

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
 Data File : BF115052.D
 Acq On : 14 Jun 2019 20:51
 Operator : HP/JU
 Sample : K3361-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BAT-B10MS

Quant Time: Jun 15 05:52:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 15:42:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	276965	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1049773	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	483612	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	848973	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	513024	20.00	ng	-0.01
87) Perylene-d12	15.14	264	560422	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	1831883	110.44	ng	0.00
7) Phenol-d6	6.30	99	2252388	112.57	ng	0.00
23) Nitrobenzene-d5	7.22	82	1416847	81.24	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	524088	101.20	ng	0.00
45) 2-Fluorobiphenyl	9.00	172	2543088	89.12	ng	0.00
79) Terphenyl-d14	12.73	244	2237661	82.04	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	214198	27.588	ng	98
3) Pyridine	3.04	79	398919	18.250	ng	98
4) n-Nitrosodimethylamine	2.95	42	225119	29.008	ng	96
6) Aniline	6.31	93	503897	18.805	ng	# 28
8) 2-Chlorophenol	6.43	128	595230	31.648	ng	97
9) Benzaldehyde	6.19	77	123950	5.197	ng	99
10) Phenol	6.31	94	707809	31.618	ng	82
11) bis(2-Chloroethyl)ether	6.39	93	551273	31.728	ng	99
12) 1,3-Dichlorobenzene	6.59	146	663326	30.195	ng	100
13) 1,4-Dichlorobenzene	6.66	146	678233	30.709	ng	99
14) 1,2-Dichlorobenzene	6.82	146	630707	30.333	ng	99
15) Benzyl Alcohol	6.79	79	414563	27.654	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.93	45	720075	30.964	ng	97
17) 2-Methylphenol	6.92	107	512694	32.681	ng	99
18) Hexachloroethane	7.16	117	225101	28.222	ng	99
19) n-Nitroso-di-n-propylamine	7.07	70	383216	31.523	ng	97
20) 3+4-Methylphenols	7.07	107	601048	32.192	ng	96
22) Acetophenone	7.06	105	821746	34.580	ng	# 96
24) Nitrobenzene	7.23	77	599888	33.807	ng	92
25) Isophorone	7.47	82	1093123	33.465	ng	99
26) 2-Nitrophenol	7.55	139	305231	30.861	ng	99
27) 2,4-Dimethylphenol	7.59	122	524517	36.761	ng	99
28) bis(2-Chloroethoxy)methane	7.69	93	700084	33.406	ng	99
29) 2,4-Dichlorophenol	7.79	162	492306	32.661	ng	99
30) 1,2,4-Trichlorobenzene	7.87	180	572083	32.847	ng	99
31) Naphthalene	7.95	128	1737419	34.980	ng	99
33) 4-Chloroaniline	8.00	127	477557	20.829	ng	98
34) Hexachlorobutadiene	8.07	225	310845	32.109	ng	99
35) Caprolactam	8.36	113	99131m	19.746	ng	
36) 4-Chloro-3-methylphenol	8.49	107	506644	33.354	ng	99
37) 2-Methylnaphthalene	8.64	142	1166827	35.222	ng	99
38) 1-Methylnaphthalene	8.74	142	1092584	34.895	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.81	216	505621	35.389	ng	100
41) Hexachlorocyclopentadiene	8.80	237	314202	44.628	ng	100

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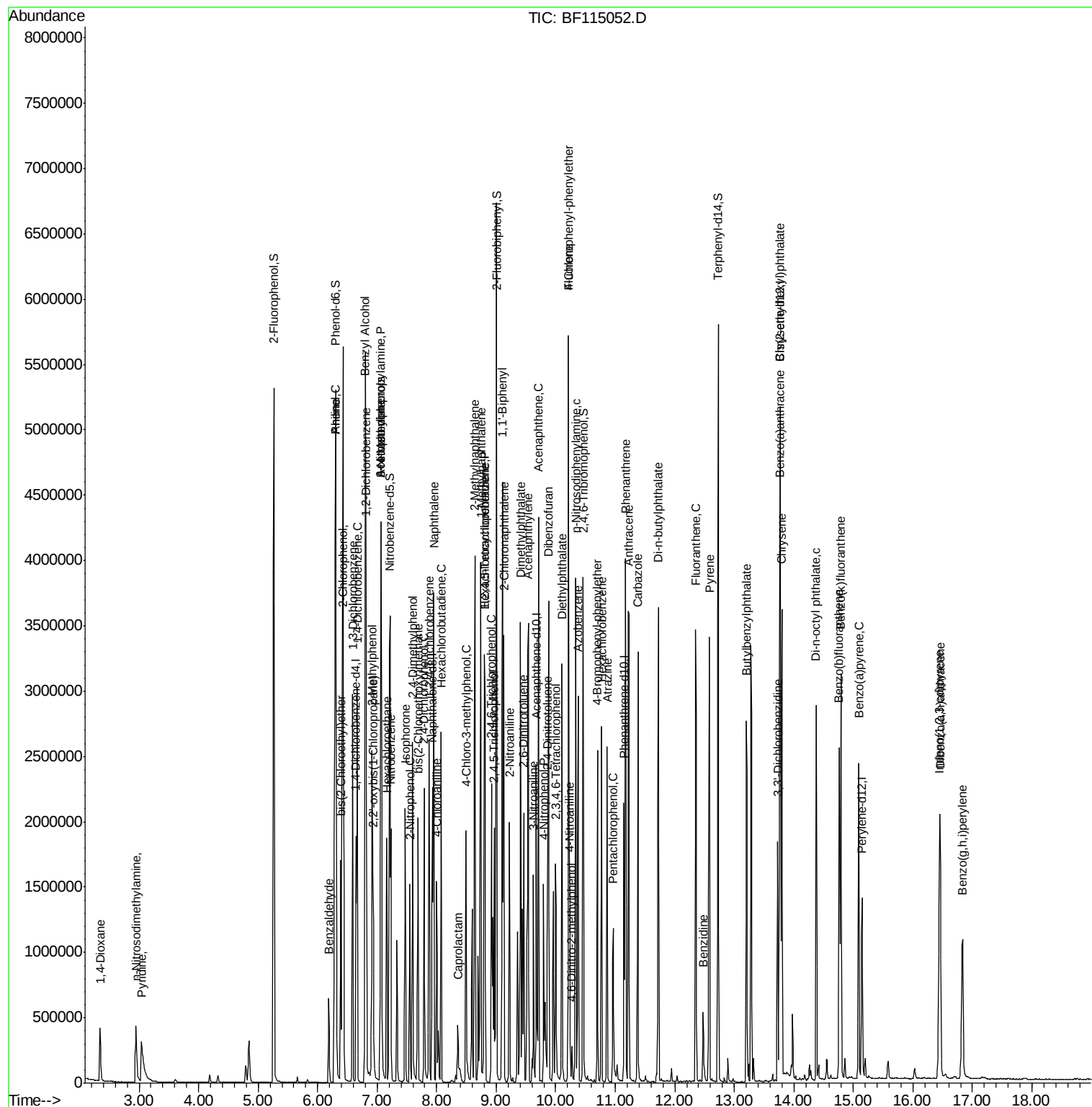
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	8.92	196	313040	29.334	ng	99
44) 2,4,5-Trichlorophenol	8.96	196	313594	29.078	ng	98
46) 1,1'-Biphenyl	9.10	154	1372055	35.404	ng	98
47) 2-Chloronaphthalene	9.13	162	1075507	34.319	ng	98
48) 2-Nitroaniline	9.22	65	293005	31.633	ng	97
49) Acenaphthylene	9.54	152	1638684	34.009	ng	98
50) Dimethylphthalate	9.41	163	1595331	43.864	ng	100
51) 2,6-Dinitrotoluene	9.46	165	281173	34.082	ng	# 84
52) Acenaphthene	9.71	154	945121	34.285	ng	99
53) 3-Nitroaniline	9.63	138	271702	26.880	ng	98
55) Dibenzofuran	9.88	168	1419273	34.161	ng	98
56) 4-Nitrophenol	9.80	139	311308	44.661	ng	99
57) 2,4-Dinitrotoluene	9.86	165	352059	33.528	ng	96
58) Fluorene	10.22	166	1010949	34.654	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.00	232	228550	26.236	ng	99
60) Diethylphthalate	10.10	149	1205519	34.666	ng	99
61) 4-Chlorophenyl-phenylether	10.22	204	506811	35.285	ng	98
62) 4-Nitroaniline	10.24	138	290711	28.605	ng	96
63) Azobenzene	10.37	77	1032730	33.946	ng	99
65) 4,6-Dinitro-2-methylphenol	10.27	198	41042	8.625	ng	84
66) n-Nitrosodiphenylamine	10.33	169	967546	38.127	ng	99
67) 4-Bromophenyl-phenylether	10.70	248	325700	35.730	ng	99
68) Hexachlorobenzene	10.77	284	341147	33.994	ng	95
69) Atrazine	10.86	200	309469	37.823	ng	98
70) Pentachlorophenol	10.96	266	169493	31.099	ng	99
71) Phenanthrene	11.17	178	1484342	33.863	ng	98
72) Anthracene	11.23	178	1528488	34.565	ng	99
73) Carbazole	11.38	167	1338081	34.668	ng	98
74) Di-n-butylphthalate	11.72	149	1755639	36.080	ng	99
75) Fluoranthene	12.35	202	1408812	31.431	ng	98
77) Benzidine	12.47	184	222597	10.727	ng	98
78) Pyrene	12.58	202	1406467	30.094	ng	98
80) Butylbenzylphthalate	13.20	149	676351	30.984	ng	94
81) Benzo(a)anthracene	13.76	228	1219315	31.761	ng	99
82) 3,3'-Dichlorobenzidine	13.73	252	399482	27.142	ng	98
83) Chrysene	13.80	228	1211716	31.740	ng	98
84) Bis(2-ethylhexyl)phthalate	13.77	149	910746	35.301	ng	100
85) Di-n-octyl phthalate	14.38	149	1552928	34.954	ng	99
86) Indeno(1,2,3-cd)pyrene	16.44	276	1046440	31.205	ng	99
88) Benzo(b)fluoranthene	14.76	252	1287491	34.559	ng	99
89) Benzo(k)fluoranthene	14.79	252	1072496	32.798	ng	99
90) Benzo(a)pyrene	15.09	252	1104473	34.357	ng	99
91) Dibenzo(a,h)anthracene	16.46	278	890051	32.150	ng	99
92) Benzo(g,h,i)perylene	16.83	276	851357	30.153	ng	99

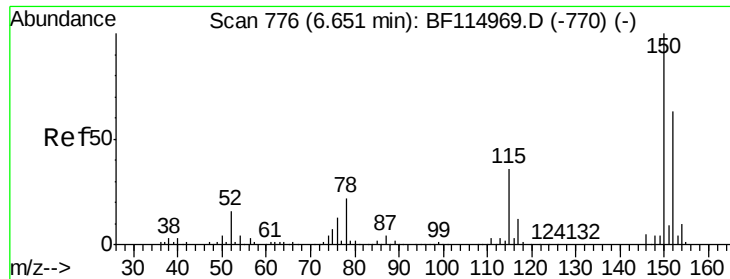
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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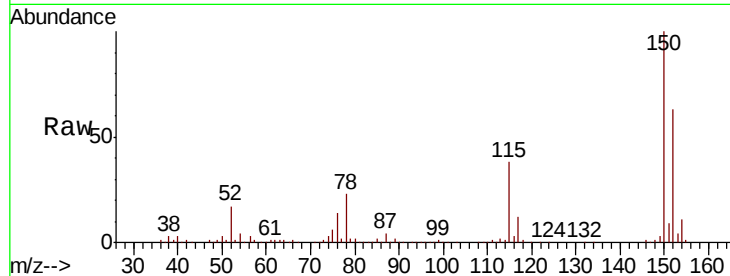


#1

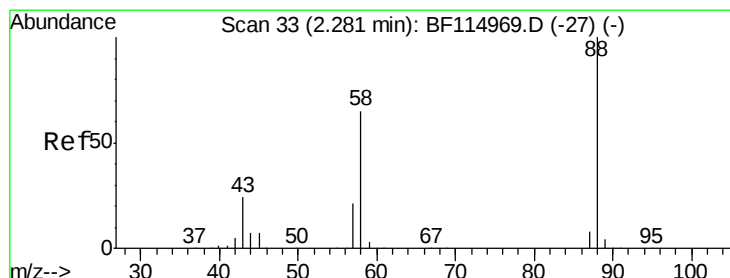
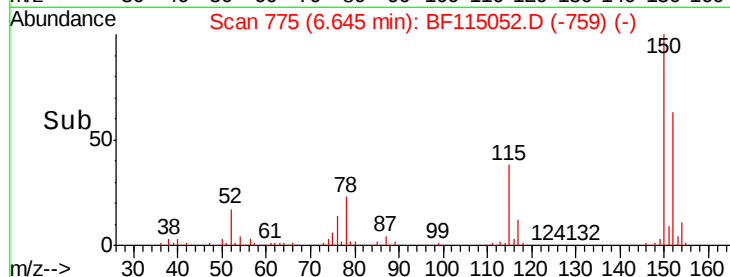
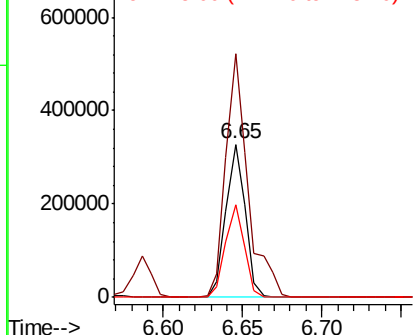
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF115052.D
Acq: 14 Jun 2019 20:51

Instrument :
BNA_F
ClientSampleId :
BAT-B10MS

Tot Ion:152 Resp: 276965
Ion Ratio Lower Upper
152 100
150 158.9 127.4 191.0
115 60.4 46.0 69.0



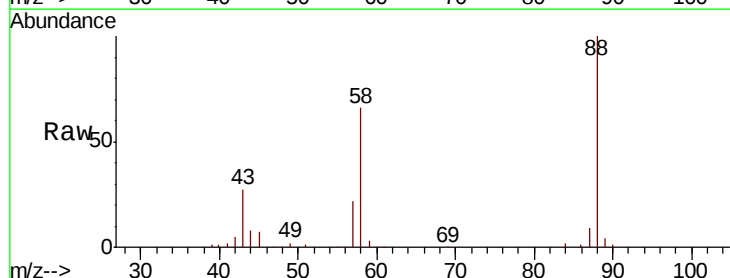
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



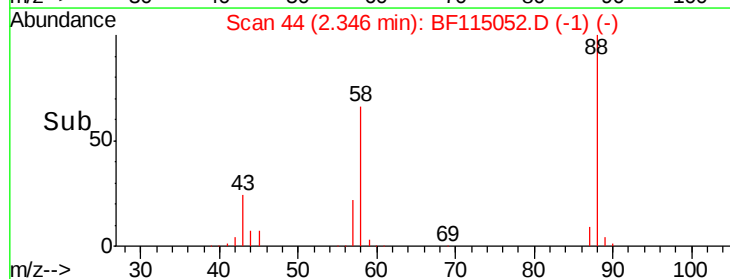
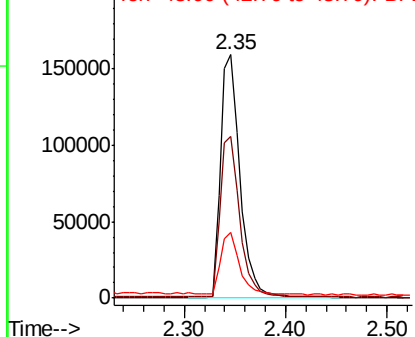
#2

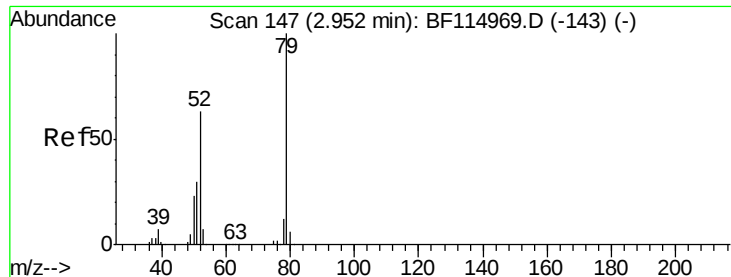
1,4-Dioxane
Concen: 27.588 ng
RT: 2.35 min Scan# 44
Delta R.T. 0.06 min
Lab File: BF115052.D
Acq: 14 Jun 2019 20:51

Tgt Ion: 88 Resp: 214198
Ion Ratio Lower Upper
88 100
58 65.3 53.4 80.2
43 24.9 19.7 29.5



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: 18.250 ng

RT: 3.04 min Scan# 162

Delta R.T. 0.09 min

Lab File: BF115052.D

Acq: 14 Jun 2019 20:51

Instrument :

BNA_F

ClientSampleId :

BAT-B10MS

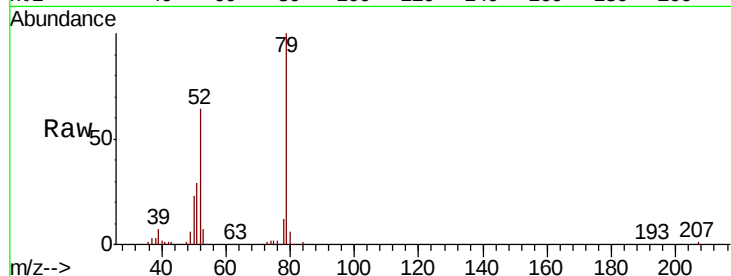
Tot Ion: 79 Resp: 398919

Ion Ratio Lower Upper

79 100

52 64.0 50.3 75.5

51 29.4 24.4 36.6



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

150000

100000

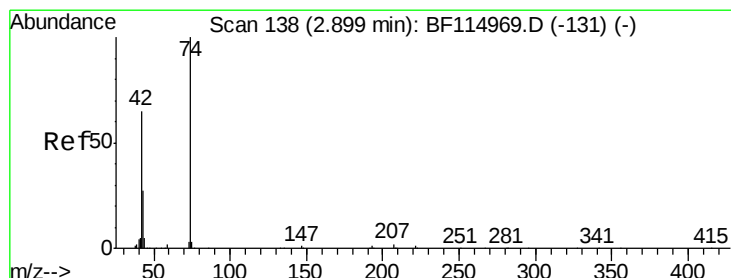
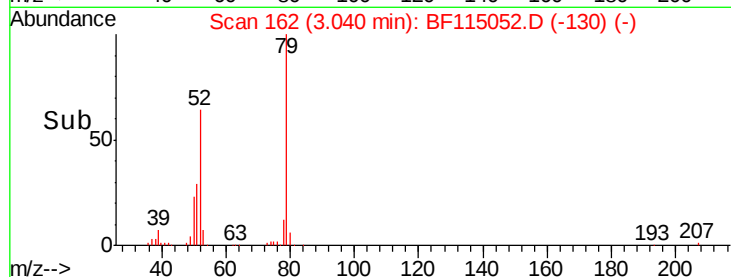
50000

0

3.04

3.00 3.20 3.40

Time-->



#4

n-Nitrosodimethylamine

Concen: 29.008 ng

RT: 2.95 min Scan# 147

Delta R.T. 0.05 min

Lab File: BF115052.D

Acq: 14 Jun 2019 20:51

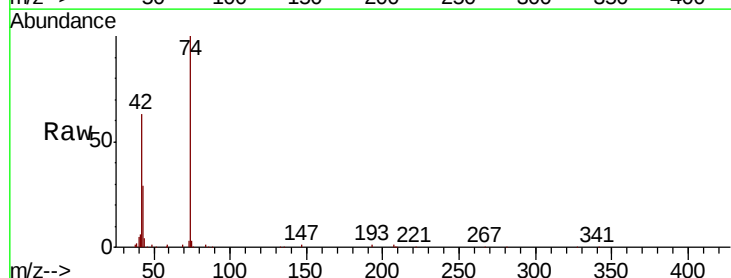
Tgt Ion: 42 Resp: 225119

Ion Ratio Lower Upper

42 100

74 158.4 122.2 183.2

44 6.7 5.8 8.8



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

250000

200000

150000

100000

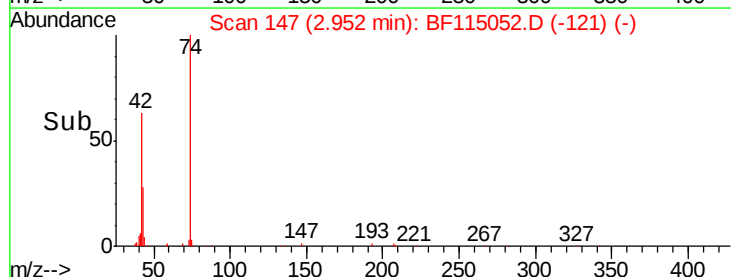
50000

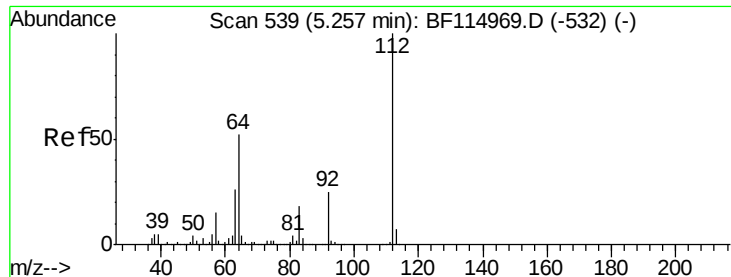
0

2.95

2.90 3.00 3.10

Time-->





#5

2-Fluorophenol

Concen: 110.442 ng

RT: 5.26 min Scan# 540

Delta R.T. 0.01 min

Lab File: BF115052.D

Acq: 14 Jun 2019 20:51

Instrument :

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BAT-B10MS

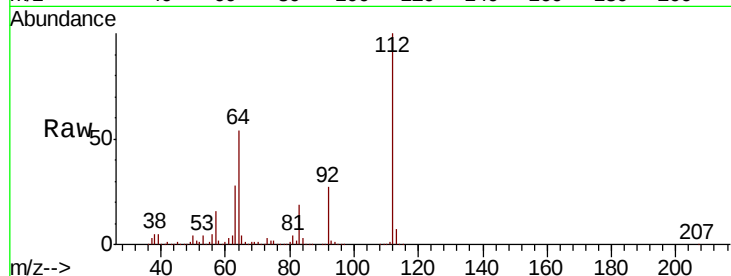
Tot Ion:112 Resp: 1831883

Ion Ratio Lower Upper

112 100

64 54.3 41.6 62.4

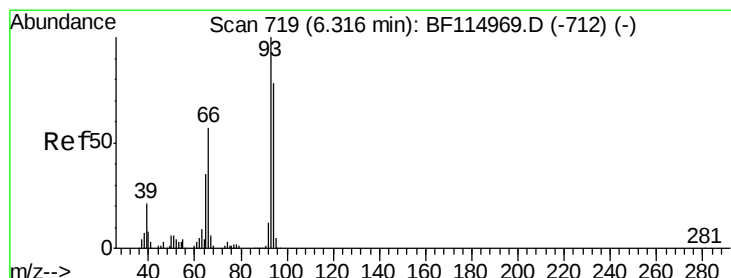
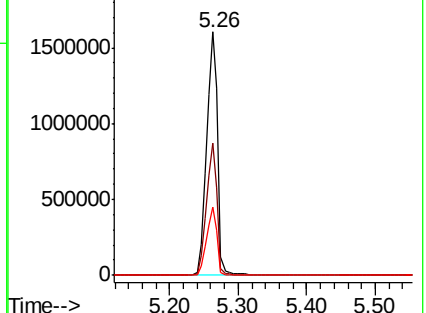
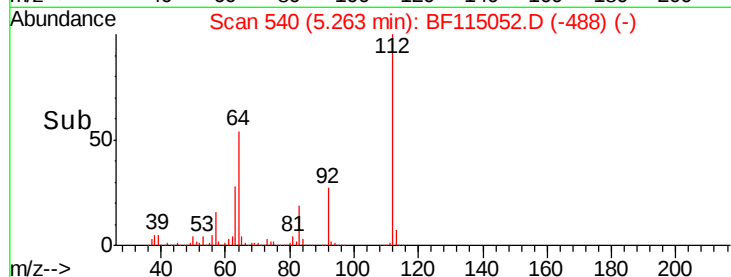
63 28.2 20.9 31.3



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 18.805 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF115052.D

Acq: 14 Jun 2019 20:51

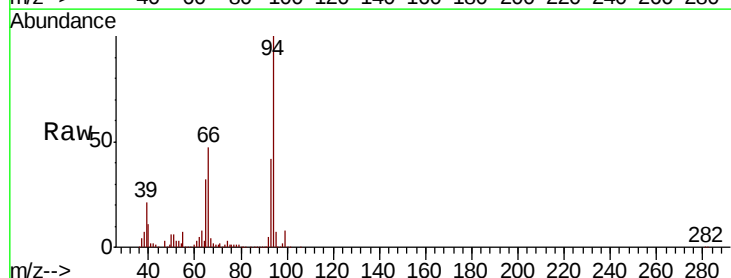
Tgt Ion: 93 Resp: 503897

Ion Ratio Lower Upper

93 100

66 112.1 46.2 69.2#

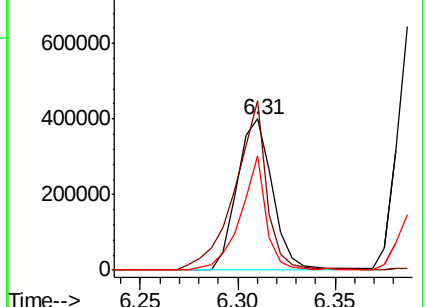
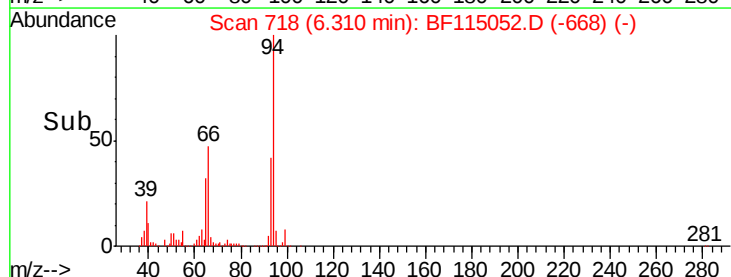
65 75.4 27.7 41.5#

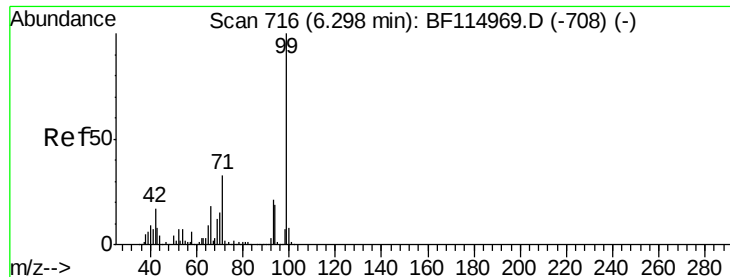


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 112.572 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF115052.D

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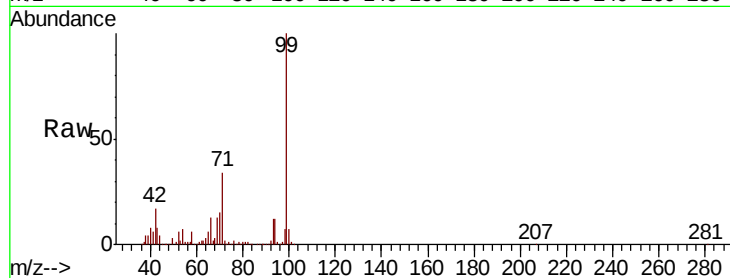
Tot Ion: 99 Resp: 2252388

Ion Ratio Lower Upper

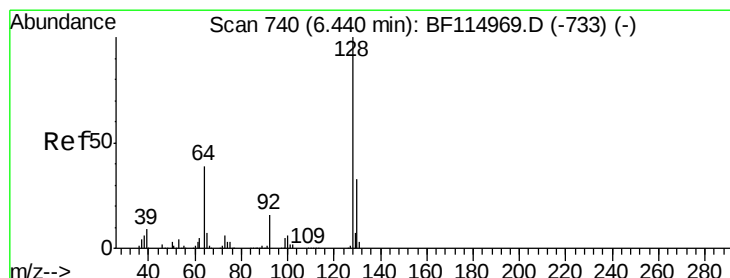
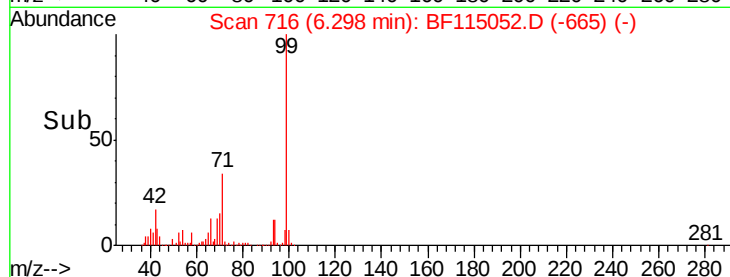
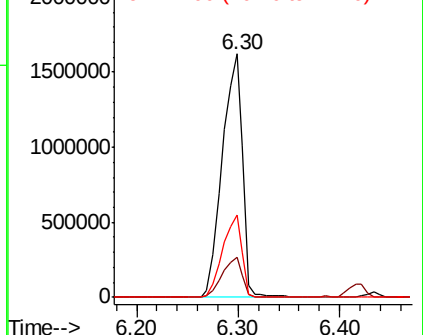
99 100

42 16.6 13.4 20.2

71 33.8 26.4 39.6



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: 31.648 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF115052.D

Acq: 14 Jun 2019 20:51

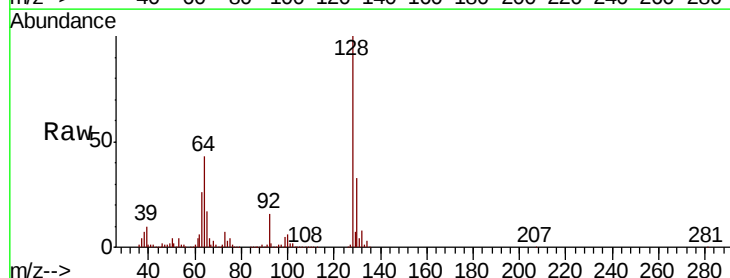
Tgt Ion: 128 Resp: 595230

Ion Ratio Lower Upper

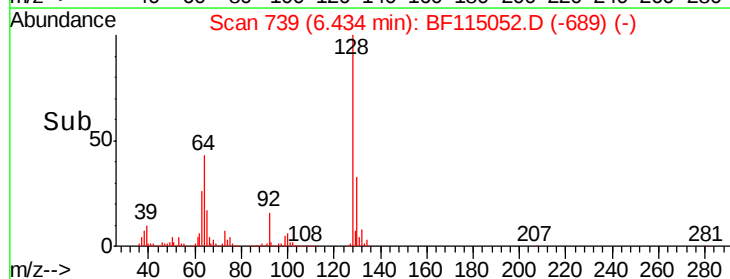
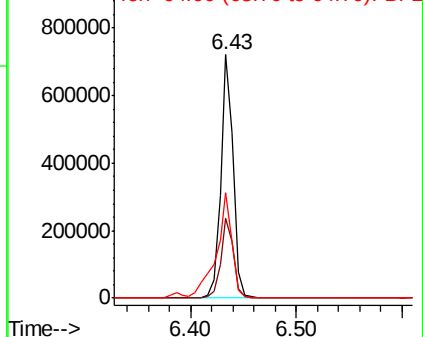
128 100

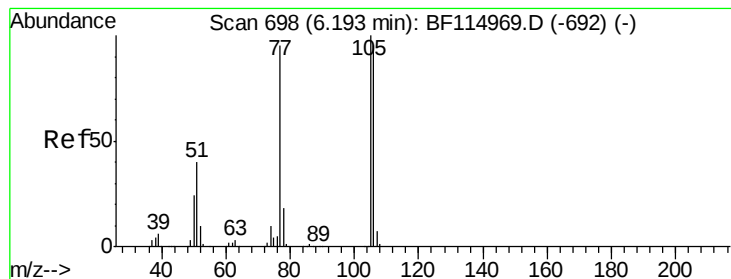
130 32.6 13.4 53.4

64 43.2 20.1 60.1



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: 5.197 ng

RT: 6.19 min Scan# 697

Delta R.T. -0.01 min

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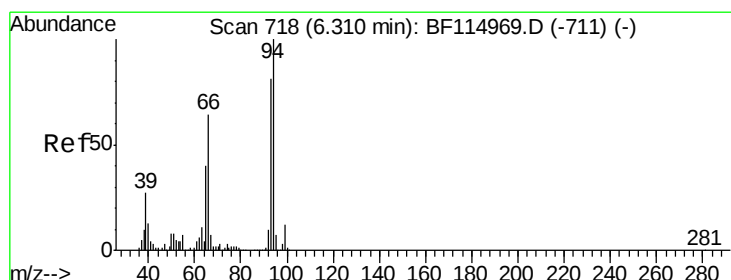
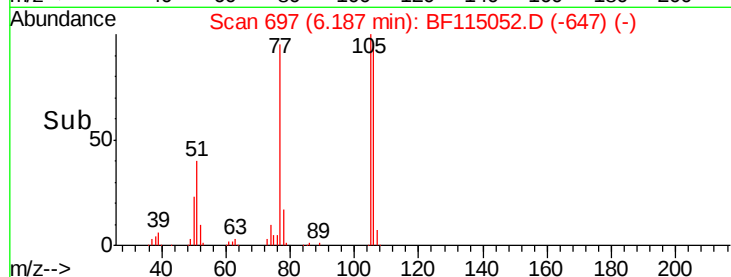
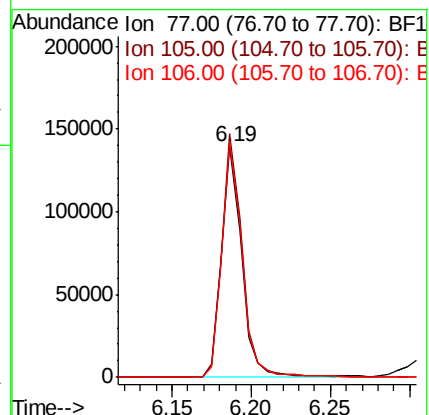
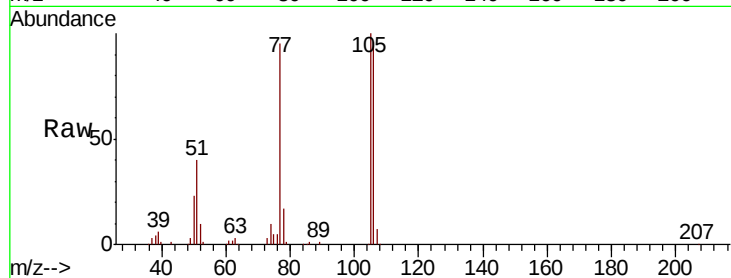
Tot Ion: 77 Resp: 123950

Ion Ratio Lower Upper

77 100

105 105.8 85.1 125.1

106 101.8 80.0 120.0



#10

Phenol

Concen: 31.618 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF115052.D

Acq: 14 Jun 2019 20:51

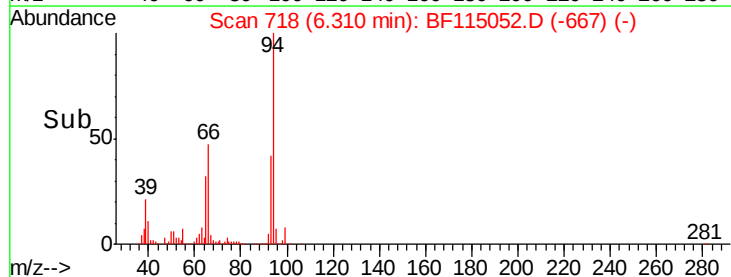
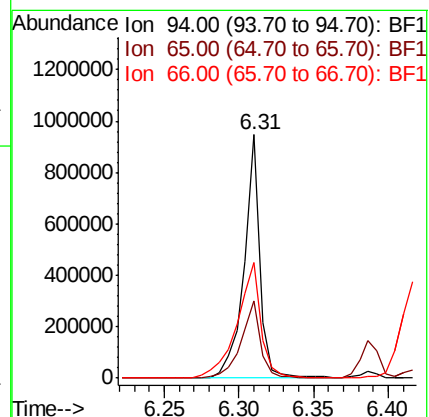
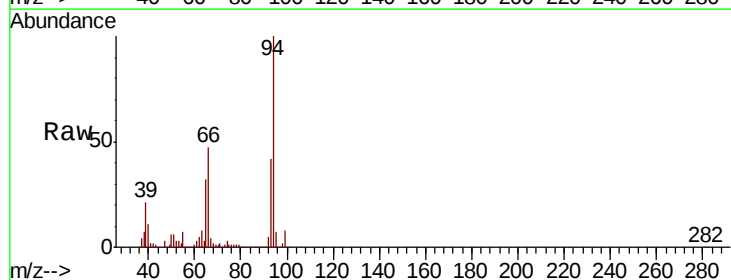
Tgt Ion: 94 Resp: 707809

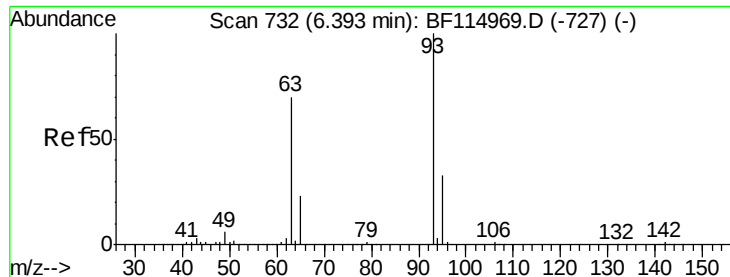
Ion Ratio Lower Upper

94 100

65 31.9 20.0 60.0

66 47.3 44.1 84.1

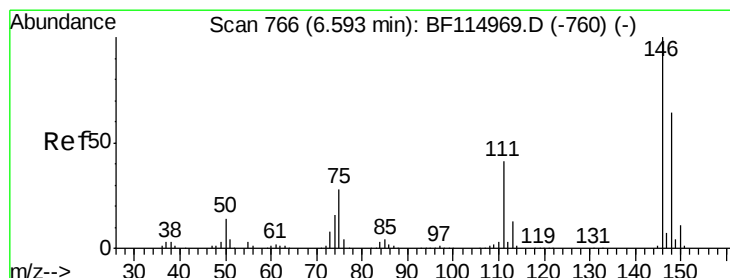
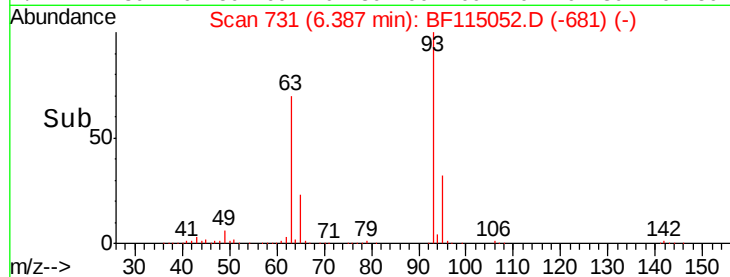
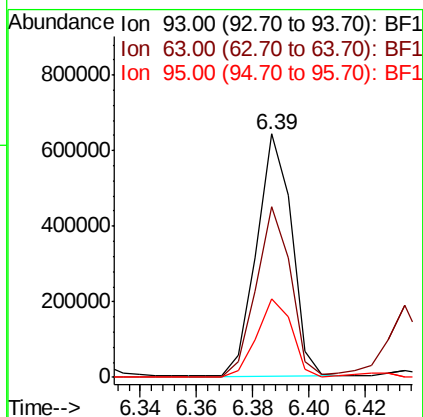
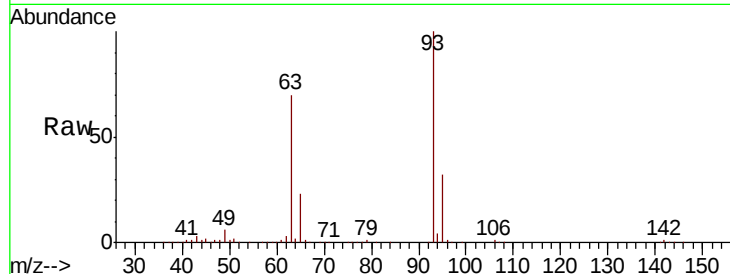




#11
bis(2-Chloroethyl)ether
Concen: 31.728 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF115052.D
Acq: 14 Jun 2019 20:51

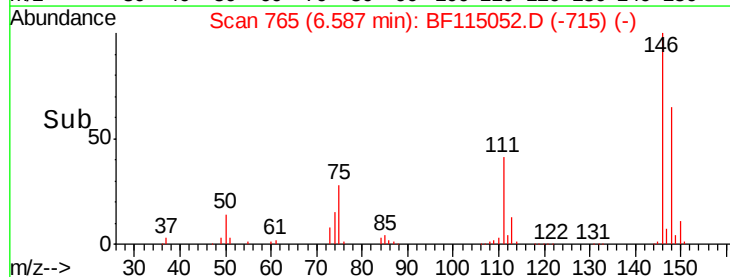
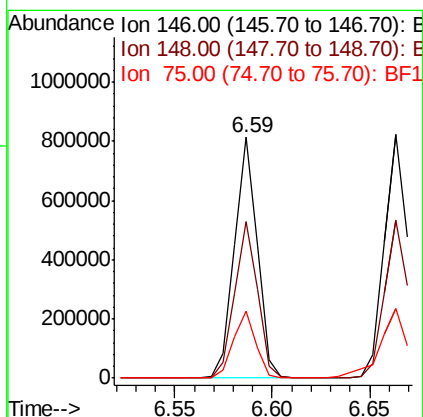
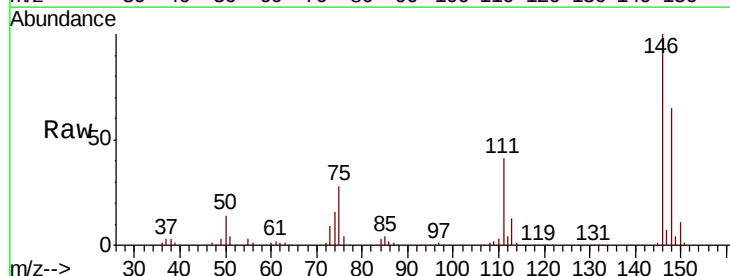
Instrument :
BNA_F
ClientSampleId :
BAT-B10MS

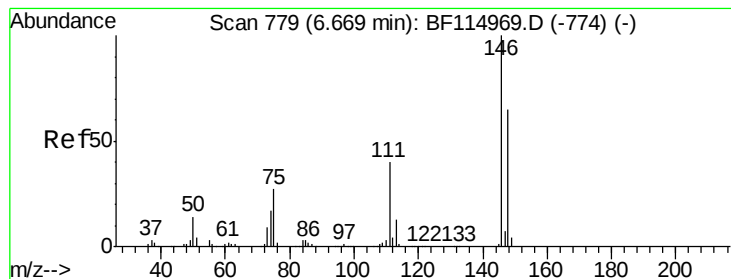
Tot Ion	Ratio	Lower	Upper
93	100		
63	70.3	49.8	89.8
95	32.4	13.3	53.3



#12
1,3-Dichlorobenzene
Concen: 30.195 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF115052.D
Acq: 14 Jun 2019 20:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.6	77.4
75	27.8	22.3	33.5





#13

1,4-Dichlorobenzene

Concen: 30.709 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF115052.D

Acq: 14 Jun 2019 20:51

Instrument :

BNA_F

ClientSampleId :

BAT-B10MS

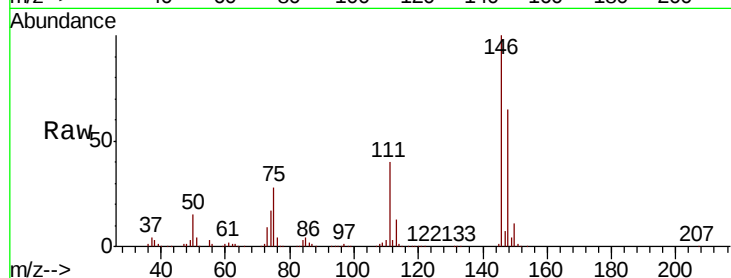
Tot Ion:146 Resp: 678233

Ion Ratio Lower Upper

146 100

148 65.0 52.2 78.2

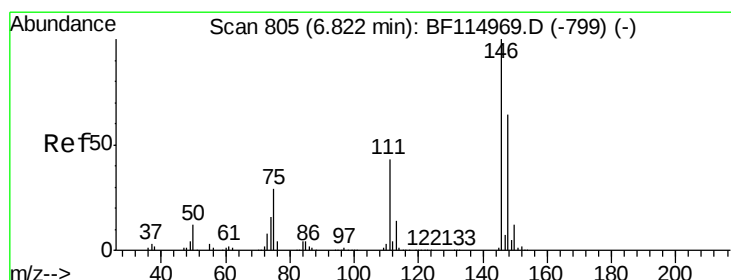
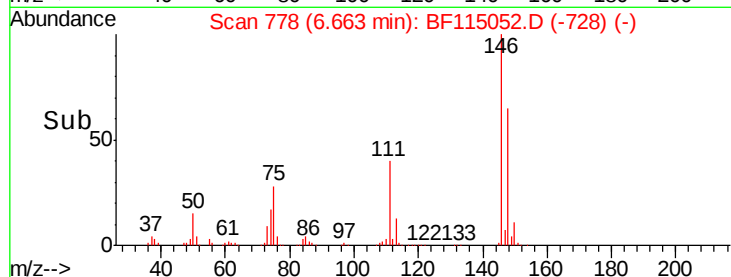
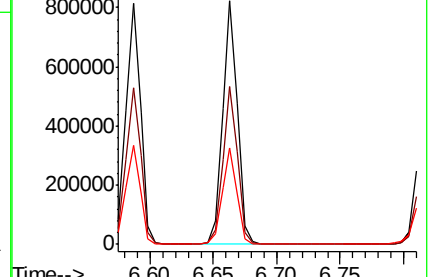
111 39.5 32.4 48.6



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: 30.333 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF115052.D

Acq: 14 Jun 2019 20:51

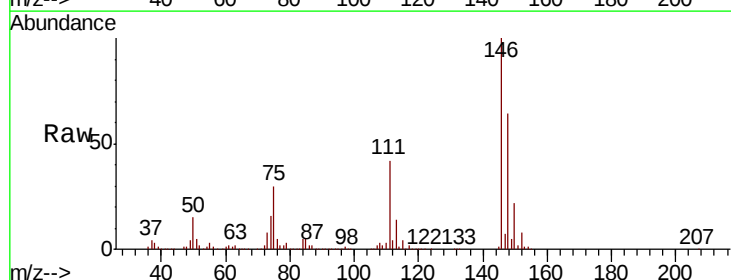
Tgt Ion:146 Resp: 630707

Ion Ratio Lower Upper

146 100

148 63.6 51.5 77.3

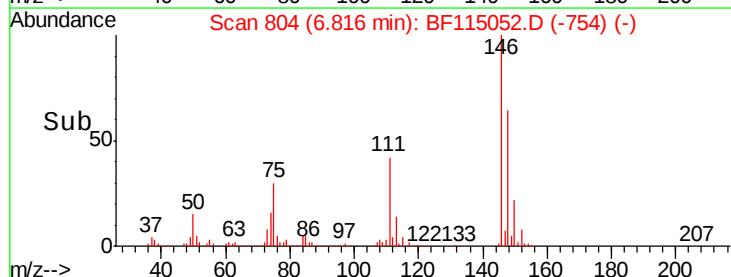
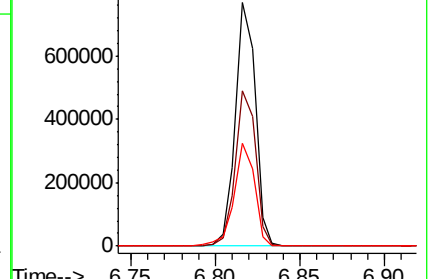
111 42.4 34.6 51.8

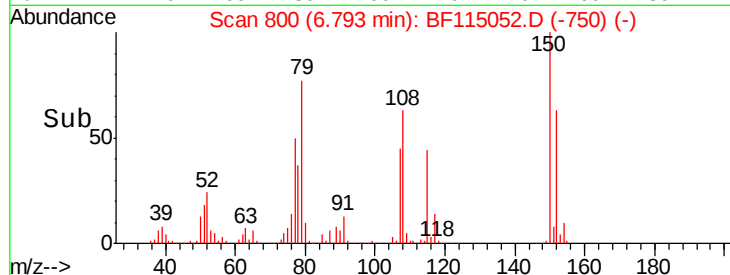
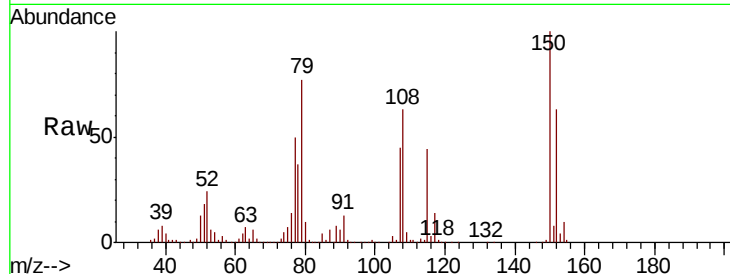
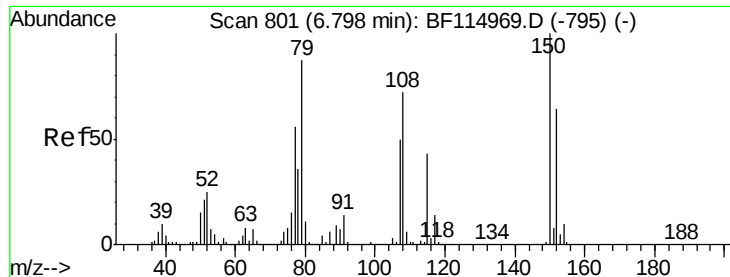


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

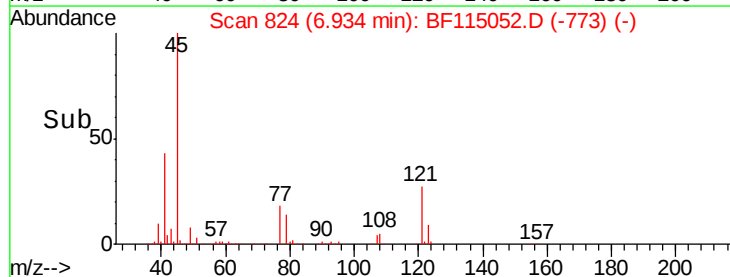
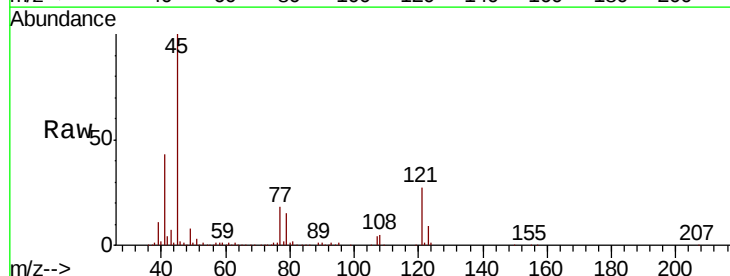
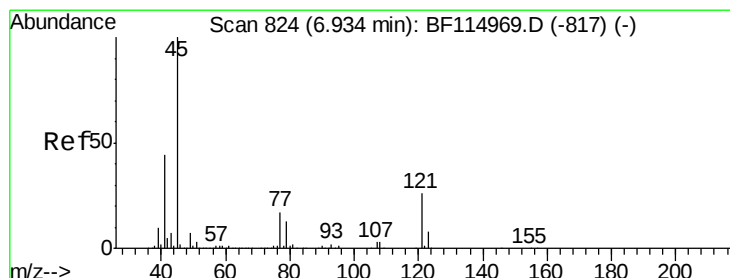
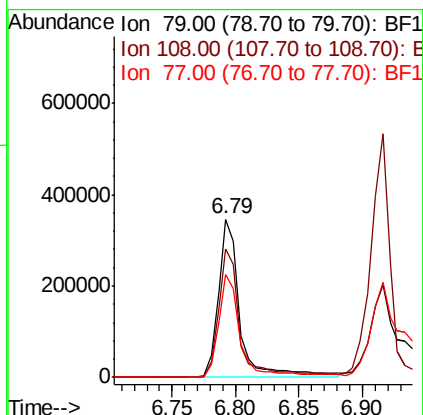




#15
Benzvl Alcohol
Concen: 27.654 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF115052.D
Acq: 14 Jun 2019 20:51

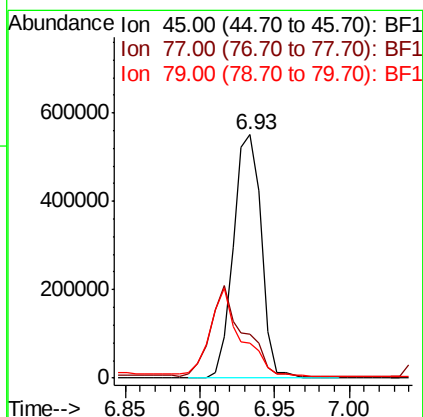
Instrument :
BNA_F
ClientSampleId :
BAT-B10MS

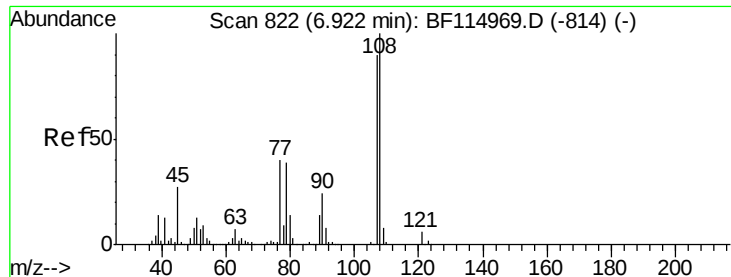
Tot Ion: 79 Resp: 414563
Ion Ratio Lower Upper
79 100
108 81.3 66.0 99.0
77 64.6 51.1 76.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.964 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF115052.D
Acq: 14 Jun 2019 20:51

Tgt Ion: 45 Resp: 720075
Ion Ratio Lower Upper
45 100
77 17.8 0.0 37.0
79 14.6 0.0 33.1

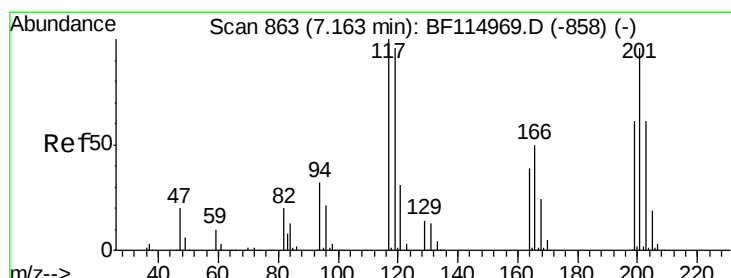
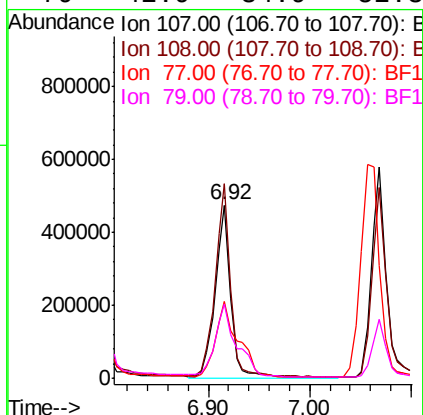
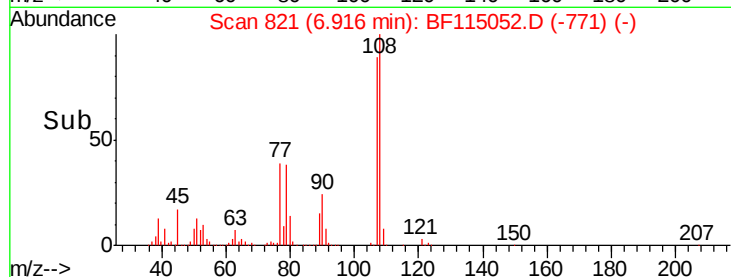
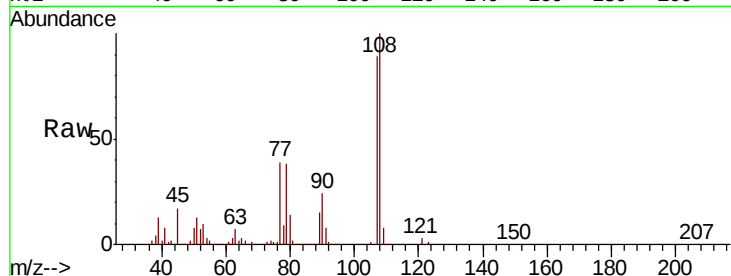




#17
2-Methylphenol
Concen: 32.681 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF115052.D
Acq: 14 Jun 2019 20:51

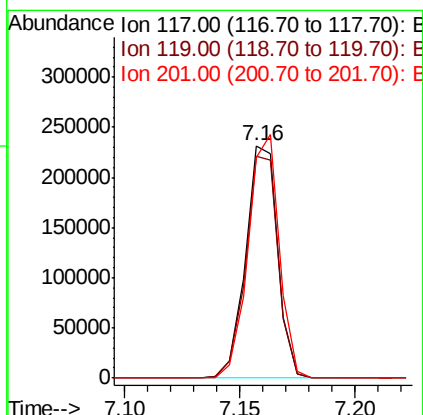
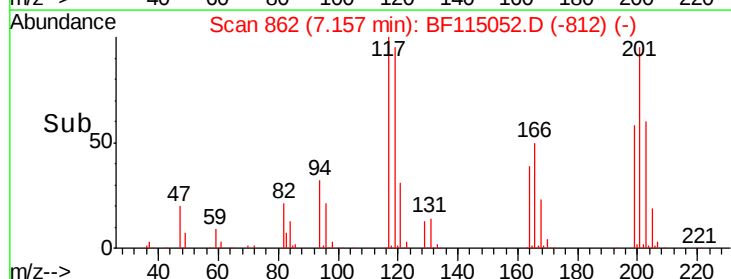
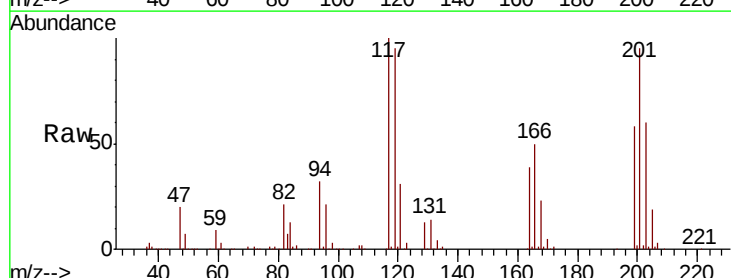
Instrument :
BNA_F
ClientSampleId :
BAT-B10MS

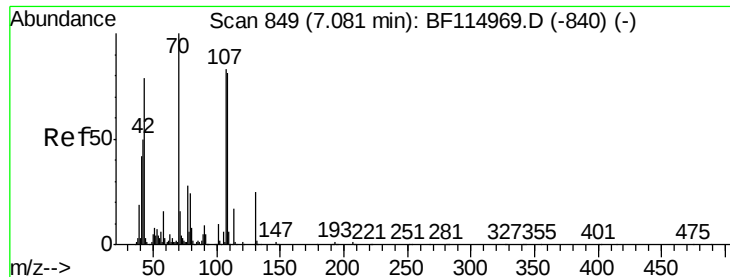
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.2	89.3	133.9
77	44.1	35.4	53.2
79	42.9	34.9	52.3



#18
Hexachloroethane
Concen: 28.222 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF115052.D
Acq: 14 Jun 2019 20:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.0	115.4
201	94.7	76.6	115.0

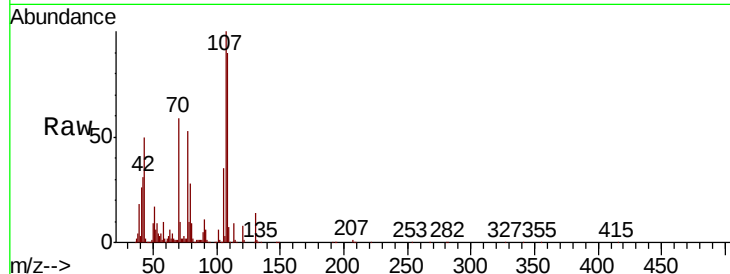




#19
n-Nitroso-di-n-propylamine
Concen: 31.523 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF115052.D
Acq: 14 Jun 2019 20:51

Instrument :
BNA_F
ClientSampleId :
BAT-B10MS

Tot Ion:	70	Resp:	383216
Ion	Ratio	Lower	Upper
70	100		
42	52.6	40.3	60.5
101	9.9	8.2	12.4
130	23.5	20.3	30.5



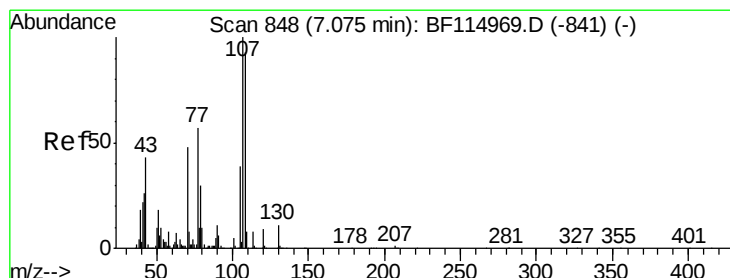
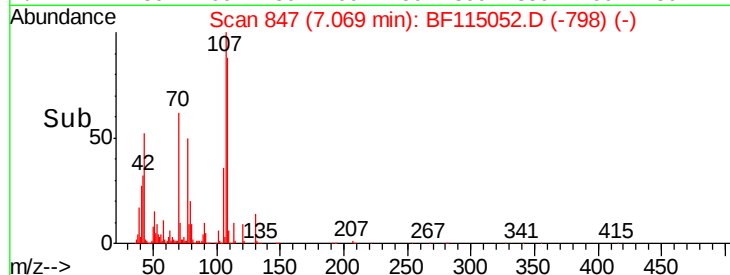
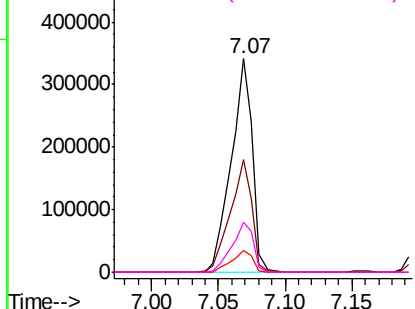
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

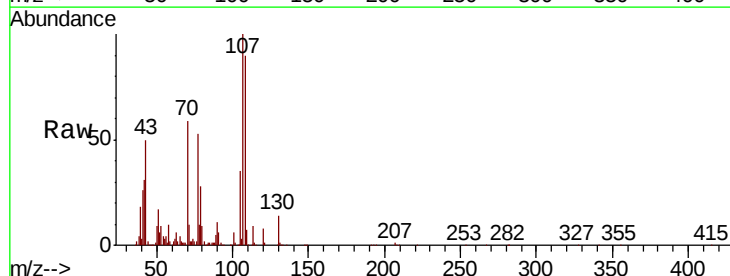
Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 32.192 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF115052.D
Acq: 14 Jun 2019 20:51

Tgt Ion:	107	Resp:	601048
Ion	Ratio	Lower	Upper
107	100		
108	90.3	73.1	113.1
77	53.1	37.3	77.3
79	27.8	9.6	49.6



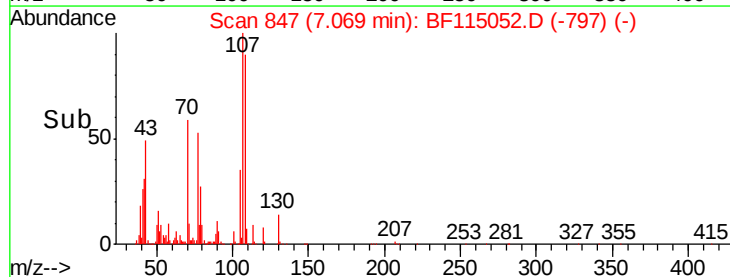
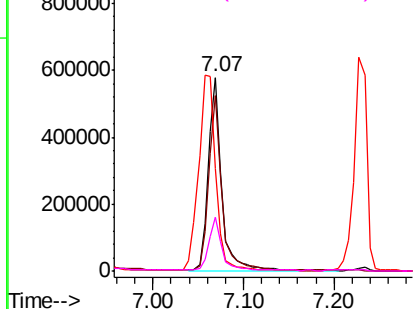
Abundance

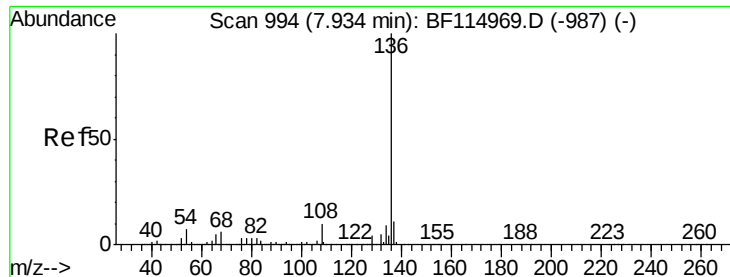
Ion 107.00 (106.70 to 107.70): E

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

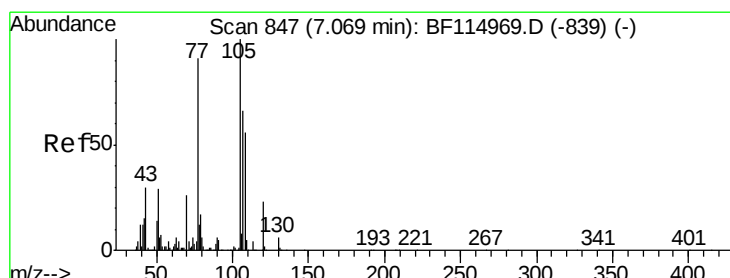
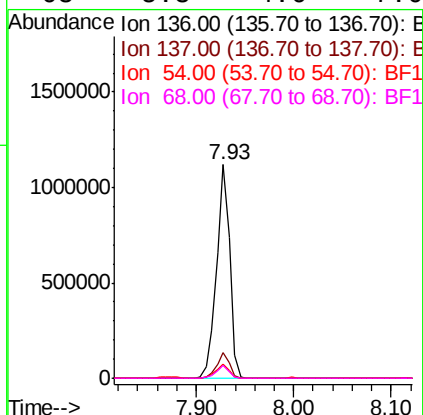
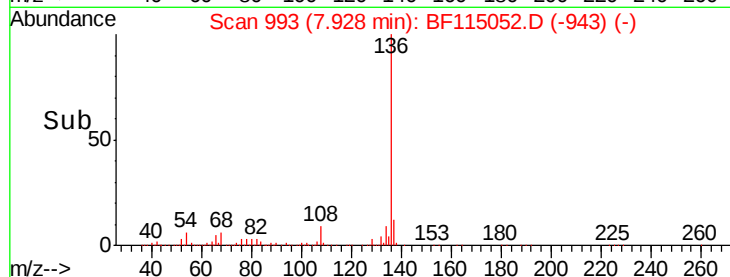
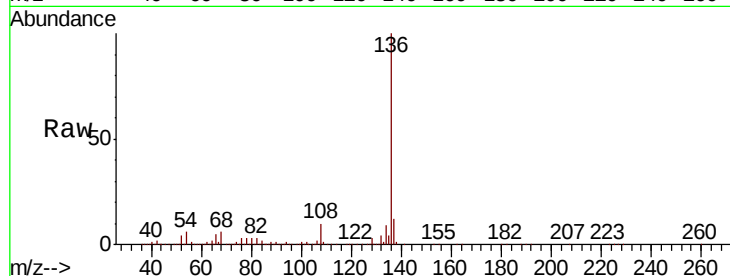




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF115052.D
Acq: 14 Jun 2019 20:51

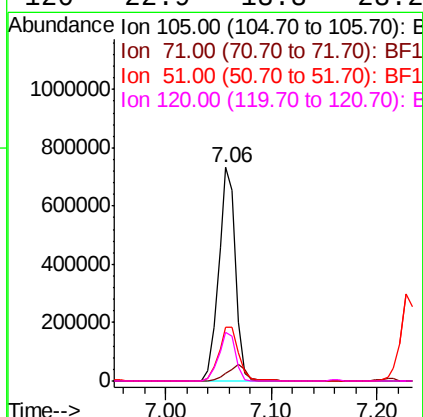
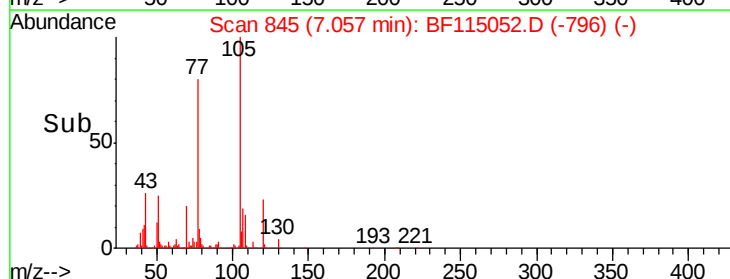
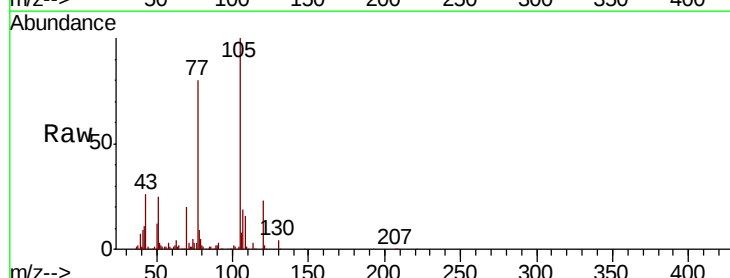
Instrument :
BNA_F
ClientSampleId :
BAT-B10MS

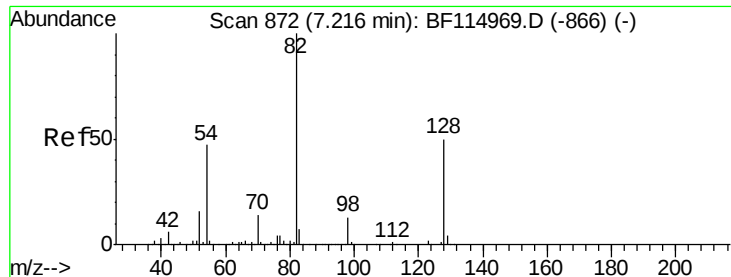
Tot Ion:136	Resp: 1049773
Ion Ratio	Lower Upper
136 100	
137 11.8	9.0 13.4
54 6.5	5.4 8.0
68 5.8	4.6 7.0



#22
Acetophenone
Concen: 34.580 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF115052.D
Acq: 14 Jun 2019 20:51

Tgt	Ion:105	Resp:	821746
Ion	Ratio	Lower	Upper
105	100		
71	3.4	3.4	5.2#
51	25.4	23.3	34.9
120	22.9	18.8	28.2



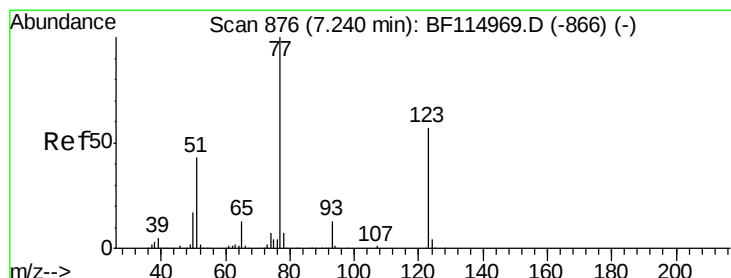
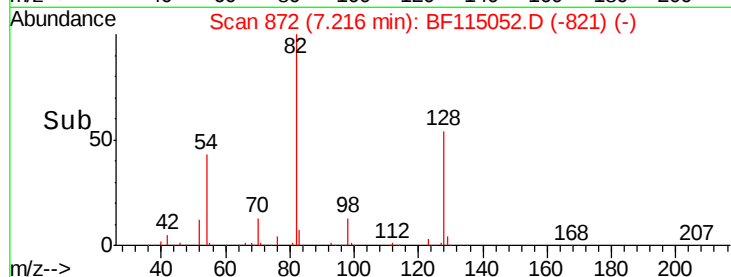
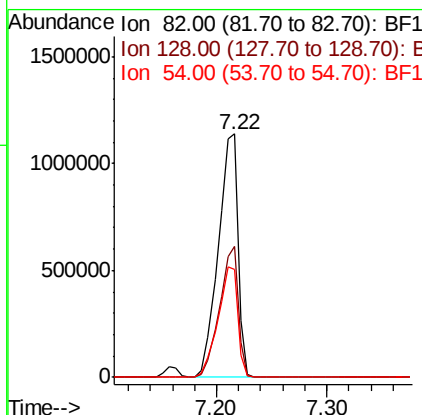
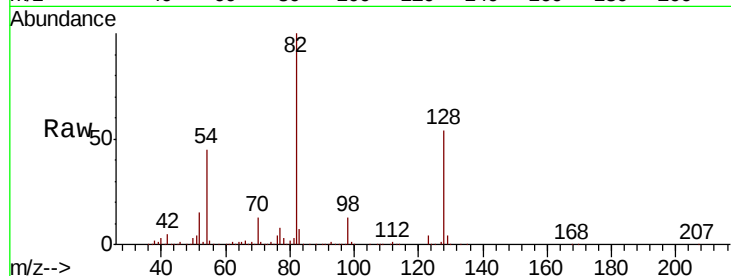


#23
 Nitrobenzene-d5
 Concen: 81.239 ng
 RT: 7.22 min Scan# 872
 Delta R.T. -0.00 min
 Lab File: BF115052.D
 Acq: 14 Jun 2019 20:51

Instrument :
 BNA_F
 ClientSampleId :
 BAT-B10MS

Tot Ion: 82 Resp: 1416847

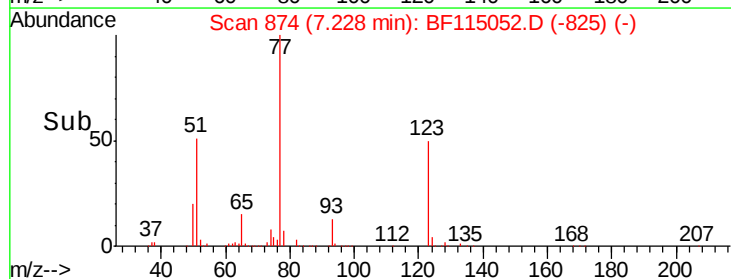
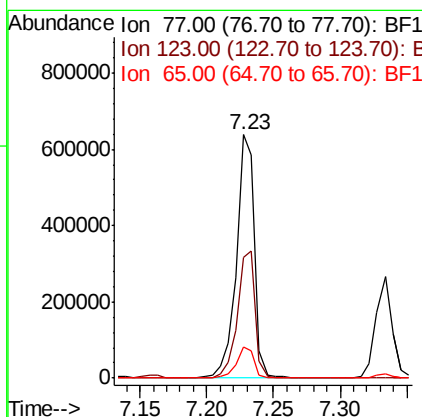
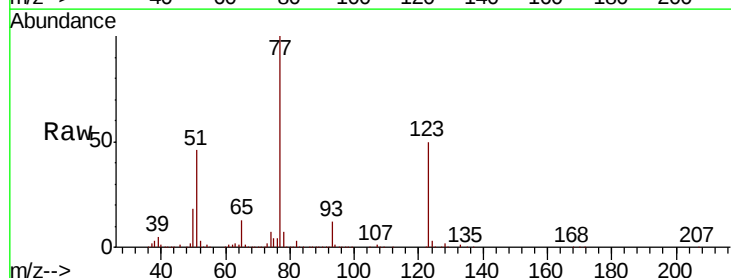
Ion	Ratio	Lower	Upper
82	100		
128	53.7	39.9	59.9
54	44.6	37.3	55.9

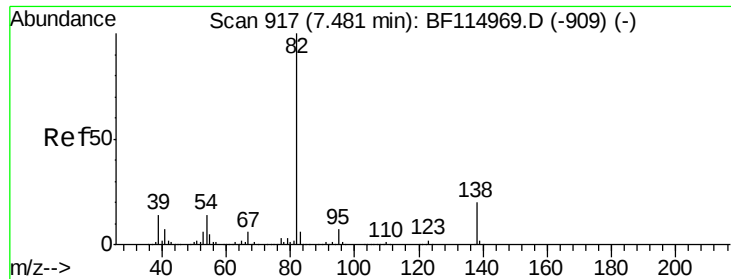


#24
 Nitrobenzene
 Concen: 33.807 ng
 RT: 7.23 min Scan# 874
 Delta R.T. -0.01 min
 Lab File: BF115052.D
 Acq: 14 Jun 2019 20:51

Tgt Ion: 77 Resp: 599888

Ion	Ratio	Lower	Upper
77	100		
123	49.7	45.5	68.3
65	13.0	10.3	15.5





#25

Isophorone

Concen: 33.465 ng

RT: 7.47 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF115052.D

Acq: 14 Jun 2019 20:51

Instrument :

BNA_F

ClientSampleId :

BAT-B10MS

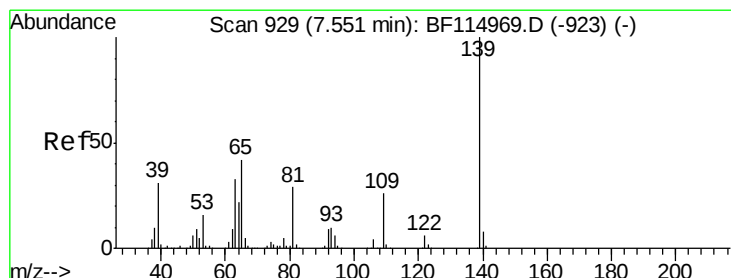
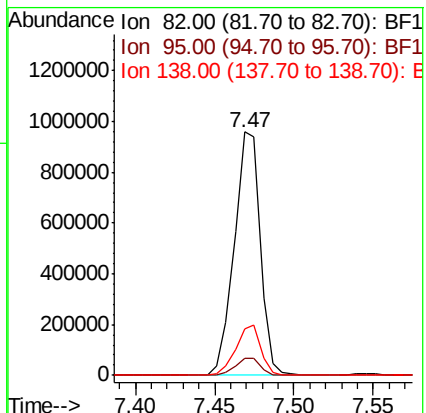
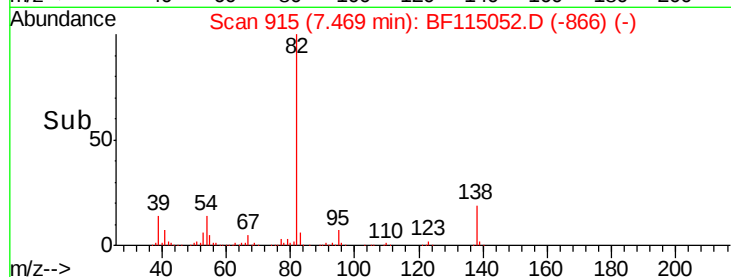
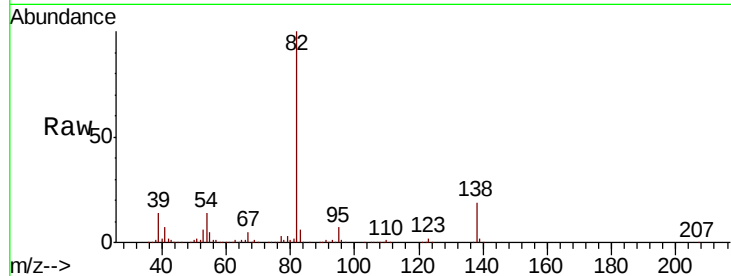
Tot Ion: 82 Resp: 1093123

Ion Ratio Lower Upper

82 100

95 6.9 5.6 8.4

138 19.3 16.1 24.1



#26

2-Nitrophenol

Concen: 30.861 ng

RT: 7.55 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF115052.D

Acq: 14 Jun 2019 20:51

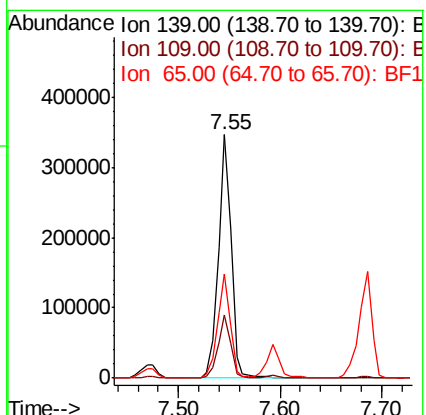
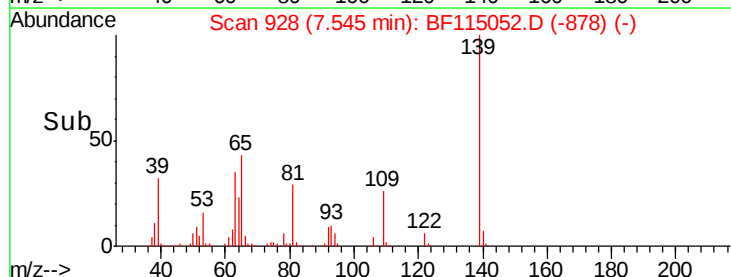
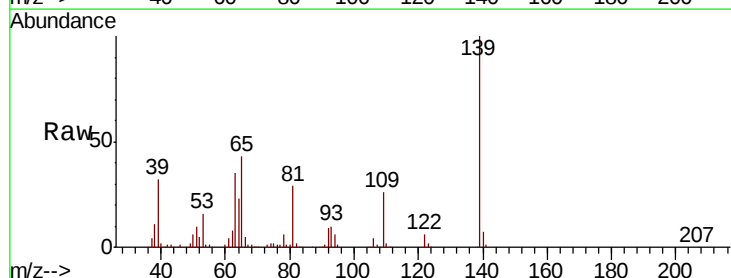
Tgt Ion: 139 Resp: 305231

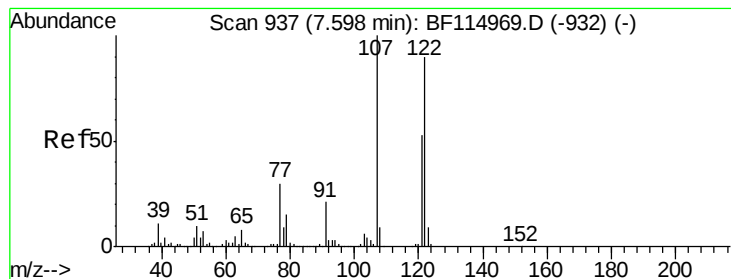
Ion Ratio Lower Upper

139 100

109 26.1 20.8 31.2

65 42.7 33.4 50.2





#27

2,4-Dimethylphenol

Concen: 36.761 ng

RT: 7.59 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF115052.D

Acq: 14 Jun 2019 20:51

Instrument :

BNA_F

ClientSampleId :

BAT-B10MS

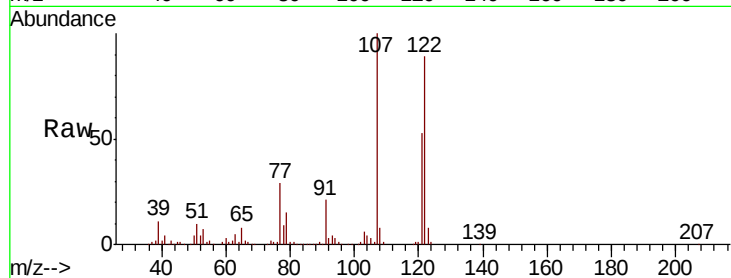
Tot Ion:122 Resp: 524517

Ion Ratio Lower Upper

122 100

107 111.9 88.8 133.2

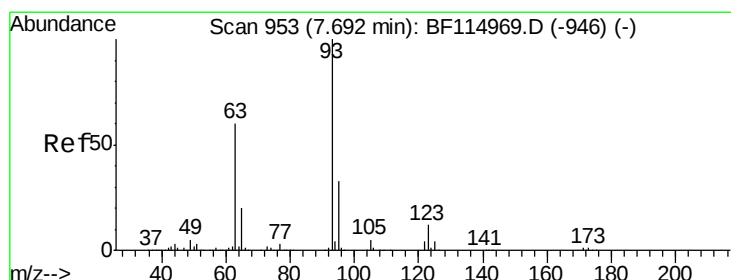
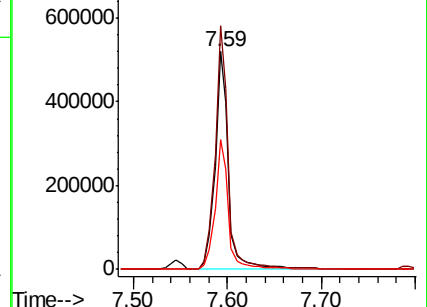
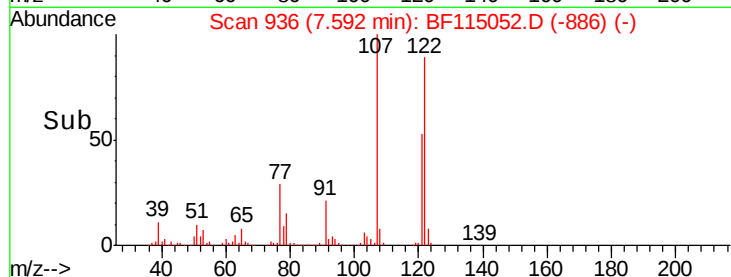
121 59.3 47.4 71.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 33.406 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF115052.D

Acq: 14 Jun 2019 20:51

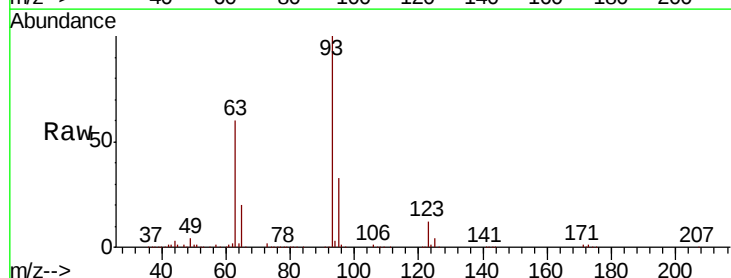
Tgt Ion: 93 Resp: 700084

Ion Ratio Lower Upper

93 100

95 32.9 26.6 40.0

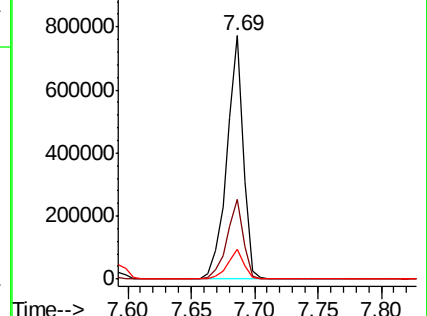
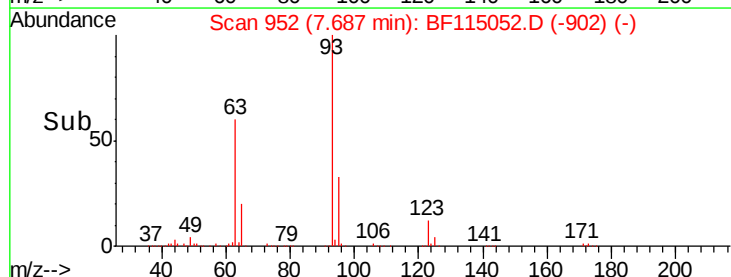
123 12.0 9.9 14.9

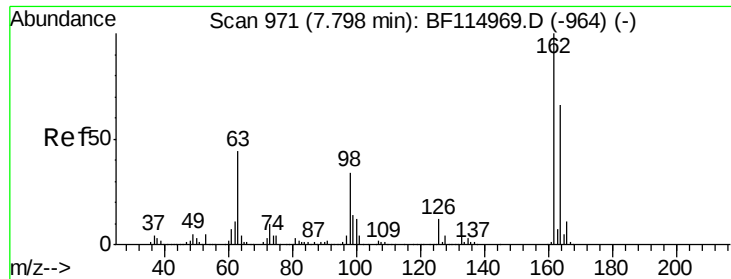


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

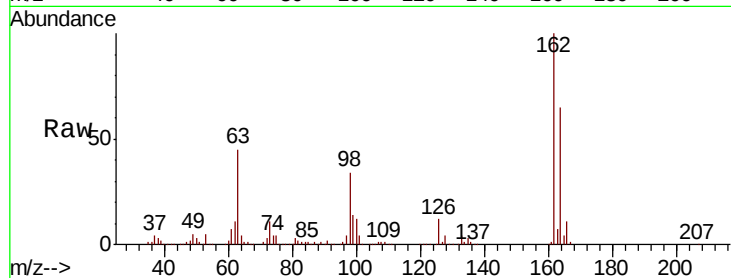




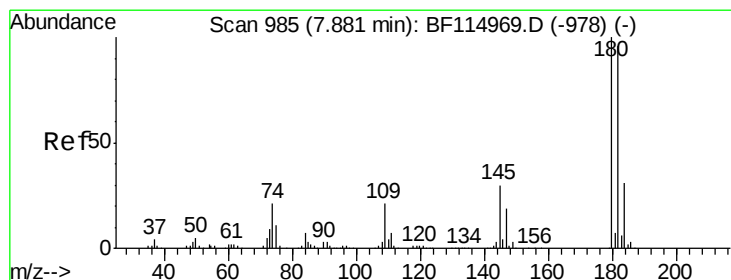
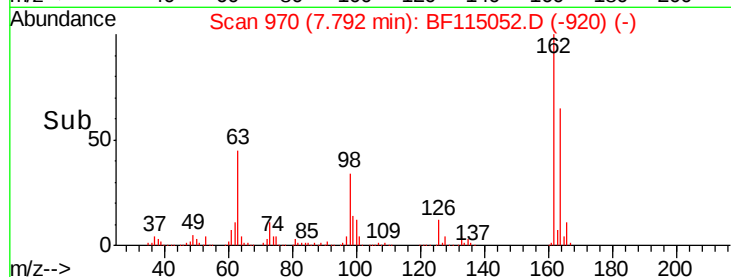
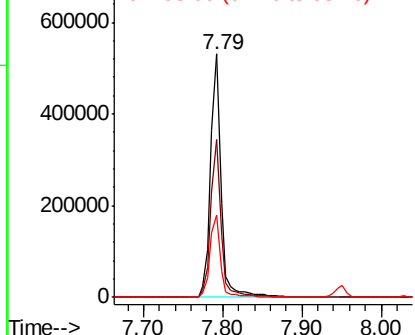
#29
2,4-Dichlorophenol
Concen: 32.661 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.01 min
Lab File: BF115052.D
Acq: 14 Jun 2019 20:51

Instrument :
BNA_F
ClientSampleId :
BAT-B10MS

Tot Ion:162 Resp: 492306
Ion Ratio Lower Upper
162 100
164 65.1 45.7 85.7
98 33.6 14.0 54.0

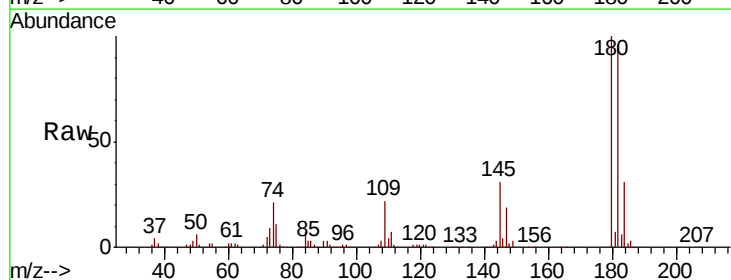


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

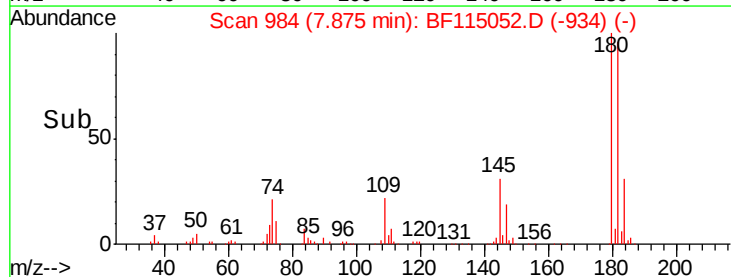
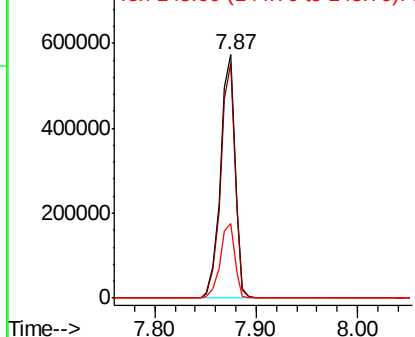


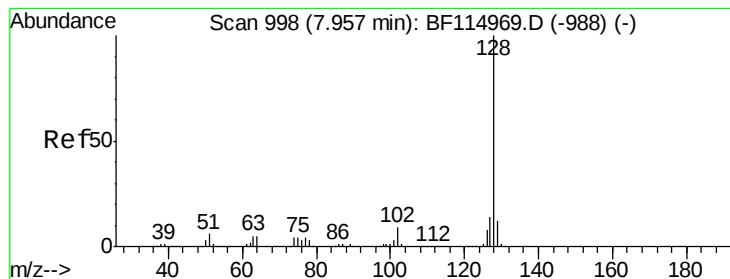
#30
1,2,4-Trichlorobenzene
Concen: 32.847 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF115052.D
Acq: 14 Jun 2019 20:51

Tgt Ion:180 Resp: 572083
Ion Ratio Lower Upper
180 100
182 96.2 76.7 115.1
145 30.9 24.1 36.1



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: 34.980 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.01 min

Lab File: BF115052.D

Acq: 14 Jun 2019 20:51

Instrument :

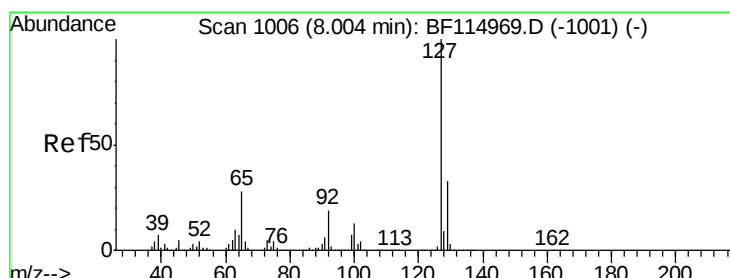
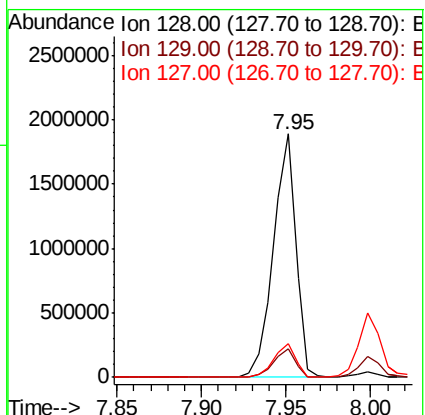
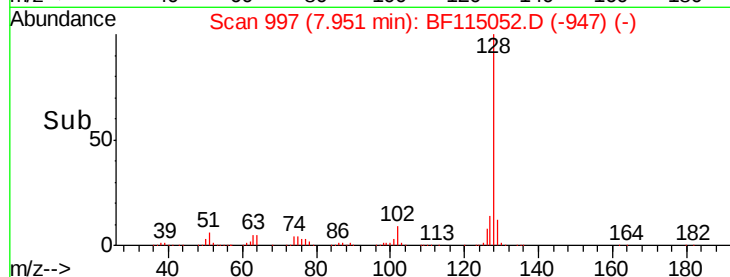
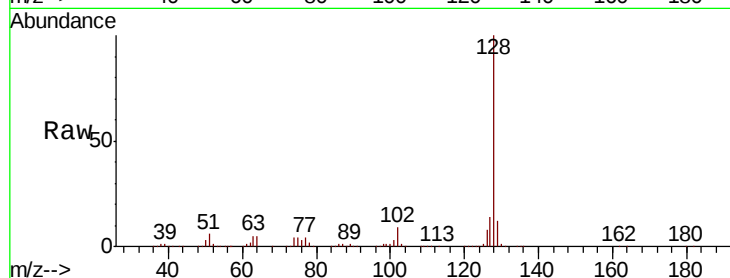
BNA_F

ClientSampleId :

BAT-B10MS

Tot Ion:128 Resp: 1737419

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.5	14.3
127	13.9	11.5	17.3



#33

4-Chloroaniline

Concen: 20.829 ng

RT: 8.00 min Scan# 1005

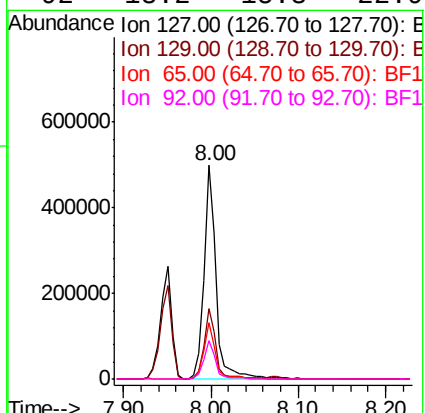
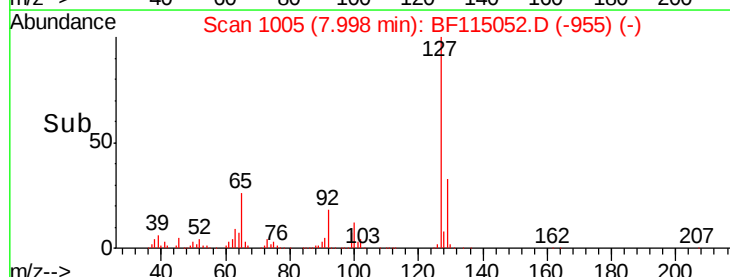
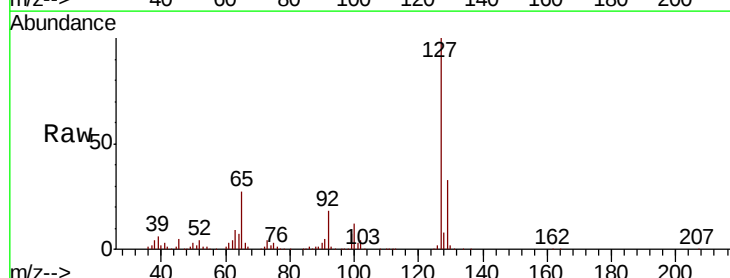
Delta R.T. -0.01 min

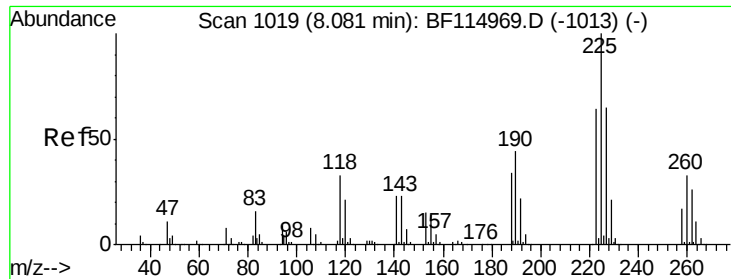
Lab File: BF115052.D

Acq: 14 Jun 2019 20:51

Tgt Ion:127 Resp: 477557

Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.1	39.1
65	26.5	22.3	33.5
92	18.2	15.3	22.9

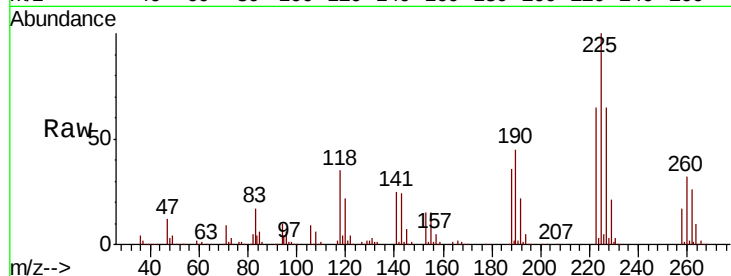




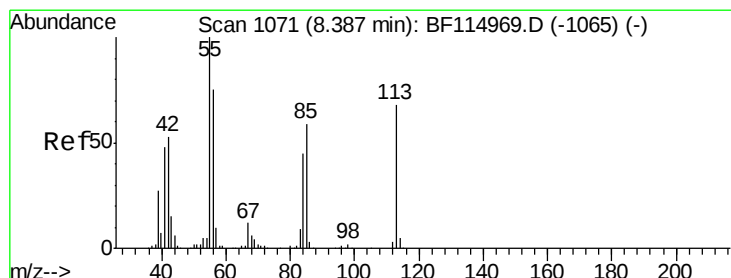
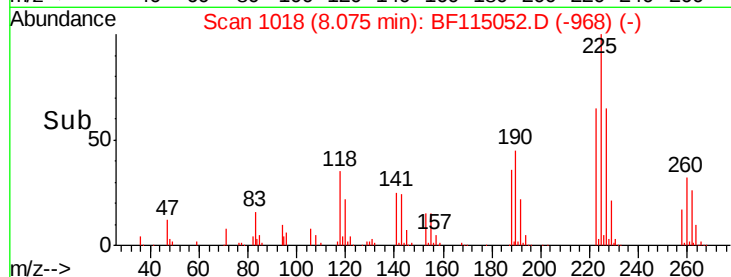
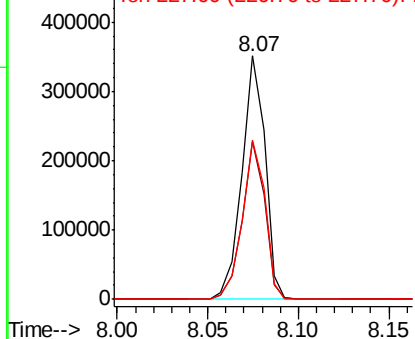
#34
Hexachlorobutadiene
Concen: 32.109 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF115052.D
Acq: 14 Jun 2019 20:51

Instrument :
BNA_F
ClientSampleId :
BAT-B10MS

Tot Ion	Ratio	Lower	Upper
225	100		
223	64.8	51.0	76.6
227	65.3	51.7	77.5

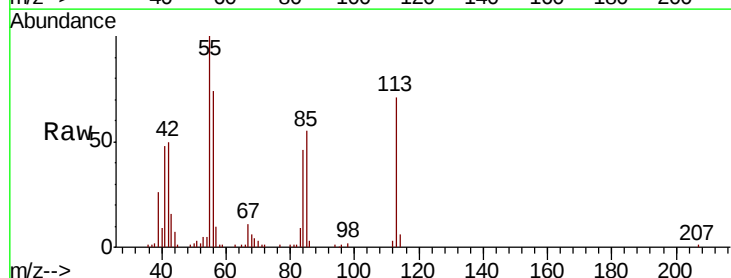


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

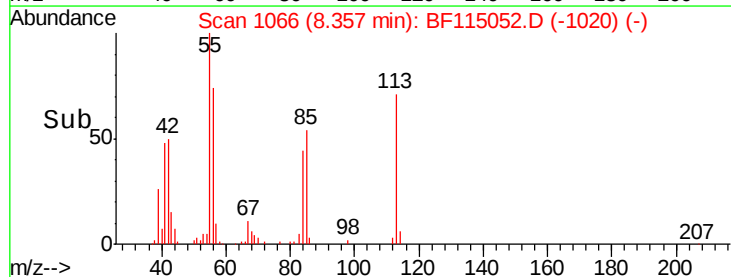
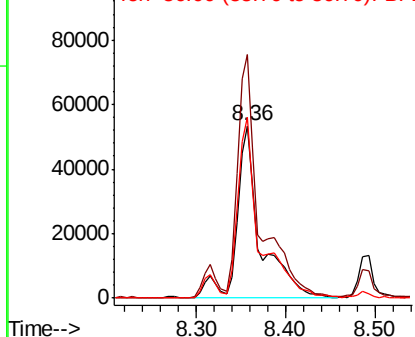


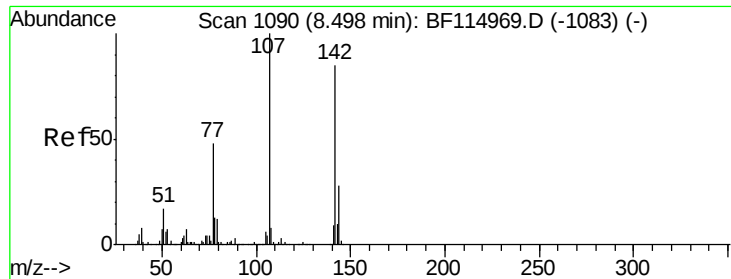
#35
Caprolactam
Concen: 19.746 ng m
RT: 8.36 min Scan# 1066
Delta R.T. -0.03 min
Lab File: BF115052.D
Acq: 14 Jun 2019 20:51

Tgt Ion	Ratio	Lower	Upper
113	100		
55	141.2	127.3	167.3
56	105.1	90.6	130.6



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

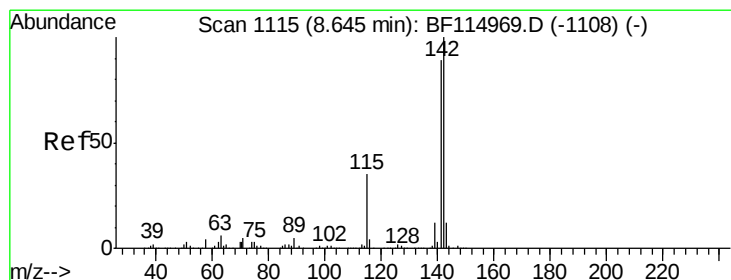
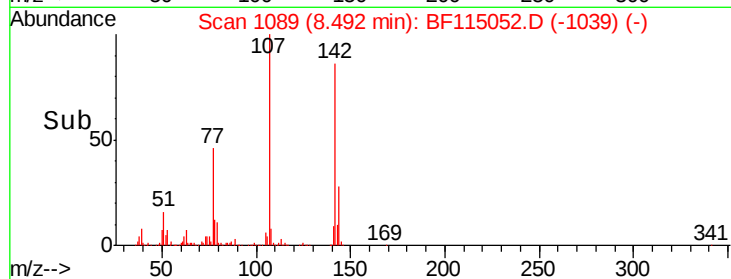
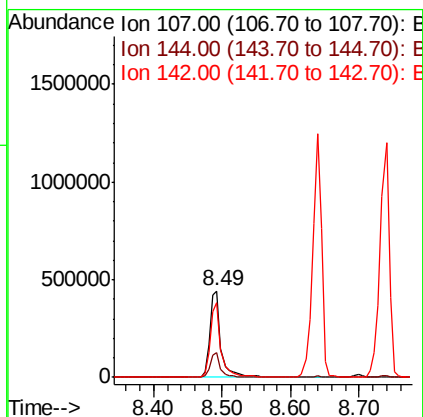
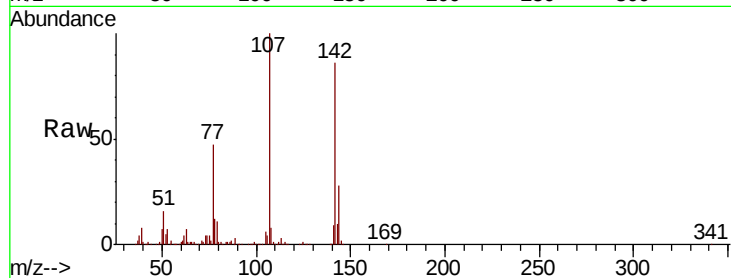




#36
4-Chloro-3-methylphenol
Concen: 33.354 ng
RT: 8.49 min Scan# 1089
Delta R.T. -0.01 min
Lab File: BF115052.D
Acq: 14 Jun 2019 20:51

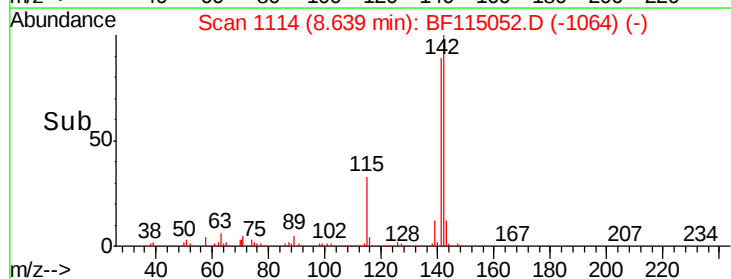
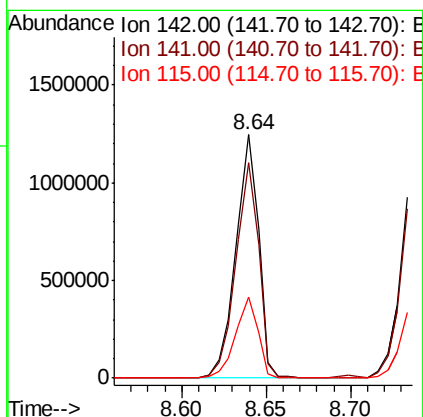
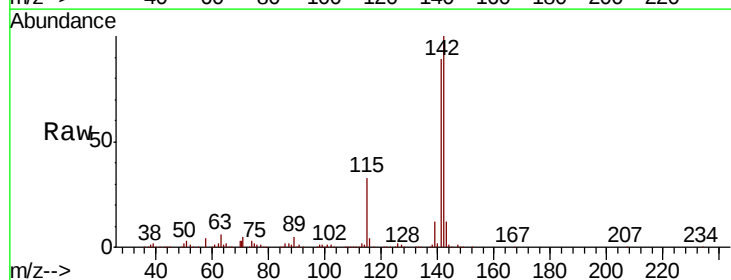
Instrument :
BNA_F
ClientSampleId :
BAT-B10MS

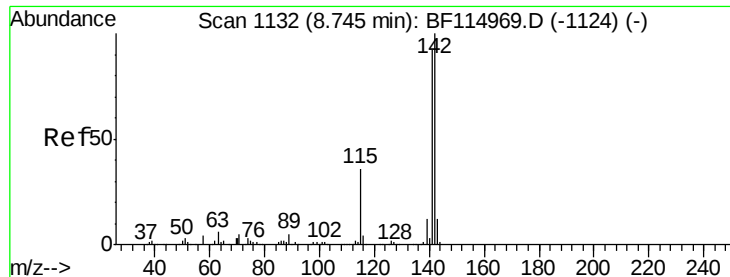
Tot Ion:107 Resp: 506644
Ion Ratio Lower Upper
107 100
144 28.3 22.0 33.0
142 86.5 68.2 102.4



#37
2-Methylnaphthalene
Concen: 35.222 ng
RT: 8.64 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BF115052.D
Acq: 14 Jun 2019 20:51

Tgt Ion:142 Resp: 1166827
Ion Ratio Lower Upper
142 100
141 88.6 71.0 106.6
115 33.2 27.9 41.9

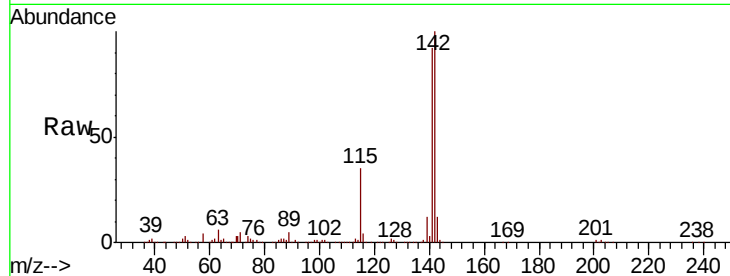




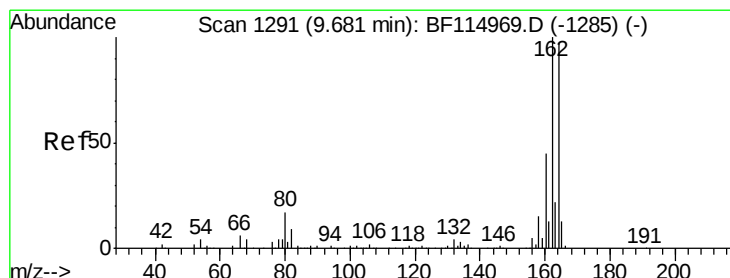
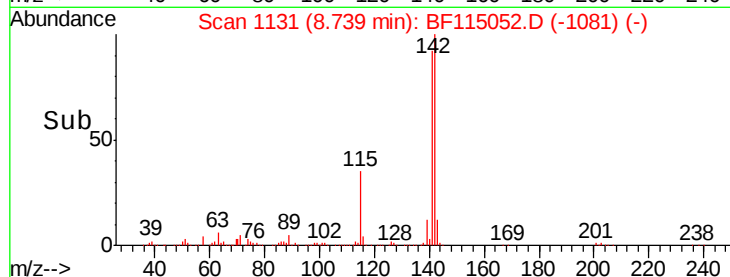
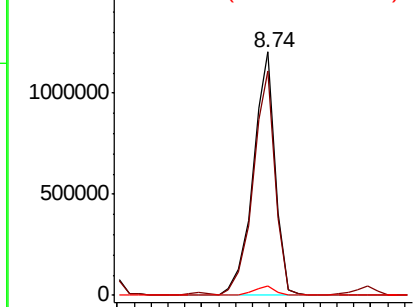
#38
1-Methylnaphthalene
Concen: 34.895 ng
RT: 8.74 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BF115052.D
Acq: 14 Jun 2019 20:51

Instrument :
BNA_F
ClientSampleId :
BAT-B10MS

Tot Ion:142 Resp: 1092584
Ion Ratio Lower Upper
142 100
141 92.2 73.8 110.8
116 3.6 2.9 4.3

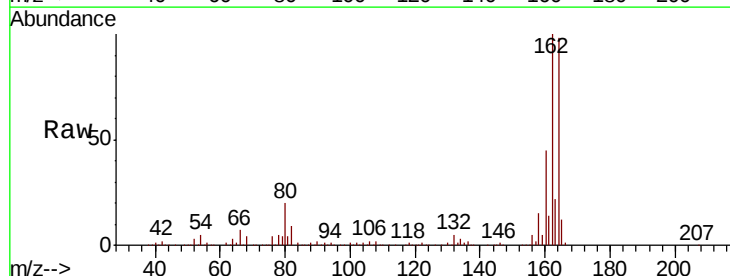


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

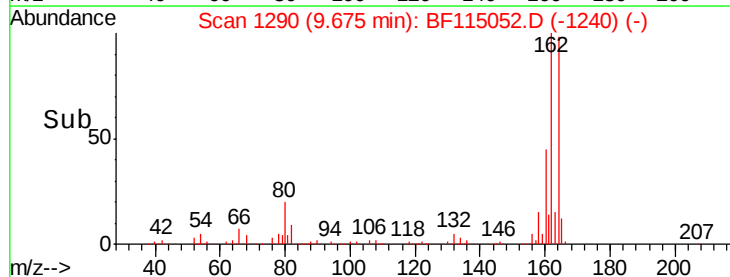
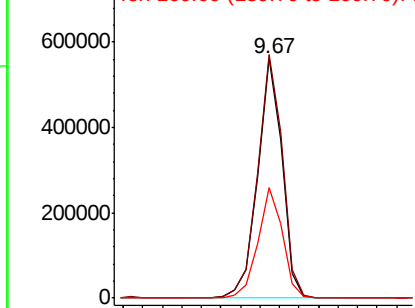


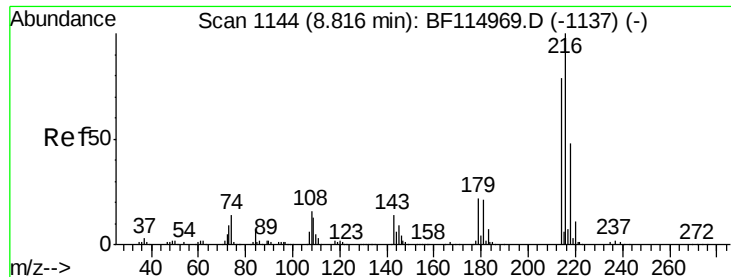
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF115052.D
Acq: 14 Jun 2019 20:51

Tgt Ion:164 Resp: 483612
Ion Ratio Lower Upper
164 100
162 101.6 82.6 124.0
160 46.1 36.9 55.3



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

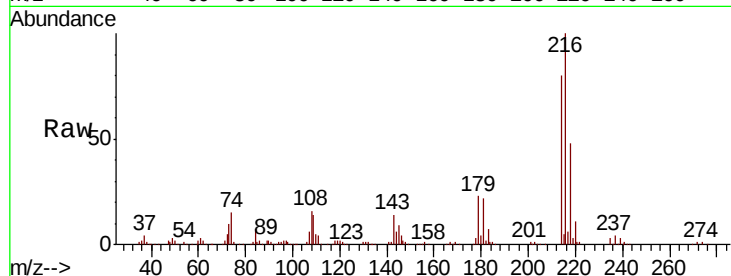




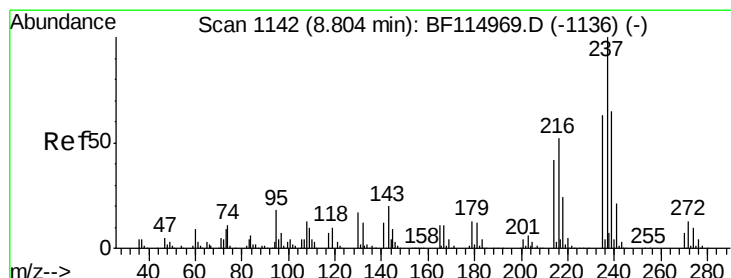
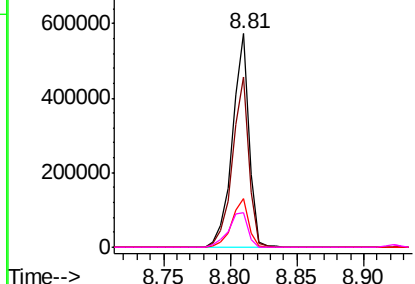
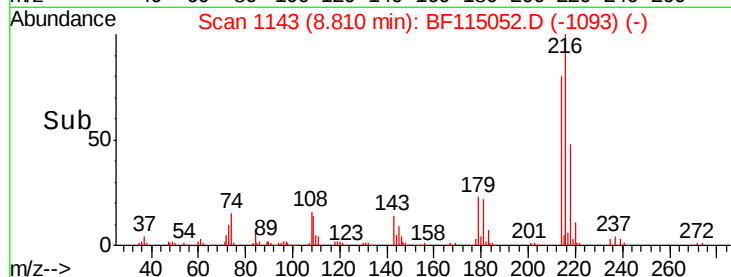
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.389 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF115052.D
 Acq: 14 Jun 2019 20:51

Instrument :
 BNA_F
 ClientSampleId :
 BAT-B10MS

Tot Ion:216	Resp:	505621
Ion Ratio	Lower	Upper
216	100	
214	79.3	63.7 95.5
179	22.7	18.2 27.4
108	19.4	15.0 22.6

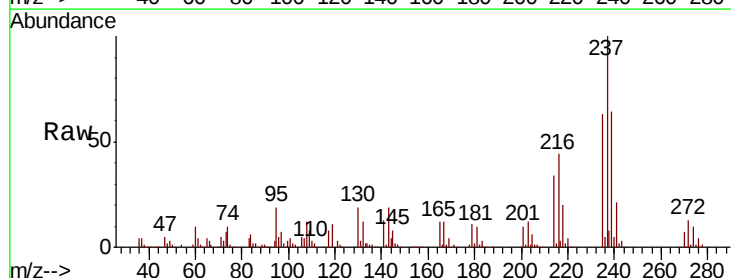


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

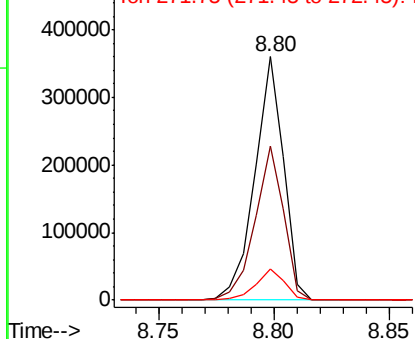
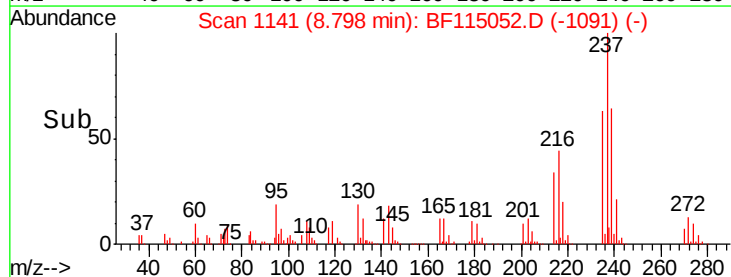


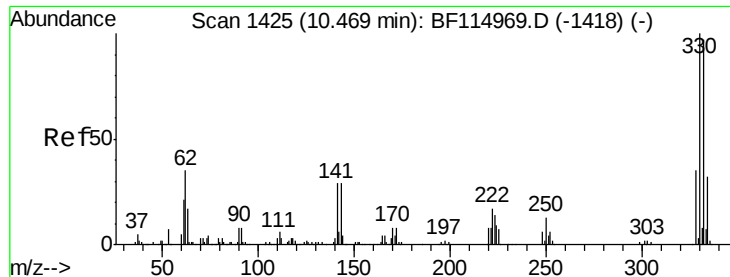
#41
 Hexachlorocyclopentadiene
 Concen: 44.628 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BF115052.D
 Acq: 14 Jun 2019 20:51

Tgt Ion:237	Resp:	314202
Ion Ratio	Lower	Upper
237	100	
235	63.0	42.7 82.7
272	12.6	0.0 32.7



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

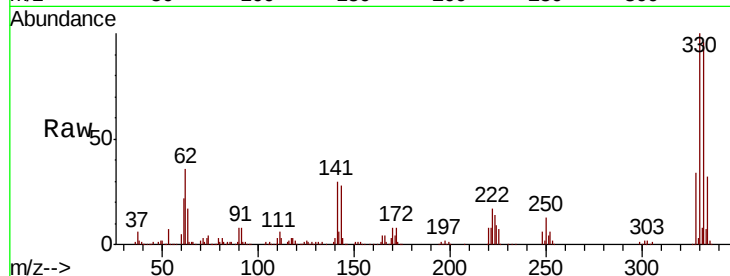




#42
 2,4,6-Tribromophenol
 Concen: 101.198 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF115052.D
 Acq: 14 Jun 2019 20:51

Instrument :
 BNA_F
 ClientSampleId :
 BAT-B10MS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.6	116.4
141	33.6	27.2	40.8

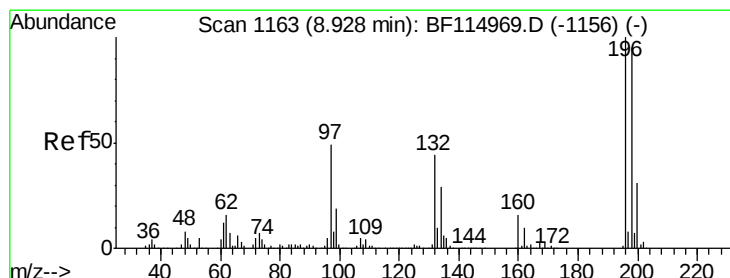
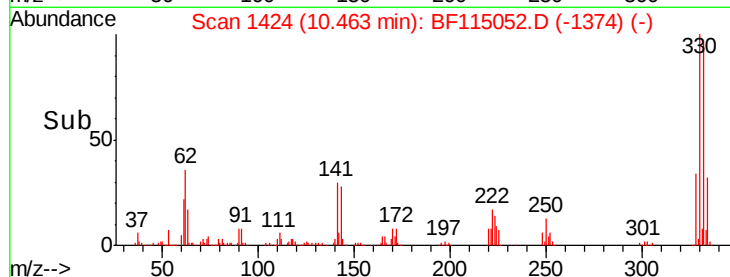
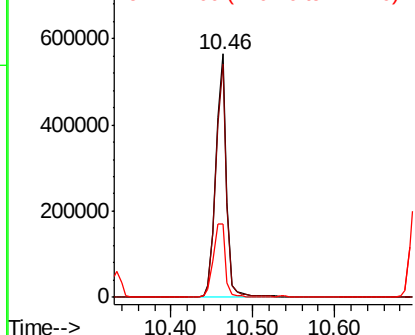


Abundance

Ion 329.80 (329.50 to 330.50): E

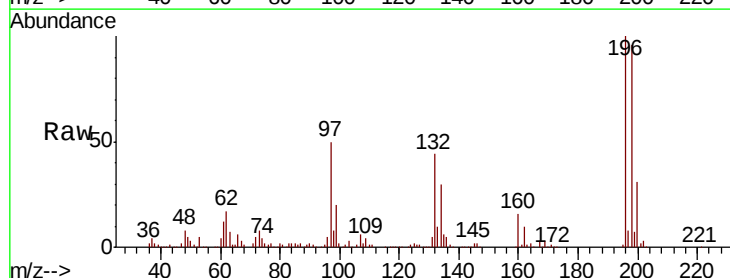
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#43
 2,4,6-Trichlorophenol
 Concen: 29.334 ng
 RT: 8.92 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BF115052.D
 Acq: 14 Jun 2019 20:51

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.5	75.8	113.8
200	30.9	24.9	37.3

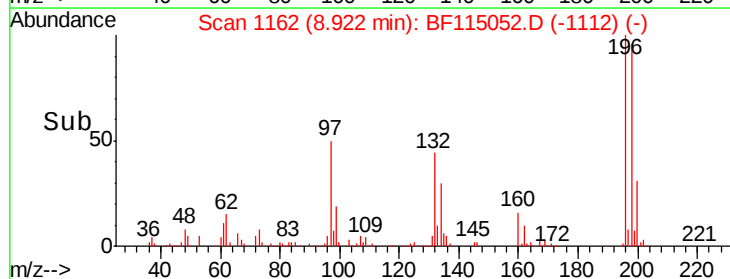
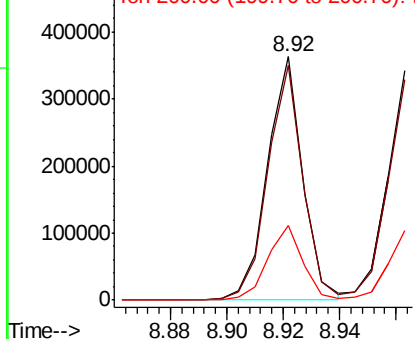


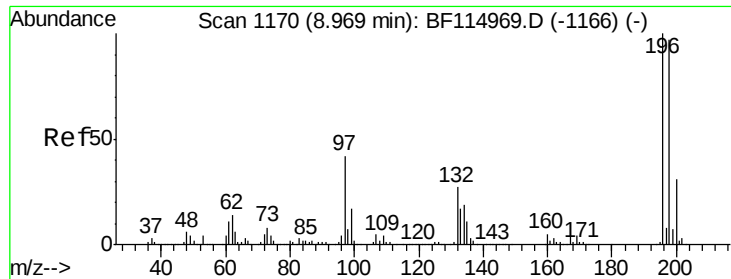
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

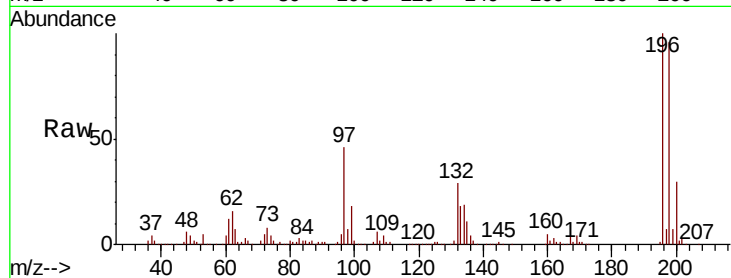




#44
 2,4,5-Trichlorophenol
 Concen: 29.078 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF115052.D
 Acq: 14 Jun 2019 20:51

Instrument :
 BNA_F
 ClientSampleId :
 BAT-B10MS

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.8	77.3	115.9
97	45.8	34.2	51.4
132	28.7	22.1	33.1



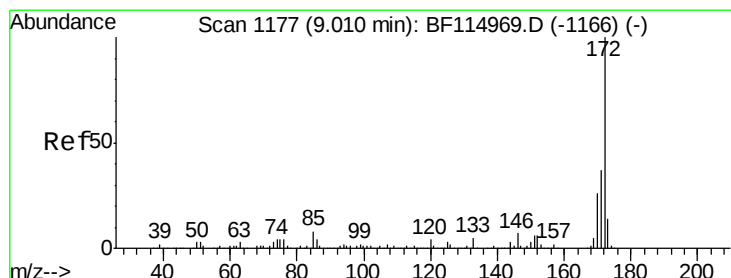
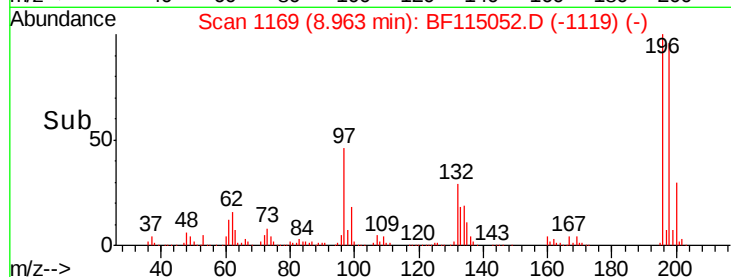
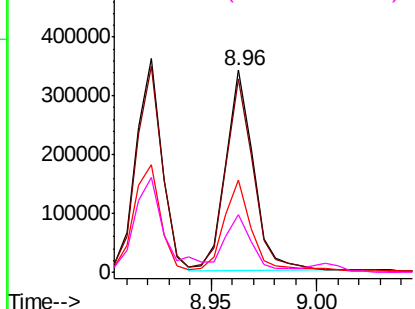
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

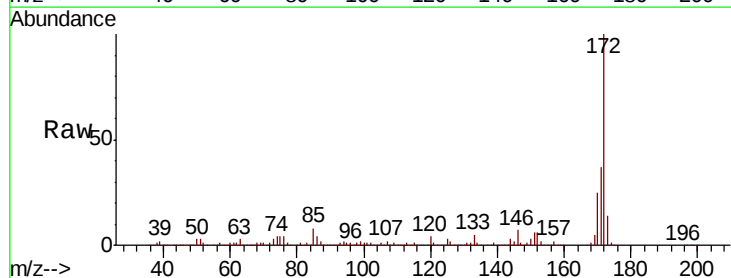
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#45
 2-Fluorobiphenyl
 Concen: 89.123 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF115052.D
 Acq: 14 Jun 2019 20:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.8	44.6
170	25.3	20.6	31.0

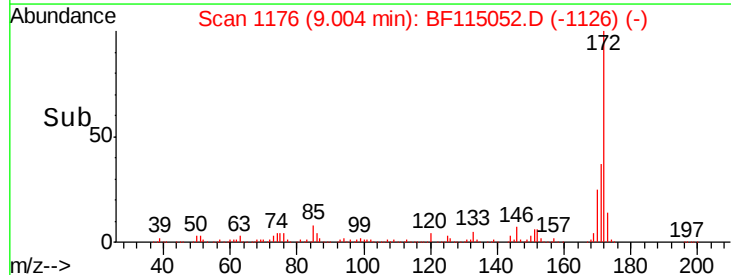
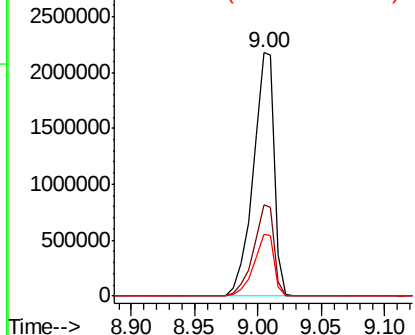


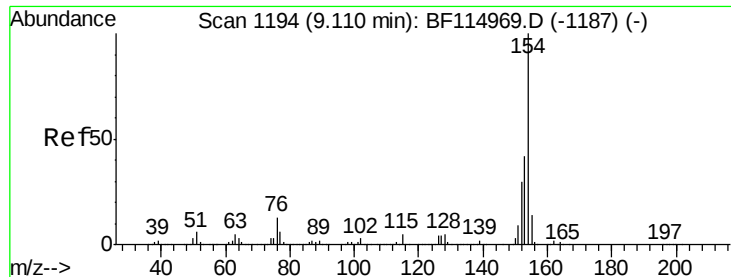
Abundance

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

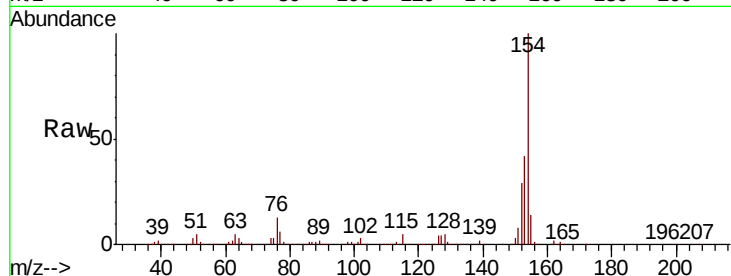




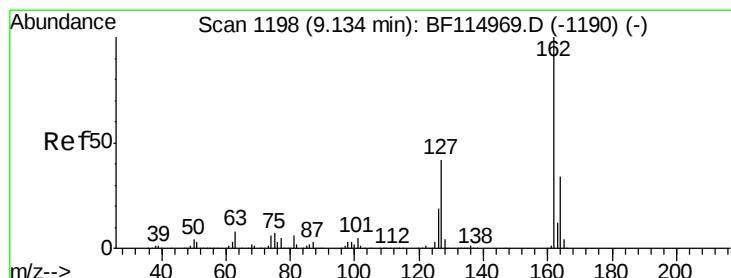
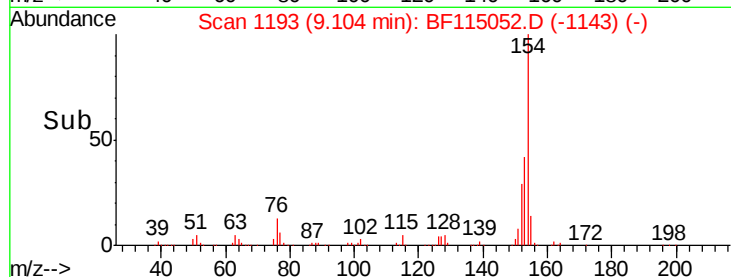
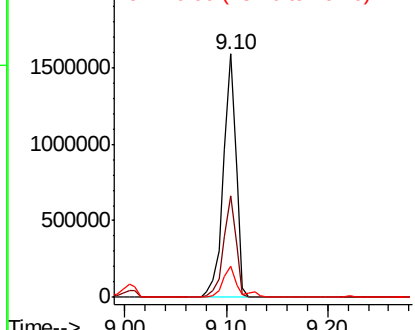
#46
 1,1'-Biphenyl
 Concen: 35.404 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF115052.D
 Acq: 14 Jun 2019 20:51

Instrument :
 BNA_F
 ClientSampleId :
 BAT-B10MS

Tot Ion:154 Resp: 1372055
 Ion Ratio Lower Upper
 154 100
 153 41.5 22.4 62.4
 76 12.6 0.0 33.3

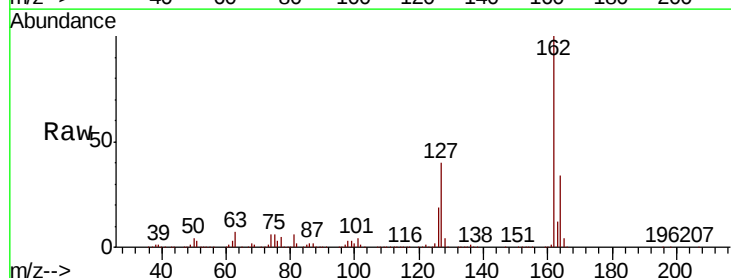


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

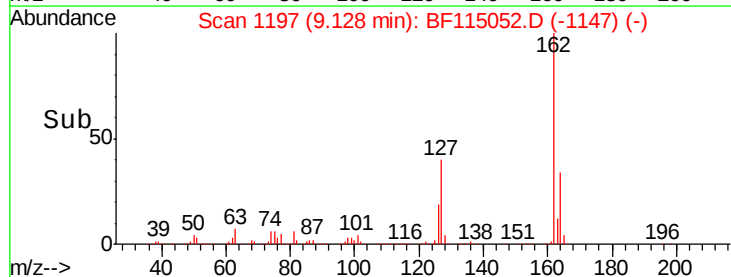
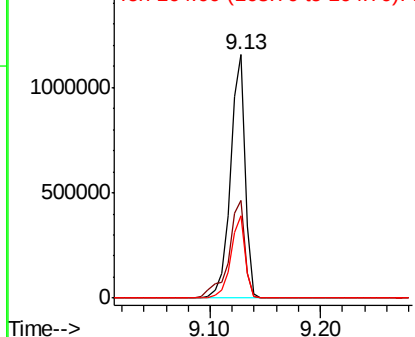


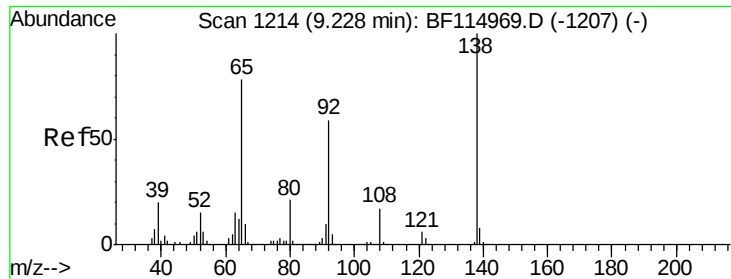
#47
 2-Chloronaphthalene
 Concen: 34.319 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF115052.D
 Acq: 14 Jun 2019 20:51

Tgt Ion:162 Resp: 1075507
 Ion Ratio Lower Upper
 162 100
 127 40.1 33.4 50.2
 164 33.7 27.2 40.8



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

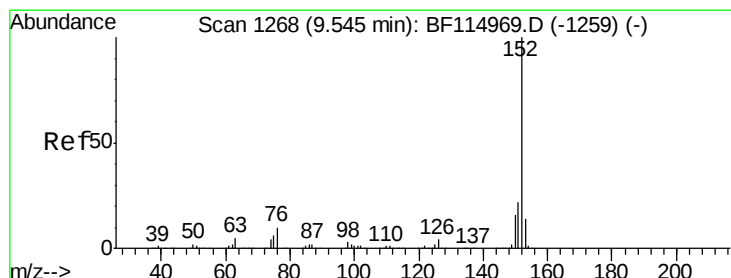
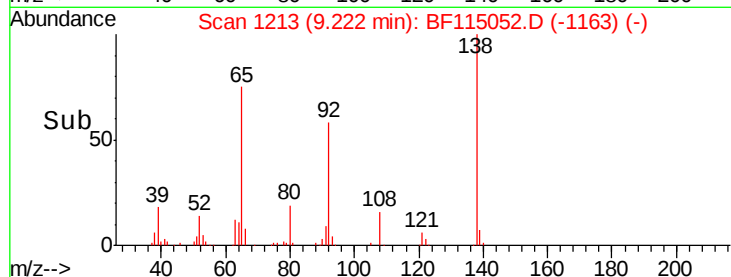
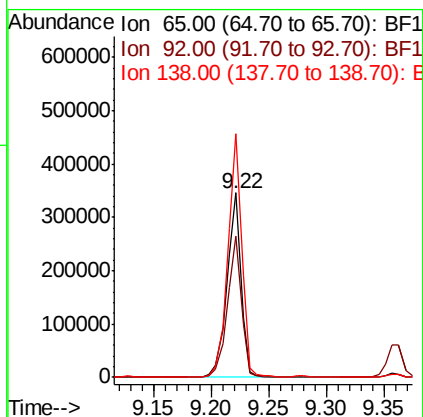
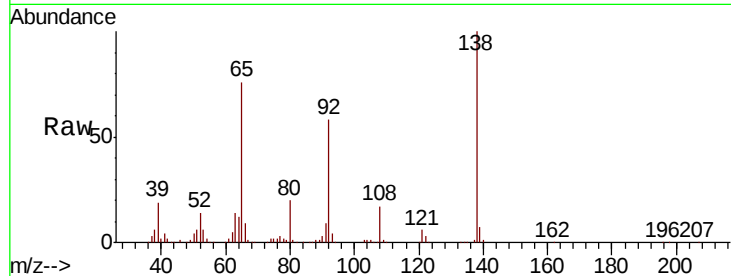




#48
2-Nitroaniline
Concen: 31.633 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF115052.D
Acq: 14 Jun 2019 20:51

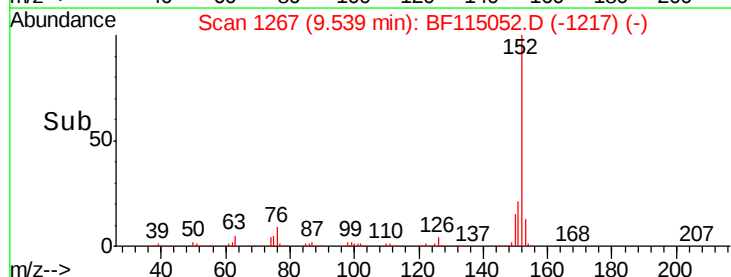
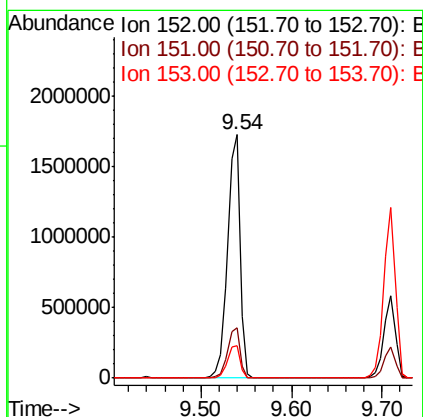
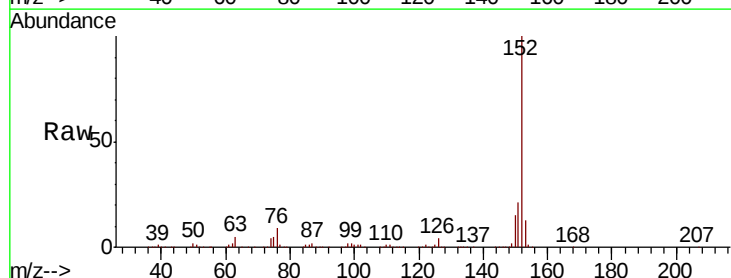
Instrument :
BNA_F
ClientSampleId :
BAT-B10MS

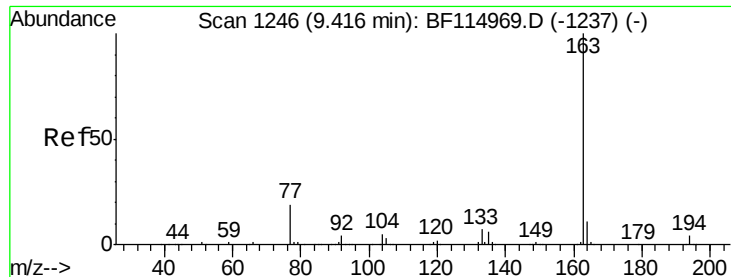
Tot Ion: 65 Resp: 293005
Ion Ratio Lower Upper
65 100
92 76.9 60.5 90.7
138 132.2 102.0 153.0



#49
Acenaphthylene
Concen: 34.009 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF115052.D
Acq: 14 Jun 2019 20:51

Tgt Ion: 152 Resp: 1638684
Ion Ratio Lower Upper
152 100
151 20.6 17.5 26.3
153 13.5 11.2 16.8

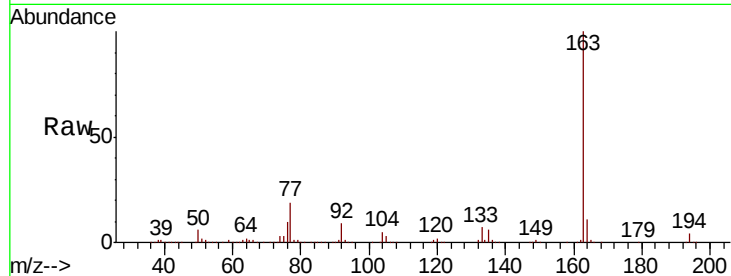




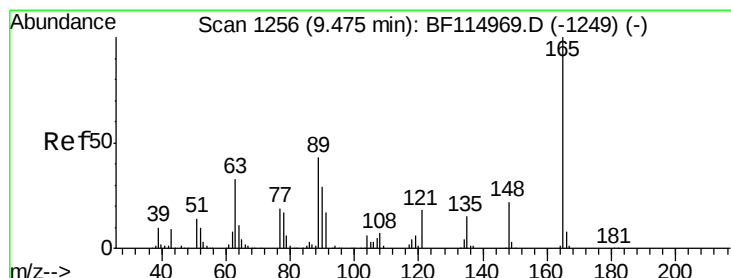
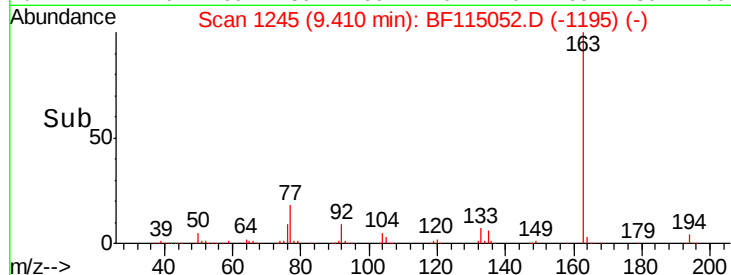
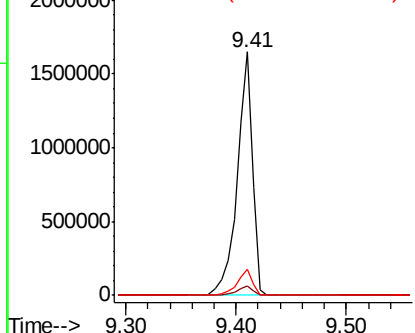
#50
Dimethylphthalate
Concen: 43.864 ng
RT: 9.41 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BF115052.D
Acq: 14 Jun 2019 20:51

Instrument :
BNA_F
ClientSampleId :
BAT-B10MS

Tot Ion:163 Resp: 1595331
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.6 8.6 12.8

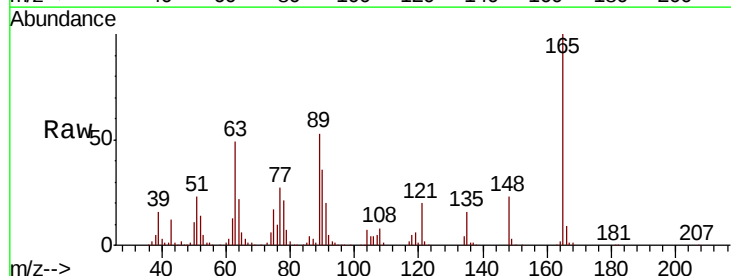


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

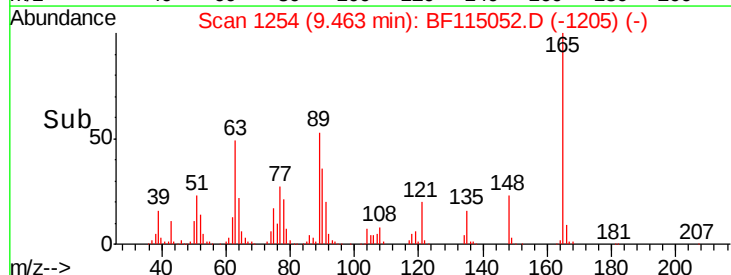
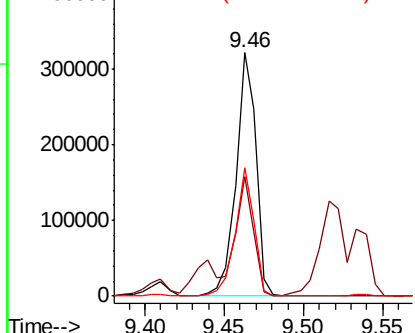


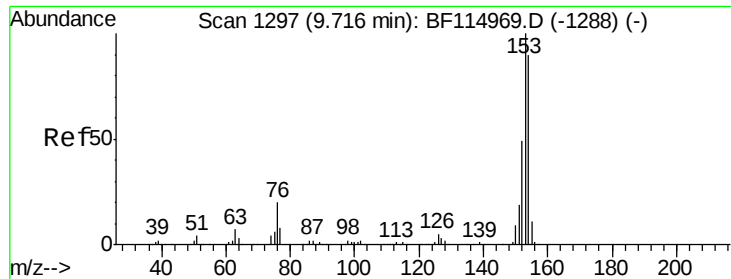
#51
2,6-Dinitrotoluene
Concen: 34.082 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF115052.D
Acq: 14 Jun 2019 20:51

Tgt Ion:165 Resp: 281173
Ion Ratio Lower Upper
165 100
63 48.9 30.6 46.0#
89 52.7 34.4 51.6#



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





#52

Acenaphthene

Concen: 34.285 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF115052.D

Acq: 14 Jun 2019 20:51

Instrument :

BNA_F

ClientSampleId :

BAT-B10MS

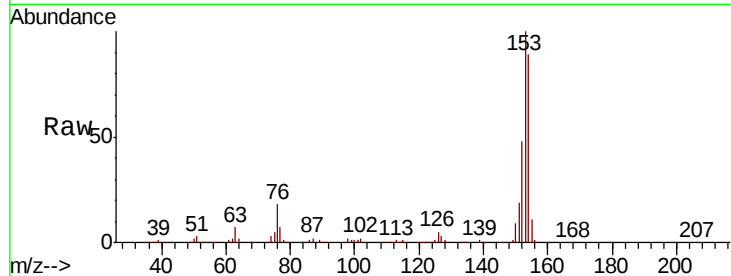
Tot Ion:154 Resp: 945121

Ion Ratio Lower Upper

154 100

153 112.7 88.5 132.7

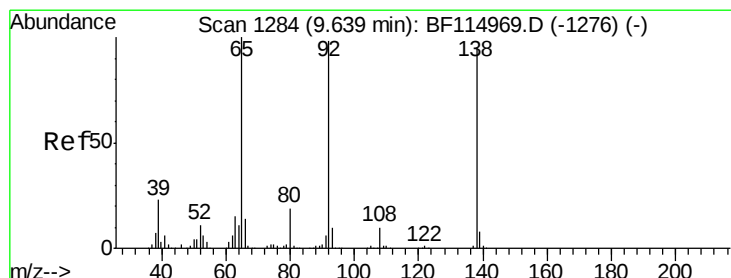
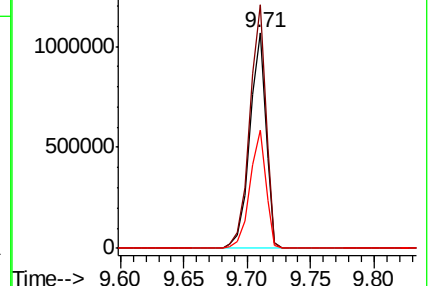
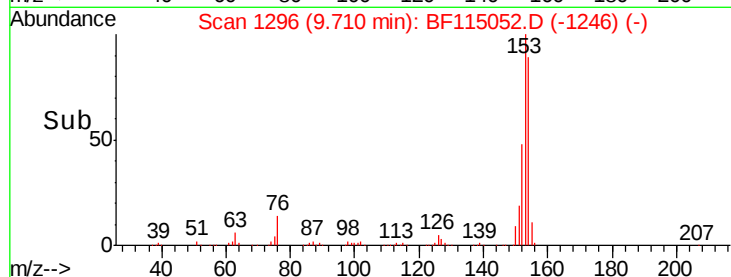
152 54.5 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 26.880 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF115052.D

Acq: 14 Jun 2019 20:51

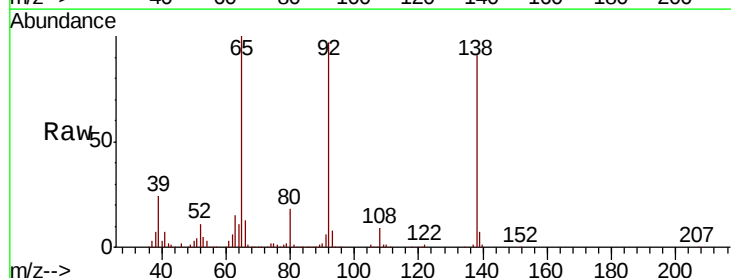
Tgt Ion:138 Resp: 271702

Ion Ratio Lower Upper

138 100

108 9.6 8.0 12.0

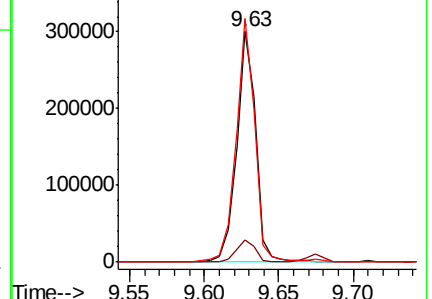
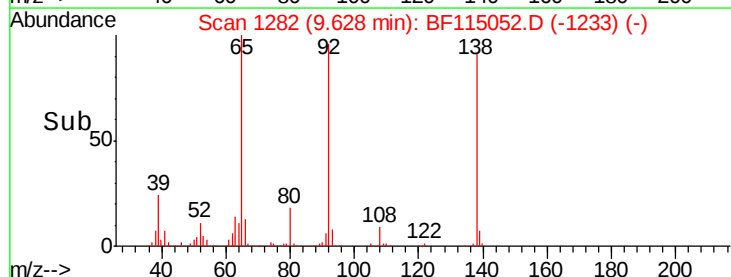
92 105.7 82.4 123.6

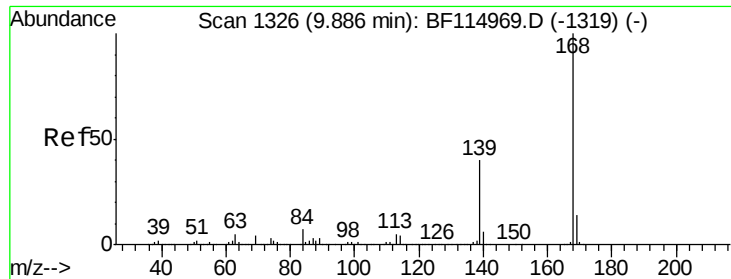


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

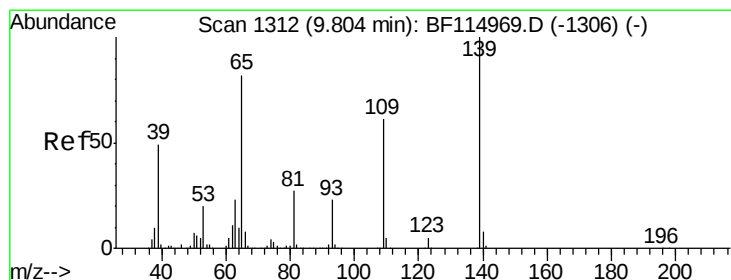
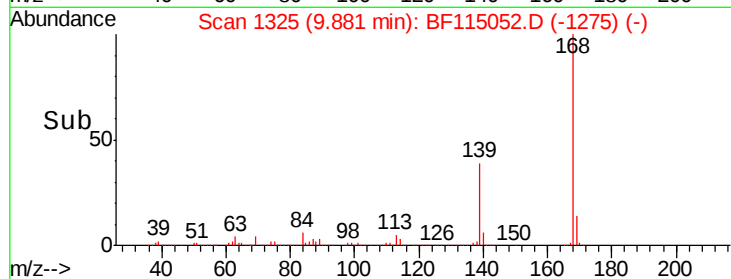
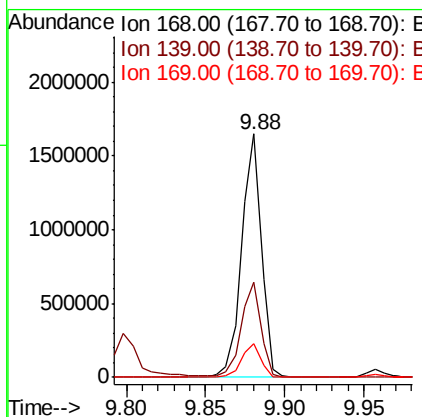
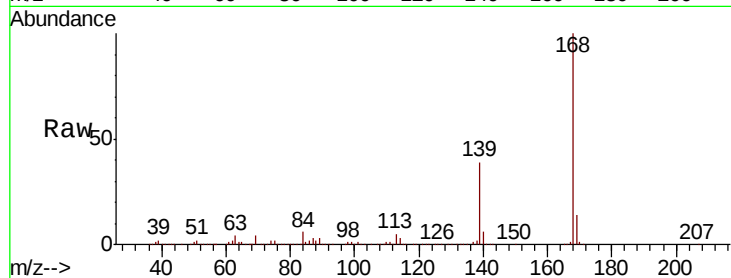




#55
Dibenzofuran
Concen: 34.161 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF115052.D
Acq: 14 Jun 2019 20:51

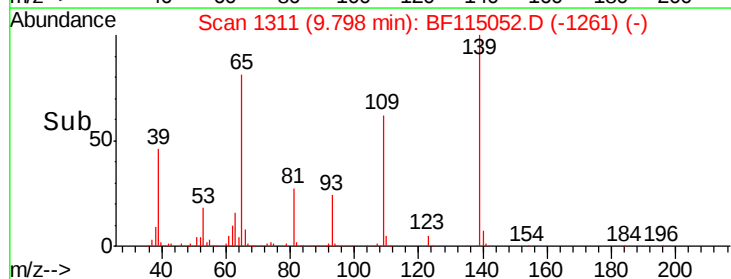
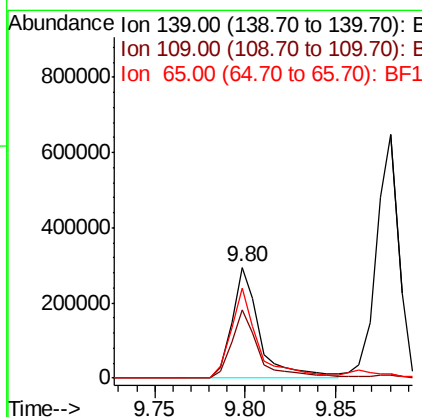
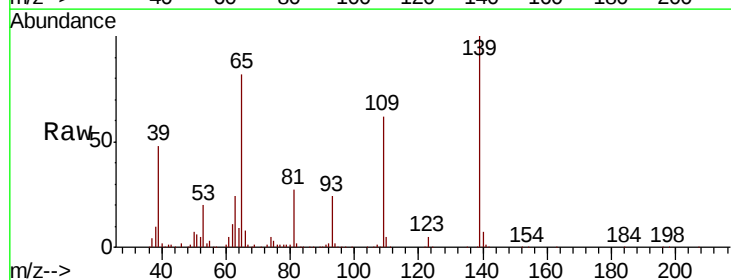
Instrument :
BNA_F
ClientSampleId :
BAT-B10MS

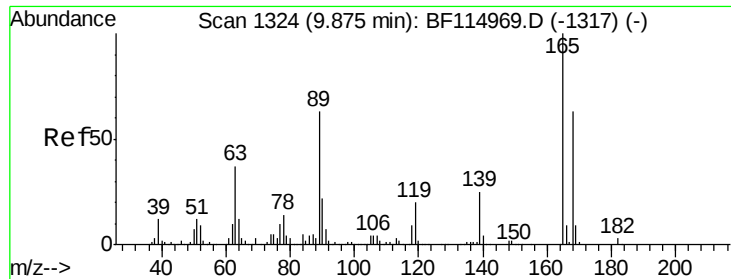
Tot Ion:168 Resp: 1419273
Ion Ratio Lower Upper
168 100
139 39.2 32.5 48.7
169 13.8 11.5 17.3



#56
4-Nitrophenol
Concen: 44.661 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF115052.D
Acq: 14 Jun 2019 20:51

Tgt Ion:139 Resp: 311308
Ion Ratio Lower Upper
139 100
109 61.9 41.4 81.4
65 81.5 62.7 102.7

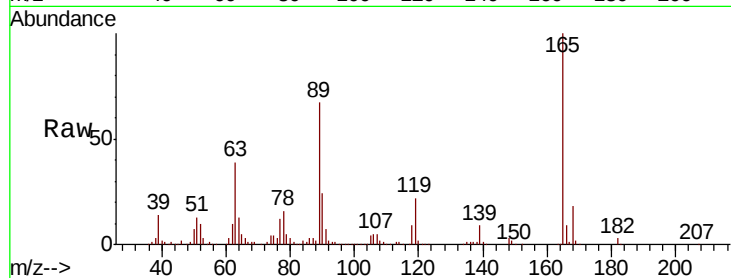




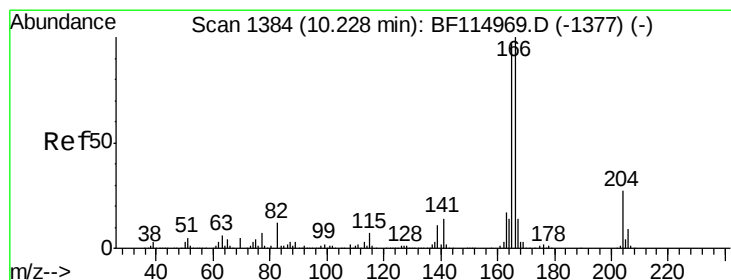
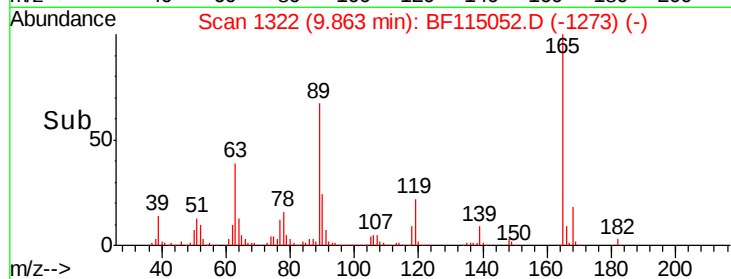
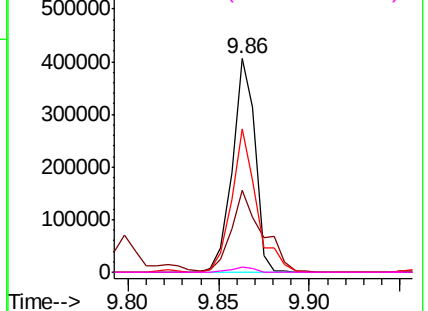
#57
 2,4-Dinitrotoluene
 Concen: 33.528 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF115052.D
 Acq: 14 Jun 2019 20:51

Instrument :
 BNA_F
 ClientSampleId :
 BAT-B10MS

Tot Ion:	165	Resp:	352059
Ion	Ratio	Lower	Upper
165	100		
63	38.6	29.4	44.2
89	67.3	50.6	75.8
182	2.6	2.2	3.2

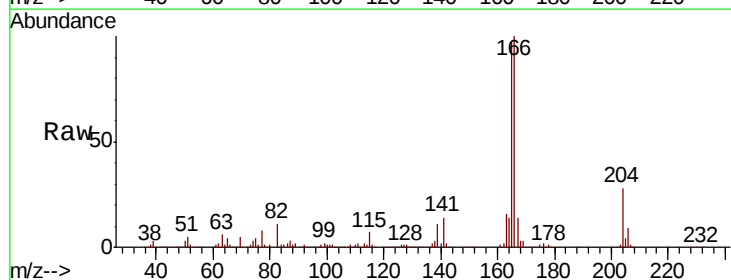


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

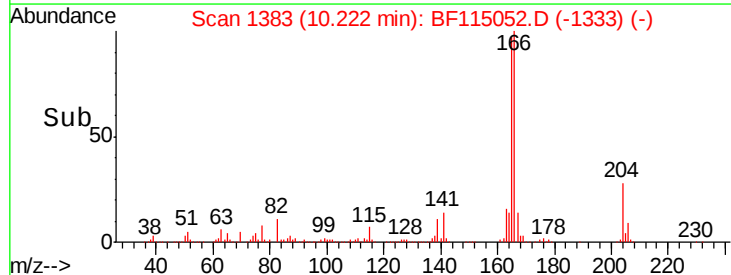
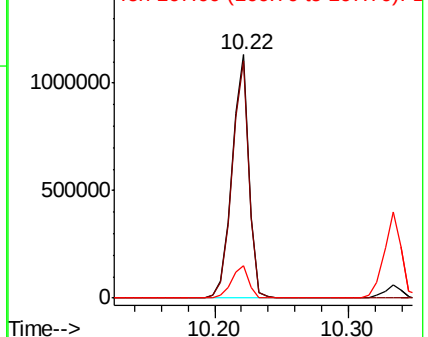


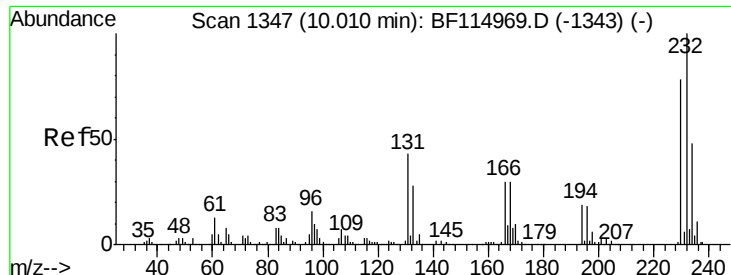
#58
 Fluorene
 Concen: 34.654 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. -0.01 min
 Lab File: BF115052.D
 Acq: 14 Jun 2019 20:51

Tgt Ion:	166	Resp:	1010949
Ion	Ratio	Lower	Upper
166	100		
165	97.2	77.6	116.4
167	13.6	11.0	16.4



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

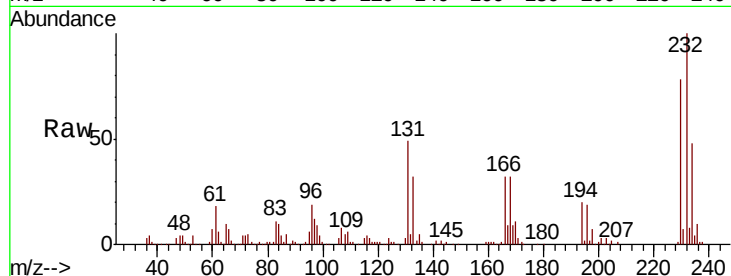




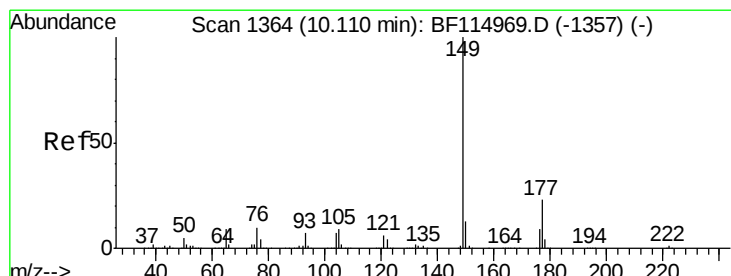
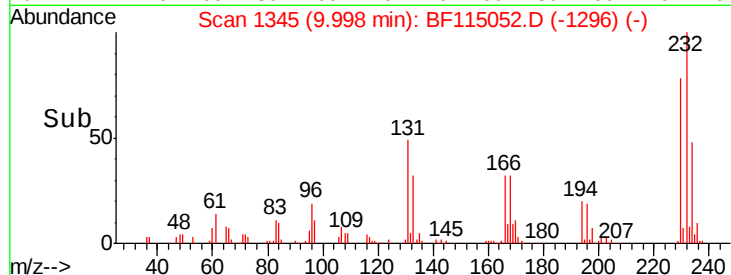
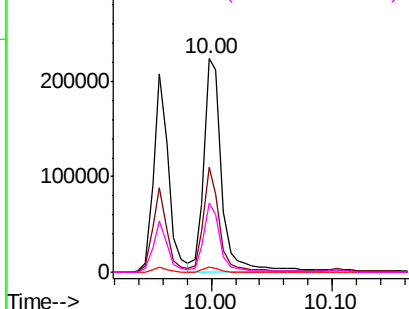
#59
2,3,4,6-Tetrachlorophenol
Concen: 26.236 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF115052.D
Acq: 14 Jun 2019 20:51

Instrument :
BNA_F
ClientSampleId :
BAT-B10MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.5	36.9	55.3
130	2.2	1.8	2.6
166	30.4	24.8	37.2

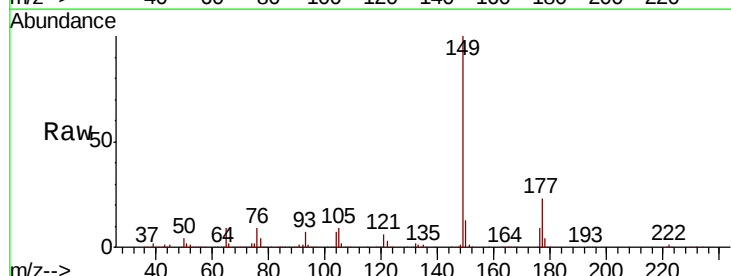


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

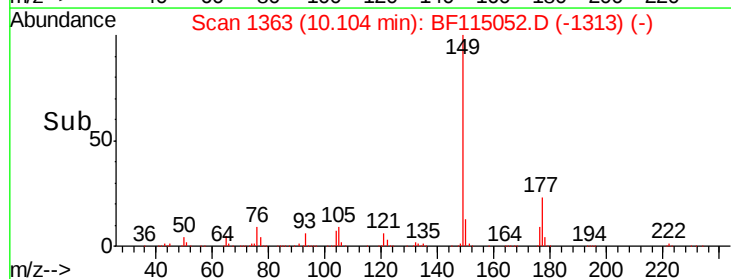
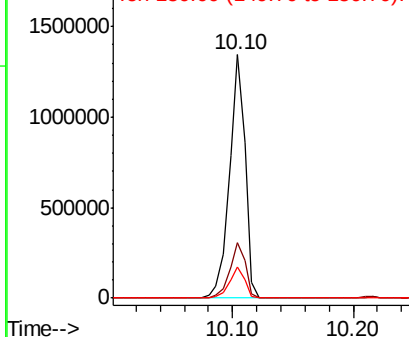


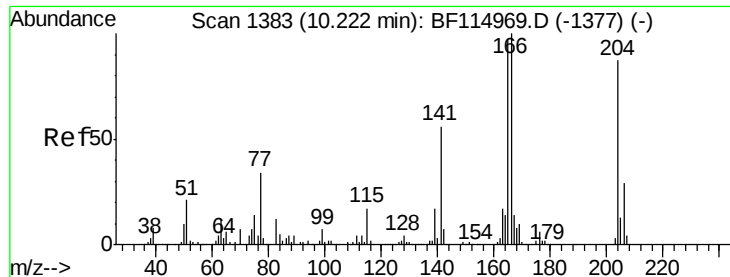
#60
Diethylphthalate
Concen: 34.666 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF115052.D
Acq: 14 Jun 2019 20:51

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.6	27.8
150	13.0	10.5	15.7



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

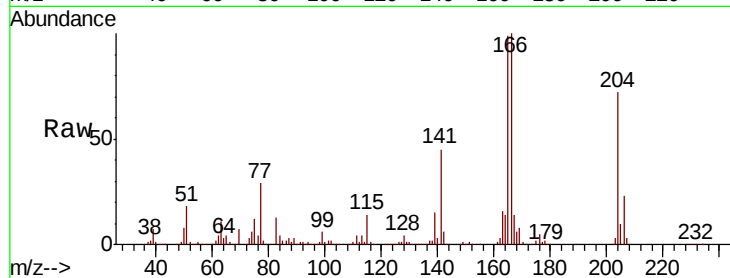




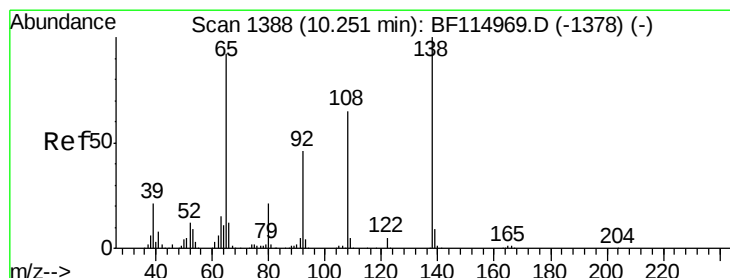
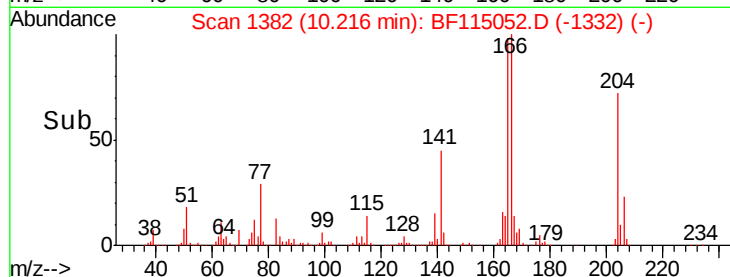
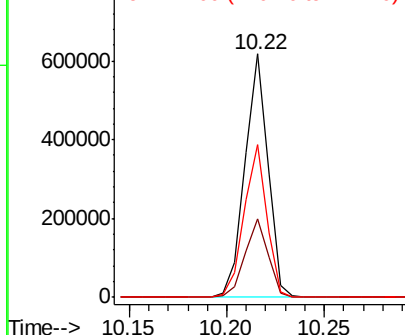
#61
4-Chlorophenyl-phenylether
Concen: 35.285 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BF115052.D
Acq: 14 Jun 2019 20:51

Instrument :
BNA_F
ClientSampleId :
BAT-B10MS

Tot Ion:204 Resp: 506811
Ion Ratio Lower Upper
204 100
206 32.1 26.5 39.7
141 62.7 51.8 77.8

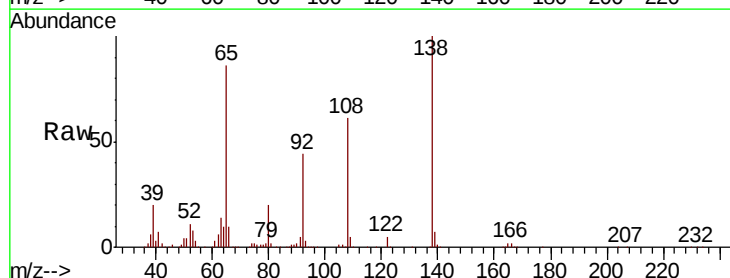


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

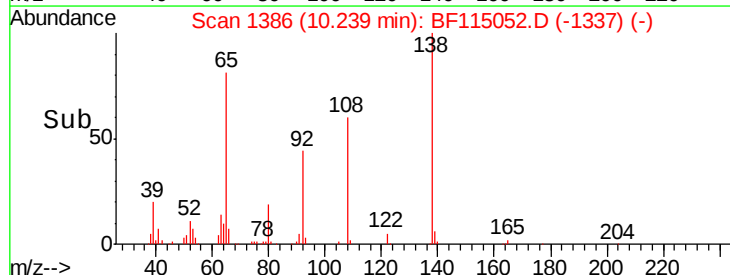
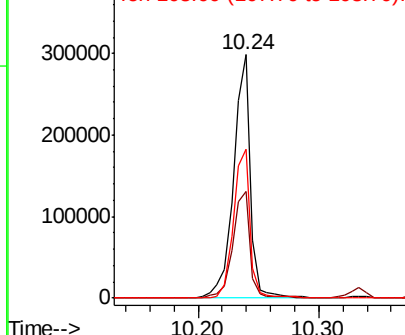


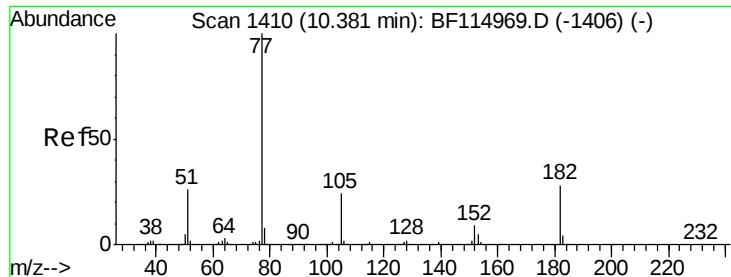
#62
4-Nitroaniline
Concen: 28.605 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BF115052.D
Acq: 14 Jun 2019 20:51

Tgt Ion:138 Resp: 290711
Ion Ratio Lower Upper
138 100
92 43.8 25.7 65.7
108 61.2 44.6 84.6



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

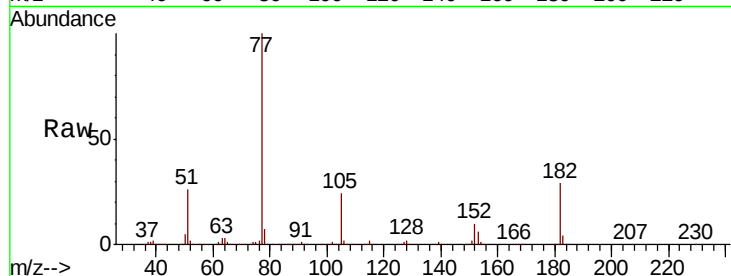




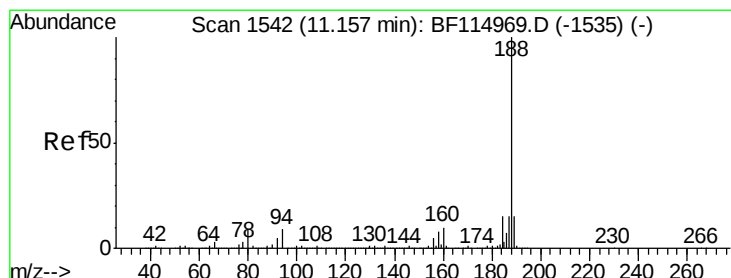
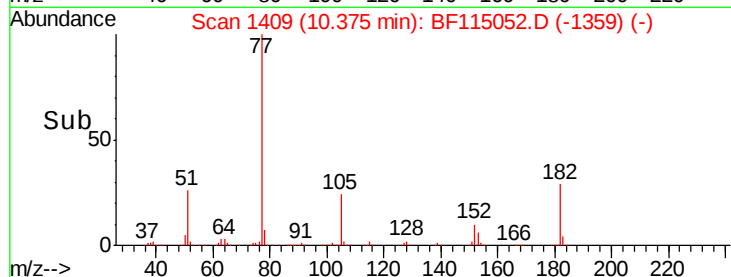
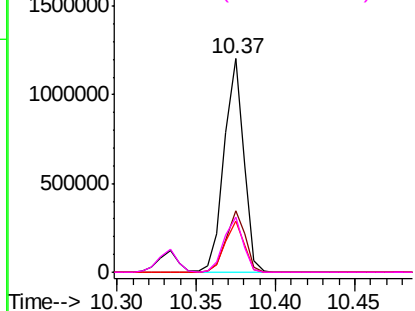
#63
Azobenzene
Concen: 33.946 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF115052.D
Acq: 14 Jun 2019 20:51

Instrument :
BNA_F
ClientSampleId :
BAT-B10MS

Tot Ion: 77 Resp: 1032730
Ion Ratio Lower Upper
77 100
182 28.5 7.4 47.4
105 23.8 4.2 44.2
51 25.6 6.2 46.2

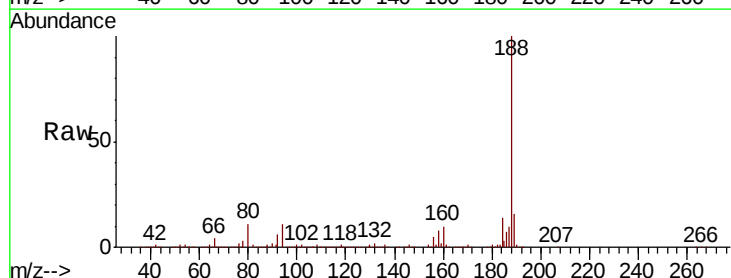


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

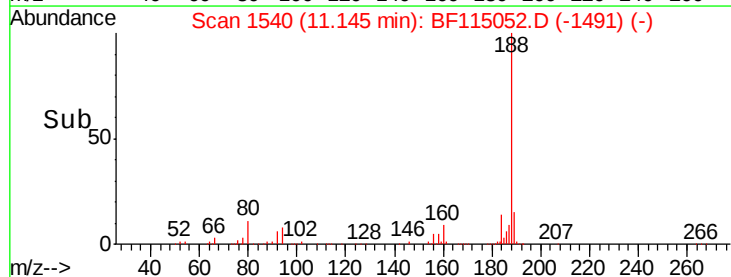
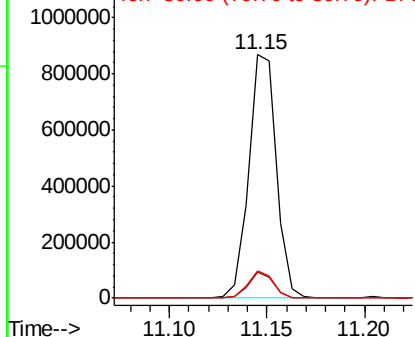


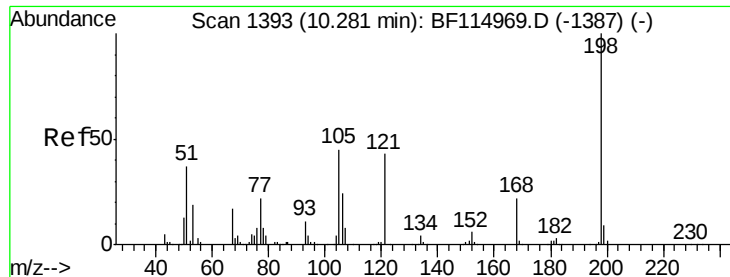
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF115052.D
Acq: 14 Jun 2019 20:51

Tgt Ion: 188 Resp: 848973
Ion Ratio Lower Upper
188 100
94 10.7 7.2 10.8
80 11.3 7.4 11.2#



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: 8.625 ng

RT: 10.27 min Scan# 1392

Delta R.T. -0.01 min

Lab File: BF115052.D

Acq: 14 Jun 2019 20:51

Instrument :

BNA_F

ClientSampleId :

BAT-B10MS

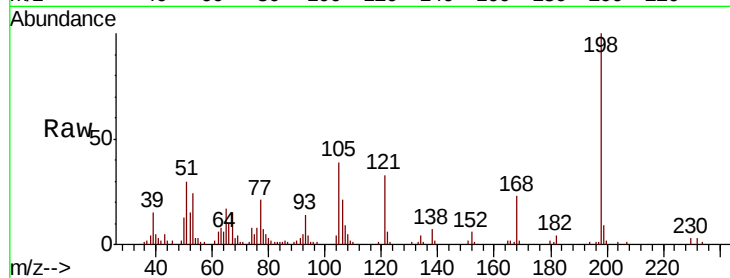
Tot Ion:198 Resp: 41042

Ion Ratio Lower Upper

198 100

51 29.5 23.0 63.0

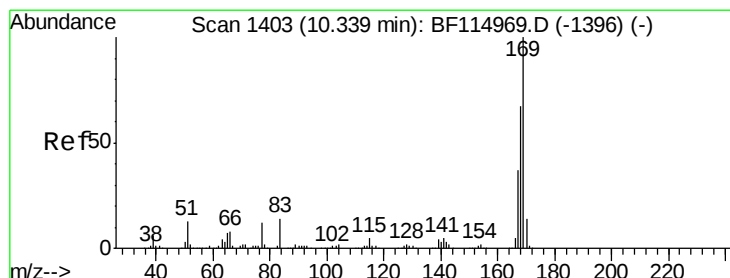
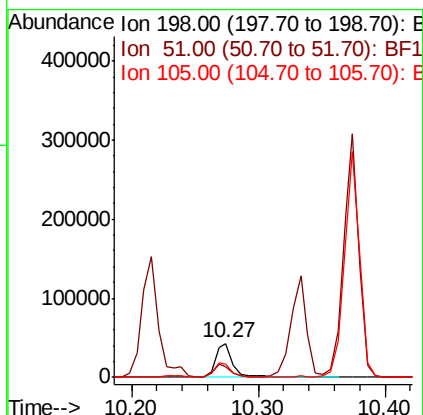
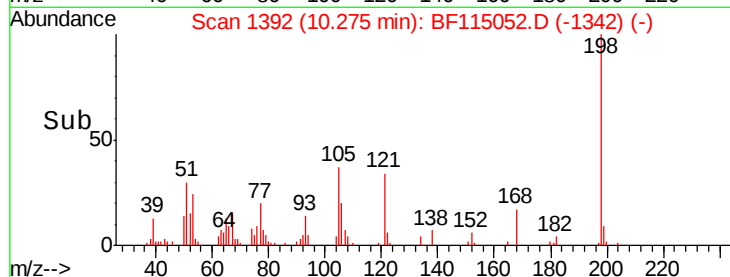
105 38.6 26.5 66.5



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: 38.127 ng

RT: 10.33 min Scan# 1402

Delta R.T. -0.01 min

Lab File: BF115052.D

Acq: 14 Jun 2019 20:51

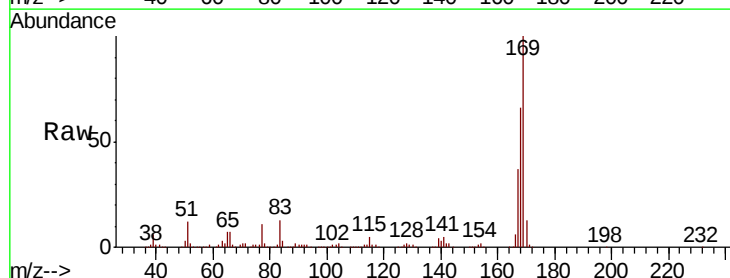
Tgt Ion:169 Resp: 967546

Ion Ratio Lower Upper

169 100

168 66.2 53.6 80.4

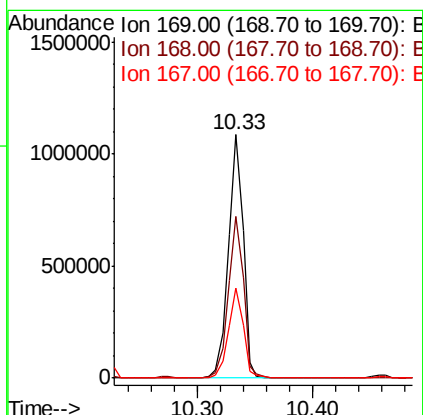
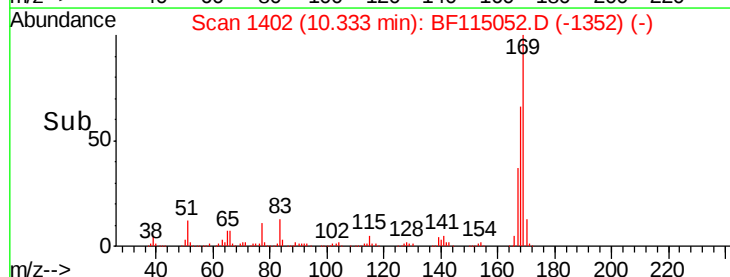
167 36.9 29.6 44.4

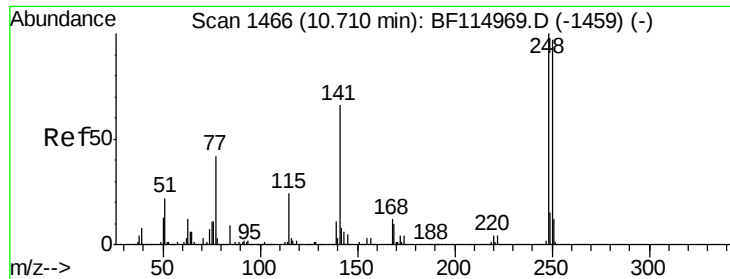


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

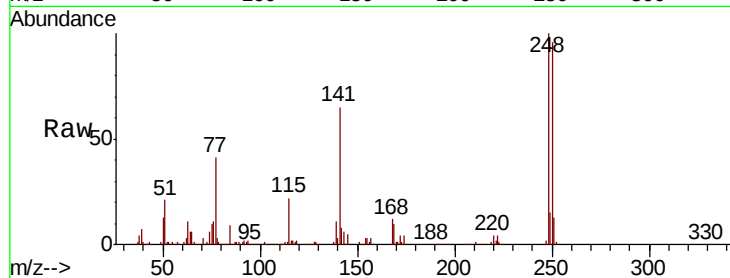




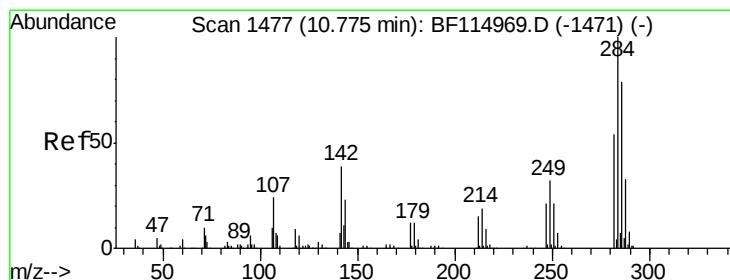
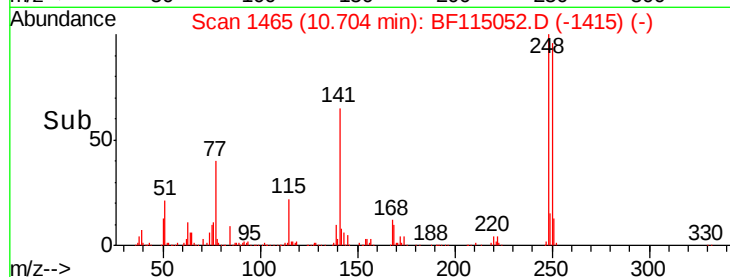
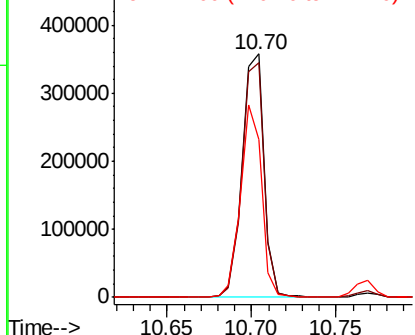
#67
4-Bromophenyl-phenylether
Concen: 35.730 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF115052.D
Acq: 14 Jun 2019 20:51

Instrument :
BNA_F
ClientSampleId :
BAT-B10MS

Tot Ion:248 Resp: 325700
Ion Ratio Lower Upper
248 100
250 96.3 77.8 116.8
141 64.7 53.1 79.7

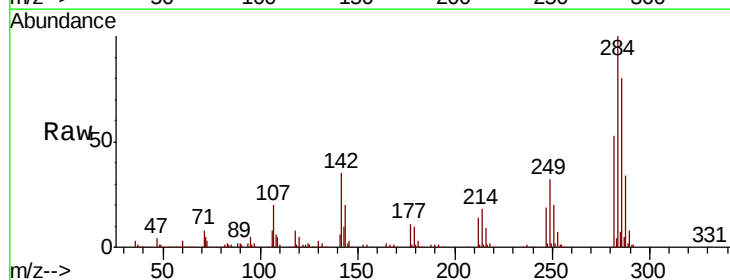


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

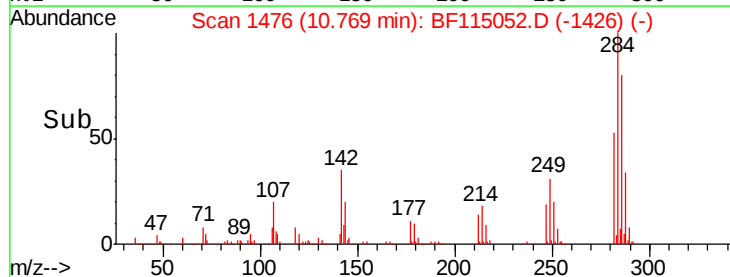
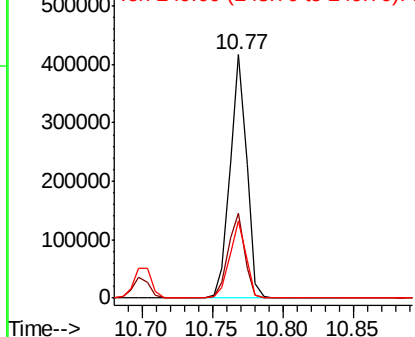


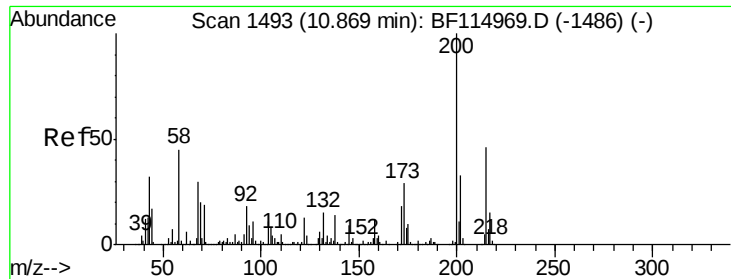
#68
Hexachlorobenzene
Concen: 33.994 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BF115052.D
Acq: 14 Jun 2019 20:51

Tgt Ion:284 Resp: 341147
Ion Ratio Lower Upper
284 100
142 34.8 31.5 47.3
249 31.5 25.6 38.4



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

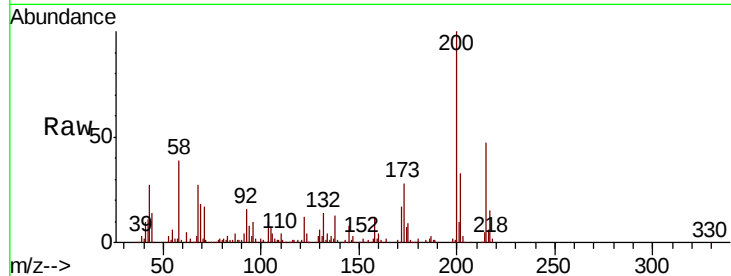




#69
Atrazine
Concen: 37.823 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF115052.D
Acq: 14 Jun 2019 20:51

Instrument :
BNA_F
ClientSampleId :
BAT-B10MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.8	9.0	49.0
215	47.2	26.5	66.5

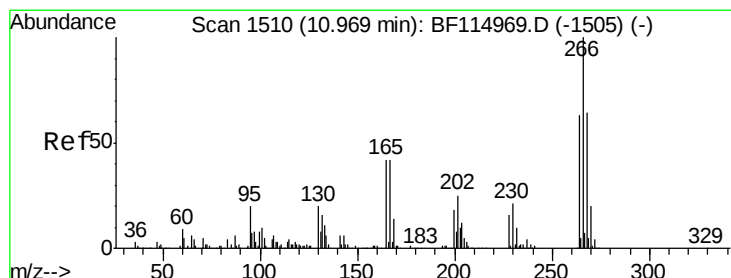
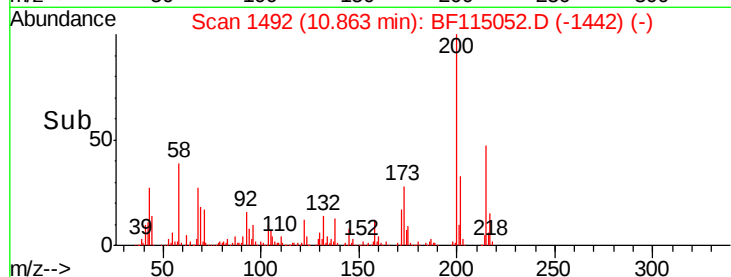
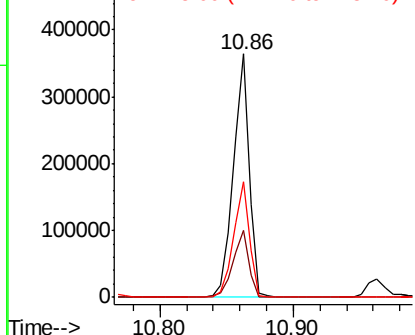


Abundance

Ion 200.00 (199.70 to 200.70): E

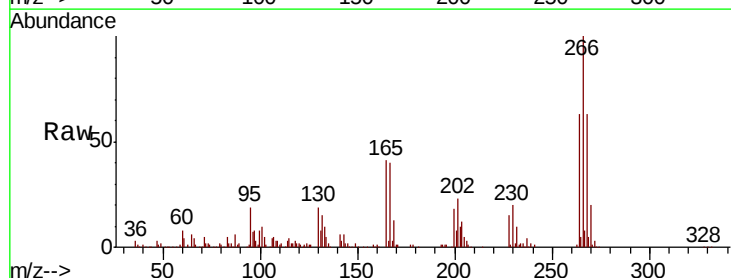
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 31.099 ng
RT: 10.96 min Scan# 1509
Delta R.T. -0.01 min
Lab File: BF115052.D
Acq: 14 Jun 2019 20:51

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.4	51.4	77.2
264	62.9	50.3	75.5

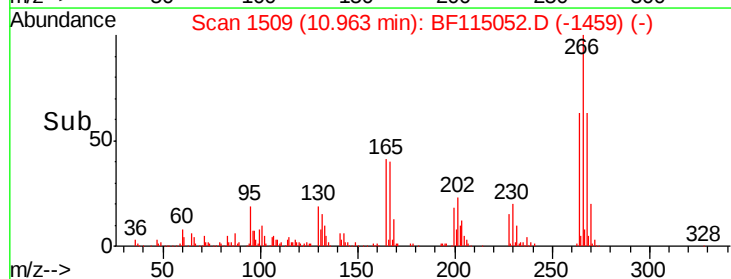
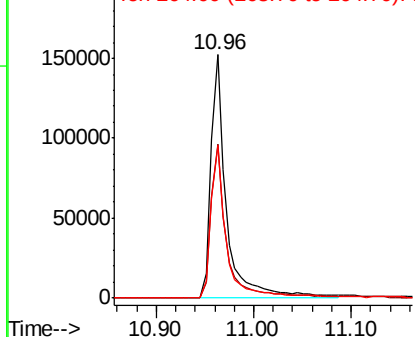


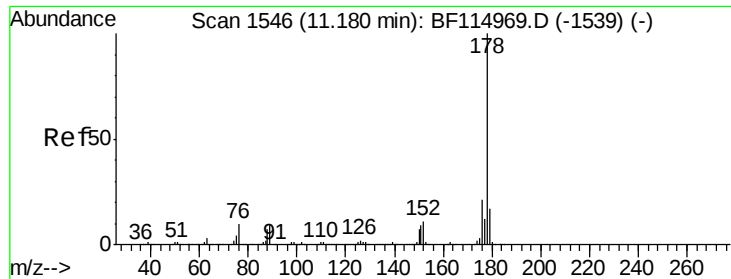
Abundance

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

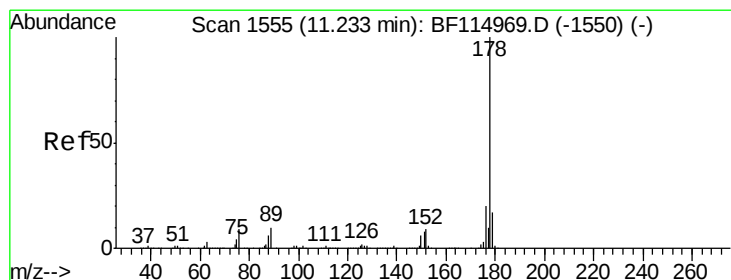
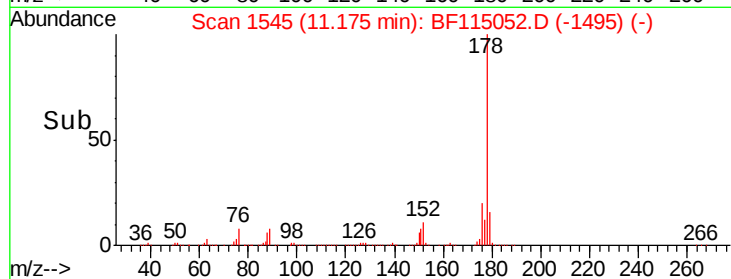
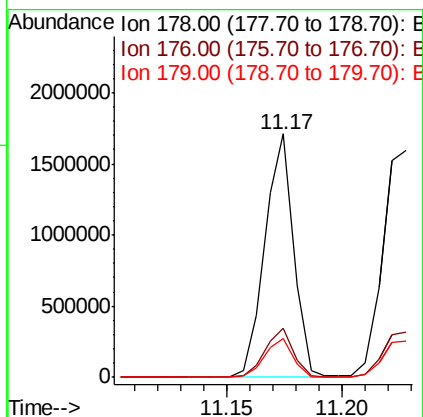
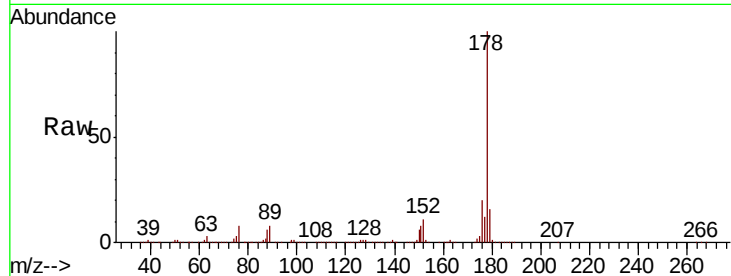




#71
Phenanthrene
Concen: 33.863 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF115052.D
Acq: 14 Jun 2019 20:51

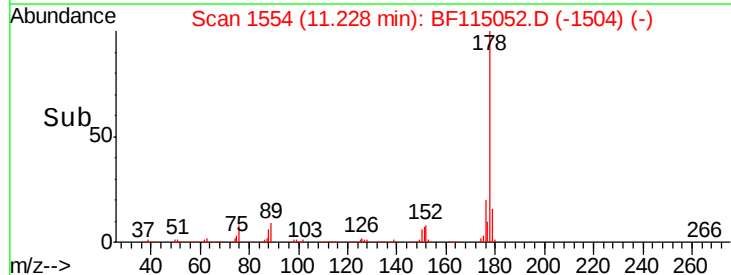
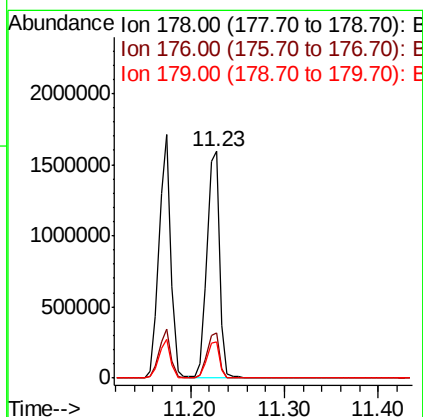
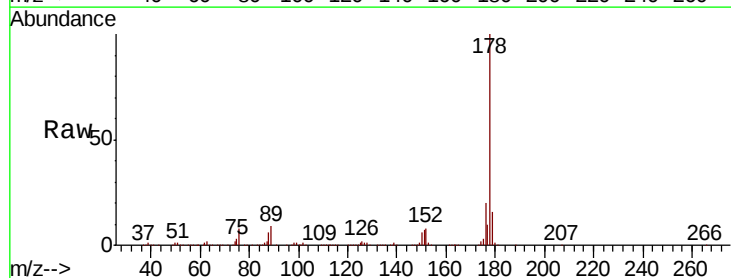
Instrument :
BNA_F
ClientSampleId :
BAT-B10MS

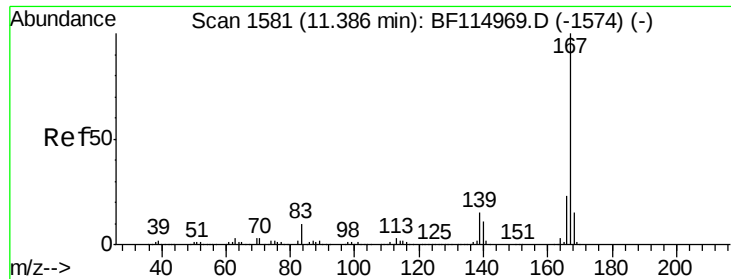
Tot Ion:178 Resp: 1484342
Ion Ratio Lower Upper
178 100
176 20.1 16.9 25.3
179 15.9 13.4 20.0



#72
Anthracene
Concen: 34.565 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF115052.D
Acq: 14 Jun 2019 20:51

Tgt Ion:178 Resp: 1528488
Ion Ratio Lower Upper
178 100
176 20.1 16.2 24.4
179 16.0 13.2 19.8





#73

Carbazole

Concen: 34.668 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BF115052.D

Acq: 14 Jun 2019 20:51

Instrument :

BNA_F

ClientSampleId :

BAT-B10MS

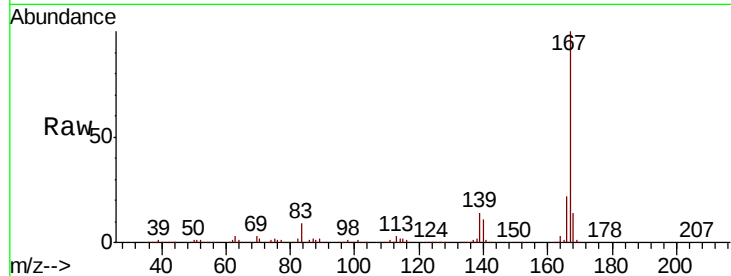
Tot Ion:167 Resp: 1338081

Ion Ratio Lower Upper

167 100

166 22.1 18.5 27.7

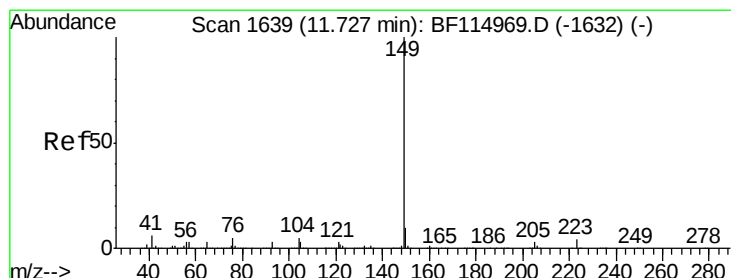
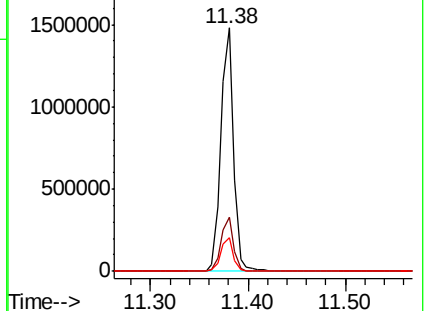
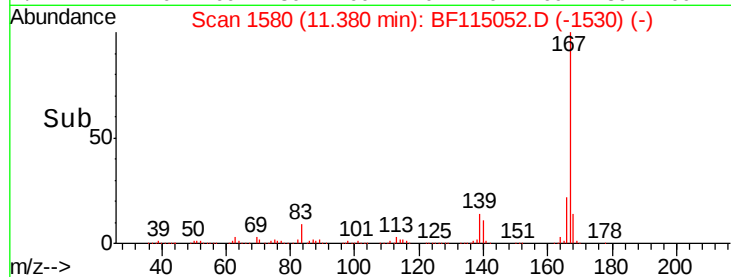
139 13.9 12.0 18.0



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: 36.080 ng

RT: 11.72 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BF115052.D

Acq: 14 Jun 2019 20:51

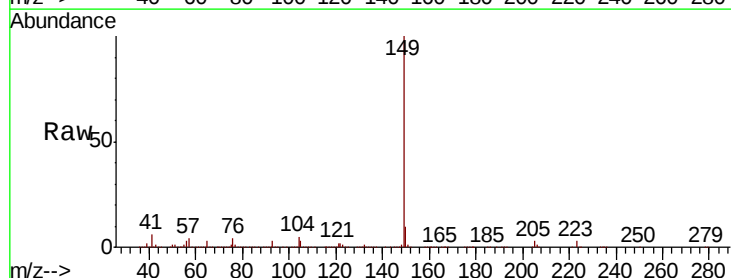
Tgt Ion:149 Resp: 1755639

Ion Ratio Lower Upper

149 100

150 9.9 8.1 12.1

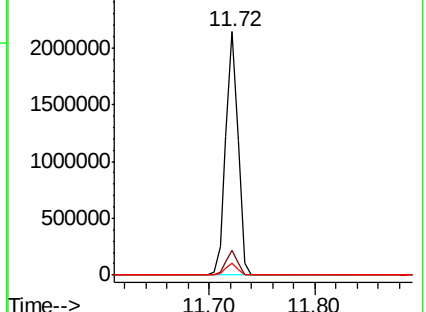
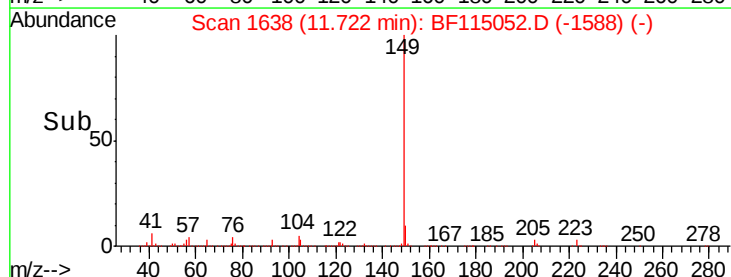
104 4.8 4.0 6.0

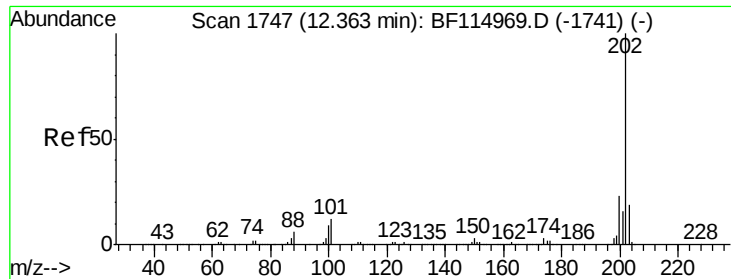


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 31.431 ng

RT: 12.35 min Scan# 1745

Delta R.T. -0.01 min

Lab File: BF115052.D

Acq: 14 Jun 2019 20:51

Instrument :

BNA_F

ClientSampleId :

BAT-B10MS

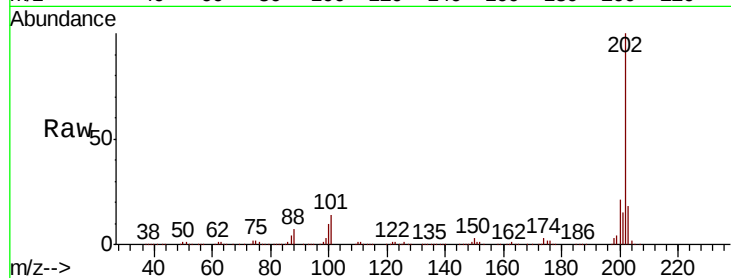
Tot Ion:202 Resp: 1408812

Ion Ratio Lower Upper

202 100

101 13.6 0.0 32.4

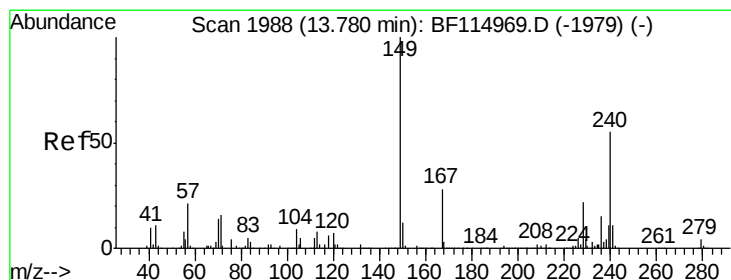
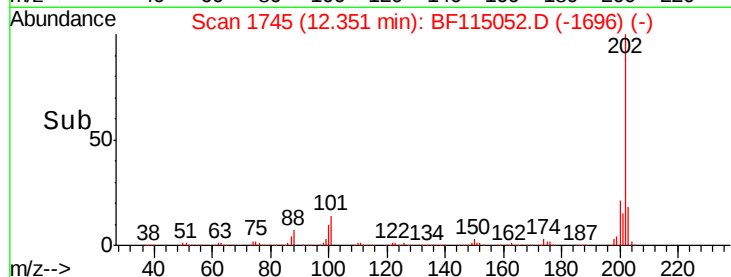
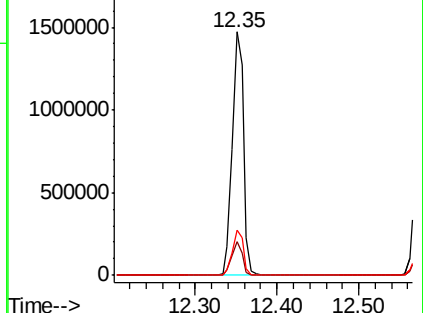
203 18.4 0.0 38.6



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: 13.77 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BF115052.D

Acq: 14 Jun 2019 20:51

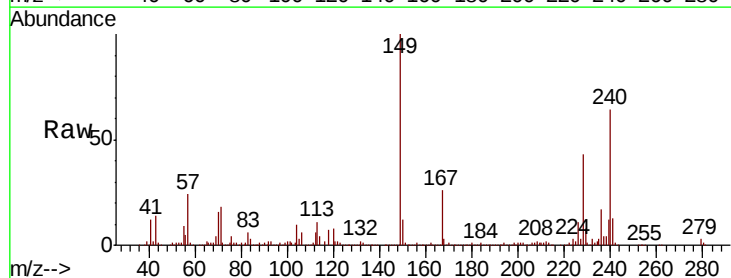
Tgt Ion:240 Resp: 513024

Ion Ratio Lower Upper

240 100

120 13.0 10.0 15.0

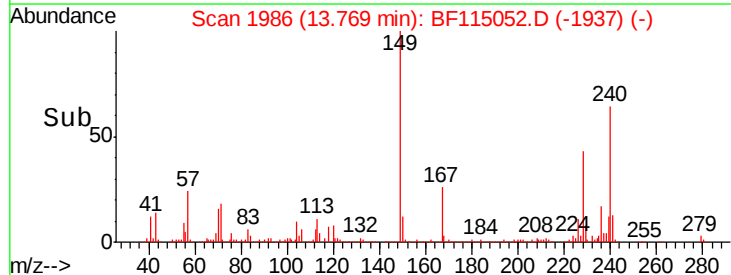
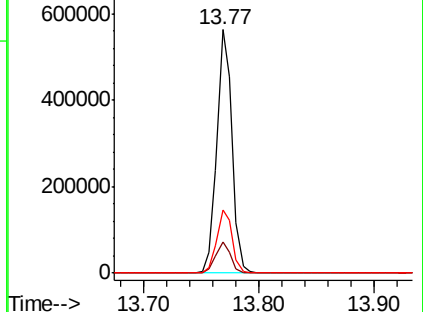
236 26.2 21.6 32.4

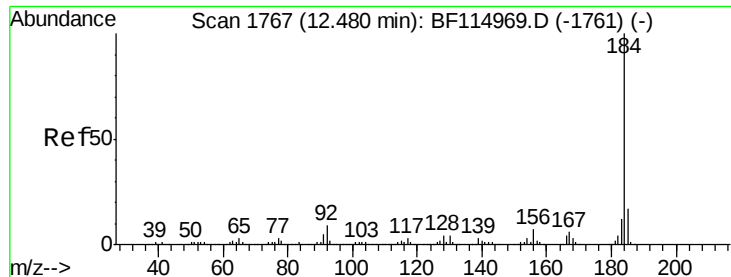


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 10.727 ng

RT: 12.47 min Scan# 1766

Delta R.T. -0.01 min

Lab File: BF115052.D

Acq: 14 Jun 2019 20:51

Instrument :

BNA_F

ClientSampleId :

BAT-B10MS

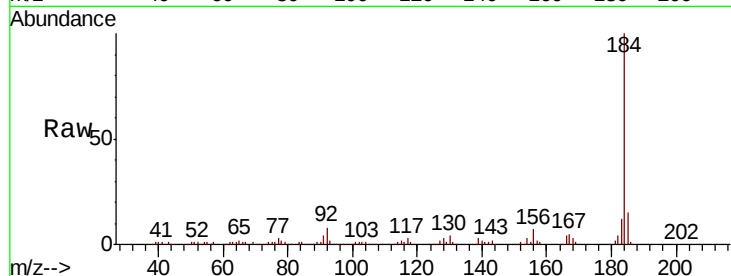
Tot Ion:184 Resp: 222597

Ion	Ratio	Lower	Upper
184	100		
185	15.5	13.4	20.0
183	11.9	9.8	14.6

184 100

185 15.5 13.4 20.0

183 11.9 9.8 14.6

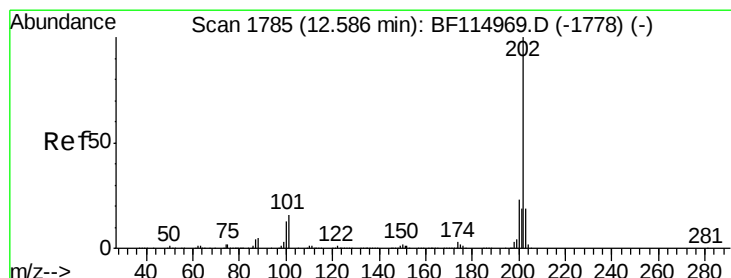
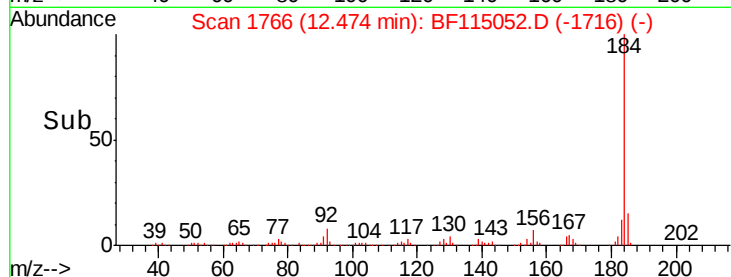
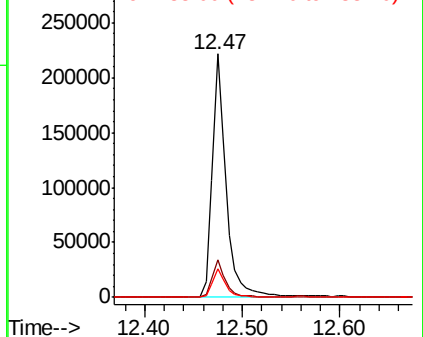


Abundance

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: 30.094 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF115052.D

Acq: 14 Jun 2019 20:51

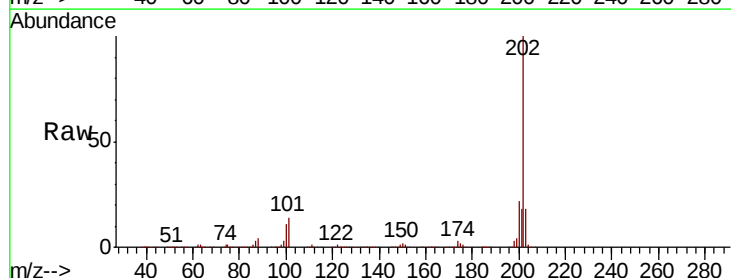
Tgt Ion:202 Resp: 1406467

Ion	Ratio	Lower	Upper
202	100		
200	21.9	18.4	27.6
203	17.6	14.9	22.3

202 100

200 21.9 18.4 27.6

203 17.6 14.9 22.3

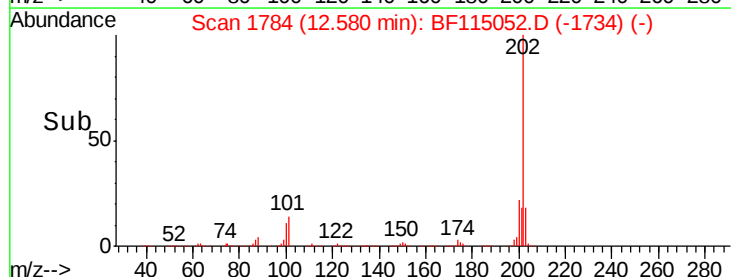
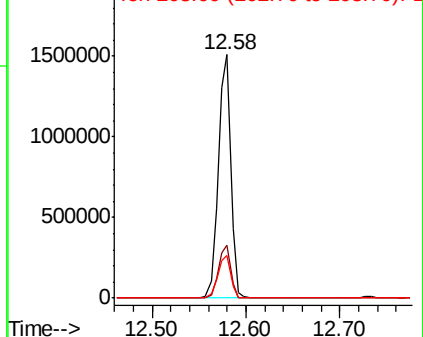


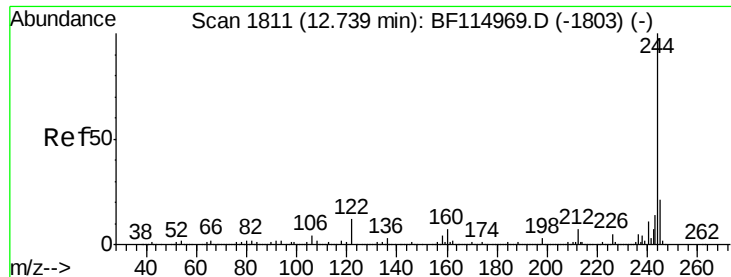
Abundance

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: 82.038 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF115052.D

Acq: 14 Jun 2019 20:51

Instrument :

BNA_F

ClientSampled :

BAT-B10MS

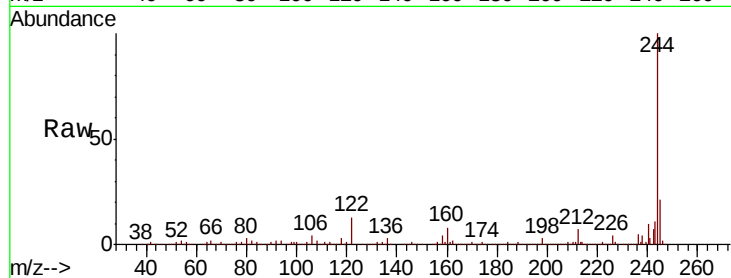
Tot Ion:244 Resp: 2237661

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

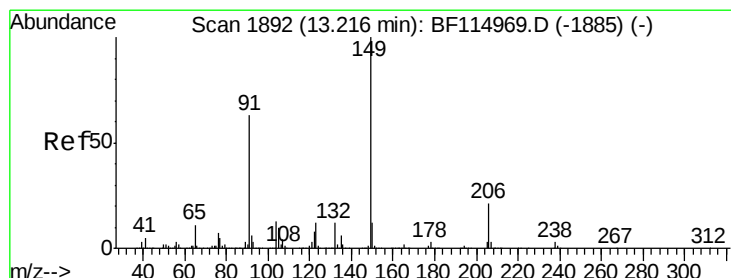
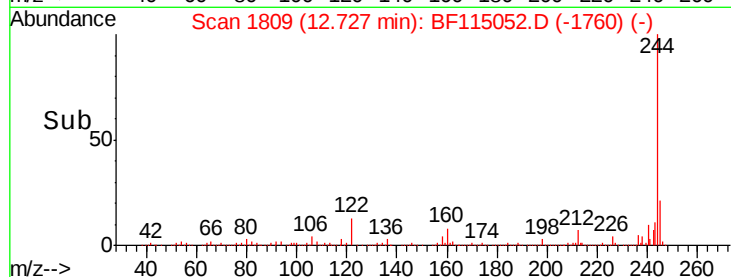
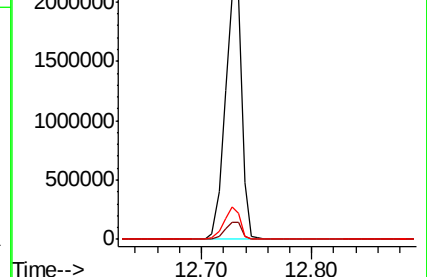
122 13.1 9.4 14.0



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: 30.984 ng

RT: 13.20 min Scan# 1890

Delta R.T. -0.01 min

Lab File: BF115052.D

Acq: 14 Jun 2019 20:51

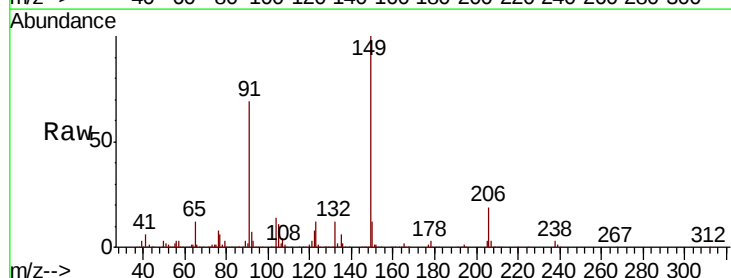
Tgt Ion:149 Resp: 676351

Ion Ratio Lower Upper

149 100

91 68.6 50.6 76.0

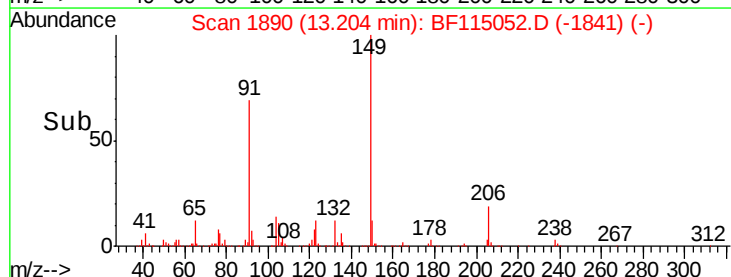
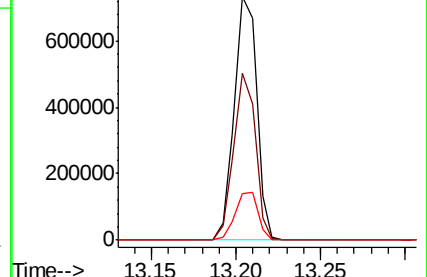
206 19.0 16.7 25.1

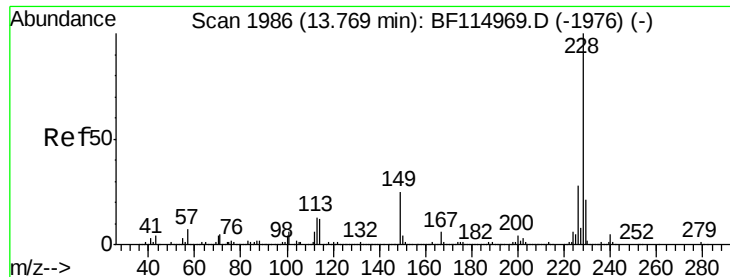


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 31.761 ng

RT: 13.76 min Scan# 1984

Delta R.T. -0.01 min

Lab File: BF115052.D

Acq: 14 Jun 2019 20:51

Instrument :

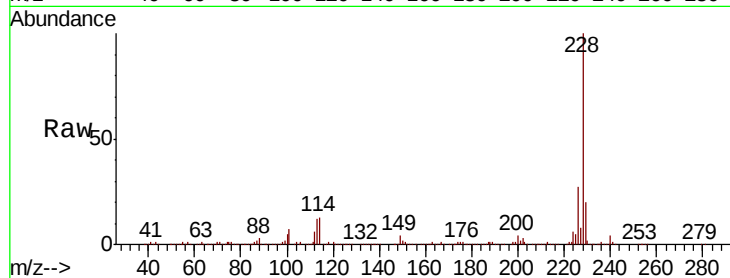
BNA_F

ClientSampleId :

BAT-B10MS

Tot Ion:228 Resp: 1219315

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.0	33.0
229	20.1	16.6	25.0

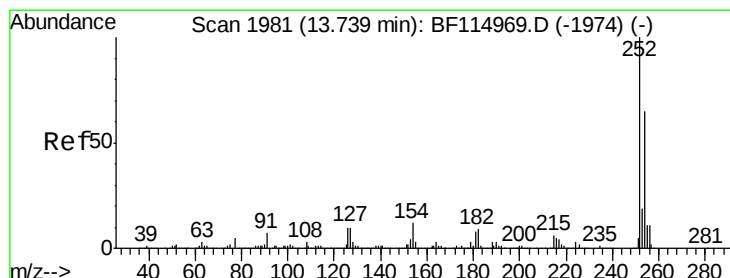
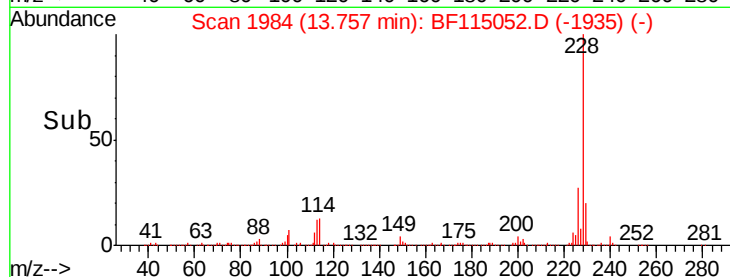
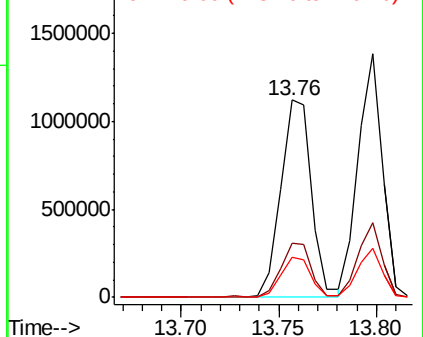


Abundance

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: 27.142 ng

RT: 13.73 min Scan# 1979

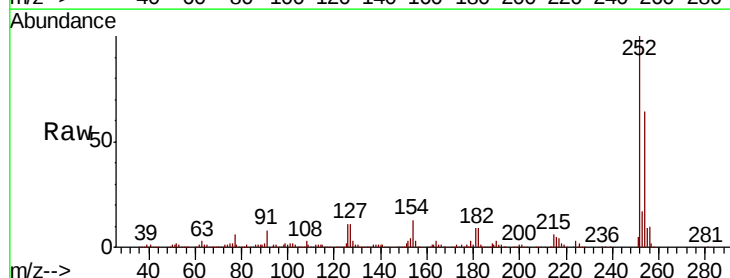
Delta R.T. -0.01 min

Lab File: BF115052.D

Acq: 14 Jun 2019 20:51

Tgt Ion:252 Resp: 399482

Ion	Ratio	Lower	Upper
252	100		
254	64.1	52.2	78.4
126	11.5	8.0	12.0

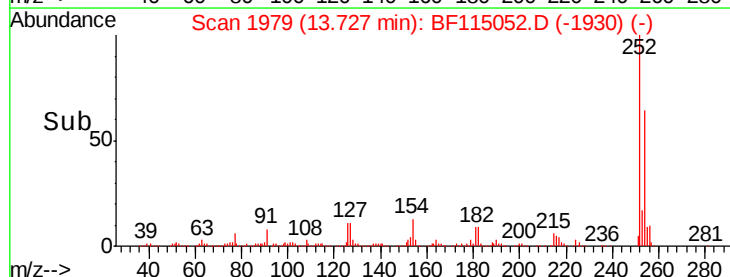
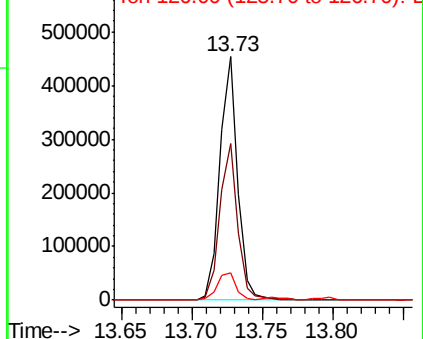


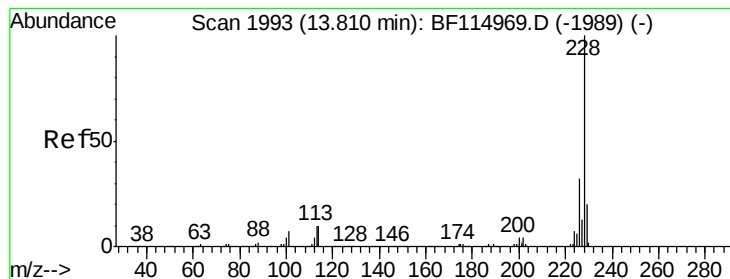
Abundance

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: 31.740 ng

RT: 13.80 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BF115052.D

Acq: 14 Jun 2019 20:51

Instrument :

BNA_F

ClientSampleId :

BAT-B10MS

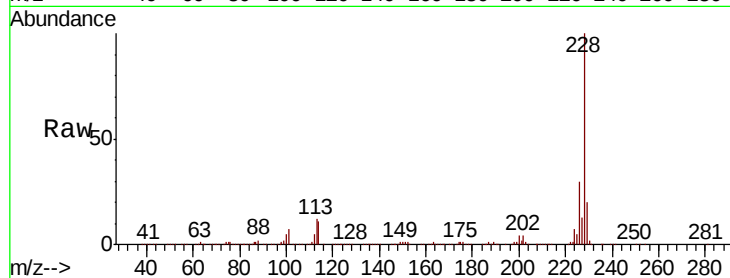
Tot Ion:228 Resp: 1211716

Ion Ratio Lower Upper

228 100

226 30.4 25.4 38.0

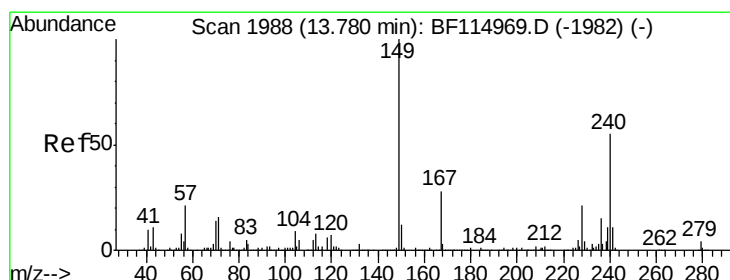
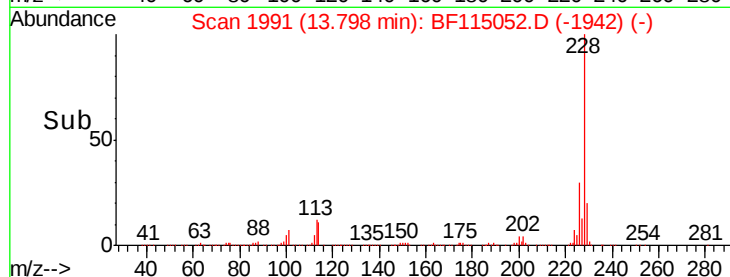
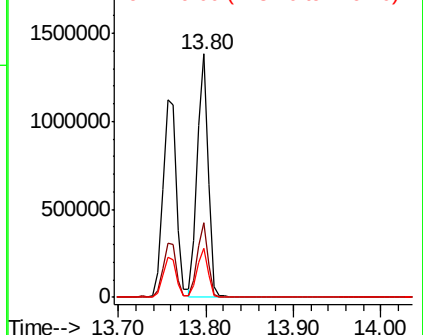
229 20.1 16.4 24.6



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 35.301 ng

RT: 13.77 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BF115052.D

Acq: 14 Jun 2019 20:51

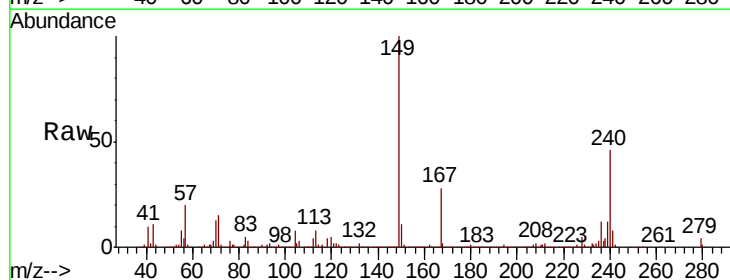
Tgt Ion:149 Resp: 910746

Ion Ratio Lower Upper

149 100

167 27.8 22.2 33.4

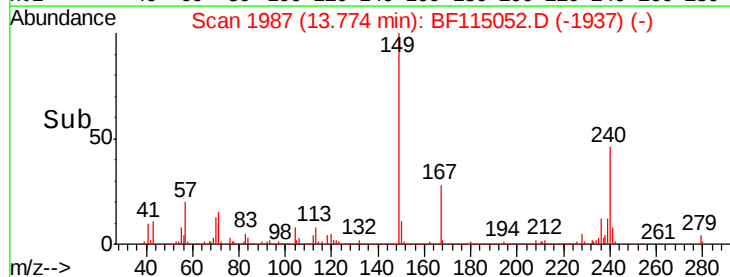
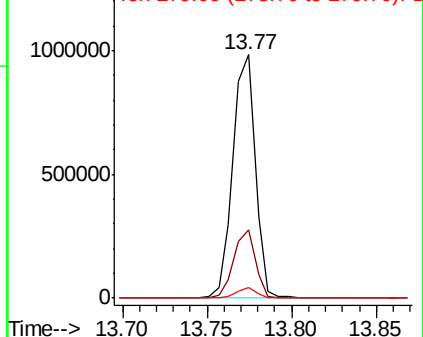
279 4.3 3.4 5.0

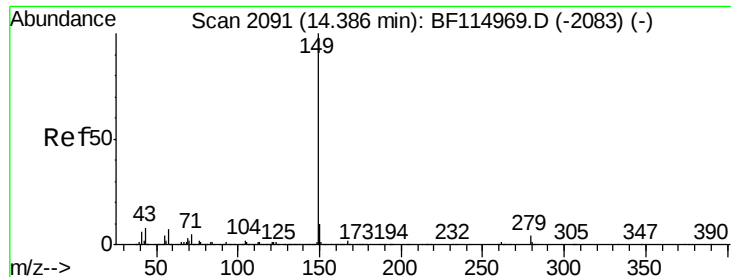


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 34.954 ng

RT: 14.38 min Scan# 2090

Delta R.T. -0.01 min

Lab File: BF115052.D

Acq: 14 Jun 2019 20:51

Instrument :

BNA_F

ClientSampleId :

BAT-B10MS

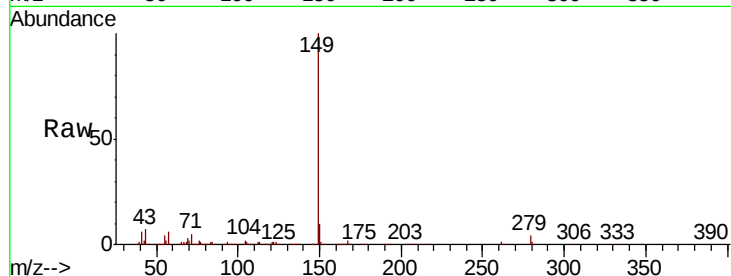
Tot Ion:149 Resp: 1552928

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

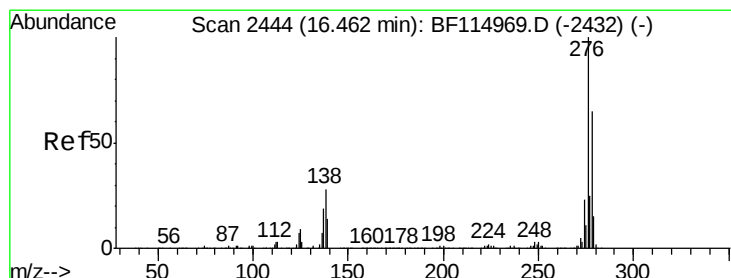
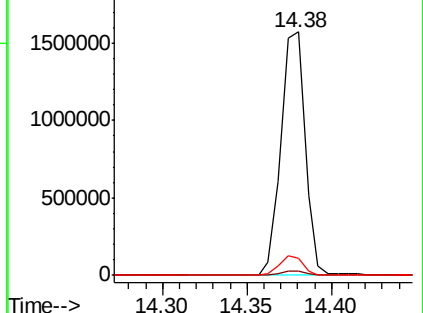
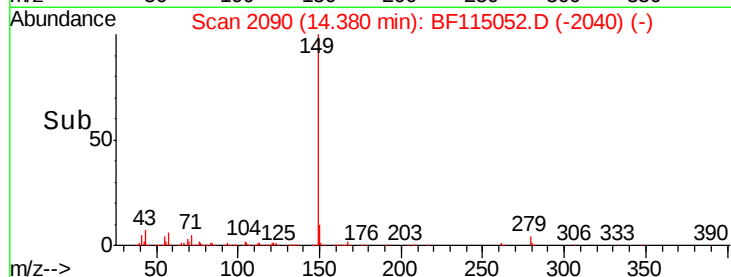
43 7.8 6.5 9.7



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: 31.205 ng

RT: 16.44 min Scan# 2441

Delta R.T. -0.02 min

Lab File: BF115052.D

Acq: 14 Jun 2019 20:51

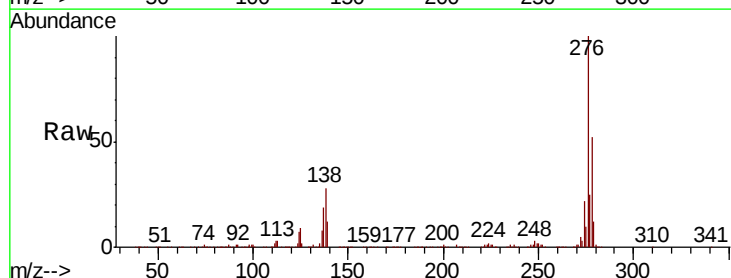
Tgt Ion:276 Resp: 1046440

Ion Ratio Lower Upper

276 100

138 29.3 23.0 34.4

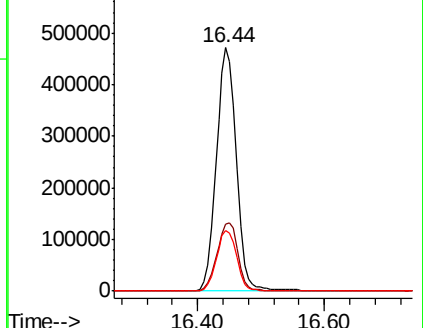
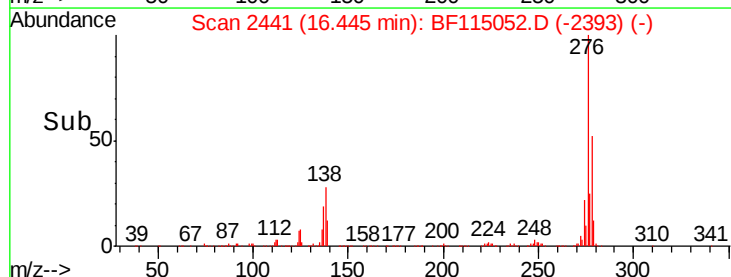
277 25.4 20.6 30.8

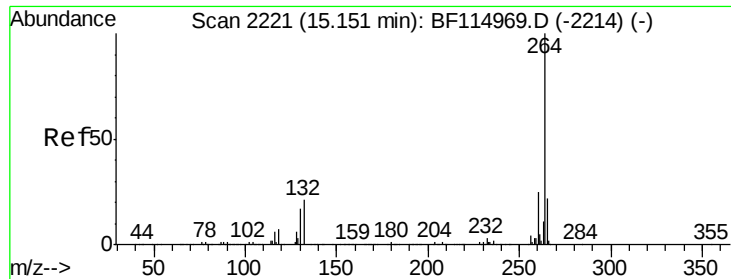


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

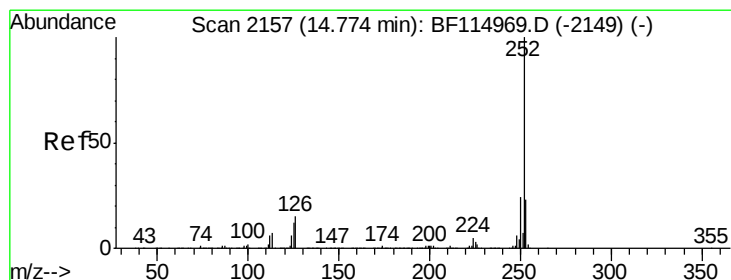
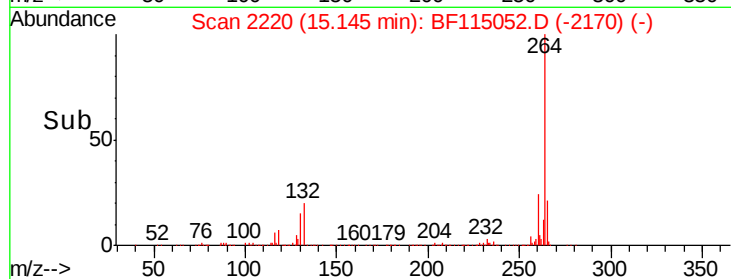
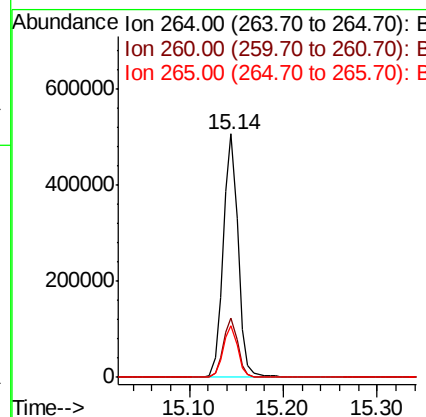
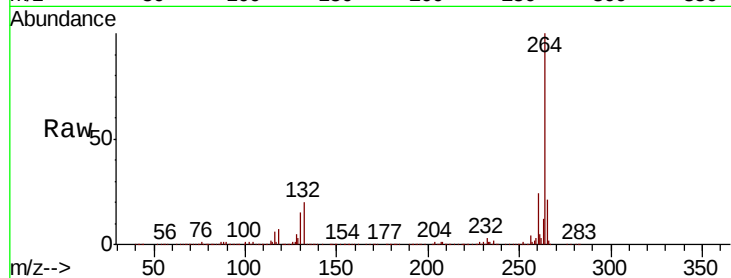




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF115052.D
Acq: 14 Jun 2019 20:51

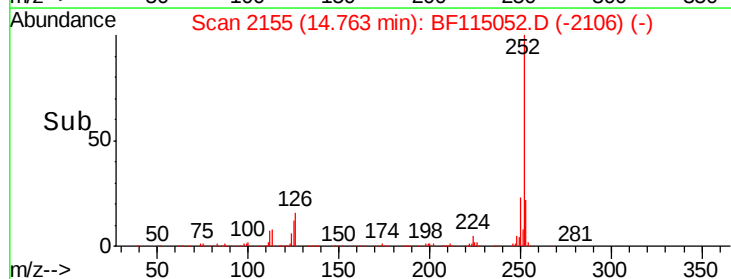
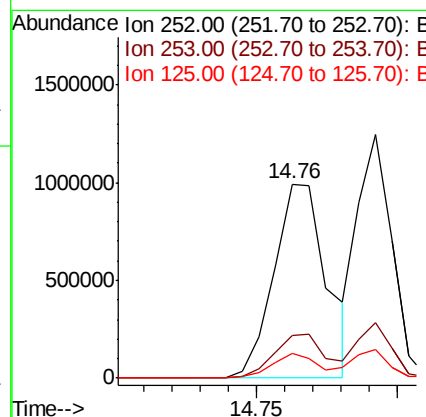
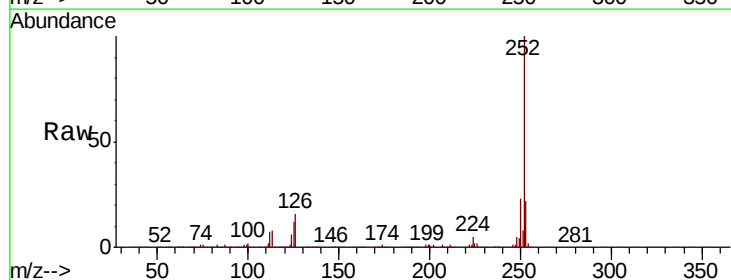
Instrument :
BNA_F
ClientSampleId :
BAT-B10MS

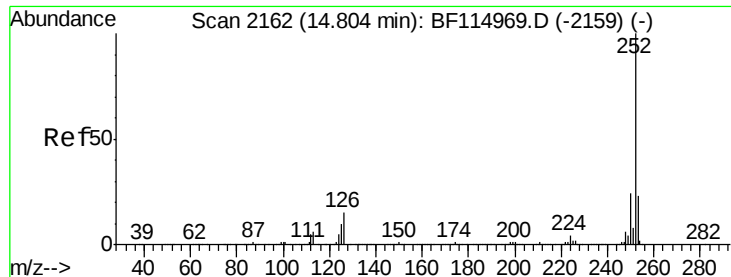
Tot Ion:264 Resp: 560422
Ion Ratio Lower Upper
264 100
260 24.4 19.9 29.9
265 21.2 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 34.559 ng
RT: 14.76 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BF115052.D
Acq: 14 Jun 2019 20:51

Tgt Ion:252 Resp: 1287491
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 12.5 9.4 14.0

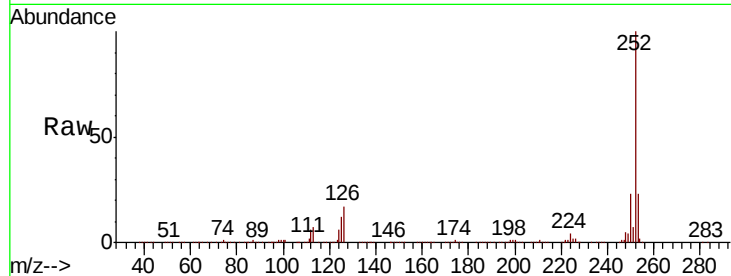




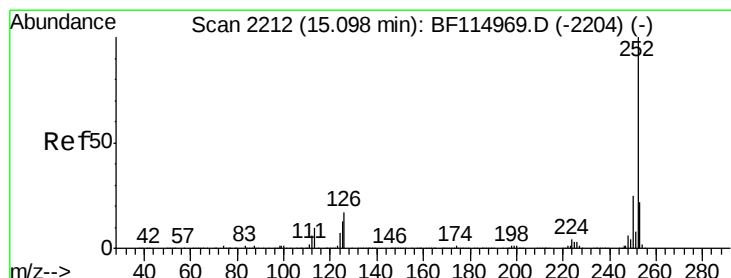
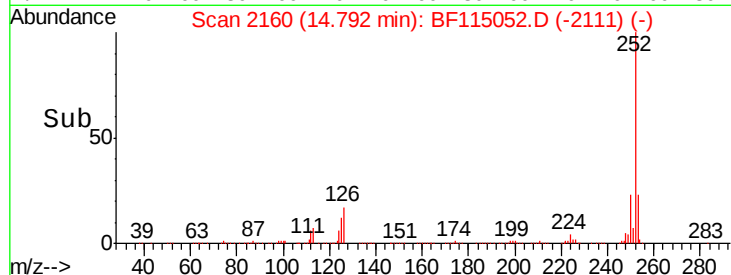
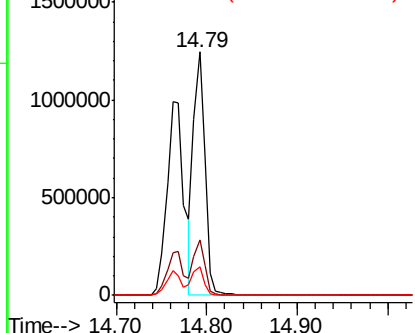
#89
Benzo(k)fluoranthene
Concen: 32.798 ng
RT: 14.79 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BF115052.D
Acq: 14 Jun 2019 20:51

Instrument :
BNA_F
ClientSampleId :
BAT-B10MS

Tot Ion:252 Resp: 1072496
Ion Ratio Lower Upper
252 100
253 22.6 18.0 27.0
125 11.6 8.2 12.4

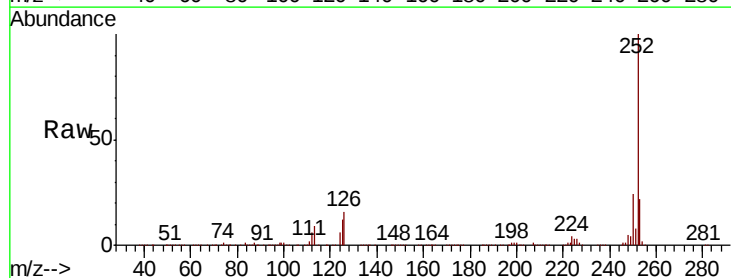


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

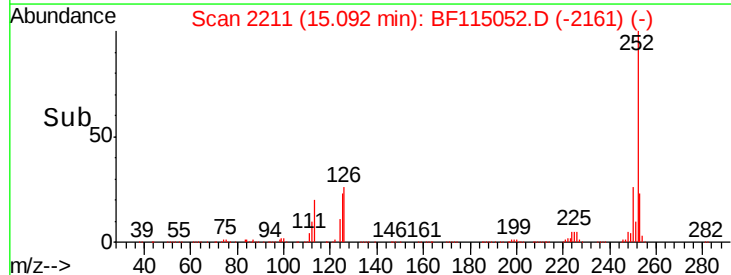
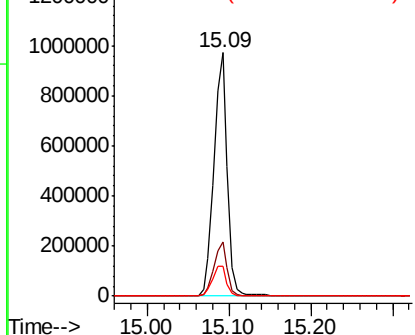


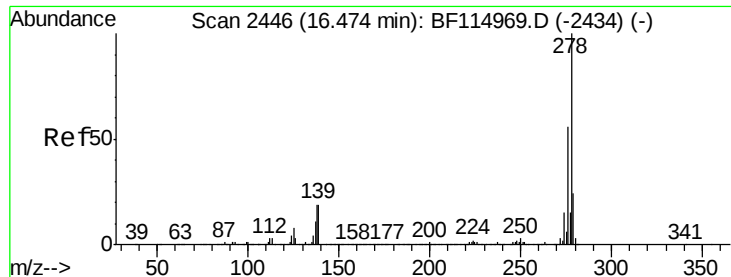
#90
Benzo(a)pyrene
Concen: 34.357 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BF115052.D
Acq: 14 Jun 2019 20:51

Tgt Ion:252 Resp: 1104473
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 12.2 10.7 16.1



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





#91

Dibenzo(a,h)anthracene

Concen: 32.150 ng

RT: 16.46 min Scan# 2443

Delta R.T. -0.02 min

Lab File: BF115052.D

Acq: 14 Jun 2019 20:51

Instrument :

BNA_F

ClientSampleId :

BAT-B10MS

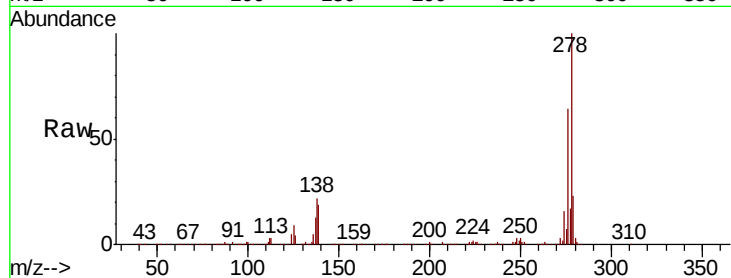
Tot Ion:278 Resp: 890051

Ion Ratio Lower Upper

278 100

139 19.1 15.3 22.9

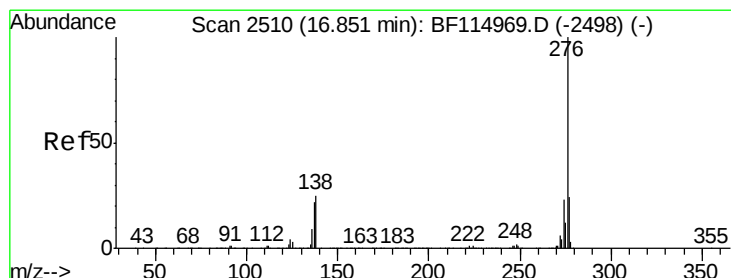
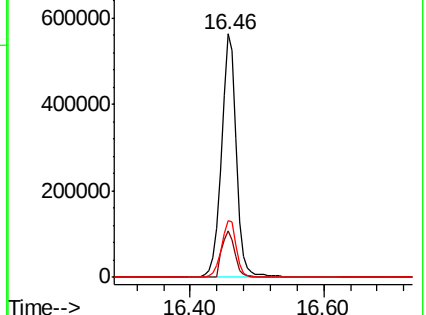
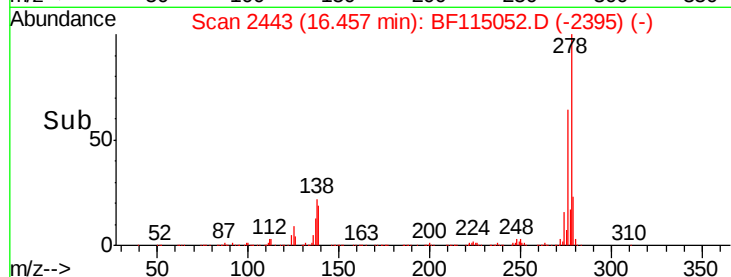
279 23.4 19.2 28.8



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: 30.153 ng

RT: 16.83 min Scan# 2507

Delta R.T. -0.02 min

Lab File: BF115052.D

Acq: 14 Jun 2019 20:51

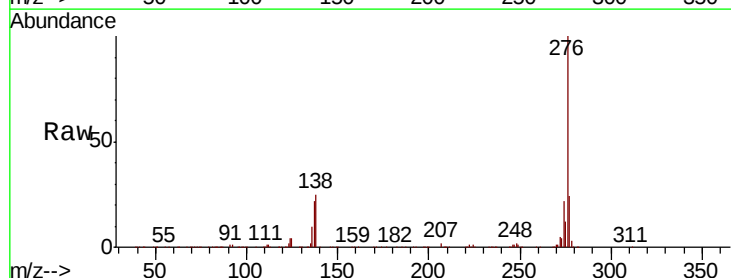
Tgt Ion:276 Resp: 851357

Ion Ratio Lower Upper

276 100

277 24.1 18.8 28.2

138 24.9 20.2 30.4



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

