

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010318\
 Data File : BF101857.D
 Acq On : 3 Jan 2018 14:02
 Operator : SJ/JU
 Sample : PB105431BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB105431BS

Manual Integrations
 APPROVED

Sohil
 1/4/2018 1:56:18 PM

Quant Time: Jan 04 02:44:27 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 13:21:45 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	132313	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	531056	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	231555	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	395700	20.00	ng	-0.02
75) Chrysene-d12	13.95	240	240115	20.00	ng	-0.02
86) Perylene-d12	15.42	264	254322	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1161968	130.81	ng	0.00
7) Phenol-d6	6.43	99	1269728	114.86	ng	0.00
23) Nitrobenzene-d5	7.35	82	838059	87.85	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	282012	126.39	ng	-0.02
44) 2-Fluorobiphenyl	9.13	172	1329300	89.05	ng	-0.01
78) Terphenyl-d14	12.88	244	1092826	109.72	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	179816	39.397	ng	96
3) Pyridine	3.32	79	450061m	35.491	ng	
4) n-Nitrosodimethylamine	3.28	42	213080	36.494	ng	98
6) Aniline	6.45	93	182767	11.897	ng	# 67
8) 2-Chlorophenol	6.56	128	391382	41.886	ng	99
9) Benzaldehyde	6.35	77	122563	15.012	ng	97
10) Phenol	6.44	94	468773	37.205	ng	98
11) bis(2-Chloroethyl)ether	6.51	93	392713	39.735	ng	95
12) 1,3-Dichlorobenzene	6.71	146	443925	42.095	ng	98
13) 1,4-Dichlorobenzene	6.79	146	459435	42.662	ng	98
14) 1,2-Dichlorobenzene	6.94	146	388589	40.088	ng	97
15) Benzyl Alcohol	6.93	79	303889	39.938	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.04	45	667232	44.112	ng	# 43
17) 2-Methylphenol	7.04	107	322975	37.577	ng	# 86
18) Hexachloroethane	7.27	117	157268	42.003	ng	95
19) n-Nitroso-di-n-propylamine	7.19	70	280725	38.668	ng	92
20) 3+4-Methylphenols	7.20	107	447792	49.165	ng	96
22) Acetophenone	7.19	105	551407	45.505	ng	# 97
24) Nitrobenzene	7.36	77	432775	40.988	ng	100
25) Isophorone	7.60	82	799545	41.778	ng	97
26) 2-Nitrophenol	7.68	139	224299	49.447	ng	95
27) 2,4-Dimethylphenol	7.72	122	351407	45.600	ng	99
28) bis(2-Chloroethoxy)methane	7.80	93	503328	41.403	ng	98
29) 2,4-Dichlorophenol	7.93	162	350002	45.972	ng	97
30) 1,2,4-Trichlorobenzene	7.99	180	334963	41.691	ng	98
31) Naphthalene	8.07	128	1103702	41.283	ng	100
32) Benzoic acid	7.90	122	208342	41.430	ng	96
33) 4-Chloroaniline	8.16	127	61308	5.276	ng	98
34) Hexachlorobutadiene	8.17	225	197858	42.579	ng	98
35) Caprolactam	8.52	113	105308m	39.835	ng	
36) 4-Chloro-3-methylphenol	8.64	107	340115	40.645	ng	95
37) 2-Methylnaphthalene	8.76	142	718889	41.271	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	350984	44.895	ng	97
40) Hexachlorocyclopentadiene	8.90	237	66705	51.959	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	204999	43.556	nq	99
43) 2,4,5-Trichlorophenol	9.11	196	183285	35.566	nq	98
45) 1,1'-Biphenyl	9.23	154	880186	42.862	nq	99
46) 2-Chloronaphthalene	9.26	162	665106	42.329	nq	98
47) 2-Nitroaniline	9.37	65	215488	39.699	nq	93
48) Acenaphthylene	9.67	152	963636	38.828	nq	100
49) Dimethylphthalate	9.53	163	726849	39.025	nq	99
50) 2,6-Dinitrotoluene	9.61	165	156897	41.447	nq #	83
51) Acenaphthene	9.84	154	586114	39.308	nq	100
52) 3-Nitroaniline	9.79	138	53238	11.280	nq	100
53) 2,4-Dinitrophenol	9.93	184	87152	67.895	nq #	16
54) Dibenzofuran	10.02	168	849742	44.844	nq	97
55) 4-Nitrophenol	9.98	139	70307m	34.164	nq	
56) 2,4-Dinitrotoluene	10.03	165	213965	50.168	nq #	97
57) Fluorene	10.36	166	674099	42.053	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.15	232	173969	46.987	nq #	82
59) Diethylphthalate	10.23	149	712338	38.621	nq	97
60) 4-Chlorophenyl-phenylether	10.35	204	336014	43.738	nq #	88
61) 4-Nitroaniline	10.41	138	150604	31.747	nq	94
62) Azobenzene	10.50	77	722205	37.798	nq	97
64) 4,6-Dinitro-2-methylphenol	10.45	198	75927	37.601	nq	87
65) n-Nitrosodiphenylamine	10.47	169	599920	41.059	nq	96
66) 4-Bromophenyl-phenylether	10.83	248	202230	45.484	nq #	88
67) Hexachlorobenzene	10.91	284	210273	44.685	nq #	91
68) Atrazine	11.00	200	189747	43.553	nq	97
69) Pentachlorophenol	11.12	266	120263	66.890	nq	96
70) Phenanthrene	11.32	178	917032	41.673	nq	99
71) Anthracene	11.37	178	956966	42.573	nq	99
72) Carbazole	11.54	167	824184	39.163	nq	99
73) Di-n-butylphthalate	11.85	149	1033276	40.452	nq	98
74) Fluoranthene	12.52	202	888472	38.466	nq	98
76) Benzidine	12.65	184	179522	17.702	nq	98
77) Pyrene	12.75	202	901118	50.005	nq	100
79) Butylbenzylphthalate	13.35	149	367799	45.107	nq #	94
80) Benzo(a)anthracene	13.94	228	670170	42.268	nq	100
81) 3,3'-Dichlorobenzidine	13.90	252	102258	19.780	nq	96
82) Chrysene	13.97	228	659001	44.021	nq	99
83) Bis(2-ethylhexyl)phthalate	13.89	149	483625	46.827	nq	98
84) Di-n-octyl phthalate	14.50	149	775499	42.104	nq	99
85) Indeno(1,2,3-cd)pyrene	16.89	276	780175	58.524	nq	97
87) Benzo(b)fluoranthene	14.99	252	586435	37.831	nq	99
88) Benzo(k)fluoranthene	15.02	252	630465m	41.831	nq	
89) Benzo(a)pyrene	15.35	252	603748	42.249	nq	98
90) Dibenzo(a,h)anthracene	16.88	278	657515	53.590	nq	97
91) Benzo(g,h,i)perylene	17.33	276	723240	59.530	nq	95

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

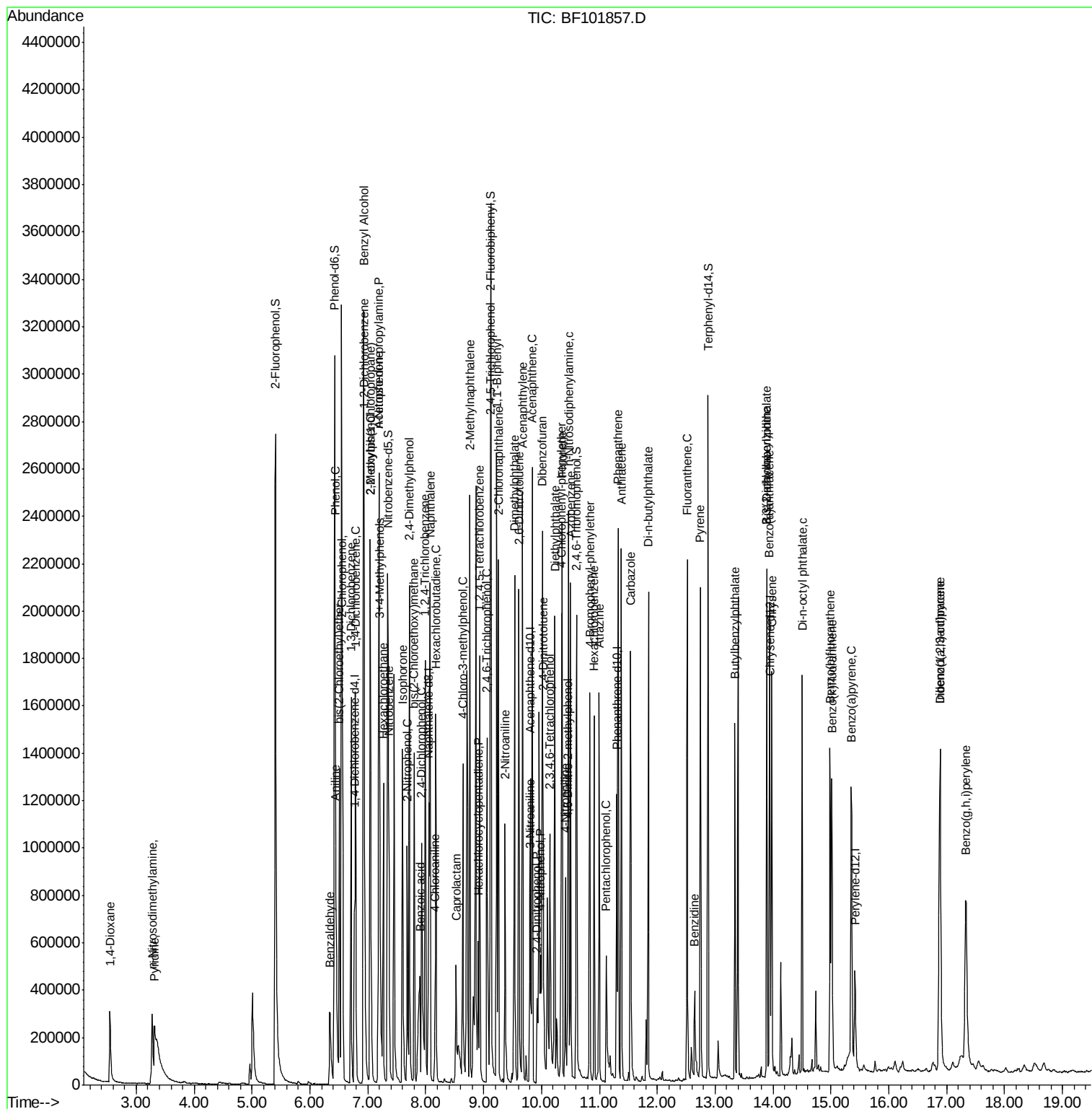
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Operator  : SJ/JU  
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Misc      :  
ALS Vial  : 4 Sample Multiplier: 1
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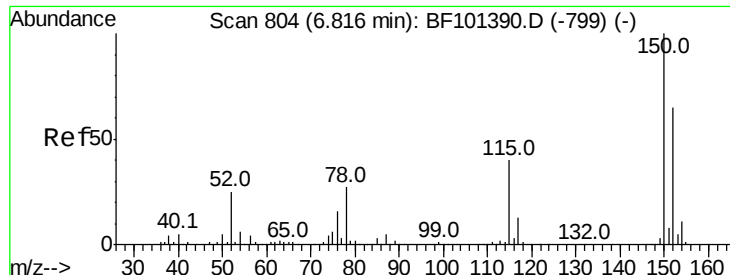
Instrument :
BNA_F
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#1

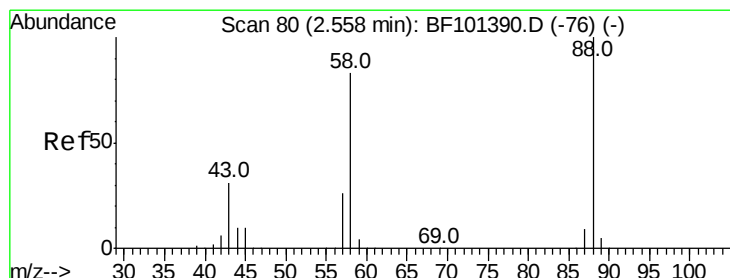
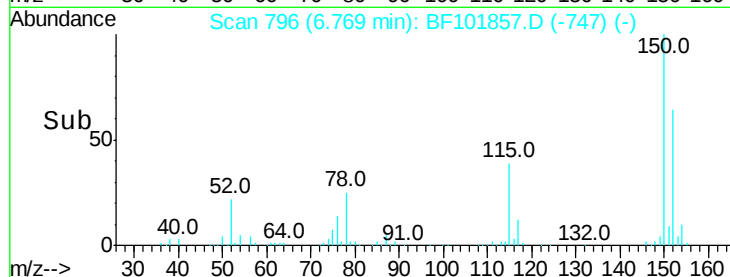
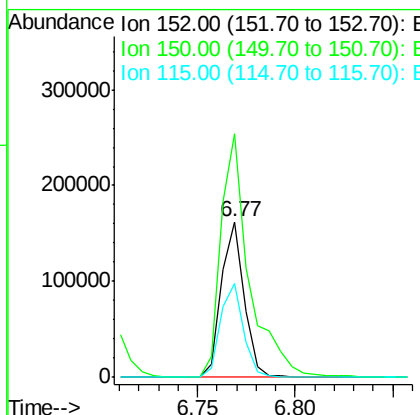
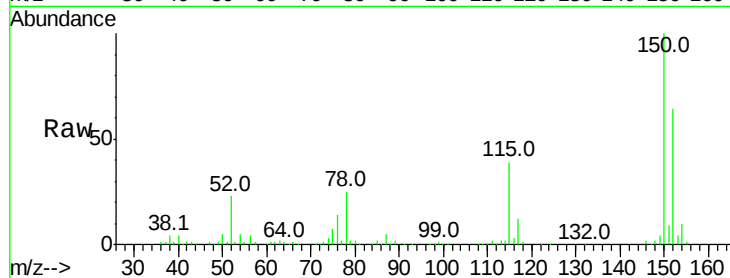
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF101857.D
Acq: 3 Jan 2018 14:02

Instrument :
BNA_F
ClientSampleId :
PB105431BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.6	186.8
115	60.3	50.1	75.1

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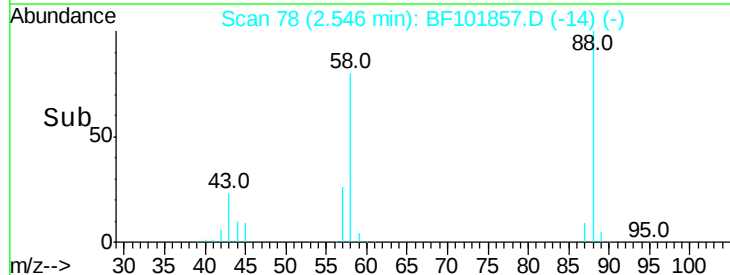
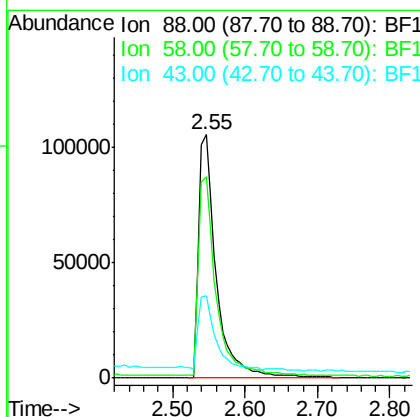
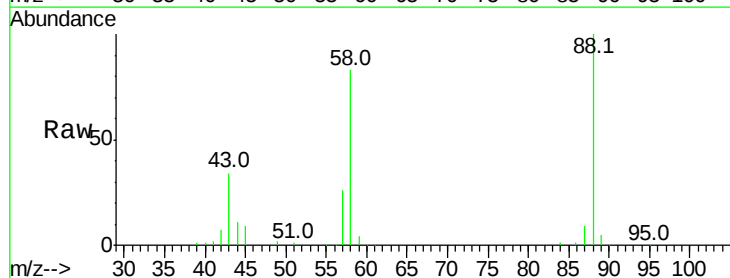
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#2

1,4-Dioxane
Concen: 39.397 ng
RT: 2.55 min Scan# 78
Delta R.T. 0.08 min
Lab File: BF101857.D
Acq: 3 Jan 2018 14:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.2	62.6	93.8
43	28.4	24.6	37.0





#3

Pvridine

Concen: 35.491 ng/ml

RT: 3.32 min Scan# 209

Delta R.T. 0.08 min

Lab File: BF101857.D

Acq: 3 Jan 2018 14:02

Instrument :

BNA_F

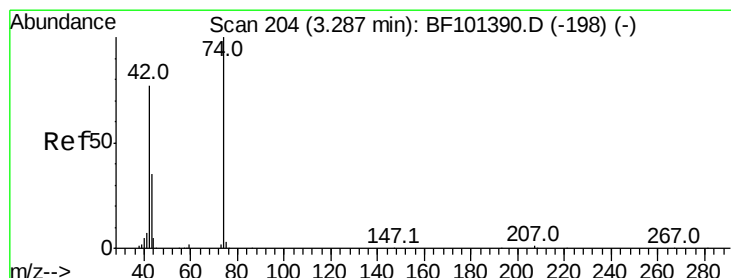
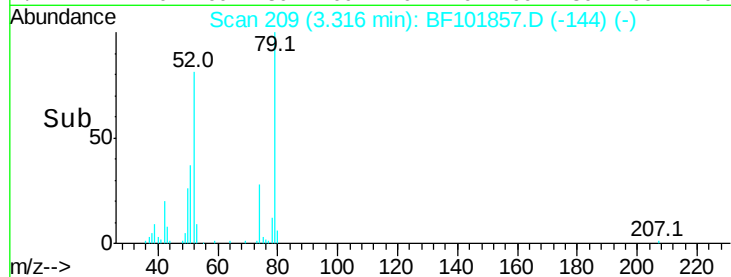
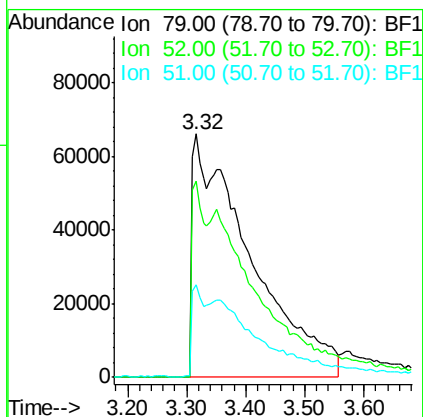
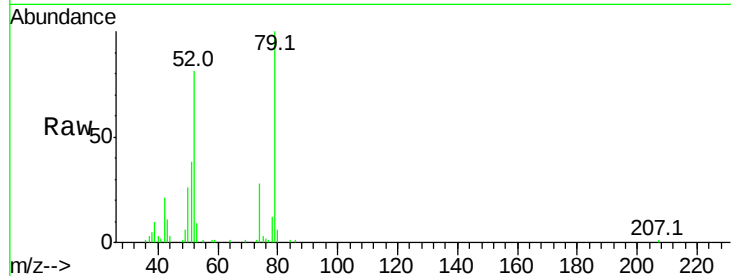
ClientSampleId :

PB105431BS

Tot Ion:	79	Resp:	450061
Ion Ratio	Lower	Upper	
79	100		
52	80.8	59.8	89.6
51	37.8	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 36.494 ng/ml

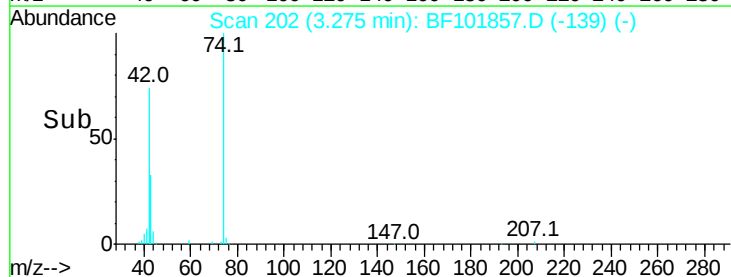
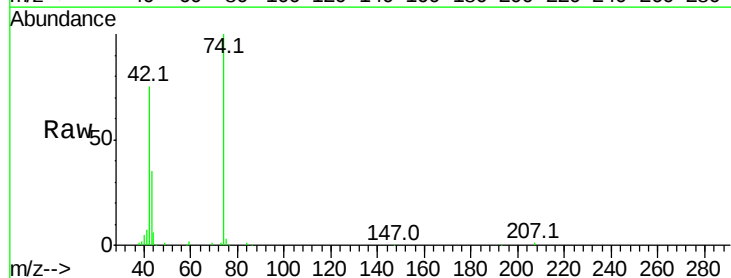
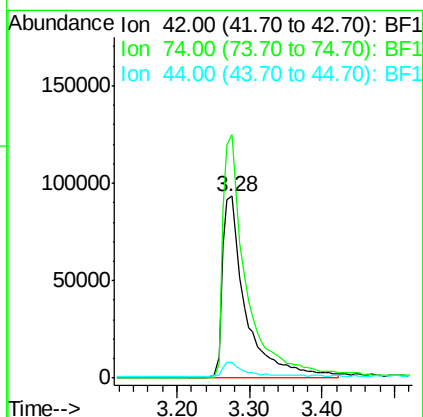
RT: 3.28 min Scan# 202

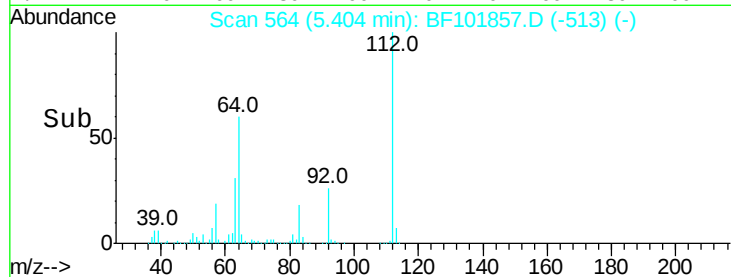
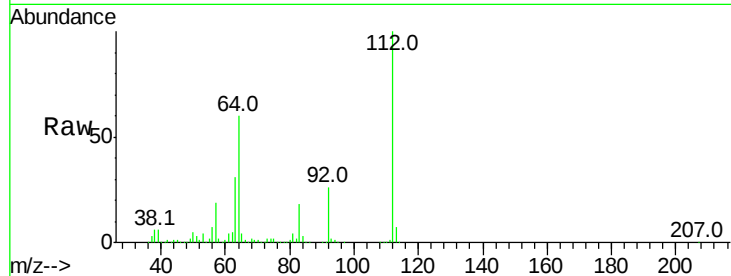
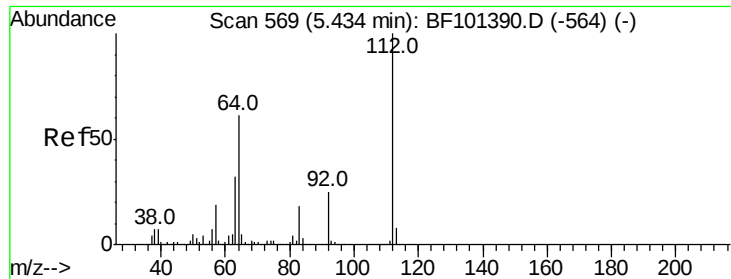
Delta R.T. 0.07 min

Lab File: BF101857.D

Acq: 3 Jan 2018 14:02

Tgt Ion:	42	Resp:	213080
Ion Ratio	Lower	Upper	
42	100		
74	133.9	104.9	157.3
44	8.5	6.9	10.3





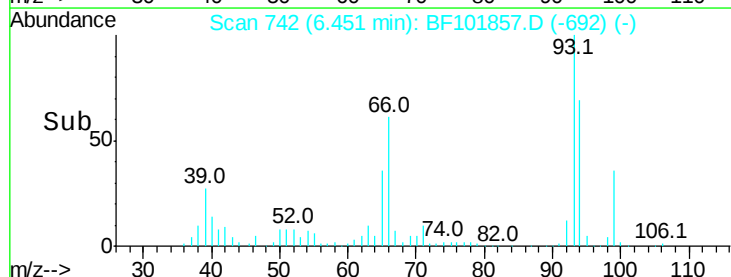
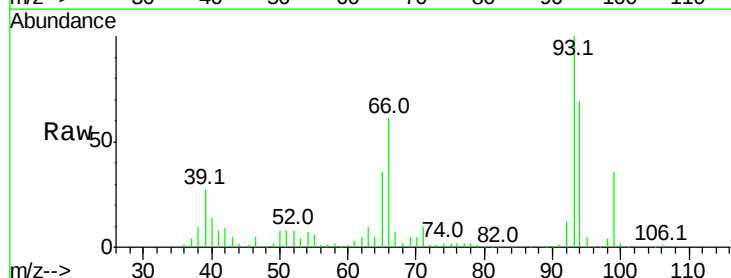
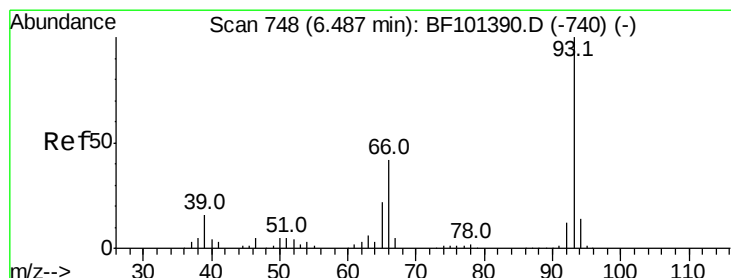
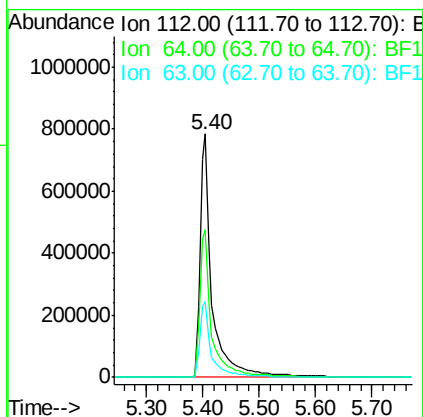
#5
2-Fluorophenol
Concen: 130.814 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF101857.D
Acq: 3 Jan 2018 14:02

Tot Ion: 112 Resp: 1161968
Ion Ratio Lower Upper
112 100
64 60.4 47.9 71.9
63 31.1 23.7 35.5

Instrument :
BNA_F
ClientSampled :
PB105431BS

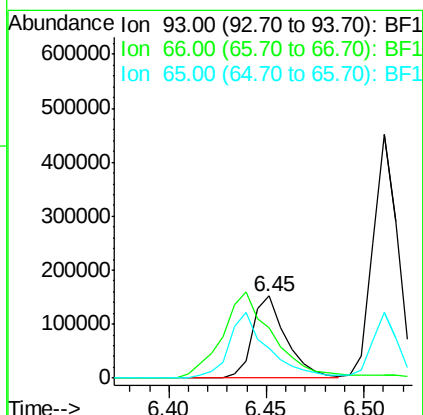
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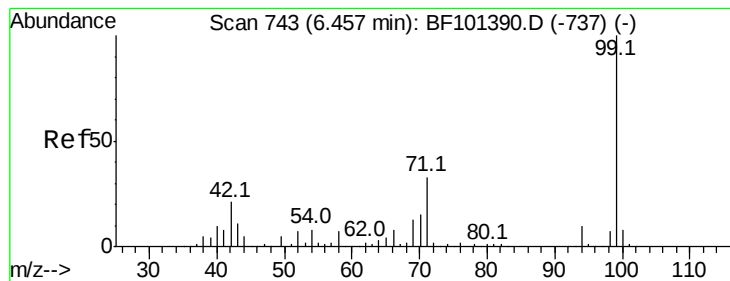
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#6
Aniline
Concen: 11.897 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF101857.D
Acq: 3 Jan 2018 14:02

Tgt Ion: 93 Resp: 182767
Ion Ratio Lower Upper
93 100
66 60.9 32.2 48.2#
65 36.0 16.4 24.6#





#7

Phenol-d6

Concen: 114.859 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF101857.D

Acq: 3 Jan 2018 14:02

Instrument :

BNA_F

ClientSampleId :

PB105431BS

Tot Ion: 99 Resp: 1269728

Ion Ratio Lower Upper

99 100

42 20.1 14.5 21.7

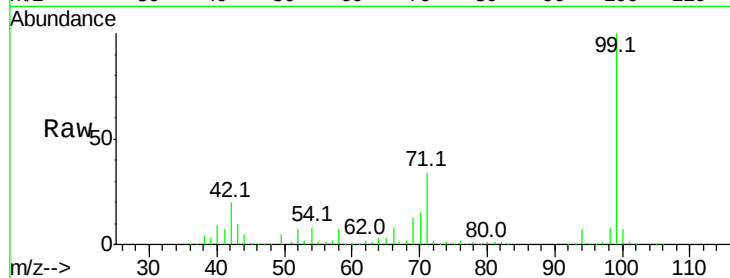
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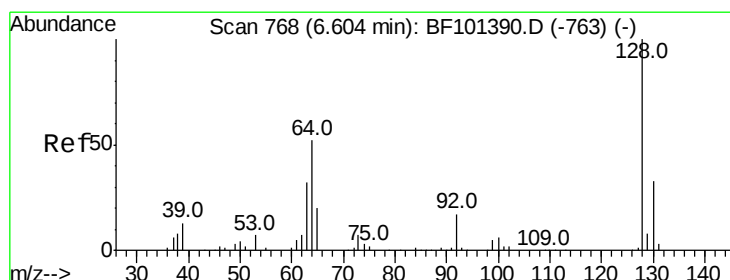
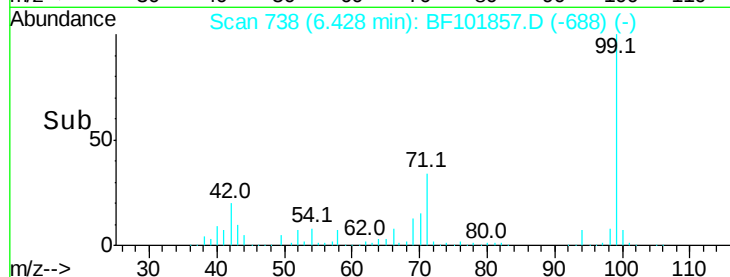
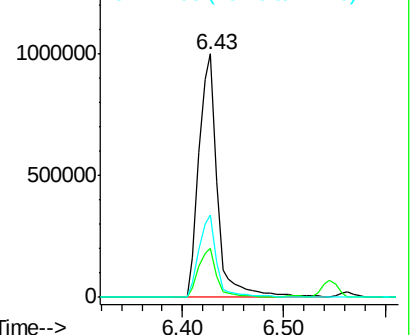
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.886 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF101857.D

Acq: 3 Jan 2018 14:02

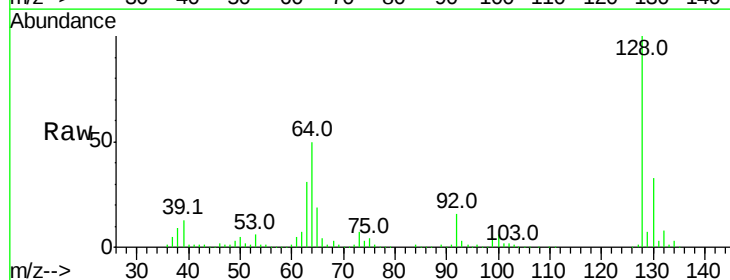
Tgt Ion:128 Resp: 391382

Ion Ratio Lower Upper

128 100

130 32.9 13.0 53.0

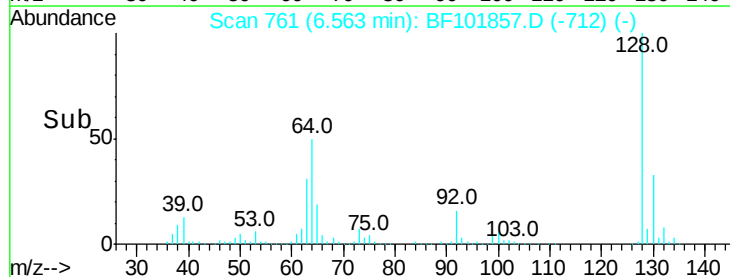
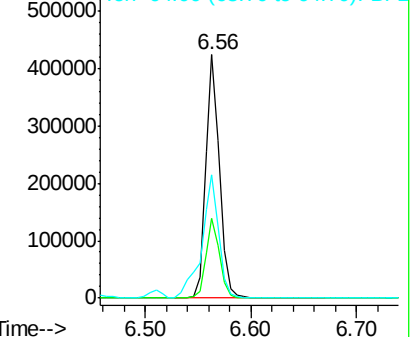
64 50.4 29.4 69.4

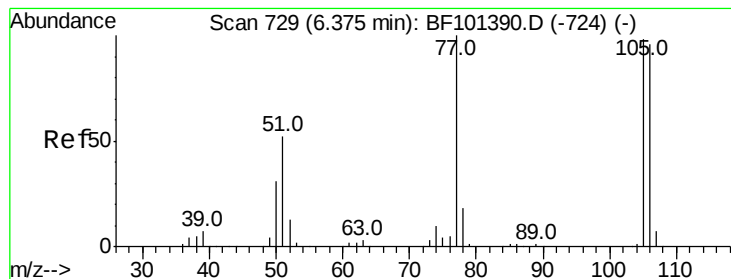


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 15.012 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF101857.D

Acq: 3 Jan 2018 14:02

Instrument :

BNA_F

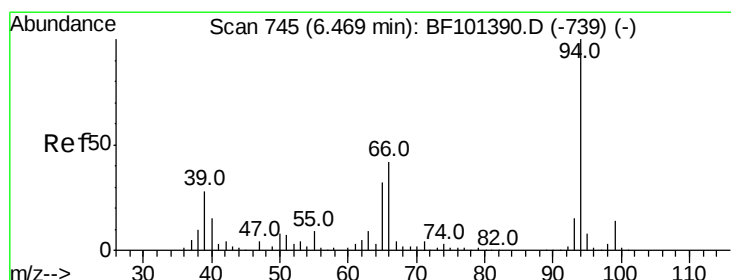
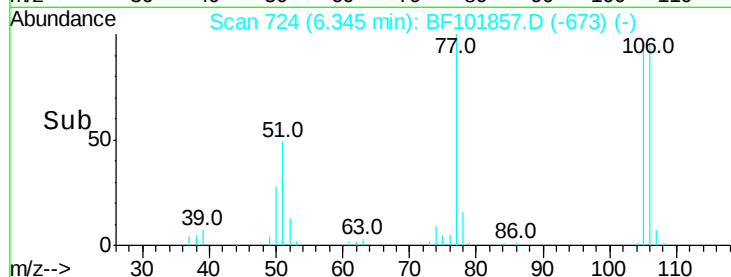
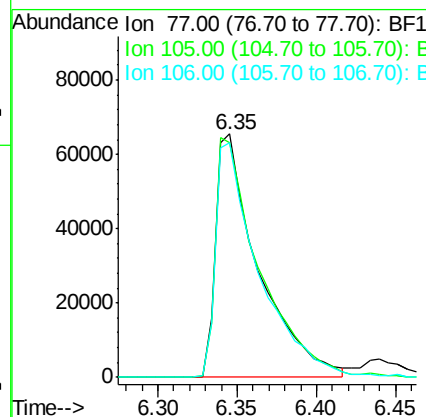
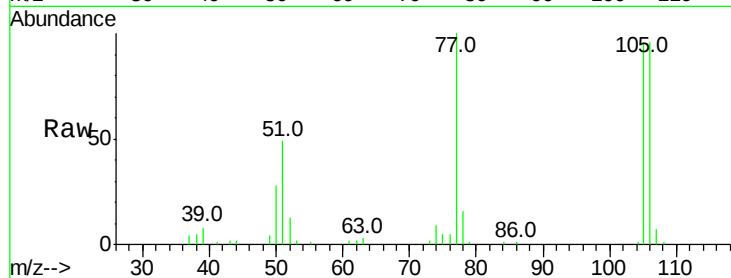
ClientSampleId :

PB105431BS

Tot Ion:	77	Resp:	122563
Ion	Ratio	Lower	Upper
77	100		
105	96.2	81.1	121.1
106	96.2	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 37.205 ng

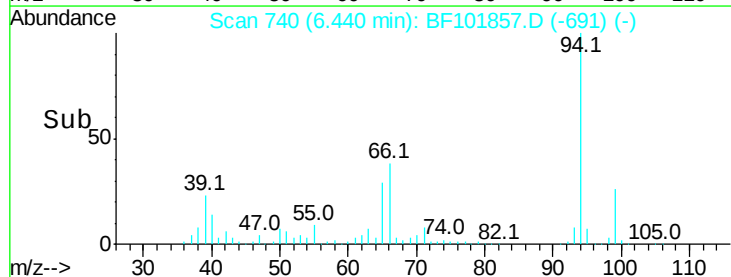
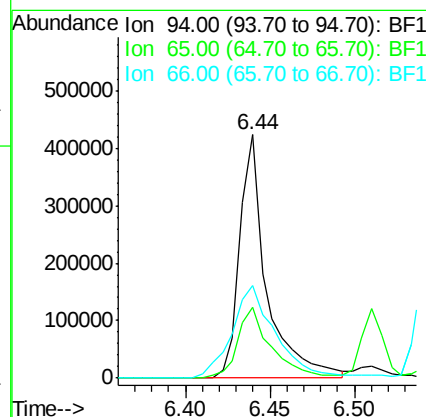
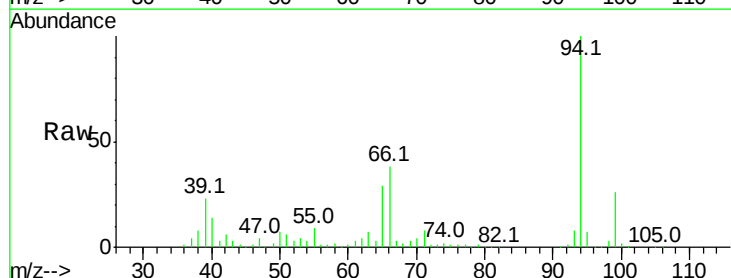
RT: 6.44 min Scan# 740

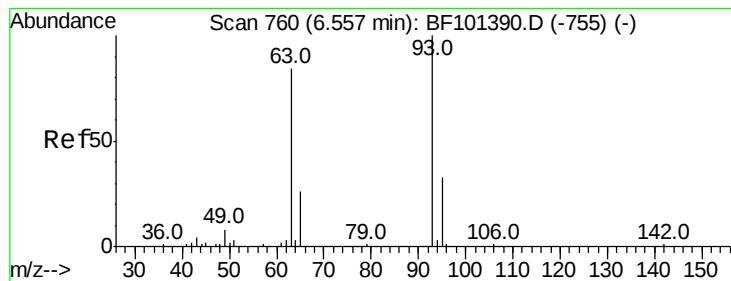
Delta R.T. -0.01 min

Lab File: BF101857.D

Acq: 3 Jan 2018 14:02

Tgt Ion:	94	Resp:	468773
Ion	Ratio	Lower	Upper
94	100		
65	28.9	7.9	47.9
66	37.8	16.2	56.2





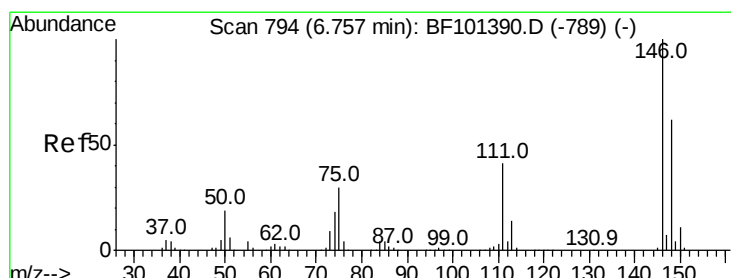
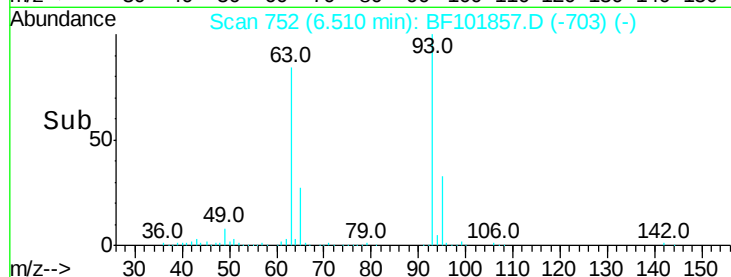
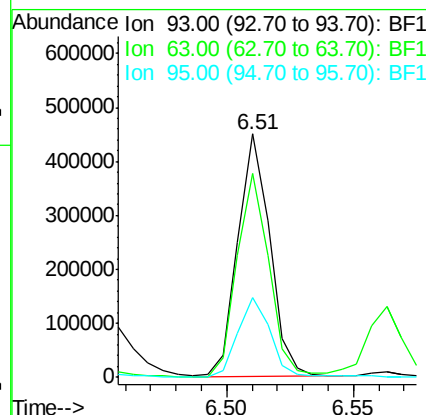
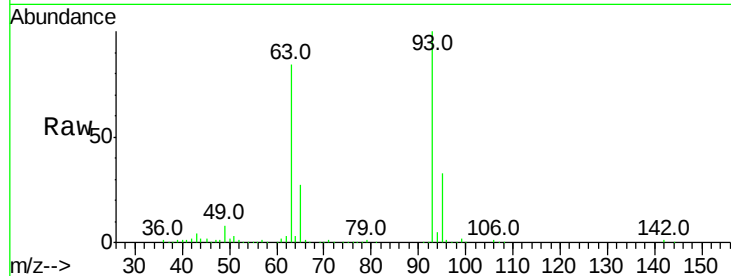
#11
bis(2-Chloroethyl)ether
Concen: 39.735 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF101857.D
Acq: 3 Jan 2018 14:02

Instrument :
BNA_F
ClientSampleId :
PB105431BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	392713		
63	83.7	58.6	98.6	
95	32.7	11.8	51.8	

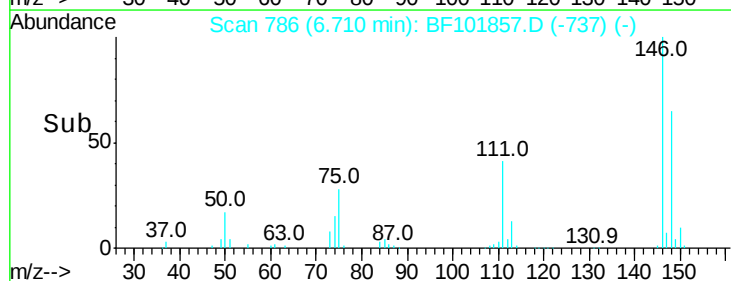
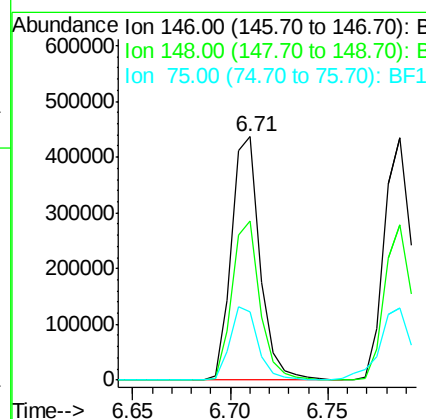
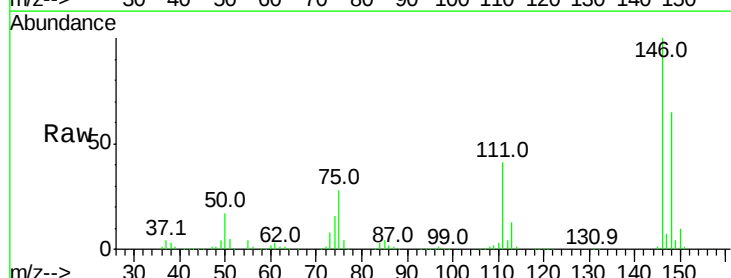
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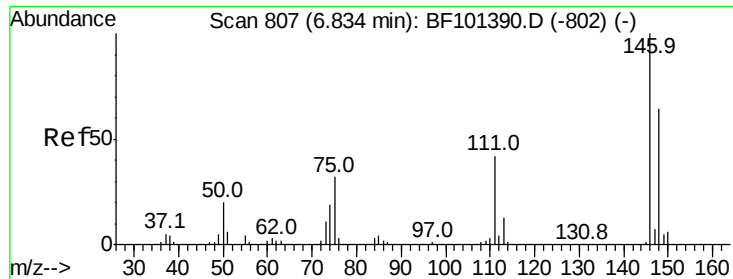
Sohil
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#12
1,3-Dichlorobenzene
Concen: 42.095 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF101857.D
Acq: 3 Jan 2018 14:02

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	443925		
148	65.2	51.8	77.8	
75	28.2	24.2	36.4	





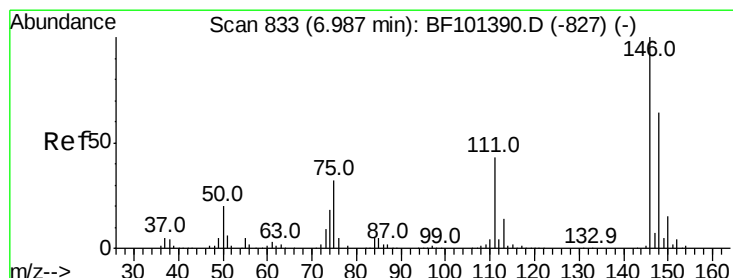
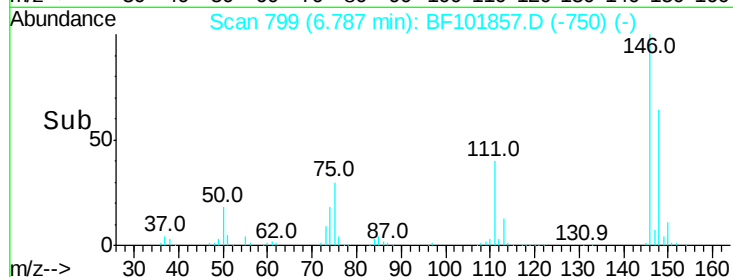
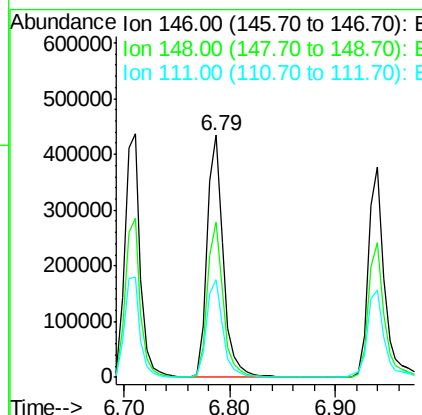
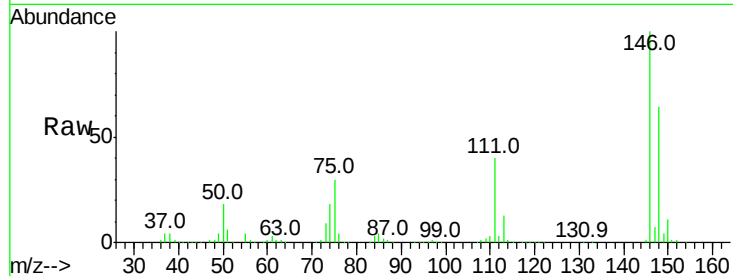
#13
 1,4-Dichlorobenzene
 Concen: 42.662 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF101857.D
 Acq: 3 Jan 2018 14:02

Instrument :
 BNA_F
 ClientSampleId :
 PB105431BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.8	76.2
111	40.4	34.2	51.2

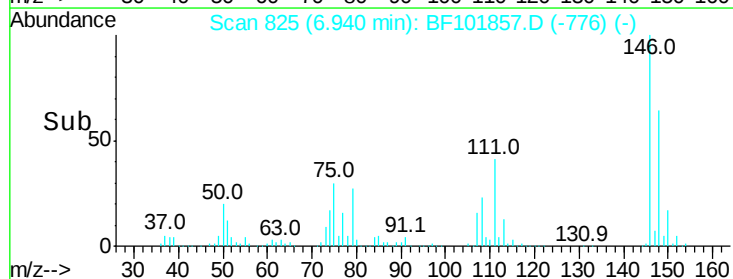
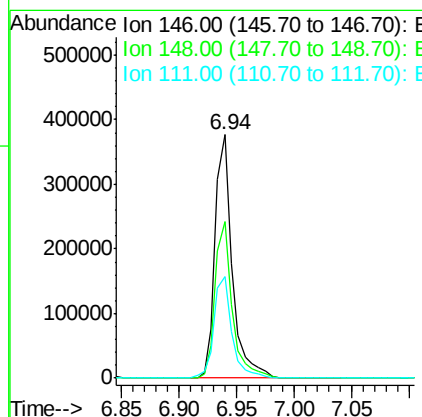
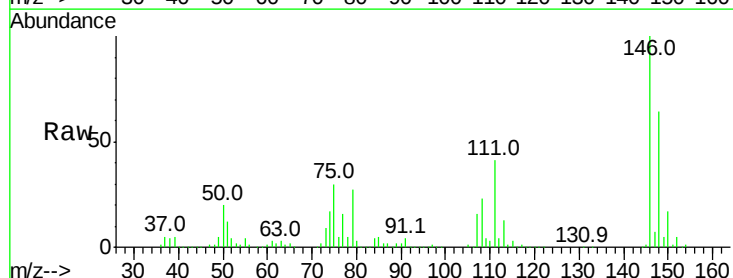
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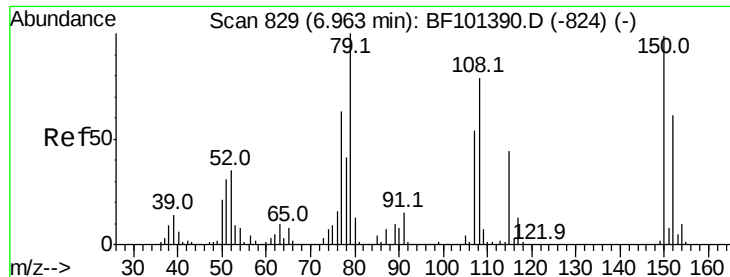
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#14
 1,2-Dichlorobenzene
 Concen: 40.088 ng
 RT: 6.94 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF101857.D
 Acq: 3 Jan 2018 14:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.6	75.8
111	41.5	36.0	54.0





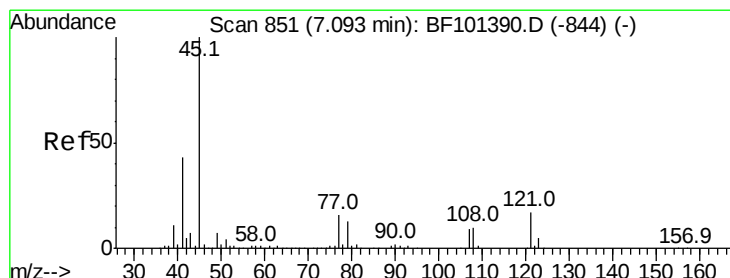
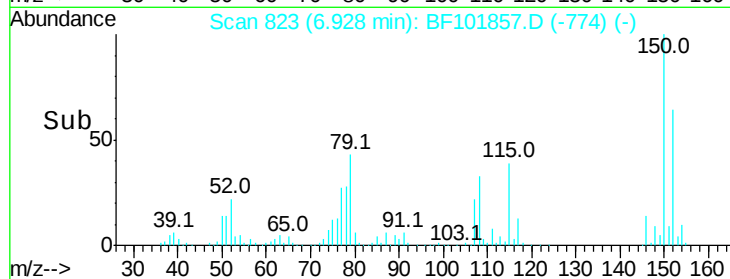
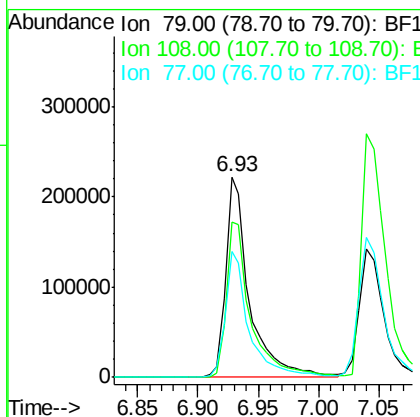
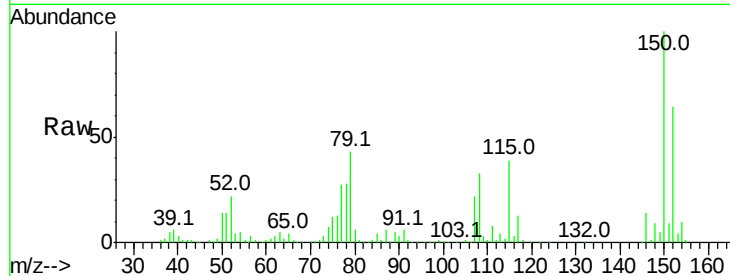
#15
Benzyl Alcohol
Concen: 39.938 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF101857.D
Acq: 3 Jan 2018 14:02

Instrument :
BNA_F
ClientSampleId :
PB105431BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.5	65.1	97.7
77	62.6	50.6	75.8

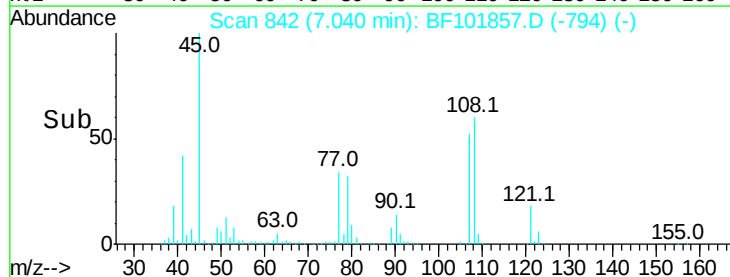
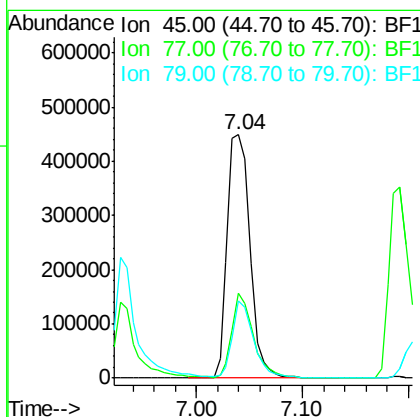
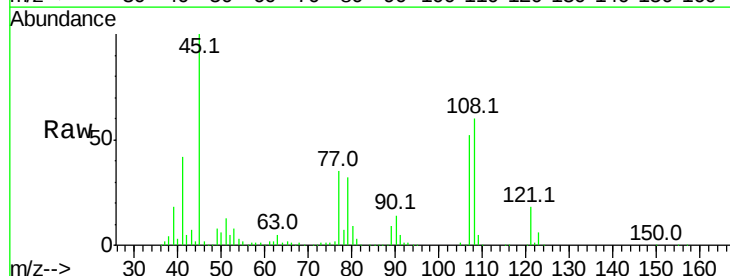
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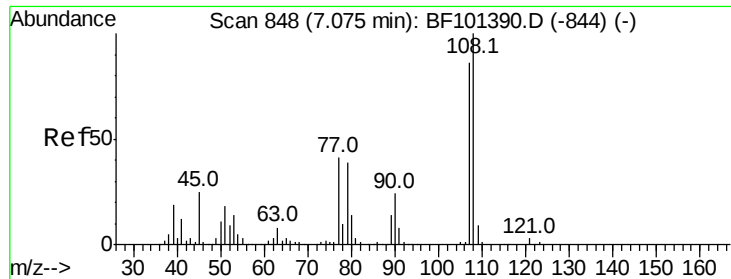
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.112 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.02 min
Lab File: BF101857.D
Acq: 3 Jan 2018 14:02

Tgt Ion	Ratio	Lower	Upper
45	100		
77	34.6	0.0	32.9#
79	31.7	0.0	29.6#





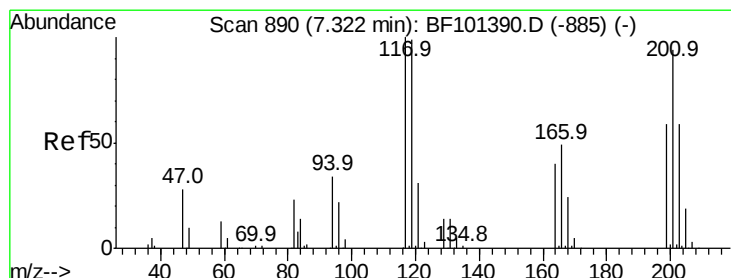
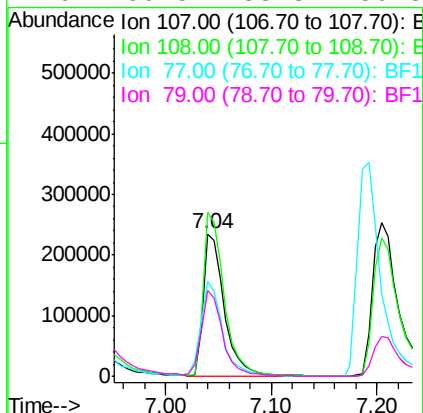
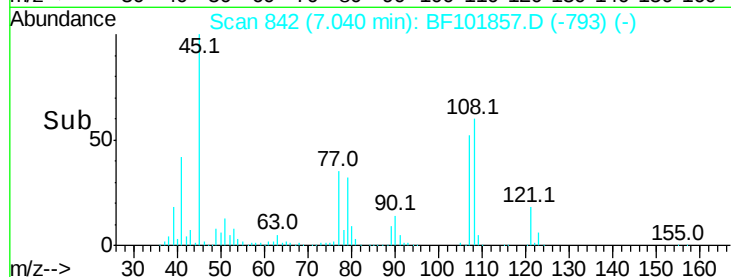
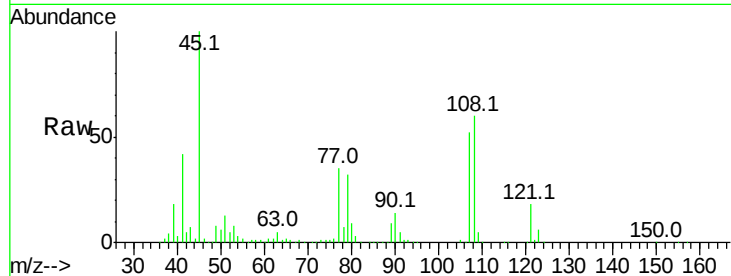
#17
2-Methylphenol
Concen: 37.577 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF101857.D
Acq: 3 Jan 2018 14:02

Instrument :
BNA_F
ClientSampleId :
PB105431BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.8	91.7	137.5	
77	66.1	33.8	50.8#	
79	60.5	33.8	50.8#	

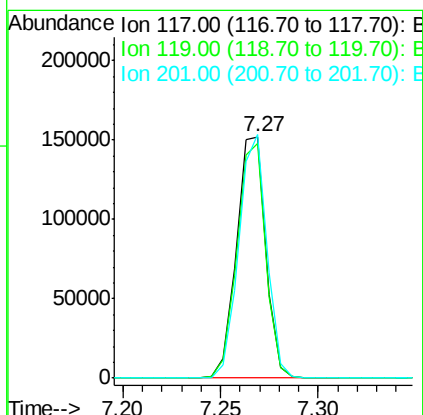
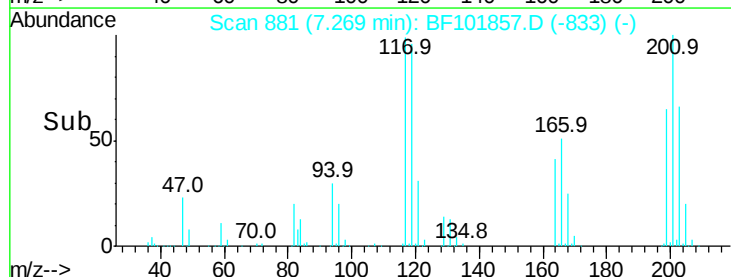
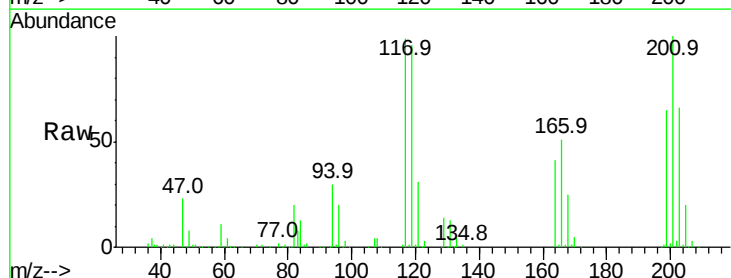
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#18
Hexachloroethane
Concen: 42.003 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF101857.D
Acq: 3 Jan 2018 14:02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.2	75.8	113.8	
201	101.0	75.7	113.5	





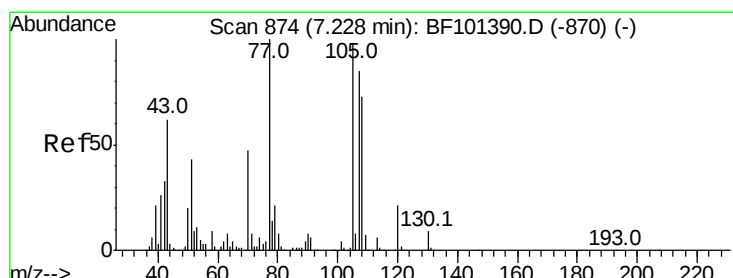
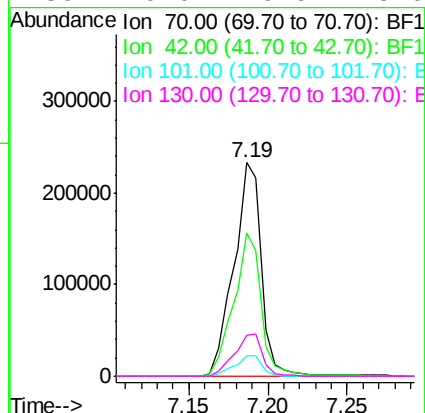
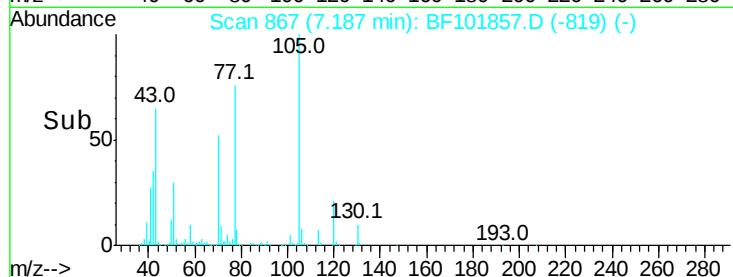
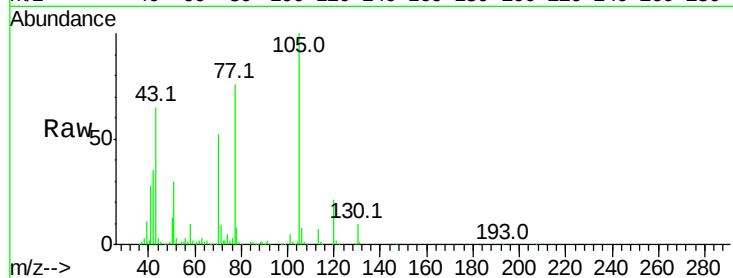
#19
n-Nitroso-di-n-propylamine
Concen: 38.668 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.02 min
Lab File: BF101857.D
Acq: 3 Jan 2018 14:02

Instrument :
BNA_F
ClientSampleId :
PB105431BS

Tot Ion	70	Resp	280725
Ion Ratio	Lower	Upper	
70	100		
42	67.4	47.5	71.3
101	9.4	7.4	11.2
130	19.0	16.6	25.0

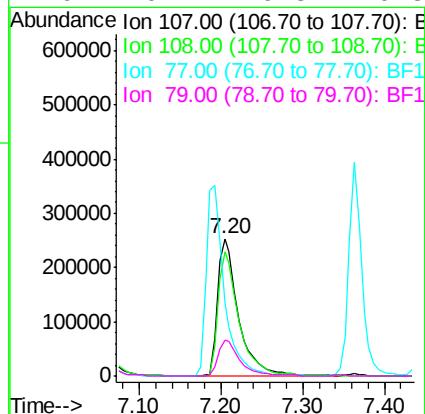
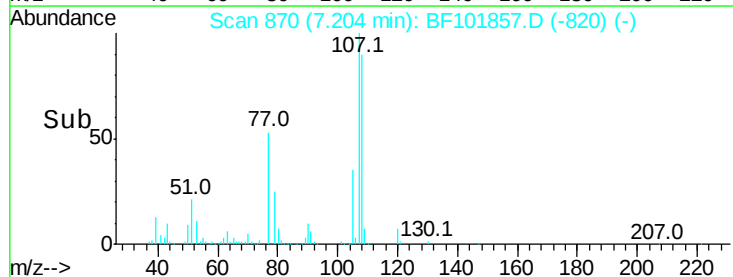
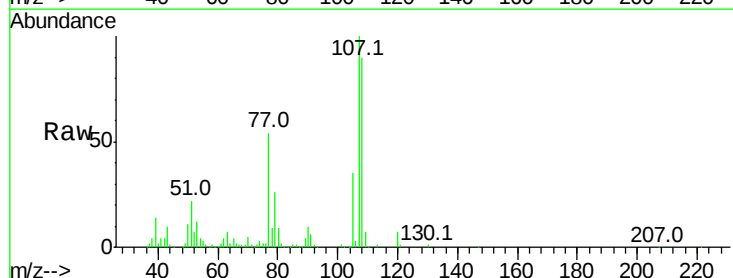
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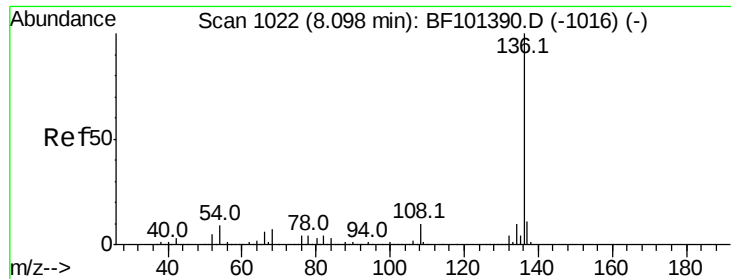
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#20
3+4-Methylphenols
Concen: 49.165 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF101857.D
Acq: 3 Jan 2018 14:02

Tgt Ion	107	Resp	447792
Ion Ratio	Lower	Upper	
107	100		
108	90.4	68.2	108.2
77	53.5	26.7	66.7
79	26.1	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.02 min

Lab File: BF101857.D

Acq: 3 Jan 2018 14:02

Instrument :

BNA_F

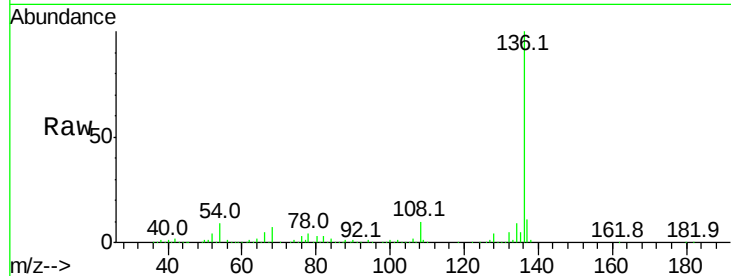
ClientSampleId :

PB105431BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	10.9		8.9	13.3	
54	8.9		6.6	9.8	
68	6.7		5.0	7.4	

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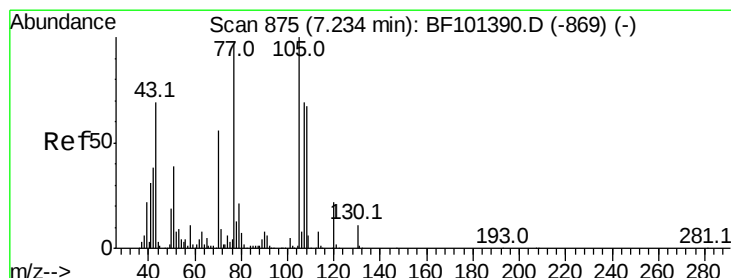
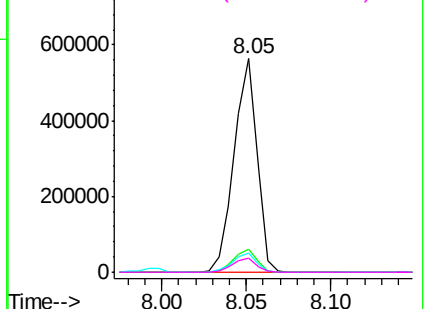
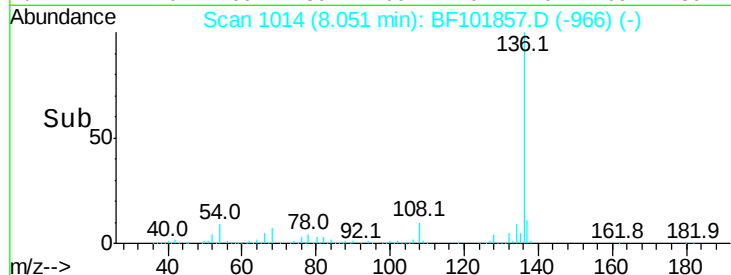
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 45.505 ng

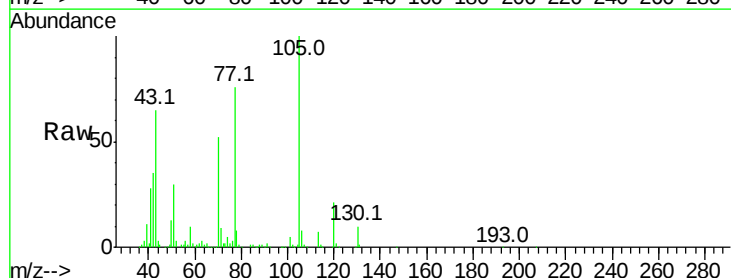
RT: 7.19 min Scan# 867

Delta R.T. -0.02 min

Lab File: BF101857.D

Acq: 3 Jan 2018 14:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	8.9		4.4	6.6#	
51	29.6		22.3	33.5	
120	21.4		16.9	25.3	



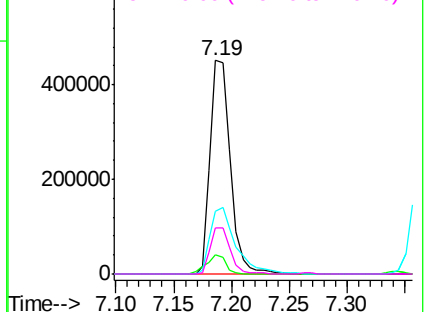
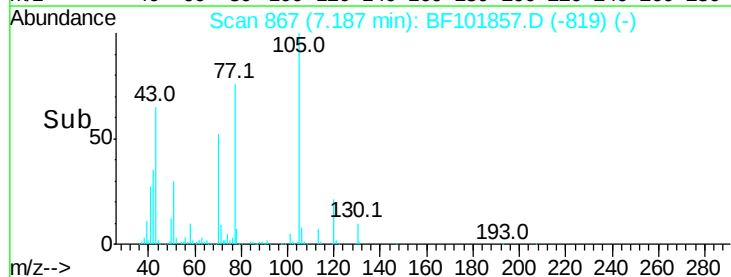
Abundance

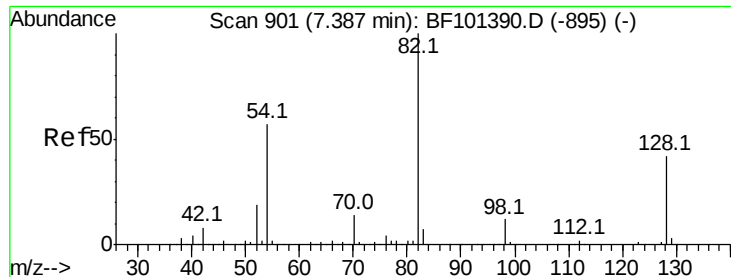
Ion 105.00 (104.70 to 105.70): E

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





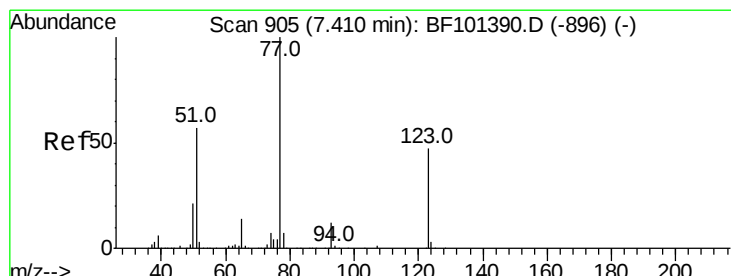
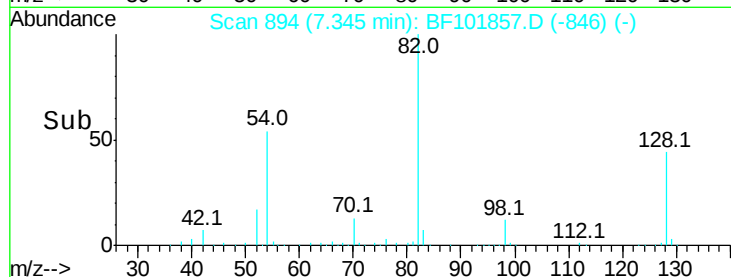
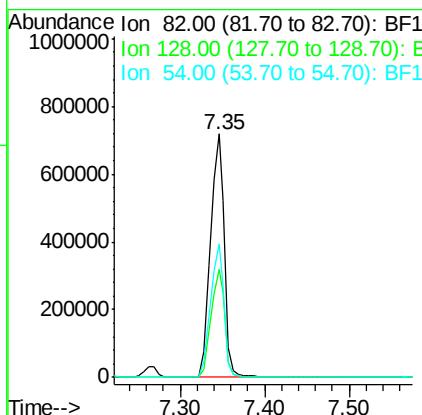
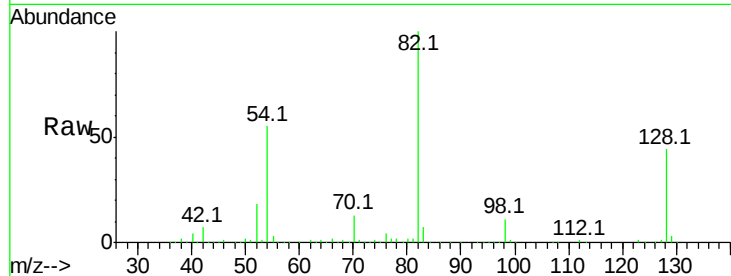
#23
 Nitrobenzene-d5
 Concen: 87.846 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.02 min
 Lab File: BF101857.D
 Acq: 3 Jan 2018 14:02

Instrument :
 BNA_F
 ClientSampleId :
 PB105431BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.3	36.1	54.1
54	54.7	41.4	62.2

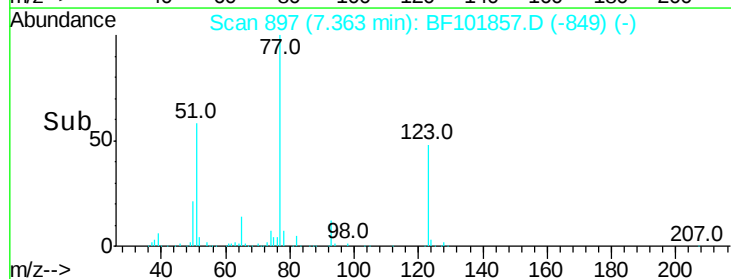
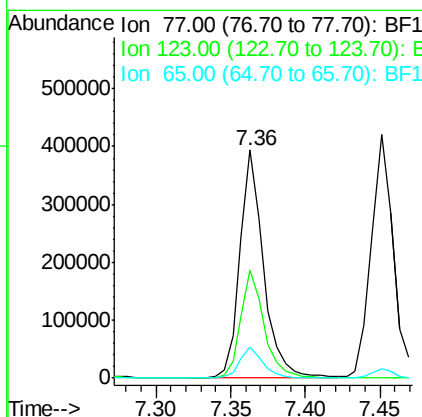
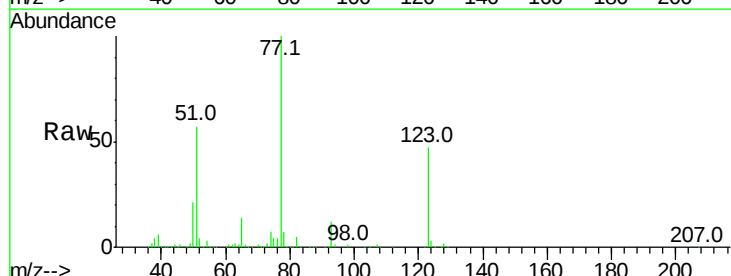
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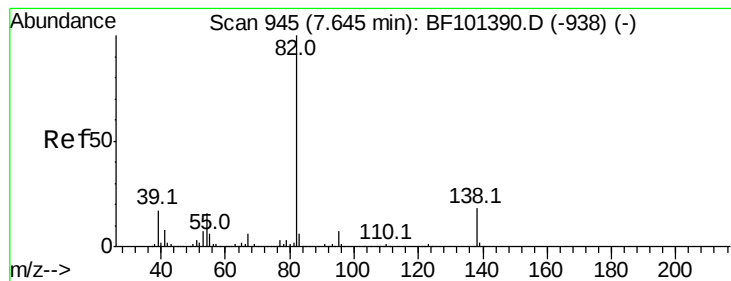
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#24
 Nitrobenzene
 Concen: 40.988 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.02 min
 Lab File: BF101857.D
 Acq: 3 Jan 2018 14:02

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.4	37.9	56.9
65	13.6	11.0	16.4





#25

Isophorone

Concen: 41.778 ng

RT: 7.60 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF101857.D

Acq: 3 Jan 2018 14:02

Instrument :

BNA_F

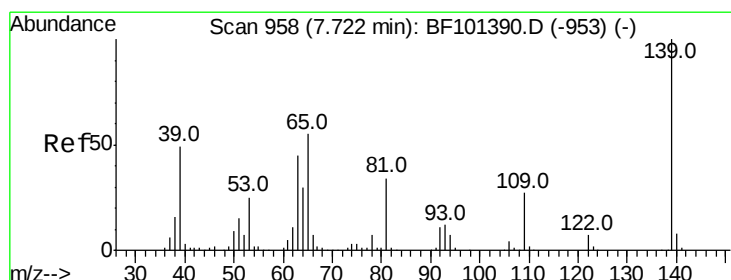
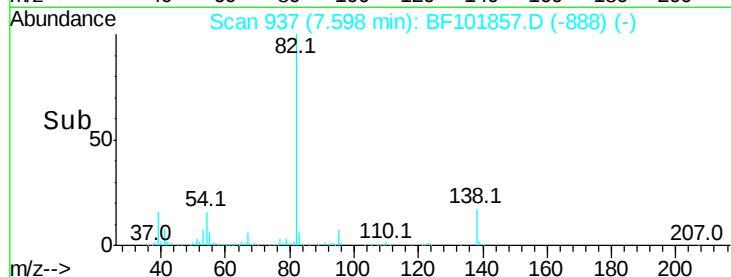
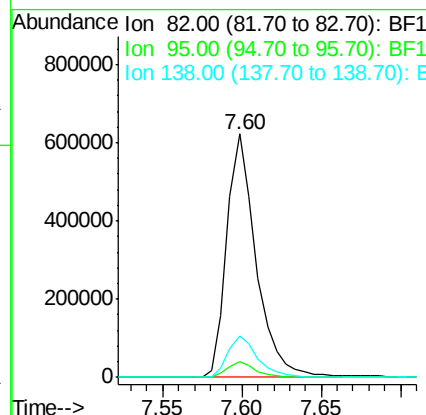
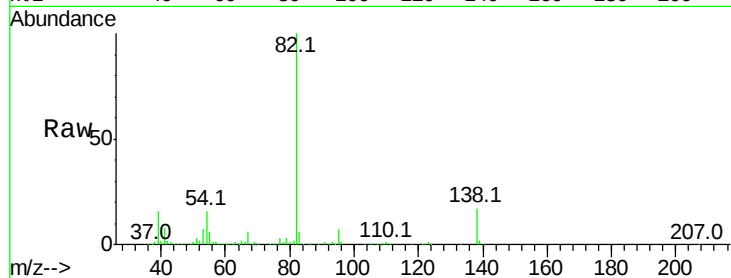
ClientSampleId :

PB105431BS

Tot Ion:	82	Resp:	799545
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.2	7.8
138	17.1	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 49.447 ng

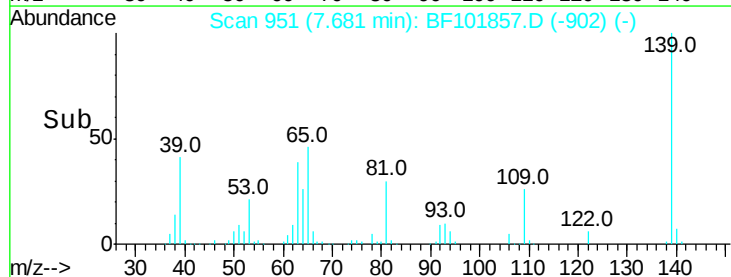
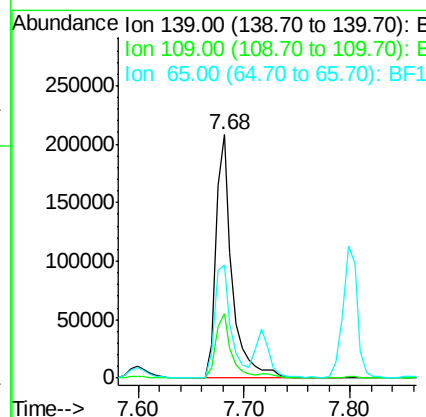
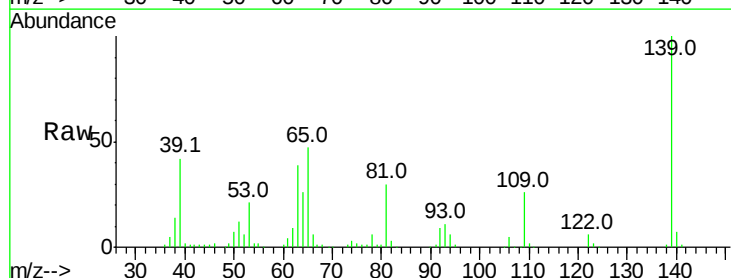
RT: 7.68 min Scan# 951

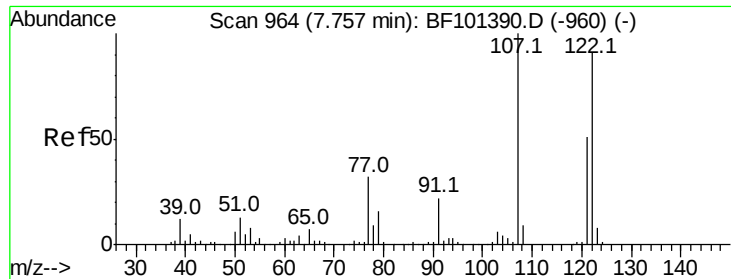
Delta R.T. -0.01 min

Lab File: BF101857.D

Acq: 3 Jan 2018 14:02

Tgt Ion:	139	Resp:	224299
Ion Ratio	Lower	Upper	
139	100		
109	26.4	22.7	34.1
65	46.6	40.5	60.7





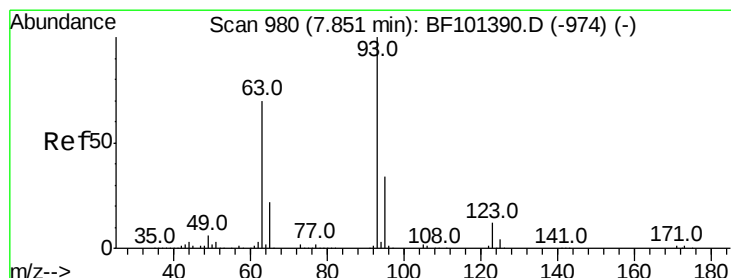
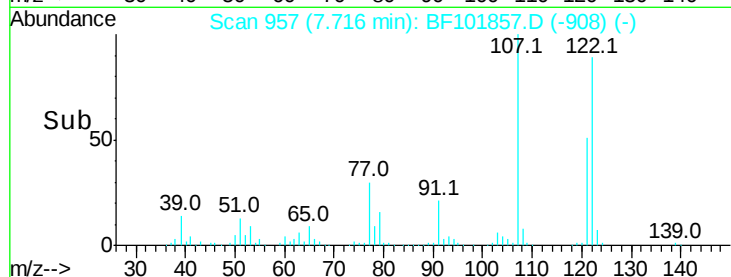
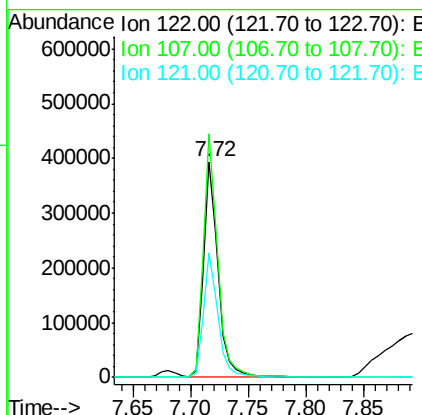
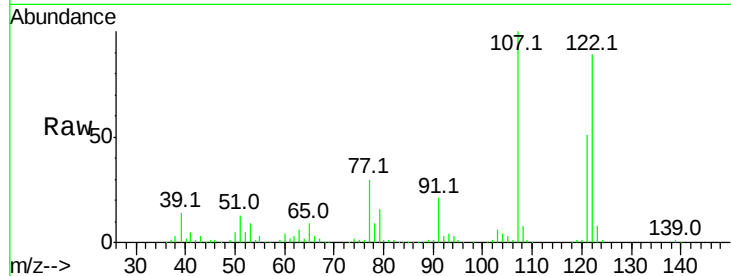
#27
2,4-Dimethylphenol
Concen: 45.600 ng
RT: 7.72 min Scan# 957
Delta R.T. -0.01 min
Lab File: BF101857.D
Acq: 3 Jan 2018 14:02

Instrument :
BNA_F
ClientSampleId :
PB105431BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.7	91.2	136.8
121	57.8	47.2	70.8

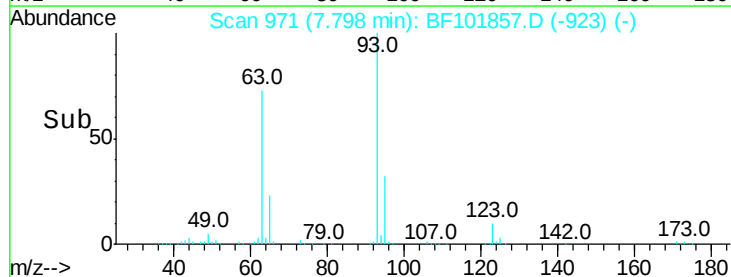
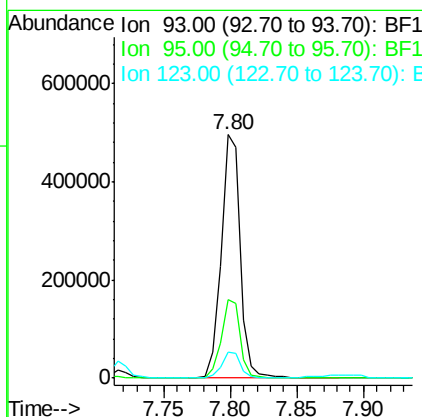
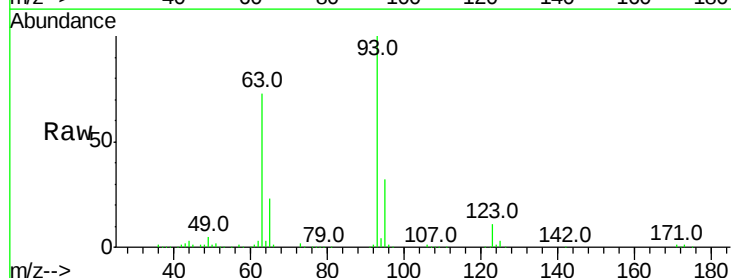
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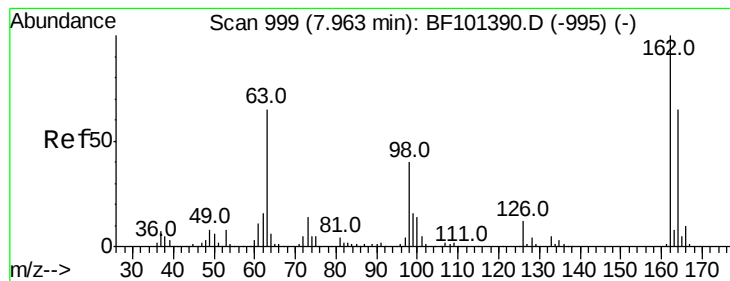
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#28
bis(2-Chloroethoxy)methane
Concen: 41.403 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.02 min
Lab File: BF101857.D
Acq: 3 Jan 2018 14:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.3	39.5
123	10.5	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 45.972 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.01 min

Lab File: BF101857.D

Acq: 3 Jan 2018 14:02

Instrument :

BNA_F

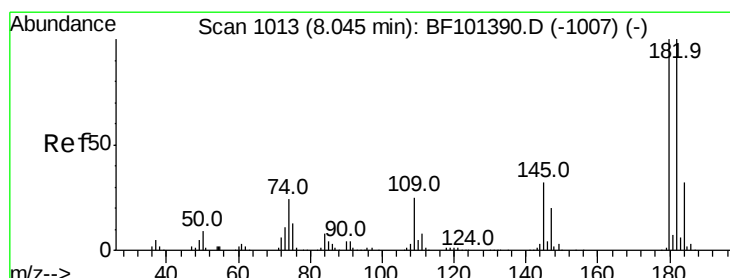
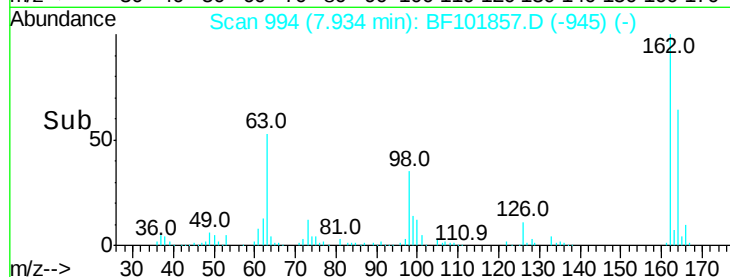
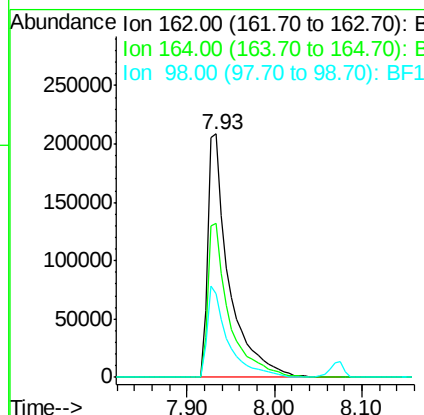
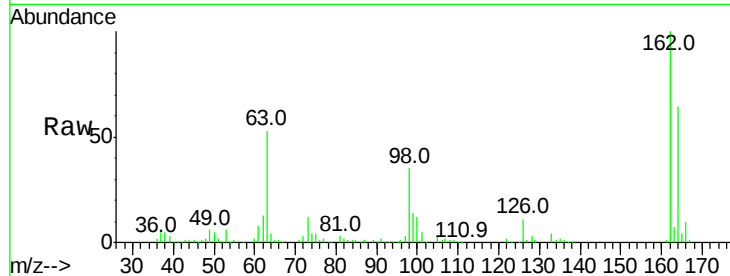
ClientSampleId :

PB105431BS

Tot Ion:	162	Resp:	350002
Ion Ratio	Lower	Upper	
162	100		
164	63.5	42.7	82.7
98	34.5	18.1	58.1

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#30

1,2,4-Trichlorobenzene

Concen: 41.691 ng

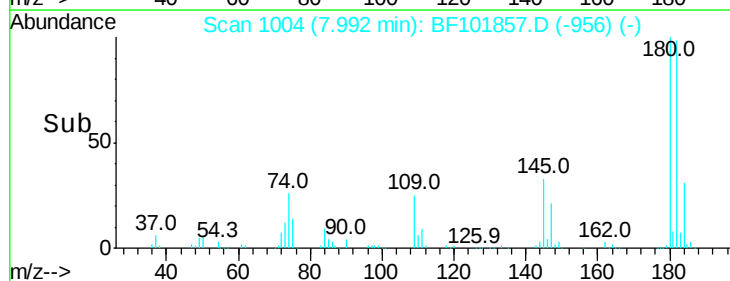
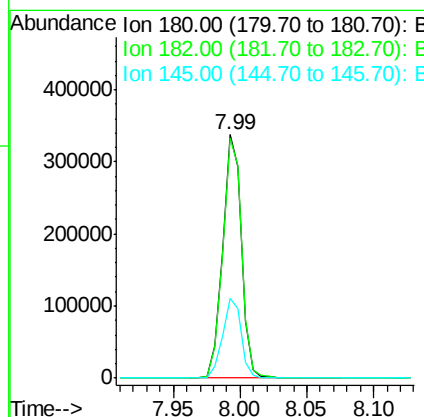
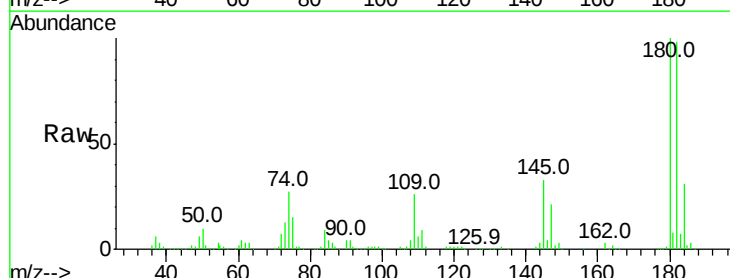
RT: 7.99 min Scan# 1004

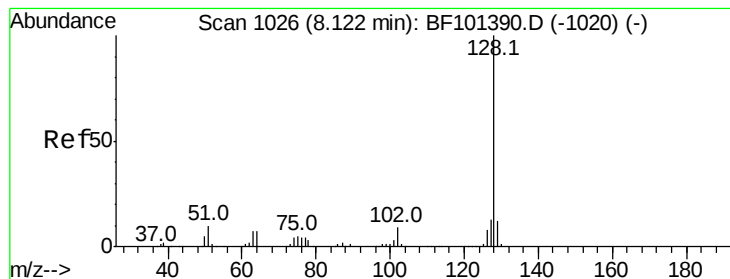
Delta R.T. -0.02 min

Lab File: BF101857.D

Acq: 3 Jan 2018 14:02

Tgt Ion:	180	Resp:	334963
Ion Ratio	Lower	Upper	
180	100		
182	98.4	76.8	115.2
145	32.9	26.5	39.7





#31

Naphthalene

Concen: 41.283 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF101857.D

Acq: 3 Jan 2018 14:02

Instrument :

BNA_F

ClientSampled :

PB105431BS

Tot Ion:128 Resp: 1103702

Ion Ratio Lower Upper

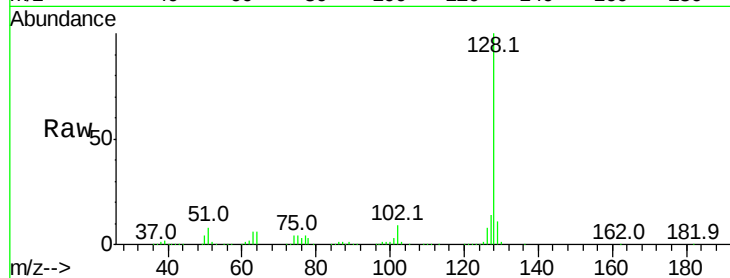
128 100

129 11.1 8.8 13.2

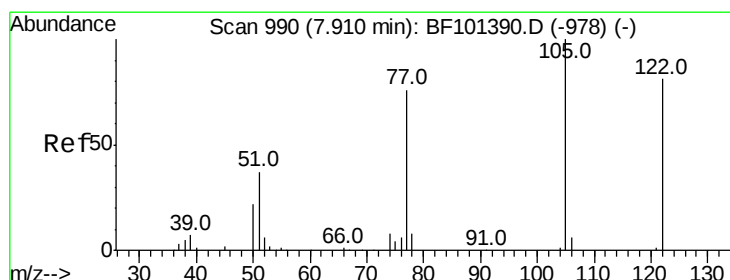
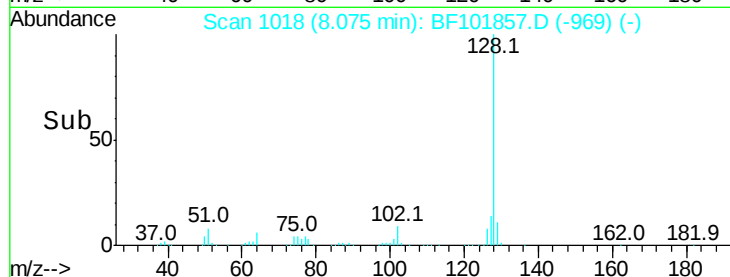
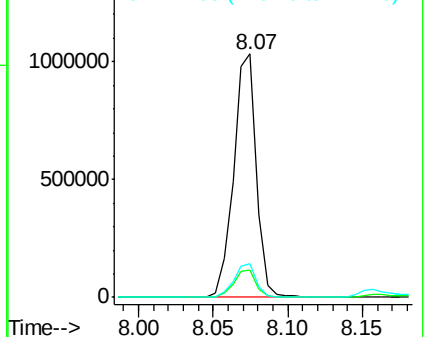
127 13.7 10.9 16.3

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



#32

Benzoic acid

Concen: 41.430 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF101857.D

Acq: 3 Jan 2018 14:02

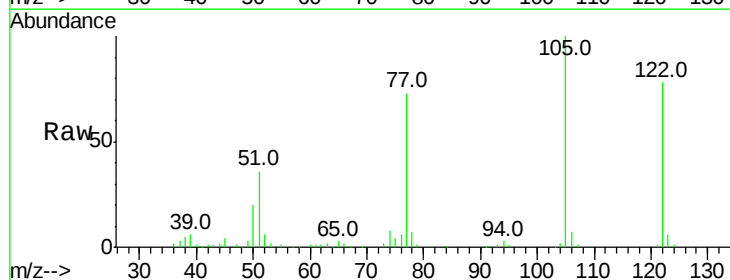
Tgt Ion:122 Resp: 208342

Ion Ratio Lower Upper

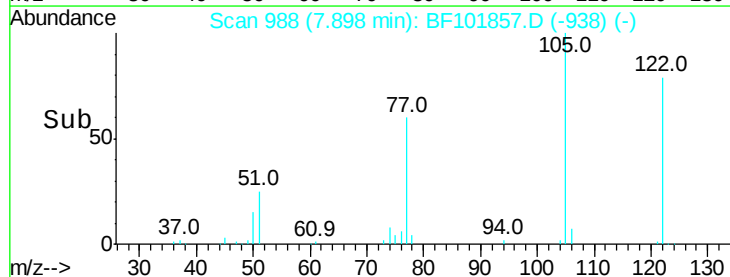
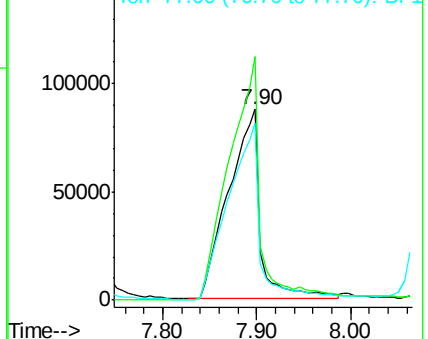
122 100

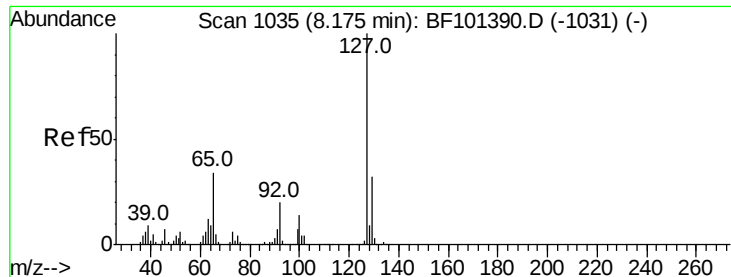
105 127.4 101.1 141.1

77 92.4 70.7 110.7



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





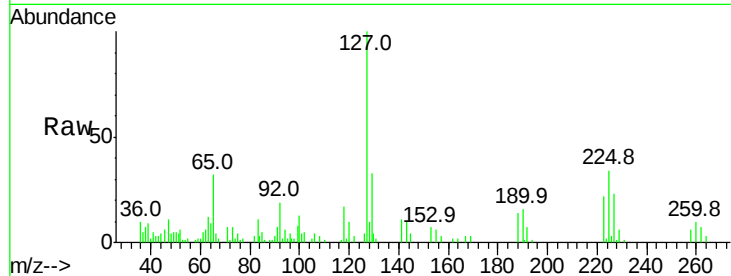
#33
4-Chloroaniline
Concen: 5.276 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BF101857.D
Acq: 3 Jan 2018 14:02

Instrument :
BNA_F
ClientSampleId :
PB105431BS

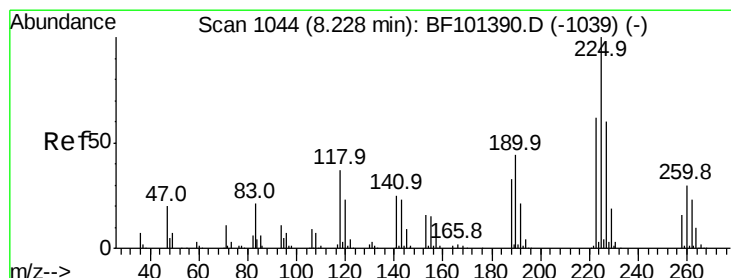
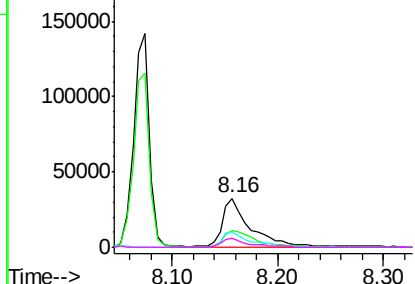
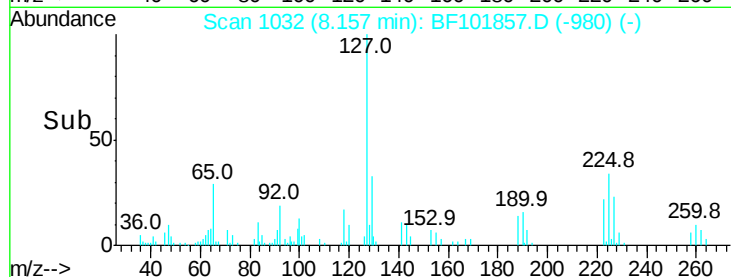
Tot Ion	Ratio	Lower	Upper
127	100		
129	33.4	25.9	38.9
65	32.2	25.0	37.4
92	18.5	15.2	22.8

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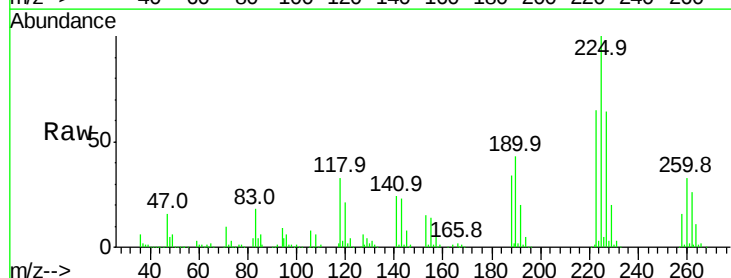


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

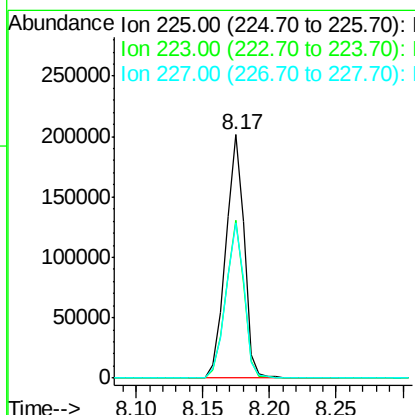
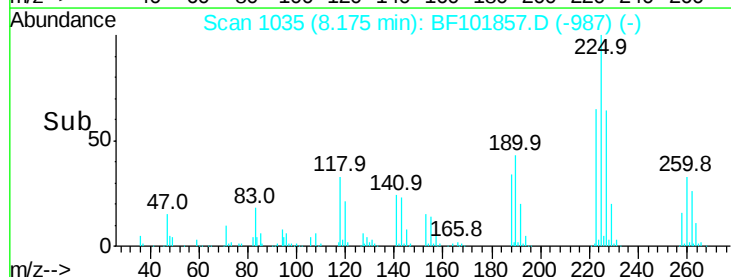


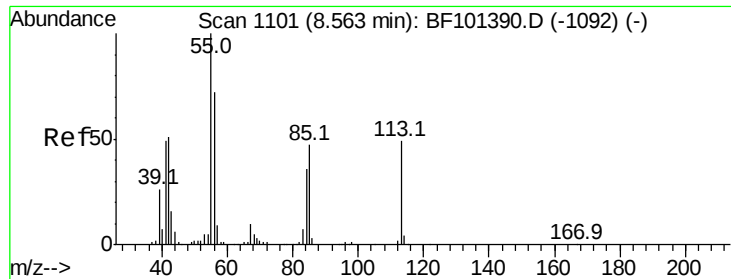
#34
Hexachlorobutadiene
Concen: 42.579 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BF101857.D
Acq: 3 Jan 2018 14:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.9	50.6	76.0
227	63.8	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: 39.835 ng/ml

RT: 8.52 min Scan# 1094

Delta R.T. -0.02 min

Lab File: BF101857.D

Acq: 3 Jan 2018 14:02

Instrument :

BNA_F

ClientSampleID :

PB105431BS

Tot Ion:113 Resp: 105308

Ion Ratio Lower Upper

113 100

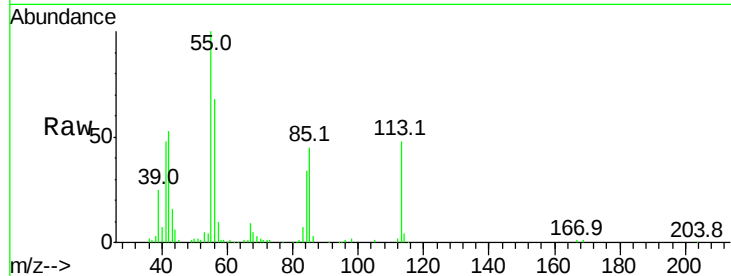
55 206.5 163.3 203.3#

56 141.2 115.7 155.7

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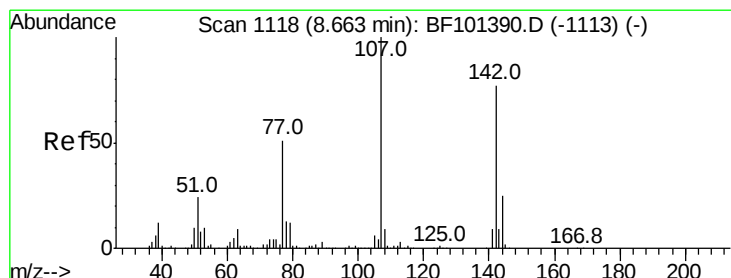
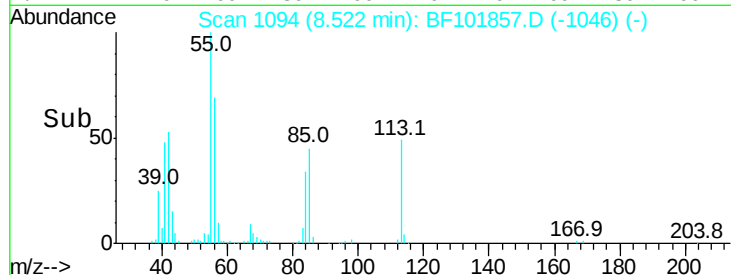
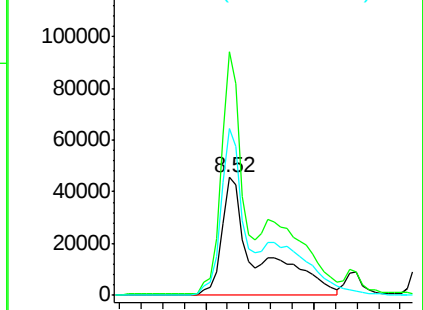
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 40.645 ng/ml

RT: 8.64 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BF101857.D

Acq: 3 Jan 2018 14:02

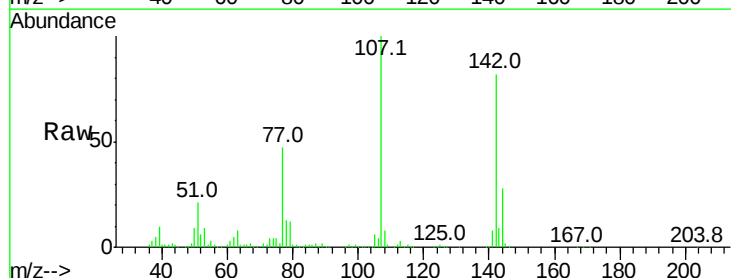
Tgt Ion:107 Resp: 340115

Ion Ratio Lower Upper

107 100

144 27.9 20.5 30.7

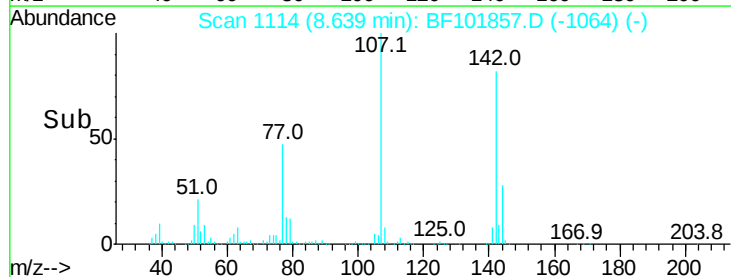
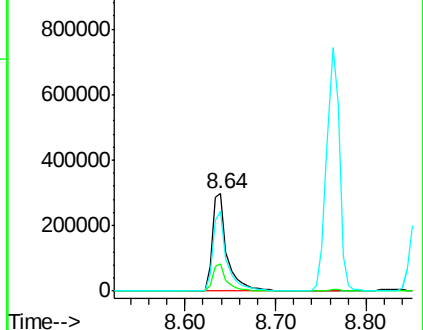
142 81.8 62.0 93.0

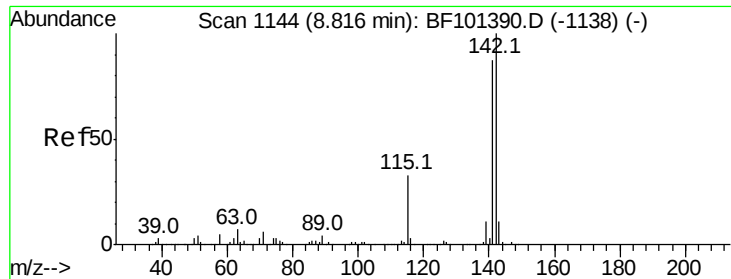


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





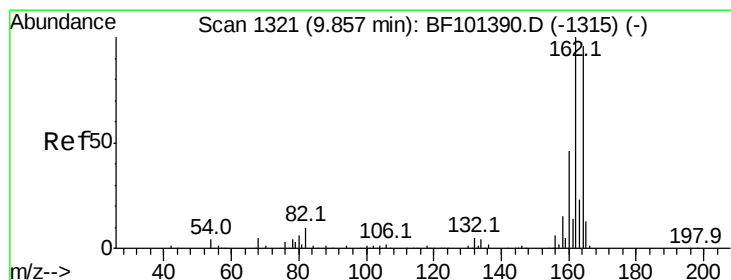
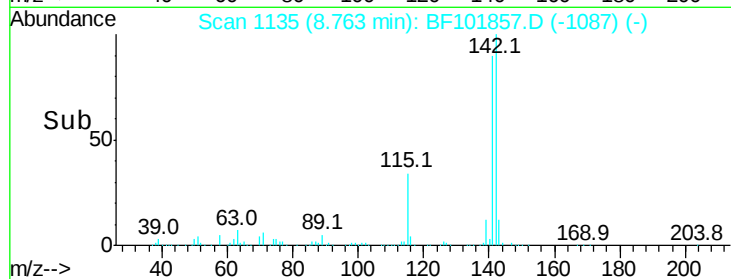
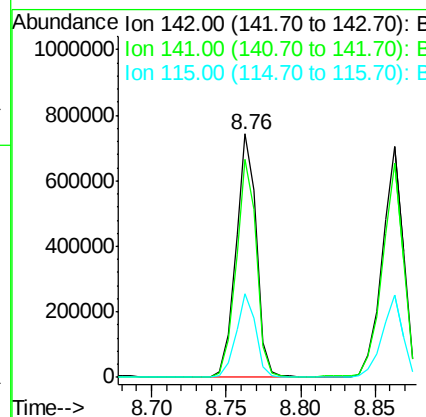
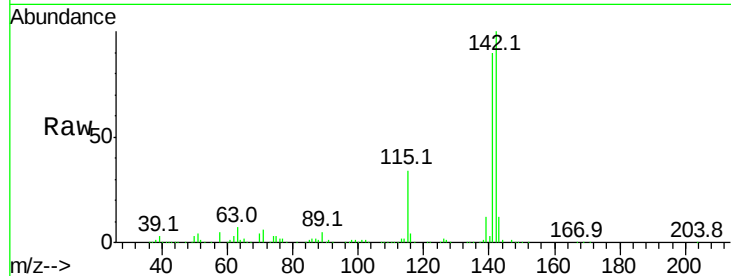
#37
2-Methylnaphthalene
Concen: 41.271 ng
RT: 8.76 min Scan# 1135
Delta R.T. -0.02 min
Lab File: BF101857.D
Acq: 3 Jan 2018 14:02

Instrument :
BNA_F
ClientSampleId :
PB105431BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	718889		
141	89.6		70.8	106.2
115	34.3		26.1	39.1

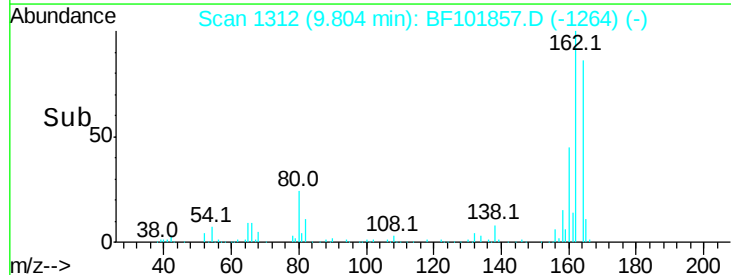
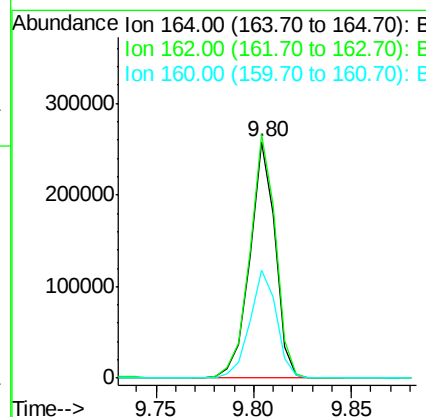
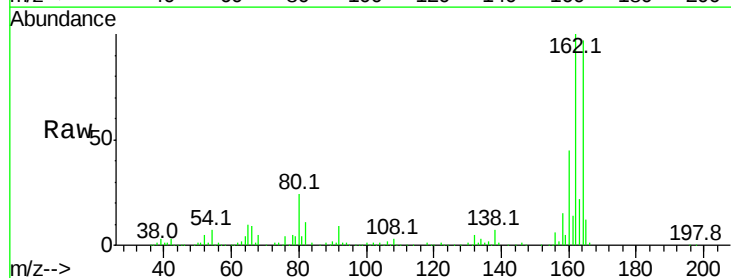
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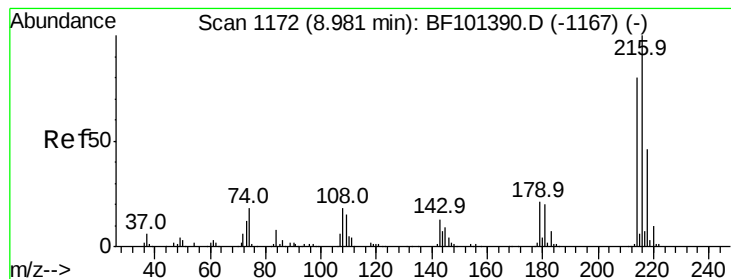
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BF101857.D
Acq: 3 Jan 2018 14:02

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	231555		
162	103.0		86.1	129.1
160	45.8		38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.895 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.02 min

Lab File: BF101857.D

Acq: 3 Jan 2018 14:02

Instrument :

BNA_F

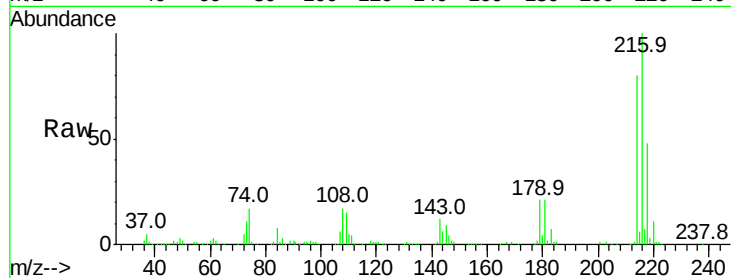
ClientSampleId :

PB105431BS

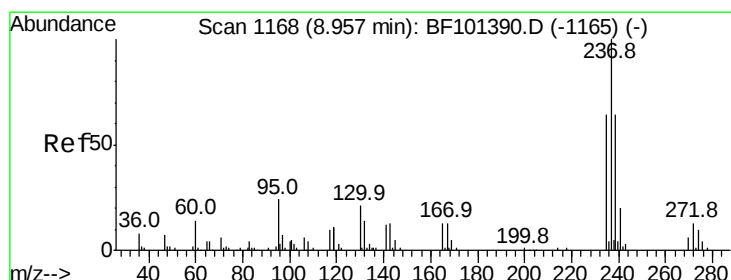
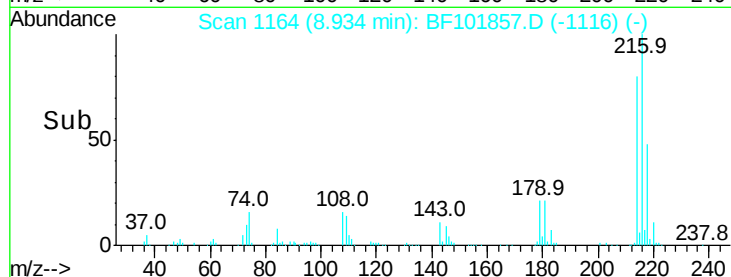
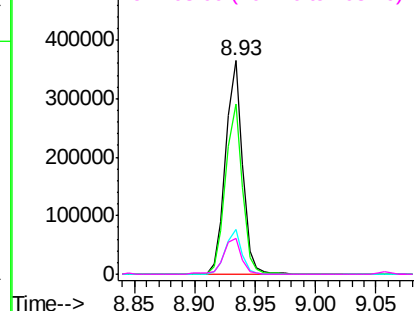
Tot Ion	Ratio	Resp	Lower	Upper
216	100	350984		
214	79.9	63.0	94.4	
179	20.5	18.1	27.1	
108	18.1	17.2	25.8	

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Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 51.959 ng

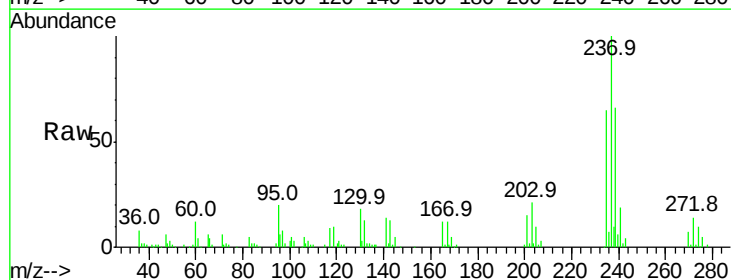
RT: 8.90 min Scan# 1159

Delta R.T. -0.02 min

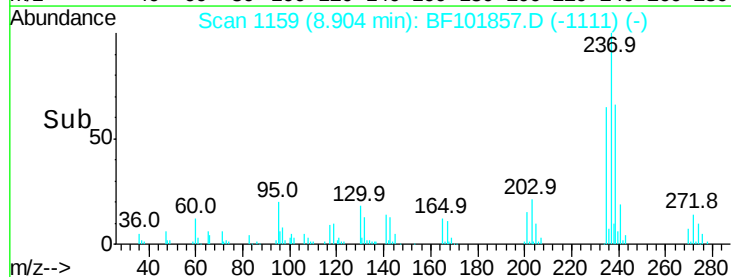
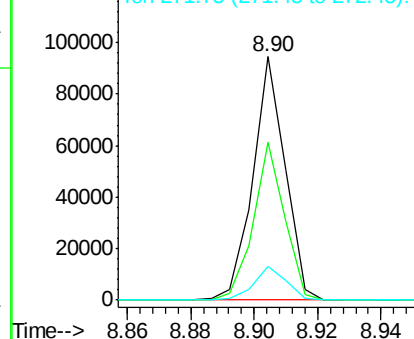
Lab File: BF101857.D

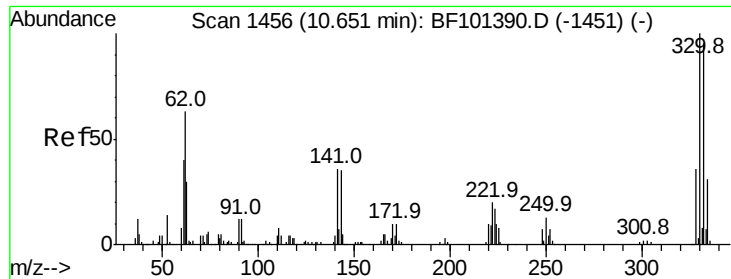
Acq: 3 Jan 2018 14:02

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	66705		
235	64.9	44.8	84.8	
272	13.7	0.0	33.3	



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





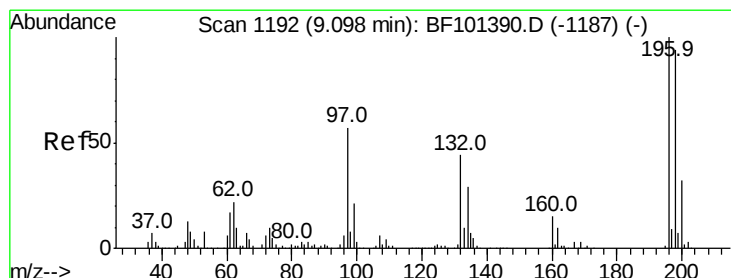
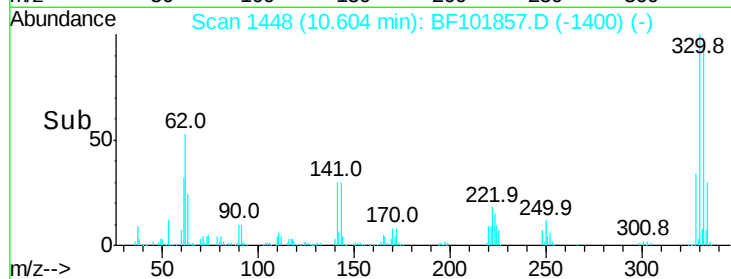
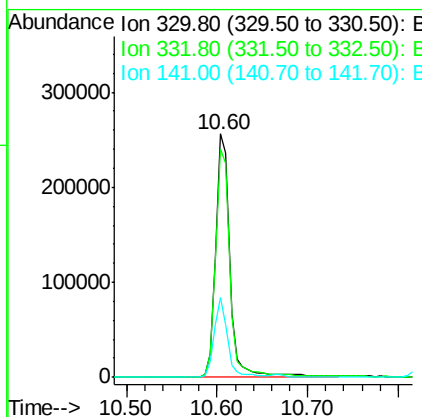
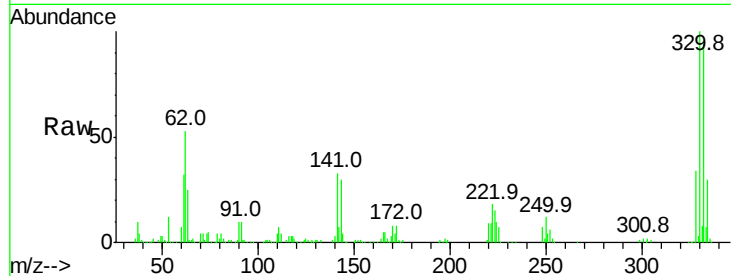
#41
 2,4,6-Tribromophenol
 Concen: 126.394 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.02 min
 Lab File: BF101857.D
 Acq: 3 Jan 2018 14:02

Instrument :
 BNA_F
 ClientSampleId :
 PB105431BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	282012		
332	95.9	77.0	115.6	
141	30.6	29.9	44.9	

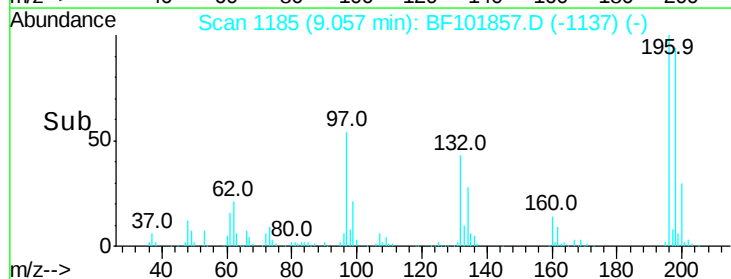
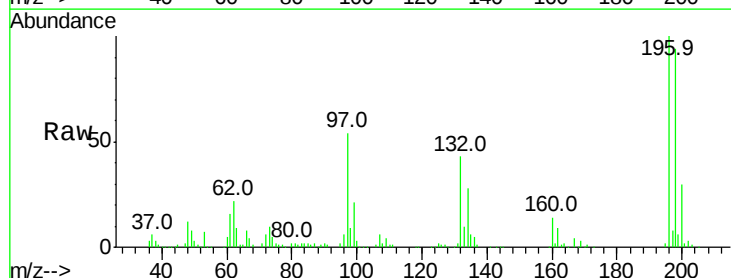
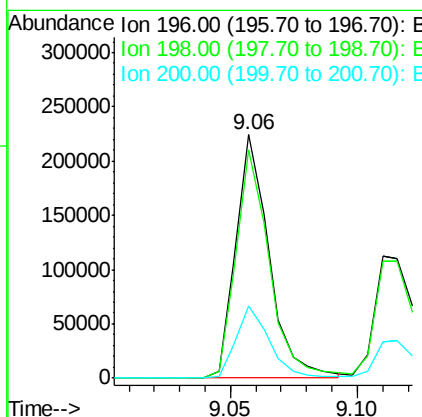
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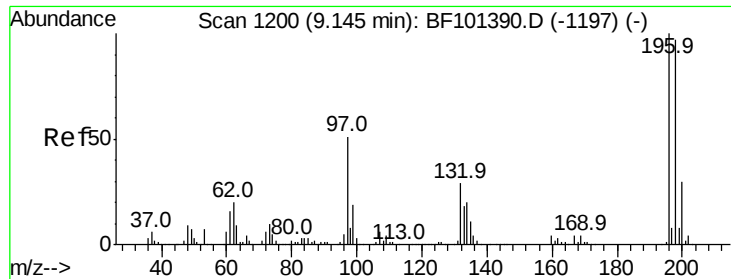
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#42
 2,4,6-Trichlorophenol
 Concen: 43.556 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF101857.D
 Acq: 3 Jan 2018 14:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	204999		
198	93.6	75.7	113.5	
200	29.9	24.5	36.7	





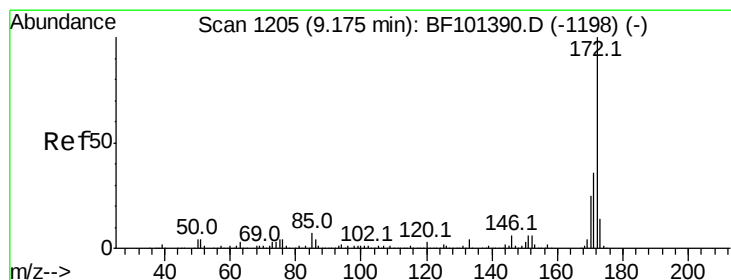
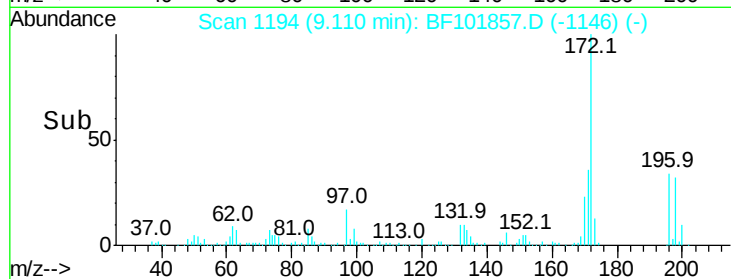
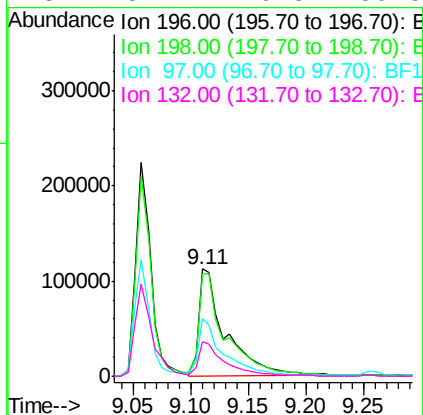
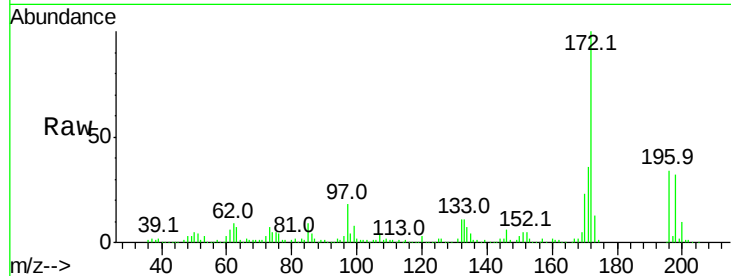
#43
2,4,5-Trichlorophenol
Concen: 35.566 ng
RT: 9.11 min Scan# 1194
Delta R.T. -0.02 min
Lab File: BF101857.D
Acq: 3 Jan 2018 14:02

Instrument :
BNA_F
ClientSampleId :
PB105431BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	183285		
198	95.9	74.6	112.0	
97	53.2	42.9	64.3	
132	32.2	26.3	39.5	

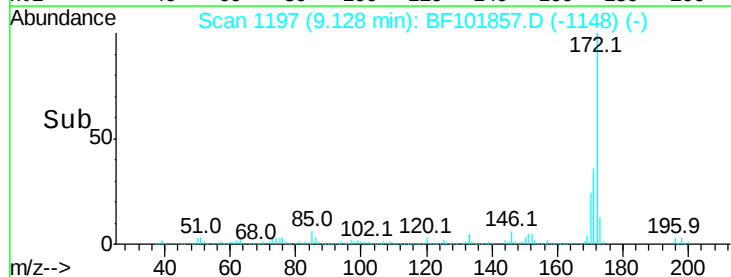
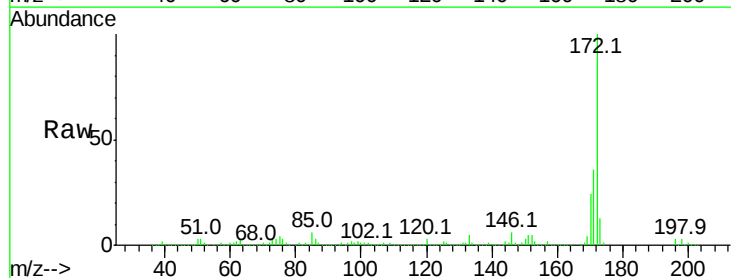
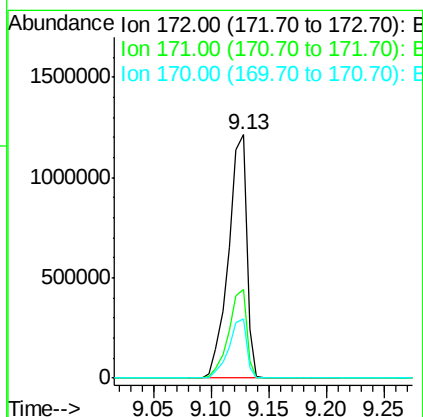
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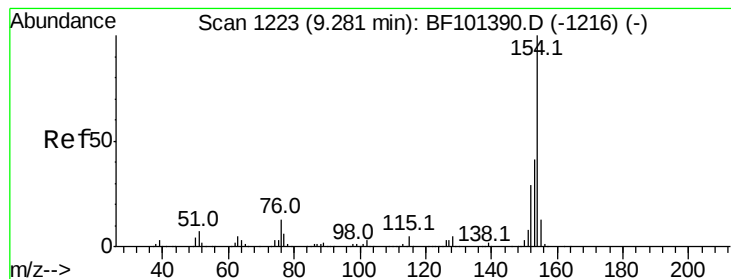
Sohil
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#44
2-Fluorobiphenyl
Concen: 89.053 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF101857.D
Acq: 3 Jan 2018 14:02

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1329300		
171	36.3	29.7	44.5	
170	24.3	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 42.862 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.02 min

Lab File: BF101857.D

Acq: 3 Jan 2018 14:02

Instrument :

BNA_F

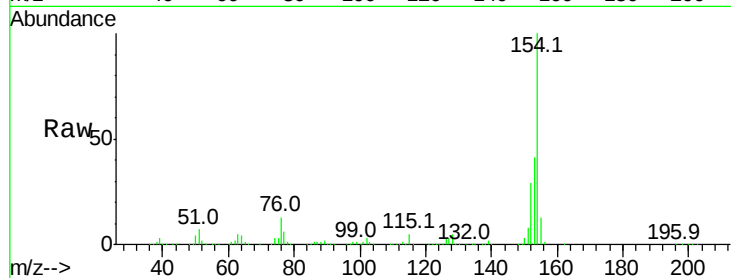
ClientSampleId :

PB105431BS

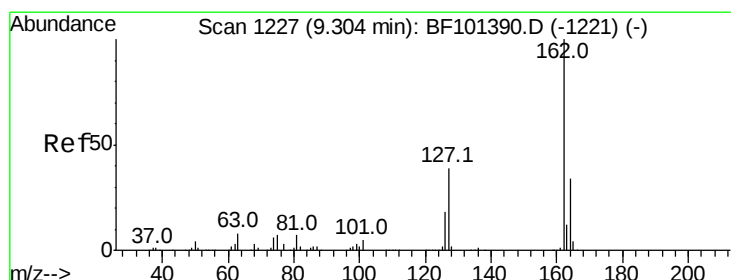
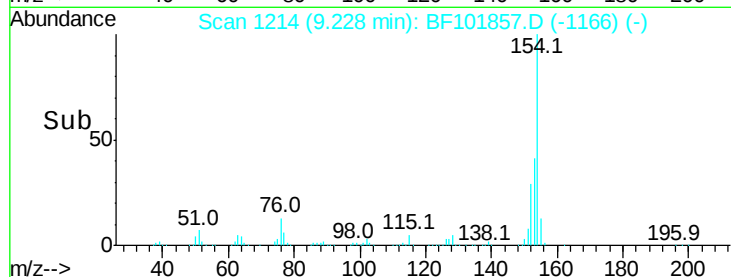
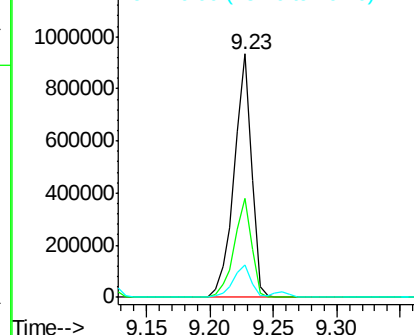
Tot Ion:	154	Resp:	880186
Ion Ratio	Lower	Upper	
154	100		
153	40.7	21.3	61.3
76	13.5	0.0	34.0

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



#46

2-Chloronaphthalene

Concen: 42.329 ng

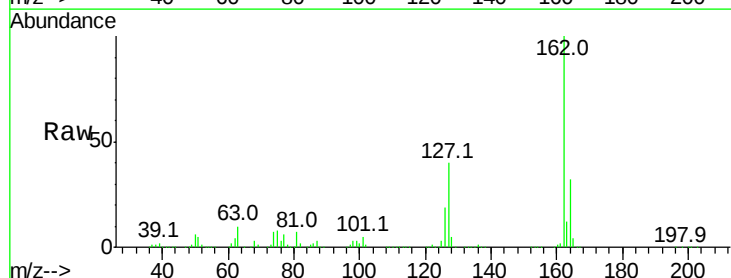
RT: 9.26 min Scan# 1219

Delta R.T. -0.02 min

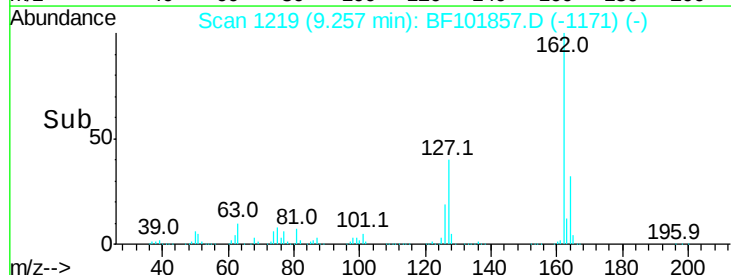
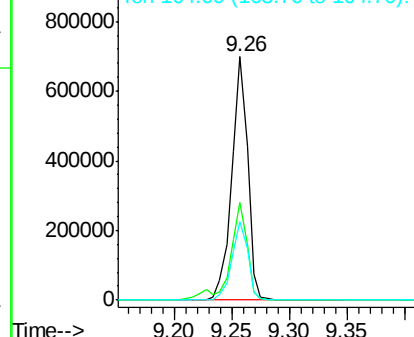
Lab File: BF101857.D

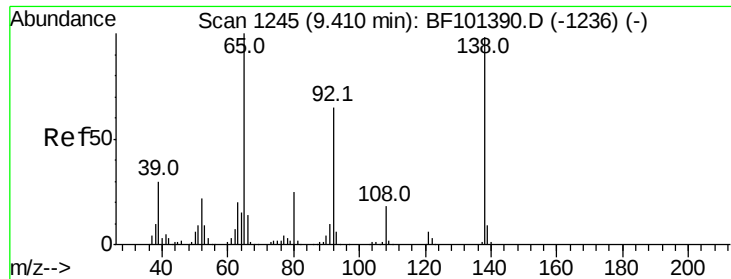
Acq: 3 Jan 2018 14:02

Tgt Ion:	162	Resp:	665106
Ion Ratio	Lower	Upper	
162	100		
127	40.3	33.9	50.9
164	32.4	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





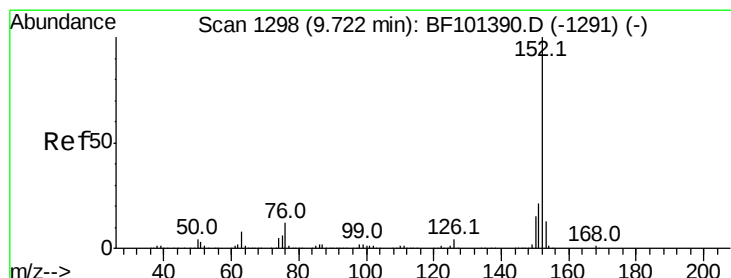
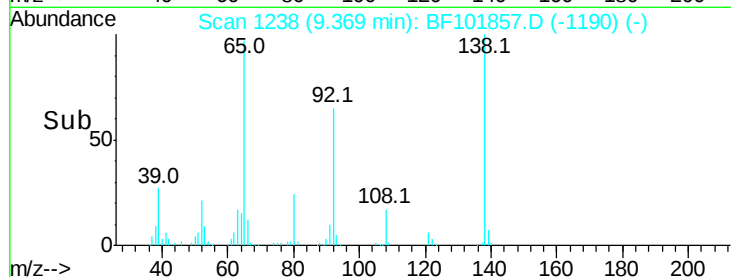
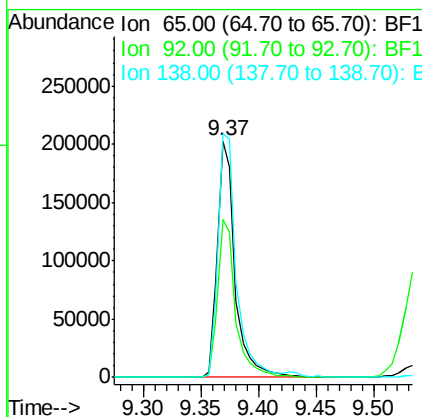
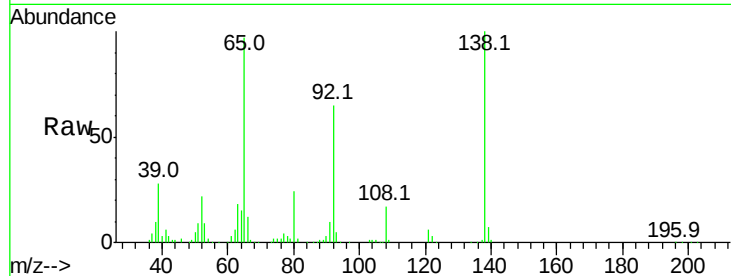
#47
2-Nitroaniline
Concen: 39.699 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.02 min
Lab File: BF101857.D
Acq: 3 Jan 2018 14:02

Instrument :
BNA_F
ClientSampled :
PB105431BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.1	55.8	83.6
138	103.1	91.2	136.8

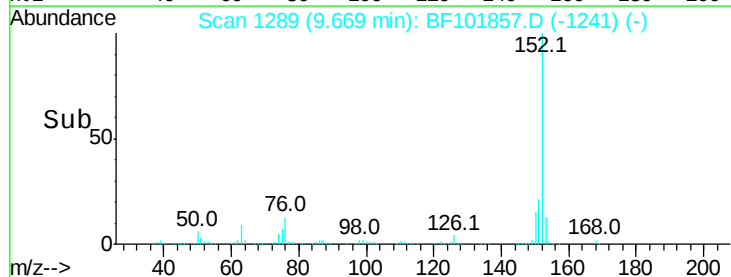
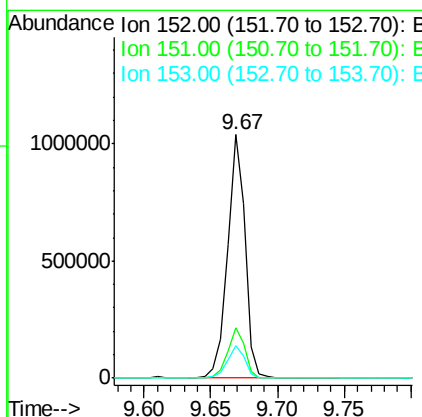
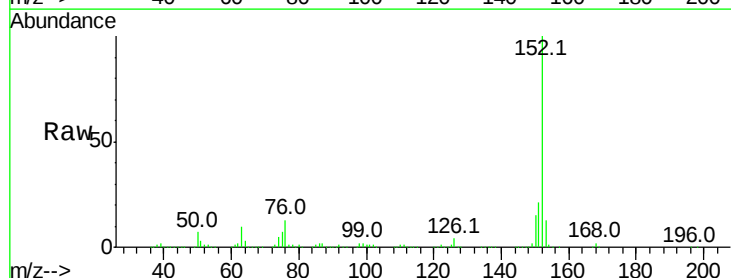
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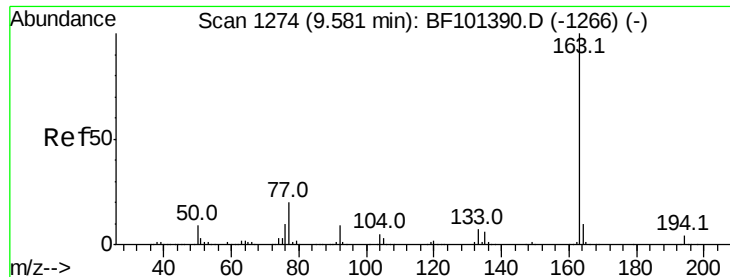
Sohil
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#48
Acenaphthylene
Concen: 38.828 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BF101857.D
Acq: 3 Jan 2018 14:02

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	13.3	10.7	16.1





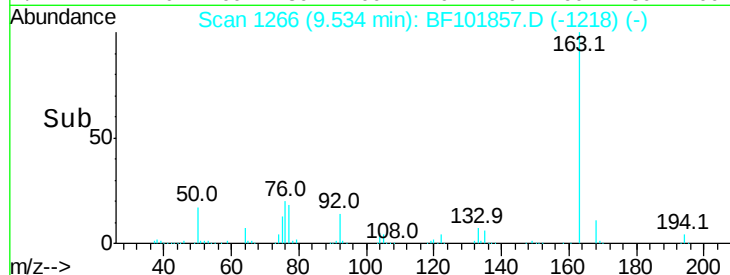
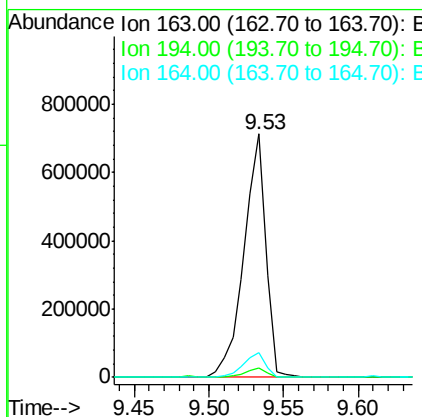
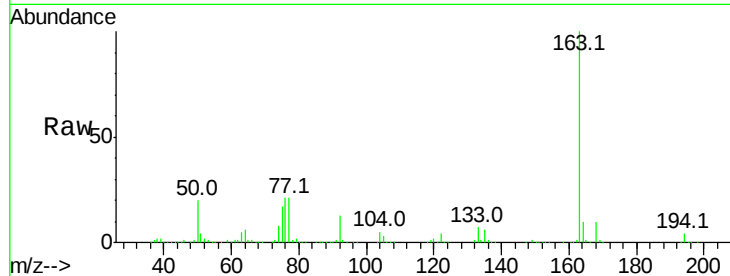
#49
Dimethylphthalate
Concen: 39.025 ng
RT: 9.53 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BF101857.D
Acq: 3 Jan 2018 14:02

Instrument :
BNA_F
ClientSampleId :
PB105431BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.7		2.7	4.1
164	10.0		8.2	12.2

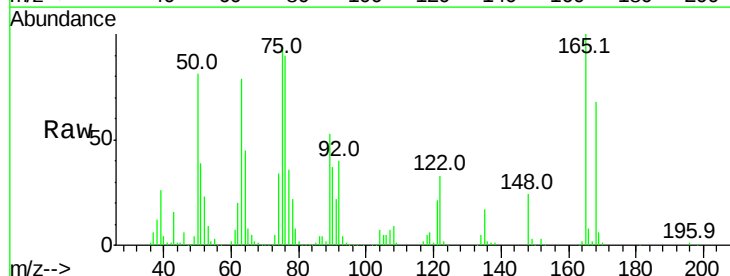
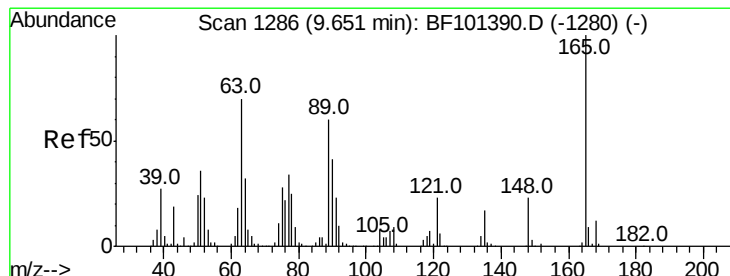
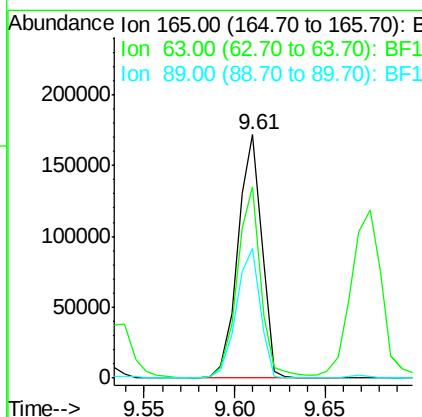
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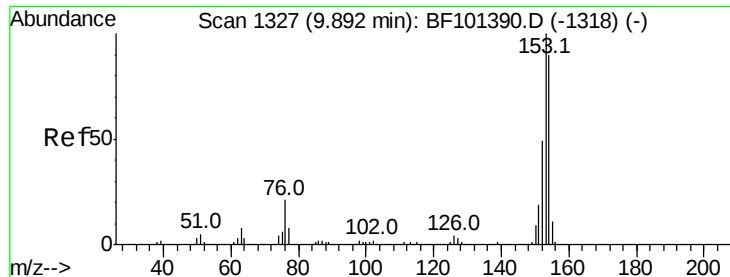
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#50
2,6-Dinitrotoluene
Concen: 41.447 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF101857.D
Acq: 3 Jan 2018 14:02

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	78.5		44.7	67.1#
89	53.4		44.0	66.0





#51

Acenaphthene

Concen: 39.308 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.02 min

Lab File: BF101857.D

Acq: 3 Jan 2018 14:02

Instrument :

BNA_F

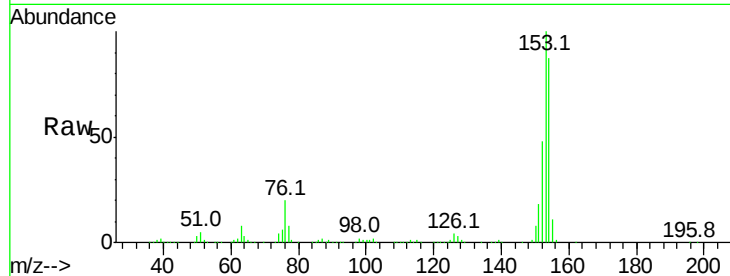
ClientSampleId :

PB105431BS

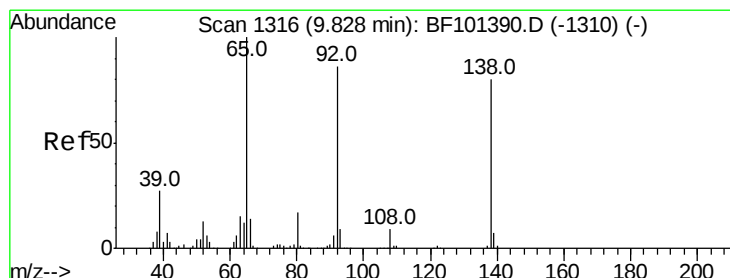
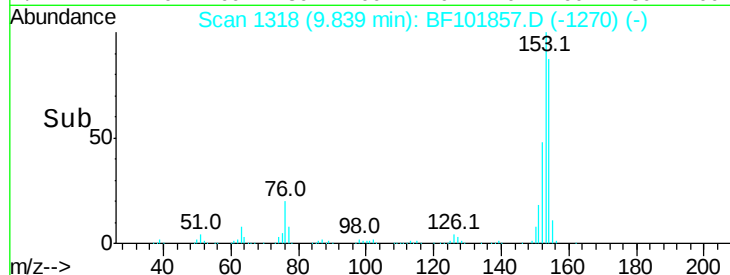
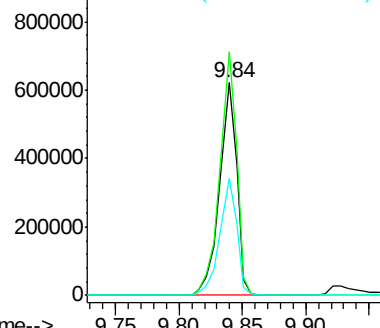
Tot Ion:	154	Resp:	586114
Ion Ratio	Lower	Upper	
154	100		
153	114.5	91.2	136.8
152	54.8	43.8	65.8

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 11.280 ng

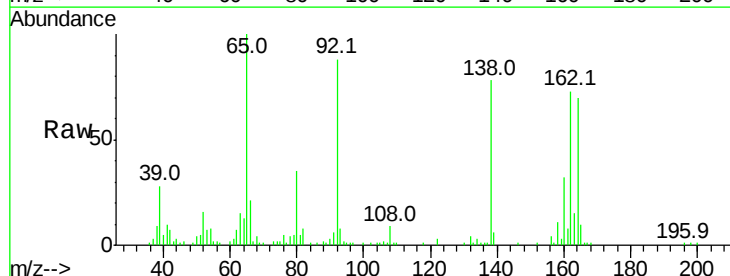
RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

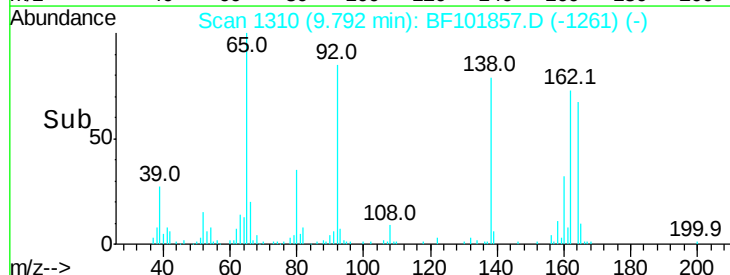
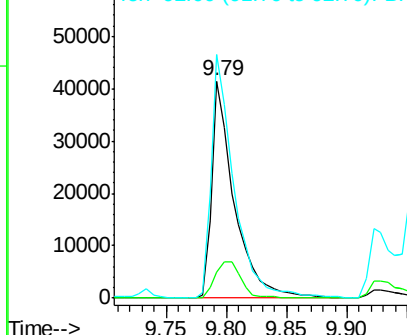
Lab File: BF101857.D

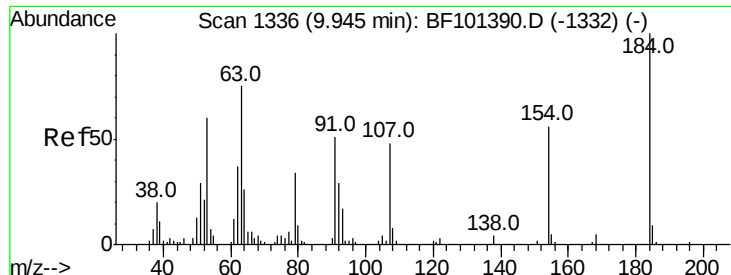
Acq: 3 Jan 2018 14:02

Tgt Ion:	138	Resp:	53238
Ion Ratio	Lower	Upper	
138	100		
108	11.9	9.4	14.0
92	112.2	89.4	134.2



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1





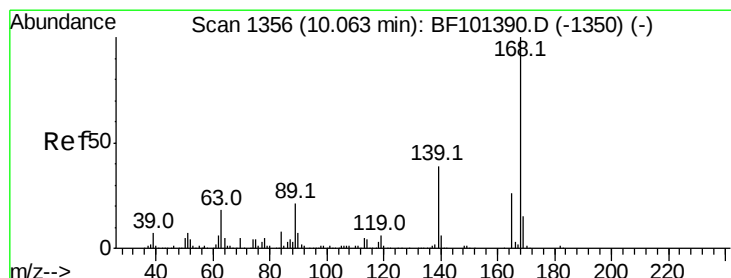
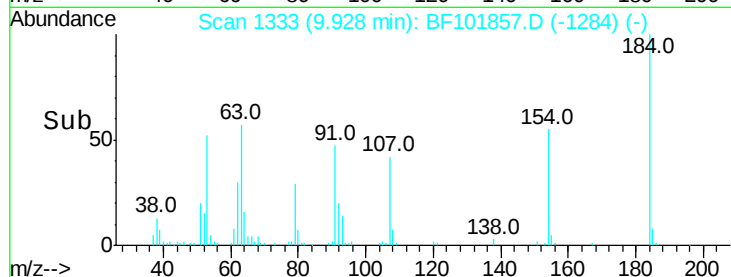
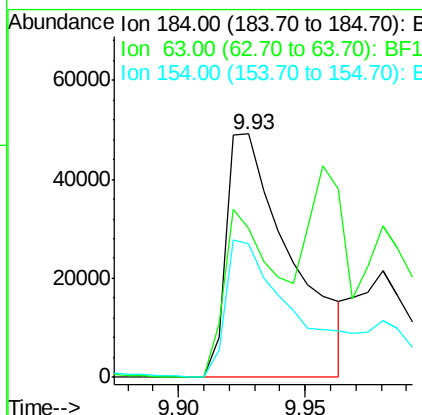
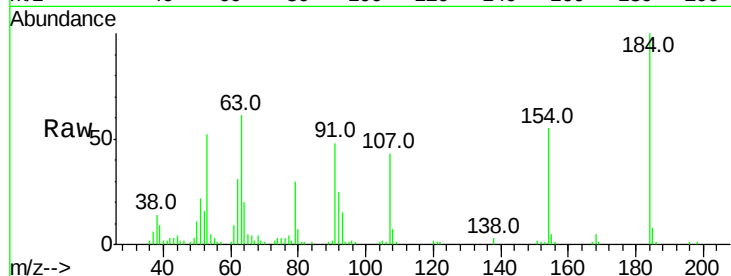
#53
2,4-Dinitrophenol
Concen: 67.895 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF101857.D
Acq: 3 Jan 2018 14:02

Instrument :
BNA_F
ClientSampleId :
PB105431BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	61.0	54.2	81.2
154	54.8	184.0	276.0#

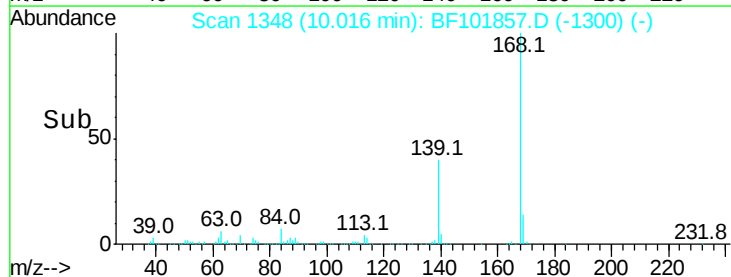
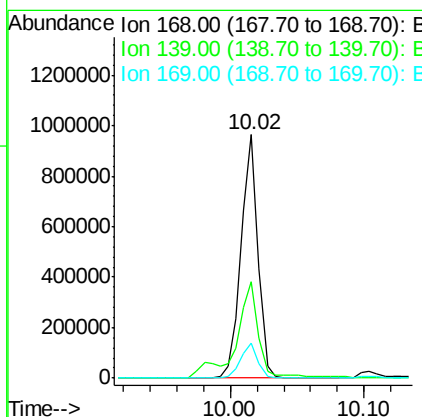
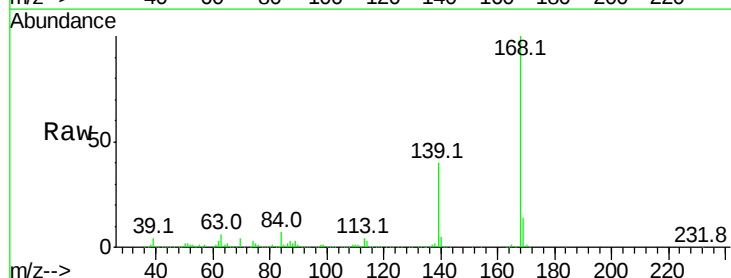
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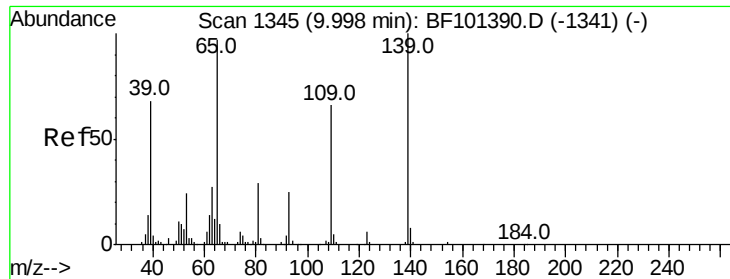
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#54
Dibenzofuran
Concen: 44.844 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.02 min
Lab File: BF101857.D
Acq: 3 Jan 2018 14:02

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.8	30.1	45.1
169	14.3	10.9	16.3





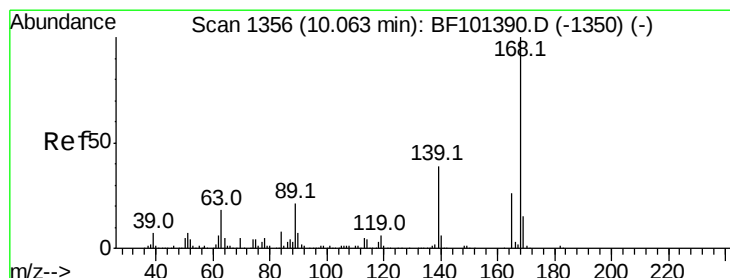
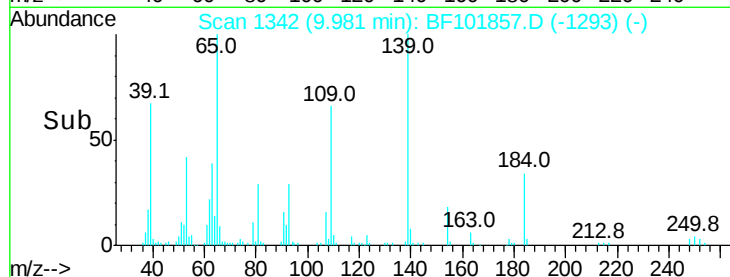
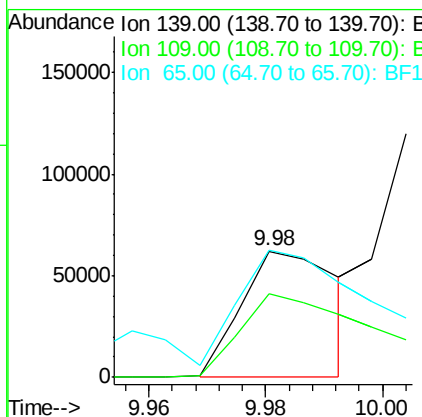
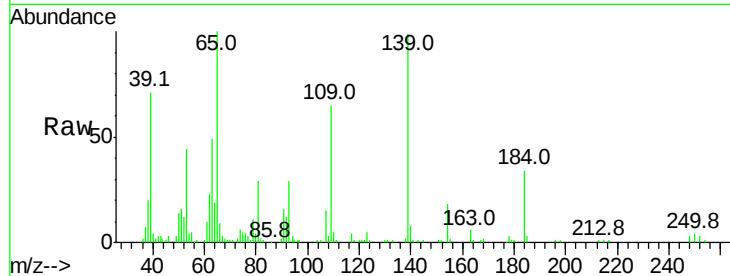
#55
4-Nitrophenol
Concen: 34.164 ng m
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF101857.D
Acq: 3 Jan 2018 14:02

Instrument :
BNA_F
ClientSampleId :
PB105431BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	65.9	48.4	88.4
65	101.3	72.6	112.6

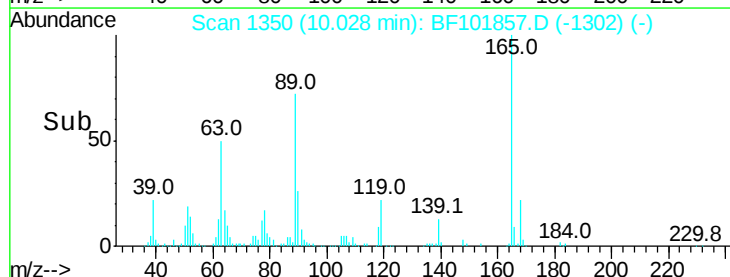
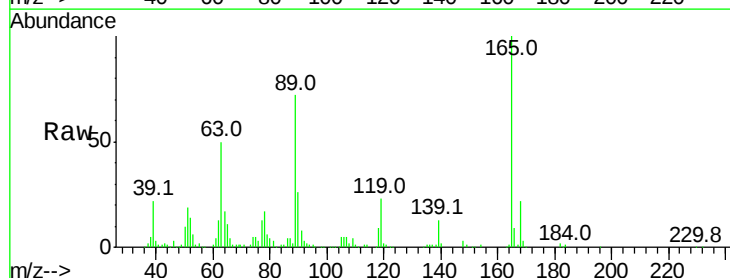
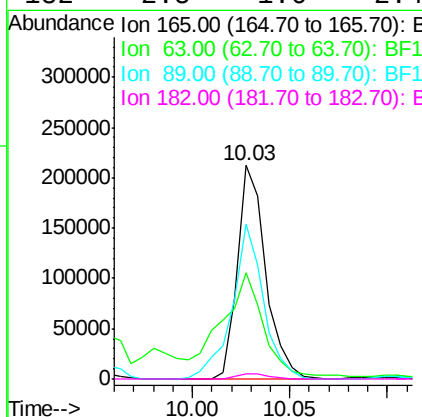
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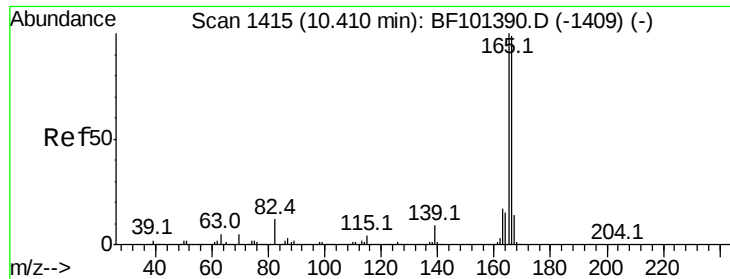
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#56
2,4-Dinitrotoluene
Concen: 50.168 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BF101857.D
Acq: 3 Jan 2018 14:02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	49.7	36.4	54.6
89	72.5	57.8	86.6
182	2.5	1.6	2.4#





#57

Fluorene

Concen: 42.053 ng

RT: 10.36 min Scan# 1406

Delta R.T. -0.02 min

Lab File: BF101857.D

Acq: 3 Jan 2018 14:02

Instrument :

BNA_F

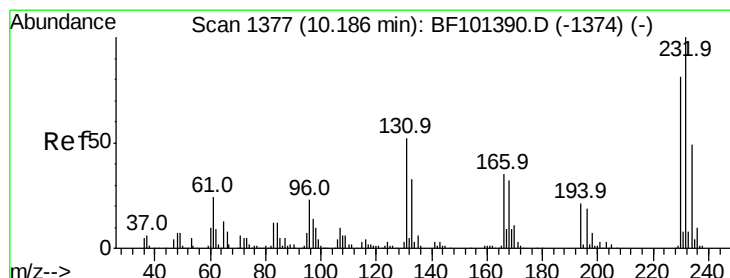
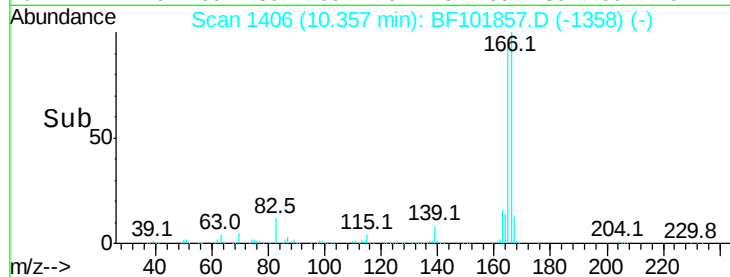
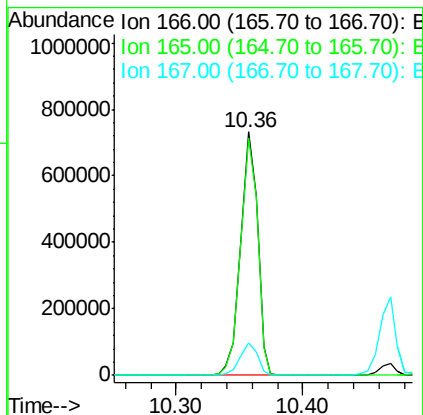
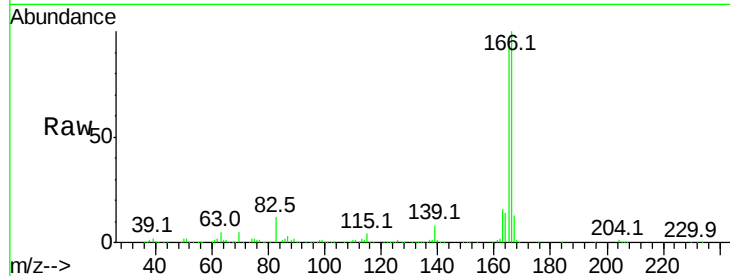
ClientSampleId :

PB105431BS

Tot Ion:	166	Resp:	674099
Ion Ratio	Lower	Upper	
166	100		
165	97.5	79.8	119.8
167	13.4	10.6	16.0

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 46.987 ng

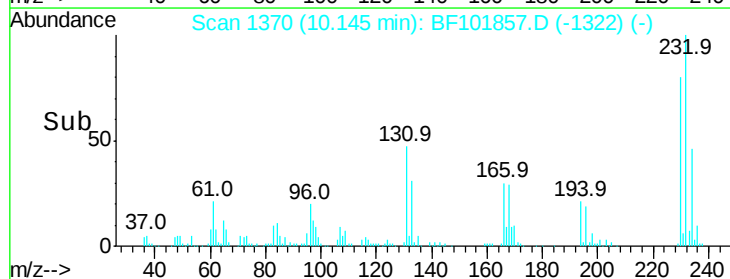
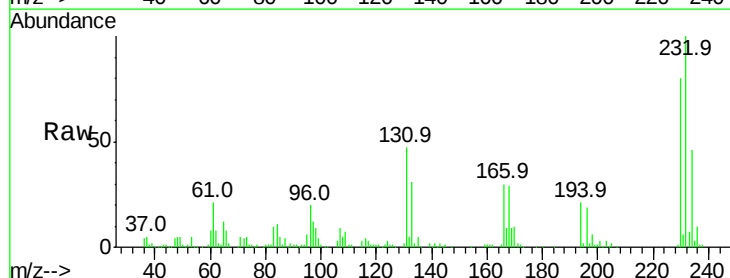
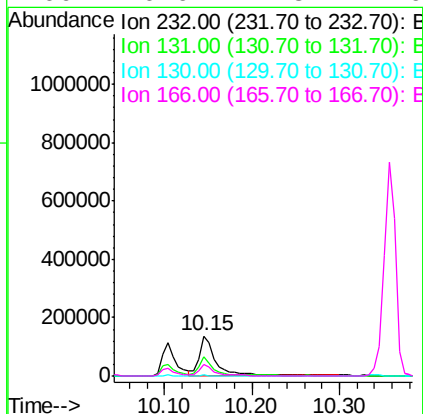
RT: 10.15 min Scan# 1370

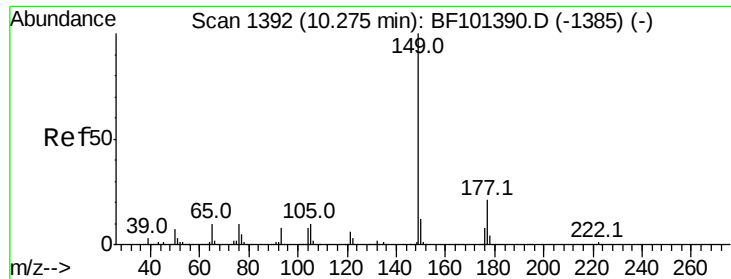
Delta R.T. -0.02 min

Lab File: BF101857.D

Acq: 3 Jan 2018 14:02

Tgt Ion:	232	Resp:	173969
Ion Ratio	Lower	Upper	
232	100		
131	39.8	43.8	65.8#
130	2.1	2.1	3.1
166	26.6	27.8	41.6#





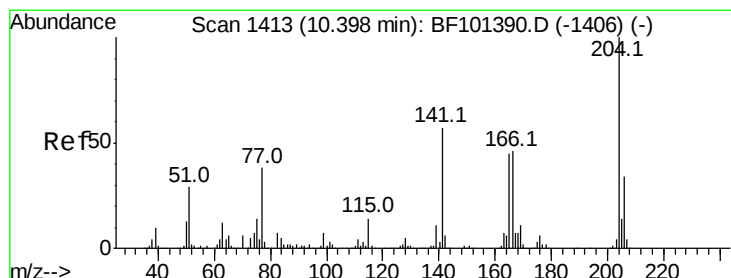
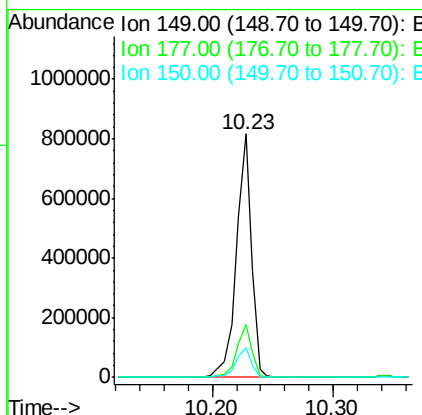
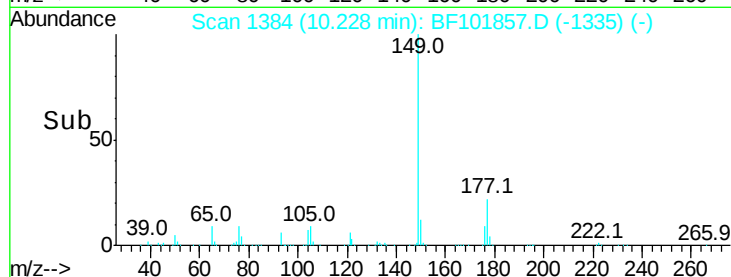
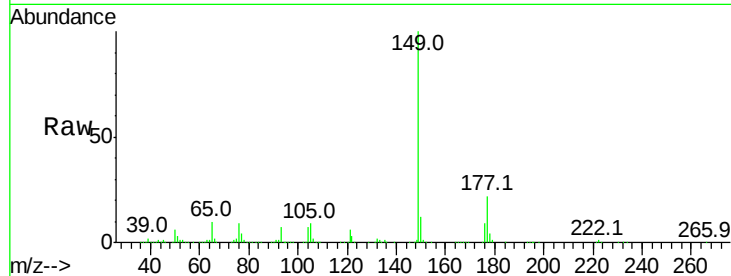
#59
Diethylphthalate
Concen: 38.621 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BF101857.D
Acq: 3 Jan 2018 14:02

Instrument :
BNA_F
ClientSampled :
PB105431BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	712338		
177	21.8	16.1	24.1	
150	12.2	10.1	15.1	

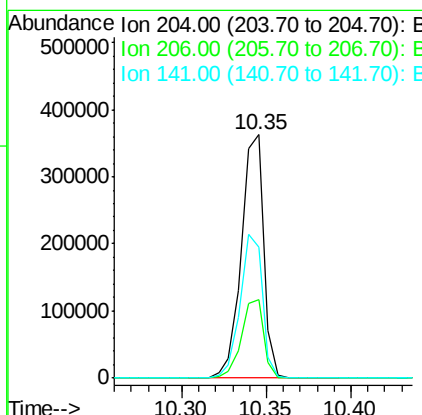
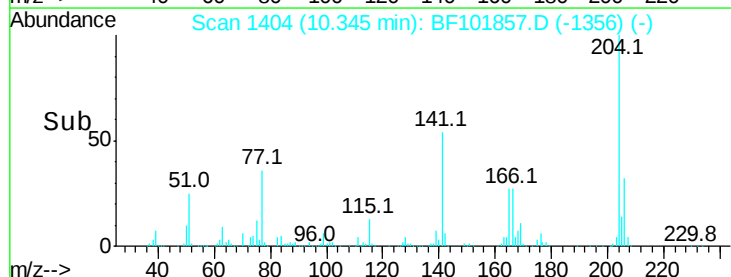
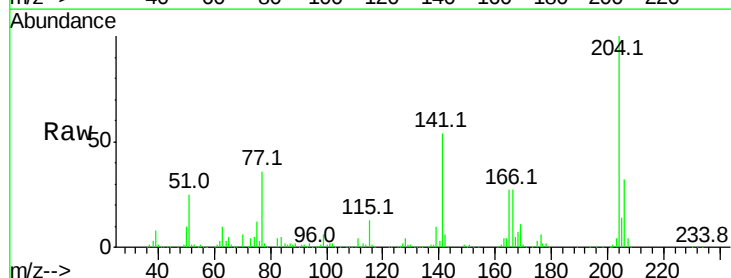
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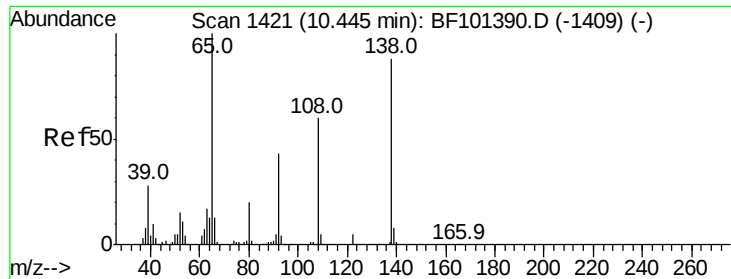
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 43.738 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.02 min
Lab File: BF101857.D
Acq: 3 Jan 2018 14:02

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	336014		
206	32.3	26.5	39.7	
141	53.9	54.6	81.8#	





#61

4-Nitroaniline

Concen: 31.747 ng

RT: 10.41 min Scan# 1415

Delta R.T. -0.02 min

Lab File: BF101857.D

Acq: 3 Jan 2018 14:02

Instrument :

BNA_F

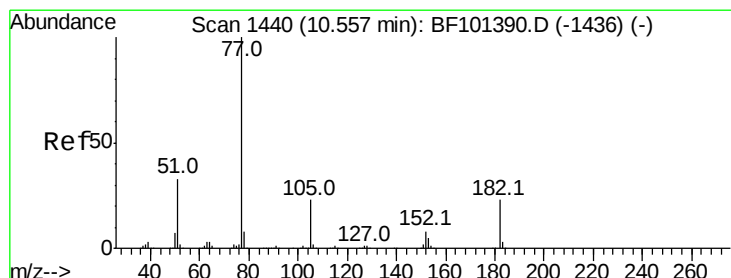
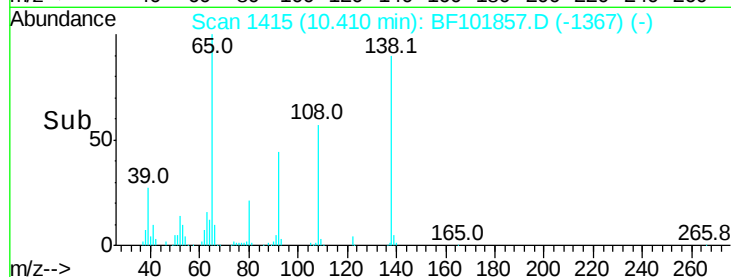
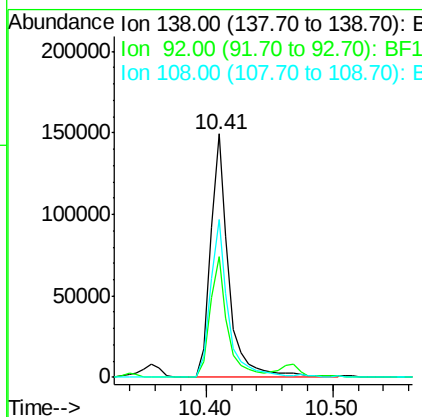
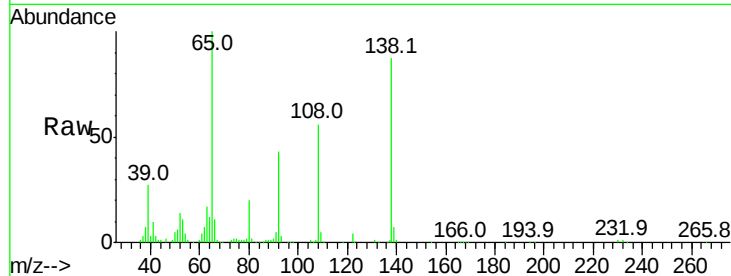
ClientSampleId :

PB105431BS

Tot Ion:	138	Resp:	150604
Ion Ratio	Lower	Upper	
138	100		
92	49.4	30.2	70.2
108	64.6	52.5	92.5

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#62

Azobenzene

Concen: 37.798 ng

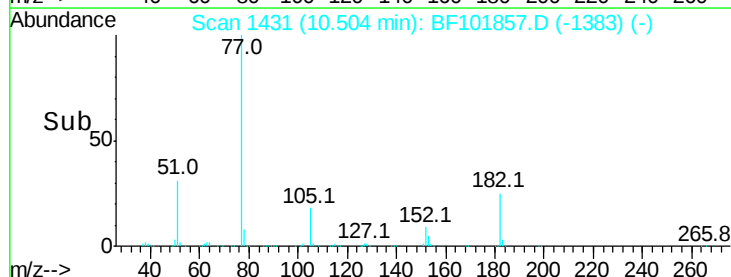
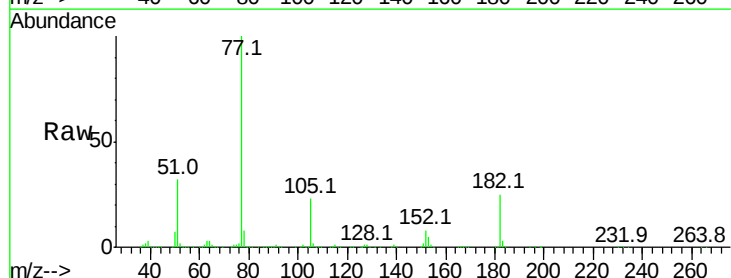
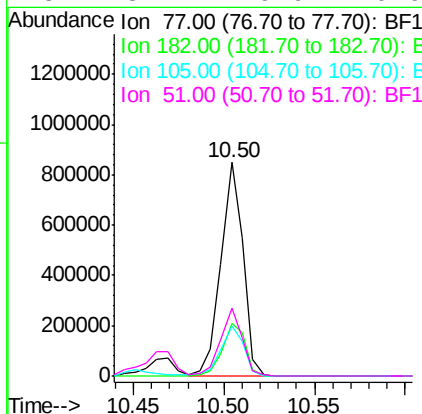
RT: 10.50 min Scan# 1431

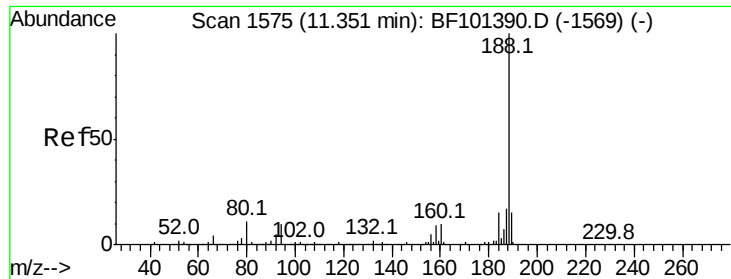
Delta R.T. -0.02 min

Lab File: BF101857.D

Acq: 3 Jan 2018 14:02

Tgt Ion:	77	Resp:	722205
Ion Ratio	Lower	Upper	
77	100		
182	24.6	1.7	41.7
105	23.5	3.0	43.0
51	31.7	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.30 min Scan# 1566

Delta R.T. -0.02 min

Lab File: BF101857.D

Acq: 3 Jan 2018 14:02

Instrument :

BNA_F

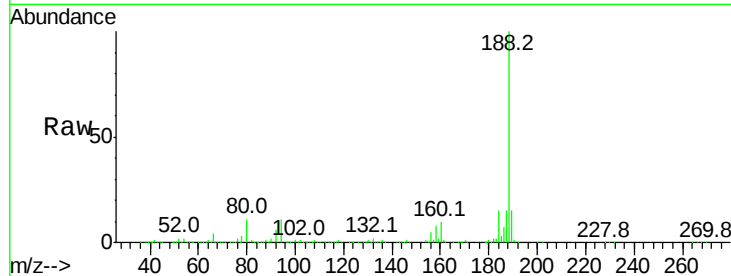
ClientSampleId :

PB105431BS

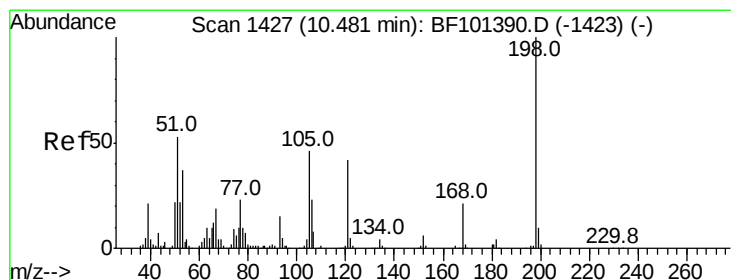
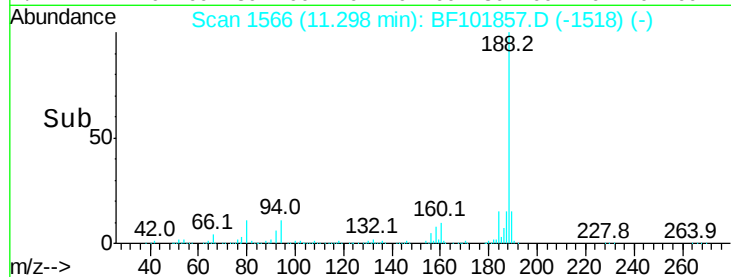
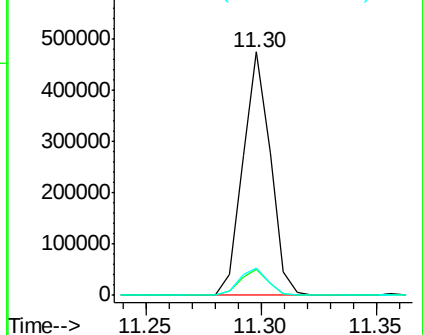
Tot Ion:	188	Resp:	395700
Ion Ratio	Lower	Upper	
188	100		
94	10.7	8.5	12.7
80	11.3	9.2	13.8

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Abundance Ion 188.00 (187.70 to 188.70): E



#64

4,6-Dinitro-2-methylphenol

Concen: 37.601 ng

RT: 10.45 min Scan# 1422

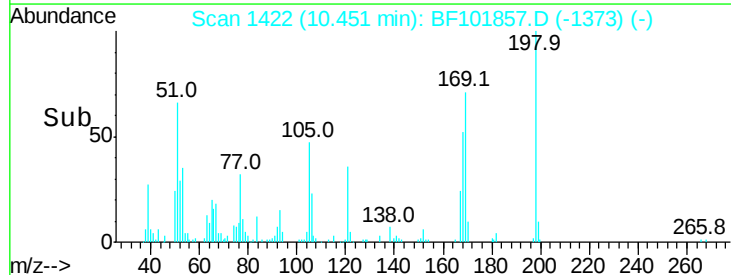
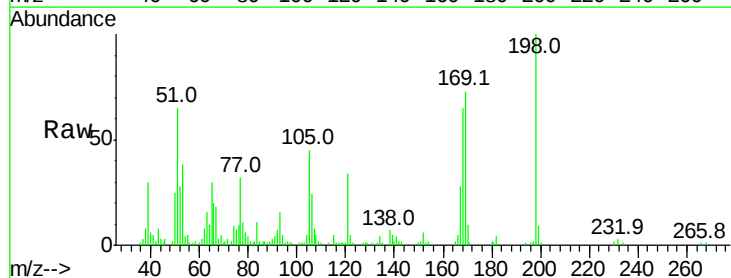
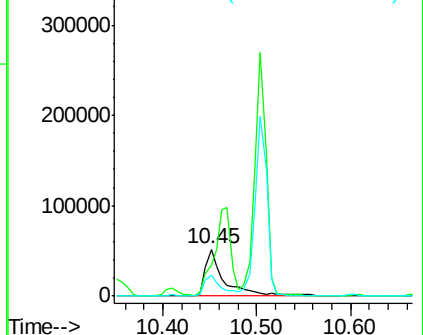
Delta R.T. -0.01 min

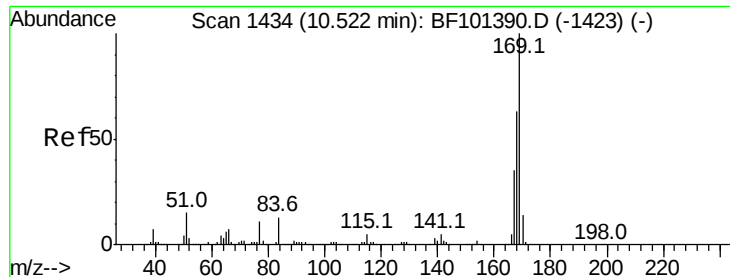
Lab File: BF101857.D

Acq: 3 Jan 2018 14:02

Tgt Ion:	198	Resp:	75927
Ion Ratio	Lower	Upper	
198	100		
51	65.2	37.7	77.7
105	45.3	36.3	76.3

Abundance Ion 198.00 (197.70 to 198.70): E





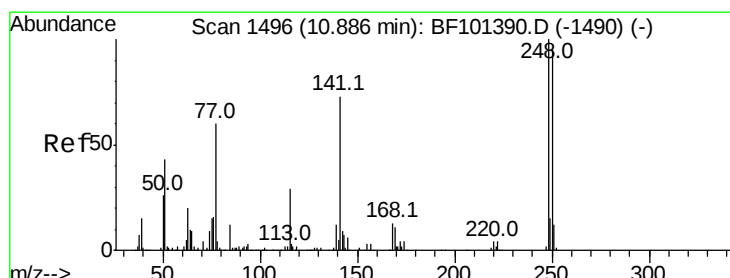
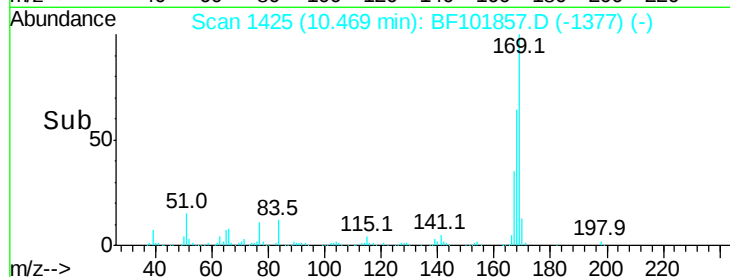
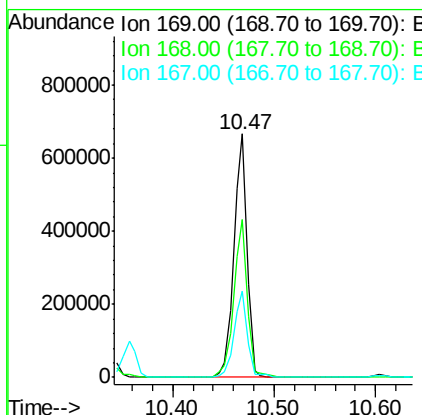
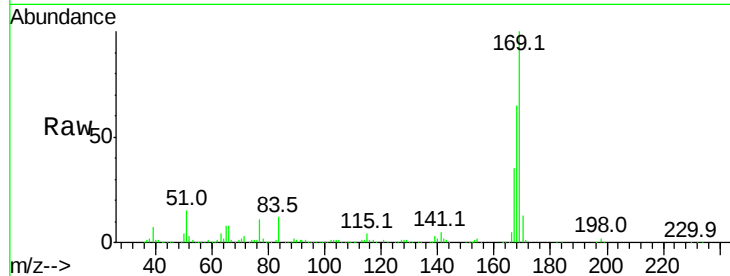
#65
n-Nitrosodiphenylamine
Concen: 41.059 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.02 min
Lab File: BF101857.D
Acq: 3 Jan 2018 14:02

Instrument :
BNA_F
ClientSampleId :
PB105431BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	599920		
168	64.8		54.4	81.6
167	35.4		29.8	44.6

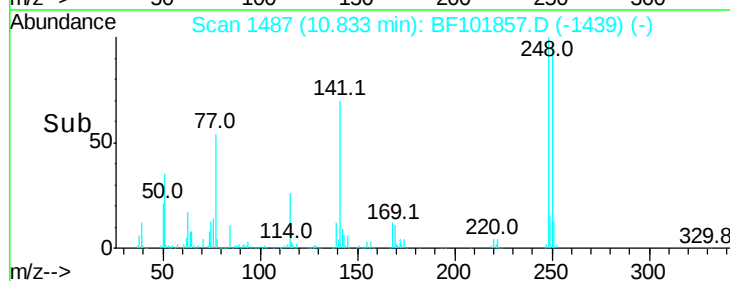
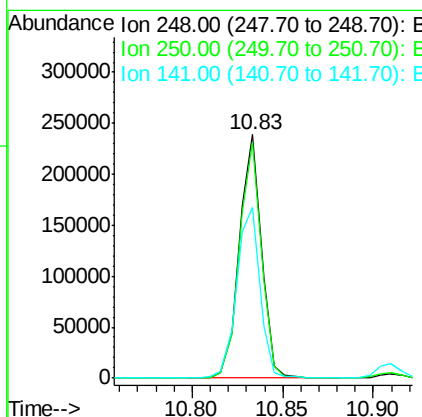
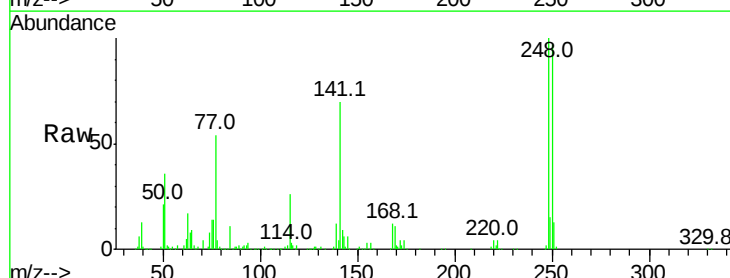
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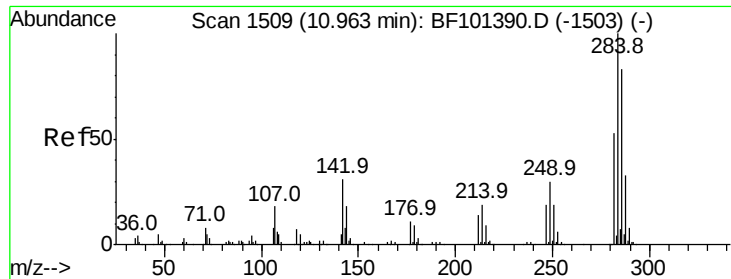
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#66
4-Bromophenyl-phenylether
Concen: 45.484 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.02 min
Lab File: BF101857.D
Acq: 3 Jan 2018 14:02

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	202230		
250	96.8		76.9	115.3
141	70.0		74.4	111.6#





#67

Hexachlorobenzene

Concen: 44.685 ng

RT: 10.91 min Scan# 1500

Delta R.T. -0.02 min

Lab File: BF101857.D

Acq: 3 Jan 2018 14:02

Instrument :

BNA_F

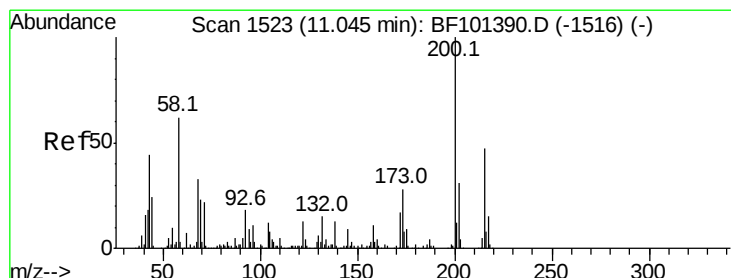
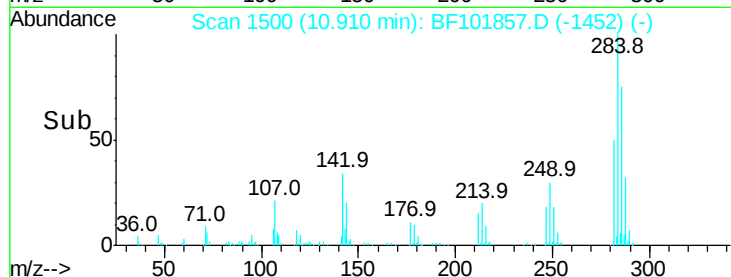
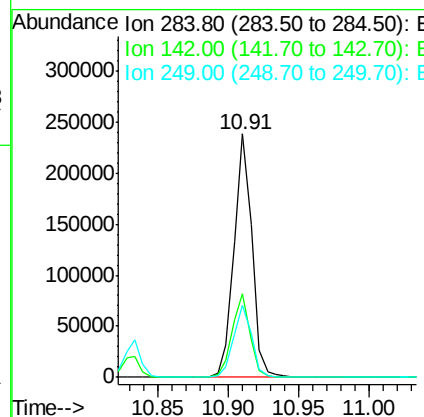
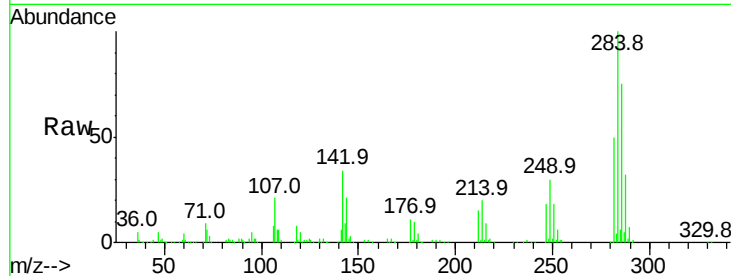
ClientSampleId :

PB105431BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	210273		
142	34.1	34.6	52.0#	
249	29.8	24.8	37.2	

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#68

Atrazine

Concen: 43.553 ng

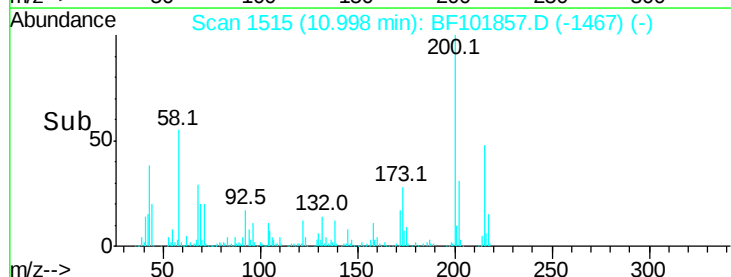
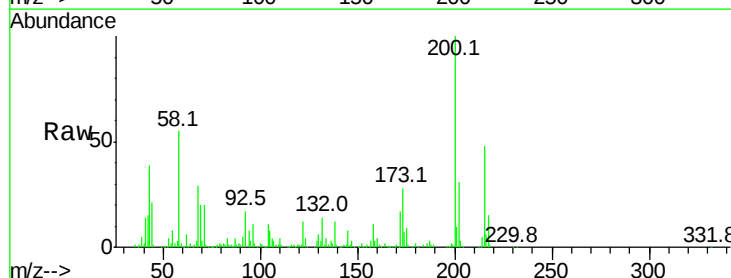
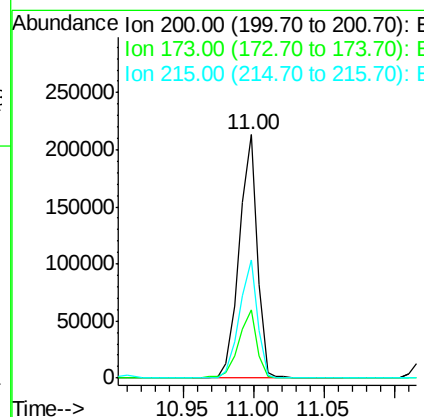
RT: 11.00 min Scan# 1515

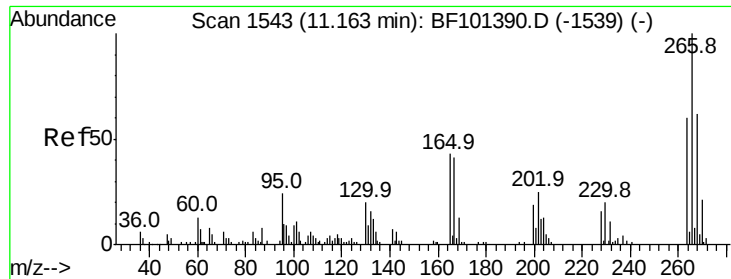
Delta R.T. -0.02 min

Lab File: BF101857.D

Acq: 3 Jan 2018 14:02

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	189747		
173	28.0	8.6	48.6	
215	48.4	25.1	65.1	





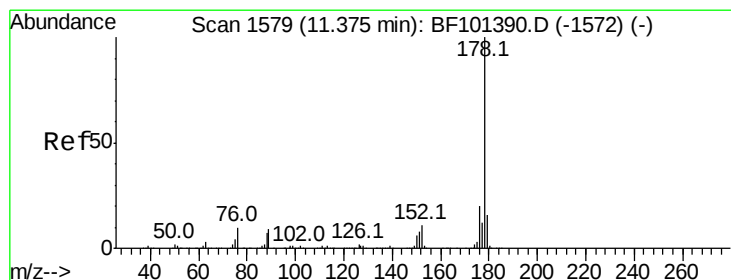
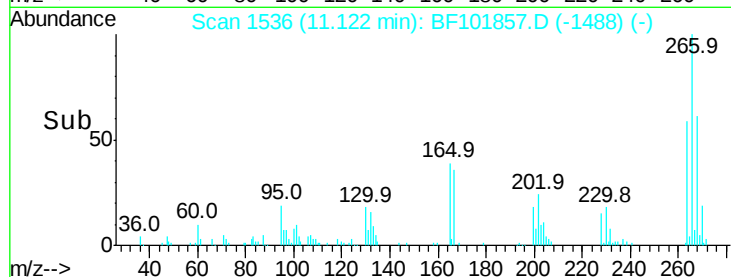
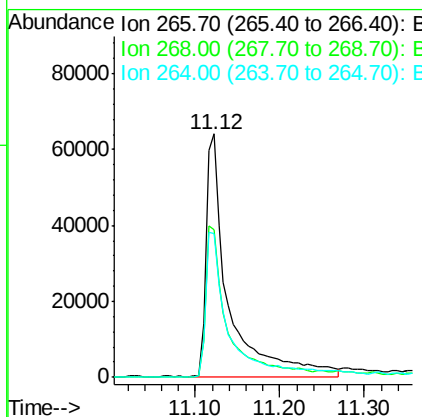
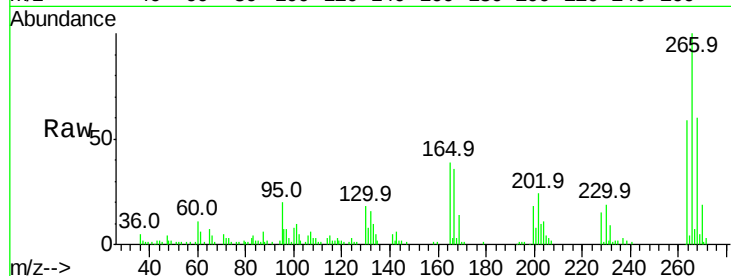
#69
 Pentachlorophenol
 Concen: 66.890 ng
 RT: 11.12 min Scan# 1536
 Delta R.T. -0.02 min
 Lab File: BF101857.D
 Acq: 3 Jan 2018 14:02

Instrument :
 BNA_F
 ClientSampleId :
 PB105431BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	60.5	51.1	76.7
264	59.3	49.5	74.3

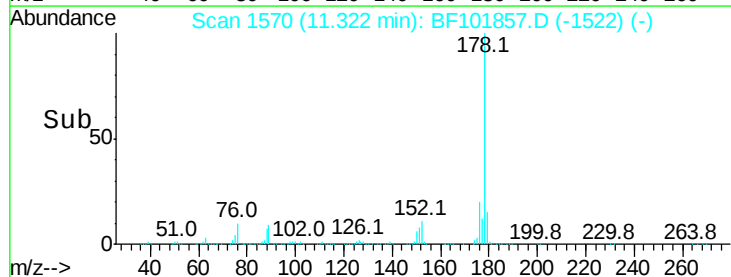
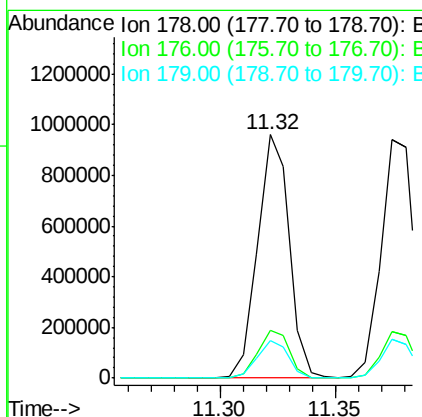
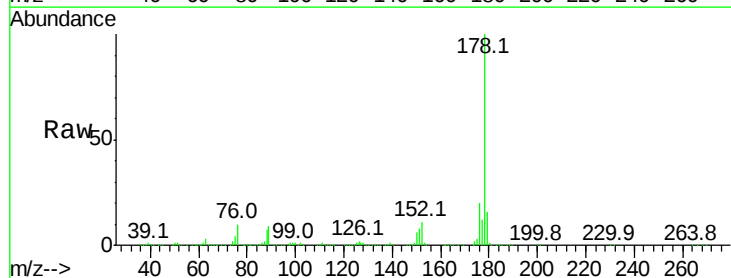
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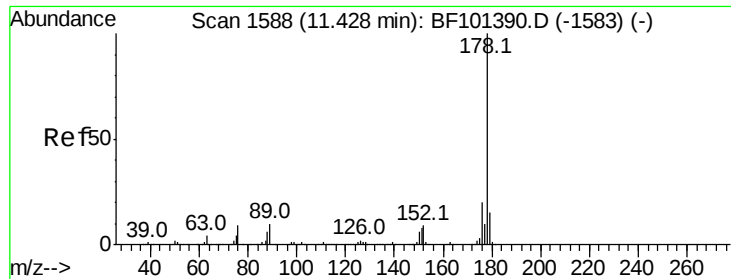
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#70
 Phenanthrene
 Concen: 41.673 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.02 min
 Lab File: BF101857.D
 Acq: 3 Jan 2018 14:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.6	13.0	19.6





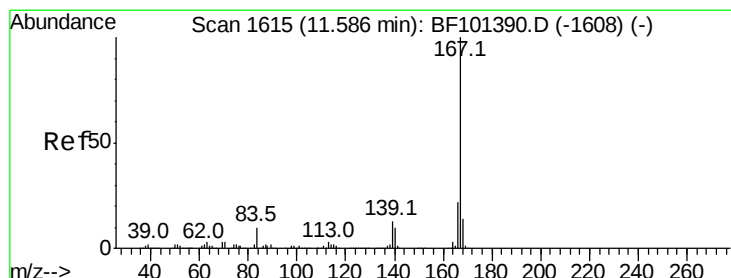
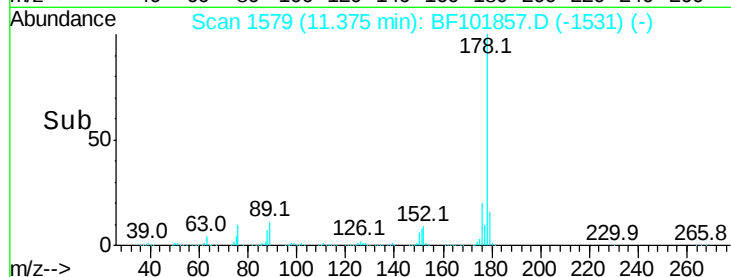
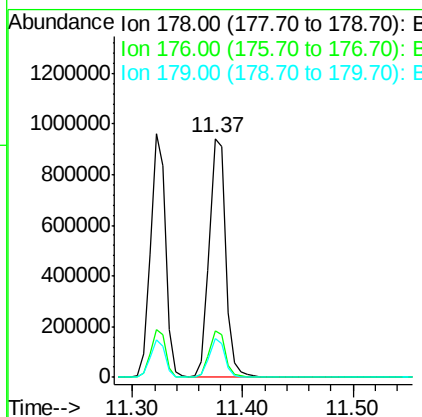
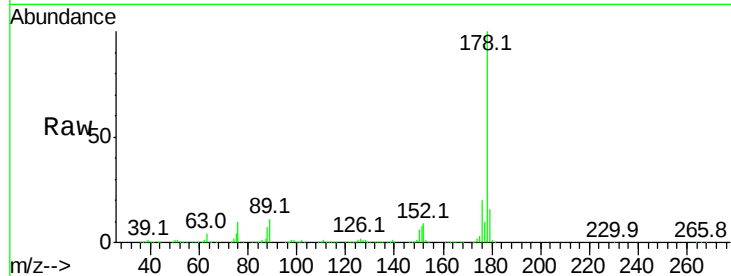
#71
 Anthracene
 Concen: 42.573 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.02 min
 Lab File: BF101857.D
 Acq: 3 Jan 2018 14:02

Instrument :
 BNA_F
 ClientSampleId :
 PB105431BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.2
179	16.2	12.6	19.0

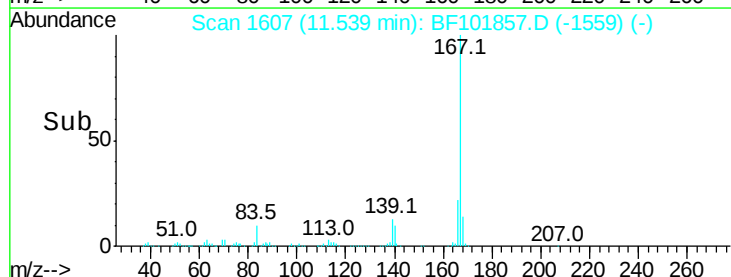
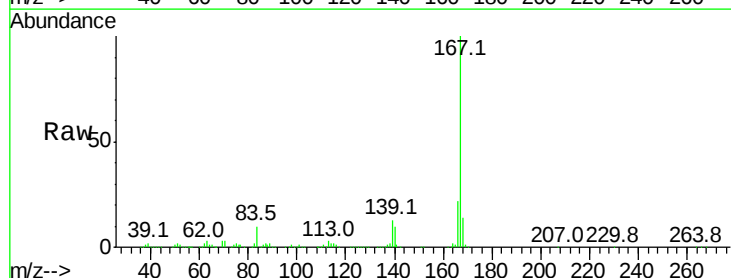
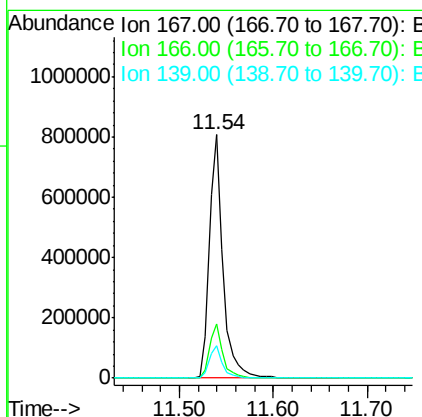
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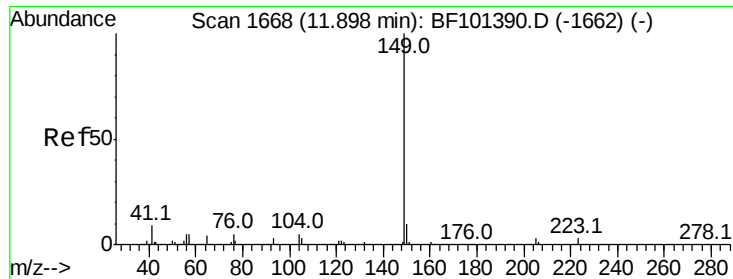
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#72
 Carbazole
 Concen: 39.163 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. -0.02 min
 Lab File: BF101857.D
 Acq: 3 Jan 2018 14:02

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.6	26.4
139	13.1	10.9	16.3





#73

Di-n-butylphthalate

Concen: 40.452 ng

RT: 11.85 min Scan# 1659

Delta R.T. -0.02 min

Lab File: BF101857.D

Acq: 3 Jan 2018 14:02

Instrument :

BNA_F

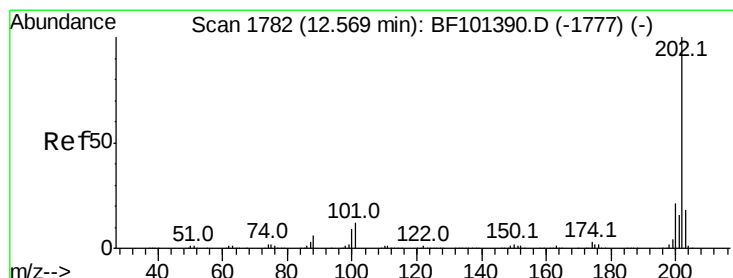
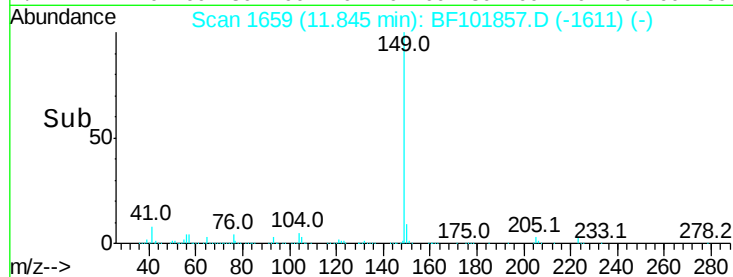
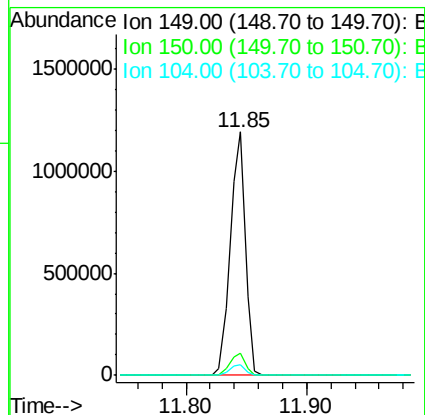
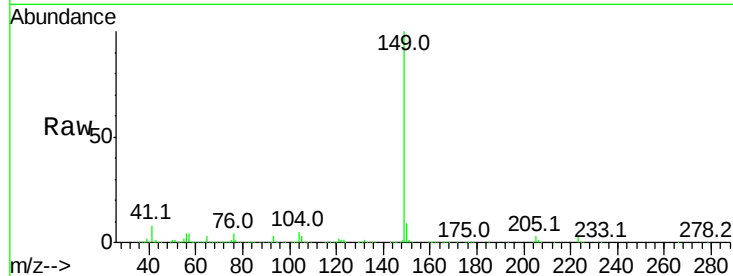
ClientSampleId :

PB105431BS

Tot Ion:	149	Resp:	1033276
Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.8	11.6
104	4.6	3.8	5.8

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#74

Fluoranthene

Concen: 38.466 ng

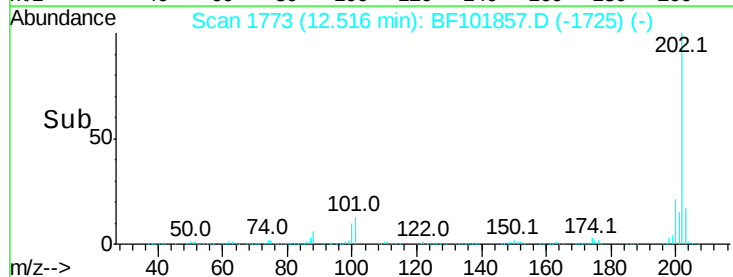
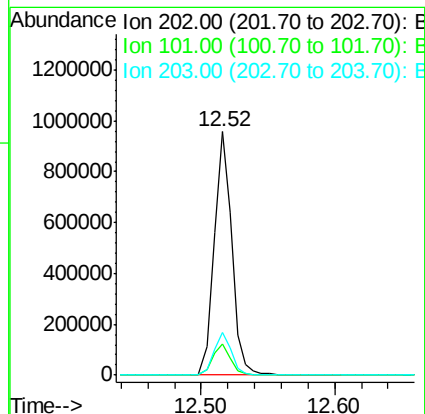
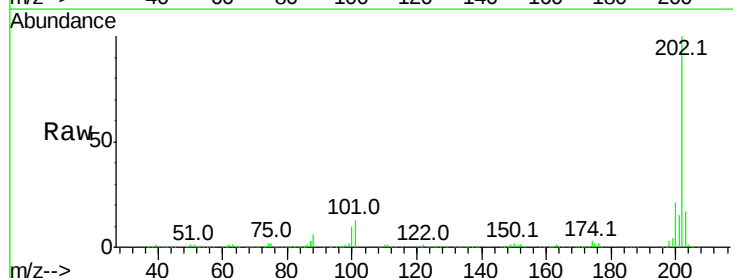
RT: 12.52 min Scan# 1773

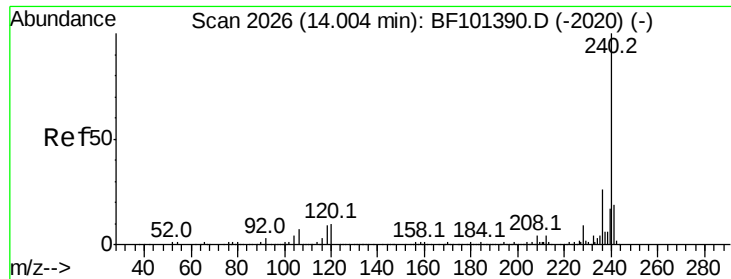
Delta R.T. -0.02 min

Lab File: BF101857.D

Acq: 3 Jan 2018 14:02

Tgt Ion:	202	Resp:	888472
Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	34.1
203	17.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.02 min

Lab File: BF101857.D

Acq: 3 Jan 2018 14:02

Instrument :

BNA_F

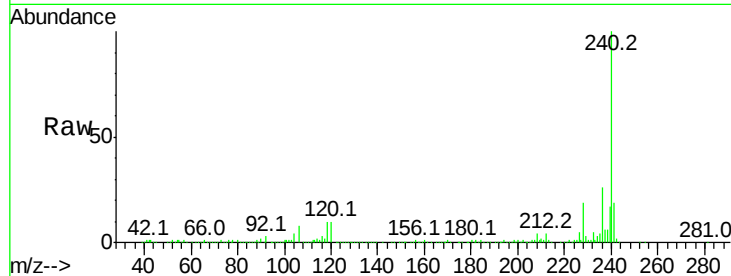
ClientSampleId :

PB105431BS

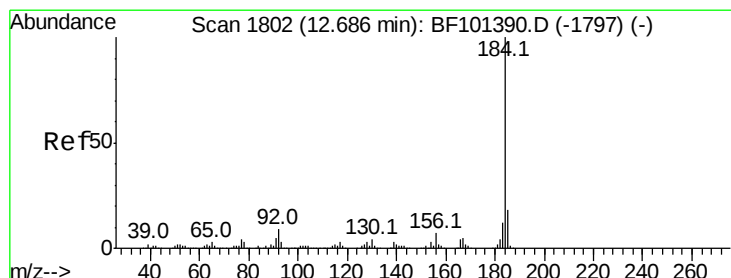
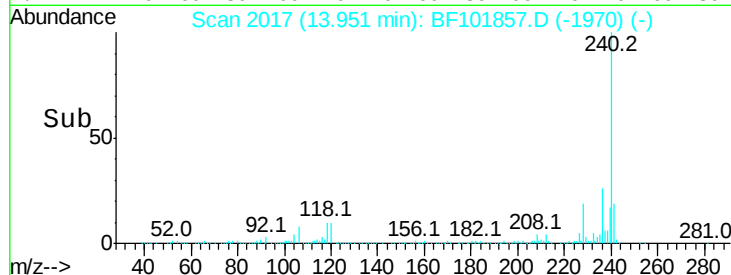
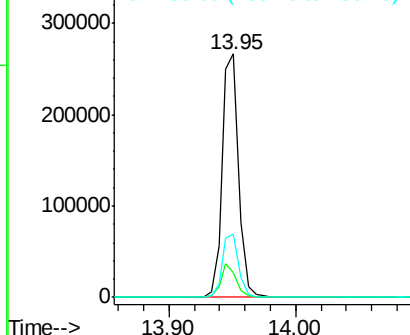
Tot Ion:	240	Resp:	240115
Ion Ratio	Lower	Upper	
240	100		
120	10.4	9.5	14.3
236	26.1	20.7	31.1

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



#76

Benzidine

Concen: 17.702 ng

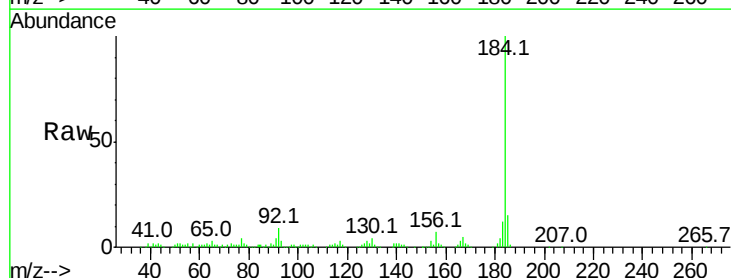
RT: 12.65 min Scan# 1795

Delta R.T. -0.01 min

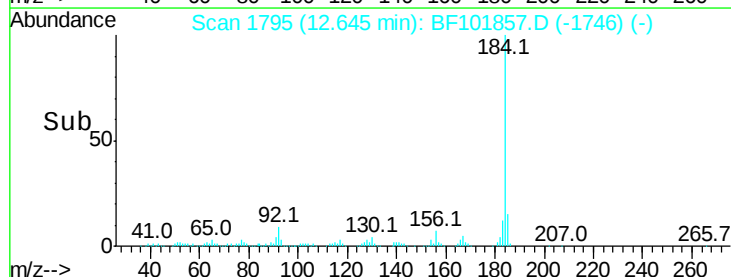
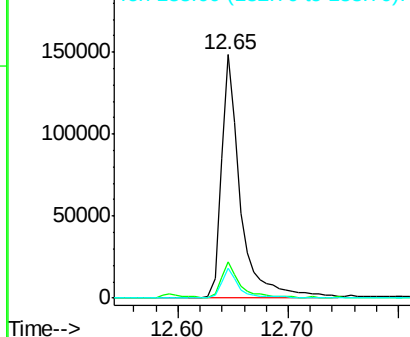
Lab File: BF101857.D

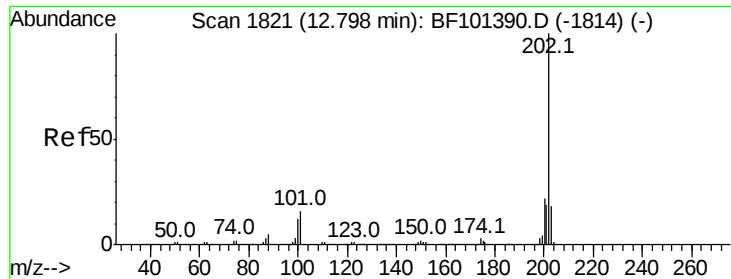
Acq: 3 Jan 2018 14:02

Tgt Ion:	184	Resp:	179522
Ion Ratio	Lower	Upper	
184	100		
185	14.7	12.6	18.8
183	12.2	9.3	13.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 50.005 ng

RT: 12.75 min Scan# 1812

Delta R.T. -0.02 min

Lab File: BF101857.D

Acq: 3 Jan 2018 14:02

Instrument :

BNA_F

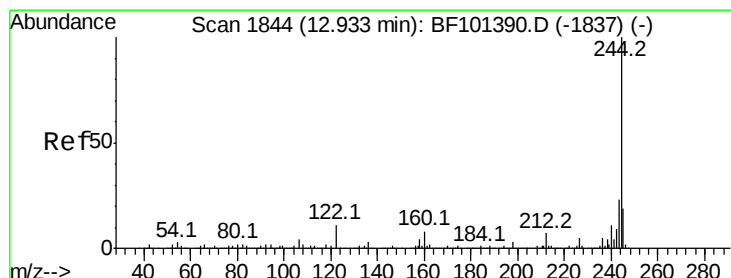
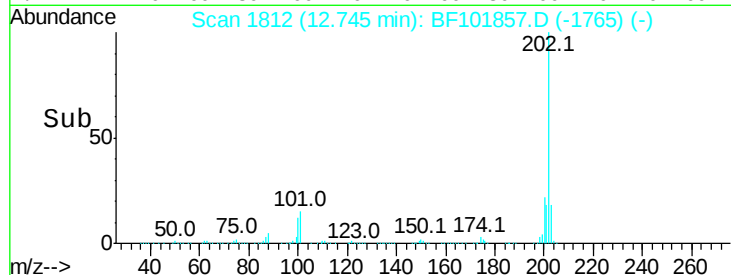
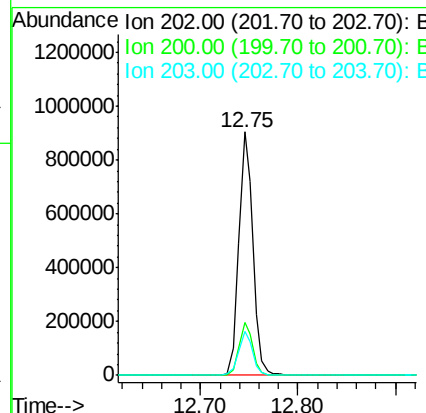
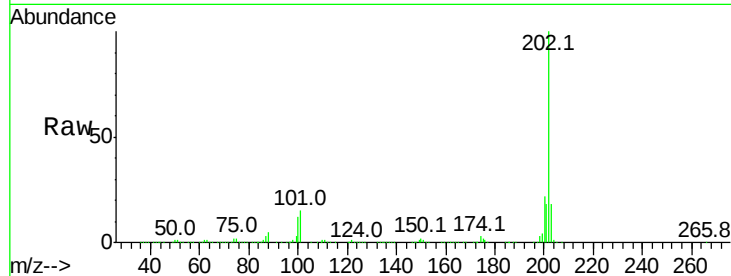
ClientSampleId :

PB105431BS

Tot Ion:	202	Resp:	901118
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.4	26.2
203	17.8	14.3	21.5

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#78

Terphenyl-d14

Concen: 109.720 ng

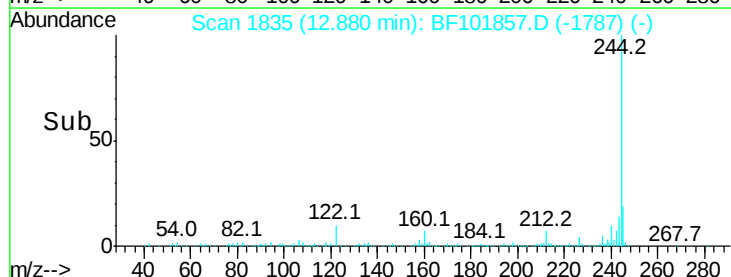
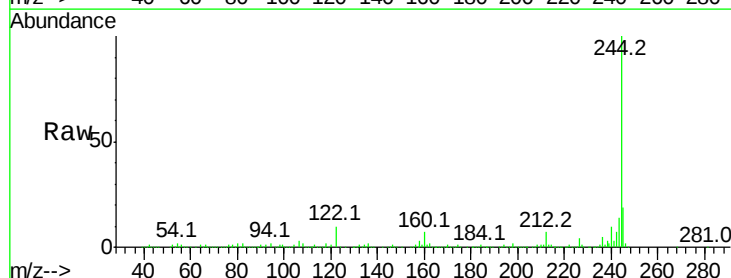
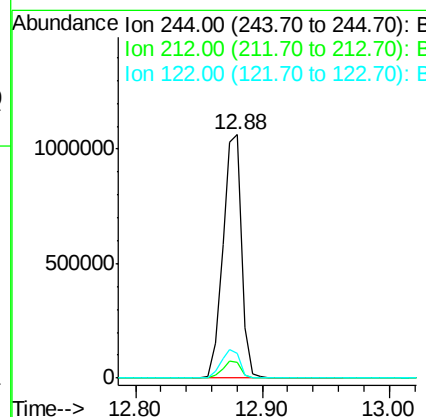
RT: 12.88 min Scan# 1835

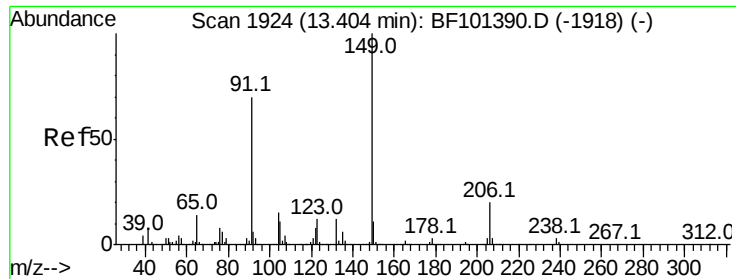
Delta R.T. -0.02 min

Lab File: BF101857.D

Acq: 3 Jan 2018 14:02

Tgt Ion:	244	Resp:	1092826
Ion Ratio	Lower	Upper	
244	100		
212	6.7	5.4	8.0
122	10.0	11.0	16.4#





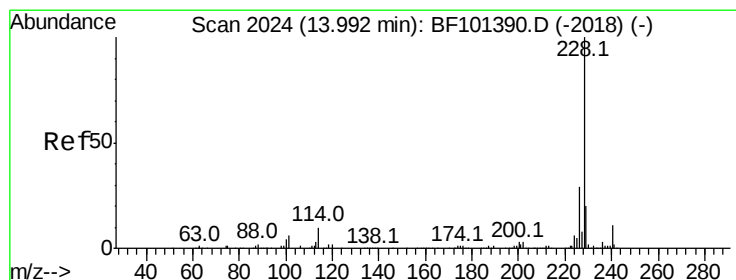
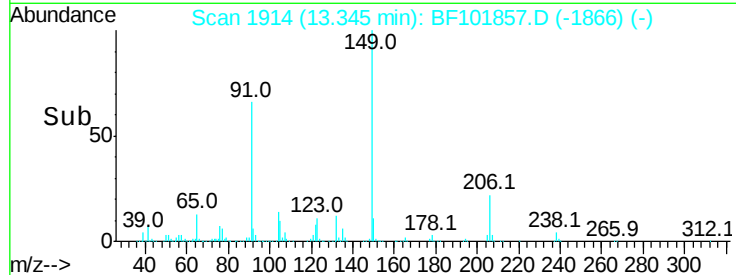
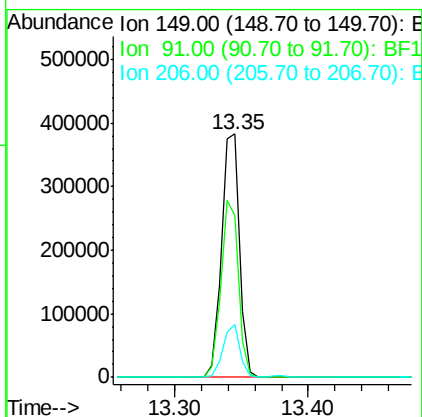
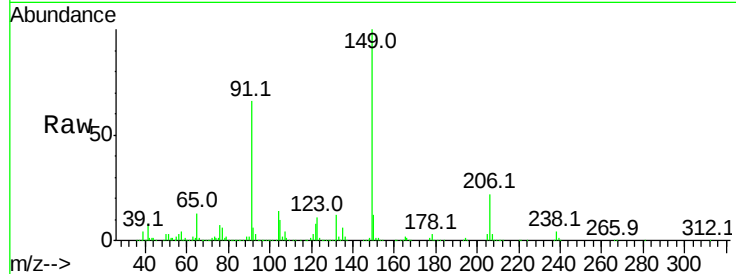
#79
Butylbenzylphthalate
Concen: 45.107 ng
RT: 13.35 min Scan# 1914
Delta R.T. -0.02 min
Lab File: BF101857.D
Acq: 3 Jan 2018 14:02

Instrument :
BNA_F
ClientSampleId :
PB105431BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	66.3	56.8	85.2
206	21.6	14.1	21.1

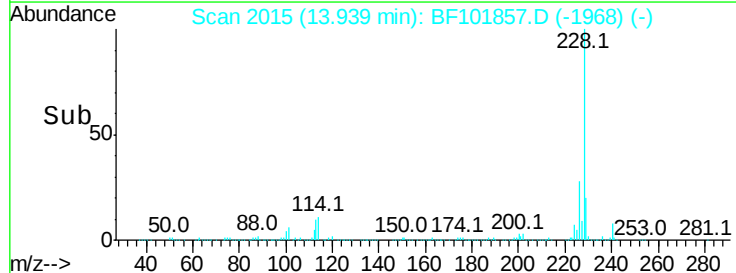
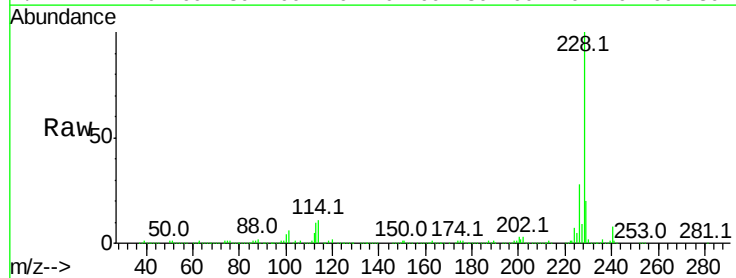
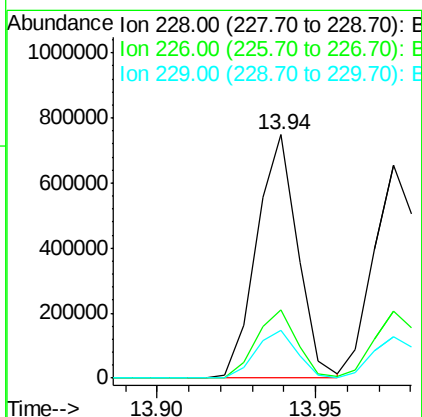
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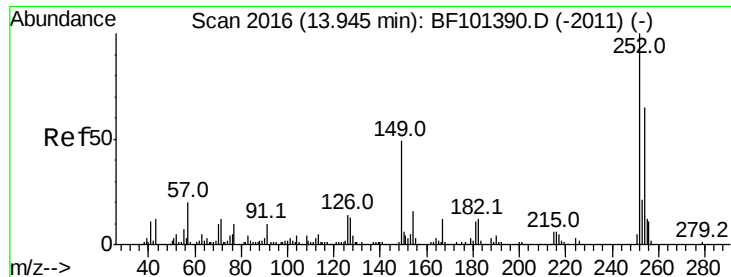
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#80
Benzo(a)anthracene
Concen: 42.268 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BF101857.D
Acq: 3 Jan 2018 14:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	19.7	15.8	23.6





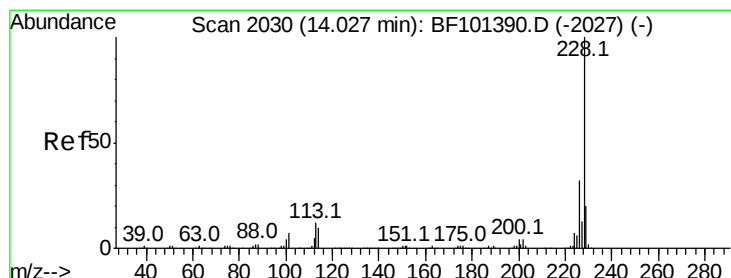
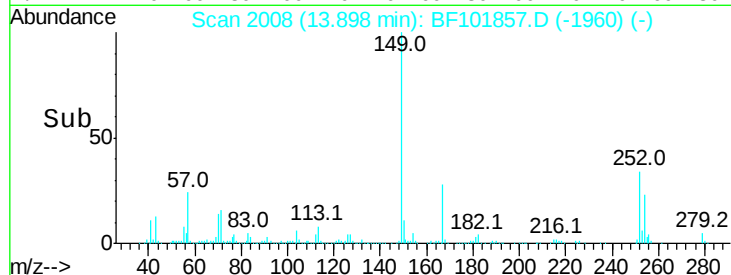
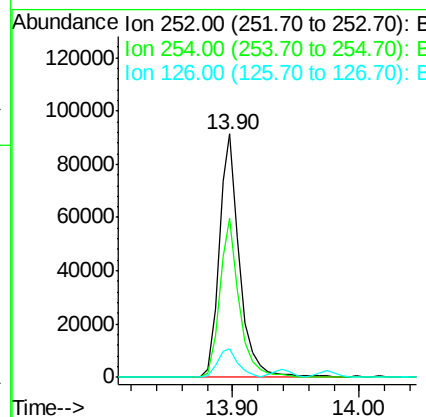
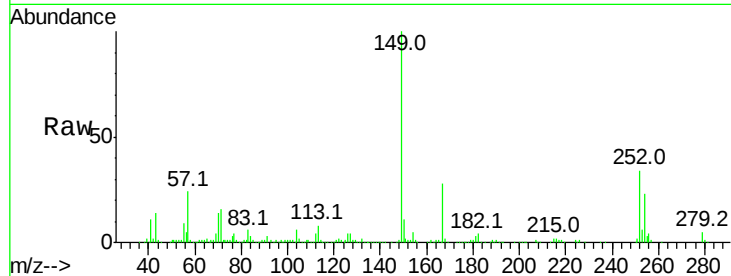
#81
 3,3'-Dichlorobenzidine
 Concen: 19.780 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.02 min
 Lab File: BF101857.D
 Acq: 3 Jan 2018 14:02

Instrument :
 BNA_F
 ClientSampleId :
 PB105431BS

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	65.4	50.4	75.6
126	11.5	11.3	16.9

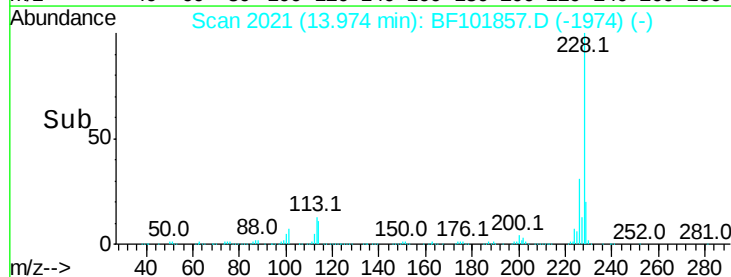
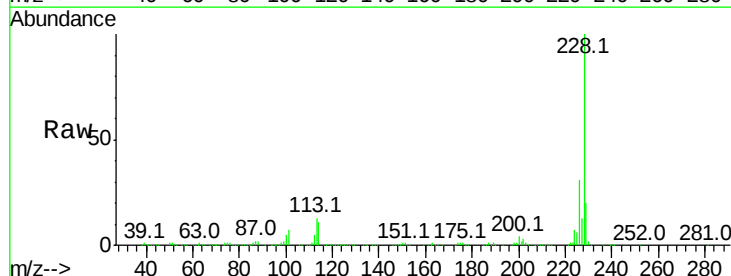
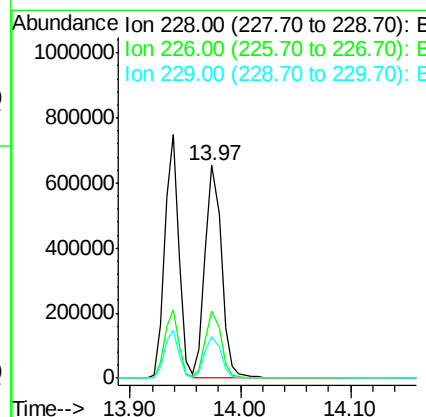
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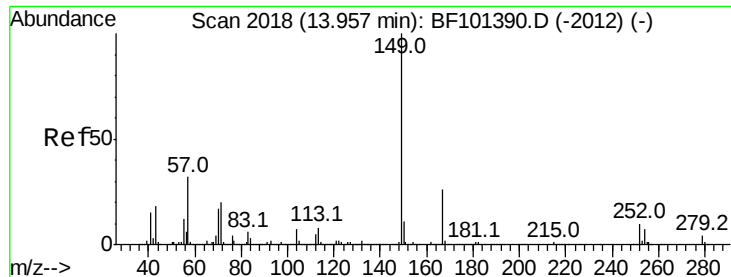
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#82
 Chrysene
 Concen: 44.021 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.02 min
 Lab File: BF101857.D
 Acq: 3 Jan 2018 14:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.3	25.0	37.6
229	19.7	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.827 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF101857.D

Acq: 3 Jan 2018 14:02

Instrument :

BNA_F

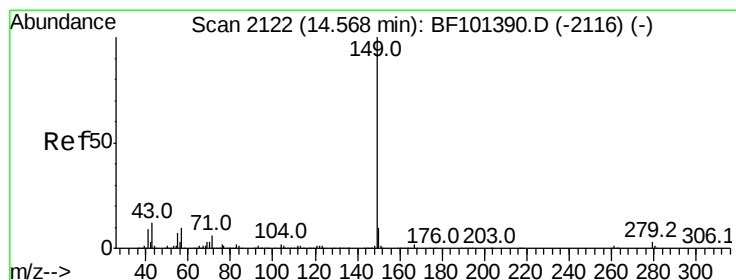
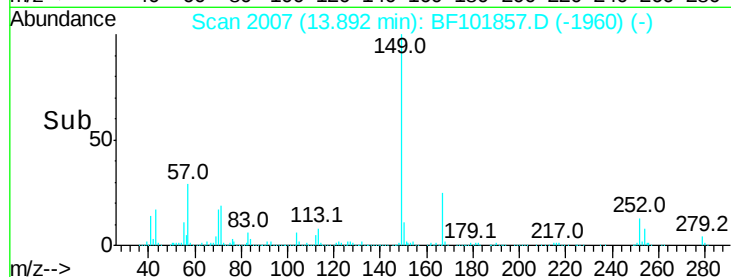
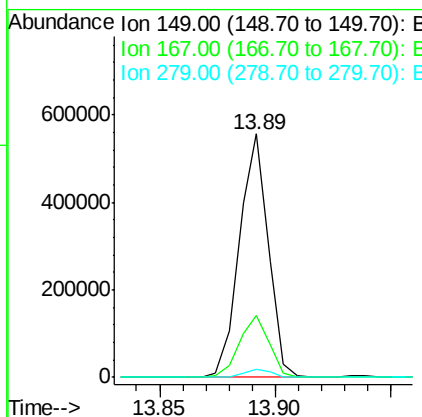
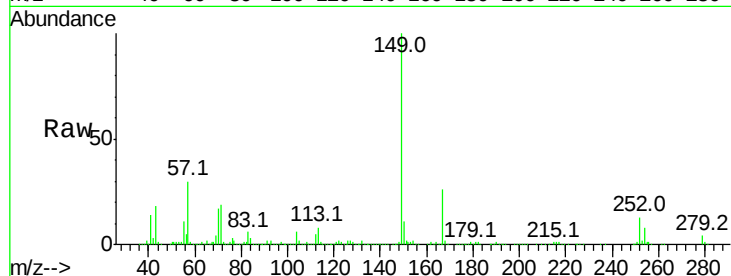
ClientSampleId :

PB105431BS

Tot Ion:	149	Resp:	483625
Ion Ratio	Lower	Upper	
149	100		
167	25.5	21.3	31.9
279	3.5	3.0	4.4

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#84

Di-n-octyl phthalate

Concen: 42.104 ng

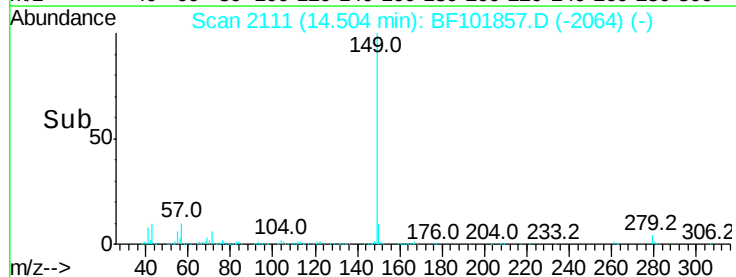
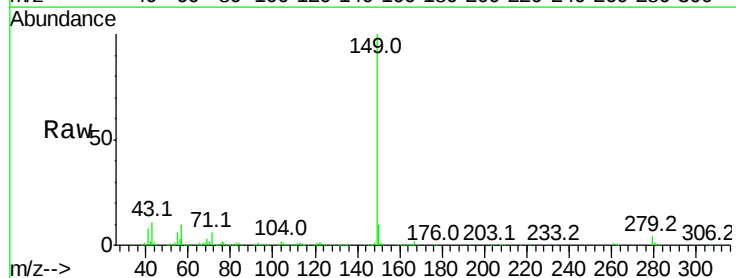
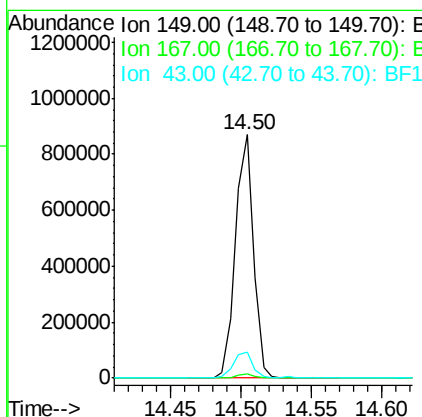
RT: 14.50 min Scan# 2111

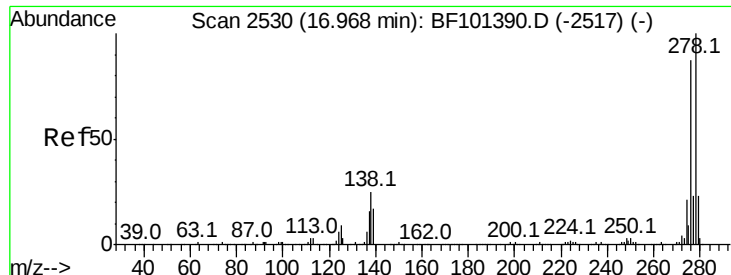
Delta R.T. -0.02 min

Lab File: BF101857.D

Acq: 3 Jan 2018 14:02

Tgt Ion:	149	Resp:	775499
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	11.0	8.4	12.6





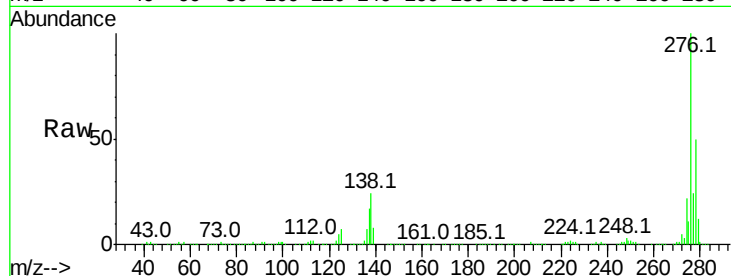
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 58.524 ng
 RT: 16.89 min Scan# 2517
 Delta R.T. -0.04 min
 Lab File: BF101857.D
 Acq: 3 Jan 2018 14:02

Instrument :
 BNA_F
 ClientSampleId :
 PB105431BS

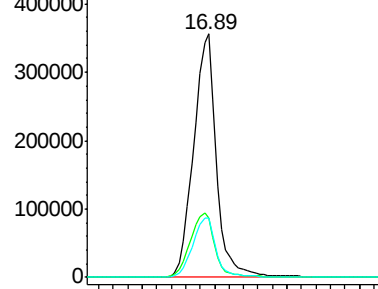
Tot Ion	Ratio	Resp	Lower	Upper
276	100	780175		
138	28.8	25.0	37.6	
277	25.2	20.1	30.1	

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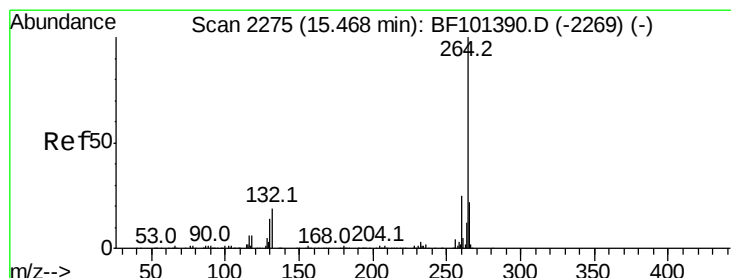
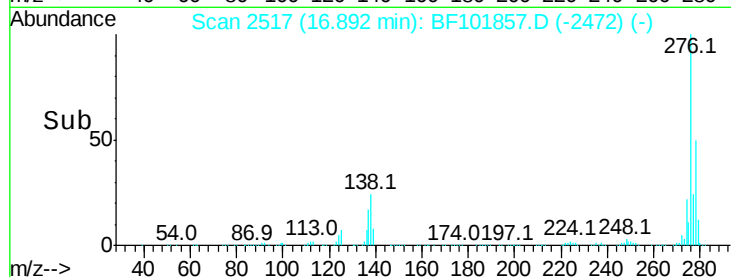
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Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

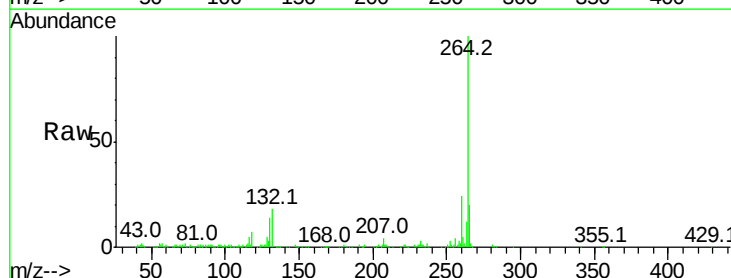


Time-->

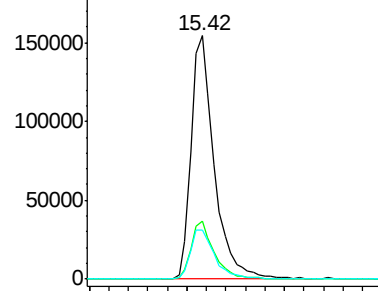


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. -0.02 min
 Lab File: BF101857.D
 Acq: 3 Jan 2018 14:02

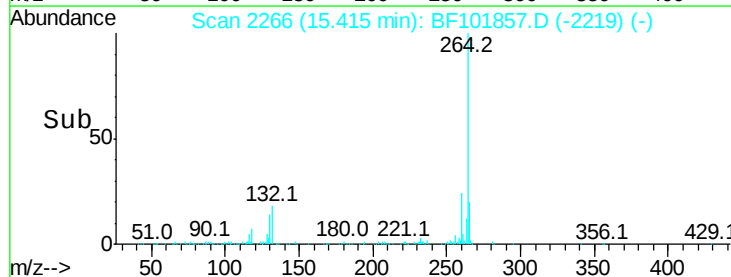
Tgt Ion	Ratio	Resp	Lower	Upper
264	100	254322		
260	23.7	19.2	28.8	
265	20.2	17.5	26.3	

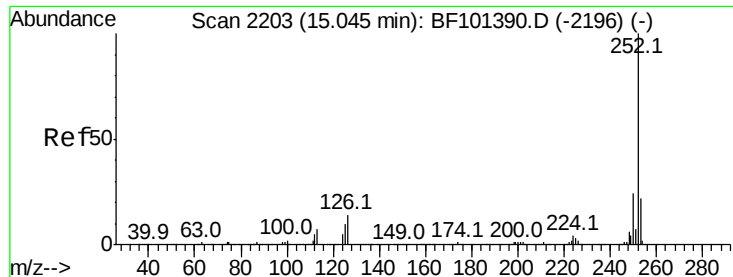


Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E



Time-->





#87

Benzo(b)fluoranthene

Concen: 37.831 ng

RT: 14.99 min Scan# 2193

Delta R.T. -0.03 min

Lab File: BF101857.D

Acq: 3 Jan 2018 14:02

Instrument :

BNA_F

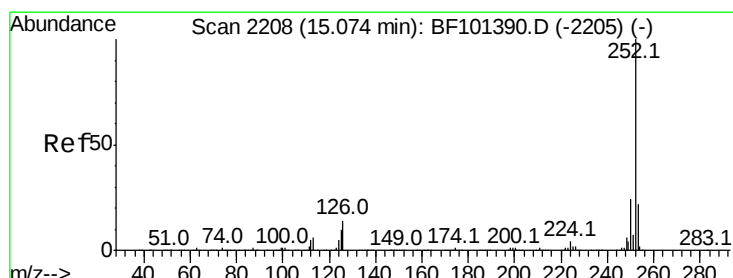
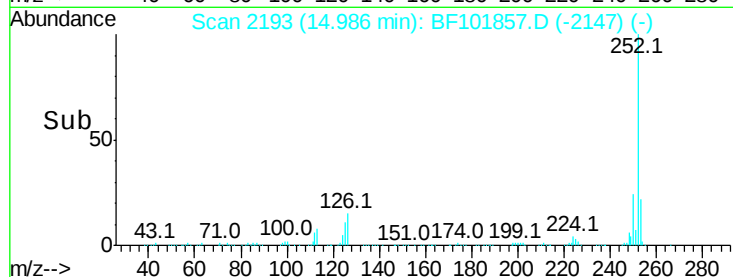
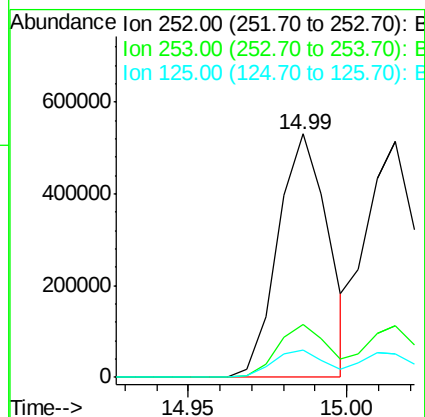
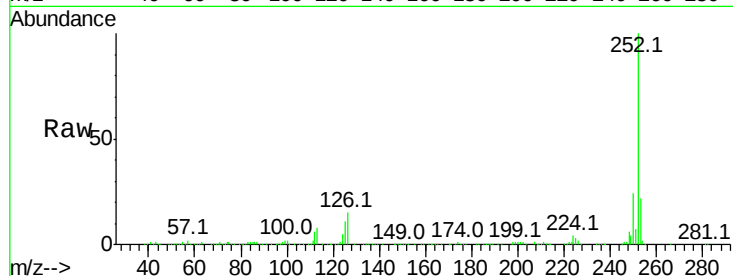
ClientSampleId :

PB105431BS

Tot Ion:	252	Resp:	586435
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.0	25.6
125	11.4	9.0	13.6

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#88

Benzo(k)fluoranthene

Concen: 41.831 ng m

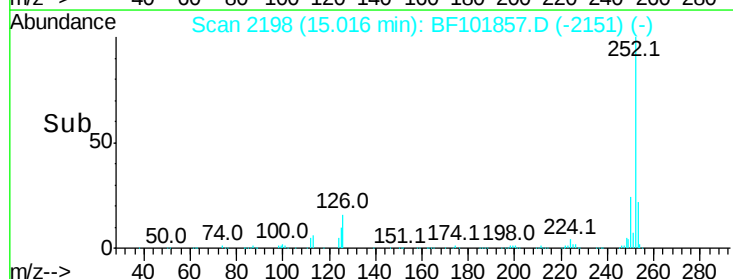
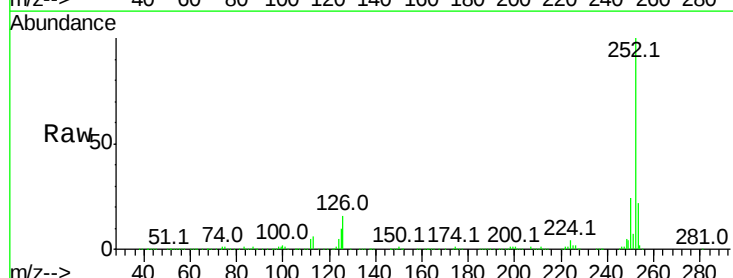
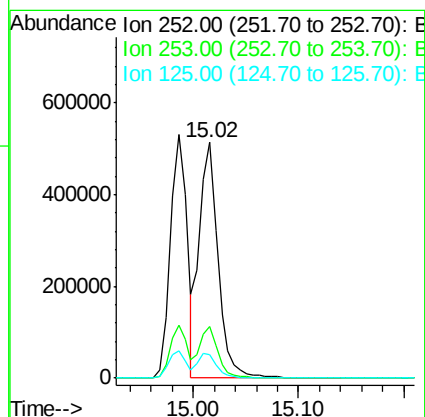
RT: 15.02 min Scan# 2198

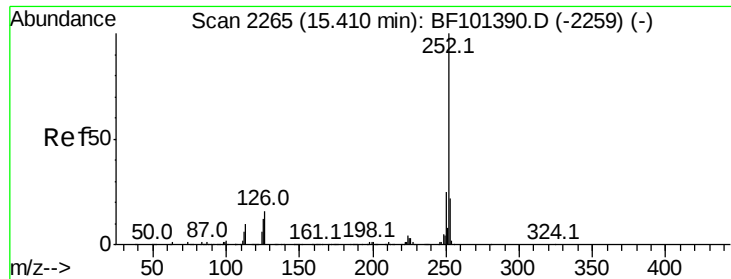
Delta R.T. -0.02 min

Lab File: BF101857.D

Acq: 3 Jan 2018 14:02

Tgt Ion:	252	Resp:	630465
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.9	26.9
125	10.2	10.2	15.2#





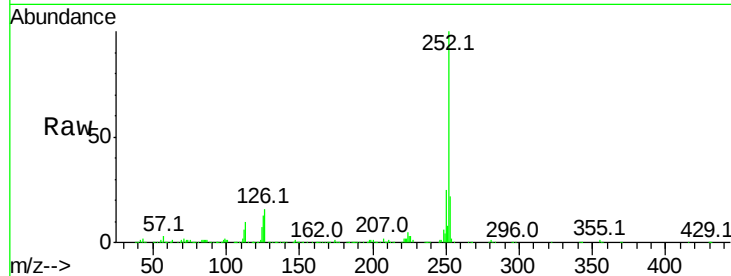
#89
Benzo(a)pyrene
Concen: 42.249 ng
RT: 15.35 min Scan# 2255
Delta R.T. -0.03 min
Lab File: BF101857.D
Acq: 3 Jan 2018 14:02

Instrument :
BNA_F
ClientSampleId :
PB105431BS

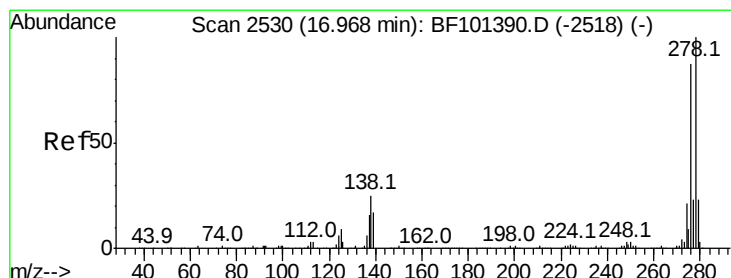
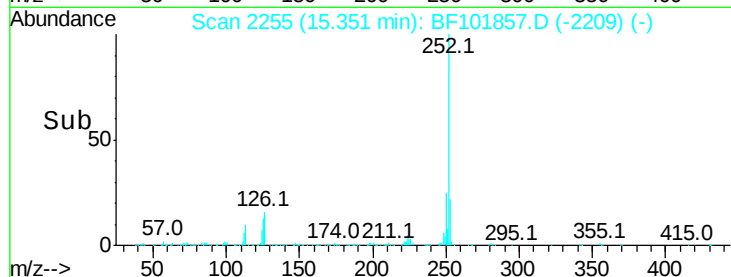
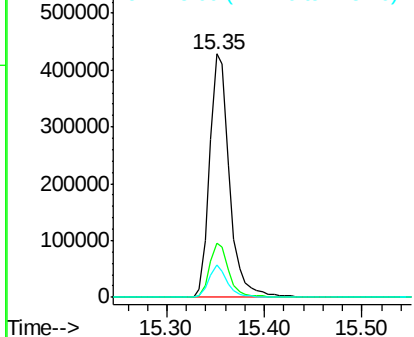
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	13.1	9.8	14.6

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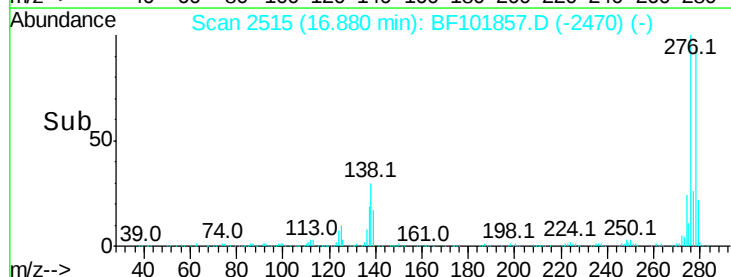
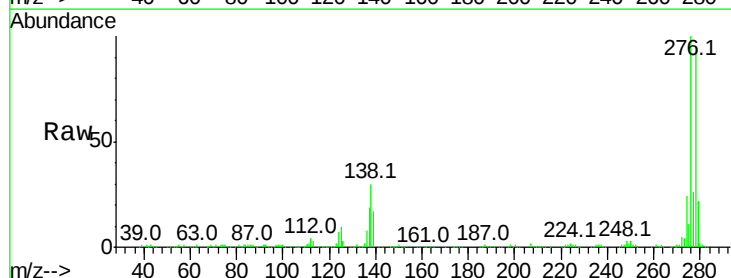
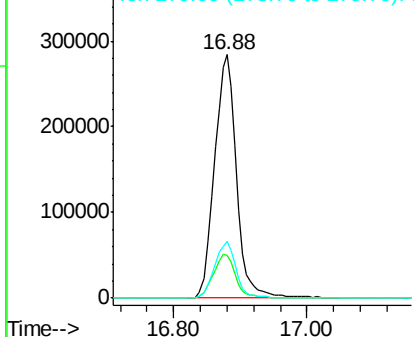
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

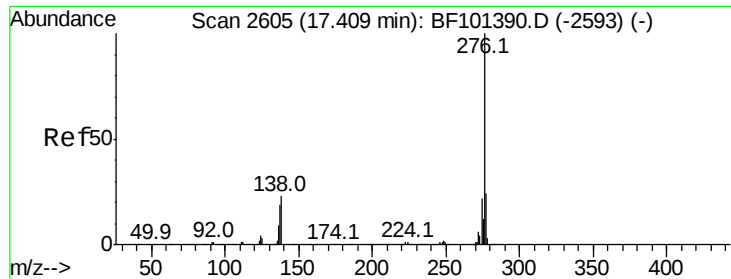


#90
Dibenzo(a,h)anthracene
Concen: 53.590 ng
RT: 16.88 min Scan# 2515
Delta R.T. -0.04 min
Lab File: BF101857.D
Acq: 3 Jan 2018 14:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.7	15.9	23.9
279	23.1	19.0	28.4

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





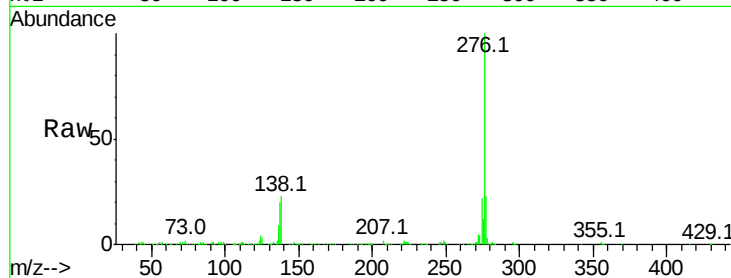
#91
 Benzo(a,h,i)perylene
 Concen: 59.530 ng
 RT: 17.33 min Scan# 2592
 Delta R.T. -0.04 min
 Lab File: BF101857.D
 Acq: 3 Jan 2018 14:02

Instrument :
 BNA_F
 ClientSampleId :
 PB105431BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.0	17.9	26.9
138	23.0	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 1/4/2018 1:56:18 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

