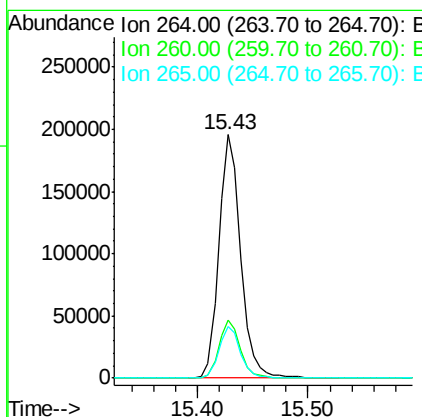
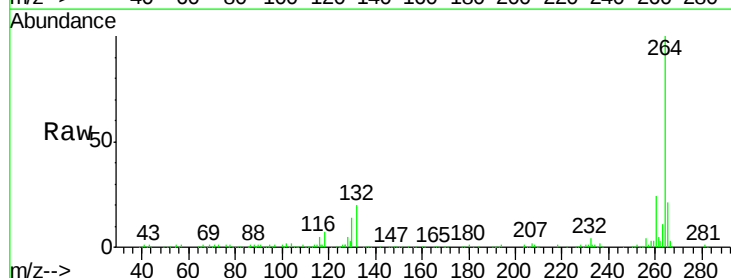
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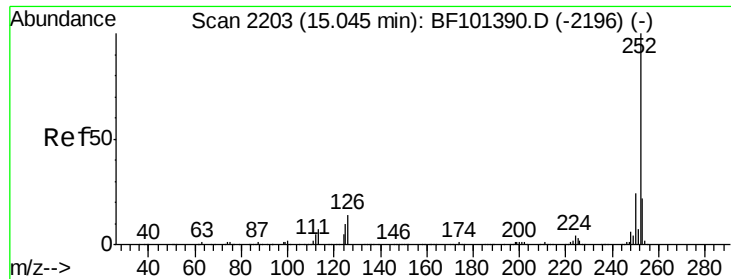
Sohil
 12/26/2017 1:37:40 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. 0.00 min
 Lab File: BF101677.D
 Acq: 23 Dec 2017 3:13

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	268213		
260	23.7	19.2	28.8	
265	21.4	17.5	26.3	





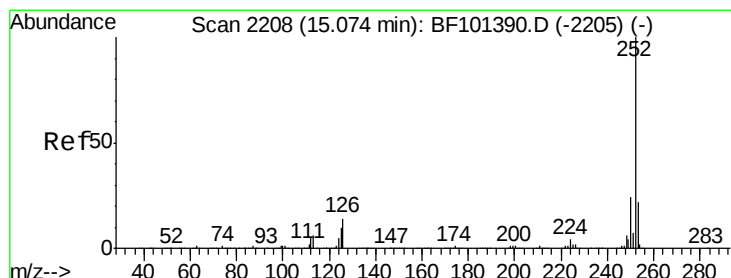
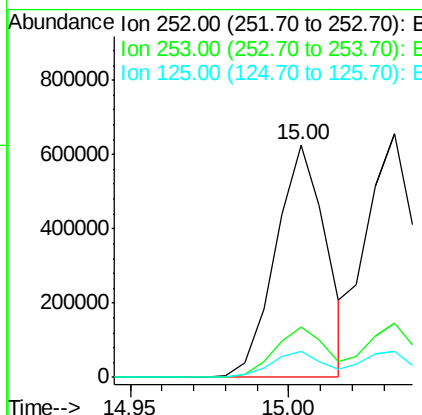
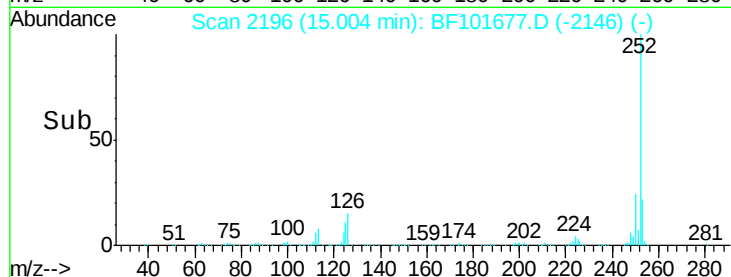
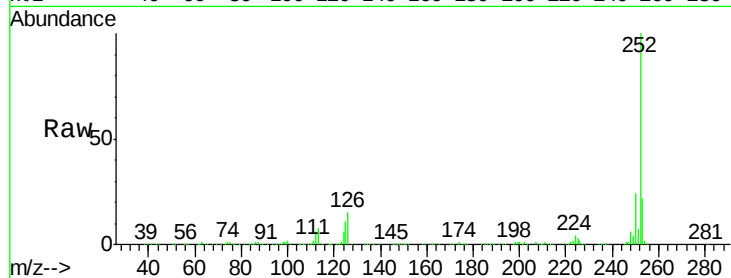
#87
Benzo(b)fluoranthene
Concen: 42.311 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF101677.D
Acq: 23 Dec 2017 3:13

Instrument :
BNA_F
ClientSampleId :
PB105250BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	11.2	9.0	13.6

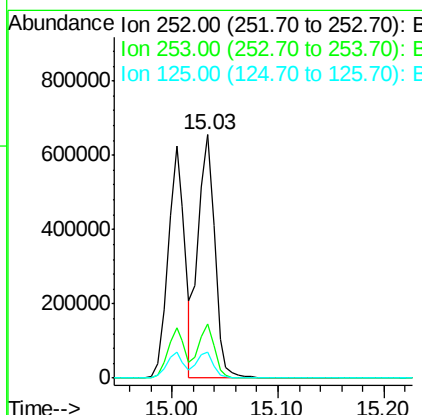
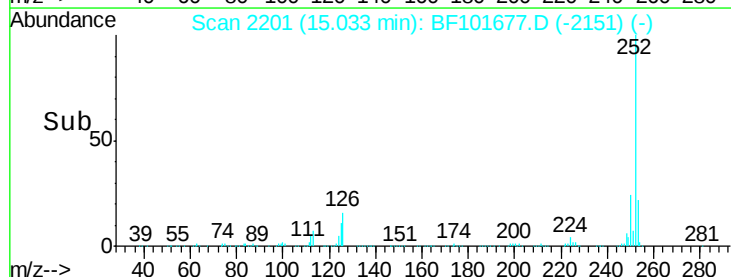
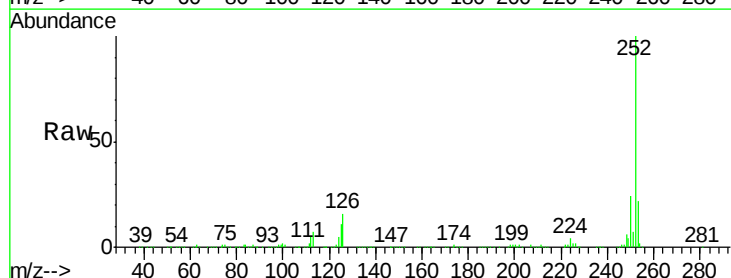
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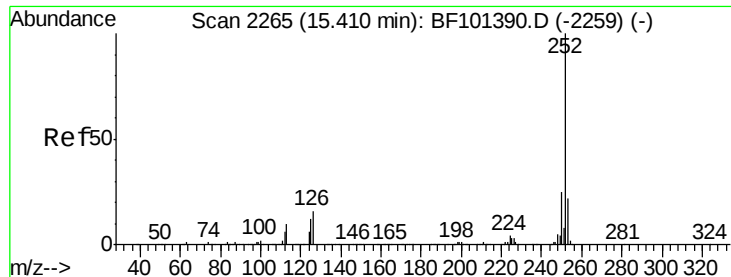
Sohil
12/26/2017 1:37:40 PM



#88
Benzo(k)fluoranthene
Concen: 44.482 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF101677.D
Acq: 23 Dec 2017 3:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	10.6	10.2	15.2





#89

Benzo(a)pyrene

Concen: 44.809 ng

RT: 15.37 min Scan# 2258

Delta R.T. -0.01 min

Lab File: BF101677.D

Acq: 23 Dec 2017 3:13

Instrument :

BNA_F

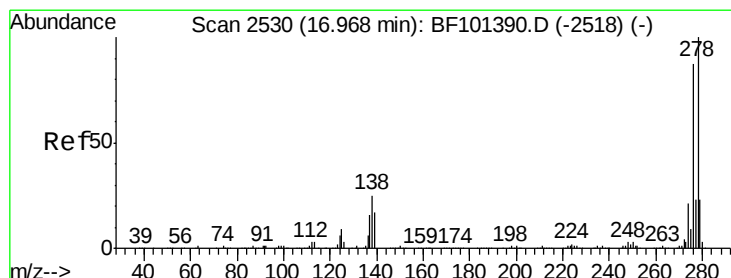
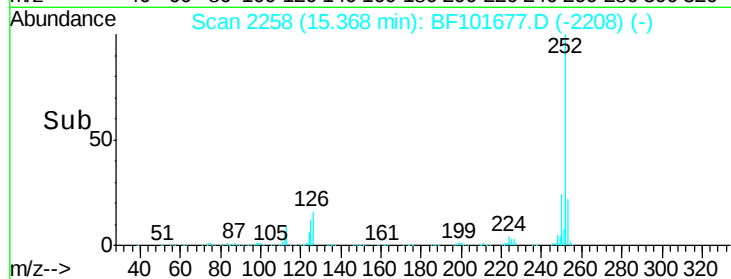
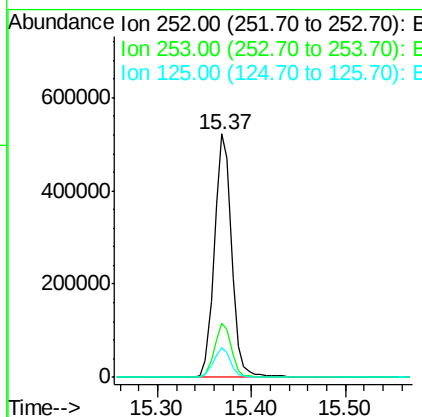
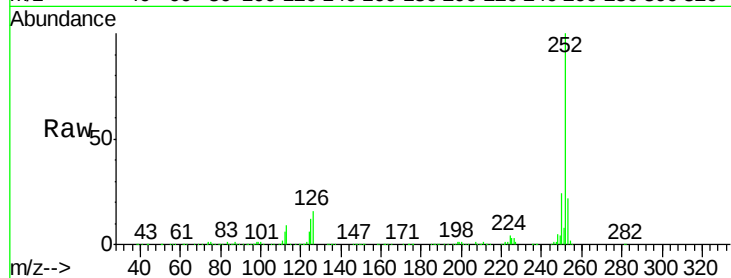
ClientSampleId :

PB105250BS

Tgt Ion:	252	Resp:	675301
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.1	25.7
125	12.4	9.8	14.6

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#90

Dibenzo(a,h)anthracene

Concen: 43.594 ng

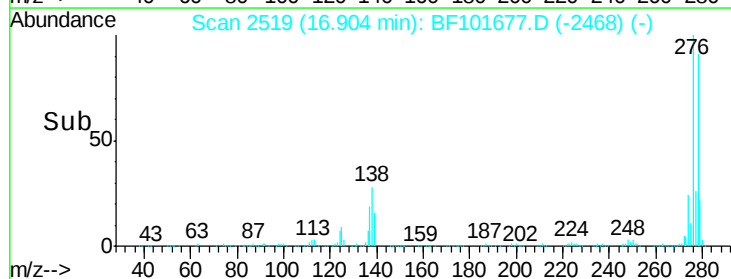
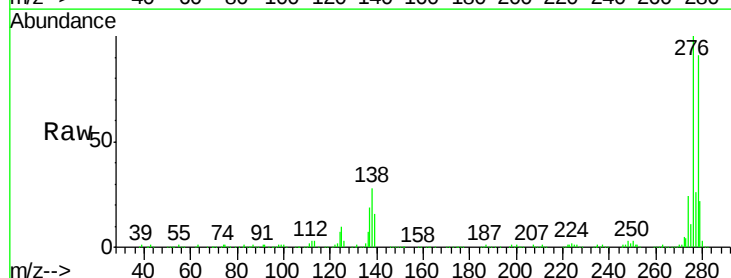
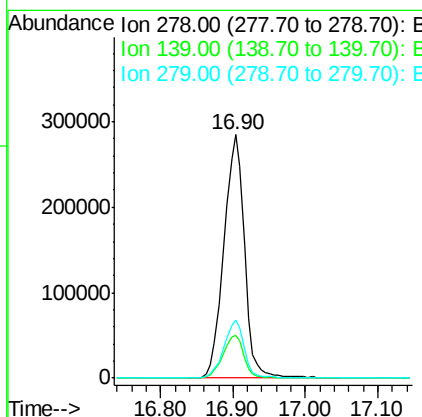
RT: 16.90 min Scan# 2519

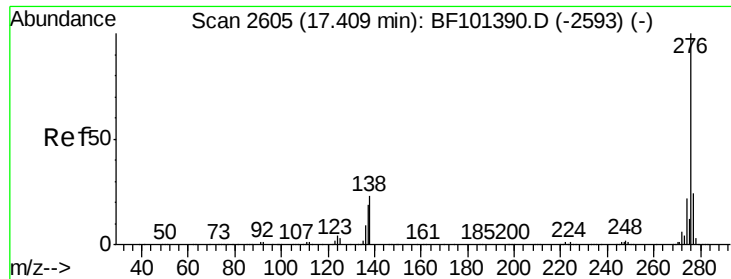
Delta R.T. 0.00 min

Lab File: BF101677.D

Acq: 23 Dec 2017 3:13

Tgt Ion:	278	Resp:	564079
Ion Ratio	Lower	Upper	
278	100		
139	17.5	15.9	23.9
279	24.0	19.0	28.4





#91

Benzo(g,h,i)perylene

Concen: 43.873 ng

RT: 17.35 min Scan# 2595

Delta R.T. 0.01 min

Lab File: BF101677.D

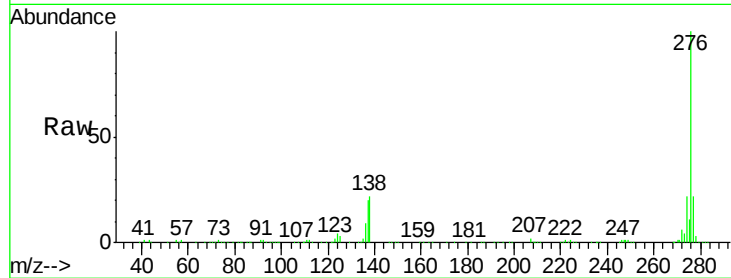
Acq: 23 Dec 2017 3:13

Instrument :

BNA_F

ClientSampleId :

PB105250BS



Tgt Ion: 276 Resp: 562135

Ion Ratio Lower Upper

276 100

277 22.2 17.9 26.9

138 22.1 21.8 32.8

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