

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020718\
 Data File : BF102816.D
 Acq On : 7 Feb 2018 15:36
 Operator : SJ/JU
 Sample : J1455-03MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LW-01-BMSD

Manual Integrations
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Sohil
 4/13/2018 4:48:39 PM

Quant Time: Apr 13 16:22:34 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 13 16:01:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	203683	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	865546	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	397294	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	684121	20.00	ng	0.01
75) Chrysene-d12	14.05	240	431679	20.00	ng	0.01
86) Perylene-d12	15.53	264	357112	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	815930	60.84	ng	0.01
7) Phenol-d6	6.50	99	628522	38.92	ng	0.00
23) Nitrobenzene-d5	7.45	82	1307262	104.77	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	448682	140.31	ng	0.01
44) 2-Fluorobiphenyl	9.25	172	2030208	84.79	ng	0.00
78) Terphenyl-d14	13.00	244	1828692	100.30	ng	0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.69	88	104664	15.800	ng	88
3) Pyridine	3.48	79	213537	11.667	ng	89
4) n-Nitrosodimethylamine	3.40	42	139005	17.751	ng	98
6) Aniline	6.55	93	469415	19.683	ng	98
8) 2-Chlorophenol	6.67	128	516893	37.435	ng	96
9) Benzaldehyde	6.43	77	210733	17.572	ng	96
10) Phenol	6.52	94	253345	14.724	ng	97
11) bis(2-Chloroethyl)ether	6.62	93	621007	43.123	ng	90
12) 1,3-Dichlorobenzene	6.82	146	617512	38.620	ng	97
13) 1,4-Dichlorobenzene	6.90	146	623332	39.135	ng	99
14) 1,2-Dichlorobenzene	7.06	146	577123	38.902	ng	97
15) Benzyl Alcohol	7.02	79	356667	28.727	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1137509	41.581	ng	98
17) 2-Methylphenol	7.13	107	376778	29.583	ng	99
18) Hexachloroethane	7.39	117	223552	40.930	ng	92
19) n-Nitroso-di-n-propylamine	7.30	70	455032	42.737	ng	95
20) 3+4-Methylphenols	7.28	107	382485	24.352	ng	# 76
22) Acetophenone	7.29	105	867468	40.955	ng	95
24) Nitrobenzene	7.47	77	688940	46.945	ng	97
25) Isophorone	7.70	82	1304518	45.405	ng	99
26) 2-Nitrophenol	7.78	139	356289	57.088	ng	99
27) 2,4-Dimethylphenol	7.82	122	530133	43.675	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	808846	47.524	ng	98
29) 2,4-Dichlorophenol	8.02	162	498053	45.137	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	500064	40.060	ng	98
31) Naphthalene	8.19	128	1731817	40.952	ng	99
32) Benzoic acid	7.89	122	119063	21.269	ng	99
33) 4-Chloroaniline	8.23	127	404704	22.215	ng	98
34) Hexachlorobutadiene	8.30	225	238524	37.290	ng	98
35) Caprolactam	8.62	113	28454m	7.425	ng	
36) 4-Chloro-3-methylphenol	8.70	107	516004	41.620	ng	98
37) 2-Methylnaphthalene	8.88	142	1173563	42.387	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	448153	41.428	ng	99
40) Hexachlorocyclopentadiene	9.03	237	420618	81.793	ng	96

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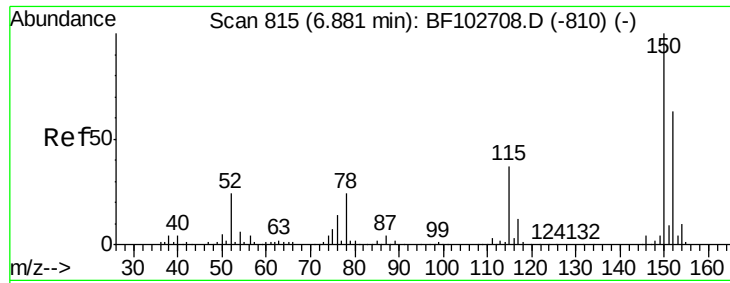
Manual Integrations
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 4/13/2018 4:48:39 PM

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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	344847	48.534	nq	99
43) 2,4,5-Trichlorophenol	9.19	196	369160	46.097	nq	98
45) 1,1'-Biphenyl	9.35	154	1353680	40.453	nq	100
46) 2-Chloronaphthalene	9.37	162	1105908	41.979	nq	99
47) 2-Nitroaniline	9.46	65	422886	51.729	nq	88
48) Acenaphthylene	9.79	152	1653678	40.415	nq	98
49) Dimethylphthalate	9.65	163	1345629	43.438	nq	99
50) 2,6-Dinitrotoluene	9.71	165	311318	52.823	nq	96
51) Acenaphthene	9.96	154	1010622	41.301	nq	99
52) 3-Nitroaniline	9.87	138	208795	28.792	nq	98
53) 2,4-Dinitrophenol	9.99	184	298812	115.235	nq #	21
54) Dibenzofuran	10.13	168	1496177	43.387	nq	98
55) 4-Nitrophenol	10.03	139	198097	35.593	nq	91
56) 2,4-Dinitrotoluene	10.11	165	417238	52.480	nq #	95
57) Fluorene	10.47	166	1092948	43.561	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	283277	51.036	nq #	98
59) Diethylphthalate	10.35	149	1304449	42.646	nq	98
60) 4-Chlorophenyl-phenylether	10.46	204	492786	44.399	nq	98
61) 4-Nitroaniline	10.50	138	327788	47.488	nq	89
62) Azobenzene	10.63	77	1294552	42.365	nq	95
64) 4,6-Dinitro-2-methylphenol	10.52	198	195327	62.481	nq	92
65) n-Nitrosodiphenylamine	10.59	169	1045221	43.314	nq	100
66) 4-Bromophenyl-phenylether	10.96	248	321918	44.484	nq	91
67) Hexachlorobenzene	11.02	284	345294	43.251	nq	92
68) Atrazine	11.12	200	316714	44.489	nq	99
69) Pentachlorophenol	11.22	266	377278	80.504	nq	99
70) Phenanthrene	11.44	178	1619765	42.512	nq	98
71) Anthracene	11.49	178	1688863	43.581	nq	99
72) Carbazole	11.65	167	1582135	41.673	nq	99
73) Di-n-butylphthalate	11.97	149	1989435	43.138	nq	100
74) Fluoranthene	12.63	202	1608828	41.969	nq	99
76) Benzidine	12.74	184	183573	9.253	nq	97
77) Pyrene	12.86	202	1644452	48.580	nq	100
79) Butylbenzylphthalate	13.47	149	803113	49.566	nq	95
80) Benzo(a)anthracene	14.04	228	1262523	46.504	nq	100
81) 3,3'-Dichlorobenzidine	14.00	252	288511	28.662	nq	98
82) Chrysene	14.08	228	1201260	43.894	nq	100
83) Bis(2-ethylhexyl)phthalate	14.02	149	1017562	49.071	nq	100
84) Di-n-octyl phthalate	14.63	149	1570458	50.438	nq	99
85) Indeno(1,2,3-cd)pyrene	17.03	276	1148715	50.609	nq	99
87) Benzo(b)fluoranthene	15.09	252	1117849	48.281	nq	98
88) Benzo(k)fluoranthene	15.13	252	960332	43.410	nq	98
89) Benzo(a)pyrene	15.47	252	983824	47.207	nq	98
90) Dibenzo(a,h)anthracene	17.04	278	940705	55.612	nq	99
91) Benzo(g,h,i)perylene	17.49	276	1020077	61.611	nq	98

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



#1

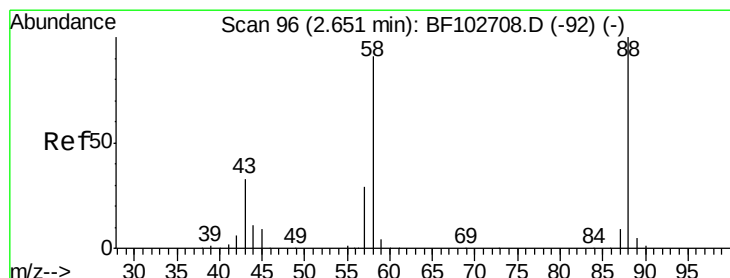
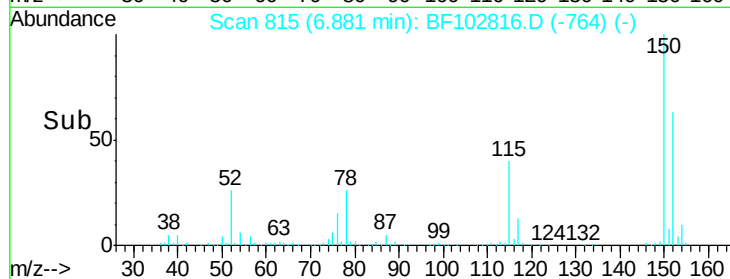
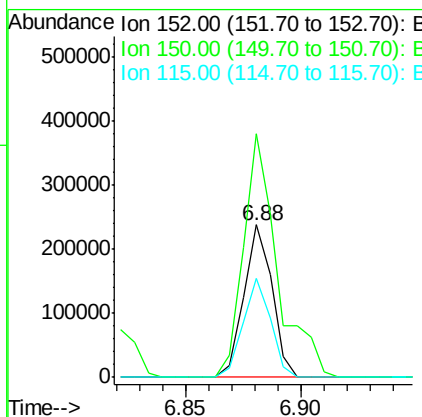
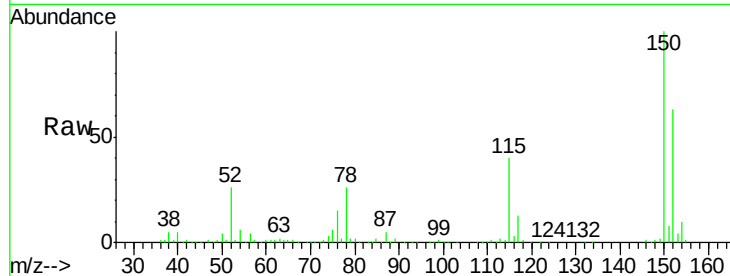
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

Instrument :
BNA_F
ClientSampled :
LW-01-BMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	124.6	186.8
115	64.4	50.1	75.1

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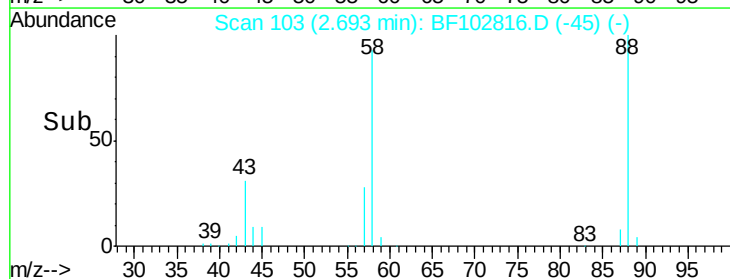
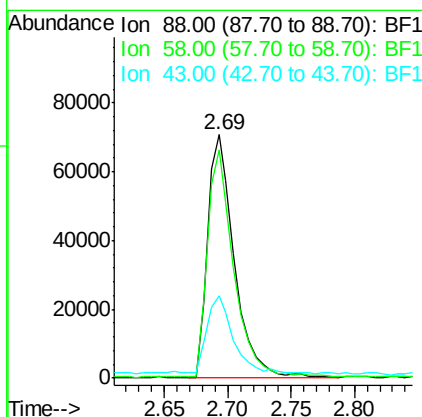
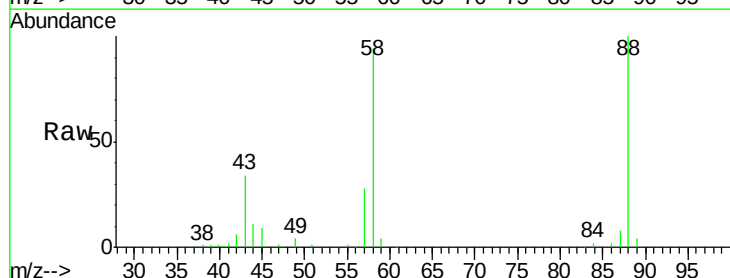
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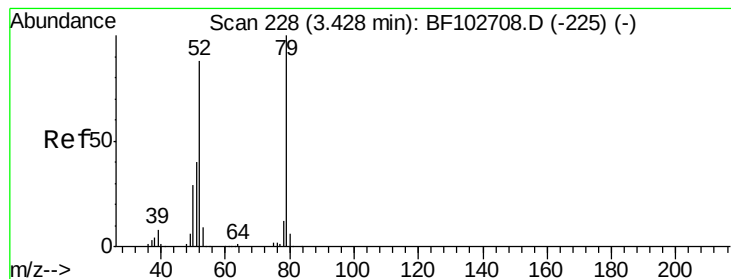


#2

1,4-Dioxane
Concen: 15.800 ng
RT: 2.69 min Scan# 103
Delta R.T. 0.04 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	91.7	62.6	93.8
43	32.7	24.6	37.0





#3

Pvridine

Concen: 11.667 ng

RT: 3.48 min Scan# 237

Delta R.T. 0.05 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

Instrument :

BNA_F

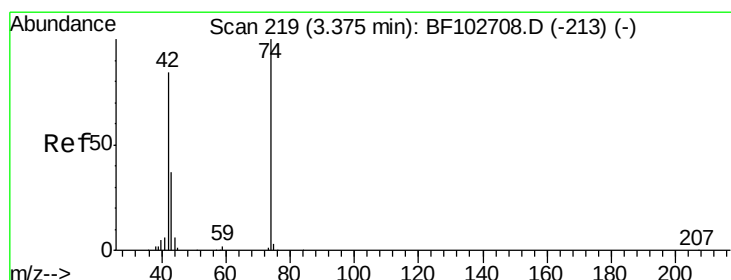
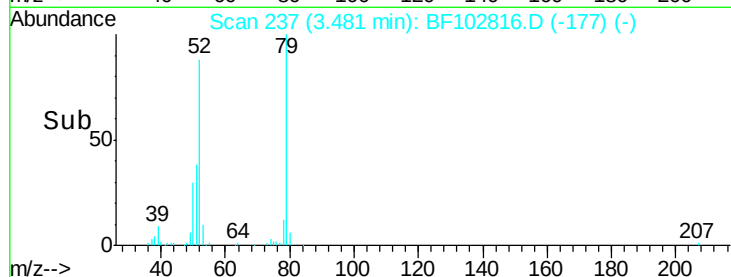
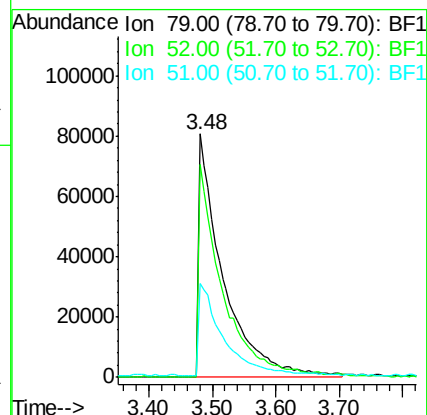
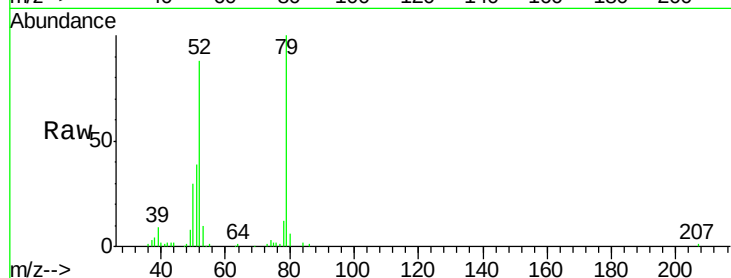
ClientSampleId :

LW-01-BMSD

Tot Ion:	79	Resp:	213537
Ion Ratio	Lower	Upper	
79	100		
52	87.7	59.8	89.6
51	38.8	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 17.751 ng

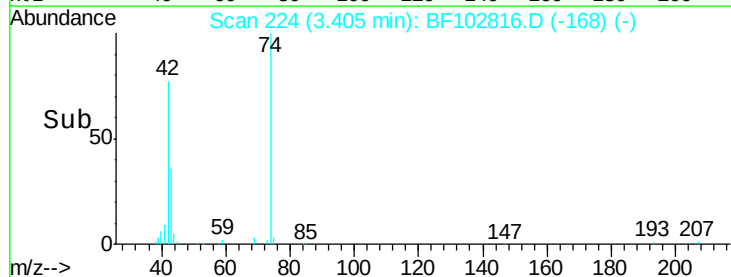
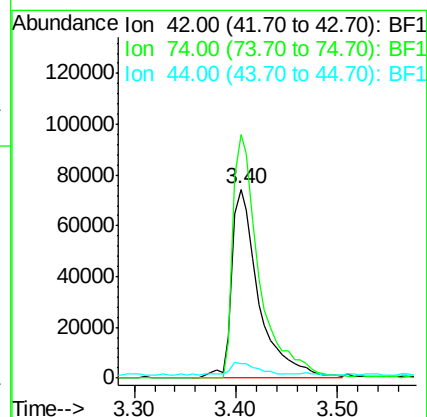
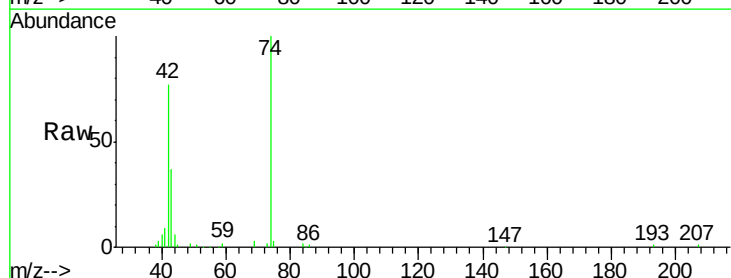
RT: 3.40 min Scan# 224

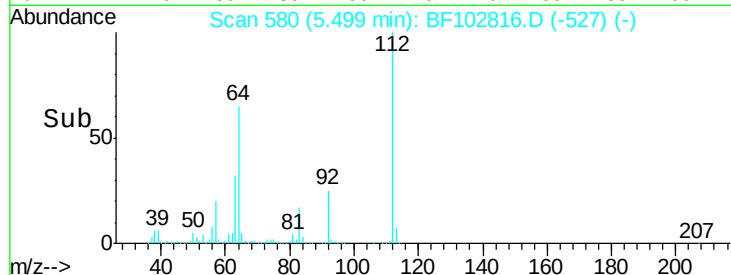
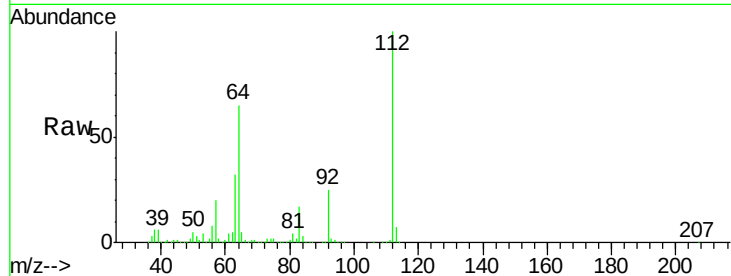
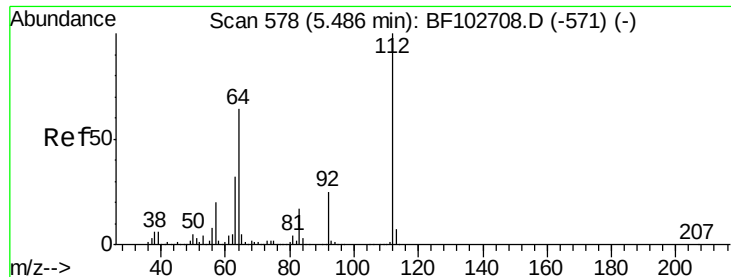
Delta R.T. 0.03 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

Tgt Ion:	42	Resp:	139005
Ion Ratio	Lower	Upper	
42	100		
74	129.1	104.9	157.3
44	7.8	6.9	10.3





#5

2-Fluorophenol

Concen: 60.836 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

Tot Ion:	112	Resp:	815930
Ion Ratio	Lower	Upper	
112	100		
64	64.9	47.9	71.9
63	32.3	23.7	35.5

Instrument :

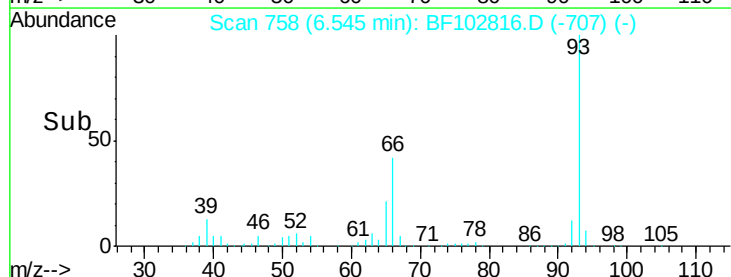
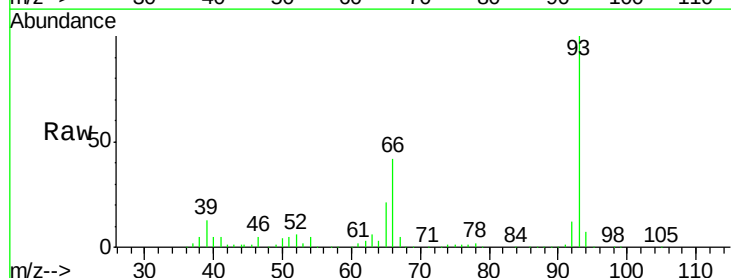
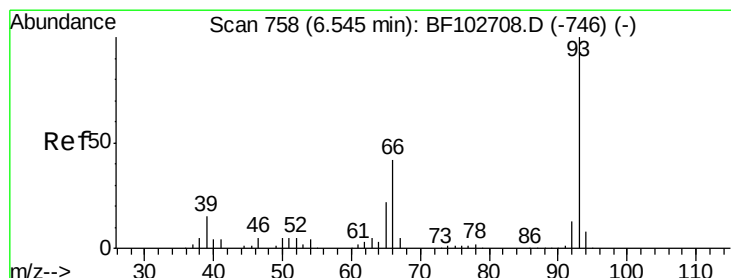
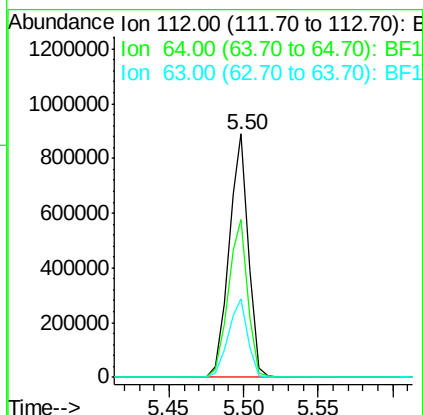
BNA_F

ClientSampleId :

LW-01-BMSD

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#6

Aniline

Concen: 19.683 ng

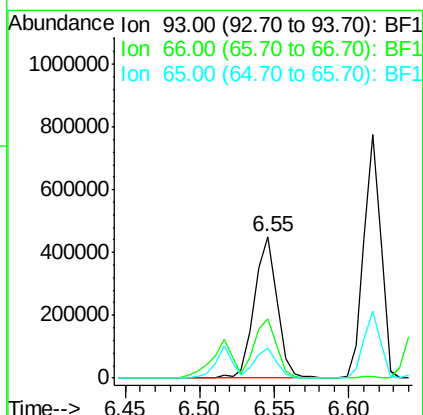
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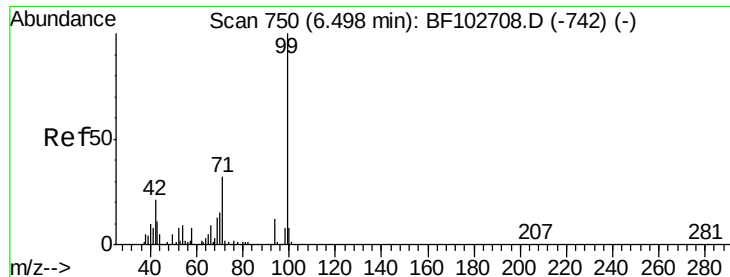
Delta R.T. 0.00 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

Tgt Ion:	93	Resp:	469415
Ion Ratio	Lower	Upper	
93	100		
66	41.8	32.2	48.2
65	21.3	16.4	24.6





#7

Phenol-d6

Concen: 38.920 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

Instrument :

BNA_F

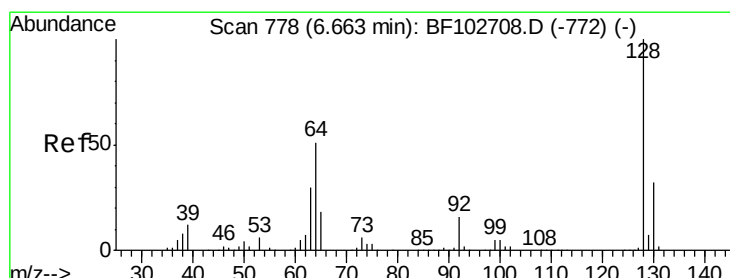
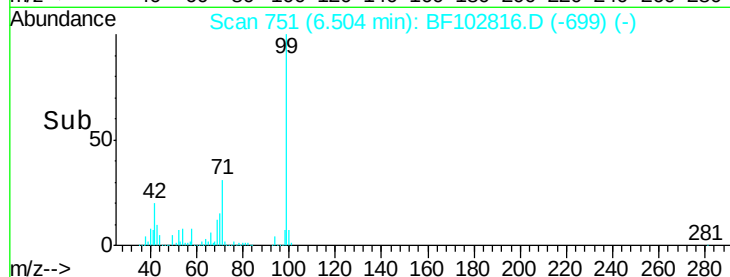
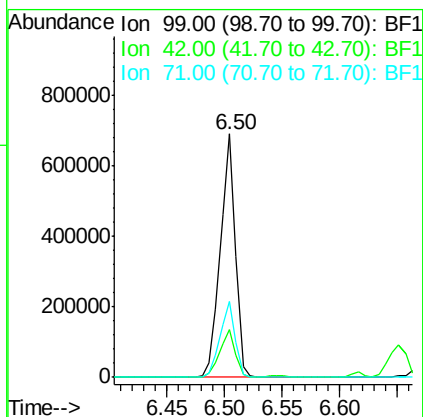
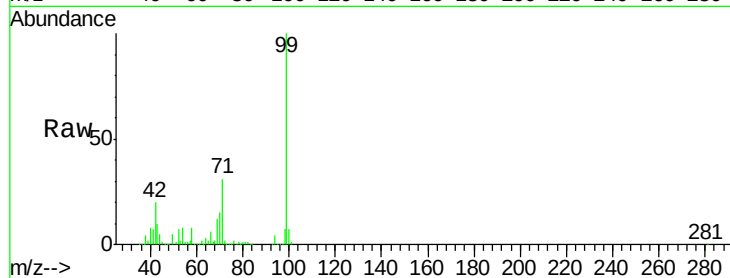
ClientSampleId :

LW-01-BMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		628522		
42	19.8	14.5	21.7		
71	31.3	25.4	38.0		

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#8

2-Chlorophenol

Concen: 37.435 ng

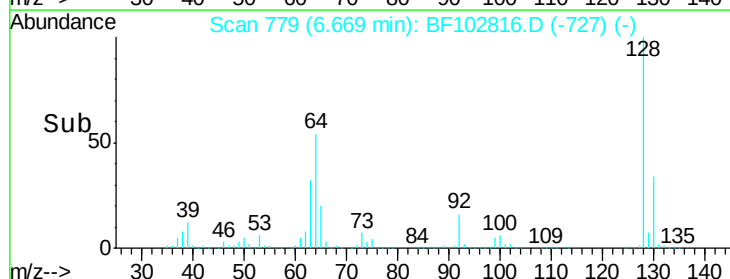
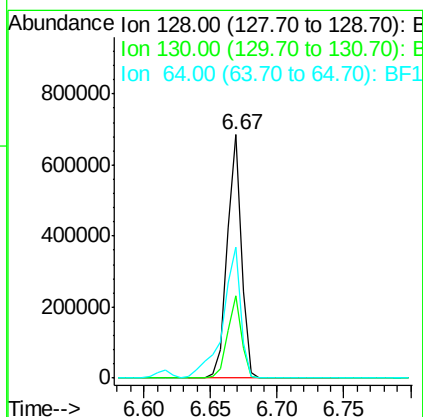
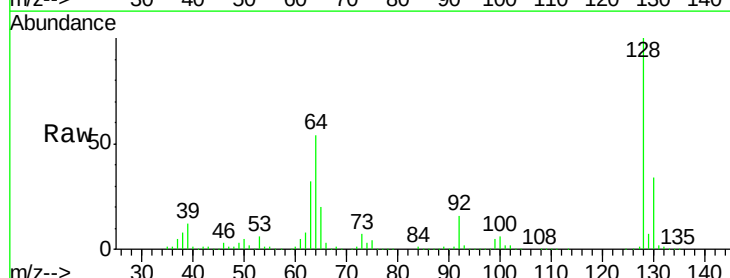
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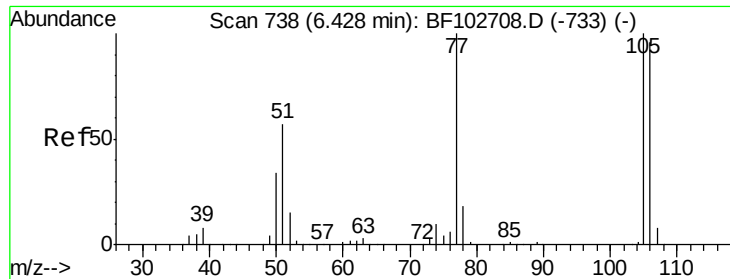
Delta R.T. 0.01 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		516893		
130	33.7	13.0	53.0		
64	53.7	29.4	69.4		





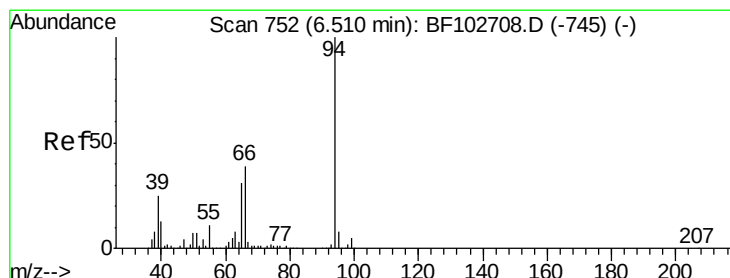
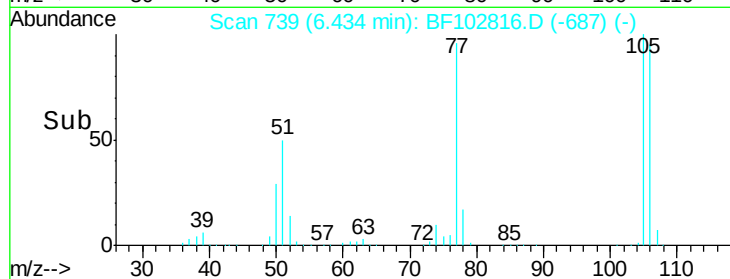
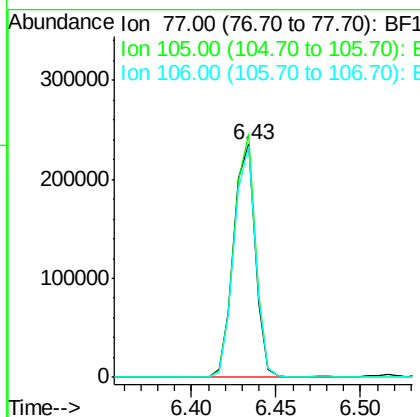
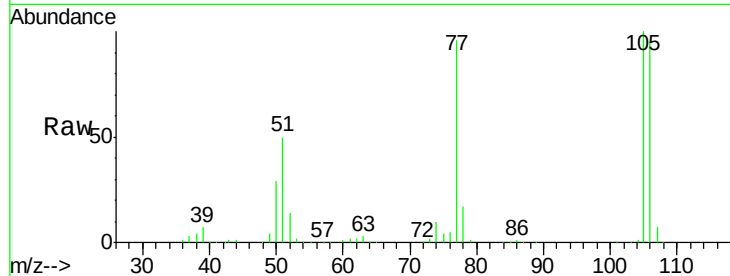
#9
Benzaldehyde
Concen: 17.572 ng
RT: 6.43 min Scan# 739
Delta R.T. 0.01 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

Instrument :
BNA_F
ClientSampleId :
LW-01-BMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	104.3	81.1	121.1		
106	99.2	74.5	114.5		

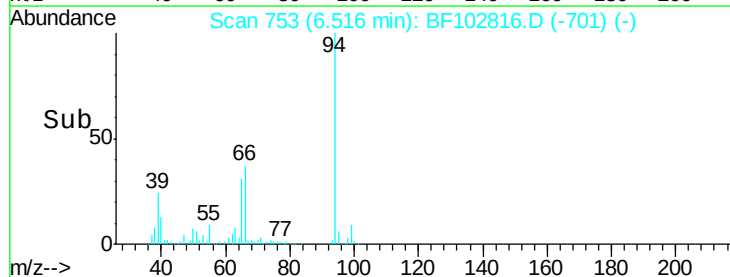
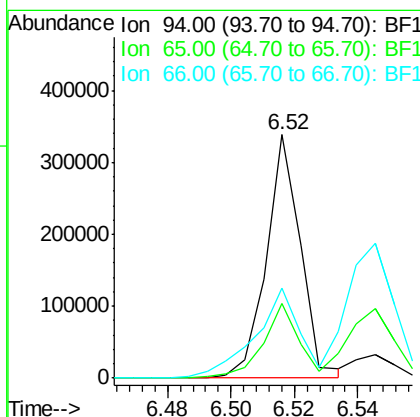
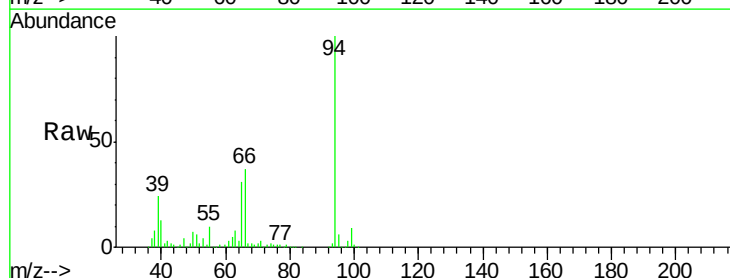
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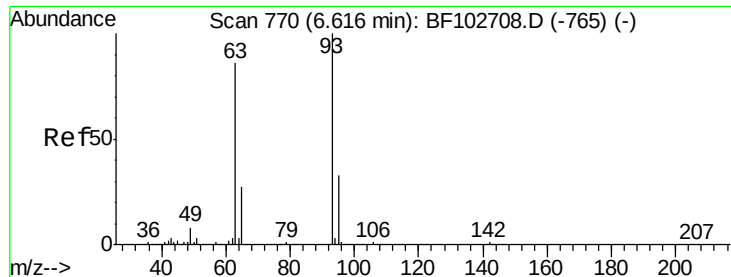
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#10
Phenol
Concen: 14.724 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.01 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	30.5	7.9	47.9		
66	36.9	16.2	56.2		





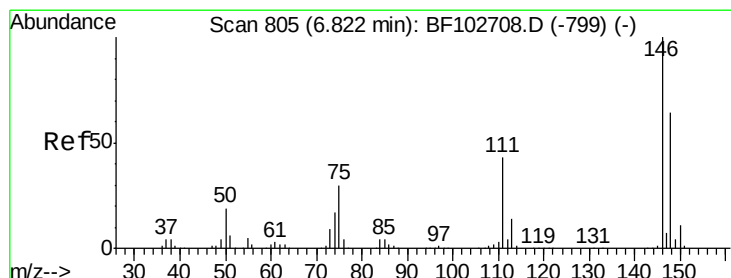
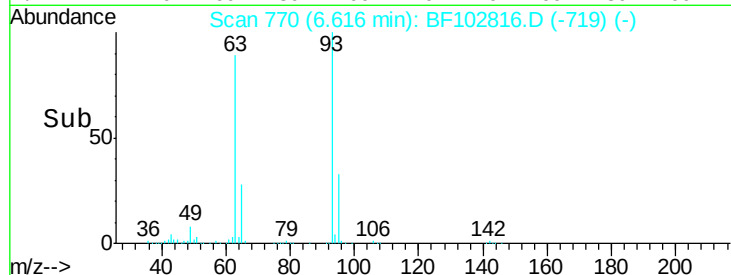
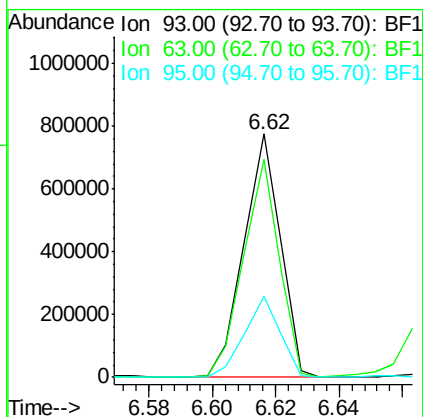
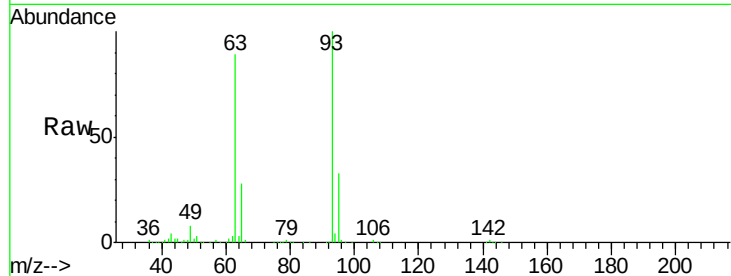
#11
bis(2-Chloroethyl)ether
Concen: 43.123 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

Instrument :
BNA_F
ClientSampled :
LW-01-BMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.4	58.6	98.6
95	33.2	11.8	51.8

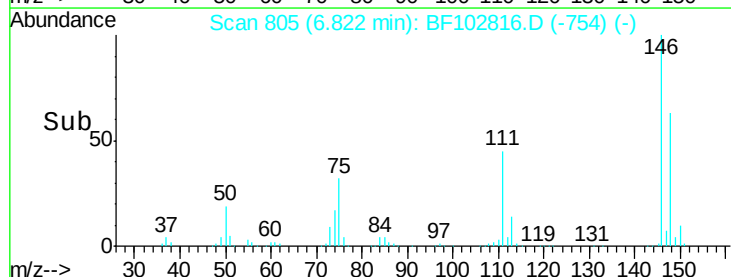
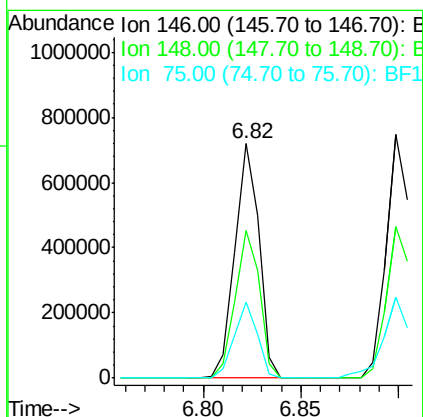
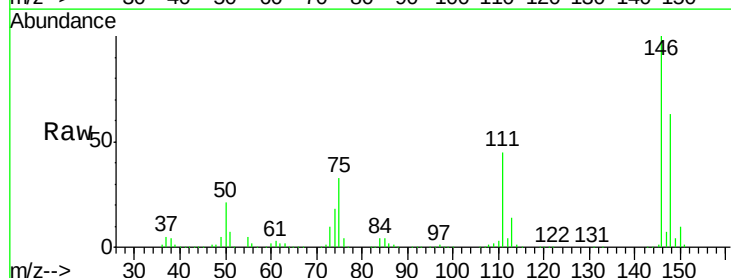
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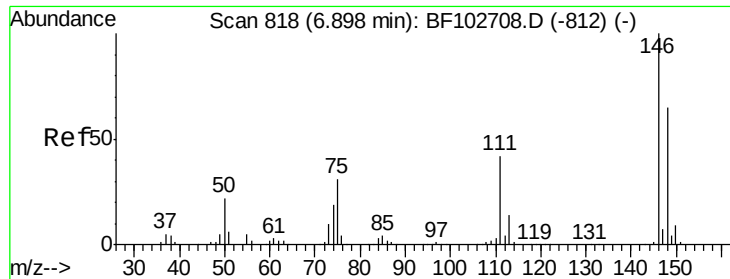
Sohil
4/13/2018 4:48:39 PM



#12
1,3-Dichlorobenzene
Concen: 38.620 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.8	77.8
75	32.7	24.2	36.4





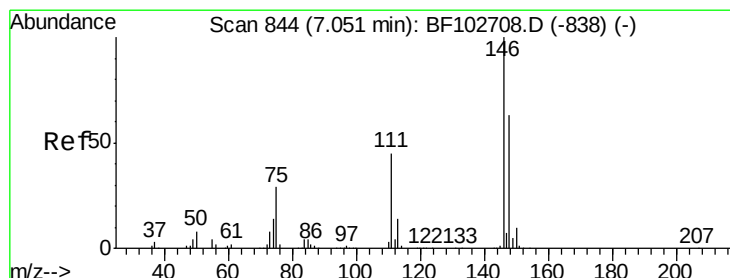
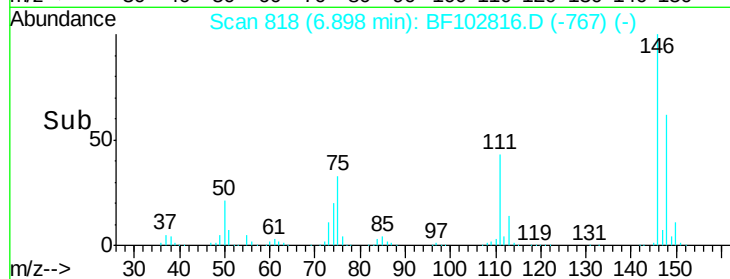
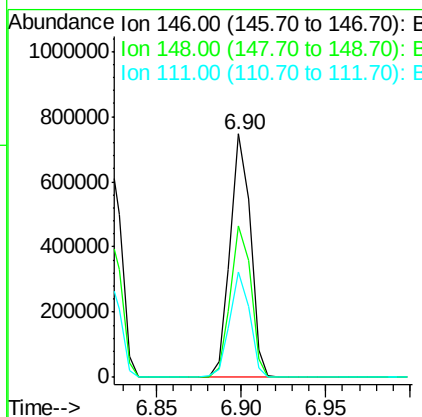
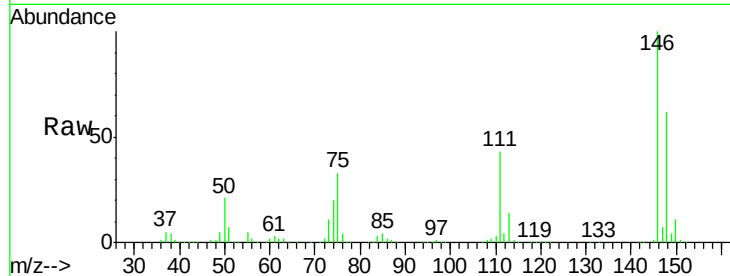
#13
 1,4-Dichlorobenzene
 Concen: 39.135 ng
 RT: 6.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF102816.D
 Acq: 7 Feb 2018 15:36

Instrument :
 BNA_F
 ClientSampled :
 LW-01-BMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.4	50.8	76.2
111	43.3	34.2	51.2

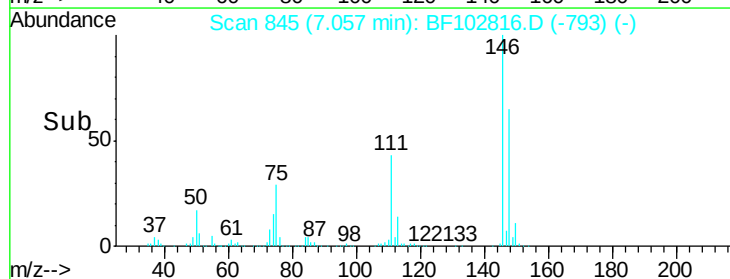
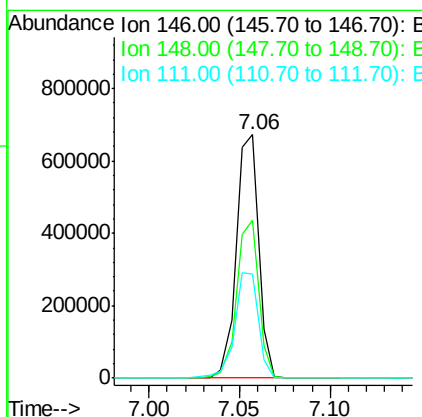
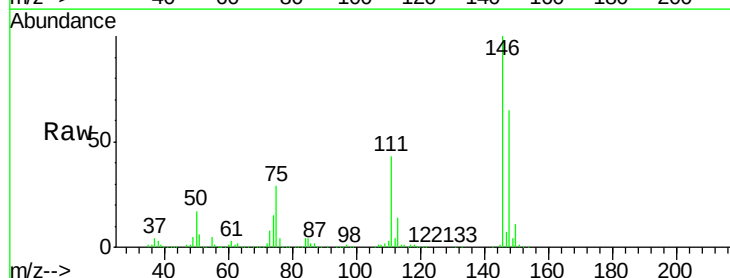
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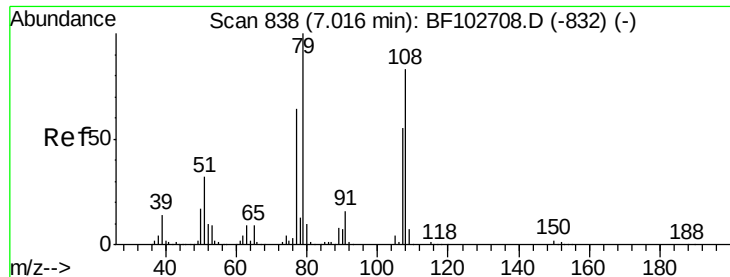
Sohil
 4/13/2018 4:48:39 PM



#14
 1,2-Dichlorobenzene
 Concen: 38.902 ng
 RT: 7.06 min Scan# 845
 Delta R.T. 0.01 min
 Lab File: BF102816.D
 Acq: 7 Feb 2018 15:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.6	75.8
111	42.8	36.0	54.0





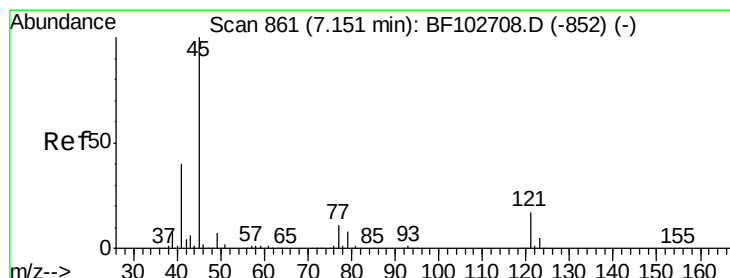
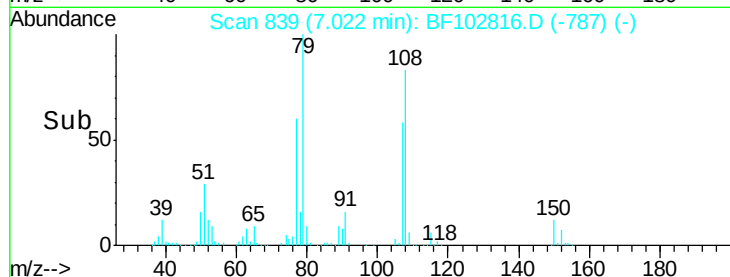
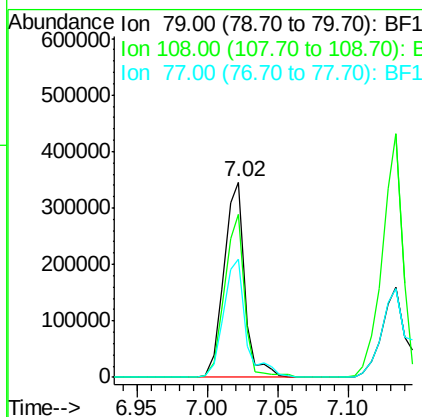
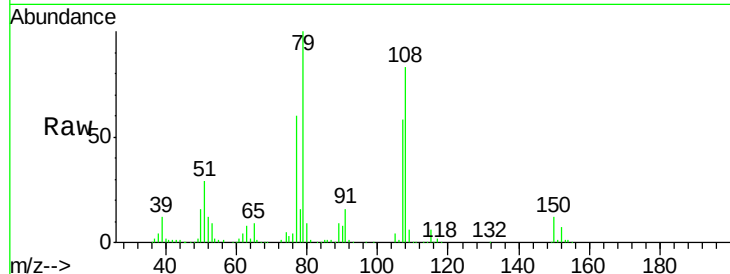
#15
Benzyl Alcohol
Concen: 28.727 ng
RT: 7.02 min Scan# 839
Delta R.T. 0.01 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

Instrument :
BNA_F
ClientSampleId :
LW-01-BMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	83.2	65.1	97.7
77	60.4	50.6	75.8

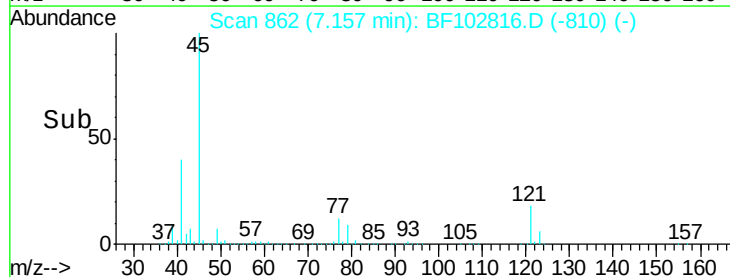
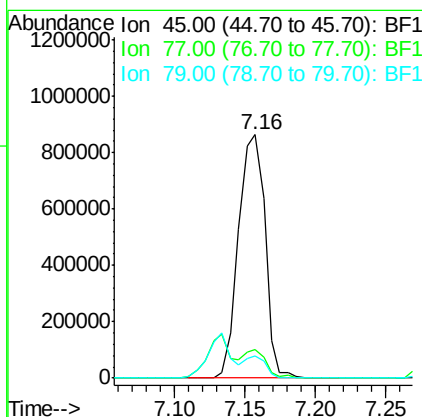
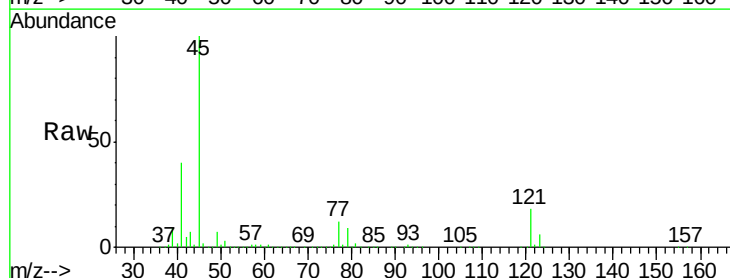
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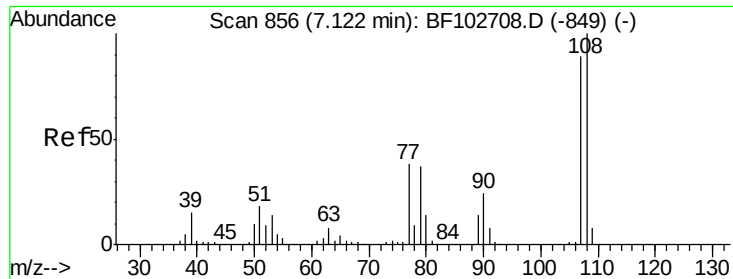
Sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.581 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.7	0.0	32.9
79	9.1	0.0	29.6





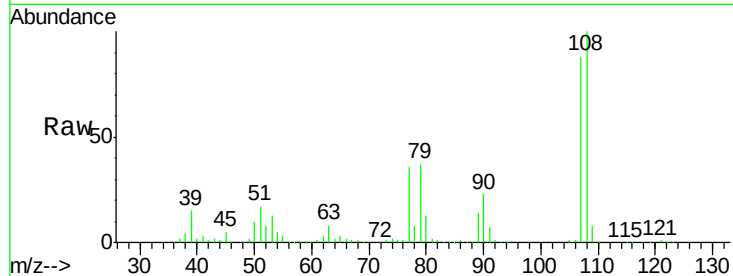
#17
2-Methylphenol
Concen: 29.583 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

Instrument :
BNA_F
ClientSampleId :
LW-01-BMSD

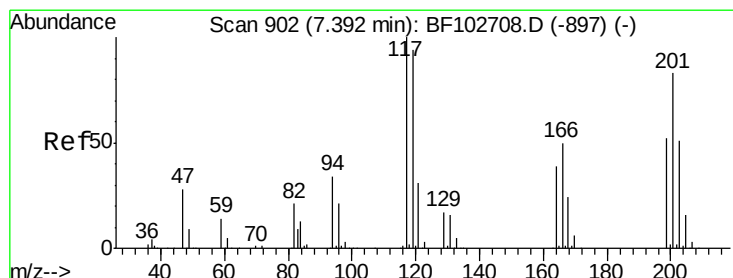
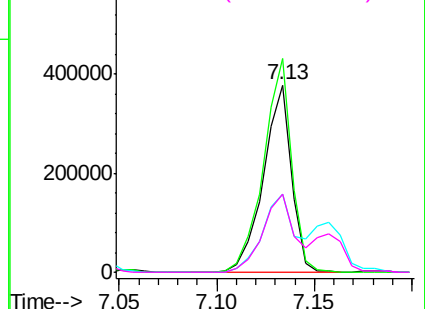
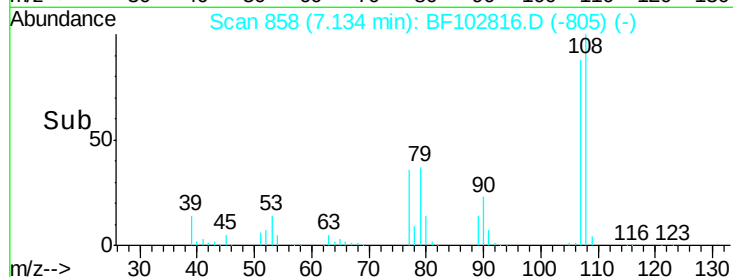
Tot Ion:	107	Resp:	376778
Ion Ratio	Lower	Upper	
107	100		
108	114.2	91.7	137.5
77	41.4	33.8	50.8
79	42.0	33.8	50.8

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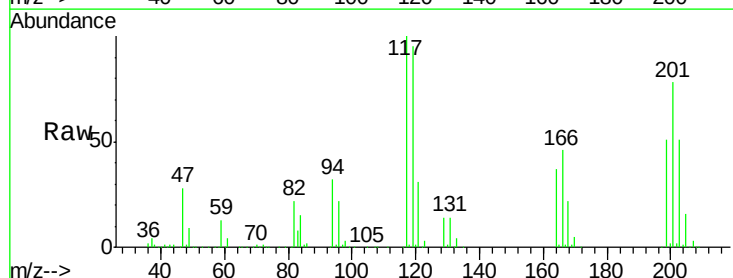


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

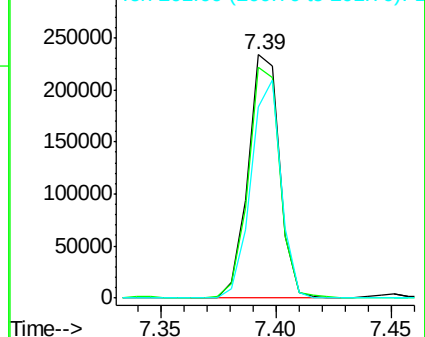
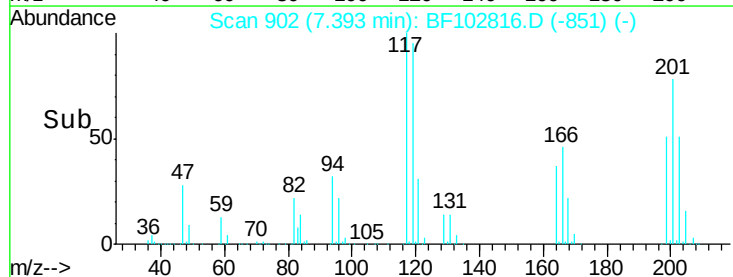


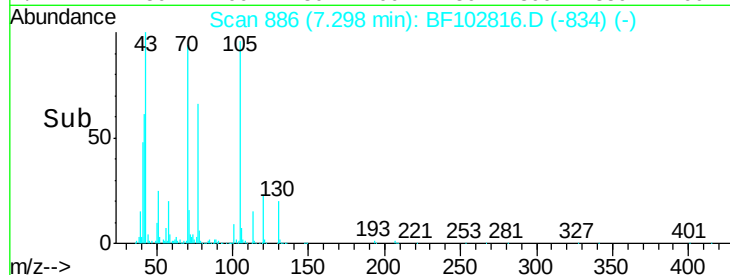
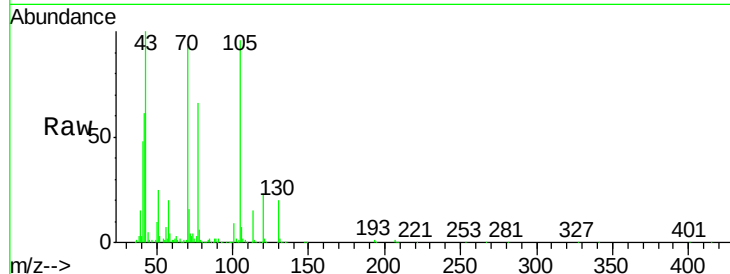
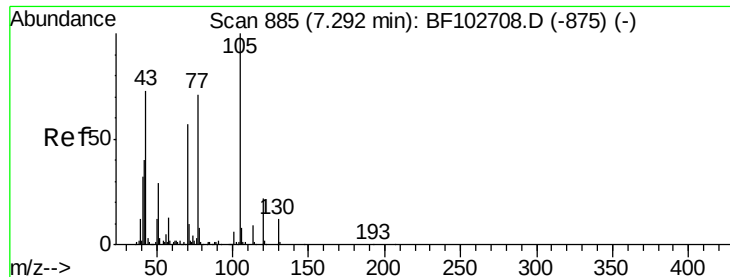
#18
Hexachloroethane
Concen: 40.930 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.00 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

Tgt Ion:	117	Resp:	223552
Ion Ratio	Lower	Upper	
117	100		
119	95.0	75.8	113.8
201	78.3	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





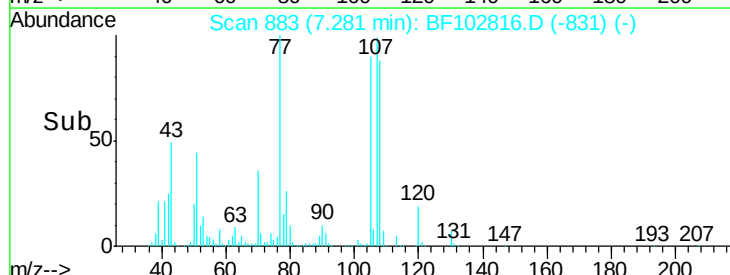
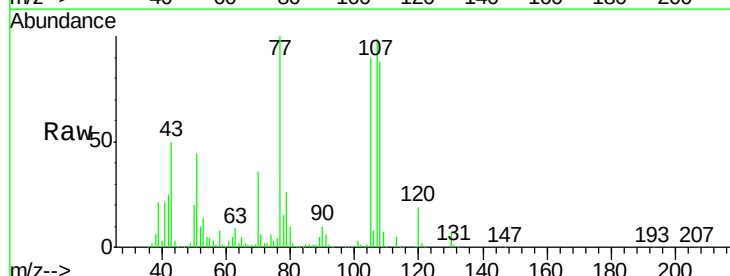
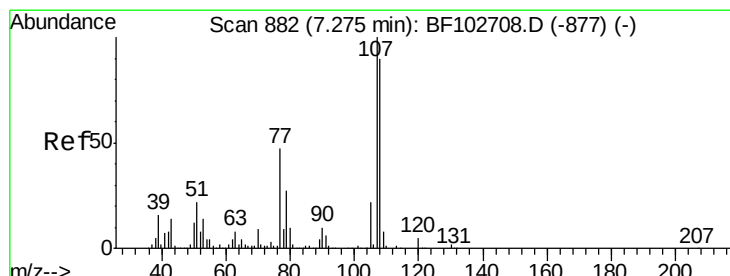
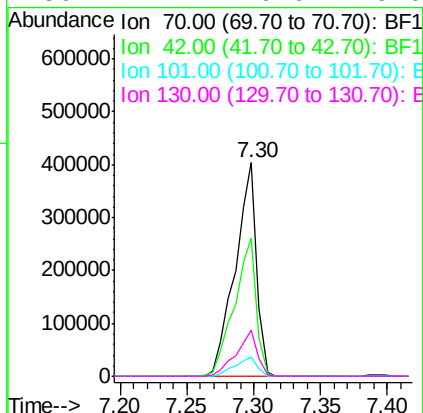
#19
n-Nitroso-di-n-propylamine
Concen: 42.737 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.01 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

Instrument :
BNA_F
ClientSampleId :
LW-01-BMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.5	47.5	71.3
101	9.2	7.4	11.2
130	21.7	16.6	25.0

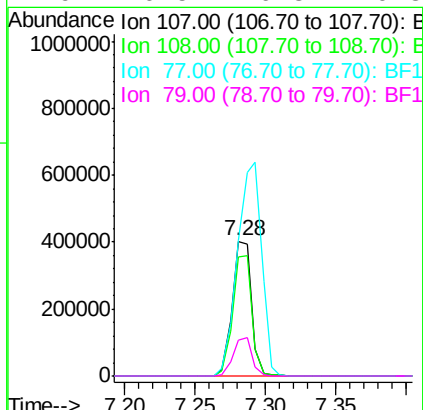
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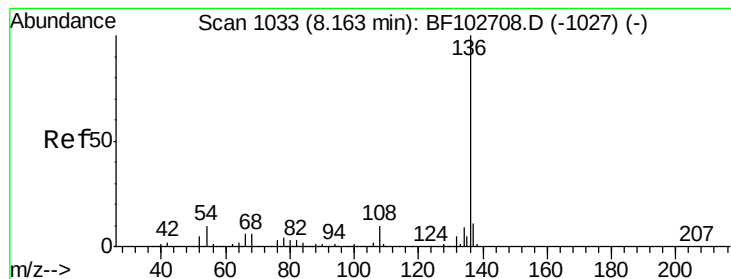
Sohil
4/13/2018 4:48:39 PM



#20
3+4-Methylphenols
Concen: 24.352 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.01 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.7	68.2	108.2
77	101.0	26.7	66.7#
79	26.5	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.01 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

Instrument :

BNA_F

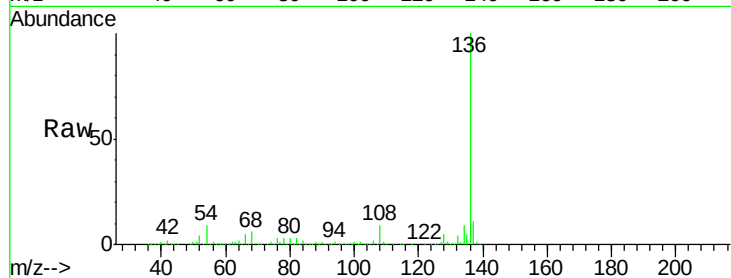
ClientSampled :

LW-01-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	865546		
137	10.7	8.9	13.3	
54	8.8	6.6	9.8	
68	5.9	5.0	7.4	

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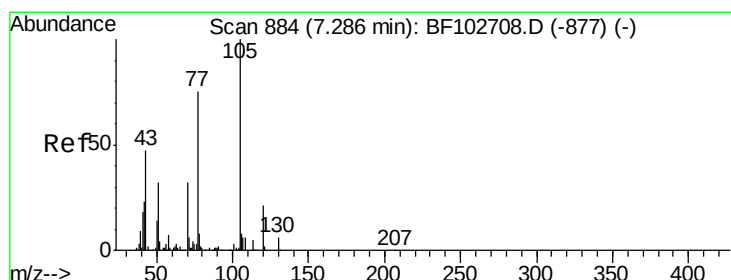
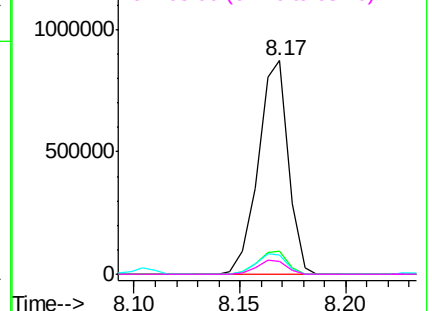
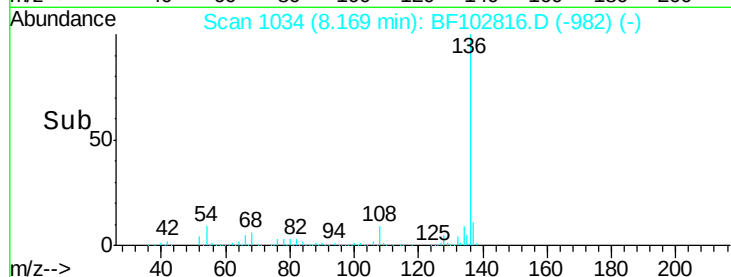


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.955 ng

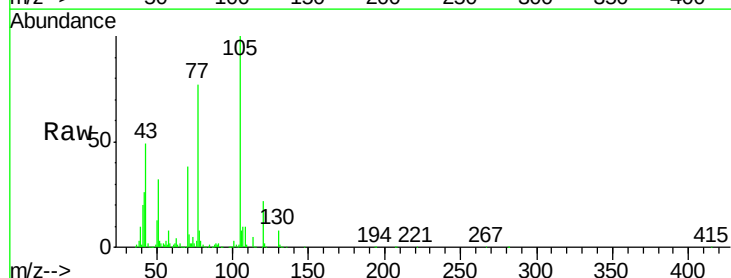
RT: 7.29 min Scan# 885

Delta R.T. 0.01 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	867468		
71	6.4	4.4	6.6	
51	31.6	22.3	33.5	
120	22.1	16.9	25.3	

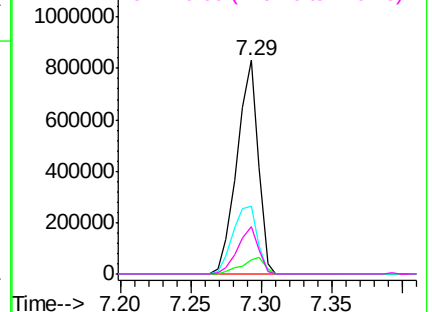
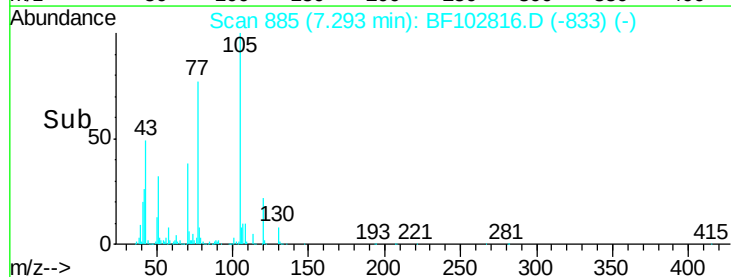


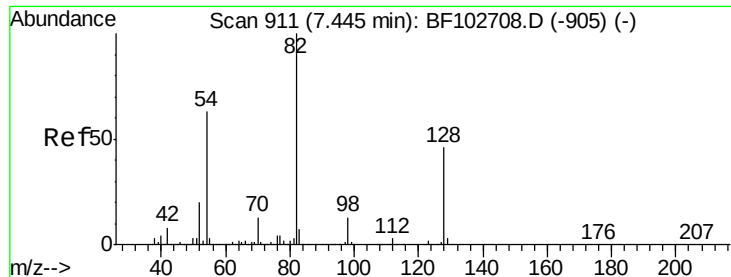
Abundance Ion 105.00 (104.70 to 105.70): E

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





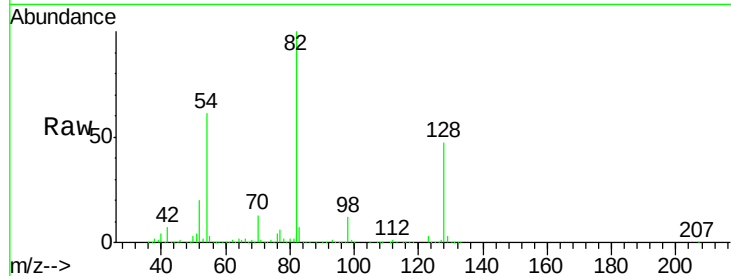
#23
Nitrobenzene-d5
Concen: 104.773 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.01 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

Instrument :
BNA_F
ClientSampled :
LW-01-BMSD

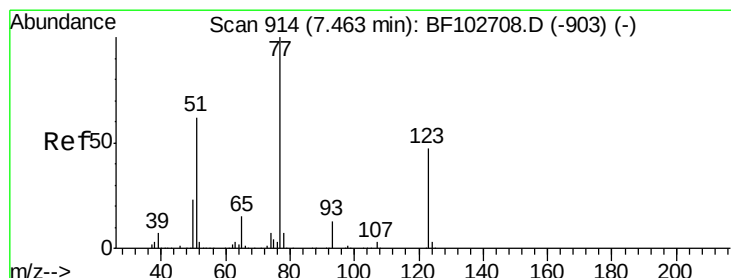
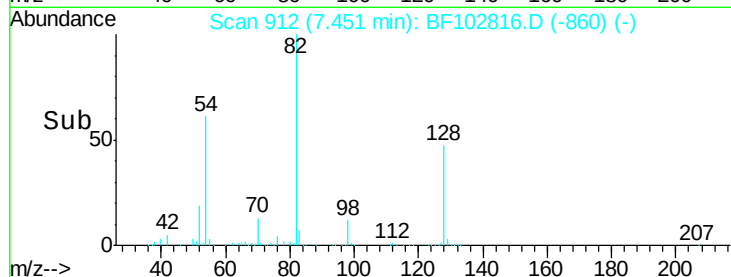
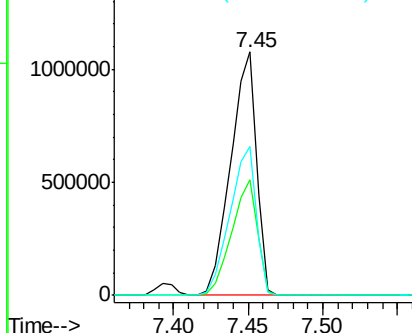
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.5	36.1	54.1
54	61.0	41.4	62.2

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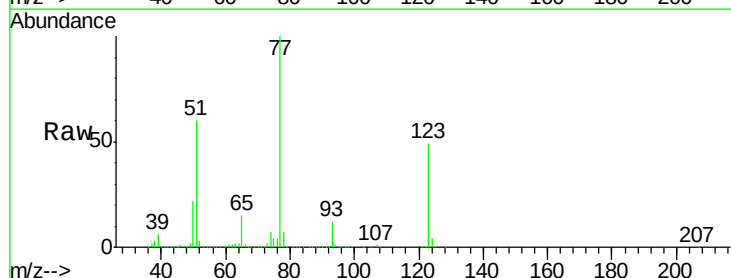


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

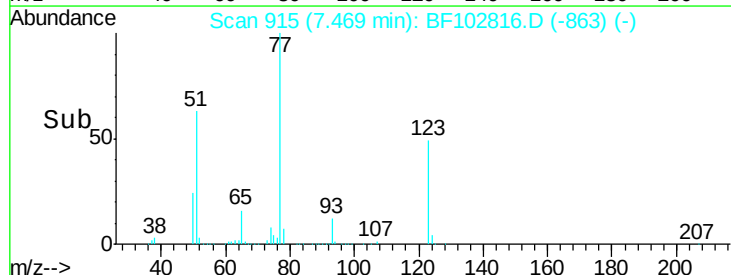
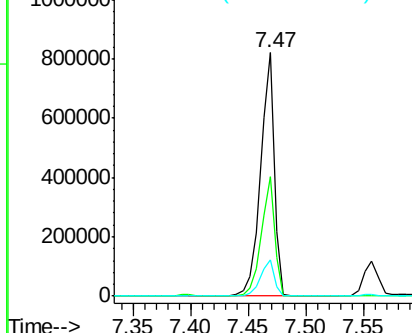


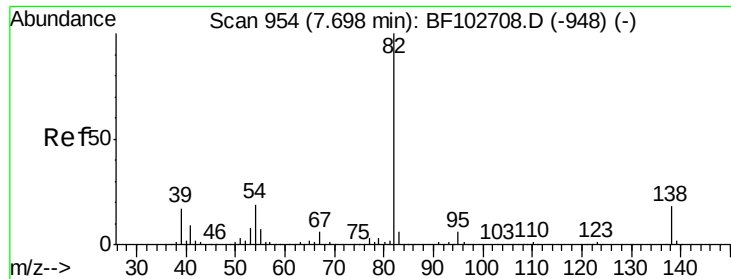
#24
Nitrobenzene
Concen: 46.945 ng
RT: 7.47 min Scan# 915
Delta R.T. 0.01 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.2	37.9	56.9
65	14.8	11.0	16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 45.405 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

Instrument :

BNA_F

ClientSampleId :

LW-01-BMSD

Tot Ion: 82 Resp: 1304518

Ion Ratio Lower Upper

82 100

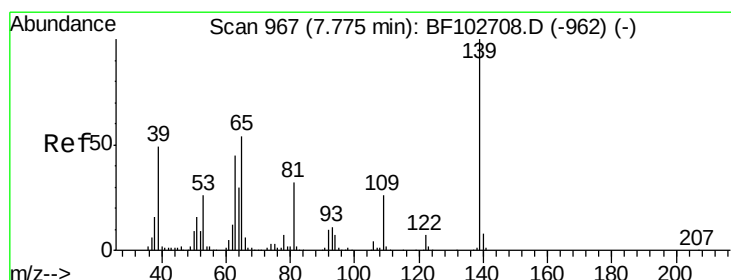
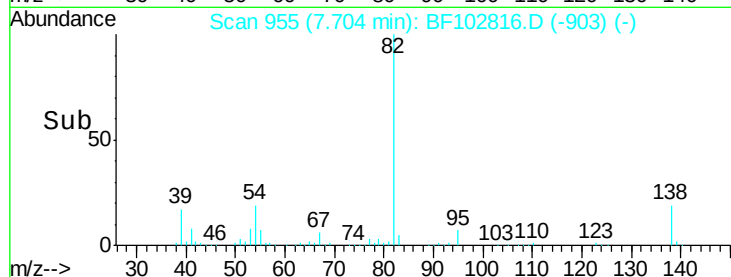
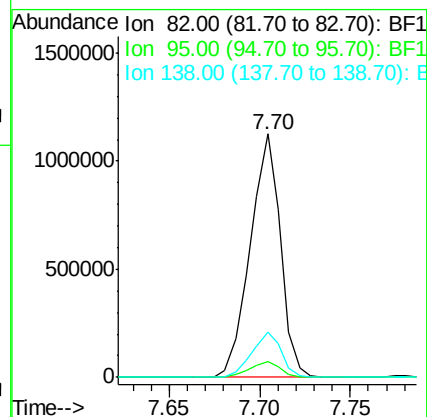
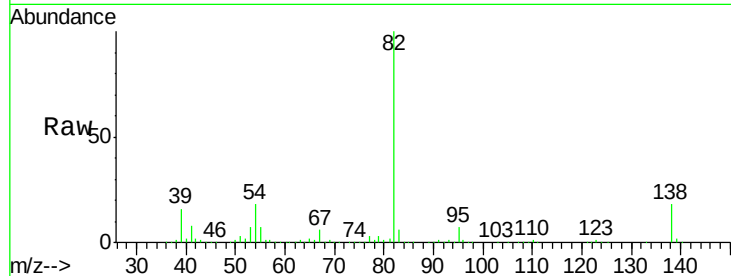
95 6.7 5.2 7.8

138 18.3 14.9 22.3

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#26

2-Nitrophenol

Concen: 57.088 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.01 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

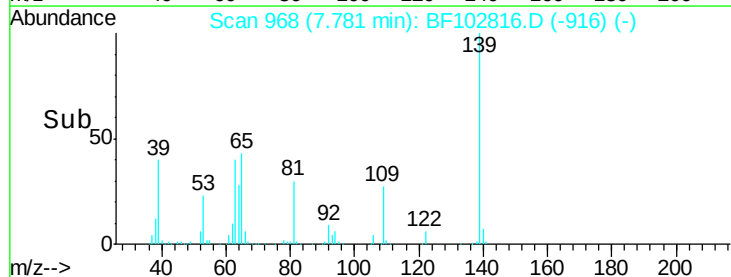
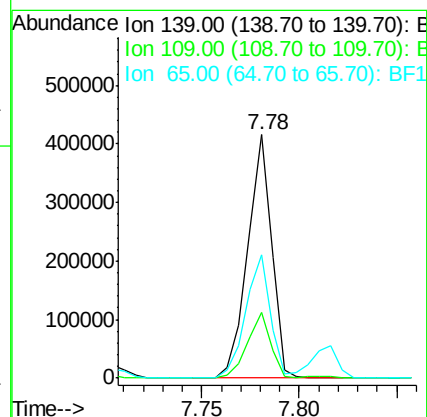
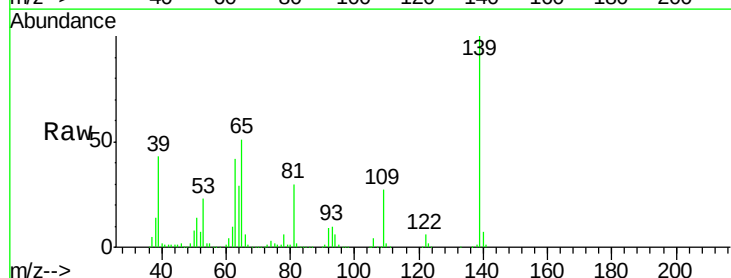
Tgt Ion: 139 Resp: 356289

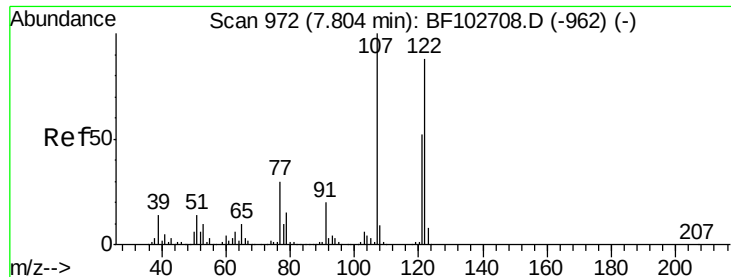
Ion Ratio Lower Upper

139 100

109 26.8 22.7 34.1

65 50.7 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 43.675 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.01 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

Instrument :

BNA_F

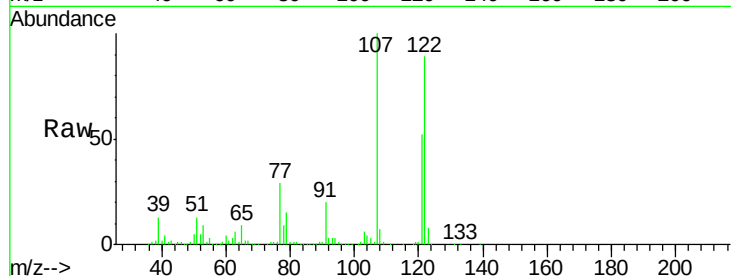
ClientSampleId :

LW-01-BMSD

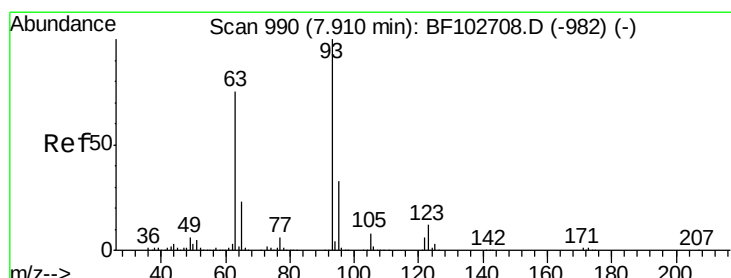
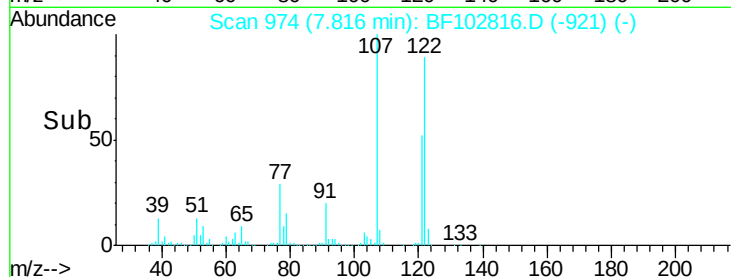
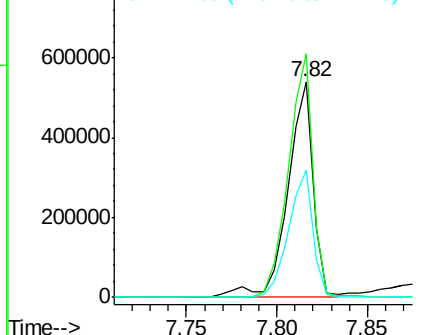
Tot Ion:	122	Resp:	530133
Ion Ratio	Lower	Upper	
122	100		
107	113.0	91.2	136.8
121	59.1	47.2	70.8

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 47.524 ng

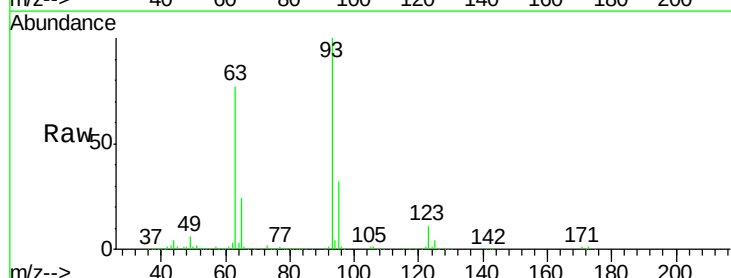
RT: 7.91 min Scan# 990

Delta R.T. 0.00 min

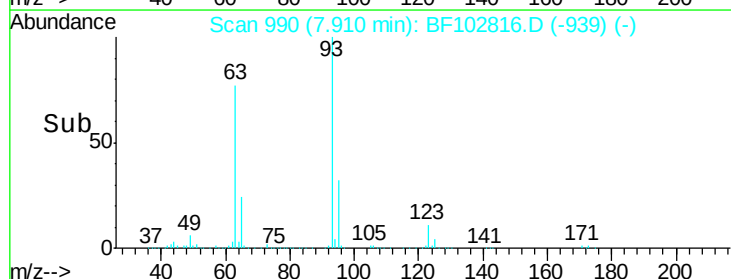
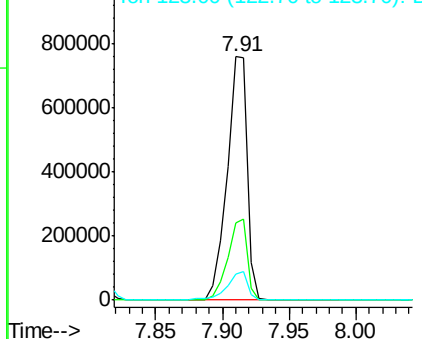
Lab File: BF102816.D

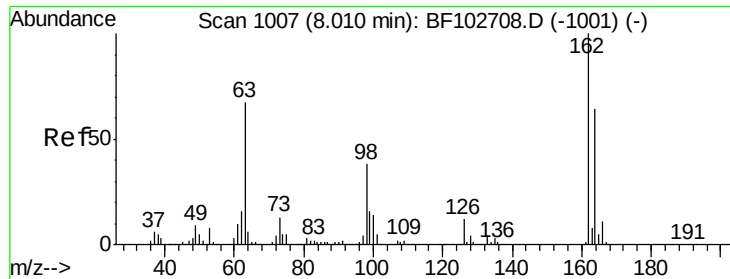
Acq: 7 Feb 2018 15:36

Tgt Ion:	93	Resp:	808846
Ion Ratio	Lower	Upper	
93	100		
95	31.9	26.3	39.5
123	10.8	9.8	14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





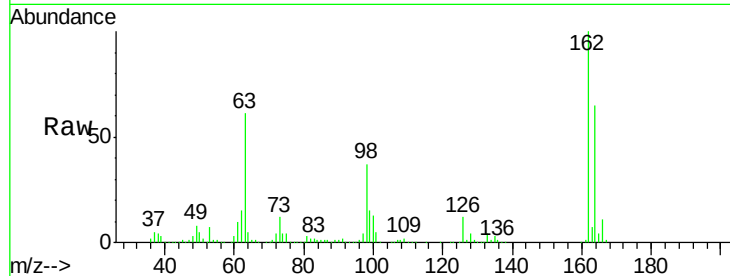
#29
 2,4-Dichlorophenol
 Concen: 45.137 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.01 min
 Lab File: BF102816.D
 Acq: 7 Feb 2018 15:36

Instrument :
 BNA_F
 ClientSampleId :
 LW-01-BMSD

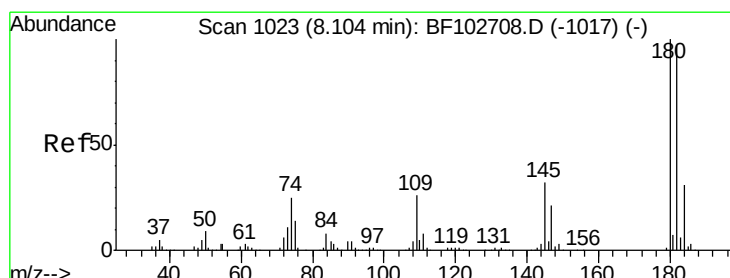
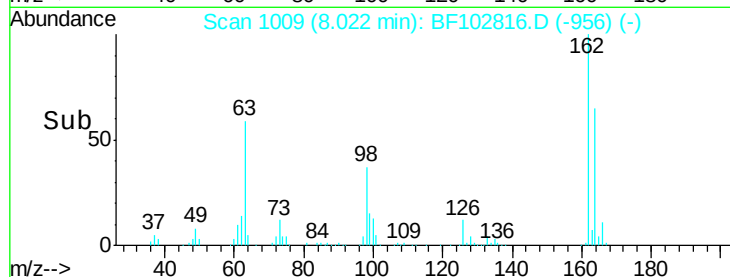
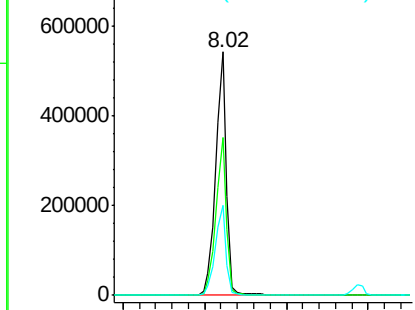
Tot Ion	Ratio	Resp	Lower	Upper
162	100	498053		
164	65.1	42.7	82.7	
98	37.1	18.1	58.1	

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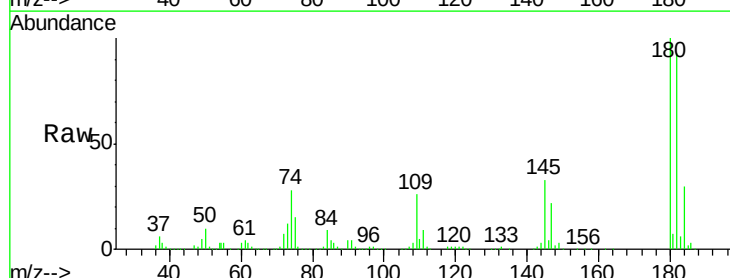


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

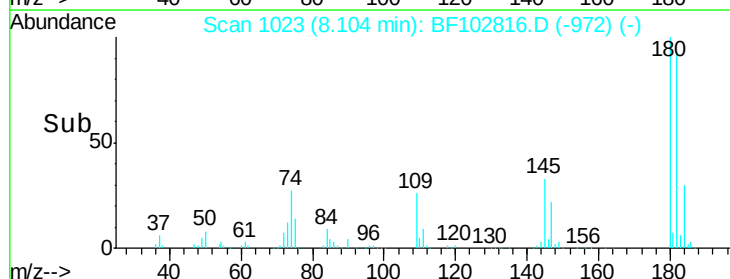
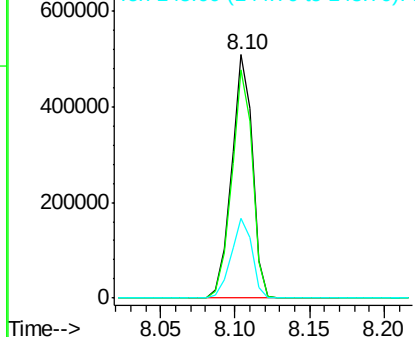


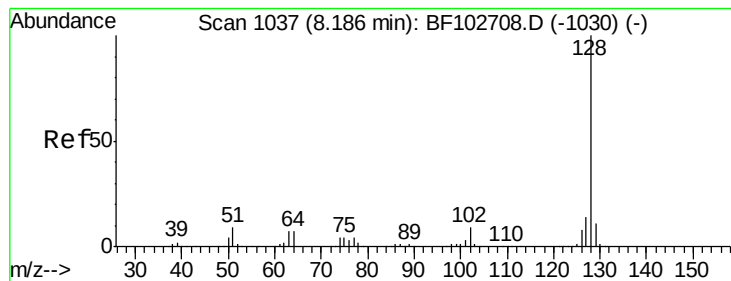
#30
 1,2,4-Trichlorobenzene
 Concen: 40.060 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. 0.00 min
 Lab File: BF102816.D
 Acq: 7 Feb 2018 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	500064		
182	93.5	76.8	115.2	
145	32.9	26.5	39.7	



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





#31

Naphthalene

Concen: 40.952 ng

RT: 8.19 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

Instrument :

BNA_F

ClientSampled :

LW-01-BMSD

Tot Ion:128 Resp: 1731817

Ion Ratio Lower Upper

128 100

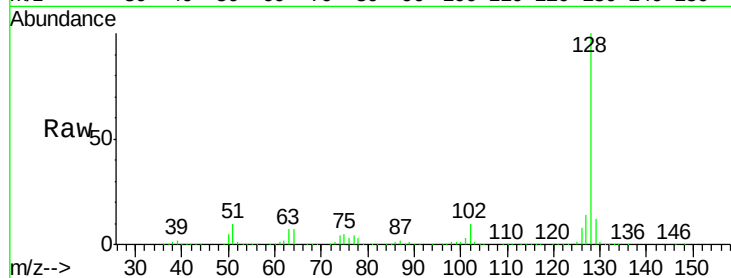
129 11.7 8.8 13.2

127 13.6 10.9 16.3

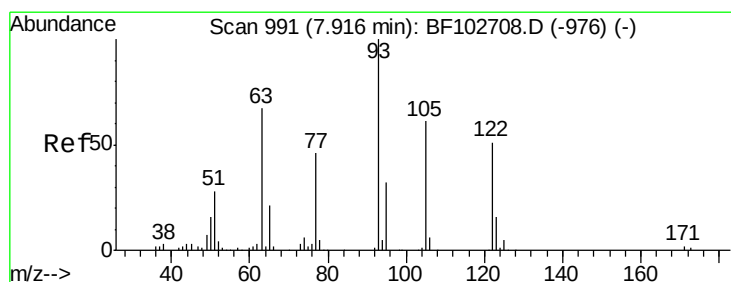
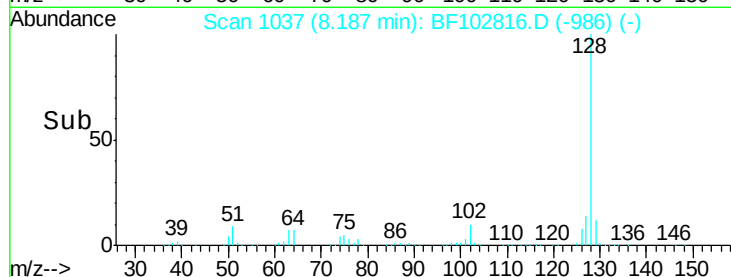
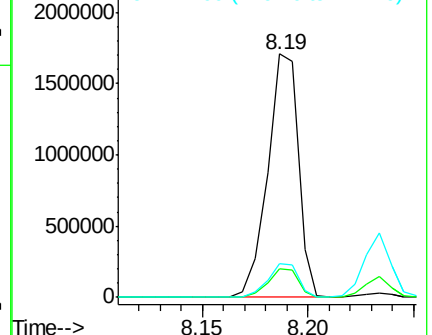
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 21.269 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.02 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

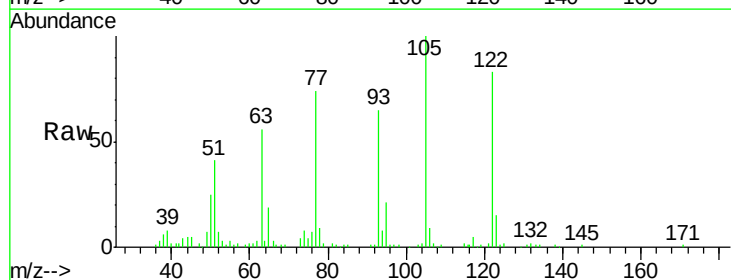
Tgt Ion:122 Resp: 119063

Ion Ratio Lower Upper

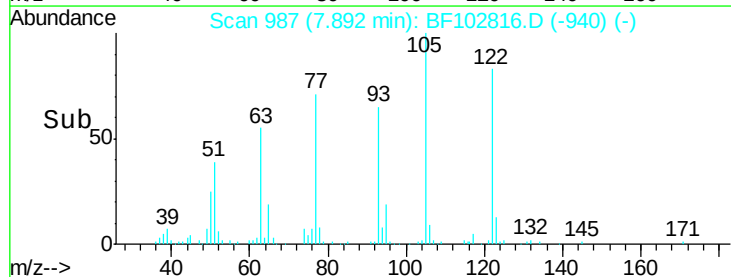
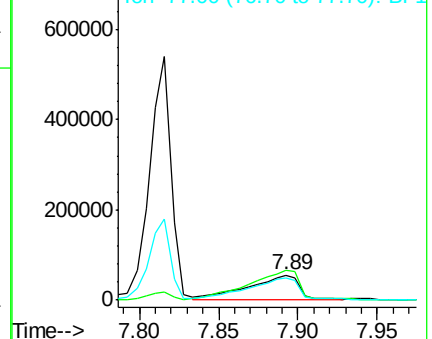
122 100

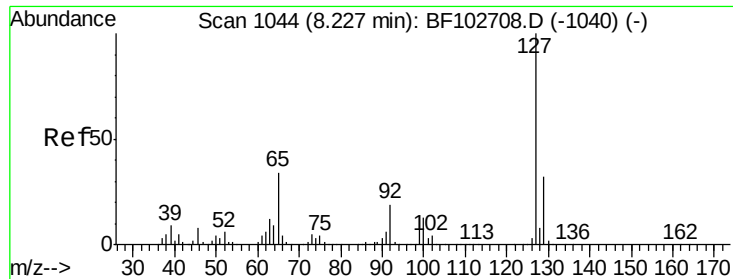
105 120.5 101.1 141.1

77 88.8 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





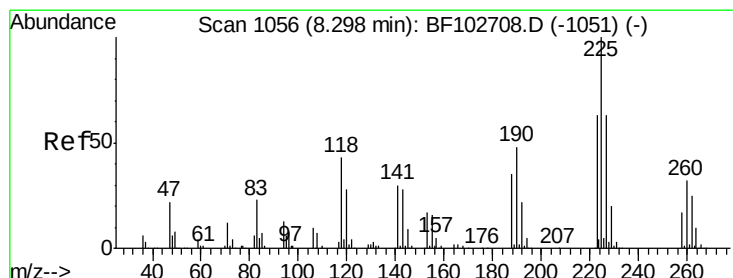
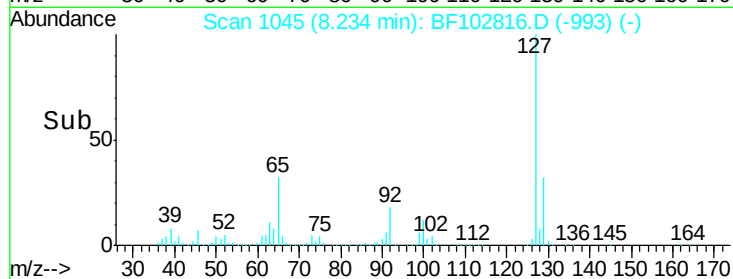
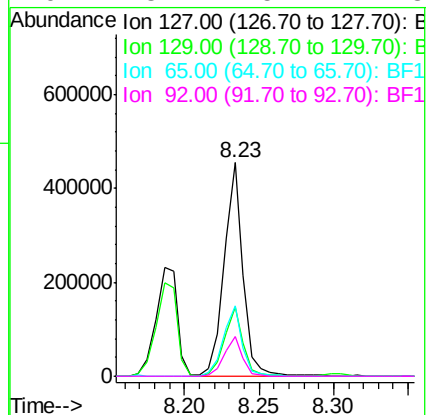
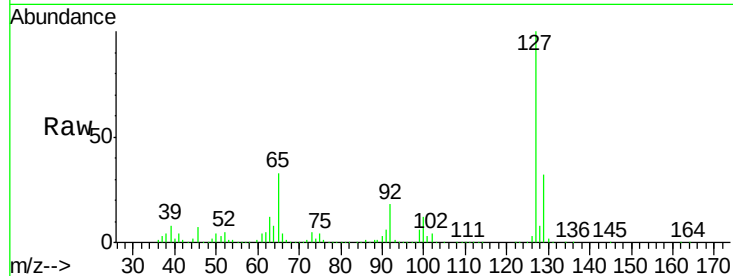
#33
4-Chloroaniline
Concen: 22.215 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.01 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

Instrument :
BNA_F
ClientSampled :
LW-01-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.1	25.9	38.9	
65	32.7	25.0	37.4	
92	18.4	15.2	22.8	

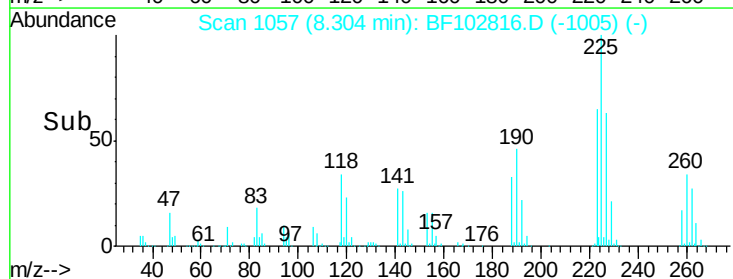
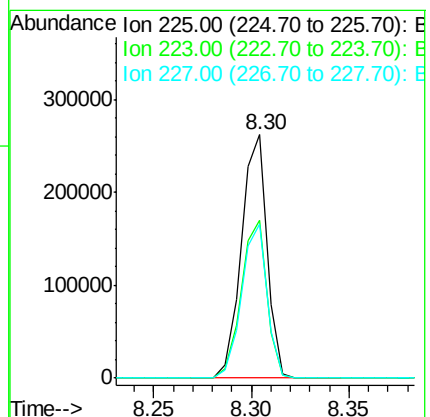
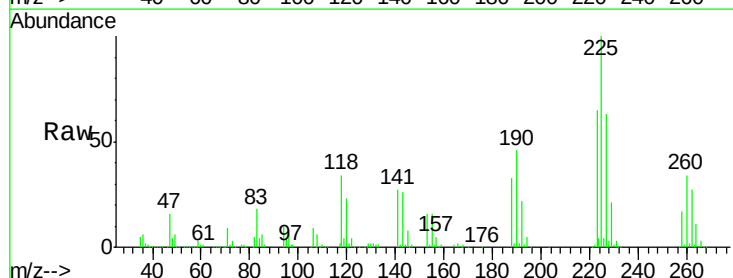
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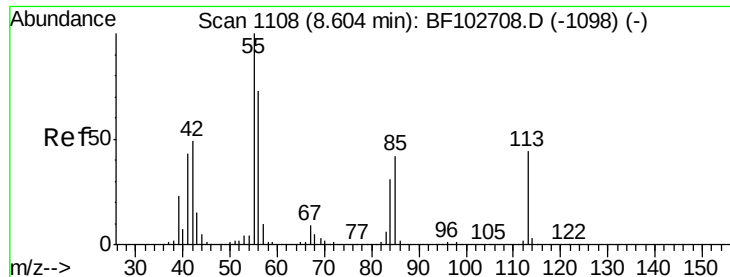
Sohil
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#34
Hexachlorobutadiene
Concen: 37.290 ng
RT: 8.30 min Scan# 1057
Delta R.T. 0.01 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.6	50.6	76.0	
227	63.4	51.9	77.9	





#35

Caprolactam

Concen: 7.425 ng/ml

RT: 8.62 min Scan# 1111

Delta R.T. 0.02 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

Instrument :

BNA_F

ClientSampleID :

LW-01-BMSD

Tot Ion:113 Resp: 28454

Ion Ratio Lower Upper

113 100

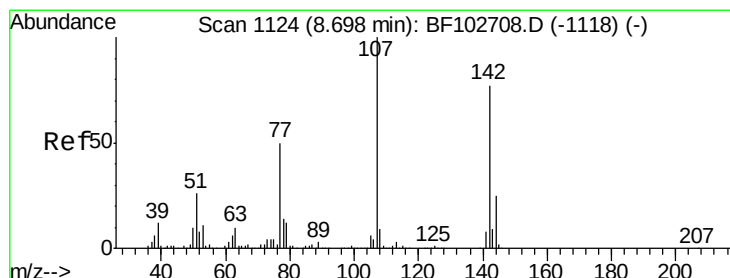
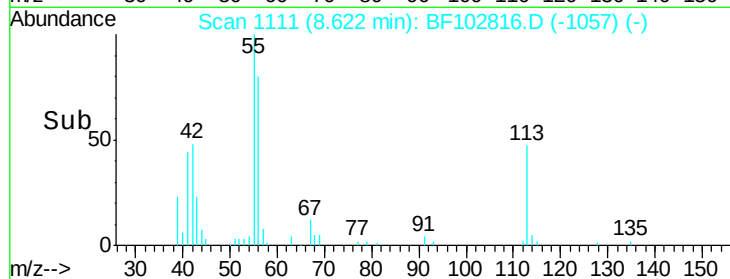
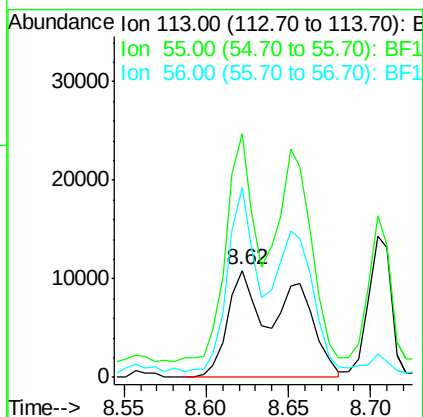
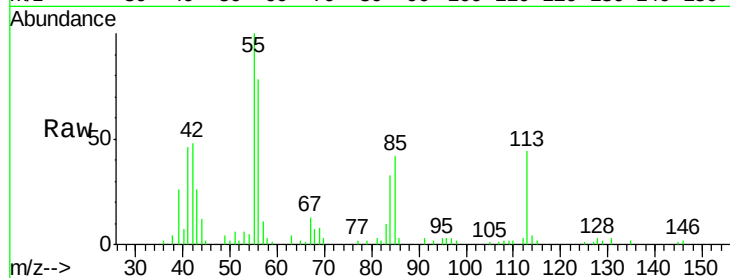
55 226.9 163.3 203.3#

56 176.5 115.7 155.7#

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#36

4-Chloro-3-methylphenol

Concen: 41.620 ng/ml

RT: 8.70 min Scan# 1125

Delta R.T. 0.01 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

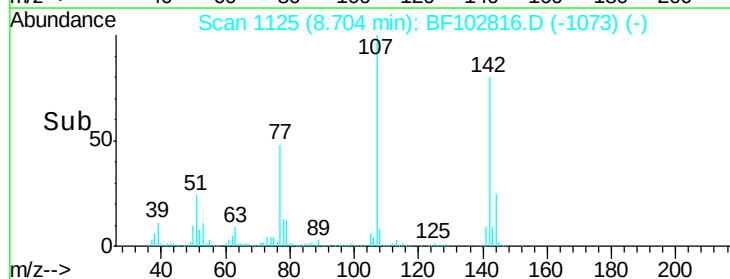
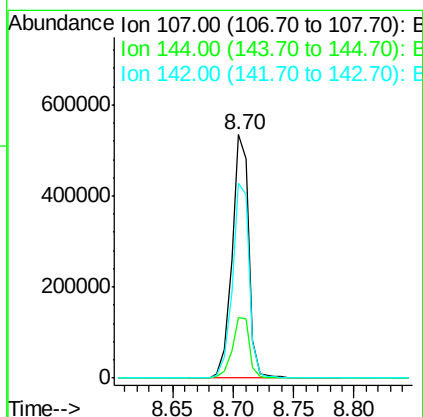
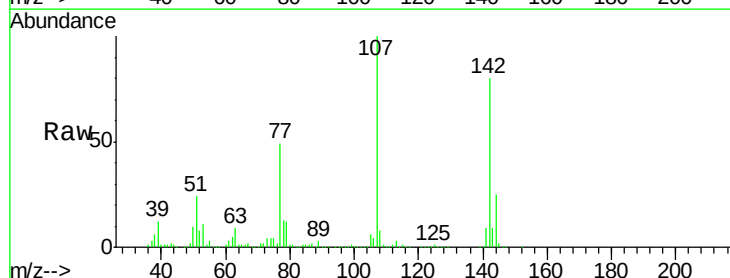
Tgt Ion:107 Resp: 516004

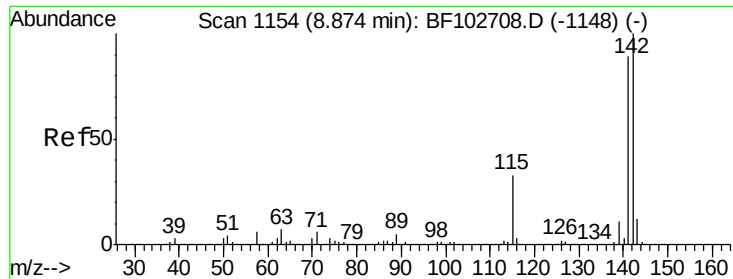
Ion Ratio Lower Upper

107 100

144 24.8 20.5 30.7

142 79.9 62.0 93.0





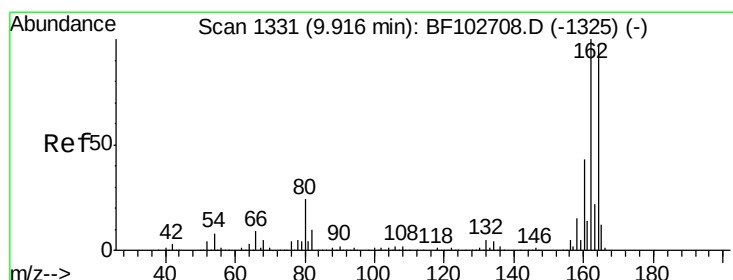
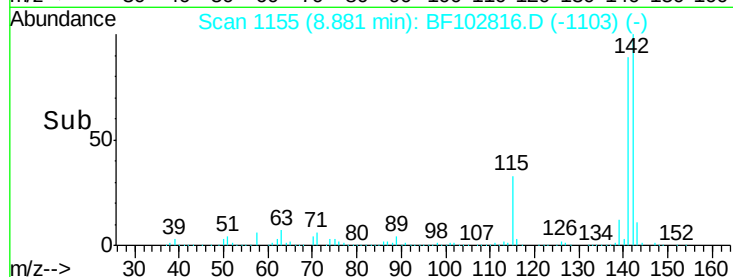
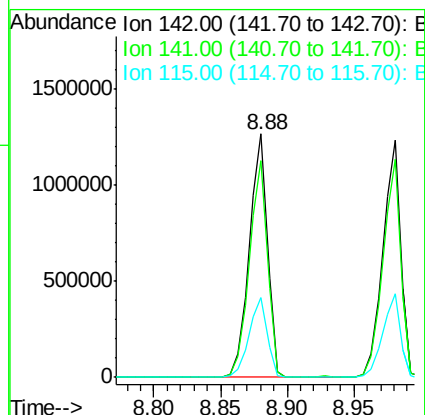
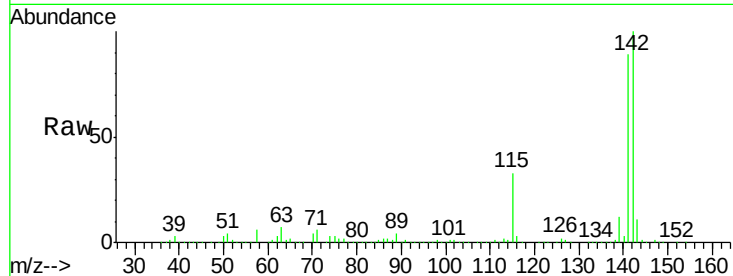
#37
2-Methylnaphthalene
Concen: 42.387 ng
RT: 8.88 min Scan# 1155
Delta R.T. 0.01 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

Instrument :
BNA_F
ClientSampleId :
LW-01-BMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.8	106.2
115	32.9	26.1	39.1

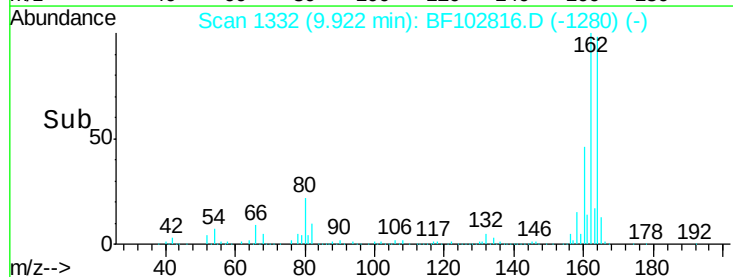
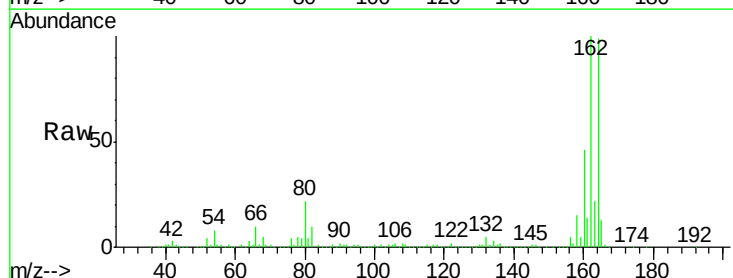
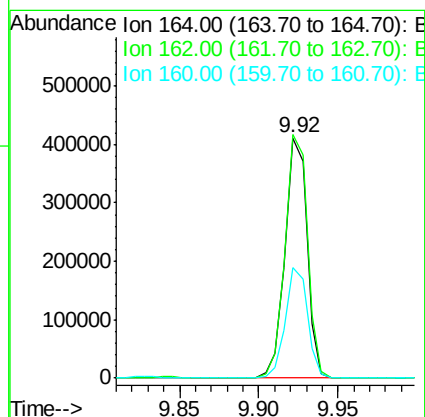
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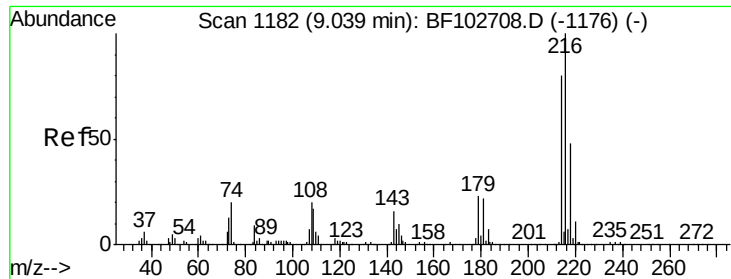
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	86.1	129.1
160	46.2	38.3	57.5





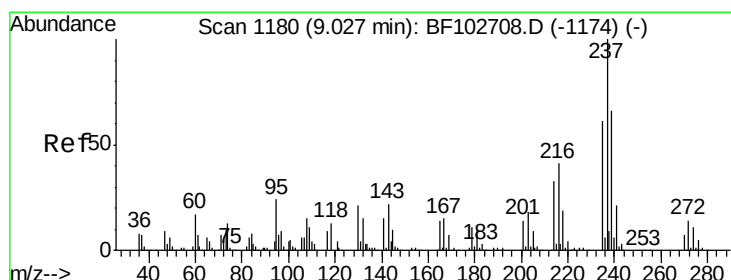
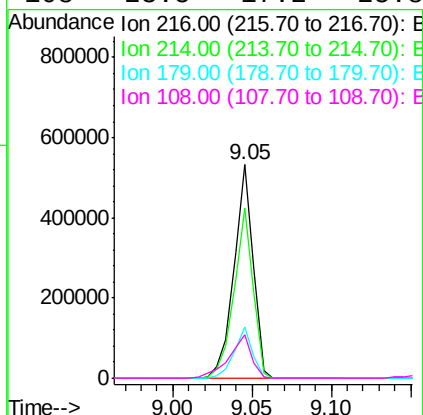
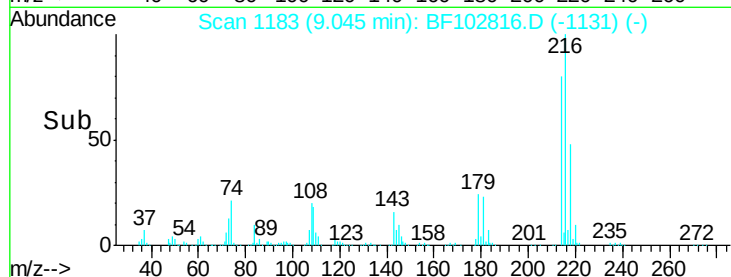
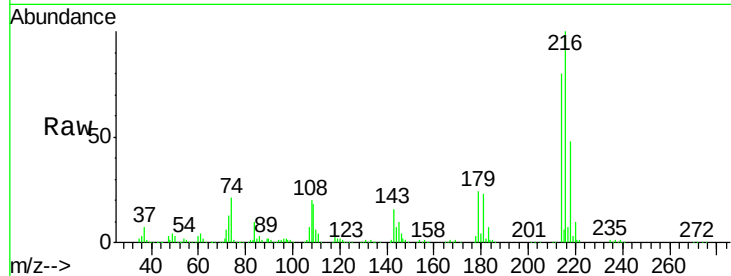
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.428 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF102816.D
 Acq: 7 Feb 2018 15:36

Instrument :
 BNA_F
 ClientSampleId :
 LW-01-BMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		448153		
214	79.0	63.0	94.4		
179	22.8	18.1	27.1		
108	23.5	17.2	25.8		

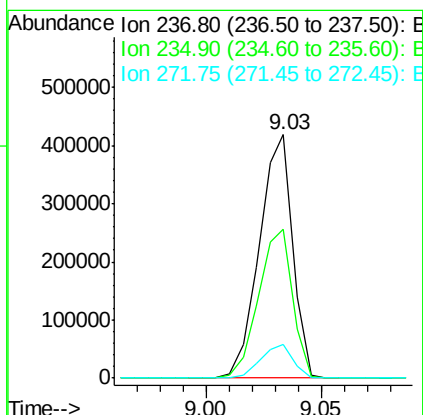
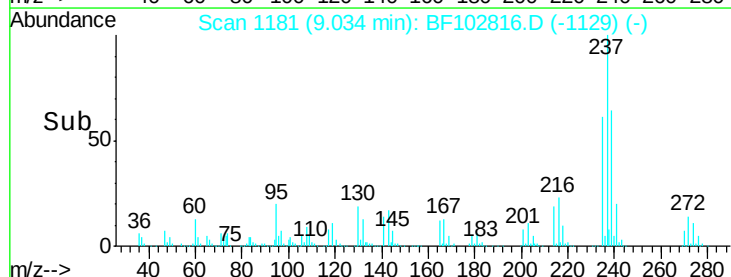
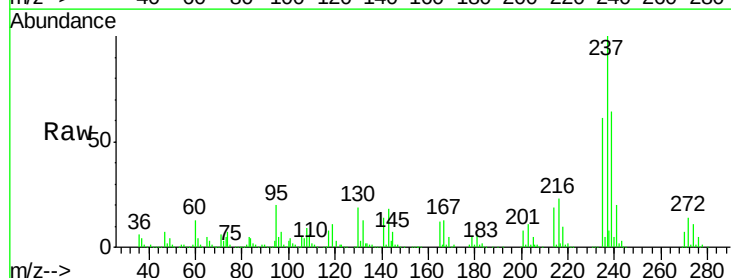
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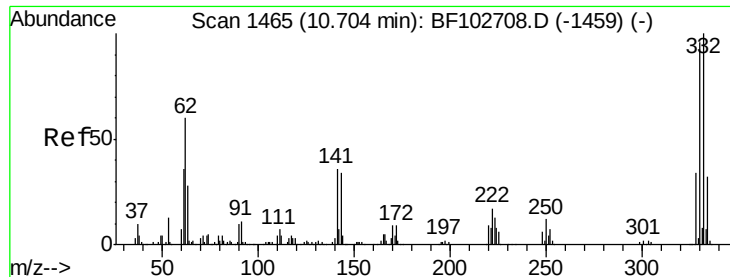
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#40
 Hexachlorocyclopentadiene
 Concen: 81.793 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: BF102816.D
 Acq: 7 Feb 2018 15:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		420618		
235	61.4	44.8	84.8		
272	13.6	0.0	33.3		





#41

2,4,6-Tribromophenol

Concen: 140.312 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.01 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

Instrument :

BNA_F

ClientSampled :

LW-01-BMSD

Tot Ion:330 Resp: 448682

Ion Ratio Lower Upper

330 100

332 101.2 77.0 115.6

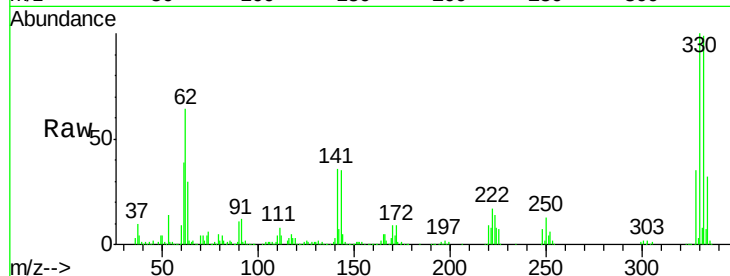
141 36.1 29.9 44.9

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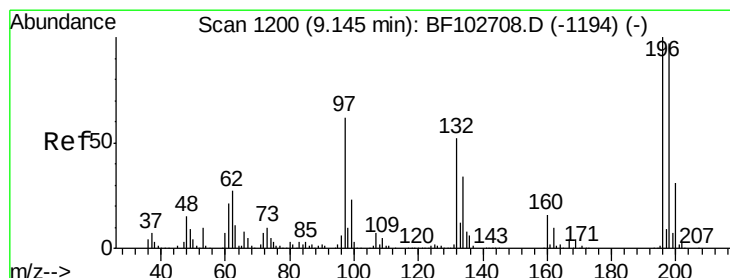
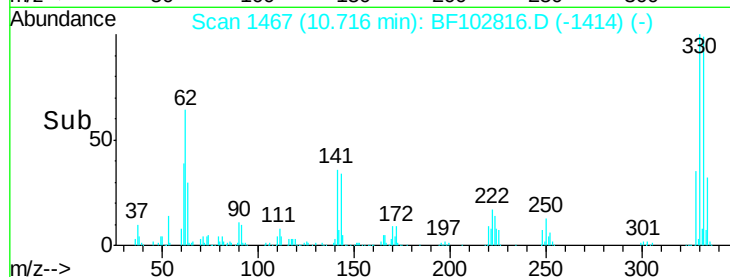
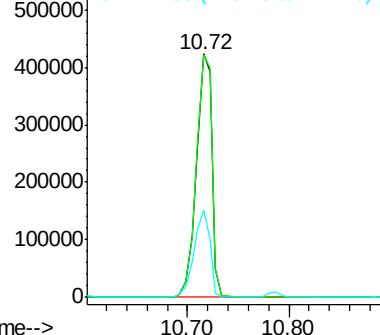
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Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 48.534 ng

RT: 9.15 min Scan# 1201

Delta R.T. 0.01 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

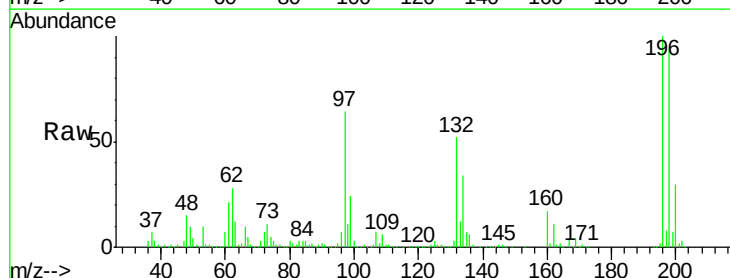
Tgt Ion:196 Resp: 344847

Ion Ratio Lower Upper

196 100

198 93.5 75.7 113.5

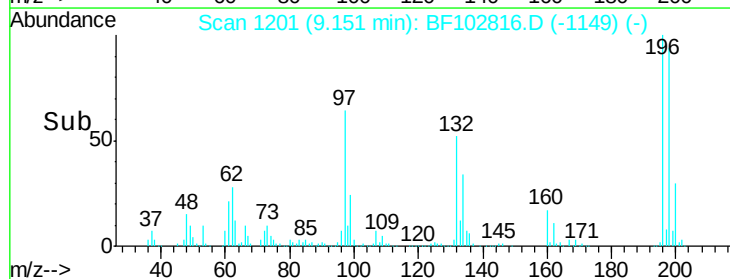
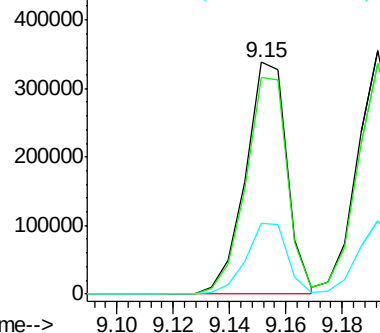
200 30.3 24.5 36.7

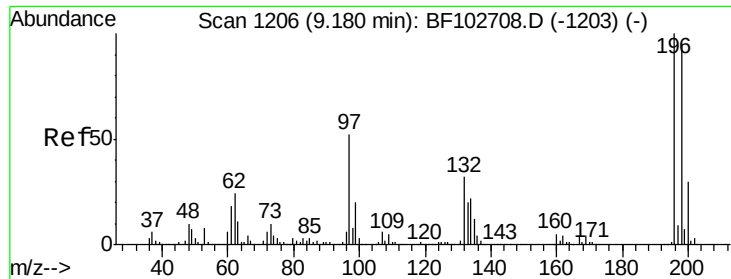


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





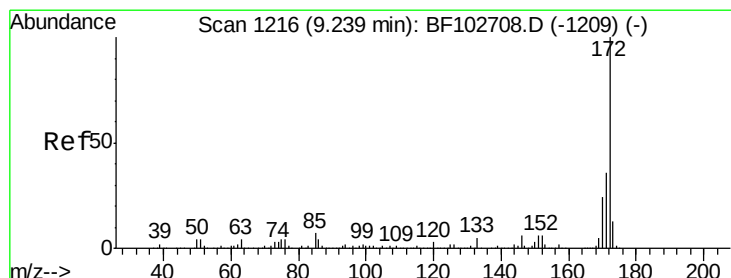
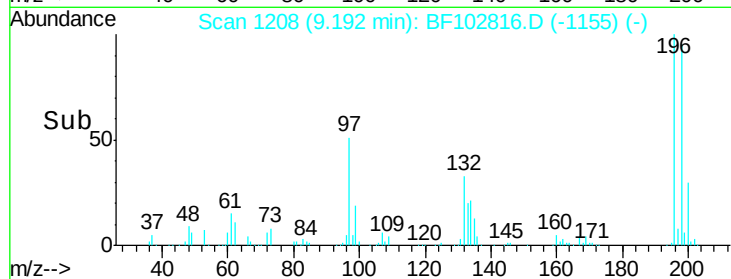
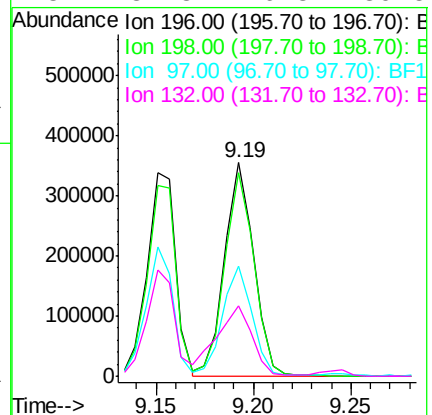
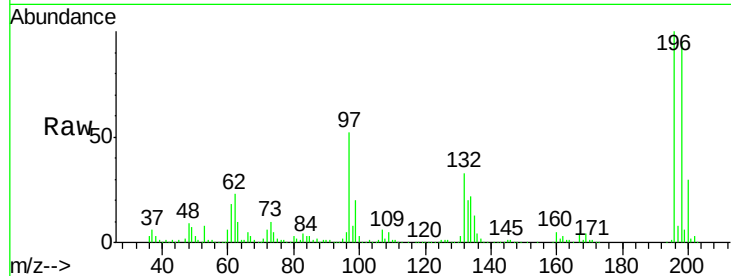
#43
 2,4,5-Trichlorophenol
 Concen: 46.097 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF102816.D
 Acq: 7 Feb 2018 15:36

Instrument :
 BNA_F
 ClientSampled :
 LW-01-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	369160		
198	95.0	74.6	112.0	
97	51.8	42.9	64.3	
132	32.8	26.3	39.5	

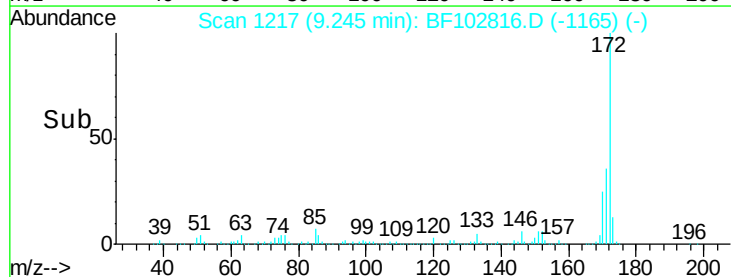
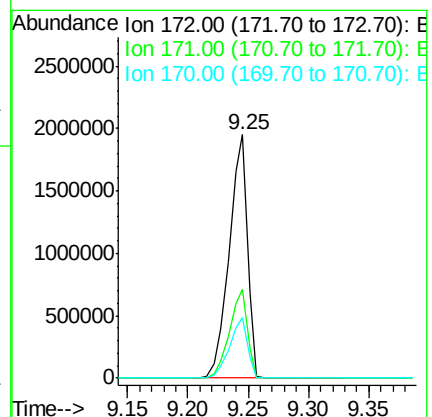
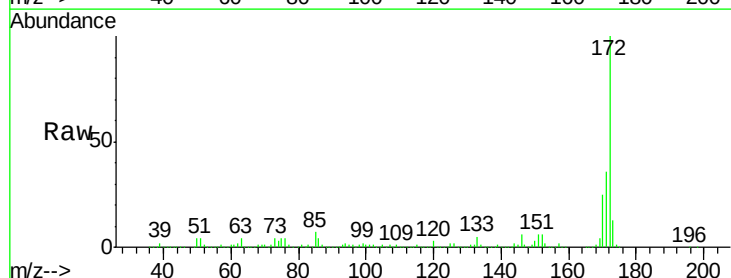
Manual Integrations
 APPROVED

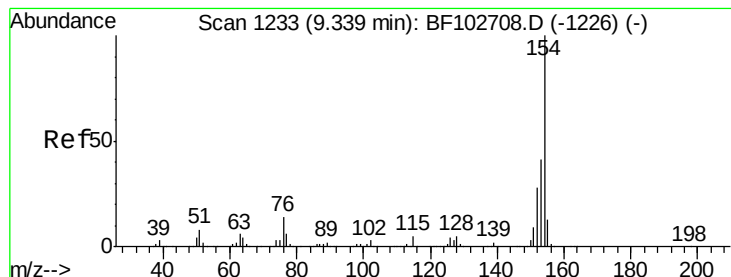
Sohil
 4/13/2018 4:48:39 PM



#44
 2-Fluorobiphenyl
 Concen: 84.795 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.01 min
 Lab File: BF102816.D
 Acq: 7 Feb 2018 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2030208		
171	36.3	29.7	44.5	
170	24.7	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 40.453 ng

RT: 9.35 min Scan# 1234

Delta R.T. 0.01 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

Instrument :

BNA_F

ClientSampleId :

LW-01-BMSD

Tot Ion:154 Resp: 1353680

Ion Ratio Lower Upper

154 100

153 41.4 21.3 61.3

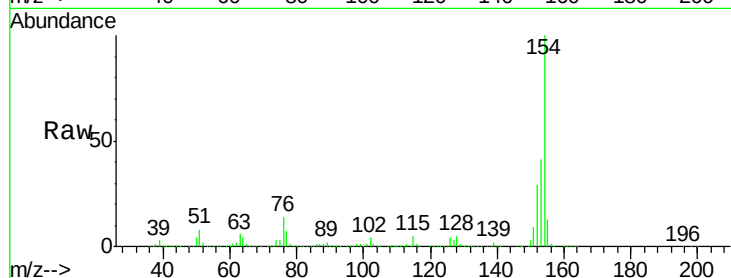
76 14.4 0.0 34.0

Manual Integrations

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Sohil

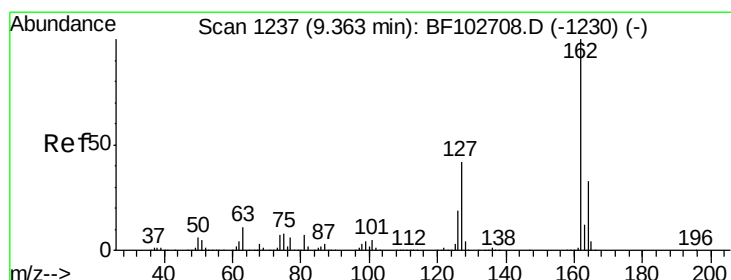
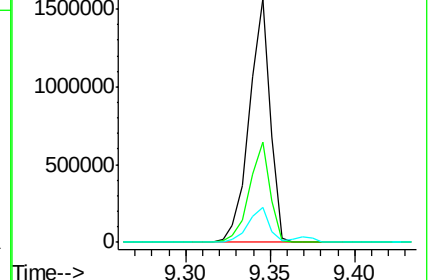
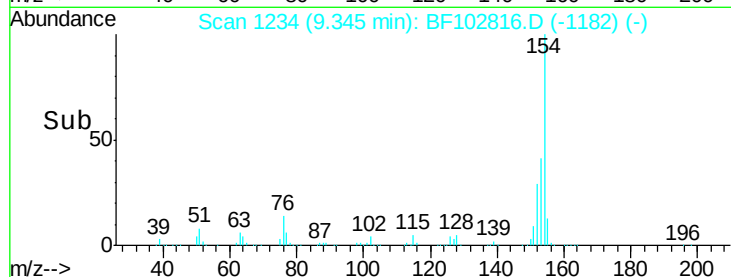
4/13/2018 4:48:39 PM



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: 41.979 ng

RT: 9.37 min Scan# 1238

Delta R.T. 0.01 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

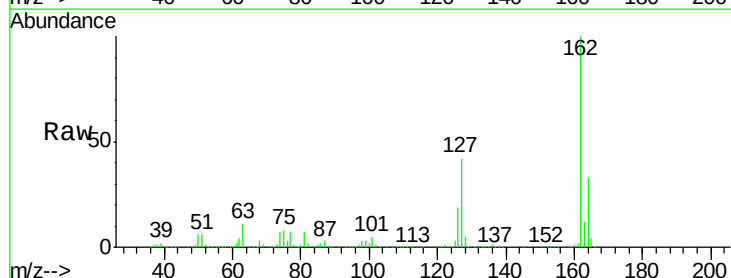
Tgt Ion:162 Resp: 1105908

Ion Ratio Lower Upper

162 100

127 42.0 33.9 50.9

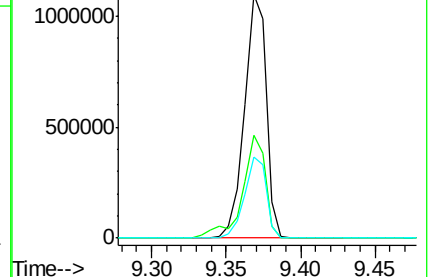
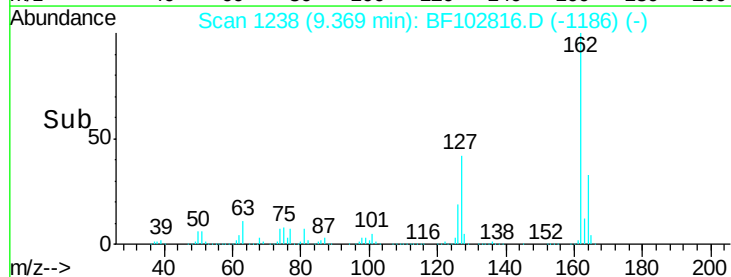
164 33.4 26.5 39.7

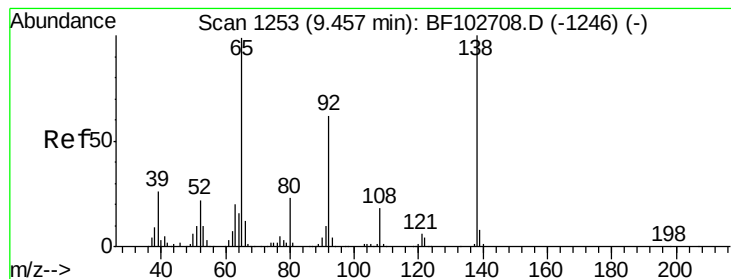


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 51.729 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.01 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

Instrument :

BNA_F

ClientSampleId :

LW-01-BMSD

Tot Ion: 65 Resp: 422886

Ion Ratio Lower Upper

65 100

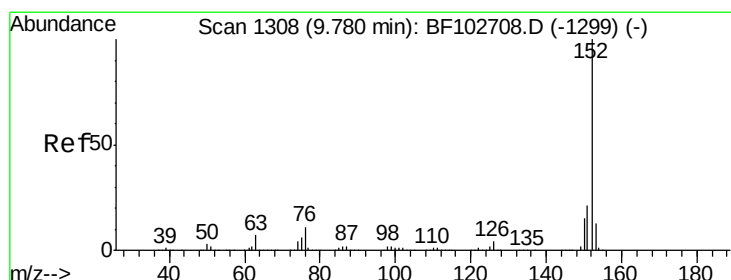
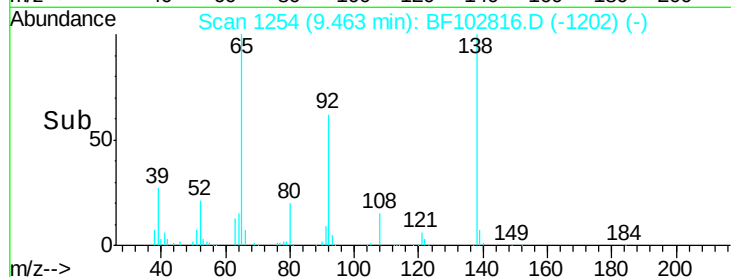
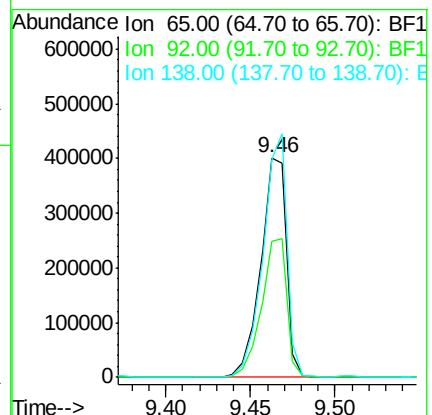
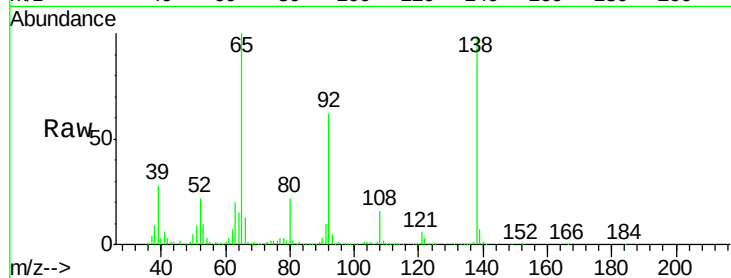
92 62.1 55.8 83.6

138 99.4 91.2 136.8

Manual Integrations
APPROVED

Sohil

4/13/2018 4:48:39 PM



#48

Acenaphthylene

Concen: 40.415 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.01 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

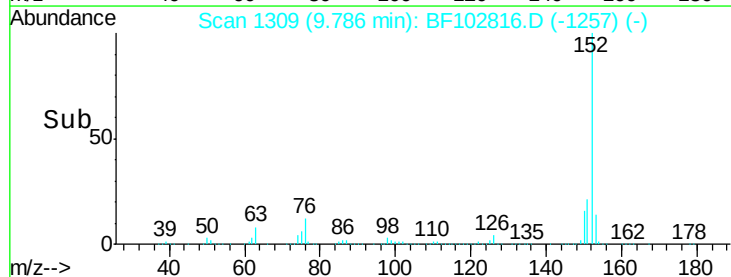
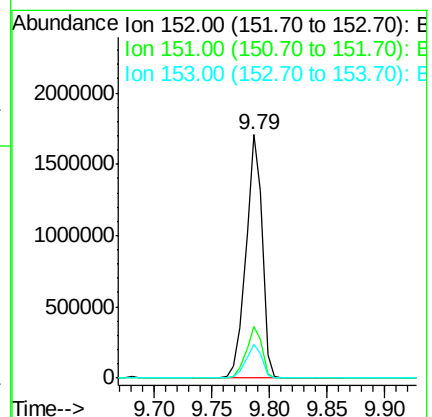
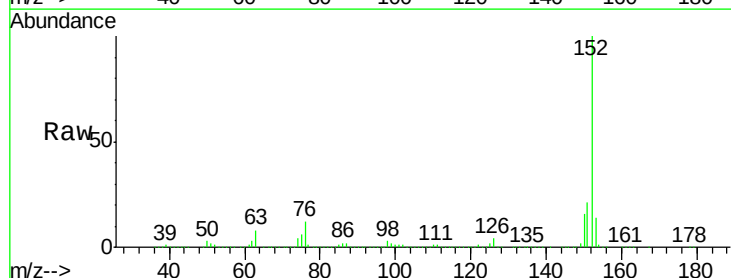
Tgt Ion: 152 Resp: 1653678

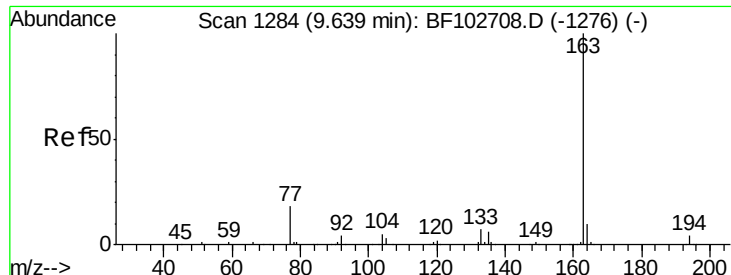
Ion Ratio Lower Upper

152 100

151 21.4 16.3 24.5

153 13.7 10.7 16.1





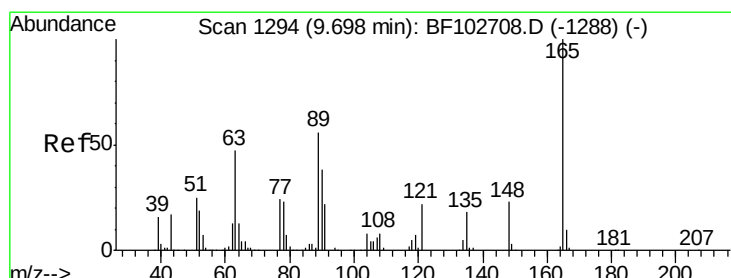
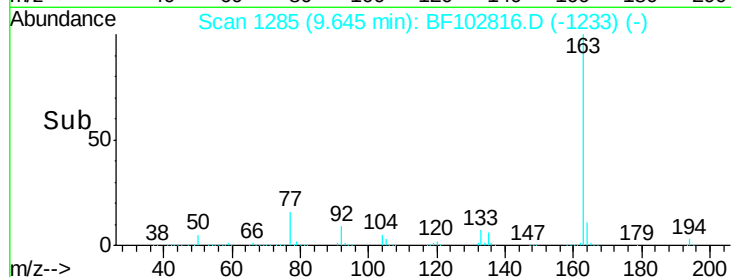
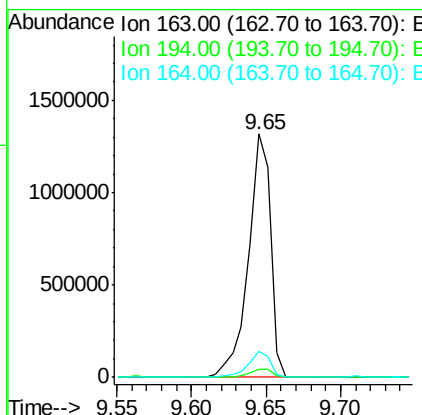
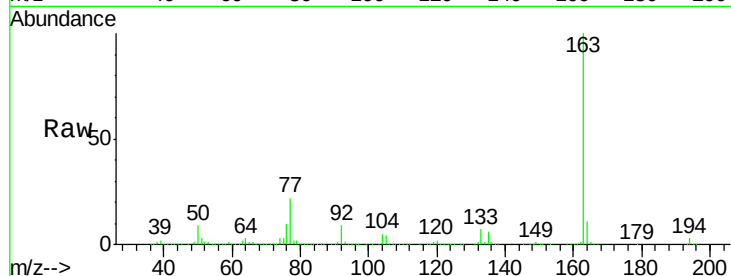
#49
Dimethylphthalate
Concen: 43.438 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

Instrument :
BNA_F
ClientSampleId :
LW-01-BMSD

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.6	8.2	12.2

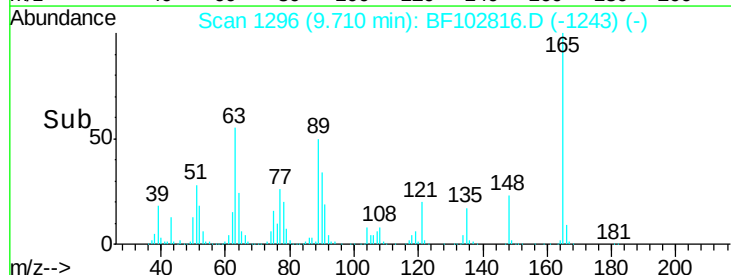
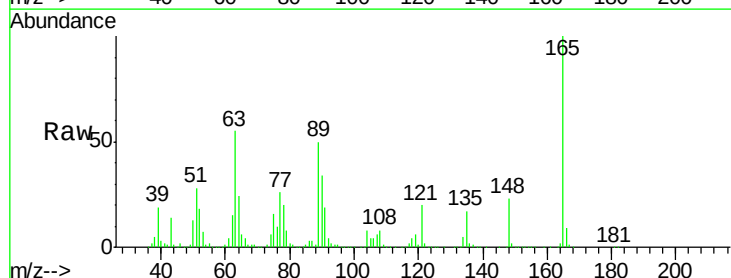
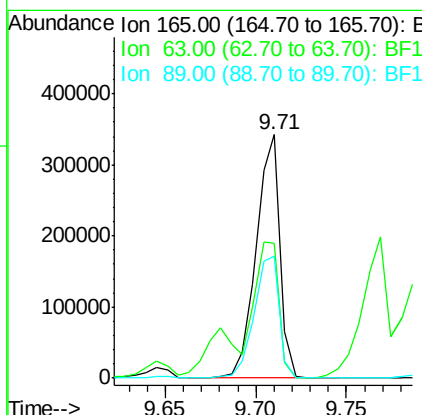
Manual Integrations
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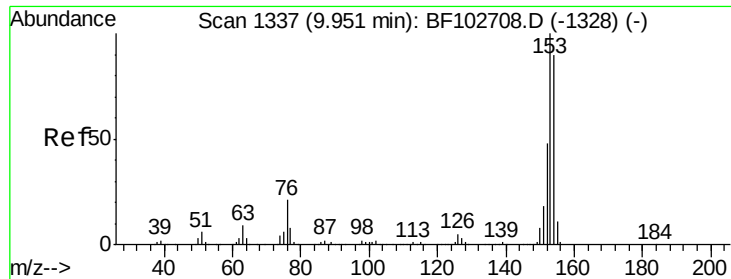
Sohil
4/13/2018 4:48:39 PM



#50
2,6-Dinitrotoluene
Concen: 52.823 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

Tgt Ion	Ratio	Lower	Upper
165	100		
63	55.4	44.7	67.1
89	50.2	44.0	66.0





#51

Acenaphthene

Concen: 41.301 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.01 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

Instrument :

BNA_F

ClientSampleId :

LW-01-BMSD

Tot Ion:154 Resp: 1010622

Ion Ratio Lower Upper

154 100

153 113.6 91.2 136.8

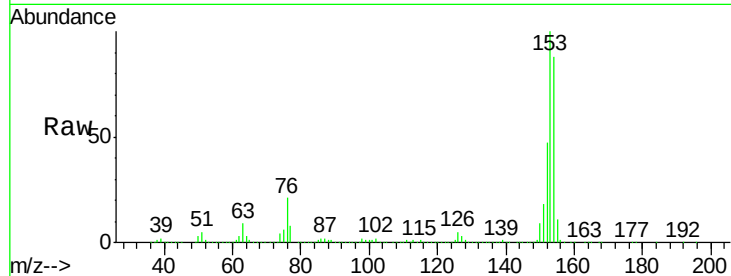
152 53.8 43.8 65.8

Manual Integrations

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Sohil

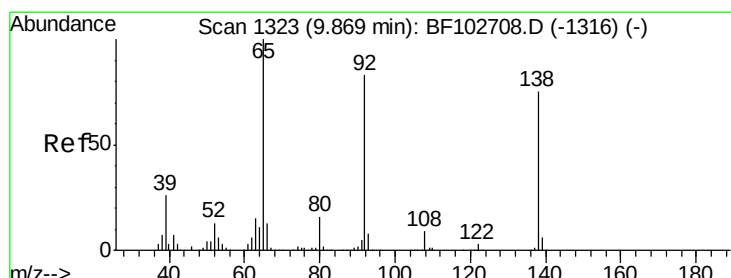
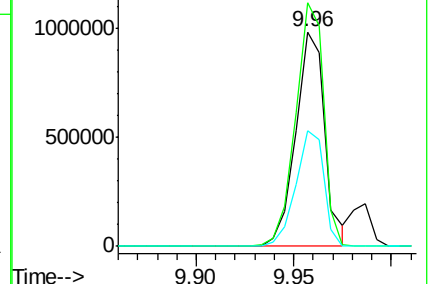
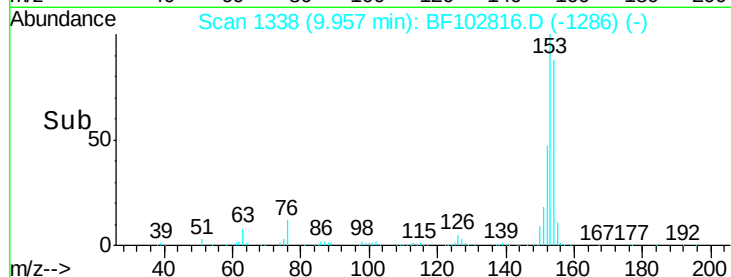
4/13/2018 4:48:39 PM



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: 28.792 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.01 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

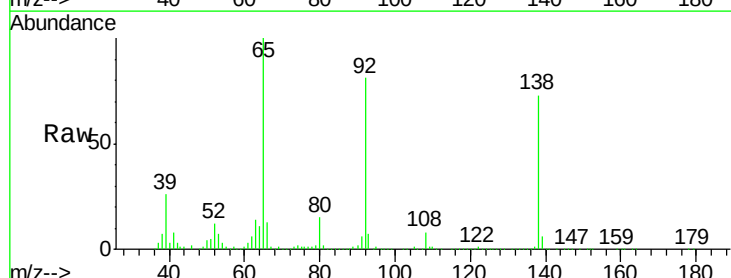
Tgt Ion:138 Resp: 208795

Ion Ratio Lower Upper

138 100

108 10.6 9.4 14.0

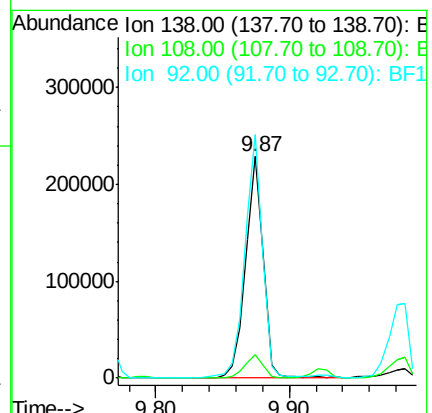
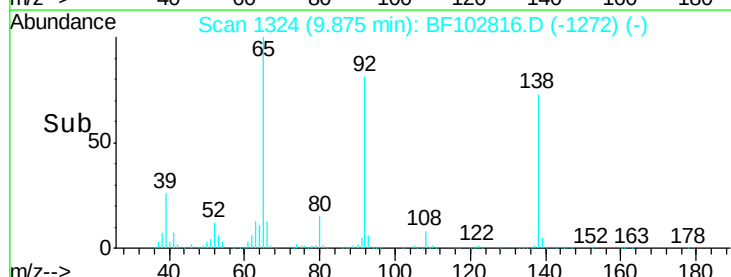
92 110.0 89.4 134.2

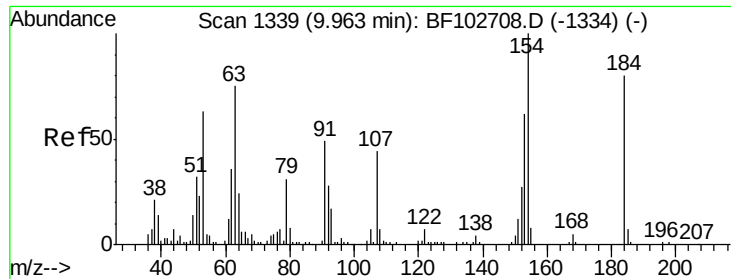


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





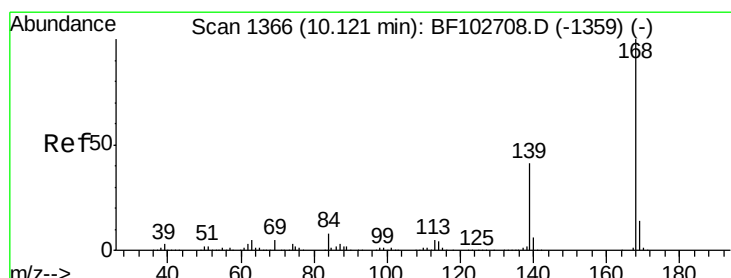
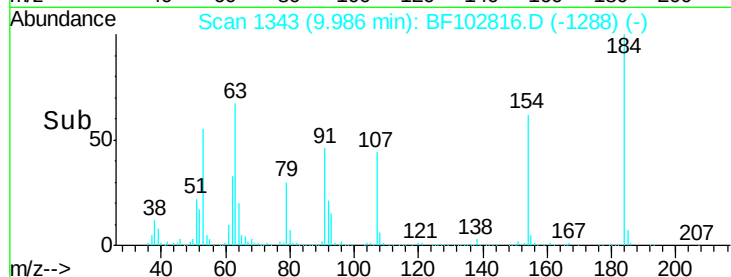
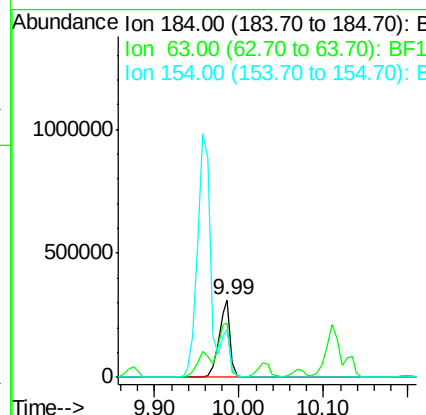
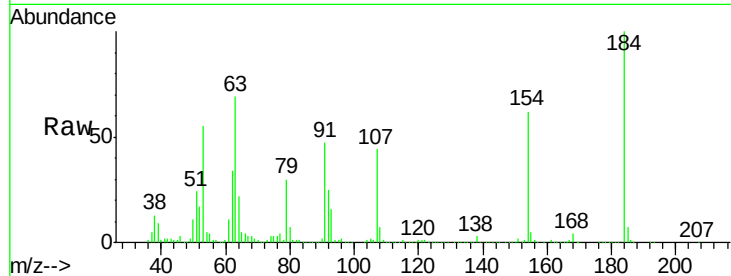
#53
2,4-Dinitrophenol
Concen: 115.235 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.02 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

Instrument :
BNA_F
ClientSampled :
LW-01-BMSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	69.2	54.2	81.2
154	61.7	184.0	276.0#

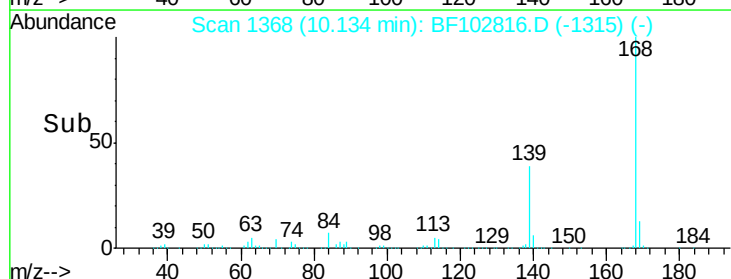
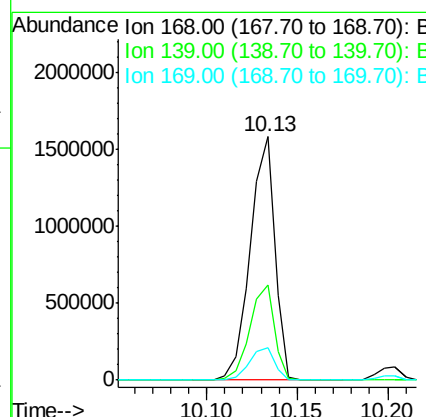
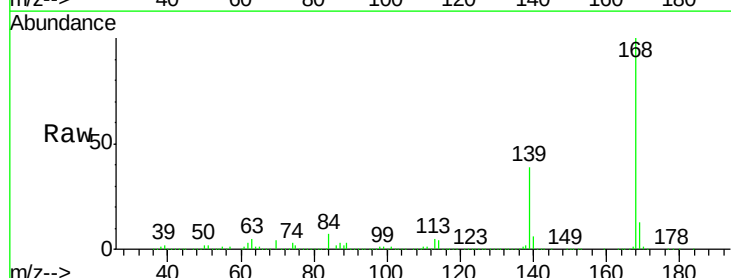
Manual Integrations
APPROVED

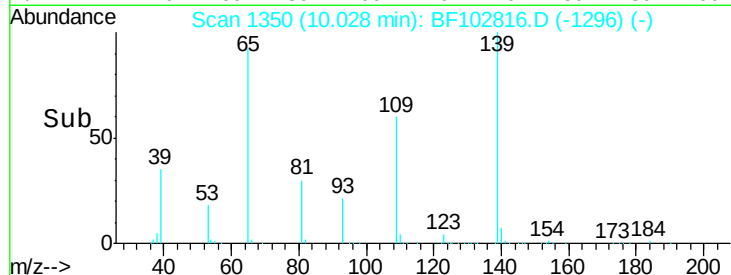
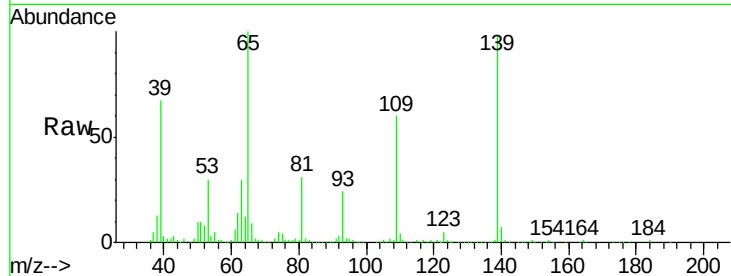
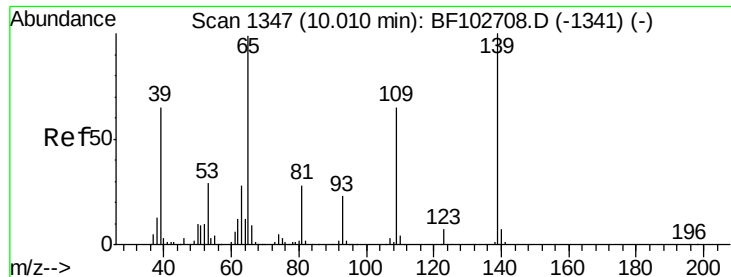
Sohil
4/13/2018 4:48:39 PM



#54
Dibenzofuran
Concen: 43.387 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.3	30.1	45.1
169	13.1	10.9	16.3





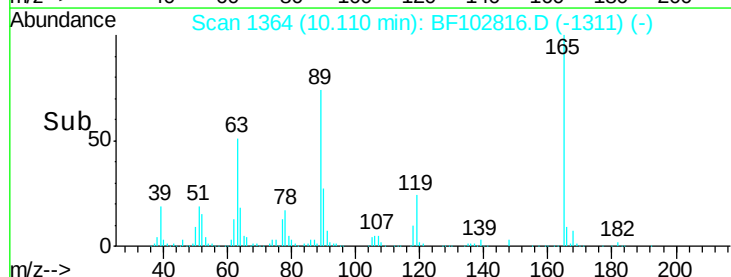
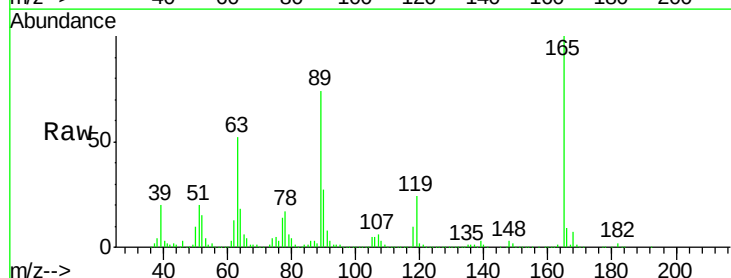
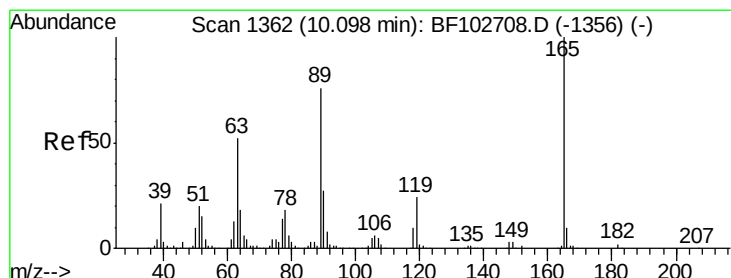
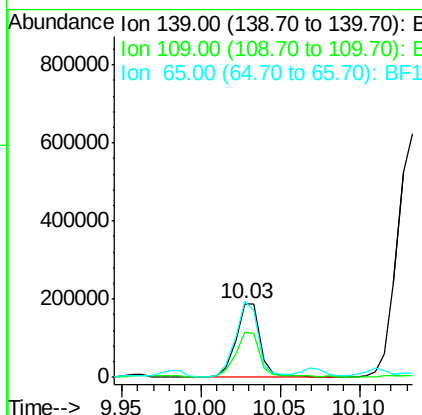
#55
4-Nitrophenol
Concen: 35.593 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.02 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

Instrument :
BNA_F
ClientSampleId :
LW-01-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	198097		
109	61.8	48.4	88.4	
65	102.4	72.6	112.6	

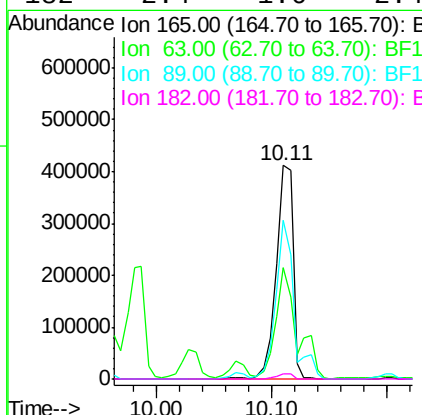
Manual Integrations
APPROVED

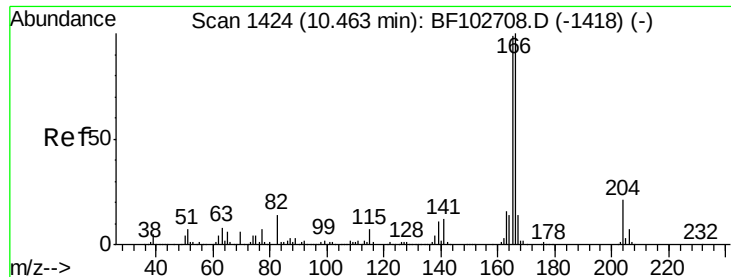
Sohil
4/13/2018 4:48:39 PM



#56
2,4-Dinitrotoluene
Concen: 52.480 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	417238		
63	52.3	36.4	54.6	
89	74.1	57.8	86.6	
182	2.4	1.6	2.4#	





#57

Fluorene

Concen: 43.561 ng

RT: 10.47 min Scan# 1426

Delta R.T. 0.01 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

Instrument :

BNA_F

ClientSampleId :

LW-01-BMSD

Tot Ion:166 Resp: 1092948

Ion Ratio Lower Upper

166 100

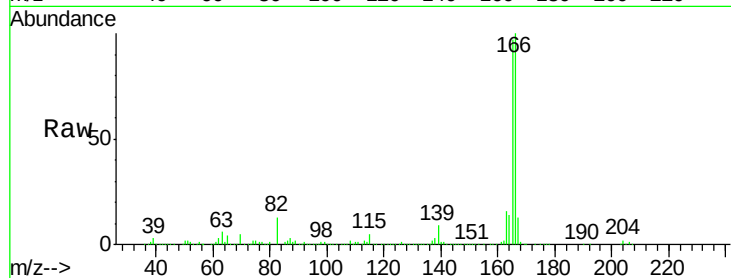
165 97.5 79.8 119.8

167 13.5 10.6 16.0

Manual Integrations
APPROVED

Sohil

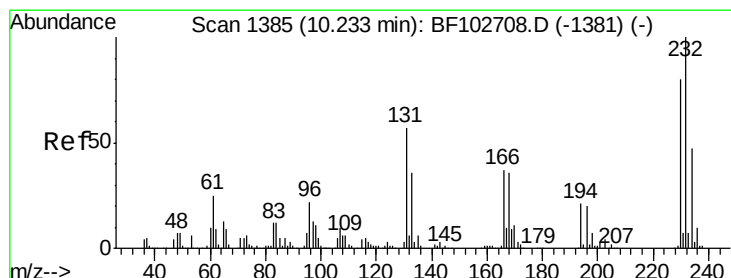
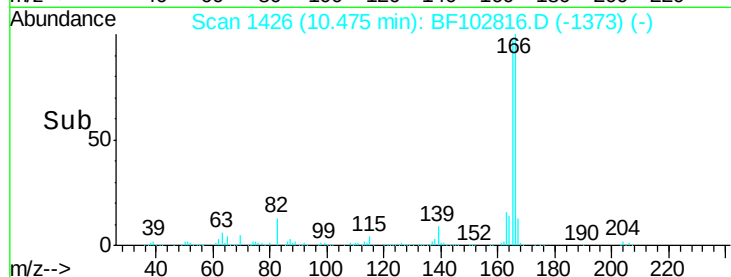
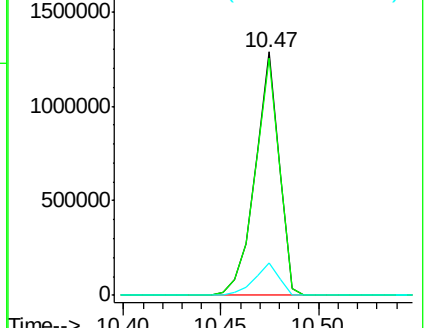
4/13/2018 4:48:39 PM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.036 ng

RT: 10.25 min Scan# 1387

Delta R.T. 0.01 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

Tgt Ion:232 Resp: 283277

Ion Ratio Lower Upper

232 100

131 54.0 43.8 65.8

130 3.7 2.1 3.1#

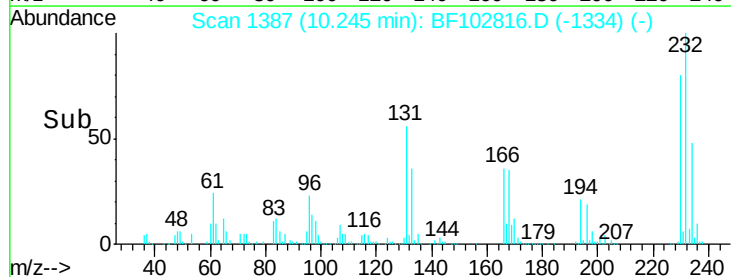
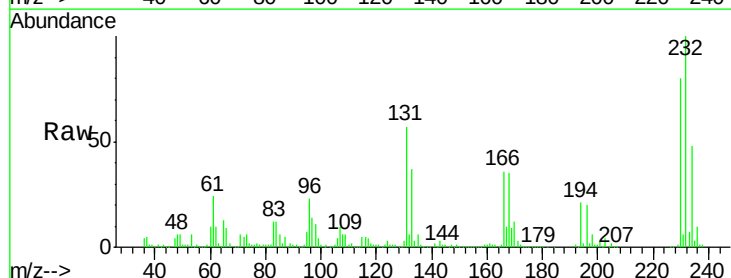
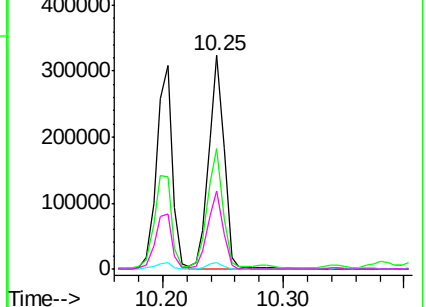
166 35.9 27.8 41.6

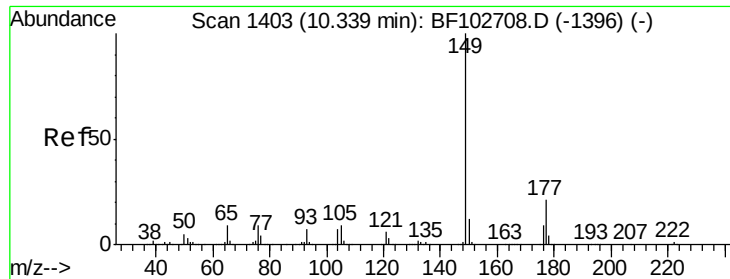
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





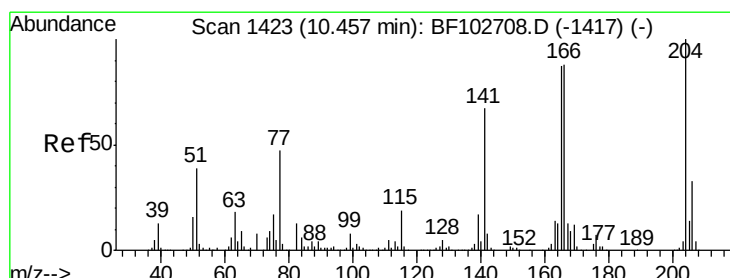
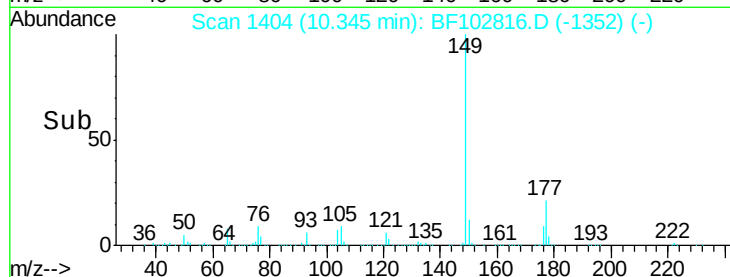
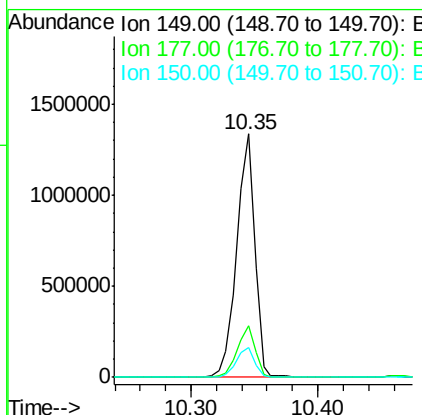
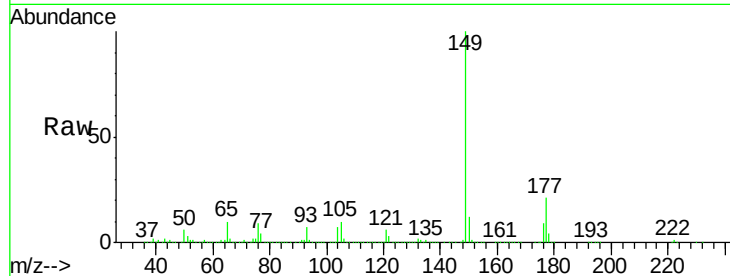
#59
Diethylphthalate
Concen: 42.646 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

Instrument :
BNA_F
ClientSampleId :
LW-01-BMSD

Tot Ion:149 Resp: 1304449
Ion Ratio Lower Upper
149 100
177 21.2 16.1 24.1
150 12.5 10.1 15.1

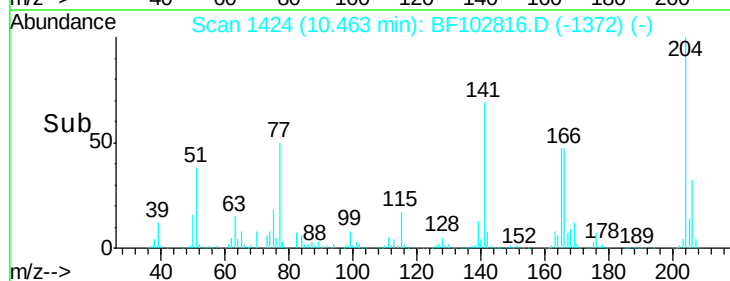
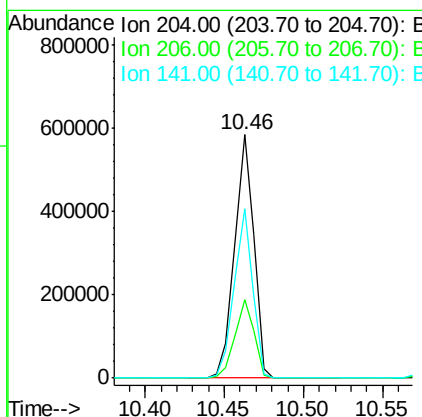
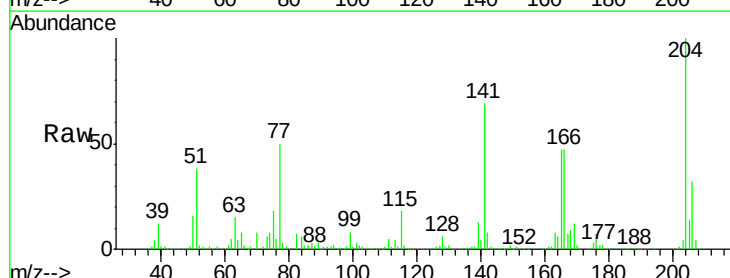
Manual Integrations
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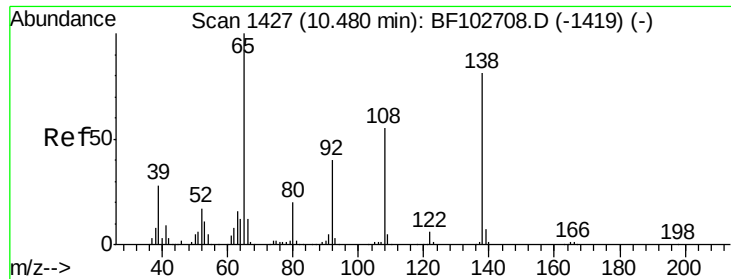
Sohil
4/13/2018 4:48:39 PM



#60
4-Chlorophenyl-phenylether
Concen: 44.399 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

Tgt Ion:204 Resp: 492786
Ion Ratio Lower Upper
204 100
206 32.1 26.5 39.7
141 69.4 54.6 81.8





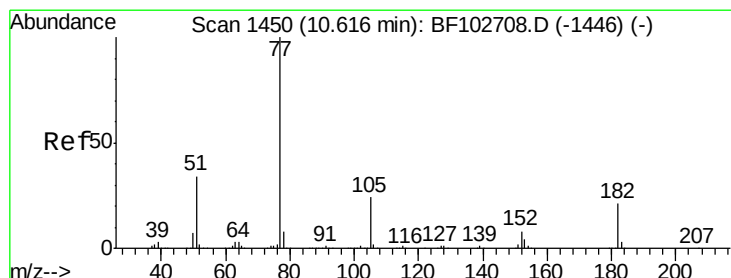
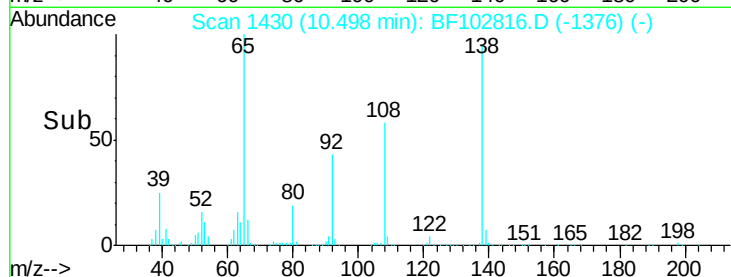
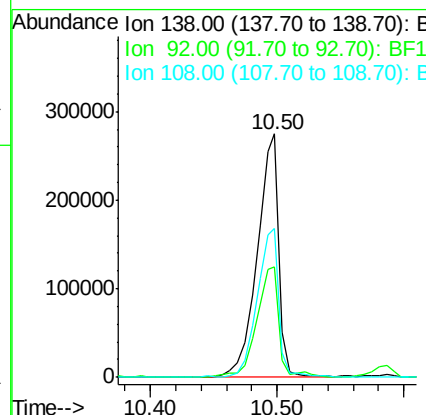
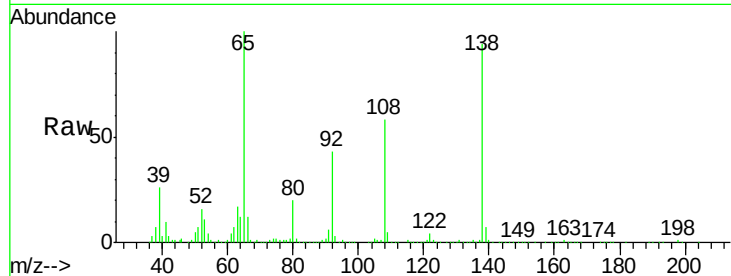
#61
4-Nitroaniline
Concen: 47.488 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.02 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

Instrument :
BNA_F
ClientSampleId :
LW-01-BMSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	45.2	30.2	70.2
108	61.0	52.5	92.5

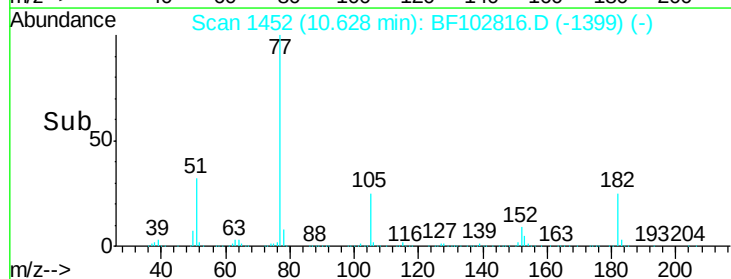
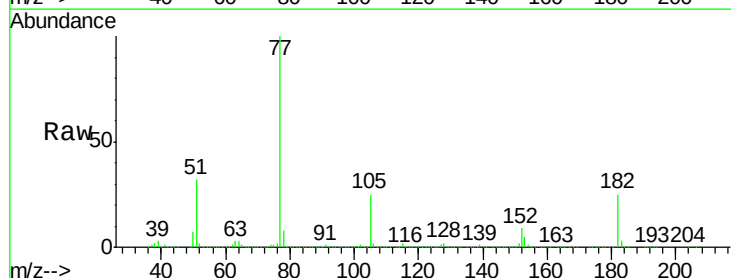
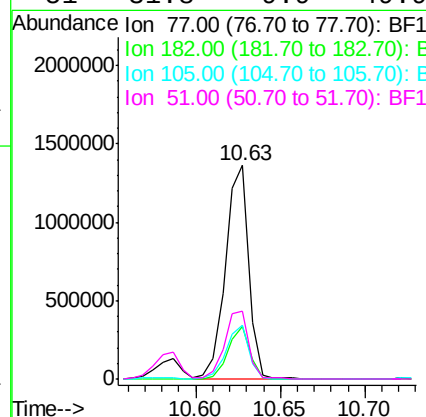
Manual Integrations
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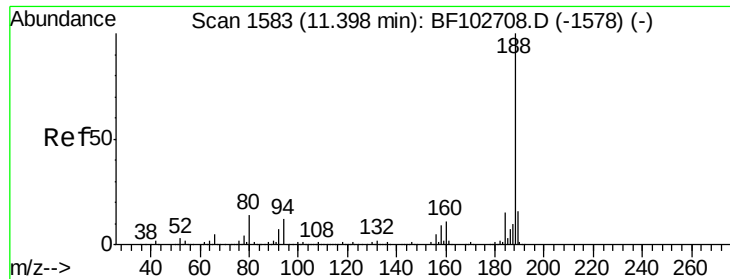
Sohil
4/13/2018 4:48:39 PM



#62
Azobenzene
Concen: 42.365 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.5	1.7	41.7
105	25.2	3.0	43.0
51	31.8	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.01 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

Instrument :

BNA_F

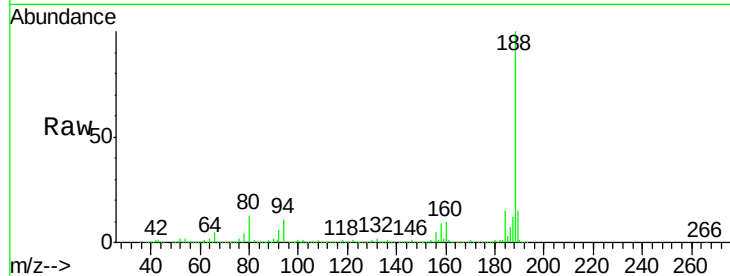
ClientSampleId :

LW-01-BMSD

Tot Ion:	188	Resp:	684121
Ion Ratio	Lower	Upper	
188	100		
94	11.5	8.5	12.7
80	12.6	9.2	13.8

Manual Integrations
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4/13/2018 4:48:39 PM

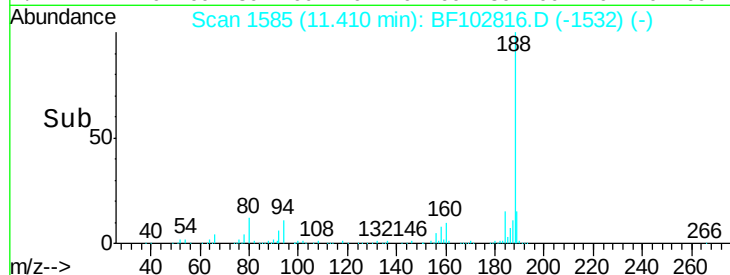


Abundance Ion 188.00 (187.70 to 188.70): E

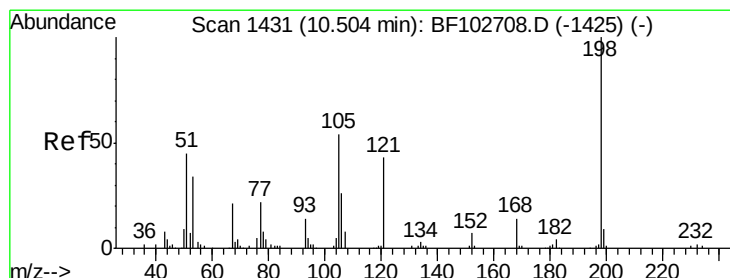
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 62.481 ng

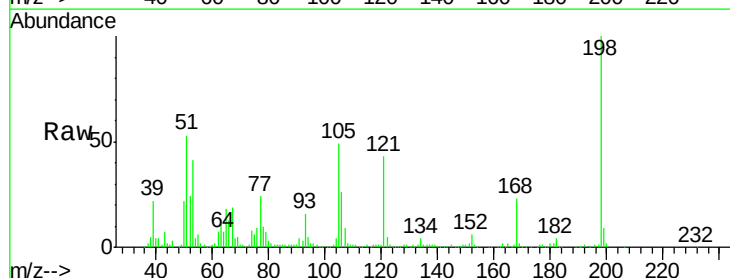
RT: 10.52 min Scan# 1434

Delta R.T. 0.02 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

Tgt Ion:	198	Resp:	195327
Ion Ratio	Lower	Upper	
198	100		
51	53.0	37.7	77.7
105	49.5	36.3	76.3

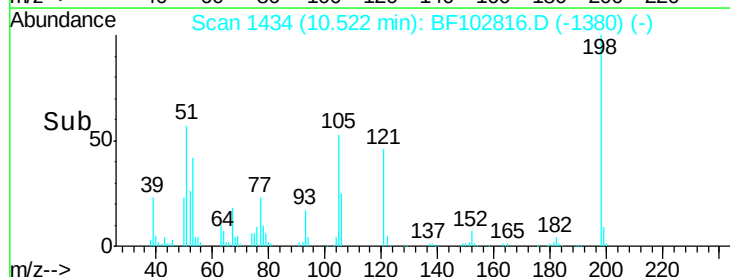


Abundance Ion 198.00 (197.70 to 198.70): E

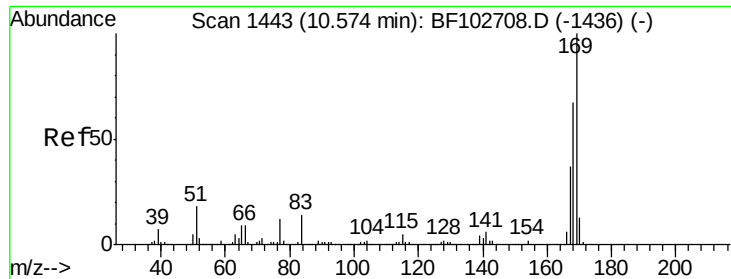
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

Time-->



Time-->



#65

n-Nitrosodiphenylamine

Concen: 43.314 ng

RT: 10.59 min Scan# 1445

Delta R.T. 0.01 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

Instrument :

BNA_F

ClientSampleId :

LW-01-BMSD

Tot Ion:169 Resp: 1045221

Ion Ratio Lower Upper

169 100

168 68.1 54.4 81.6

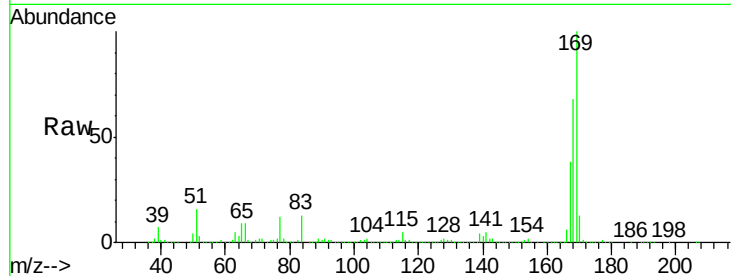
167 37.7 29.8 44.6

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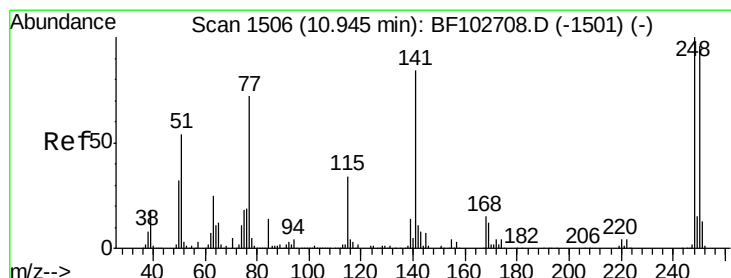
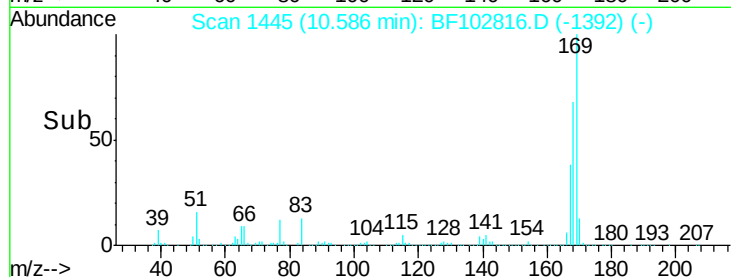
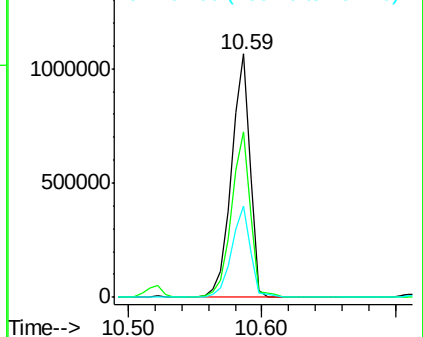
4/13/2018 4:48:39 PM



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.484 ng

RT: 10.96 min Scan# 1508

Delta R.T. 0.01 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

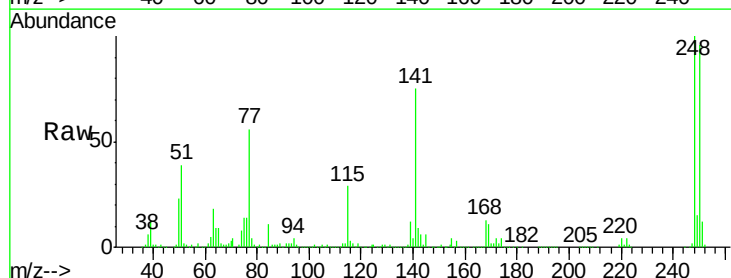
Tgt Ion:248 Resp: 321918

Ion Ratio Lower Upper

248 100

250 96.2 76.9 115.3

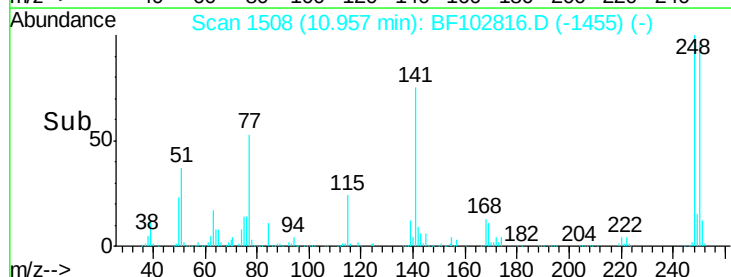
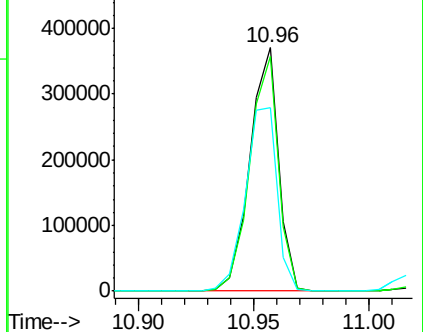
141 75.1 74.4 111.6

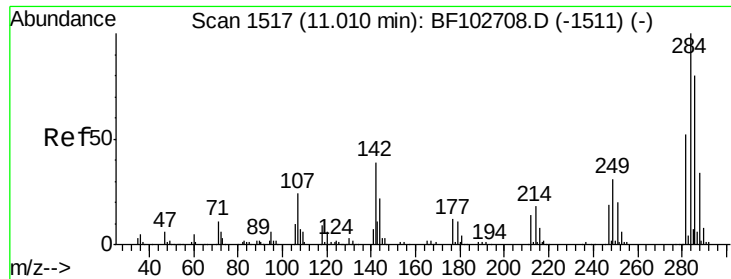


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 43.251 ng

RT: 11.02 min Scan# 1519

Delta R.T. 0.01 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

Instrument :

BNA_F

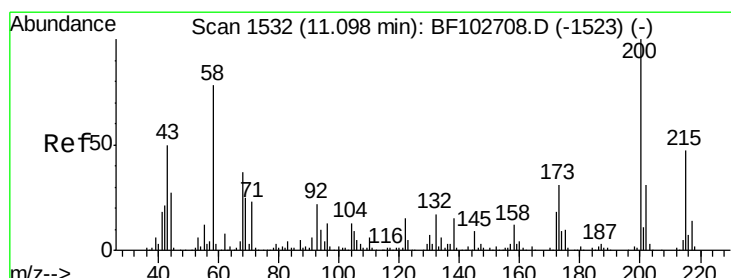
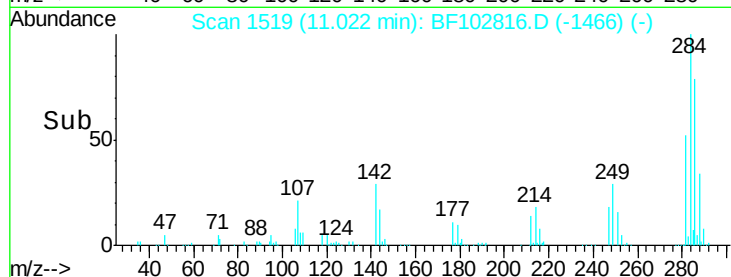
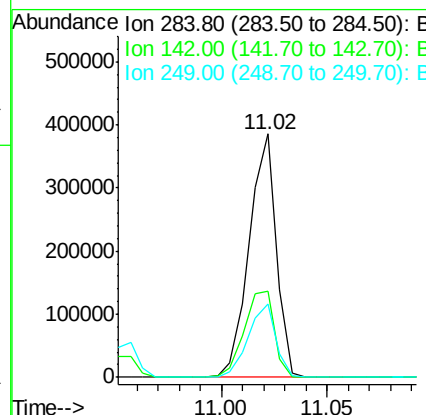
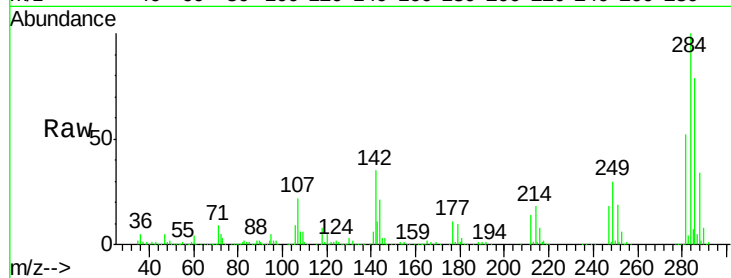
ClientSampled :

LW-01-BMSD

Tot Ion:	284	Resp:	345294
Ion Ratio	Lower	Upper	
284	100		
142	35.3	34.6	52.0
249	30.2	24.8	37.2

Manual Integrations
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4/13/2018 4:48:39 PM



#68

Atrazine

Concen: 44.489 ng

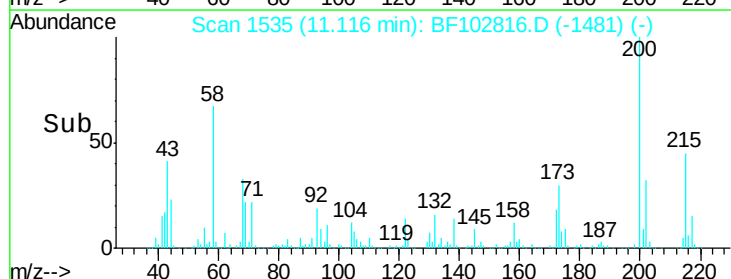
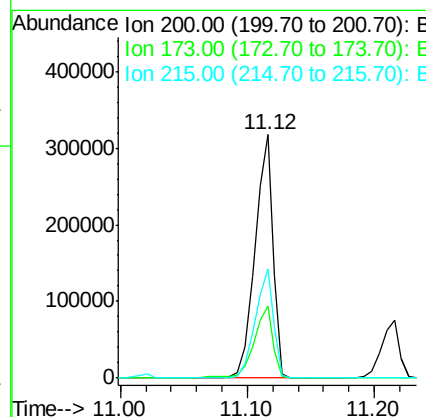
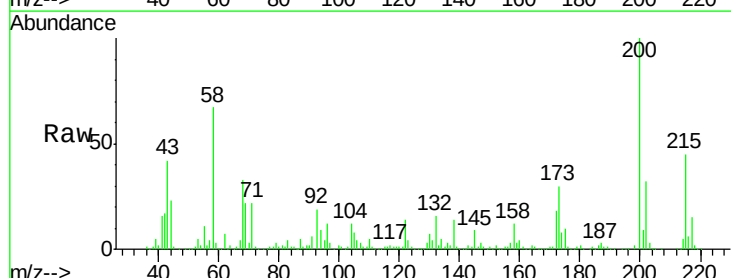
RT: 11.12 min Scan# 1535

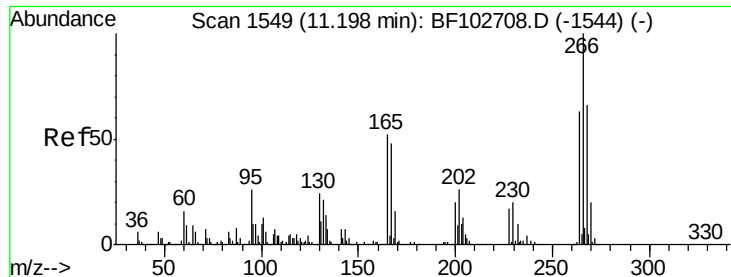
Delta R.T. 0.02 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

Tgt Ion:	200	Resp:	316714
Ion Ratio	Lower	Upper	
200	100		
173	29.7	8.6	48.6
215	45.0	25.1	65.1





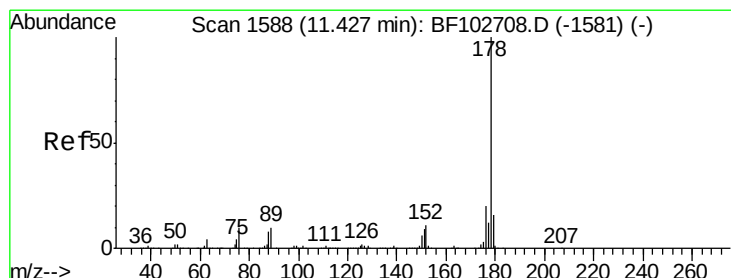
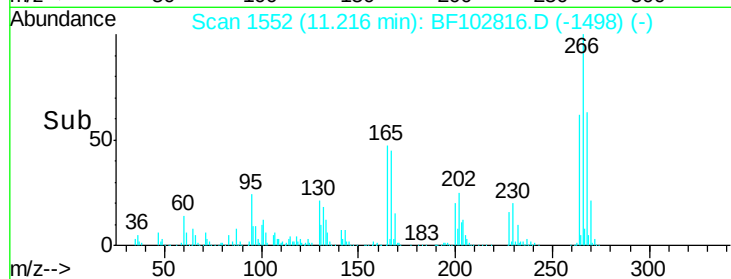
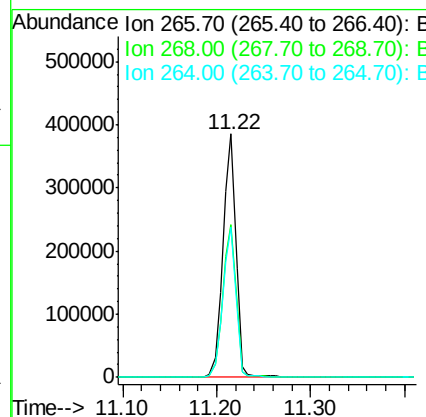
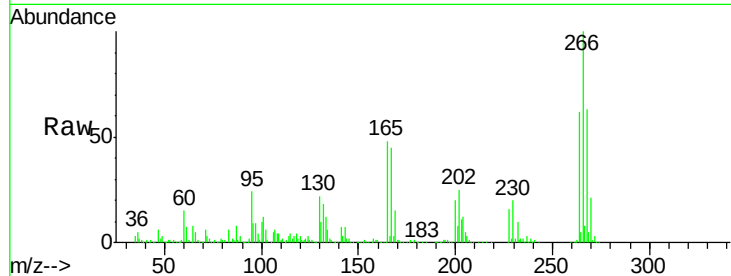
#69
 Pentachlorophenol
 Concen: 80.504 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.02 min
 Lab File: BF102816.D
 Acq: 7 Feb 2018 15:36

Instrument :
 BNA_F
 ClientSampled :
 LW-01-BMSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.7	51.1	76.7
264	61.8	49.5	74.3

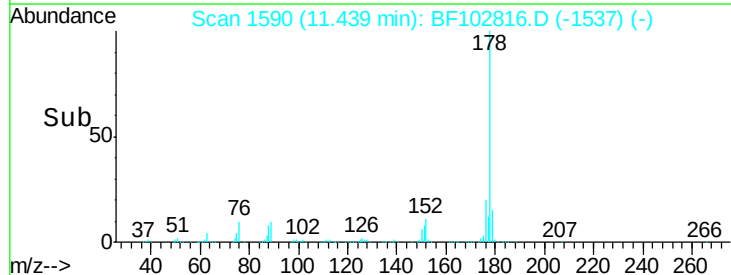
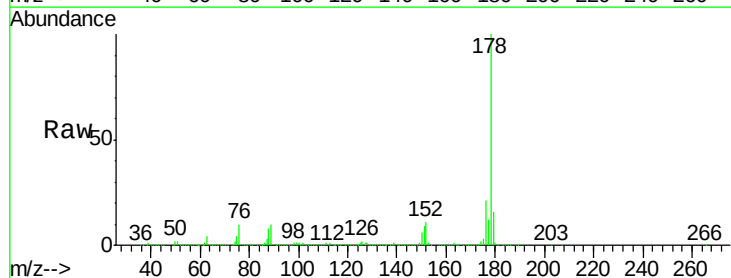
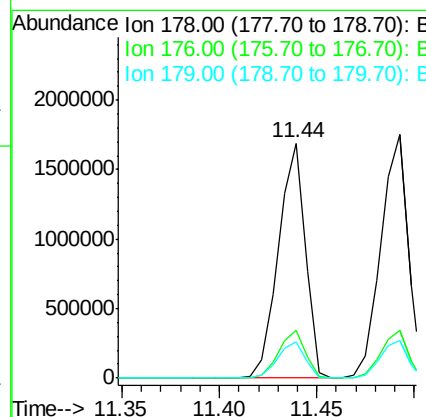
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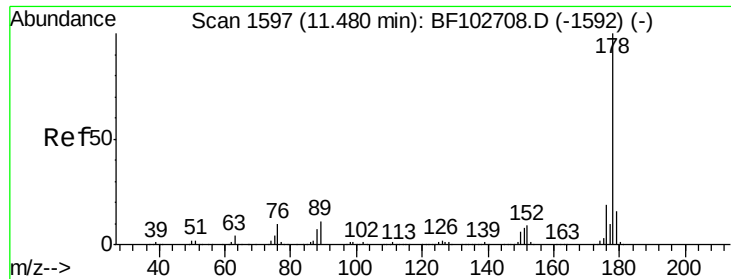
Sohil
 4/13/2018 4:48:39 PM



#70
 Phenanthrene
 Concen: 42.512 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. 0.01 min
 Lab File: BF102816.D
 Acq: 7 Feb 2018 15:36

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.8	23.8
179	15.6	13.0	19.6





#71
 Anthracene
 Concen: 43.581 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. 0.01 min
 Lab File: BF102816.D
 Acq: 7 Feb 2018 15:36

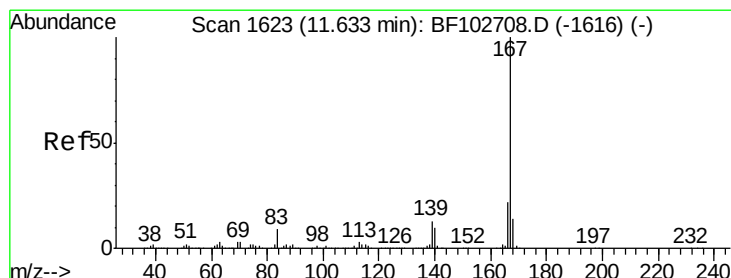
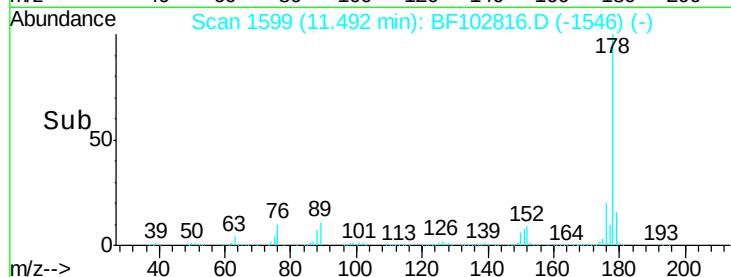
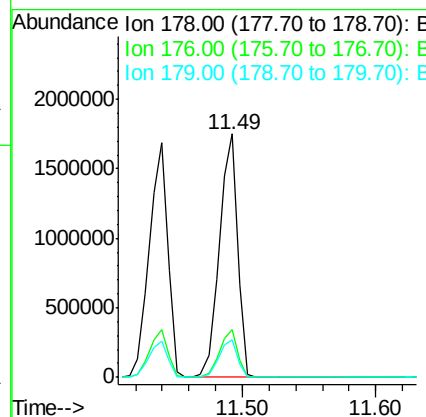
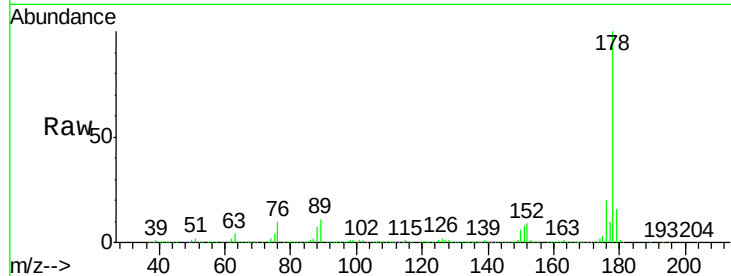
Instrument :
 BNA_F
 ClientSampleId :
 LW-01-BMSD

Tot Ion:178 Resp: 1688863

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	15.6	12.6	19.0

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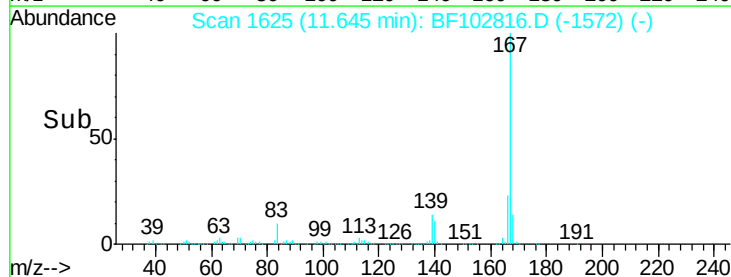
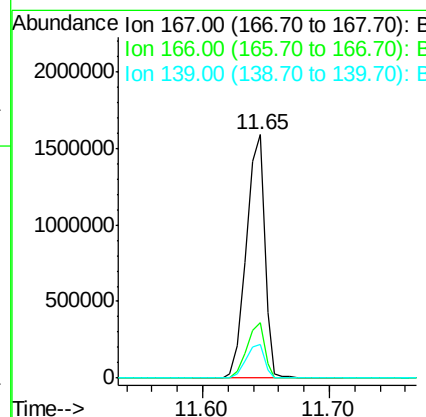
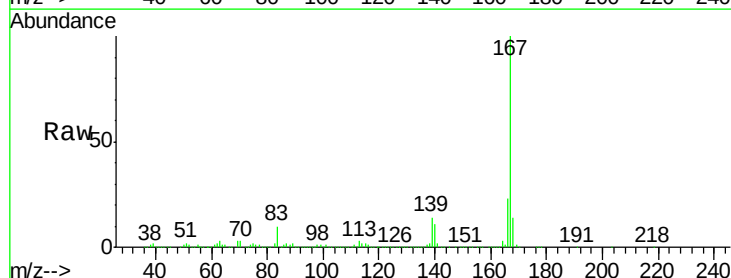
Sohil
 4/13/2018 4:48:39 PM

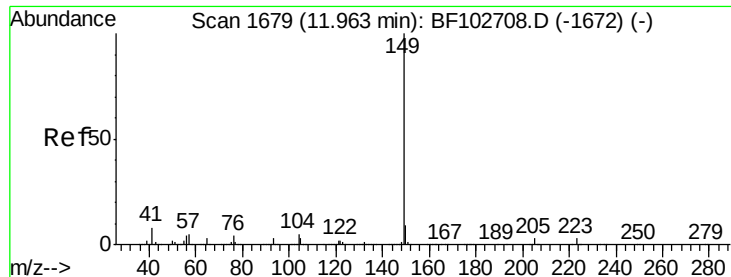


#72
 Carbazole
 Concen: 41.673 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. 0.01 min
 Lab File: BF102816.D
 Acq: 7 Feb 2018 15:36

Tgt Ion:167 Resp: 1582135

Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.6	26.4
139	13.7	10.9	16.3





#73

Di-n-butylphthalate

Concen: 43.138 ng

RT: 11.97 min Scan# 1680

Delta R.T. 0.01 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

Instrument :

BNA_F

ClientSampleId :

LW-01-BMSD

Tot Ion:149 Resp: 1989435

Ion Ratio Lower Upper

149 100

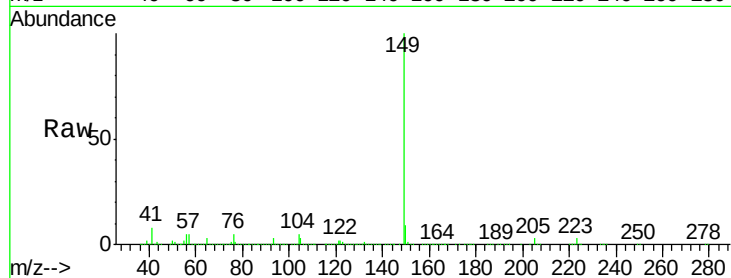
150 9.5 7.8 11.6

104 4.8 3.8 5.8

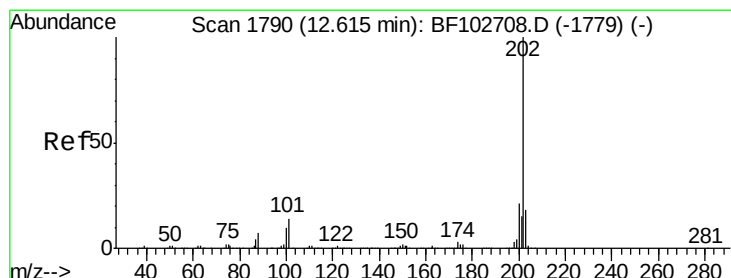
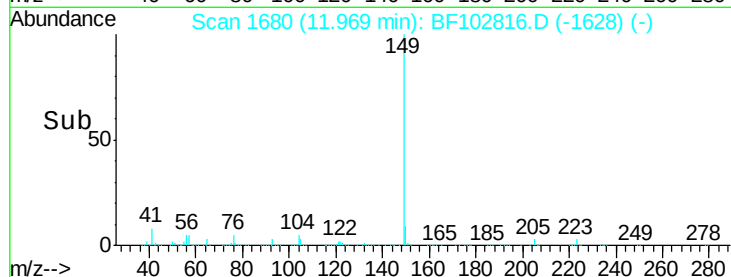
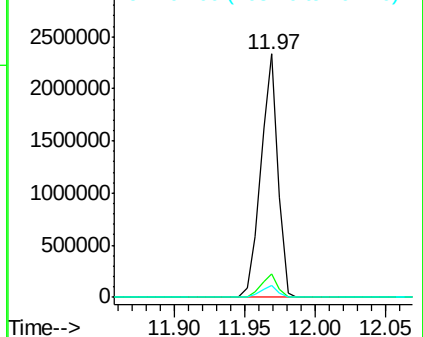
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.969 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.01 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

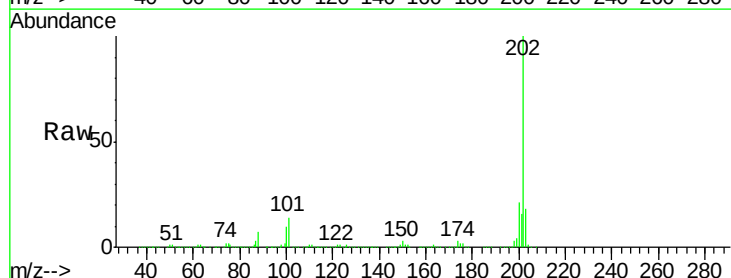
Tgt Ion:202 Resp: 1608828

Ion Ratio Lower Upper

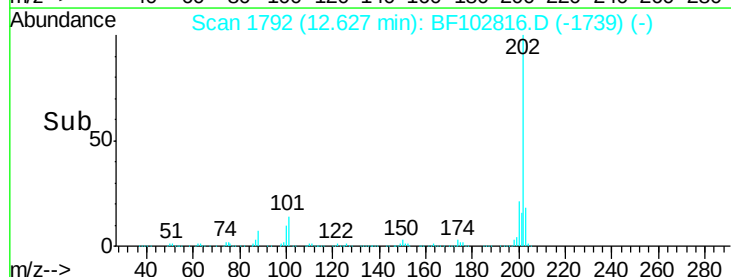
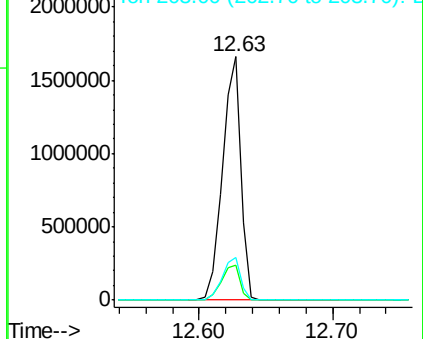
202 100

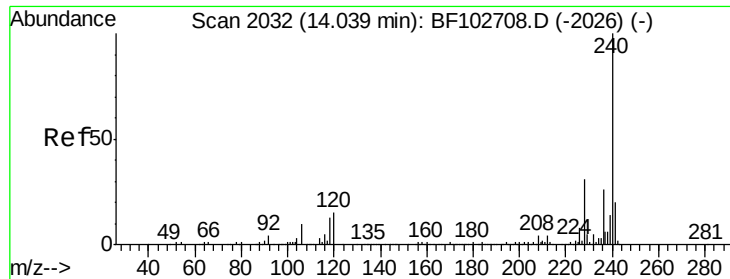
101 14.3 0.0 34.1

203 17.6 0.0 38.1



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.01 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

Instrument :

BNA_F

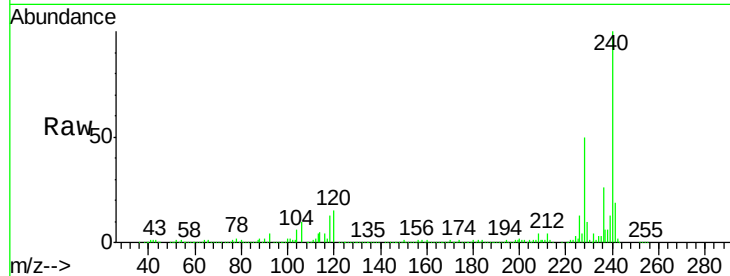
ClientSampleId :

LW-01-BMSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.1	9.5	14.3
236	25.8	20.7	31.1

Manual Integrations
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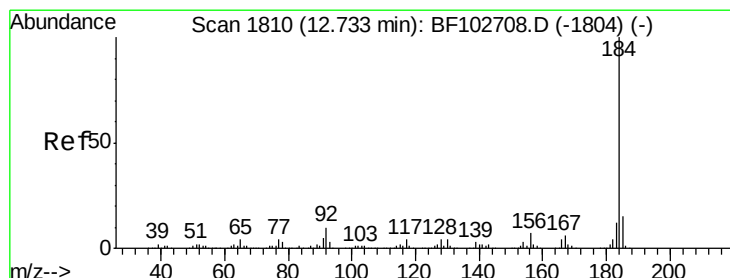
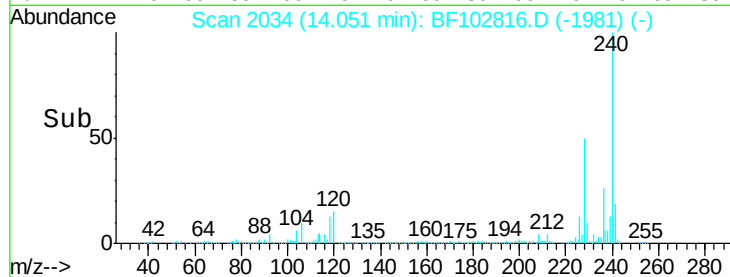
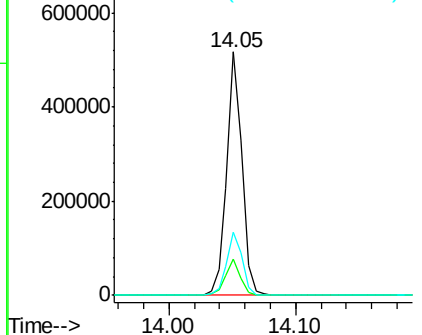
Sohil
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 9.253 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.01 min

Lab File: BF102816.D

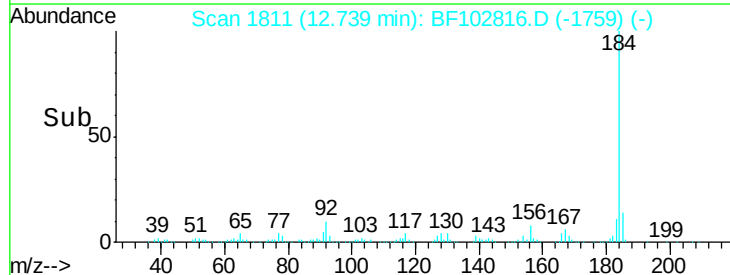
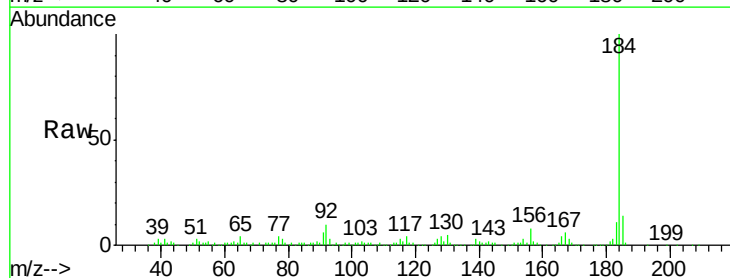
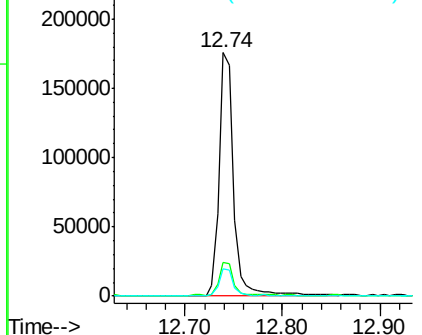
Acq: 7 Feb 2018 15:36

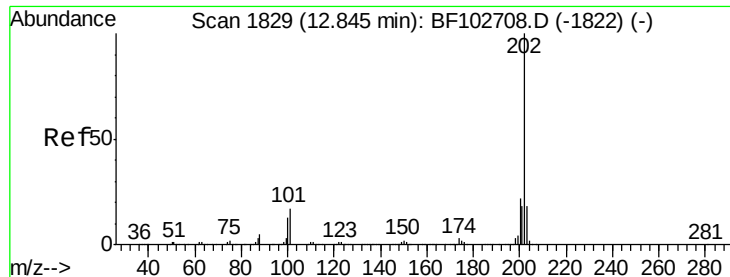
Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.9	12.6	18.8
183	11.4	9.3	13.9

Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 48.580 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.01 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

Instrument :

BNA_F

ClientSampleId :

LW-01-BMSD

Tot Ion:202 Resp: 1644452

Ion Ratio Lower Upper

202 100

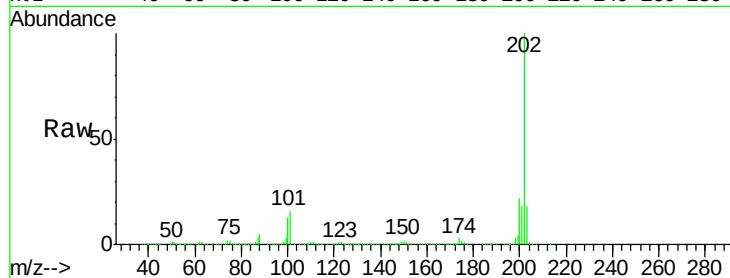
200 21.8 17.4 26.2

203 17.7 14.3 21.5

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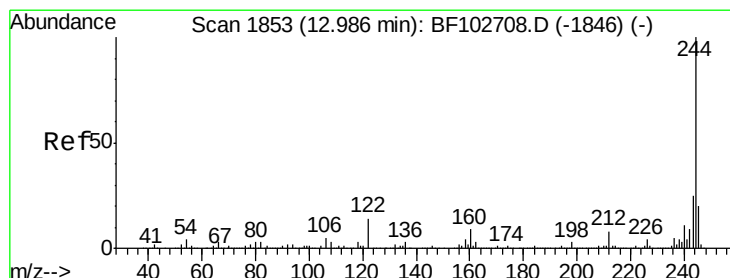
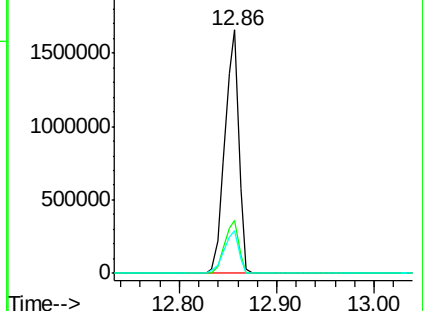
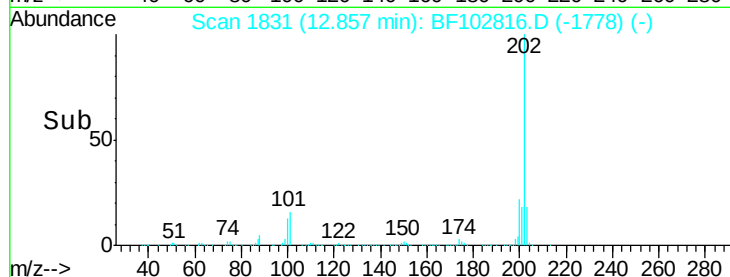
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 100.304 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.01 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

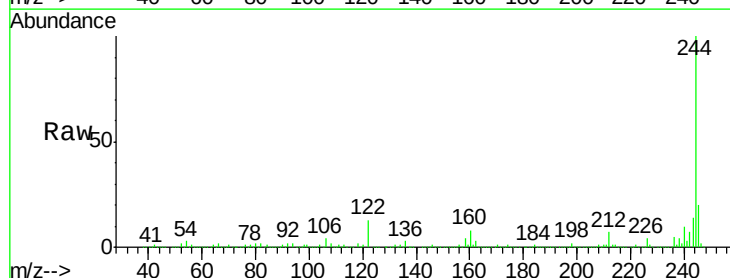
Tgt Ion:244 Resp: 1828692

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

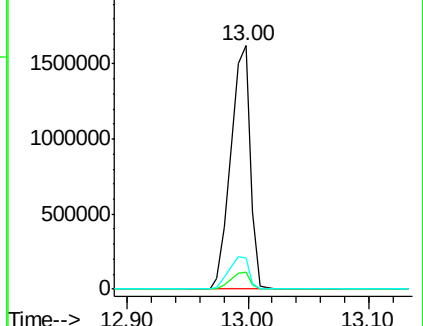
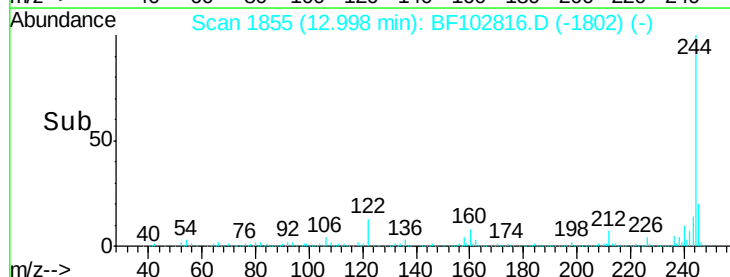
122 12.8 11.0 16.4

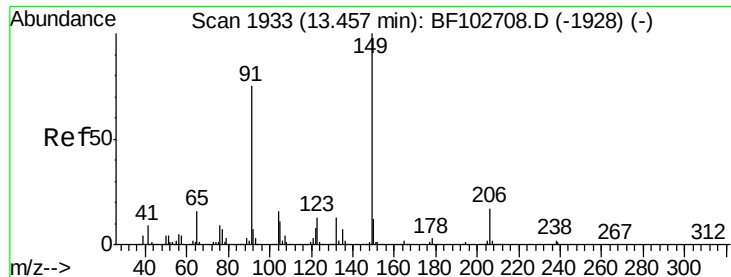


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





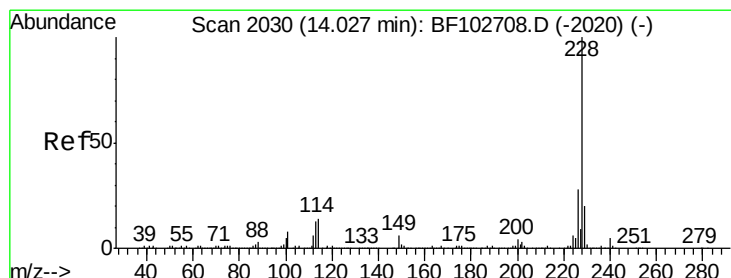
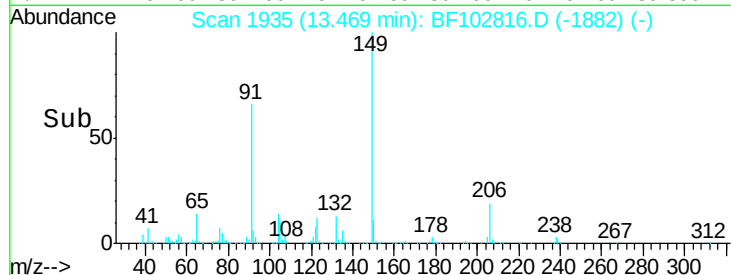
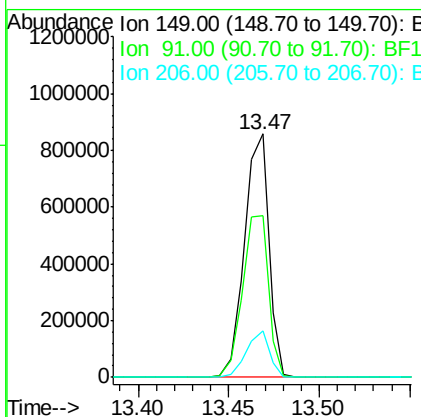
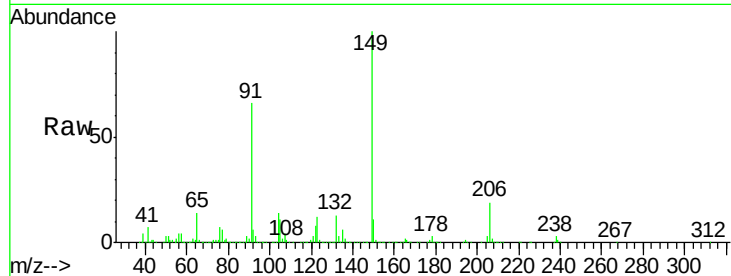
#79
Butylbenzylphthalate
Concen: 49.566 ng
RT: 13.47 min Scan# 1935
Delta R.T. 0.01 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

Instrument :
BNA_F
ClientSampleId :
LW-01-BMSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	66.5	56.8	85.2
206	18.9	14.1	21.1

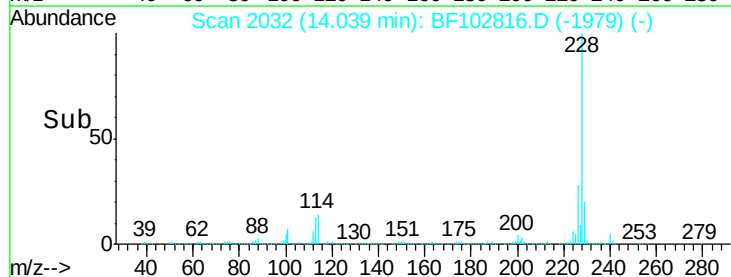
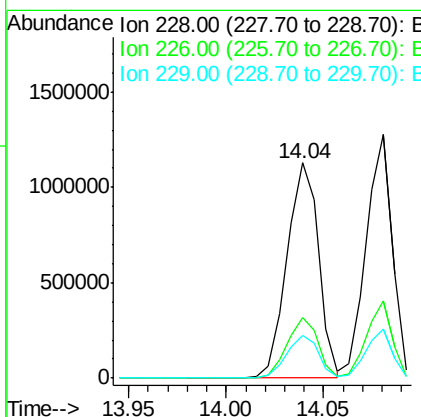
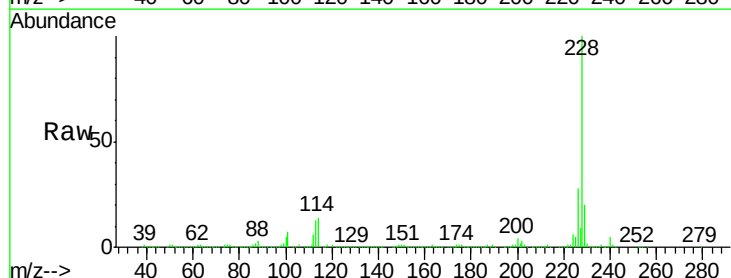
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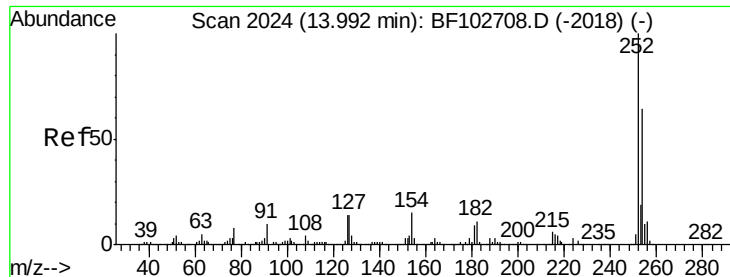
Sohil
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#80
Benzo(a)anthracene
Concen: 46.504 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.01 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	20.0	15.8	23.6





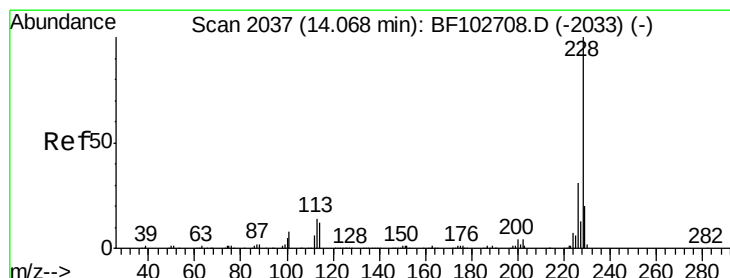
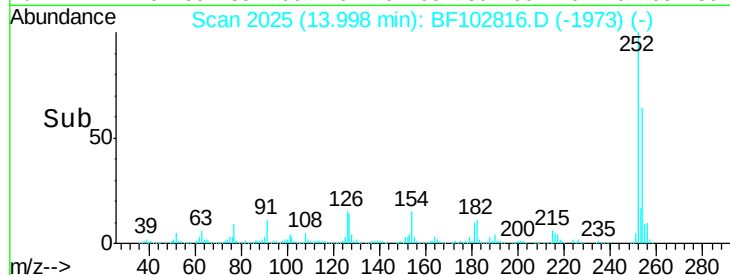
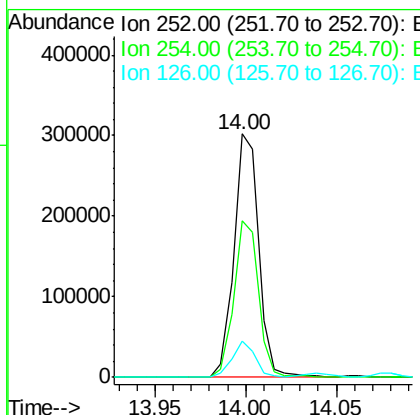
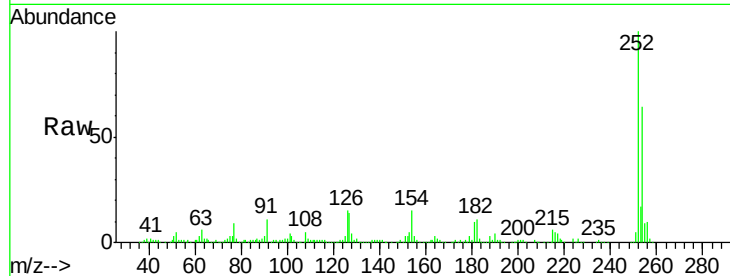
#81
 3,3'-Dichlorobenzidine
 Concen: 28.662 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.01 min
 Lab File: BF102816.D
 Acq: 7 Feb 2018 15:36

Instrument :
 BNA_F
 ClientSampleId :
 LW-01-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	288511		
254	64.1		50.4	75.6
126	15.1		11.3	16.9

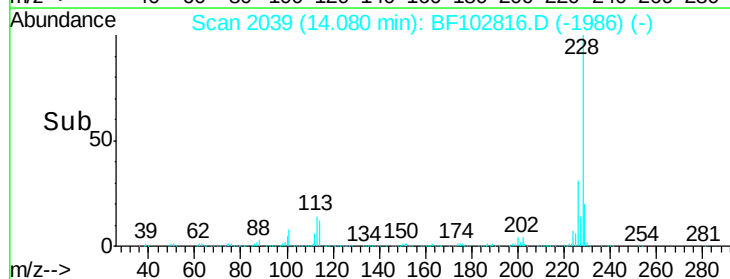
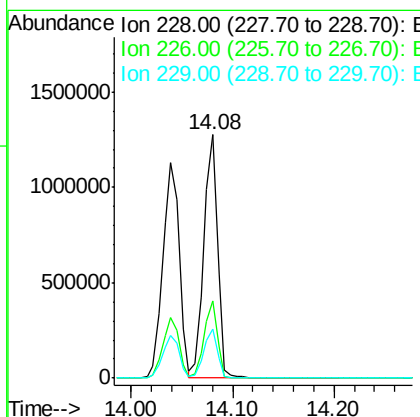
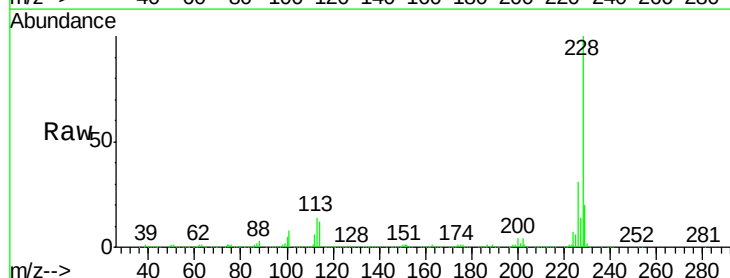
Manual Integrations
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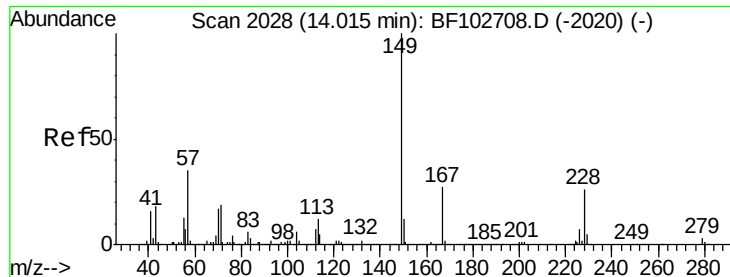
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#82
 Chrysene
 Concen: 43.894 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. 0.01 min
 Lab File: BF102816.D
 Acq: 7 Feb 2018 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1201260		
226	31.5		25.0	37.6
229	20.0		16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.071 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

Instrument :

BNA_F

ClientSampleId :

LW-01-BMSD

Tot Ion:149 Resp: 1017562

Ion Ratio Lower Upper

149 100

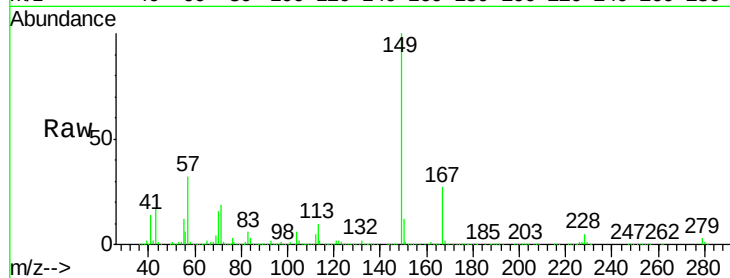
167 26.7 21.3 31.9

279 3.4 3.0 4.4

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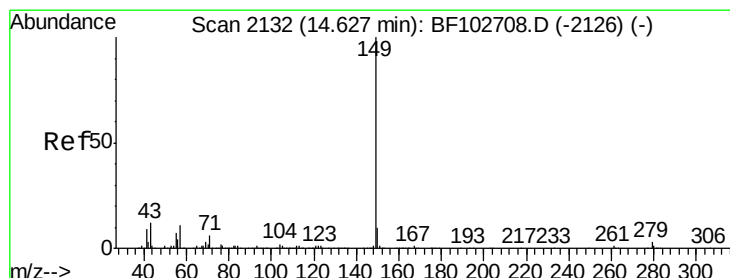
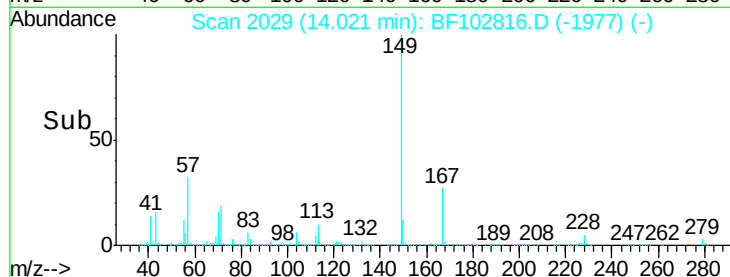
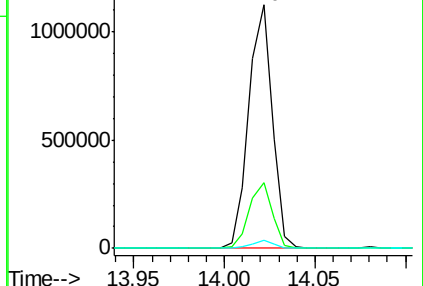
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 50.438 ng

RT: 14.63 min Scan# 2133

Delta R.T. 0.01 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

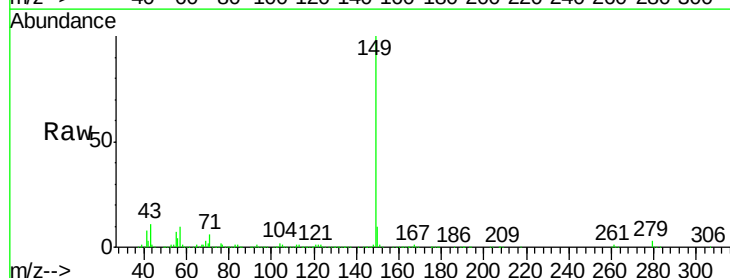
Tgt Ion:149 Resp: 1570458

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

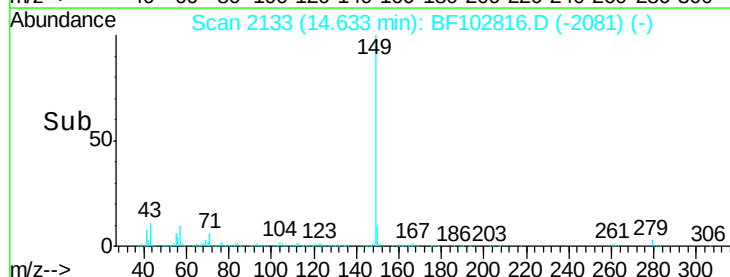
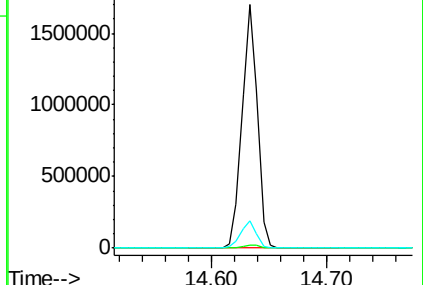
43 10.9 8.4 12.6

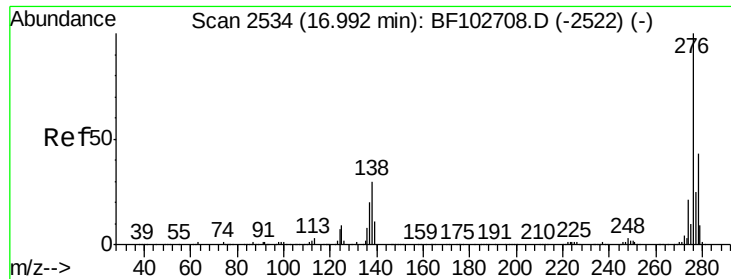


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 50.609 ng

RT: 17.03 min Scan# 2540

Delta R.T. 0.04 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

Instrument :

BNA_F

ClientSampled :

LW-01-BMSD

Tot Ion:276 Resp: 1148715

Ion Ratio Lower Upper

276 100

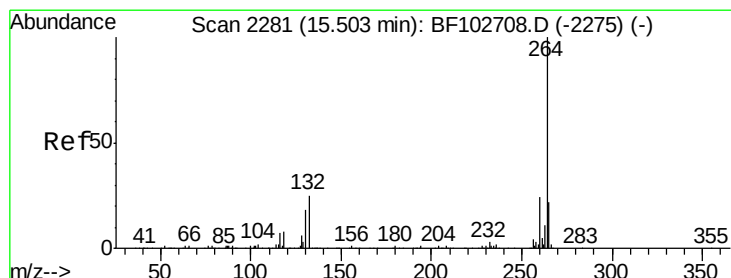
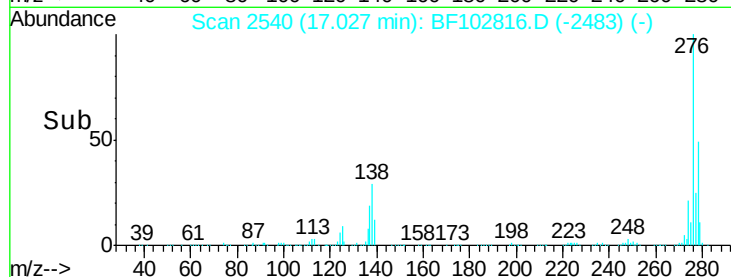
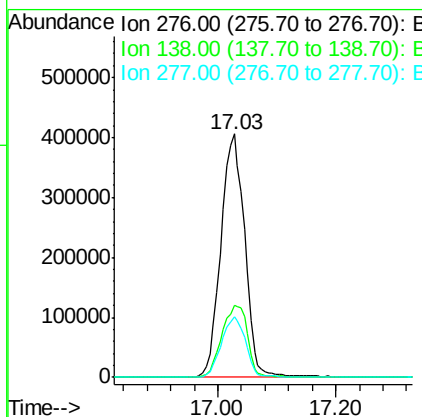
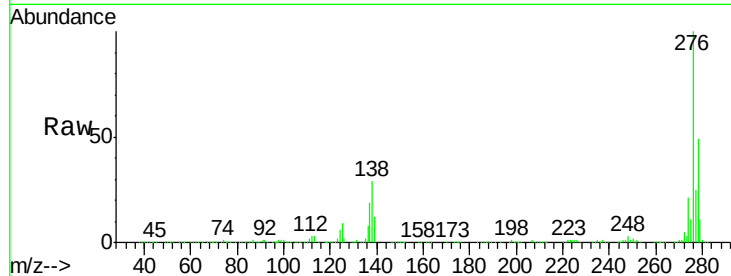
138 31.7 25.0 37.6

277 25.3 20.1 30.1

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#86

Perylene-d12

Concen: 20.000 ng

RT: 15.53 min Scan# 2285

Delta R.T. 0.02 min

Lab File: BF102816.D

Acq: 7 Feb 2018 15:36

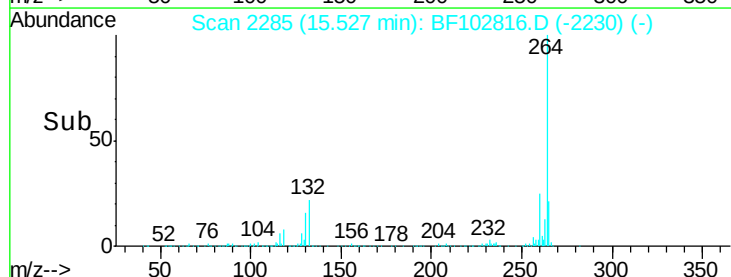
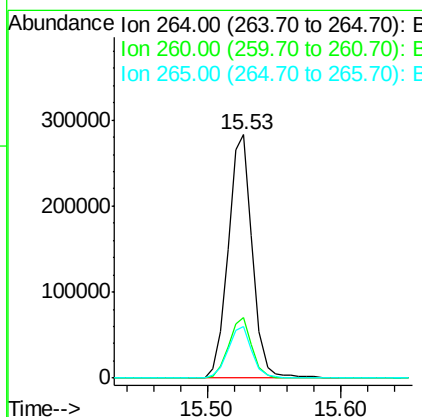
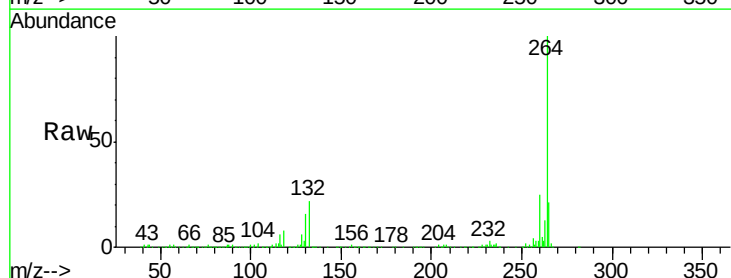
Tgt Ion:264 Resp: 357112

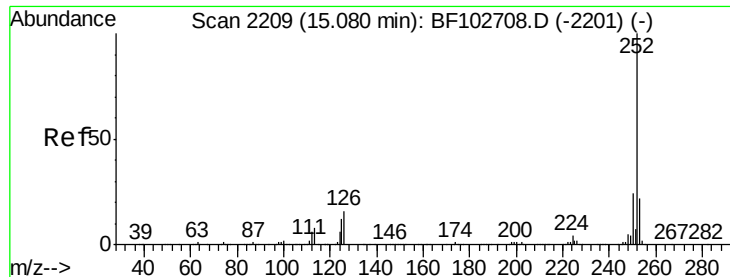
Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

265 21.3 17.5 26.3





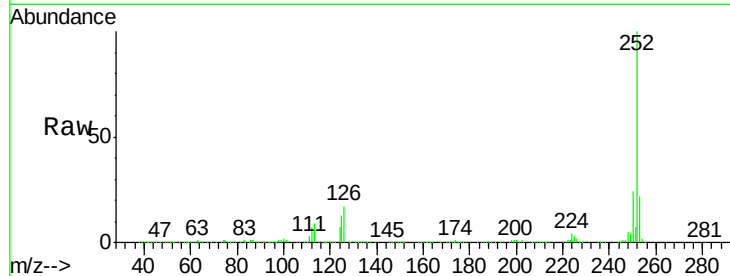
#87
Benzo(b)fluoranthene
Concen: 48.281 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

Instrument :
BNA_F
ClientSampleId :
LW-01-BMSD

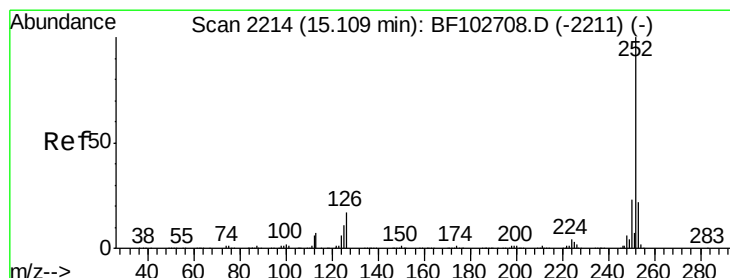
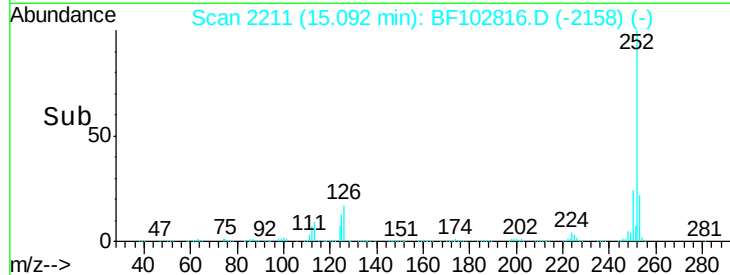
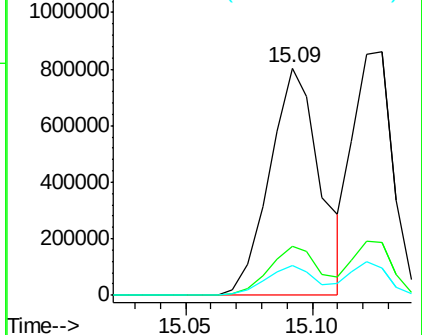
Tot Ion:252 Resp: 1117849
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.6
125 13.3 9.0 13.6

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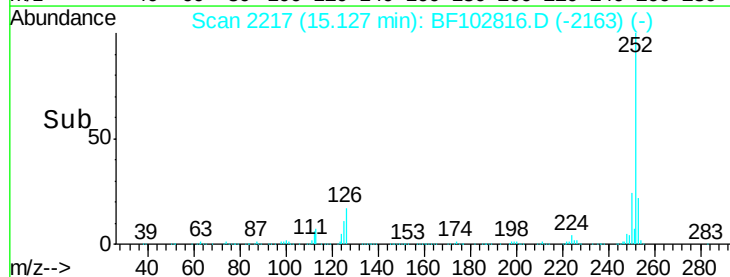
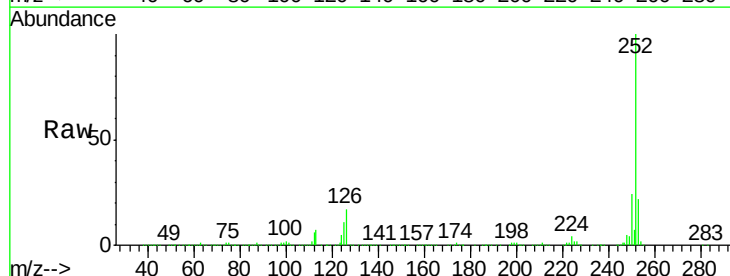
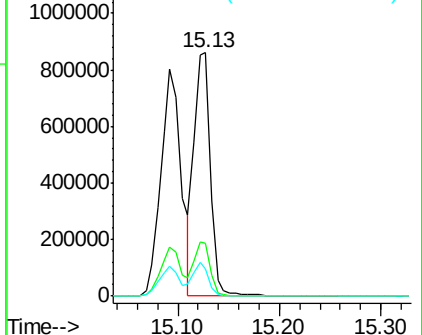
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

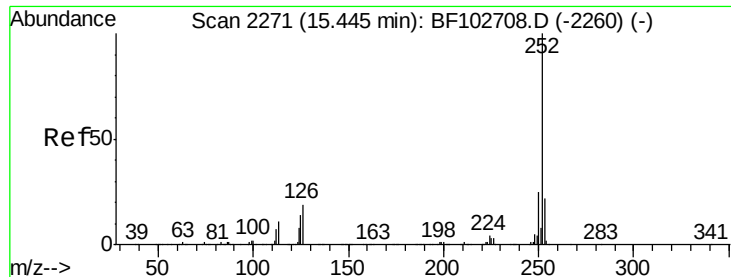


#88
Benzo(k)fluoranthene
Concen: 43.410 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.02 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

Tgt Ion:252 Resp: 960332
Ion Ratio Lower Upper
252 100
253 21.6 17.9 26.9
125 11.5 10.2 15.2

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





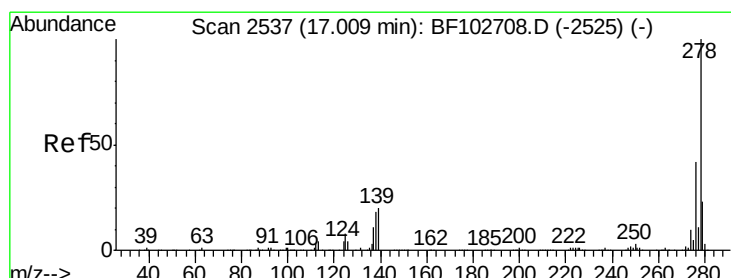
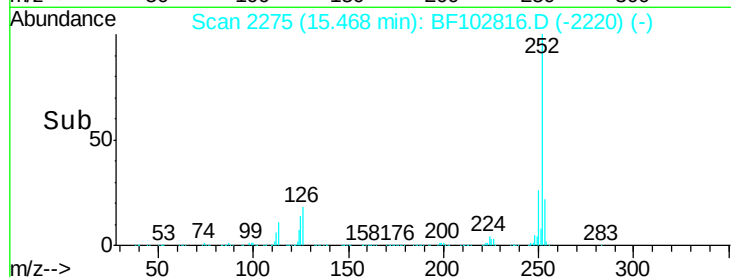
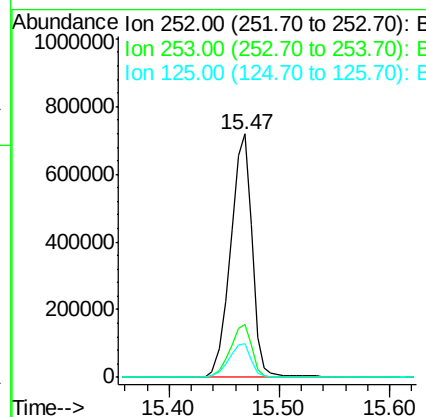
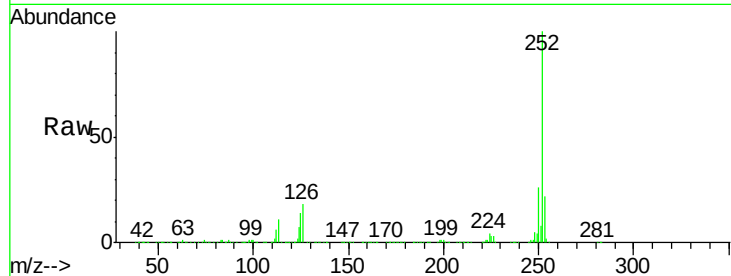
#89
Benzo(a)pyrene
Concen: 47.207 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.02 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

Instrument :
BNA_F
ClientSampleId :
LW-01-BMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	13.8	9.8	14.6

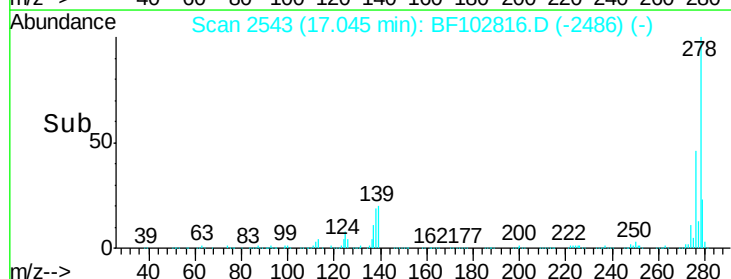
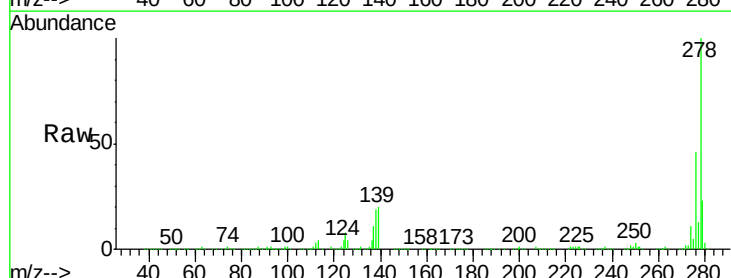
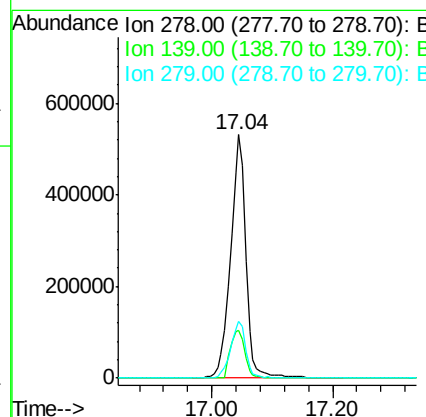
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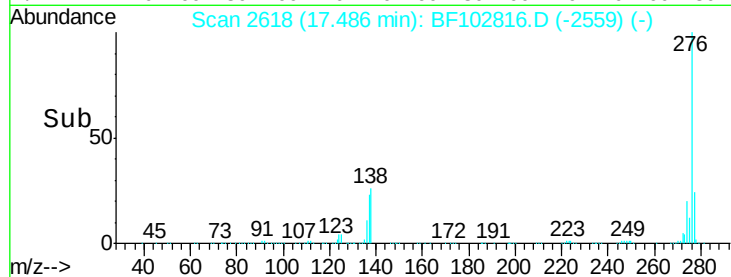
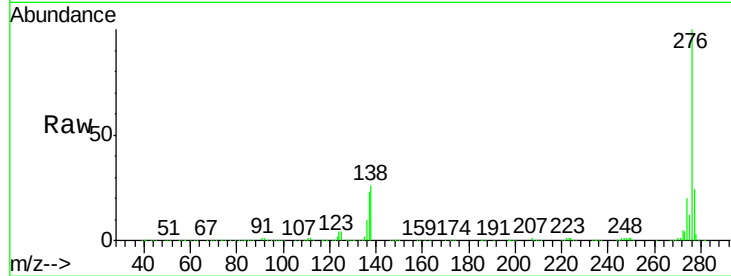
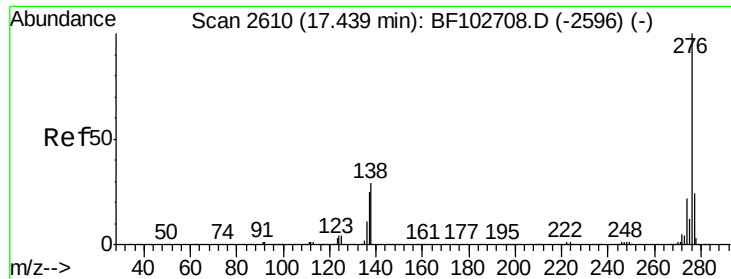
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 55.612 ng
RT: 17.04 min Scan# 2543
Delta R.T. 0.04 min
Lab File: BF102816.D
Acq: 7 Feb 2018 15:36

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.6	15.9	23.9
279	23.5	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 61.611 ng
 RT: 17.49 min Scan# 2618
 Delta R.T. 0.05 min
 Lab File: BF102816.D
 Acq: 7 Feb 2018 15:36

Tot Ion:	276	Resp:	1020077
Ion Ratio	Lower	Upper	
276	100		
277	24.0	17.9	26.9
138	26.4	21.8	32.8

Instrument :
 BNA_F
 ClientSampleId :
 LW-01-BMSD

Manual Integrations
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