

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
 Data File : BF112122.D
 Acq On : 18 Jan 2019 12:52
 Operator : JU/SJ
 Sample : K1157-13MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-07-011519MSD

Quant Time: Jan 18 14:18:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 16 18:22:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	313776	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1185750	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	570171	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	953876	20.00	ng	0.00
76) Chrysene-d12	14.03	240	635103	20.00	ng	0.00
87) Perylene-d12	15.50	264	663891	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	2284124	132.13	ng	0.01
7) Phenol-d6	6.52	99	2862782	132.36	ng	0.00
23) Nitrobenzene-d5	7.43	82	1877267	109.38	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	787847	128.09	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	3194916	82.15	ng	0.00
79) Terphenyl-d14	12.97	244	2504755	83.90	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.69	88	306658	37.822	ng	99
3) Pyridine	3.45	79	810825	39.929	ng	99
4) n-Nitrosodimethylamine	3.40	42	414405	50.261	ng	97
6) Aniline	6.53	93	398496	15.148	ng	# 1
8) 2-Chlorophenol	6.66	128	941563	46.896	ng	100
9) Benzaldehyde	6.40	77	251067	17.419	ng	99
10) Phenol	6.53	94	1090420	46.129	ng	79
11) bis(2-Chloroethyl)ether	6.60	93	856157	45.551	ng	99
12) 1,3-Dichlorobenzene	6.80	146	1026687	44.808	ng	98
13) 1,4-Dichlorobenzene	6.87	146	1036104	44.207	ng	99
14) 1,2-Dichlorobenzene	7.03	146	963232	44.616	ng	98
15) Benzyl Alcohol	7.00	79	772020	47.908	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1145593	42.266	ng	74
17) 2-Methylphenol	7.13	107	734303	48.699	ng	# 92
18) Hexachloroethane	7.37	117	361693	46.237	ng	100
19) n-Nitroso-di-n-propylamine	7.27	70	619142	46.988	ng	99
20) 3+4-Methylphenols	7.27	107	920941	50.374	ng	# 84
22) Acetophenone	7.27	105	1209872	44.042	ng	98
24) Nitrobenzene	7.45	77	952309	52.356	ng	94
25) Isophorone	7.68	82	1706433	51.476	ng	98
26) 2-Nitrophenol	7.76	139	517623	54.529	ng	95
27) 2,4-Dimethylphenol	7.80	122	815247	52.980	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	1100942	48.416	ng	100
29) 2,4-Dichlorophenol	8.01	162	824679	49.060	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	892592	45.756	ng	99
31) Naphthalene	8.16	128	2589774	48.020	ng	99
32) Benzoic acid	7.93	122	328007	46.767	ng	94
33) 4-Chloroaniline	8.21	127	222228	9.169	ng	99
34) Hexachlorobutadiene	8.28	225	470043	43.298	ng	99
35) Caprolactam	8.59	113	158234	26.895	ng	99
36) 4-Chloro-3-methylphenol	8.71	107	795287	48.440	ng	100
37) 2-Methylnaphthalene	8.86	142	1820719	49.716	ng	98
38) 1-Methylnaphthalene	8.96	142	1724912	49.009	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	849456	46.396	ng	99

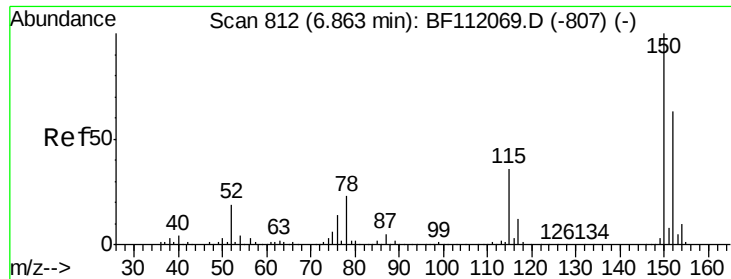
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	448191	63.107	ng	98
43) 2,4,6-Trichlorophenol	9.14	196	576784	52.661	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	597164	51.191	ng	99
46) 1,1'-Biphenyl	9.32	154	2160329	45.313	ng	98
47) 2-Chloronaphthalene	9.35	162	1684654	45.142	ng	98
48) 2-Nitroaniline	9.44	65	469025	55.797	ng	91
49) Acenaphthylene	9.76	152	2600898	47.758	ng	99
50) Dimethylphthalate	9.62	163	2324462	55.901	ng	100
51) 2,6-Dinitrotoluene	9.68	165	466219	56.144	ng #	86
52) Acenaphthene	9.93	154	1504289	45.146	ng	100
53) 3-Nitroaniline	9.85	138	237157	25.539	ng #	96
54) 2,4-Dinitrophenol	9.96	184	200519	76.146	ng	95
55) Dibenzofuran	10.10	168	2258695	44.824	ng	97
56) 4-Nitrophenol	10.03	139	545896	82.092	ng	99
57) 2,4-Dinitrotoluene	10.09	165	581497	53.926	ng	90
58) Fluorene	10.44	166	1728506	45.911	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.23	232	460445	52.307	ng	100
60) Diethylphthalate	10.32	149	1946327	47.952	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	865339	42.595	ng	94
62) 4-Nitroaniline	10.47	138	373226	40.476	ng	95
63) Azobenzene	10.60	77	1661967	42.757	ng	95
65) 4,6-Dinitro-2-methylphenol	10.50	198	183888	46.595	ng	89
66) n-Nitrosodiphenylamine	10.56	169	1583869	50.227	ng	99
67) 4-Bromophenyl-phenylether	10.93	248	544908	49.181	ng	93
68) Hexachlorobenzene	11.00	284	560028	46.923	ng #	92
69) Atrazine	11.08	200	501795	49.313	ng	96
70) Pentachlorophenol	11.20	266	471905	82.065	ng	98
71) Phenanthrene	11.41	178	2350993	48.974	ng	99
72) Anthracene	11.46	178	2310882	47.521	ng	99
73) Carbazole	11.62	167	1938774	39.799	ng	98
74) Di-n-butylphthalate	11.94	149	2571165	46.922	ng	99
75) Fluoranthene	12.60	202	2153886	42.496	ng	99
77) Benzidine	12.71	184	332063	15.671	ng	95
78) Pyrene	12.83	202	2122798	50.662	ng	99
80) Butylbenzylphthalate	13.44	149	935421	50.887	ng	99
81) Benzo(a)anthracene	14.02	228	1808818	49.672	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	444251	32.576	ng	99
83) Chrysene	14.05	228	1711721	49.677	ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	1366335	51.863	ng	100
85) Di-n-octyl phthalate	14.61	149	2095088	51.614	ng	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	1726444	54.309	ng	98
88) Benzo(b)fluoranthene	15.07	252	2015745	53.489	ng	99
89) Benzo(k)fluoranthene	15.10	252	1645220	45.106	ng	99
90) Benzo(a)pyrene	15.44	252	1788852	51.761	ng	99
91) Dibenzo(a,h)anthracene	17.00	278	1439264	46.889	ng	99
92) Benzo(g,h,i)perylene	17.43	276	1346762	44.536	ng	99

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

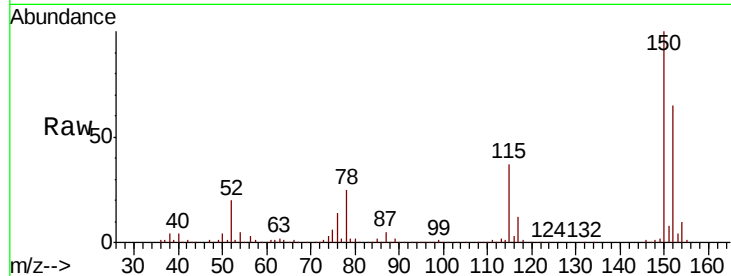


#1

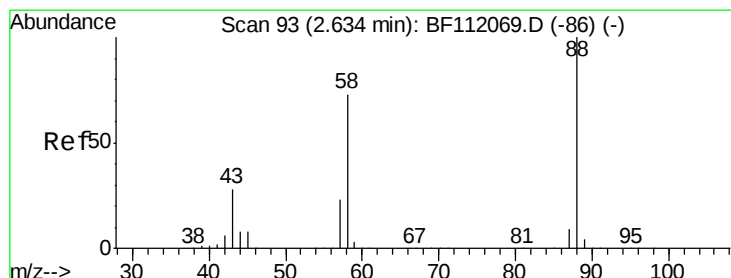
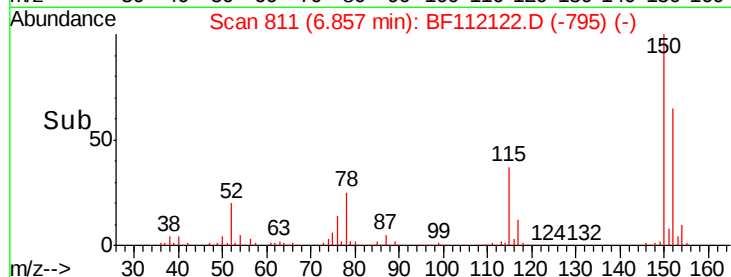
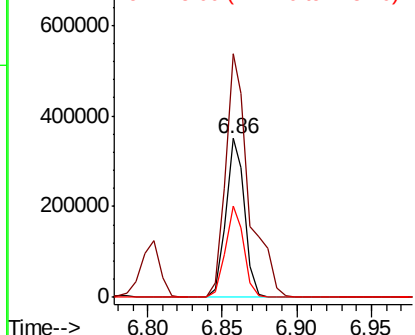
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF112122.D
Acq: 18 Jan 2019 12:52

Instrument :
BNA_F
ClientSampleId :
WC-07-011519MSD

Tot Ion:152 Resp: 313776
Ion Ratio Lower Upper
152 100
150 153.5 127.4 191.0
115 57.4 45.5 68.3



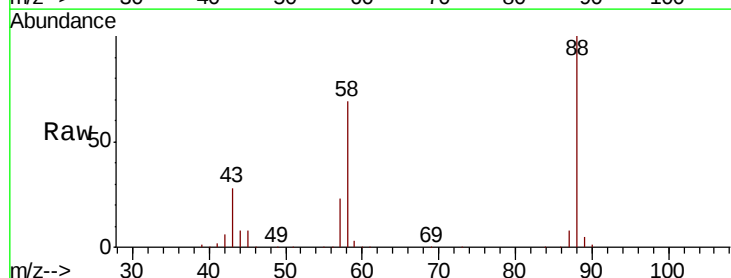
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



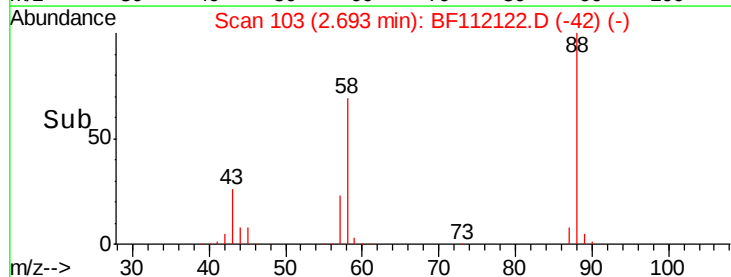
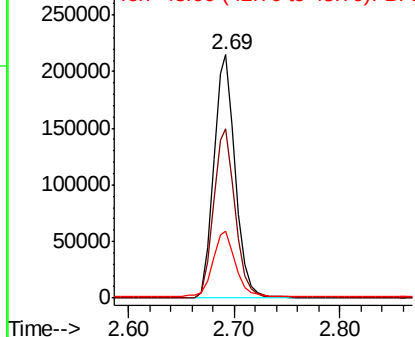
#2

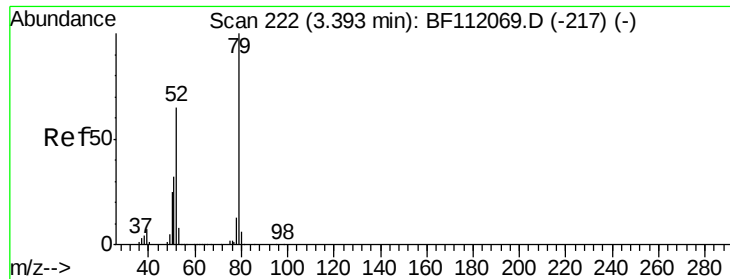
1,4-Dioxane
Concen: 37.822 ng
RT: 2.69 min Scan# 103
Delta R.T. 0.06 min
Lab File: BF112122.D
Acq: 18 Jan 2019 12:52

Tgt Ion: 88 Resp: 306658
Ion Ratio Lower Upper
88 100
58 70.8 57.4 86.2
43 28.1 22.2 33.4



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





#3

Pvridine

Concen: 39.929 ng

RT: 3.45 min Scan# 232

Delta R.T. 0.06 min

Lab File: BF112122.D

Acq: 18 Jan 2019 12:52

Instrument :

BNA_F

ClientSampleId :

WC-07-011519MSD

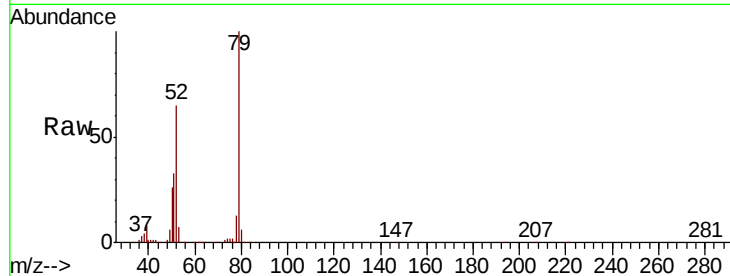
Tot Ion: 79 Resp: 810825

Ion Ratio Lower Upper

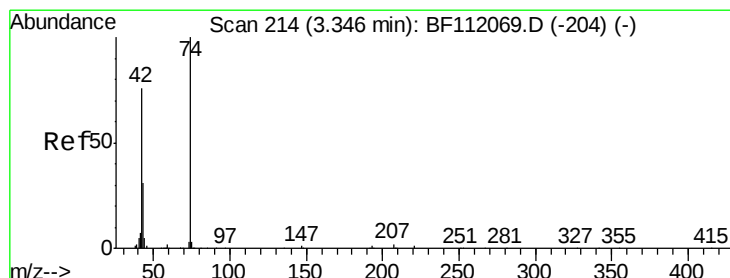
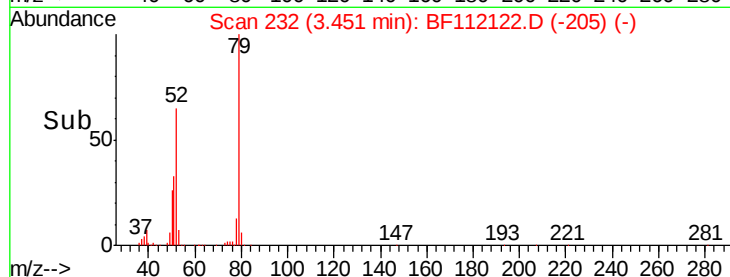
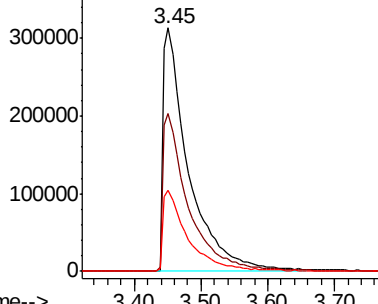
79 100

52 64.8 52.4 78.6

51 33.1 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 50.261 ng

RT: 3.40 min Scan# 223

Delta R.T. 0.05 min

Lab File: BF112122.D

Acq: 18 Jan 2019 12:52

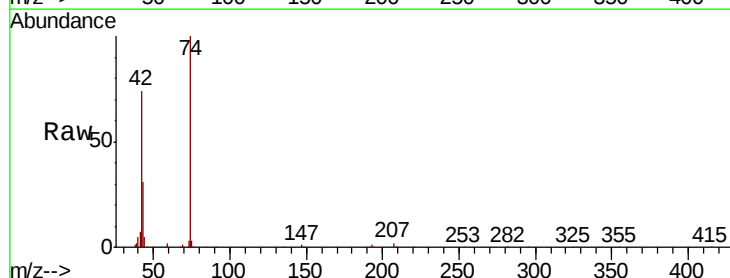
Tgt Ion: 42 Resp: 414405

Ion Ratio Lower Upper

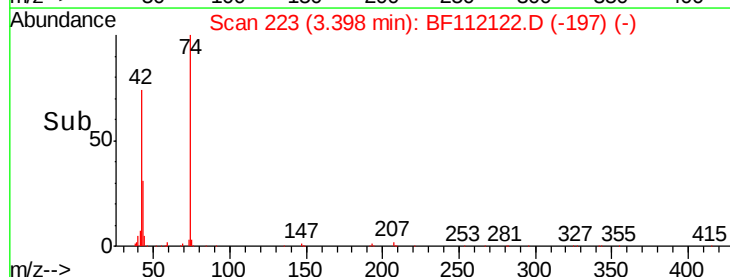
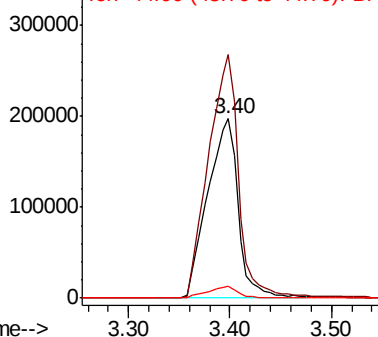
42 100

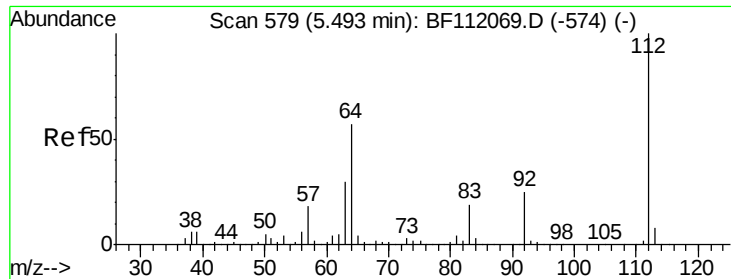
74 135.6 105.6 158.4

44 6.5 5.4 8.2



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 132.125 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.01 min

Lab File: BF112122.D

Acq: 18 Jan 2019 12:52

Instrument :

BNA_F

ClientSampleId :

WC-07-011519MSD

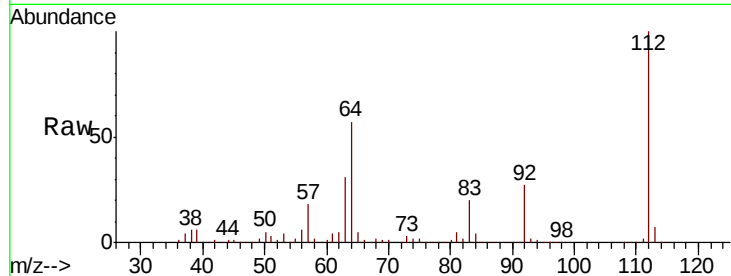
Tot Ion:112 Resp: 2284124

Ion Ratio Lower Upper

112 100

64 57.3 45.7 68.5

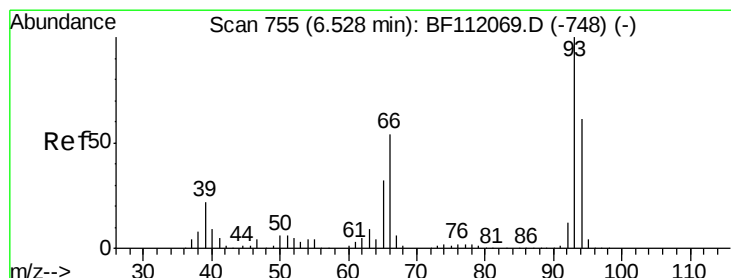
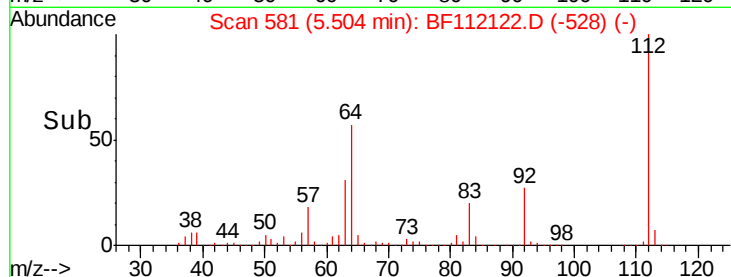
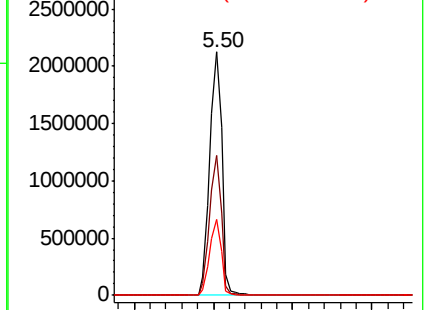
63 30.9 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 15.148 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF112122.D

Acq: 18 Jan 2019 12:52

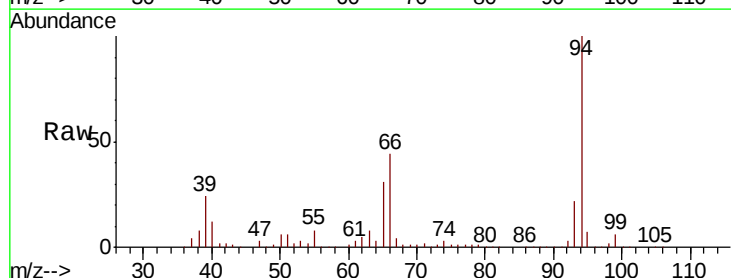
Tgt Ion: 93 Resp: 398496

Ion Ratio Lower Upper

93 100

66 196.2 43.4 65.2#

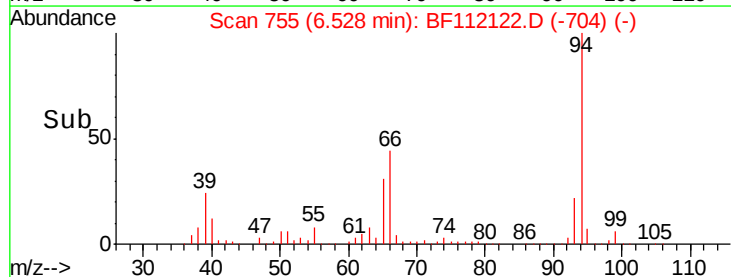
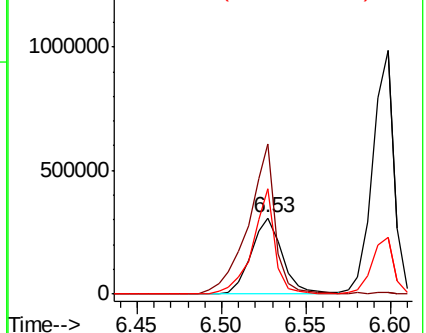
65 137.7 25.3 37.9#

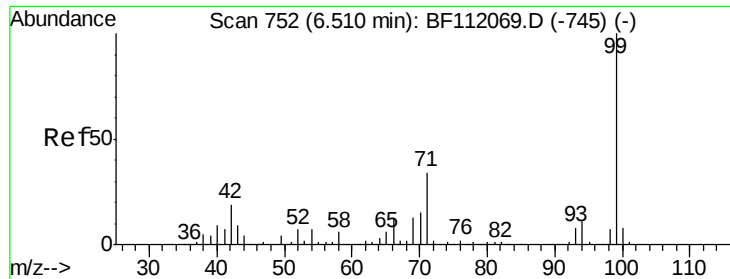


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 132.356 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF112122.D

Acq: 18 Jan 2019 12:52

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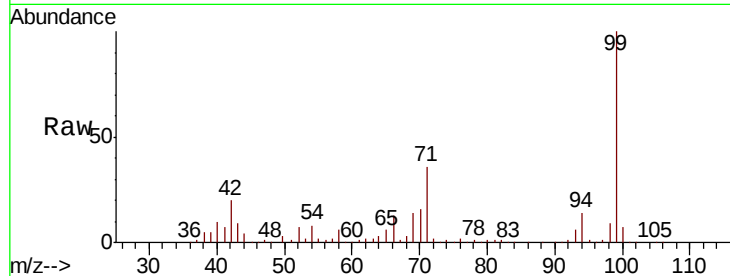
Tot Ion: 99 Resp: 2862782

Ion Ratio Lower Upper

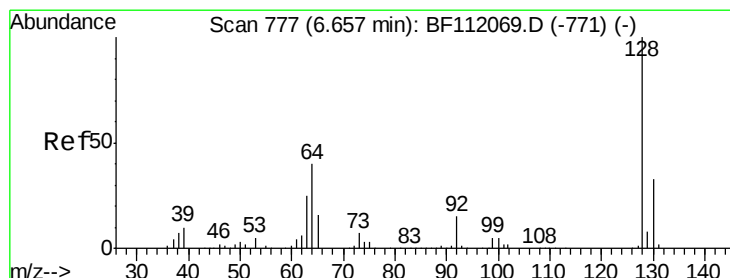
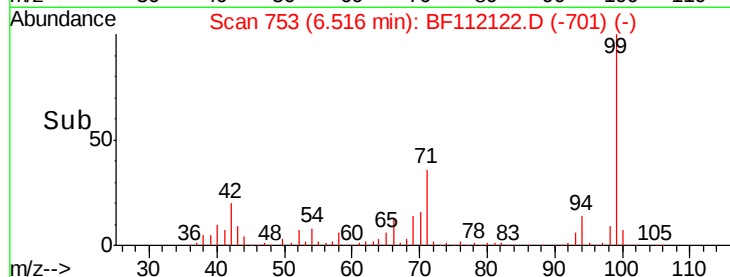
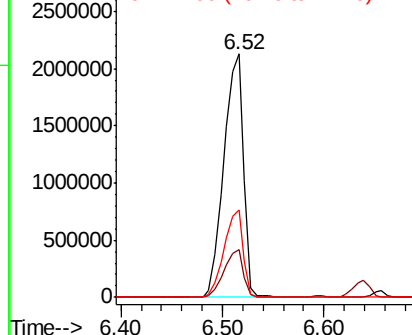
99 100

42 19.5 15.1 22.7

71 35.8 26.9 40.3



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



#8

2-Chlorophenol

Concen: 46.896 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF112122.D

Acq: 18 Jan 2019 12:52

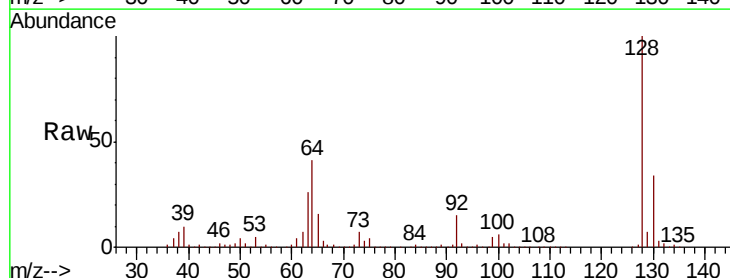
Tgt Ion:128 Resp: 941563

Ion Ratio Lower Upper

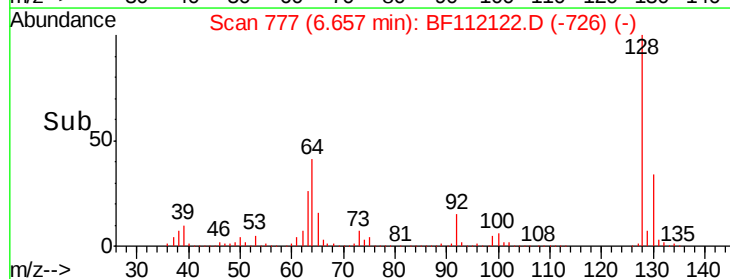
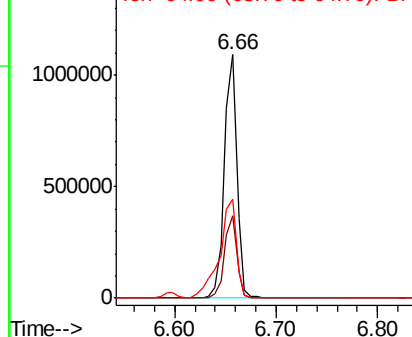
128 100

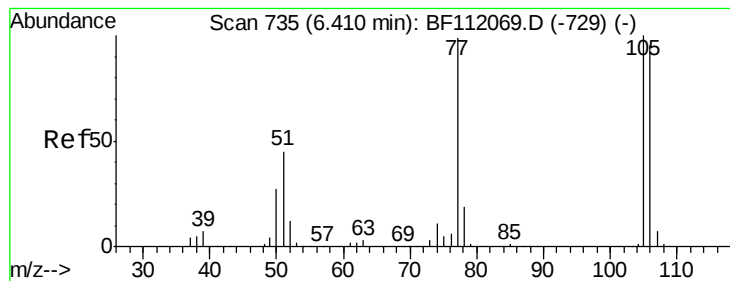
130 33.6 13.4 53.4

64 40.6 20.5 60.5



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





#9

Benzaldehyde

Concen: 17.419 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF112122.D

Acq: 18 Jan 2019 12:52

Instrument :

BNA_F

ClientSampleId :

WC-07-011519MSD

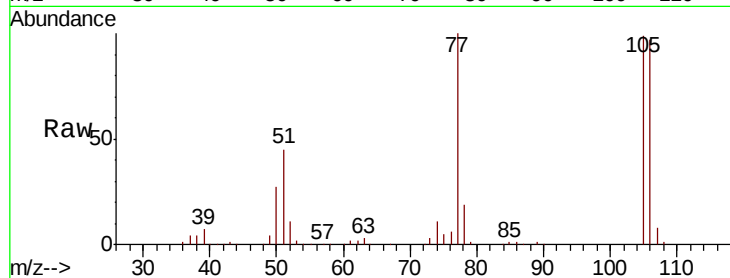
Tot Ion: 77 Resp: 251067

Ion Ratio Lower Upper

77 100

105 99.3 80.8 120.8

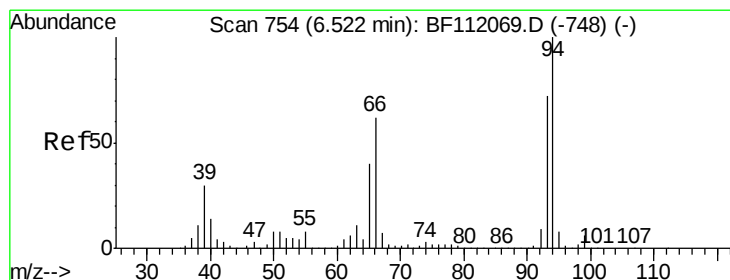
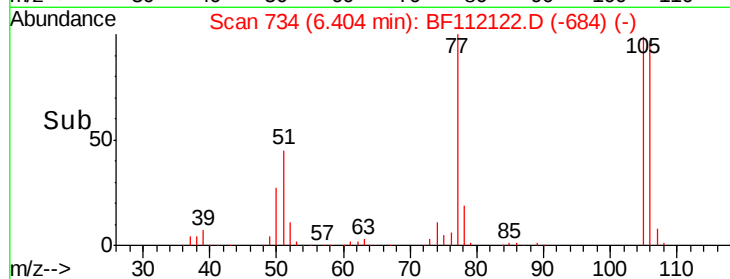
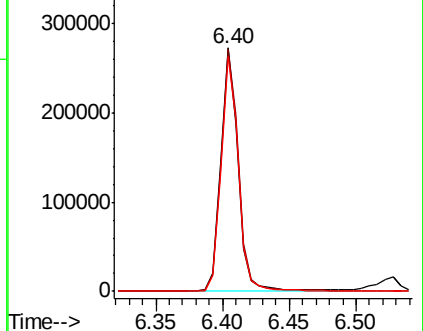
106 96.5 75.7 115.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 46.129 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF112122.D

Acq: 18 Jan 2019 12:52

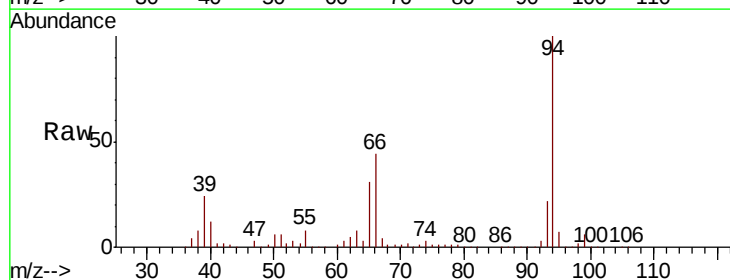
Tgt Ion: 94 Resp: 1090420

Ion Ratio Lower Upper

94 100

65 30.8 20.3 60.3

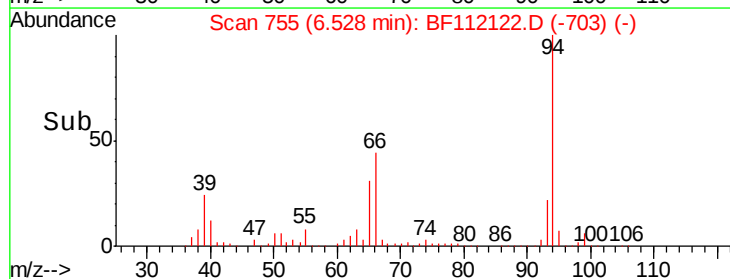
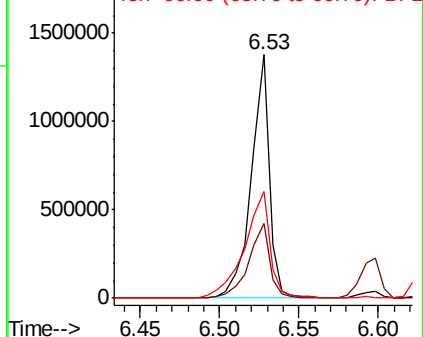
66 43.9 42.4 82.4

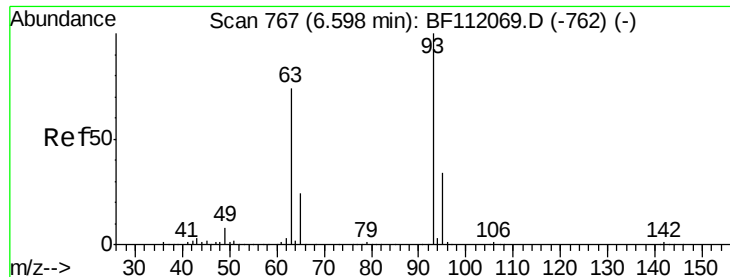


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

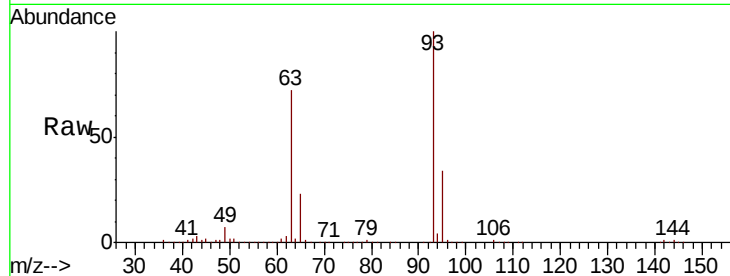




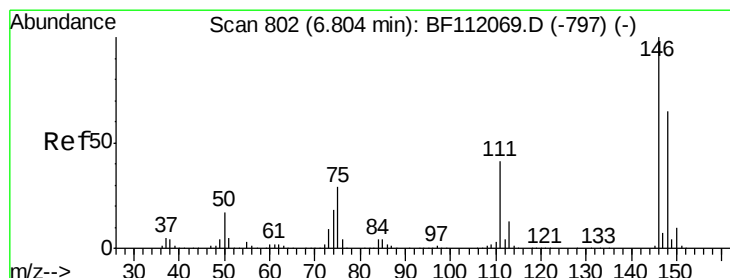
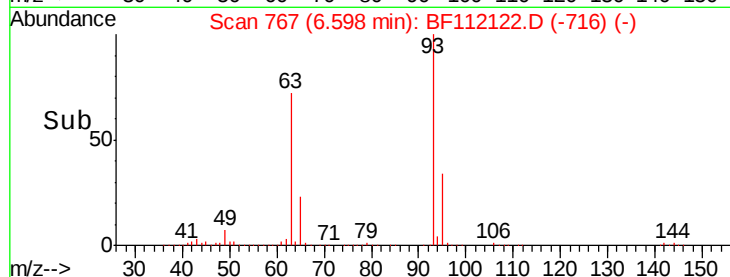
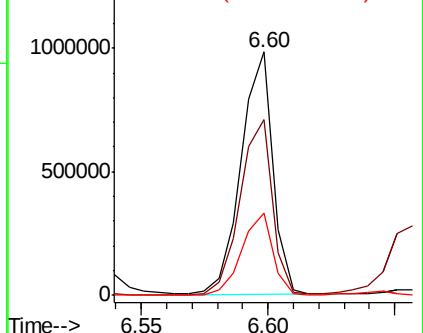
#11
bis(2-Chloroethyl)ether
Concen: 45.551 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF112122.D
Acq: 18 Jan 2019 12:52

Instrument :
BNA_F
ClientSampleId :
WC-07-011519MSD

Tot Ion: 93 Resp: 856157
Ion Ratio Lower Upper
93 100
63 72.1 53.3 93.3
95 33.7 13.4 53.4

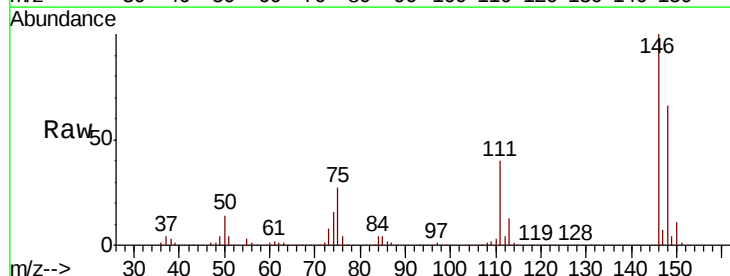


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

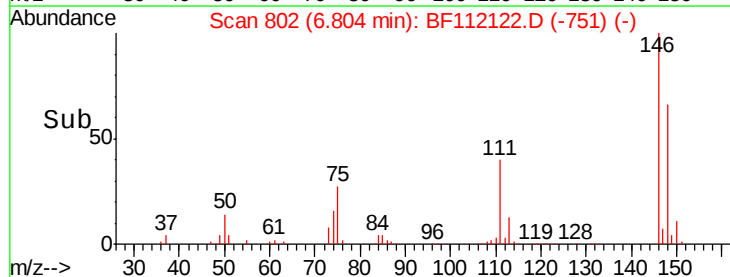
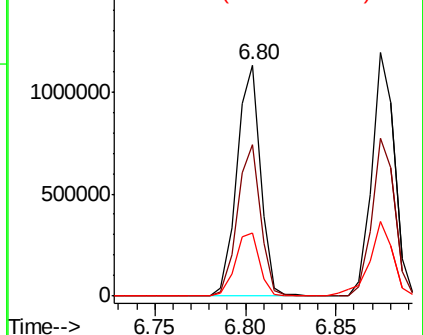


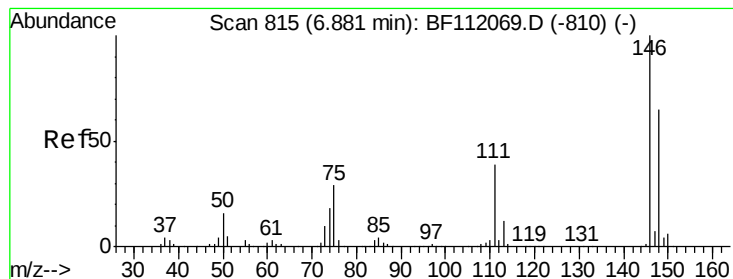
#12
1,3-Dichlorobenzene
Concen: 44.808 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF112122.D
Acq: 18 Jan 2019 12:52

Tgt Ion: 146 Resp: 1026687
Ion Ratio Lower Upper
146 100
148 65.7 51.8 77.8
75 27.3 23.1 34.7



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 44.207 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF112122.D

Acq: 18 Jan 2019 12:52

Instrument :

BNA_F

ClientSampleId :

WC-07-011519MSD

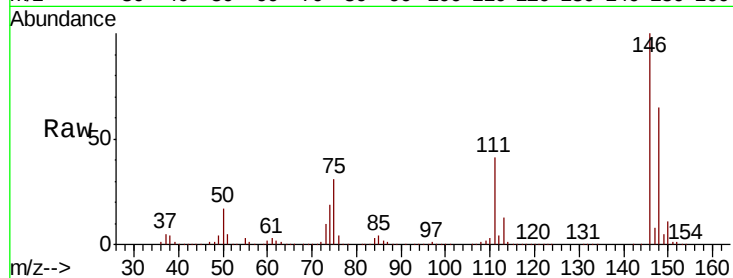
Tot Ion:146 Resp: 1036104

Ion Ratio Lower Upper

146 100

148 65.1 52.0 78.0

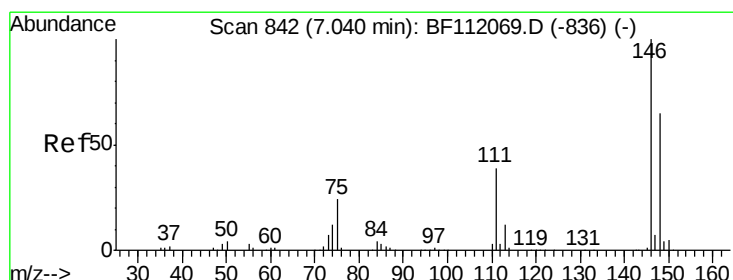
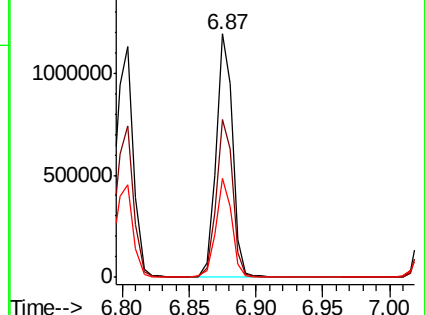
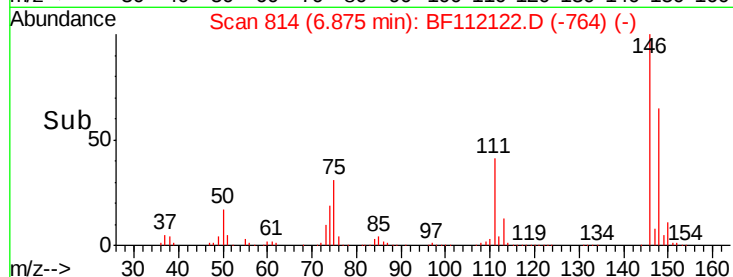
111 40.7 31.2 46.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 44.616 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF112122.D

Acq: 18 Jan 2019 12:52

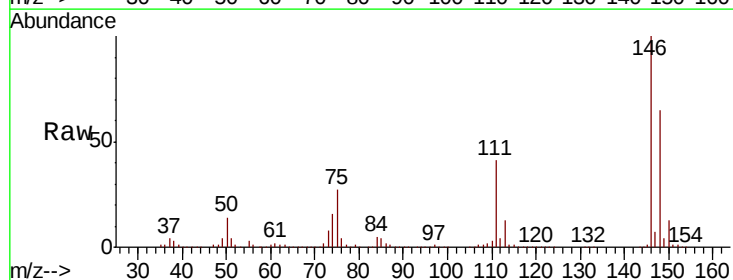
Tgt Ion:146 Resp: 963232

Ion Ratio Lower Upper

146 100

148 65.1 52.2 78.4

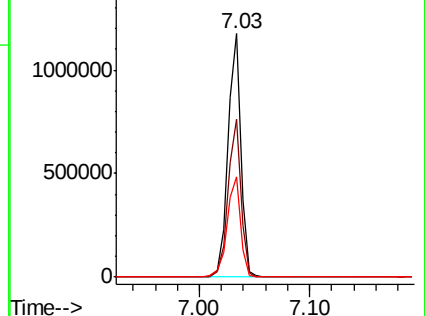
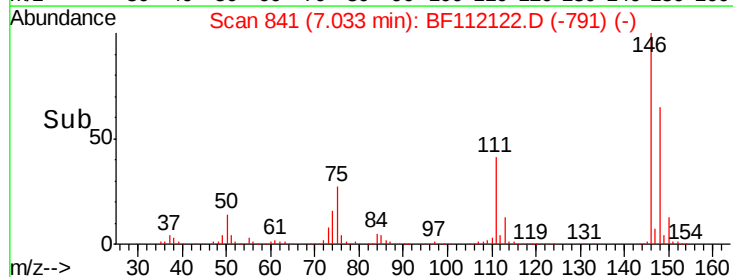
111 41.4 31.2 46.8

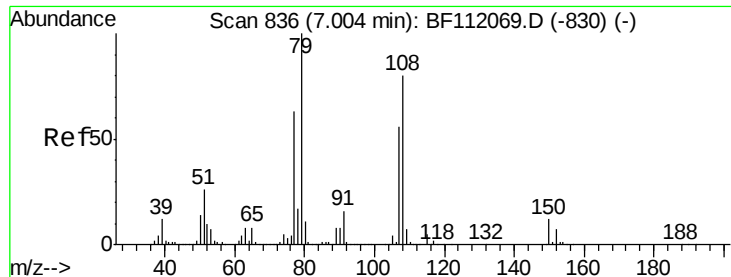


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 47.908 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.00 min

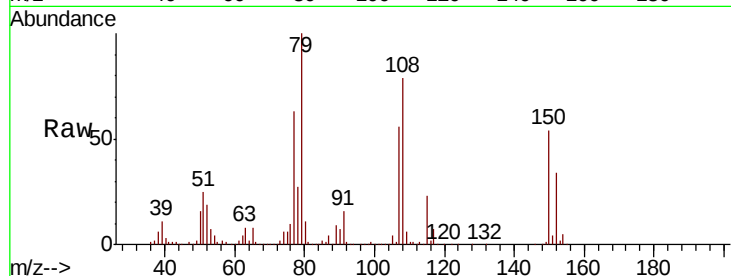
Lab File: BF112122.D

Acq: 18 Jan 2019 12:52

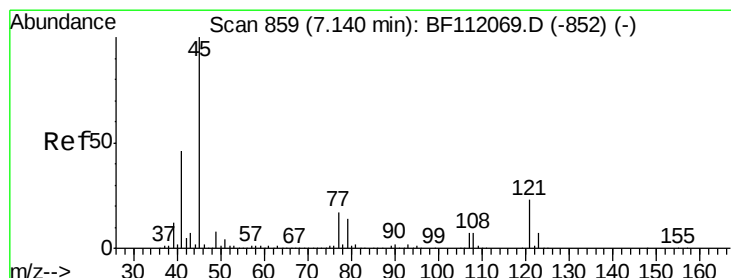
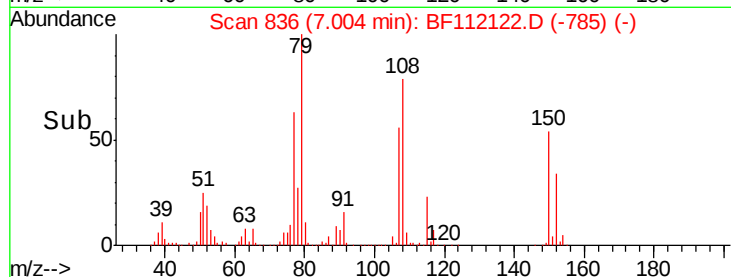
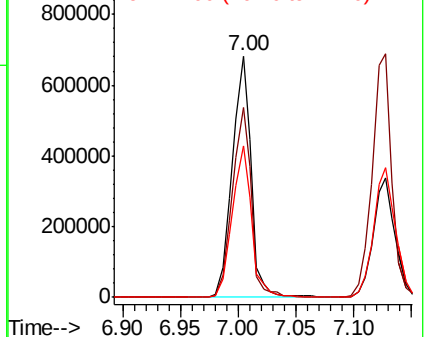
Instrument :
BNA_F
ClientSampleId :
WC-07-011519MSD

Tot Ion: 79 Resp: 772020

Ion	Ratio	Lower	Upper
79	100		
108	78.5	64.2	96.2
77	62.8	50.3	75.5



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.266 ng

RT: 7.13 min Scan# 858

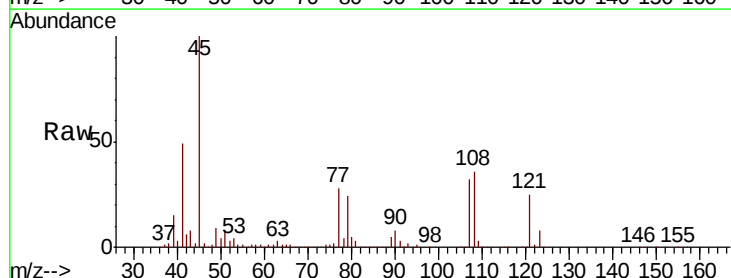
Delta R.T. -0.01 min

Lab File: BF112122.D

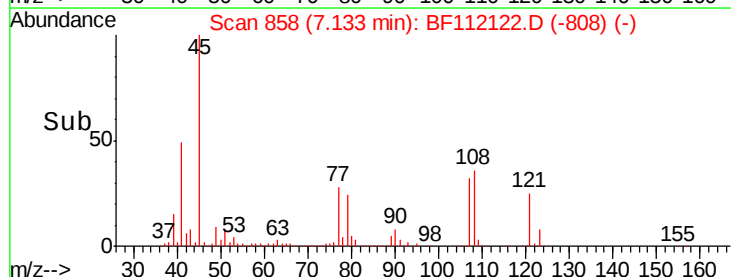
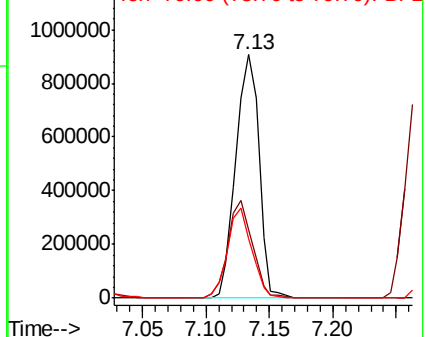
Acq: 18 Jan 2019 12:52

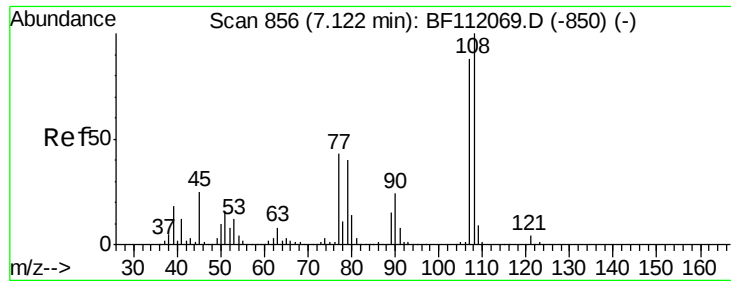
Tgt Ion: 45 Resp: 1145593

Ion	Ratio	Lower	Upper
45	100		
77	28.0	0.0	36.9
79	24.5	0.0	34.0



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

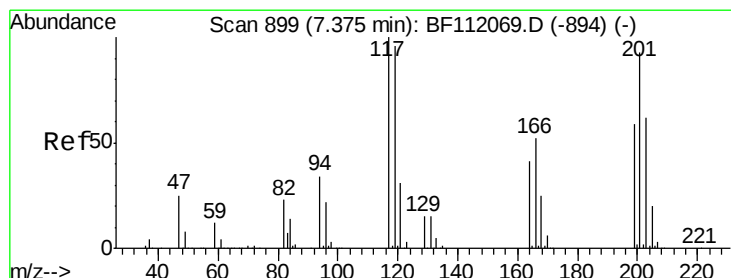
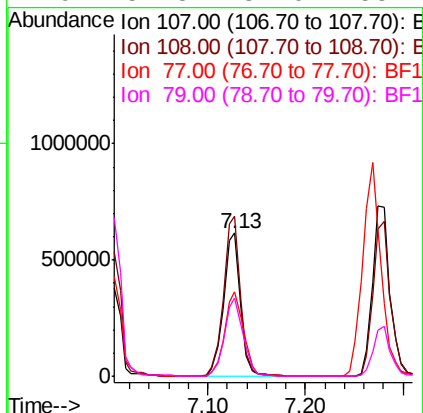
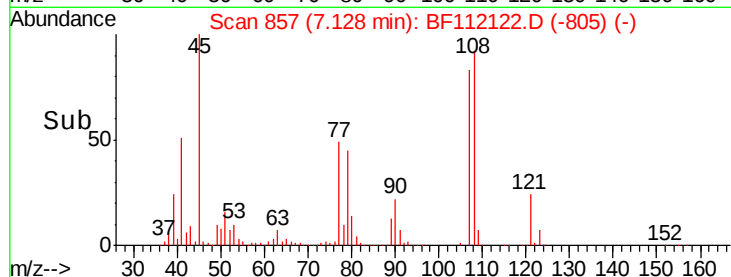
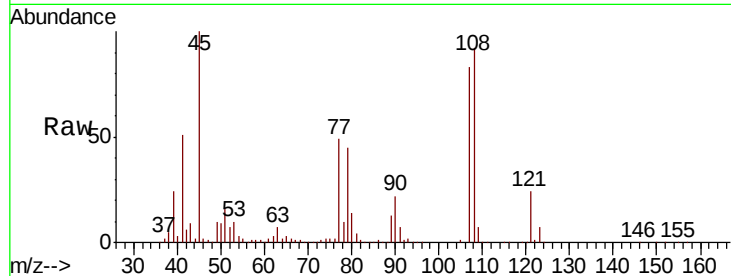




#17
2-Methylphenol
Concen: 48.699 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF112122.D
Acq: 18 Jan 2019 12:52

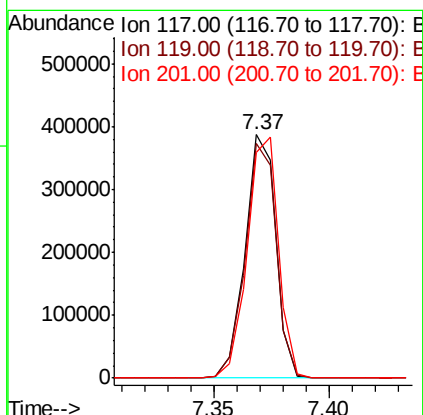
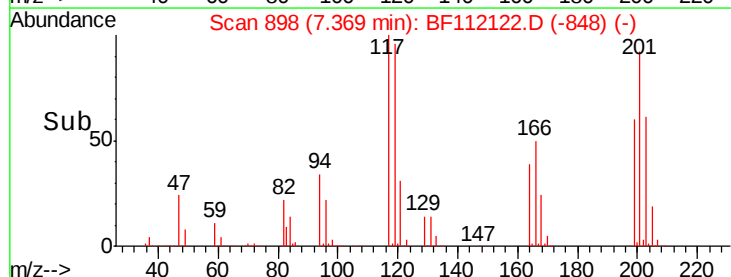
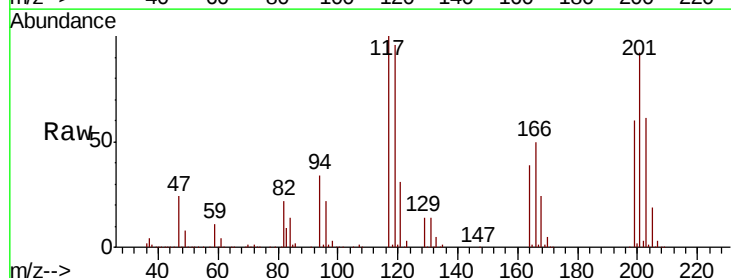
Instrument :
BNA_F
ClientSampleId :
WC-07-011519MSD

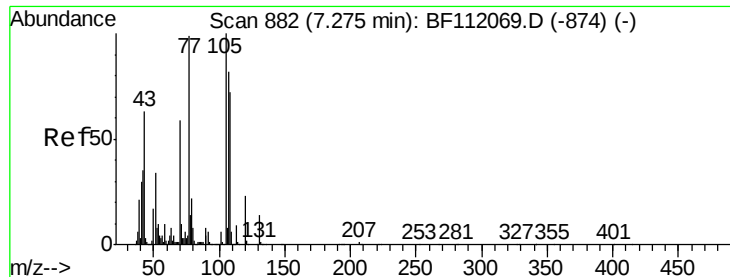
Tot Ion:107 Resp: 734303
Ion Ratio Lower Upper
107 100
108 111.7 91.3 136.9
77 59.2 39.0 58.6#
79 54.8 37.0 55.4



#18
Hexachloroethane
Concen: 46.237 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF112122.D
Acq: 18 Jan 2019 12:52

Tgt Ion:117 Resp: 361693
Ion Ratio Lower Upper
117 100
119 96.2 77.0 115.4
201 92.5 74.1 111.1

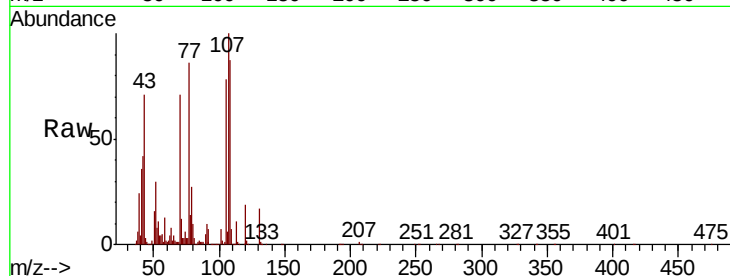




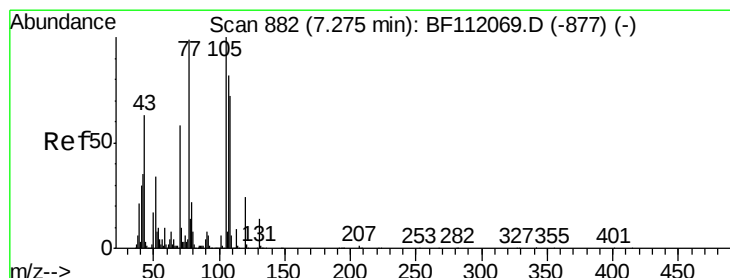
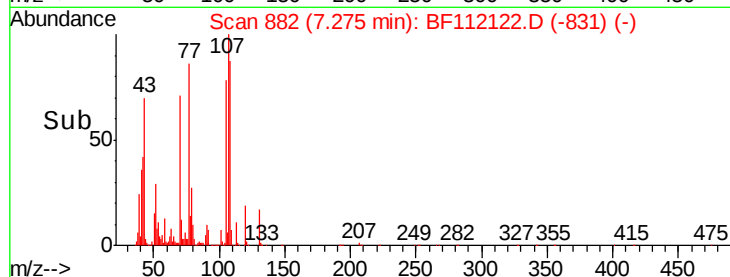
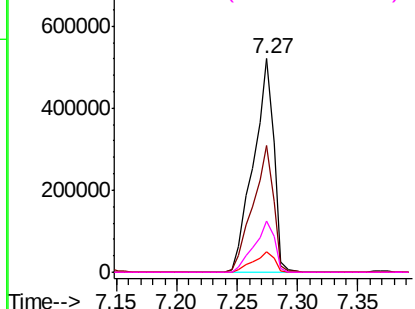
#19
n-Nitroso-di-n-propylamine
Concen: 46.988 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF112122.D
Acq: 18 Jan 2019 12:52

Instrument :
BNA_F
ClientSampleId :
WC-07-011519MSD

Tot Ion:	70	Resp:	619142
Ion	Ratio	Lower	Upper
70	100		
42	59.0	47.6	71.4
101	9.8	7.9	11.9
130	23.9	18.4	27.6



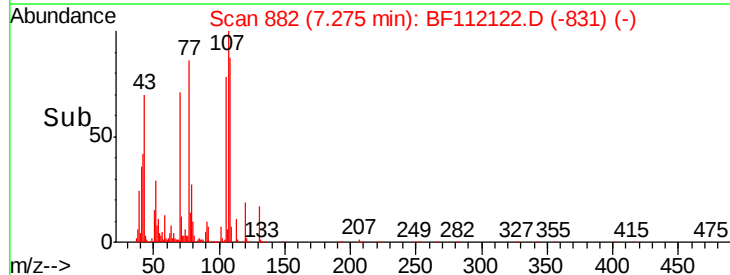
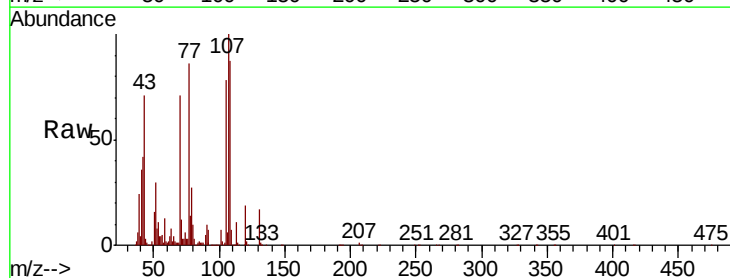
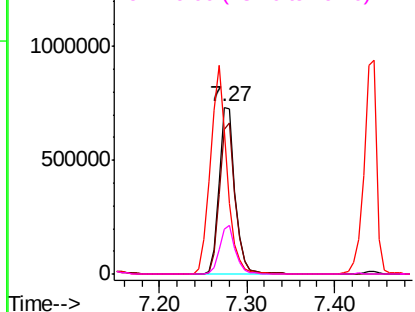
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

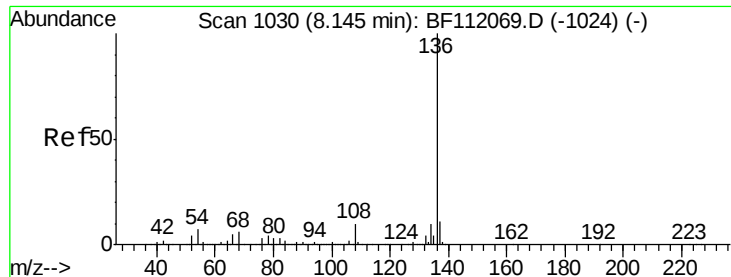


#20
3+4-Methylphenols
Concen: 50.374 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BF112122.D
Acq: 18 Jan 2019 12:52

Tgt Ion:	107	Resp:	920941
Ion	Ratio	Lower	Upper
107	100		
108	86.6	68.2	108.2
77	86.4	100.7	140.7#
79	27.2	7.3	47.3

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

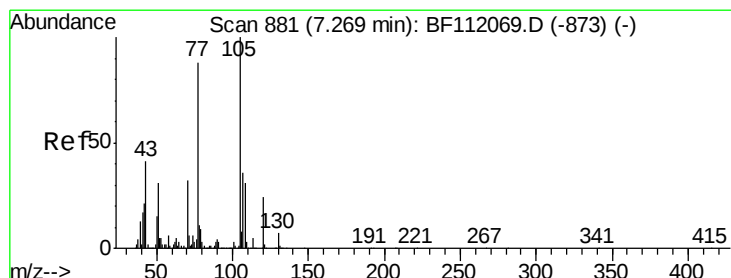
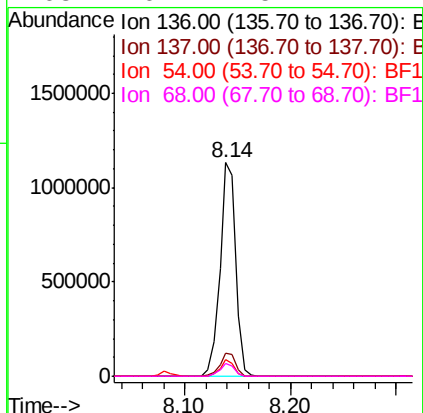
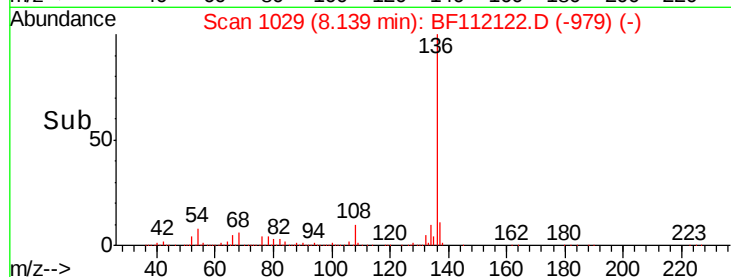
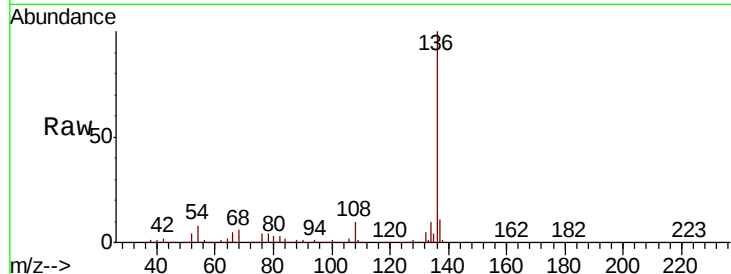




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF112122.D
Acq: 18 Jan 2019 12:52

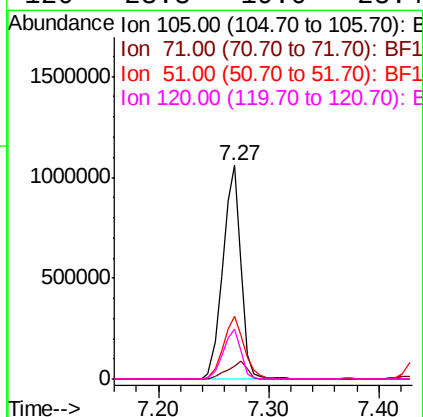
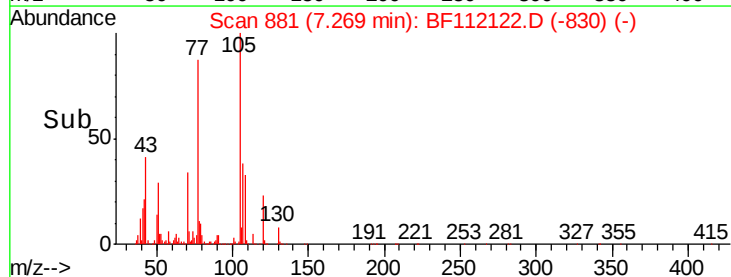
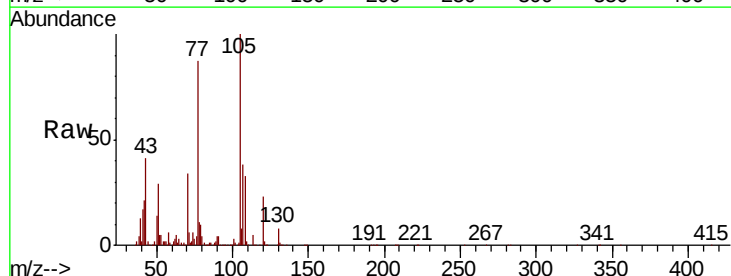
Instrument :
BNA_F
ClientSampleId :
WC-07-011519MSD

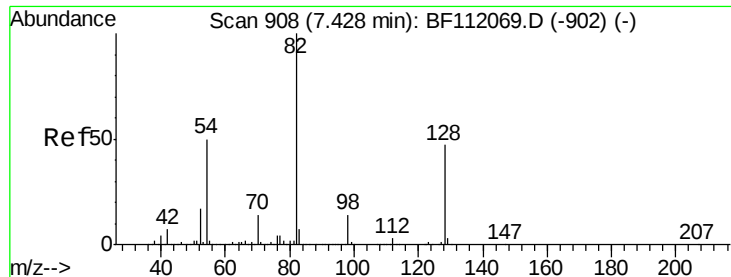
Tot Ion:136	Resp: 1185750
Ion Ratio	Lower Upper
136 100	
137 11.1	9.1 13.7
54 7.5	5.9 8.9
68 6.2	5.1 7.7



#22
Acetophenone
Concen: 44.042 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF112122.D
Acq: 18 Jan 2019 12:52

Tgt	Ion:105	Resp:	1209872
Ion	Ratio	Lower	Upper
105	100		
71	5.9	4.6	6.8
51	29.4	25.0	37.6
120	23.3	19.0	28.4



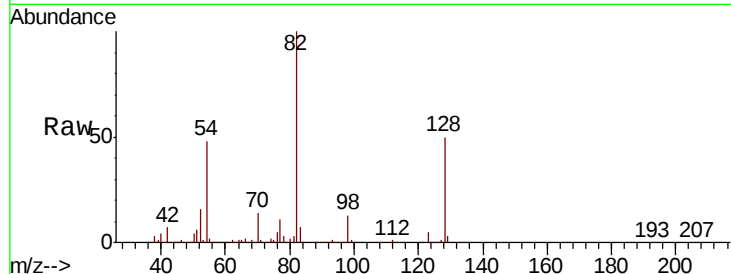


#23
 Nitrobenzene-d5
 Concen: 109.381 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.00 min
 Lab File: BF112122.D
 Acq: 18 Jan 2019 12:52

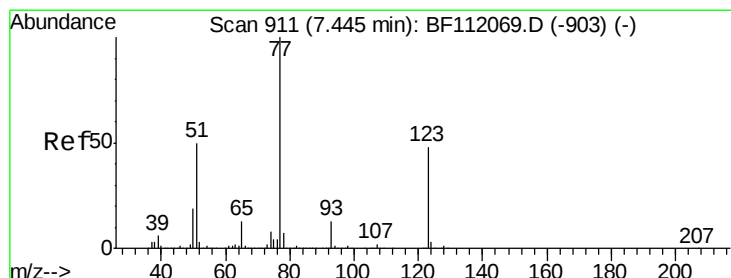
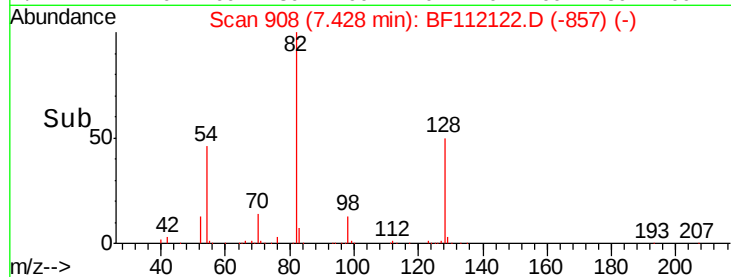
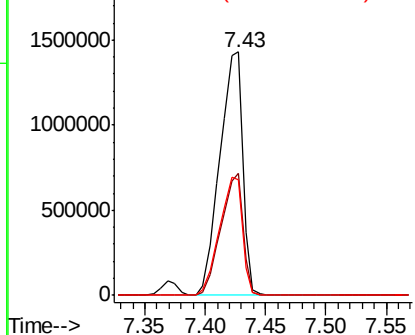
Instrument :
 BNA_F
 ClientSampleId :
 WC-07-011519MSD

Tot Ion: 82 Resp: 1877267

Ion	Ratio	Lower	Upper
82	100		
128	50.1	37.8	56.8
54	47.7	39.7	59.5



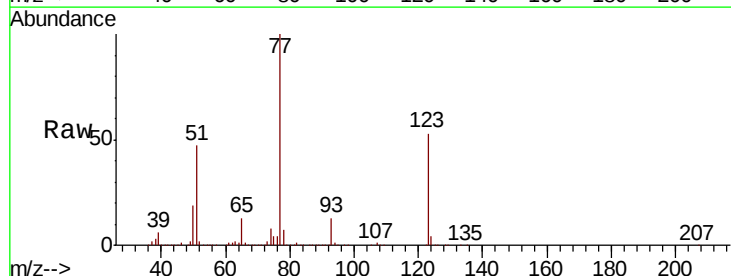
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



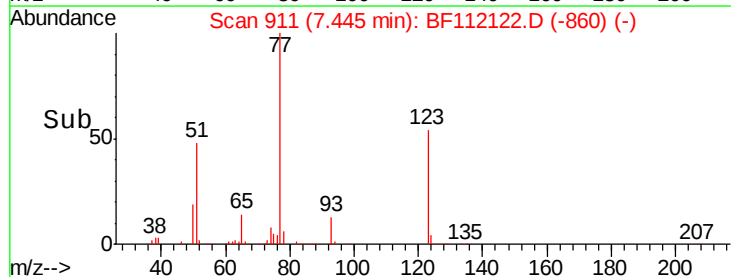
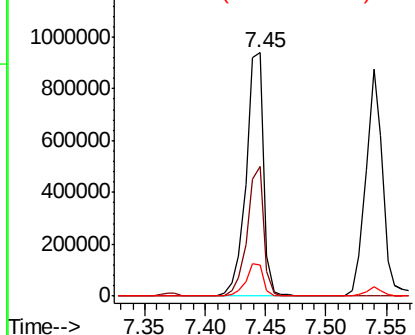
#24
 Nitrobenzene
 Concen: 52.356 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.00 min
 Lab File: BF112122.D
 Acq: 18 Jan 2019 12:52

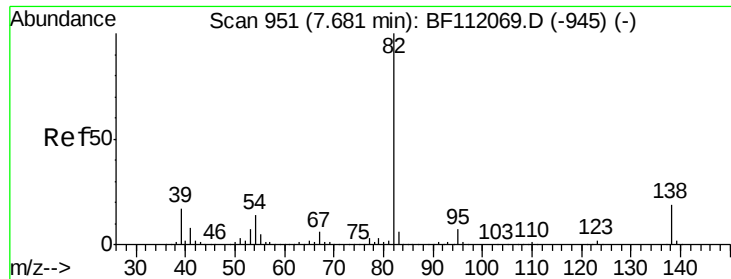
Tgt Ion: 77 Resp: 952309

Ion	Ratio	Lower	Upper
77	100		
123	53.4	38.4	57.6
65	13.0	10.6	15.8



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: 51.476 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF112122.D

Acq: 18 Jan 2019 12:52

Instrument :

BNA_F

ClientSampleId :

WC-07-011519MSD

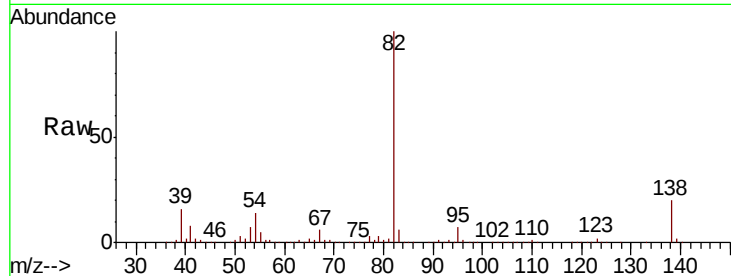
Tot Ion: 82 Resp: 1706433

Ion Ratio Lower Upper

82 100

95 7.4 5.7 8.5

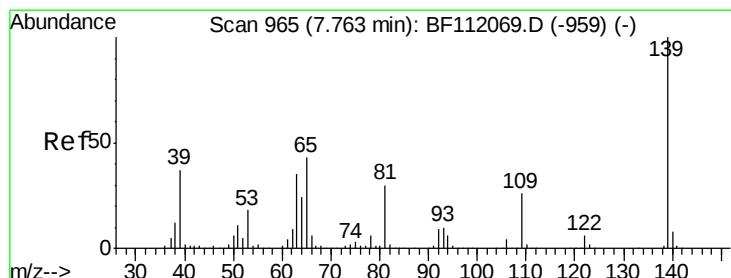
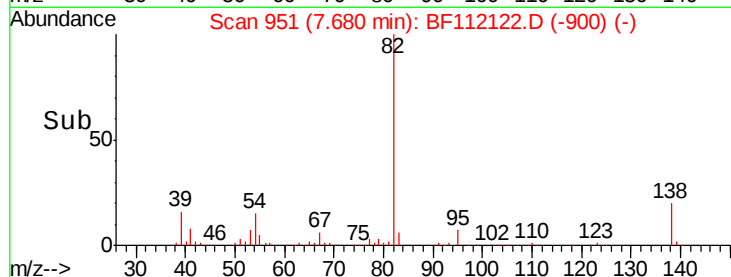
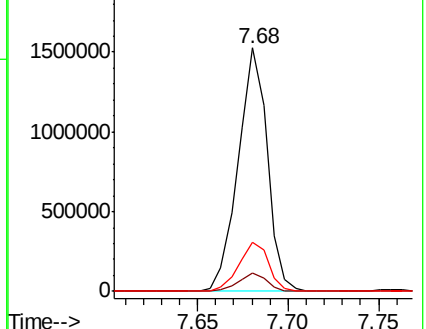
138 20.3 15.4 23.0



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 54.529 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF112122.D

Acq: 18 Jan 2019 12:52

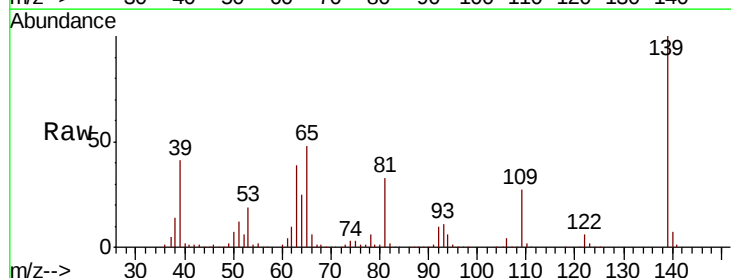
Tgt Ion: 139 Resp: 517623

Ion Ratio Lower Upper

139 100

109 27.0 20.8 31.2

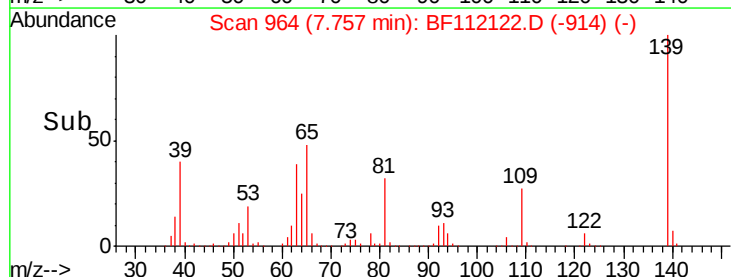
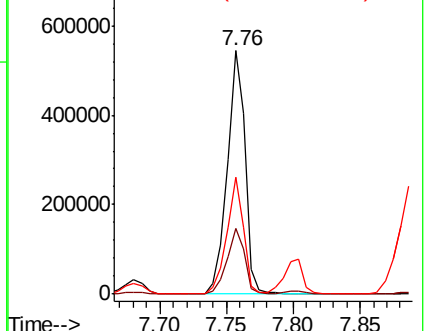
65 47.8 34.4 51.6

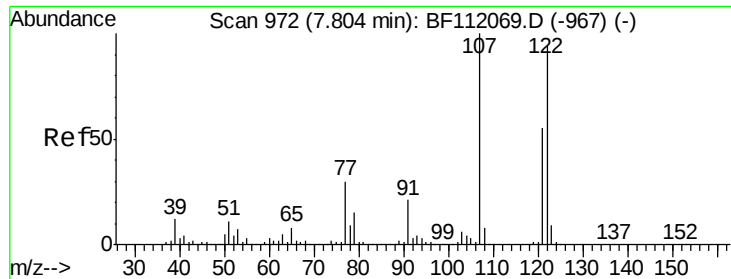


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 52.980 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.00 min

Lab File: BF112122.D

Acq: 18 Jan 2019 12:52

Instrument :

BNA_F

ClientSampleId :

WC-07-011519MSD

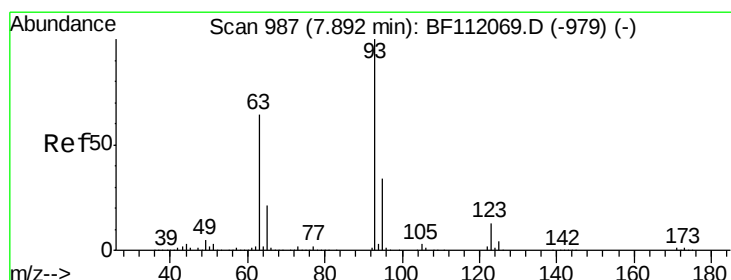
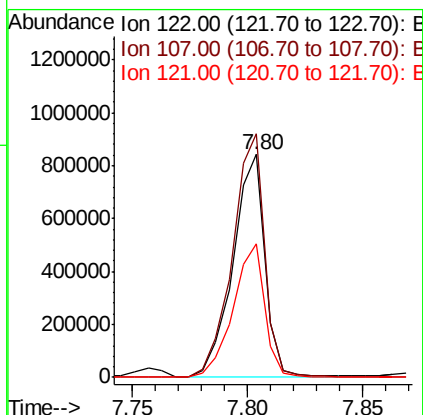
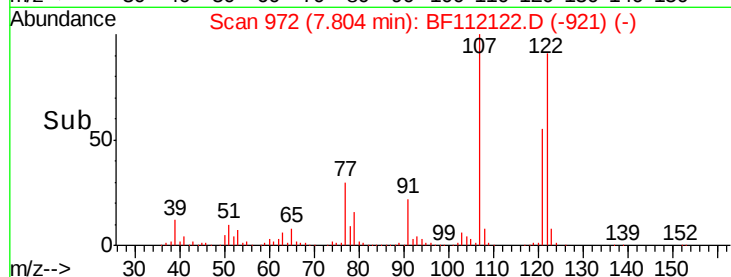
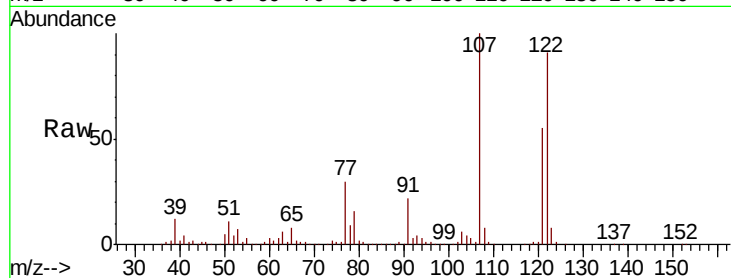
Tot Ion:122 Resp: 815247

Ion Ratio Lower Upper

122 100

107 109.4 85.4 128.0

121 60.2 47.0 70.4



#28

bis(2-Chloroethoxy)methane

Concen: 48.416 ng

RT: 7.89 min Scan# 986

Delta R.T. -0.01 min

Lab File: BF112122.D

Acq: 18 Jan 2019 12:52

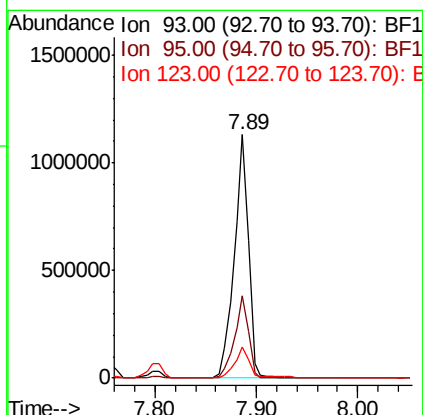
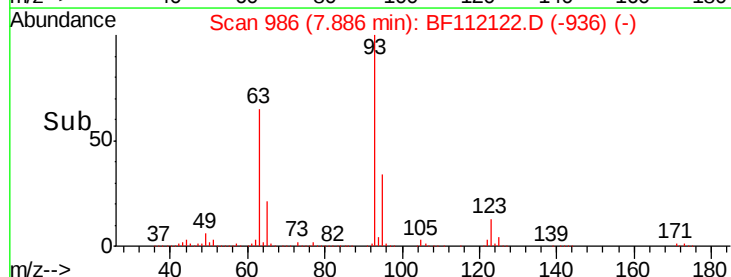
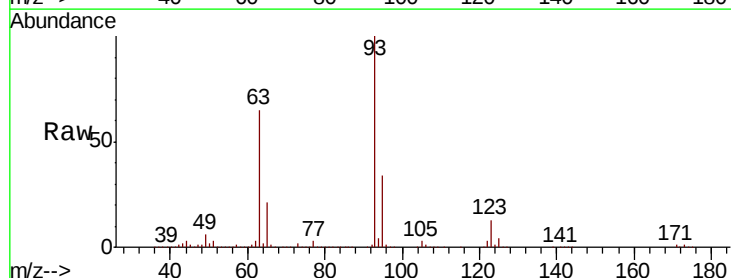
Tgt Ion: 93 Resp: 1100942

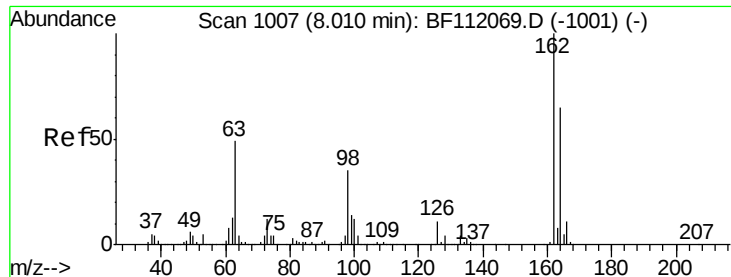
Ion Ratio Lower Upper

93 100

95 33.7 26.8 40.2

123 12.6 10.2 15.2

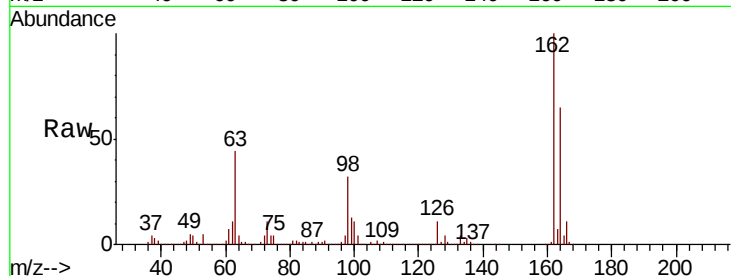




#29
2,4-Dichlorophenol
Concen: 49.060 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BF112122.D
Acq: 18 Jan 2019 12:52

Instrument :
BNA_F
ClientSampleId :
WC-07-011519MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	44.6	84.6
98	32.2	14.6	54.6

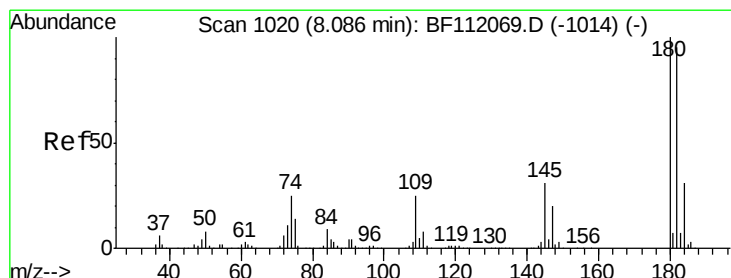
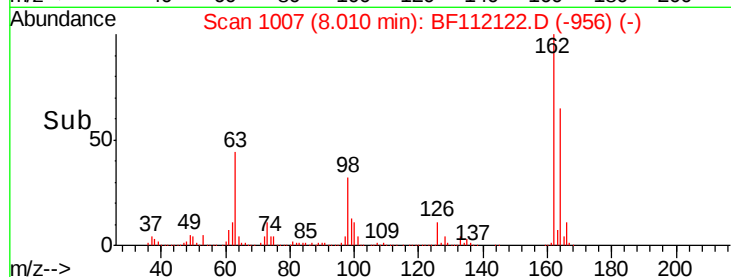
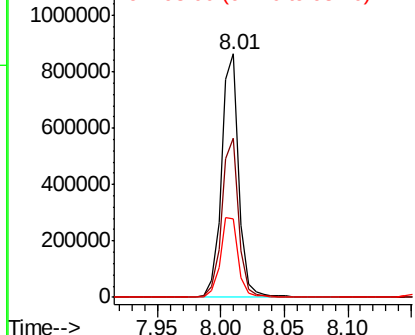


Abundance

Ion 162.00 (161.70 to 162.70): E

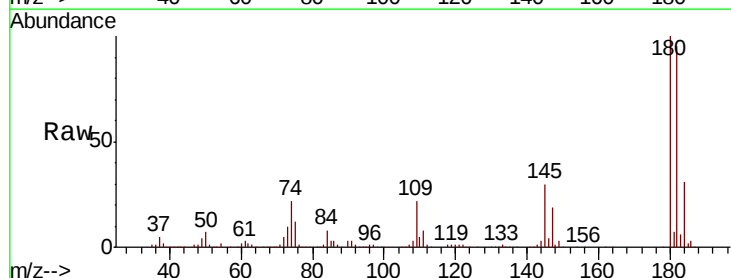
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 45.756 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF112122.D
Acq: 18 Jan 2019 12:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.4	114.6
145	29.9	25.0	37.4

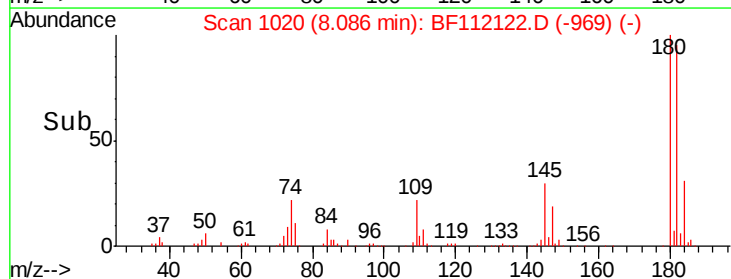
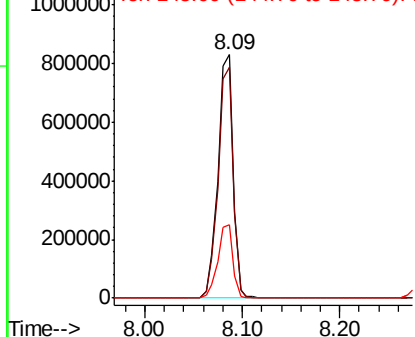


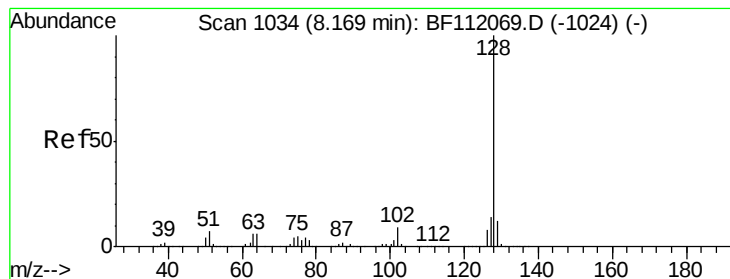
Abundance

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: 48.020 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF112122.D

Acq: 18 Jan 2019 12:52

Instrument :

BNA_F

ClientSampleId :

WC-07-011519MSD

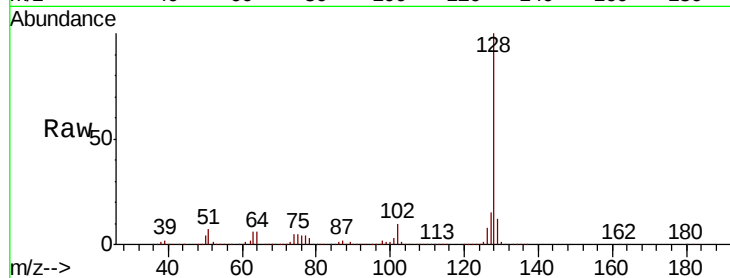
Tot Ion:128 Resp: 2589774

Ion Ratio Lower Upper

128 100

129 12.2 9.6 14.4

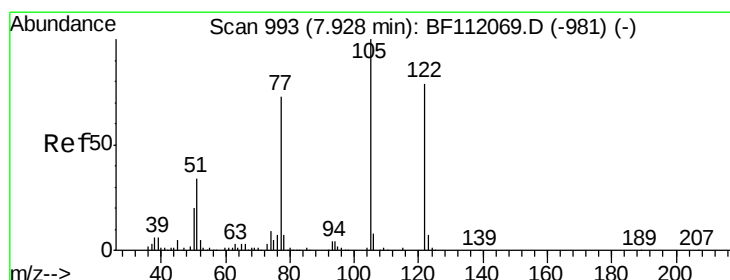
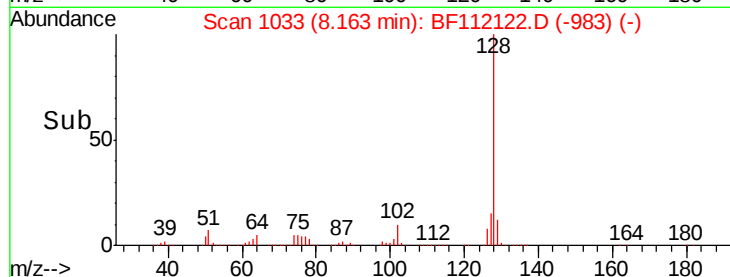
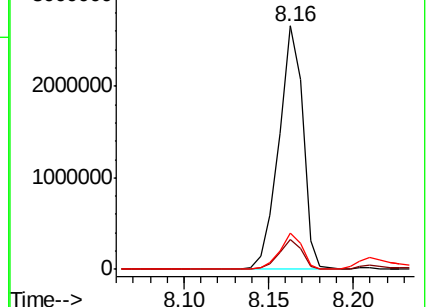
127 14.7 11.1 16.7



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: 46.767 ng

RT: 7.93 min Scan# 994

Delta R.T. 0.01 min

Lab File: BF112122.D

Acq: 18 Jan 2019 12:52

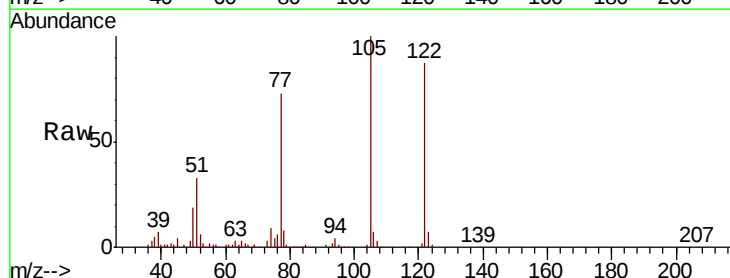
Tgt Ion:122 Resp: 328007

Ion Ratio Lower Upper

122 100

105 115.3 101.2 141.2

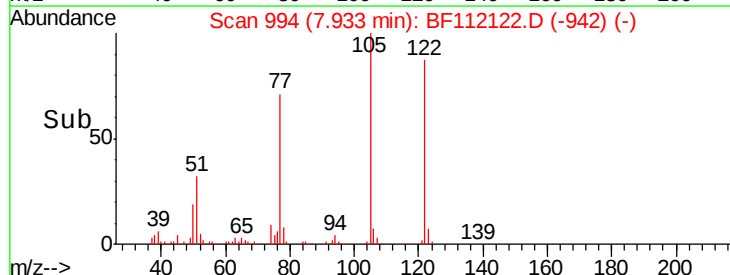
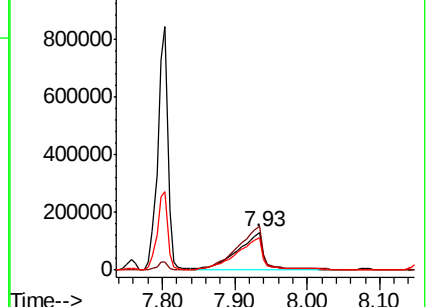
77 84.5 70.4 110.4

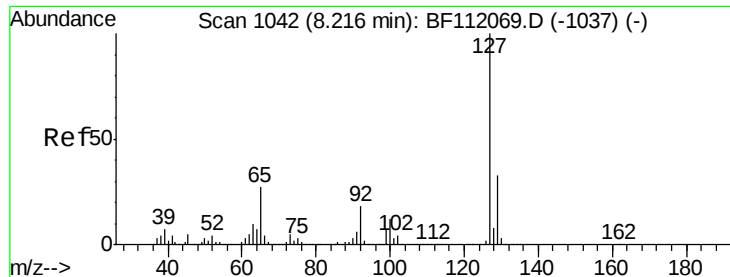


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

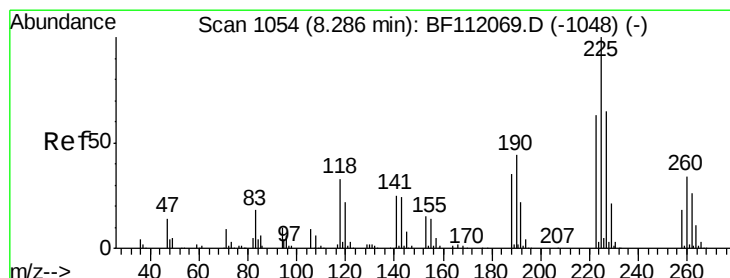
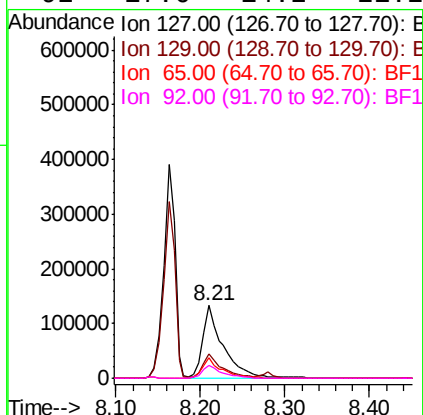
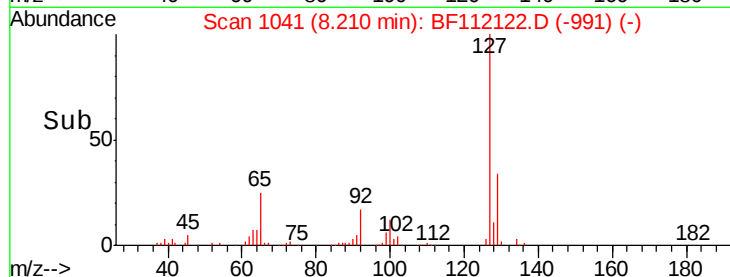
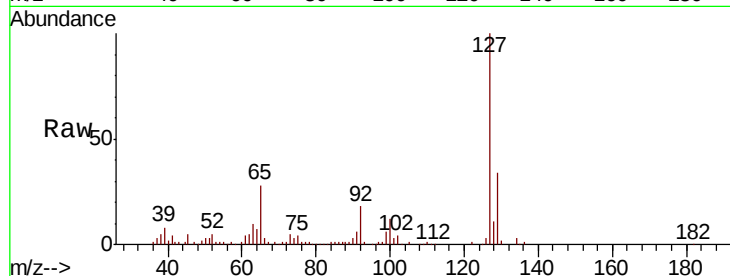




#33
4-Chloroaniline
Concen: 9.169 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF112122.D
Acq: 18 Jan 2019 12:52

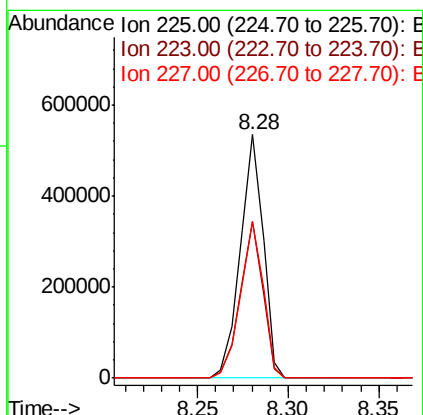
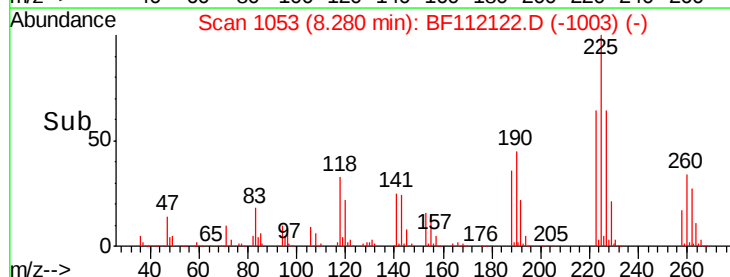
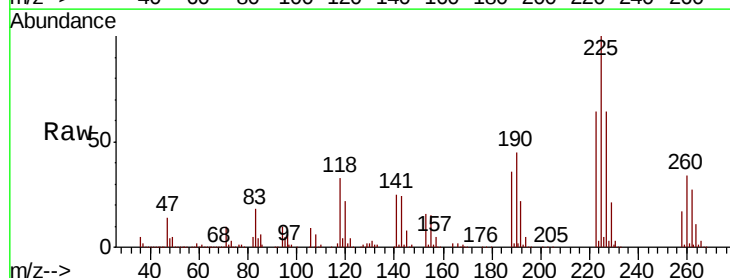
Instrument :
BNA_F
ClientSampleId :
WC-07-011519MSD

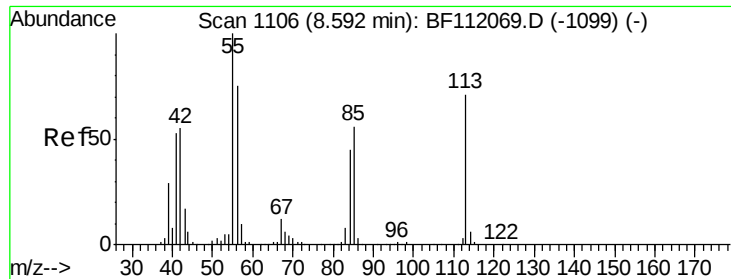
Tot Ion:127	Resp:	222228
Ion Ratio	Lower	Upper
127	100	
129	34.0	26.6 39.8
65	27.7	21.4 32.2
92	17.6	14.2 21.2



#34
Hexachlorobutadiene
Concen: 43.298 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BF112122.D
Acq: 18 Jan 2019 12:52

Tgt Ion:225	Resp:	470043
Ion Ratio	Lower	Upper
225	100	
223	64.1	50.3 75.5
227	64.3	51.8 77.8

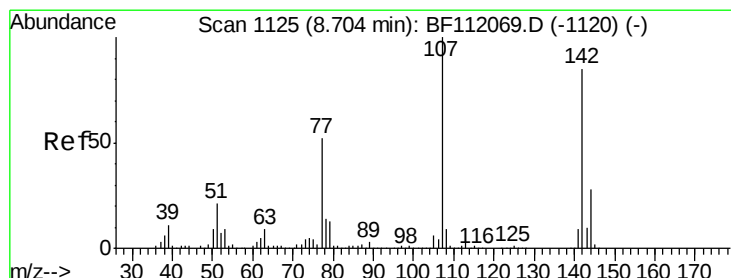
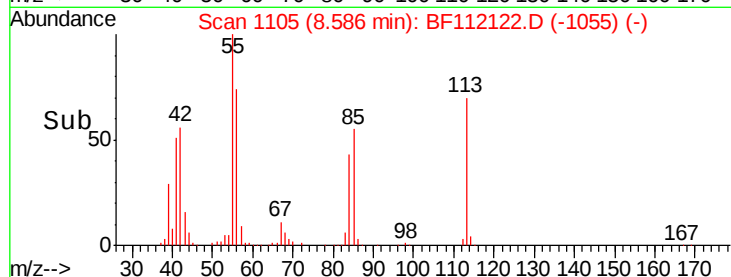
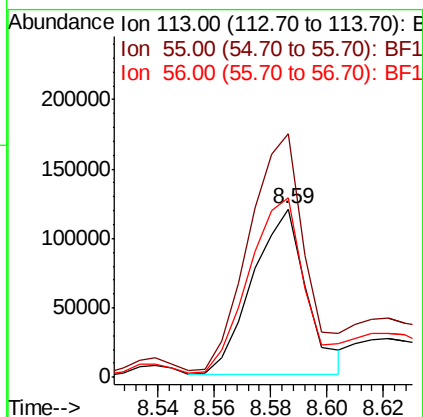
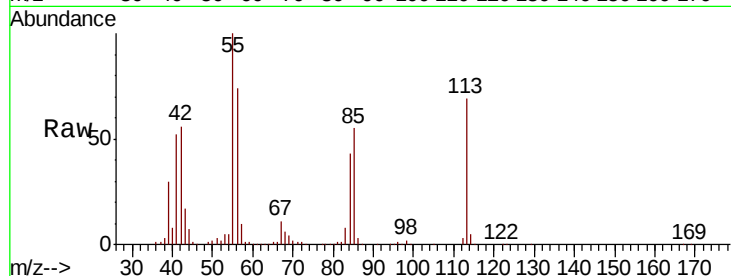




#35
 Caprolactam
 Concen: 26.895 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. -0.01 min
 Lab File: BF112122.D
 Acq: 18 Jan 2019 12:52

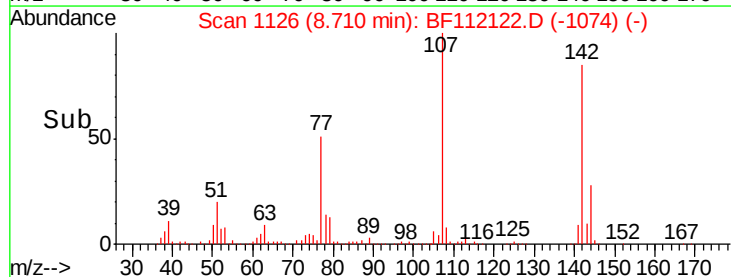
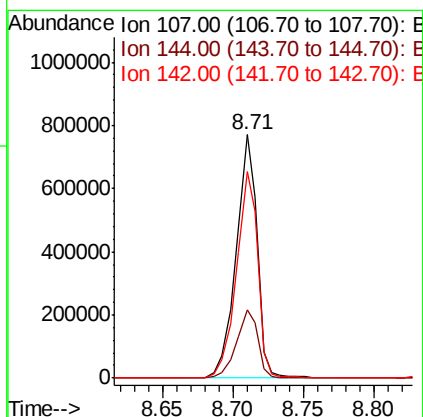
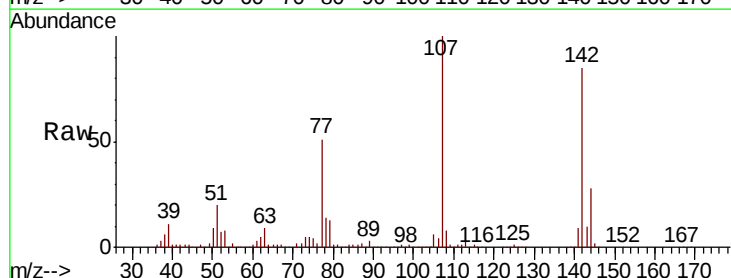
Instrument :
 BNA_F
 ClientSampleId :
 WC-07-011519MSD

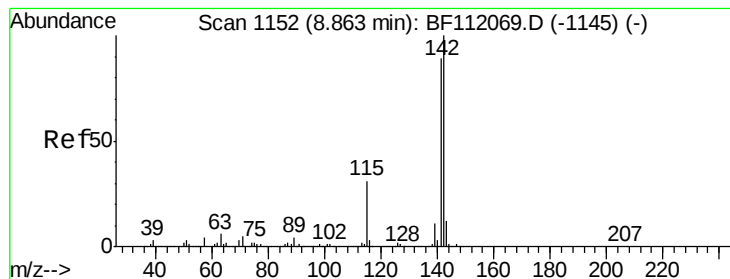
Tot Ion:113 Resp: 158234
 Ion Ratio Lower Upper
 113 100
 55 144.5 121.6 161.6
 56 106.6 86.7 126.7



#36
 4-Chloro-3-methylphenol
 Concen: 48.440 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. 0.01 min
 Lab File: BF112122.D
 Acq: 18 Jan 2019 12:52

Tgt Ion:107 Resp: 795287
 Ion Ratio Lower Upper
 107 100
 144 28.0 22.2 33.2
 142 84.8 67.7 101.5





#37

2-Methylnaphthalene

Concen: 49.716 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF112122.D

Acq: 18 Jan 2019 12:52

Instrument :

BNA_F

ClientSampleId :

WC-07-011519MSD

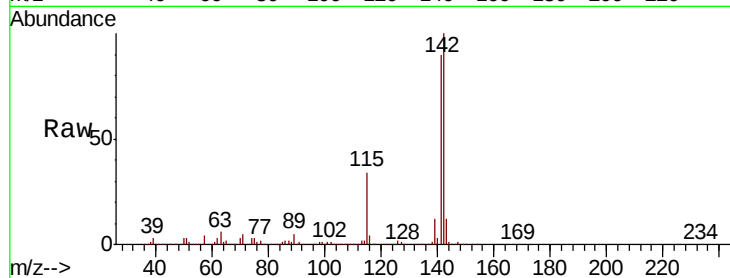
Tot Ion:142 Resp: 1820719

Ion Ratio Lower Upper

142 100

141 90.1 70.9 106.3

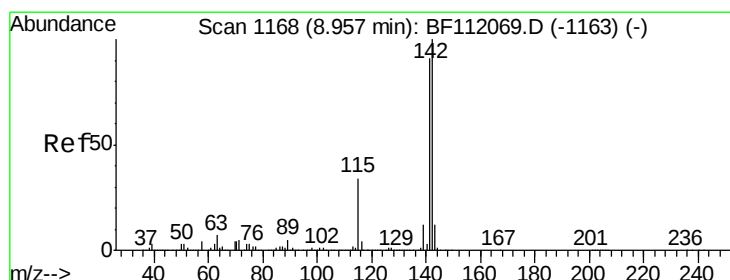
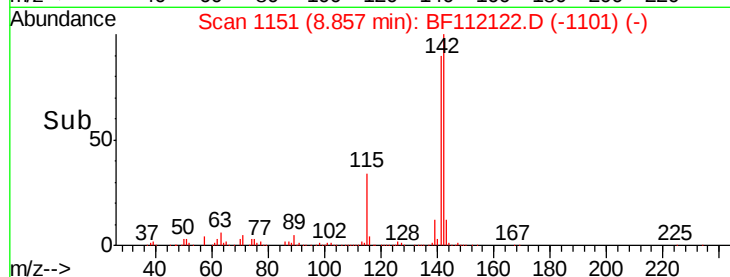
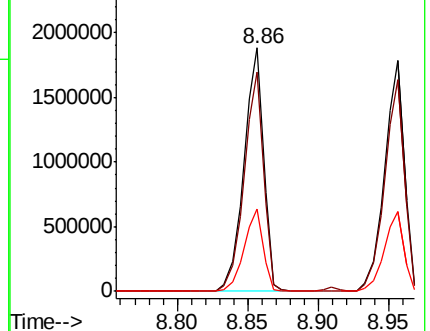
115 33.6 24.9 37.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 49.009 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BF112122.D

Acq: 18 Jan 2019 12:52

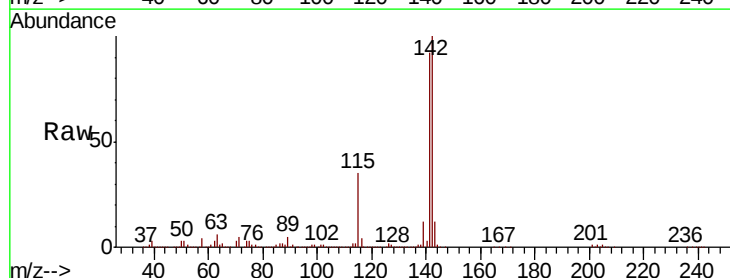
Tgt Ion:142 Resp: 1724912

Ion Ratio Lower Upper

142 100

141 91.6 72.6 108.8

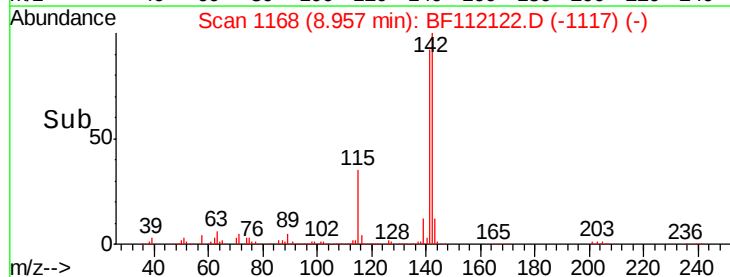
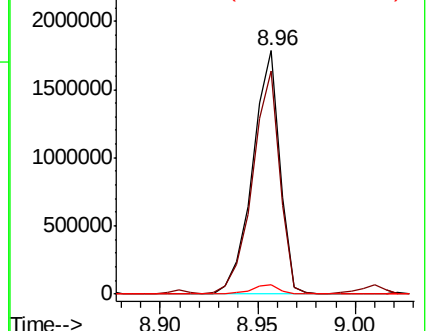
116 3.7 2.8 4.2

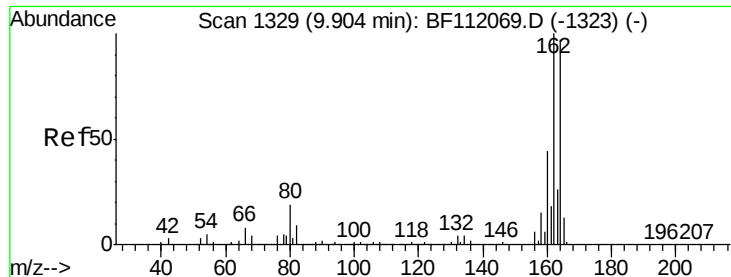


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

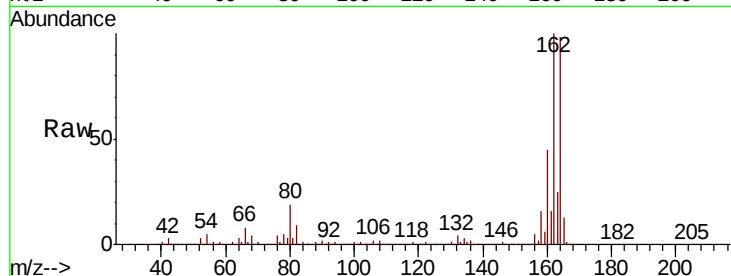




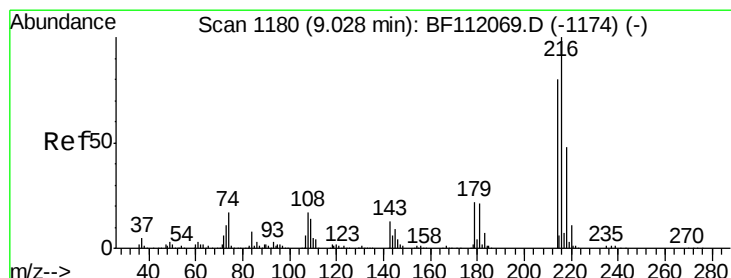
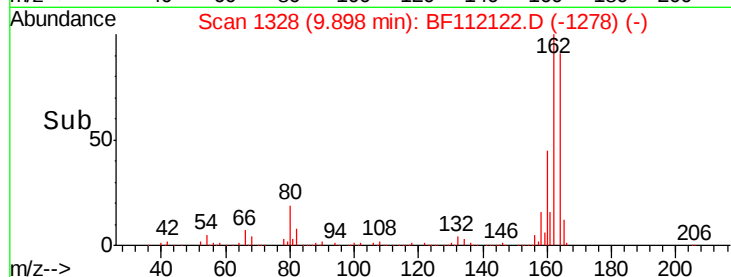
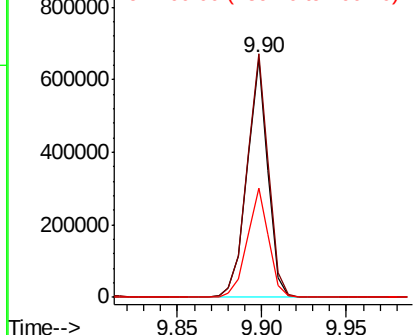
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF112122.D
Acq: 18 Jan 2019 12:52

Instrument :
BNA_F
ClientSampleId :
WC-07-011519MSD

Tot Ion:164	Resp:	570171
Ion Ratio	Lower	Upper
164	100	
162	102.1	82.2 123.4
160	45.9	36.2 54.4

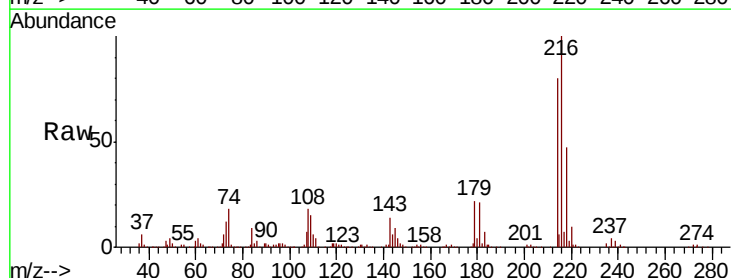


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

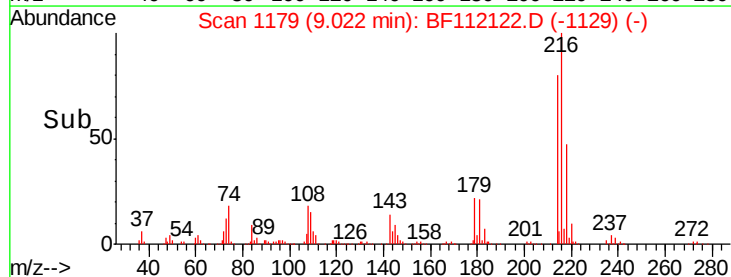
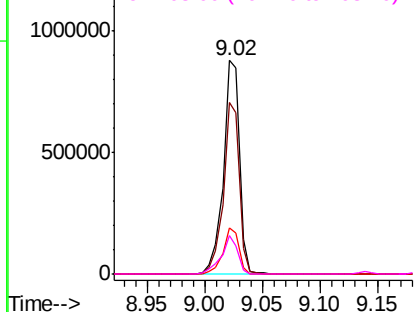


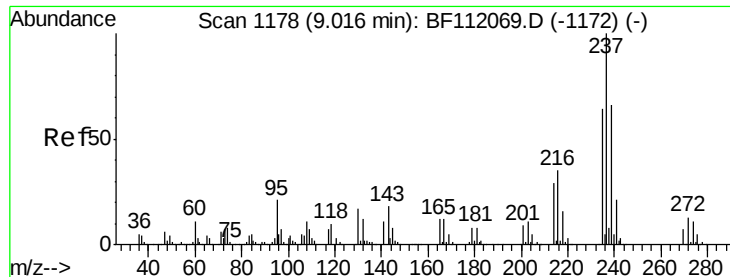
#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.396 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF112122.D
Acq: 18 Jan 2019 12:52

Tgt Ion:216	Resp:	849456
Ion Ratio	Lower	Upper
216	100	
214	79.0	63.8 95.6
179	21.1	16.9 25.3
108	18.2	14.2 21.4



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





#41

Hexachlorocyclopentadiene

Concen: 63.107 ng

RT: 9.01 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF112122.D

Acq: 18 Jan 2019 12:52

Instrument :

BNA_F

ClientSampleId :

WC-07-011519MSD

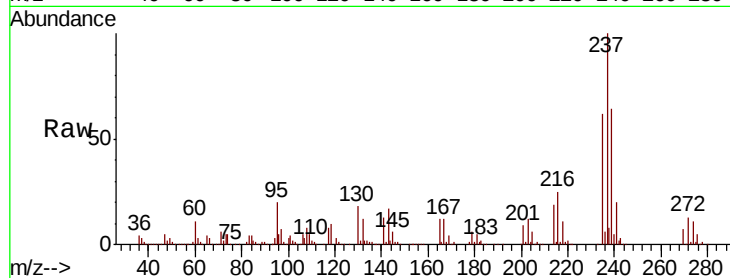
Tot Ion:237 Resp: 448191

Ion Ratio Lower Upper

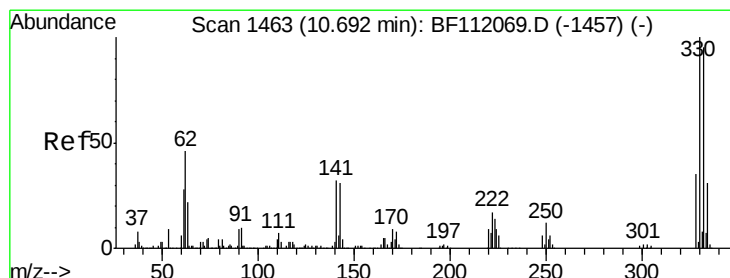
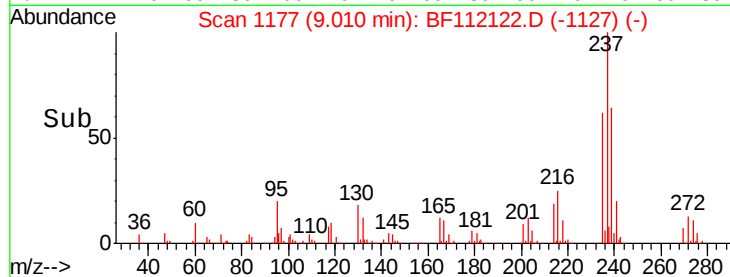
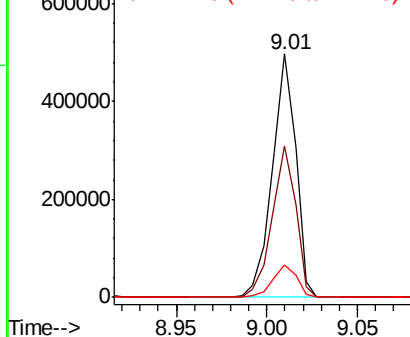
237 100

235 62.1 44.0 84.0

272 13.3 0.0 33.3



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



#42

2,4,6-Tribromophenol

Concen: 128.087 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.00 min

Lab File: BF112122.D

Acq: 18 Jan 2019 12:52

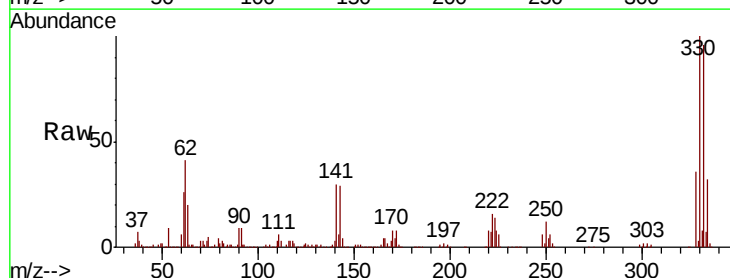
Tgt Ion:330 Resp: 787847

Ion Ratio Lower Upper

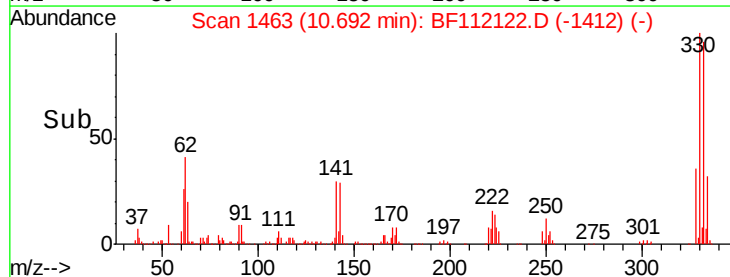
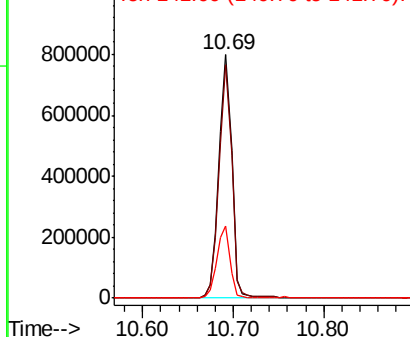
330 100

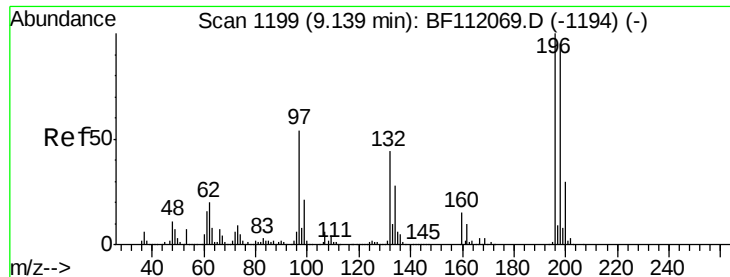
332 95.4 76.6 114.8

141 30.1 24.3 36.5



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

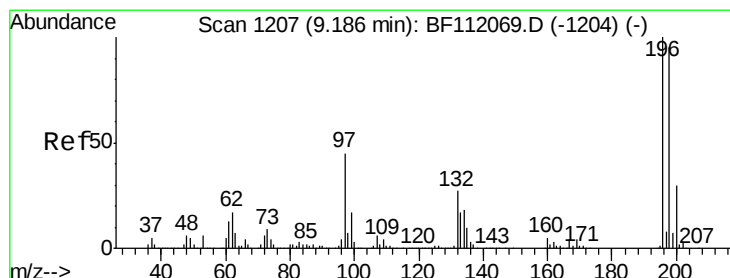
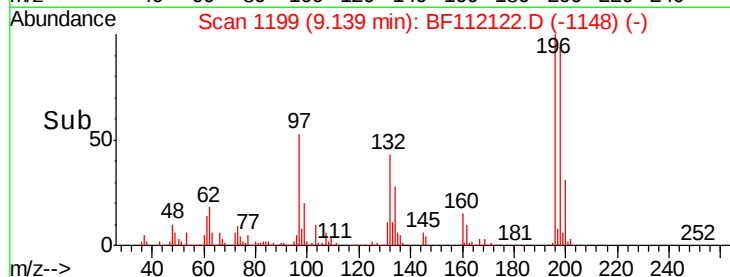
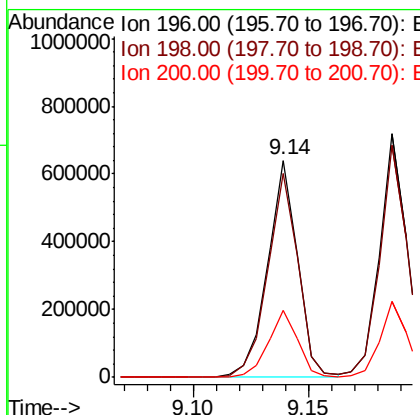
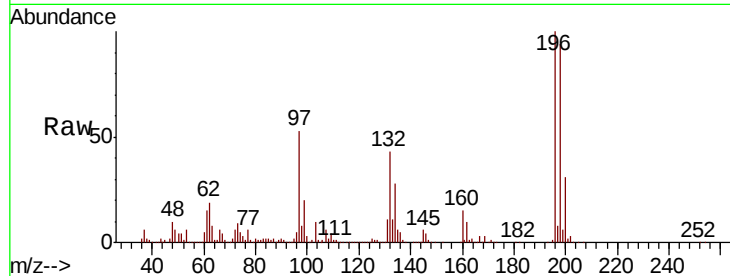




#43
 2,4,6-Trichlorophenol
 Concen: 52.661 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BF112122.D
 Acq: 18 Jan 2019 12:52

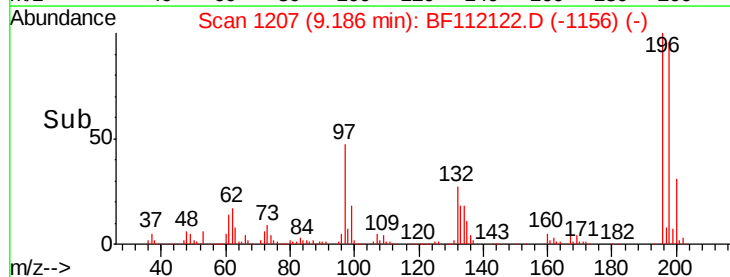
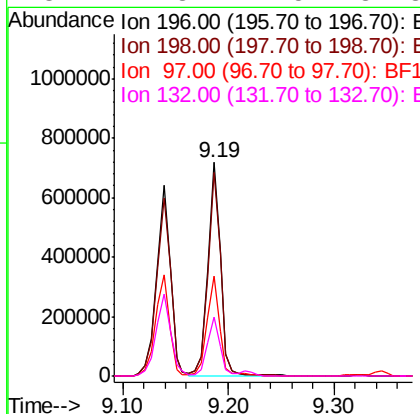
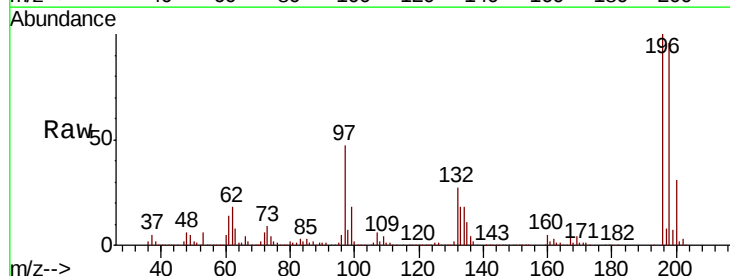
Instrument :
 BNA_F
 ClientSampleId :
 WC-07-011519MSD

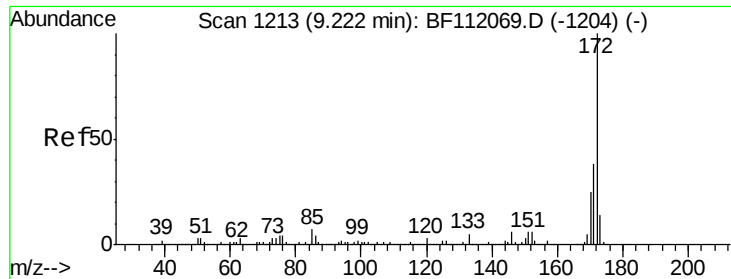
Tot Ion:196 Resp: 576784
 Ion Ratio Lower Upper
 196 100
 198 93.8 76.2 114.4
 200 30.9 24.3 36.5



#44
 2,4,5-Trichlorophenol
 Concen: 51.191 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BF112122.D
 Acq: 18 Jan 2019 12:52

Tgt Ion:196 Resp: 597164
 Ion Ratio Lower Upper
 196 100
 198 95.6 76.0 114.0
 97 46.8 36.4 54.6
 132 27.3 21.5 32.3

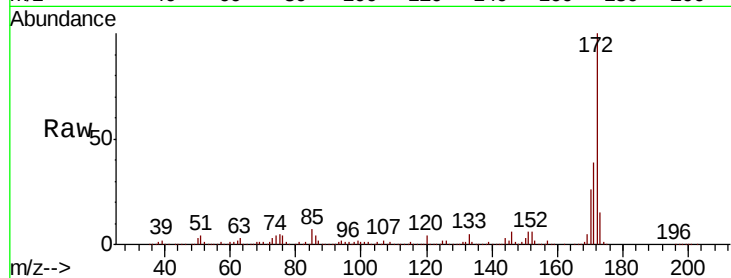




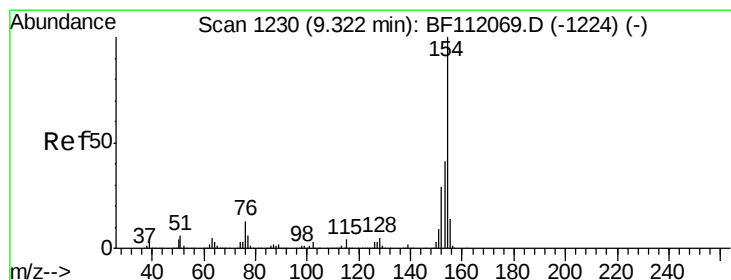
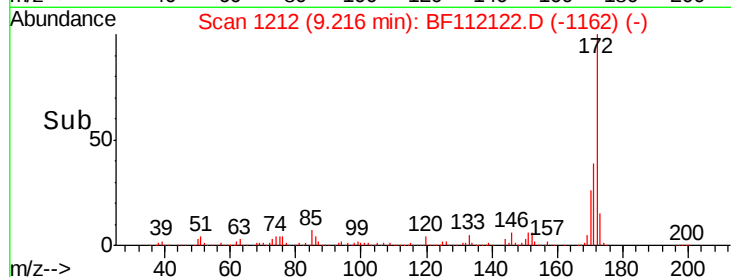
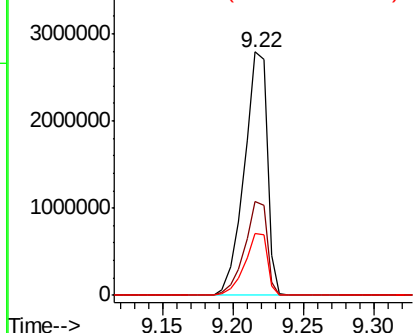
#45
2-Fluorobiphenyl
Concen: 82.153 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF112122.D
Acq: 18 Jan 2019 12:52

Instrument :
BNA_F
ClientSampleId :
WC-07-011519MSD

Tot Ion:172 Resp: 3194916
Ion Ratio Lower Upper
172 100
171 38.6 30.5 45.7
170 25.6 20.2 30.4

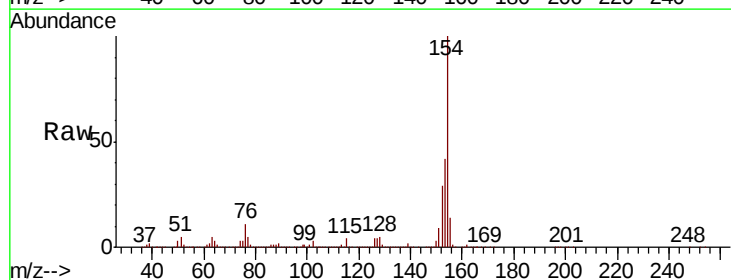


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

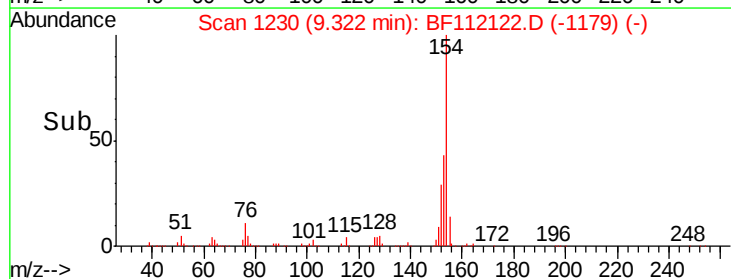
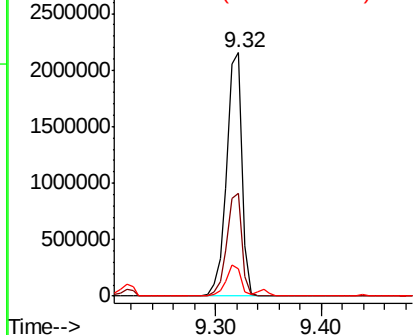


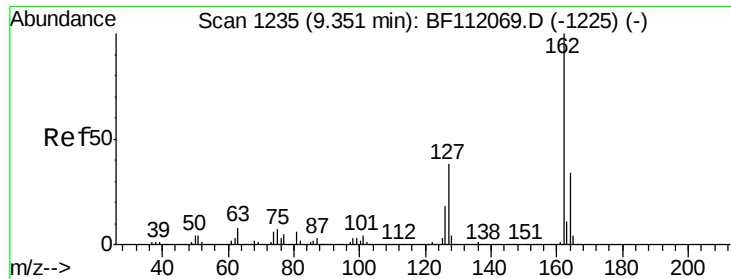
#46
1,1'-Biphenyl
Concen: 45.313 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.00 min
Lab File: BF112122.D
Acq: 18 Jan 2019 12:52

Tgt Ion:154 Resp: 2160329
Ion Ratio Lower Upper
154 100
153 42.5 21.5 61.5
76 11.4 0.0 33.1



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

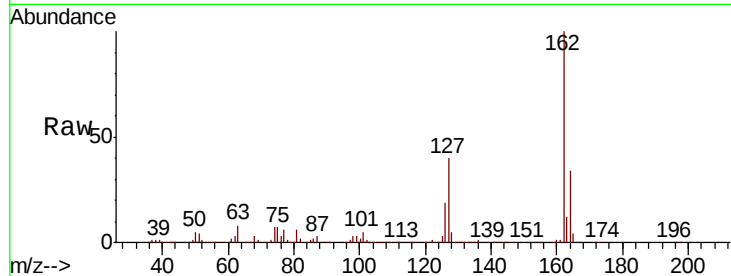




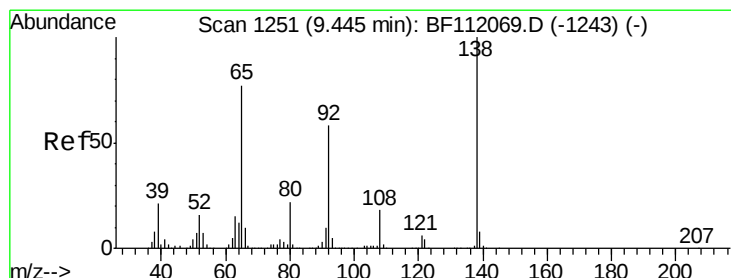
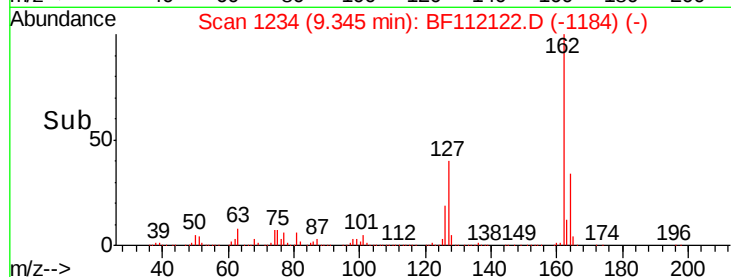
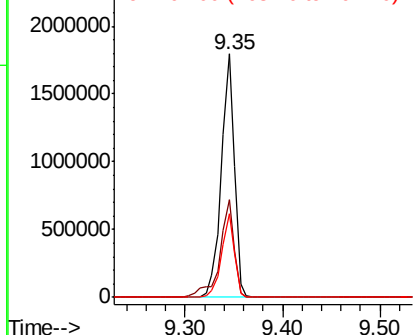
#47
2-Chloronaphthalene
Concen: 45.142 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF112122.D
Acq: 18 Jan 2019 12:52

Instrument :
BNA_F
ClientSampleId :
WC-07-011519MSD

Tot Ion:162 Resp: 1684654
Ion Ratio Lower Upper
162 100
127 39.9 30.4 45.6
164 34.3 27.4 41.2

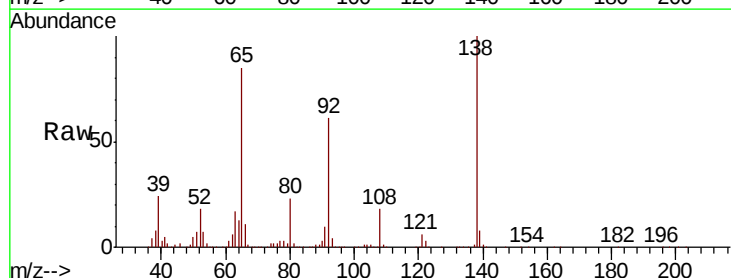


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

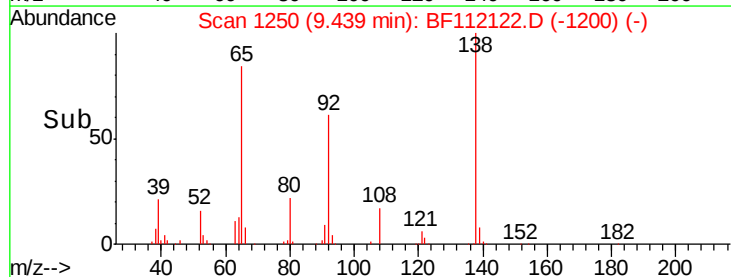
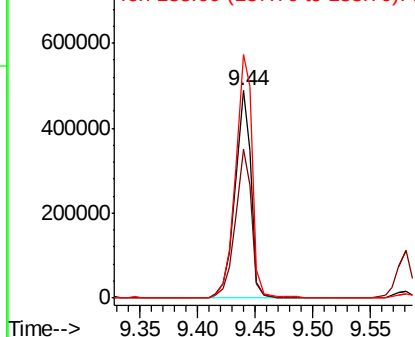


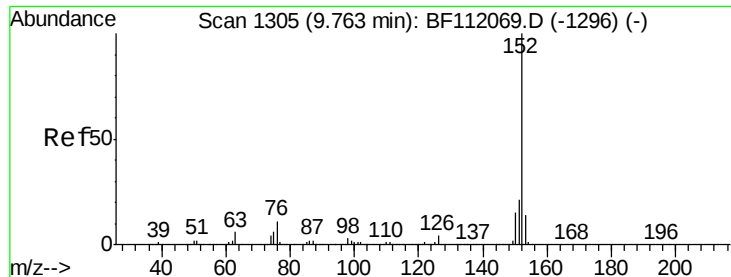
#48
2-Nitroaniline
Concen: 55.797 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BF112122.D
Acq: 18 Jan 2019 12:52

Tgt Ion: 65 Resp: 469025
Ion Ratio Lower Upper
65 100
92 72.0 60.4 90.6
138 117.3 104.4 156.6



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 47.758 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF112122.D

Acq: 18 Jan 2019 12:52

Instrument :

BNA_F

ClientSampleId :

WC-07-011519MSD

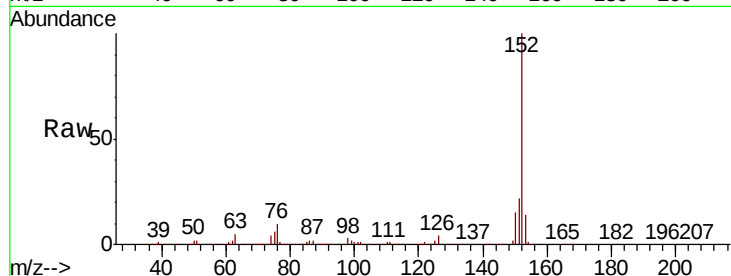
Tot Ion:152 Resp: 2600898

Ion Ratio Lower Upper

152 100

151 22.1 17.0 25.6

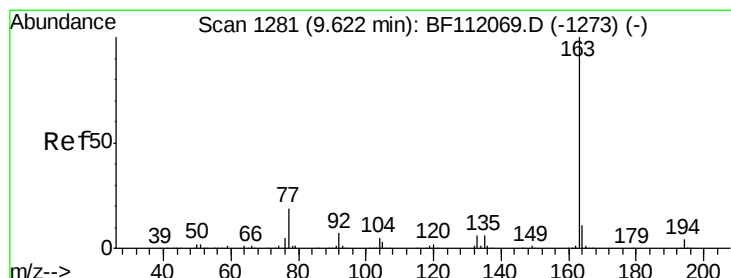
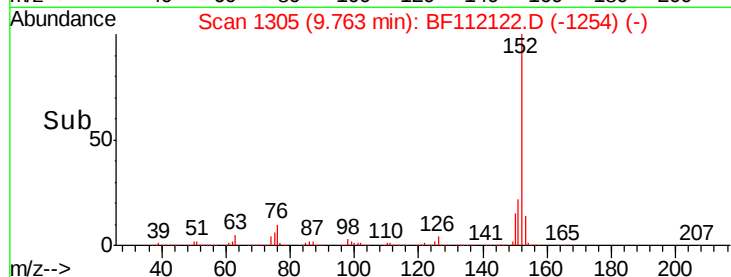
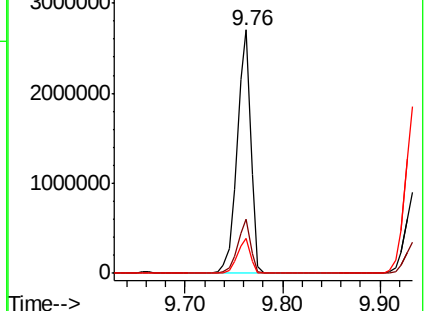
153 14.2 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 55.901 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.00 min

Lab File: BF112122.D

Acq: 18 Jan 2019 12:52

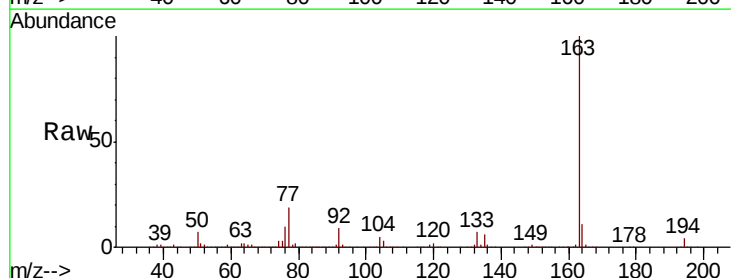
Tgt Ion:163 Resp: 2324462

Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

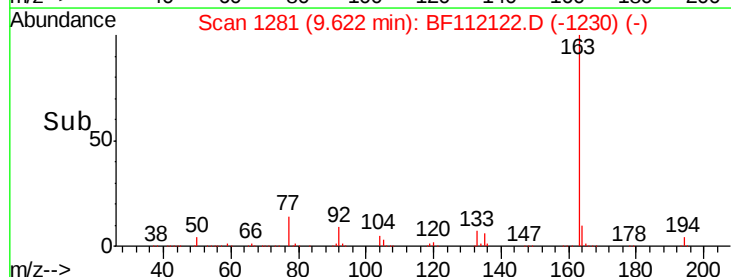
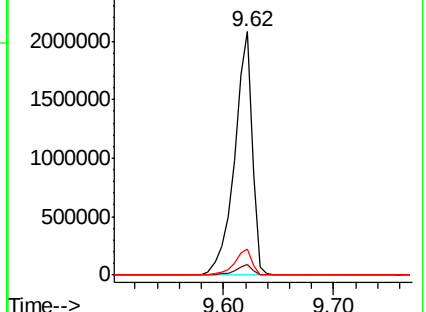
164 10.5 8.5 12.7

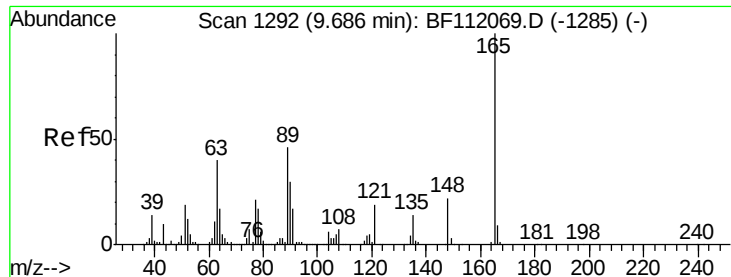


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

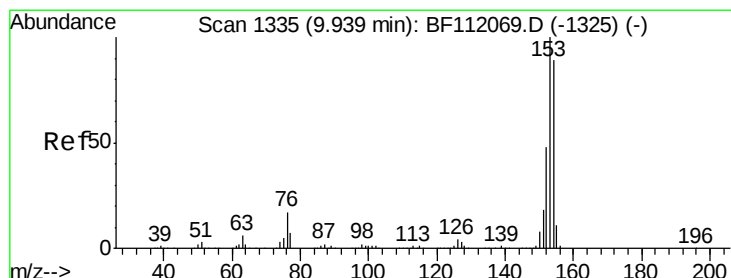
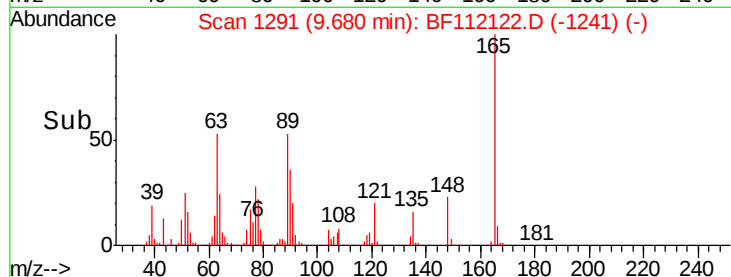
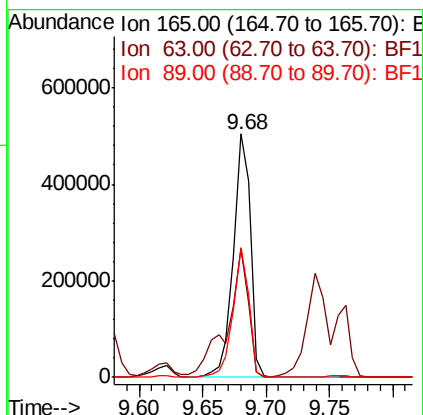
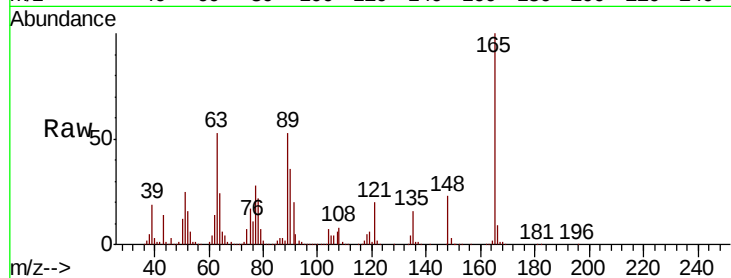




#51
2,6-Dinitrotoluene
Concen: 56.144 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF112122.D
Acq: 18 Jan 2019 12:52

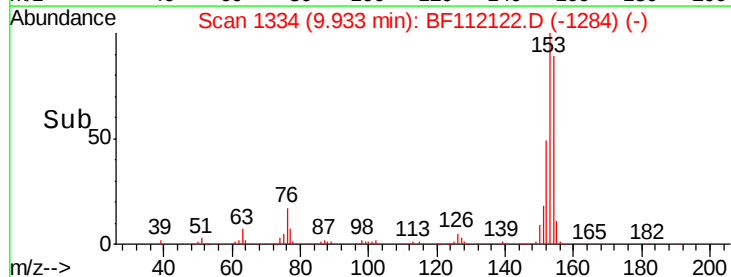
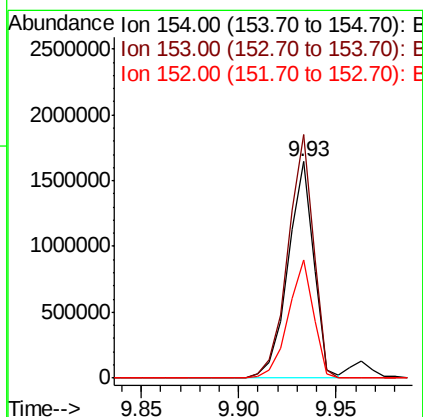
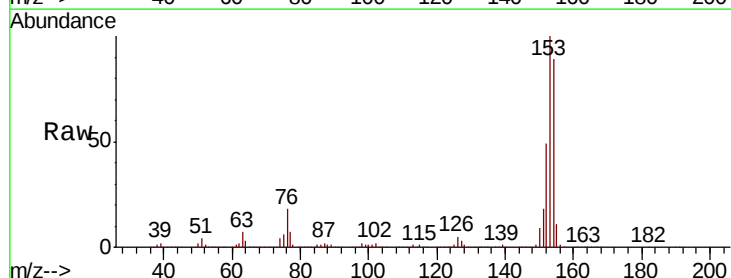
Instrument :
BNA_F
ClientSampleId :
WC-07-011519MSD

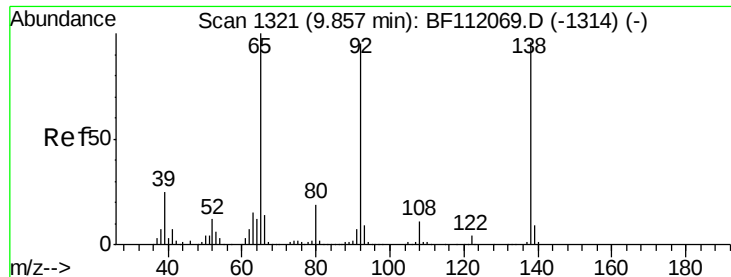
Tot Ion:165 Resp: 466219
Ion Ratio Lower Upper
165 100
63 52.8 33.8 50.8#
89 53.5 36.9 55.3



#52
Acenaphthene
Concen: 45.146 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF112122.D
Acq: 18 Jan 2019 12:52

Tgt Ion:154 Resp: 1504289
Ion Ratio Lower Upper
154 100
153 112.4 89.8 134.6
152 54.7 43.5 65.3

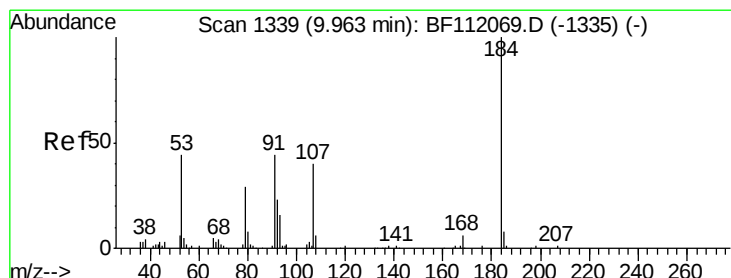
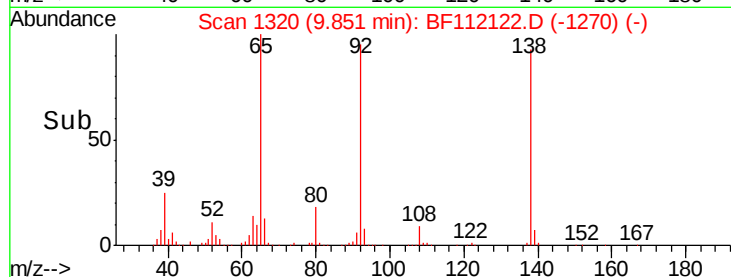
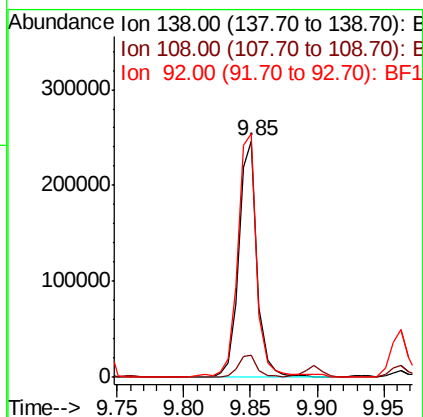
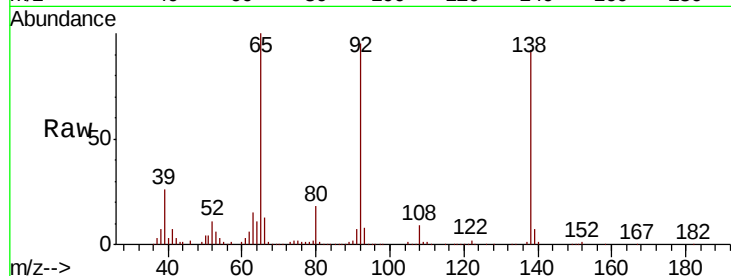




#53
 3-Nitroaniline
 Concen: 25.539 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF112122.D
 Acq: 18 Jan 2019 12:52

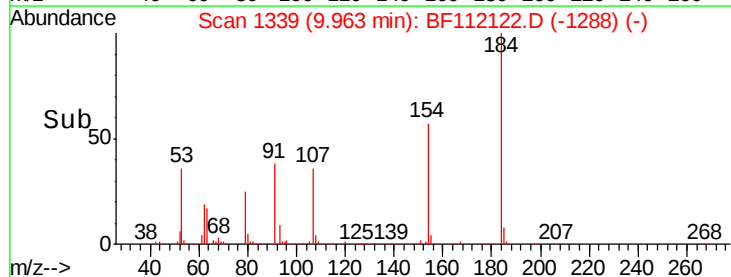
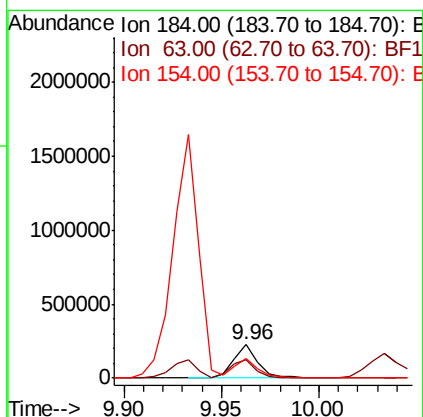
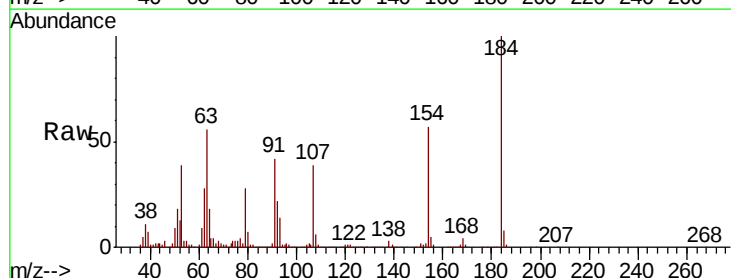
Instrument :
 BNA_F
 ClientSampleId :
 WC-07-011519MSD

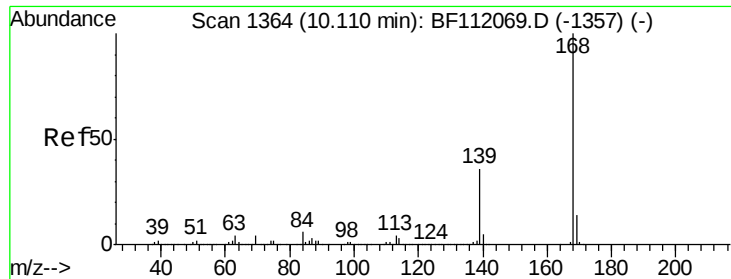
Tot Ion:138 Resp: 237157
 Ion Ratio Lower Upper
 138 100
 108 9.7 9.8 14.6#
 92 103.1 79.4 119.2



#54
 2,4-Dinitrophenol
 Concen: 76.146 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF112122.D
 Acq: 18 Jan 2019 12:52

Tgt Ion:184 Resp: 200519
 Ion Ratio Lower Upper
 184 100
 63 55.6 47.1 70.7
 154 57.3 48.9 73.3

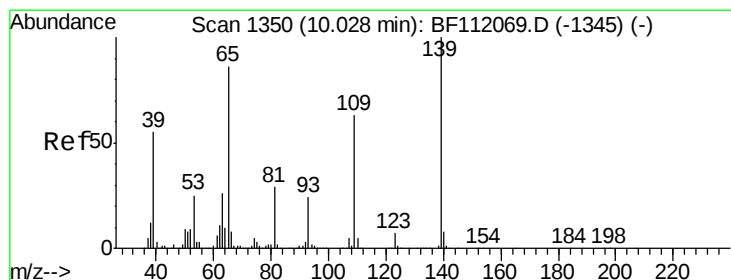
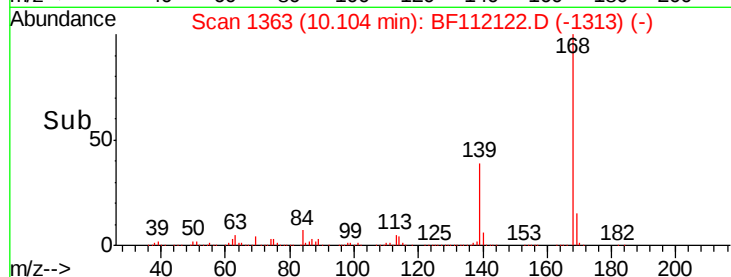
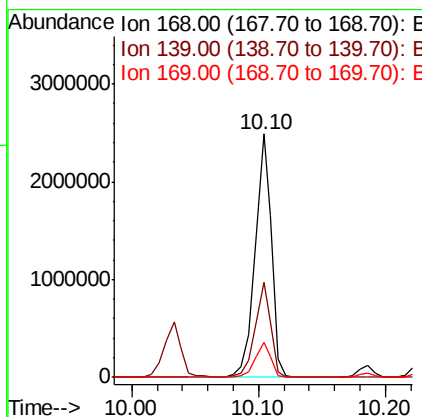
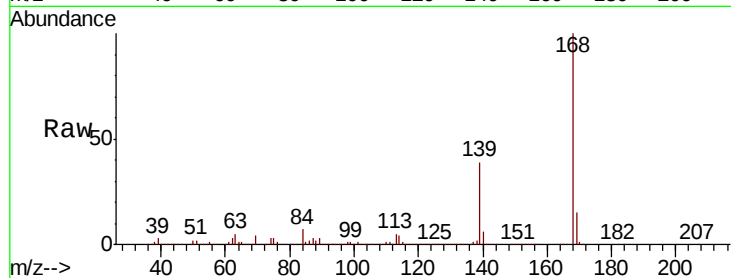




#55
Dibenzofuran
Concen: 44.824 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF112122.D
Acq: 18 Jan 2019 12:52

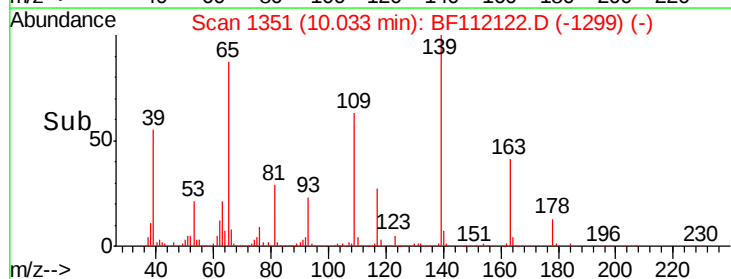
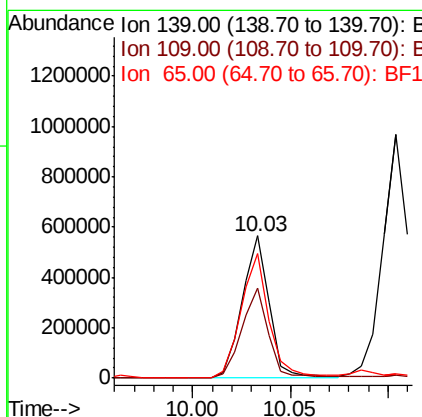
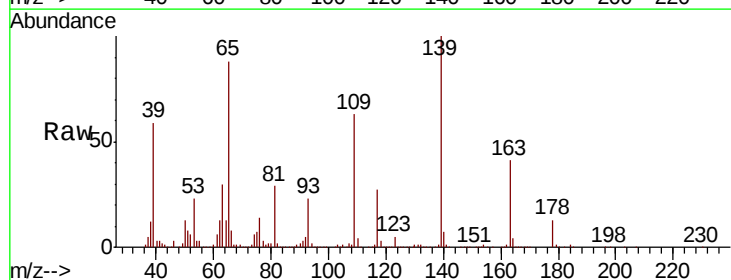
Instrument :
BNA_F
ClientSampleId :
WC-07-011519MSD

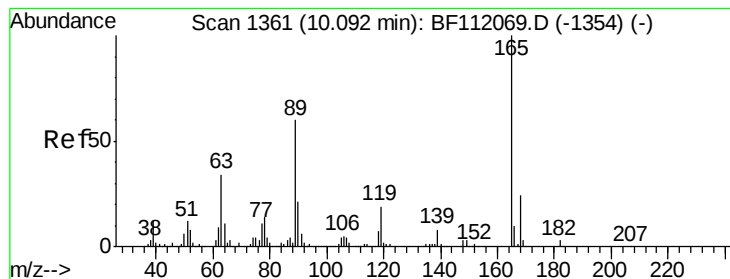
Tot Ion:168 Resp: 2258695
Ion Ratio Lower Upper
168 100
139 38.9 29.2 43.8
169 14.6 11.4 17.0



#56
4-Nitrophenol
Concen: 82.092 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF112122.D
Acq: 18 Jan 2019 12:52

Tgt Ion:139 Resp: 545896
Ion Ratio Lower Upper
139 100
109 62.9 42.8 82.8
65 87.7 66.1 106.1





#57

2,4-Dinitrotoluene

Concen: 53.926 ng

RT: 10.09 min Scan# 1360

Delta R.T. -0.01 min

Lab File: BF112122.D

Acq: 18 Jan 2019 12:52

Instrument :

BNA_F

ClientSampleId :

WC-07-011519MSD

Tot Ion:165 Resp: 581497

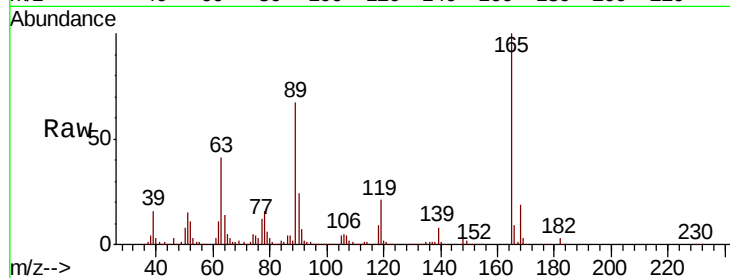
Ion Ratio Lower Upper

165 100

63 41.3 27.9 41.9

89 67.3 47.9 71.9

182 2.8 2.2 3.4

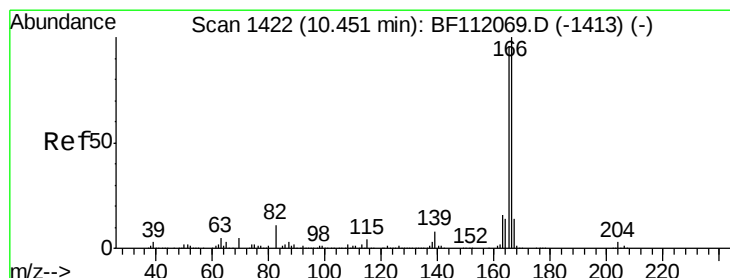
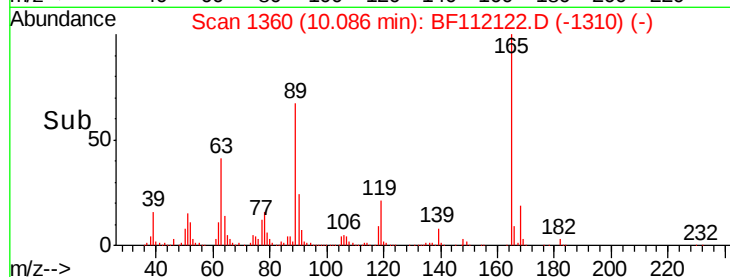
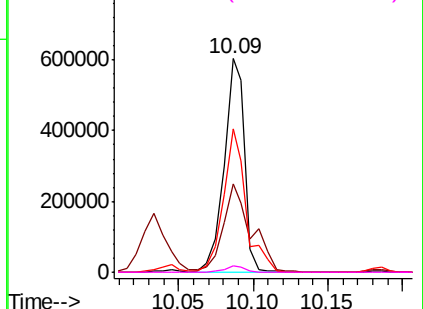


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 45.911 ng

RT: 10.44 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BF112122.D

Acq: 18 Jan 2019 12:52

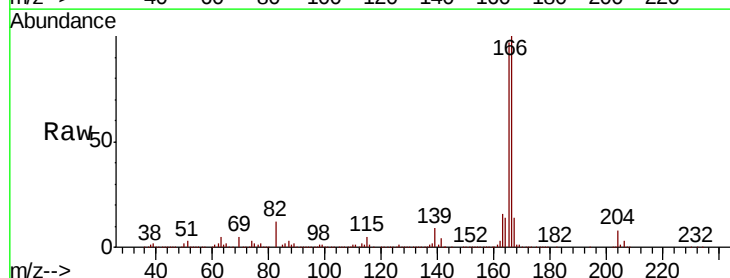
Tgt Ion:166 Resp: 1728506

Ion Ratio Lower Upper

166 100

165 96.9 77.1 115.7

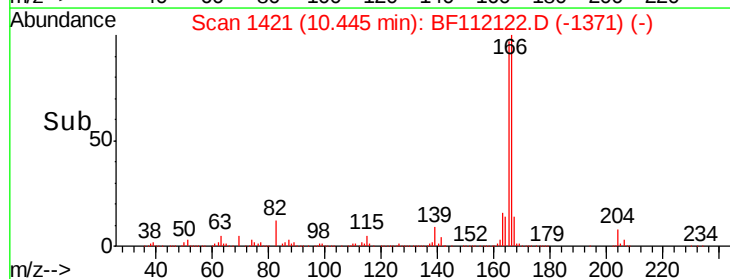
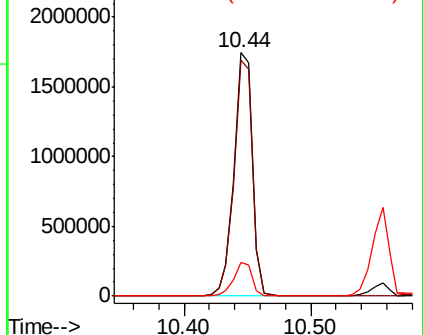
167 14.0 11.3 16.9

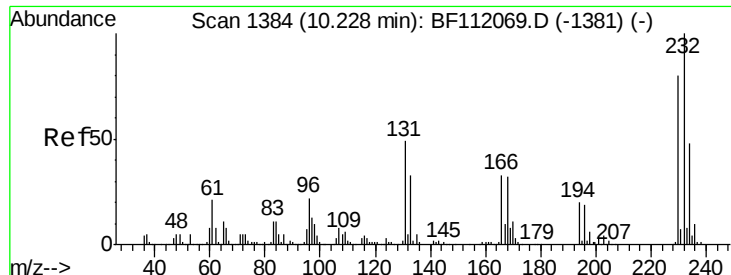


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

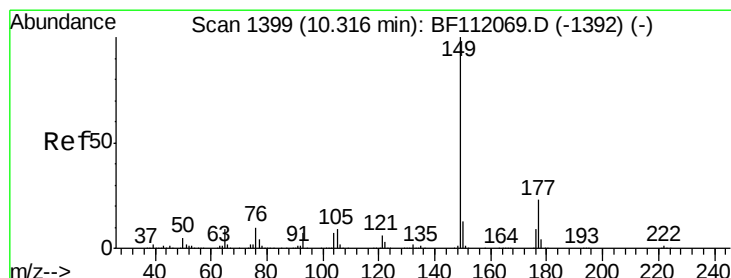
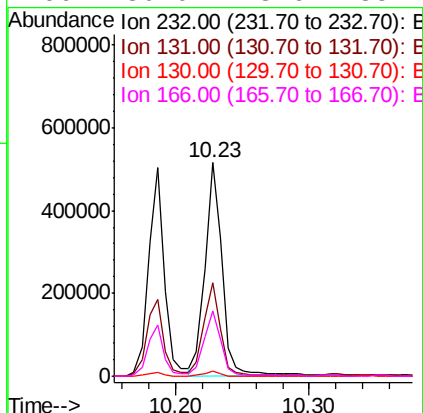
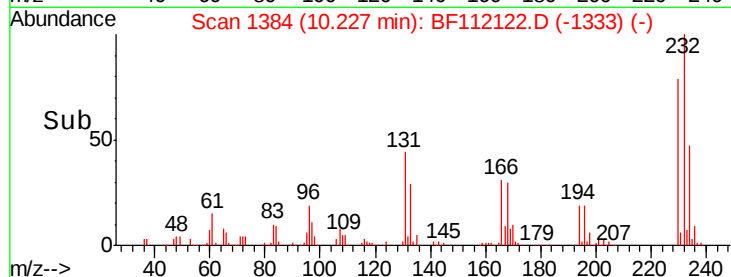
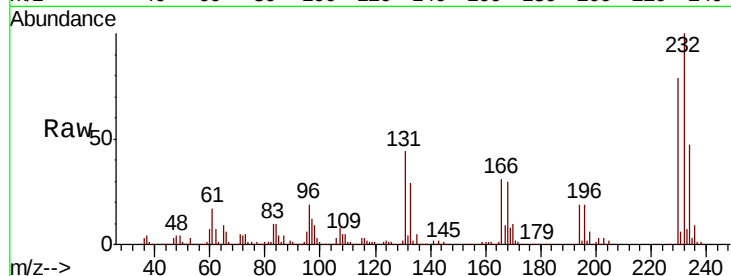




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.307 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. -0.00 min
 Lab File: BF112122.D
 Acq: 18 Jan 2019 12:52

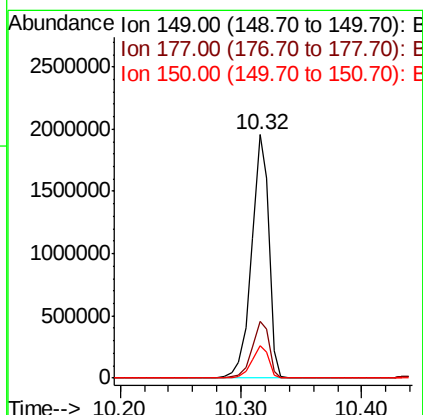
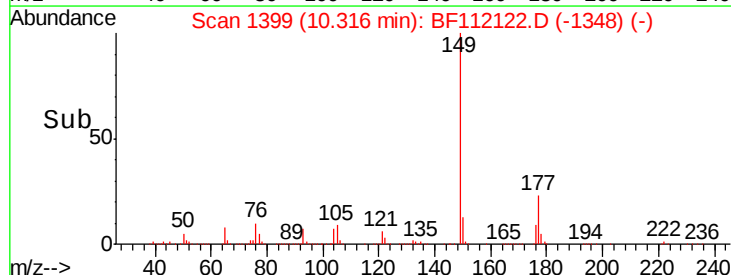
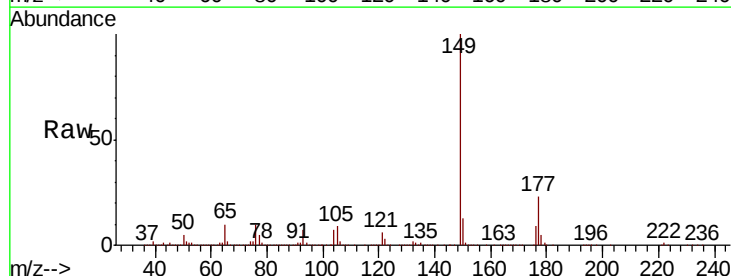
Instrument :
 BNA_F
 ClientSampleId :
 WC-07-011519MSD

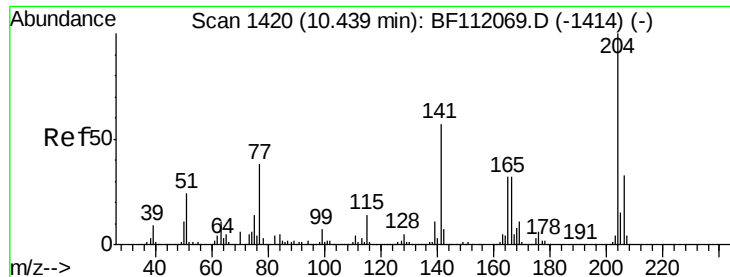
Tot Ion	Ratio	Lower	Upper
232	100		
131	42.5	33.9	50.9
130	2.3	1.8	2.6
166	30.0	23.6	35.4



#60
 Diethylphthalate
 Concen: 47.952 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.00 min
 Lab File: BF112122.D
 Acq: 18 Jan 2019 12:52

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.2	27.2
150	13.1	10.4	15.6

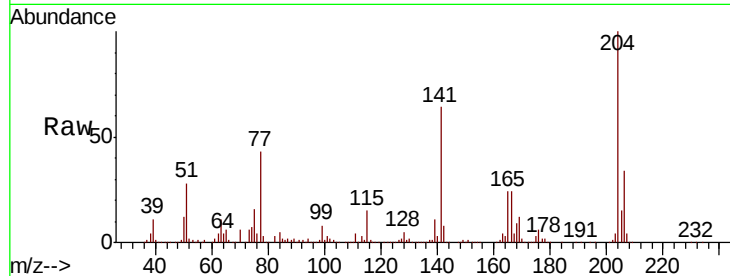




#61
 4-Chlorophenyl-phenylether
 Concen: 42.595 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BF112122.D
 Acq: 18 Jan 2019 12:52

Instrument :
 BNA_F
 ClientSampleId :
 WC-07-011519MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.5	39.7
141	64.0	45.9	68.9

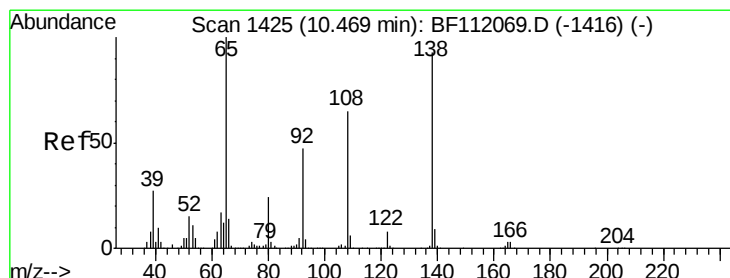
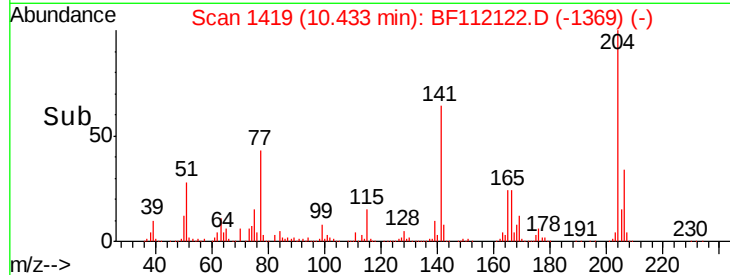
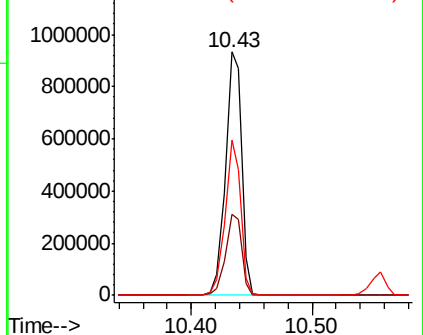


Abundance

Ion 204.00 (203.70 to 204.70): E

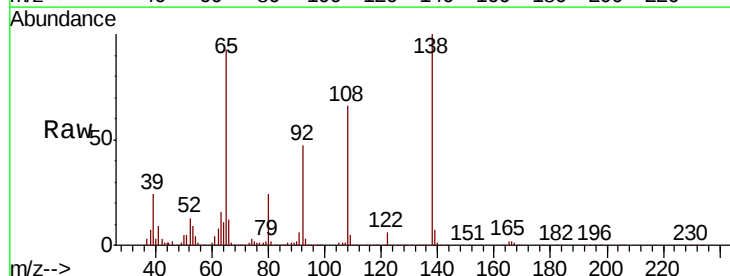
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 40.476 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.00 min
 Lab File: BF112122.D
 Acq: 18 Jan 2019 12:52

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.0	30.6	70.6
108	65.7	50.0	90.0

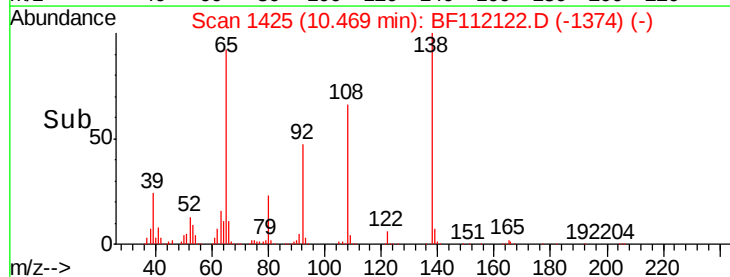
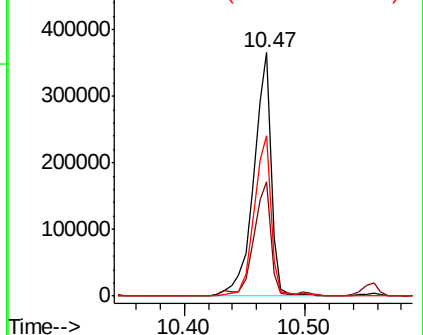


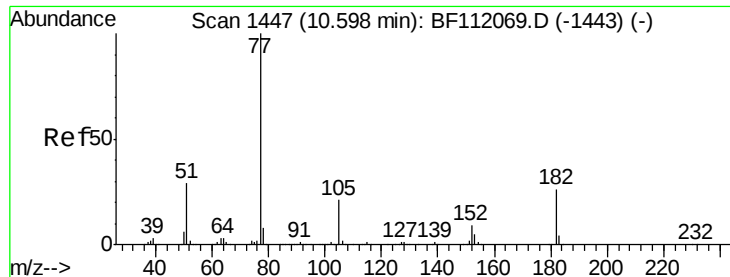
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E

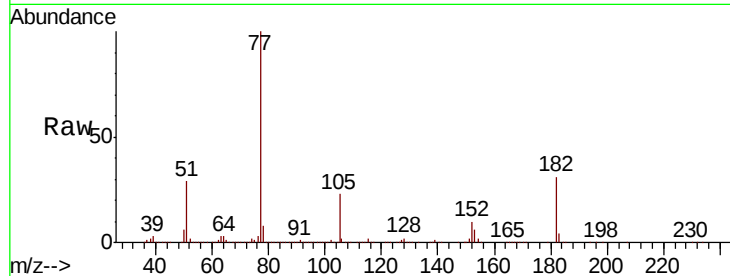




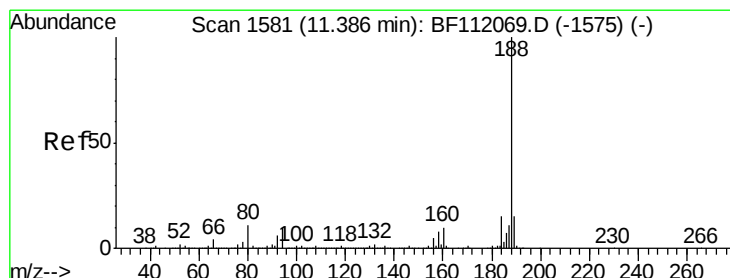
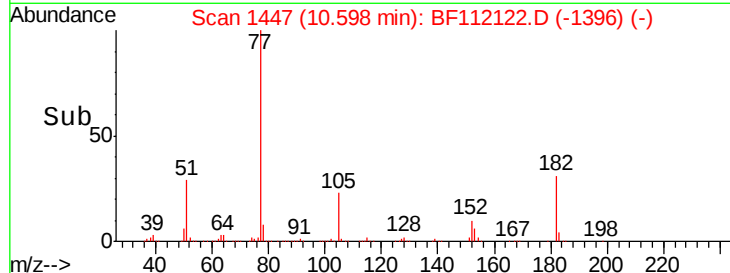
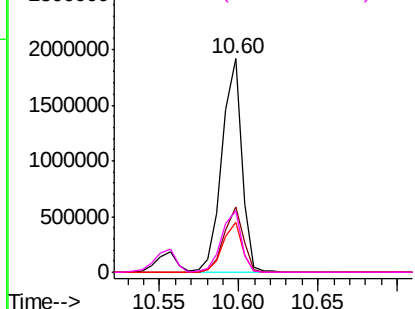
#63
Azobenzene
Concen: 42.757 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BF112122.D
Acq: 18 Jan 2019 12:52

Instrument :
BNA_F
ClientSampleId :
WC-07-011519MSD

Tot Ion:	77	Resp:	1661967
Ion	Ratio	Lower	Upper
77	100		
182	30.7	5.7	45.7
105	23.3	1.4	41.4
51	28.9	9.5	49.5

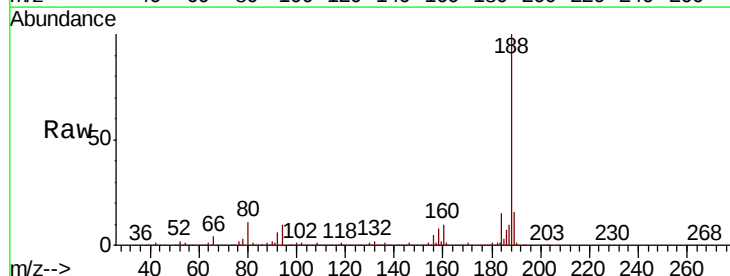


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

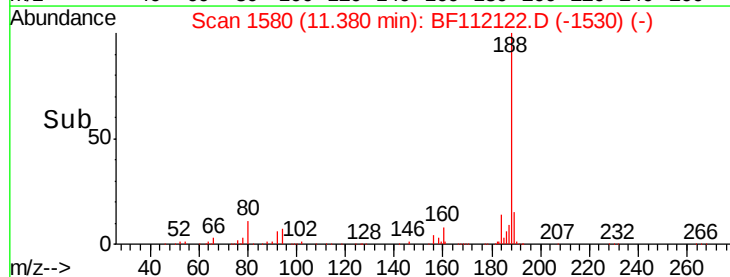
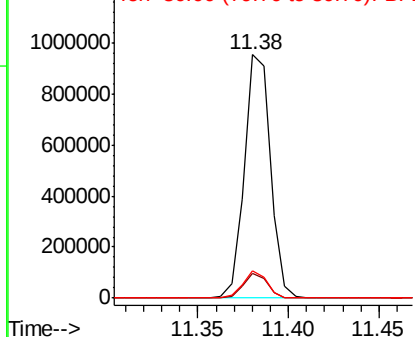


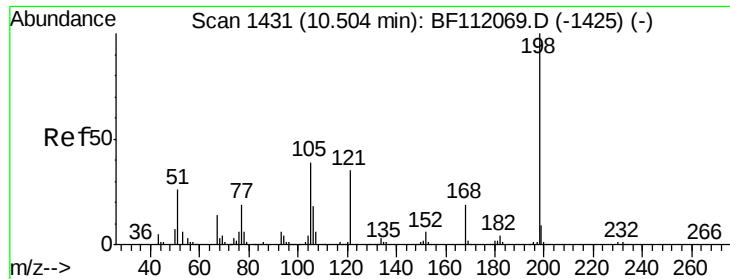
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF112122.D
Acq: 18 Jan 2019 12:52

Tgt Ion:	188	Resp:	953876
Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.2	12.2
80	11.0	8.9	13.3



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

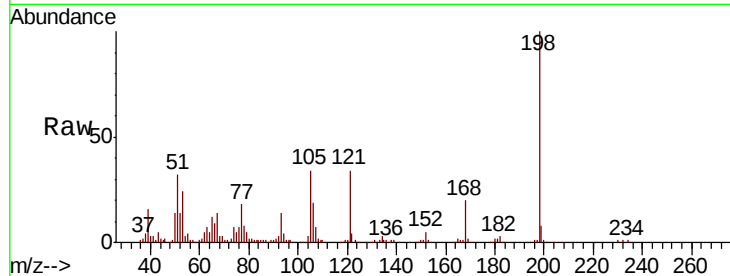




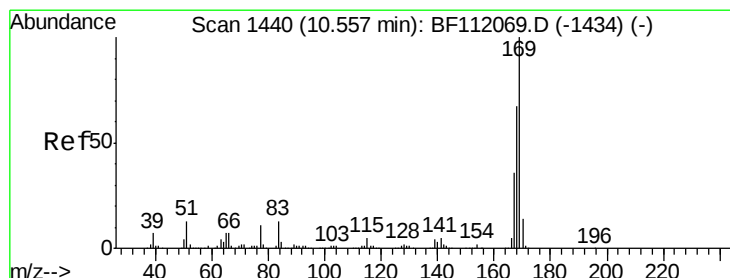
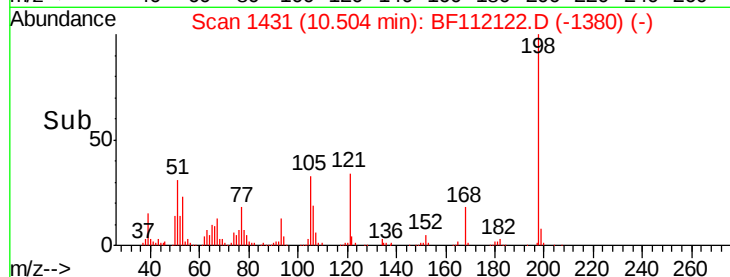
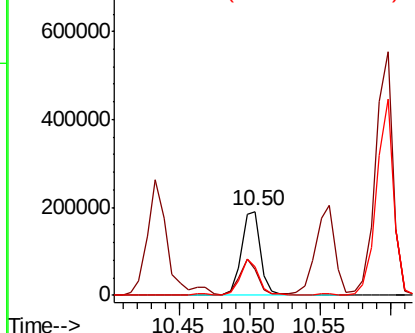
#65
 4,6-Dinitro-2-methylphenol
 Concen: 46.595 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: BF112122.D
 Acq: 18 Jan 2019 12:52

Instrument :
 BNA_F
 ClientSampleId :
 WC-07-011519MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	31.7	17.2	57.2
105	33.6	21.9	61.9

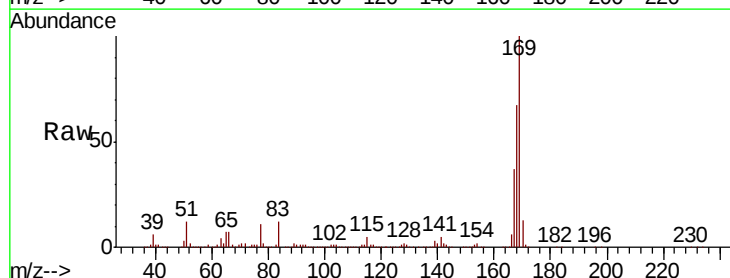


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

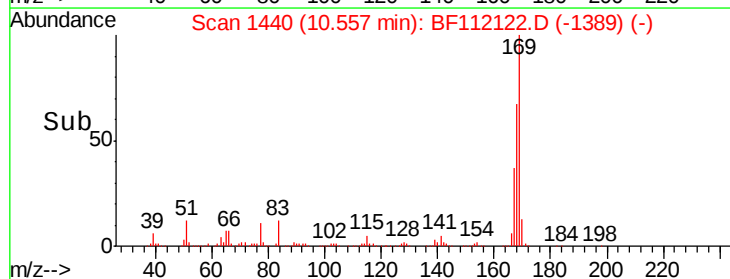
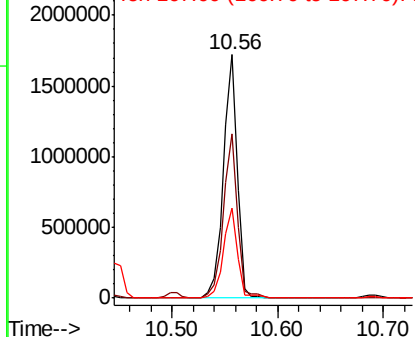


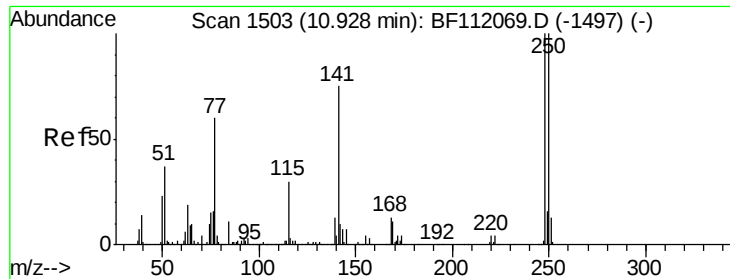
#66
 n-Nitrosodiphenylamine
 Concen: 50.227 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: BF112122.D
 Acq: 18 Jan 2019 12:52

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.3	53.9	80.9
167	37.2	28.9	43.3



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

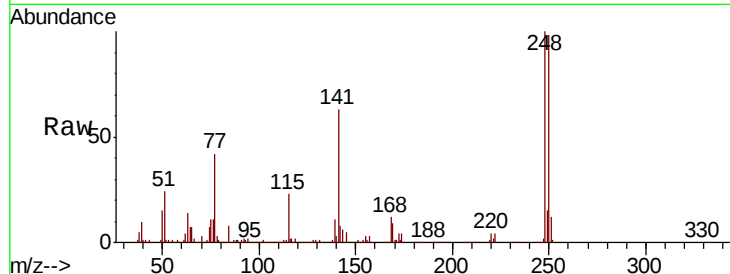




#67
4-Bromophenyl-phenylether
Concen: 49.181 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BF112122.D
Acq: 18 Jan 2019 12:52

Instrument :
BNA_F
ClientSampleId :
WC-07-011519MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.5	79.7	119.5
141	63.1	60.3	90.5

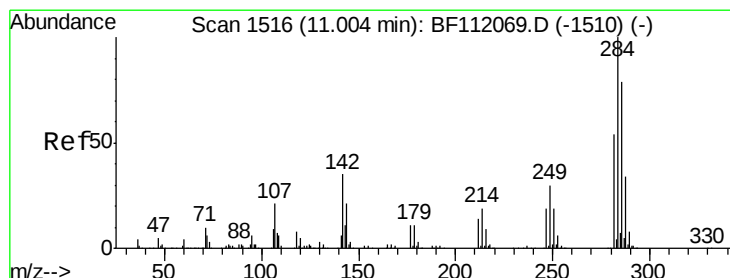
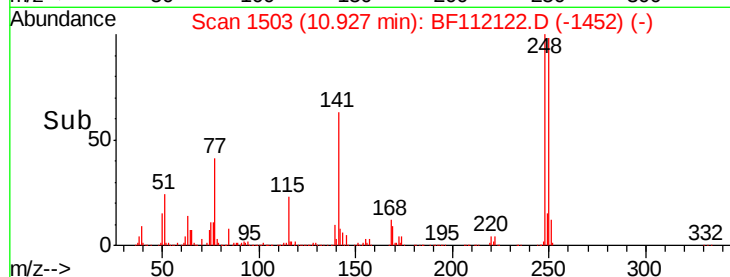
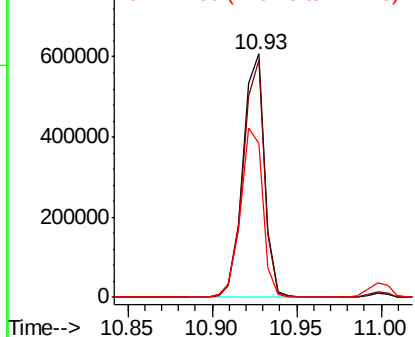


Abundance

Ion 248.00 (247.70 to 248.70): E

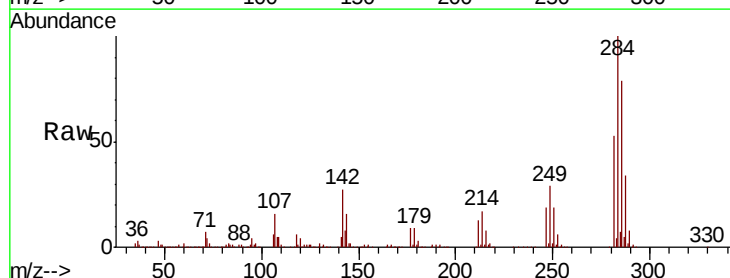
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 46.923 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.00 min
Lab File: BF112122.D
Acq: 18 Jan 2019 12:52

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.4	27.6	41.4#
249	28.5	24.1	36.1

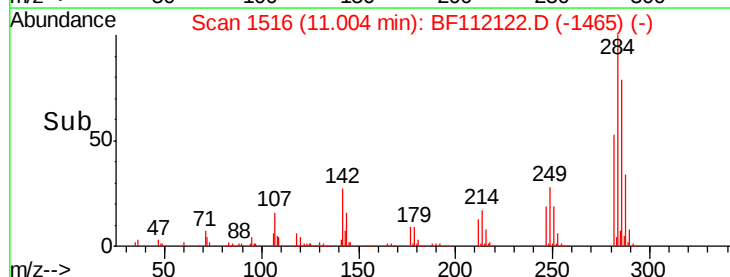
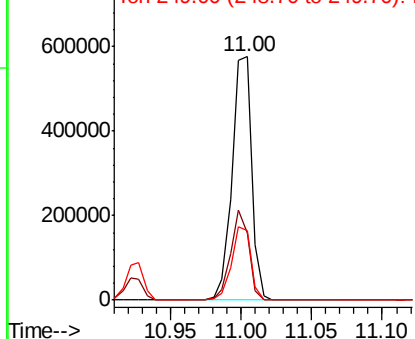


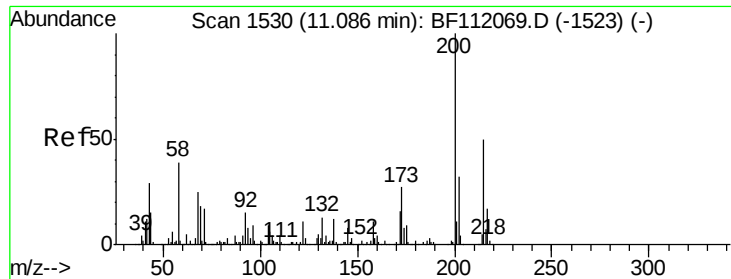
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

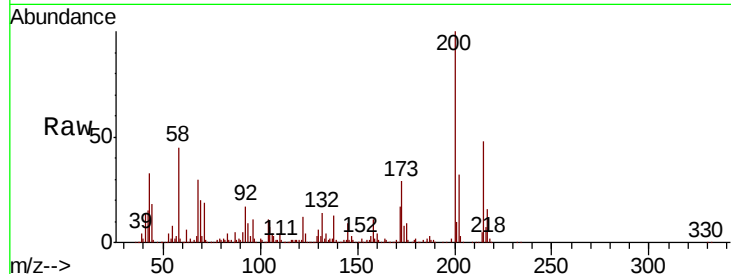




#69
Atrazine
Concen: 49.313 ng
RT: 11.08 min Scan# 1529
Delta R.T. -0.01 min
Lab File: BF112122.D
Acq: 18 Jan 2019 12:52

Instrument :
BNA_F
ClientSampleId :
WC-07-011519MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.8	7.1	47.1
215	47.6	30.4	70.4

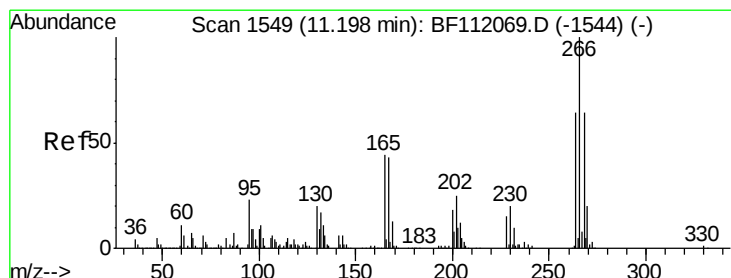
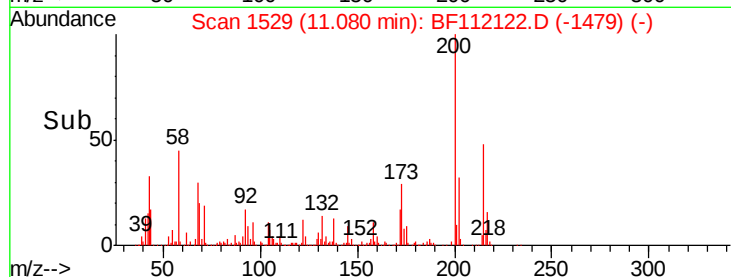
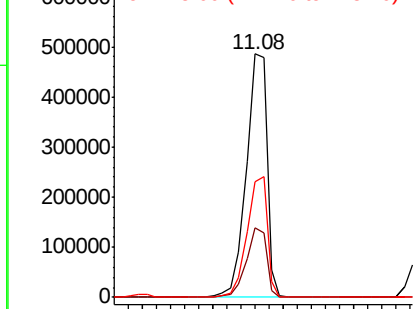


Abundance

Ion 200.00 (199.70 to 200.70): E

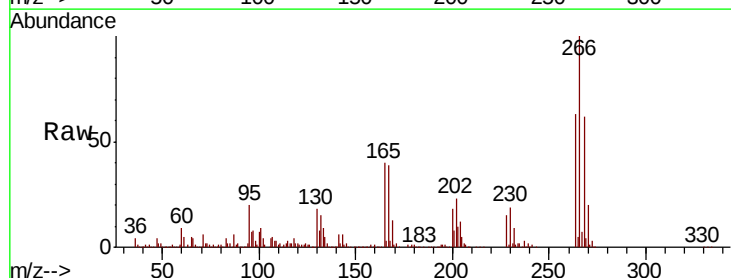
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 82.065 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.00 min
Lab File: BF112122.D
Acq: 18 Jan 2019 12:52

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.4	51.2	76.8
264	62.7	50.9	76.3

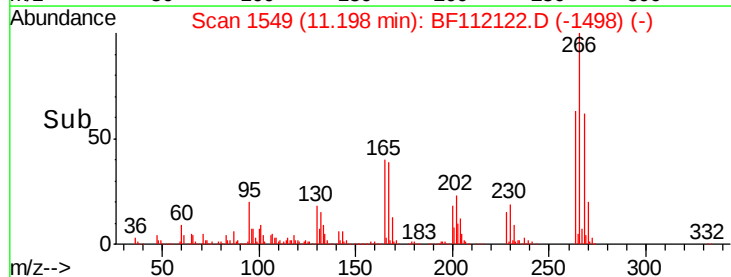
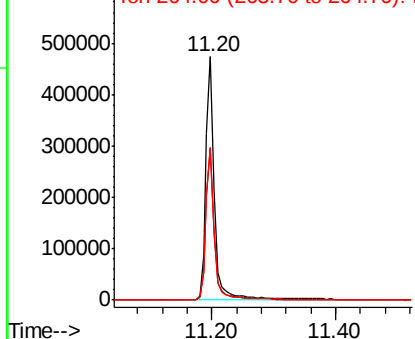


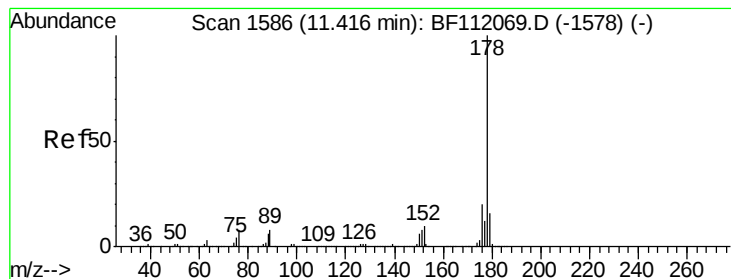
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 48.974 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF112122.D

Acq: 18 Jan 2019 12:52

Instrument :

BNA_F

ClientSampleId :

WC-07-011519MSD

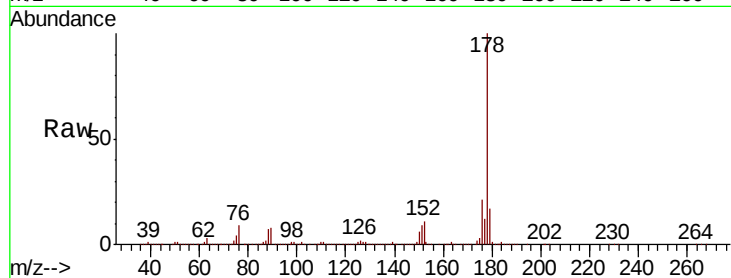
Tot Ion:178 Resp: 2350993

Ion Ratio Lower Upper

178 100

176 20.7 16.3 24.5

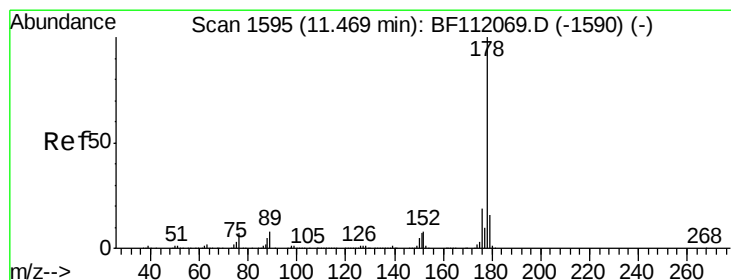
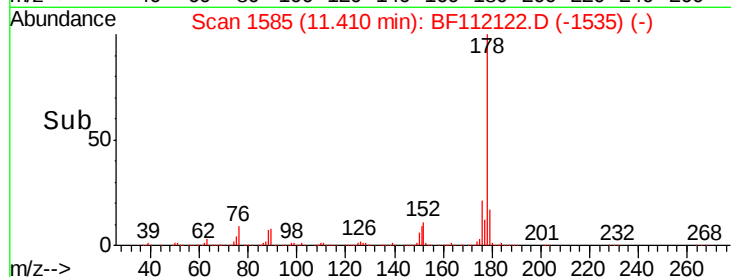
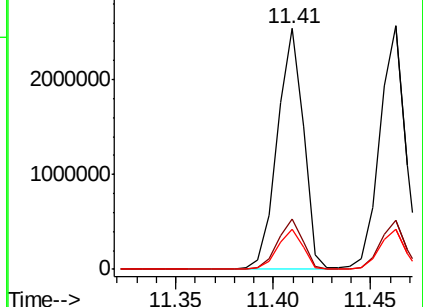
179 16.8 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 47.521 ng

RT: 11.46 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BF112122.D

Acq: 18 Jan 2019 12:52

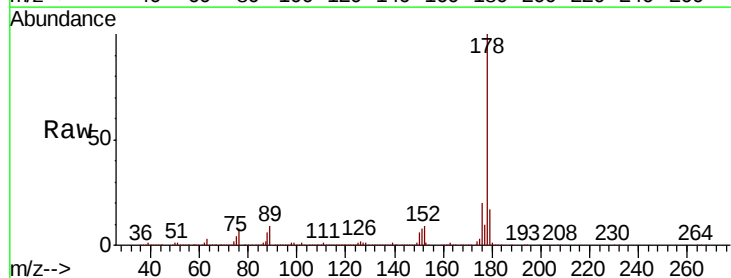
Tgt Ion:178 Resp: 2310882

Ion Ratio Lower Upper

178 100

176 20.0 15.5 23.3

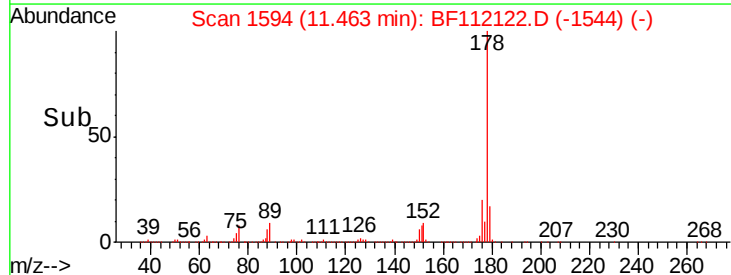
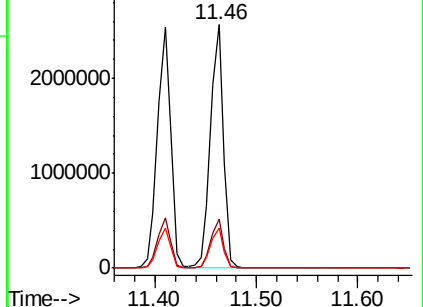
179 16.5 12.8 19.2

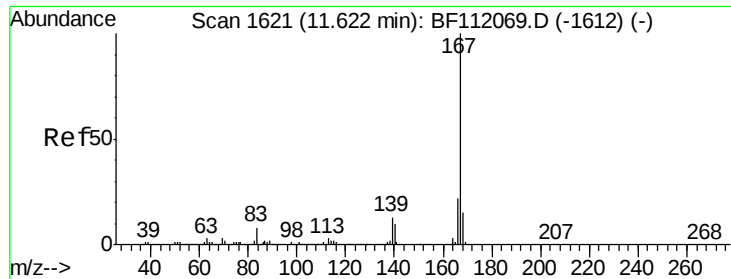


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

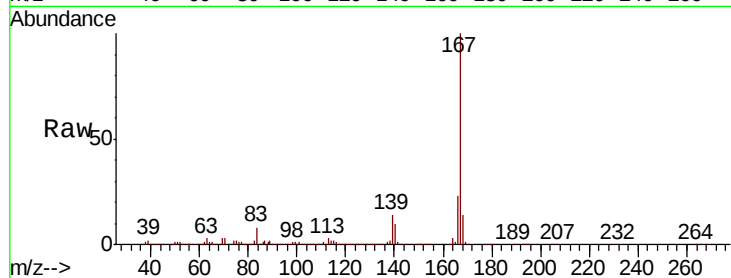




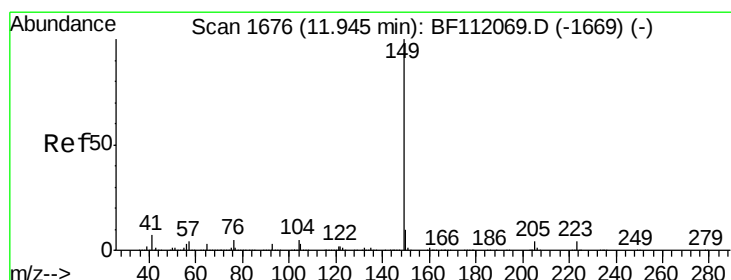
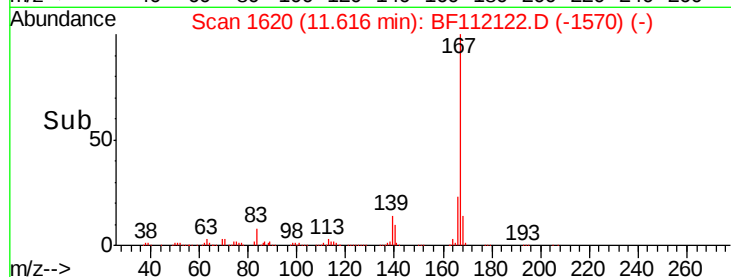
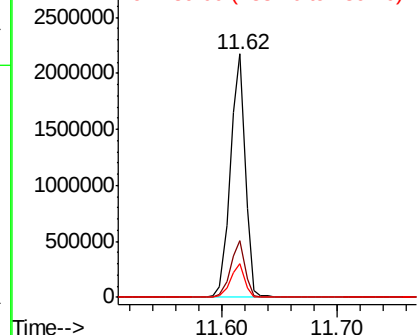
#73
 Carbazole
 Concen: 39.799 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. -0.01 min
 Lab File: BF112122.D
 Acq: 18 Jan 2019 12:52

Instrument :
 BNA_F
 ClientSampleId :
 WC-07-011519MSD

Tot Ion:167 Resp: 1938774
 Ion Ratio Lower Upper
 167 100
 166 23.2 17.9 26.9
 139 13.7 10.2 15.2

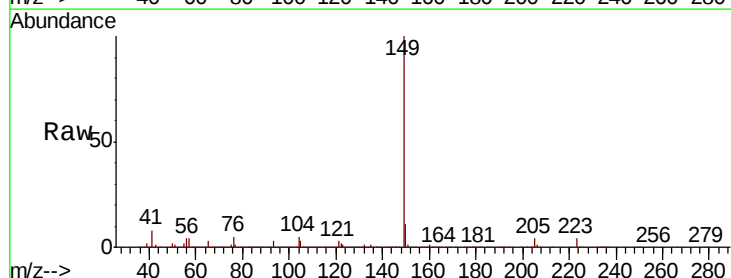


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

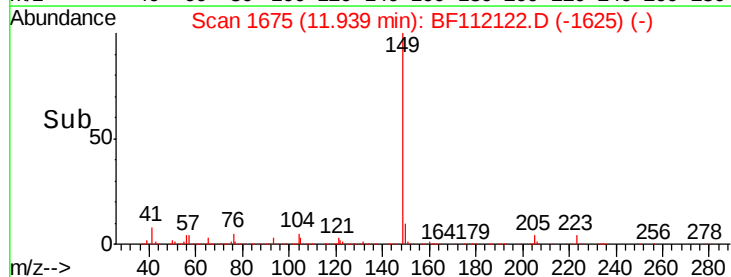
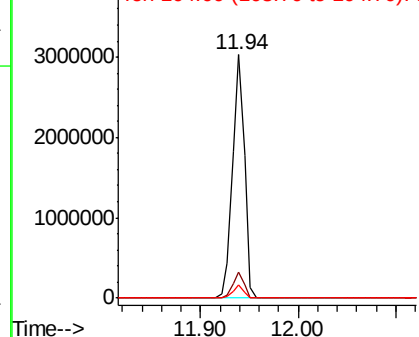


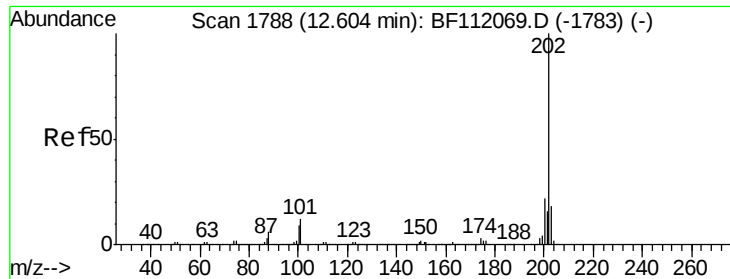
#74
 Di-n-butylphthalate
 Concen: 46.922 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. -0.01 min
 Lab File: BF112122.D
 Acq: 18 Jan 2019 12:52

Tgt Ion:149 Resp: 2571165
 Ion Ratio Lower Upper
 149 100
 150 10.5 8.1 12.1
 104 5.3 3.9 5.9



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





#75

Fluoranthene

Concen: 42.496 ng

RT: 12.60 min Scan# 1787

Delta R.T. -0.01 min

Lab File: BF112122.D

Acq: 18 Jan 2019 12:52

Instrument :

BNA_F

ClientSampleId :

WC-07-011519MSD

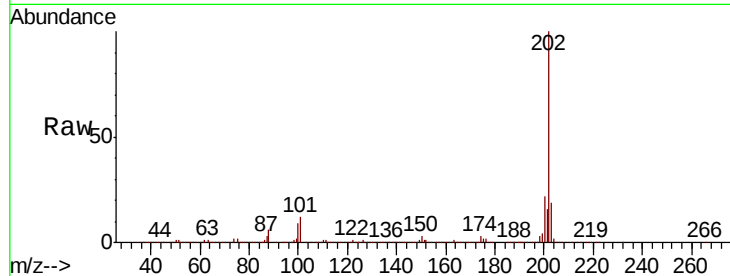
Tot Ion:202 Resp: 2153886

Ion Ratio Lower Upper

202 100

101 12.1 0.0 31.8

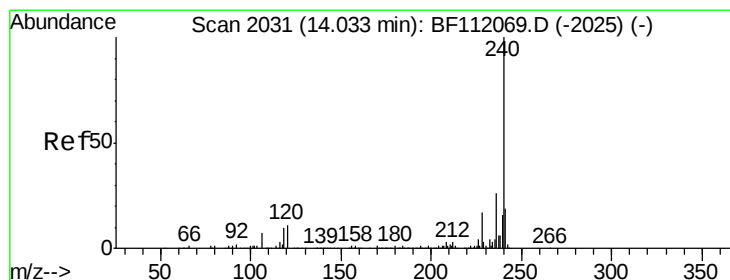
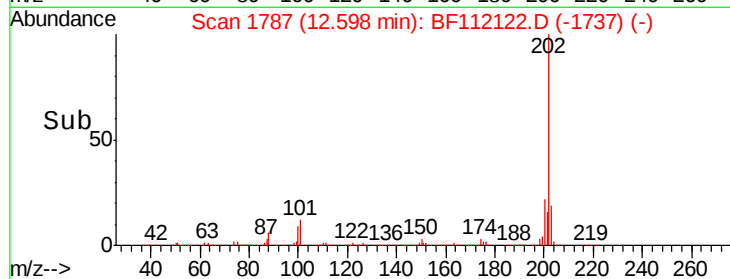
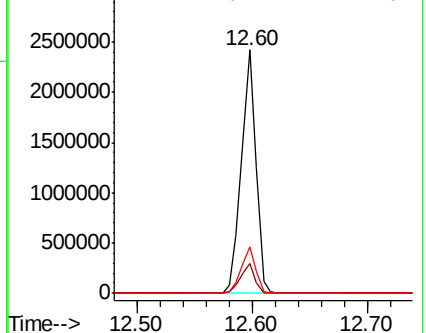
203 18.9 0.0 38.4



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF112122.D

Acq: 18 Jan 2019 12:52

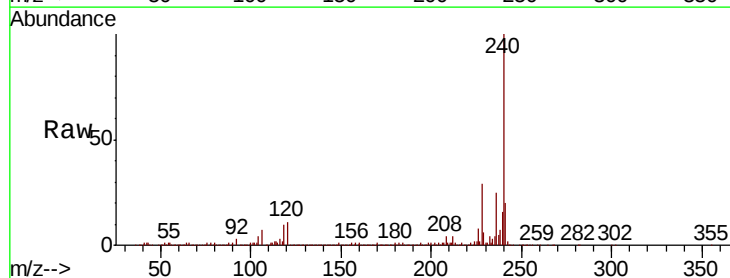
Tgt Ion:240 Resp: 635103

Ion Ratio Lower Upper

240 100

120 11.4 9.0 13.6

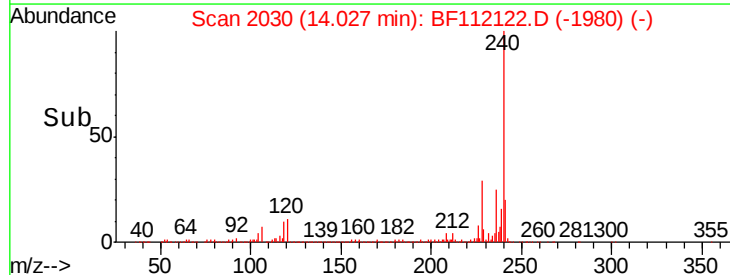
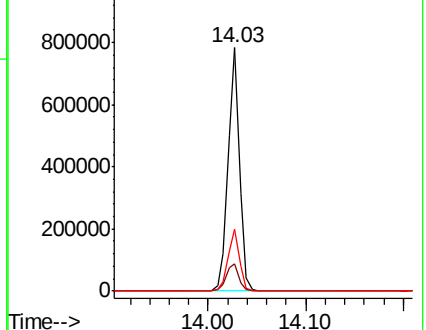
236 25.5 20.7 31.1

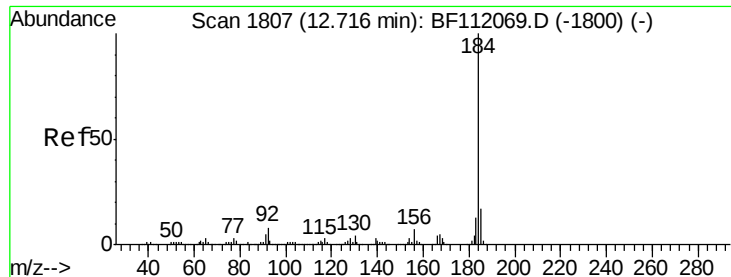


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 15.671 ng

RT: 12.71 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BF112122.D

Acq: 18 Jan 2019 12:52

Instrument :

BNA_F

ClientSampleId :

WC-07-011519MSD

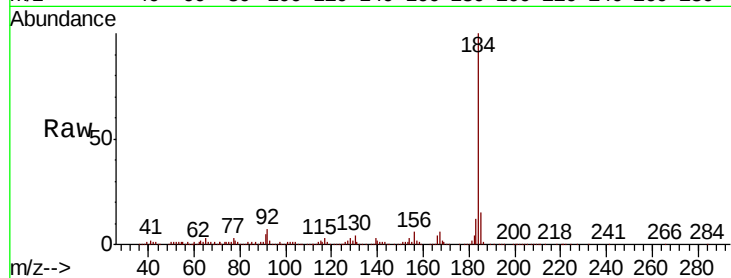
Tot Ion:184 Resp: 332063

Ion Ratio Lower Upper

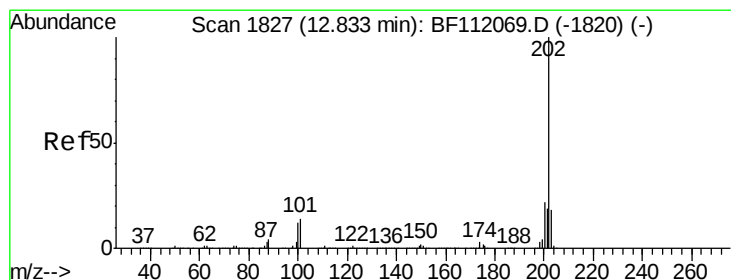
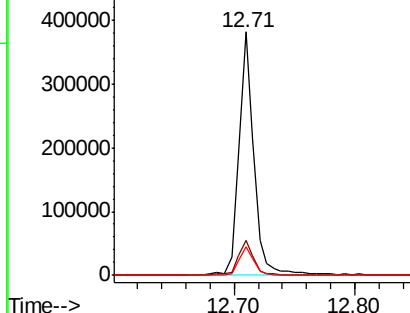
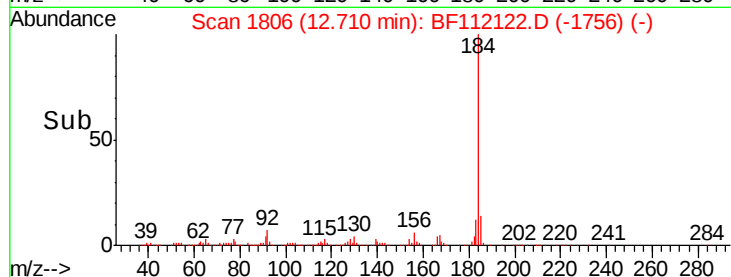
184 100

185 14.6 13.9 20.9

183 11.7 10.0 15.0



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



#78

Pyrene

Concen: 50.662 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF112122.D

Acq: 18 Jan 2019 12:52

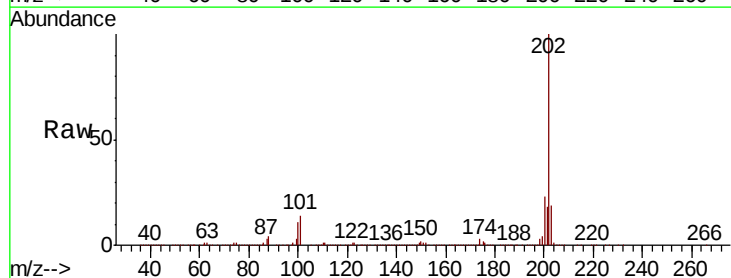
Tgt Ion:202 Resp: 2122798

Ion Ratio Lower Upper

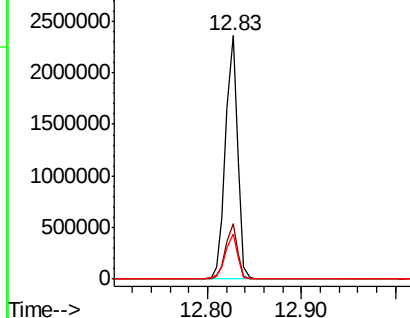
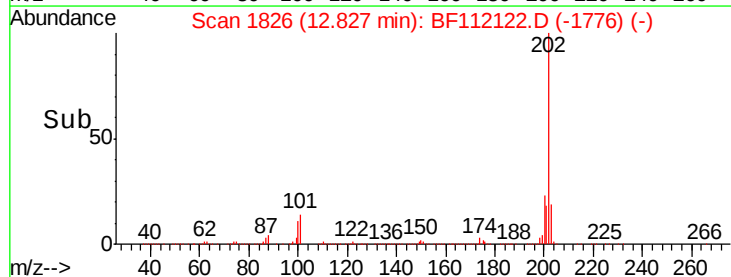
202 100

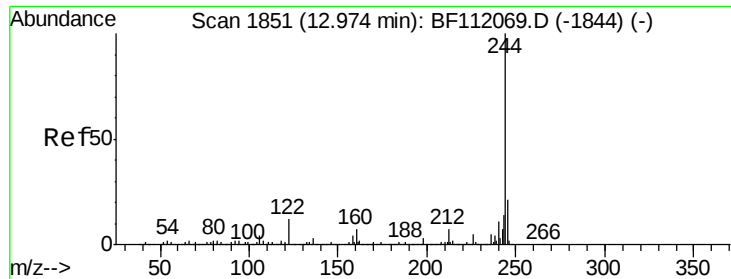
200 22.5 17.7 26.5

203 18.8 14.6 22.0



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





#79

Terphenyl-d14

Concen: 83.901 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF112122.D

Acq: 18 Jan 2019 12:52

Instrument :

BNA_F

ClientSampleId :

WC-07-011519MSD

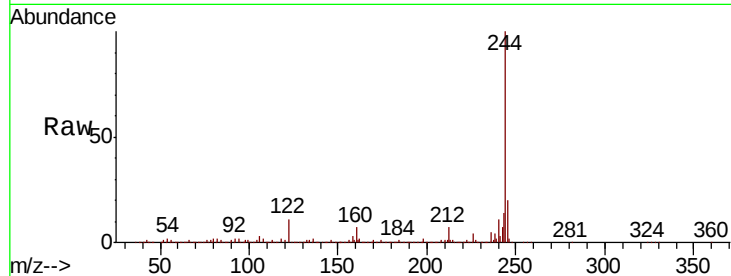
Tot Ion:244 Resp: 2504755

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

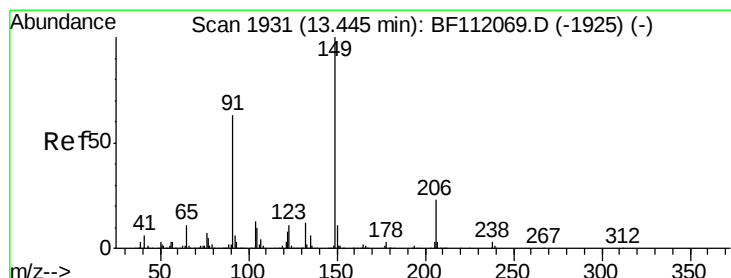
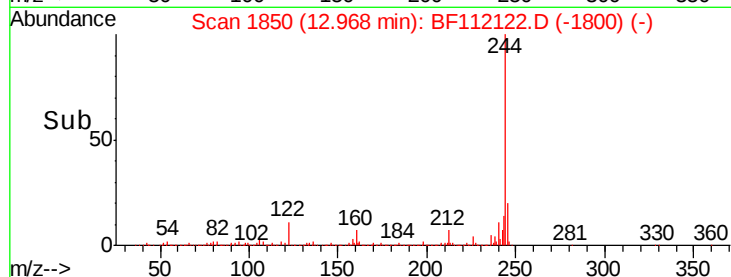
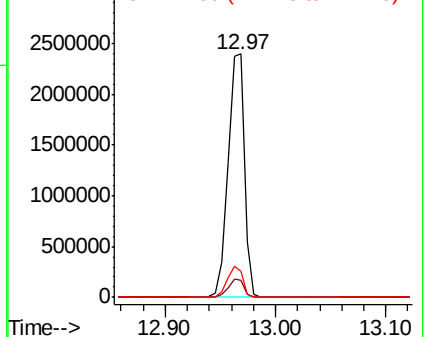
122 10.6 9.8 14.6



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



#80

Butylbenzylphthalate

Concen: 50.887 ng

RT: 13.44 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BF112122.D

Acq: 18 Jan 2019 12:52

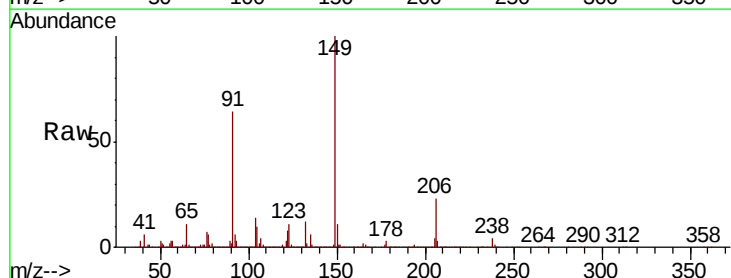
Tgt Ion:149 Resp: 935421

Ion Ratio Lower Upper

149 100

91 63.6 50.3 75.5

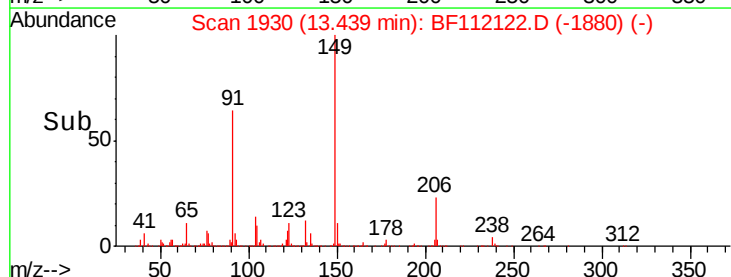
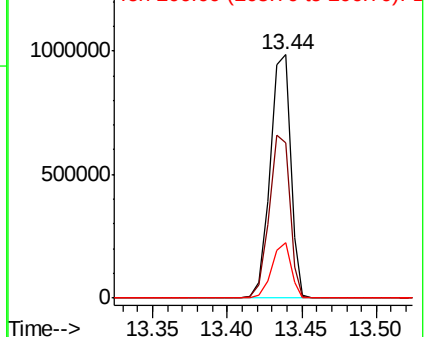
206 22.5 18.2 27.4

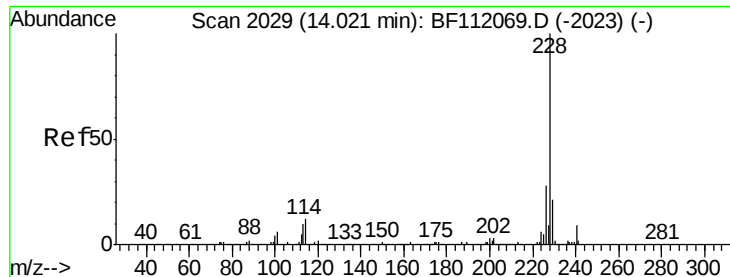


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 49.672 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF112122.D

Acq: 18 Jan 2019 12:52

Instrument :

BNA_F

ClientSampleId :

WC-07-011519MSD

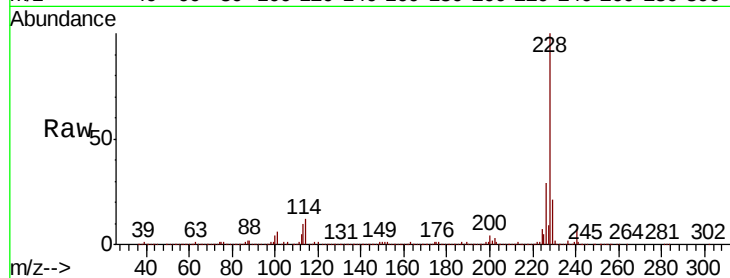
Tot Ion:228 Resp: 1808818

Ion Ratio Lower Upper

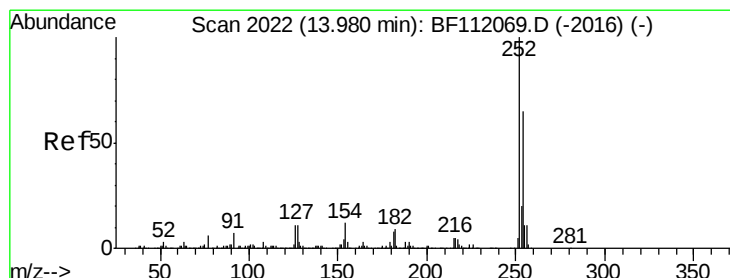
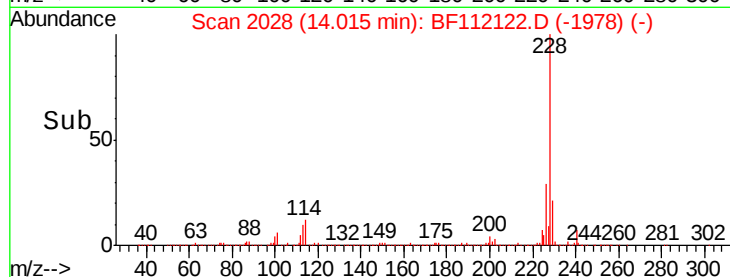
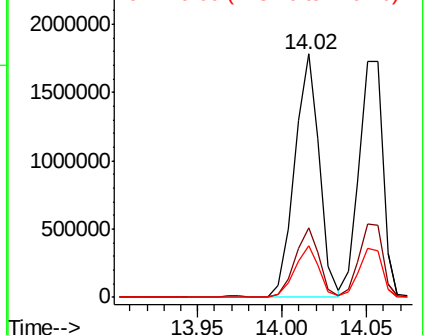
228 100

226 28.7 22.6 34.0

229 21.1 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 32.576 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF112122.D

Acq: 18 Jan 2019 12:52

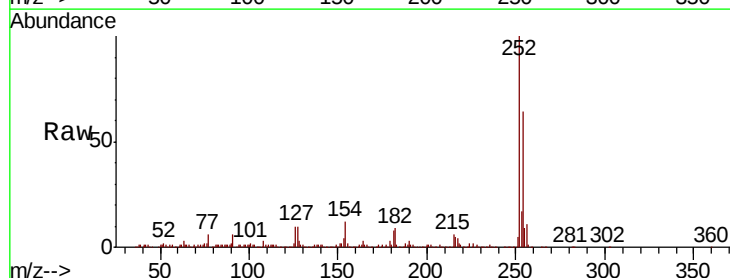
Tgt Ion:252 Resp: 444251

Ion Ratio Lower Upper

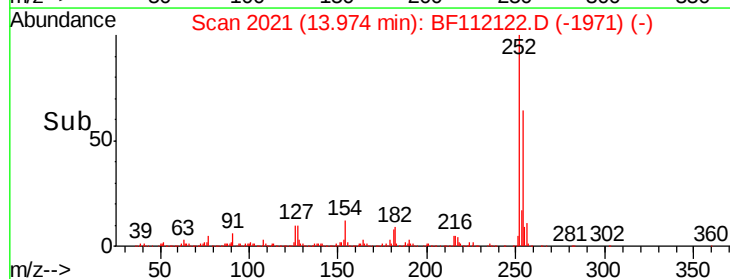
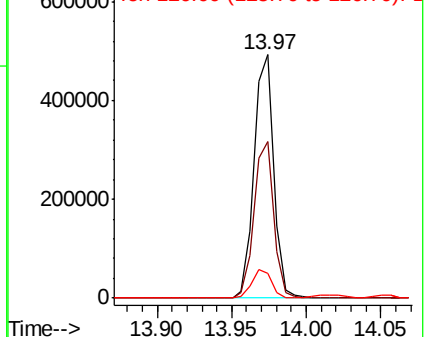
252 100

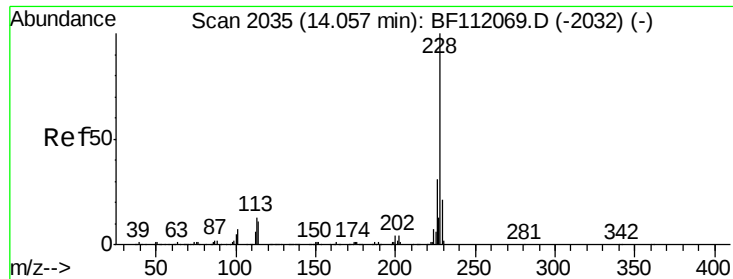
254 64.2 51.6 77.4

126 10.1 8.6 12.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 49.677 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF112122.D

Acq: 18 Jan 2019 12:52

Instrument :

BNA_F

ClientSampleId :

WC-07-011519MSD

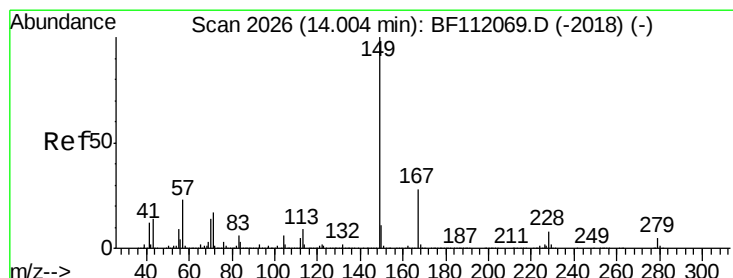
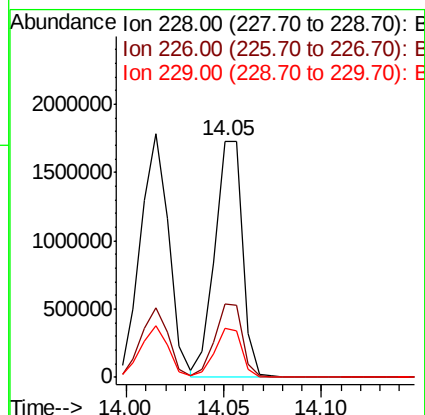
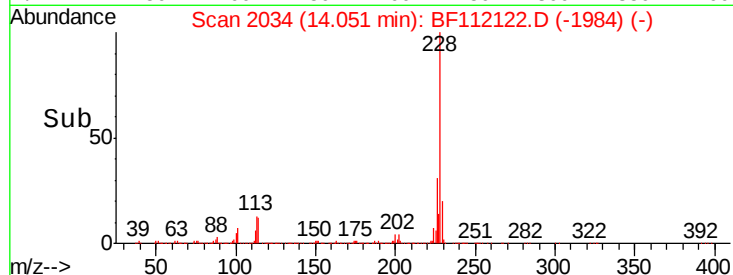
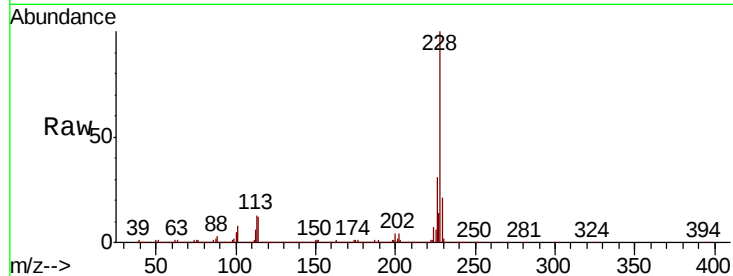
Tot Ion:228 Resp: 1711721

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.6

229 20.5 16.6 24.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.863 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF112122.D

Acq: 18 Jan 2019 12:52

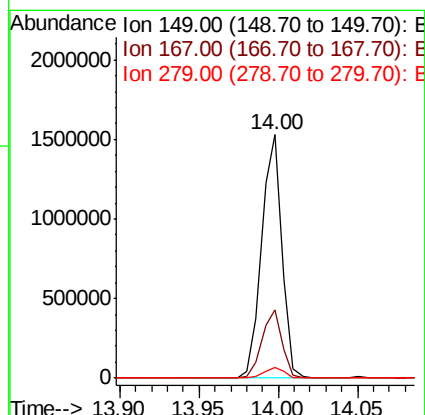
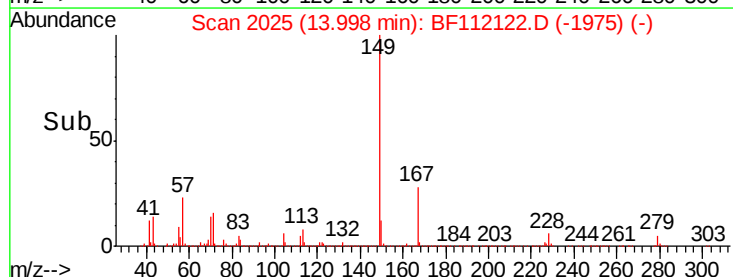
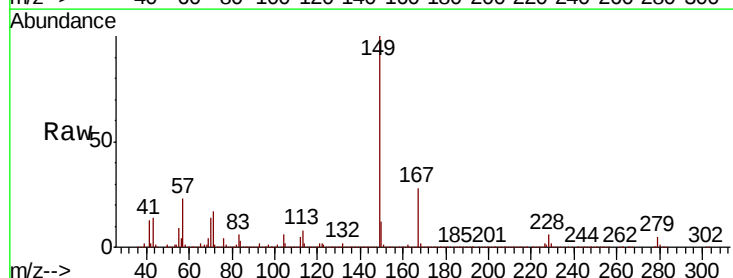
Tgt Ion:149 Resp: 1366335

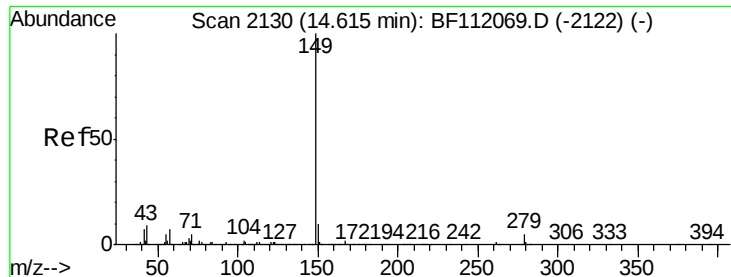
Ion Ratio Lower Upper

149 100

167 28.2 22.5 33.7

279 4.6 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 51.614 ng

RT: 14.61 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BF112122.D

Acq: 18 Jan 2019 12:52

Instrument :

BNA_F

ClientSampleId :

WC-07-011519MSD

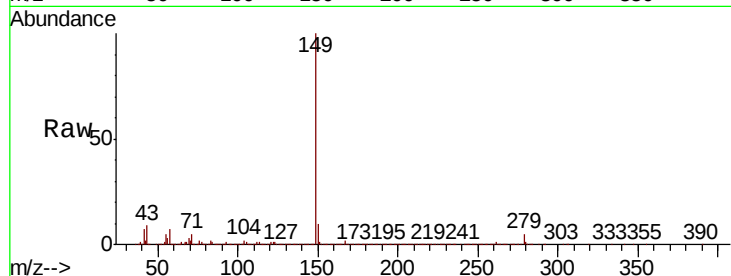
Tot Ion:149 Resp: 2095088

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

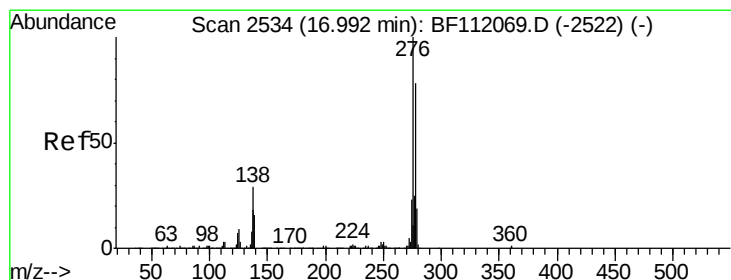
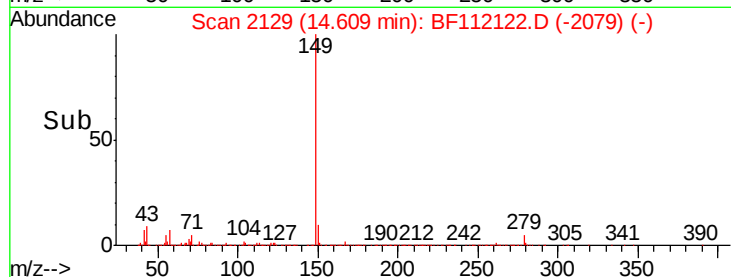
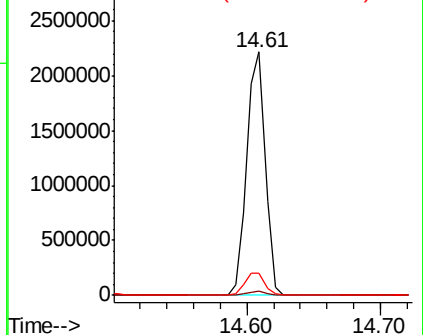
43 9.5 7.8 11.6



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 54.309 ng

RT: 16.99 min Scan# 2534

Delta R.T. -0.00 min

Lab File: BF112122.D

Acq: 18 Jan 2019 12:52

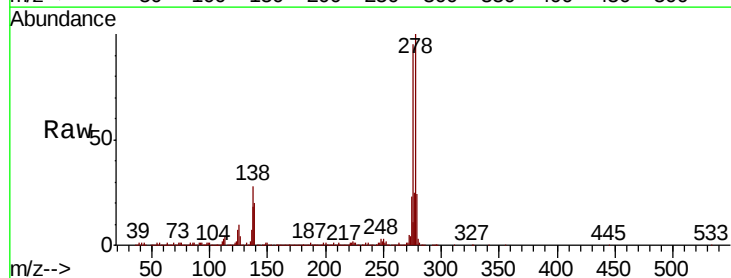
Tgt Ion:276 Resp: 1726444

Ion Ratio Lower Upper

276 100

138 27.0 22.6 34.0

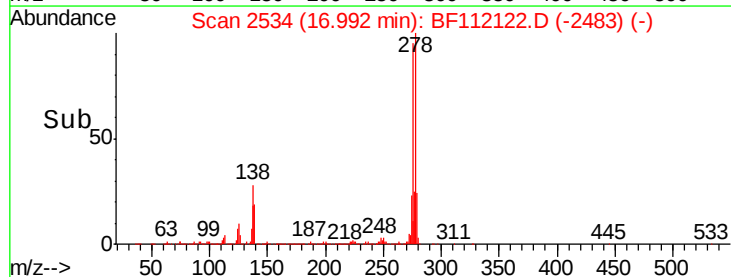
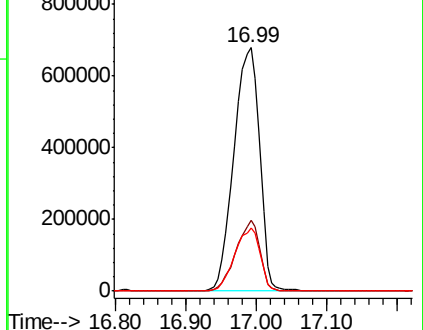
277 25.6 20.3 30.5

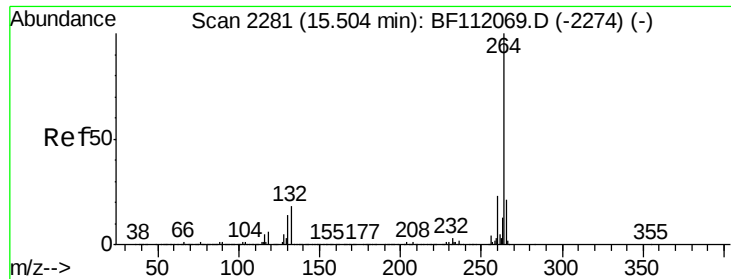


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF112122.D

Acq: 18 Jan 2019 12:52

Instrument :

BNA_F

ClientSampleId :

WC-07-011519MSD

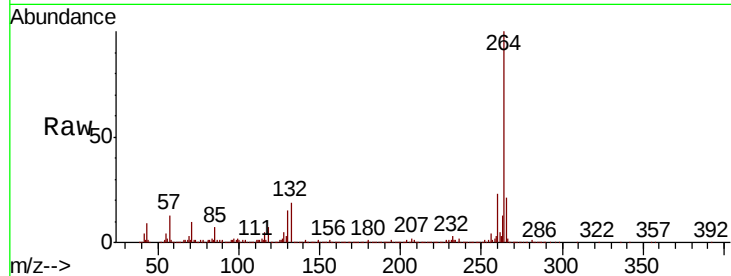
Tot Ion:264 Resp: 663891

Ion Ratio Lower Upper

264 100

260 23.2 18.2 27.2

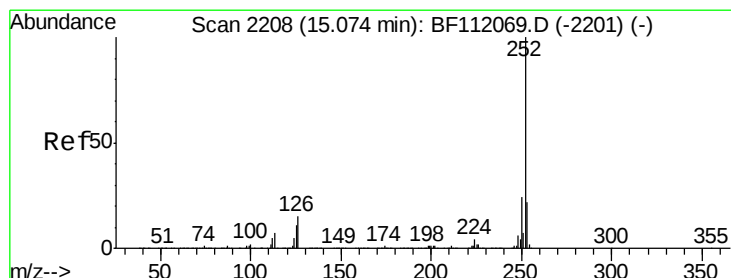
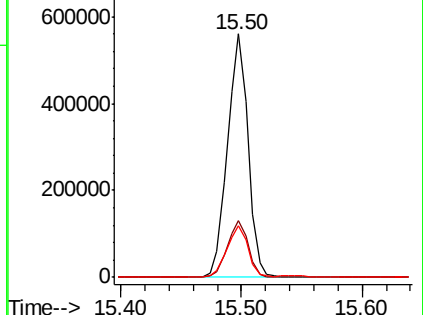
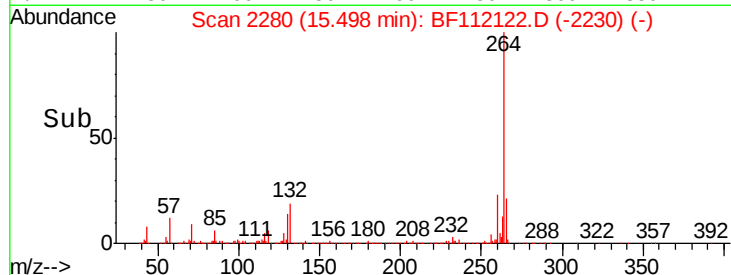
265 21.3 17.0 25.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 53.489 ng

RT: 15.07 min Scan# 2207

Delta R.T. -0.01 min

Lab File: BF112122.D

Acq: 18 Jan 2019 12:52

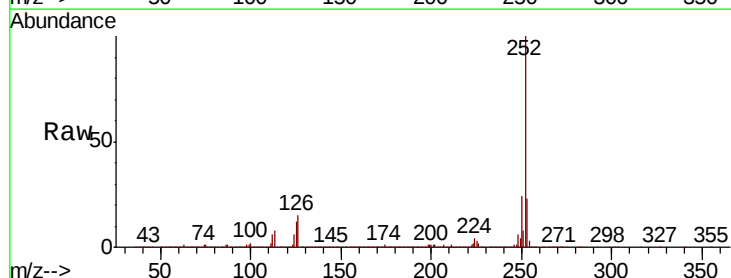
Tgt Ion:252 Resp: 2015745

Ion Ratio Lower Upper

252 100

253 22.9 18.0 27.0

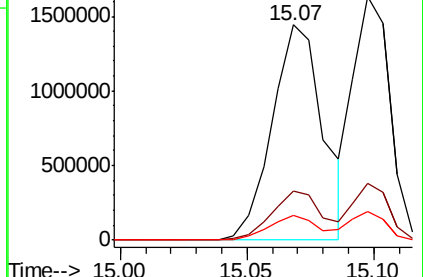
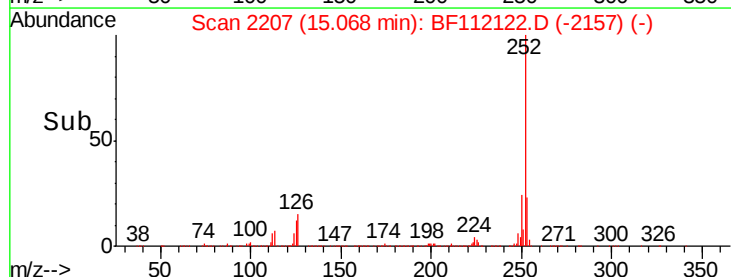
125 11.7 8.7 13.1

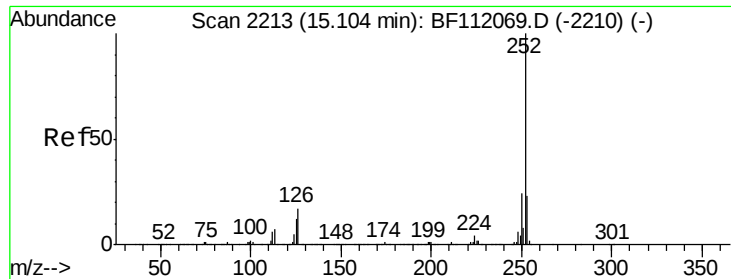


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

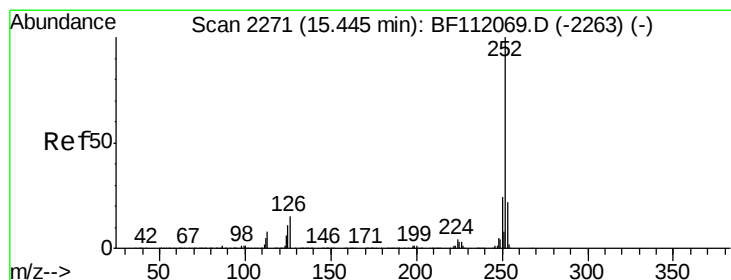
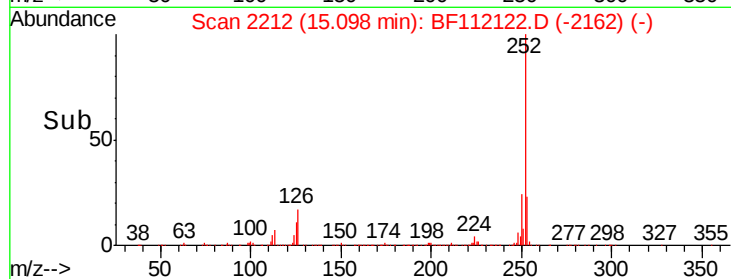
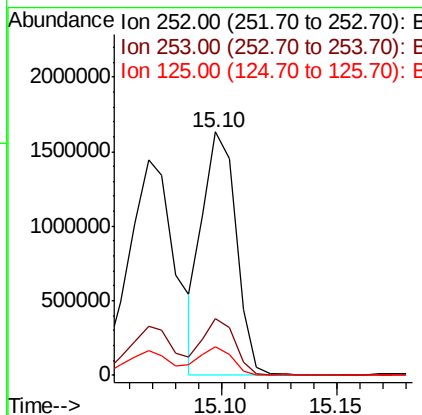
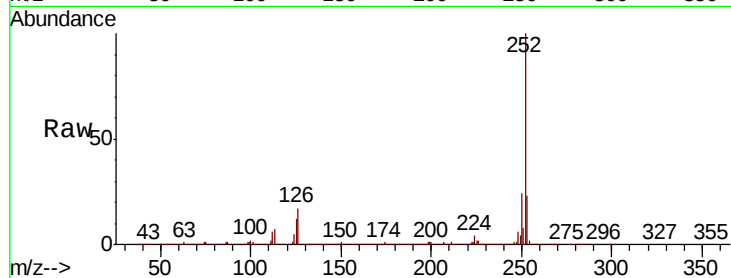




#89
Benzo(k)fluoranthene
Concen: 45.106 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF112122.D
Acq: 18 Jan 2019 12:52

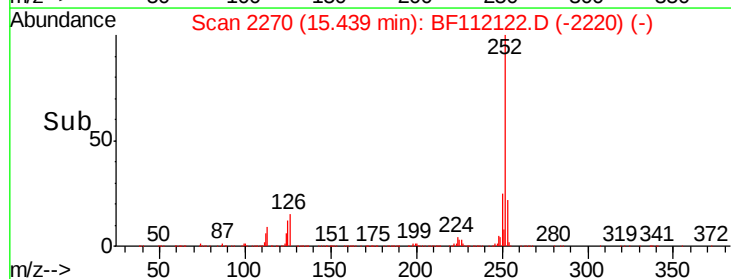
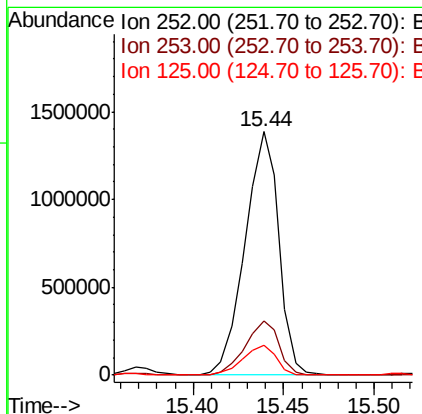
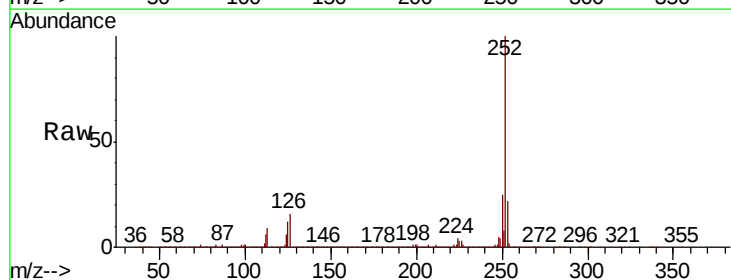
Instrument :
BNA_F
ClientSampleId :
WC-07-011519MSD

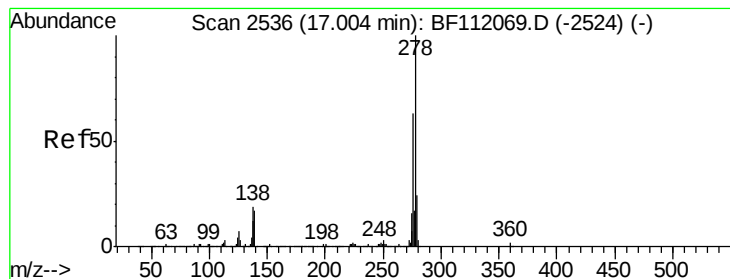
Tot Ion:252 Resp: 1645220
Ion Ratio Lower Upper
252 100
253 23.1 18.0 27.0
125 11.5 9.1 13.7



#90
Benzo(a)pyrene
Concen: 51.761 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF112122.D
Acq: 18 Jan 2019 12:52

Tgt Ion:252 Resp: 1788852
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 12.3 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 46.889 ng

RT: 17.00 min Scan# 2535

Delta R.T. -0.01 min

Lab File: BF112122.D

Acq: 18 Jan 2019 12:52

Instrument :

BNA_F

ClientSampleId :

WC-07-011519MSD

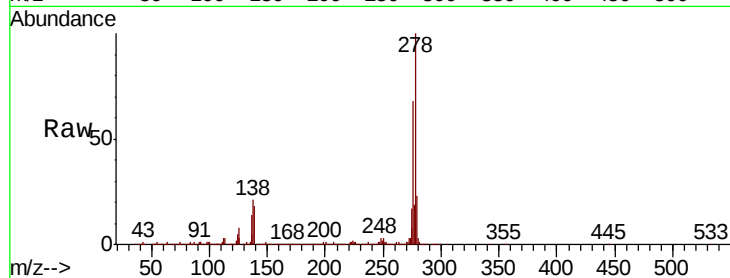
Tot Ion:278 Resp: 1439264

Ion Ratio Lower Upper

278 100

139 17.7 13.7 20.5

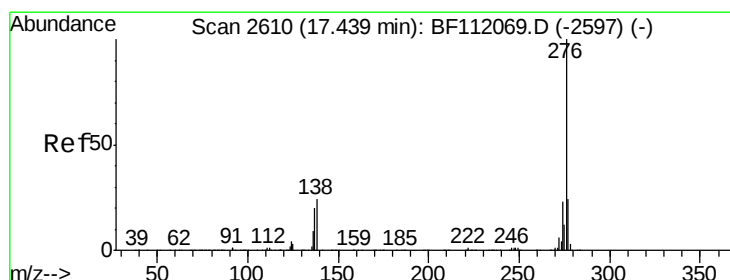
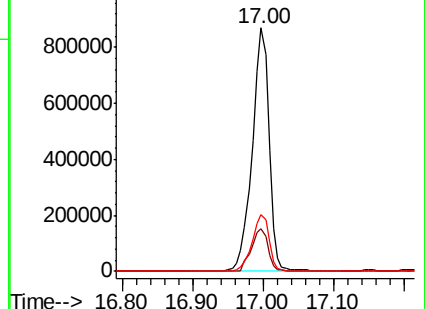
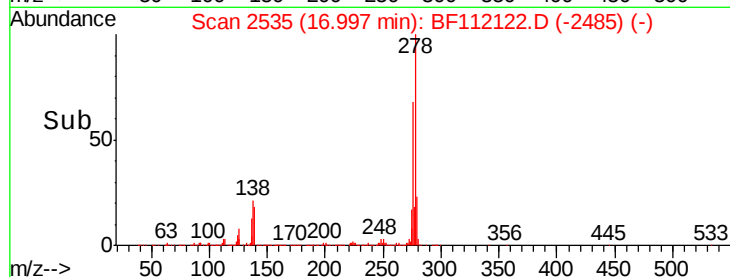
279 23.4 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 44.536 ng

RT: 17.43 min Scan# 2609

Delta R.T. -0.01 min

Lab File: BF112122.D

Acq: 18 Jan 2019 12:52

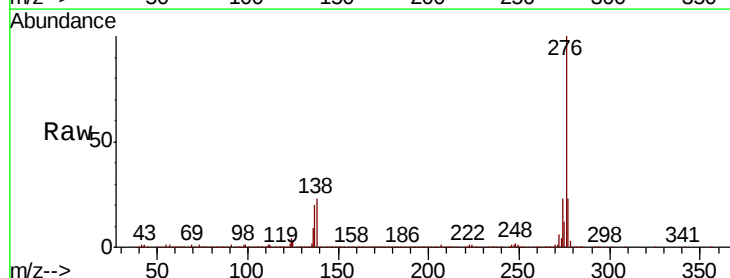
Tgt Ion:276 Resp: 1346762

Ion Ratio Lower Upper

276 100

277 23.5 19.4 29.0

138 23.5 19.1 28.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

