

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020618\
 Data File : BF102792.D
 Acq On : 6 Feb 2018 18:56
 Operator : SJ/JU
 Sample : J1455-03MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LW-01-BMSD

Manual Integrations
 APPROVED

Sohil
 2/7/2018 4:18:03 PM

Quant Time: Feb 07 00:44:30 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	204732	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	809654	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	326378	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	439098	20.00	ng	0.00
75) Chrysene-d12	14.05	240	337031	20.00	ng	0.00
86) Perylene-d12	15.53	264	328616	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	797795	59.18	ng	0.00
7) Phenol-d6	6.50	99	603907	37.20	ng	0.00
23) Nitrobenzene-d5	7.45	82	1223938	104.87	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	309995	118.01	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1891123	96.15	ng	0.00
78) Terphenyl-d14	12.99	244	1230338	86.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	101966	15.313	ng	86
3) Pyridine	3.49	79	210649	11.450	ng	# 85
4) n-Nitrosodimethylamine	3.42	42	138849	17.640	ng	# 95
6) Aniline	6.55	93	436552	18.212	ng	94
8) 2-Chlorophenol	6.67	128	502361	36.196	ng	95
9) Benzaldehyde	6.43	77	222330	18.444	ng	97
10) Phenol	6.52	94	239421m	13.763	ng	
11) bis(2-Chloroethyl)ether	6.62	93	598047	41.315	ng	89
12) 1,3-Dichlorobenzene	6.83	146	609367	37.915	ng	98
13) 1,4-Dichlorobenzene	6.90	146	622716	38.896	ng	98
14) 1,2-Dichlorobenzene	7.06	146	570527	38.260	ng	98
15) Benzyl Alcohol	7.02	79	332816	26.669	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1112881	40.472	ng	97
17) 2-Methylphenol	7.13	107	358023	27.966	ng	100
18) Hexachloroethane	7.40	117	202261	36.842	ng	97
19) n-Nitroso-di-n-propylamine	7.30	70	432957	40.455	ng	94
20) 3+4-Methylphenols	7.29	107	365812	23.171	ng	# 61
22) Acetophenone	7.29	105	840737	42.434	ng	96
24) Nitrobenzene	7.47	77	643583	46.881	ng	99
25) Isophorone	7.70	82	1218664	45.345	ng	99
26) 2-Nitrophenol	7.78	139	270898	48.024	ng	97
27) 2,4-Dimethylphenol	7.82	122	494935	43.590	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	762065	47.867	ng	99
29) 2,4-Dichlorophenol	8.02	162	452489	43.838	ng	99
30) 1,2,4-Trichlorobenzene	8.11	180	475366	40.710	ng	99
31) Naphthalene	8.19	128	1617390	40.887	ng	99
32) Benzoic acid	7.89	122	78789m	17.687	ng	
33) 4-Chloroaniline	8.23	127	416432	24.437	ng	98
34) Hexachlorobutadiene	8.30	225	228376	38.168	ng	99
35) Caprolactam	8.61	113	22193	6.191	ng	# 87
36) 4-Chloro-3-methylphenol	8.71	107	446457	38.497	ng	96
37) 2-Methylnaphthalene	8.88	142	1077546	41.605	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	420783	47.350	ng	99
40) Hexachlorocyclopentadiene	9.03	237	142259	33.674	ng	99

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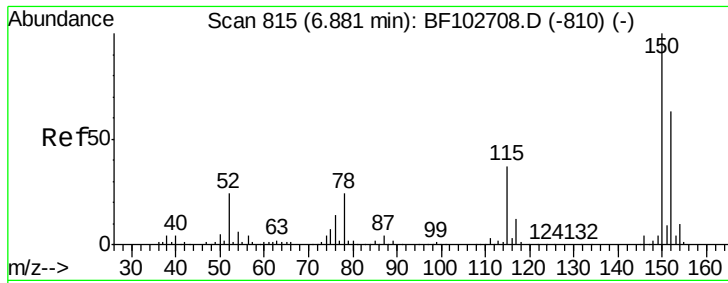
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	288618	49.446	ng	96
43) 2,4,5-Trichlorophenol	9.19	196	295354	44.894	ng	98
45) 1,1'-Biphenyl	9.35	154	1221547	44.436	ng	100
46) 2-Chloronaphthalene	9.37	162	969976	44.819	ng	99
47) 2-Nitroaniline	9.46	65	344546	51.333	ng	88
48) Acenaphthylene	9.79	152	1410104	41.950	ng	99
49) Dimethylphthalate	9.65	163	1172641	46.079	ng	99
50) 2,6-Dinitrotoluene	9.70	165	237111	48.974	ng	92
51) Acenaphthene	9.96	154	822891	40.936	ng	98
52) 3-Nitroaniline	9.87	138	217561	36.520	ng	95
53) 2,4-Dinitrophenol	9.97	184	15754	23.163	ng	# 27
54) Dibenzofuran	10.13	168	1234073	43.562	ng	96
55) 4-Nitrophenol	10.03	139	123462	27.974	ng	94
56) 2,4-Dinitrotoluene	10.11	165	284496	44.082	ng	93
57) Fluorene	10.47	166	860124	41.730	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.25	232	201354	44.159	ng	98
59) Diethylphthalate	10.34	149	1084014	43.140	ng	99
60) 4-Chlorophenyl-phenylether	10.46	204	407352	44.676	ng	98
61) 4-Nitroaniline	10.49	138	236524	41.711	ng	93
62) Azobenzene	10.62	77	1002740	39.945	ng	97
64) 4,6-Dinitro-2-methylphenol	10.52	198	16330	16.854	ng	94
65) n-Nitrosodiphenylamine	10.58	169	815097	52.627	ng	99
66) 4-Bromophenyl-phenylether	10.95	248	243328	52.387	ng	99
67) Hexachlorobenzene	11.02	284	238311	46.508	ng	93
68) Atrazine	11.11	200	210908	46.159	ng	95
69) Pentachlorophenol	11.21	266	232920	77.435	ng	98
70) Phenanthrene	11.43	178	1089595	44.555	ng	99
71) Anthracene	11.49	178	1117223	44.917	ng	99
72) Carbazole	11.64	167	1035908	42.512	ng	99
73) Di-n-butylphthalate	11.97	149	1392227	47.034	ng	99
74) Fluoranthene	12.62	202	1032860	41.979	ng	98
76) Benzidine	12.74	184	292214	18.865	ng	98
77) Pyrene	12.85	202	1053725	39.871	ng	99
79) Butylbenzylphthalate	13.46	149	553303	43.858	ng	98
80) Benzo(a)anthracene	14.04	228	1006033	47.463	ng	99
81) 3,3'-Dichlorobenzidine	14.00	252	341301	43.428	ng	100
82) Chrysene	14.08	228	958753	44.871	ng	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	770965	47.620	ng	99
84) Di-n-octyl phthalate	14.63	149	1425891	58.656	ng	99
85) Indeno(1,2,3-cd)pyrene	17.03	276	813968	45.932	ng	99
87) Benzo(b)fluoranthene	15.10	252	1030031	48.346	ng	99
88) Benzo(k)fluoranthene	15.13	252	949718	46.653	ng	99
89) Benzo(a)pyrene	15.47	252	911656	47.538	ng	96
90) Dibenzo(a,h)anthracene	17.04	278	699303	44.926	ng	99
91) Benzo(g,h,i)perylene	17.48	276	662096	43.457	ng	96

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



#1

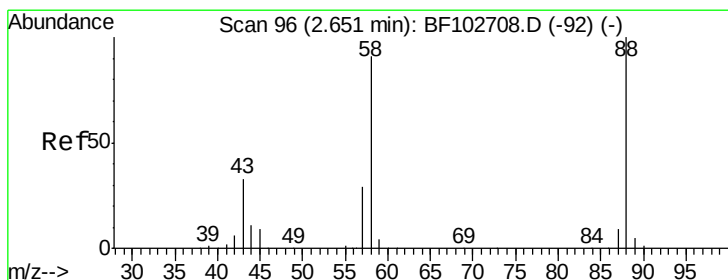
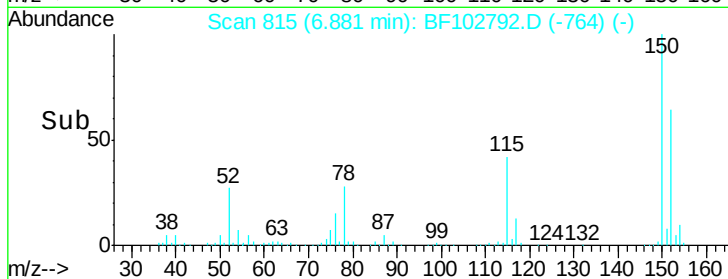
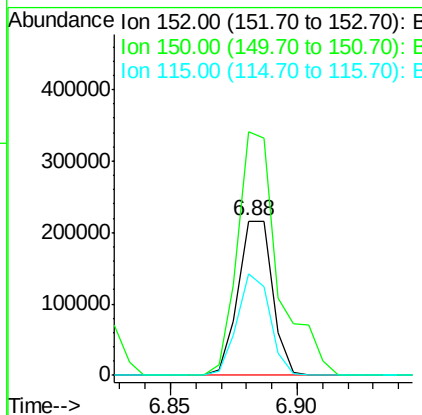
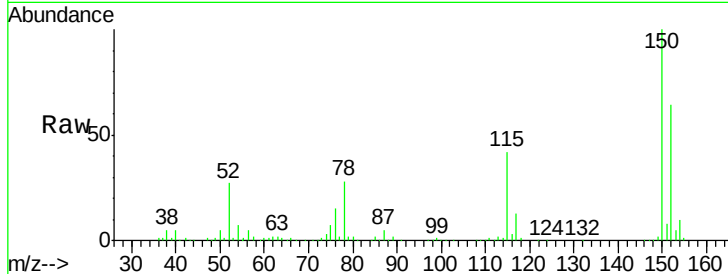
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF102792.D
Acq: 6 Feb 2018 18:56

Instrument :
BNA_F
ClientSampleId :
LW-01-BMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.6	186.8
115	65.6	50.1	75.1

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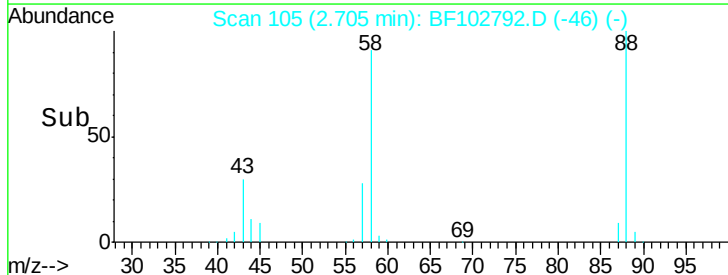
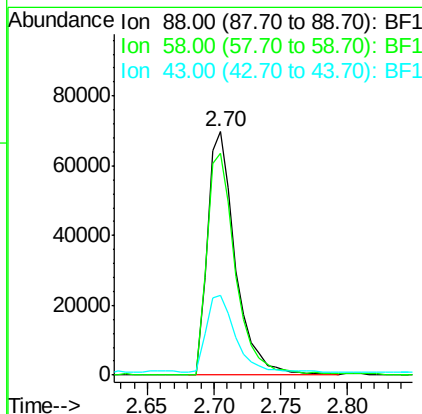
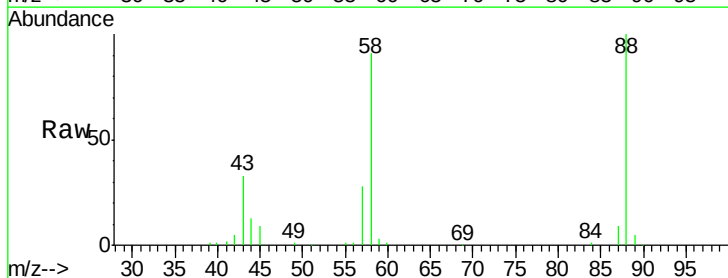
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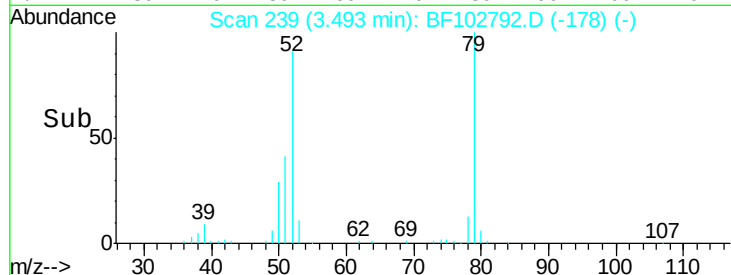
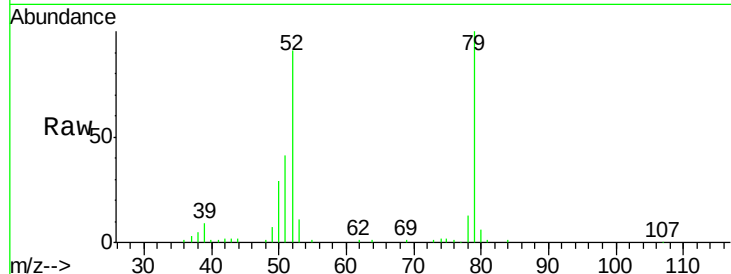
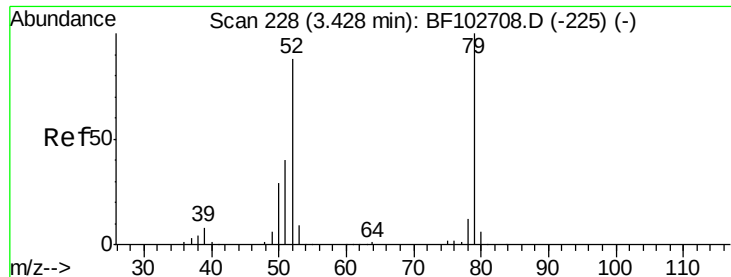


#2

1,4-Dioxane
Concen: 15.313 ng
RT: 2.70 min Scan# 105
Delta R.T. 0.05 min
Lab File: BF102792.D
Acq: 6 Feb 2018 18:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	93.4	62.6	93.8
43	33.4	24.6	37.0





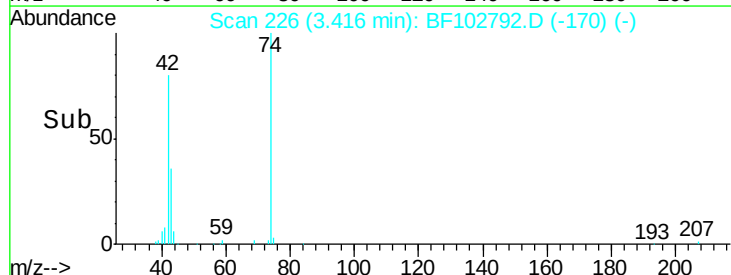
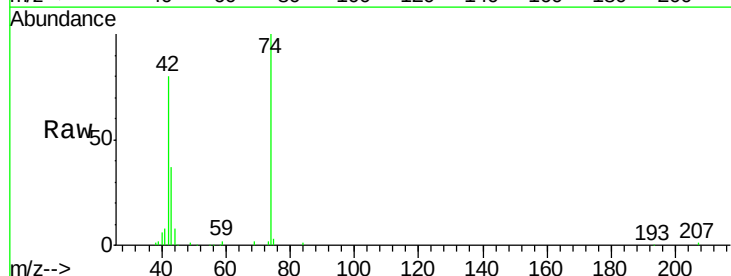
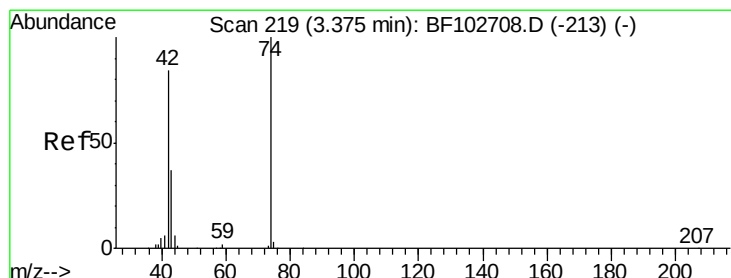
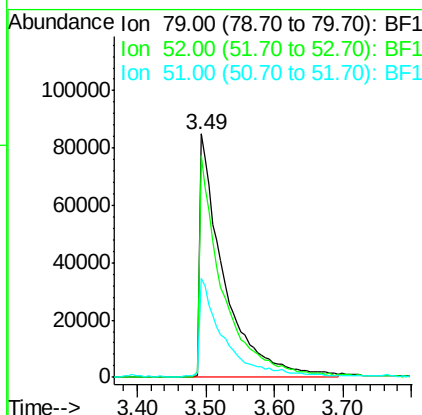
#3
 Pvridine
 Concen: 11.450 ng
 RT: 3.49 min Scan# 239
 Delta R.T. 0.06 min
 Lab File: BF102792.D
 Acq: 6 Feb 2018 18:56

Tot Ion	Ratio	Lower	Upper
79	100		
52	91.2	59.8	89.6#
51	40.8	29.8	44.8

Instrument :
 BNA_F
 ClientSampleId :
 LW-01-BMSD

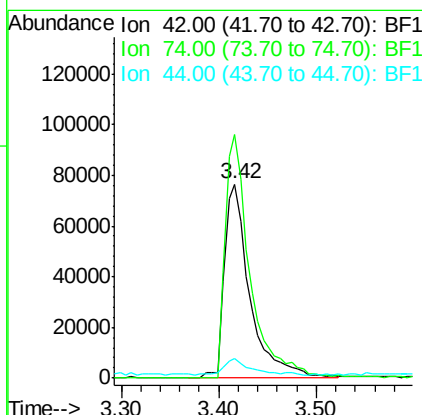
Manual Integrations
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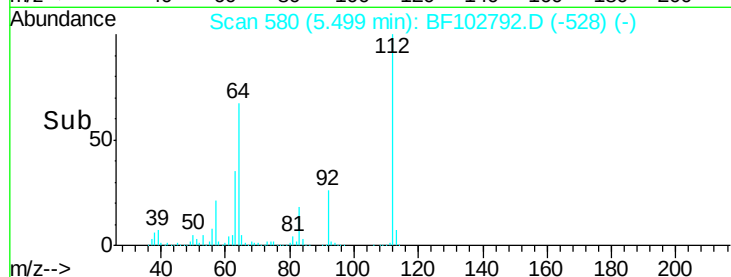
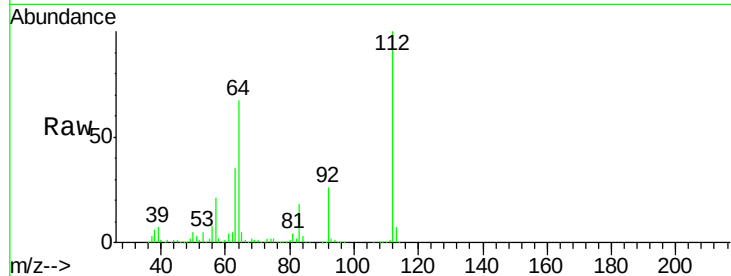
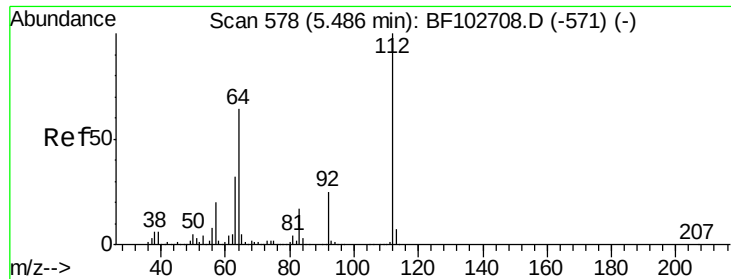
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#4
 n-Nitrosodimethylamine
 Concen: 17.640 ng
 RT: 3.42 min Scan# 226
 Delta R.T. 0.03 min
 Lab File: BF102792.D
 Acq: 6 Feb 2018 18:56

Tgt Ion	Ratio	Lower	Upper
42	100		
74	125.4	104.9	157.3
44	10.4	6.9	10.3#





#5

2-Fluorophenol

Concen: 59.179 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF102792.D

Acq: 6 Feb 2018 18:56

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		797795		
64	66.9	47.9	71.9		
63	34.6	23.7	35.5		

Instrument :

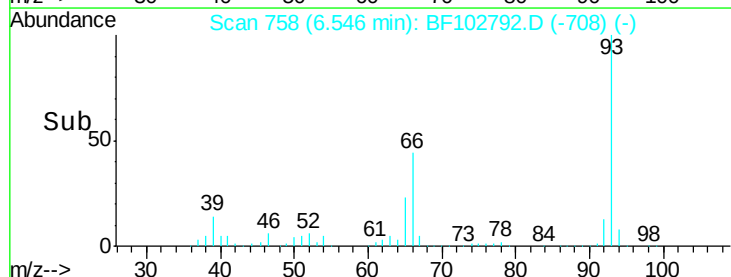
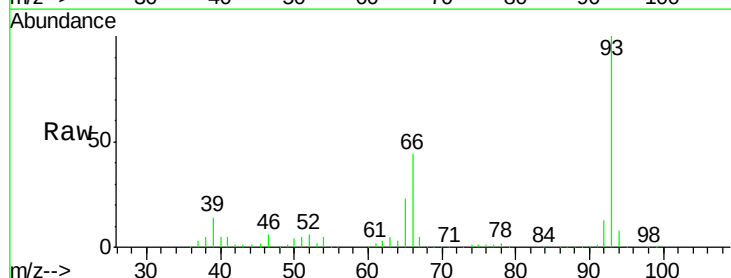
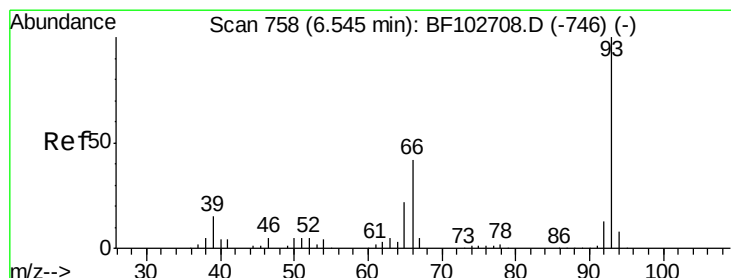
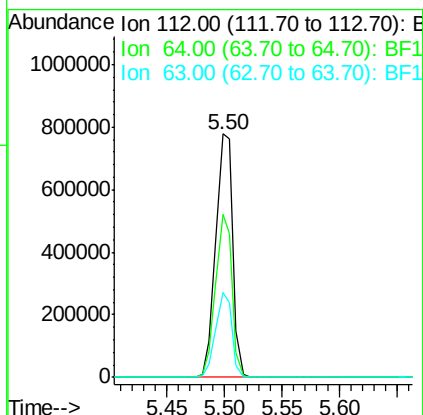
BNA_F

ClientSampleId :

LW-01-BMSD

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#6

Aniline

Concen: 18.212 ng

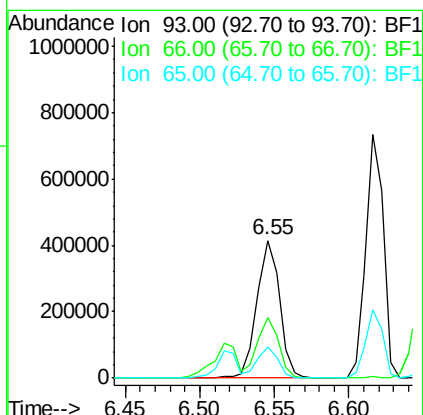
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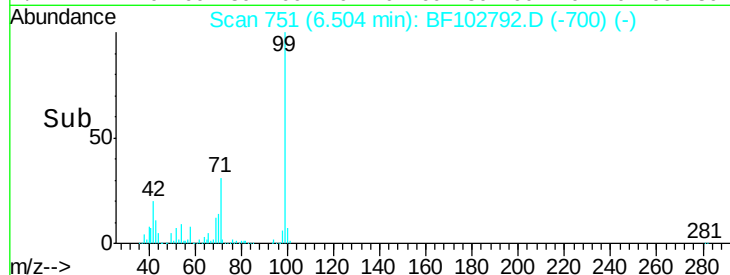
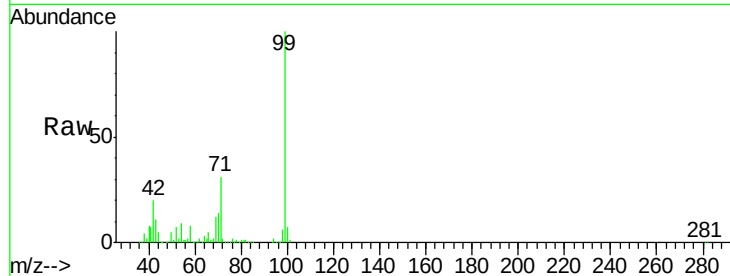
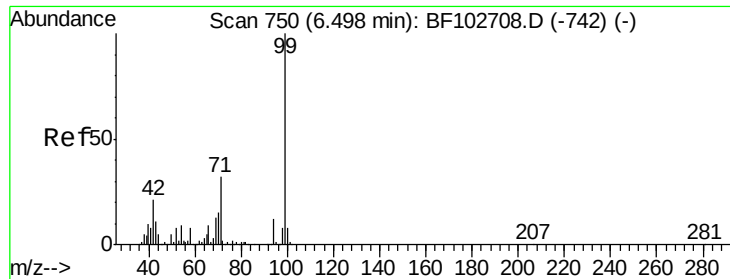
Delta R.T. -0.01 min

Lab File: BF102792.D

Acq: 6 Feb 2018 18:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		436552		
66	43.9	32.2	48.2		
65	22.9	16.4	24.6		





#7

Phenol-d6

Concen: 37.205 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF102792.D

Acq: 6 Feb 2018 18:56

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		603907		
42	20.3	14.5	21.7		
71	31.3	25.4	38.0		

Instrument :

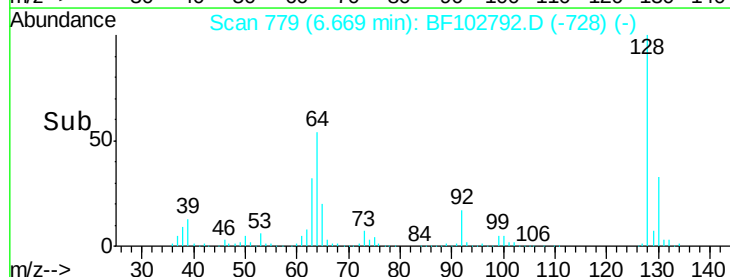
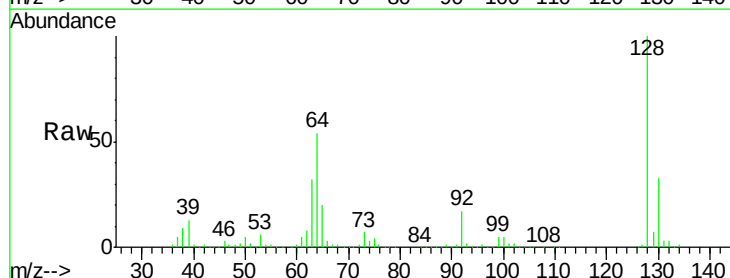
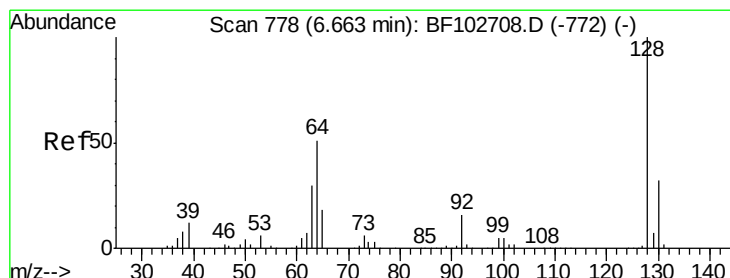
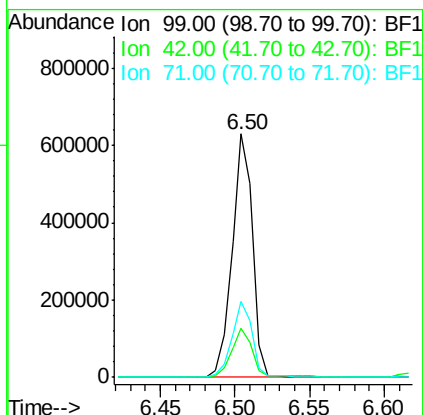
BNA_F

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#8

2-Chlorophenol

Concen: 36.196 ng

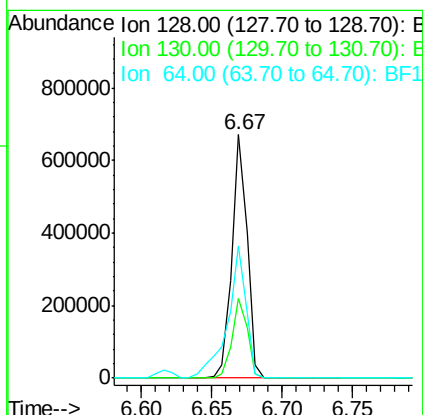
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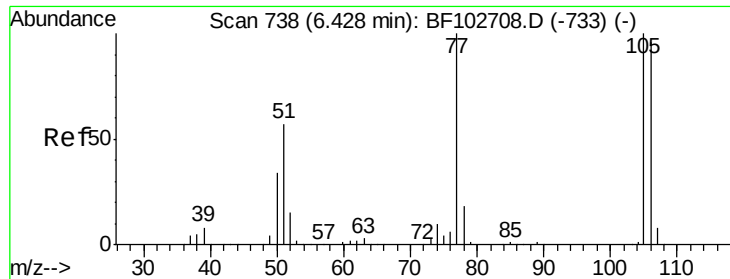
Delta R.T. 0.00 min

Lab File: BF102792.D

Acq: 6 Feb 2018 18:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		502361		
130	32.6	13.0	53.0		
64	54.4	29.4	69.4		





#9

Benzaldehyde

Concen: 18.444 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF102792.D

Acq: 6 Feb 2018 18:56

Instrument :

BNA_F

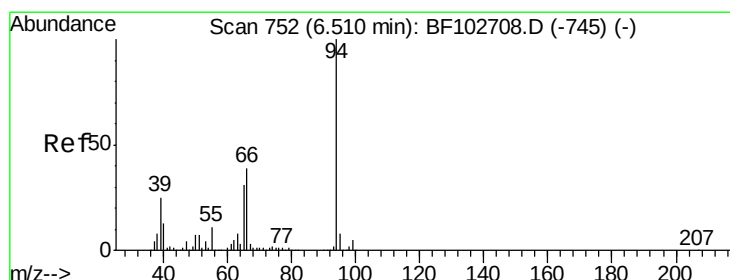
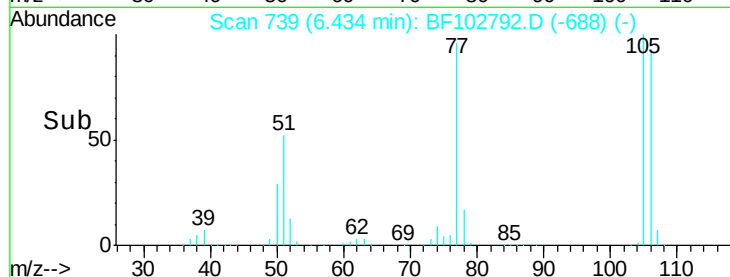
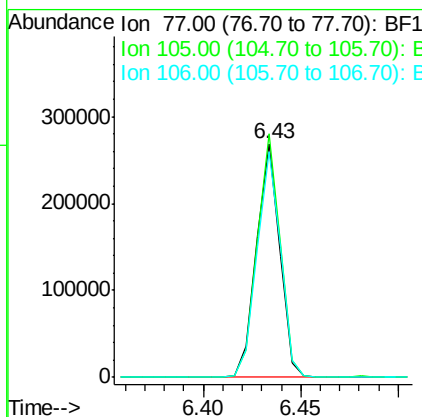
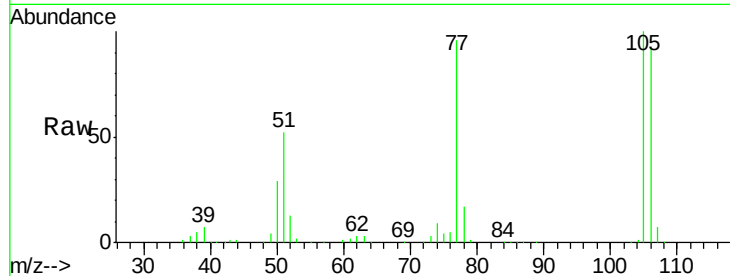
ClientSampleId :

LW-01-BMSD

Tot Ion:	77	Resp:	222330
Ion Ratio	Lower	Upper	
77	100		
105	104.3	81.1	121.1
106	96.9	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 13.763 ng m

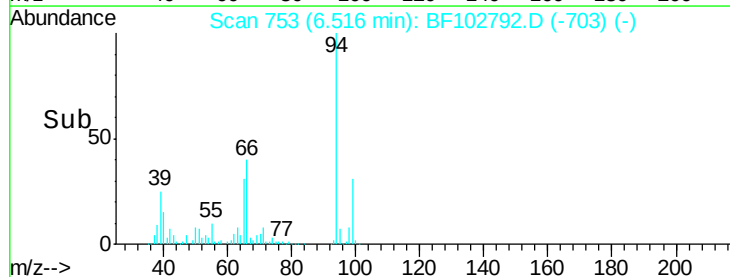
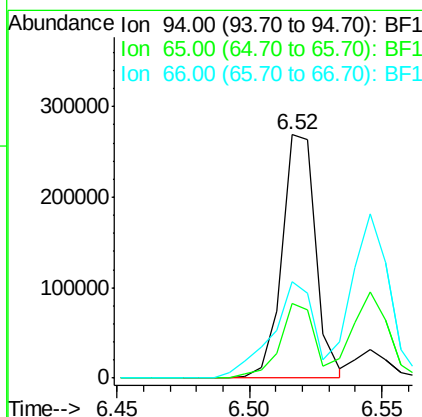
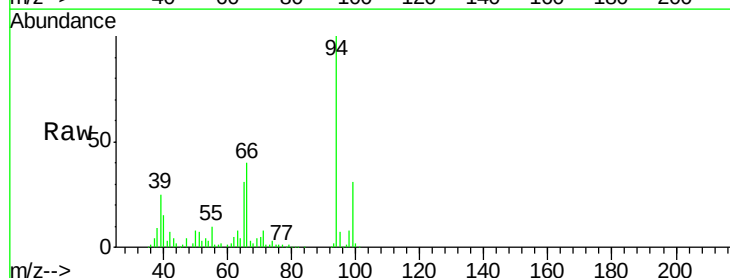
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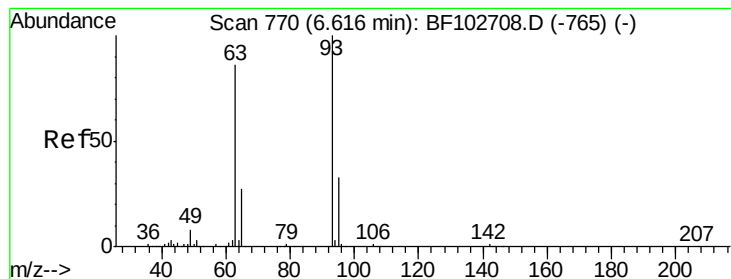
Delta R.T. -0.01 min

Lab File: BF102792.D

Acq: 6 Feb 2018 18:56

Tgt Ion:	94	Resp:	239421
Ion Ratio	Lower	Upper	
94	100		
65	30.7	7.9	47.9
66	39.6	16.2	56.2





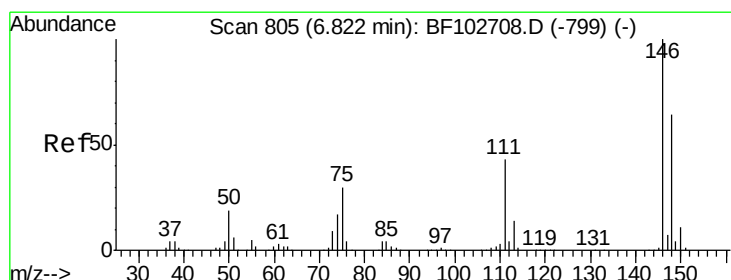
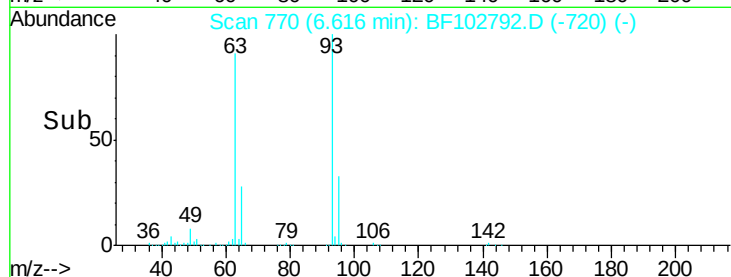
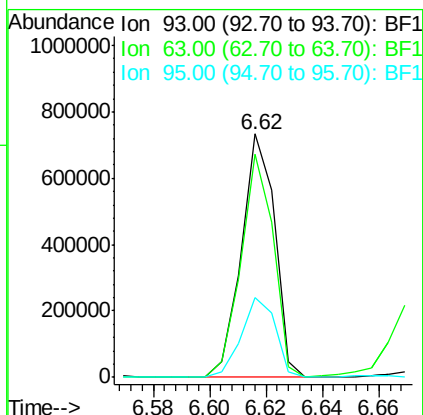
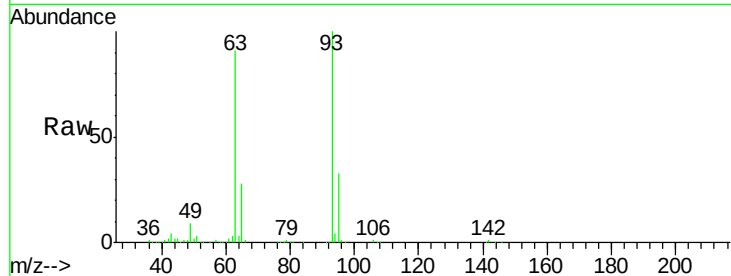
#11
bis(2-Chloroethyl)ether
Concen: 41.315 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF102792.D
Acq: 6 Feb 2018 18:56

Instrument :
BNA_F
ClientSampleId :
LW-01-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	91.5	58.6	98.6	
95	32.8	11.8	51.8	

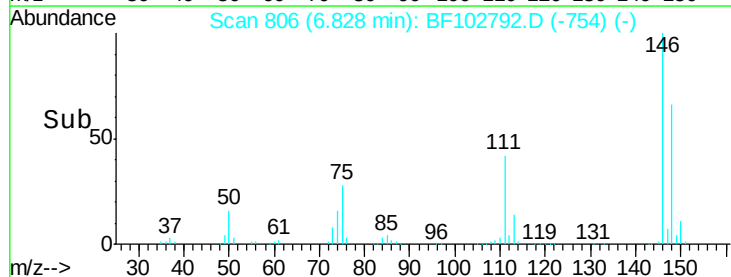
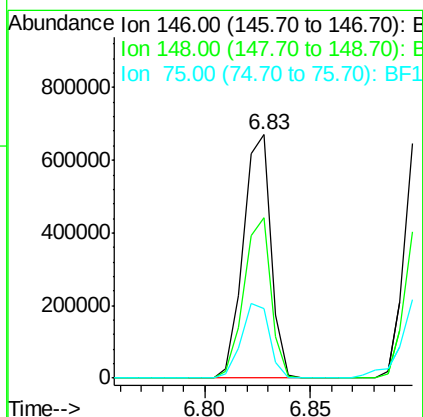
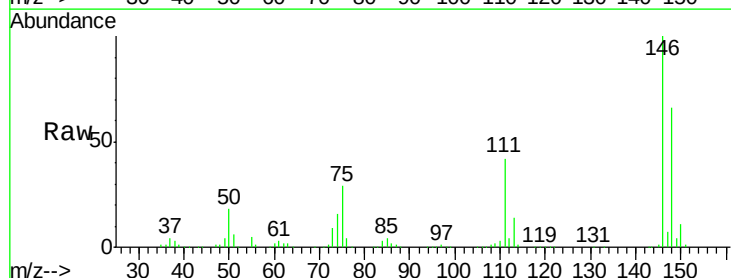
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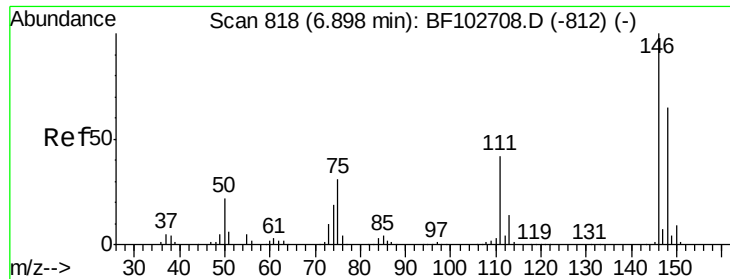
Sohil
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#12
1,3-Dichlorobenzene
Concen: 37.915 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF102792.D
Acq: 6 Feb 2018 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	65.9	51.8	77.8	
75	28.6	24.2	36.4	





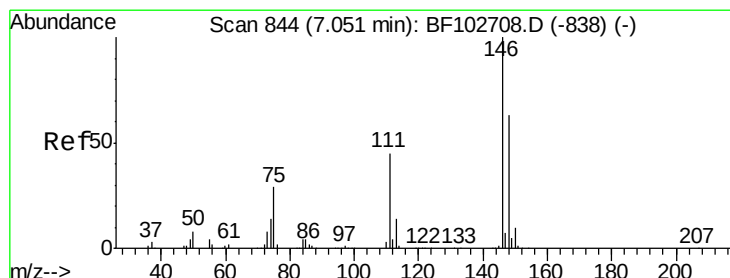
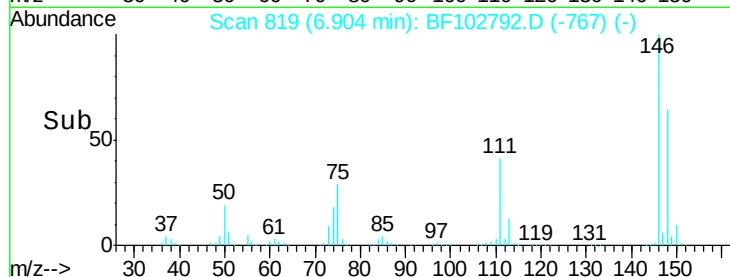
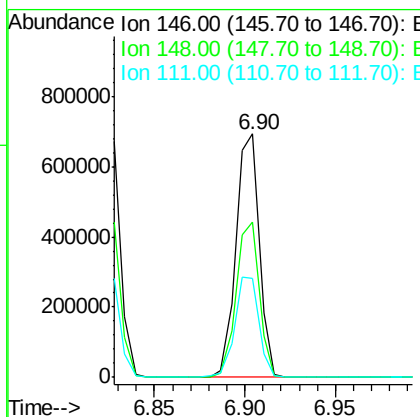
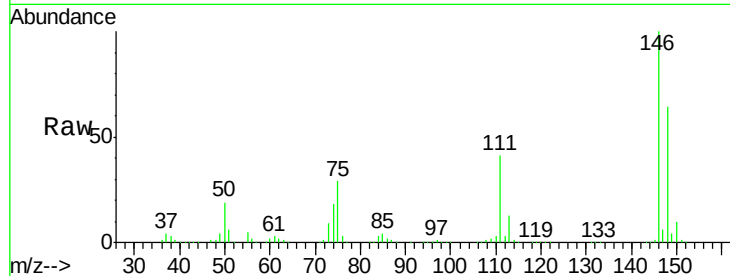
#13
 1,4-Dichlorobenzene
 Concen: 38.896 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.01 min
 Lab File: BF102792.D
 Acq: 6 Feb 2018 18:56

Instrument :
 BNA_F
 ClientSampleId :
 LW-01-BMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.8	76.2
111	40.7	34.2	51.2

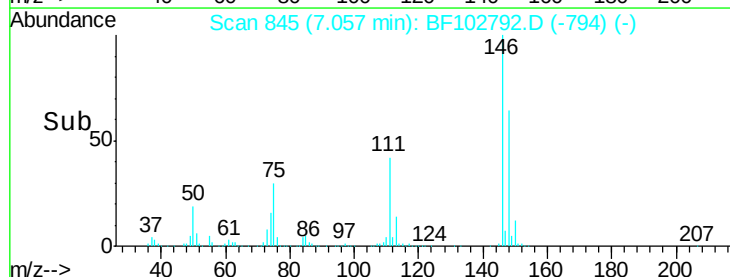
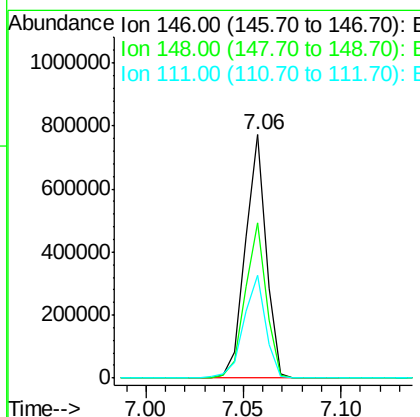
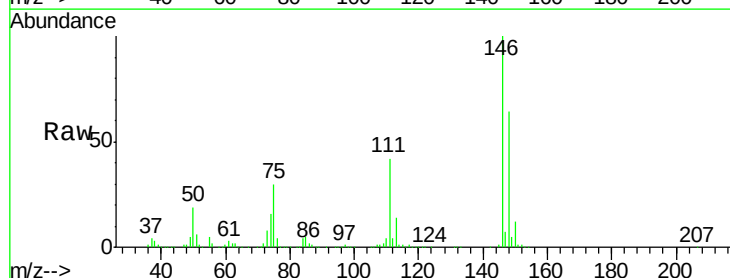
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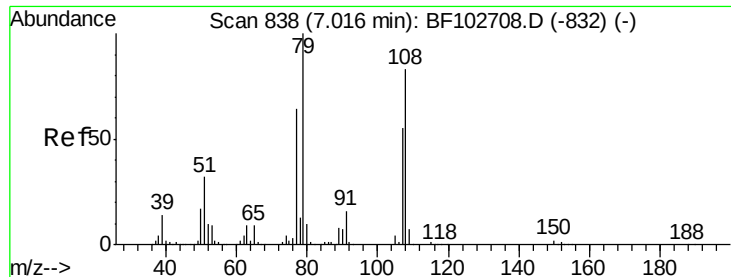
Sohil
 2/7/2018 4:18:03 PM



#14
 1,2-Dichlorobenzene
 Concen: 38.260 ng
 RT: 7.06 min Scan# 845
 Delta R.T. 0.00 min
 Lab File: BF102792.D
 Acq: 6 Feb 2018 18:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.6	75.8
111	42.2	36.0	54.0





#15

Benzyl Alcohol

Concen: 26.669 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF102792.D

Acq: 6 Feb 2018 18:56

Instrument :

BNA_F

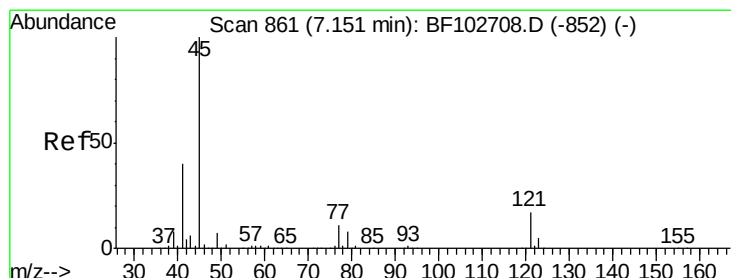
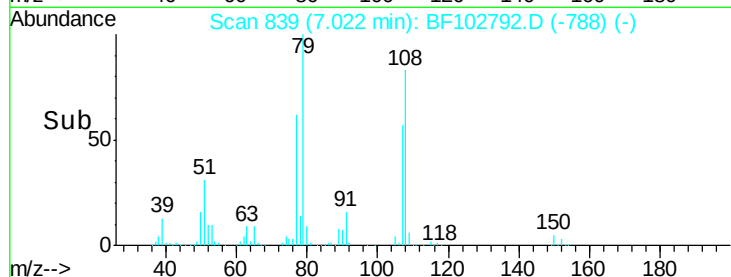
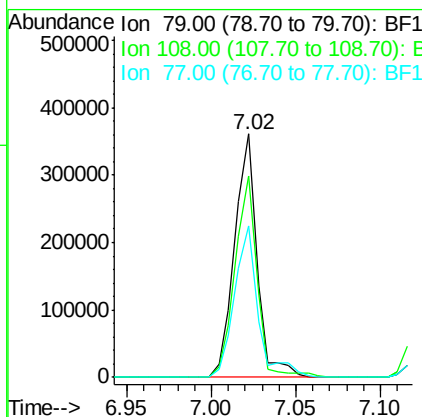
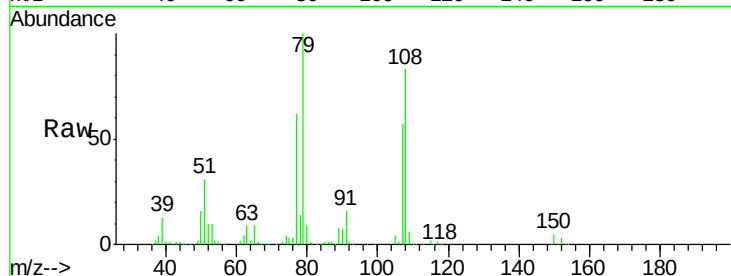
ClientSampled :

LW-01-BMSD

Tot Ion:	79	Resp:	332816
Ion Ratio	Lower	Upper	
79	100		
108	82.6	65.1	97.7
77	62.3	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.472 ng

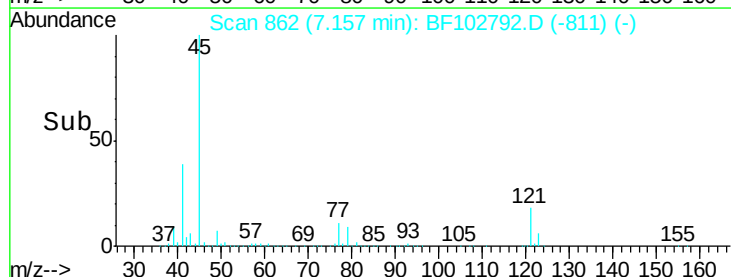
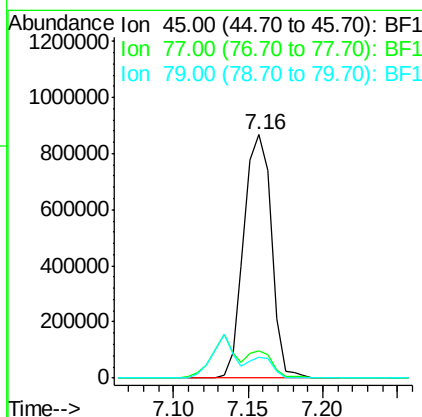
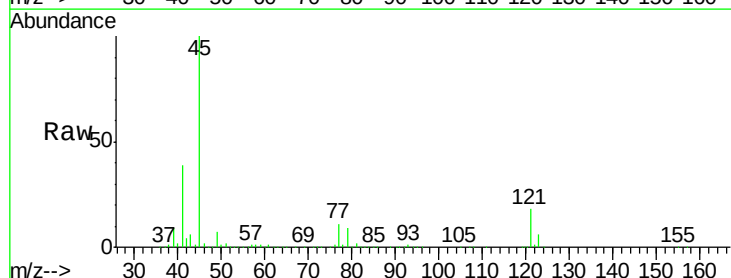
RT: 7.16 min Scan# 862

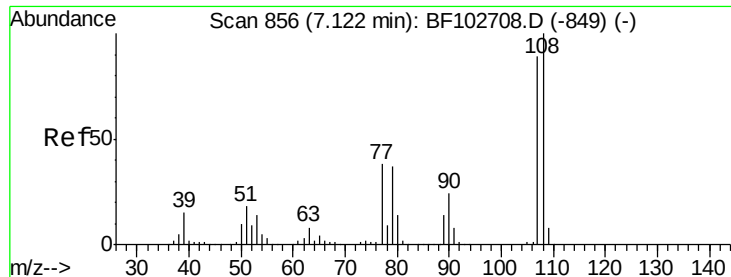
Delta R.T. 0.00 min

Lab File: BF102792.D

Acq: 6 Feb 2018 18:56

Tgt Ion:	45	Resp:	1112881
Ion Ratio	Lower	Upper	
45	100		
77	11.5	0.0	32.9
79	8.8	0.0	29.6





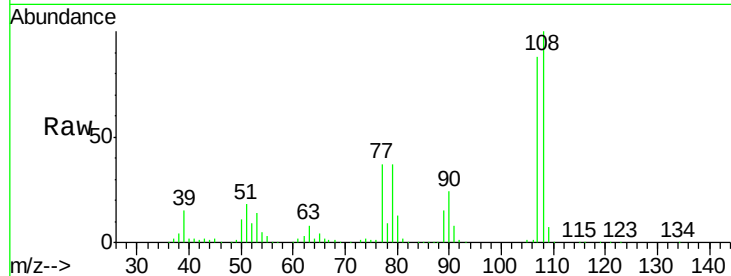
#17
2-Methylphenol
Concen: 27.966 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF102792.D
Acq: 6 Feb 2018 18:56

Instrument :
BNA_F
ClientSampleId :
LW-01-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.1	91.7	137.5	
77	42.0	33.8	50.8	
79	42.3	33.8	50.8	

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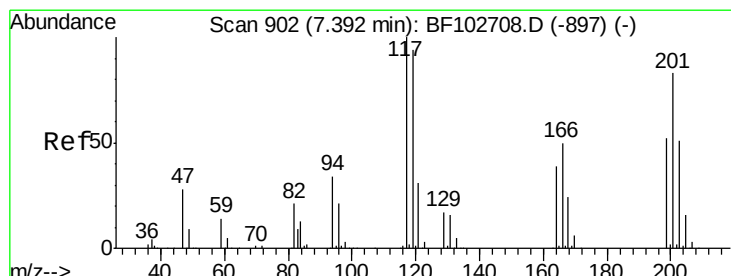
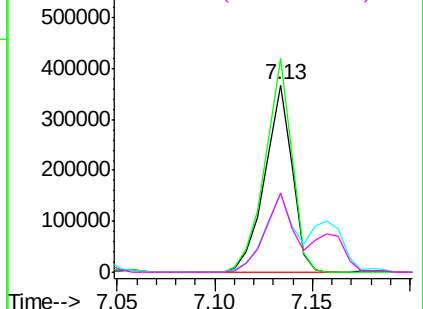
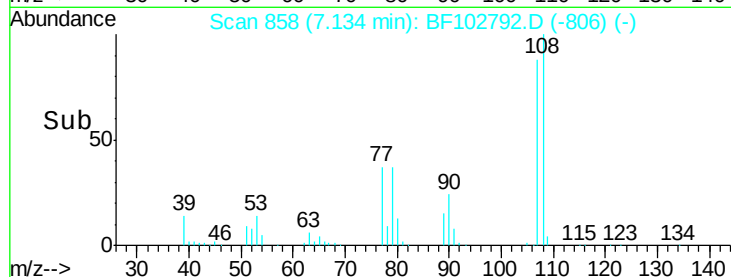
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

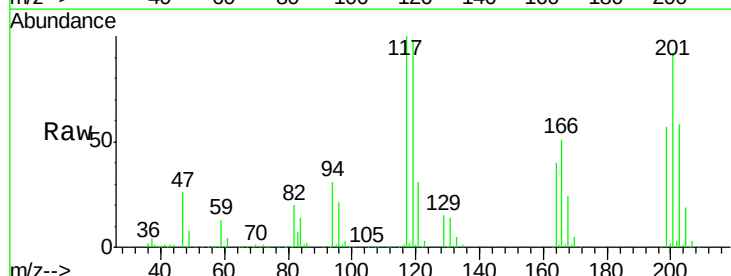
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 36.842 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF102792.D
Acq: 6 Feb 2018 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.8	75.8	113.8	
201	92.2	75.7	113.5	

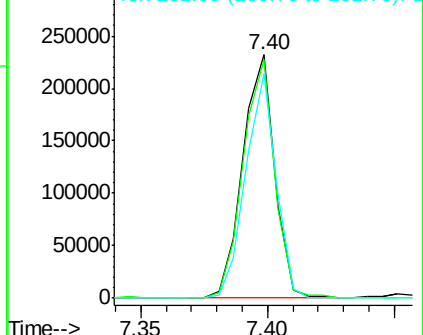
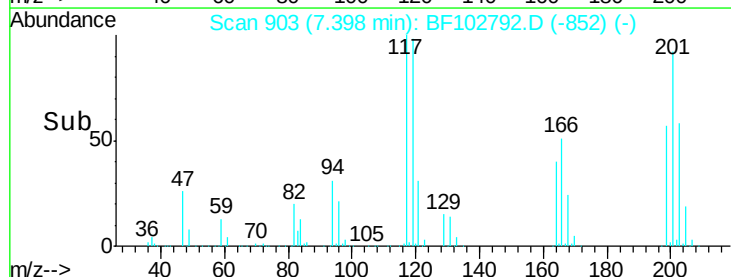


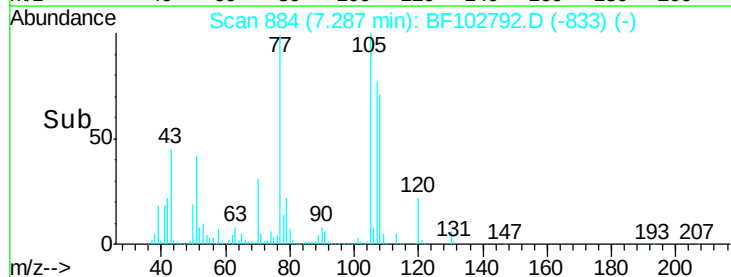
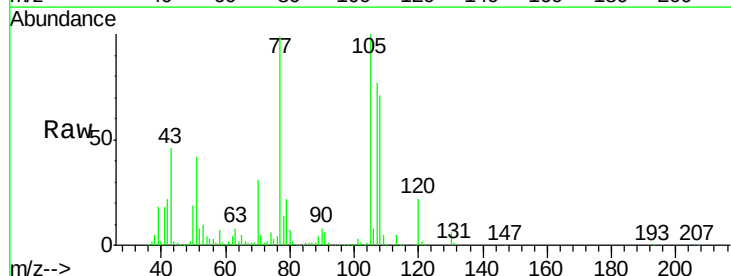
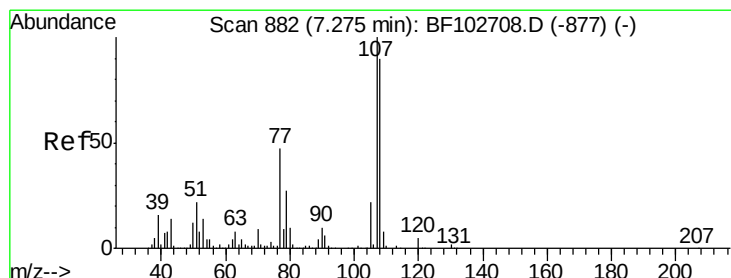
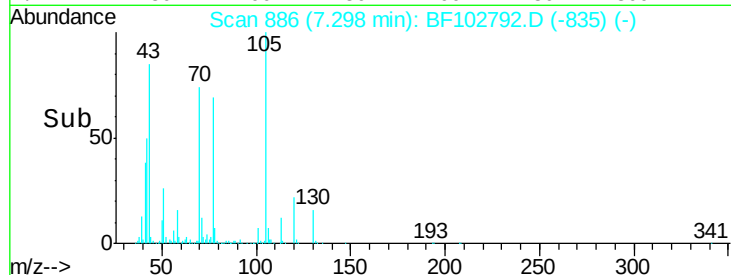
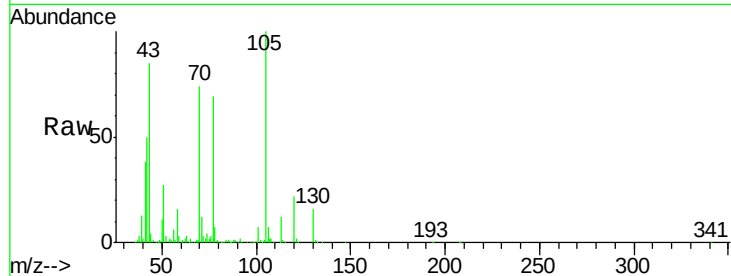
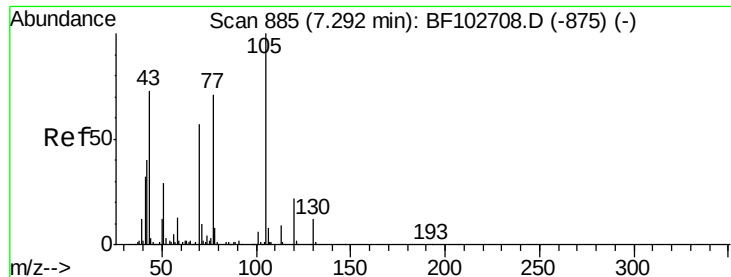
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

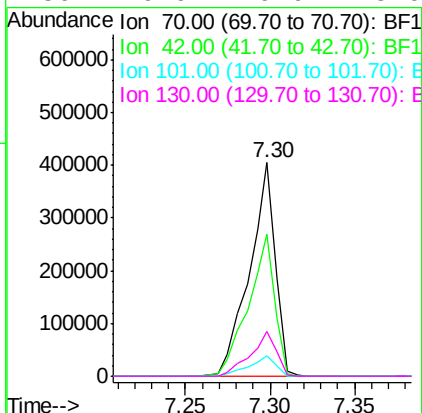
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 40.455 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF102792.D
Acq: 6 Feb 2018 18:56

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		432957		
42	66.6	47.5	71.3		
101	9.4	7.4	11.2		
130	20.9	16.6	25.0		



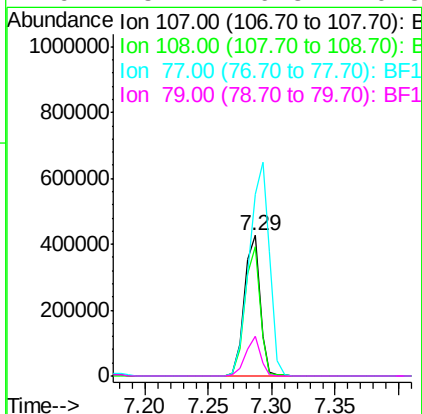
Instrument :
BNA_F
ClientSampleId :
LW-01-BMSD

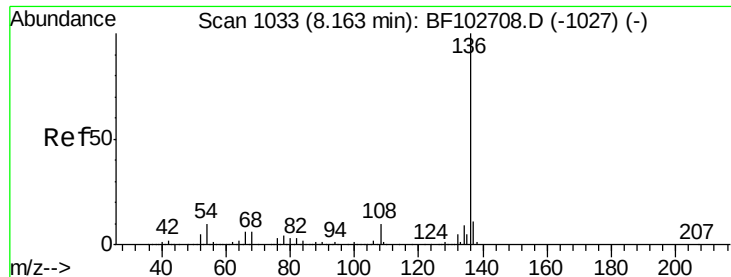
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#20
3+4-Methylphenols
Concen: 23.171 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF102792.D
Acq: 6 Feb 2018 18:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		365812		
108	92.4	68.2	108.2		
77	129.0	26.7	66.7#		
79	28.4	6.3	46.3		





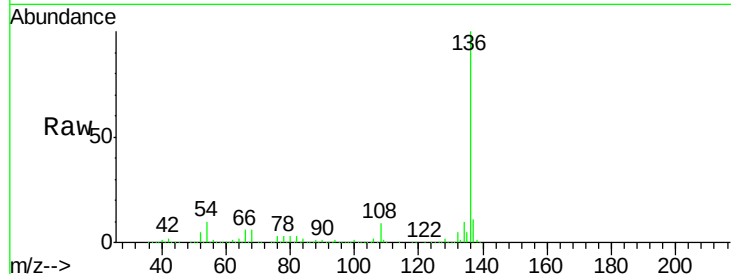
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF102792.D
Acq: 6 Feb 2018 18:56

Instrument :
BNA_F
ClientSampleId :
LW-01-BMSD

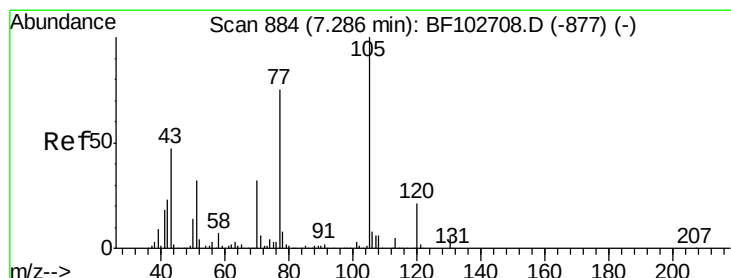
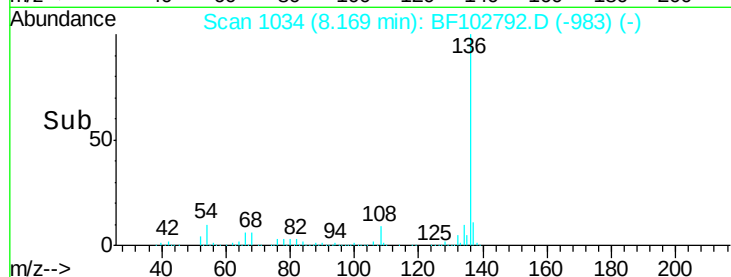
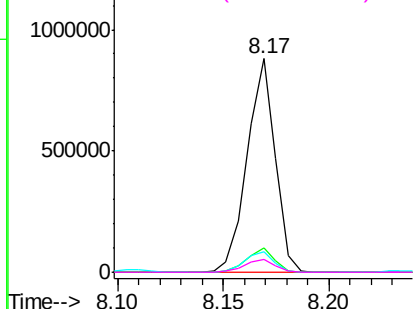
Tot Ion	Ratio	Resp	Lower	Upper
136	100	809654		
137	11.4		8.9	13.3
54	9.7		6.6	9.8
68	6.3		5.0	7.4

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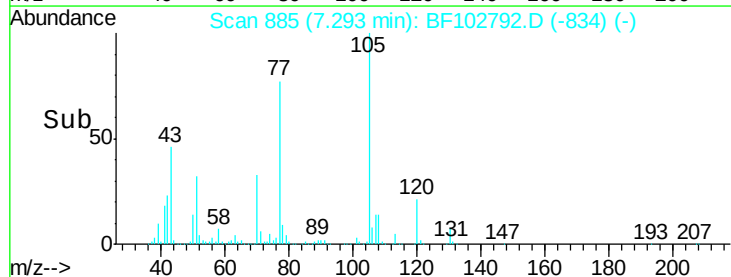
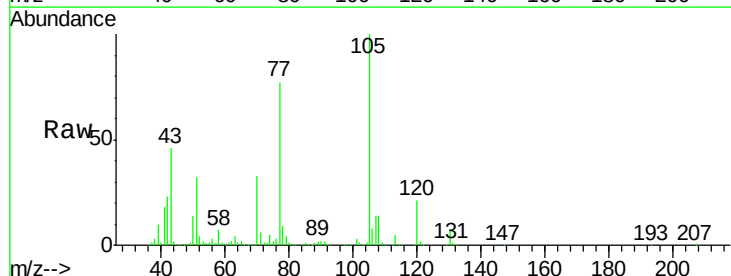
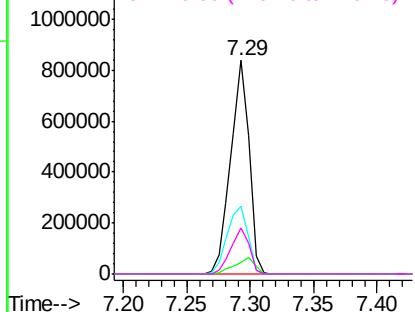
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

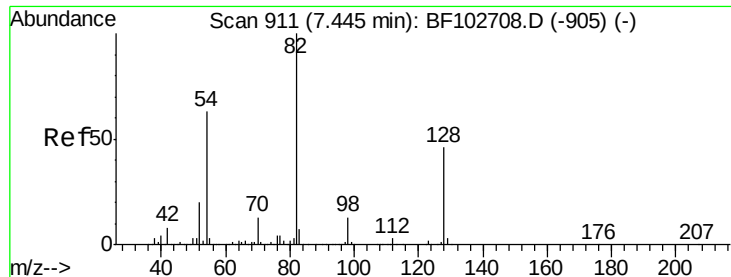


#22
Acetophenone
Concen: 42.434 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF102792.D
Acq: 6 Feb 2018 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	840737		
71	5.6		4.4	6.6
51	32.1		22.3	33.5
120	21.3		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





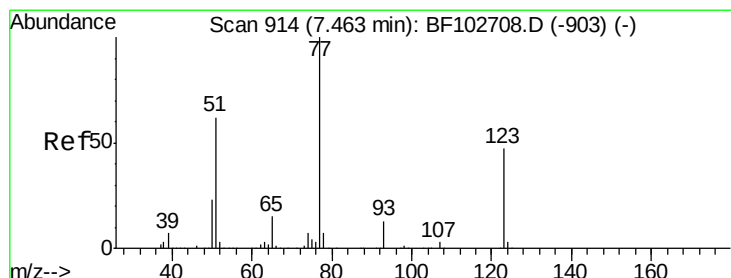
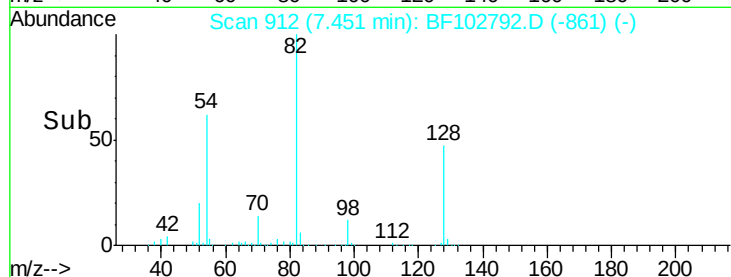
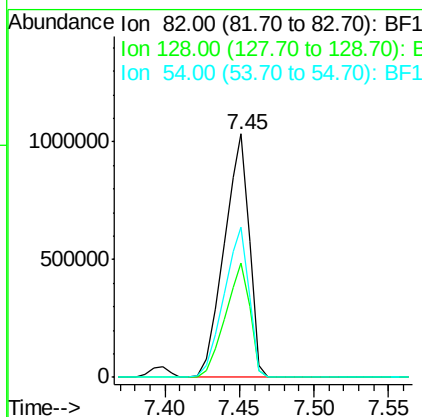
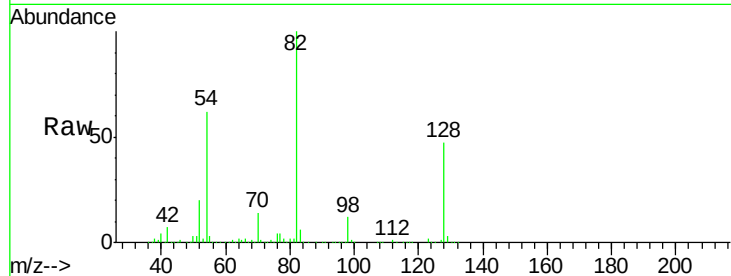
#23
 Nitrobenzene-d5
 Concen: 104.866 ng
 RT: 7.45 min Scan# 912
 Delta R.T. 0.00 min
 Lab File: BF102792.D
 Acq: 6 Feb 2018 18:56

Instrument :
 BNA_F
 ClientSampleId :
 LW-01-BMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.1	54.1
54	61.8	41.4	62.2

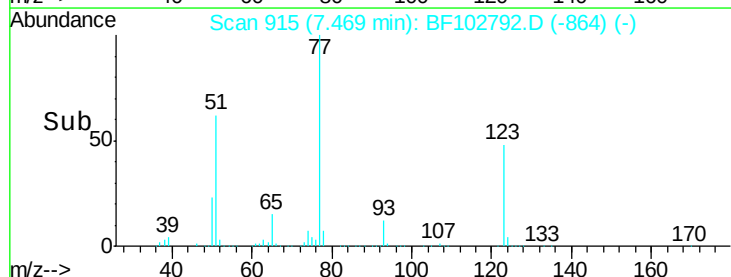
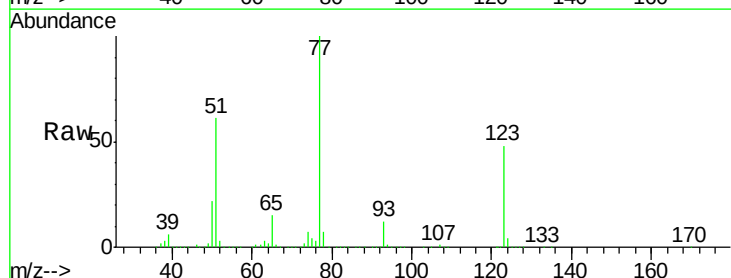
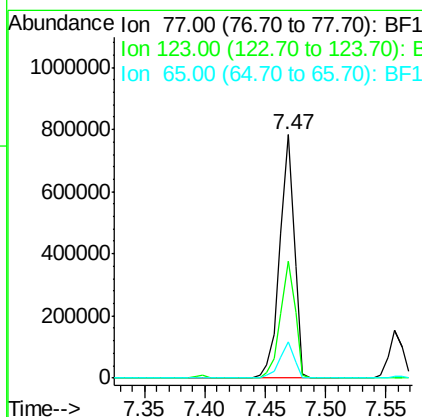
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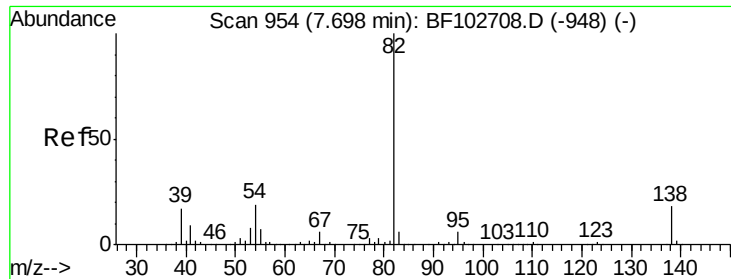
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#24
 Nitrobenzene
 Concen: 46.881 ng
 RT: 7.47 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: BF102792.D
 Acq: 6 Feb 2018 18:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.9	37.9	56.9
65	14.9	11.0	16.4





#25

Isophorone

Concen: 45.345 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF102792.D

Acq: 6 Feb 2018 18:56

Instrument :

BNA_F

ClientSampleId :

LW-01-BMSD

Tot Ion: 82 Resp: 1218664

Ion Ratio Lower Upper

82 100

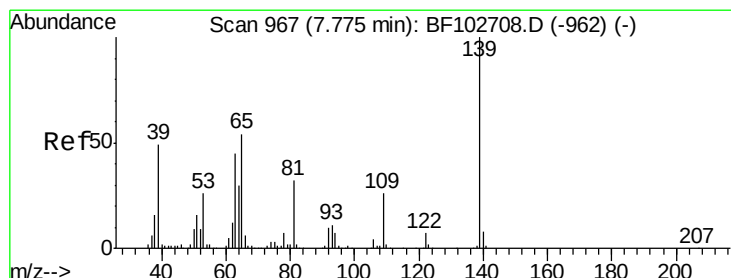
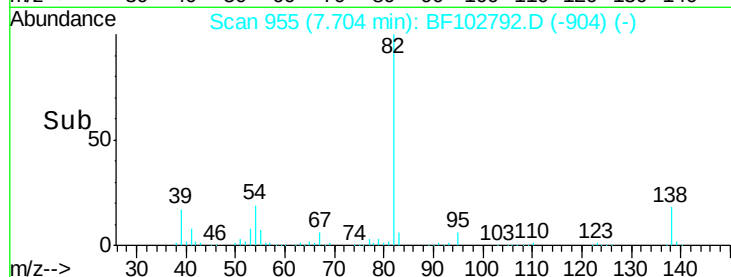
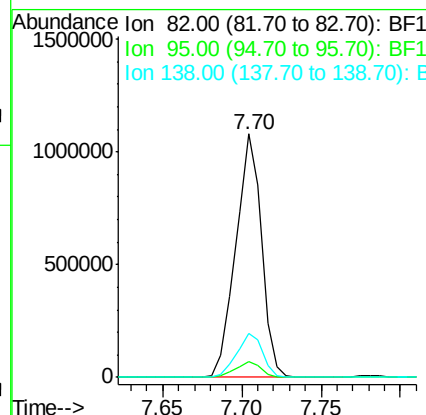
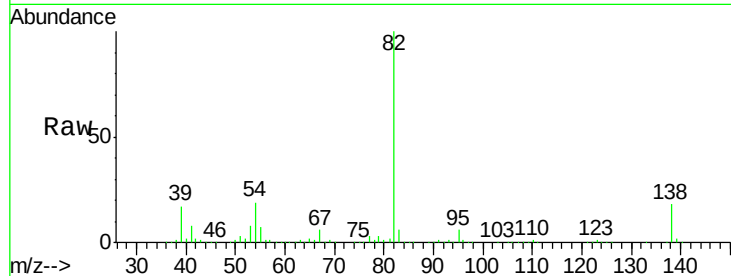
95 6.4 5.2 7.8

138 18.1 14.9 22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 48.024 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF102792.D

Acq: 6 Feb 2018 18:56

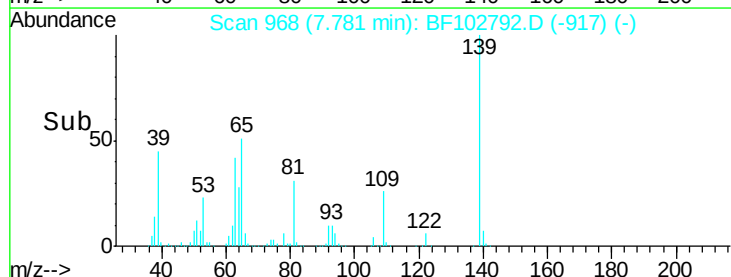
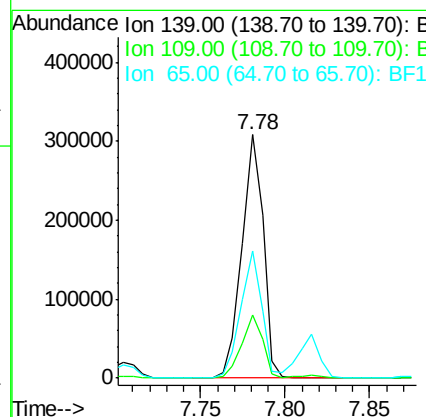
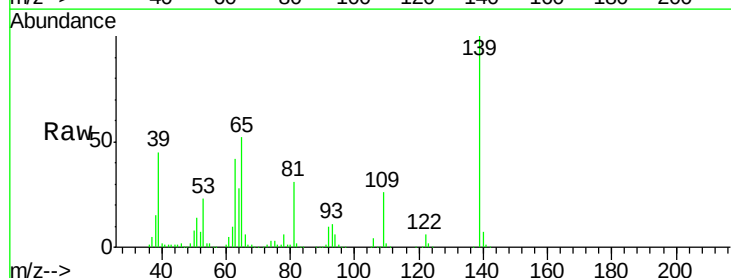
Tgt Ion: 139 Resp: 270898

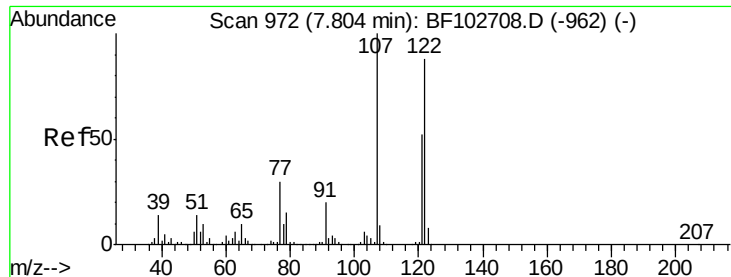
Ion Ratio Lower Upper

139 100

109 25.9 22.7 34.1

65 52.0 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 43.590 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF102792.D

Acq: 6 Feb 2018 18:56

Instrument :

BNA_F

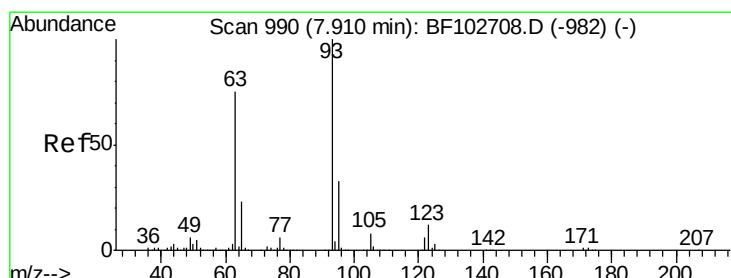
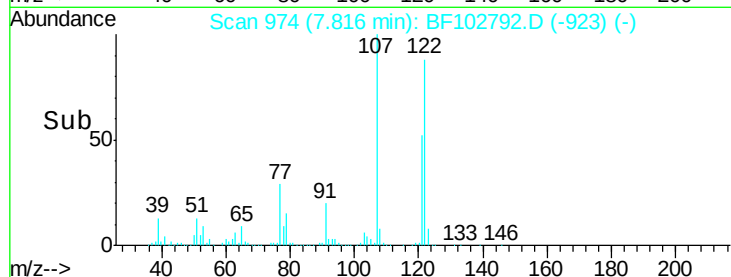
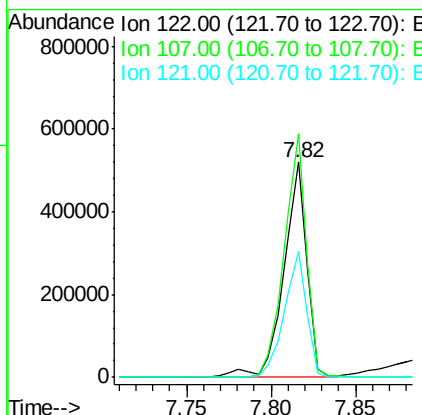
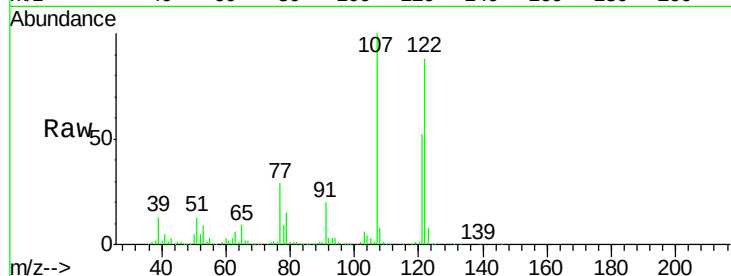
ClientSampleId :

LW-01-BMSD

Tot Ion:	122	Resp:	494935
Ion Ratio	Lower	Upper	
122	100		
107	113.2	91.2	136.8
121	58.4	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 47.867 ng

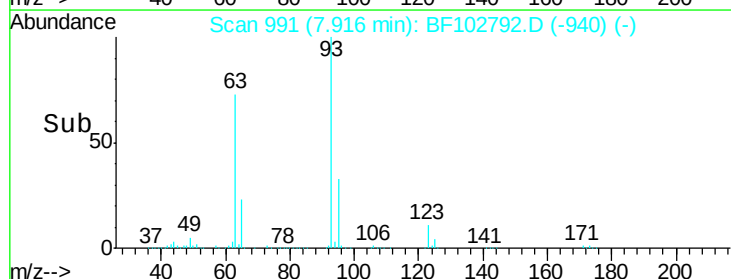
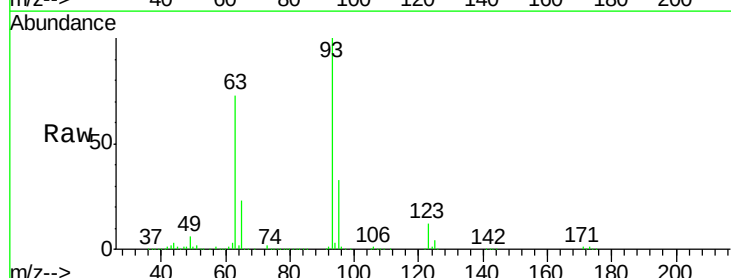
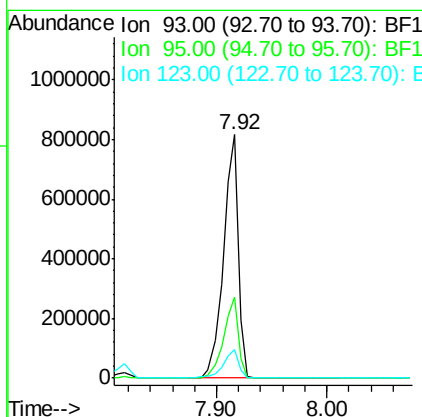
RT: 7.92 min Scan# 991

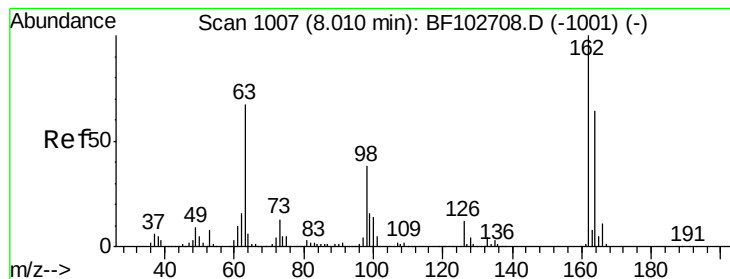
Delta R.T. 0.00 min

Lab File: BF102792.D

Acq: 6 Feb 2018 18:56

Tgt Ion:	93	Resp:	762065
Ion Ratio	Lower	Upper	
93	100		
95	33.3	26.3	39.5
123	11.5	9.8	14.6





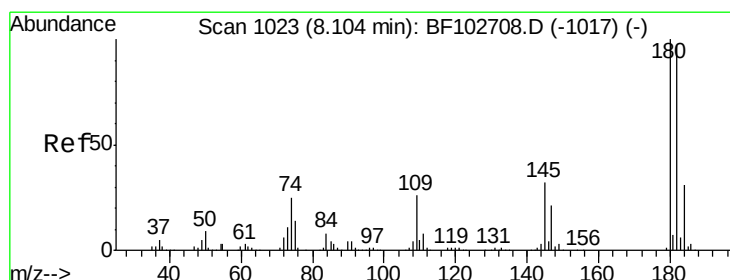
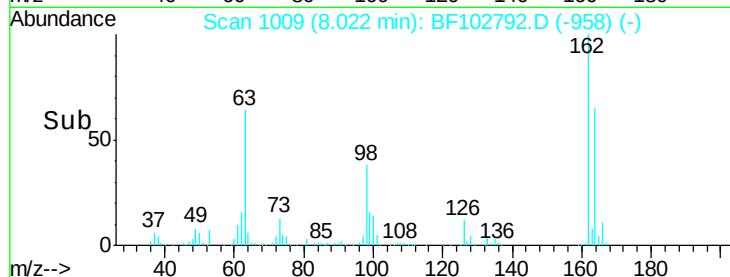
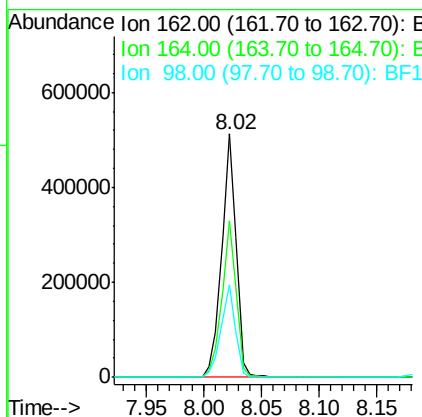
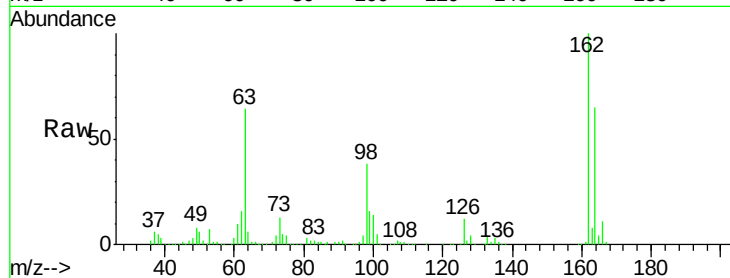
#29
 2,4-Dichlorophenol
 Concen: 43.838 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF102792.D
 Acq: 6 Feb 2018 18:56

Instrument :
 BNA_F
 ClientSampleId :
 LW-01-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	452489		
164	64.5	42.7	82.7	
98	38.1	18.1	58.1	

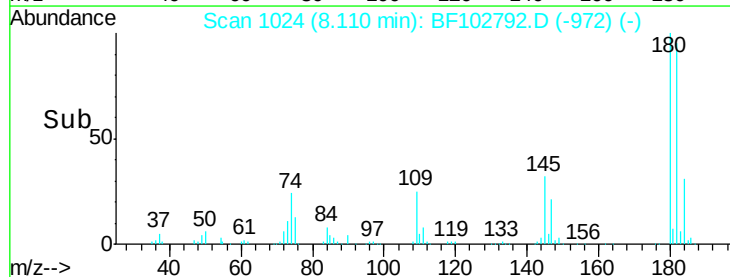
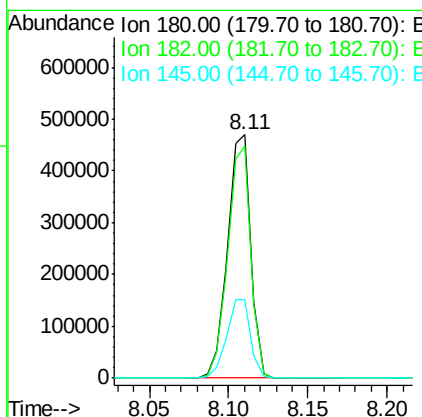
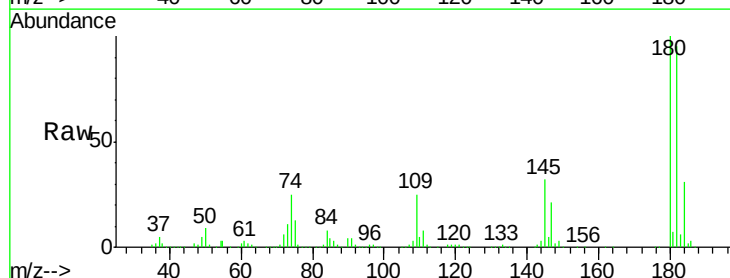
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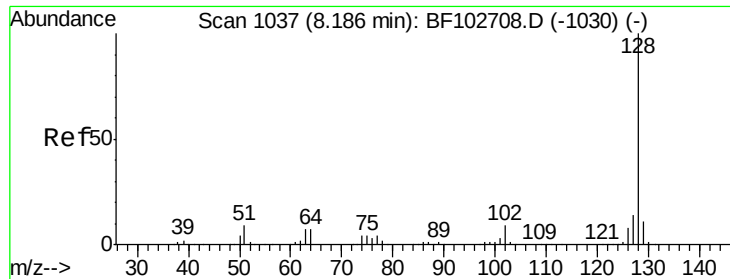
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.710 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. 0.01 min
 Lab File: BF102792.D
 Acq: 6 Feb 2018 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	475366		
182	95.3	76.8	115.2	
145	32.5	26.5	39.7	





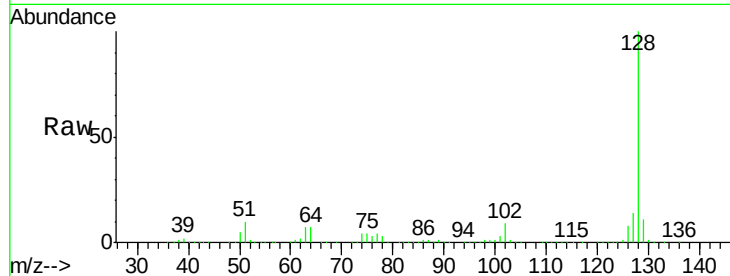
#31
Naphthalene
Concen: 40.887 ng
RT: 8.19 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF102792.D
Acq: 6 Feb 2018 18:56

Instrument :
BNA_F
ClientSampleId :
LW-01-BMSD

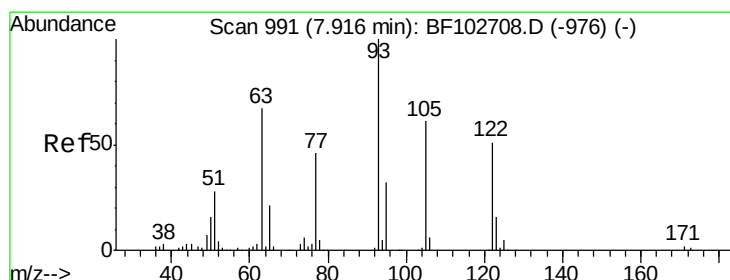
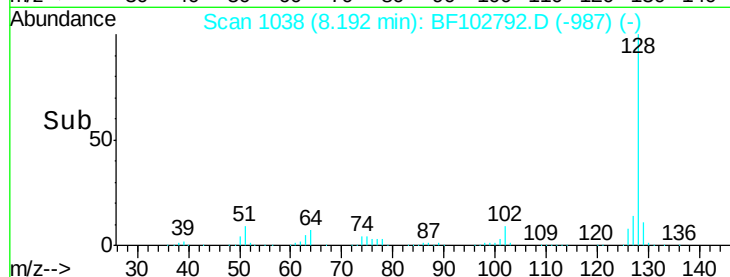
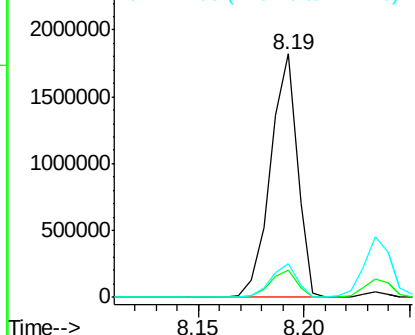
Tot Ion:128 Resp: 1617390
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.7 10.9 16.3

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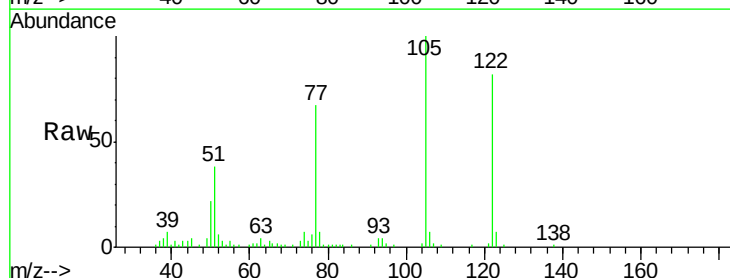


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

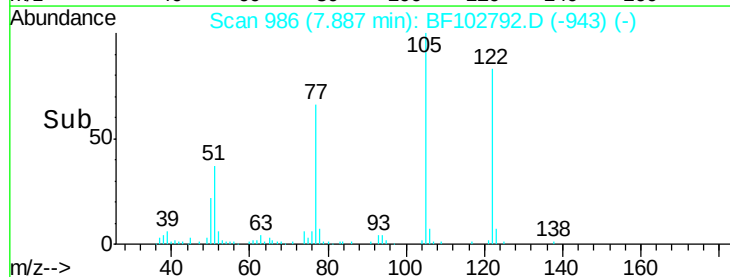
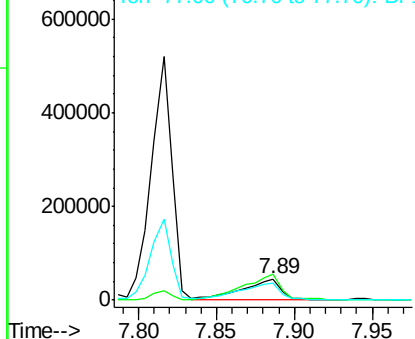


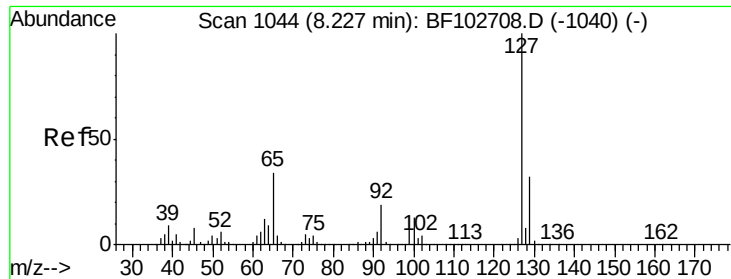
#32
Benzoic acid
Concen: 17.687 ng m
RT: 7.89 min Scan# 986
Delta R.T. -0.05 min
Lab File: BF102792.D
Acq: 6 Feb 2018 18:56

Tgt Ion:122 Resp: 78789
Ion Ratio Lower Upper
122 100
105 121.3 101.1 141.1
77 81.5 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





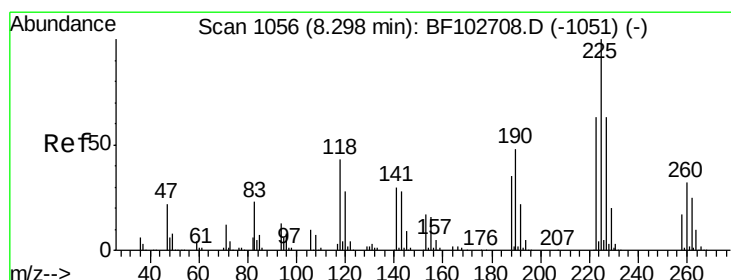
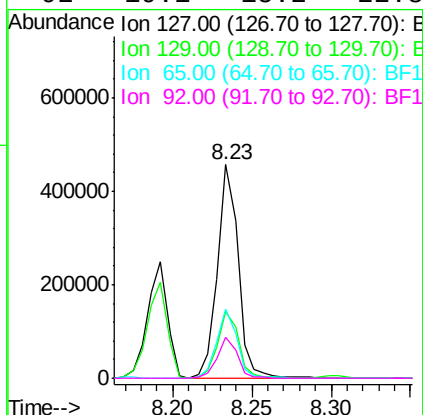
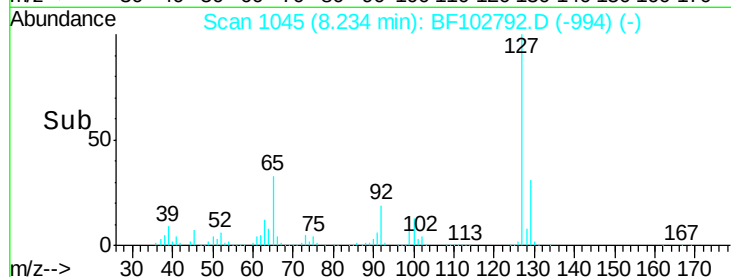
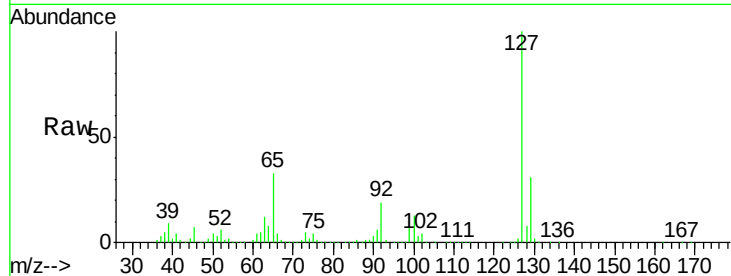
#33
4-Chloroaniline
Concen: 24.437 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF102792.D
Acq: 6 Feb 2018 18:56

Instrument :
BNA_F
ClientSampleId :
LW-01-BMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		416432		
129	31.0	25.9	38.9		
65	32.6	25.0	37.4		
92	19.1	15.2	22.8		

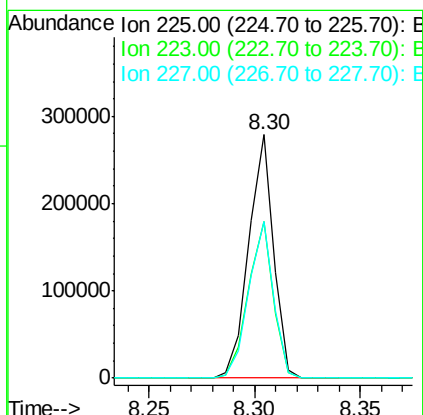
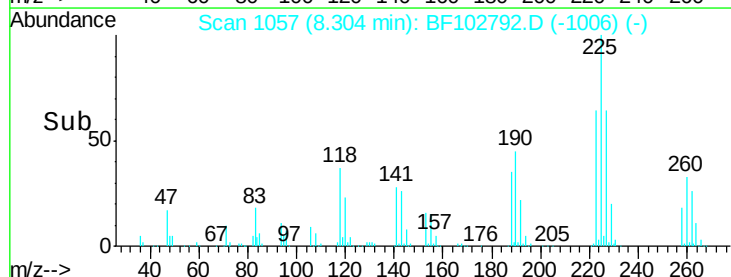
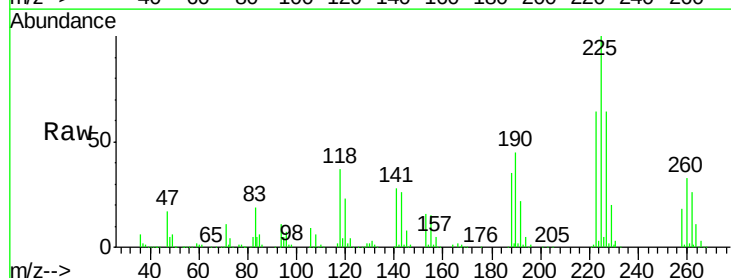
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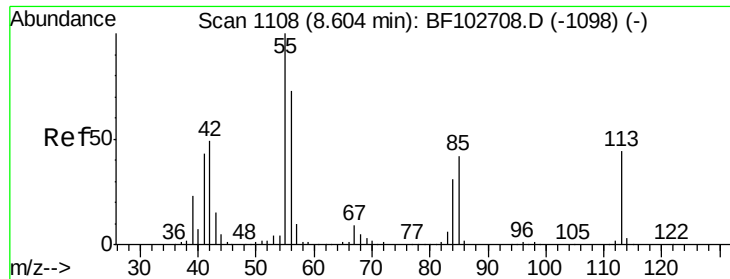
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#34
Hexachlorobutadiene
Concen: 38.168 ng
RT: 8.30 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF102792.D
Acq: 6 Feb 2018 18:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		228376		
223	64.2	50.6	76.0		
227	64.2	51.9	77.9		





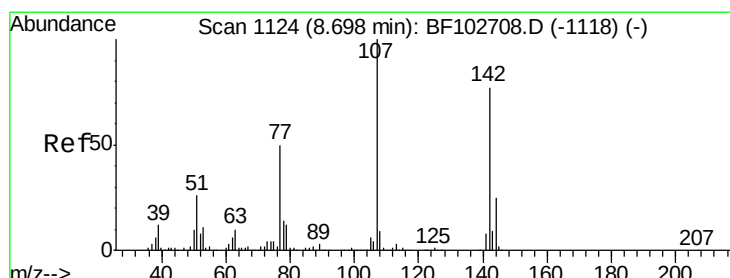
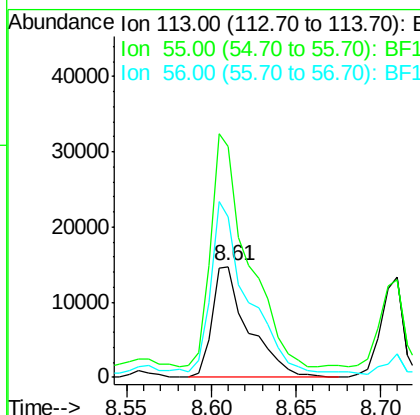
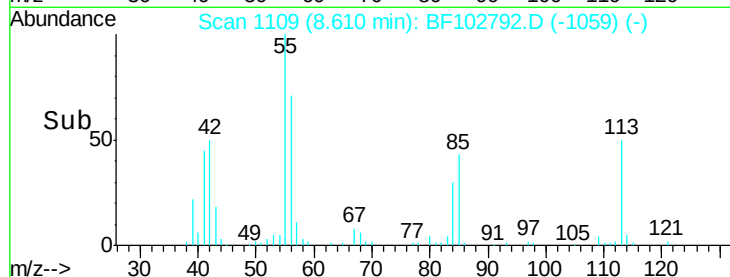
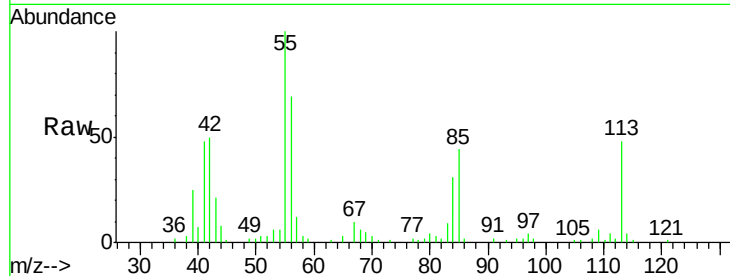
#35
Caprolactam
Concen: 6.191 ng
RT: 8.61 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BF102792.D
Acq: 6 Feb 2018 18:56

Instrument :
BNA_F
ClientSampled :
LW-01-BMSD

Tot Ion:113 Resp: 22193
Ion Ratio Lower Upper
113 100
55 208.3 163.3 203.3#
56 144.5 115.7 155.7

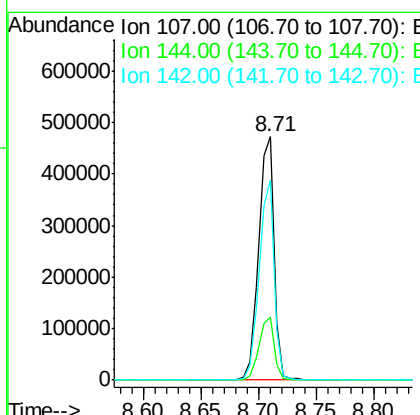
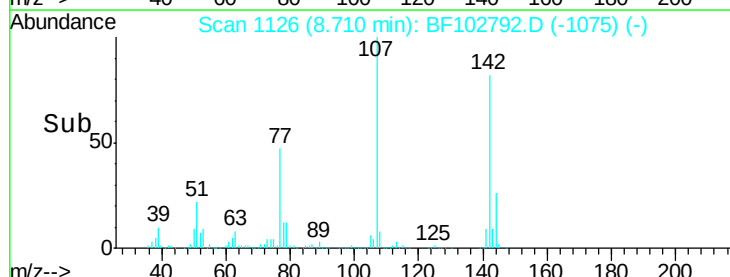
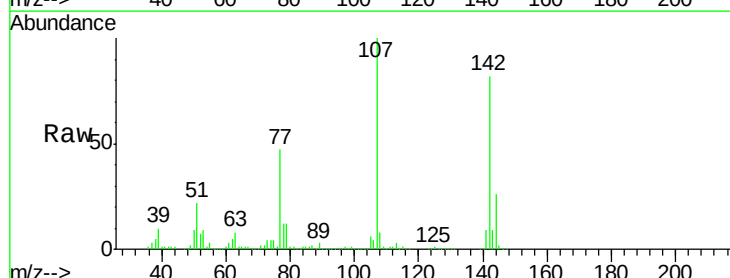
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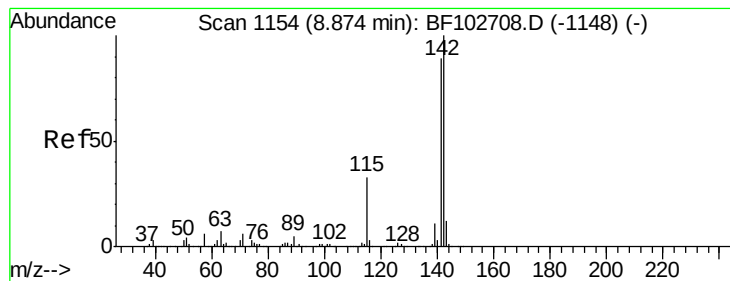
Sohil
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#36
4-Chloro-3-methylphenol
Concen: 38.497 ng
RT: 8.71 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF102792.D
Acq: 6 Feb 2018 18:56

Tgt Ion:107 Resp: 446457
Ion Ratio Lower Upper
107 100
144 25.9 20.5 30.7
142 82.0 62.0 93.0





#37

2-Methylnaphthalene

Concen: 41.605 ng

RT: 8.88 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF102792.D

Acq: 6 Feb 2018 18:56

Instrument :

BNA_F

ClientSampleId :

LW-01-BMSD

Tot Ion:142 Resp: 1077546

Ion Ratio Lower Upper

142 100

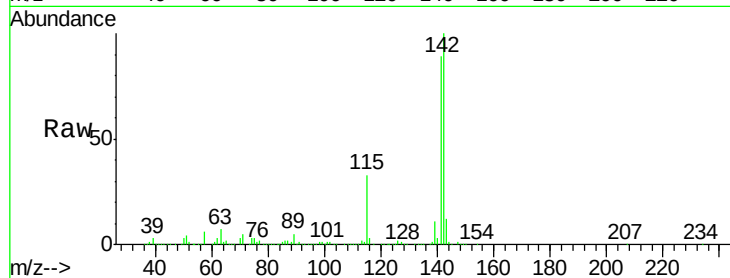
141 89.2 70.8 106.2

115 33.0 26.1 39.1

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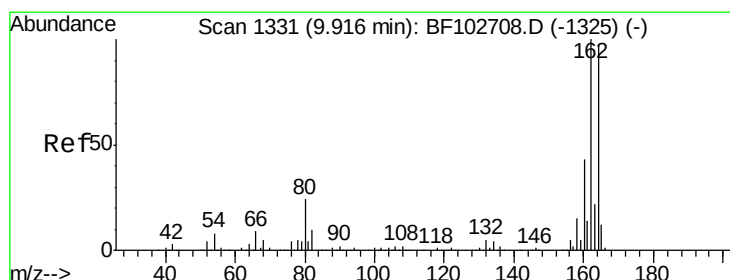
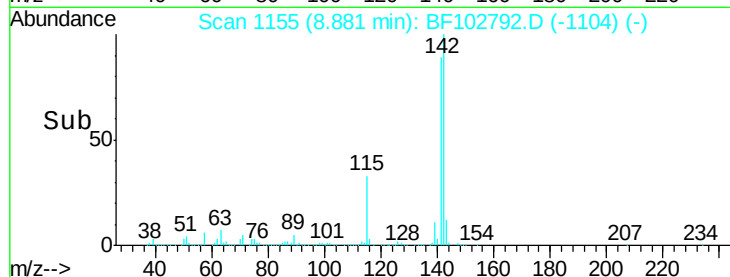
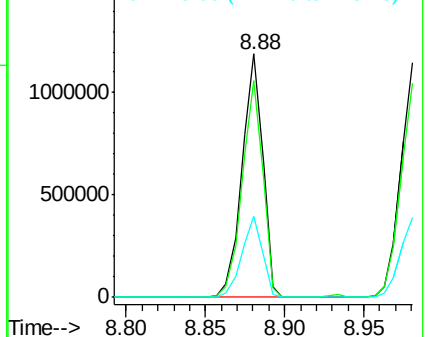
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.00 min

Lab File: BF102792.D

Acq: 6 Feb 2018 18:56

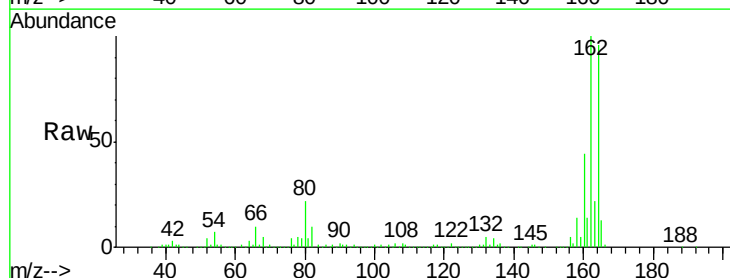
Tgt Ion:164 Resp: 326378

Ion Ratio Lower Upper

164 100

162 104.3 86.1 129.1

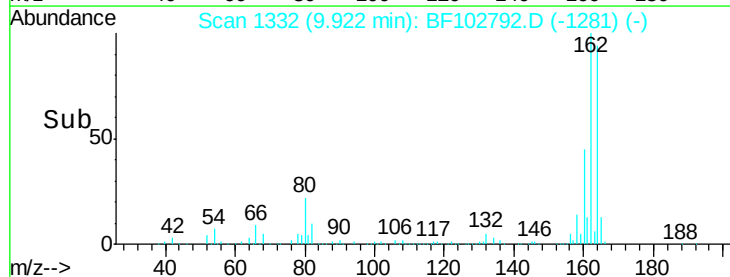
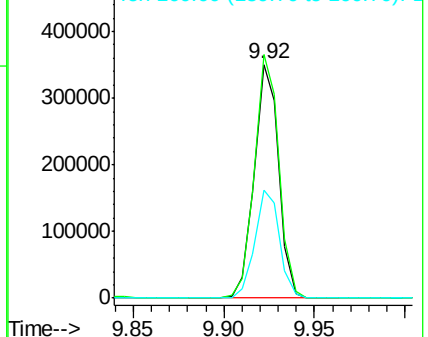
160 46.4 38.3 57.5

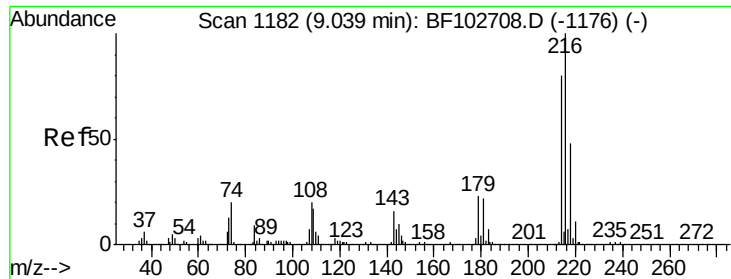


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





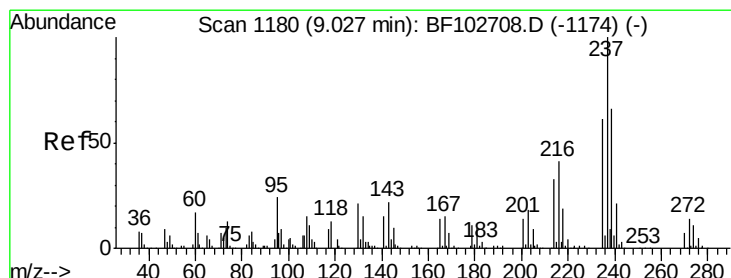
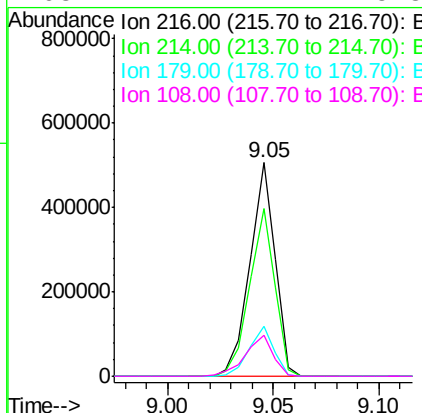
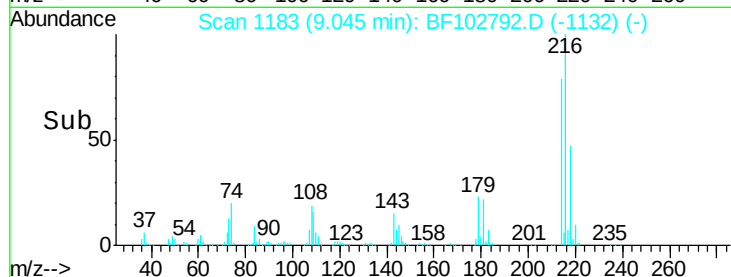
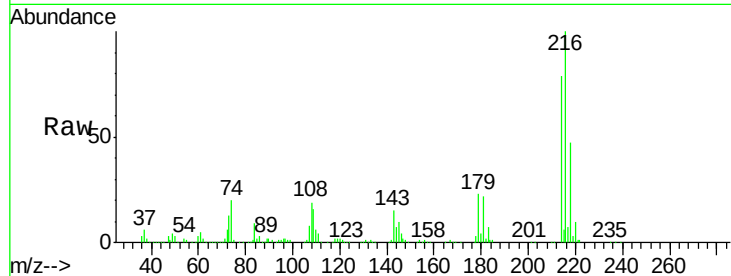
#39
1,2,4,5-Tetrachlorobenzene
Concen: 47.350 ng
RT: 9.05 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF102792.D
Acq: 6 Feb 2018 18:56

Instrument :
BNA_F
ClientSampleId :
LW-01-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	420783		
214	78.9	63.0	94.4	
179	23.2	18.1	27.1	
108	21.1	17.2	25.8	

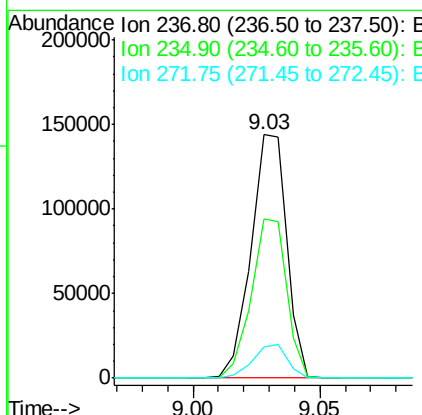
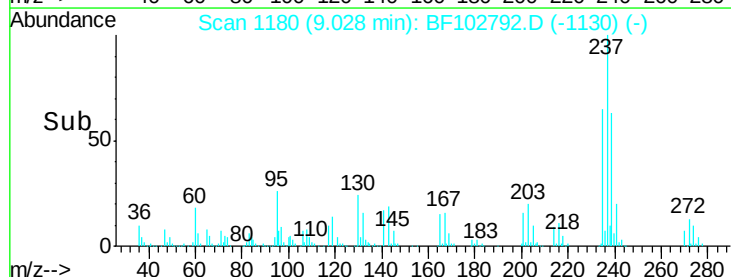
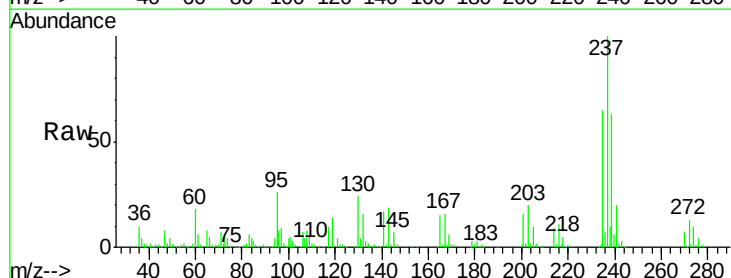
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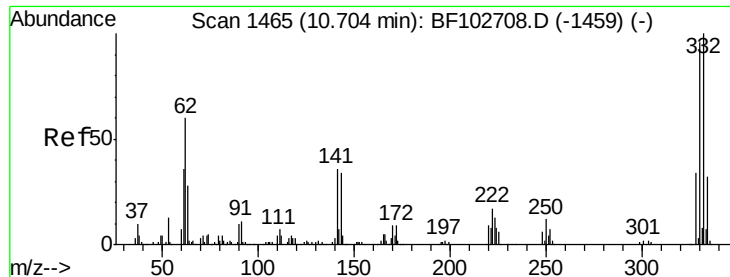
Sohil
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#40
Hexachlorocyclopentadiene
Concen: 33.674 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF102792.D
Acq: 6 Feb 2018 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	142259		
235	65.2	44.8	84.8	
272	12.7	0.0	33.3	





#41

2,4,6-Tribromophenol

Concen: 118.005 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.01 min

Lab File: BF102792.D

Acq: 6 Feb 2018 18:56

Instrument :

BNA_F

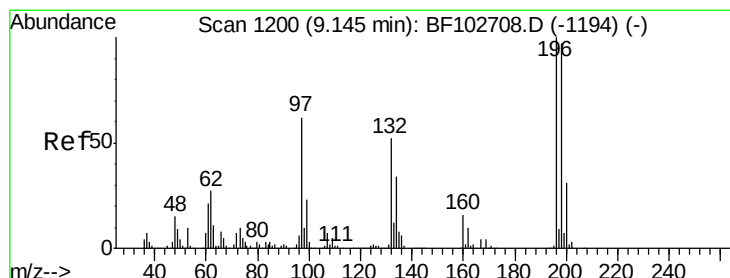
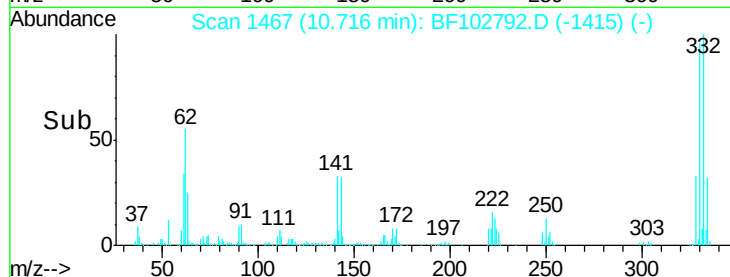
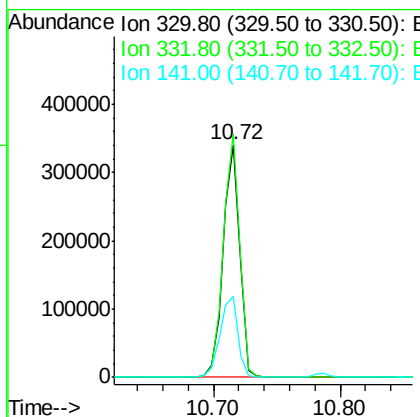
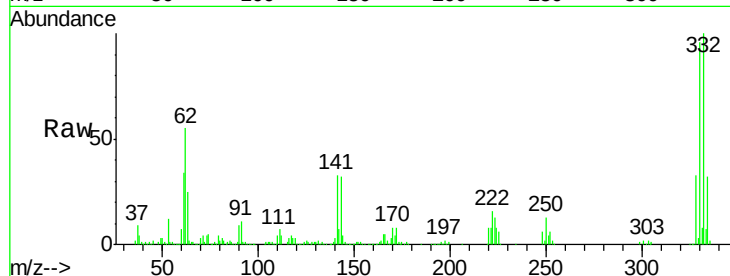
ClientSampleId :

LW-01-BMSD

Tot Ion:	330	Resp:	309995
Ion Ratio	Lower	Upper	
330	100		
332	103.6	77.0	115.6
141	38.0	29.9	44.9

Manual Integrations
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#42

2,4,6-Trichlorophenol

Concen: 49.446 ng

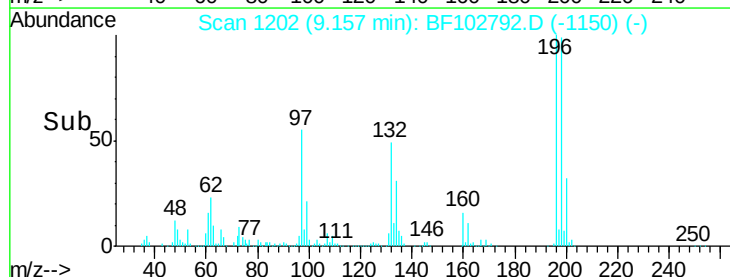
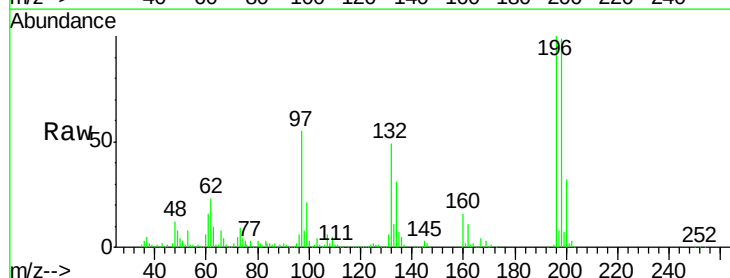
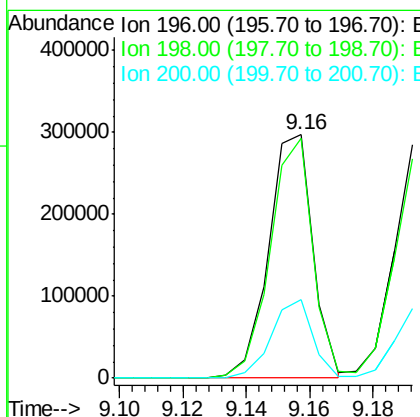
RT: 9.16 min Scan# 1202

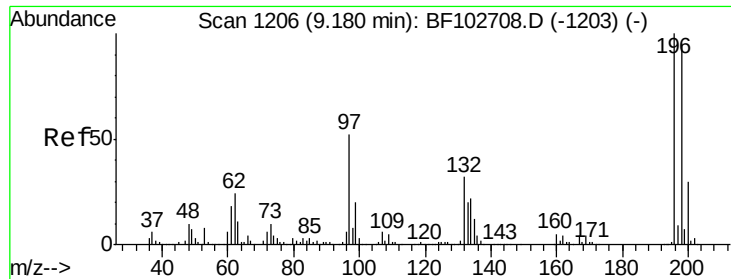
Delta R.T. 0.01 min

Lab File: BF102792.D

Acq: 6 Feb 2018 18:56

Tgt Ion:	196	Resp:	288618
Ion Ratio	Lower	Upper	
196	100		
198	98.5	75.7	113.5
200	32.1	24.5	36.7





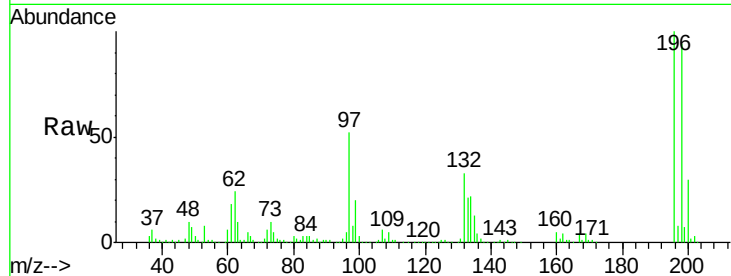
#43
 2,4,5-Trichlorophenol
 Concen: 44.894 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF102792.D
 Acq: 6 Feb 2018 18:56

Instrument :
 BNA_F
 ClientSampleId :
 LW-01-BMSD

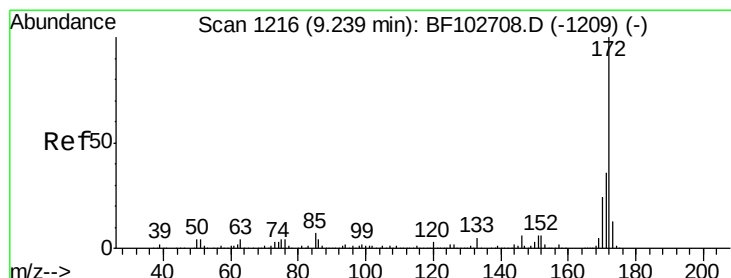
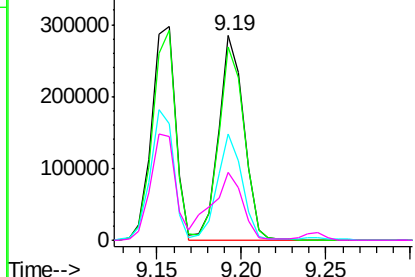
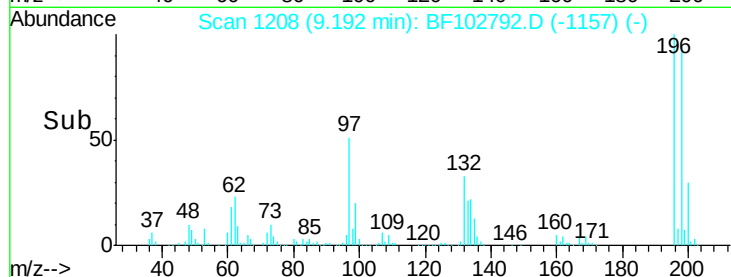
Tot Ion	196	Resp	295354
Ion Ratio	Lower	Upper	
196	100		
198	94.4	74.6	112.0
97	51.7	42.9	64.3
132	33.5	26.3	39.5

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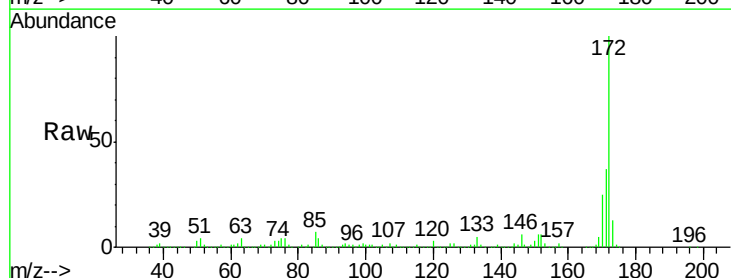


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

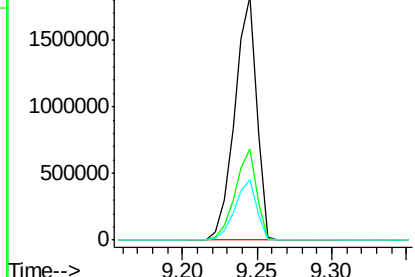
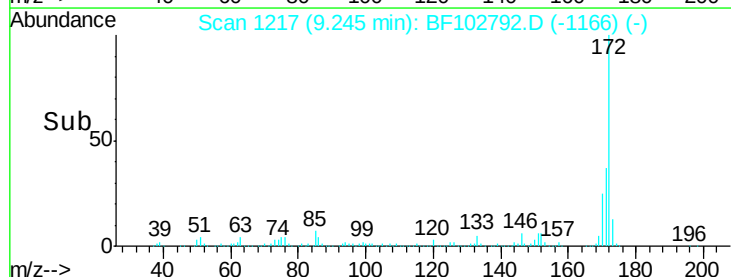


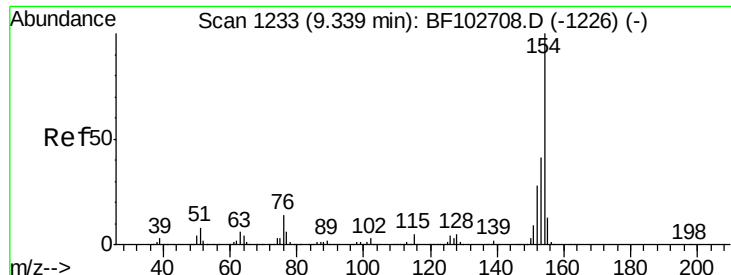
#44
 2-Fluorobiphenyl
 Concen: 96.148 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF102792.D
 Acq: 6 Feb 2018 18:56

Tgt Ion	172	Resp	1891123
Ion Ratio	Lower	Upper	
172	100		
171	37.3	29.7	44.5
170	25.1	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





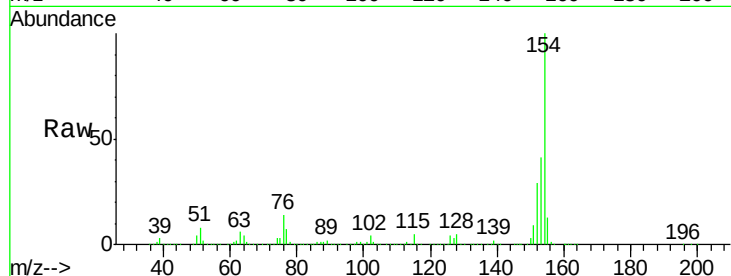
#45
 1,1'-Biphenyl
 Concen: 44.436 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: BF102792.D
 Acq: 6 Feb 2018 18:56

Instrument :
 BNA_F
 ClientSampleId :
 LW-01-BMSD

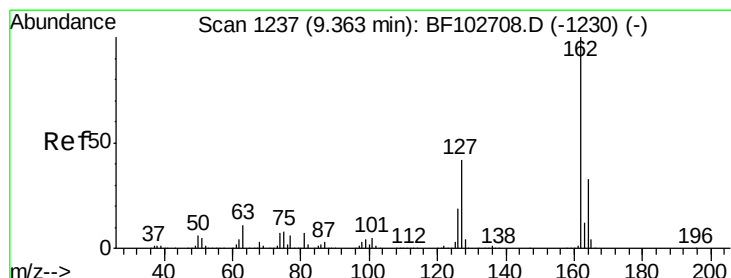
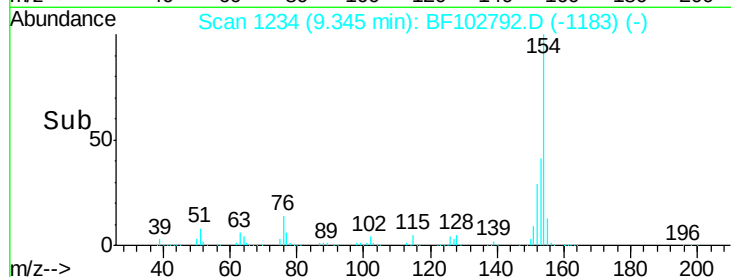
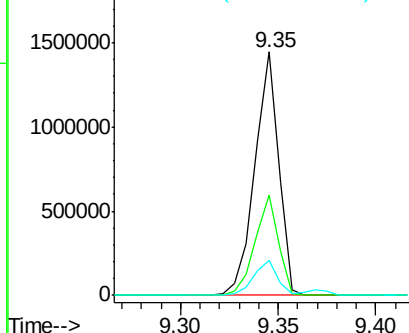
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.3	61.3
76	14.1	0.0	34.0

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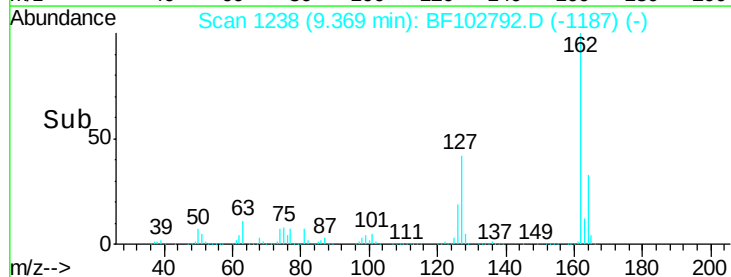
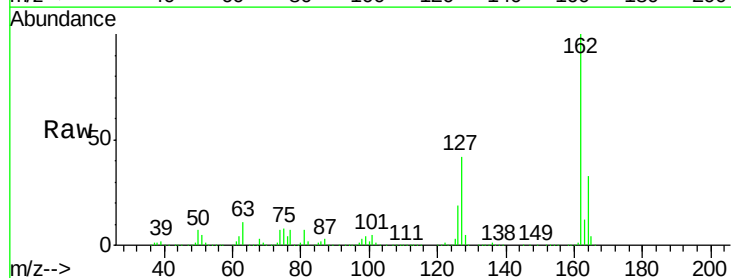
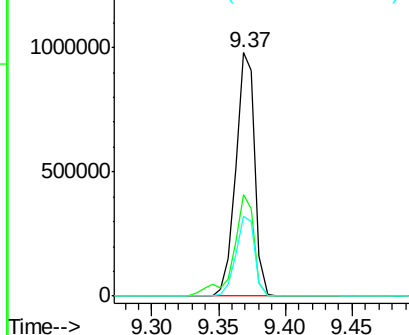
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

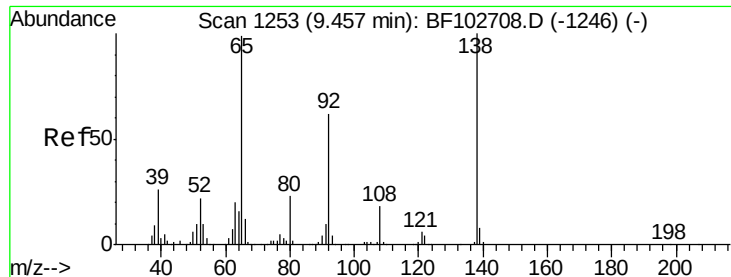


#46
 2-Chloronaphthalene
 Concen: 44.819 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. 0.00 min
 Lab File: BF102792.D
 Acq: 6 Feb 2018 18:56

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.7	33.9	50.9
164	32.7	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: 51.333 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BF102792.D

Acq: 6 Feb 2018 18:56

Instrument :

BNA_F

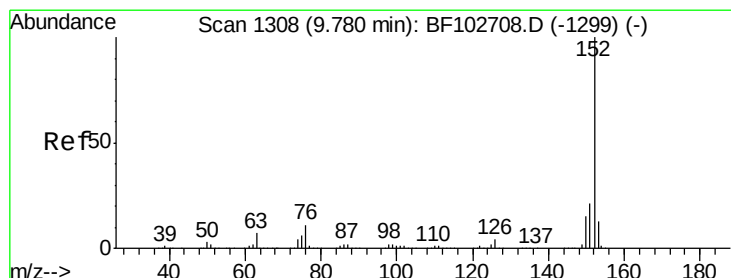
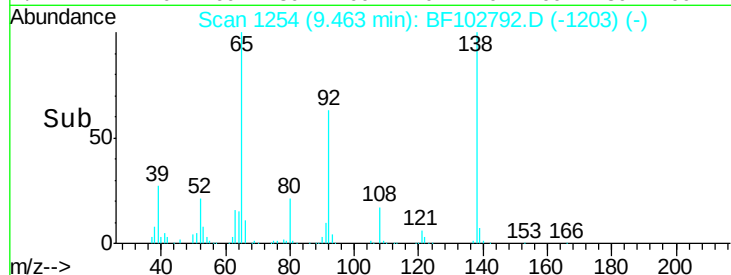
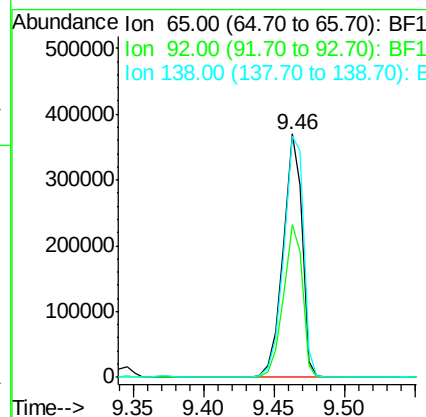
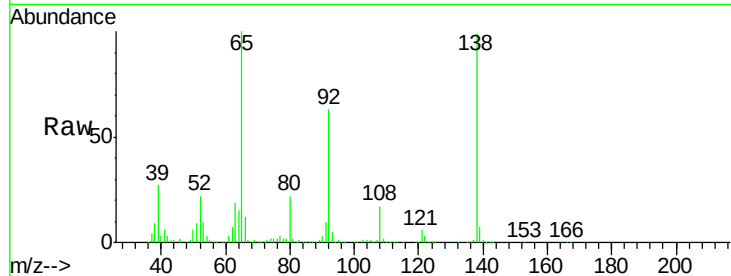
ClientSampleId :

LW-01-BMSD

Tot Ion:	65	Resp:	344546
Ion Ratio	Lower	Upper	
65	100		
92	62.9	55.8	83.6
138	99.1	91.2	136.8

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#48

Acenaphthylene

Concen: 41.950 ng

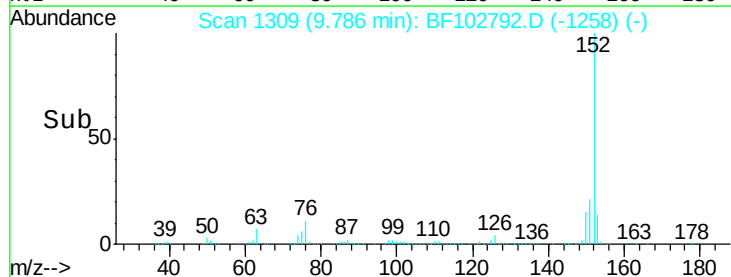
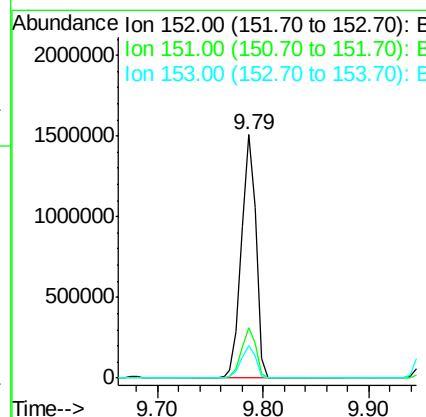
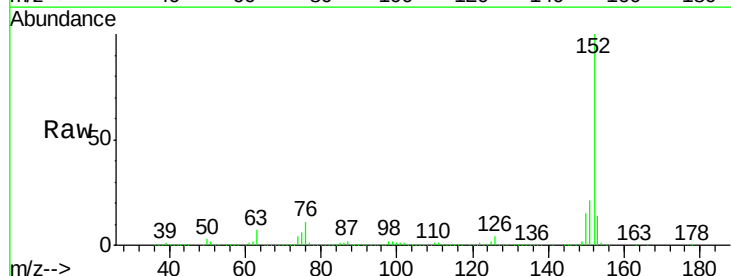
RT: 9.79 min Scan# 1309

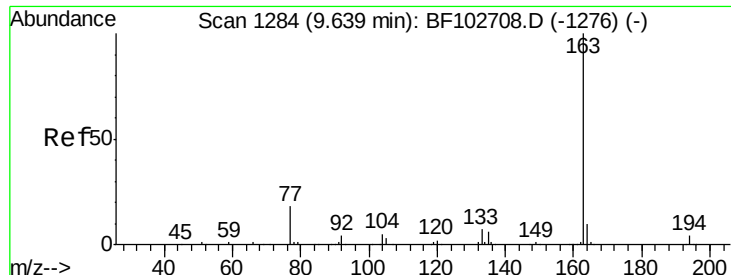
Delta R.T. 0.00 min

Lab File: BF102792.D

Acq: 6 Feb 2018 18:56

Tgt Ion:	152	Resp:	1410104
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.3	24.5
153	13.6	10.7	16.1





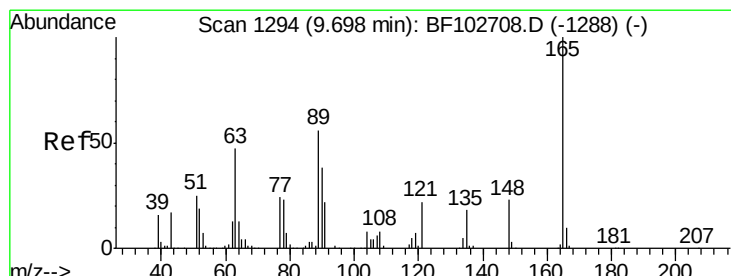
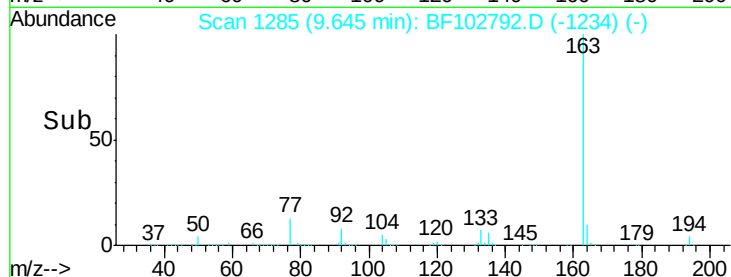
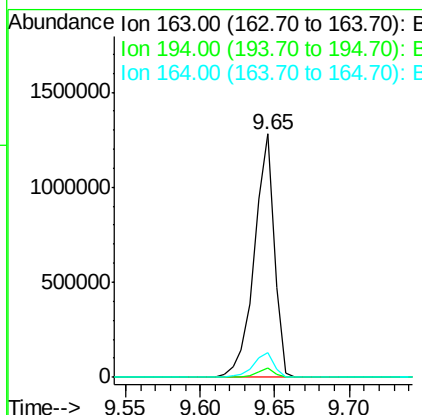
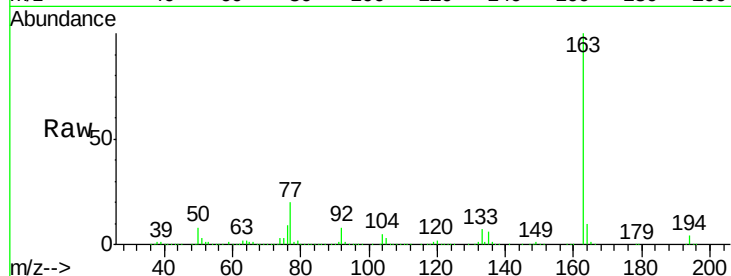
#49
Dimethylphthalate
Concen: 46.079 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BF102792.D
Acq: 6 Feb 2018 18:56

Instrument :
BNA_F
ClientSampleId :
LW-01-BMSD

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.0	8.2	12.2

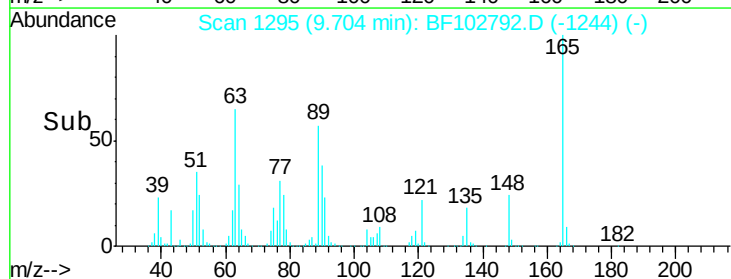
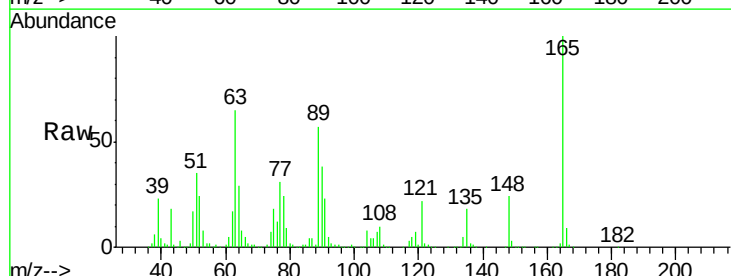
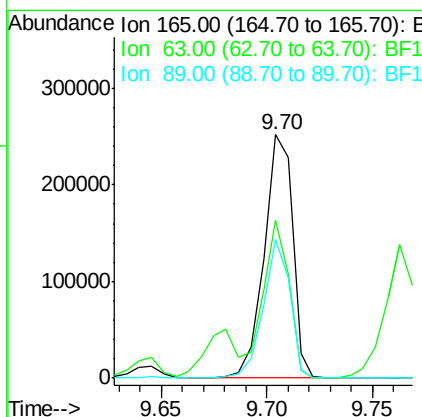
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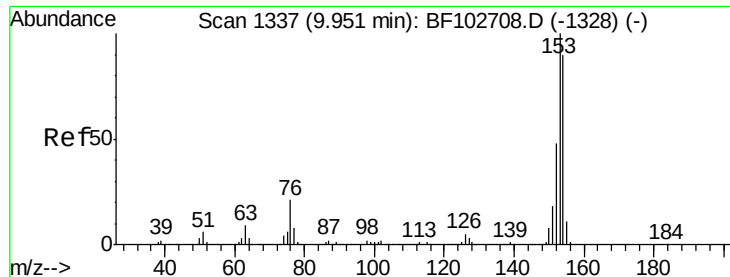
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#50
2,6-Dinitrotoluene
Concen: 48.974 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF102792.D
Acq: 6 Feb 2018 18:56

Tgt Ion	Ratio	Lower	Upper
165	100		
63	64.9	44.7	67.1
89	56.9	44.0	66.0





#51

Acenaphthene

Concen: 40.936 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BF102792.D

Acq: 6 Feb 2018 18:56

Instrument :

BNA_F

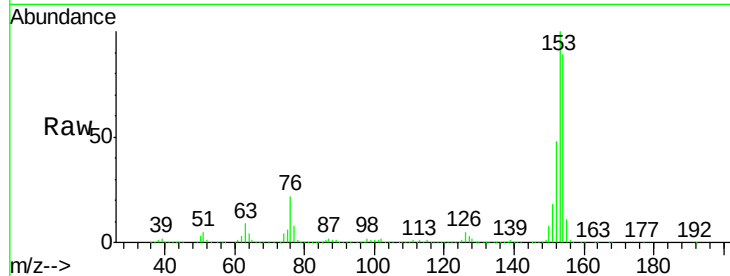
ClientSampleId :

LW-01-BMSD

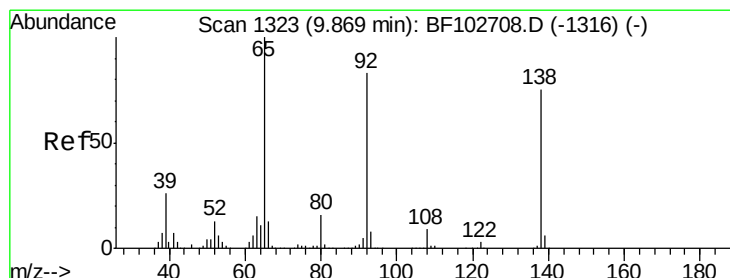
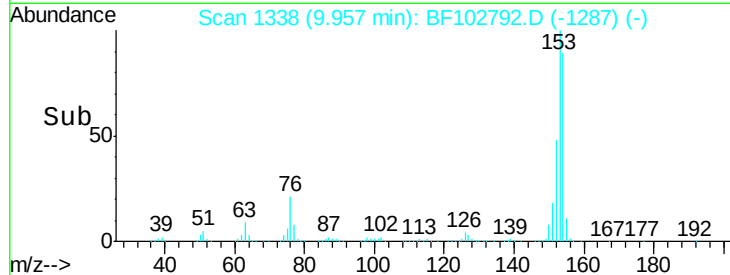
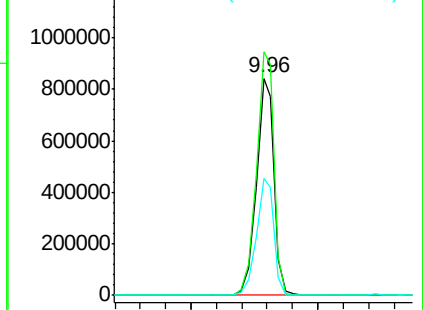
Tot Ion:	154	Resp:	822891
Ion Ratio	Lower	Upper	
154	100		
153	112.1	91.2	136.8
152	53.8	43.8	65.8

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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: 36.520 ng

RT: 9.87 min Scan# 1324

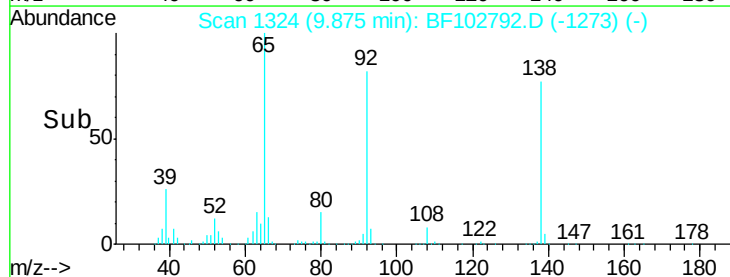
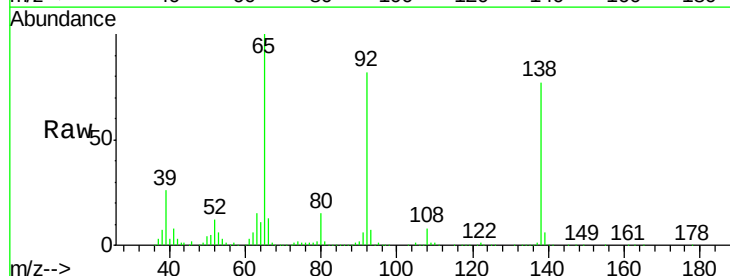
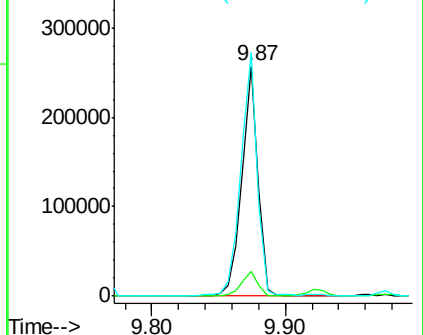
Delta R.T. 0.00 min

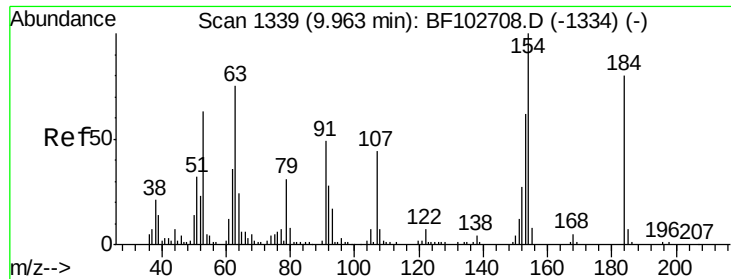
Lab File: BF102792.D

Acq: 6 Feb 2018 18:56

Tgt Ion:	138	Resp:	217561
Ion Ratio	Lower	Upper	
138	100		
108	10.9	9.4	14.0
92	105.8	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





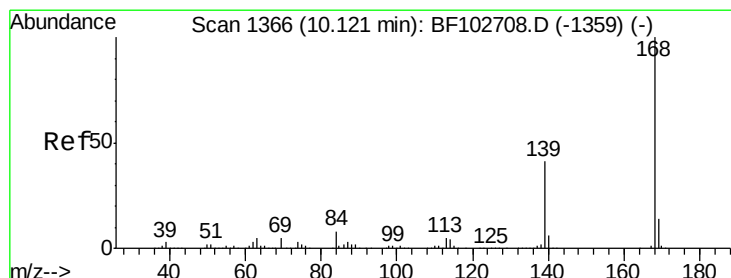
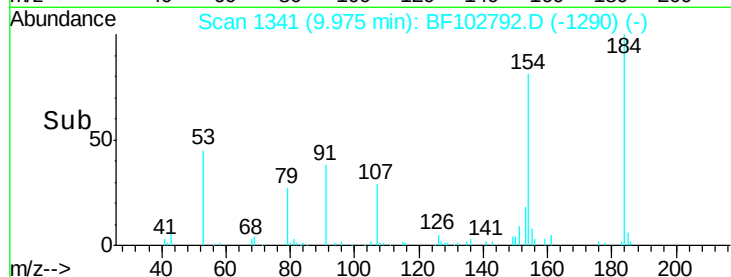
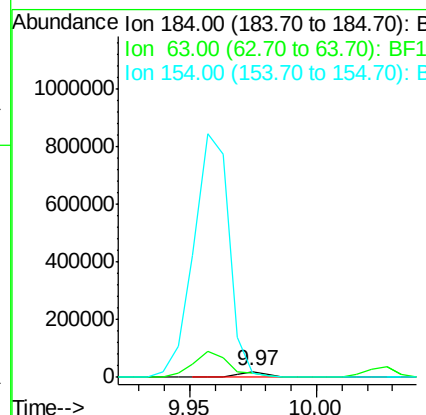
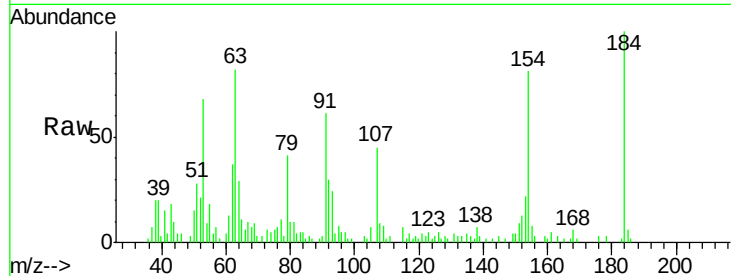
#53
2,4-Dinitrophenol
Concen: 23.163 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF102792.D
Acq: 6 Feb 2018 18:56

Instrument :
BNA_F
ClientSampleId :
LW-01-BMSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	81.6	54.2	81.2#
154	81.4	184.0	276.0#

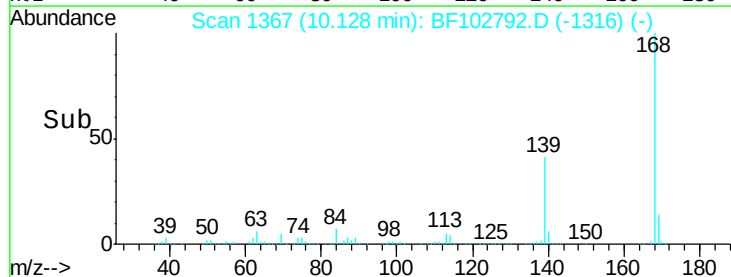
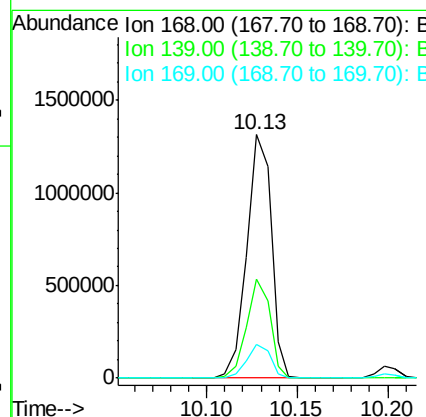
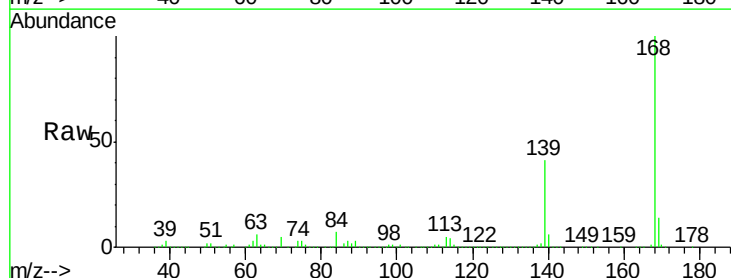
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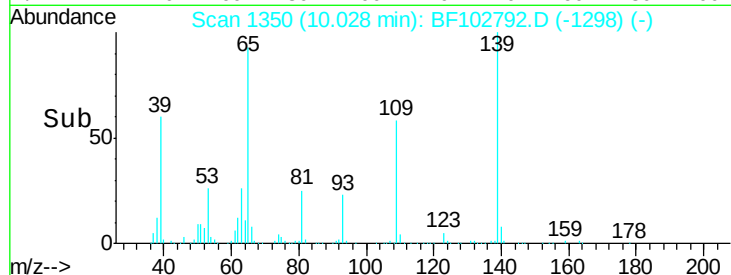
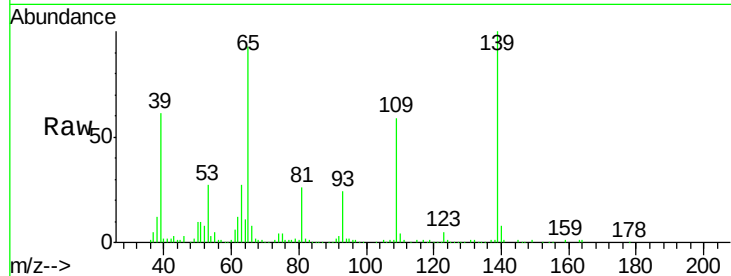
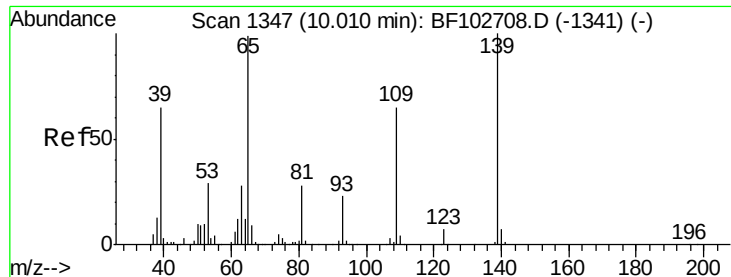
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#54
Dibenzofuran
Concen: 43.562 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BF102792.D
Acq: 6 Feb 2018 18:56

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.6	30.1	45.1
169	13.8	10.9	16.3





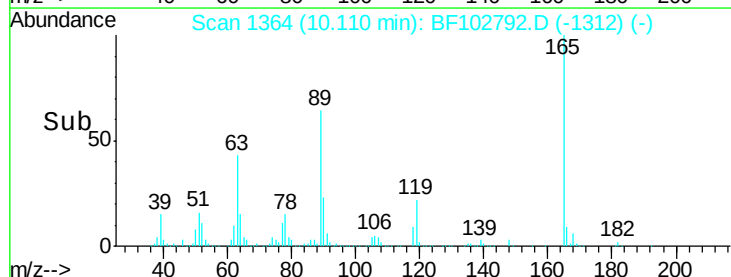
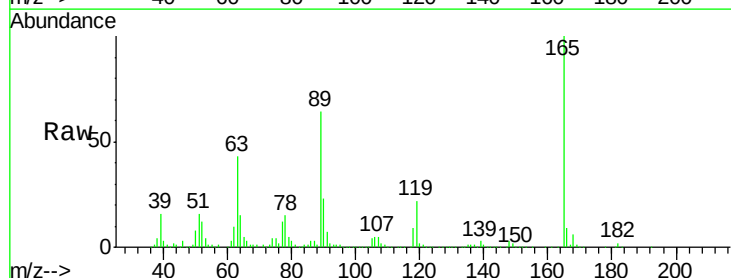
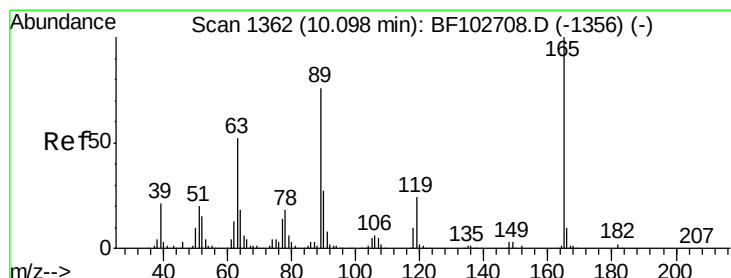
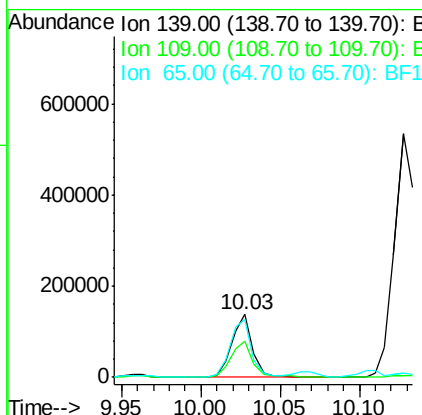
#55
4-Nitrophenol
Concen: 27.974 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF102792.D
Acq: 6 Feb 2018 18:56

Instrument :
BNA_F
ClientSampleId :
LW-01-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	123462		
109	58.6	48.4	88.4	
65	93.4	72.6	112.6	

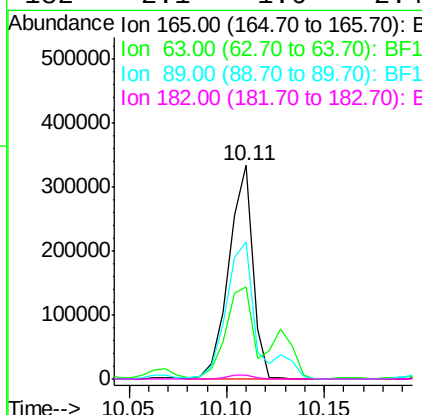
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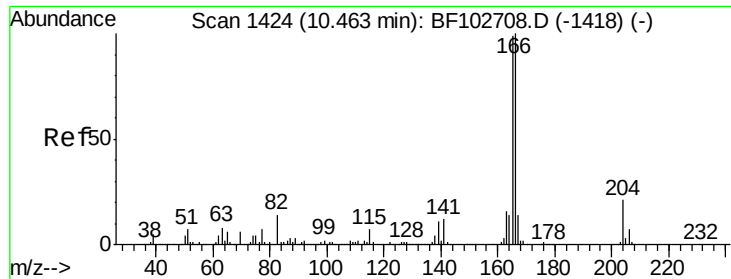
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#56
2,4-Dinitrotoluene
Concen: 44.082 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF102792.D
Acq: 6 Feb 2018 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	284496		
63	42.9	36.4	54.6	
89	64.4	57.8	86.6	
182	2.1	1.6	2.4	





#57

Fluorene

Concen: 41.730 ng

RT: 10.47 min Scan# 1426

Delta R.T. 0.00 min

Lab File: BF102792.D

Acq: 6 Feb 2018 18:56

Instrument :

BNA_F

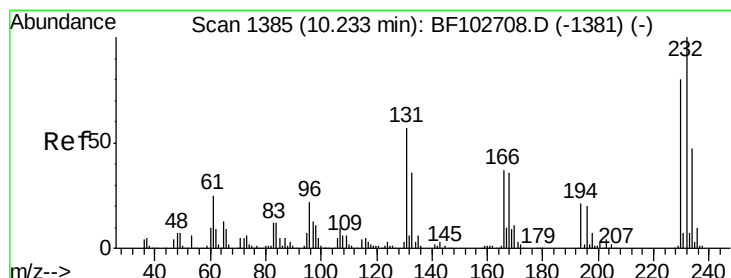
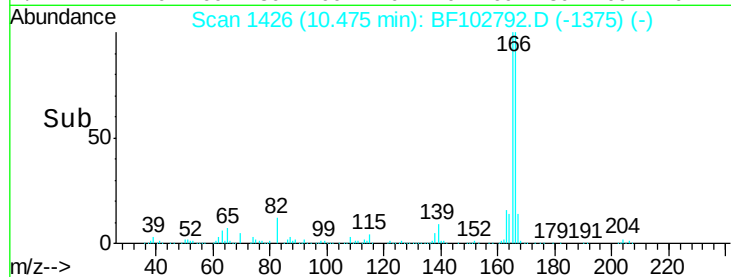
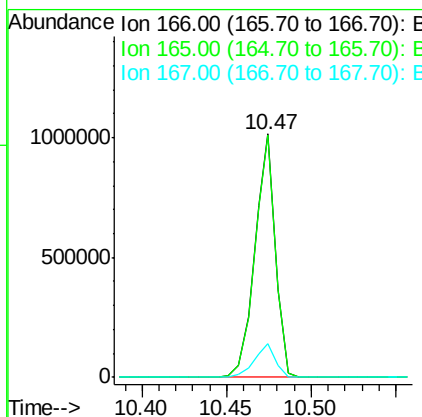
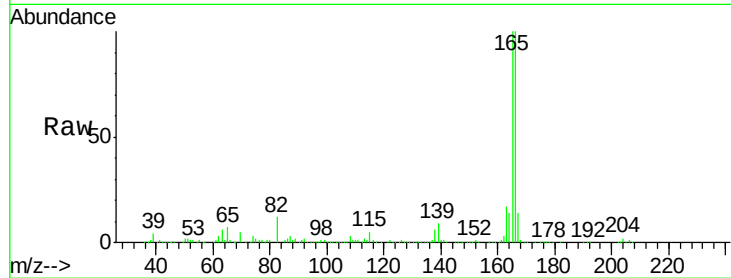
ClientSampleId :

LW-01-BMSD

Tot Ion:	166	Resp:	860124
Ion Ratio	Lower	Upper	
166	100		
165	99.6	79.8	119.8
167	13.6	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 44.159 ng

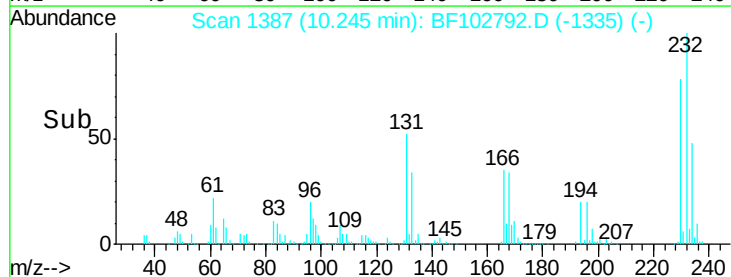
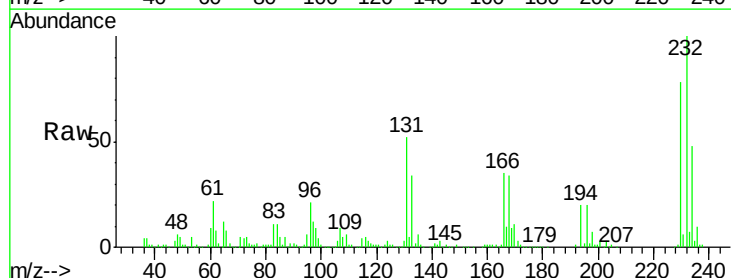
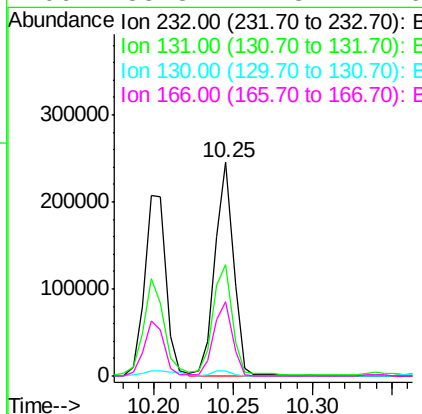
RT: 10.25 min Scan# 1387

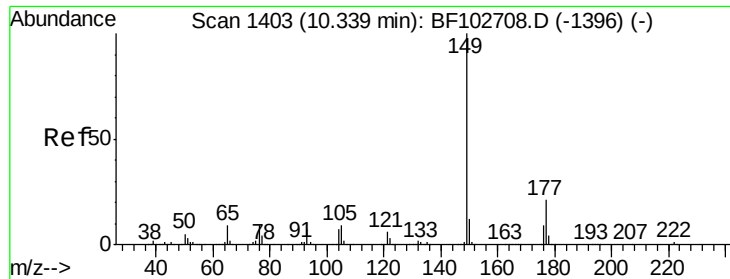
Delta R.T. 0.01 min

Lab File: BF102792.D

Acq: 6 Feb 2018 18:56

Tgt Ion:	232	Resp:	201354
Ion Ratio	Lower	Upper	
232	100		
131	52.5	43.8	65.8
130	3.0	2.1	3.1
166	35.3	27.8	41.6





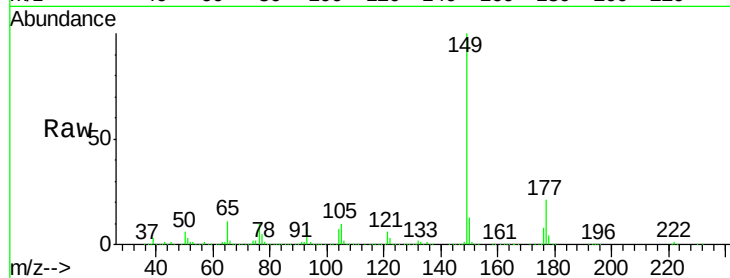
#59
Diethylphthalate
Concen: 43.140 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BF102792.D
Acq: 6 Feb 2018 18:56

Instrument :
BNA_F
ClientSampled :
LW-01-BMSD

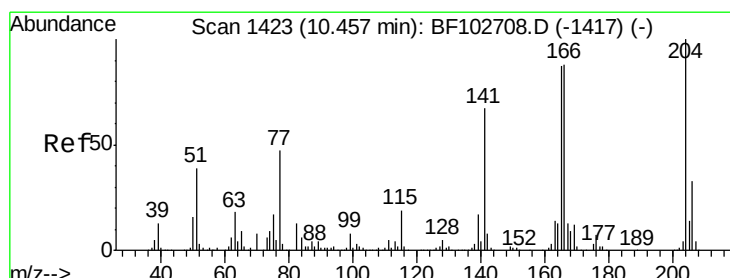
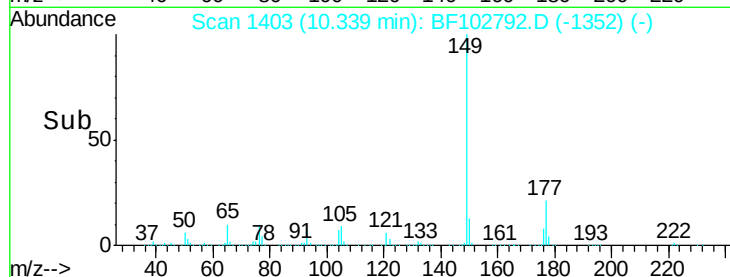
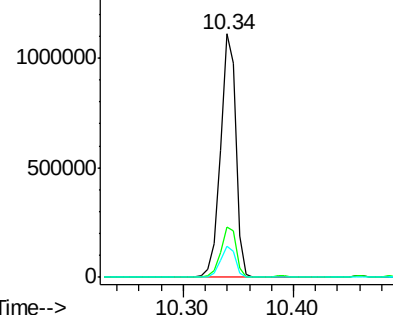
Tot Ion	Ratio	Lower	Upper
149	100		
177	20.5	16.1	24.1
150	12.9	10.1	15.1

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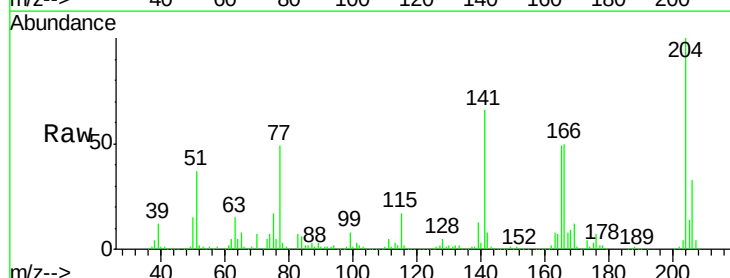


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

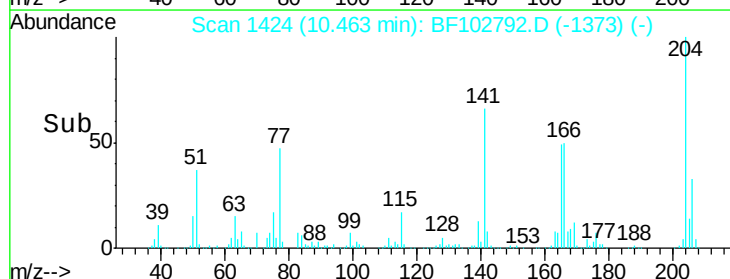
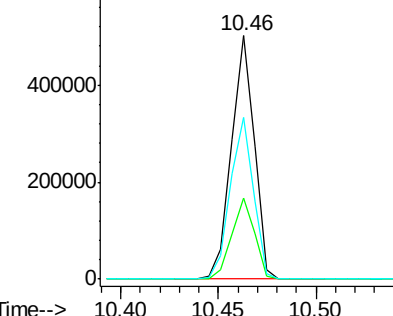


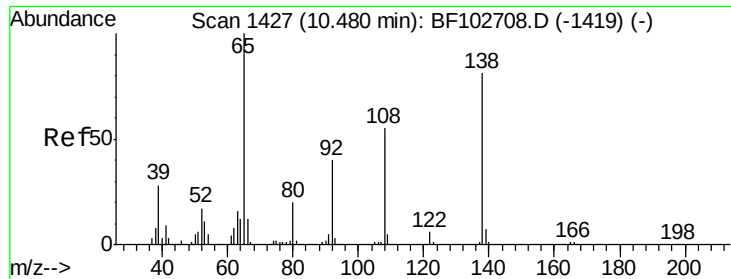
#60
4-Chlorophenyl-phenylether
Concen: 44.676 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF102792.D
Acq: 6 Feb 2018 18:56

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.5	39.7
141	66.4	54.6	81.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





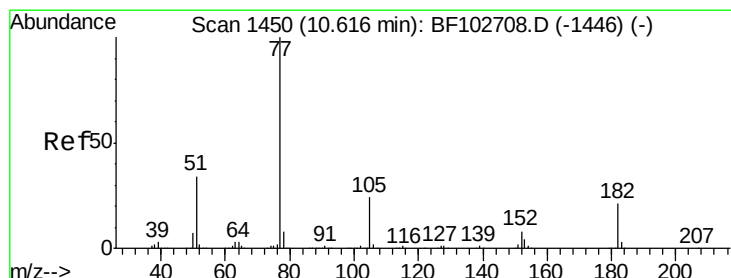
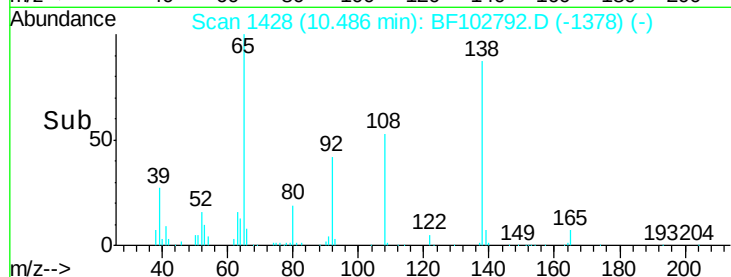
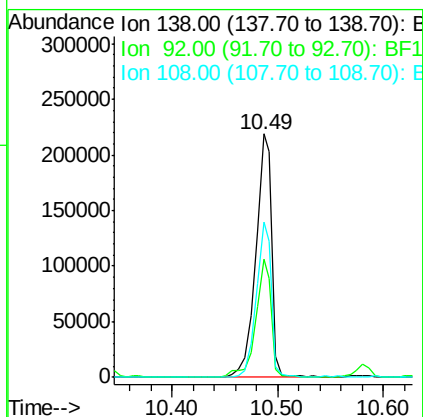
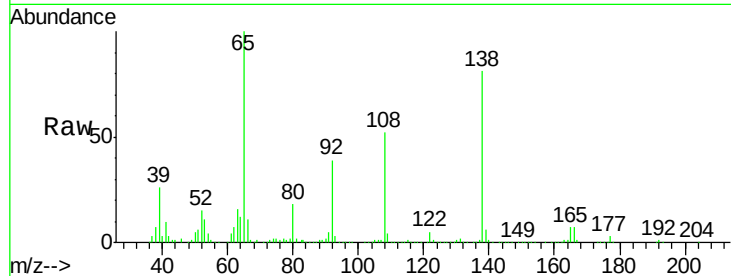
#61
4-Nitroaniline
Concen: 41.711 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF102792.D
Acq: 6 Feb 2018 18:56

Instrument :
BNA_F
ClientSampled :
LW-01-BMSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.4	30.2	70.2
108	63.7	52.5	92.5

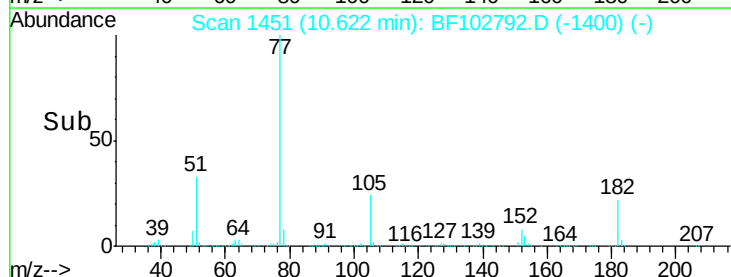
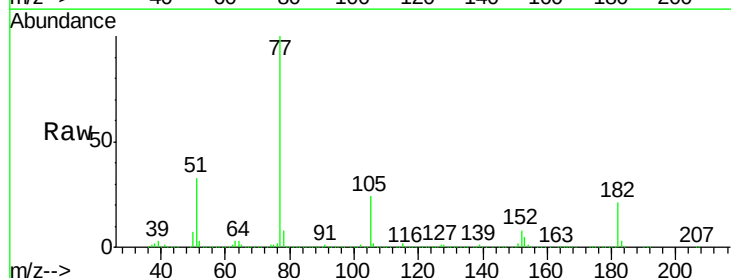
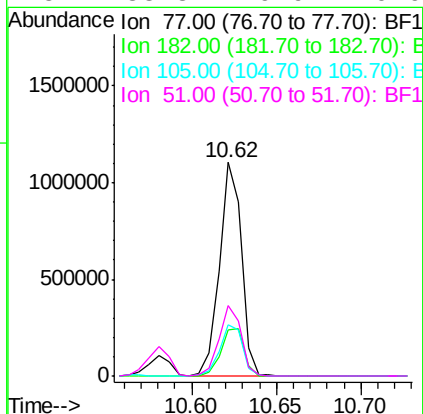
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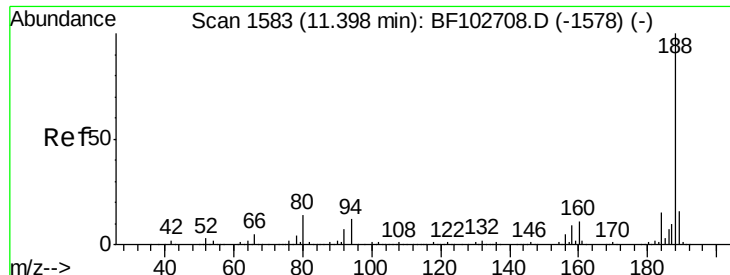
Sohil
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#62
Azobenzene
Concen: 39.945 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF102792.D
Acq: 6 Feb 2018 18:56

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.4	1.7	41.7
105	23.8	3.0	43.0
51	33.3	9.9	49.9





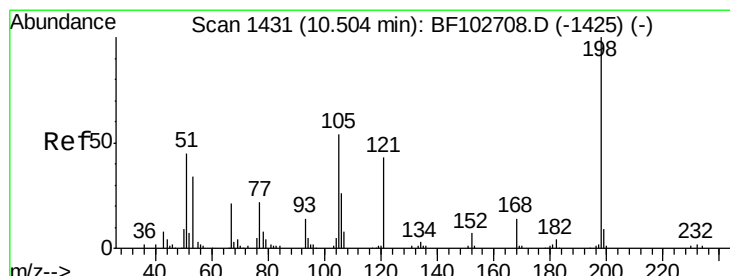
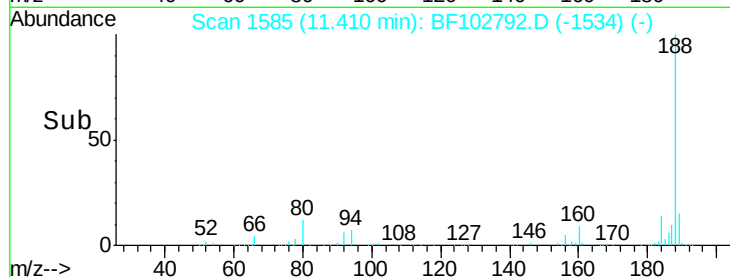
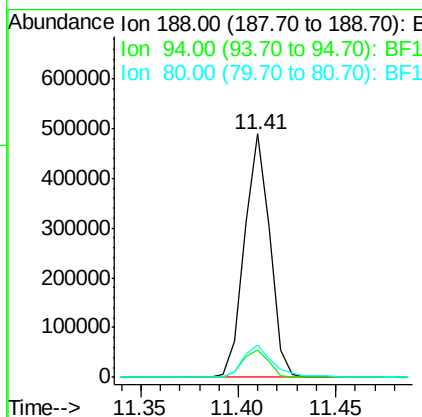
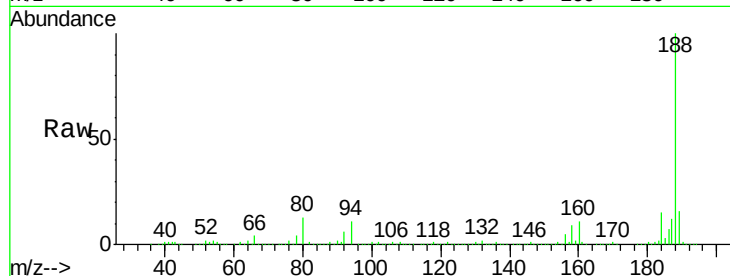
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF102792.D
Acq: 6 Feb 2018 18:56

Instrument :
BNA_F
ClientSampleId :
LW-01-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	439098		
94	11.3		8.5	12.7
80	13.1		9.2	13.8

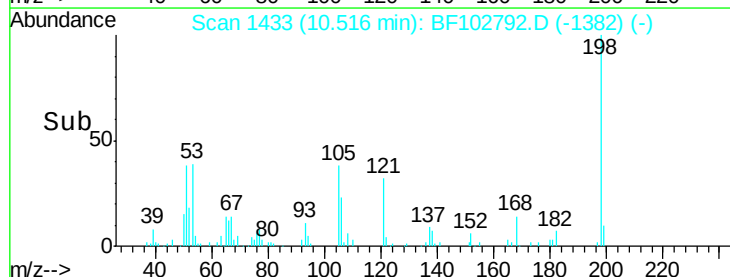
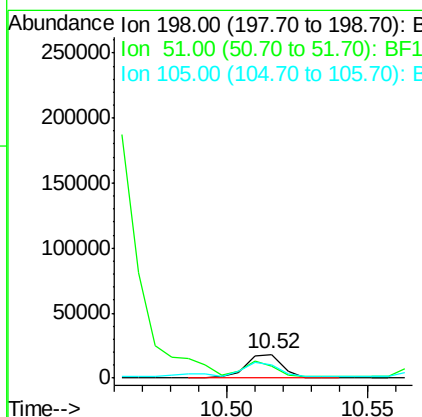
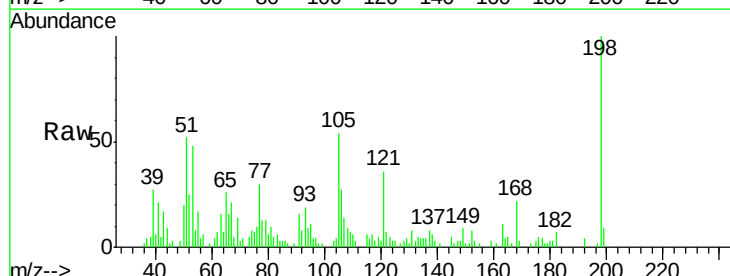
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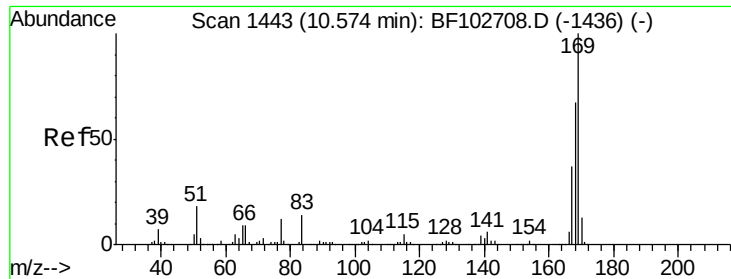
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#64
4,6-Dinitro-2-methylphenol
Concen: 16.854 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF102792.D
Acq: 6 Feb 2018 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	16330		
51	51.8		37.7	77.7
105	53.7		36.3	76.3





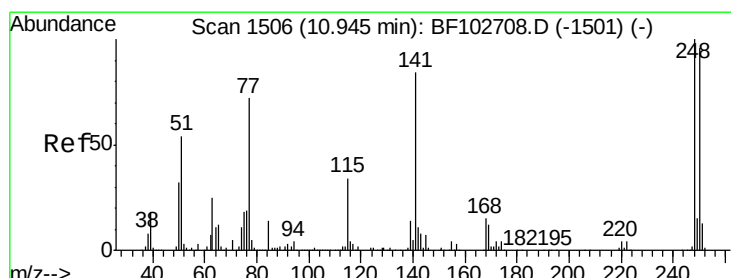
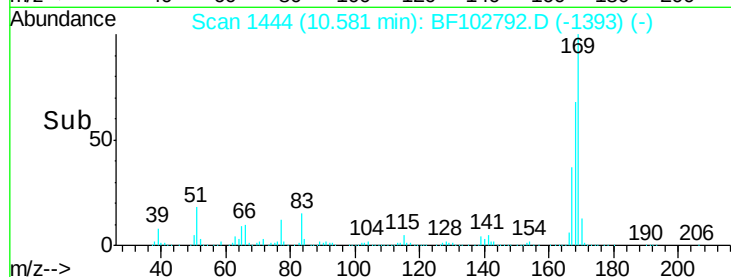
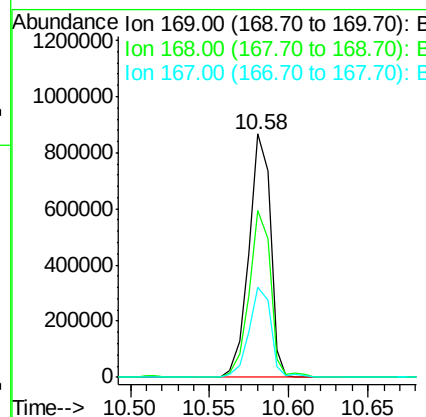
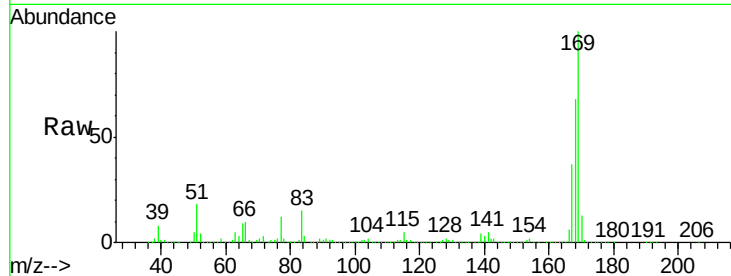
#65
n-Nitrosodiphenylamine
Concen: 52.627 ng
RT: 10.58 min Scan# 1444
Delta R.T. 0.00 min
Lab File: BF102792.D
Acq: 6 Feb 2018 18:56

Instrument :
BNA_F
ClientSampleId :
LW-01-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	815097		
168	68.5	54.4	81.6	
167	36.9	29.8	44.6	

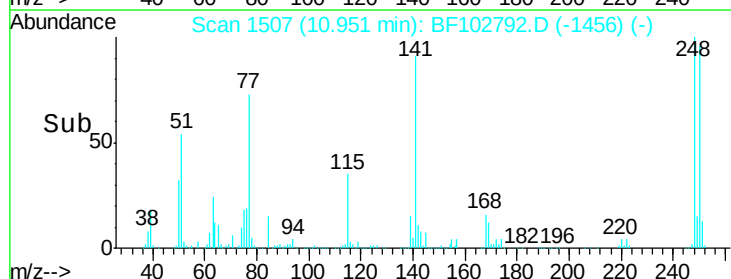
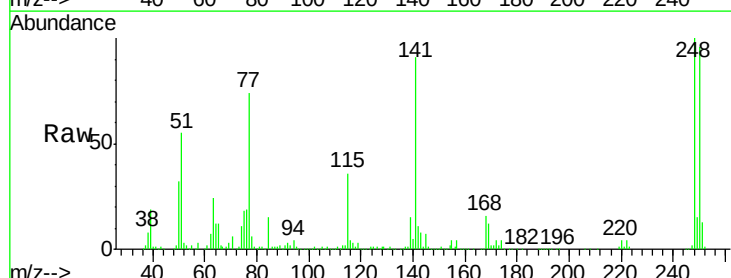
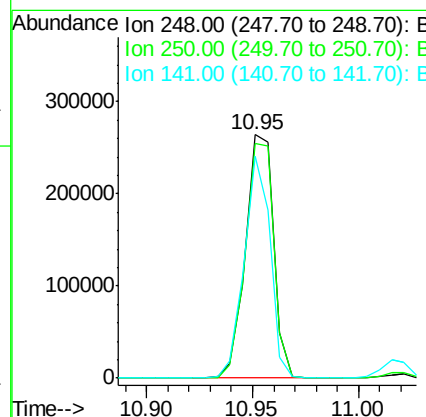
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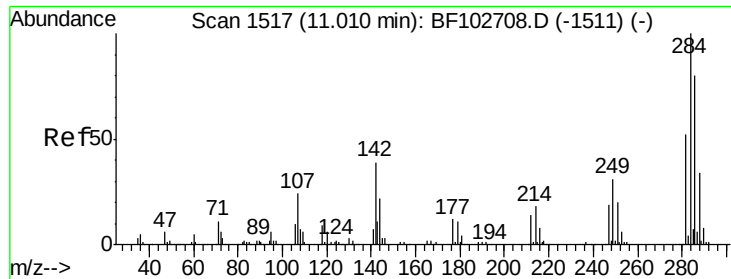
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 52.387 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BF102792.D
Acq: 6 Feb 2018 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	243328		
250	96.4	76.9	115.3	
141	90.9	74.4	111.6	





#67

Hexachlorobenzene

Concen: 46.508 ng

RT: 11.02 min Scan# 1519

Delta R.T. 0.01 min

Lab File: BF102792.D

Acq: 6 Feb 2018 18:56

Instrument :

BNA_F

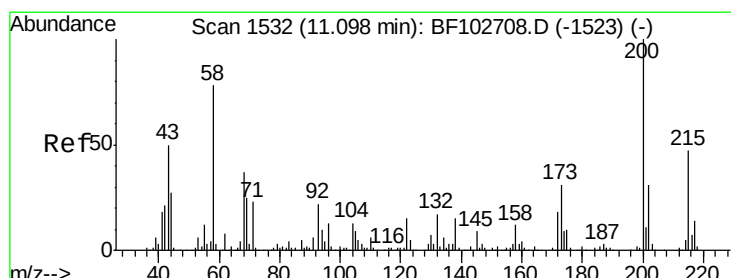
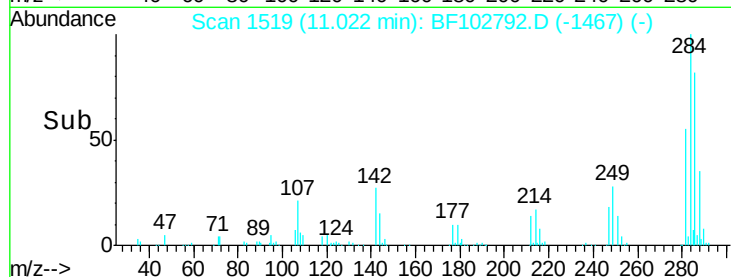
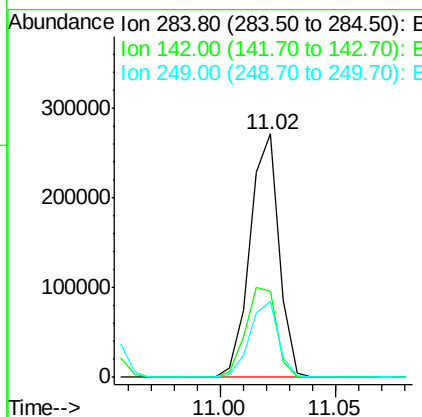
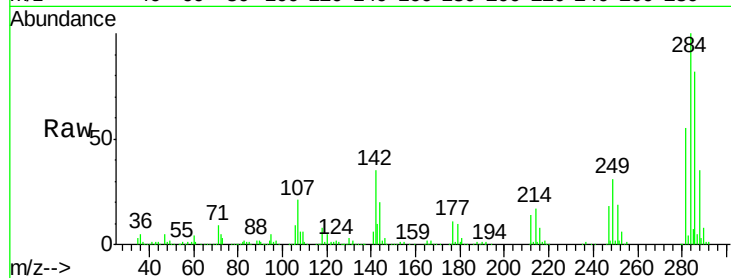
ClientSampleId :

LW-01-BMSD

Tot Ion:	284	Resp:	238311
Ion Ratio		Lower	Upper
284	100		
142	35.5	34.6	52.0
249	31.3	24.8	37.2

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#68

Atrazine

Concen: 46.159 ng

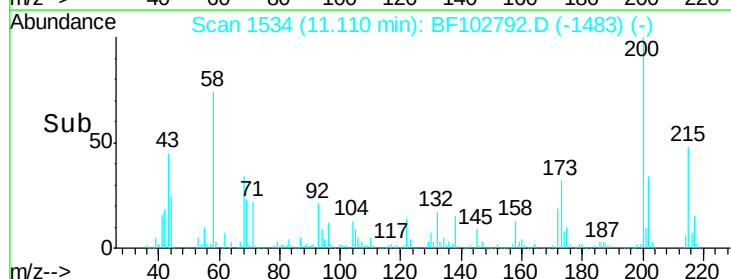
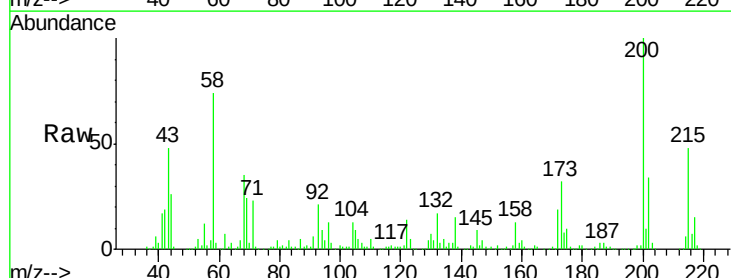
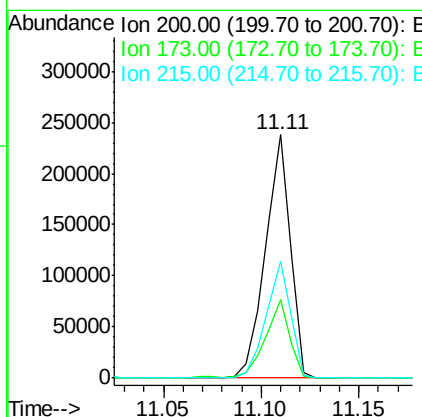
RT: 11.11 min Scan# 1534

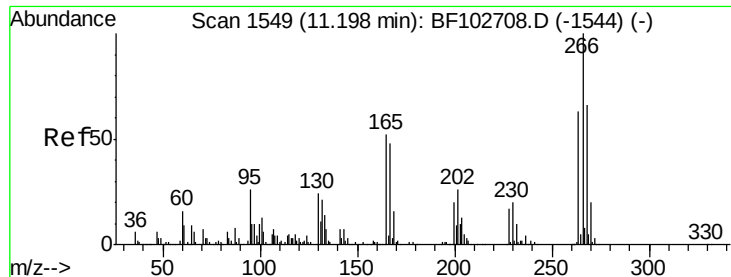
Delta R.T. 0.00 min

Lab File: BF102792.D

Acq: 6 Feb 2018 18:56

Tgt Ion:	200	Resp:	210908
Ion Ratio		Lower	Upper
200	100		
173	32.1	8.6	48.6
215	48.0	25.1	65.1





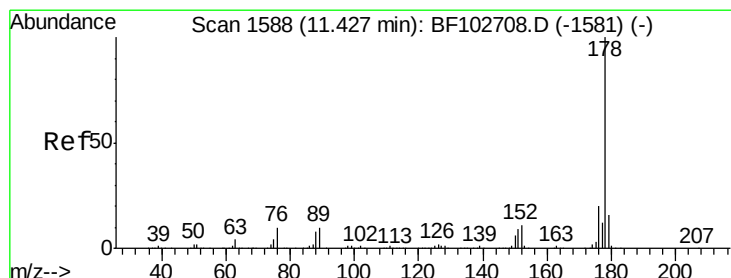
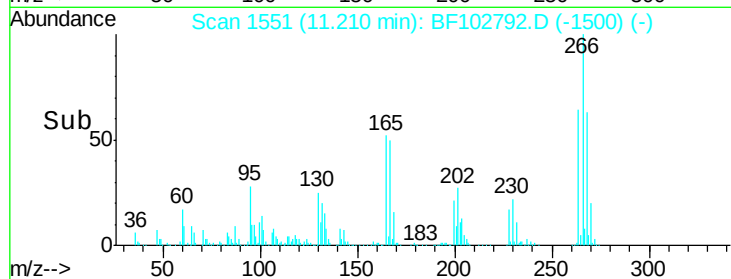
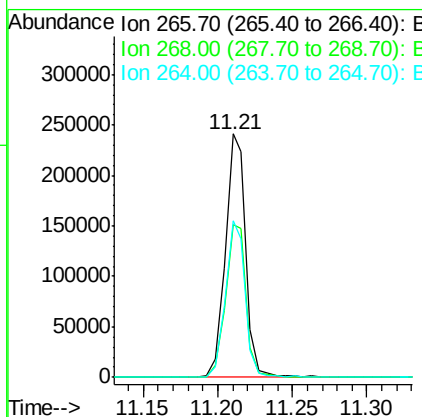
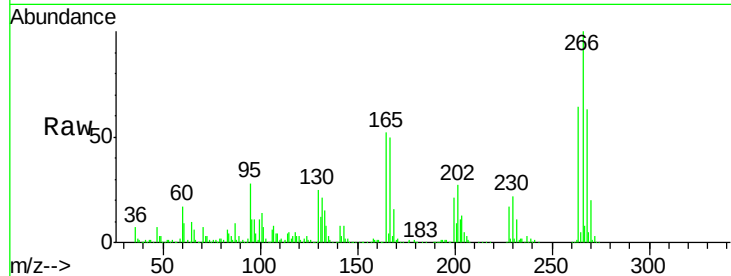
#69
 Pentachlorophenol
 Concen: 77.435 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. 0.00 min
 Lab File: BF102792.D
 Acq: 6 Feb 2018 18:56

Instrument :
 BNA_F
 ClientSampleId :
 LW-01-BMSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.7	51.1	76.7
264	64.3	49.5	74.3

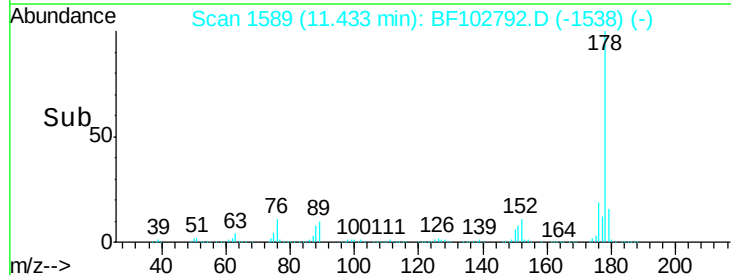
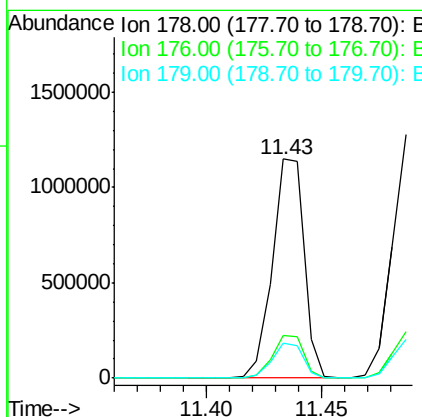
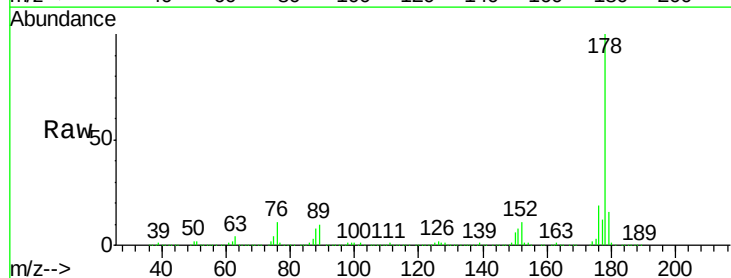
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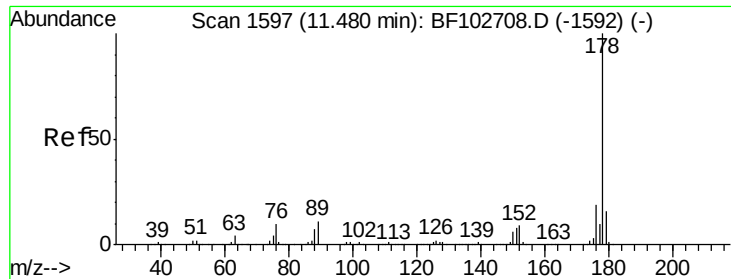
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#70
 Phenanthrene
 Concen: 44.555 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: BF102792.D
 Acq: 6 Feb 2018 18:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.9	13.0	19.6





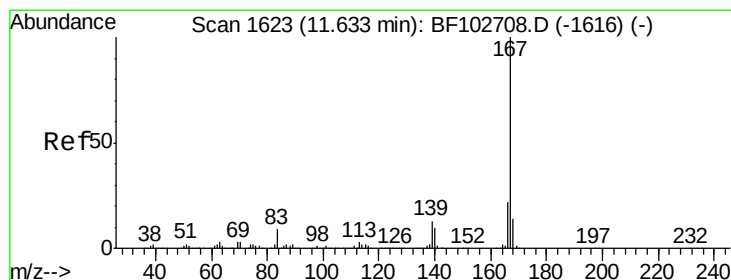
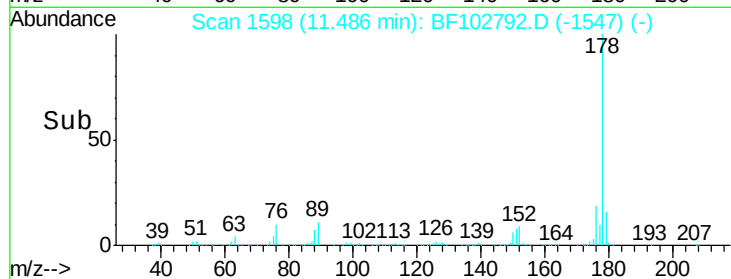
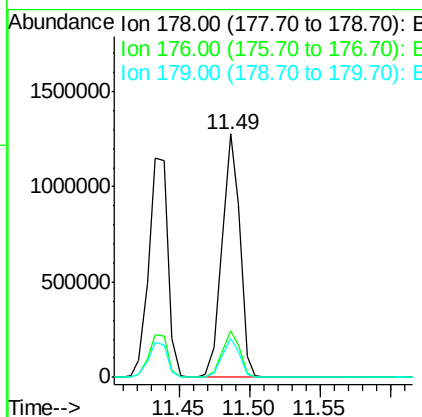
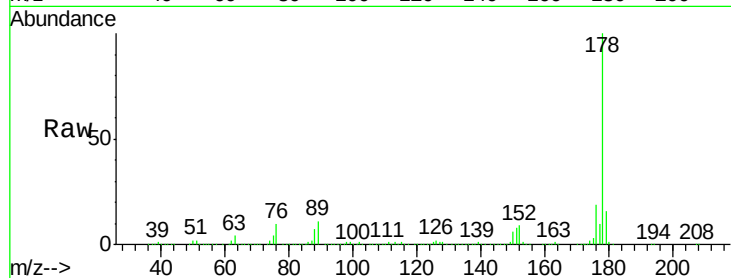
#71
 Anthracene
 Concen: 44.917 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF102792.D
 Acq: 6 Feb 2018 18:56

Instrument :
 BNA_F
 ClientSampleId :
 LW-01-BMSD

Tot Ion:178 Resp: 1117223
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.9 12.6 19.0

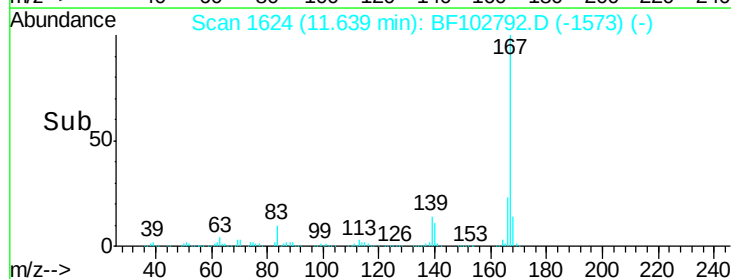
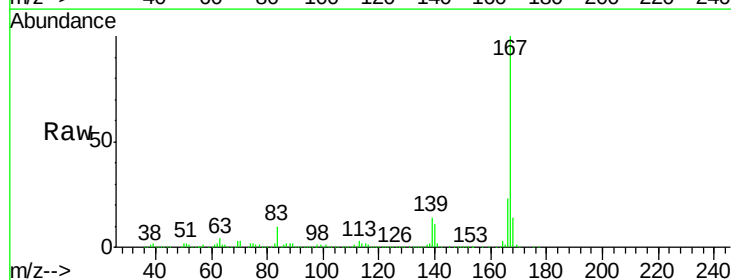
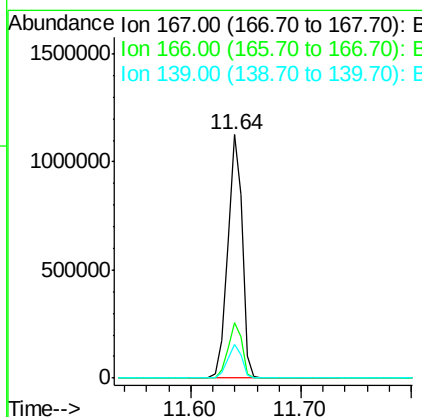
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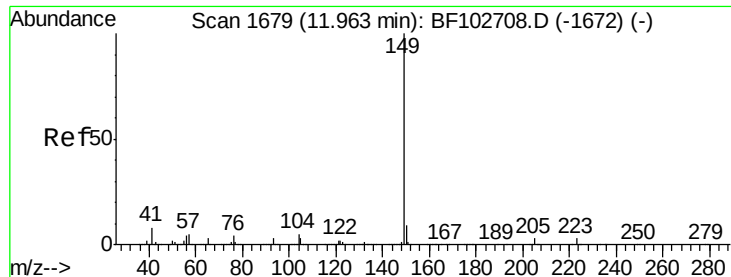
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 2/7/2018 4:18:03 PM



#72
 Carbazole
 Concen: 42.512 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF102792.D
 Acq: 6 Feb 2018 18:56

Tgt Ion:167 Resp: 1035908
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.6 26.4
 139 14.0 10.9 16.3





#73

Di-n-butylphthalate

Concen: 47.034 ng

RT: 11.97 min Scan# 1680

Delta R.T. 0.00 min

Lab File: BF102792.D

Acq: 6 Feb 2018 18:56

Instrument :

BNA_F

ClientSampleId :

LW-01-BMSD

Tot Ion:149 Resp: 1392227

Ion Ratio Lower Upper

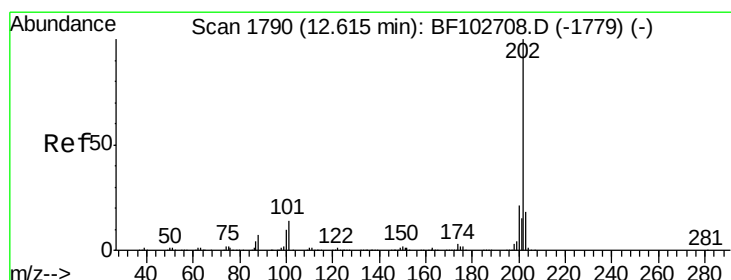
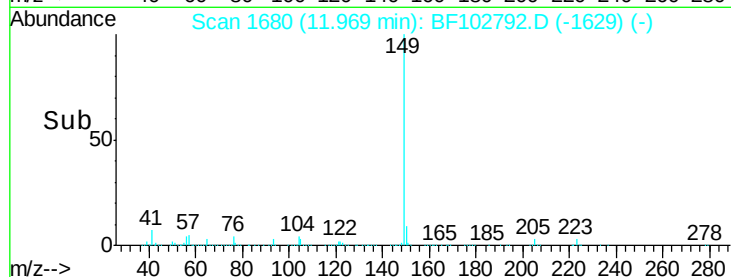
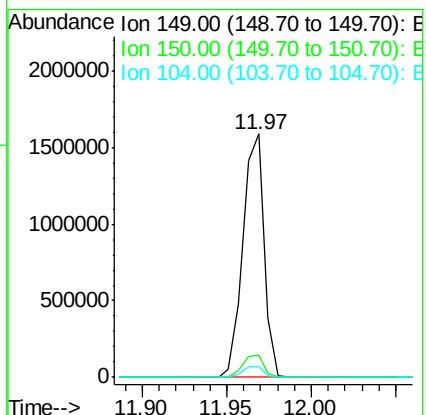
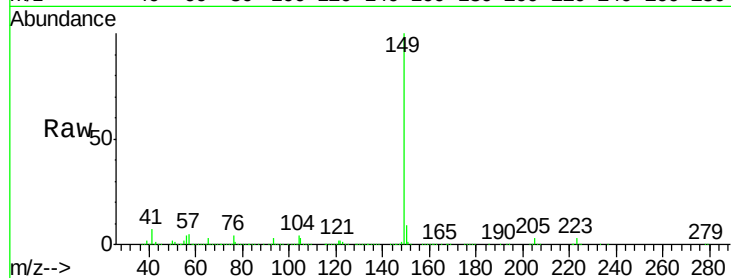
149 100

150 9.2 7.8 11.6

104 4.5 3.8 5.8

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#74

Fluoranthene

Concen: 41.979 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF102792.D

Acq: 6 Feb 2018 18:56

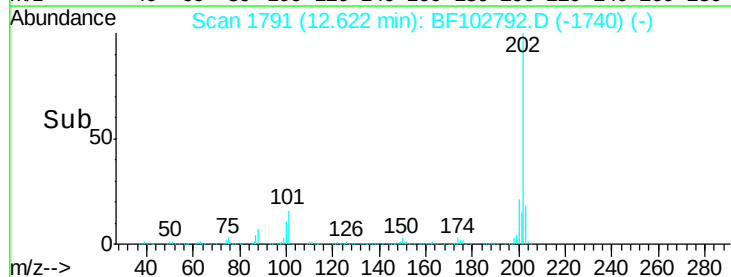
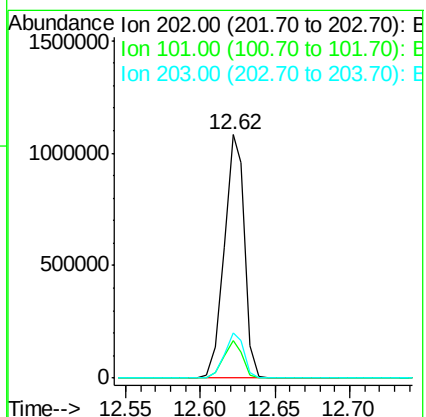
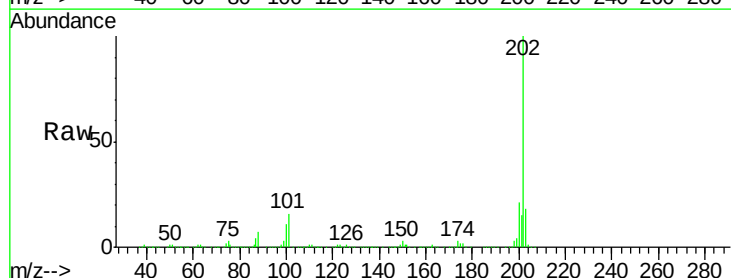
Tgt Ion:202 Resp: 1032860

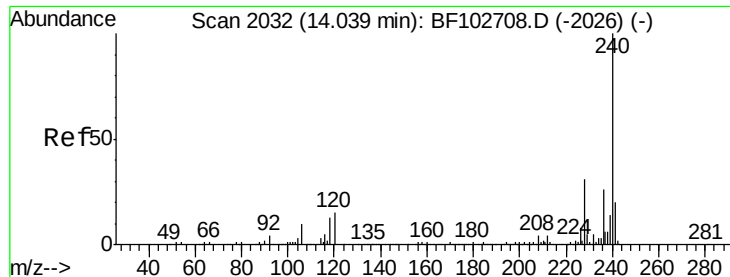
Ion Ratio Lower Upper

202 100

101 15.6 0.0 34.1

203 18.4 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BF102792.D

Acq: 6 Feb 2018 18:56

Instrument :

BNA_F

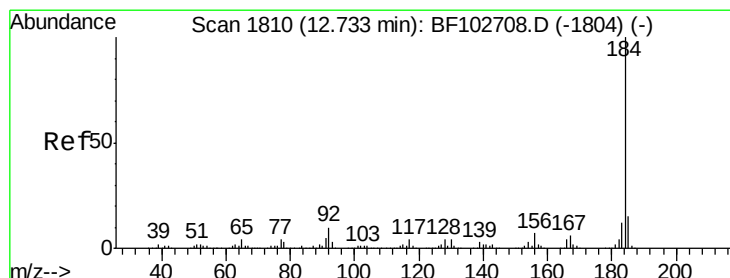
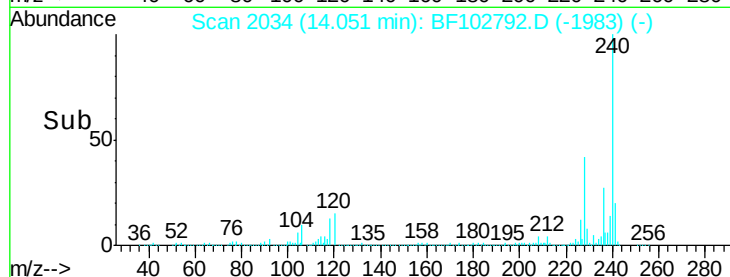
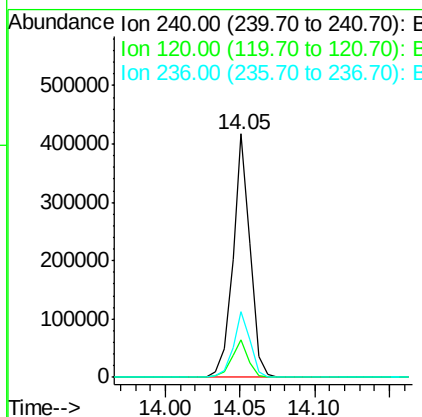
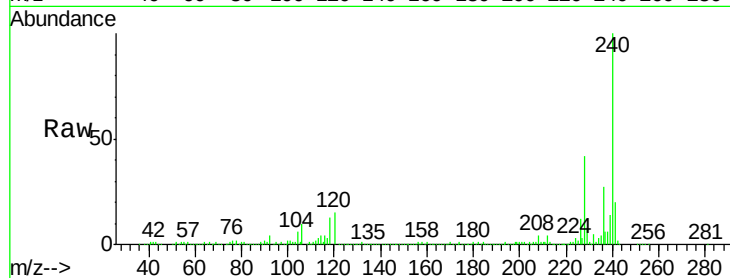
ClientSampleId :

LW-01-BMSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.3	9.5	14.3
236	26.9	20.7	31.1

Manual Integrations
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2/7/2018 4:18:03 PM



#76

Benzidine

Concen: 18.865 ng

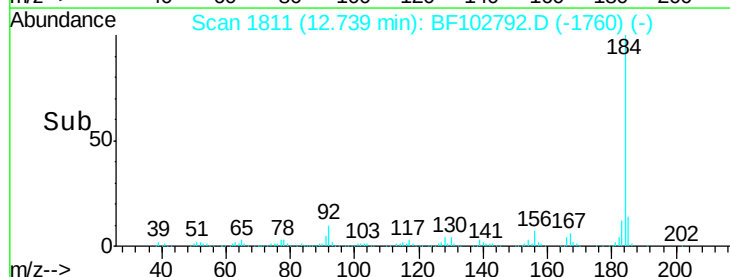
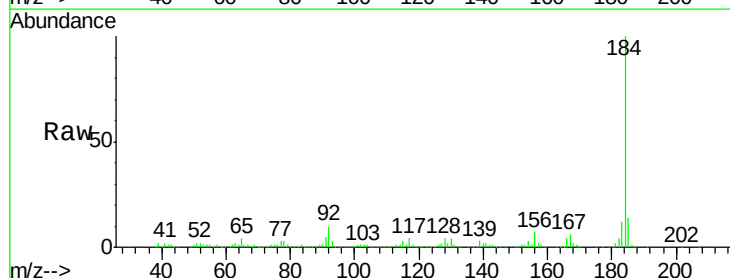
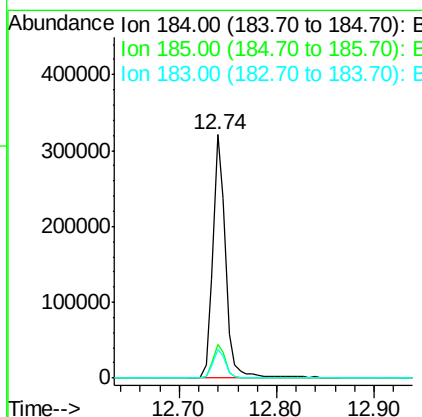
RT: 12.74 min Scan# 1811

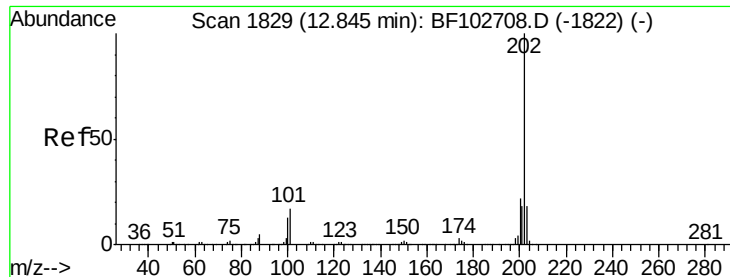
Delta R.T. 0.00 min

Lab File: BF102792.D

Acq: 6 Feb 2018 18:56

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.0	12.6	18.8
183	11.6	9.3	13.9





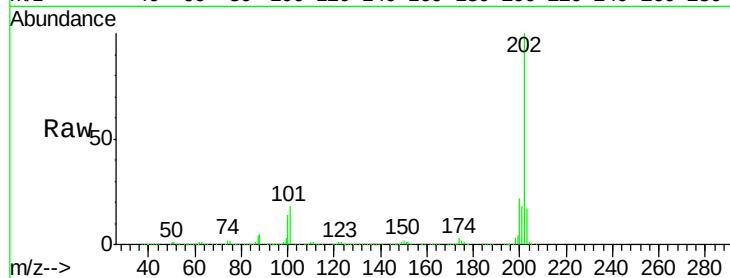
#77
Pvrene
Concen: 39.871 ng
RT: 12.85 min Scan# 1830
Delta R.T. 0.00 min
Lab File: BF102792.D
Acq: 6 Feb 2018 18:56

Instrument :
BNA_F
ClientSampleId :
LW-01-BMSD

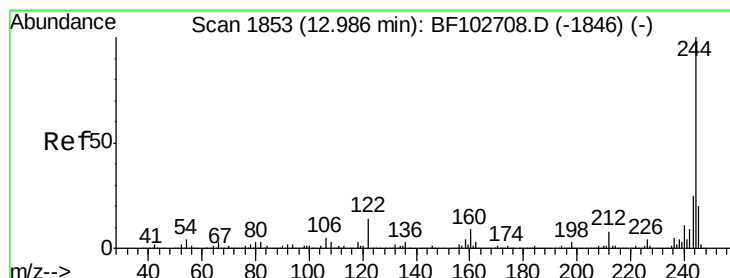
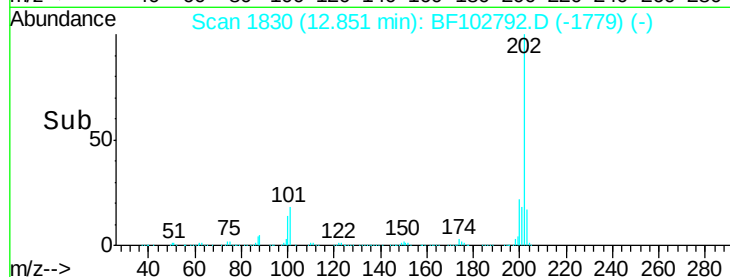
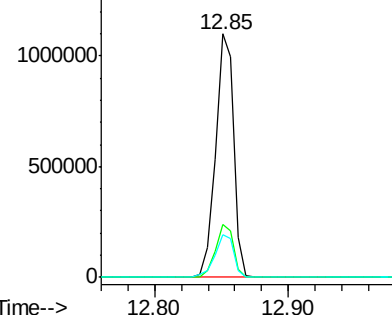
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	17.4	14.3	21.5

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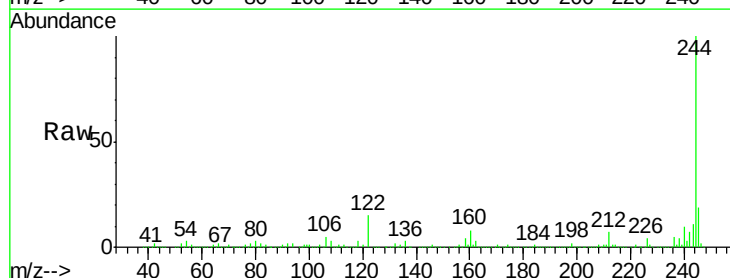


Abundance Ion 202.00 (201.70 to 202.70): E
1500000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

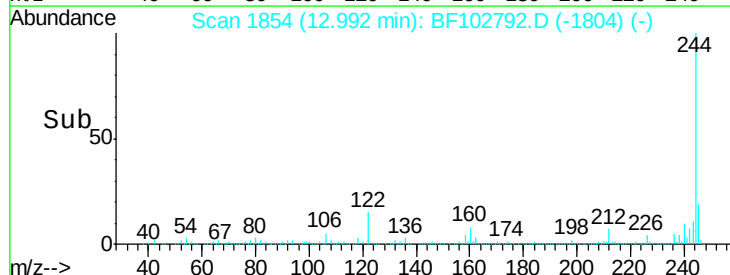
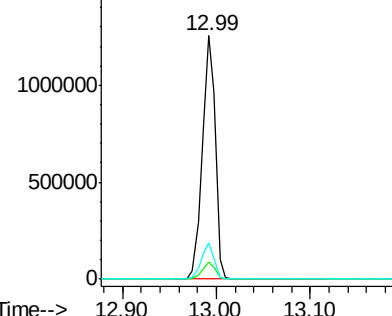


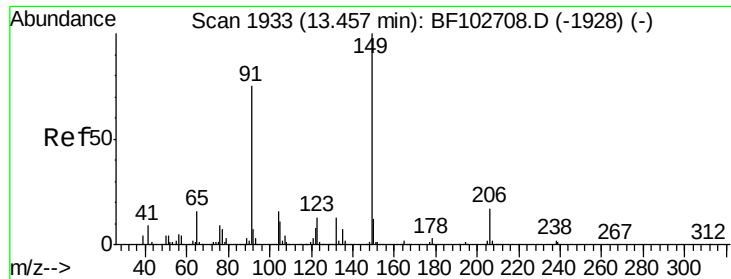
#78
Terphenyl-d14
Concen: 86.436 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF102792.D
Acq: 6 Feb 2018 18:56

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	14.6	11.0	16.4



Abundance Ion 244.00 (243.70 to 244.70): E
1500000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





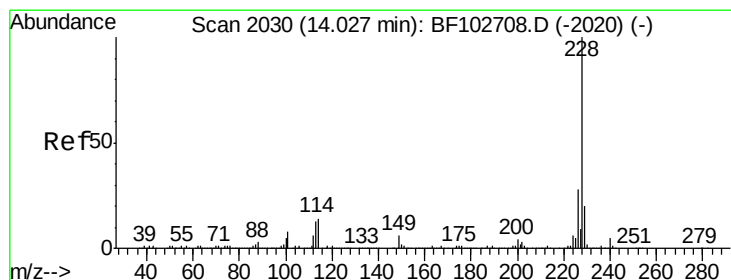
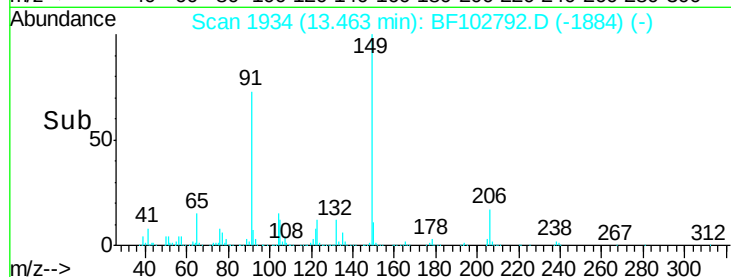
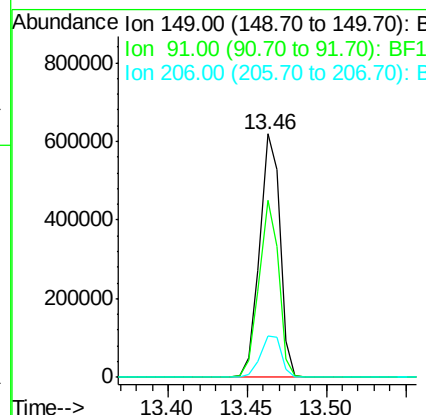
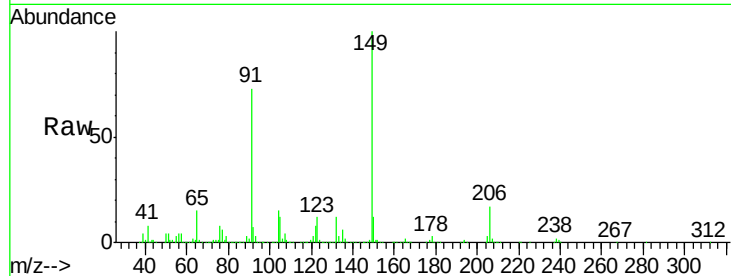
#79
Butylbenzylphthalate
Concen: 43.858 ng
RT: 13.46 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BF102792.D
Acq: 6 Feb 2018 18:56

Instrument :
BNA_F
ClientSampleId :
LW-01-BMSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	72.9	56.8	85.2
206	17.1	14.1	21.1

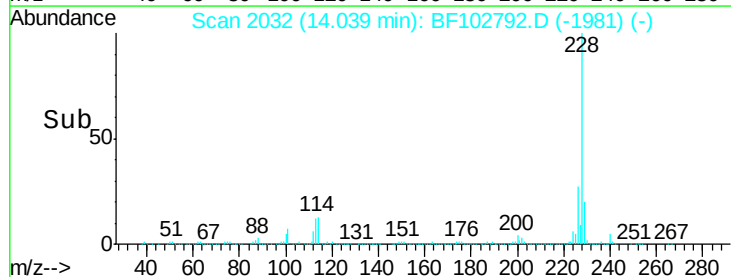
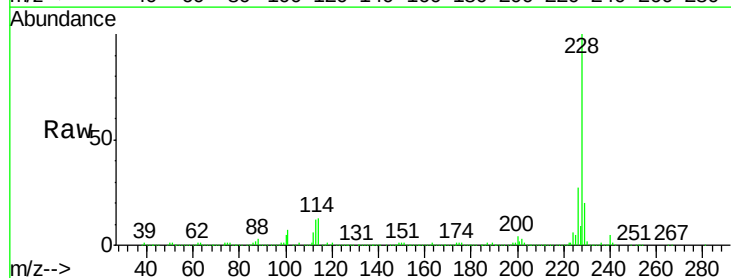
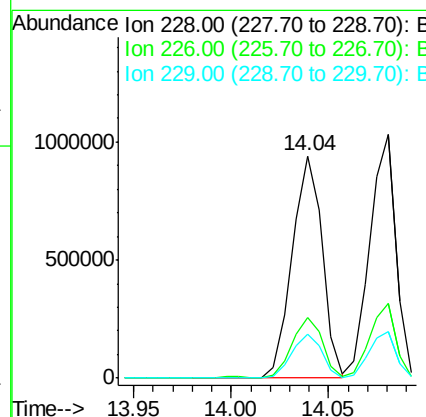
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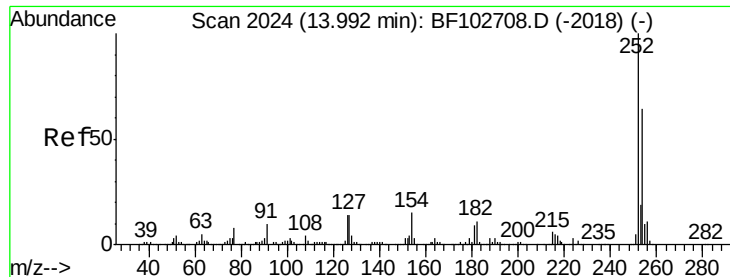
Sohil
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#80
Benzo(a)anthracene
Concen: 47.463 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF102792.D
Acq: 6 Feb 2018 18:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	19.6	15.8	23.6





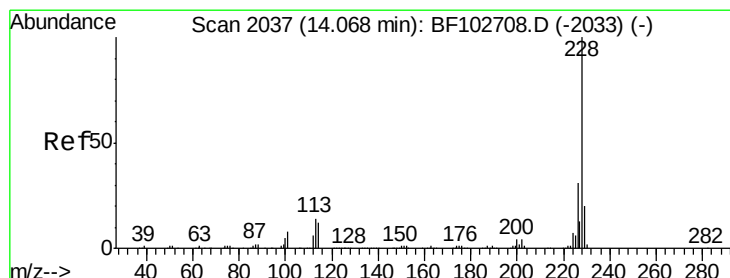
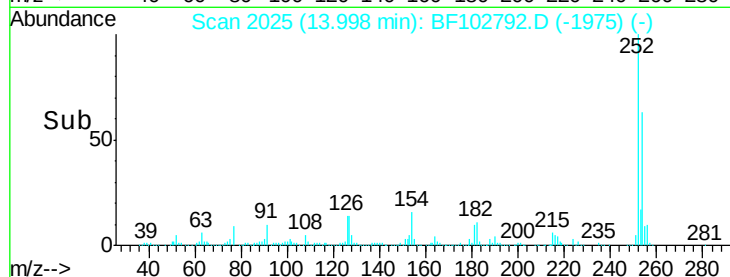
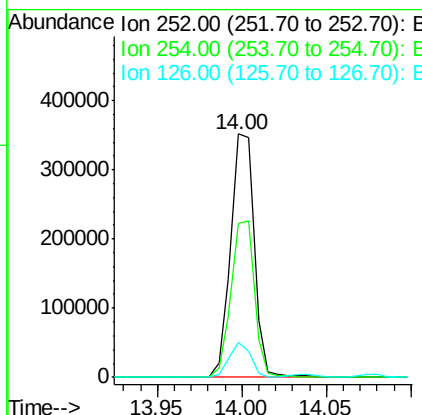
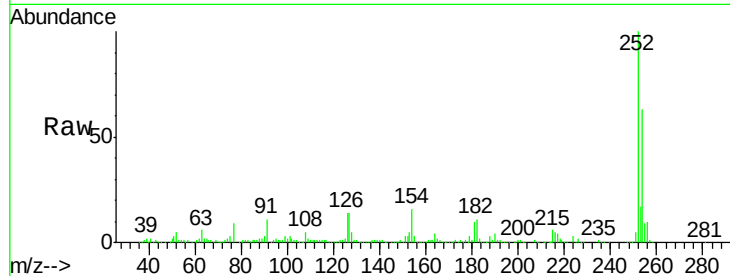
#81
 3,3'-Dichlorobenzidine
 Concen: 43.428 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF102792.D
 Acq: 6 Feb 2018 18:56

Instrument :
 BNA_F
 ClientSampleId :
 LW-01-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	341301		
254	63.2	50.4	75.6	
126	14.4	11.3	16.9	

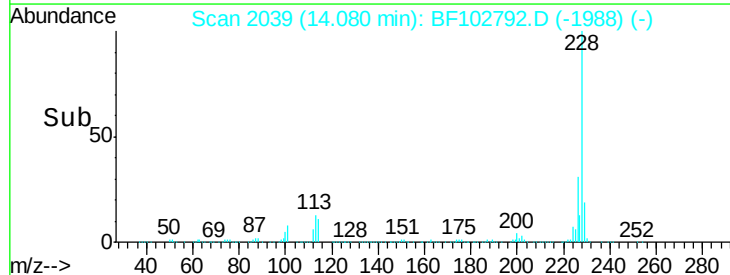
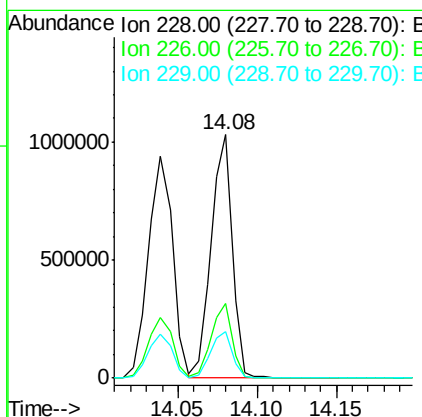
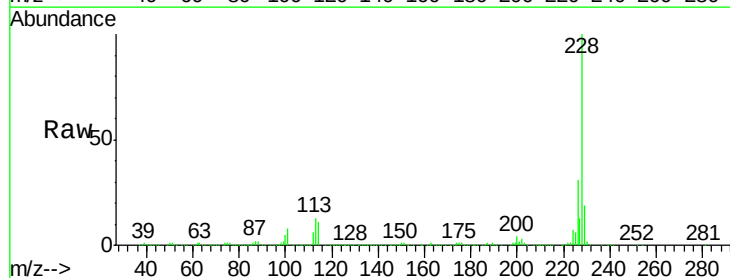
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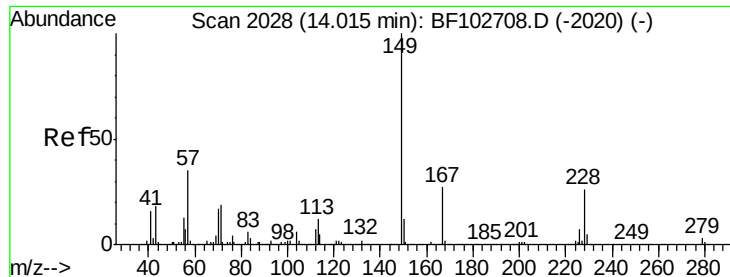
Sohil
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#82
 Chrysene
 Concen: 44.871 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. 0.00 min
 Lab File: BF102792.D
 Acq: 6 Feb 2018 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	958753		
226	30.7	25.0	37.6	
229	19.3	16.2	24.4	





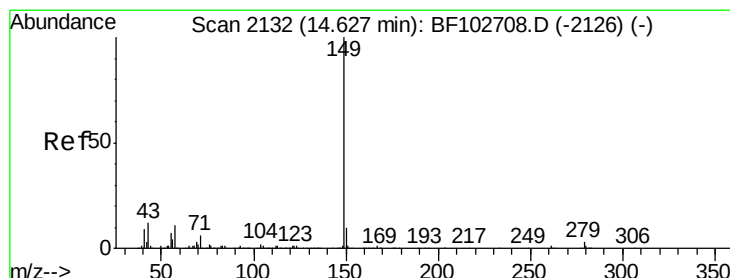
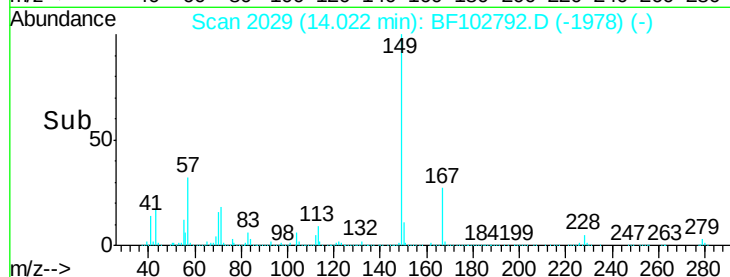
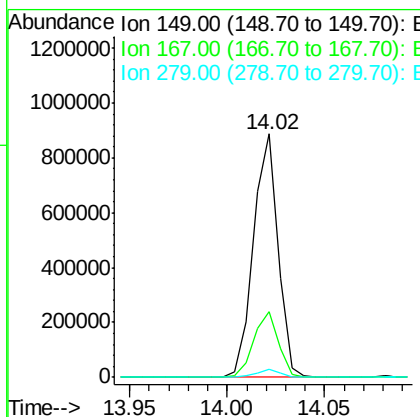
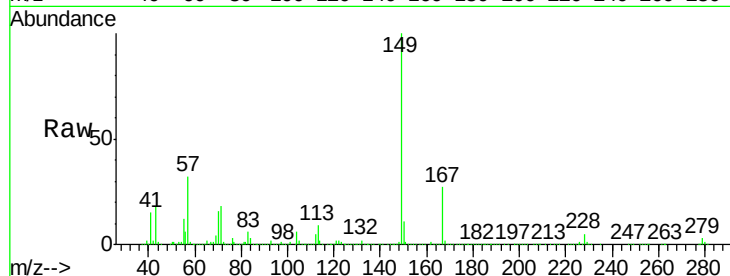
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.620 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.00 min
 Lab File: BF102792.D
 Acq: 6 Feb 2018 18:56

Instrument :
 BNA_F
 ClientSampleId :
 LW-01-BMSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.3	31.9
279	3.3	3.0	4.4

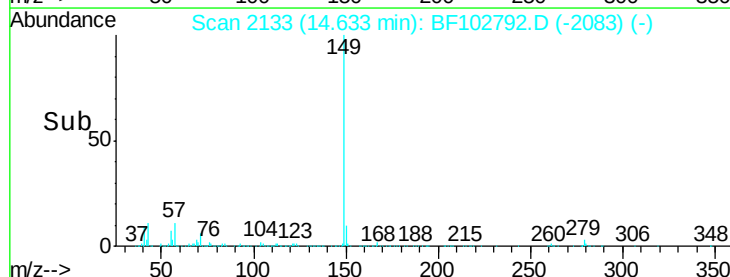
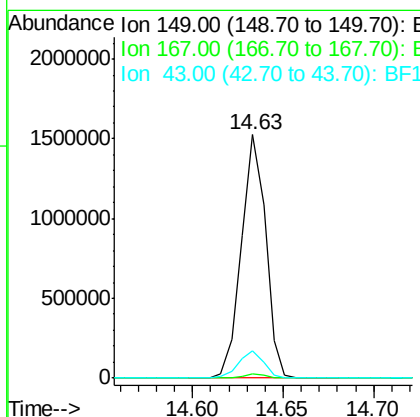
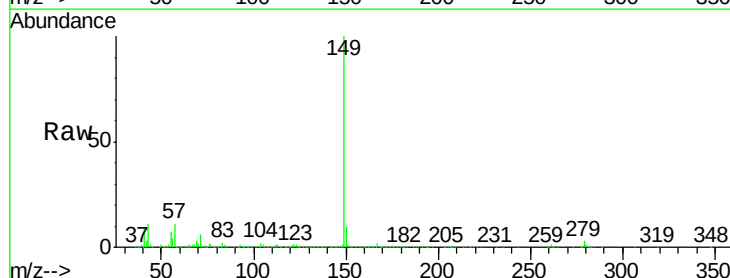
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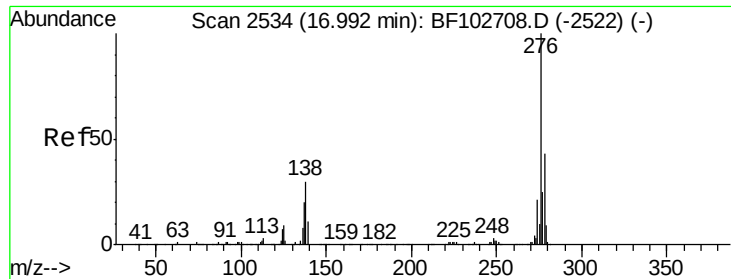
Sohil
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#84
 Di-n-octyl phthalate
 Concen: 58.656 ng
 RT: 14.63 min Scan# 2133
 Delta R.T. -0.01 min
 Lab File: BF102792.D
 Acq: 6 Feb 2018 18:56

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.0	8.4	12.6





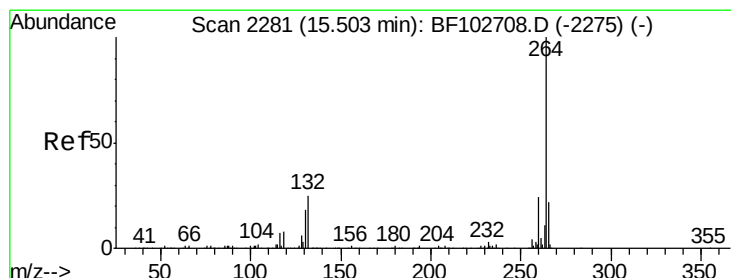
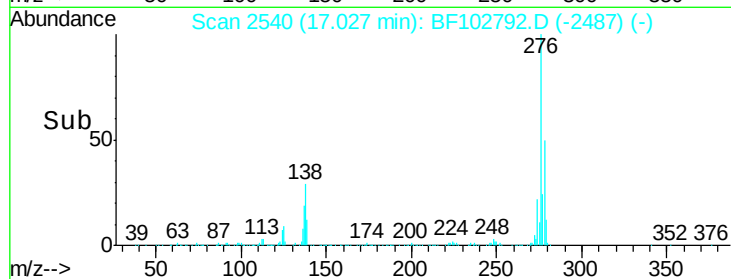
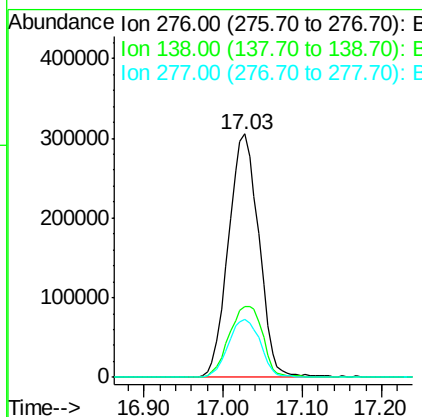
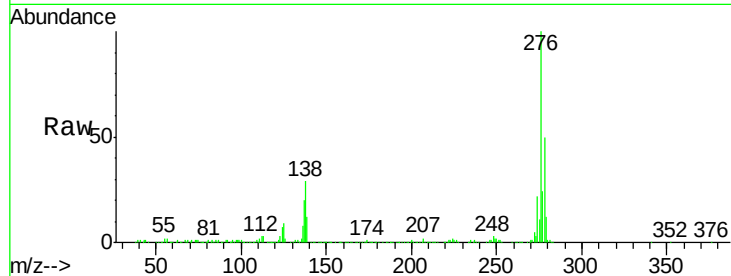
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.932 ng
 RT: 17.03 min Scan# 2540
 Delta R.T. 0.01 min
 Lab File: BF102792.D
 Acq: 6 Feb 2018 18:56

Instrument :
 BNA_F
 ClientSampleId :
 LW-01-BMSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.9	25.0	37.6
277	25.3	20.1	30.1

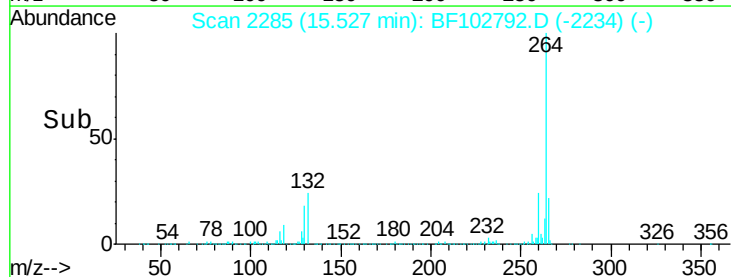
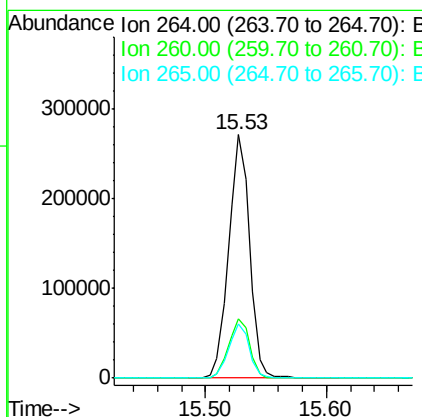
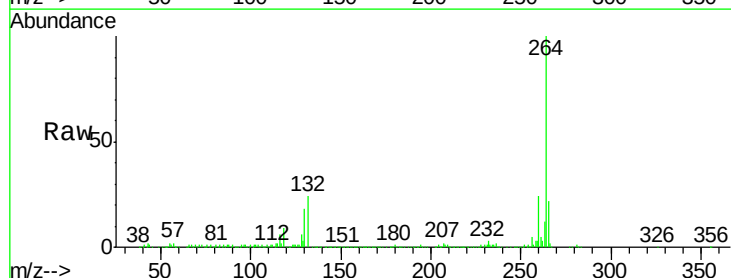
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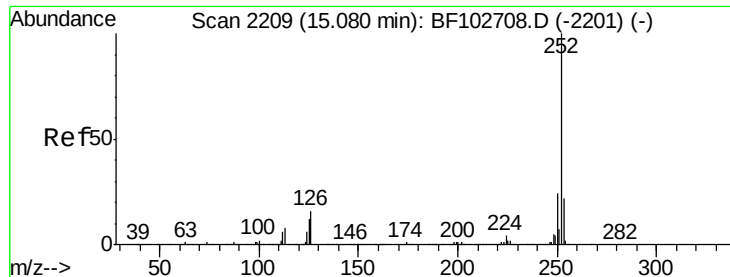
Sohil
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: BF102792.D
 Acq: 6 Feb 2018 18:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.1	17.5	26.3





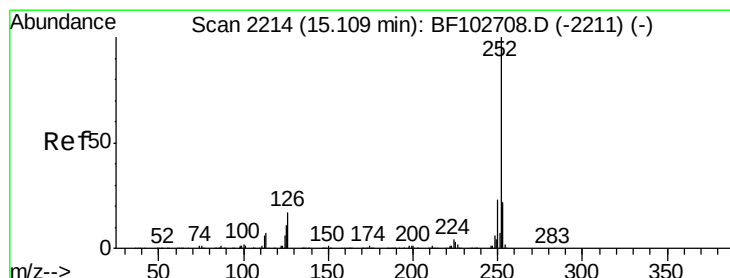
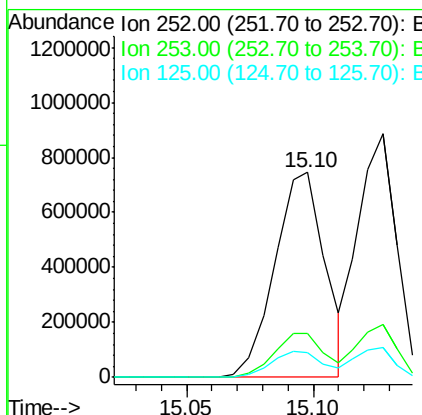
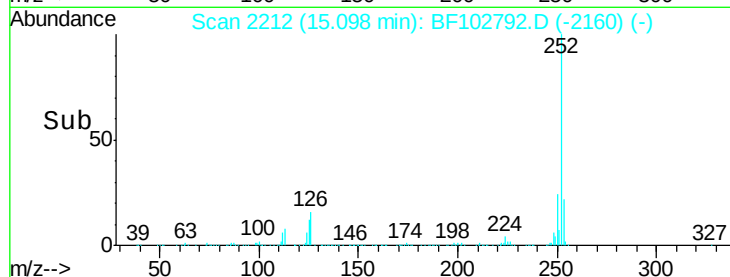
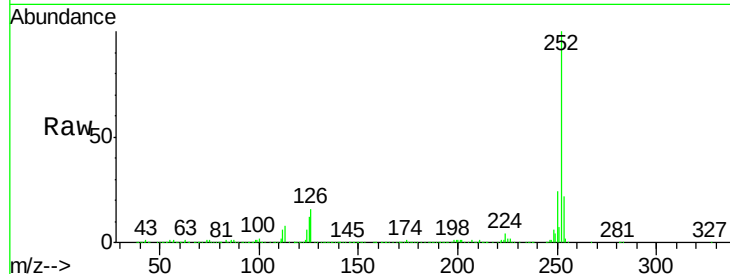
#87
Benzo(b)fluoranthene
Concen: 48.346 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF102792.D
Acq: 6 Feb 2018 18:56

Instrument :
BNA_F
ClientSampleId :
LW-01-BMSD

Tot Ion:252 Resp: 1030031
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.6
125 12.0 9.0 13.6

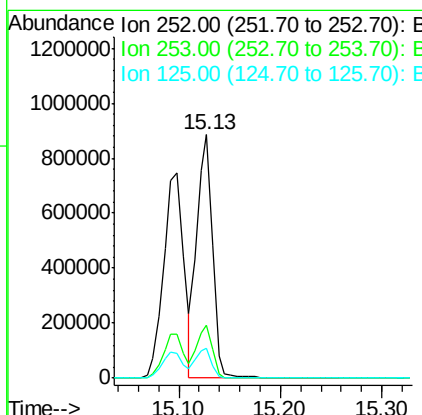
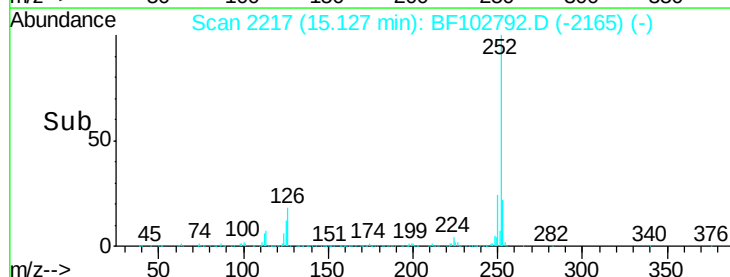
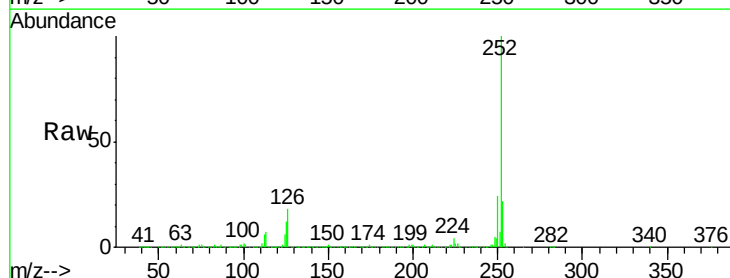
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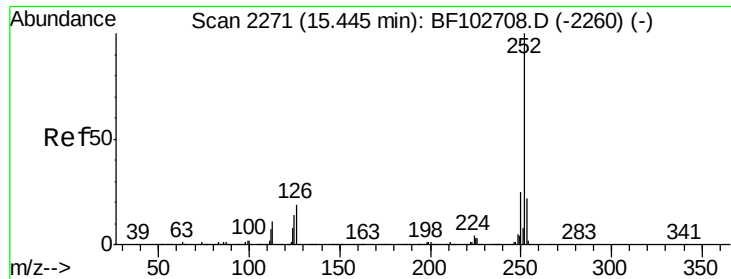
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#88
Benzo(k)fluoranthene
Concen: 46.653 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF102792.D
Acq: 6 Feb 2018 18:56

Tgt Ion:252 Resp: 949718
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 12.3 10.2 15.2





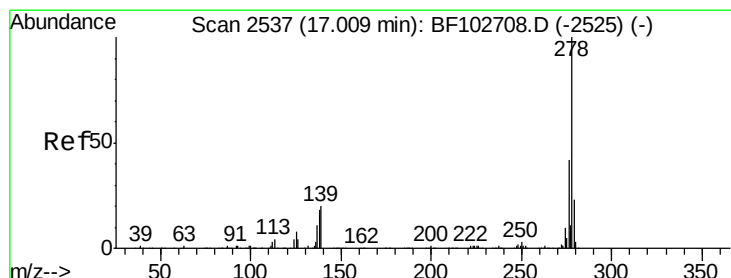
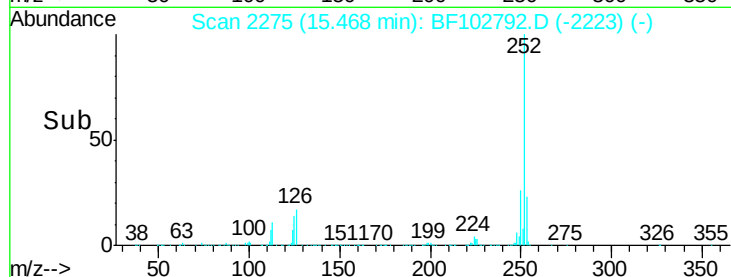
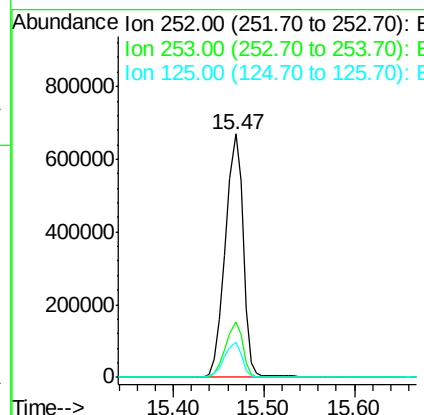
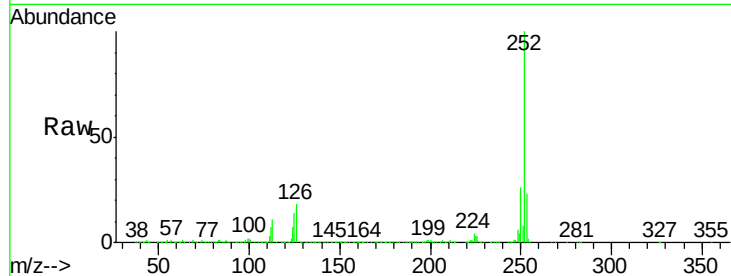
#89
Benzo(a)pyrene
Concen: 47.538 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF102792.D
Acq: 6 Feb 2018 18:56

Instrument :
BNA_F
ClientSampleId :
LW-01-BMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	14.3	9.8	14.6

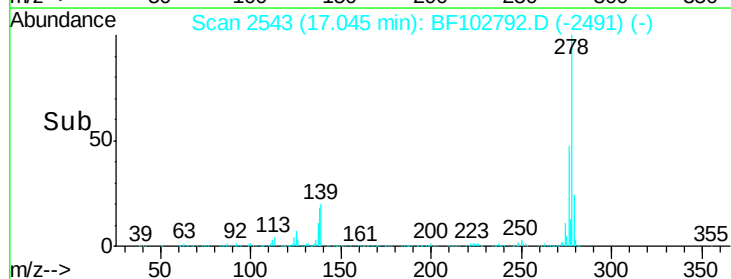
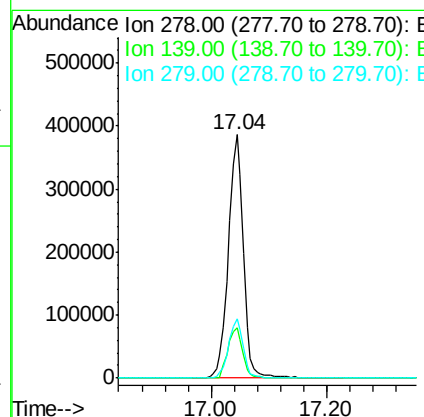
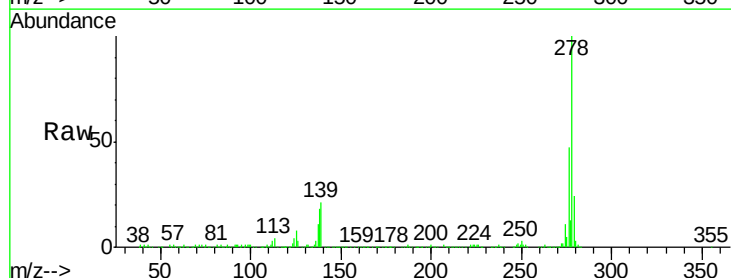
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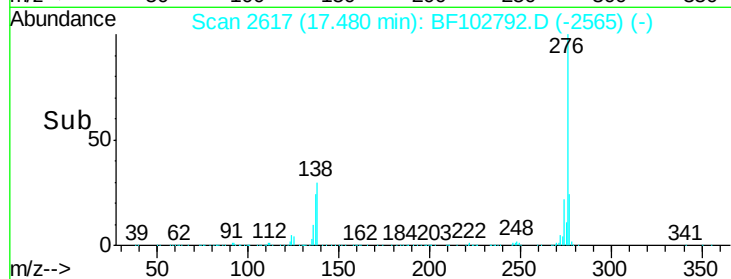
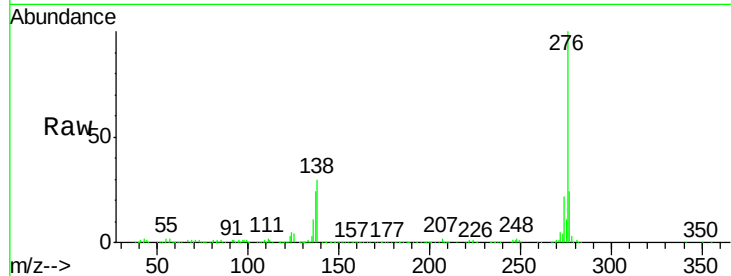
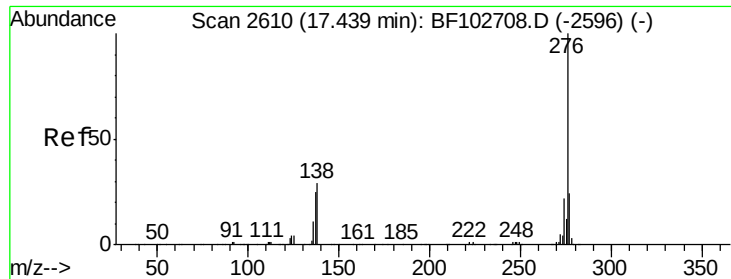
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#90
Dibenzo(a,h)anthracene
Concen: 44.926 ng
RT: 17.04 min Scan# 2543
Delta R.T. 0.01 min
Lab File: BF102792.D
Acq: 6 Feb 2018 18:56

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.6	15.9	23.9
279	24.3	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 43.457 ng
 RT: 17.48 min Scan# 2617
 Delta R.T. 0.01 min
 Lab File: BF102792.D
 Acq: 6 Feb 2018 18:56

Instrument :
 BNA_F
 ClientSampleId :
 LW-01-BMSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	17.9	26.9
138	29.7	21.8	32.8

Manual Integrations
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