

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062519\
 Data File : BF115194.D
 Acq On : 25 Jun 2019 18:24
 Operator : HP/JU
 Sample : K3470-02MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4MS

Quant Time: Jun 26 05:47:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 04:21:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	195251	20.00	ng	-0.01
21) Naphthalene-d8	7.89	136	721848	20.00	ng	-0.01
39) Acenaphthene-d10	9.64	164	337115	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	682592	20.00	ng	-0.01
76) Chrysene-d12	13.73	240	576353	20.00	ng	-0.02
87) Perylene-d12	15.09	264	688560	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	1092295	86.33	ng	0.00
7) Phenol-d6	6.25	99	1351040	87.97	ng	0.00
23) Nitrobenzene-d5	7.17	82	798163	68.02	ng	-0.01
42) 2,4,6-Tribromophenol	10.42	330	371819	104.59	ng	-0.01
45) 2-Fluorobiphenyl	8.97	172	1407785	70.93	ng	-0.02
79) Terphenyl-d14	12.69	244	1681754	62.04	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.20	88	140602	23.546	ng	99
3) Pyridine	2.86	79	342415	20.345	ng	99
4) n-Nitrosodimethylamine	2.79	42	157824	23.920	ng	98
6) Aniline	6.27	93	215219	10.197	ng	# 61
8) 2-Chlorophenol	6.39	128	382497	26.885	ng	97
9) Benzaldehyde	6.15	77	255108	25.462	ng	98
10) Phenol	6.26	94	456085	25.354	ng	94
11) bis(2-Chloroethyl)ether	6.35	93	350125	26.404	ng	99
12) 1,3-Dichlorobenzene	6.55	146	423336	26.811	ng	98
13) 1,4-Dichlorobenzene	6.62	146	431247	27.237	ng	98
14) 1,2-Dichlorobenzene	6.78	146	402663	27.462	ng	97
15) Benzyl Alcohol	6.75	79	233033	20.839	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.90	45	485288	25.233	ng	92
17) 2-Methylphenol	6.87	107	340789	29.020	ng	98
18) Hexachloroethane	7.12	117	148399	25.998	ng	97
19) n-Nitroso-di-n-propylamine	7.02	70	242400	24.655	ng	95
20) 3+4-Methylphenols	7.02	107	371392	27.389	ng	90
22) Acetophenone	7.02	105	509423	30.827	ng	# 95
24) Nitrobenzene	7.19	77	375890	29.077	ng	97
25) Isophorone	7.43	82	655636	27.274	ng	99
26) 2-Nitrophenol	7.51	139	199213	31.204	ng	97
27) 2,4-Dimethylphenol	7.55	122	329199	31.494	ng	98
28) bis(2-Chloroethoxy)methane	7.65	93	415896	27.374	ng	99
29) 2,4-Dichlorophenol	7.75	162	304171	28.197	ng	99
30) 1,2,4-Trichlorobenzene	7.84	180	350828	29.443	ng	98
31) Naphthalene	7.91	128	1084406	30.604	ng	98
32) Benzoic acid	7.55	122	329199	44.121	ng	# 15
33) 4-Chloroaniline	7.96	127	191558	11.829	ng	99
34) Hexachlorobutadiene	8.04	225	189697	29.052	ng	99
35) Caprolactam	8.32	113	95214	26.253	ng	99
36) 4-Chloro-3-methylphenol	8.45	107	304064	27.833	ng	98
37) 2-Methylnaphthalene	8.60	142	721503	30.199	ng	98
38) 1-Methylnaphthalene	8.70	142	663528	29.079	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	306505	32.175	ng	99

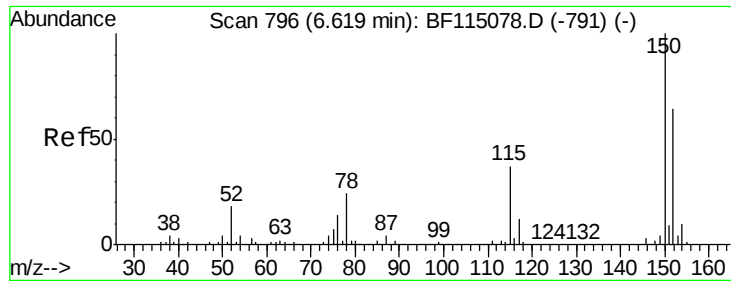
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062519\
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 QLast Update : Mon Jun 24 04:21:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	275823	48.829	ng	98
43) 2,4,6-Trichlorophenol	8.88	196	210512	28.623	ng	99
44) 2,4,5-Trichlorophenol	8.92	196	242110	31.966	ng	96
46) 1,1'-Biphenyl	9.07	154	843988	31.289	ng	99
47) 2-Chloronaphthalene	9.08	162	664066	30.350	ng	98
48) 2-Nitroaniline	9.18	65	185433	29.070	ng	95
49) Acenaphthylene	9.50	152	1053941	30.917	ng	98
50) Dimethylphthalate	9.37	163	1092977	44.068	ng	99
51) 2,6-Dinitrotoluene	9.42	165	169301	29.567	ng	89
52) Acenaphthene	9.67	154	658085	30.850	ng	99
53) 3-Nitroaniline	9.58	138	140320	20.081	ng	100
54) 2,4-Dinitrophenol	9.69	184	92994	36.008	ng	98
55) Dibenzofuran	9.84	168	917835	29.978	ng	97
56) 4-Nitrophenol	9.75	139	333873	59.598	ng	98
57) 2,4-Dinitrotoluene	9.82	165	225382	30.484	ng	94
58) Fluorene	10.18	166	676870	31.182	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.96	232	205336	32.332	ng	98
60) Diethylphthalate	10.07	149	728531	29.221	ng	99
61) 4-Chlorophenyl-phenylether	10.18	204	323599	31.340	ng	98
62) 4-Nitroaniline	10.19	138	194611	27.762	ng	98
63) Azobenzene	10.34	77	679834	29.194	ng	96
65) 4,6-Dinitro-2-methylphenol	10.22	198	90006	27.181	ng	96
66) n-Nitrosodiphenylamine	10.30	169	624674	29.374	ng	99
67) 4-Bromophenyl-phenylether	10.67	248	212128	28.663	ng	93
68) Hexachlorobenzene	10.72	284	233370	29.051	ng	95
69) Atrazine	10.82	200	196422	28.713	ng	100
70) Pentachlorophenol	10.92	266	296113	57.862	ng	99
71) Phenanthrene	11.13	178	1096032	29.823	ng	99
72) Anthracene	11.18	178	1144875	30.861	ng	99
73) Carbazole	11.34	167	1033745	31.205	ng	99
74) Di-n-butylphthalate	11.69	149	1199167	31.326	ng	99
75) Fluoranthene	12.31	202	1210561	33.013	ng	96
77) Benzidine	12.44	184	343071	13.405	ng	# 93
78) Pyrene	12.54	202	1239192	27.977	ng	100
80) Butylbenzylphthalate	13.17	149	562480	28.776	ng	95
81) Benzo(a)anthracene	13.72	228	1165062	28.172	ng	100
82) 3,3'-Dichlorobenzidine	13.68	252	265594	17.784	ng	97
83) Chrysene	13.75	228	1106736	29.215	ng	99
84) Bis(2-ethylhexyl)phthalate	13.74	149	781721	30.521	ng	99
85) Di-n-octyl phthalate	14.35	149	1334618	31.013	ng	99
86) Indeno(1,2,3-cd)pyrene	16.36	276	1360325	30.347	ng	99
88) Benzo(b)fluoranthene	14.72	252	1237794	28.810	ng	100
89) Benzo(k)fluoranthene	14.74	252	1139778	29.582	ng	98
90) Benzo(a)pyrene	15.04	252	1186829	30.648	ng	98
91) Dibenzo(a,h)anthracene	16.38	278	1136320	31.432	ng	99
92) Benzo(g,h,i)perylene	16.74	276	1114468	30.459	ng	99

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

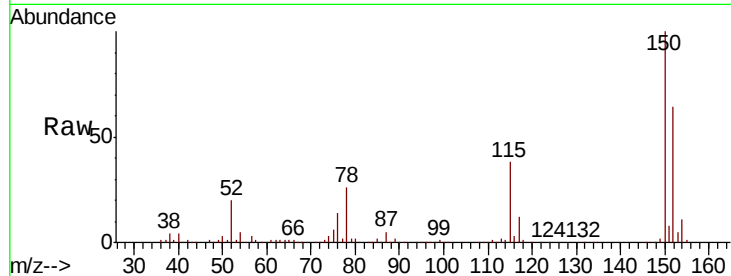


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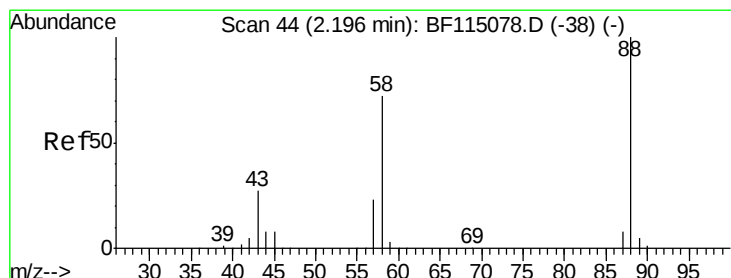
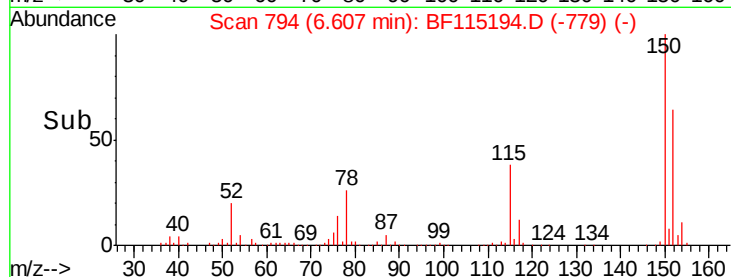
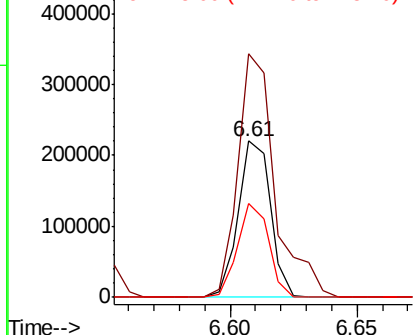
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

Tgt Ion: 152 Resp: 195251
Ion Ratio Lower Upper
152 100
150 155.8 124.2 186.2
115 59.9 46.1 69.1



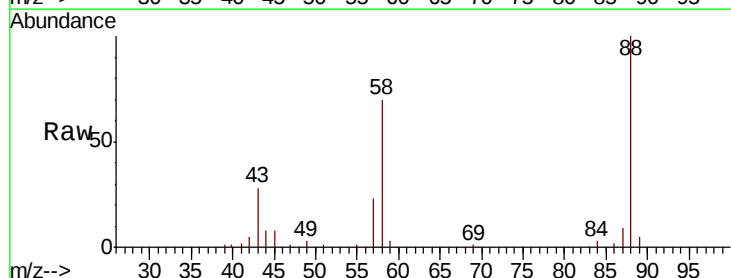
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



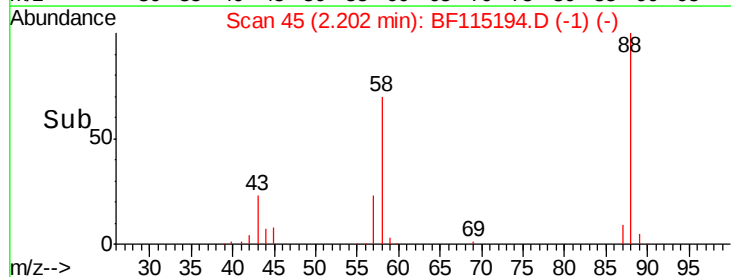
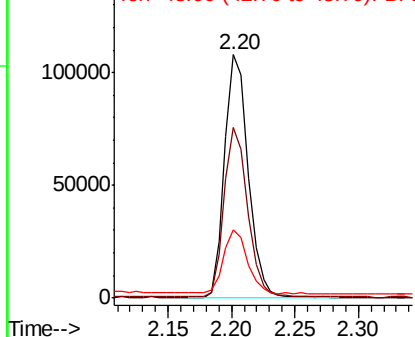
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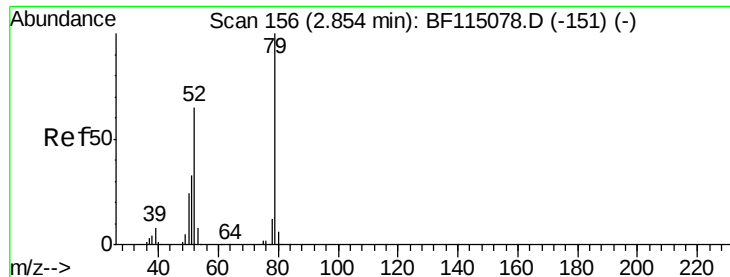
1,4-Dioxane
Concen: 23.546 ng
RT: 2.20 min Scan# 45
Delta R.T. 0.01 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Tgt Ion: 88 Resp: 140602
Ion Ratio Lower Upper
88 100
58 68.7 56.1 84.1
43 26.7 21.3 31.9



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

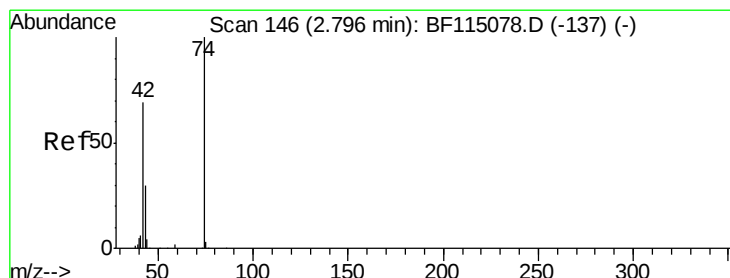
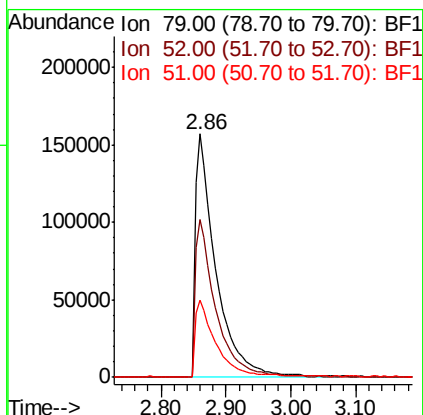
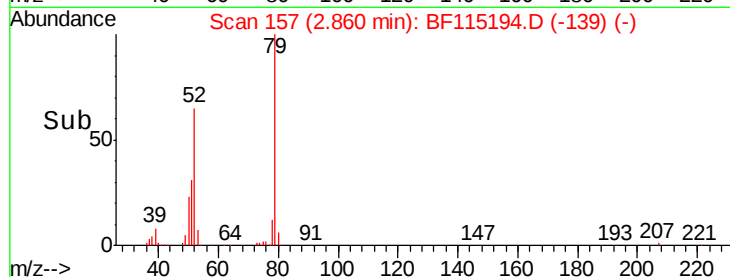
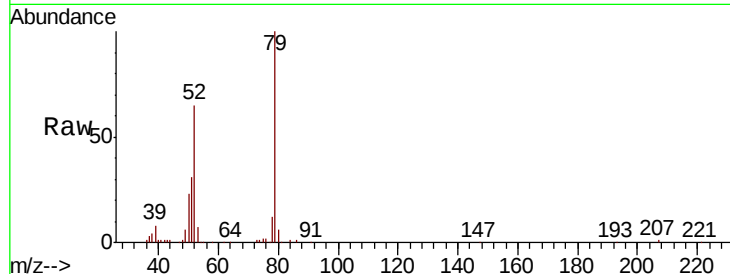




#3
 Pyridine
 Concen: 20.345 ng
 RT: 2.86 min Scan# 157
 Delta R.T. 0.01 min
 Lab File: BF115194.D
 Acq: 25 Jun 2019 18:24

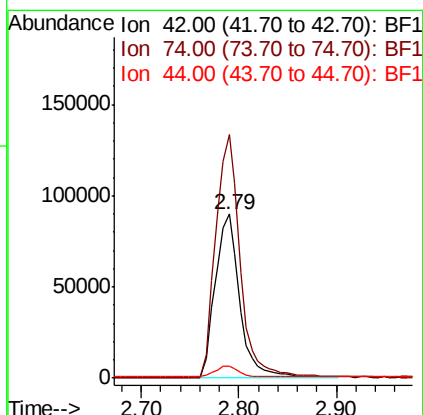
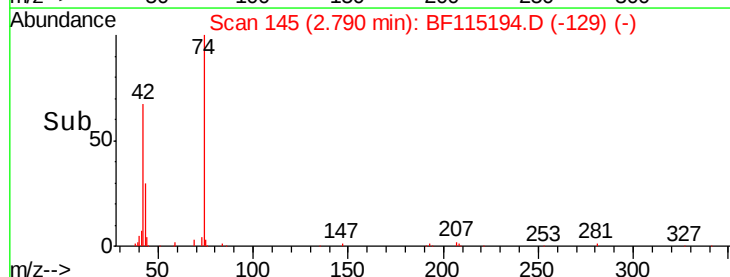
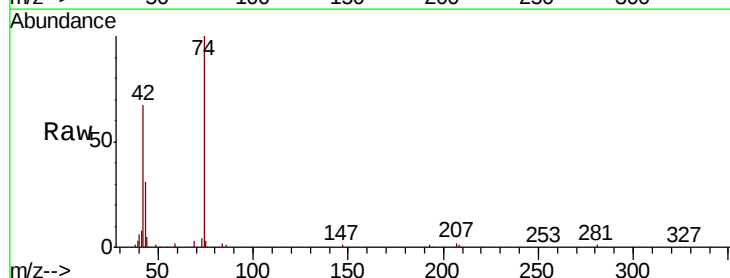
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4MS

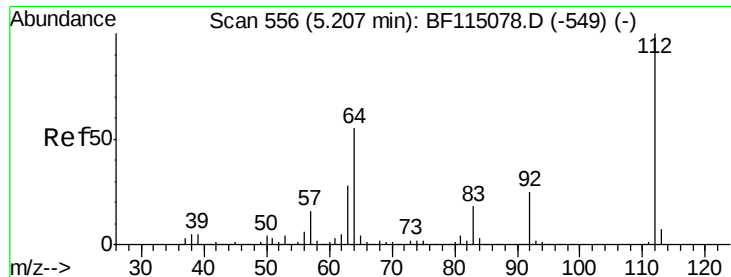
Tgt Ion: 79 Resp: 342415
 Ion Ratio Lower Upper
 79 100
 52 64.7 52.3 78.5
 51 31.5 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 23.920 ng
 RT: 2.79 min Scan# 145
 Delta R.T. -0.01 min
 Lab File: BF115194.D
 Acq: 25 Jun 2019 18:24

Tgt Ion: 42 Resp: 157824
 Ion Ratio Lower Upper
 42 100
 74 148.5 116.6 175.0
 44 7.3 5.3 7.9





#5

2-Fluorophenol

Concen: 86.330 ng

RT: 5.21 min Scan# 556

Delta R.T. 0.00 min

Lab File: BF115194.D

Acq: 25 Jun 2019 18:24

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MS

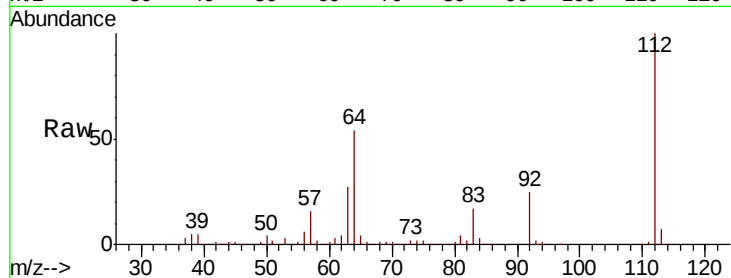
Tgt Ion: 112 Resp: 1092295

Ion Ratio Lower Upper

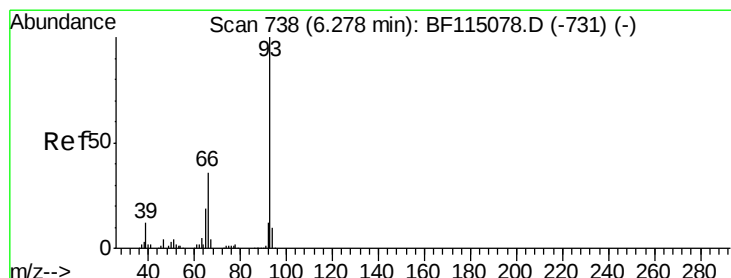
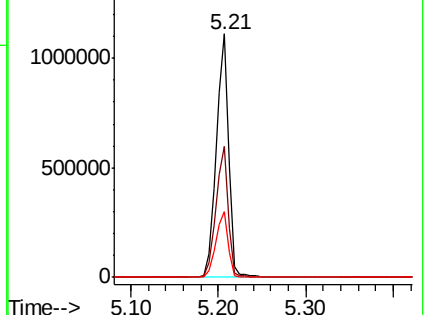
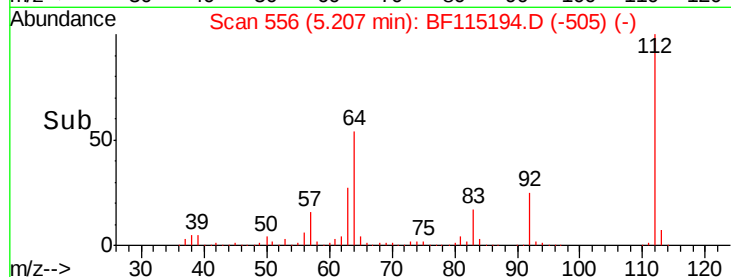
112 100

64 53.6 43.8 65.6

63 26.9 22.2 33.4



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: 10.197 ng

RT: 6.27 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF115194.D

Acq: 25 Jun 2019 18:24

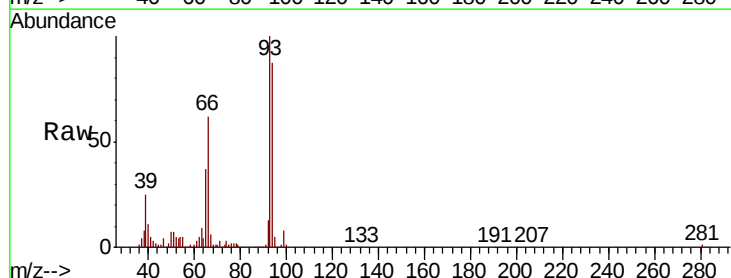
Tgt Ion: 93 Resp: 215219

Ion Ratio Lower Upper

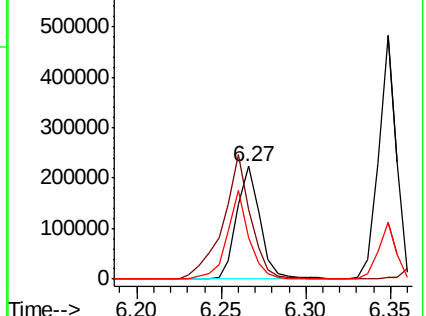
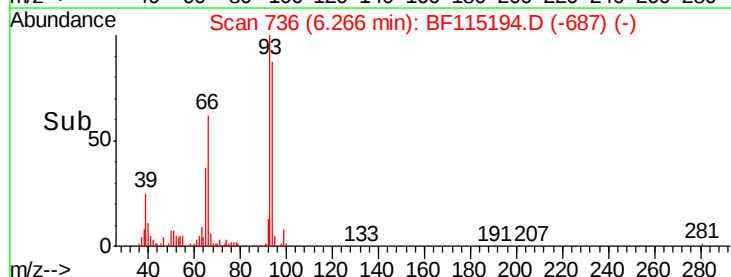
93 100

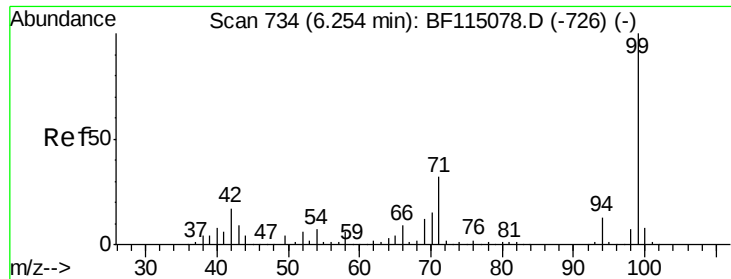
66 61.5 30.0 45.0#

65 36.5 15.6 23.4#



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: 87.975 ng

RT: 6.25 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF115194.D

Acq: 25 Jun 2019 18:24

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MS

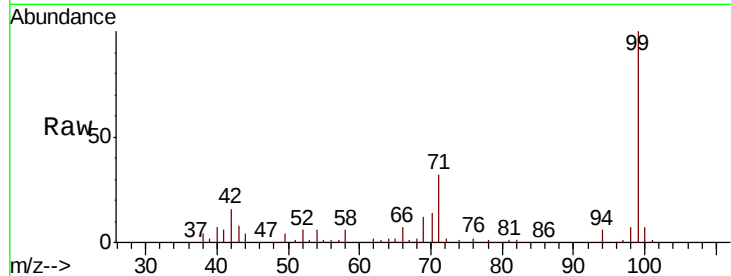
Tgt Ion: 99 Resp: 1351040

Ion Ratio Lower Upper

99 100

42 16.3 13.6 20.4

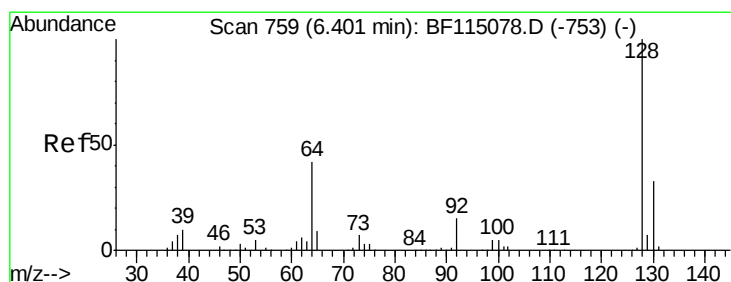
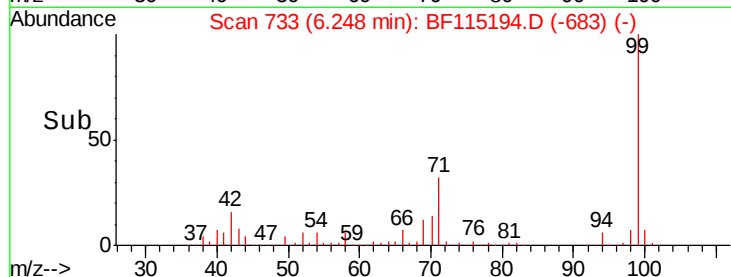
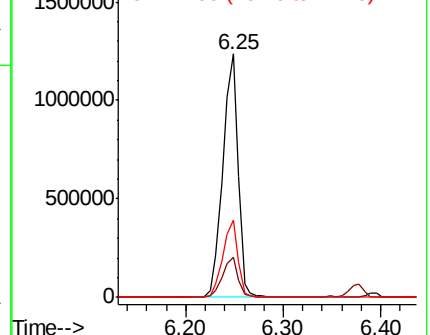
71 31.6 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 26.885 ng

RT: 6.39 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF115194.D

Acq: 25 Jun 2019 18:24

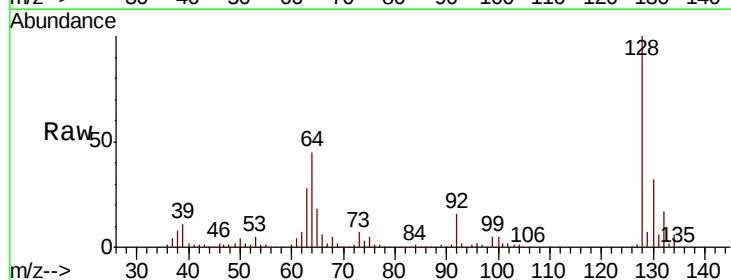
Tgt Ion: 128 Resp: 382497

Ion Ratio Lower Upper

128 100

130 32.4 12.9 52.9

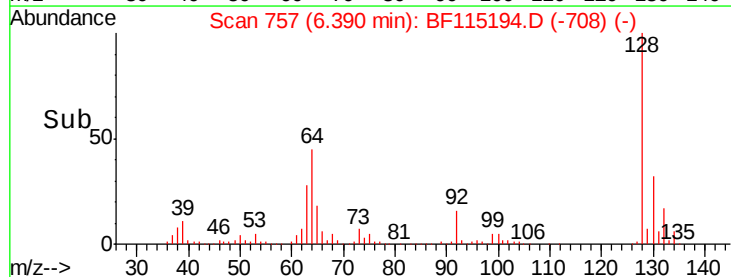
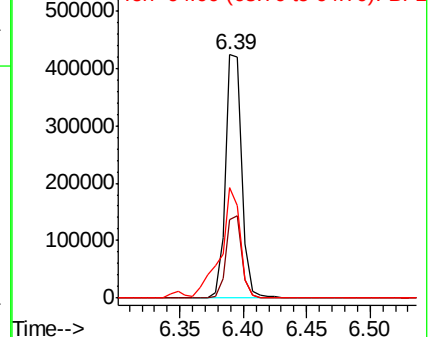
64 45.4 22.9 62.9

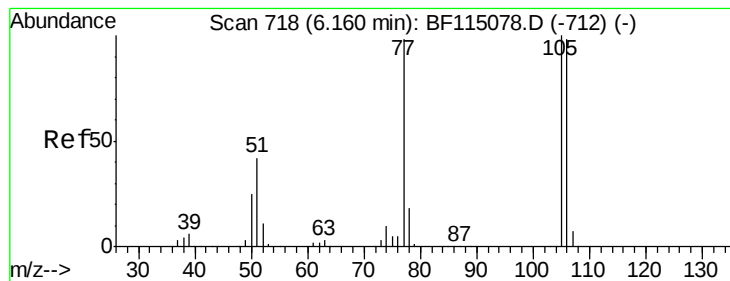


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 25.462 ng

RT: 6.15 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF115194.D

Acq: 25 Jun 2019 18:24

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SAMPLE-4MS

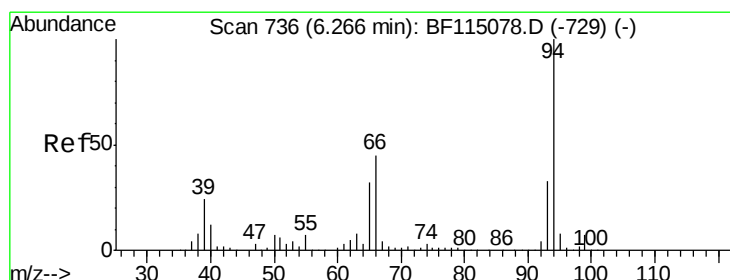
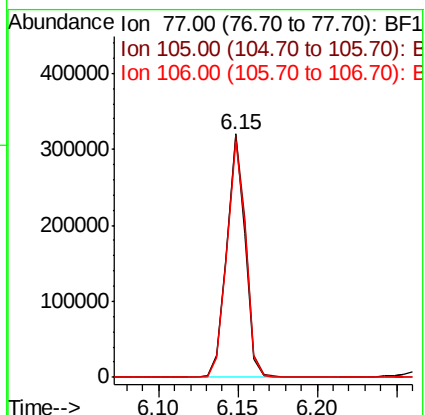
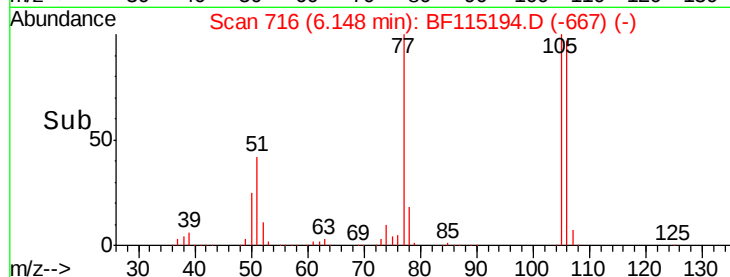
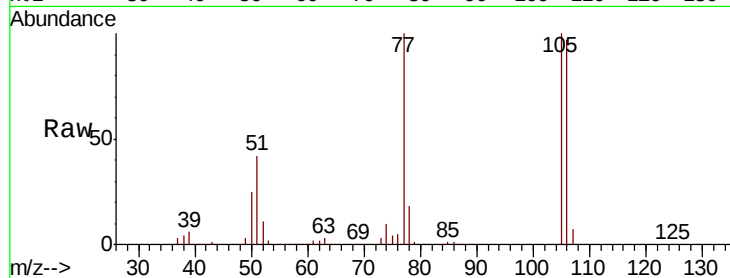
Tgt Ion: 77 Resp: 255108

Ion Ratio Lower Upper

77 100

105 99.5 81.5 121.5

106 96.9 79.7 119.7



#10

Phenol

Concen: 25.354 ng

RT: 6.26 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF115194.D

Acq: 25 Jun 2019 18:24

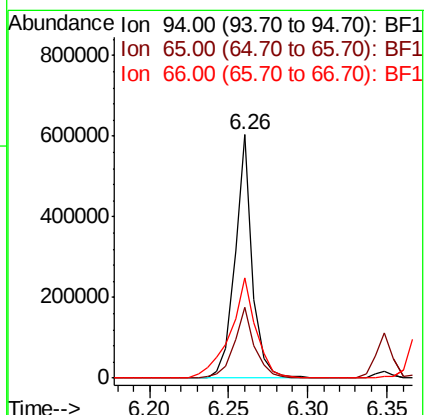
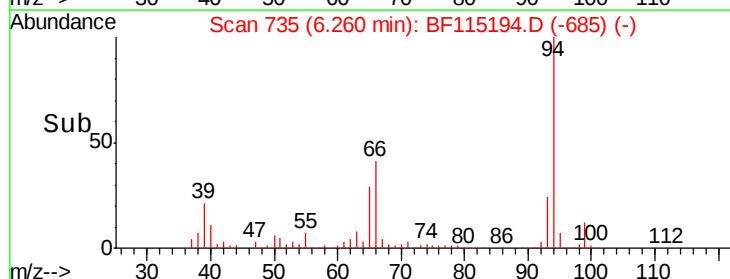
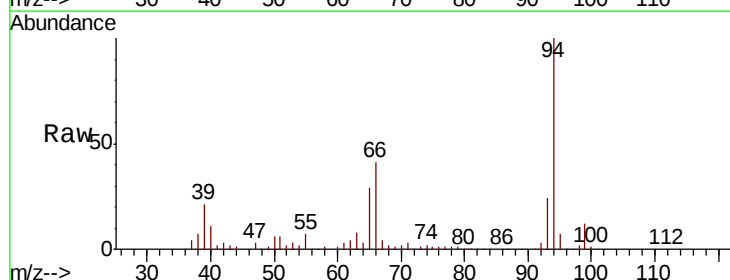
Tgt Ion: 94 Resp: 456085

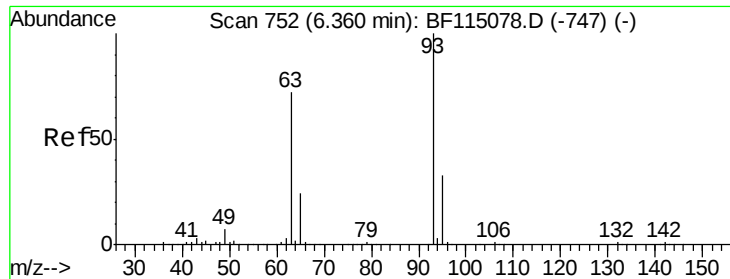
Ion Ratio Lower Upper

94 100

65 29.1 11.9 51.9

66 41.0 25.2 65.2





#11

bis(2-Chloroethyl)ether

Concen: 26.404 ng

RT: 6.35 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF115194.D

Acq: 25 Jun 2019 18:24

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MS

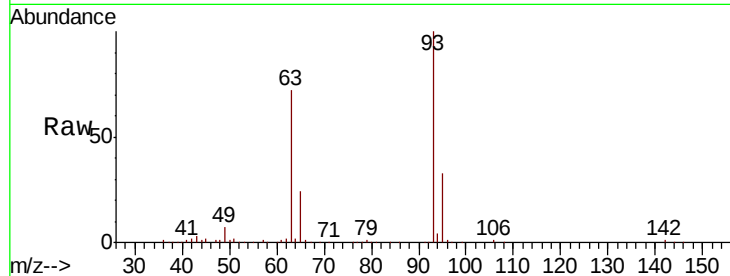
Tgt Ion: 93 Resp: 350125

Ion Ratio Lower Upper

93 100

63 72.1 51.5 91.5

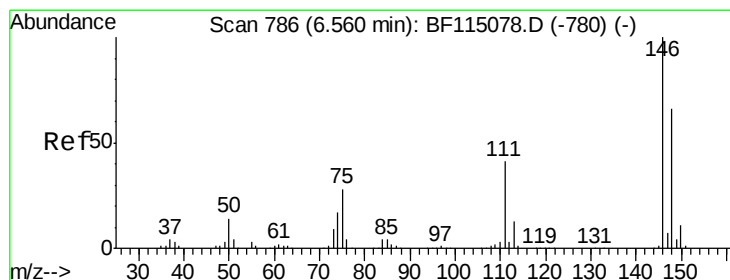
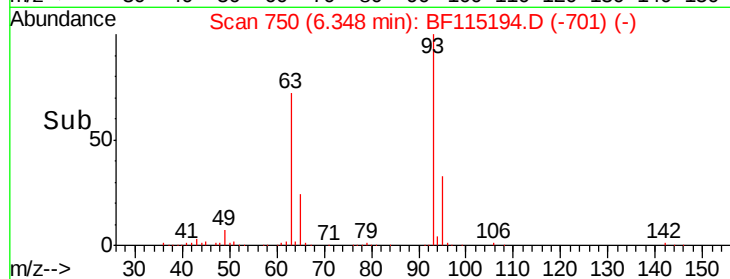
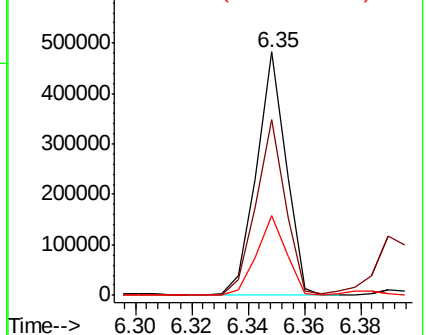
95 32.5 13.4 53.4



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 26.811 ng

RT: 6.55 min Scan# 784

Delta R.T. -0.01 min

Lab File: BF115194.D

Acq: 25 Jun 2019 18:24

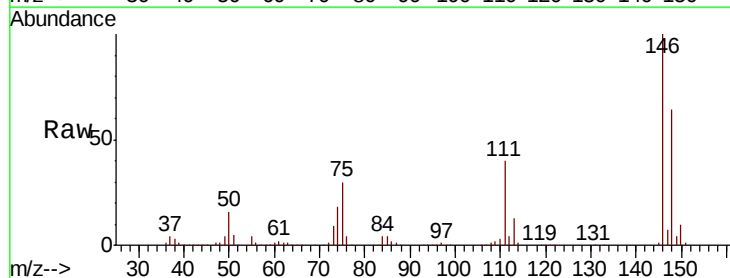
Tgt Ion: 146 Resp: 423336

Ion Ratio Lower Upper

146 100

148 64.5 52.6 78.8

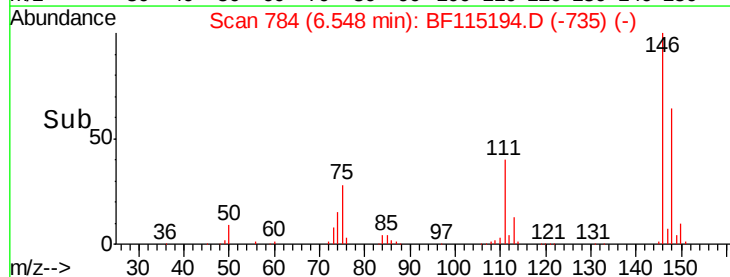
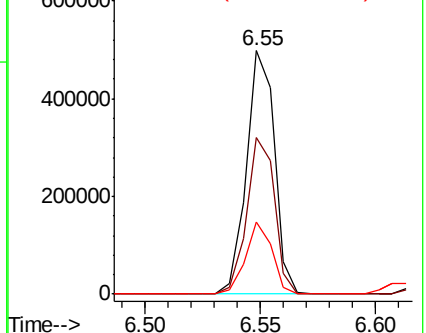
75 29.7 22.6 34.0

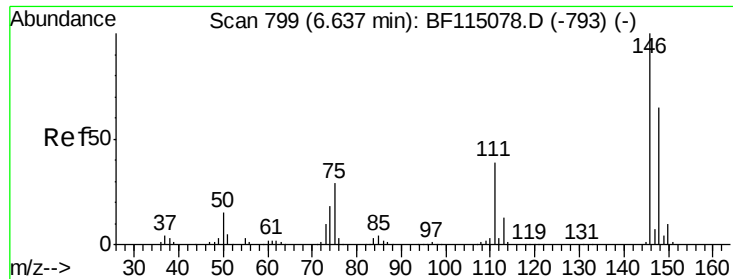


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

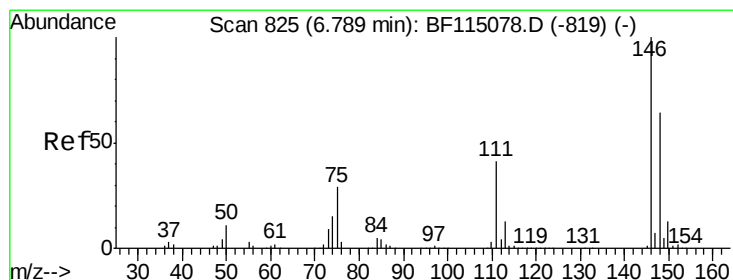
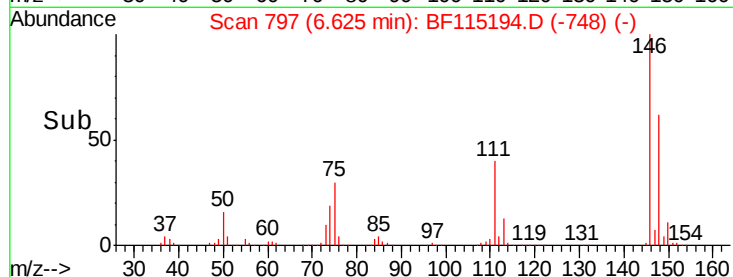
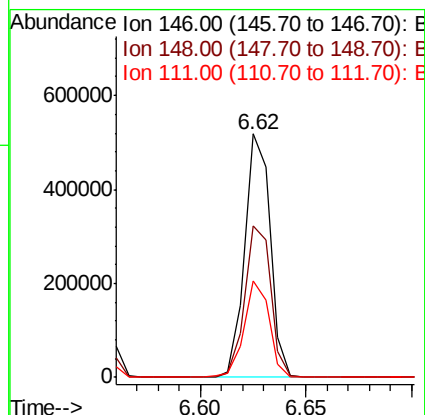
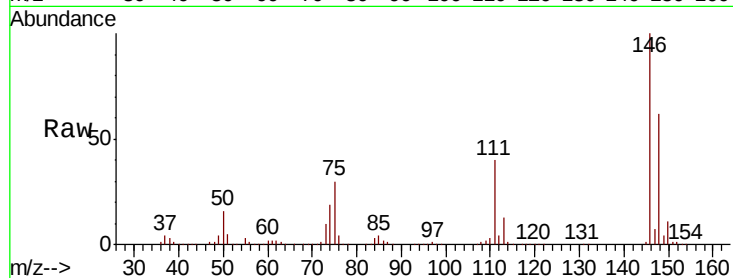




#13
 1,4-Dichlorobenzene
 Concen: 27.237 ng
 RT: 6.62 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF115194.D
 Acq: 25 Jun 2019 18:24

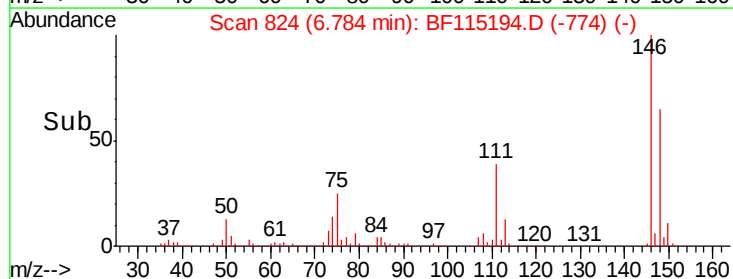
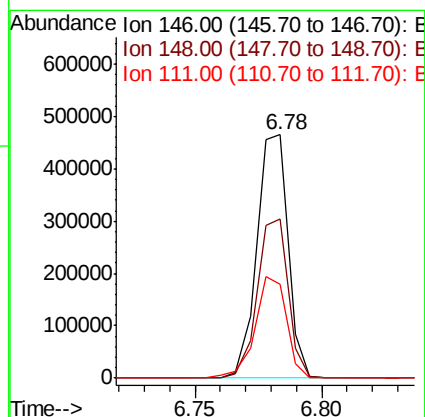
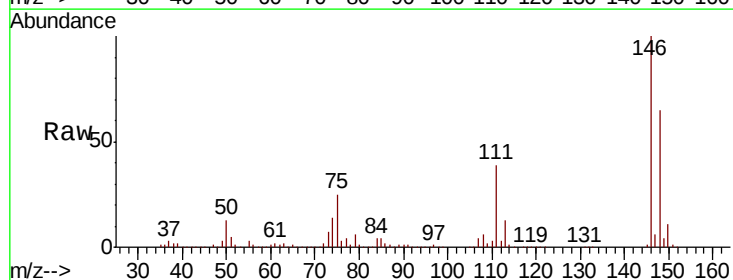
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4MS

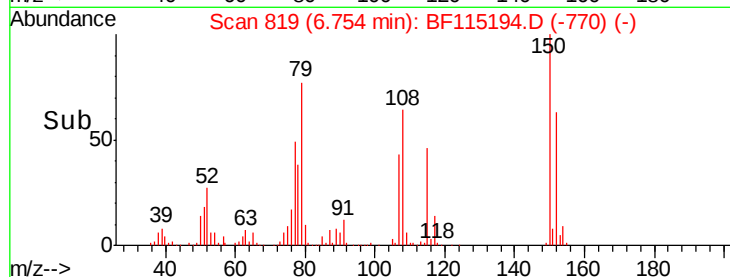
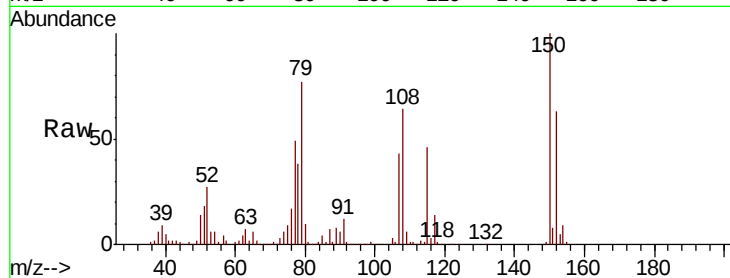
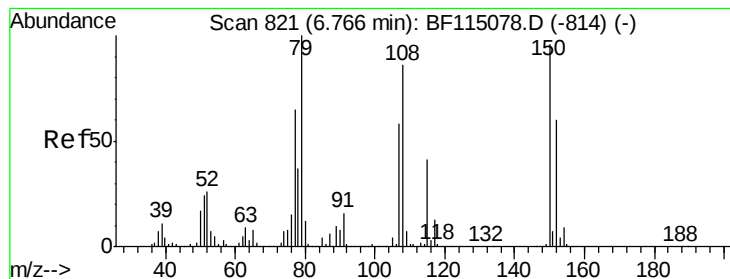
Tgt Ion:146 Resp: 431247
 Ion Ratio Lower Upper
 146 100
 148 62.2 51.9 77.9
 111 39.5 31.4 47.0



#14
 1,2-Dichlorobenzene
 Concen: 27.462 ng
 RT: 6.78 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF115194.D
 Acq: 25 Jun 2019 18:24

Tgt Ion:146 Resp: 402663
 Ion Ratio Lower Upper
 146 100
 148 65.4 51.1 76.7
 111 38.7 33.2 49.8





#15

Benzyl Alcohol

Concen: 20.839 ng

RT: 6.75 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF115194.D

Acq: 25 Jun 2019 18:24

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MS

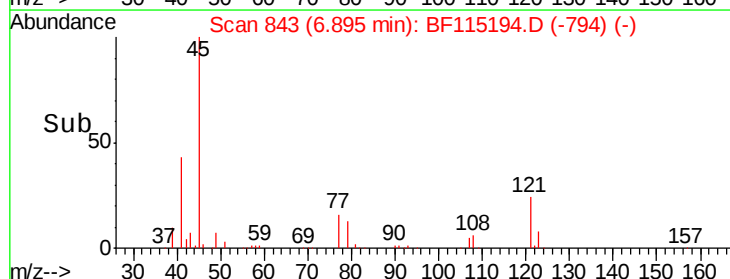
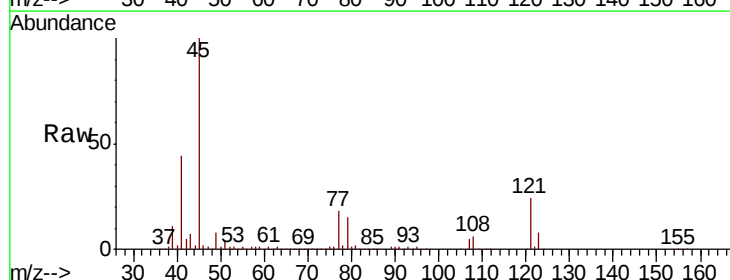
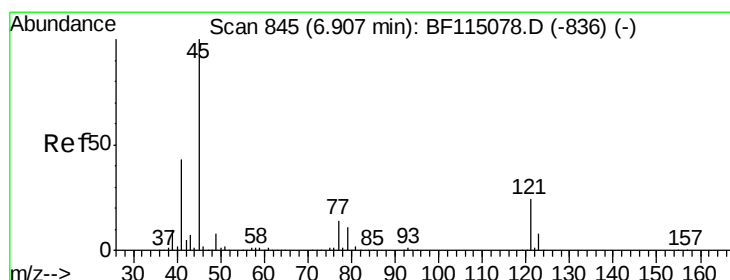
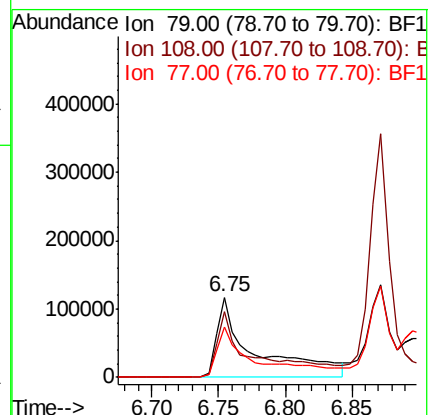
Tgt Ion: 79 Resp: 233033

Ion Ratio Lower Upper

79 100

108 82.2 68.7 103.1

77 62.7 51.7 77.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 25.233 ng

RT: 6.90 min Scan# 843

Delta R.T. -0.01 min

Lab File: BF115194.D

Acq: 25 Jun 2019 18:24

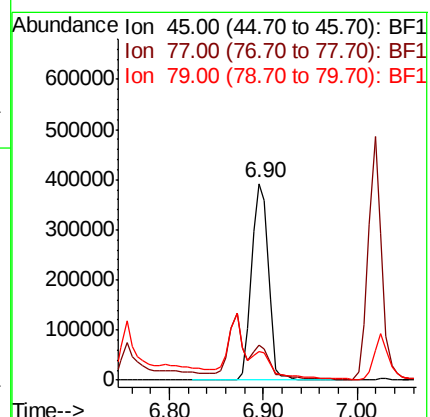
Tgt Ion: 45 Resp: 485288

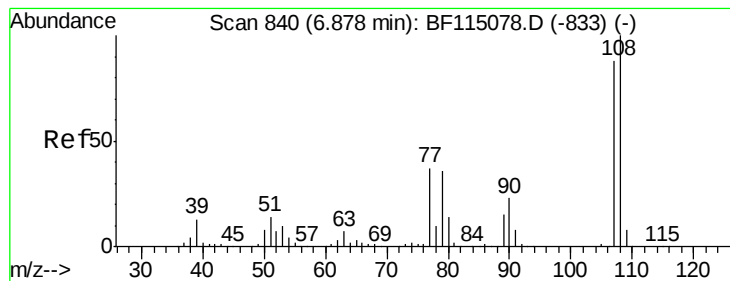
Ion Ratio Lower Upper

45 100

77 17.6 0.0 34.6

79 14.7 0.0 31.2





#17

2-Methylphenol

Concen: 29.020 ng

RT: 6.87 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF115194.D

Acq: 25 Jun 2019 18:24

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MS

Tgt Ion:107 Resp: 340789

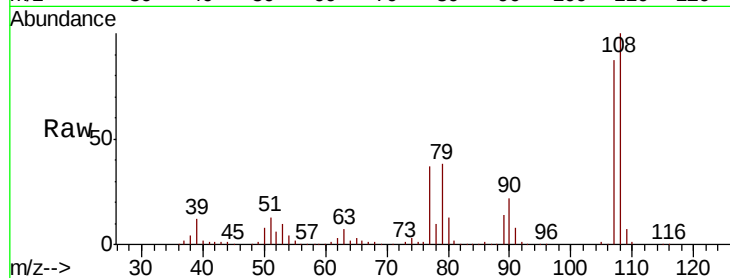
Ion Ratio Lower Upper

107 100

108 114.7 90.9 136.3

77 42.9 33.4 50.2

79 43.3 32.3 48.5

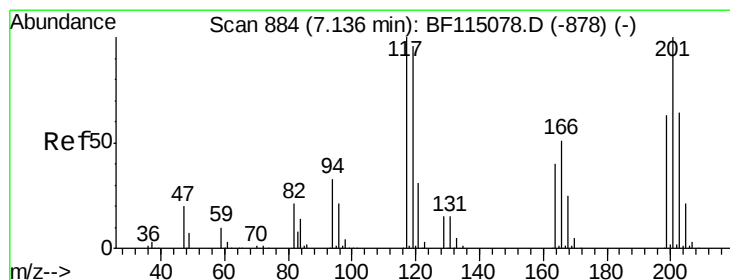
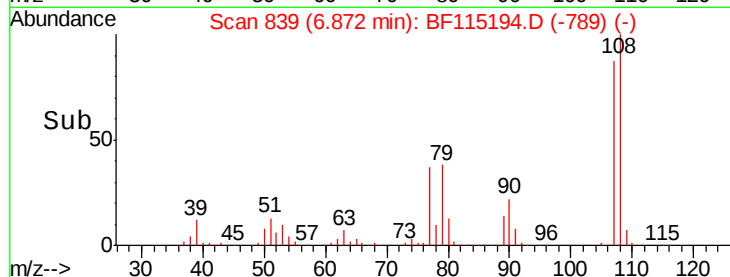
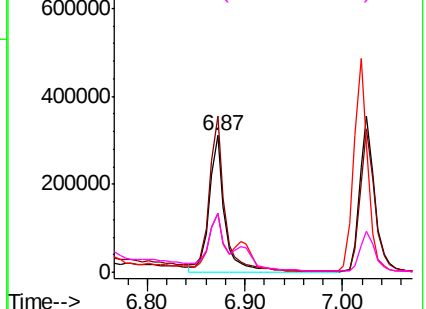


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 25.998 ng

RT: 7.12 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF115194.D

Acq: 25 Jun 2019 18:24

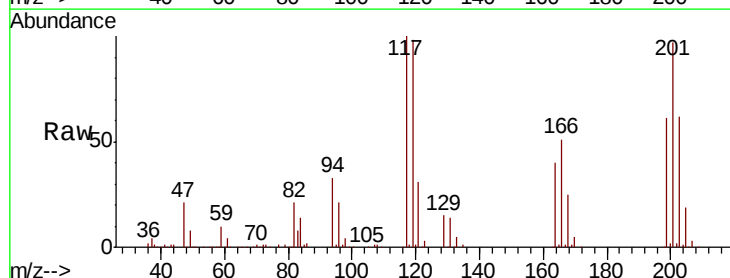
Tgt Ion:117 Resp: 148399

Ion Ratio Lower Upper

117 100

119 97.9 76.6 114.8

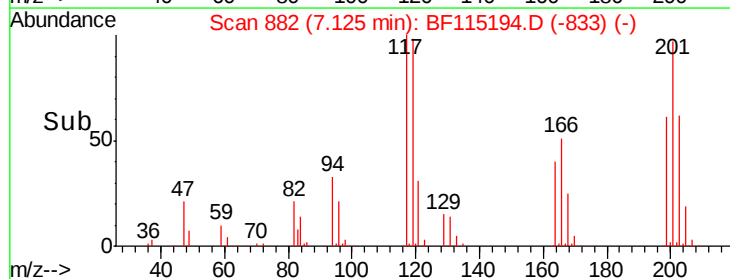
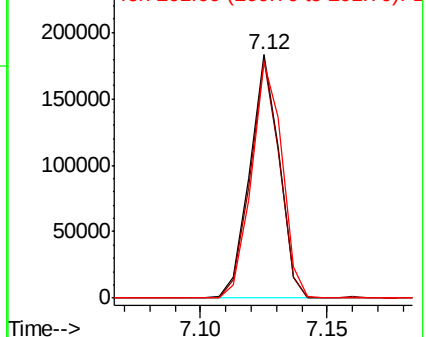
201 97.1 80.2 120.2

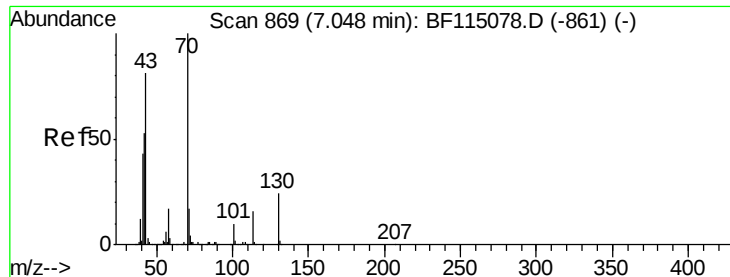


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

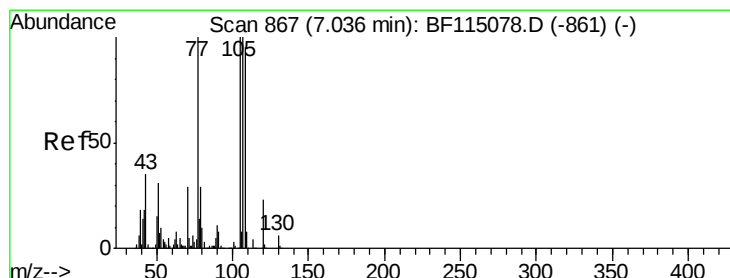
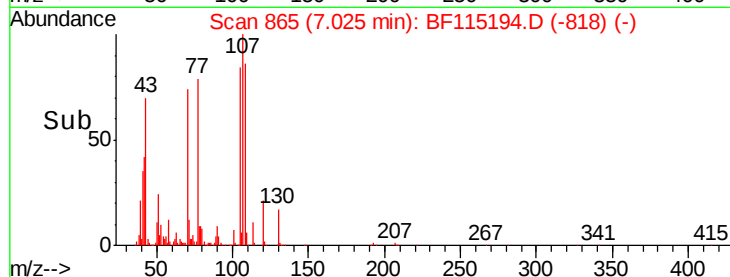
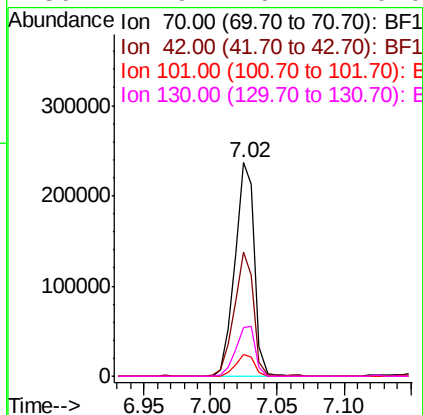
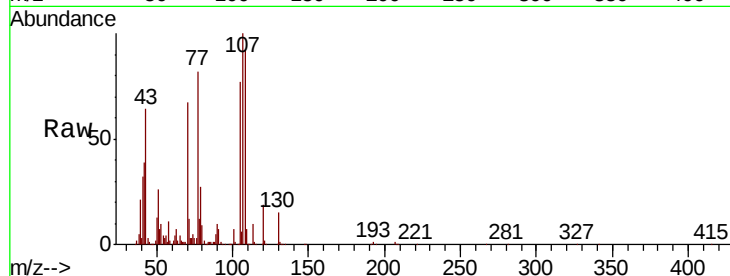




#19
n-Nitroso-di-n-propylamine
Concen: 24.655 ng
RT: 7.02 min Scan# 865
Delta R.T. -0.02 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

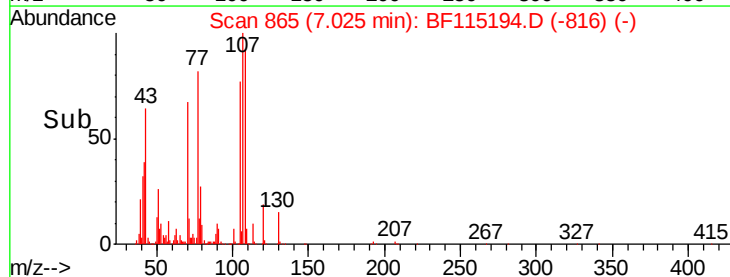
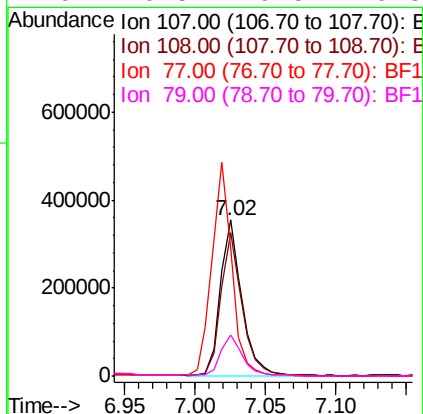
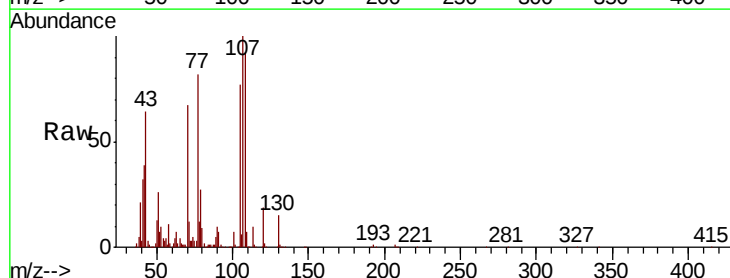
Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

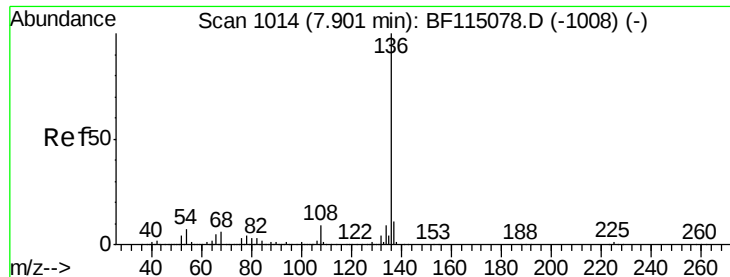
Tgt Ion:	70	Resp:	242400
Ion	Ratio	Lower	Upper
70	100		
42	57.9	42.6	63.8
101	10.0	8.0	12.0
130	22.9	19.4	29.0



#20
3+4-Methylphenols
Concen: 27.389 ng
RT: 7.02 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Tgt Ion:	107	Resp:	371392
Ion	Ratio	Lower	Upper
107	100		
108	91.7	75.5	115.5
77	82.5	80.2	120.2
79	26.5	9.5	49.5

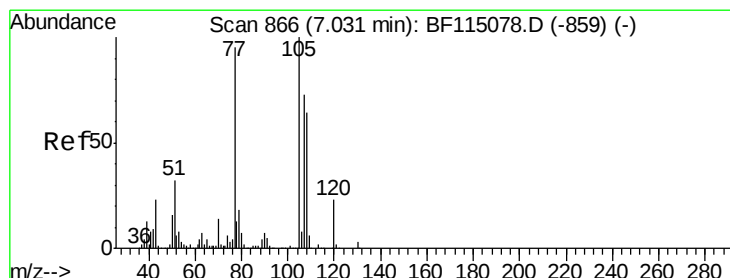
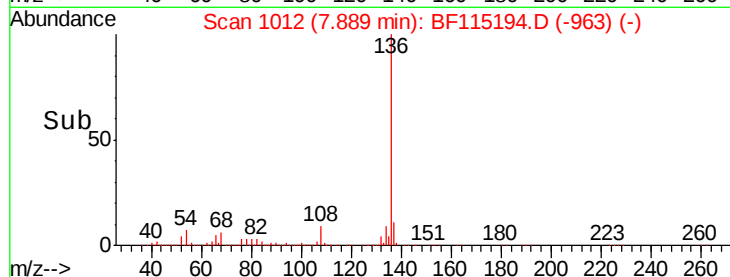
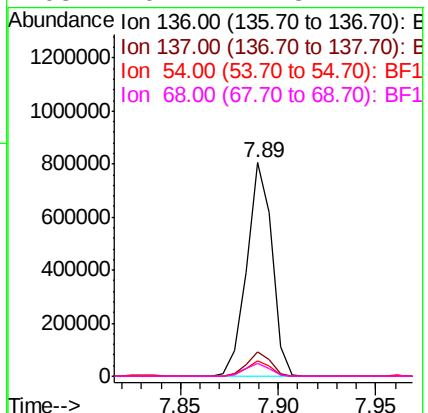
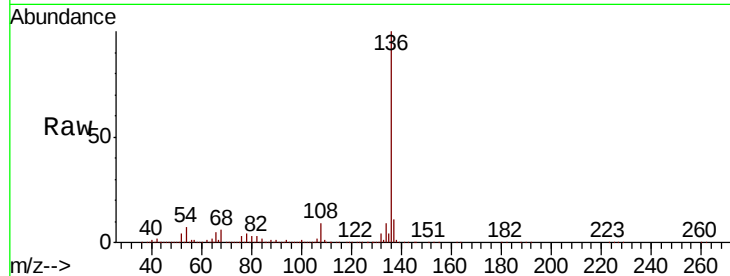




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

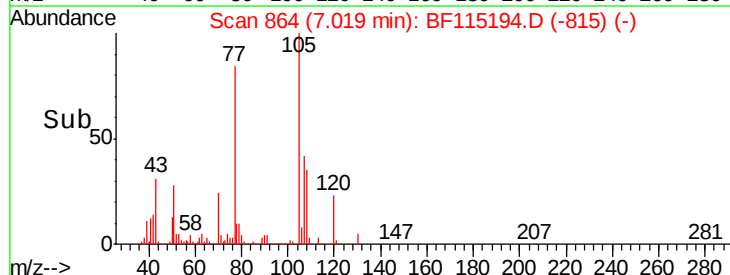
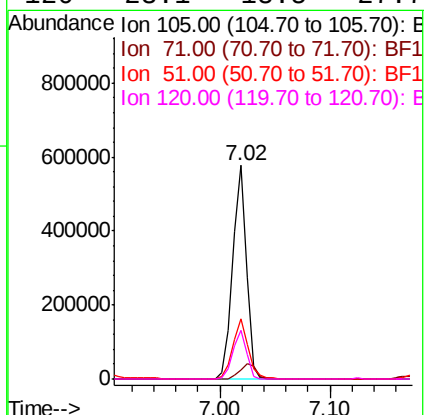
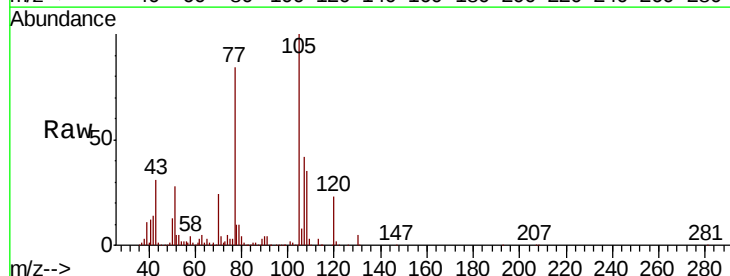
Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

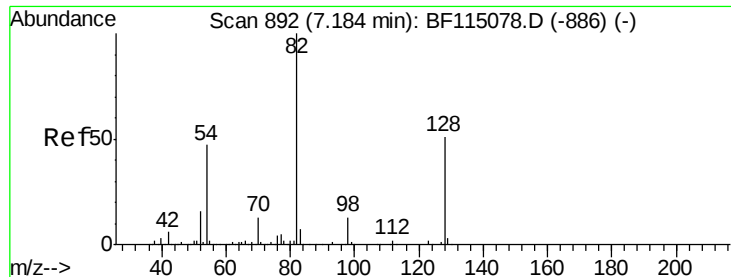
Tgt Ion:	136	Resp:	721848
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	7.3	5.6	8.4
68	6.2	4.8	7.2



#22
Acetophenone
Concen: 30.827 ng
RT: 7.02 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Tgt Ion:	105	Resp:	509423
Ion	Ratio	Lower	Upper
105	100		
71	4.2	1.9	2.9#
51	28.0	25.8	38.8
120	23.1	18.5	27.7

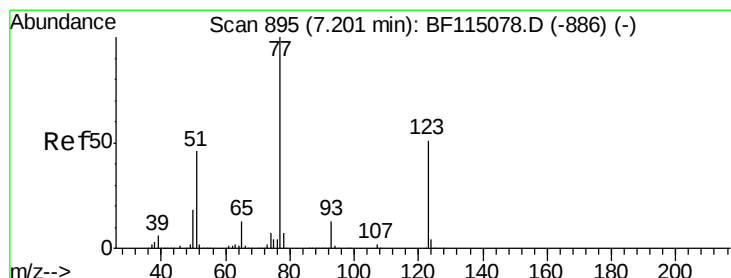
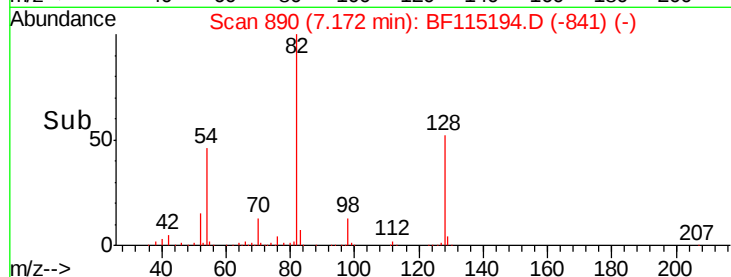
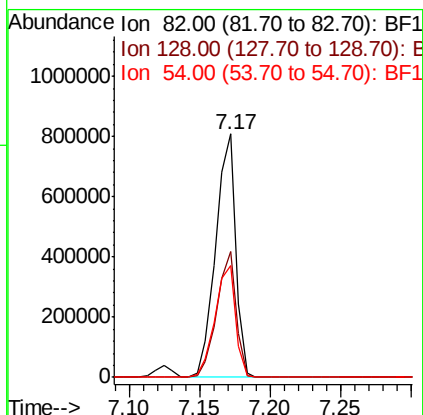
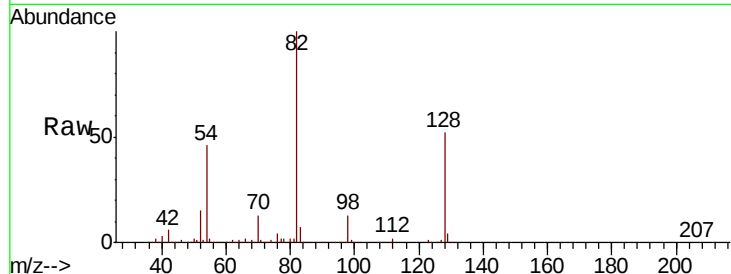




#23
 Nitrobenzene-d5
 Concen: 68.019 ng
 RT: 7.17 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BF115194.D
 Acq: 25 Jun 2019 18:24

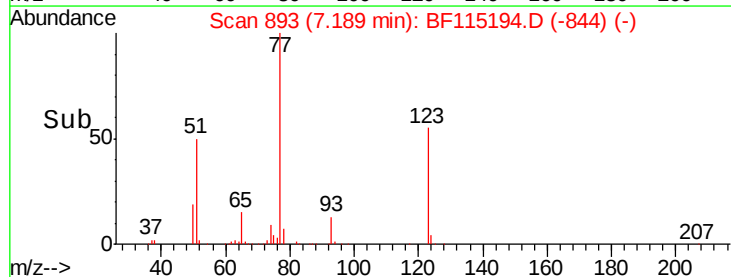
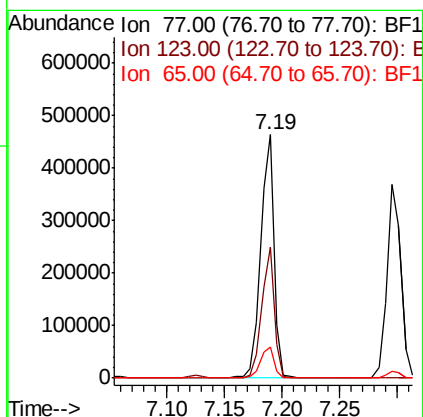
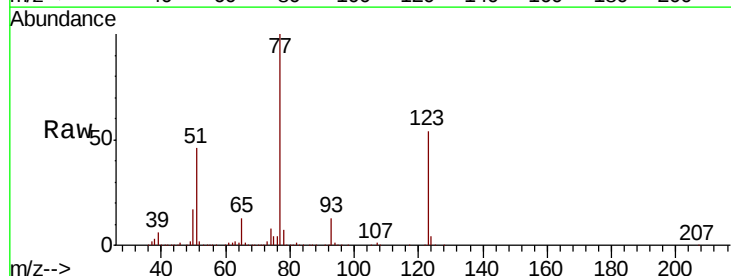
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4MS

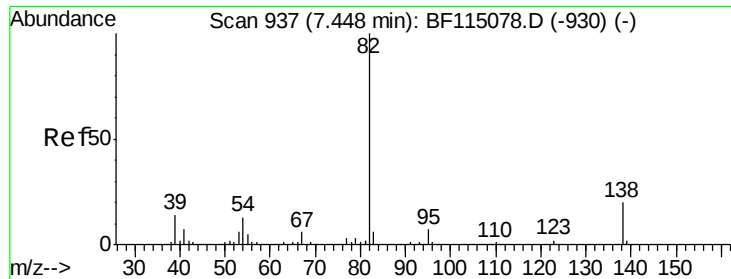
Tgt Ion: 82 Resp: 798163
 Ion Ratio Lower Upper
 82 100
 128 51.6 40.4 60.6
 54 46.1 37.5 56.3



#24
 Nitrobenzene
 Concen: 29.077 ng
 RT: 7.19 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BF115194.D
 Acq: 25 Jun 2019 18:24

Tgt Ion: 77 Resp: 375890
 Ion Ratio Lower Upper
 77 100
 123 53.6 41.0 61.6
 65 13.0 10.5 15.7





#25

Isophorone

Concen: 27.274 ng

RT: 7.43 min Scan# 934

Delta R.T. -0.02 min

Lab File: BF115194.D

Acq: 25 Jun 2019 18:24

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MS

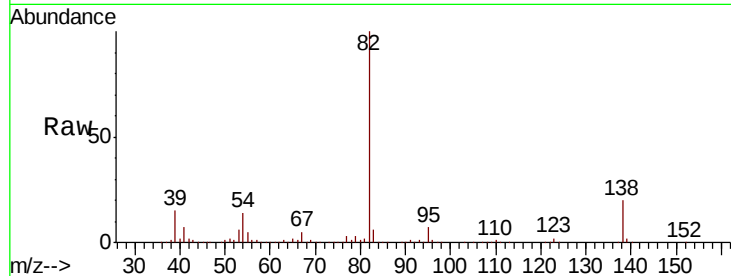
Tgt Ion: 82 Resp: 655636

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

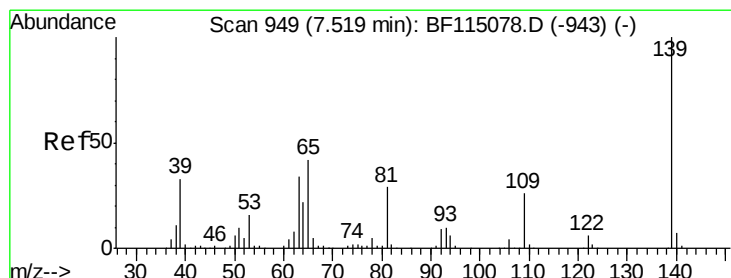
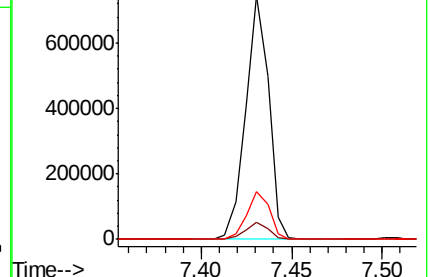
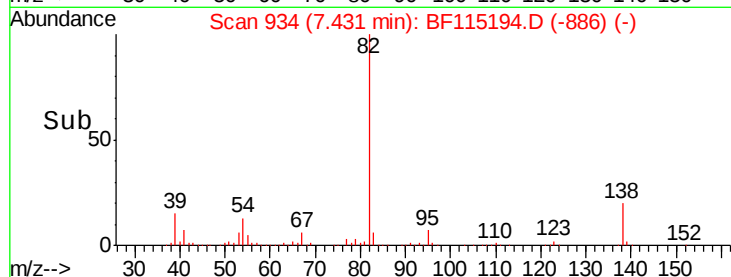
138 19.5 15.9 23.9



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 31.204 ng

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF115194.D

Acq: 25 Jun 2019 18:24

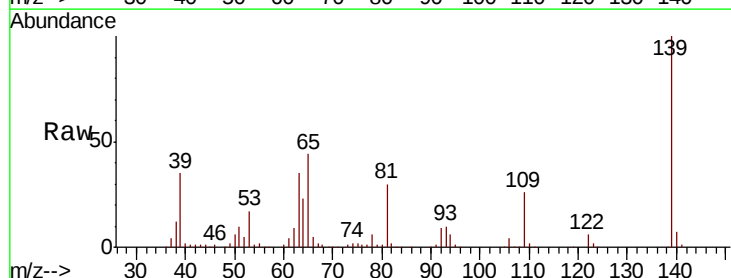
Tgt Ion: 139 Resp: 199213

Ion Ratio Lower Upper

139 100

109 26.0 20.4 30.6

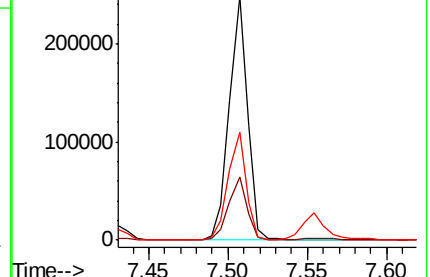
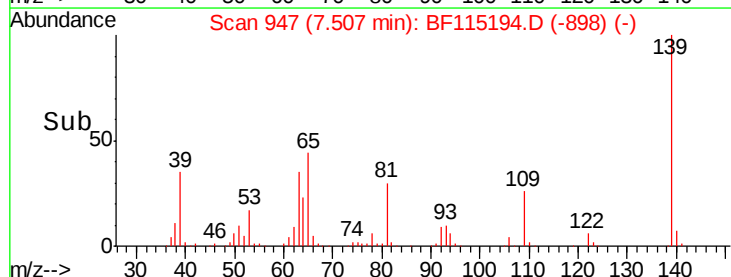
65 44.4 33.6 50.4

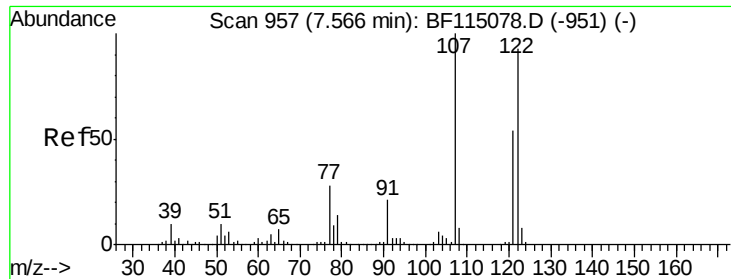


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

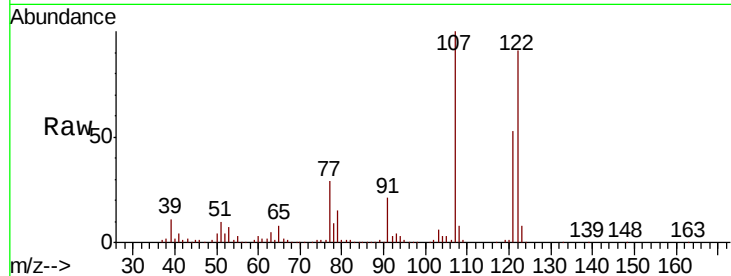




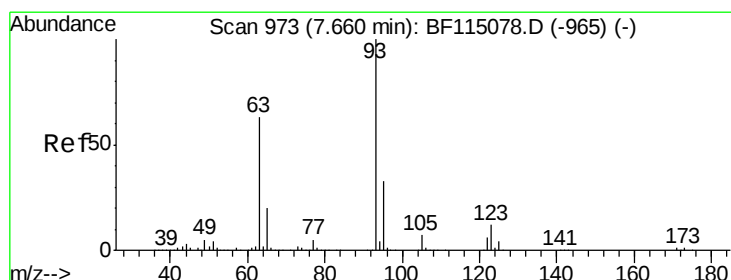
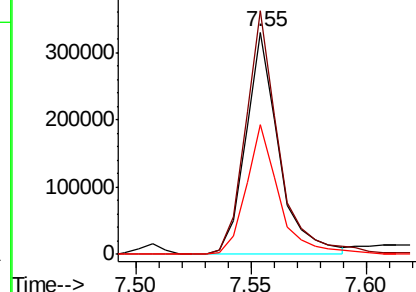
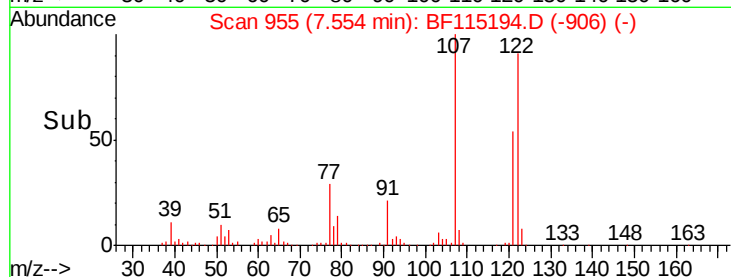
#27
 2,4-Dimethylphenol
 Concen: 31.494 ng
 RT: 7.55 min Scan# 955
 Delta R.T. -0.01 min
 Lab File: BF115194.D
 Acq: 25 Jun 2019 18:24

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4MS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	109.5	85.8	128.6
121	58.5	46.3	69.5

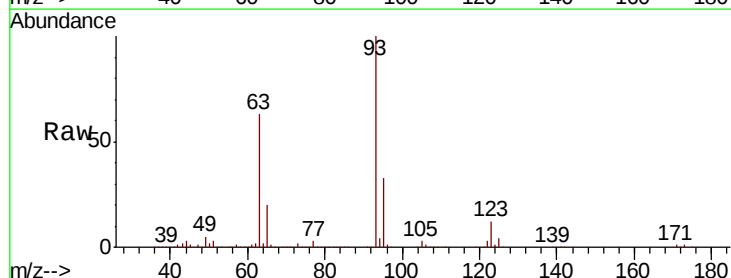


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

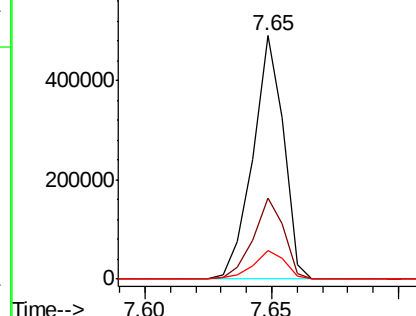
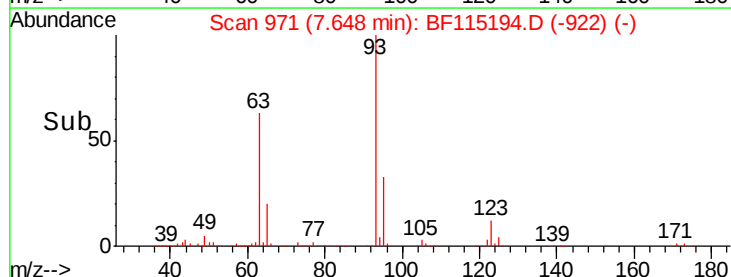


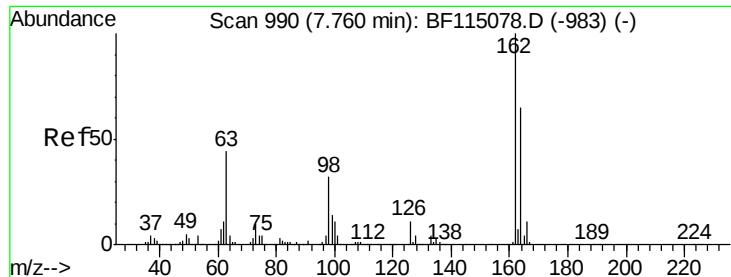
#28
 bis(2-Chloroethoxy)methane
 Concen: 27.374 ng
 RT: 7.65 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: BF115194.D
 Acq: 25 Jun 2019 18:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.2	39.4
123	12.0	9.7	14.5



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

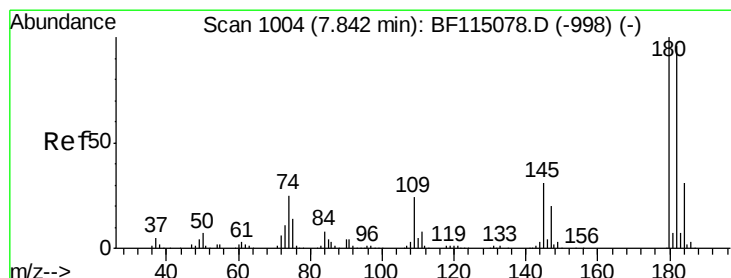
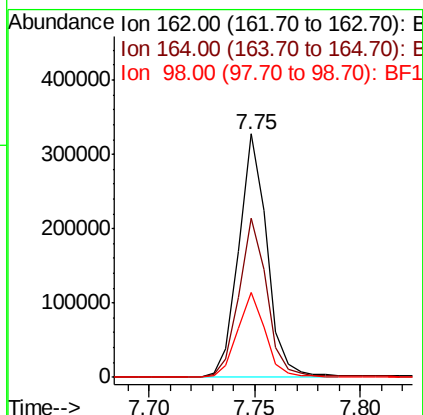
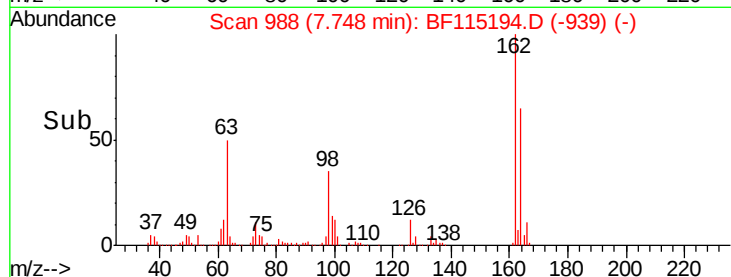
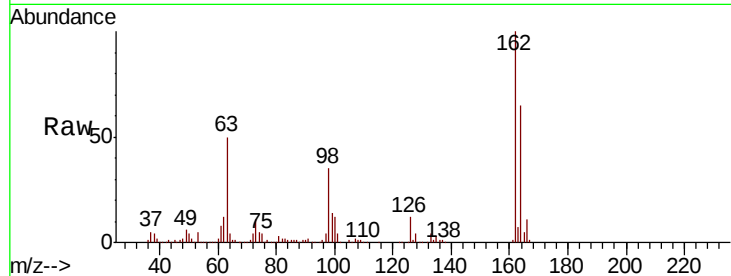




#29
2,4-Dichlorophenol
Concen: 28.197 ng
RT: 7.75 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

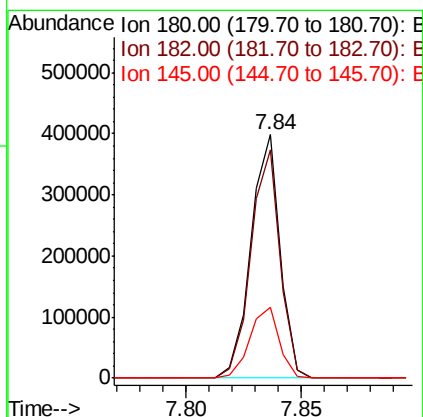
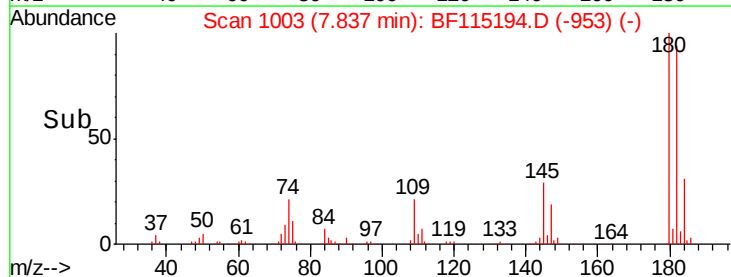
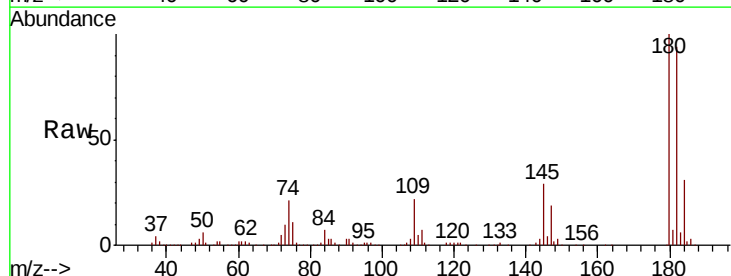
Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

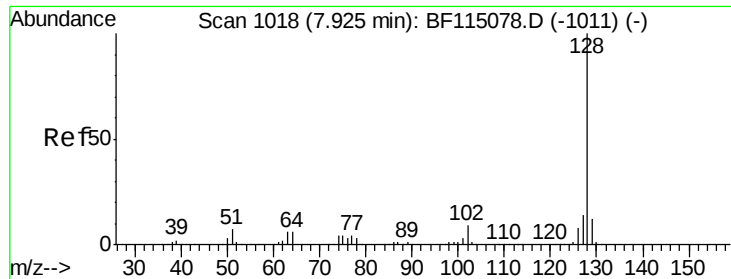
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.2	45.3	85.3
98	34.9	12.5	52.5



#30
1,2,4-Trichlorobenzene
Concen: 29.443 ng
RT: 7.84 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	76.4	114.6
145	28.9	24.8	37.2

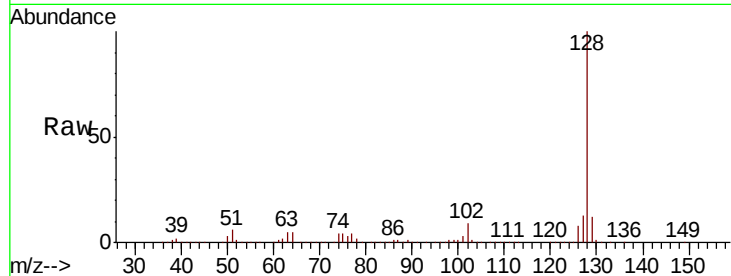




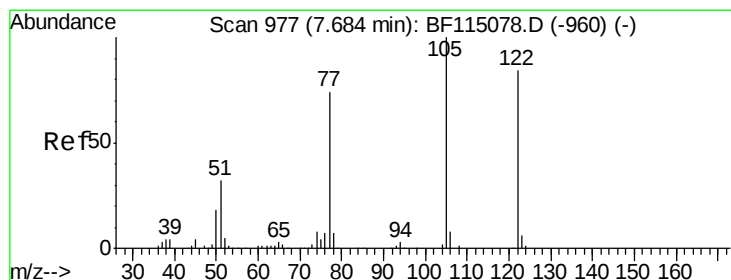
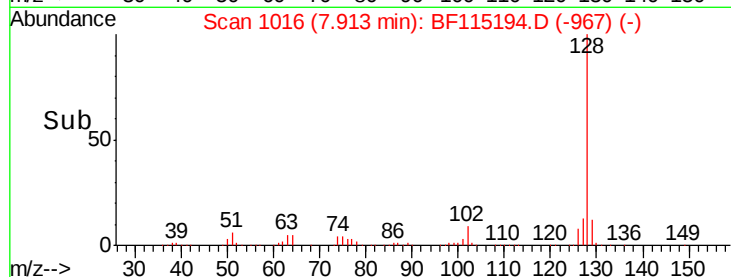
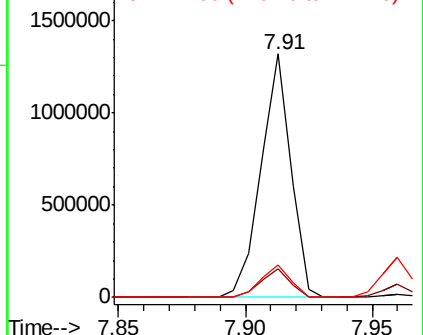
#31
Naphthalene
Concen: 30.604 ng
RT: 7.91 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

Tgt Ion:128 Resp: 1084406
Ion Ratio Lower Upper
128 100
129 11.6 9.6 14.4
127 13.4 11.4 17.0

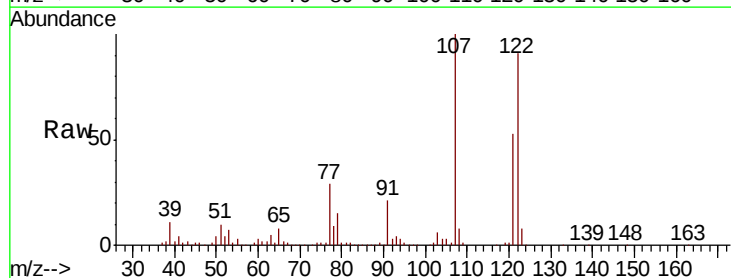


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

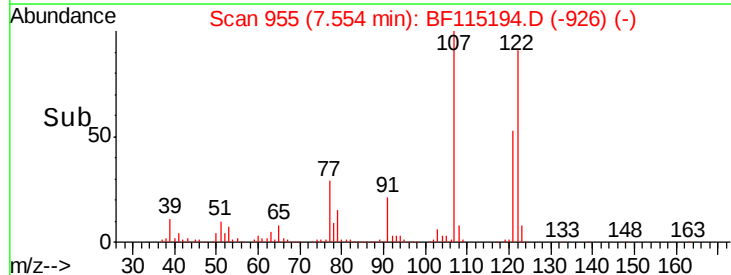
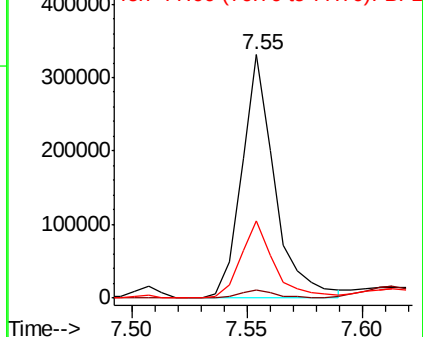


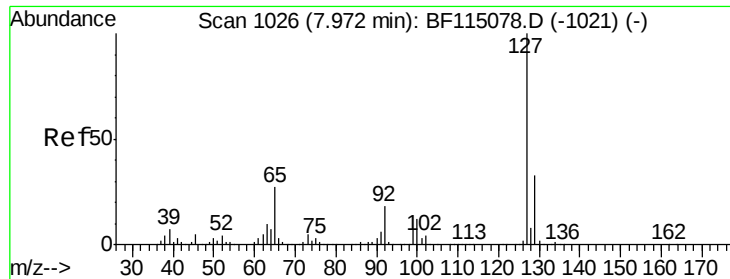
#32
Benzoic acid
Concen: 44.121 ng
RT: 7.55 min Scan# 955
Delta R.T. -0.13 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Tgt Ion:122 Resp: 329199
Ion Ratio Lower Upper
122 100
105 3.4 98.2 138.2#
77 31.6 67.0 107.0#



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

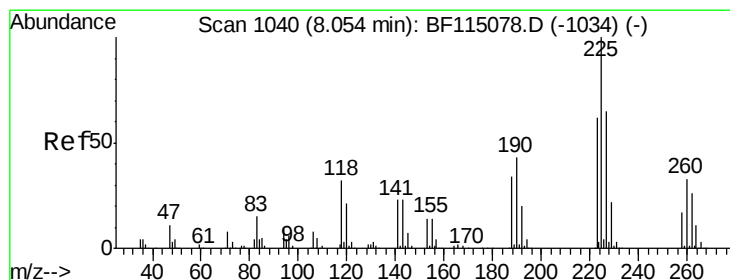
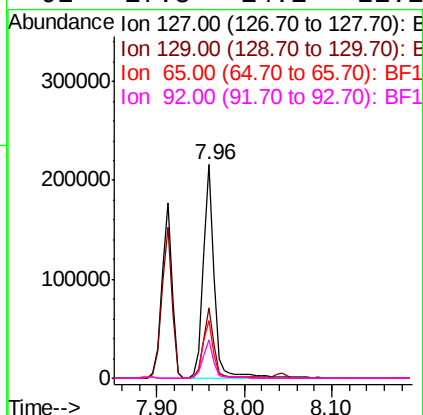
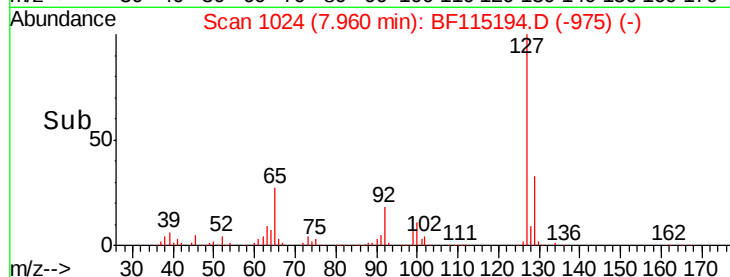
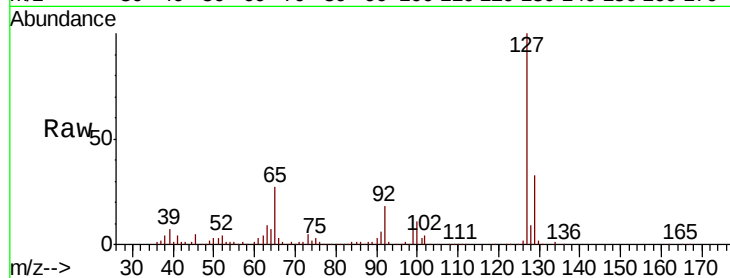




#33
4-Chloroaniline
Concen: 11.829 ng
RT: 7.96 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

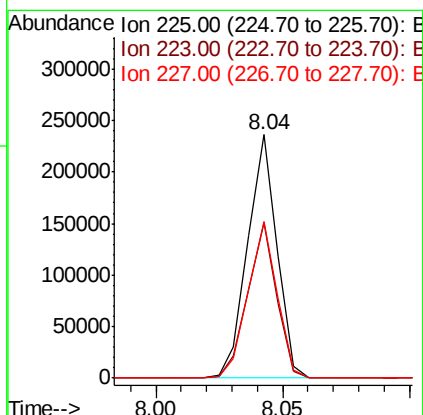
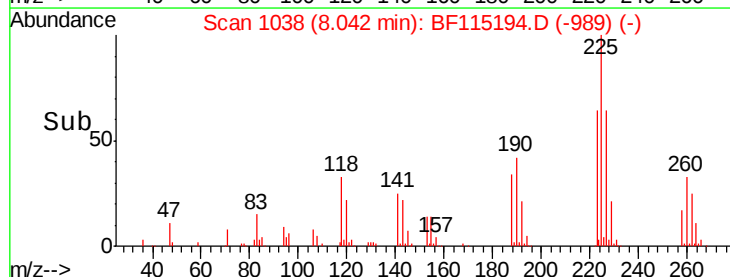
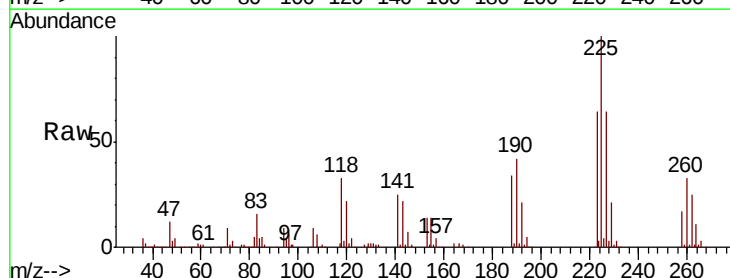
Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

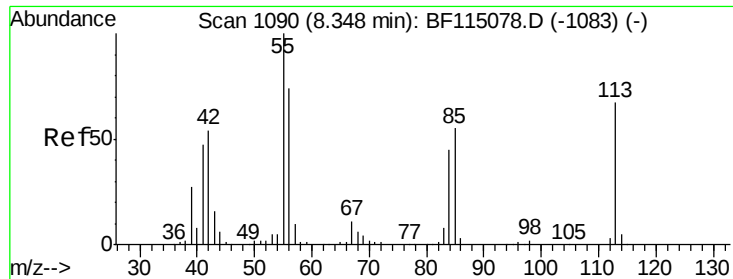
Tgt Ion:	127	Resp:	191558
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.1	39.1
65	26.9	21.4	32.2
92	17.8	14.1	21.1



#34
Hexachlorobutadiene
Concen: 29.052 ng
RT: 8.04 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Tgt Ion:	225	Resp:	189697
Ion	Ratio	Lower	Upper
225	100		
223	63.5	49.4	74.2
227	64.5	51.8	77.8

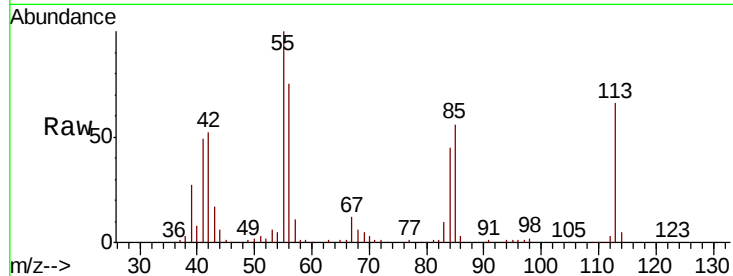




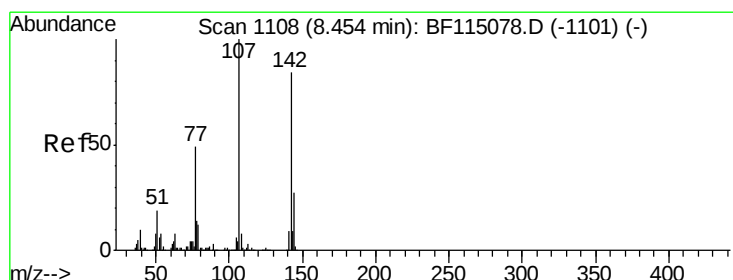
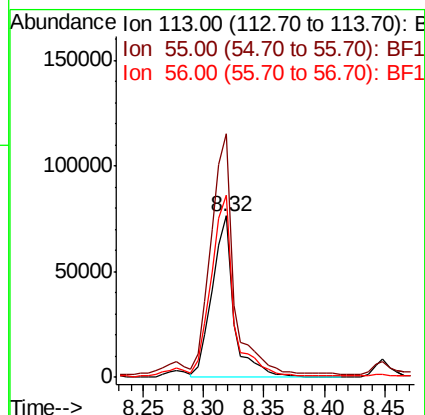
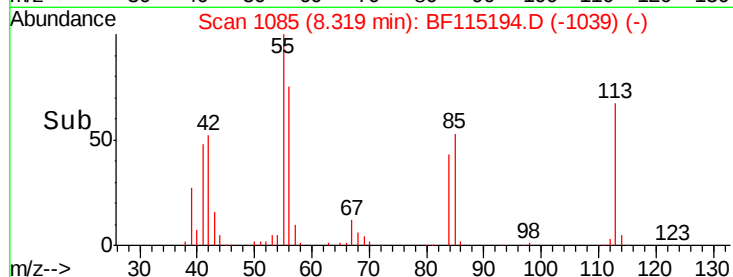
#35
 Caprolactam
 Concen: 26.253 ng
 RT: 8.32 min Scan# 1085
 Delta R.T. -0.03 min
 Lab File: BF115194.D
 Acq: 25 Jun 2019 18:24

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4MS

Tgt Ion:113 Resp: 95214
 Ion Ratio Lower Upper
 113 100
 55 150.7 130.2 170.2
 56 113.0 91.6 131.6

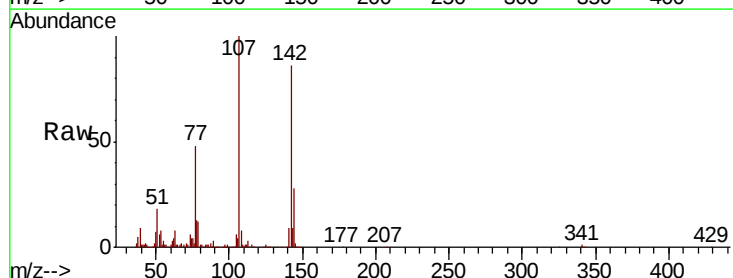


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

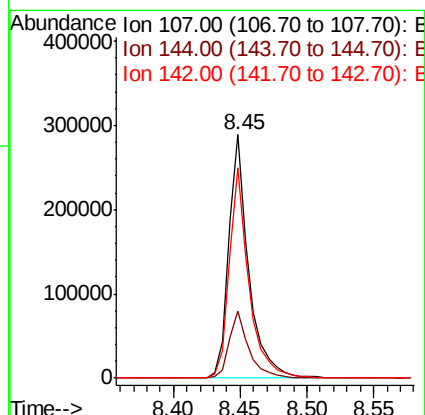
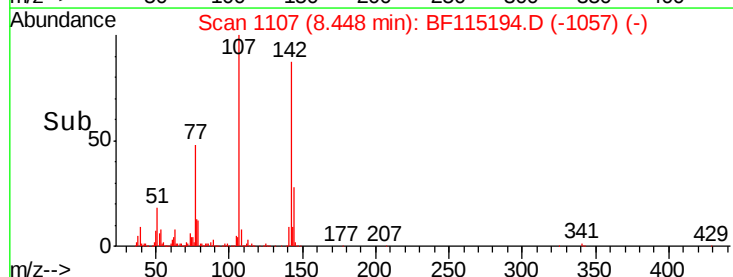


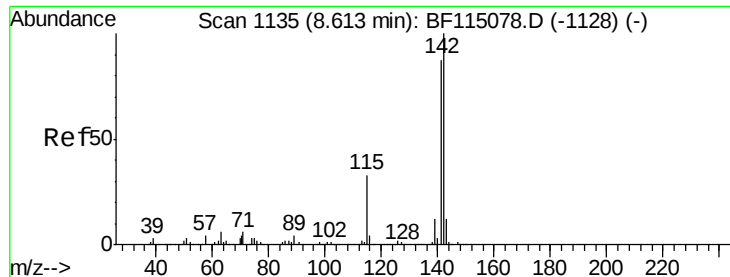
#36
 4-Chloro-3-methylphenol
 Concen: 27.833 ng
 RT: 8.45 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: BF115194.D
 Acq: 25 Jun 2019 18:24

Tgt Ion:107 Resp: 304064
 Ion Ratio Lower Upper
 107 100
 144 27.5 21.7 32.5
 142 86.4 67.0 100.4



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

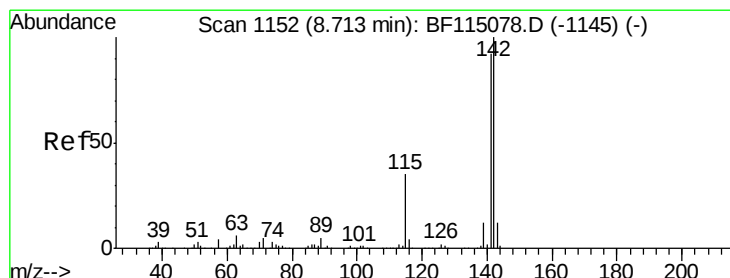
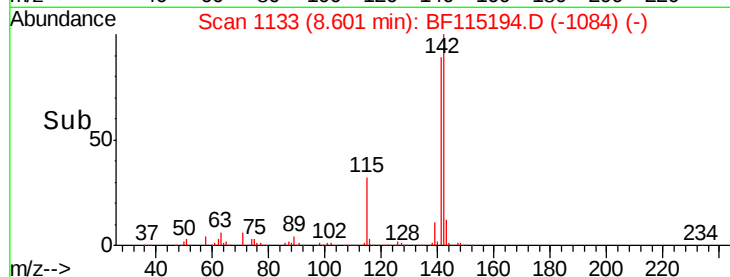
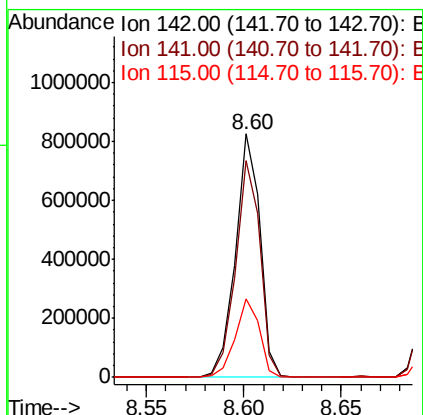
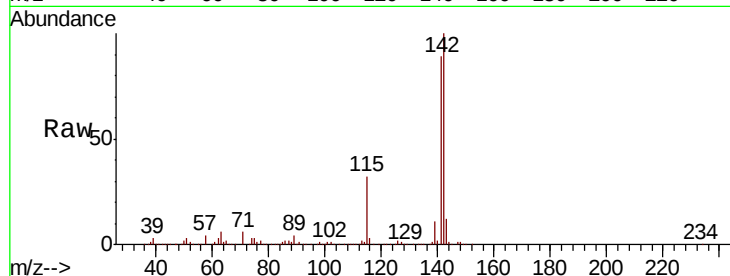




#37
 2-Methylnaphthalene
 Concen: 30.199 ng
 RT: 8.60 min Scan# 1133
 Delta R.T. -0.01 min
 Lab File: BF115194.D
 Acq: 25 Jun 2019 18:24

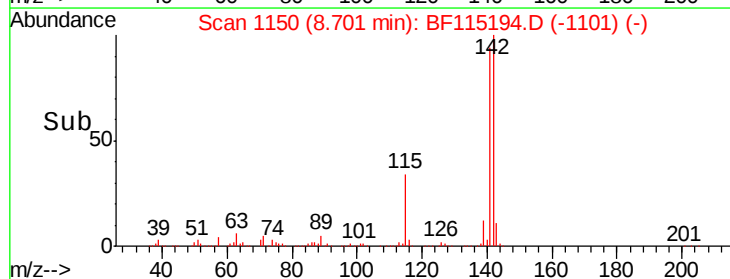
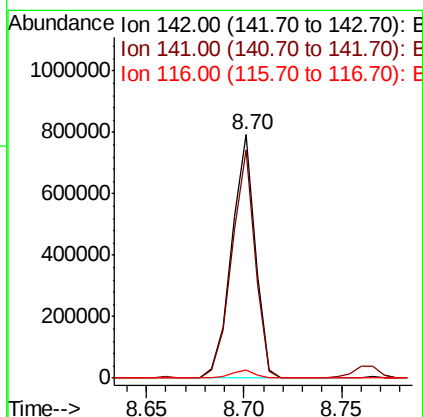
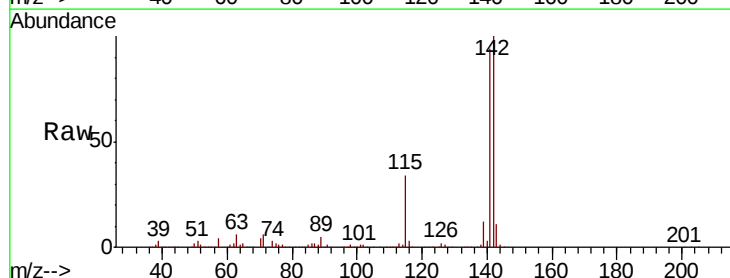
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4MS

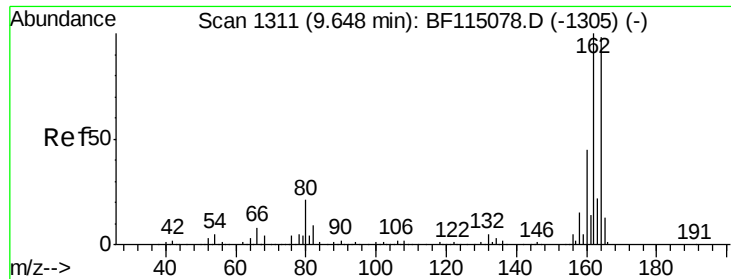
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.1	69.8	104.6
115	32.4	26.7	40.1



#38
 1-Methylnaphthalene
 Concen: 29.079 ng
 RT: 8.70 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF115194.D
 Acq: 25 Jun 2019 18:24

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.7	73.8	110.8
116	3.5	2.8	4.2

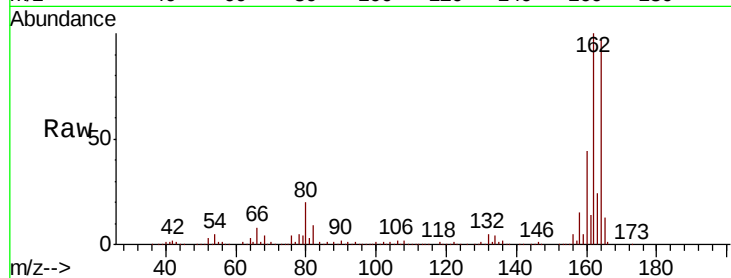




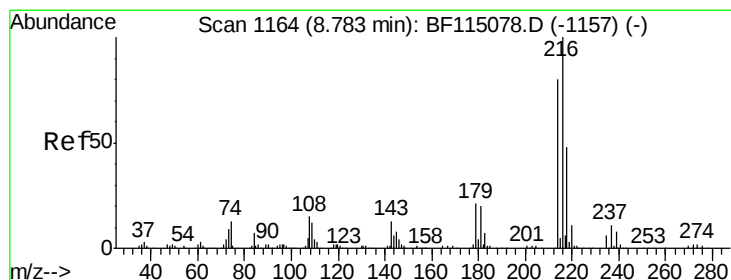
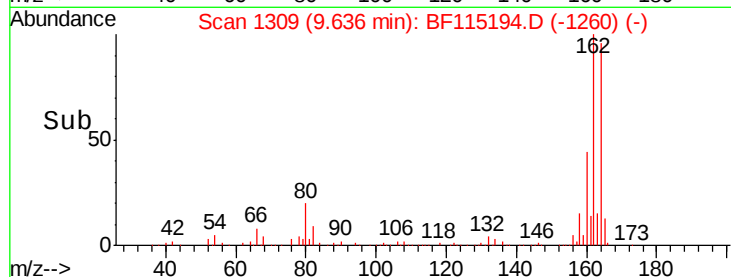
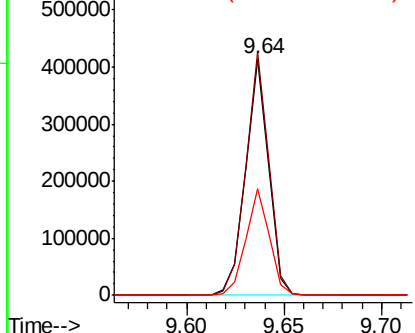
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

Tgt Ion:164 Resp: 337115
Ion Ratio Lower Upper
164 100
162 103.1 81.7 122.5
160 45.4 37.0 55.4

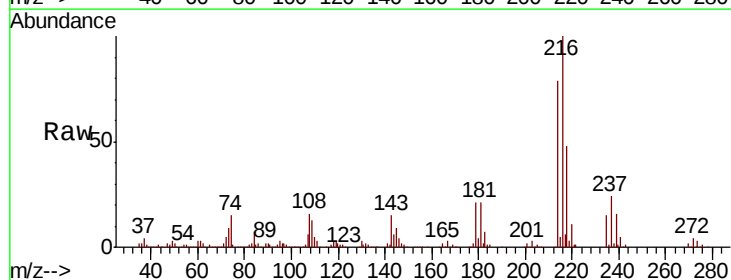


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

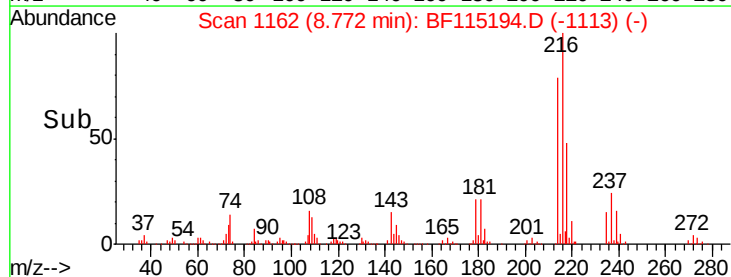
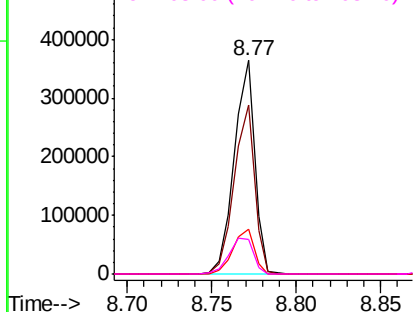


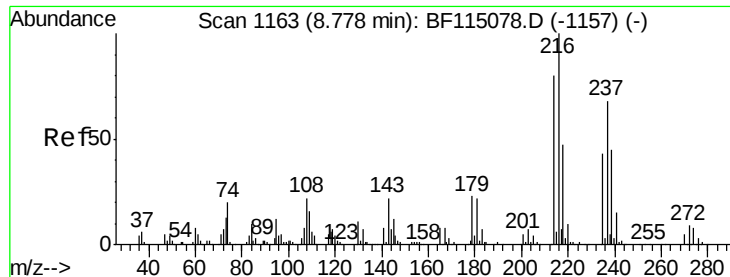
#40
1,2,4,5-Tetrachlorobenzene
Concen: 32.175 ng
RT: 8.77 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Tgt Ion:216 Resp: 306505
Ion Ratio Lower Upper
216 100
214 78.9 63.8 95.6
179 21.7 17.6 26.4
108 20.2 15.7 23.5



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: 48.829 ng

RT: 8.77 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BF115194.D

Acq: 25 Jun 2019 18:24

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MS

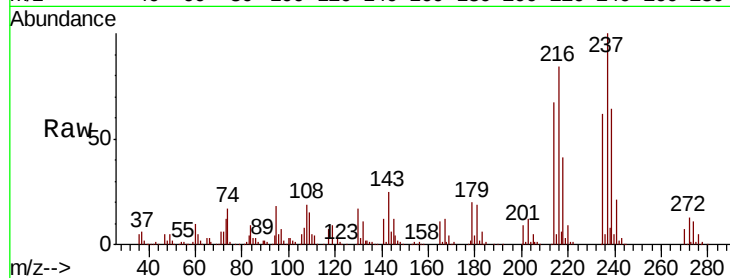
Tgt Ion: 237 Resp: 275823

Ion Ratio Lower Upper

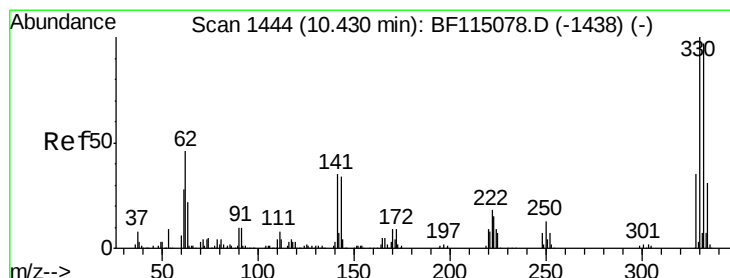
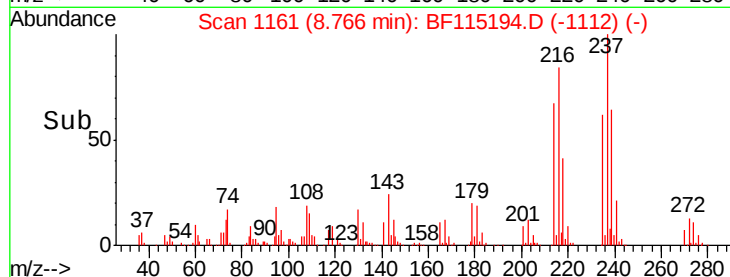
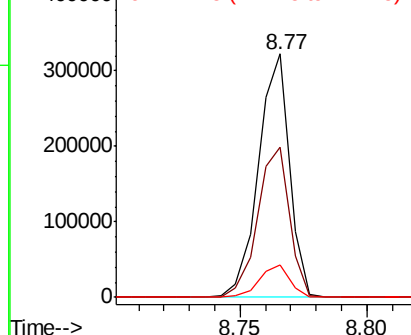
237 100

235 61.9 43.9 83.9

272 13.3 0.0 33.8



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: 104.590 ng

RT: 10.42 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF115194.D

Acq: 25 Jun 2019 18:24

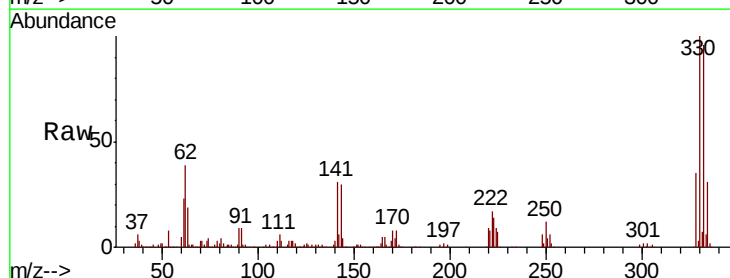
Tgt Ion: 330 Resp: 371819

Ion Ratio Lower Upper

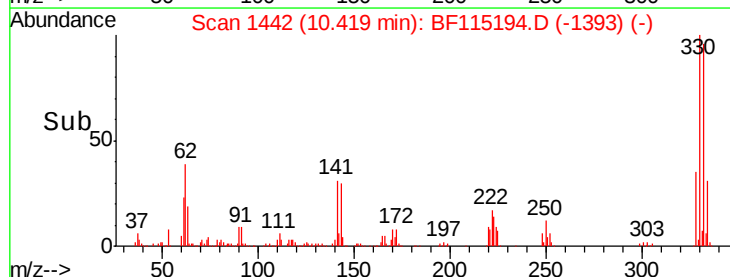
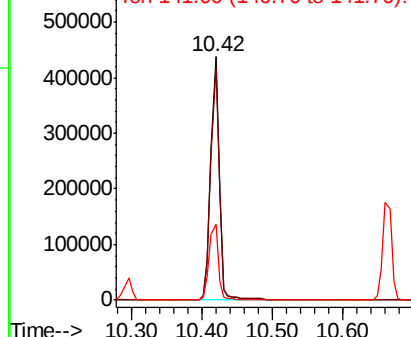
330 100

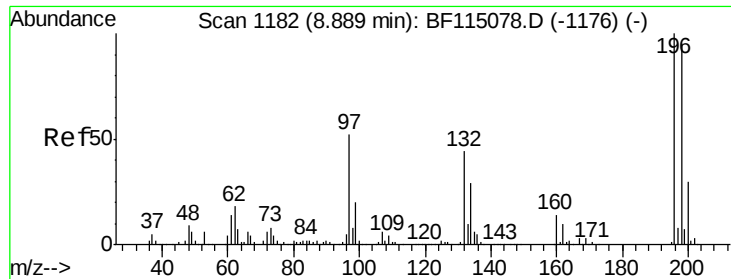
332 95.9 77.3 115.9

141 33.5 28.2 42.2



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

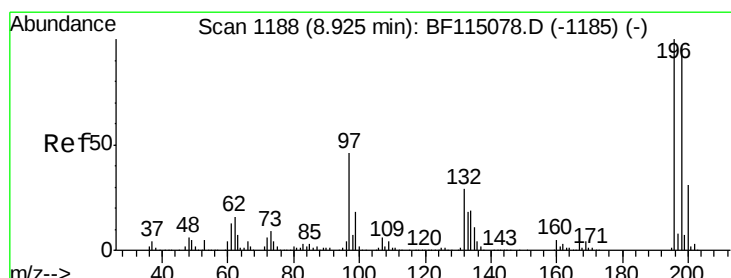
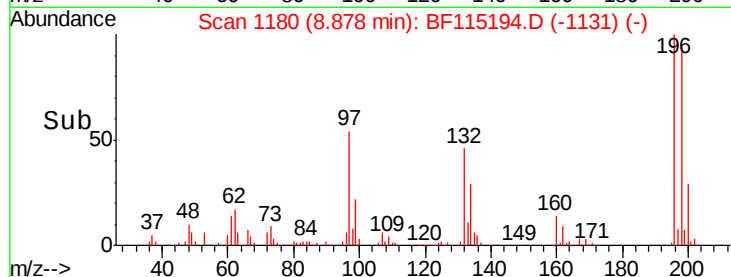
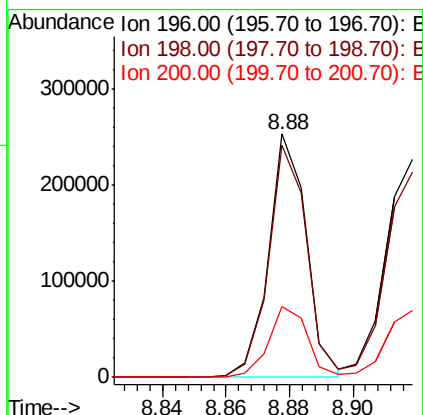
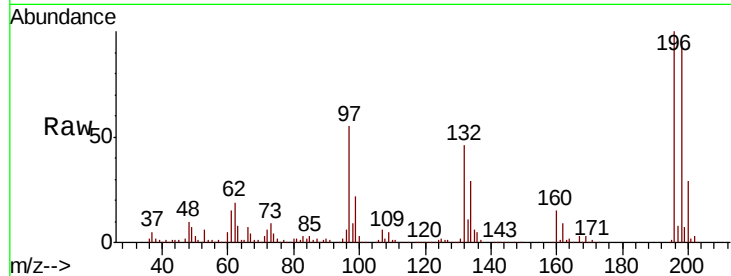




#43
 2,4,6-Trichlorophenol
 Concen: 28.623 ng
 RT: 8.88 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF115194.D
 Acq: 25 Jun 2019 18:24

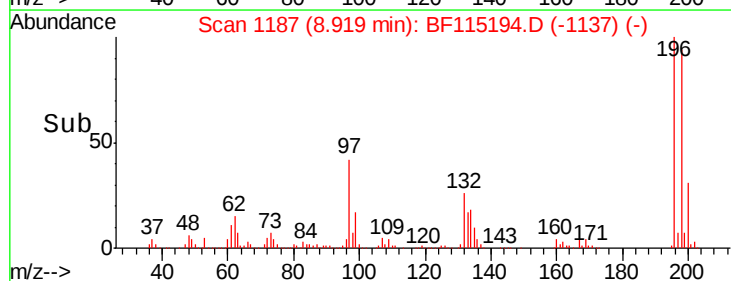
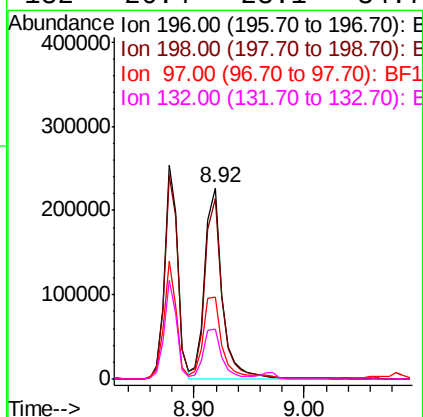
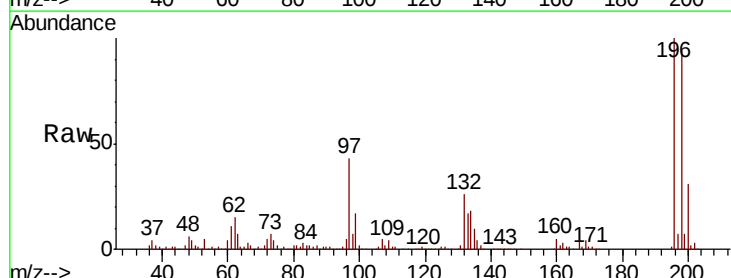
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4MS

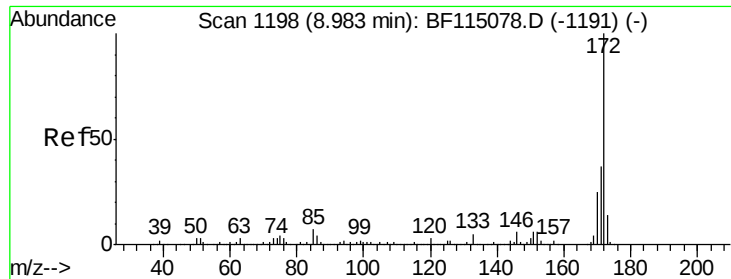
Tgt Ion:196 Resp: 210512
 Ion Ratio Lower Upper
 196 100
 198 95.2 76.3 114.5
 200 29.2 24.2 36.4



#44
 2,4,5-Trichlorophenol
 Concen: 31.966 ng
 RT: 8.92 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF115194.D
 Acq: 25 Jun 2019 18:24

Tgt Ion:196 Resp: 242110
 Ion Ratio Lower Upper
 196 100
 198 94.2 77.1 115.7
 97 42.6 37.7 56.5
 132 26.4 23.1 34.7

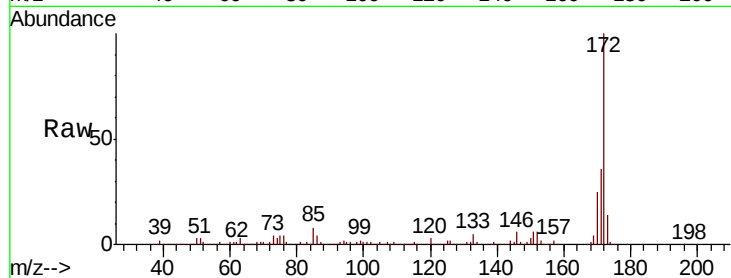




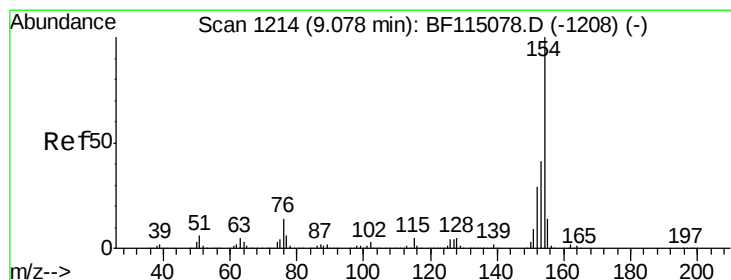
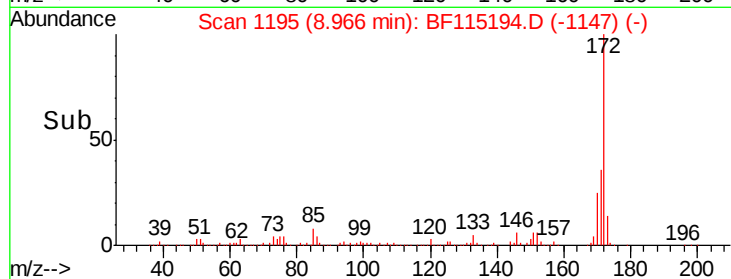
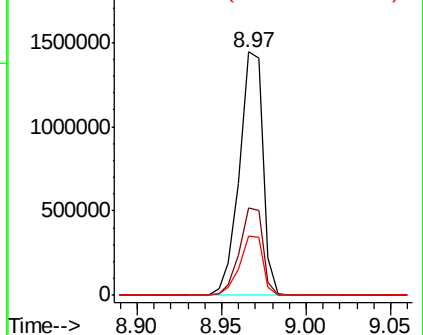
#45
 2-Fluorobiphenyl
 Concen: 70.934 ng
 RT: 8.97 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BF115194.D
 Acq: 25 Jun 2019 18:24

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4MS

Tgt Ion:172 Resp: 1407785
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.8 44.6
 170 24.5 20.3 30.5

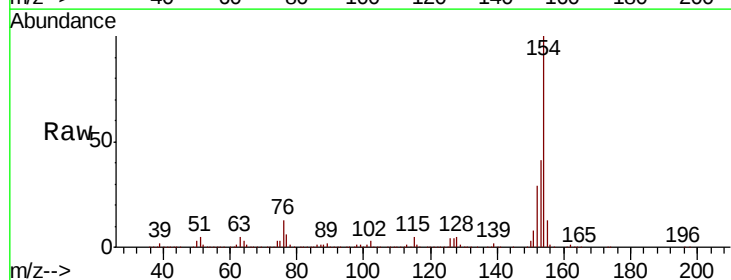


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

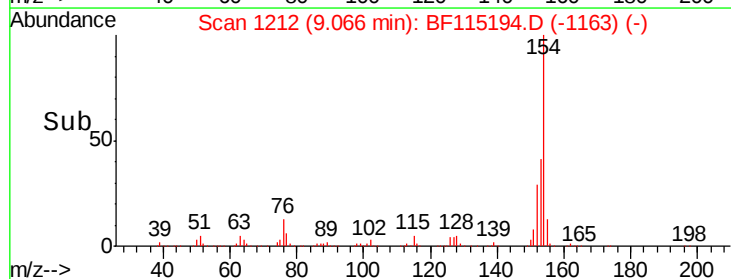
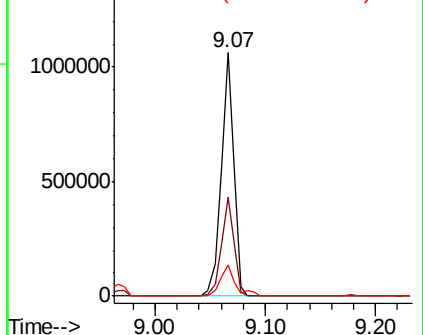


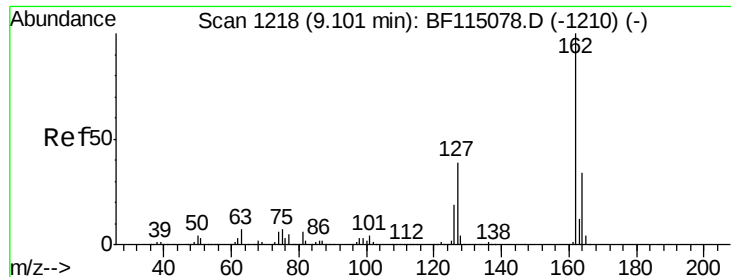
#46
 1,1'-Biphenyl
 Concen: 31.289 ng
 RT: 9.07 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF115194.D
 Acq: 25 Jun 2019 18:24

Tgt Ion:154 Resp: 843988
 Ion Ratio Lower Upper
 154 100
 153 40.6 20.9 60.9
 76 12.7 0.0 34.1



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

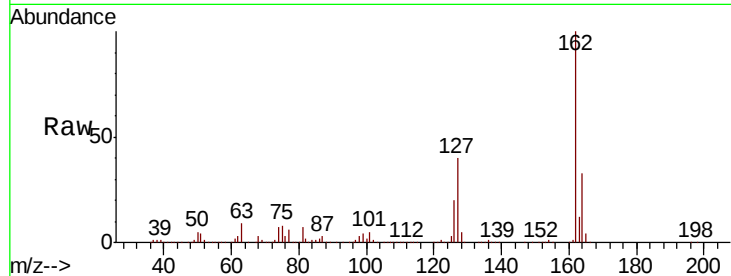




#47
2-Chloronaphthalene
Concen: 30.350 ng
RT: 9.08 min Scan# 1215
Delta R.T. -0.02 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.8	30.8	46.2
164	33.1	27.0	40.4

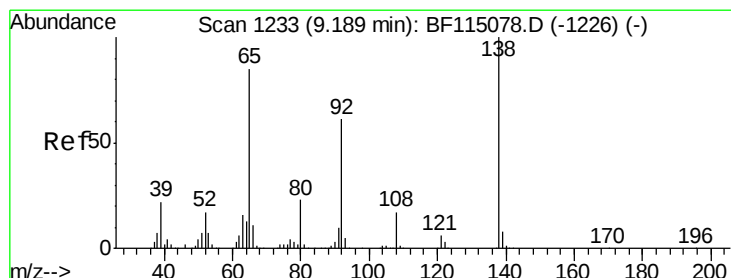
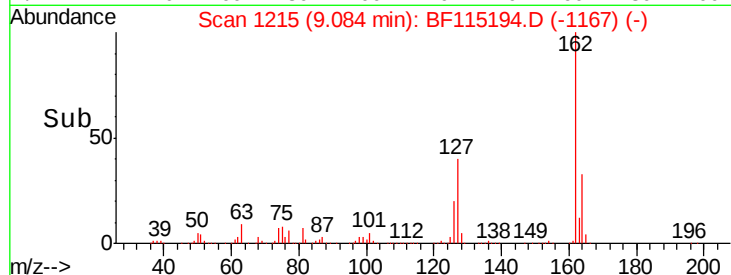
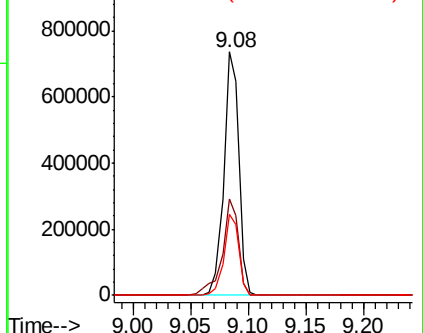


Abundance

Ion 162.00 (161.70 to 162.70): E

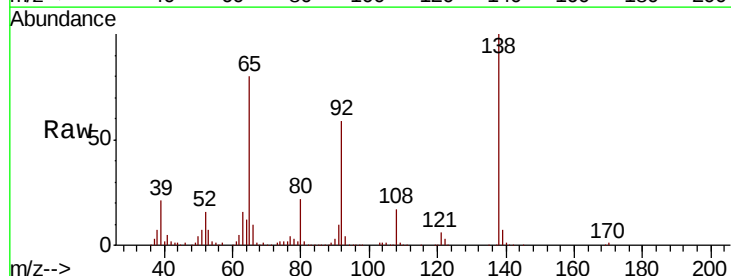
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 29.070 ng
RT: 9.18 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.9	57.4	86.2
138	124.6	94.1	141.1

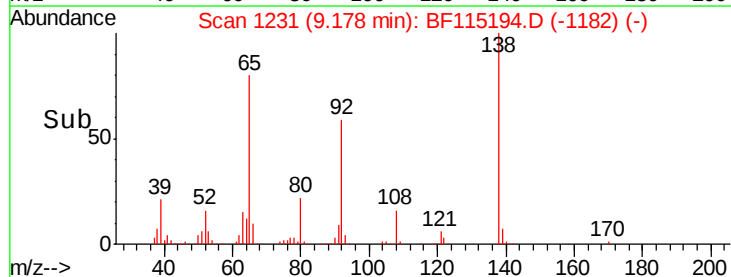
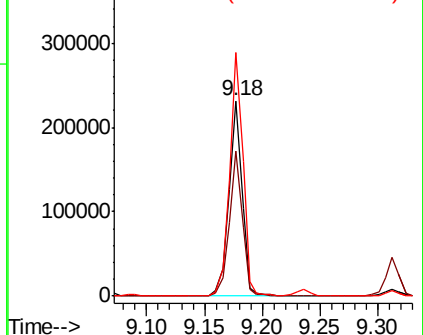


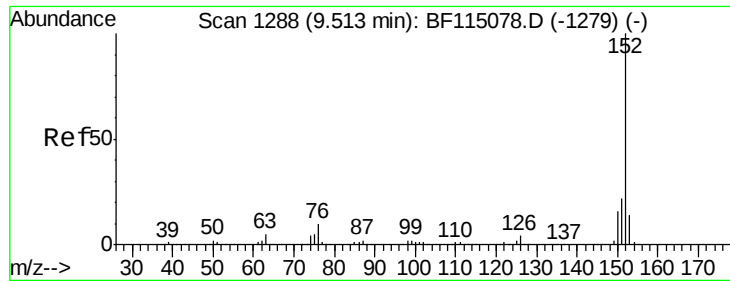
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 30.917 ng

RT: 9.50 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BF115194.D

Acq: 25 Jun 2019 18:24

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MS

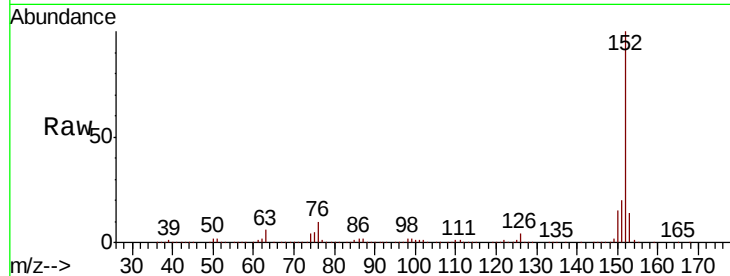
Tgt Ion:152 Resp: 1053941

Ion Ratio Lower Upper

152 100

151 20.4 17.2 25.8

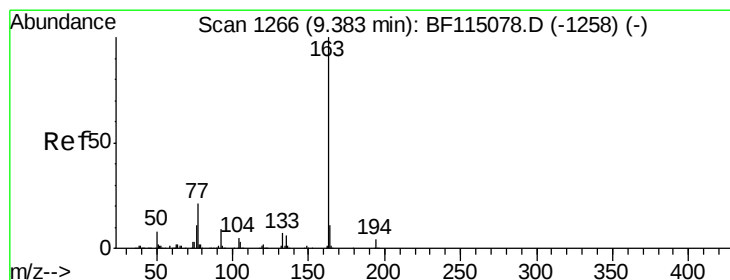
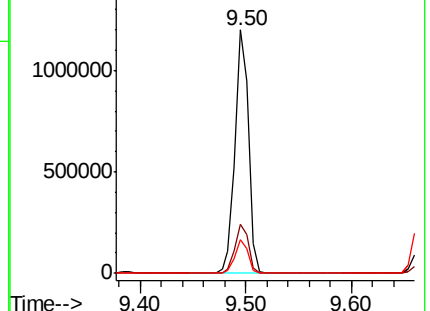
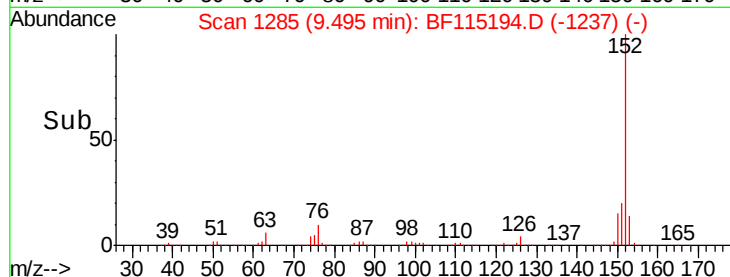
153 13.6 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.068 ng

RT: 9.37 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BF115194.D

Acq: 25 Jun 2019 18:24

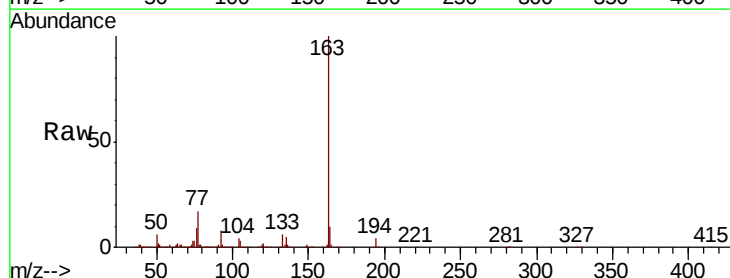
Tgt Ion:163 Resp: 1092977

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

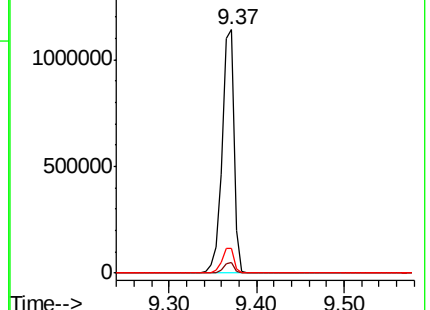
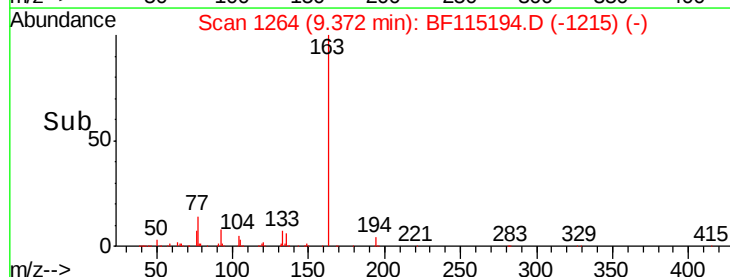
164 10.1 8.6 13.0

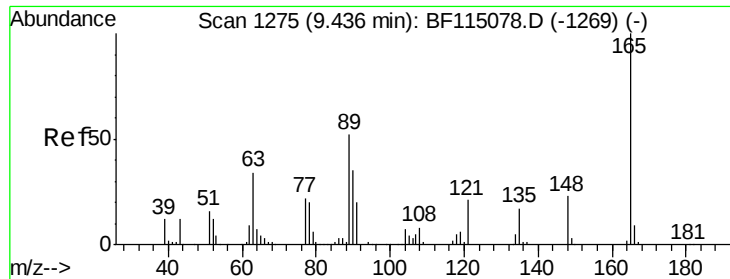


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

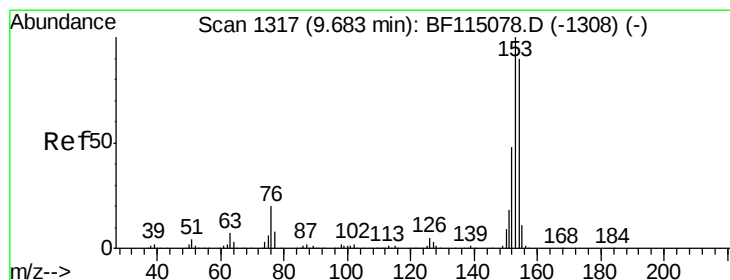
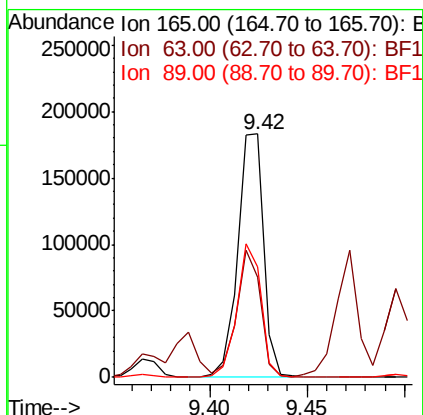
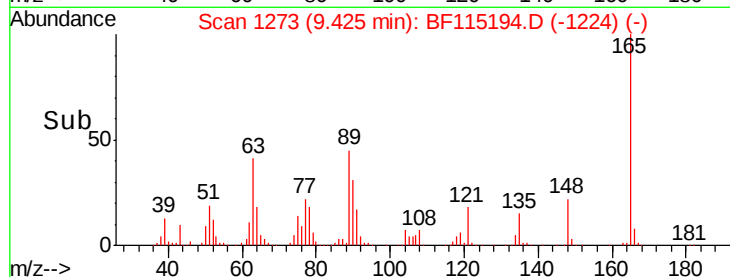
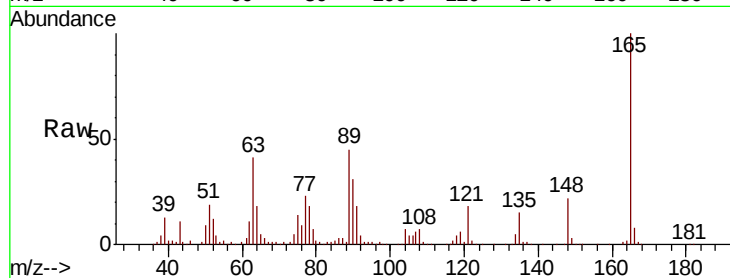




#51
2,6-Dinitrotoluene
Concen: 29.567 ng
RT: 9.42 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

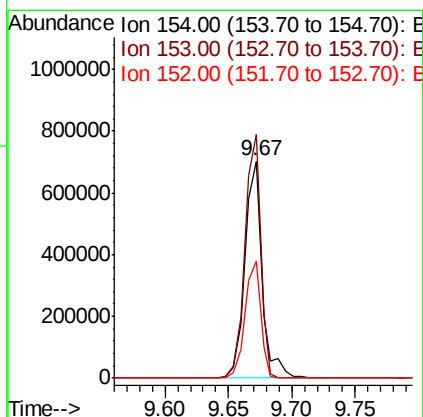
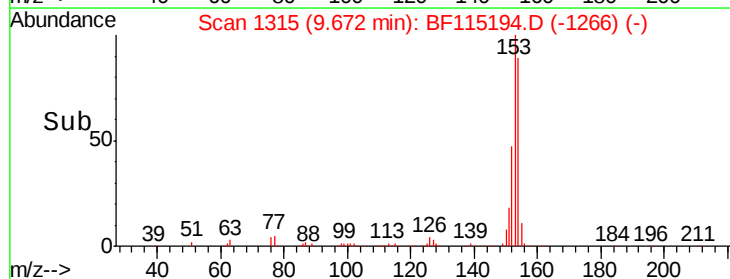
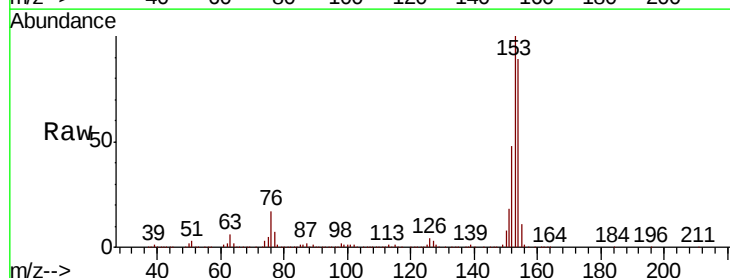
Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

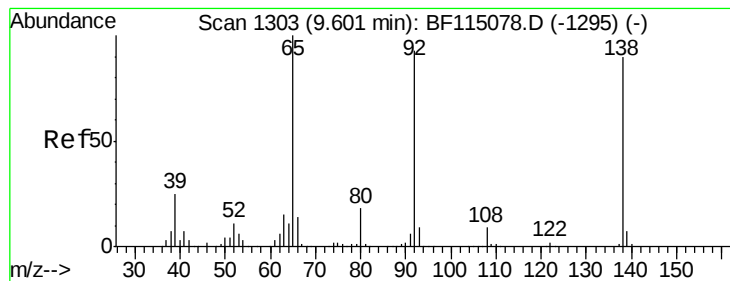
Tgt Ion	Ratio	Lower	Upper
165	100		
63	41.2	39.4	59.2
89	45.2	42.0	63.0



#52
Acenaphthene
Concen: 30.850 ng
RT: 9.67 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.2	88.7	133.1
152	53.6	42.6	64.0





#53

3-Nitroaniline

Concen: 20.081 ng

RT: 9.58 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BF115194.D

Acq: 25 Jun 2019 18:24

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MS

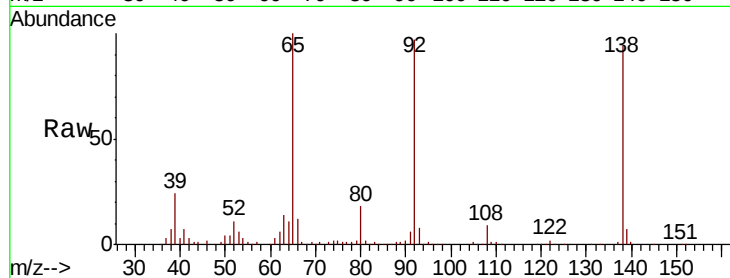
Tgt Ion:138 Resp: 140320

Ion Ratio Lower Upper

138 100

108 9.5 7.8 11.6

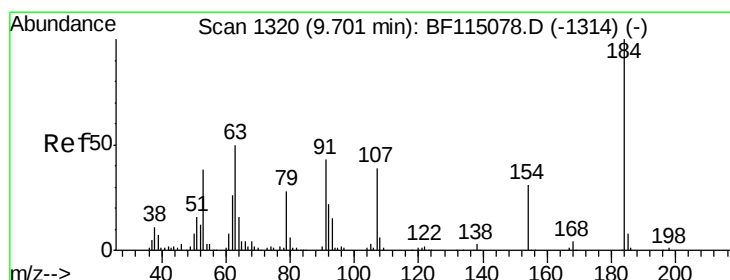
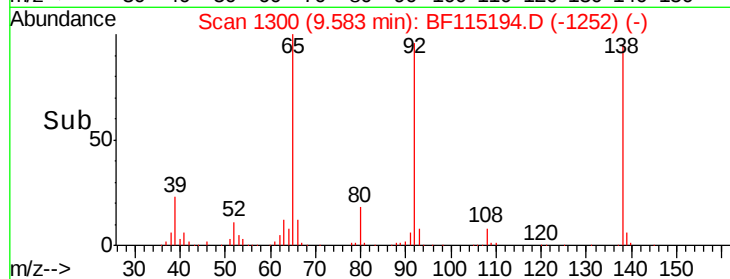
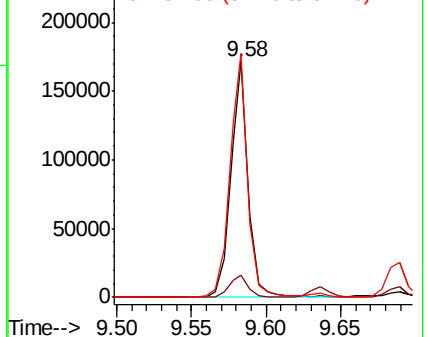
92 103.2 82.9 124.3



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



#54

2,4-Dinitrophenol

Concen: 36.008 ng

RT: 9.69 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF115194.D

Acq: 25 Jun 2019 18:24

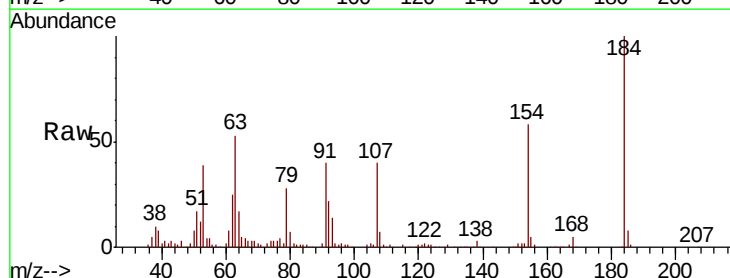
Tgt Ion:184 Resp: 92994

Ion Ratio Lower Upper

184 100

63 53.0 41.9 62.9

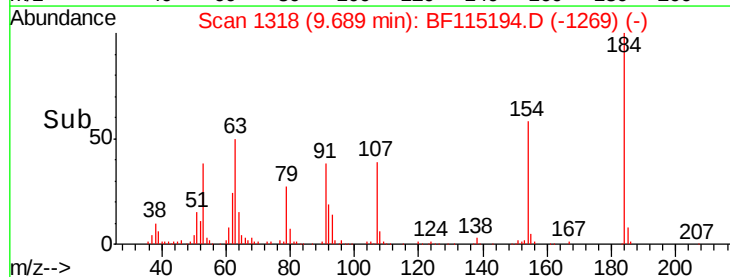
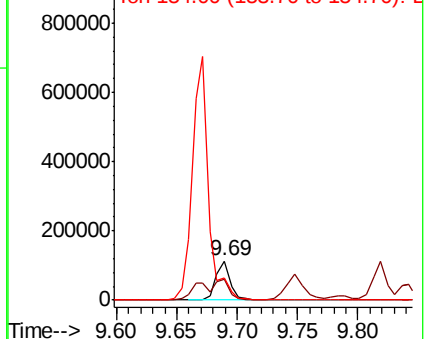
154 57.5 44.7 67.1

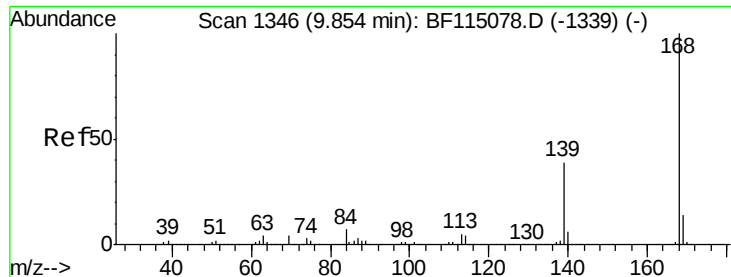


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

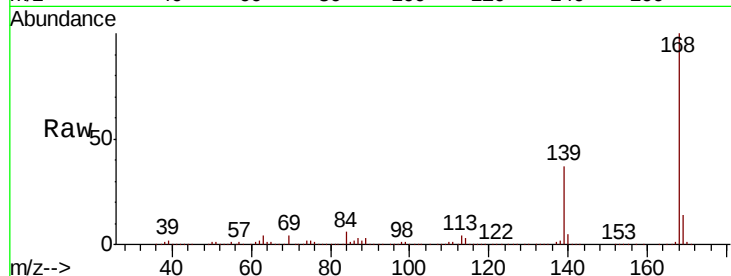




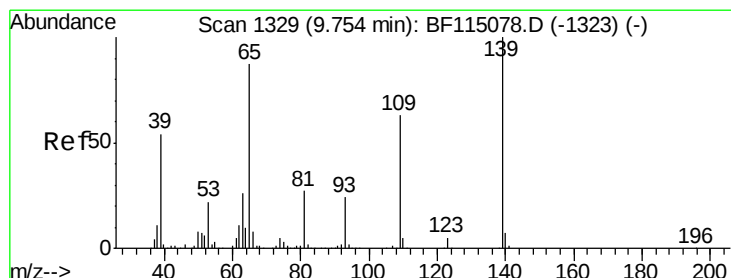
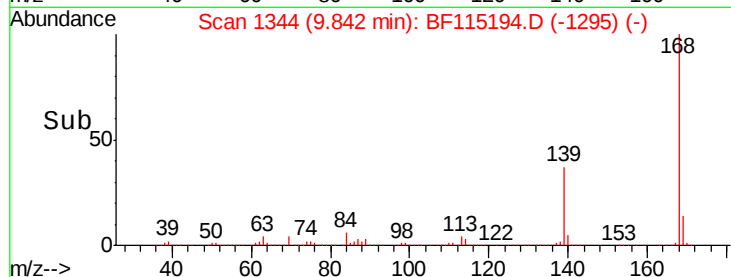
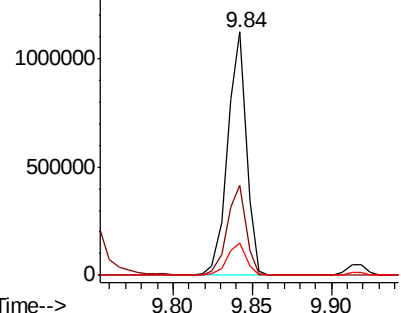
#55
Dibenzenofuran
Concen: 29.978 ng
RT: 9.84 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

Tgt Ion:168 Resp: 917835
Ion Ratio Lower Upper
168 100
139 36.9 31.1 46.7
169 13.6 11.3 16.9

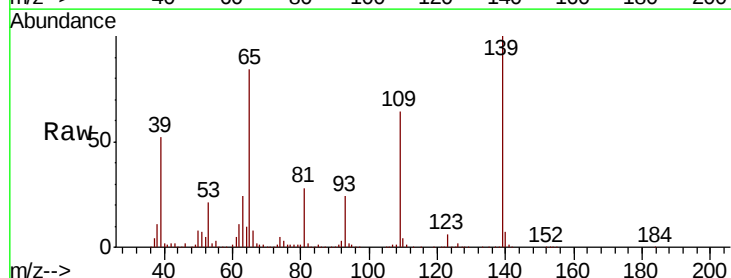


Abundance Ion 168.00 (167.70 to 168.70): E
1500000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

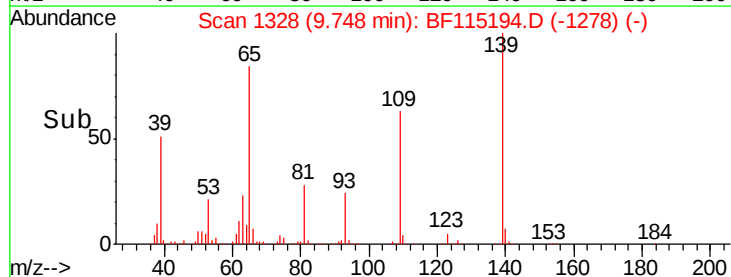
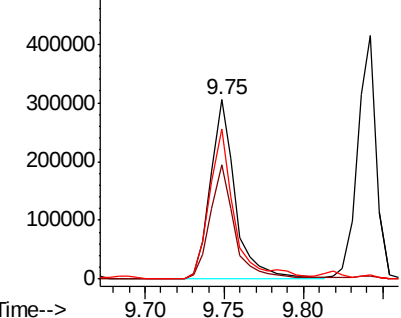


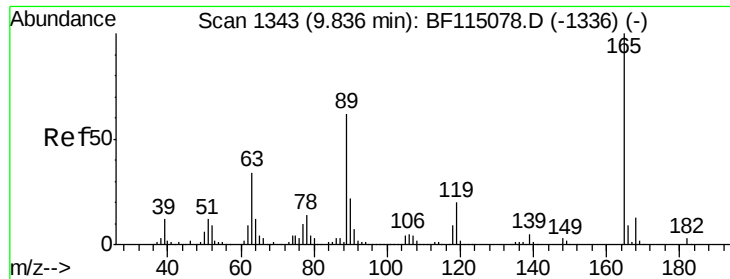
#56
4-Nitrophenol
Concen: 59.598 ng
RT: 9.75 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Tgt Ion:139 Resp: 333873
Ion Ratio Lower Upper
139 100
109 63.6 43.0 83.0
65 83.9 67.0 107.0



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

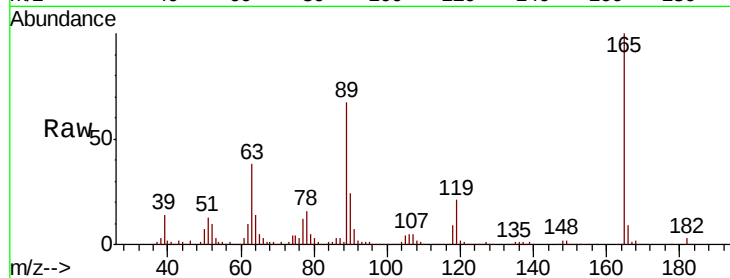




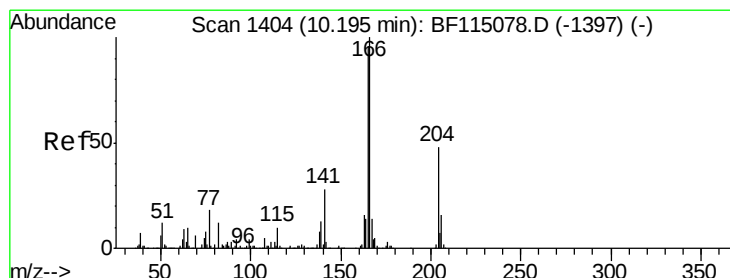
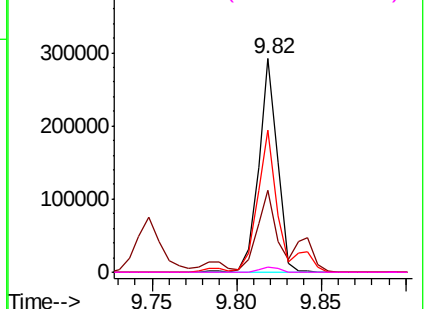
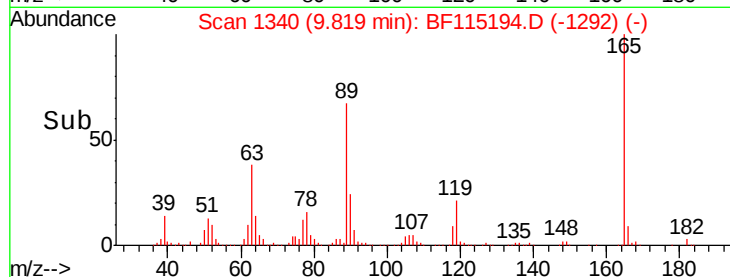
#57
2,4-Dinitrotoluene
Concen: 30.484 ng
RT: 9.82 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

Tgt Ion:	165	Resp:	225382
Ion	Ratio	Lower	Upper
165	100		
63	38.2	27.5	41.3
89	66.7	49.9	74.9
182	2.7	2.1	3.1

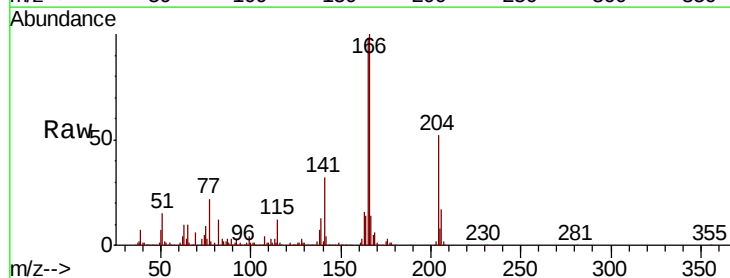


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

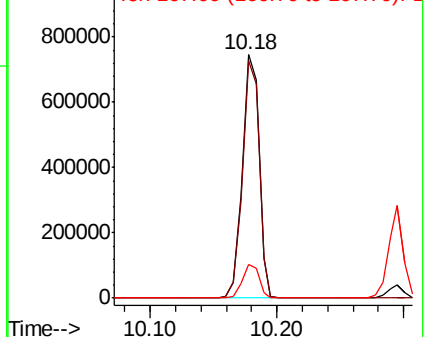
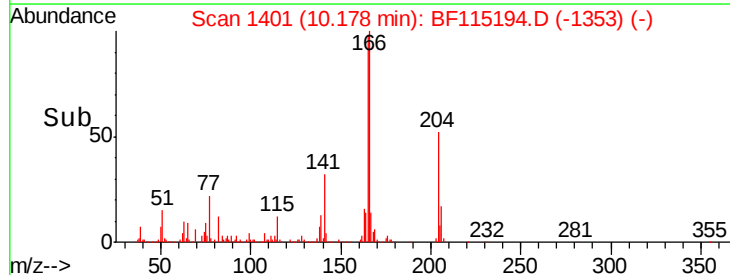


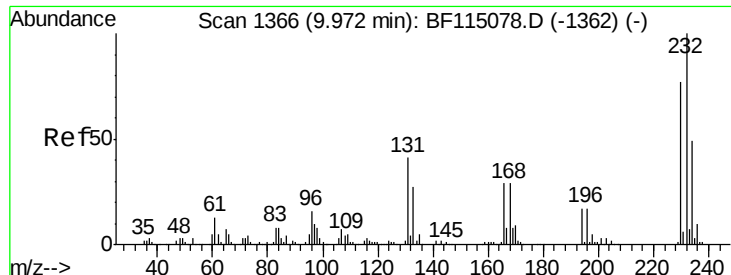
#58
Fluorene
Concen: 31.182 ng
RT: 10.18 min Scan# 1401
Delta R.T. -0.02 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Tgt Ion:	166	Resp:	676870
Ion	Ratio	Lower	Upper
166	100		
165	97.7	76.5	114.7
167	13.7	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

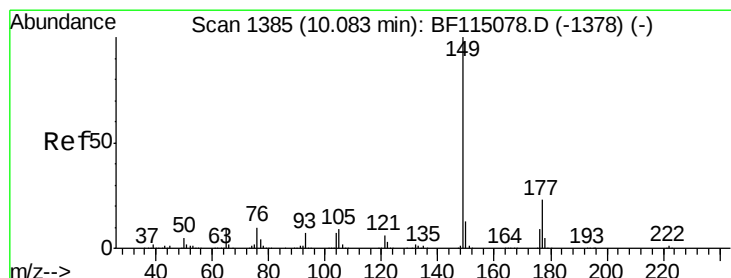
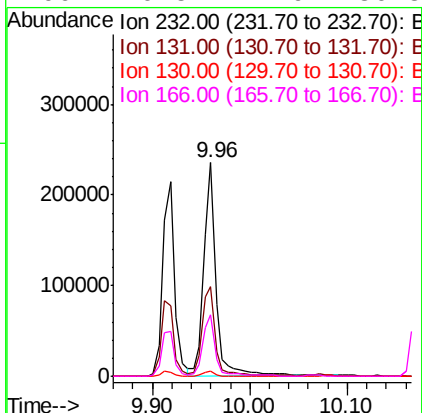
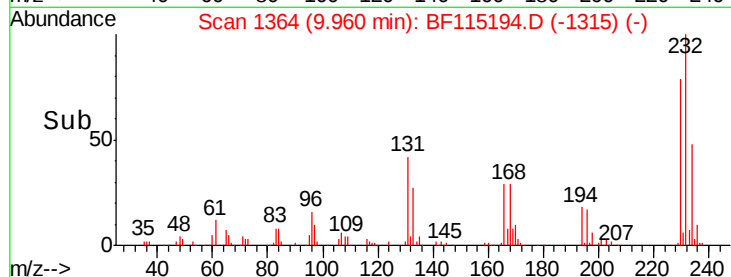
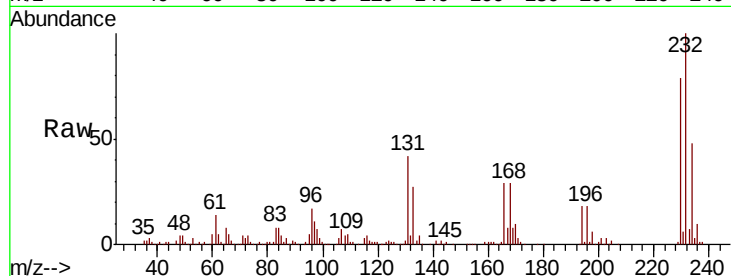




#59
2,3,4,6-Tetrachlorophenol
Concen: 32.332 ng
RT: 9.96 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

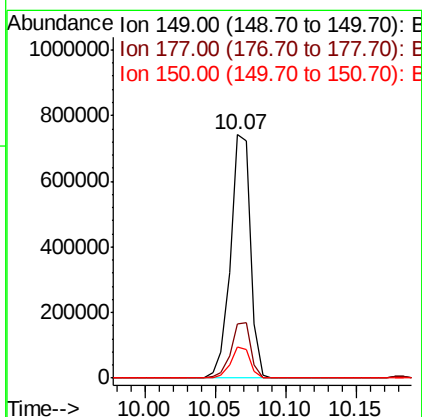
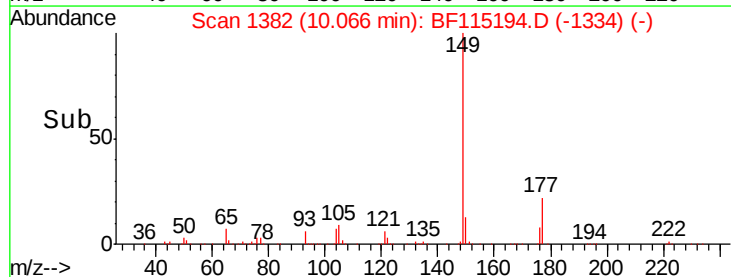
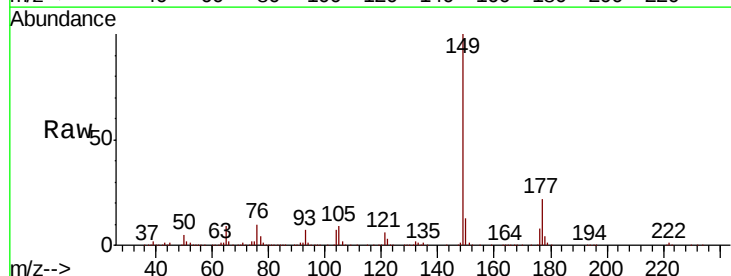
Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

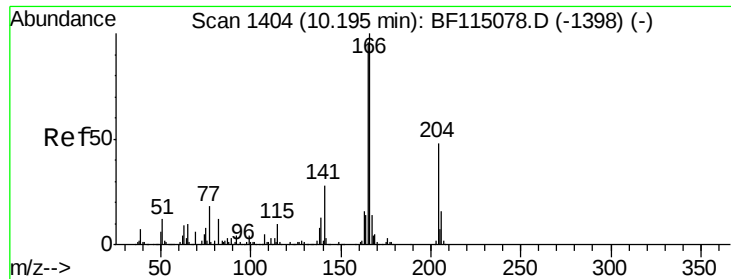
Tgt Ion:	232	Resp:	205336
Ion	Ratio	Lower	Upper
232	100		
131	45.3	37.4	56.0
130	2.2	1.8	2.6
166	29.5	24.6	36.8



#60
Diethylphthalate
Concen: 29.221 ng
RT: 10.07 min Scan# 1382
Delta R.T. -0.02 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Tgt Ion:	149	Resp:	728531
Ion	Ratio	Lower	Upper
149	100		
177	22.4	18.7	28.1
150	12.9	10.4	15.6

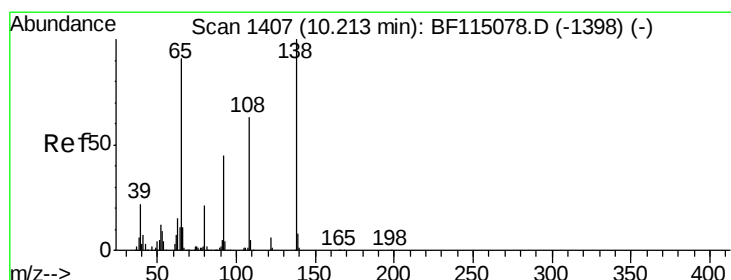
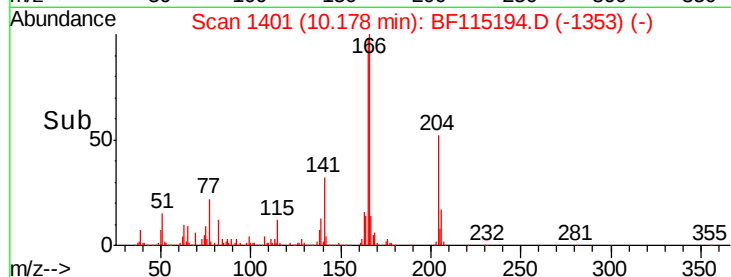
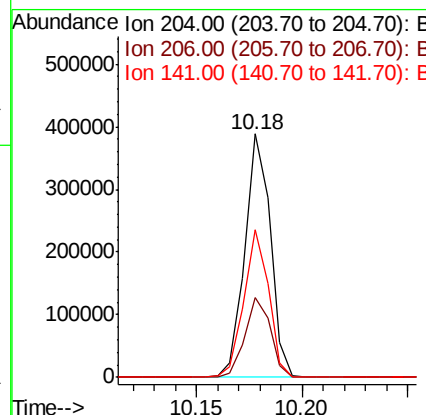
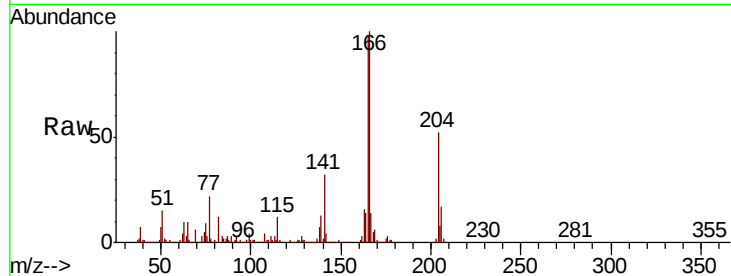




#61
 4-Chlorophenyl-phenylether
 Concen: 31.340 ng
 RT: 10.18 min Scan# 1401
 Delta R.T. -0.02 min
 Lab File: BF115194.D
 Acq: 25 Jun 2019 18:24

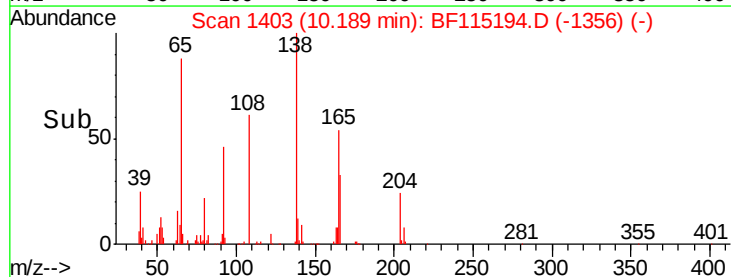
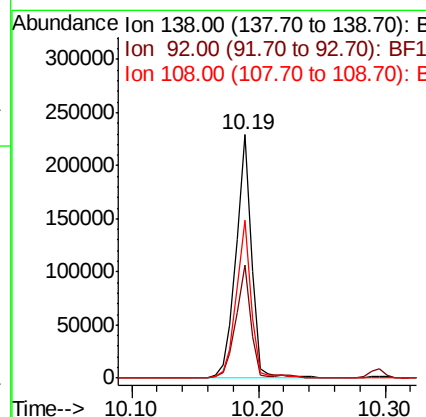
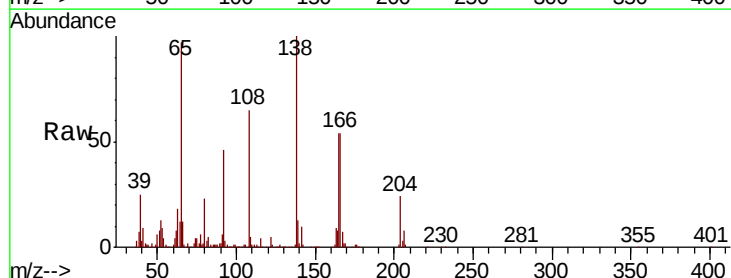
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4MS

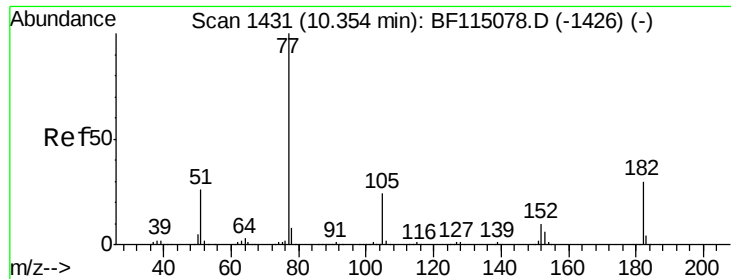
Tgt Ion:204 Resp: 323599
 Ion Ratio Lower Upper
 204 100
 206 32.9 26.6 40.0
 141 60.9 46.7 70.1



#62
 4-Nitroaniline
 Concen: 27.762 ng
 RT: 10.19 min Scan# 1403
 Delta R.T. -0.02 min
 Lab File: BF115194.D
 Acq: 25 Jun 2019 18:24

Tgt Ion:138 Resp: 194611
 Ion Ratio Lower Upper
 138 100
 92 46.5 24.8 64.8
 108 64.6 43.3 83.3

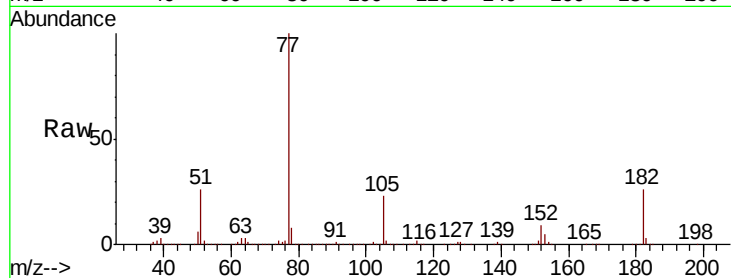




#63
Azobenzene
Concen: 29.194 ng
RT: 10.34 min Scan# 1428
Delta R.T. -0.02 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.1	10.1	50.1
105	23.2	4.5	44.5
51	26.5	6.4	46.4

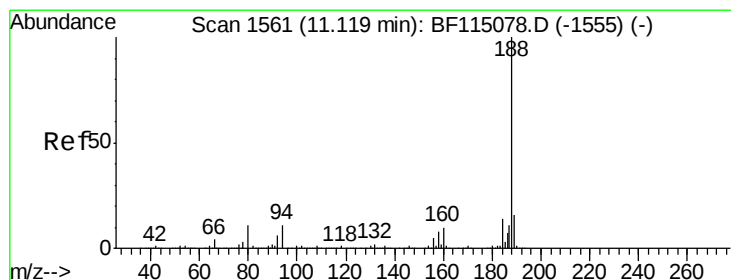
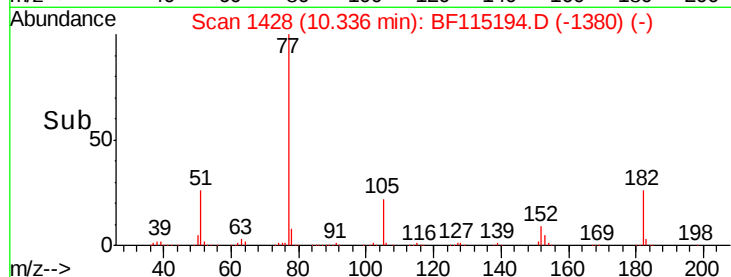
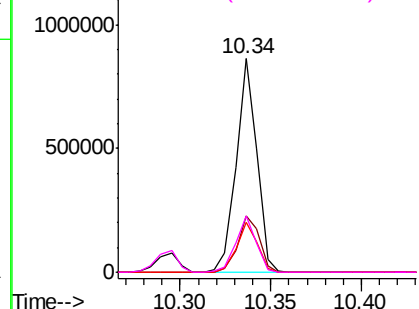


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

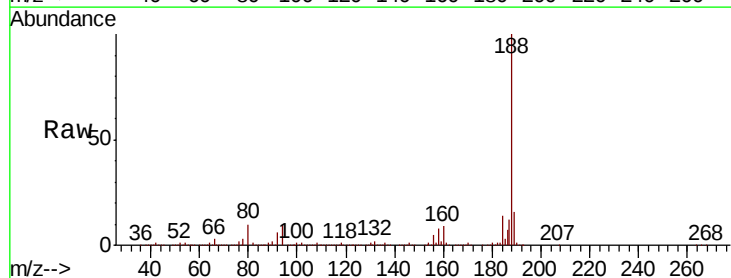
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

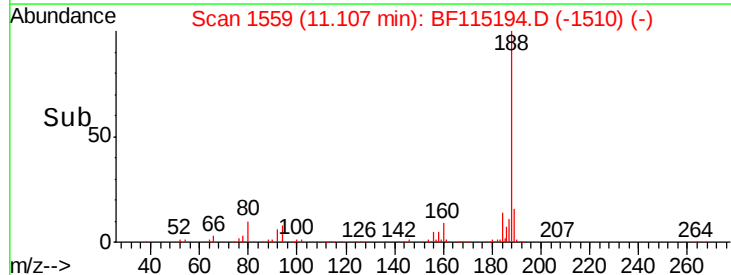
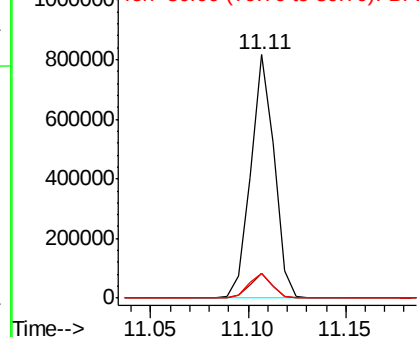
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.6	12.8
80	10.3	8.8	13.2

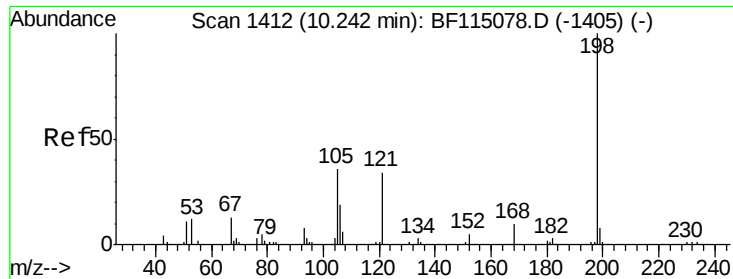


Abundance Ion 188.00 (187.70 to 188.70): E

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: 27.181 ng

RT: 10.22 min Scan# 1409

Delta R.T. -0.02 min

Lab File: BF115194.D

Acq: 25 Jun 2019 18:24

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MS

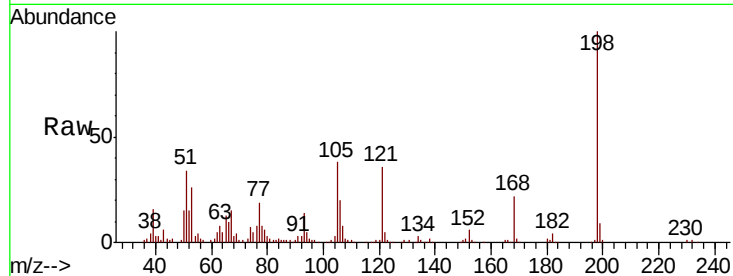
Tgt Ion:198 Resp: 90006

Ion Ratio Lower Upper

198 100

51 34.2 11.0 51.0

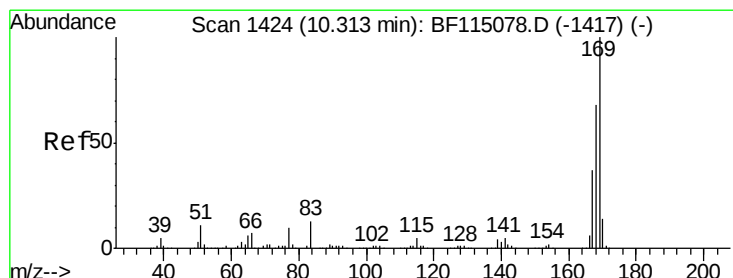
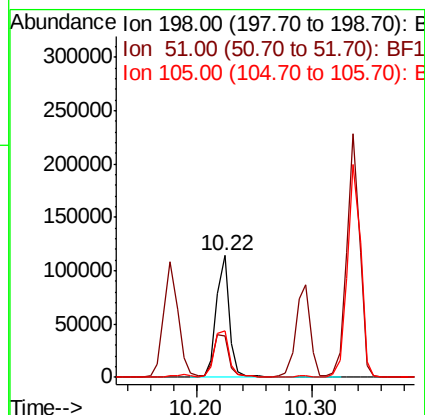
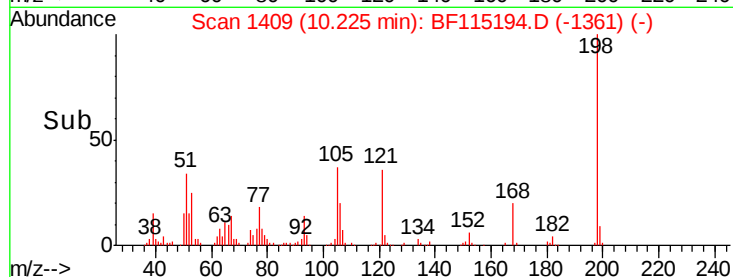
105 38.3 17.3 57.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 29.374 ng

RT: 10.30 min Scan# 1421

Delta R.T. -0.02 min

Lab File: BF115194.D

Acq: 25 Jun 2019 18:24

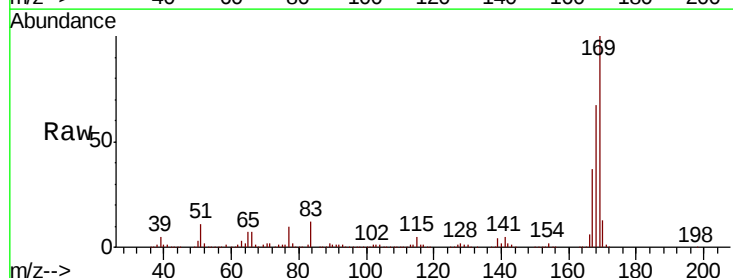
Tgt Ion:169 Resp: 624674

Ion Ratio Lower Upper

169 100

168 67.2 54.2 81.4

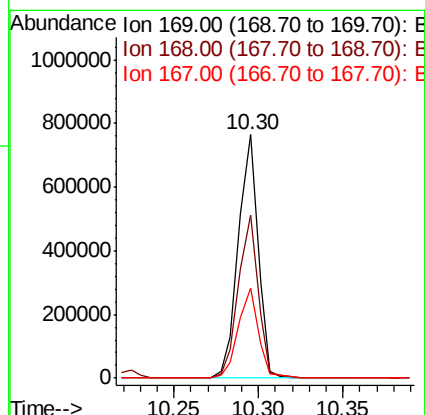
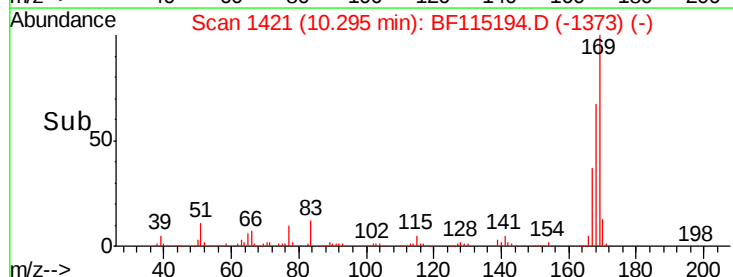
167 36.9 29.4 44.0

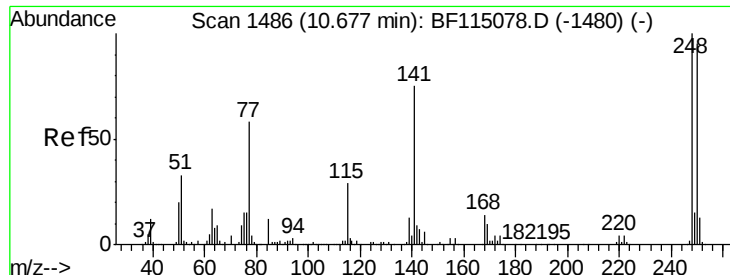


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

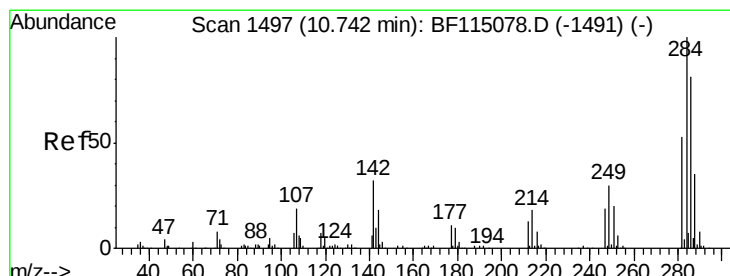
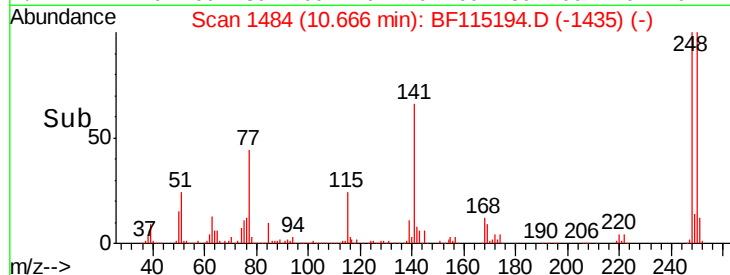
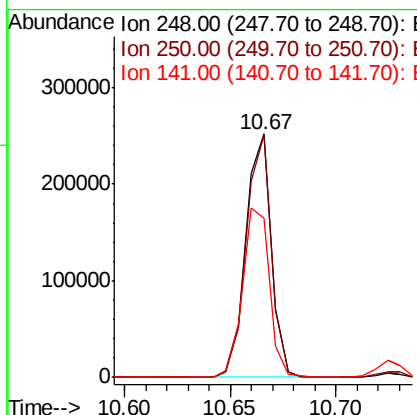
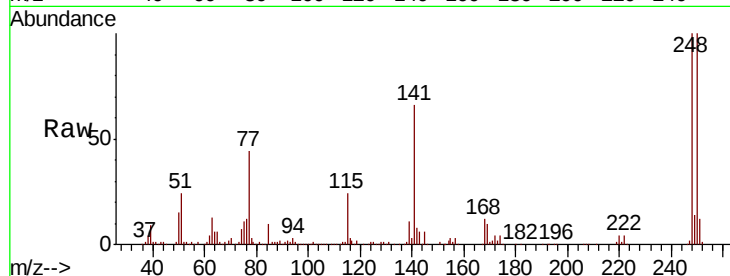




#67
 4-Bromophenyl-phenylether
 Concen: 28.663 ng
 RT: 10.67 min Scan# 1484
 Delta R.T. -0.01 min
 Lab File: BF115194.D
 Acq: 25 Jun 2019 18:24

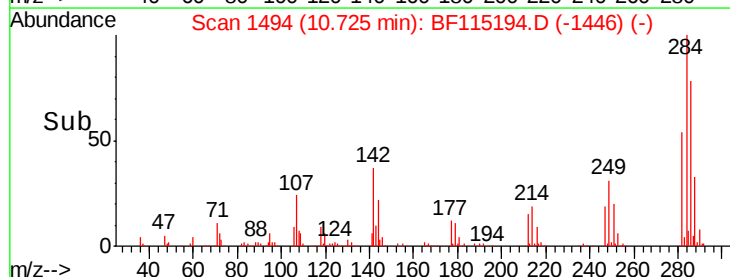
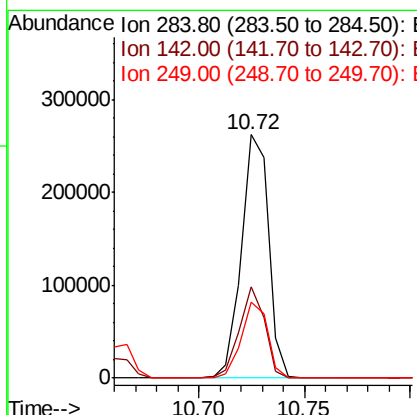
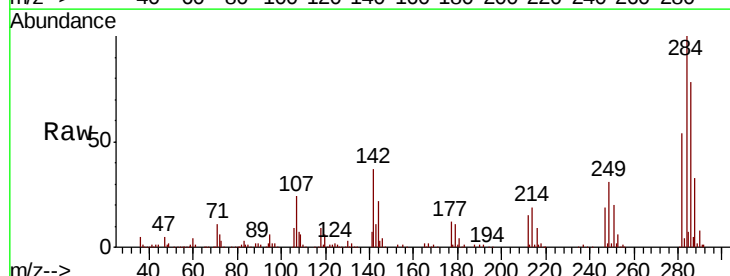
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4MS

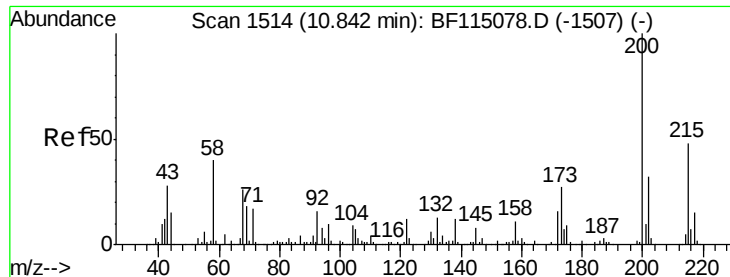
Tgt Ion:	248	Resp:	212128
Ion	Ratio	Lower	Upper
248	100		
250	99.8	76.2	114.2
141	65.5	59.6	89.4



#68
 Hexachlorobenzene
 Concen: 29.051 ng
 RT: 10.72 min Scan# 1494
 Delta R.T. -0.02 min
 Lab File: BF115194.D
 Acq: 25 Jun 2019 18:24

Tgt Ion:	284	Resp:	233370
Ion	Ratio	Lower	Upper
284	100		
142	37.3	25.8	38.8
249	31.0	24.2	36.4

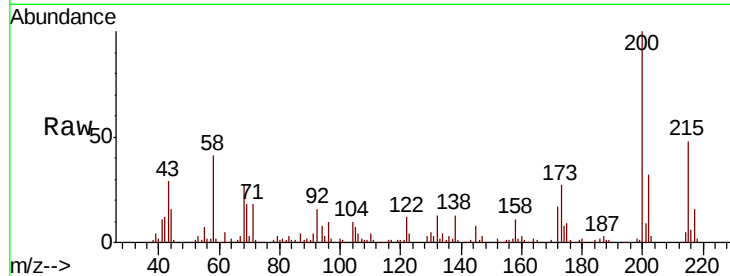




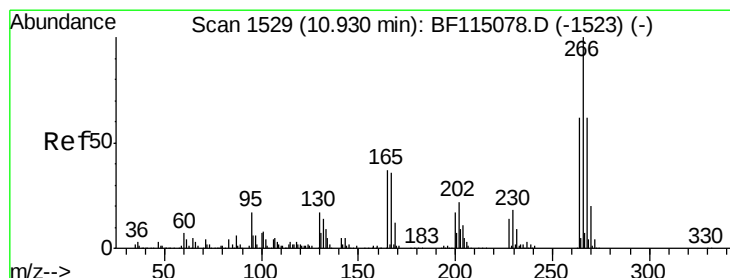
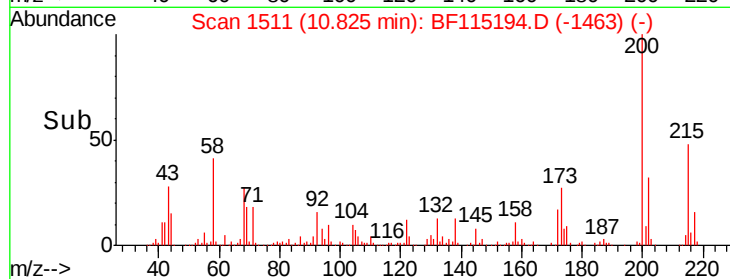
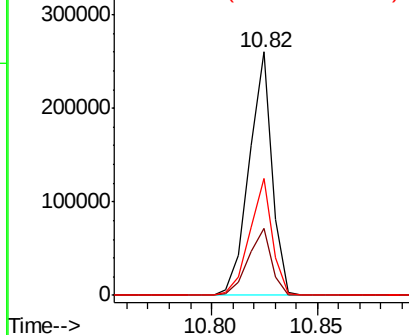
#69
 Atrazine
 Concen: 28.713 ng
 RT: 10.82 min Scan# 1511
 Delta R.T. -0.02 min
 Lab File: BF115194.D
 Acq: 25 Jun 2019 18:24

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4MS

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.4	7.4	47.4
215	47.9	27.8	67.8

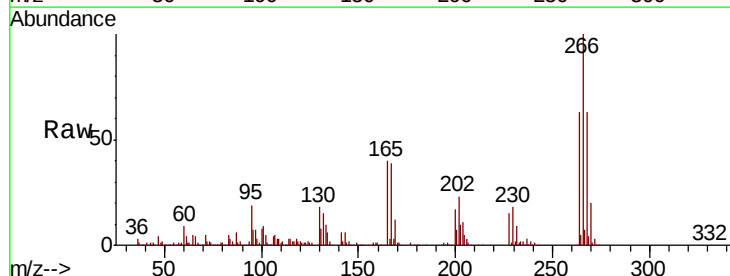


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

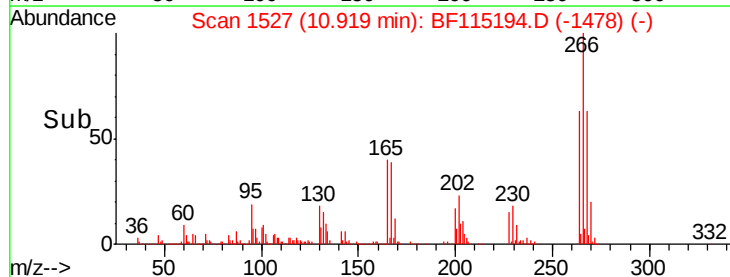
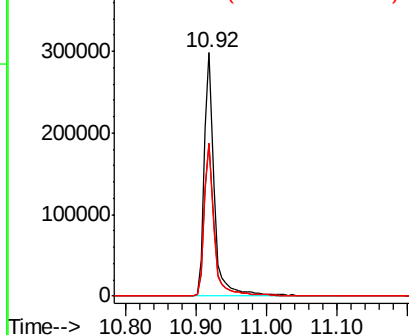


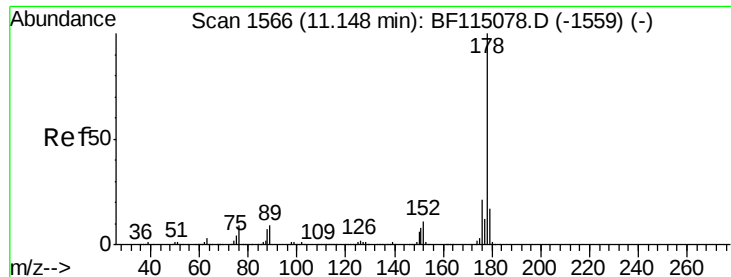
#70
 Pentachlorophenol
 Concen: 57.862 ng
 RT: 10.92 min Scan# 1527
 Delta R.T. -0.01 min
 Lab File: BF115194.D
 Acq: 25 Jun 2019 18:24

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.0	49.5	74.3
264	62.6	49.3	73.9



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

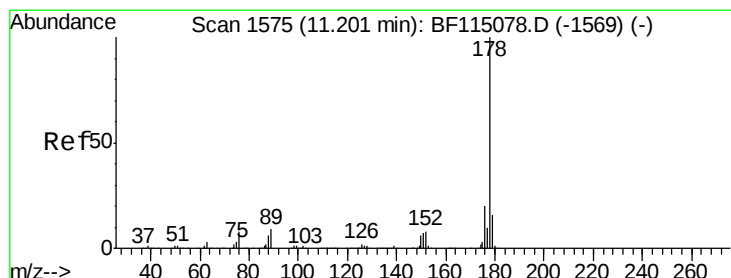
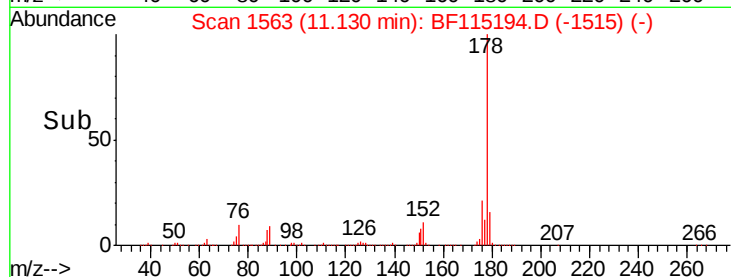
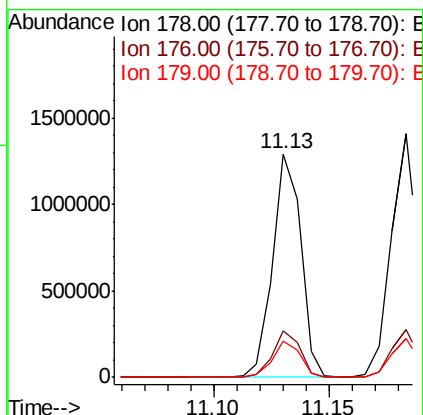
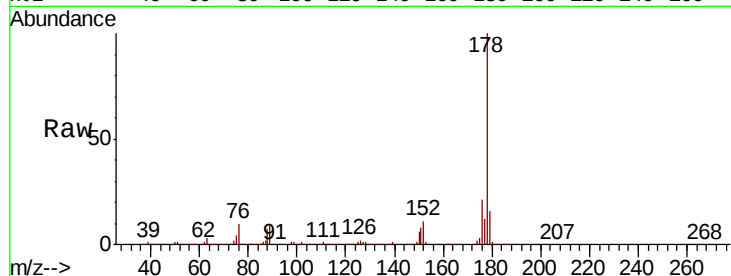




#71
Phenanthrene
Concen: 29.823 ng
RT: 11.13 min Scan# 1563
Delta R.T. -0.02 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

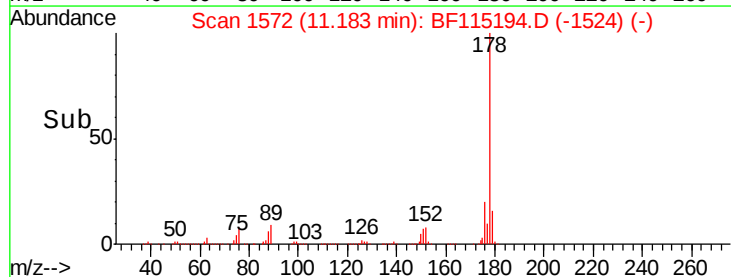
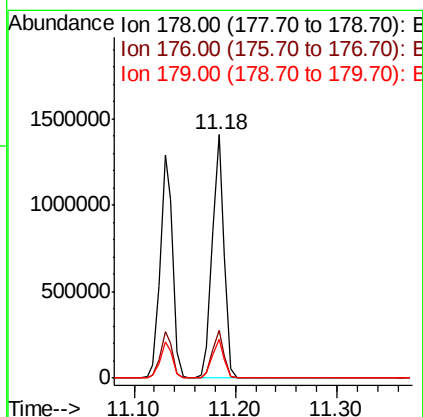
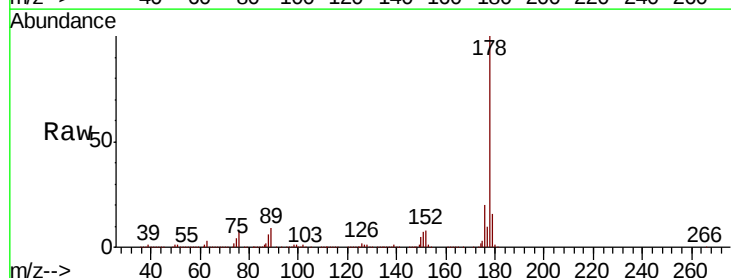
Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

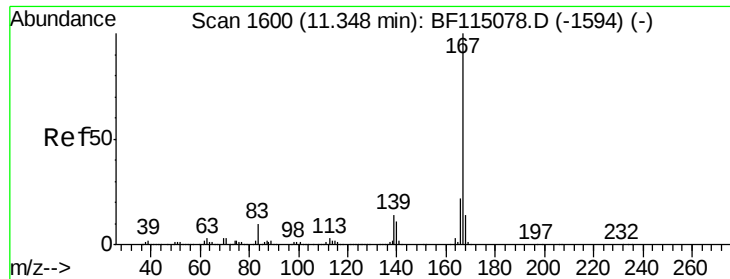
Tgt Ion:178 Resp: 1096032
Ion Ratio Lower Upper
178 100
176 20.6 16.9 25.3
179 16.0 13.2 19.8



#72
Anthracene
Concen: 30.861 ng
RT: 11.18 min Scan# 1572
Delta R.T. -0.02 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Tgt Ion:178 Resp: 1144875
Ion Ratio Lower Upper
178 100
176 19.6 16.1 24.1
179 16.0 12.9 19.3

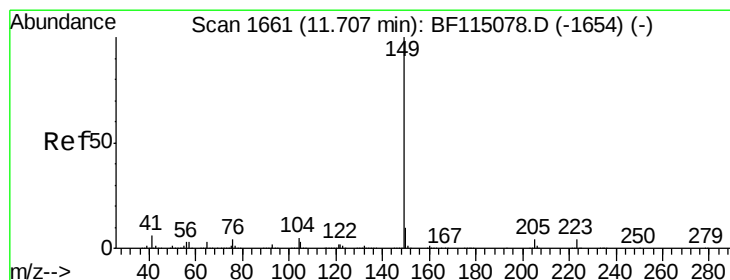
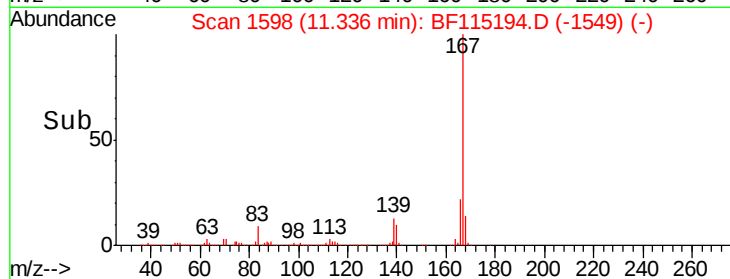
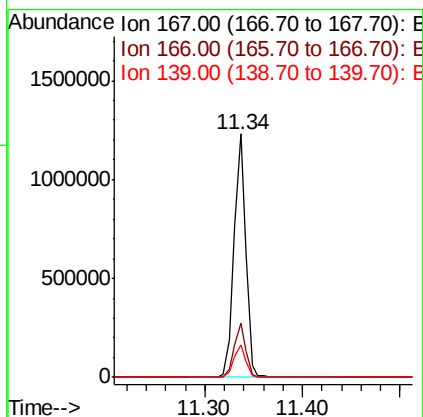
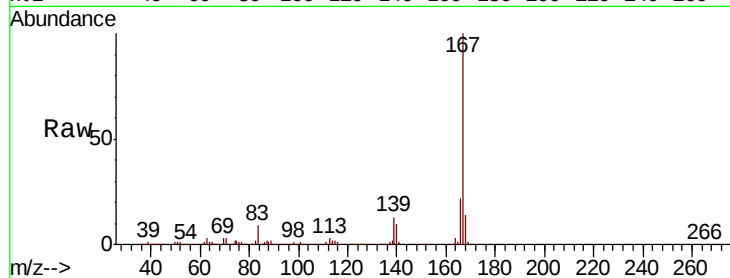




#73
 Carbazole
 Concen: 31.205 ng
 RT: 11.34 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF115194.D
 Acq: 25 Jun 2019 18:24

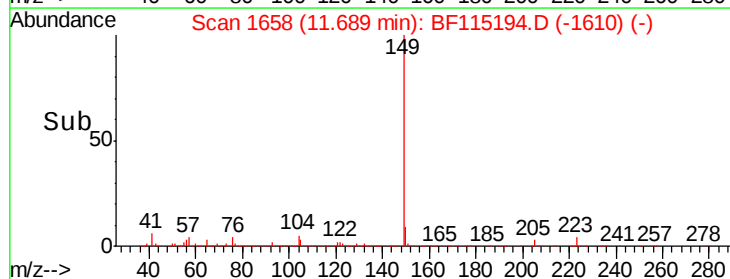
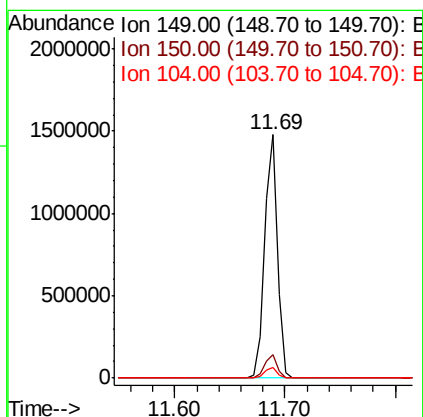
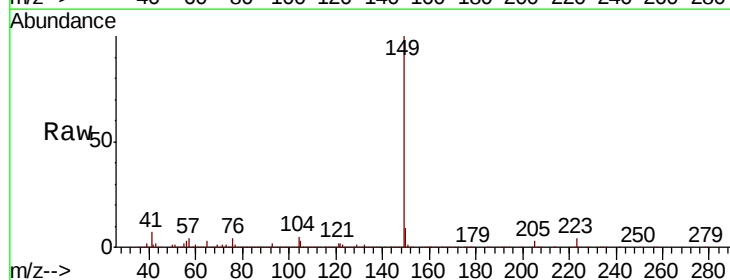
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4MS

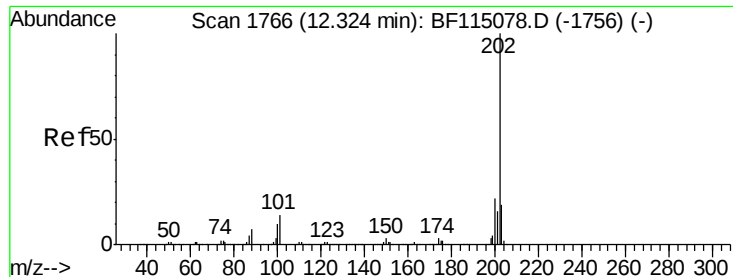
Tgt Ion:167 Resp: 1033745
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.0 27.0
 139 13.2 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 31.326 ng
 RT: 11.69 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BF115194.D
 Acq: 25 Jun 2019 18:24

Tgt Ion:149 Resp: 1199167
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.8 11.8
 104 4.5 3.7 5.5





#75

Fluoranthene

Concen: 33.013 ng

RT: 12.31 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF115194.D

Acq: 25 Jun 2019 18:24

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MS

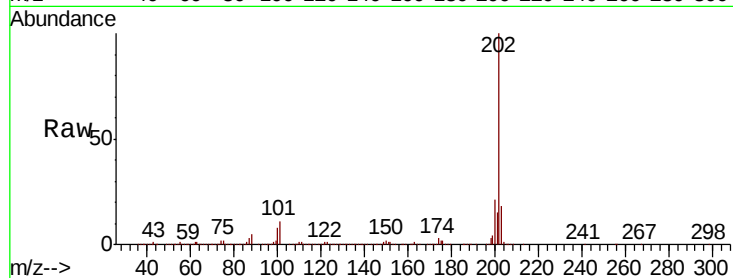
Tgt Ion:202 Resp: 1210561

Ion Ratio Lower Upper

202 100

101 11.2 0.0 34.0

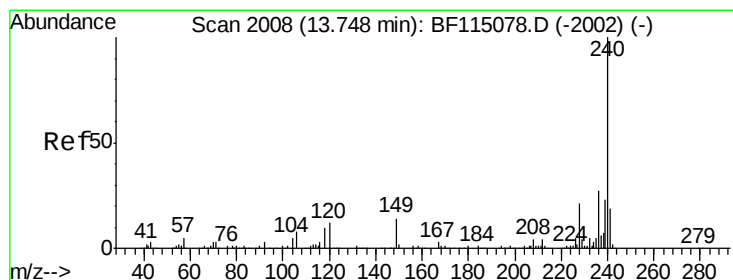
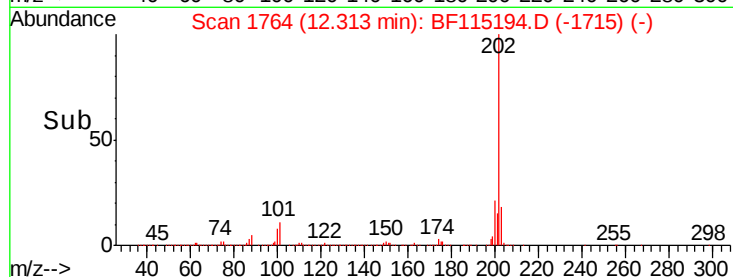
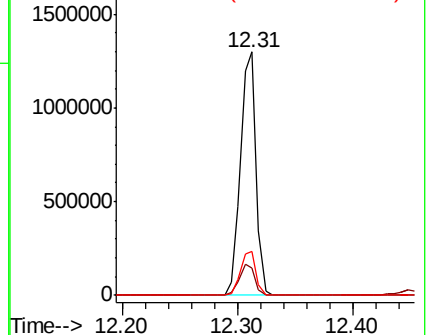
203 18.0 0.0 38.8



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: 13.73 min Scan# 2005

Delta R.T. -0.02 min

Lab File: BF115194.D

Acq: 25 Jun 2019 18:24

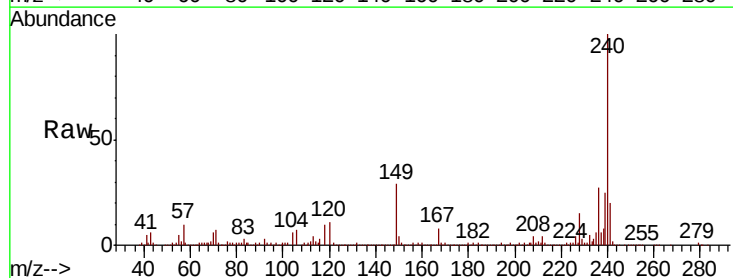
Tgt Ion:240 Resp: 576353

Ion Ratio Lower Upper

240 100

120 11.1 9.4 14.2

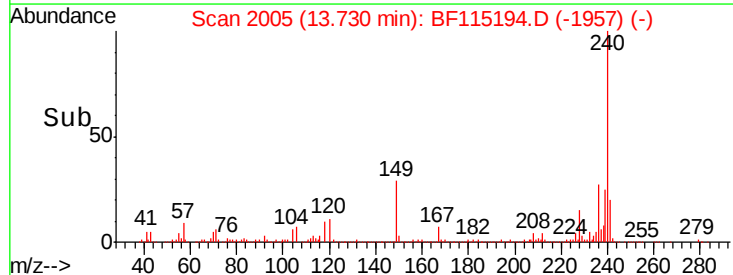
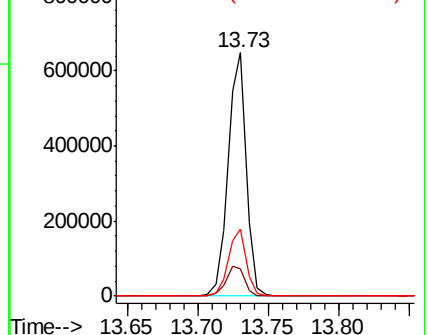
236 27.3 21.7 32.5

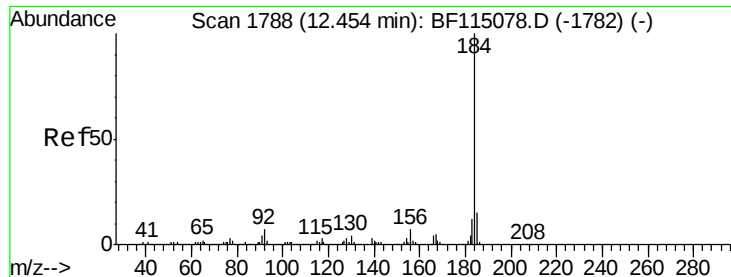


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 13.405 ng

RT: 12.44 min Scan# 1785

Delta R.T. -0.02 min

Lab File: BF115194.D

Acq: 25 Jun 2019 18:24

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MS

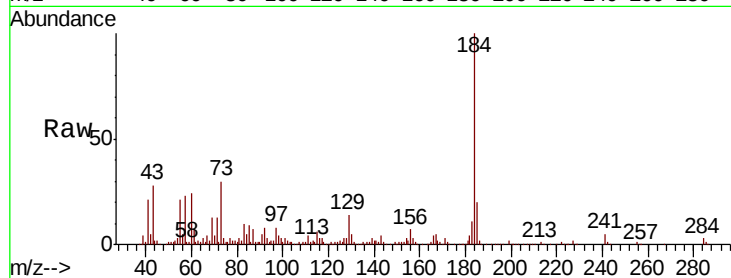
Tgt Ion:184 Resp: 343071

Ion Ratio Lower Upper

184 100

185 20.3 12.2 18.2#

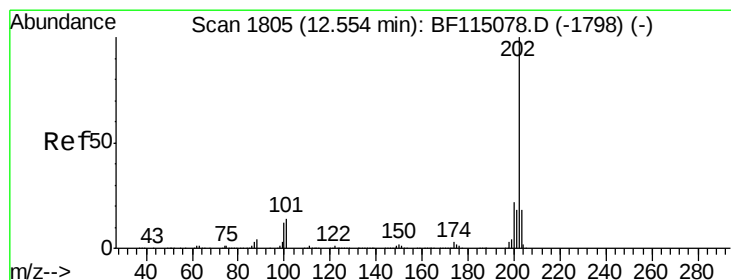
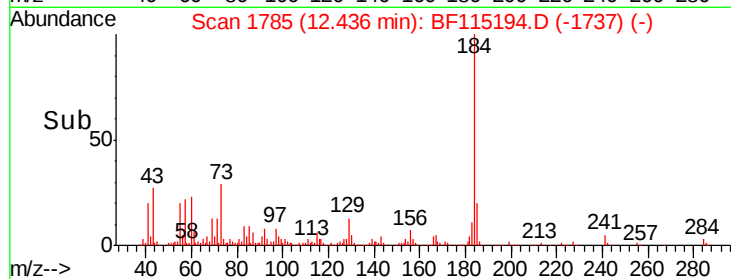
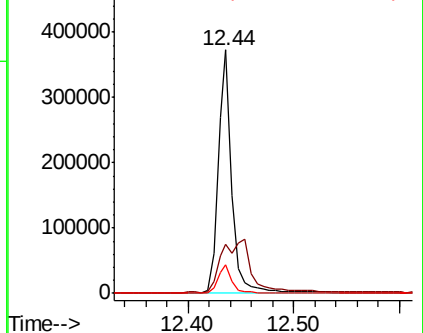
183 11.5 9.6 14.4



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: 27.977 ng

RT: 12.54 min Scan# 1802

Delta R.T. -0.02 min

Lab File: BF115194.D

Acq: 25 Jun 2019 18:24

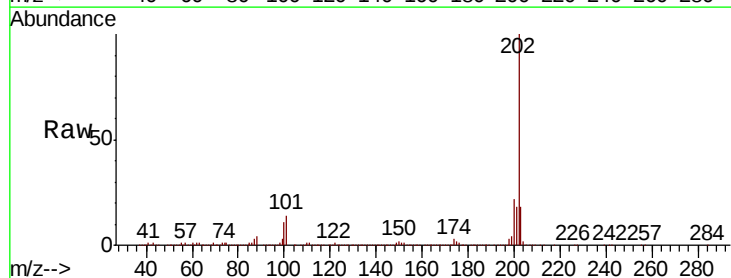
Tgt Ion:202 Resp: 1239192

Ion Ratio Lower Upper

202 100

200 22.4 17.9 26.9

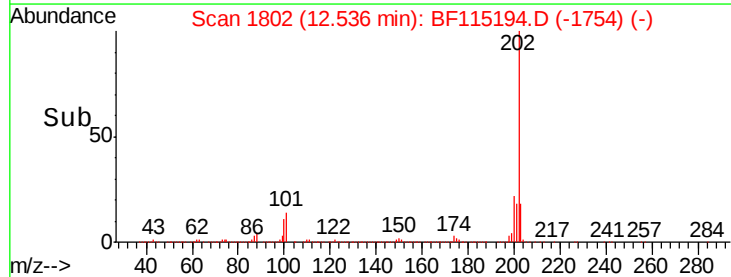
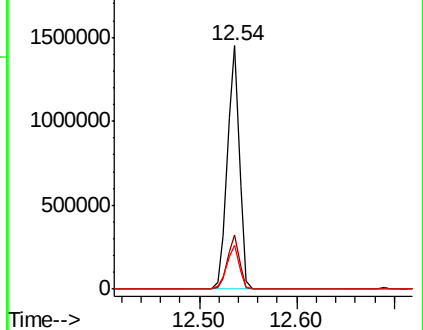
203 18.1 14.6 21.8

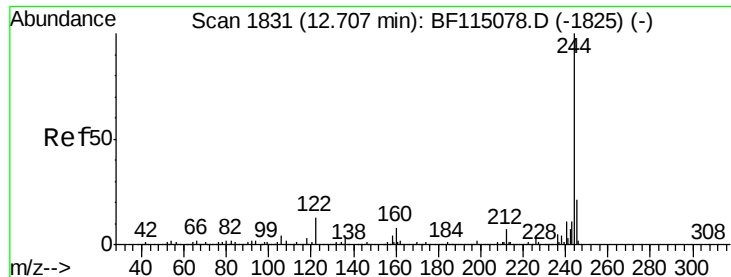


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 62.040 ng

RT: 12.69 min Scan# 1828

Delta R.T. -0.02 min

Lab File: BF115194.D

Acq: 25 Jun 2019 18:24

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MS

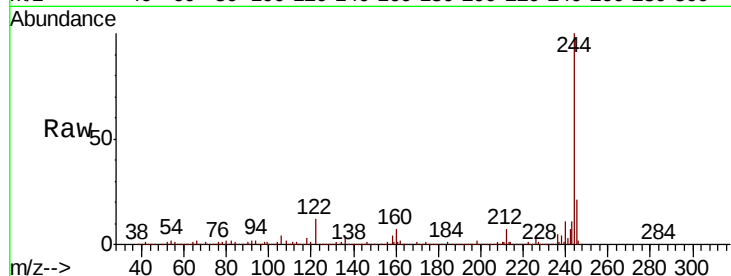
Tgt Ion:244 Resp: 1681754

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

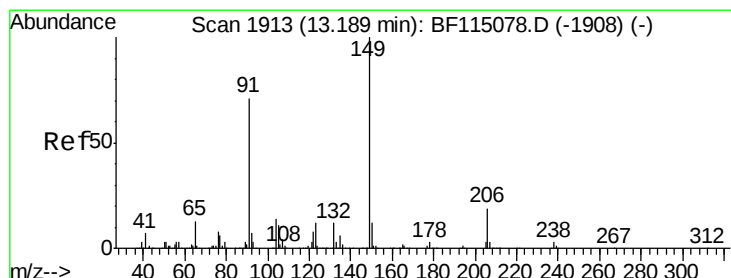
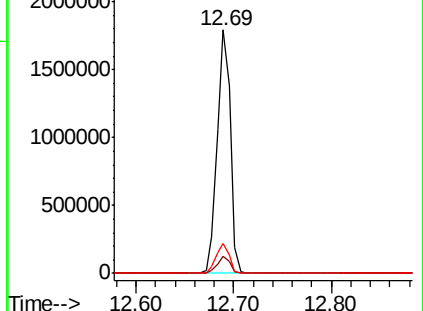
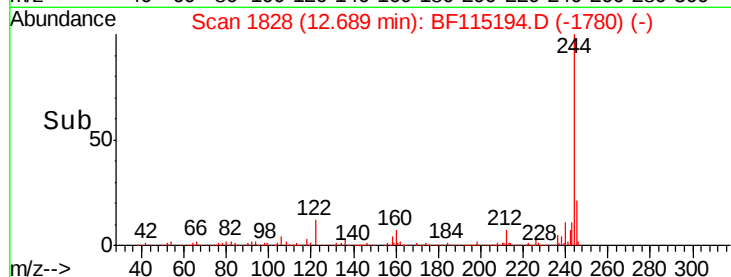
122 12.5 10.4 15.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 28.776 ng

RT: 13.17 min Scan# 1910

Delta R.T. -0.02 min

Lab File: BF115194.D

Acq: 25 Jun 2019 18:24

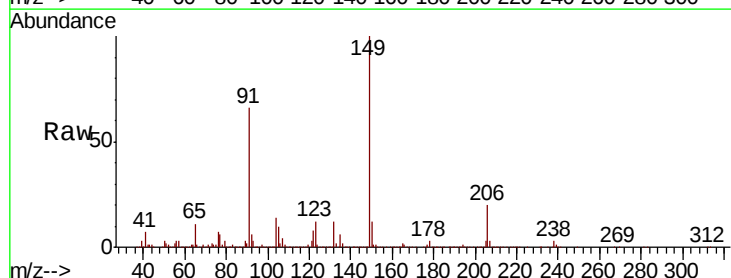
Tgt Ion:149 Resp: 562480

Ion Ratio Lower Upper

149 100

91 66.3 56.5 84.7

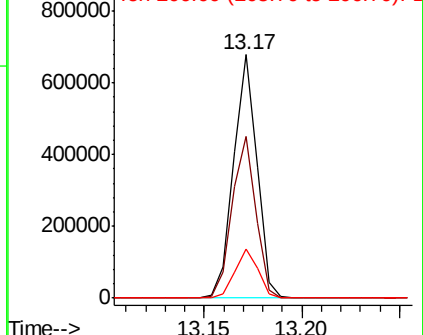
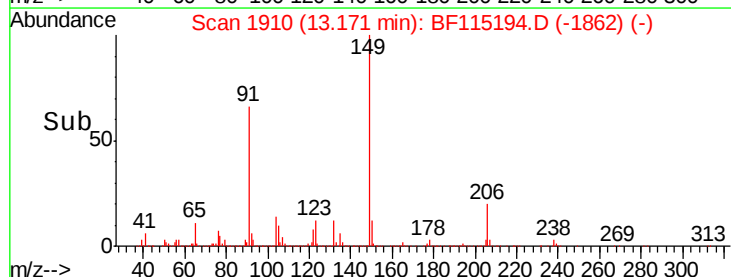
206 20.3 15.3 22.9

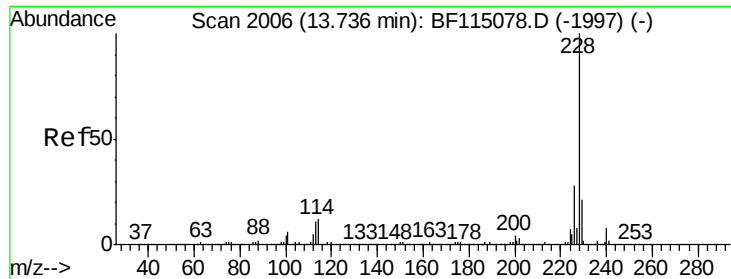


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 28.172 ng

RT: 13.72 min Scan# 2003

Delta R.T. -0.02 min

Lab File: BF115194.D

Acq: 25 Jun 2019 18:24

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MS

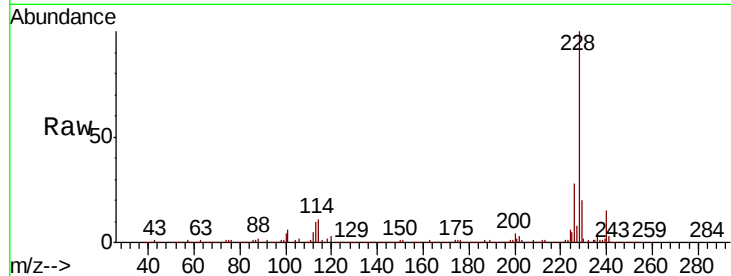
Tgt Ion:228 Resp: 1165062

Ion Ratio Lower Upper

228 100

226 27.9 22.5 33.7

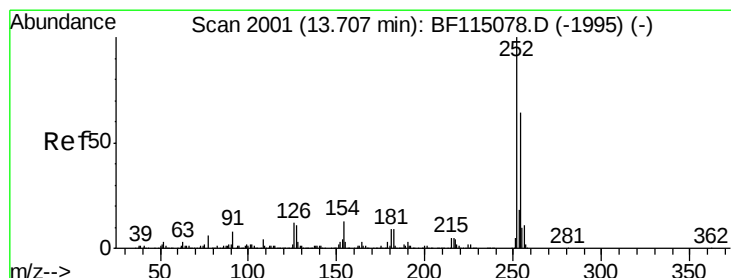
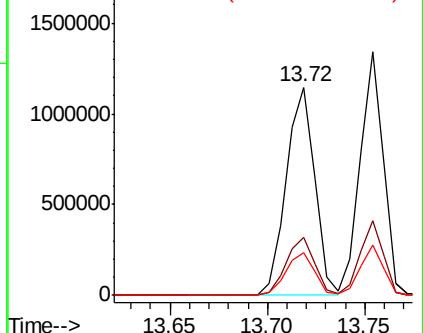
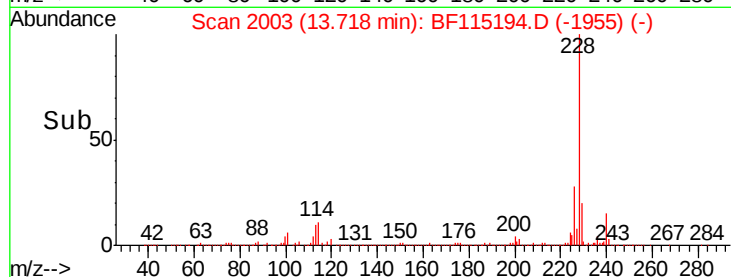
229 20.4 16.6 24.8



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: 17.784 ng

RT: 13.68 min Scan# 1997

Delta R.T. -0.02 min

Lab File: BF115194.D

Acq: 25 Jun 2019 18:24

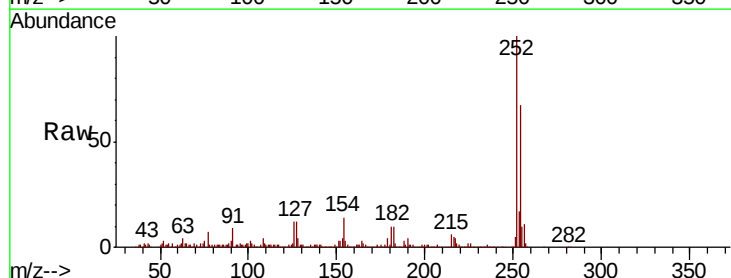
Tgt Ion:252 Resp: 265594

Ion Ratio Lower Upper

252 100

254 66.7 51.1 76.7

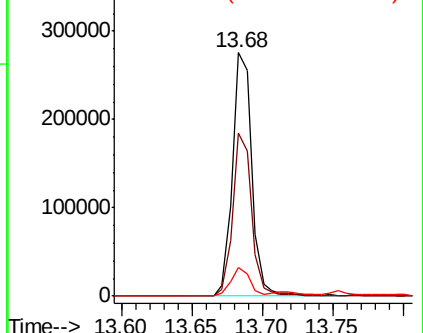
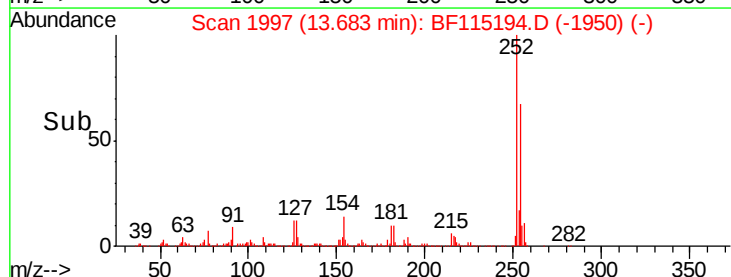
126 12.0 9.4 14.0

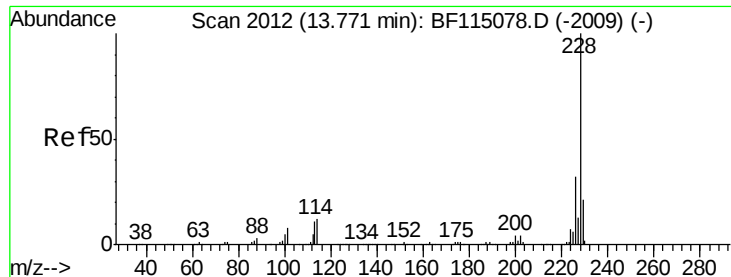


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 29.215 ng

RT: 13.75 min Scan# 2009

Delta R.T. -0.02 min

Lab File: BF115194.D

Acq: 25 Jun 2019 18:24

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MS

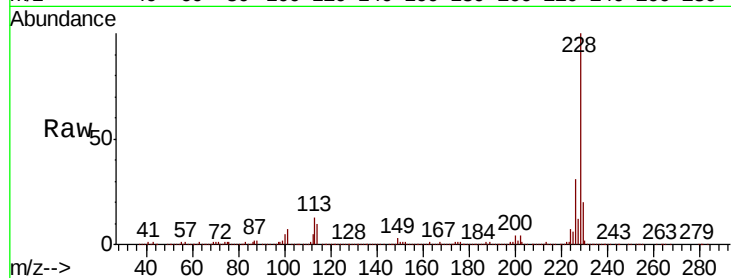
Tgt Ion:228 Resp: 1106736

Ion Ratio Lower Upper

228 100

226 30.8 25.4 38.0

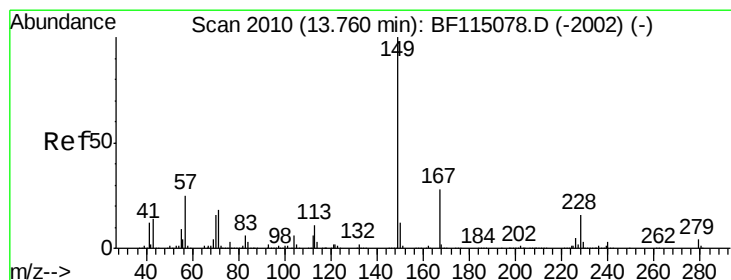
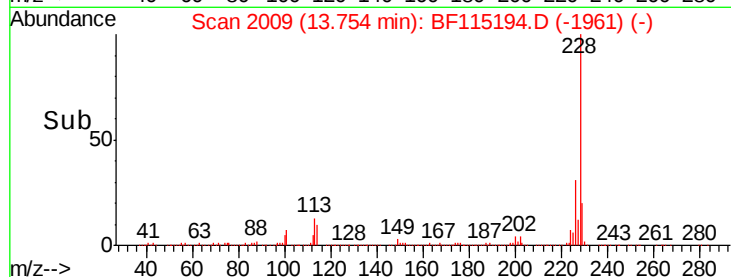
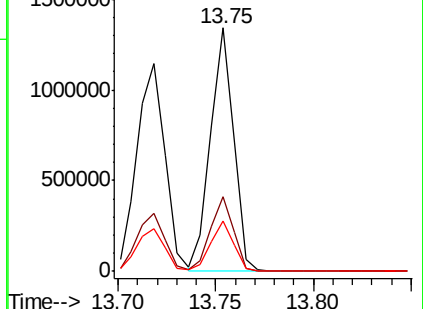
229 20.5 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 30.521 ng

RT: 13.74 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF115194.D

Acq: 25 Jun 2019 18:24

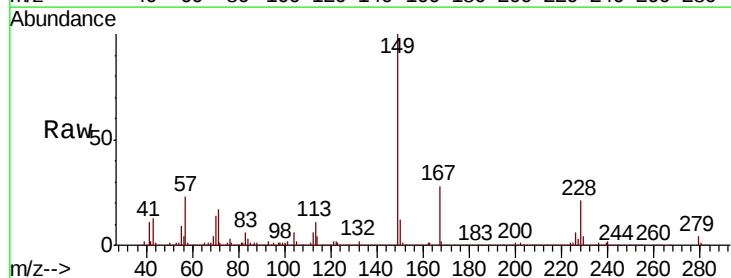
Tgt Ion:149 Resp: 781721

Ion Ratio Lower Upper

149 100

167 28.0 22.2 33.4

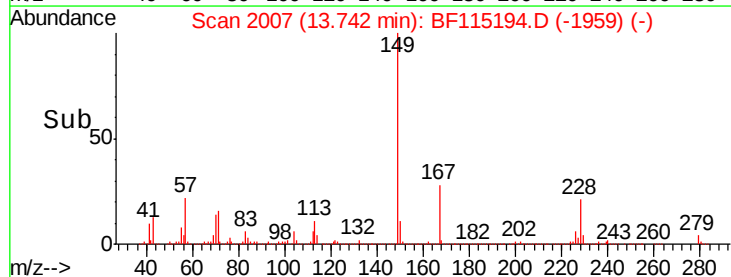
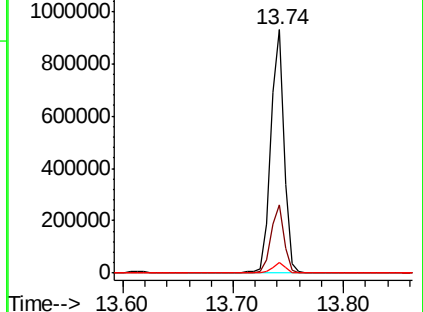
279 4.2 2.9 4.3

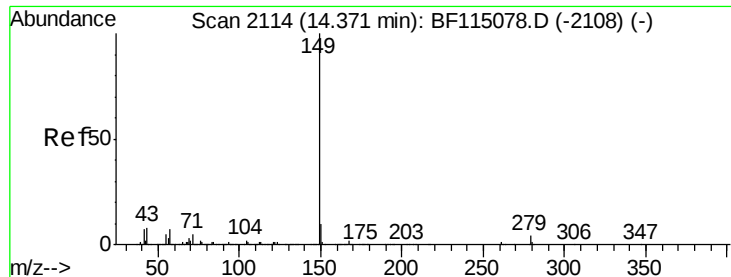


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 31.013 ng

RT: 14.35 min Scan# 2110

Delta R.T. -0.02 min

Lab File: BF115194.D

Acq: 25 Jun 2019 18:24

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MS

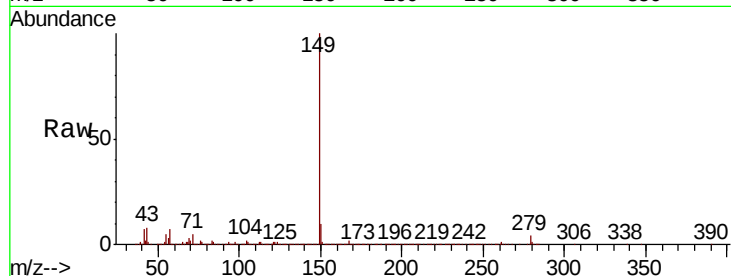
Tgt Ion:149 Resp: 1334618

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

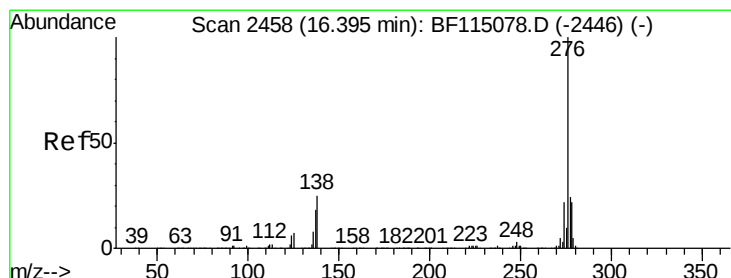
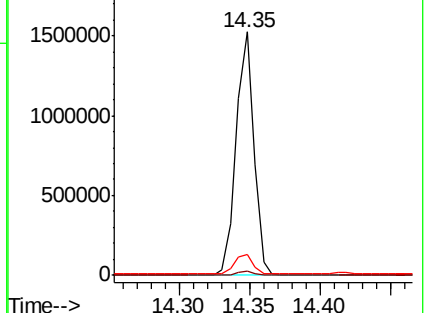
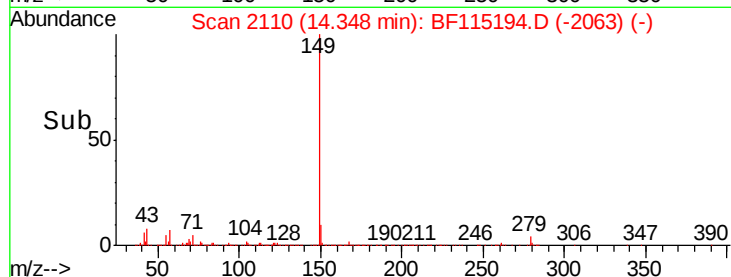
43 8.5 7.0 10.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 30.347 ng

RT: 16.36 min Scan# 2452

Delta R.T. -0.04 min

Lab File: BF115194.D

Acq: 25 Jun 2019 18:24

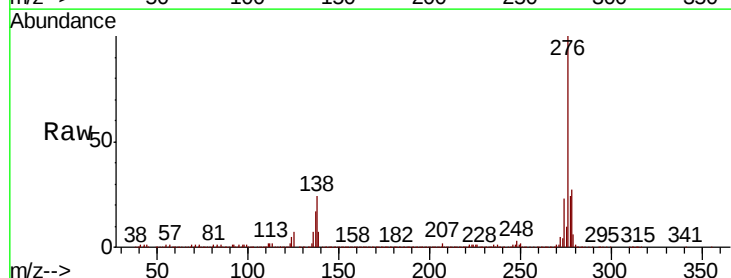
Tgt Ion:276 Resp: 1360325

Ion Ratio Lower Upper

276 100

138 27.9 23.2 34.8

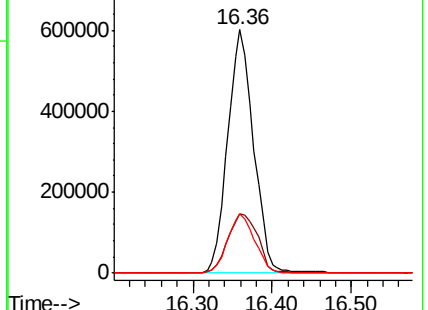
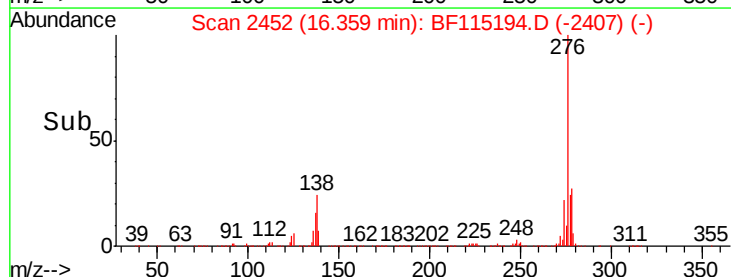
277 25.4 20.1 30.1

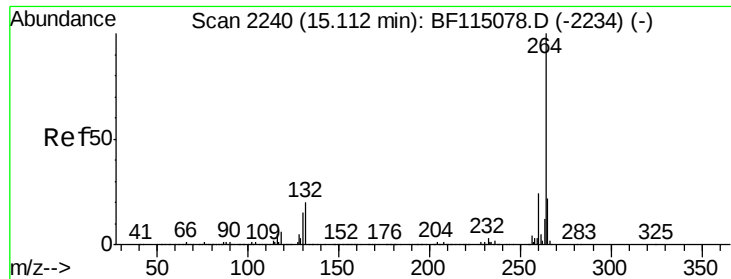


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.09 min Scan# 2236

Delta R.T. -0.02 min

Lab File: BF115194.D

Acq: 25 Jun 2019 18:24

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MS

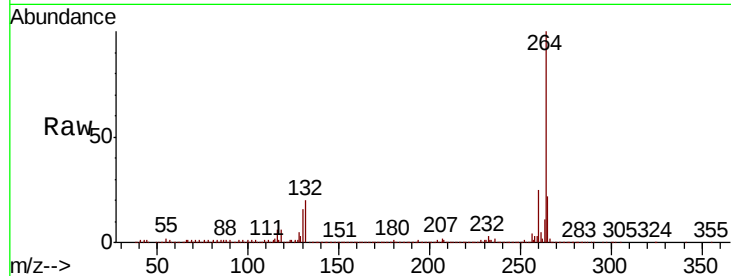
Tgt Ion:264 Resp: 688560

Ion Ratio Lower Upper

264 100

260 24.8 19.6 29.4

265 22.2 17.3 25.9

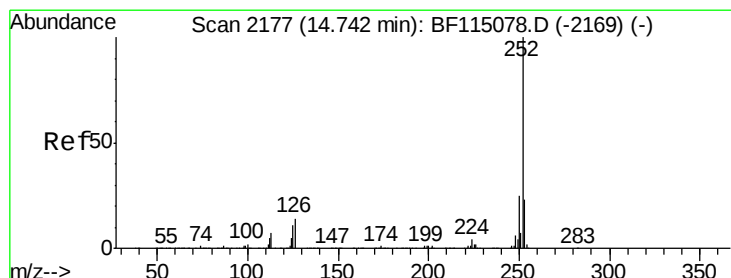
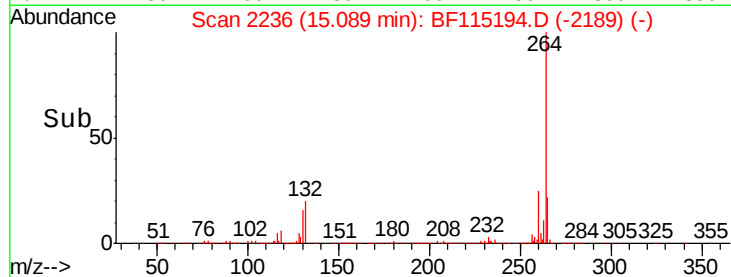
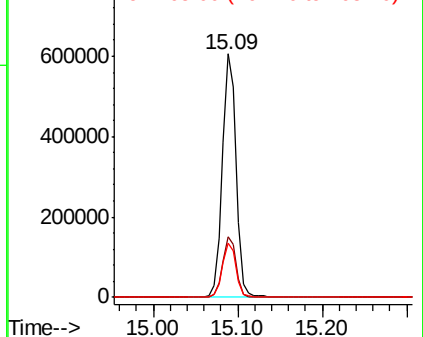


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 28.810 ng

RT: 14.72 min Scan# 2173

Delta R.T. -0.02 min

Lab File: BF115194.D

Acq: 25 Jun 2019 18:24

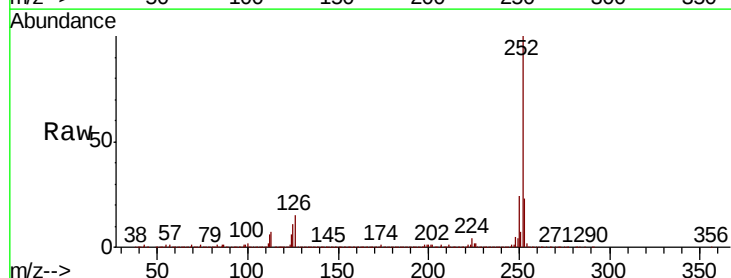
Tgt Ion:252 Resp: 1237794

Ion Ratio Lower Upper

252 100

253 22.6 18.1 27.1

125 11.4 8.7 13.1

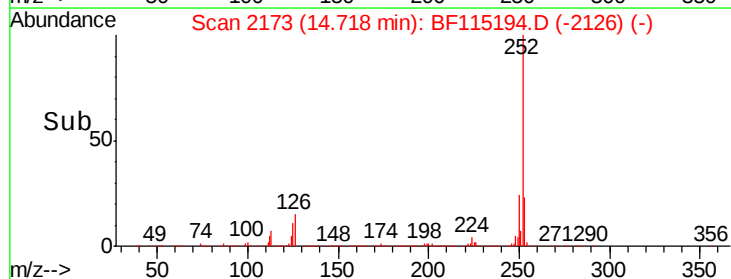
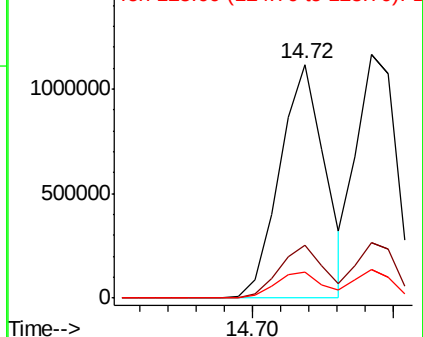


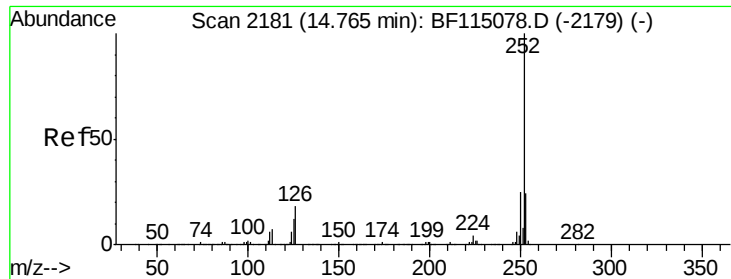
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

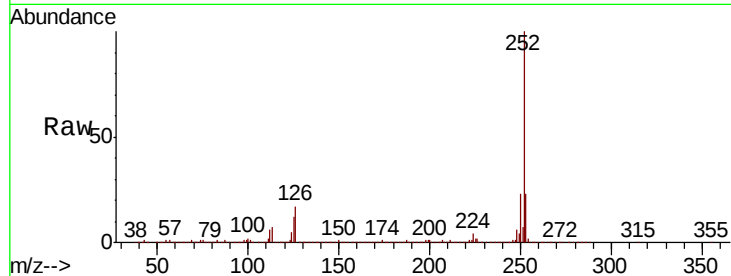




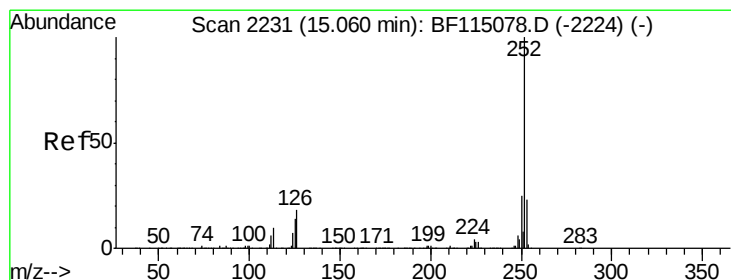
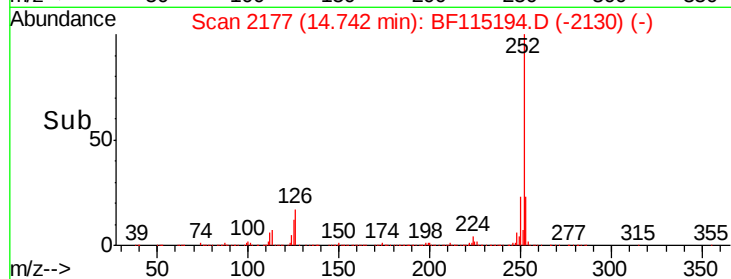
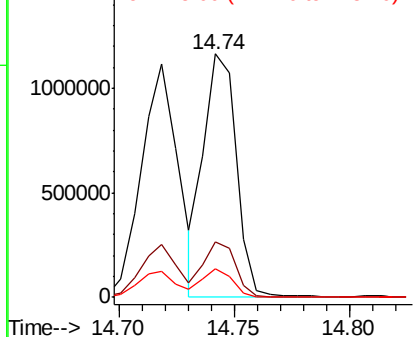
#89
Benzo(k)fluoranthene
Concen: 29.582 ng
RT: 14.74 min Scan# 2177
Delta R.T. -0.02 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

Tgt Ion:252 Resp: 1139778
Ion Ratio Lower Upper
252 100
253 22.6 18.9 28.3
125 11.8 10.2 15.2

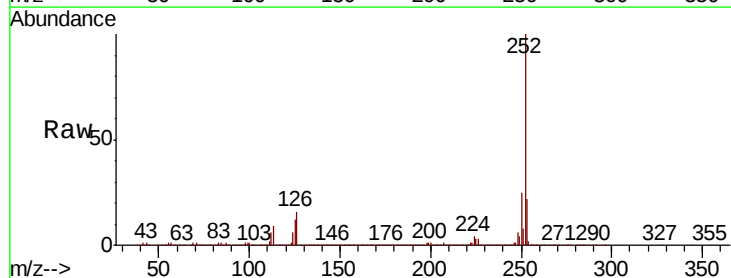


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

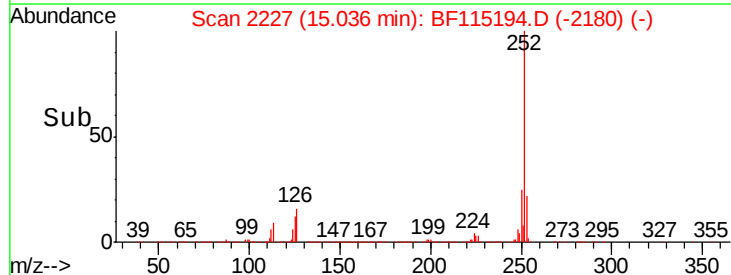
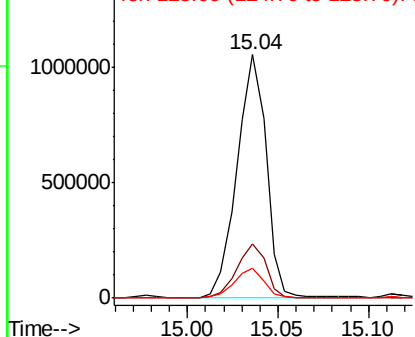


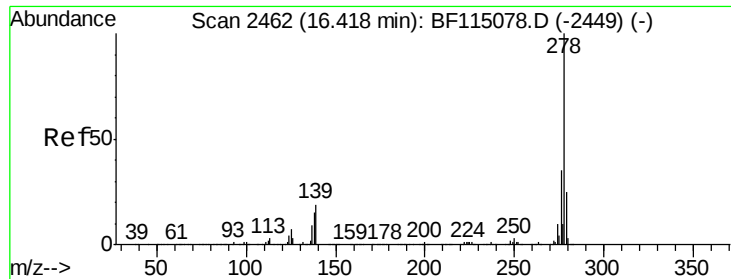
#90
Benzo(a)pyrene
Concen: 30.648 ng
RT: 15.04 min Scan# 2227
Delta R.T. -0.02 min
Lab File: BF115194.D
Acq: 25 Jun 2019 18:24

Tgt Ion:252 Resp: 1186829
Ion Ratio Lower Upper
252 100
253 22.3 18.3 27.5
125 12.4 10.9 16.3



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: 31.432 ng

RT: 16.38 min Scan# 2455

Delta R.T. -0.04 min

Lab File: BF115194.D

Acq: 25 Jun 2019 18:24

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MS

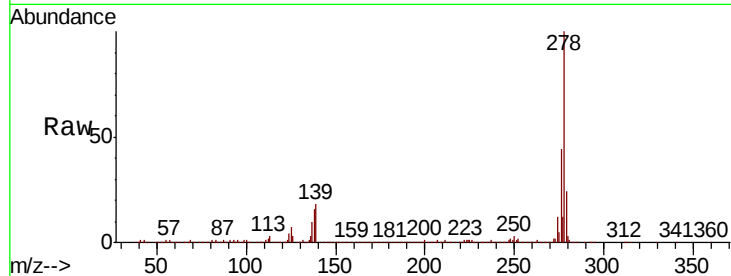
Tgt Ion:278 Resp: 1136320

Ion Ratio Lower Upper

278 100

139 18.5 15.4 23.2

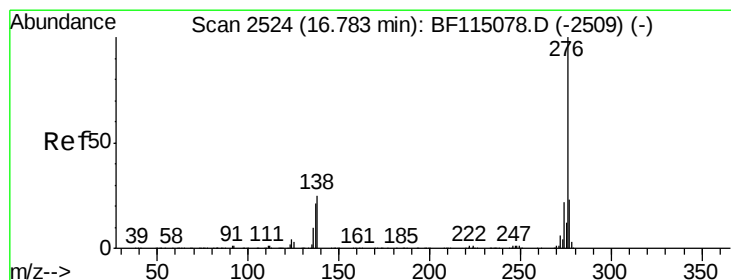
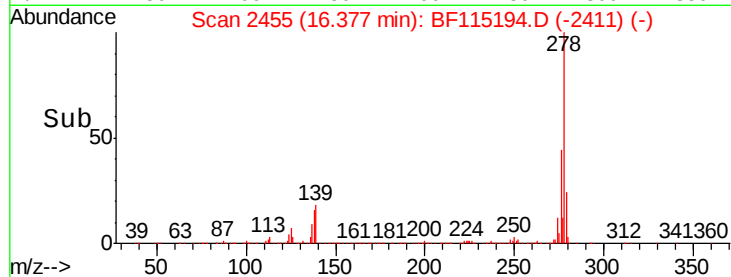
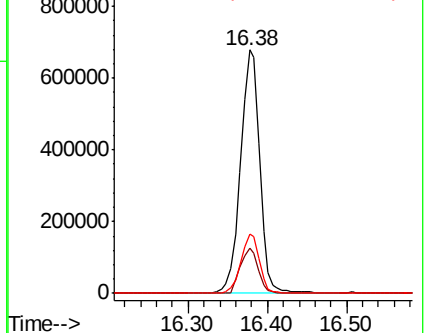
279 24.3 19.9 29.9



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: 30.459 ng

RT: 16.74 min Scan# 2517

Delta R.T. -0.04 min

Lab File: BF115194.D

Acq: 25 Jun 2019 18:24

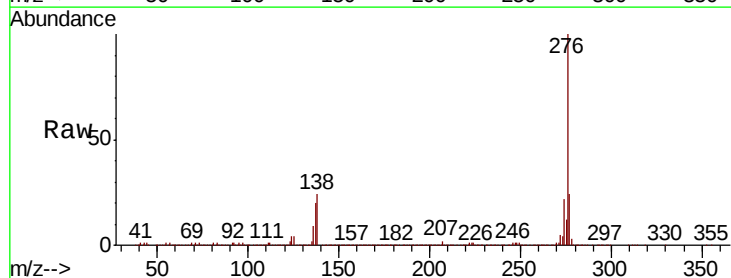
Tgt Ion:276 Resp: 1114468

Ion Ratio Lower Upper

276 100

277 23.5 18.6 28.0

138 23.8 19.8 29.6



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

