

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
 Data File : BF115315.D
 Acq On : 29 Jun 2019 11:45
 Operator : HP/JU
 Sample : K3555-22MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-14MS

Quant Time: Jun 30 01:42:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 05:26:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	206694	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	821606	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	413387	20.00	ng	0.00
64) Phenanthrene-d10	11.10	188	853118	20.00	ng	0.00
76) Chrysene-d12	13.72	240	658764	20.00	ng	0.00
87) Perylene-d12	15.08	264	837892	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.20	112	1396572	104.27	ng	0.00
7) Phenol-d6	6.24	99	1774652	109.16	ng	0.00
23) Nitrobenzene-d5	7.16	82	1056603	79.11	ng	0.00
42) 2,4,6-Tribromophenol	10.41	330	540866	124.07	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	1973575	81.09	ng	0.00
79) Terphenyl-d14	12.68	244	2435555	78.61	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.17	88	174502	27.605	ng	99
3) Pyridine	2.82	79	340640	19.119	ng	100
4) n-Nitrosodimethylamine	2.75	42	214058	30.647	ng	99
6) Aniline	6.26	93	439571	19.673	ng	# 20
8) 2-Chlorophenol	6.38	128	539368	35.812	ng	99
9) Benzaldehyde	6.14	77	324311	30.577	ng	100
10) Phenol	6.25	94	643326	33.782	ng	91
11) bis(2-Chloroethyl)ether	6.34	93	479157	34.134	ng	100
12) 1,3-Dichlorobenzene	6.54	146	553205	33.097	ng	99
13) 1,4-Dichlorobenzene	6.62	146	574712	34.288	ng	98
14) 1,2-Dichlorobenzene	6.77	146	534392	34.428	ng	99
15) Benzyl Alcohol	6.75	79	410257	34.656	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.88	45	674918	33.150	ng	97
17) 2-Methylphenol	6.87	107	450553	36.242	ng	100
18) Hexachloroethane	7.11	117	197345	32.658	ng	97
19) n-Nitroso-di-n-propylamine	7.02	70	341297	32.792	ng	98
20) 3+4-Methylphenols	7.02	107	530885	36.984	ng	# 79
22) Acetophenone	7.01	105	703714	37.413	ng	# 96
24) Nitrobenzene	7.18	77	540004	36.700	ng	97
25) Isophorone	7.42	82	971662	35.513	ng	100
26) 2-Nitrophenol	7.50	139	299232	41.180	ng	94
27) 2,4-Dimethylphenol	7.55	122	492575	41.402	ng	100
28) bis(2-Chloroethoxy)methane	7.64	93	624916	36.137	ng	100
29) 2,4-Dichlorophenol	7.74	162	472737	38.503	ng	99
30) 1,2,4-Trichlorobenzene	7.82	180	489813	36.117	ng	99
31) Naphthalene	7.90	128	1510133	37.444	ng	99
32) Benzoic acid	7.63	122	82613	9.728	ng	97
33) 4-Chloroaniline	7.95	127	332360	18.032	ng	98
34) Hexachlorobutadiene	8.03	225	267178	35.949	ng	98
35) Caprolactam	8.31	113	97418	23.600	ng	98
36) 4-Chloro-3-methylphenol	8.44	107	477032	38.364	ng	99
37) 2-Methylnaphthalene	8.60	142	1034729	38.051	ng	98
38) 1-Methylnaphthalene	8.69	142	976407	37.596	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.76	216	435438	37.276	ng	99

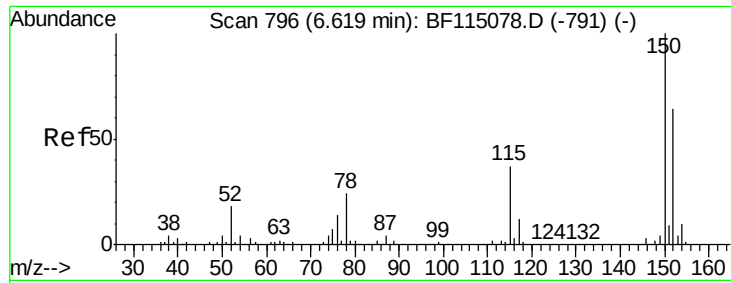
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
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 QLast Update : Fri Jun 28 05:26:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	508140	73.359	ng	99
43) 2,4,6-Trichlorophenol	8.87	196	340544	37.760	ng	99
44) 2,4,5-Trichlorophenol	8.91	196	372232	40.079	ng	98
46) 1,1'-Biphenyl	9.05	154	1228690	37.147	ng	99
47) 2-Chloronaphthalene	9.08	162	986029	36.750	ng	99
48) 2-Nitroaniline	9.17	65	297519	38.035	ng	94
49) Acenaphthylene	9.49	152	1574926	37.675	ng	100
50) Dimethylphthalate	9.36	163	1493913	49.120	ng	99
51) 2,6-Dinitrotoluene	9.41	165	275632	39.255	ng	99
52) Acenaphthene	9.66	154	916600	35.041	ng	99
53) 3-Nitroaniline	9.58	138	224049	26.148	ng	100
54) 2,4-Dinitrophenol	9.68	184	177139	51.870	ng	94
55) Dibenzofuran	9.83	168	1387534	36.958	ng	100
56) 4-Nitrophenol	9.75	139	532282	77.485	ng	99
57) 2,4-Dinitrotoluene	9.82	165	372020	41.033	ng	96
58) Fluorene	10.17	166	993370	38.839	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.95	232	312030	40.067	ng	98
60) Diethylphthalate	10.06	149	1161677	37.998	ng	99
61) 4-Chlorophenyl-phenylether	10.17	204	481244	39.714	ng	98
62) 4-Nitroaniline	10.19	138	325410	37.856	ng	99
63) Azobenzene	10.33	77	1050160	36.776	ng	99
65) 4,6-Dinitro-2-methylphenol	10.22	198	168077	38.161	ng	99
66) n-Nitrosodiphenylamine	10.29	169	971673	36.558	ng	100
67) 4-Bromophenyl-phenylether	10.65	248	333618	36.069	ng	96
68) Hexachlorobenzene	10.72	284	368131	36.667	ng	99
69) Atrazine	10.82	200	326726	38.214	ng	99
70) Pentachlorophenol	10.91	266	422916	66.121	ng	98
71) Phenanthrene	11.12	178	1617611	35.217	ng	99
72) Anthracene	11.18	178	1689226	36.432	ng	100
73) Carbazole	11.33	167	1565698	37.816	ng	100
74) Di-n-butylphthalate	11.68	149	1825747	38.160	ng	100
75) Fluoranthene	12.30	202	1753844	38.269	ng	99
77) Benzidine	12.42	184	307738	10.520	ng	95
78) Pyrene	12.52	202	1805185	35.657	ng	99
80) Butylbenzylphthalate	13.16	149	840914	37.638	ng	96
81) Benzo(a)anthracene	13.71	228	1699144	35.947	ng	100
82) 3,3'-Dichlorobenzidine	13.68	252	495204	29.011	ng	99
83) Chrysene	13.75	228	1631989	37.691	ng	99
84) Bis(2-ethylhexyl)phthalate	13.73	149	1131267	38.643	ng	# 98
85) Di-n-octyl phthalate	14.34	149	1978093	40.216	ng	100
86) Indeno(1,2,3-cd)pyrene	16.35	276	2071474	40.430	ng	99
88) Benzo(b)fluoranthene	14.71	252	1961447	37.517	ng	99
89) Benzo(k)fluoranthene	14.74	252	1545653	32.966	ng	98
90) Benzo(a)pyrene	15.03	252	1732261	36.761	ng	99
91) Dibenzo(a,h)anthracene	16.37	278	1685094	38.305	ng	98
92) Benzo(g,h,i)perylene	16.74	276	1734128	38.947	ng	98

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

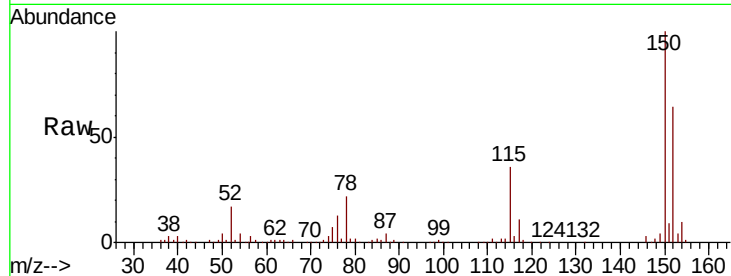


#1

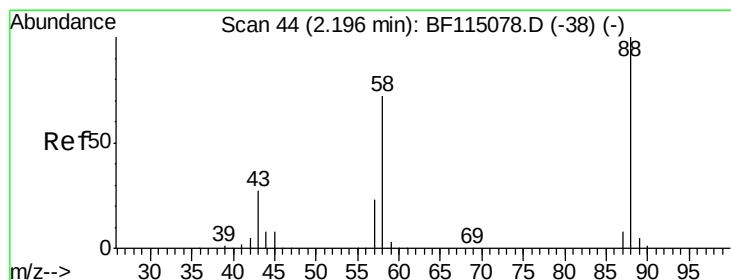
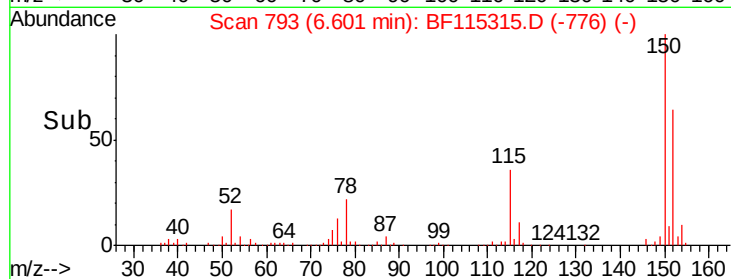
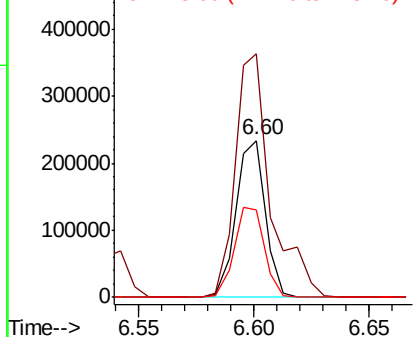
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF115315.D
Acq: 29 Jun 2019 11:45

Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MS

Tgt Ion: 152 Resp: 206694
Ion Ratio Lower Upper
152 100
150 155.5 124.2 186.2
115 55.6 46.1 69.1



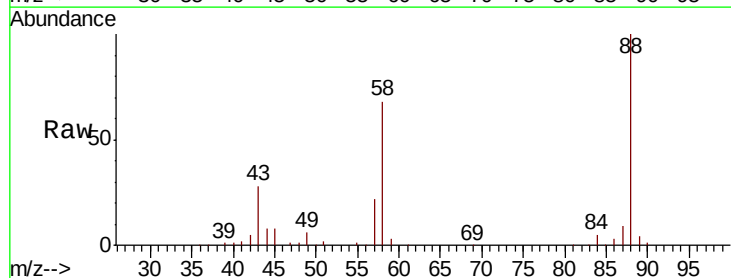
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



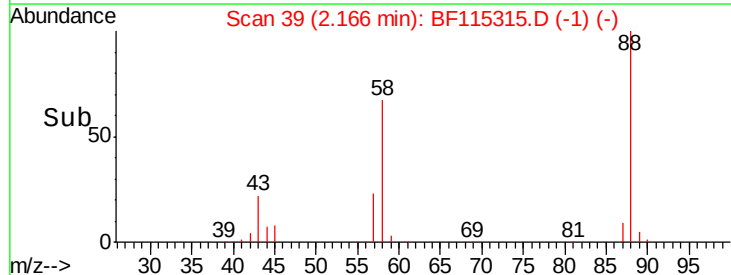
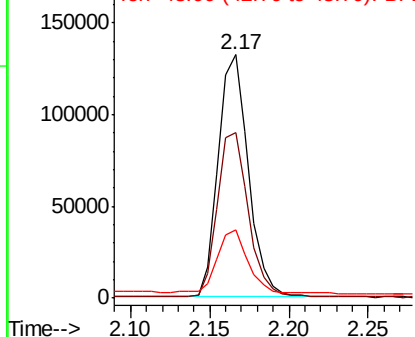
#2

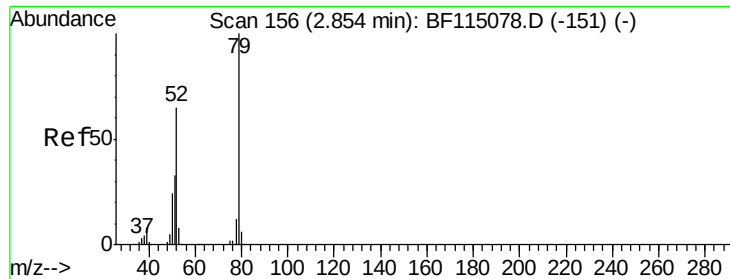
1,4-Dioxane
Concen: 27.605 ng
RT: 2.17 min Scan# 39
Delta R.T. 0.01 min
Lab File: BF115315.D
Acq: 29 Jun 2019 11:45

Tgt Ion: 88 Resp: 174502
Ion Ratio Lower Upper
88 100
58 69.4 56.1 84.1
43 27.8 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: 19.119 ng

RT: 2.82 min Scan# 151

Delta R.T. 0.02 min

Lab File: BF115315.D

Acq: 29 Jun 2019 11:45

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14MS

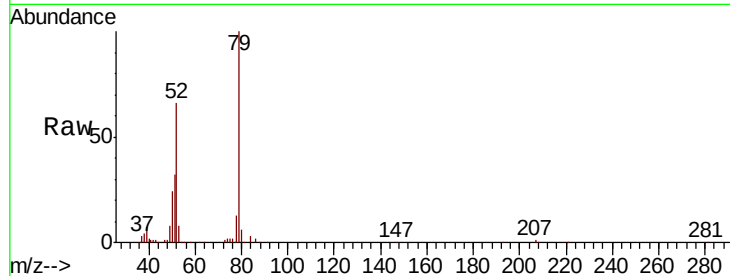
Tgt Ion: 79 Resp: 340640

Ion Ratio Lower Upper

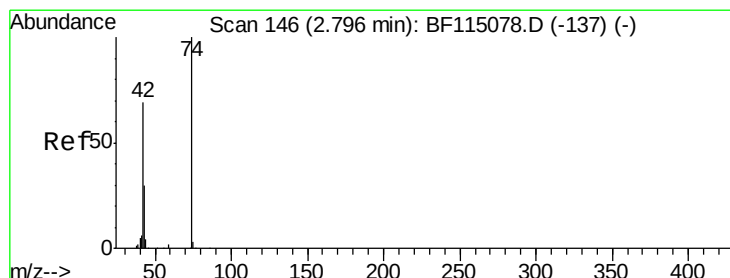
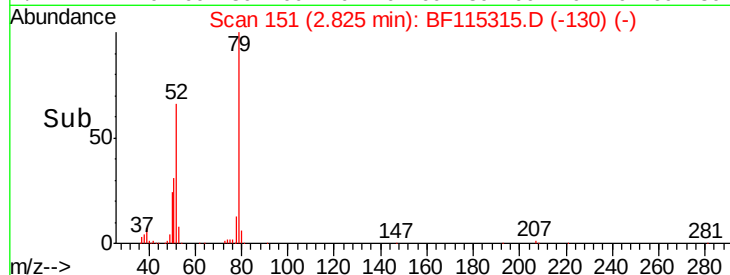
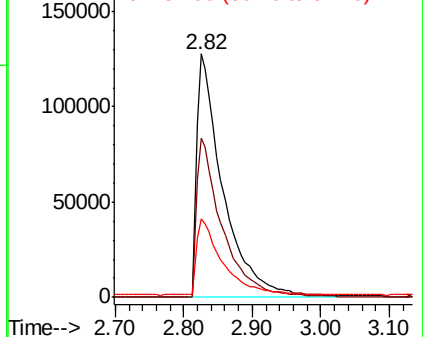
79 100

52 65.5 52.3 78.5

51 32.1 26.1 39.1



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



#4

n-Nitrosodimethylamine

Concen: 30.647 ng

RT: 2.75 min Scan# 139

Delta R.T. 0.01 min

Lab File: BF115315.D

Acq: 29 Jun 2019 11:45

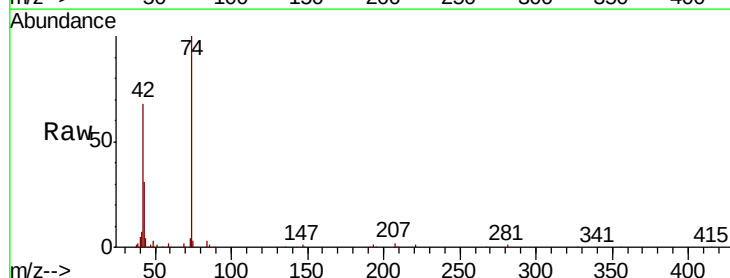
Tgt Ion: 42 Resp: 214058

Ion Ratio Lower Upper

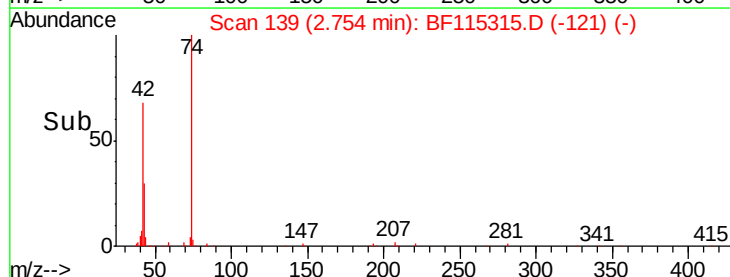
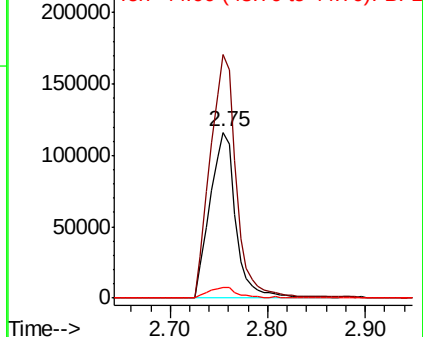
42 100

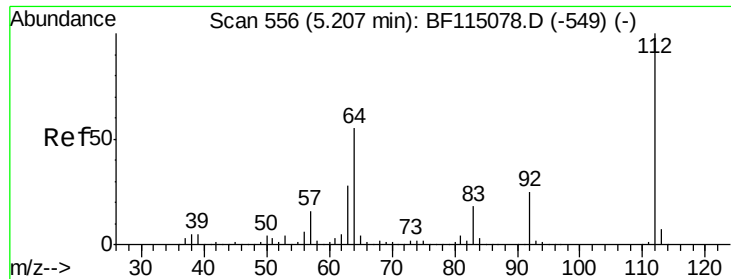
74 147.1 116.6 175.0

44 6.3 5.3 7.9



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





#5

2-Fluorophenol

Concen: 104.267 ng

RT: 5.20 min Scan# 554

Delta R.T. 0.01 min

Lab File: BF115315.D

Acq: 29 Jun 2019 11:45

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14MS

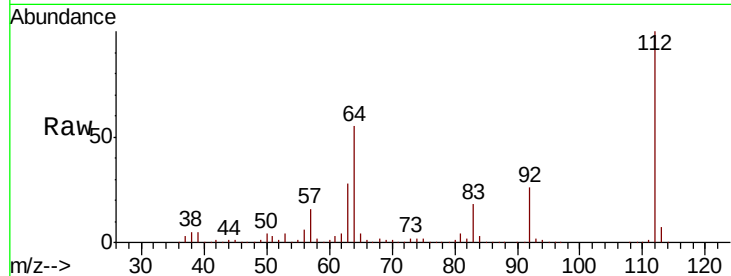
Tgt Ion: 112 Resp: 1396572

Ion Ratio Lower Upper

112 100

64 54.8 43.8 65.6

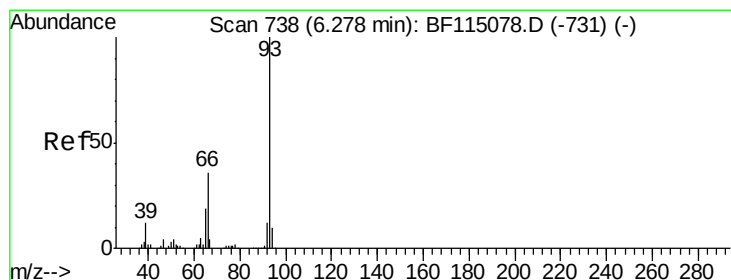
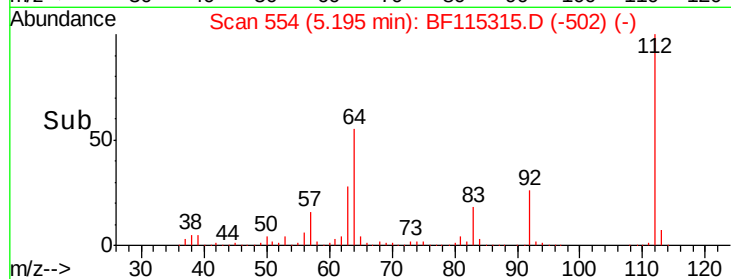
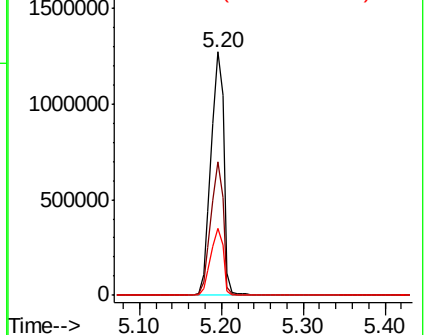
63 27.6 22.2 33.4



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: 19.673 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF115315.D

Acq: 29 Jun 2019 11:45

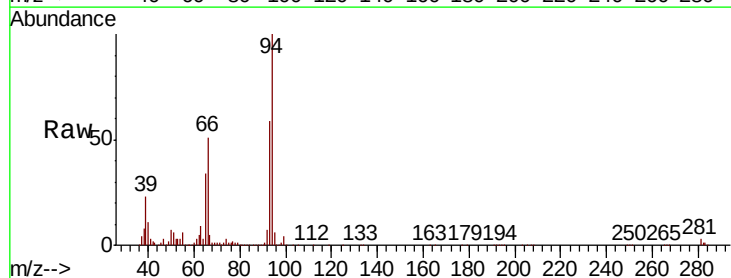
Tgt Ion: 93 Resp: 439571

Ion Ratio Lower Upper

93 100

66 85.1 30.0 45.0#

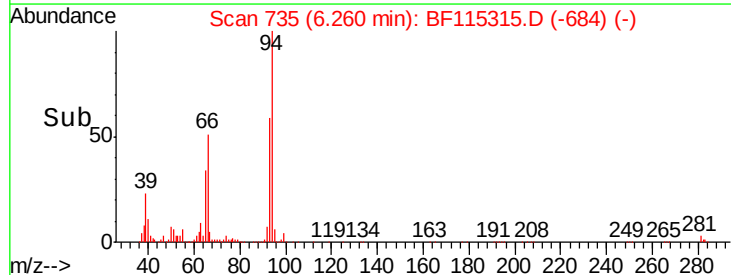
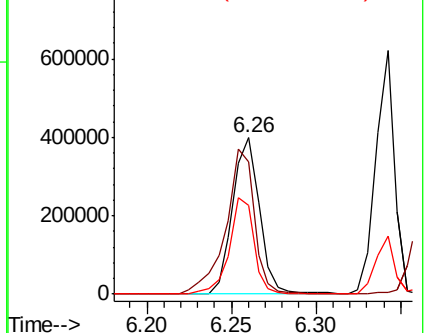
65 56.8 15.6 23.4#

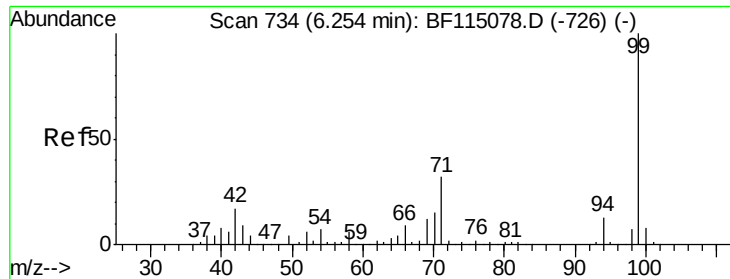


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 109.161 ng

RT: 6.24 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF115315.D

Acq: 29 Jun 2019 11:45

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14MS

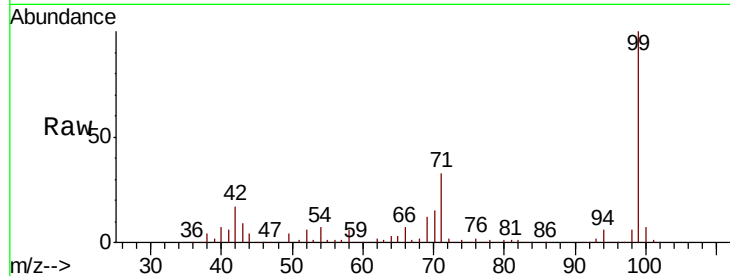
Tgt Ion: 99 Resp: 1774652

Ion Ratio Lower Upper

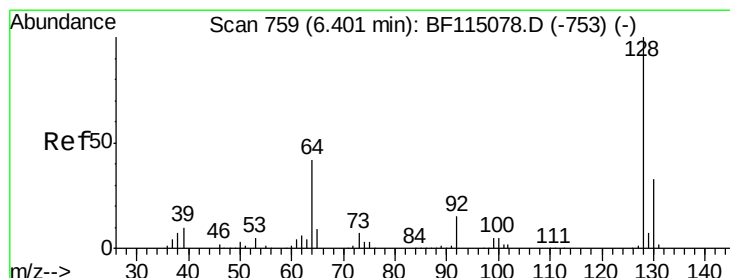
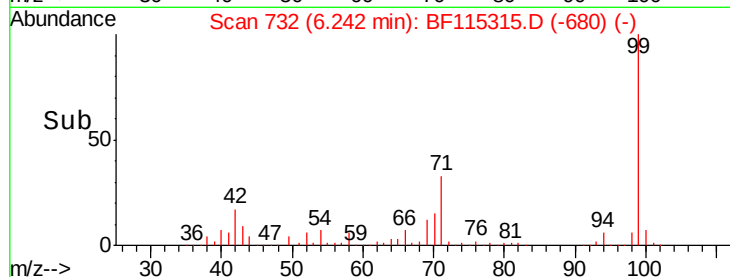
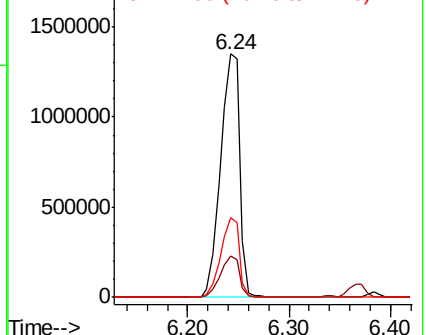
99 100

42 17.0 13.6 20.4

71 32.8 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: 35.812 ng

RT: 6.38 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF115315.D

Acq: 29 Jun 2019 11:45

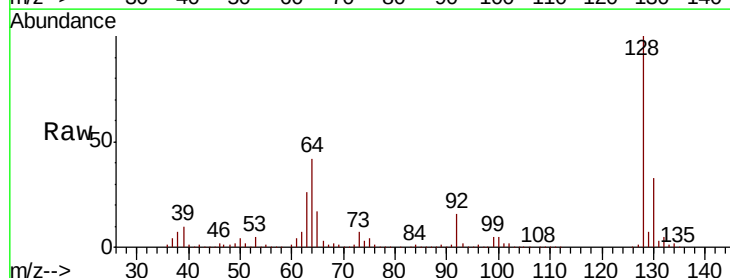
Tgt Ion: 128 Resp: 539368

Ion Ratio Lower Upper

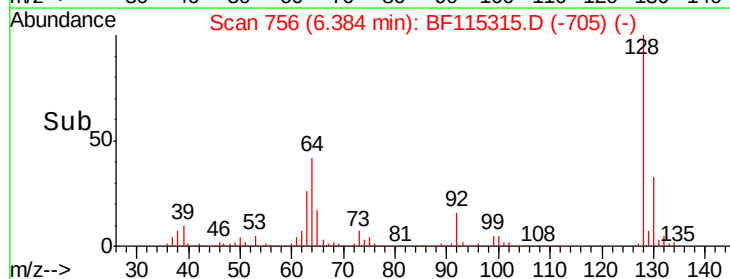
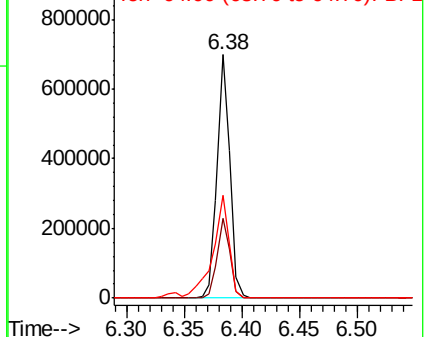
128 100

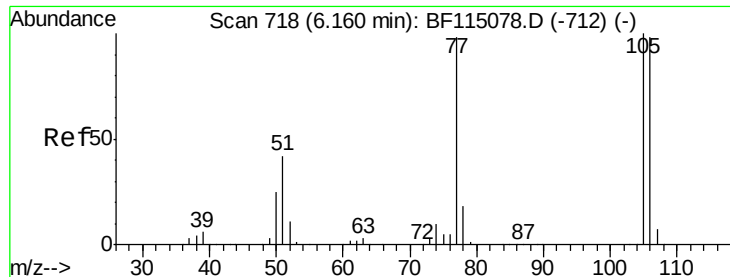
130 32.5 12.9 52.9

64 42.2 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: 30.577 ng

RT: 6.14 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF115315.D

Acq: 29 Jun 2019 11:45

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14MS

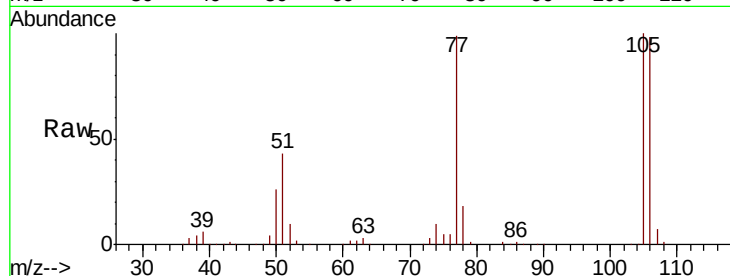
Tgt Ion: 77 Resp: 324311

Ion Ratio Lower Upper

77 100

105 101.3 81.5 121.5

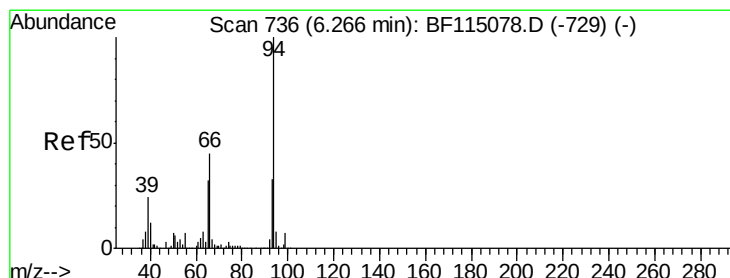
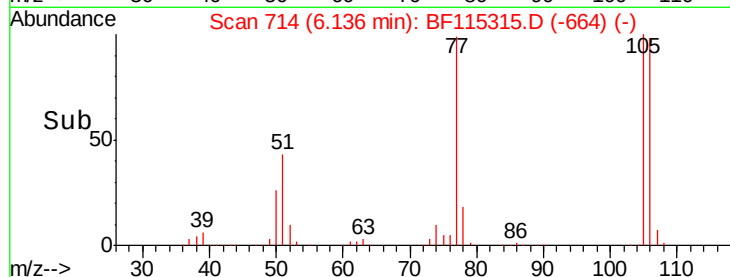
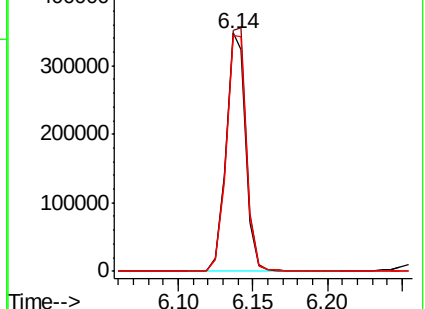
106 99.0 79.7 119.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 33.782 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115315.D

Acq: 29 Jun 2019 11:45

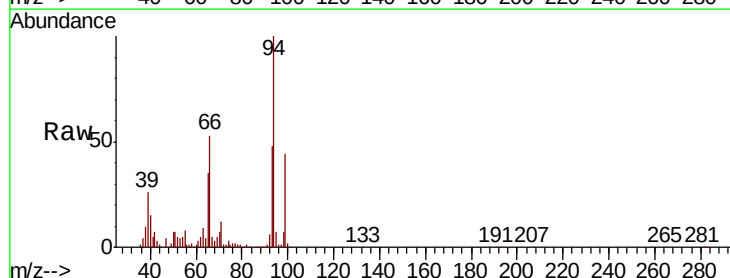
Tgt Ion: 94 Resp: 643326

Ion Ratio Lower Upper

94 100

65 34.8 11.9 51.9

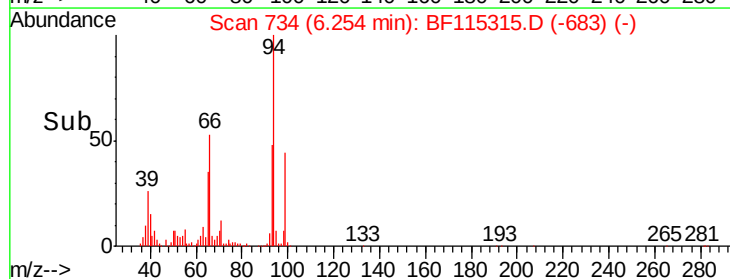
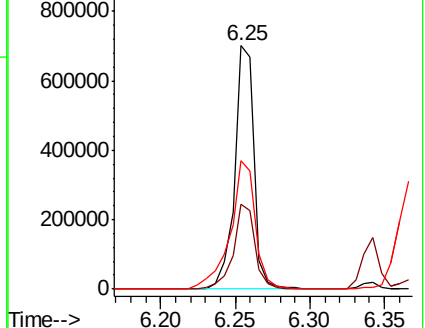
66 52.7 25.2 65.2

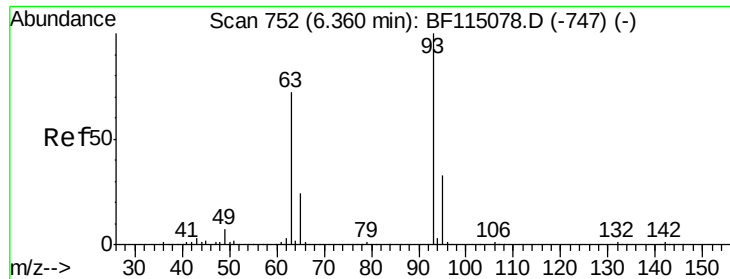


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 34.134 ng

RT: 6.34 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF115315.D

Acq: 29 Jun 2019 11:45

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14MS

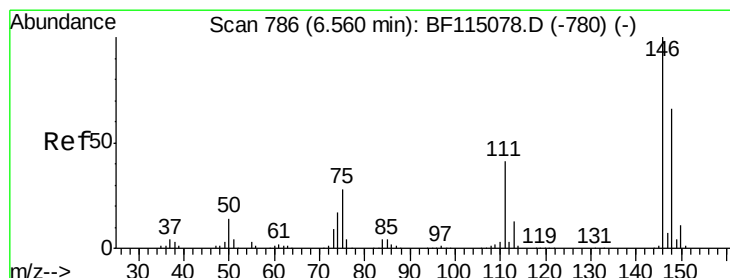
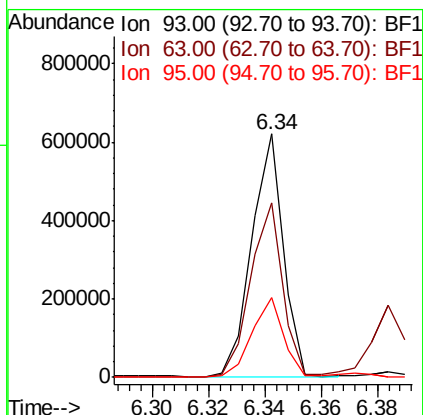
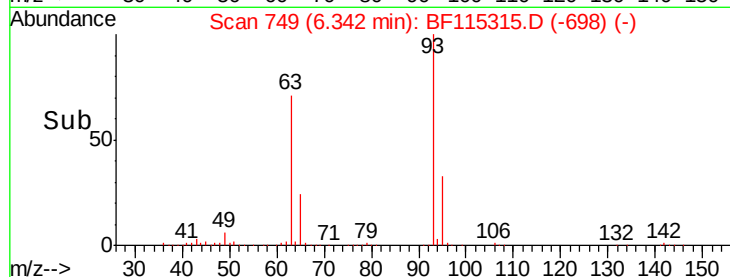
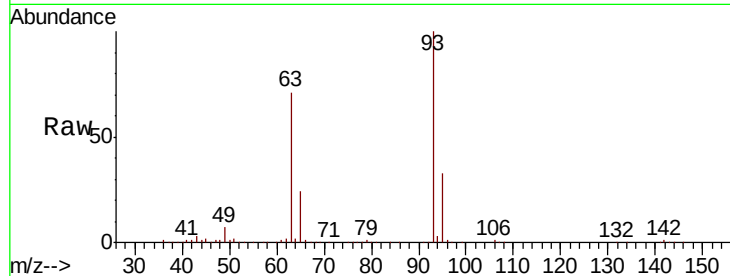
Tgt Ion: 93 Resp: 479157

Ion Ratio Lower Upper

93 100

63 71.4 51.5 91.5

95 32.9 13.4 53.4



#12

1,3-Dichlorobenzene

Concen: 33.097 ng

RT: 6.54 min Scan# 783

Delta R.T. 0.01 min

Lab File: BF115315.D

Acq: 29 Jun 2019 11:45

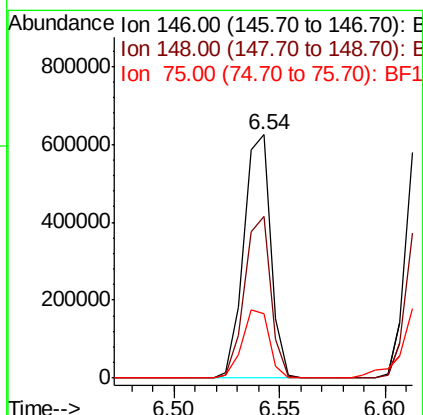
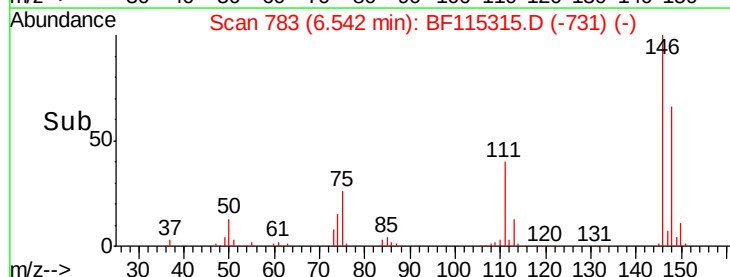
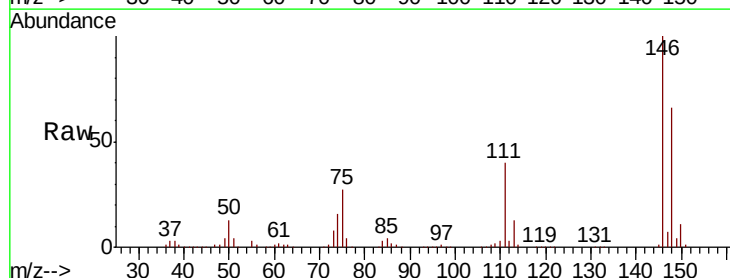
Tgt Ion: 146 Resp: 553205

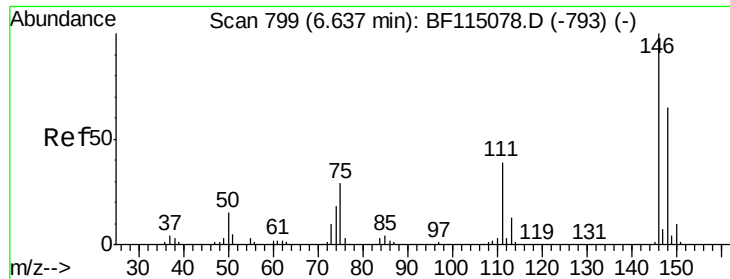
Ion Ratio Lower Upper

146 100

148 66.3 52.6 78.8

75 26.6 22.6 34.0

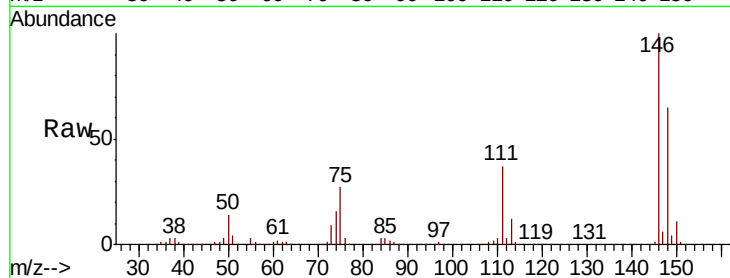




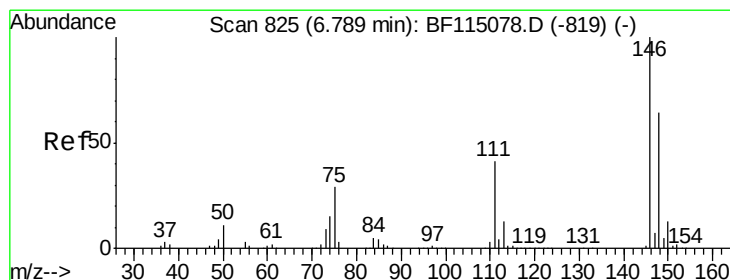
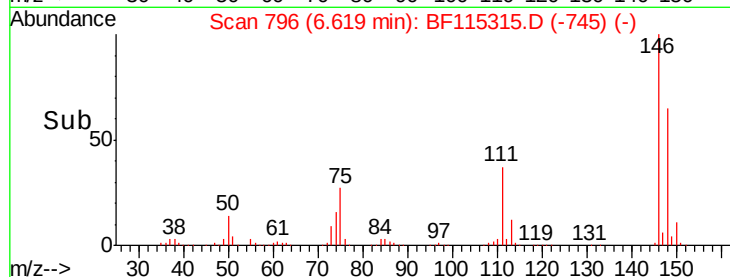
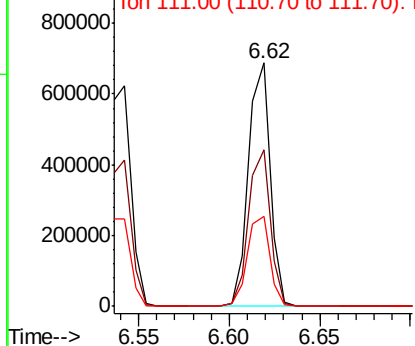
#13
 1,4-Dichlorobenzene
 Concen: 34.288 ng
 RT: 6.62 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF115315.D
 Acq: 29 Jun 2019 11:45

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-14MS

Tgt Ion:146 Resp: 574712
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.9 77.9
 111 37.1 31.4 47.0

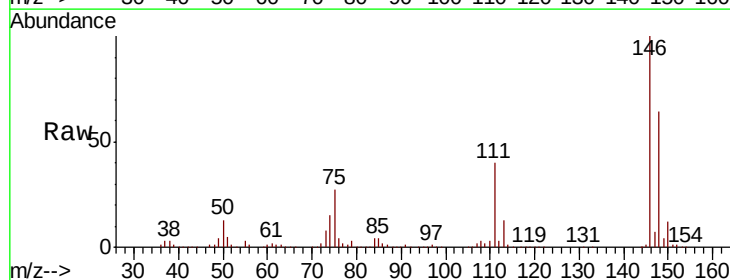


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

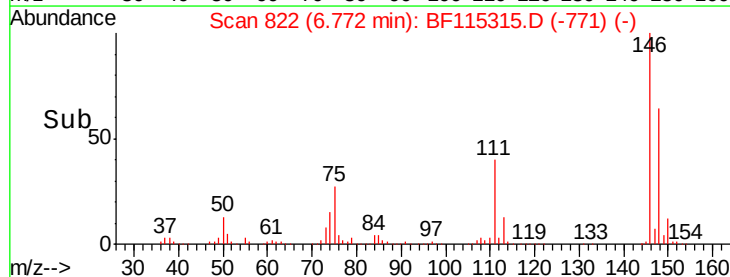
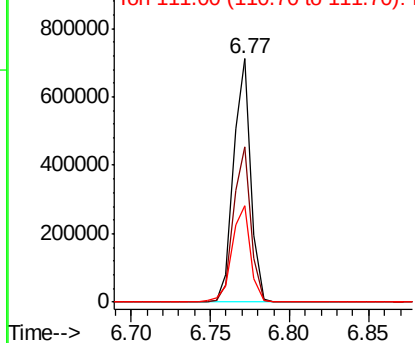


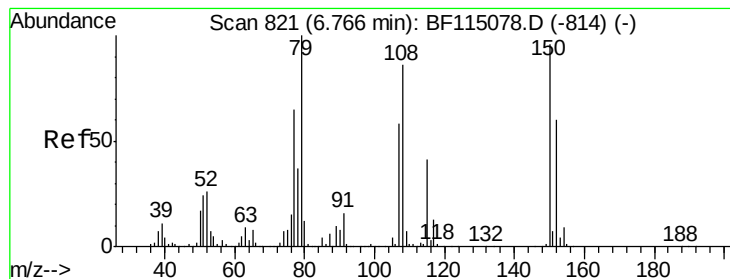
#14
 1,2-Dichlorobenzene
 Concen: 34.428 ng
 RT: 6.77 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF115315.D
 Acq: 29 Jun 2019 11:45

Tgt Ion:146 Resp: 534392
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.1 76.7
 111 39.6 33.2 49.8



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 34.656 ng

RT: 6.75 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF115315.D

Acq: 29 Jun 2019 11:45

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14MS

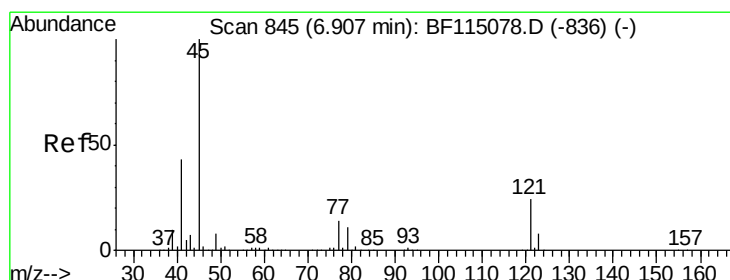
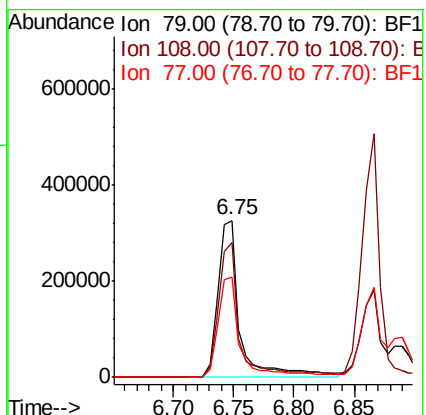
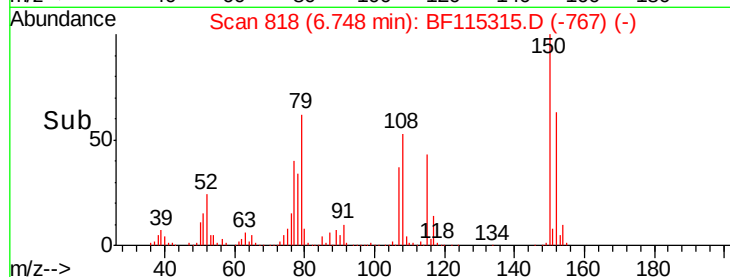
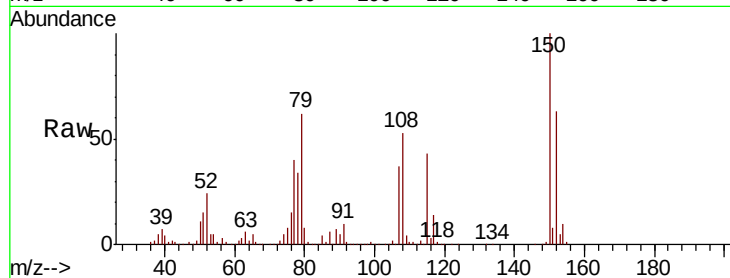
Tgt Ion: 79 Resp: 410257

Ion Ratio Lower Upper

79 100

108 85.8 68.7 103.1

77 64.0 51.7 77.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.150 ng

RT: 6.88 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF115315.D

Acq: 29 Jun 2019 11:45

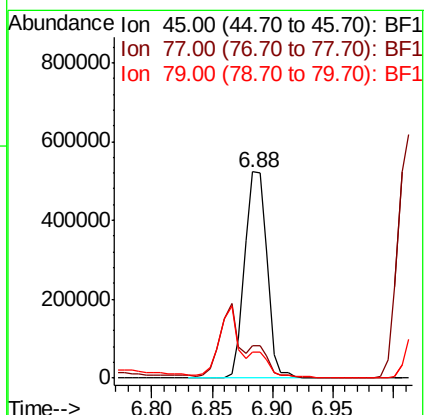
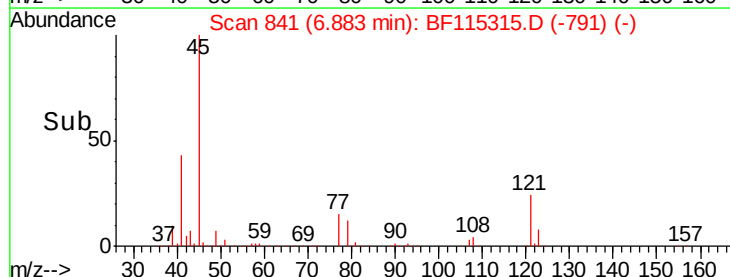
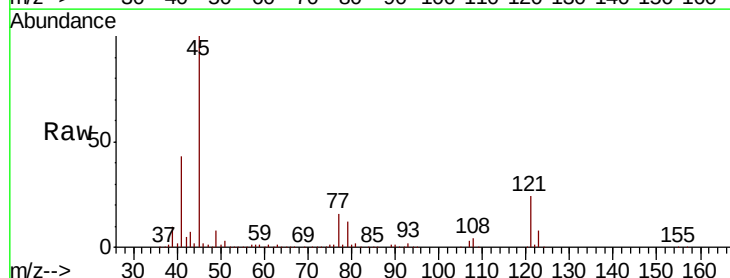
Tgt Ion: 45 Resp: 674918

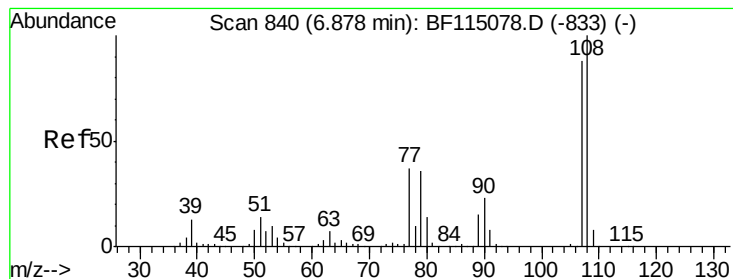
Ion Ratio Lower Upper

45 100

77 15.7 0.0 34.6

79 12.4 0.0 31.2





#17

2-Methylphenol

Concen: 36.242 ng

RT: 6.87 min Scan# 838

Delta R.T. 0.01 min

Lab File: BF115315.D

Acq: 29 Jun 2019 11:45

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14MS

Tgt Ion:107 Resp: 450553

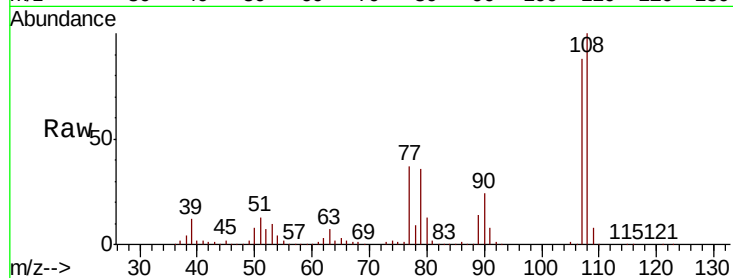
Ion Ratio Lower Upper

107 100

108 113.2 90.9 136.3

77 42.1 33.4 50.2

79 40.5 32.3 48.5

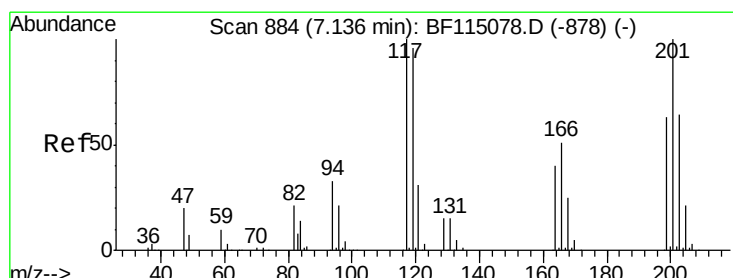
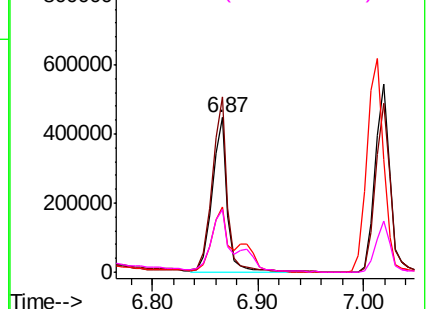
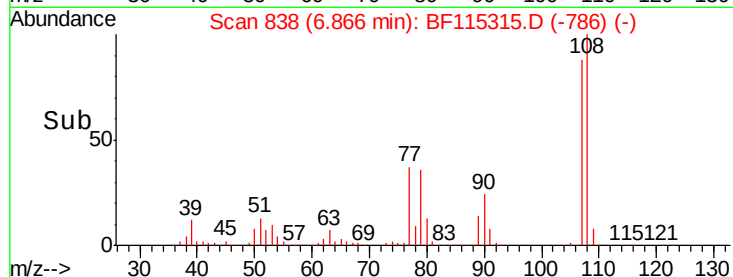


Abundance Ion 107.00 (106.70 to 107.70): E

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: 32.658 ng

RT: 7.11 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF115315.D

Acq: 29 Jun 2019 11:45

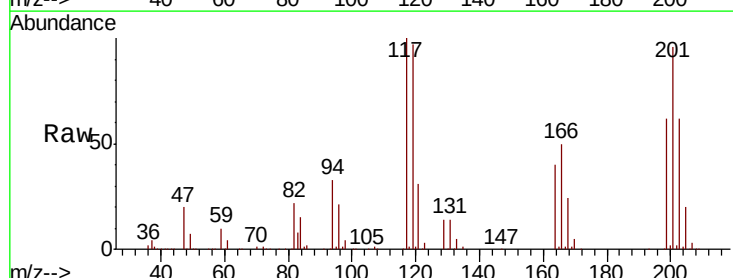
Tgt Ion:117 Resp: 197345

Ion Ratio Lower Upper

117 100

119 96.8 76.6 114.8

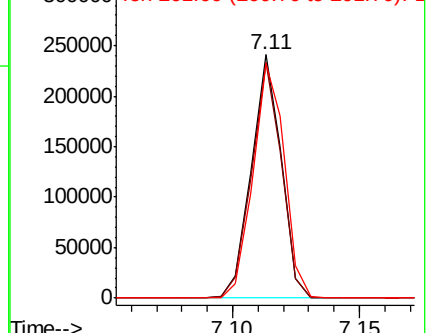
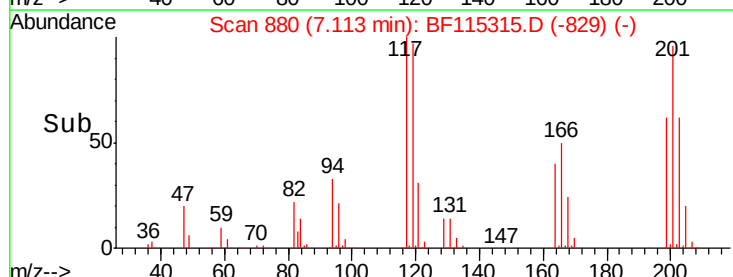
201 96.3 80.2 120.2

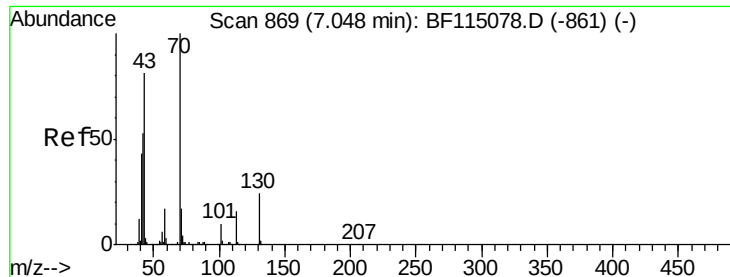


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

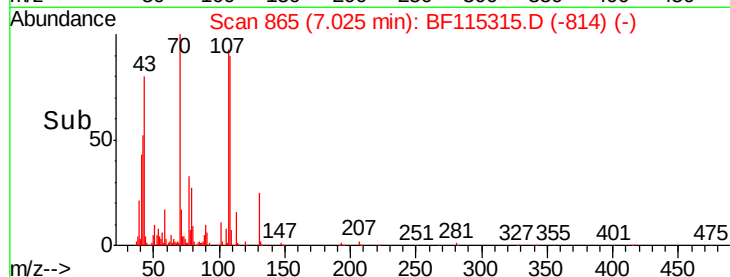
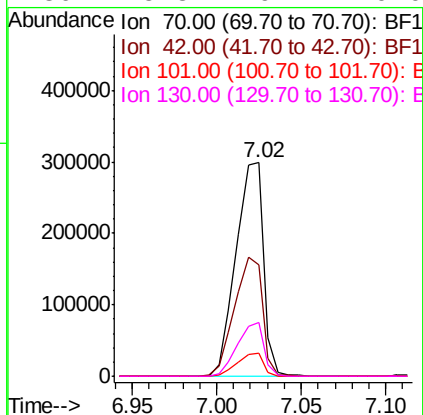
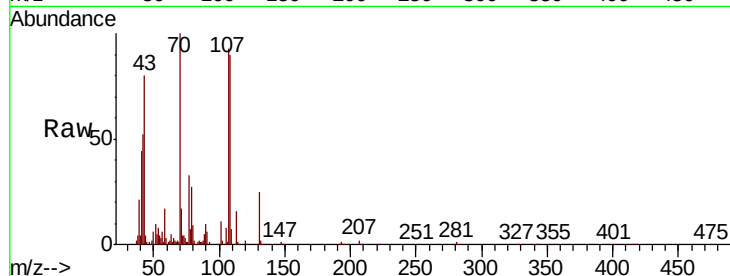




#19
n-Nitroso-di-n-propylamine
Concen: 32.792 ng
RT: 7.02 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF115315.D
Acq: 29 Jun 2019 11:45

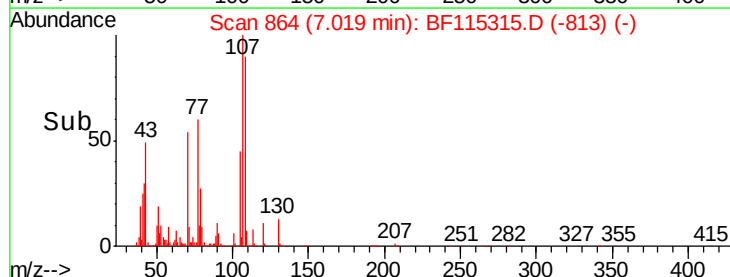
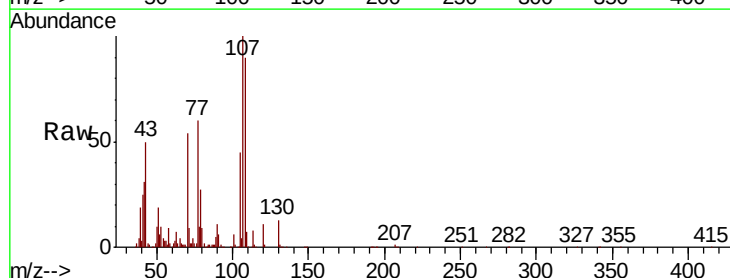
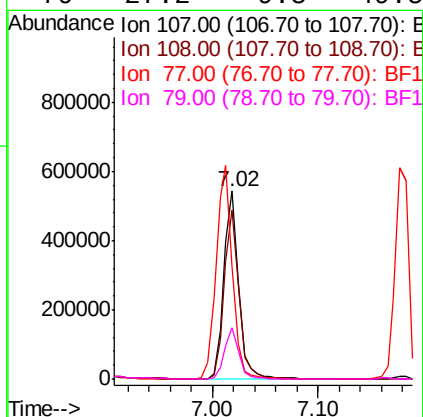
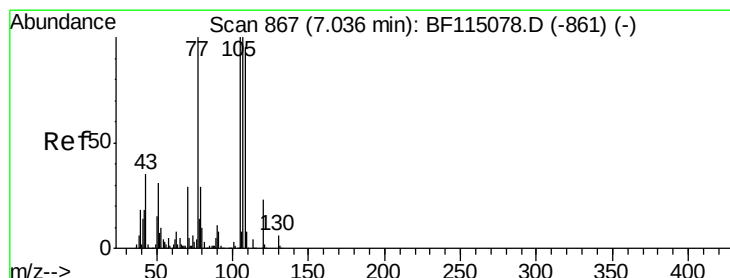
Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MS

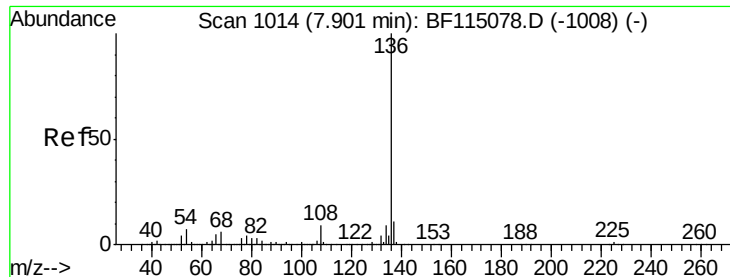
Tgt Ion:	70	Resp:	341297
Ion	Ratio	Lower	Upper
70	100		
42	51.9	42.6	63.8
101	10.8	8.0	12.0
130	25.3	19.4	29.0



#20
3+4-Methylphenols
Concen: 36.984 ng
RT: 7.02 min Scan# 864
Delta R.T. 0.00 min
Lab File: BF115315.D
Acq: 29 Jun 2019 11:45

Tgt Ion:	107	Resp:	530885
Ion	Ratio	Lower	Upper
107	100		
108	90.2	75.5	115.5
77	60.2	80.2	120.2
79	27.2	9.5	49.5

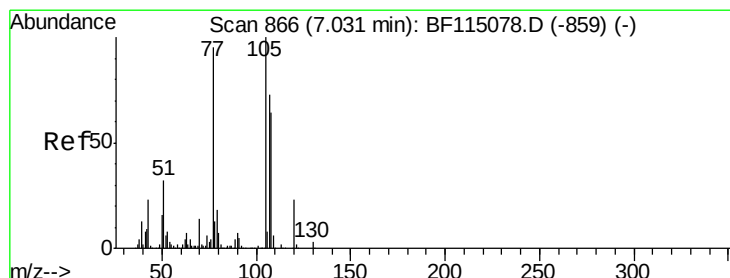
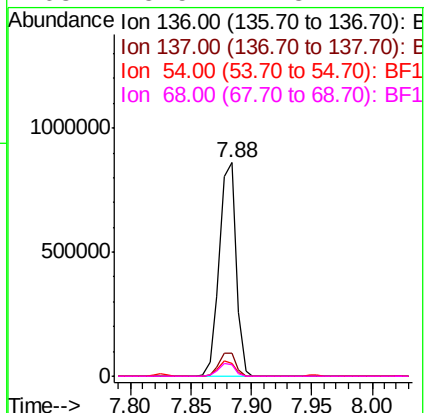
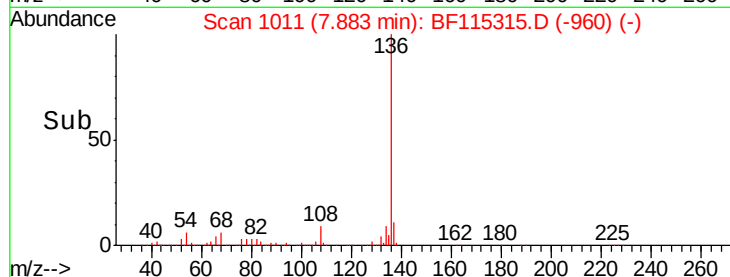
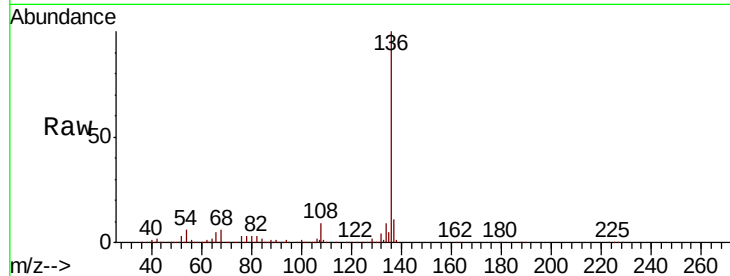




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF115315.D
Acq: 29 Jun 2019 11:45

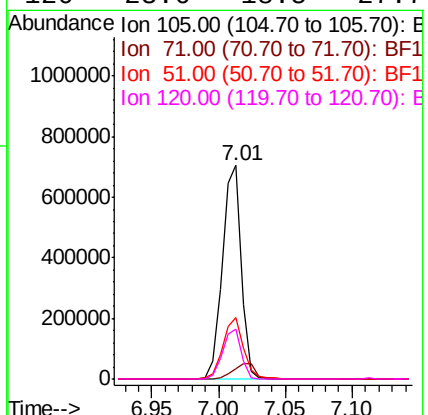
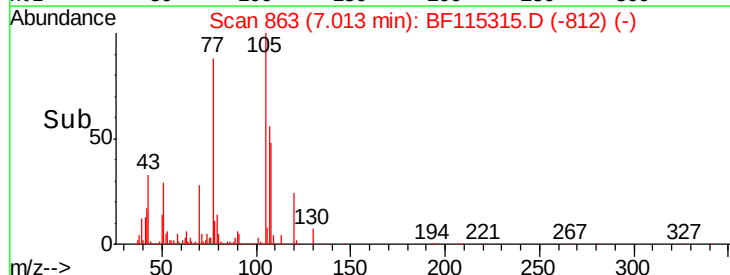
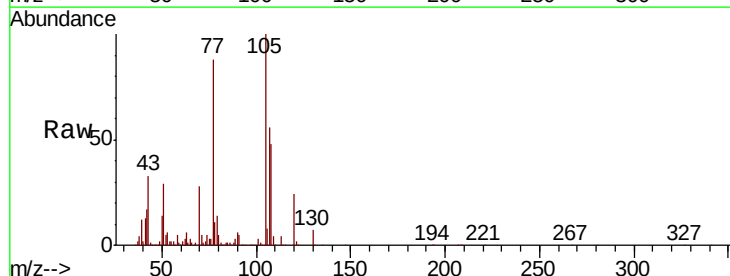
Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MS

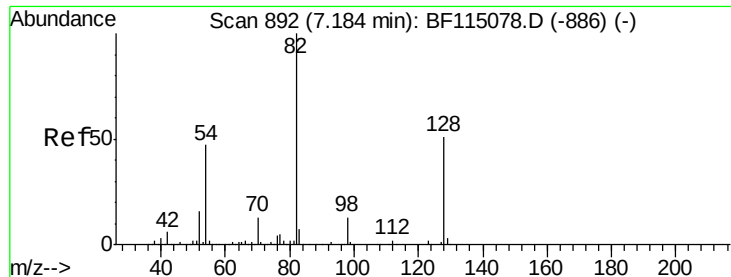
Tgt Ion:	136	Resp:	821606
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.3	5.6	8.4
68	5.5	4.8	7.2



#22
Acetophenone
Concen: 37.413 ng
RT: 7.01 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF115315.D
Acq: 29 Jun 2019 11:45

Tgt Ion:	105	Resp:	703714
Ion	Ratio	Lower	Upper
105	100		
71	4.8	1.9	2.9#
51	28.8	25.8	38.8
120	23.6	18.5	27.7

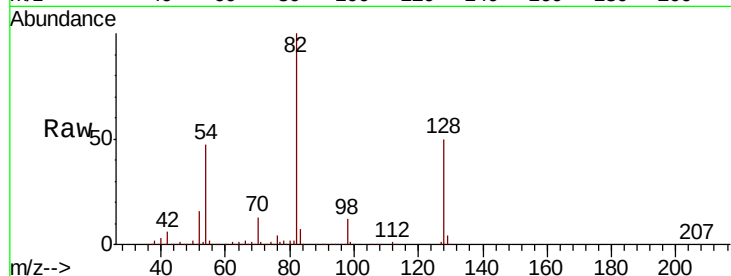




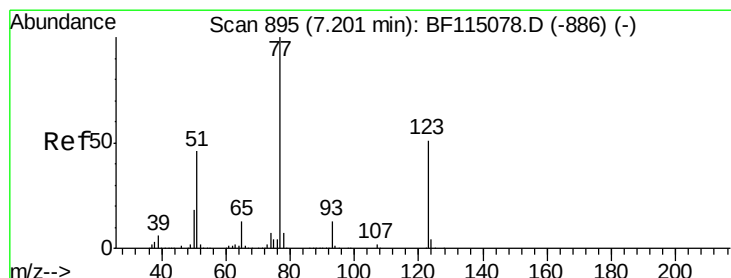
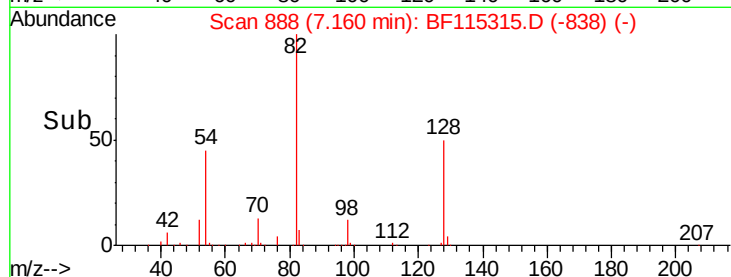
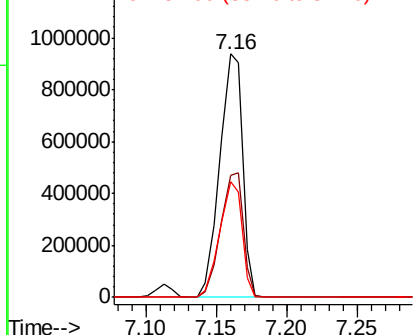
#23
 Nitrobenzene-d5
 Concen: 79.110 ng
 RT: 7.16 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF115315.D
 Acq: 29 Jun 2019 11:45

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-14MS

Tgt Ion: 82 Resp: 1056603
 Ion Ratio Lower Upper
 82 100
 128 49.9 40.4 60.6
 54 47.3 37.5 56.3

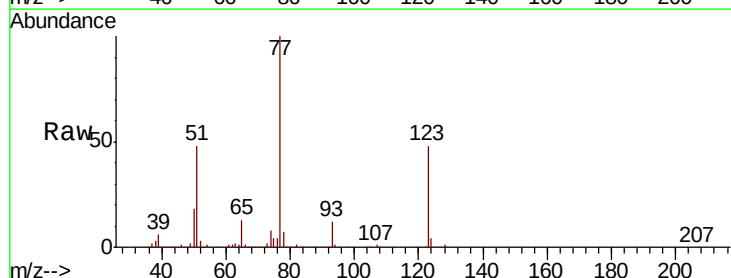


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

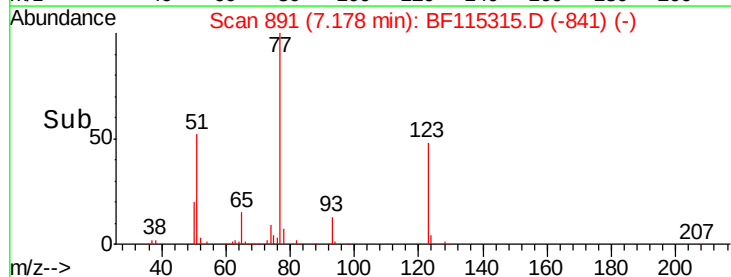
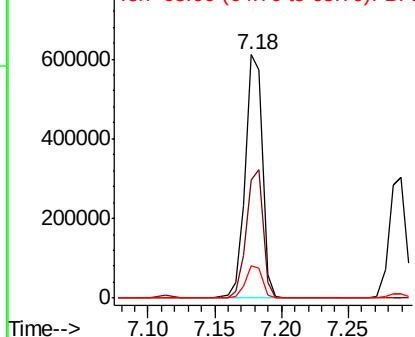


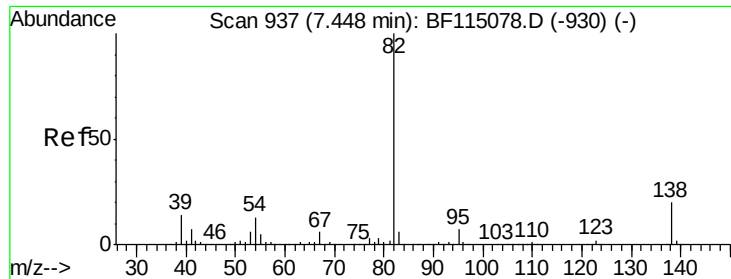
#24
 Nitrobenzene
 Concen: 36.700 ng
 RT: 7.18 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF115315.D
 Acq: 29 Jun 2019 11:45

Tgt Ion: 77 Resp: 540004
 Ion Ratio Lower Upper
 77 100
 123 48.5 41.0 61.6
 65 13.1 10.5 15.7



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

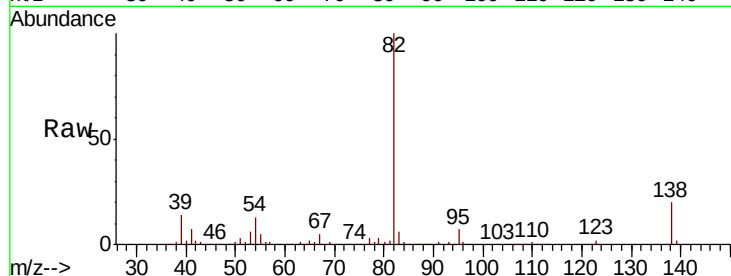




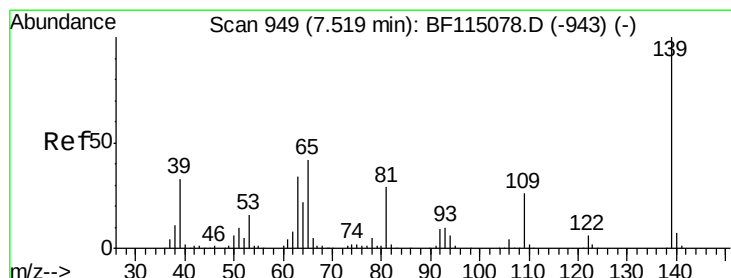
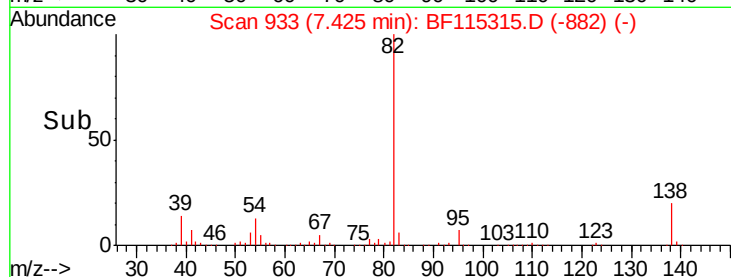
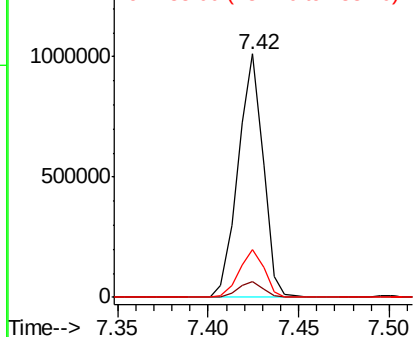
#25
Isophorone
Concen: 35.513 ng
RT: 7.42 min Scan# 933
Delta R.T. 0.00 min
Lab File: BF115315.D
Acq: 29 Jun 2019 11:45

Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MS

Tgt Ion: 82 Resp: 971662
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.2
138 19.9 15.9 23.9

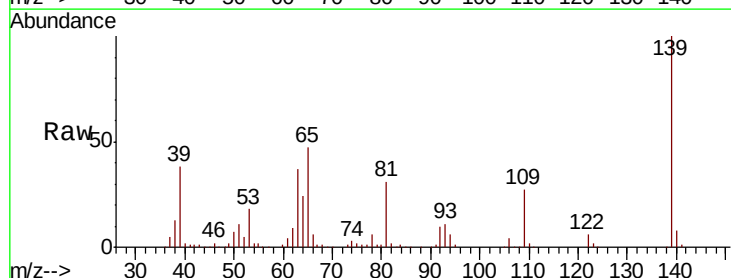


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

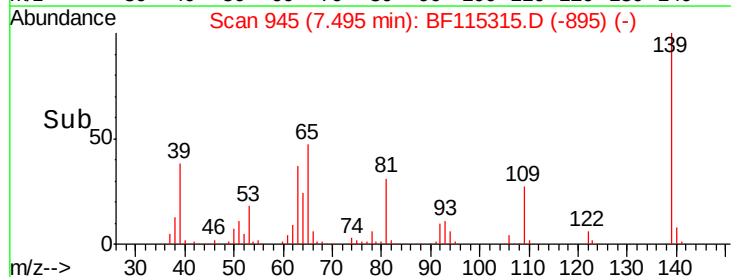
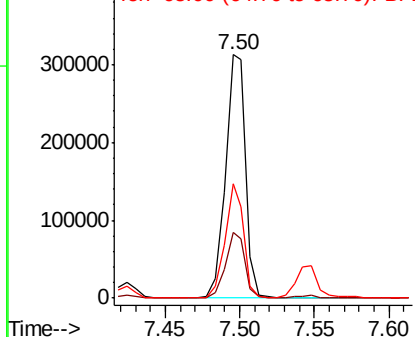


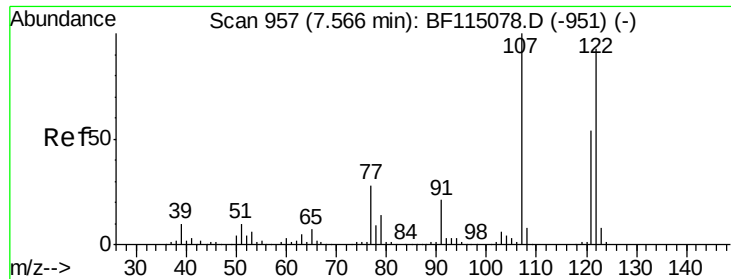
#26
2-Nitrophenol
Concen: 41.180 ng
RT: 7.50 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF115315.D
Acq: 29 Jun 2019 11:45

Tgt Ion: 139 Resp: 299232
Ion Ratio Lower Upper
139 100
109 27.0 20.4 30.6
65 47.0 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: 41.402 ng

RT: 7.55 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF115315.D

Acq: 29 Jun 2019 11:45

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14MS

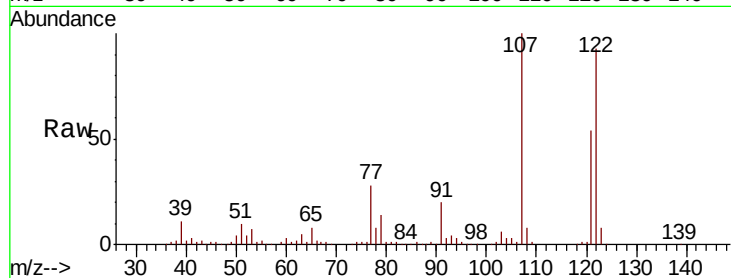
Tgt Ion:122 Resp: 492575

Ion Ratio Lower Upper

122 100

107 107.7 85.8 128.6

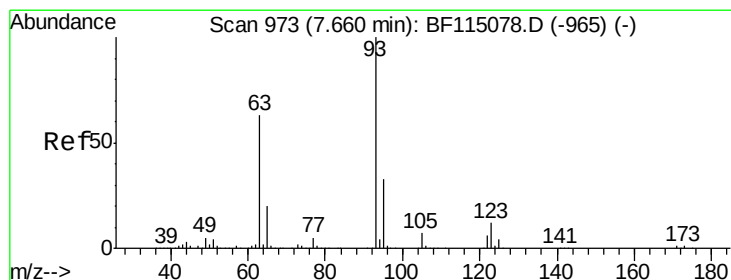
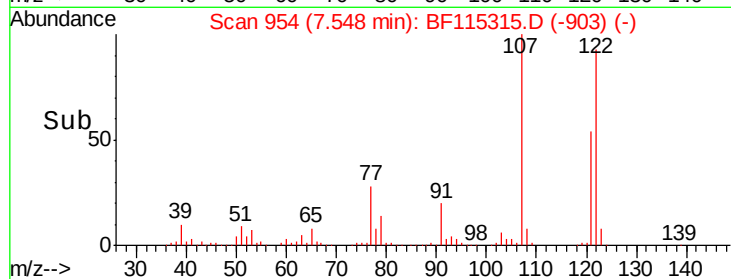
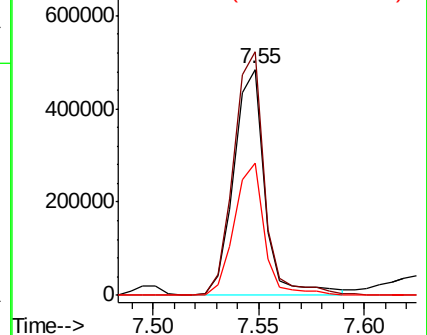
121 58.2 46.3 69.5



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: 36.137 ng

RT: 7.64 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF115315.D

Acq: 29 Jun 2019 11:45

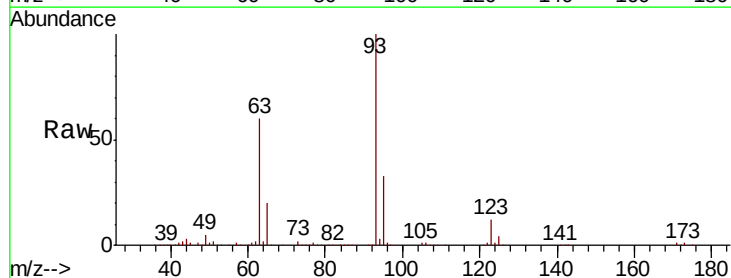
Tgt Ion: 93 Resp: 624916

Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.4

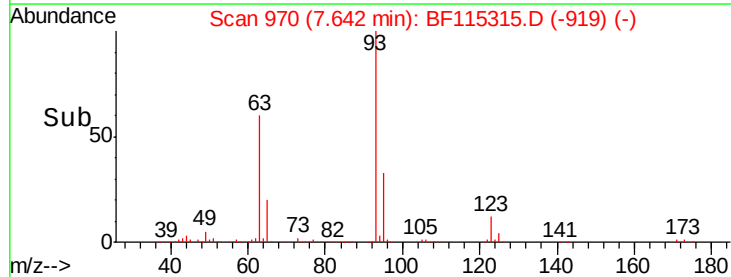
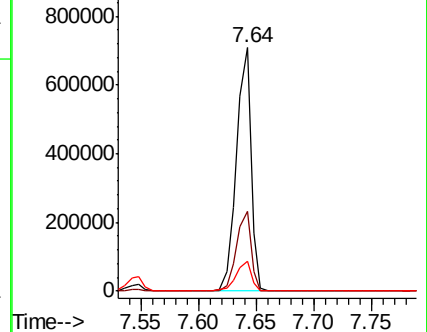
123 12.1 9.7 14.5

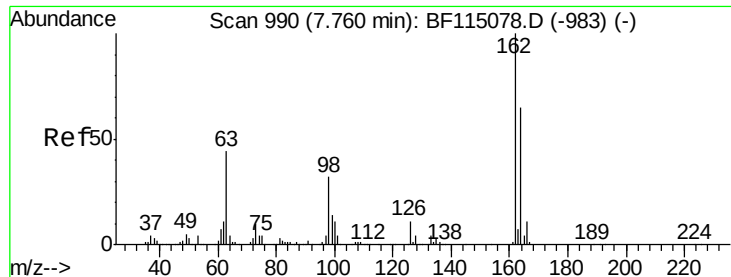


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

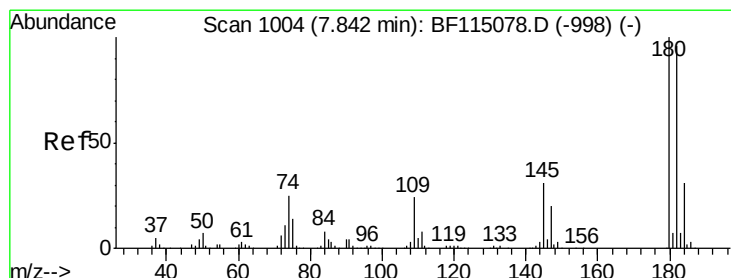
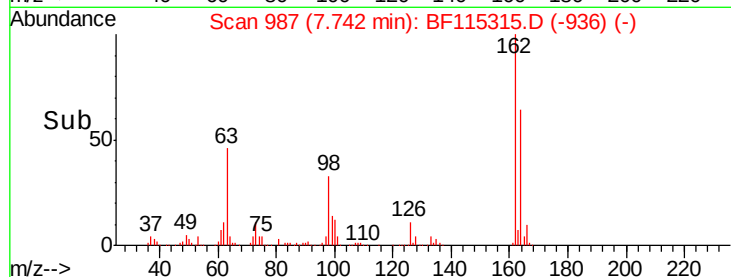
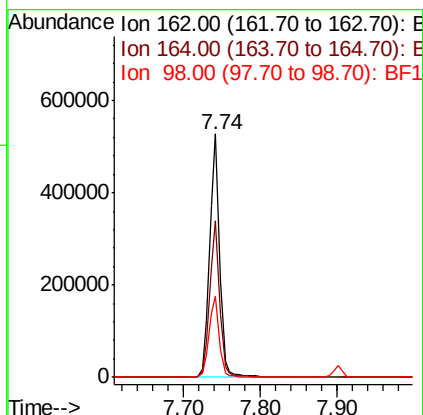
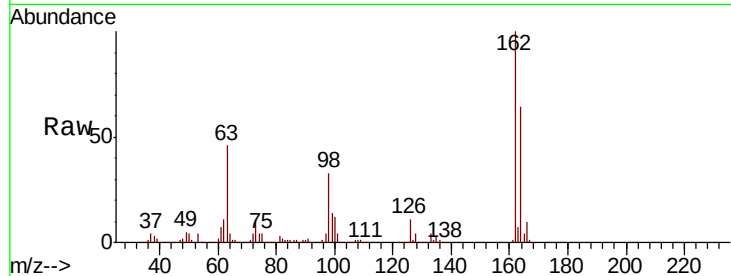




#29
2,4-Dichlorophenol
Concen: 38.503 ng
RT: 7.74 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF115315.D
Acq: 29 Jun 2019 11:45

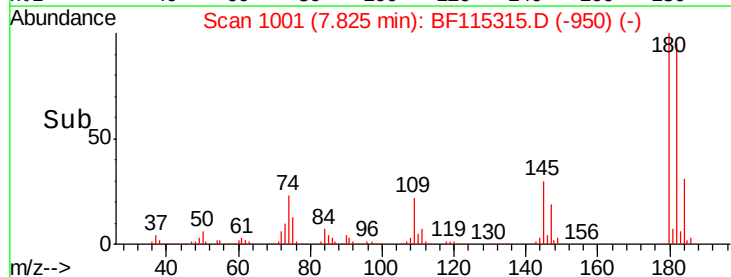
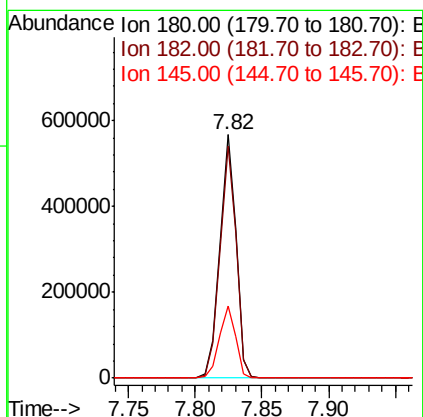
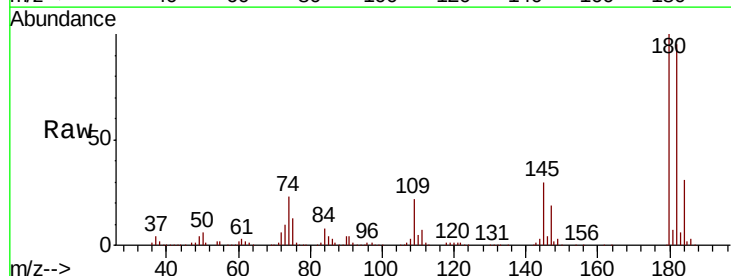
Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MS

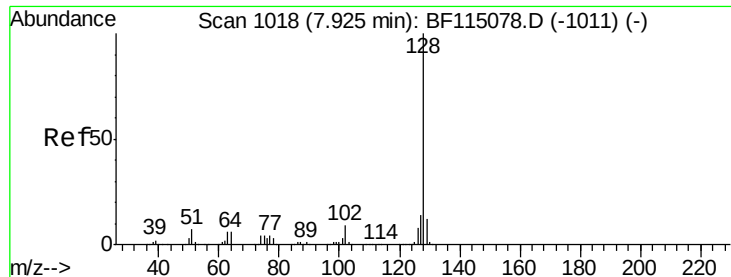
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.5	45.3	85.3
98	33.2	12.5	52.5



#30
1,2,4-Trichlorobenzene
Concen: 36.117 ng
RT: 7.82 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF115315.D
Acq: 29 Jun 2019 11:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.4	114.6
145	29.8	24.8	37.2

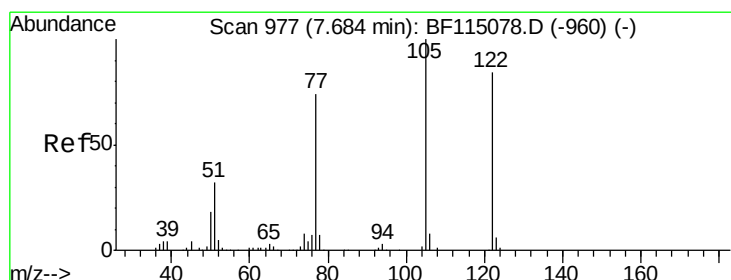
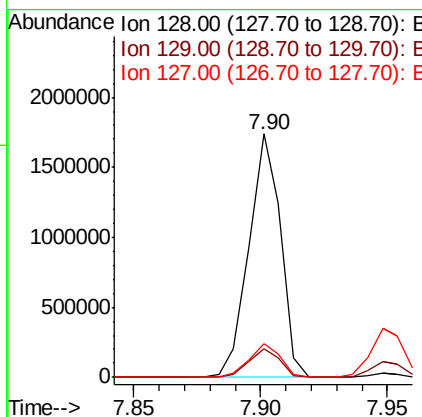
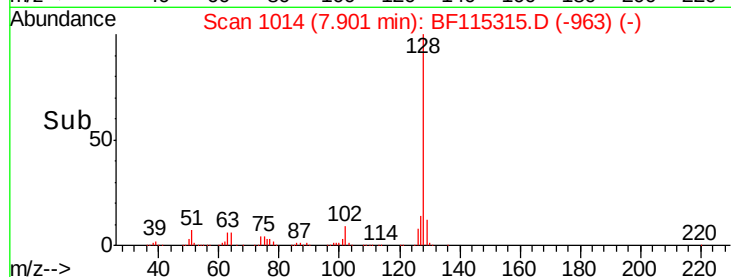
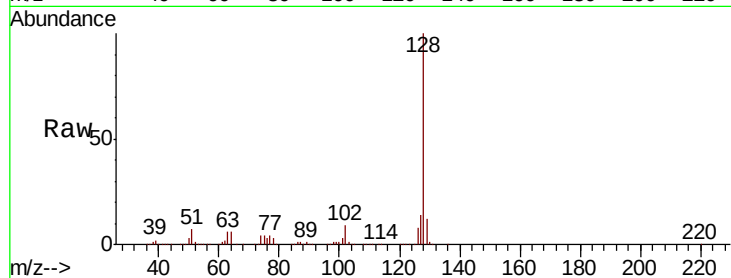




#31
Naphthalene
Concen: 37.444 ng
RT: 7.90 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF115315.D
Acq: 29 Jun 2019 11:45

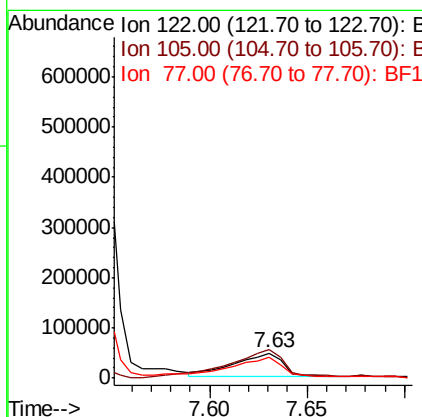
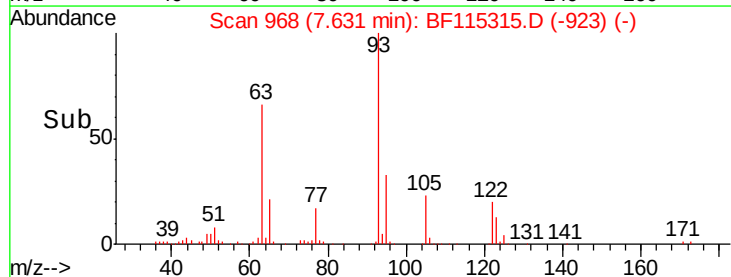
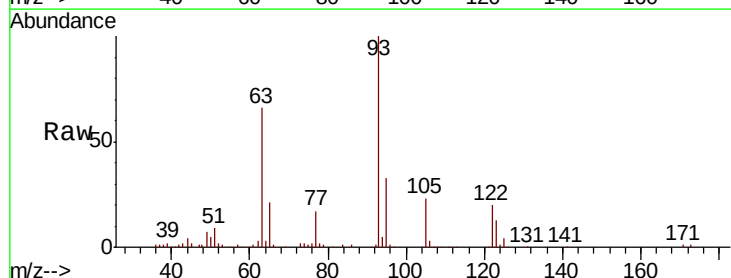
Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MS

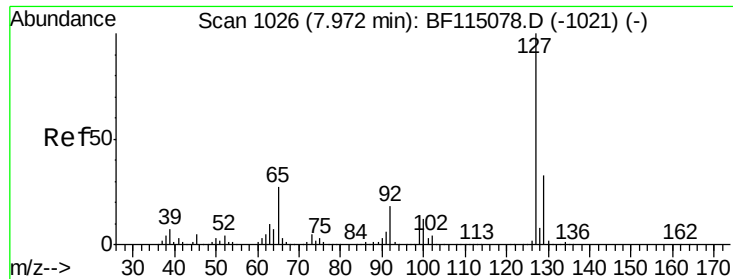
Tgt Ion:128 Resp: 1510133
Ion Ratio Lower Upper
128 100
129 11.7 9.6 14.4
127 13.6 11.4 17.0



#32
Benzoic acid
Concen: 9.728 ng
RT: 7.63 min Scan# 968
Delta R.T. -0.04 min
Lab File: BF115315.D
Acq: 29 Jun 2019 11:45

Tgt Ion:122 Resp: 82613
Ion Ratio Lower Upper
122 100
105 115.4 98.2 138.2
77 84.4 67.0 107.0

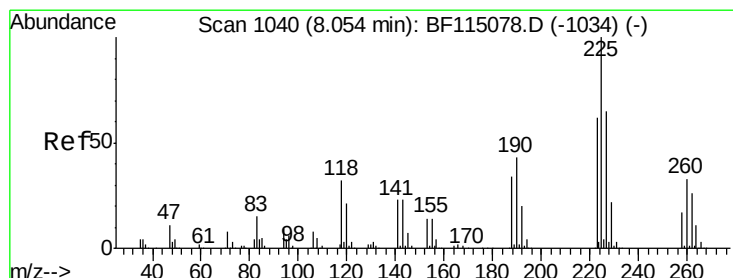
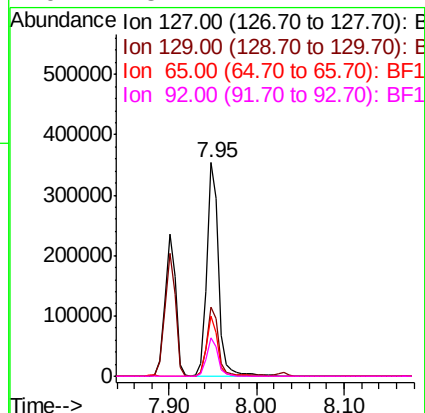
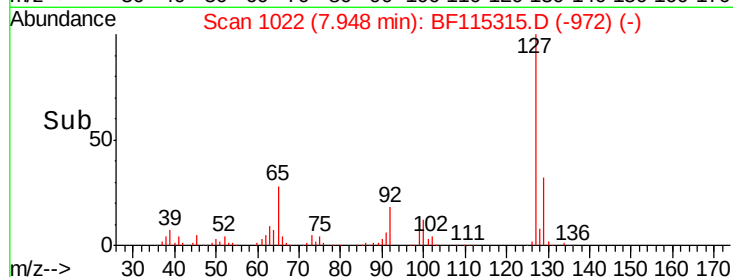
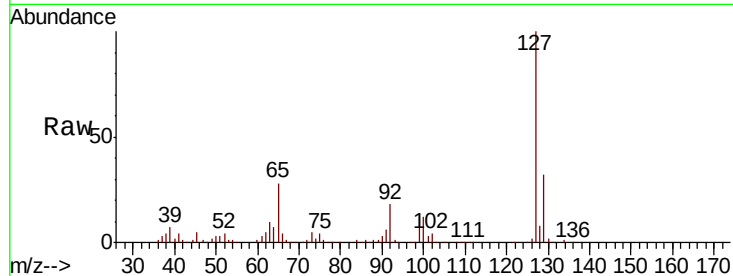




#33
4-Chloroaniline
Concen: 18.032 ng
RT: 7.95 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF115315.D
Acq: 29 Jun 2019 11:45

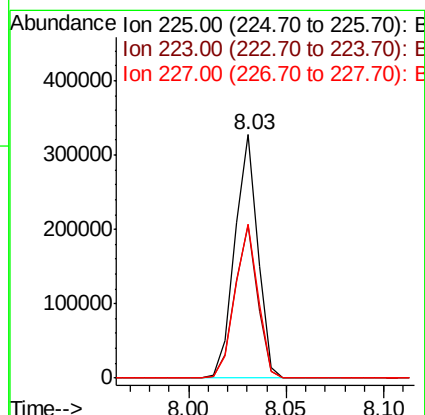
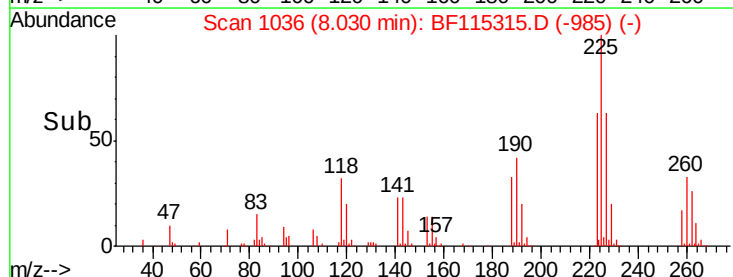
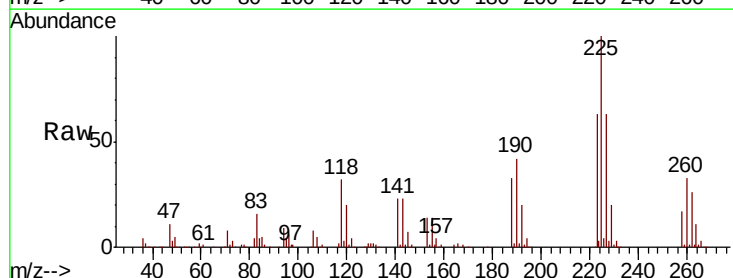
Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MS

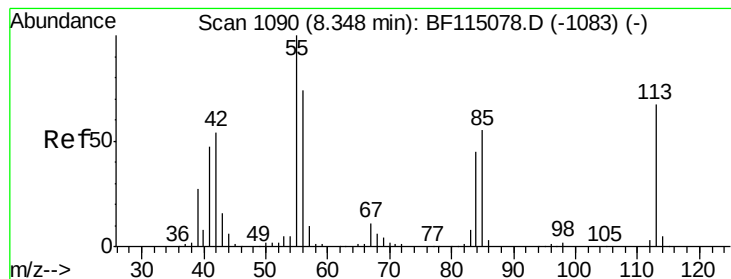
Tgt Ion:	127	Resp:	332360
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.1	39.1
65	28.4	21.4	32.2
92	18.2	14.1	21.1



#34
Hexachlorobutadiene
Concen: 35.949 ng
RT: 8.03 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF115315.D
Acq: 29 Jun 2019 11:45

Tgt Ion:	225	Resp:	267178
Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.4	74.2
227	63.3	51.8	77.8





#35

Caprolactam

Concen: 23.600 ng

RT: 8.31 min Scan# 1084

Delta R.T. -0.01 min

Lab File: BF115315.D

Acq: 29 Jun 2019 11:45

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14MS

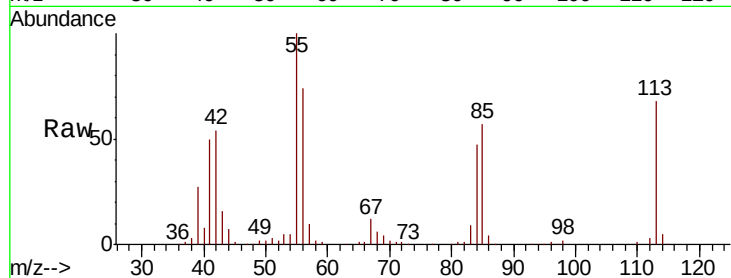
Tgt Ion:113 Resp: 97418

Ion Ratio Lower Upper

113 100

55 147.2 130.2 170.2

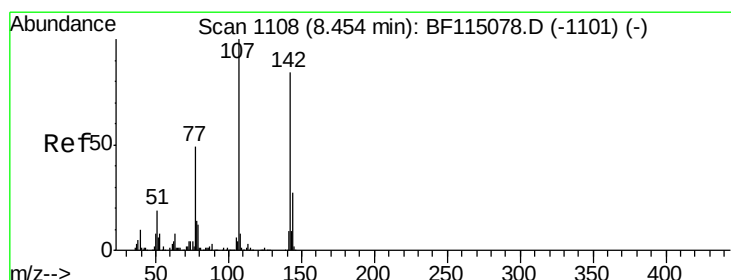
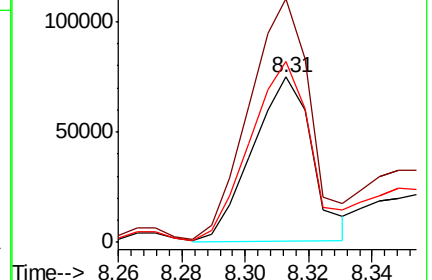
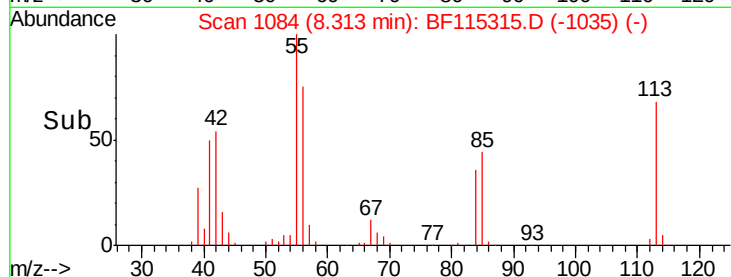
56 109.5 91.6 131.6



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: 38.364 ng

RT: 8.44 min Scan# 1106

Delta R.T. 0.01 min

Lab File: BF115315.D

Acq: 29 Jun 2019 11:45

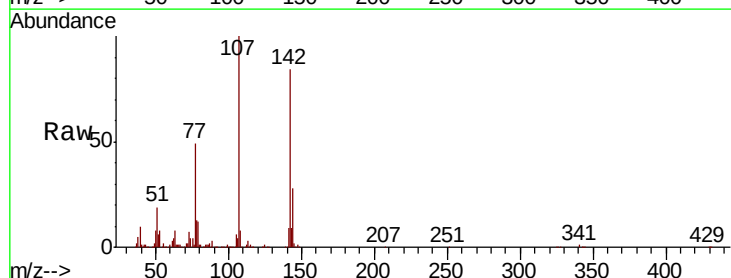
Tgt Ion:107 Resp: 477032

Ion Ratio Lower Upper

107 100

144 27.9 21.7 32.5

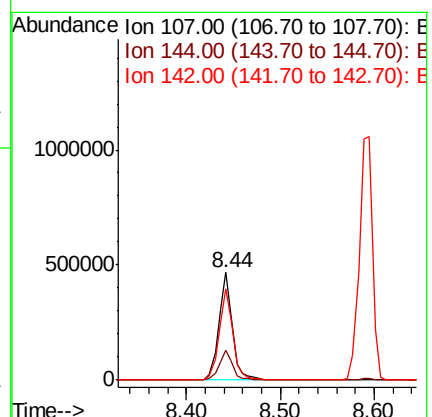
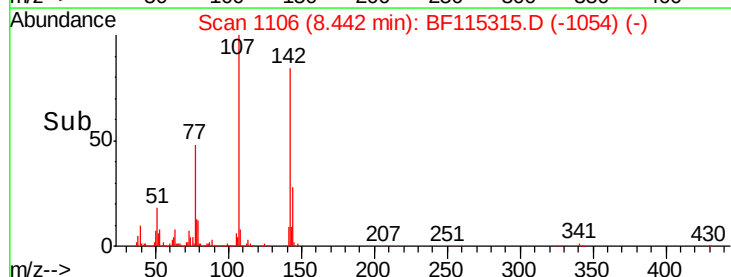
142 84.5 67.0 100.4

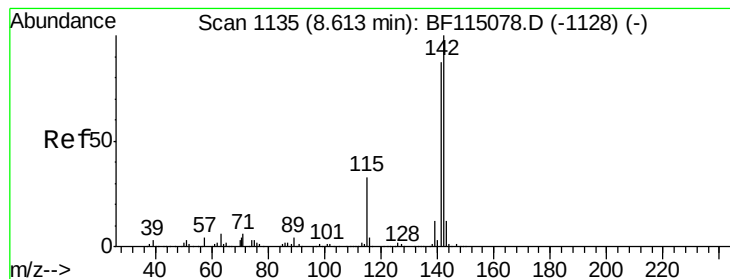


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.051 ng

RT: 8.60 min Scan# 1132

Delta R.T. 0.01 min

Lab File: BF115315.D

Acq: 29 Jun 2019 11:45

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14MS

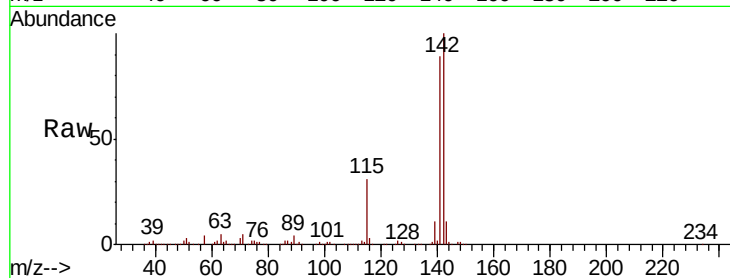
Tgt Ion:142 Resp: 1034729

Ion Ratio Lower Upper

142 100

141 88.8 69.8 104.6

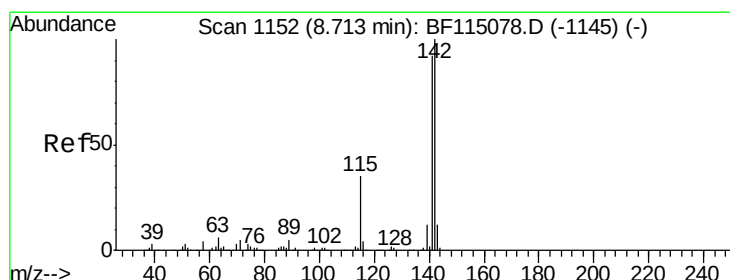
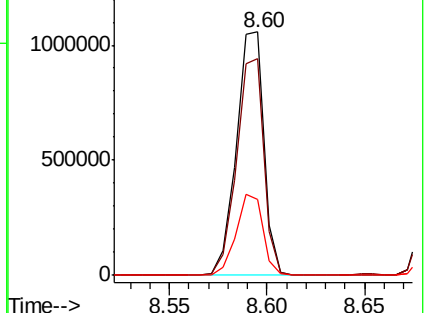
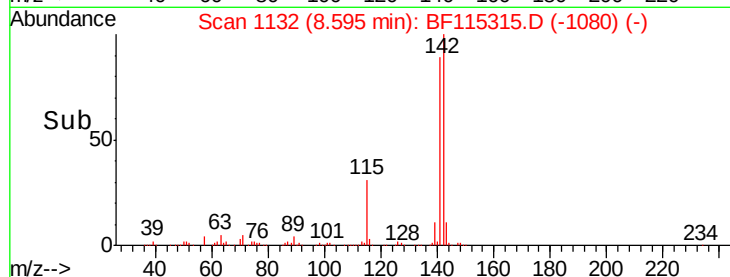
115 31.4 26.7 40.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 37.596 ng

RT: 8.69 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BF115315.D

Acq: 29 Jun 2019 11:45

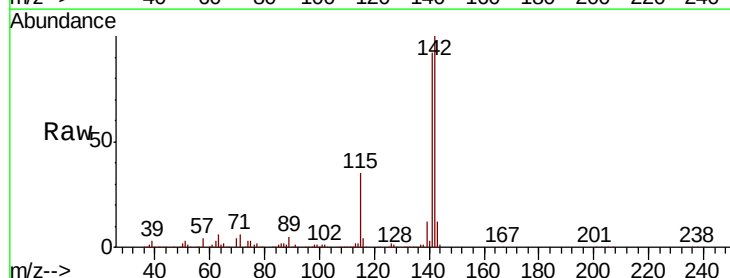
Tgt Ion:142 Resp: 976407

Ion Ratio Lower Upper

142 100

141 92.3 73.8 110.8

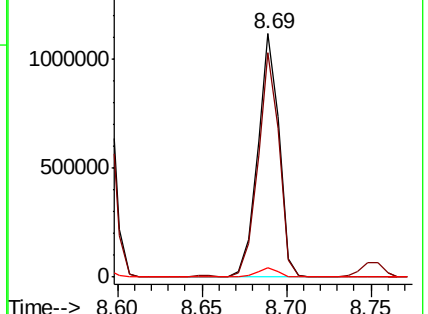
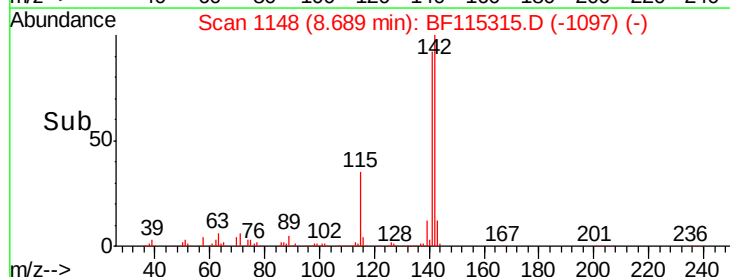
116 3.7 2.8 4.2

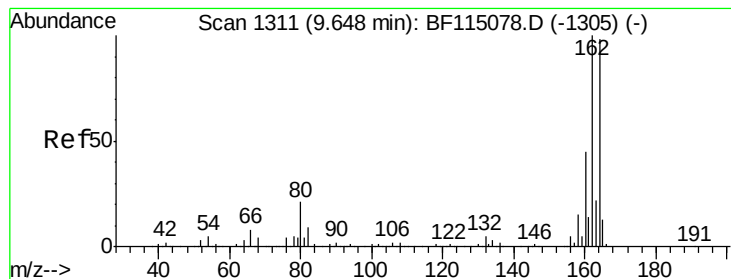


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.62 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BF115315.D

Acq: 29 Jun 2019 11:45

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14MS

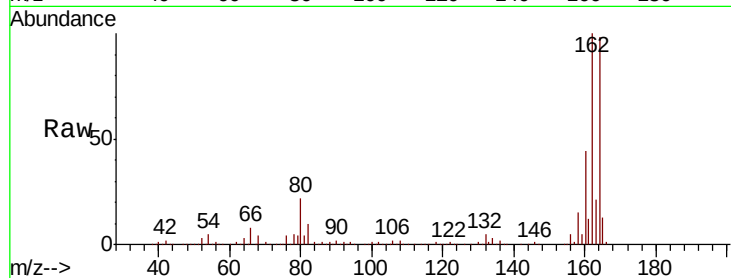
Tgt Ion:164 Resp: 413387

Ion Ratio Lower Upper

164 100

162 101.7 81.7 122.5

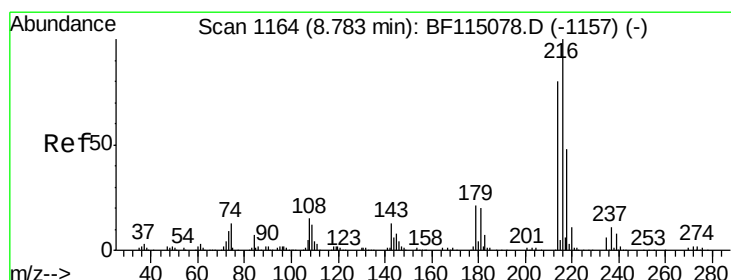
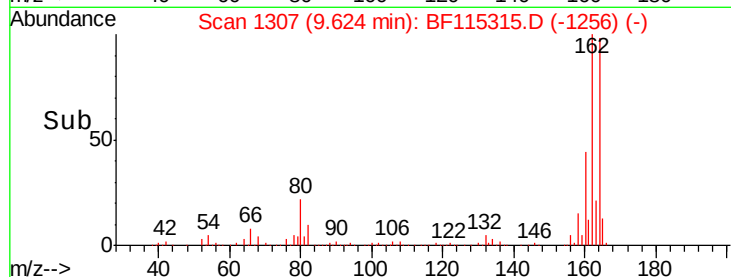
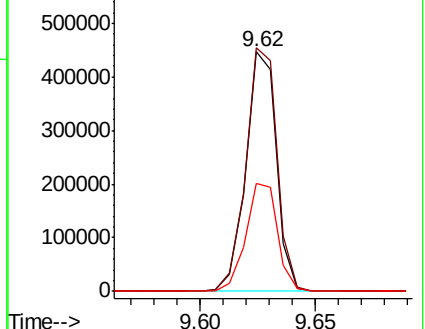
160 45.0 37.0 55.4



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: 37.276 ng

RT: 8.76 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF115315.D

Acq: 29 Jun 2019 11:45

Tgt Ion:216 Resp: 435438

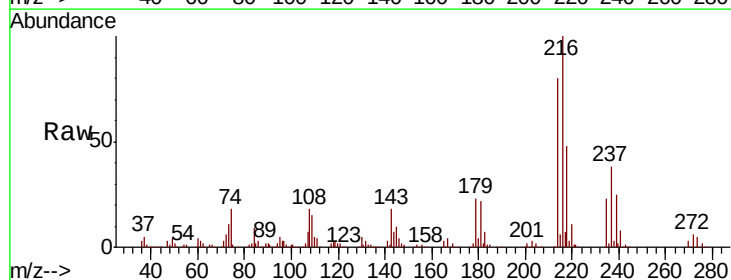
Ion Ratio Lower Upper

216 100

214 79.6 63.8 95.6

179 21.9 17.6 26.4

108 20.9 15.7 23.5

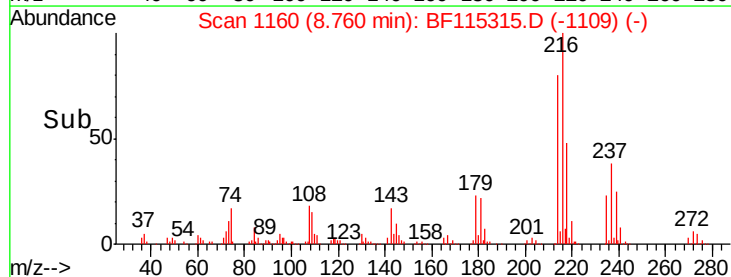
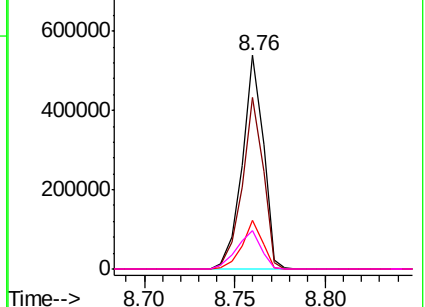


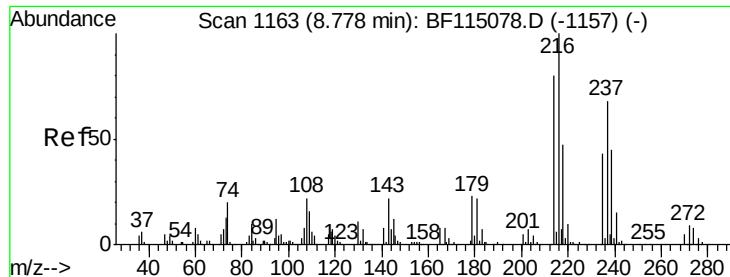
Abundance Ion 216.00 (215.70 to 216.70): E

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: 73.359 ng

RT: 8.75 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF115315.D

Acq: 29 Jun 2019 11:45

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14MS

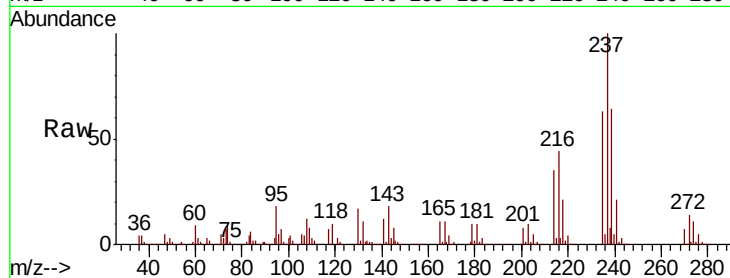
Tgt Ion: 237 Resp: 508140

Ion Ratio Lower Upper

237 100

235 63.4 43.9 83.9

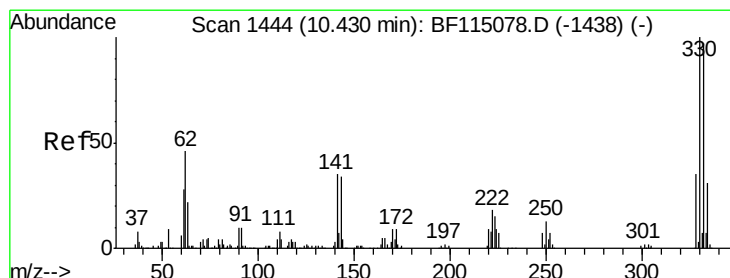
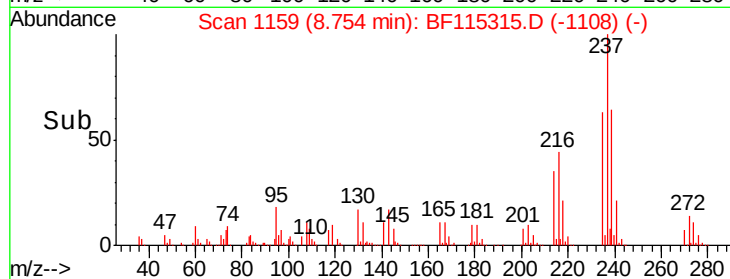
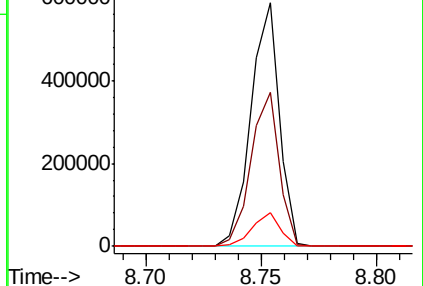
272 13.6 0.0 33.8



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: 124.071 ng

RT: 10.41 min Scan# 1441

Delta R.T. 0.01 min

Lab File: BF115315.D

Acq: 29 Jun 2019 11:45

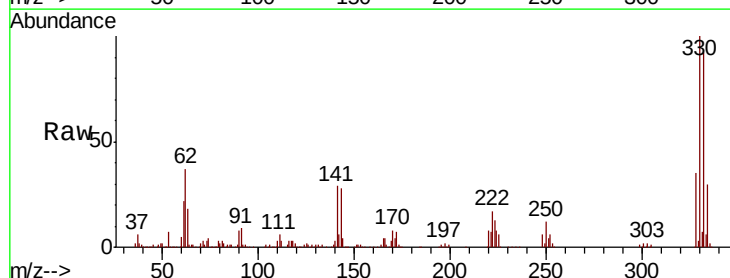
Tgt Ion: 330 Resp: 540866

Ion Ratio Lower Upper

330 100

332 94.9 77.3 115.9

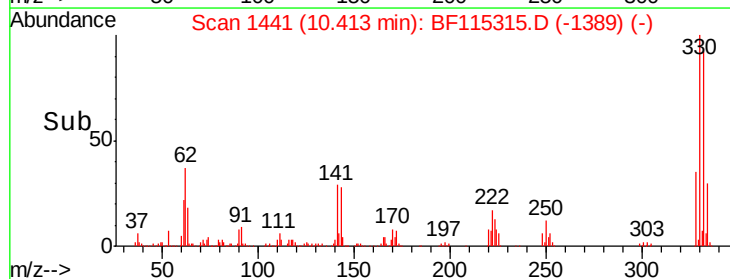
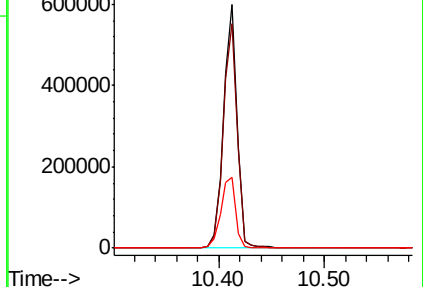
141 32.0 28.2 42.2

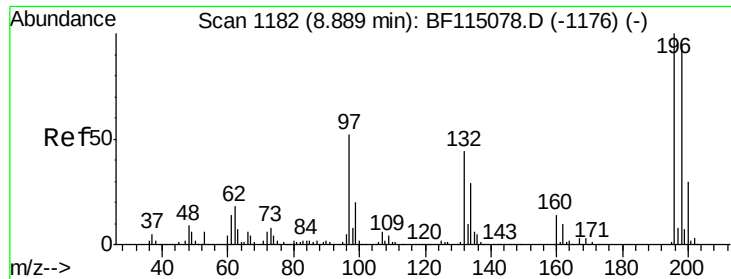


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

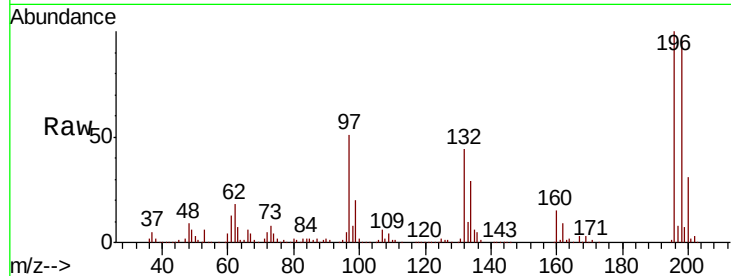




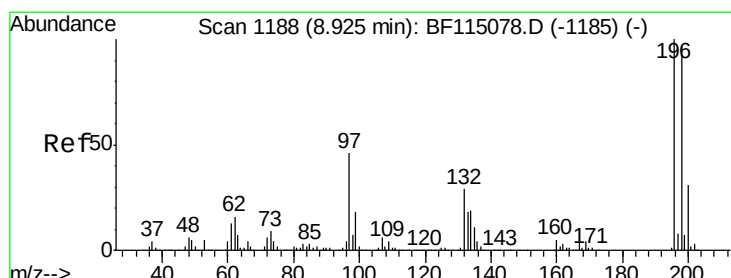
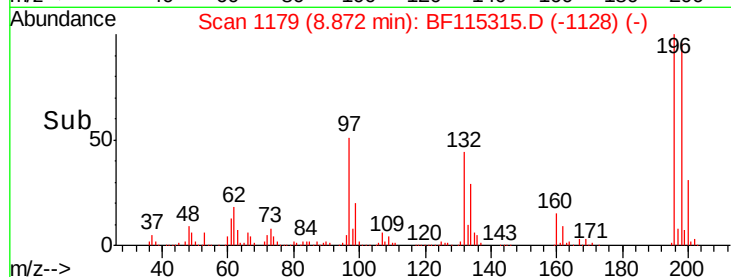
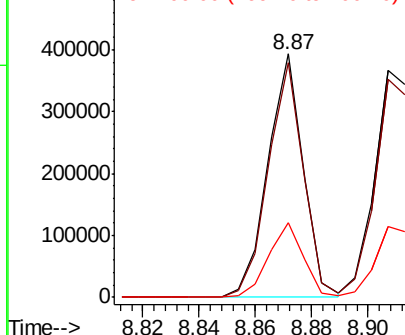
#43
 2,4,6-Trichlorophenol
 Concen: 37.760 ng
 RT: 8.87 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BF115315.D
 Acq: 29 Jun 2019 11:45

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-14MS

Tgt Ion:196 Resp: 340544
 Ion Ratio Lower Upper
 196 100
 198 96.4 76.3 114.5
 200 30.7 24.2 36.4



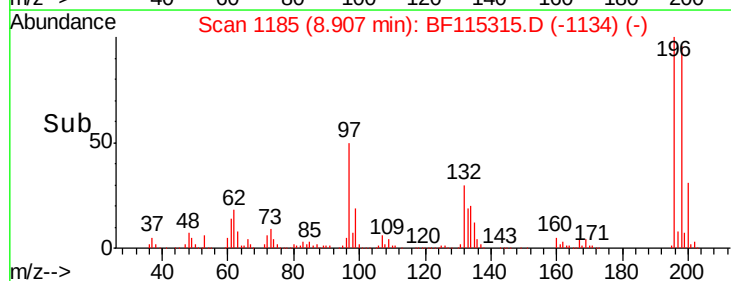
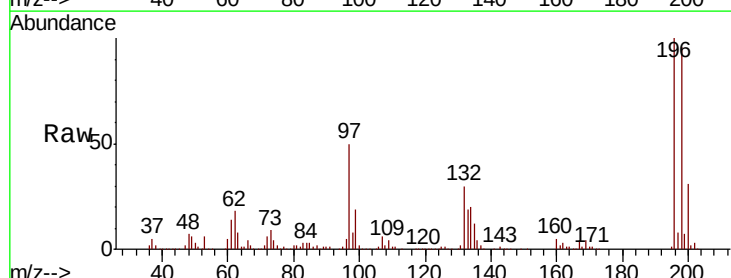
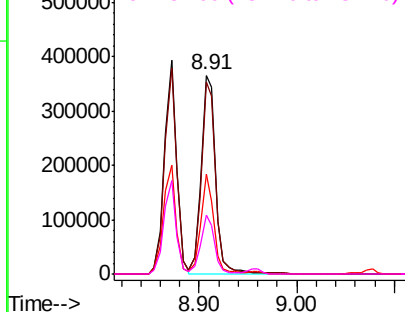
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

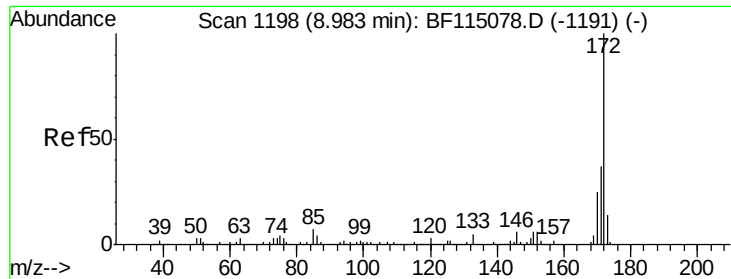


#44
 2,4,5-Trichlorophenol
 Concen: 40.079 ng
 RT: 8.91 min Scan# 1185
 Delta R.T. 0.00 min
 Lab File: BF115315.D
 Acq: 29 Jun 2019 11:45

Tgt Ion:196 Resp: 372232
 Ion Ratio Lower Upper
 196 100
 198 96.5 77.1 115.7
 97 50.1 37.7 56.5
 132 29.6 23.1 34.7

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

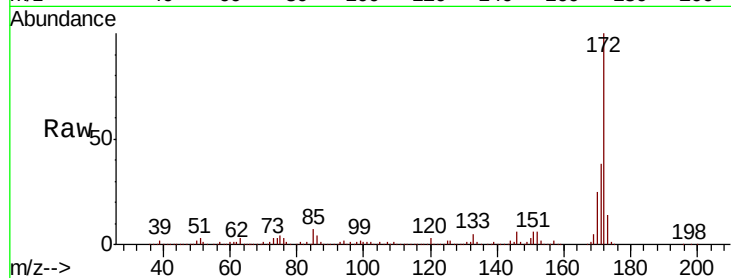




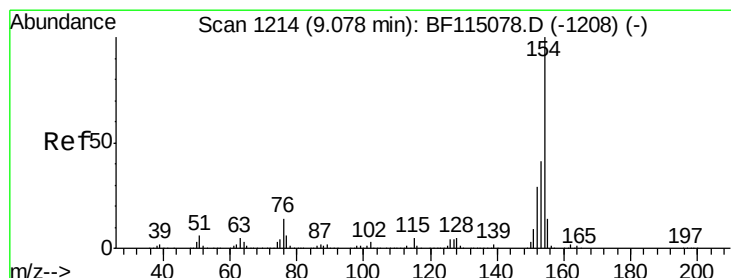
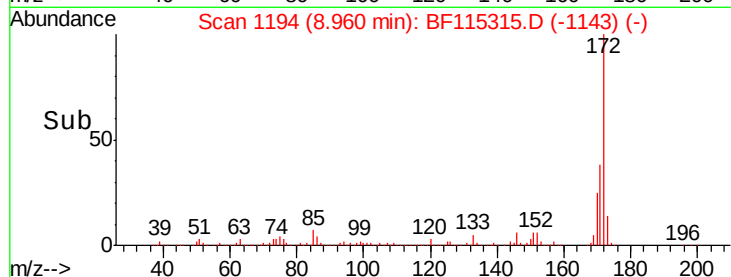
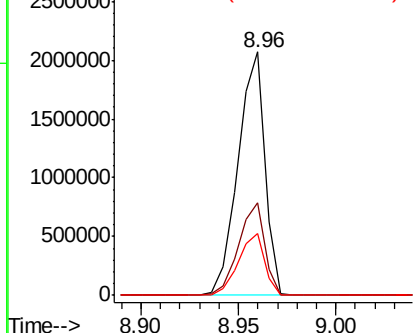
#45
 2-Fluorobiphenyl
 Concen: 81.095 ng
 RT: 8.96 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF115315.D
 Acq: 29 Jun 2019 11:45

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-14MS

Tgt Ion:172 Resp: 1973575
 Ion Ratio Lower Upper
 172 100
 171 37.9 29.8 44.6
 170 25.3 20.3 30.5

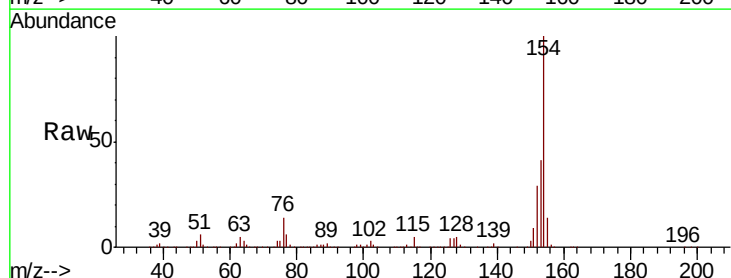


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

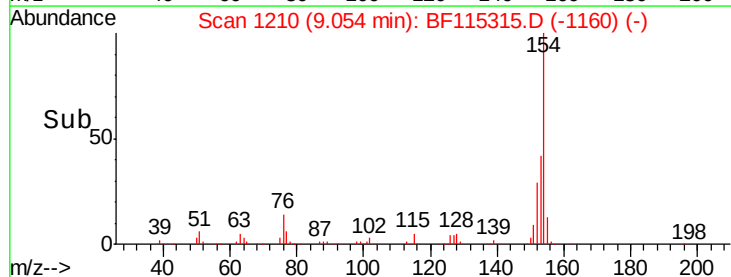
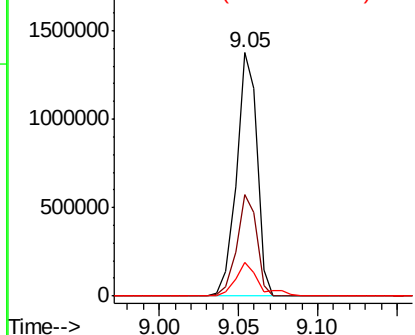


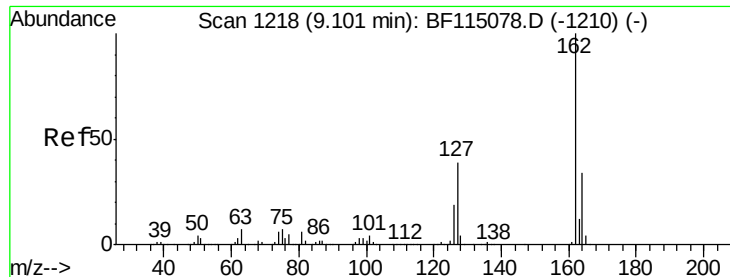
#46
 1,1'-Biphenyl
 Concen: 37.147 ng
 RT: 9.05 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF115315.D
 Acq: 29 Jun 2019 11:45

Tgt Ion:154 Resp: 1228690
 Ion Ratio Lower Upper
 154 100
 153 41.5 20.9 60.9
 76 13.9 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

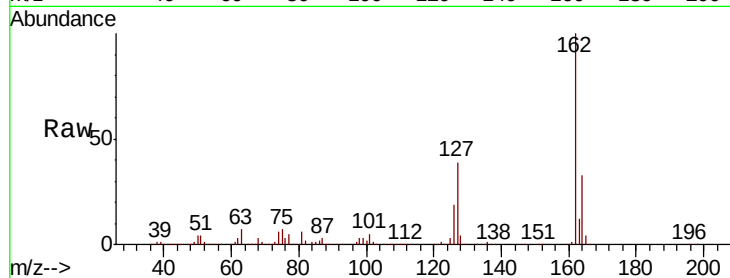




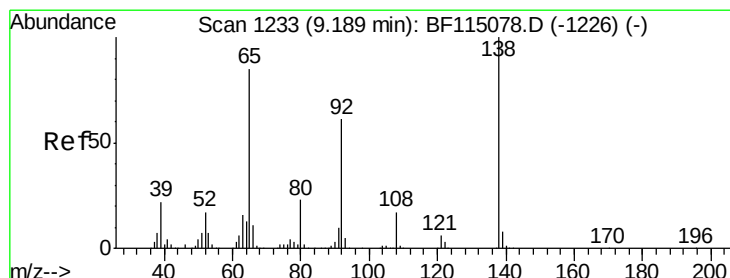
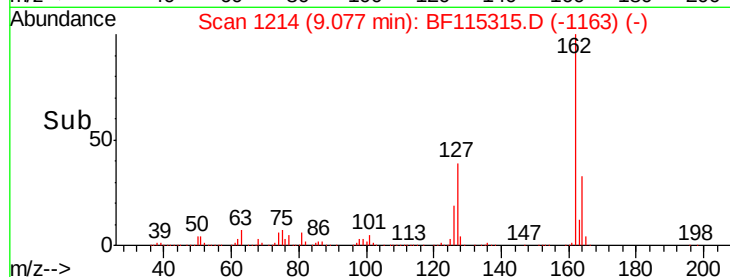
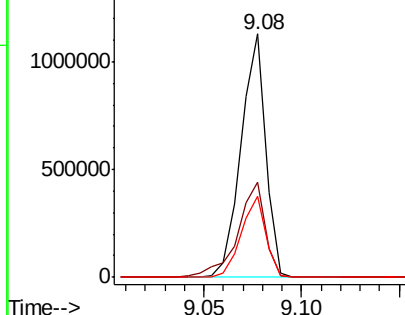
#47
 2-Chloronaphthalene
 Concen: 36.750 ng
 RT: 9.08 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF115315.D
 Acq: 29 Jun 2019 11:45

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-14MS

Tgt Ion:	162	Resp:	986029
Ion	Ratio	Lower	Upper
162	100		
127	39.1	30.8	46.2
164	33.4	27.0	40.4

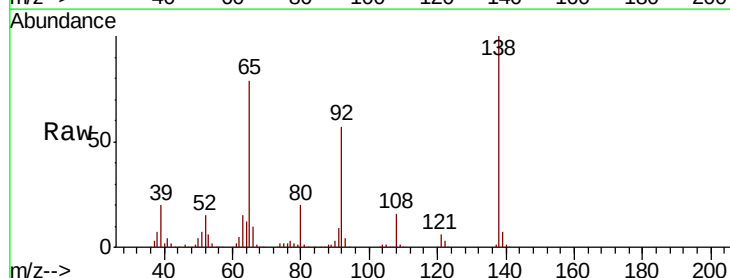


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

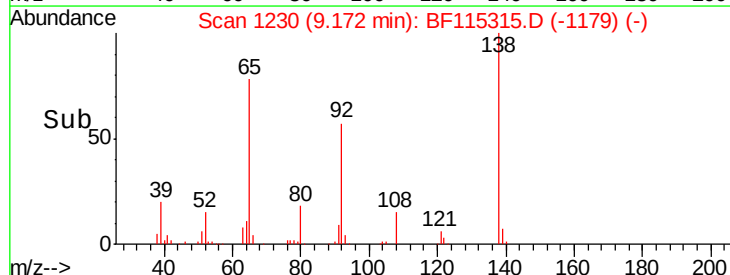
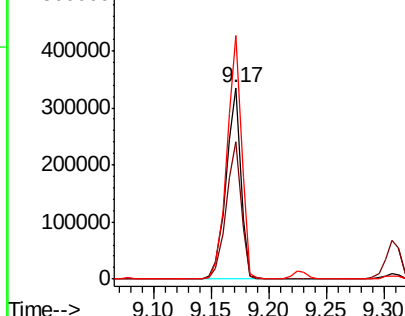


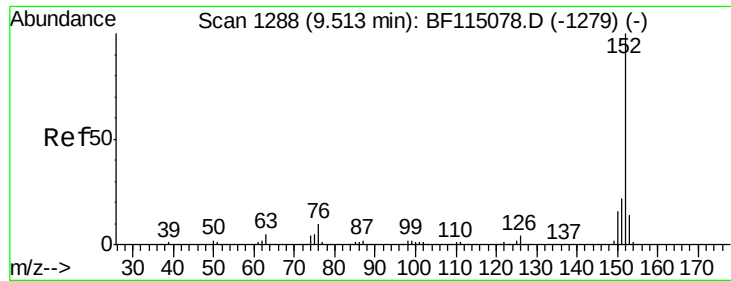
#48
 2-Nitroaniline
 Concen: 38.035 ng
 RT: 9.17 min Scan# 1230
 Delta R.T. 0.00 min
 Lab File: BF115315.D
 Acq: 29 Jun 2019 11:45

Tgt Ion:	65	Resp:	297519
Ion	Ratio	Lower	Upper
65	100		
92	72.1	57.4	86.2
138	127.2	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: 37.675 ng

RT: 9.49 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF115315.D

Acq: 29 Jun 2019 11:45

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14MS

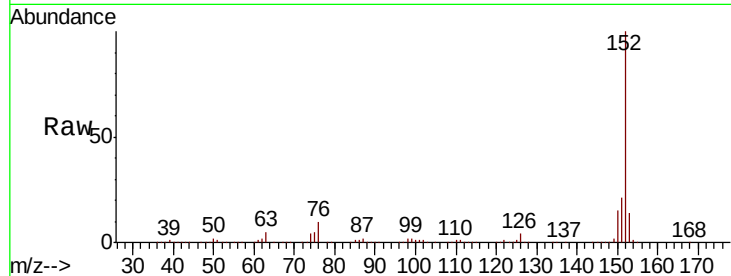
Tgt Ion:152 Resp: 1574926

Ion Ratio Lower Upper

152 100

151 21.3 17.2 25.8

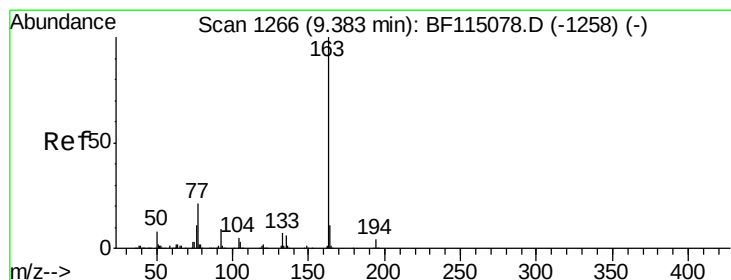
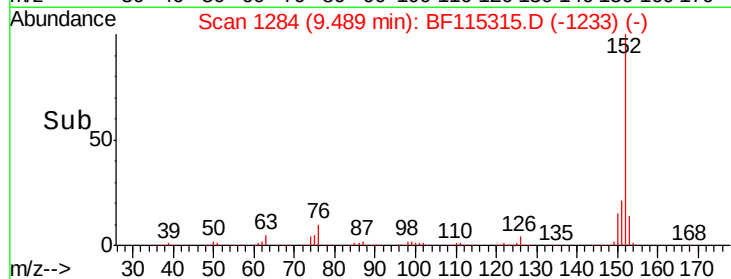
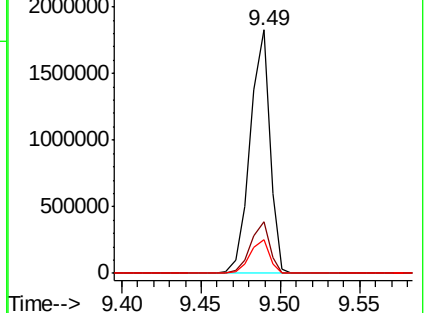
153 13.8 11.0 16.6



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: 49.120 ng

RT: 9.36 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BF115315.D

Acq: 29 Jun 2019 11:45

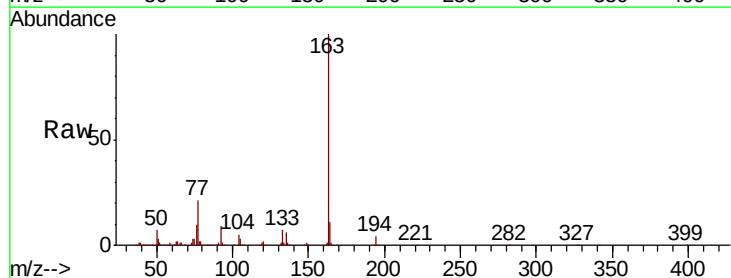
Tgt Ion:163 Resp: 1493913

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

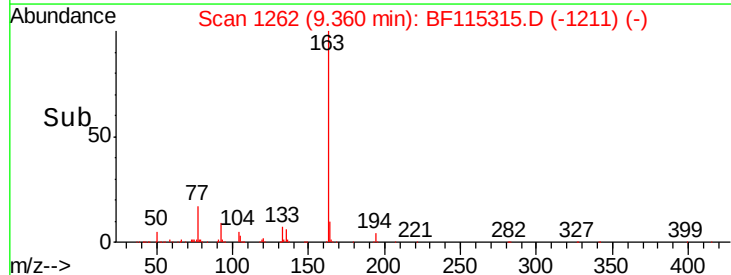
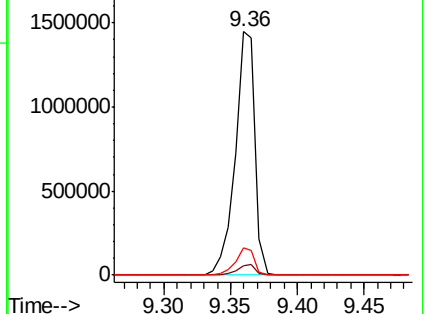
164 11.1 8.6 13.0

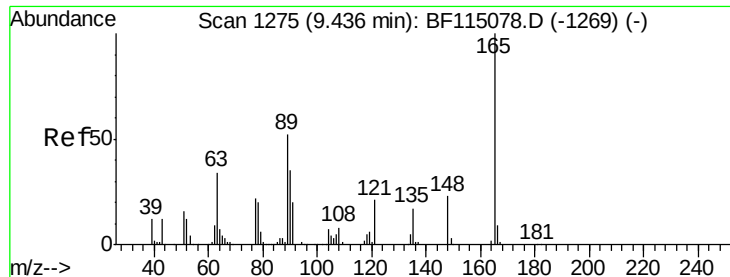


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

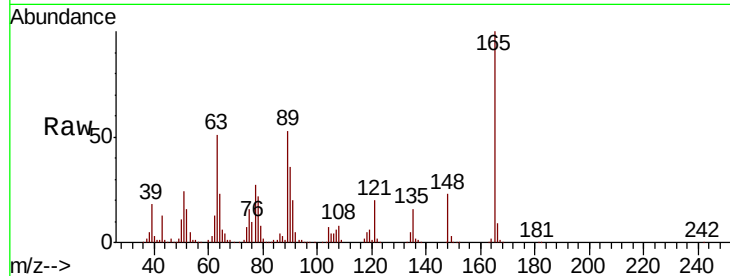




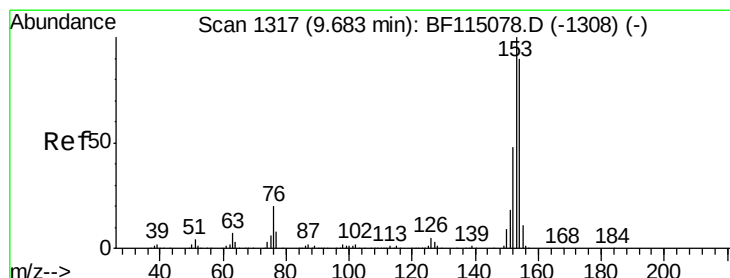
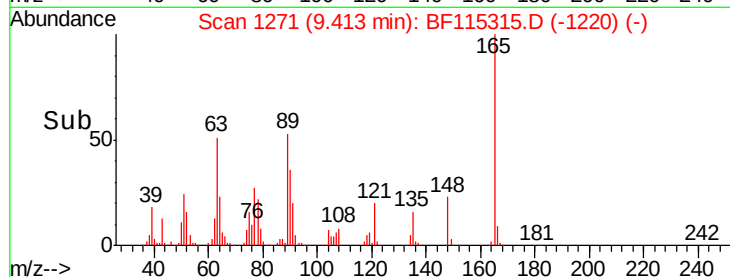
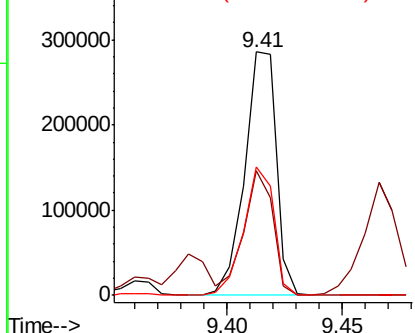
#51
 2,6-Dinitrotoluene
 Concen: 39.255 ng
 RT: 9.41 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: BF115315.D
 Acq: 29 Jun 2019 11:45

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-14MS

Tgt Ion:165 Resp: 275632
 Ion Ratio Lower Upper
 165 100
 63 50.9 39.4 59.2
 89 53.0 42.0 63.0

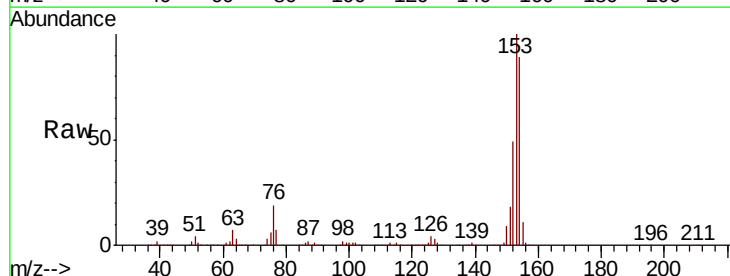


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

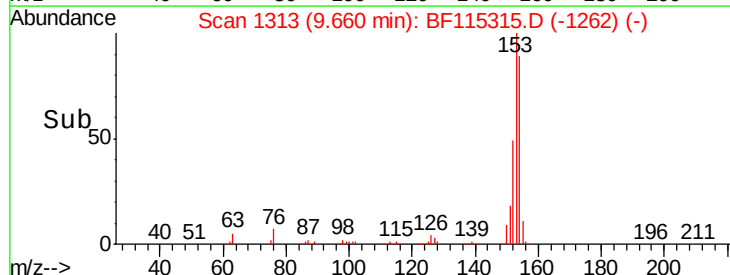
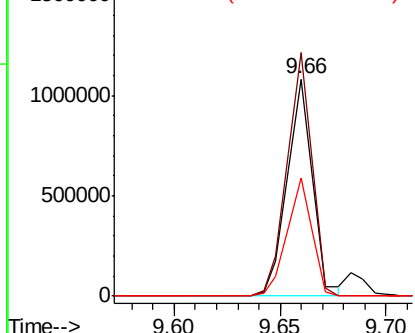


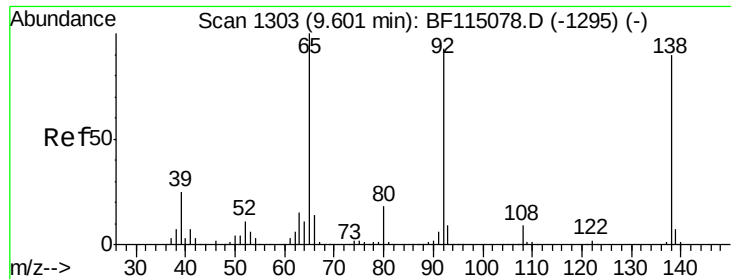
#52
 Acenaphthene
 Concen: 35.041 ng
 RT: 9.66 min Scan# 1313
 Delta R.T. 0.00 min
 Lab File: BF115315.D
 Acq: 29 Jun 2019 11:45

Tgt Ion:154 Resp: 916600
 Ion Ratio Lower Upper
 154 100
 153 112.2 88.7 133.1
 152 54.6 42.6 64.0



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

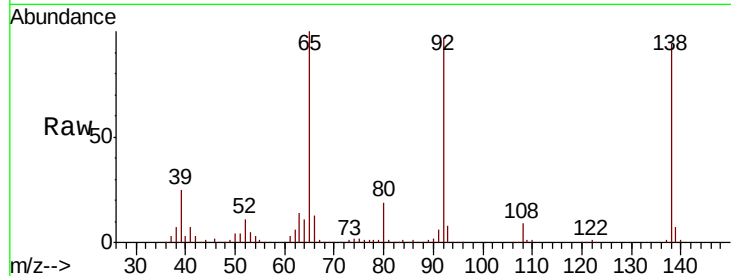




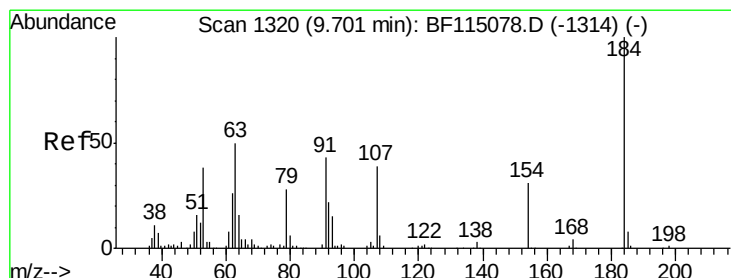
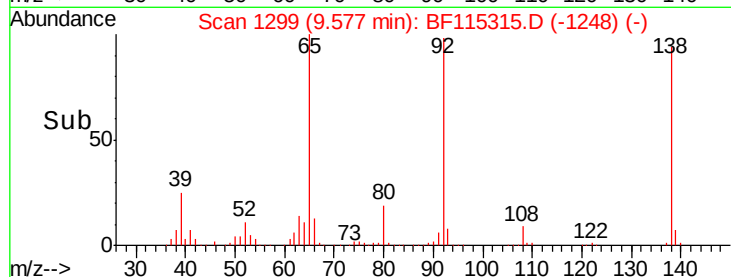
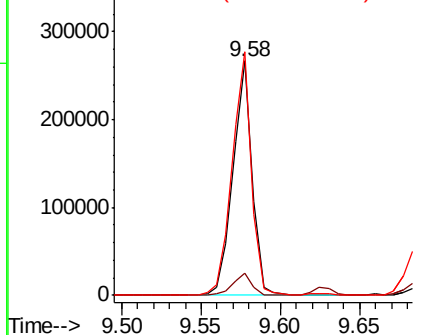
#53
 3-Nitroaniline
 Concen: 26.148 ng
 RT: 9.58 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BF115315.D
 Acq: 29 Jun 2019 11:45

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-14MS

Tgt Ion:138 Resp: 224049
 Ion Ratio Lower Upper
 138 100
 108 9.5 7.8 11.6
 92 104.0 82.9 124.3

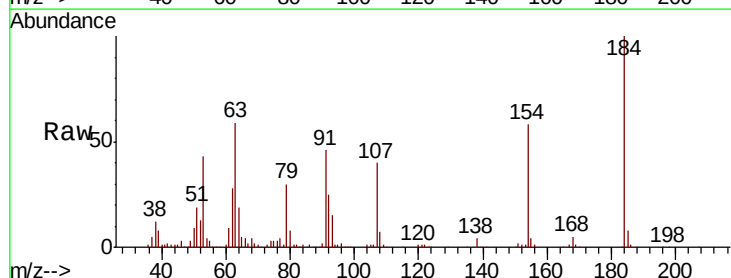


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

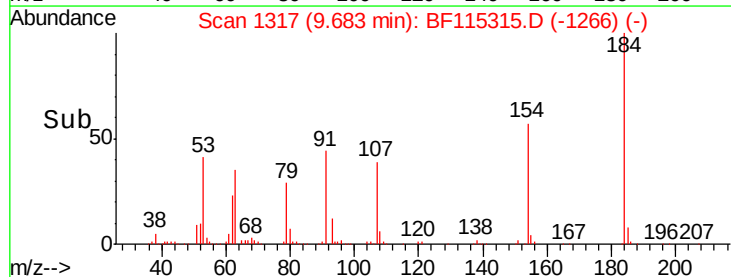
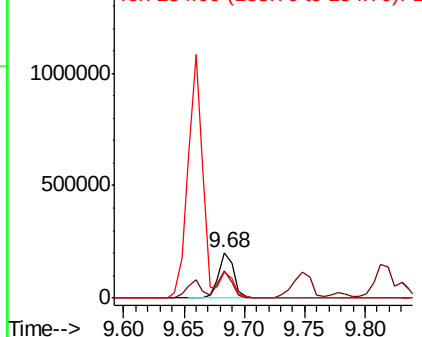


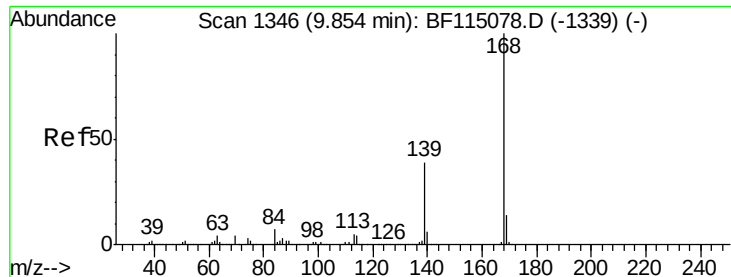
#54
 2,4-Dinitrophenol
 Concen: 51.870 ng
 RT: 9.68 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BF115315.D
 Acq: 29 Jun 2019 11:45

Tgt Ion:184 Resp: 177139
 Ion Ratio Lower Upper
 184 100
 63 59.3 41.9 62.9
 154 57.6 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

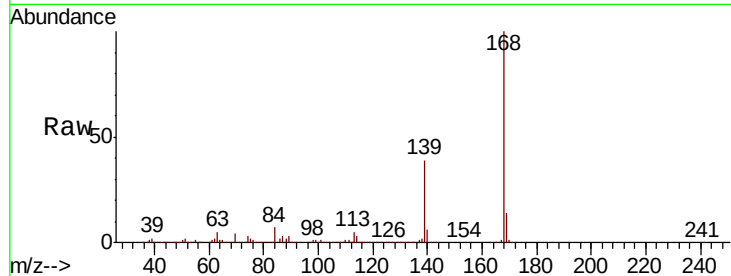




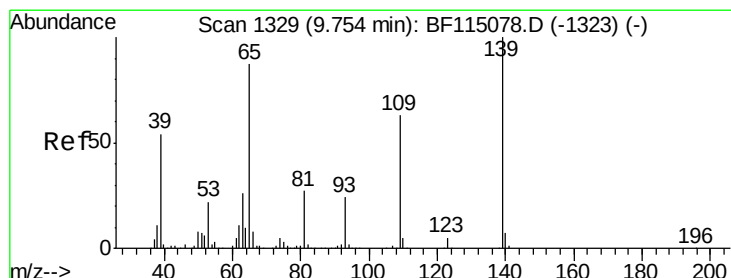
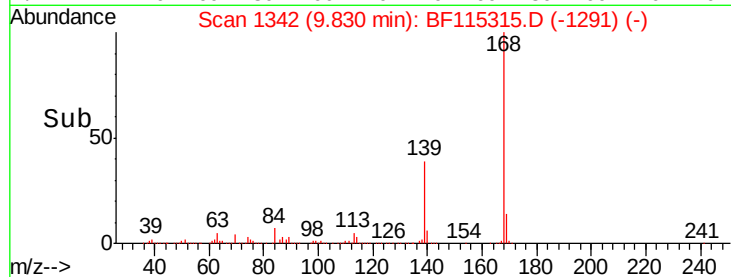
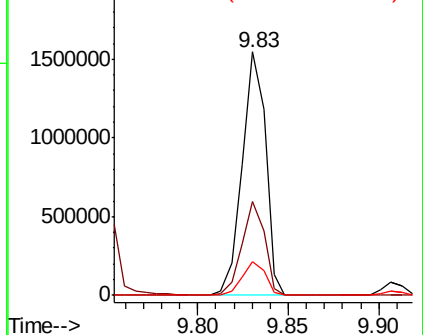
#55
Dibenzofuran
Concen: 36.958 ng
RT: 9.83 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF115315.D
Acq: 29 Jun 2019 11:45

Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MS

Tgt Ion:168 Resp: 1387534
Ion Ratio Lower Upper
168 100
139 38.8 31.1 46.7
169 14.0 11.3 16.9

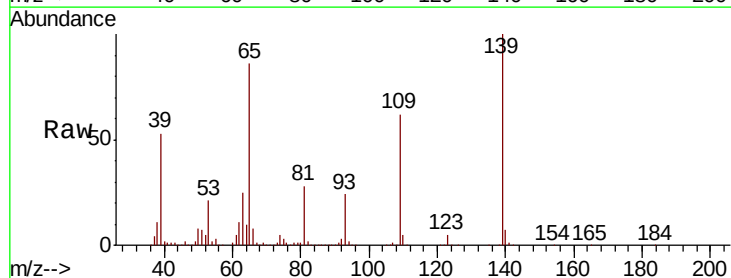


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

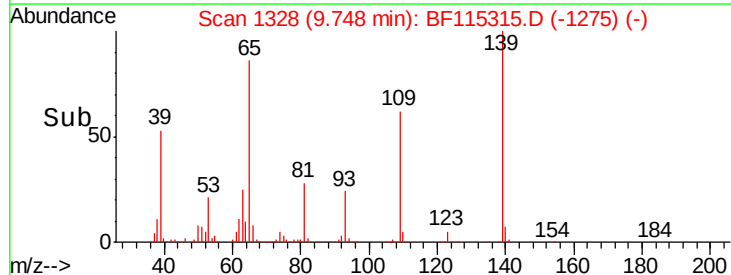
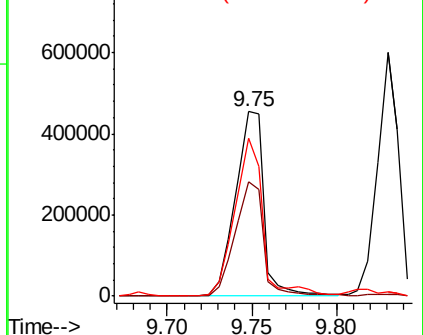


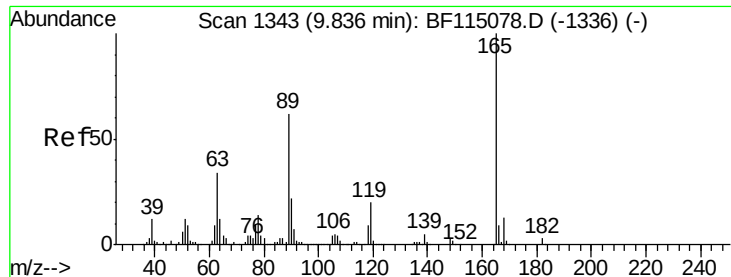
#56
4-Nitrophenol
Concen: 77.485 ng
RT: 9.75 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF115315.D
Acq: 29 Jun 2019 11:45

Tgt Ion:139 Resp: 532282
Ion Ratio Lower Upper
139 100
109 62.0 43.0 83.0
65 85.6 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

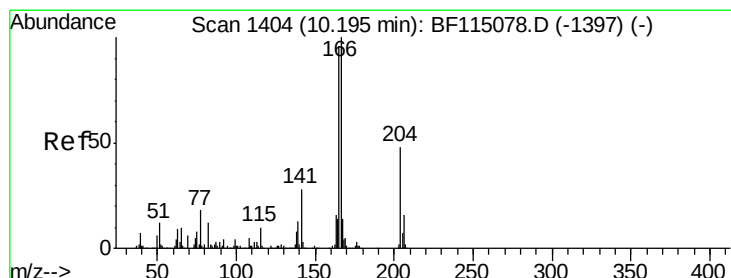
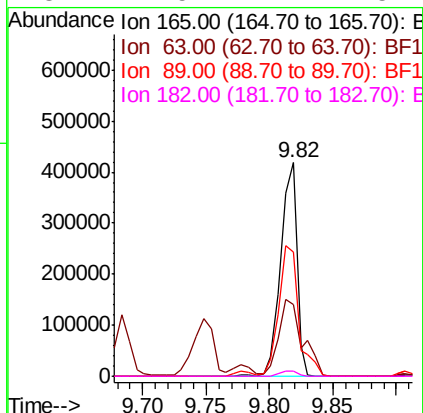
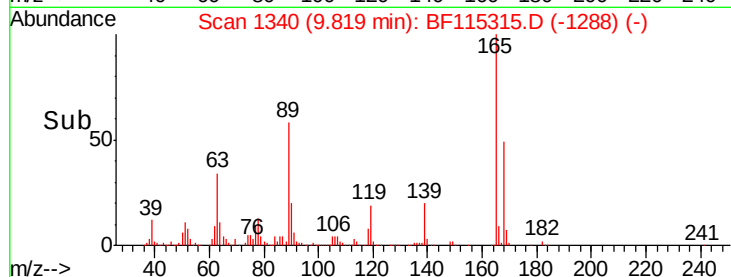
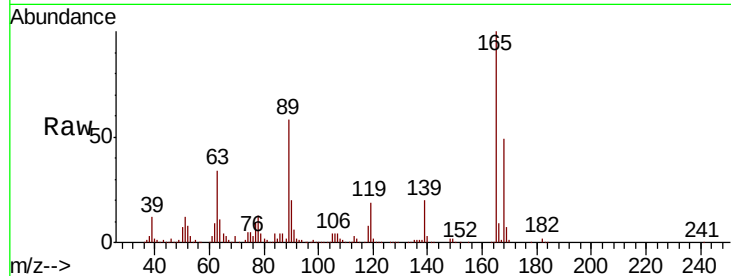




#57
2,4-Dinitrotoluene
Concen: 41.033 ng
RT: 9.82 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF115315.D
Acq: 29 Jun 2019 11:45

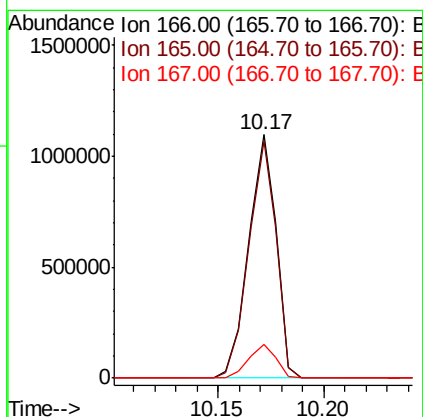
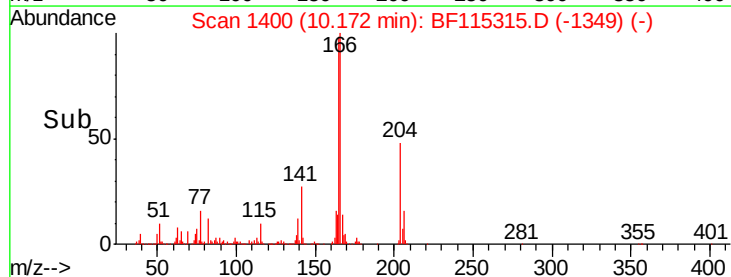
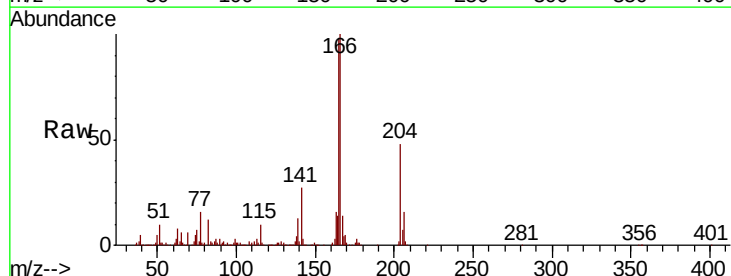
Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MS

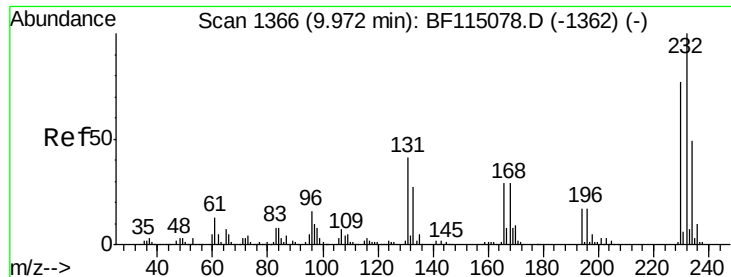
Tgt Ion:165 Resp: 372020
Ion Ratio Lower Upper
165 100
63 33.6 27.5 41.3
89 58.1 49.9 74.9
182 2.5 2.1 3.1



#58
Fluorene
Concen: 38.839 ng
RT: 10.17 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF115315.D
Acq: 29 Jun 2019 11:45

Tgt Ion:166 Resp: 993370
Ion Ratio Lower Upper
166 100
165 97.6 76.5 114.7
167 14.0 11.0 16.4

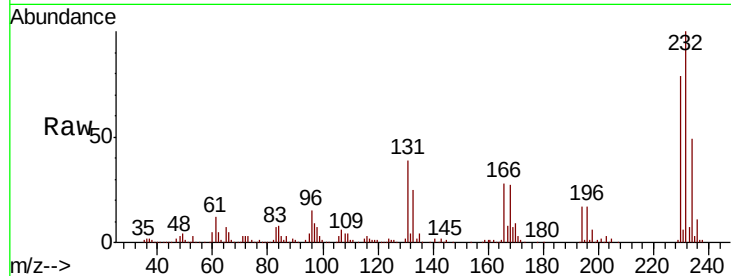




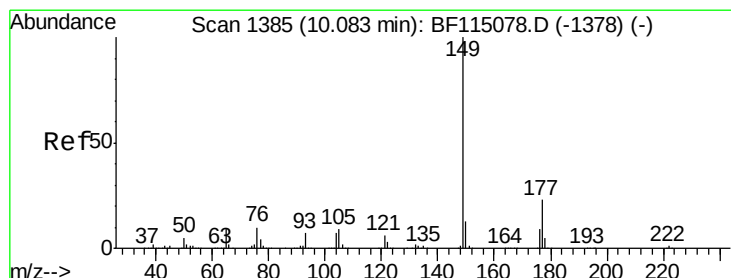
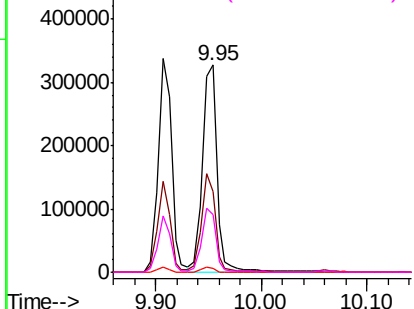
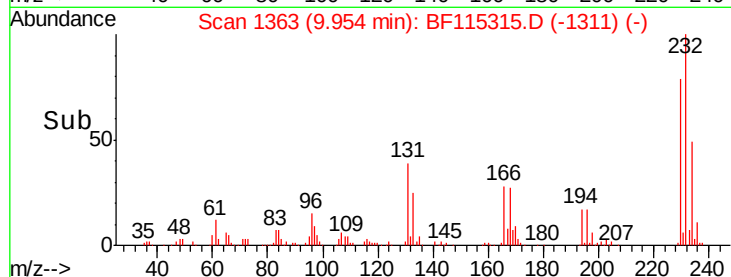
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.067 ng
 RT: 9.95 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: BF115315.D
 Acq: 29 Jun 2019 11:45

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-14MS

Tgt Ion:	232	Resp:	312030
Ion	Ratio	Lower	Upper
232	100		
131	44.9	37.4	56.0
130	2.1	1.8	2.6
166	30.0	24.6	36.8

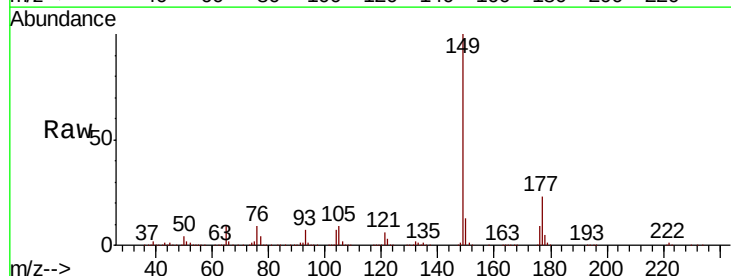


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

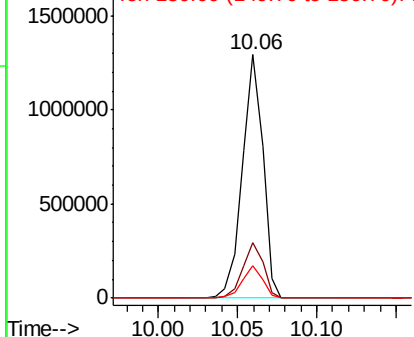
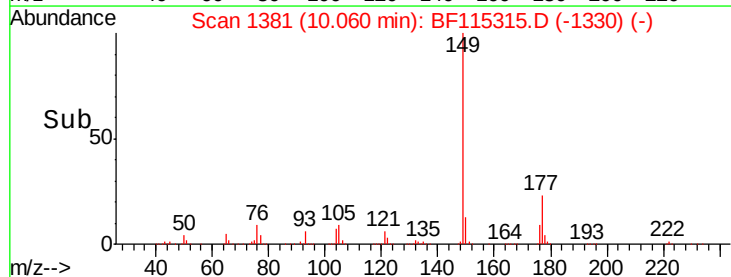


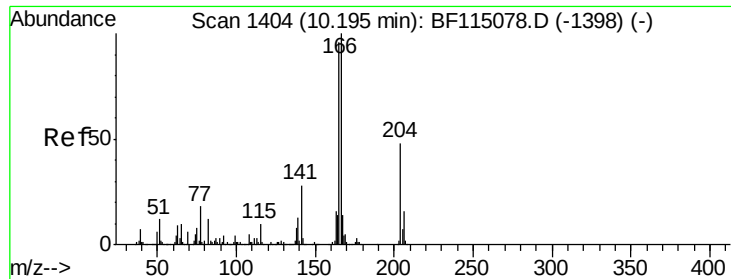
#60
 Diethylphthalate
 Concen: 37.998 ng
 RT: 10.06 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: BF115315.D
 Acq: 29 Jun 2019 11:45

Tgt Ion:	149	Resp:	1161677
Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.7	28.1
150	13.1	10.4	15.6



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

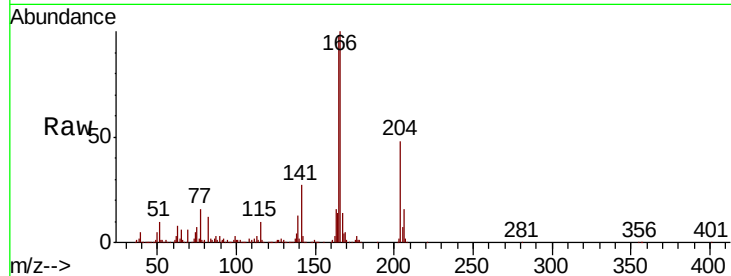




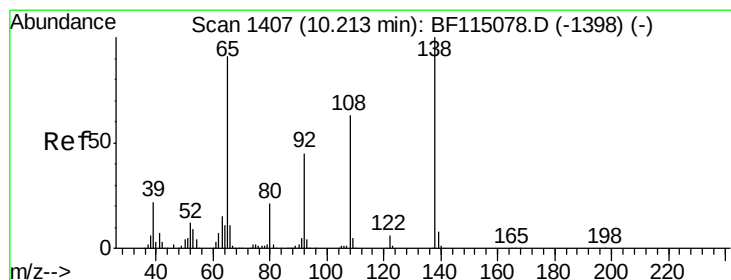
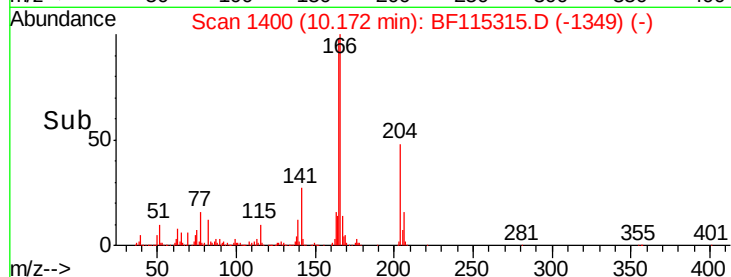
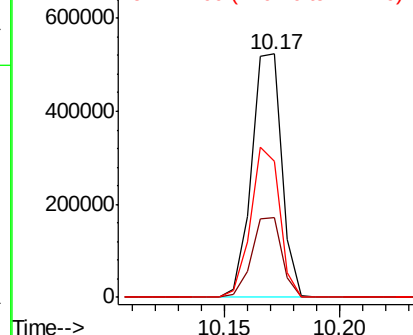
#61
4-Chlorophenyl-phenylether
Concen: 39.714 ng
RT: 10.17 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF115315.D
Acq: 29 Jun 2019 11:45

Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MS

Tgt Ion:204 Resp: 481244
Ion Ratio Lower Upper
204 100
206 33.0 26.6 40.0
141 56.0 46.7 70.1

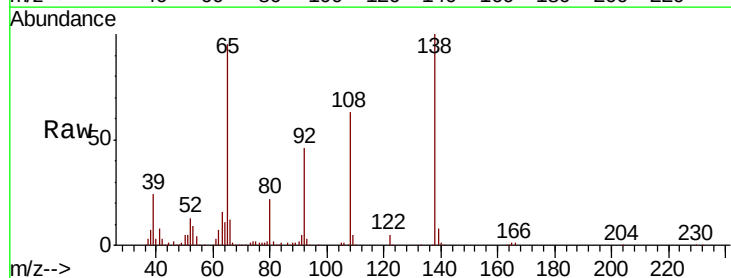


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

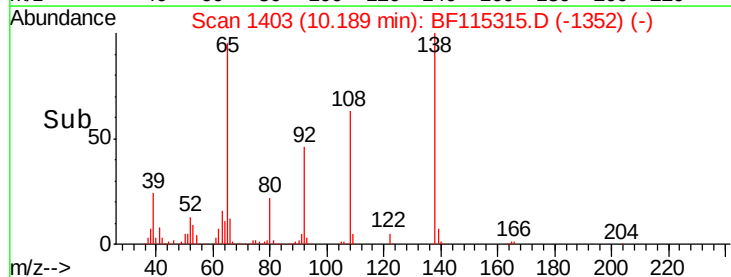
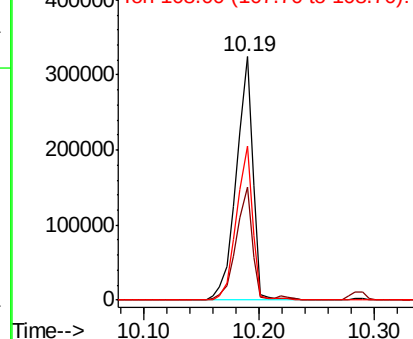


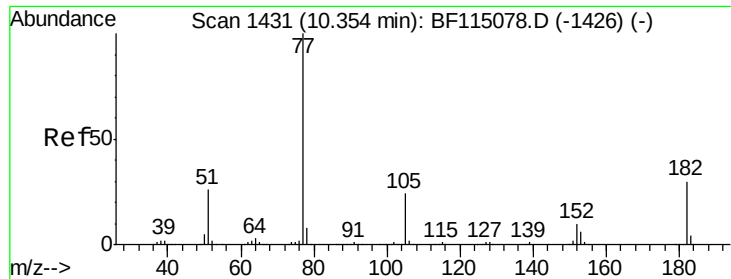
#62
4-Nitroaniline
Concen: 37.856 ng
RT: 10.19 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BF115315.D
Acq: 29 Jun 2019 11:45

Tgt Ion:138 Resp: 325410
Ion Ratio Lower Upper
138 100
92 46.2 24.8 64.8
108 63.3 43.3 83.3



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

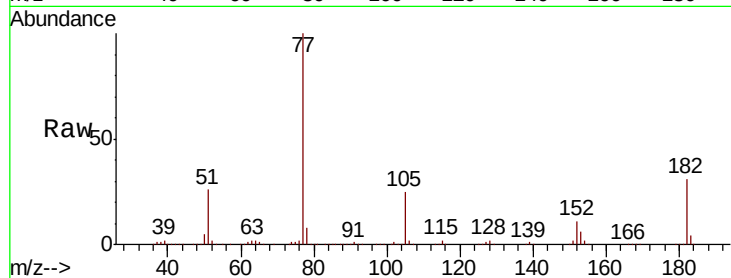




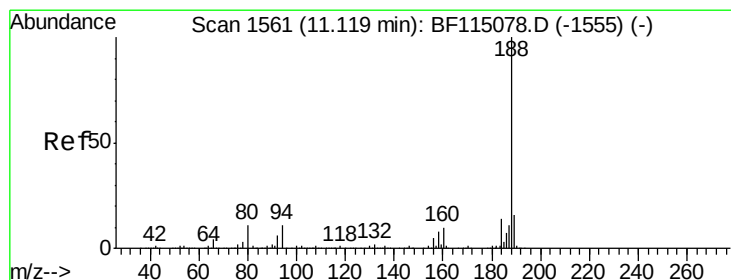
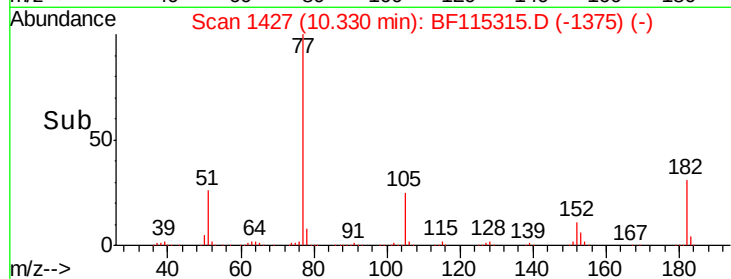
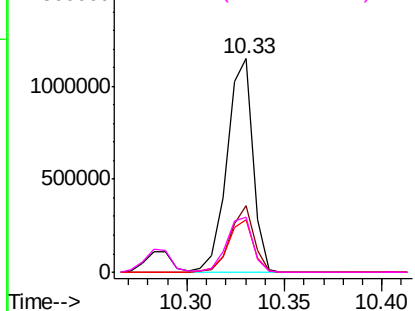
#63
Azobenzene
Concen: 36.776 ng
RT: 10.33 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF115315.D
Acq: 29 Jun 2019 11:45

Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MS

Tgt Ion: 77 Resp: 1050160
Ion Ratio Lower Upper
77 100
182 31.0 10.1 50.1
105 24.5 4.5 44.5
51 25.8 6.4 46.4

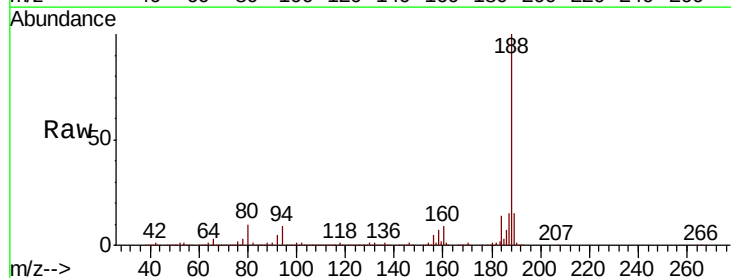


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

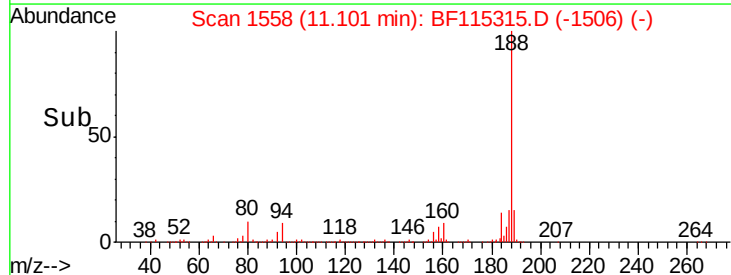
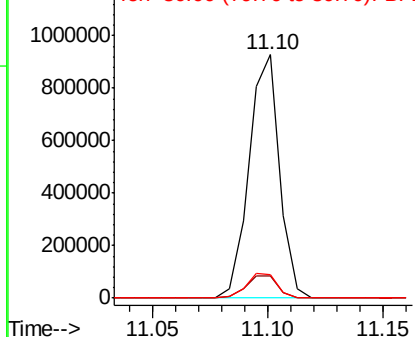


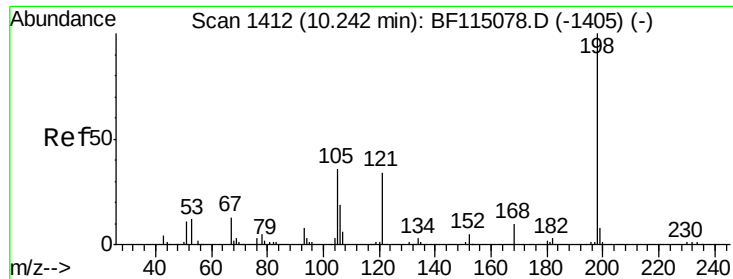
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.10 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF115315.D
Acq: 29 Jun 2019 11:45

Tgt Ion: 188 Resp: 853118
Ion Ratio Lower Upper
188 100
94 8.9 8.6 12.8
80 9.6 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: 38.161 ng

RT: 10.22 min Scan# 1409

Delta R.T. 0.01 min

Lab File: BF115315.D

Acq: 29 Jun 2019 11:45

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14MS

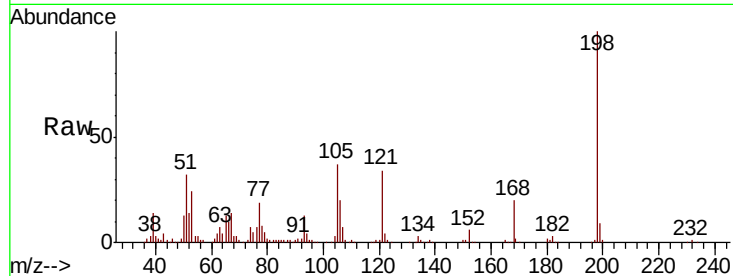
Tgt Ion:198 Resp: 168077

Ion Ratio Lower Upper

198 100

51 32.0 11.0 51.0

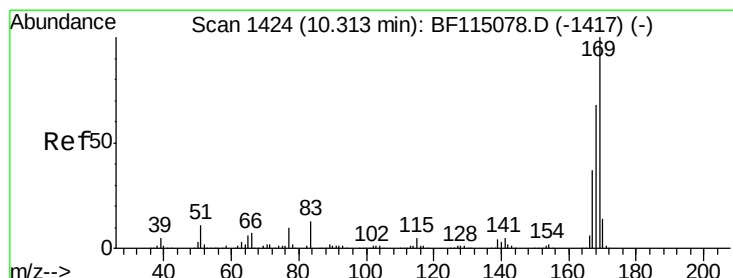
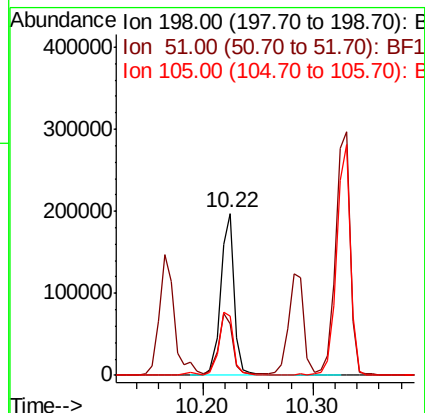
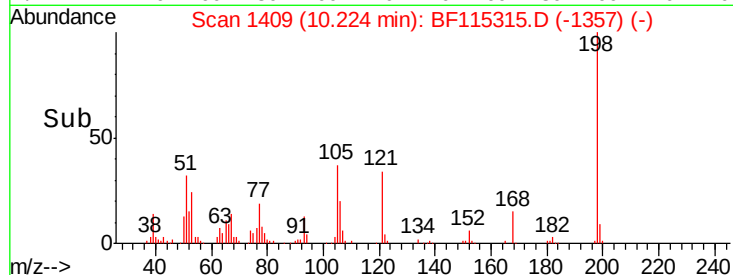
105 36.9 17.3 57.3



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: 36.558 ng

RT: 10.29 min Scan# 1420

Delta R.T. 0.01 min

Lab File: BF115315.D

Acq: 29 Jun 2019 11:45

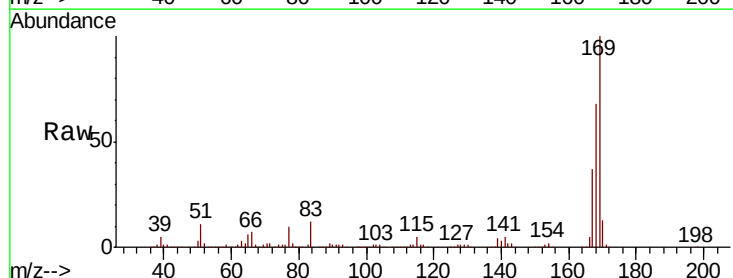
Tgt Ion:169 Resp: 971673

Ion Ratio Lower Upper

169 100

168 67.8 54.2 81.4

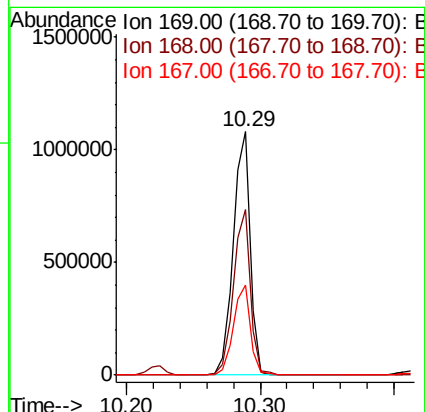
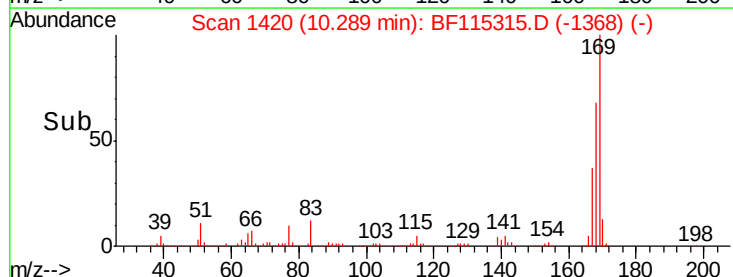
167 37.1 29.4 44.0

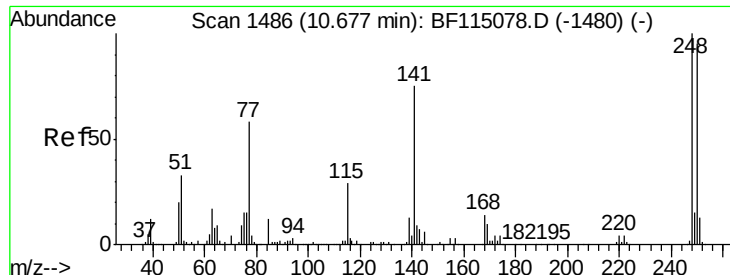


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

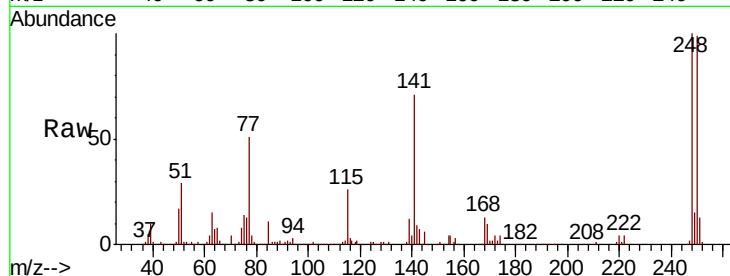




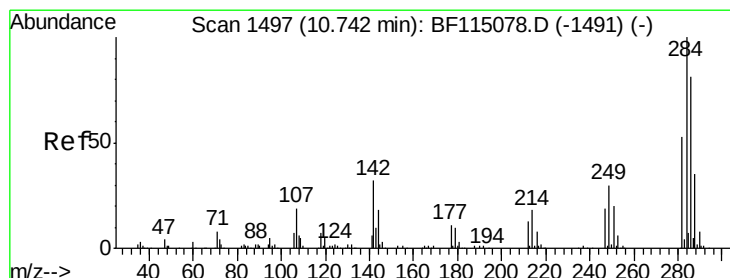
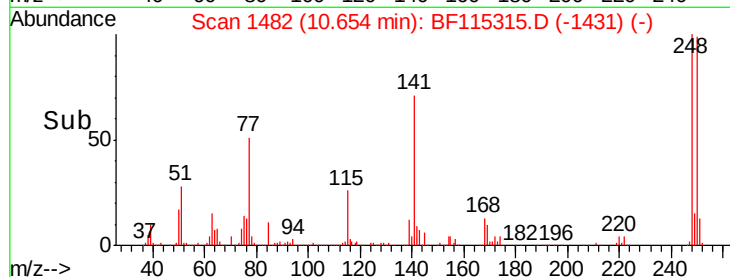
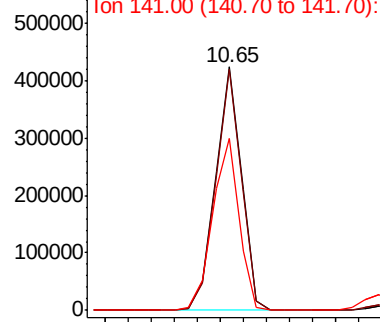
#67
 4-Bromophenyl-phenylether
 Concen: 36.069 ng
 RT: 10.65 min Scan# 1482
 Delta R.T. 0.00 min
 Lab File: BF115315.D
 Acq: 29 Jun 2019 11:45

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-14MS

Tgt Ion: 248 Resp: 333618
 Ion Ratio Lower Upper
 248 100
 250 98.8 76.2 114.2
 141 70.6 59.6 89.4

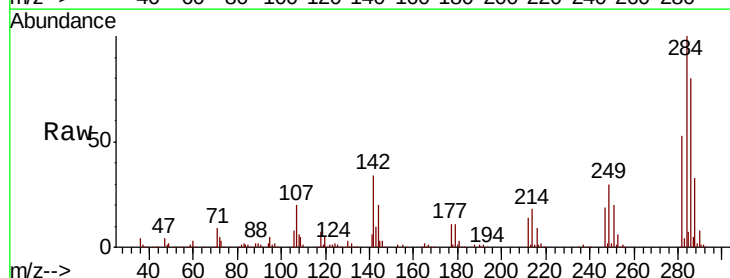


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

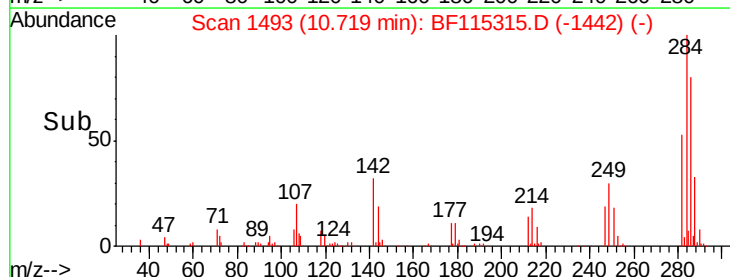
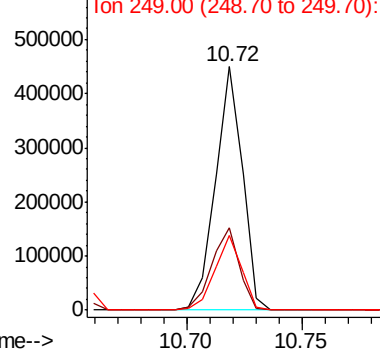


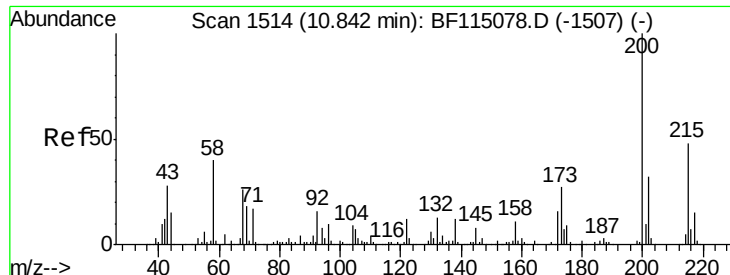
#68
 Hexachlorobenzene
 Concen: 36.667 ng
 RT: 10.72 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: BF115315.D
 Acq: 29 Jun 2019 11:45

Tgt Ion: 284 Resp: 368131
 Ion Ratio Lower Upper
 284 100
 142 33.6 25.8 38.8
 249 30.4 24.2 36.4



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

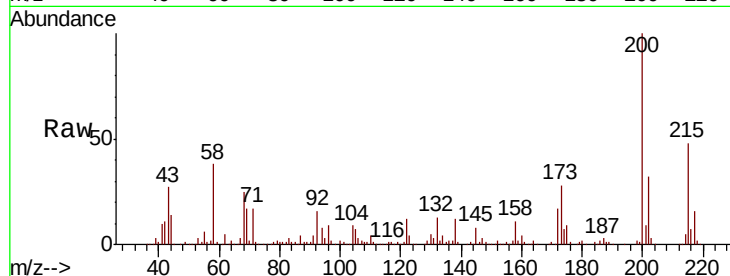




#69
 Atrazine
 Concen: 38.214 ng
 RT: 10.82 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: BF115315.D
 Acq: 29 Jun 2019 11:45

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-14MS

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.3	7.4	47.4
215	48.3	27.8	67.8

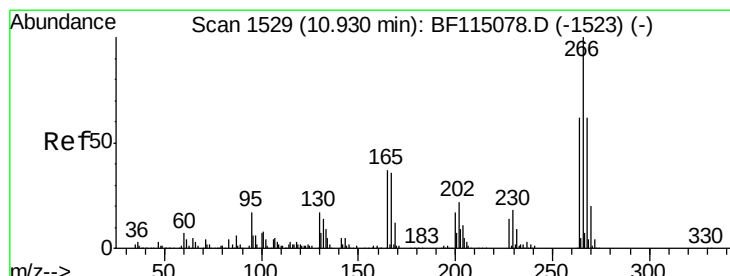
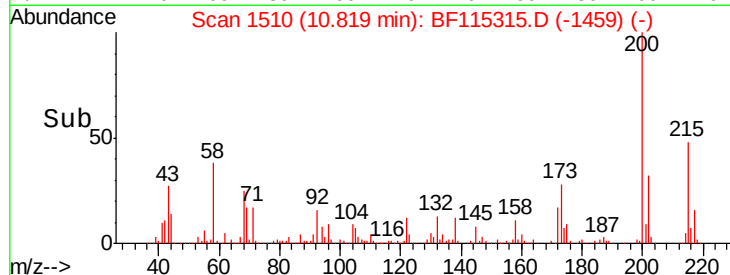
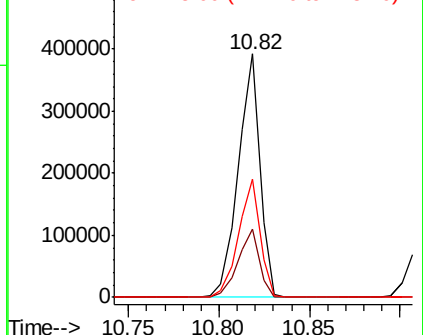


Abundance

Ion 200.00 (199.70 to 200.70): E

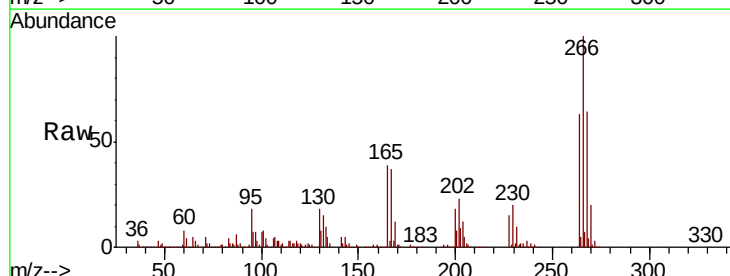
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 66.121 ng
 RT: 10.91 min Scan# 1526
 Delta R.T. 0.01 min
 Lab File: BF115315.D
 Acq: 29 Jun 2019 11:45

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	49.5	74.3
264	63.1	49.3	73.9

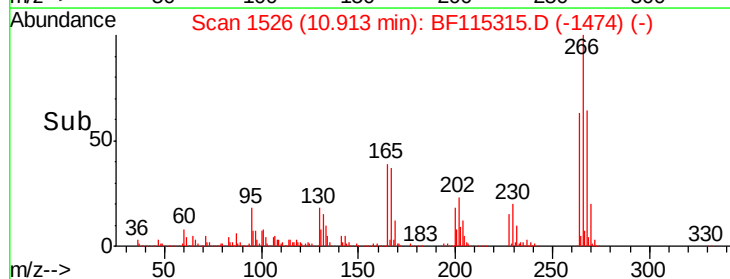
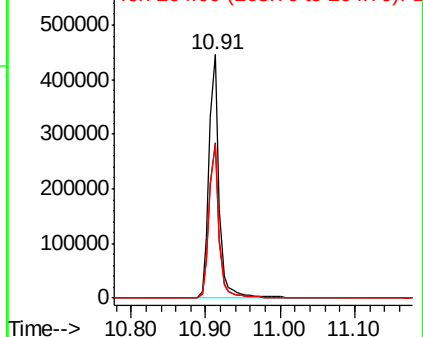


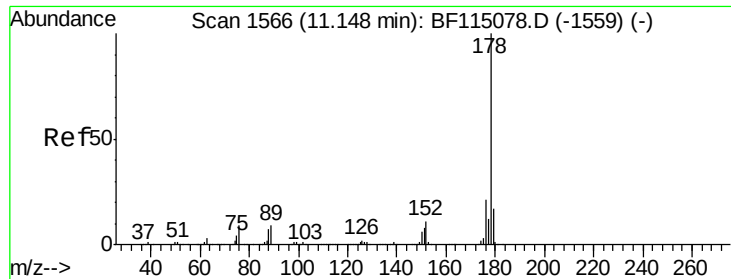
Abundance

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: 35.217 ng

RT: 11.12 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BF115315.D

Acq: 29 Jun 2019 11:45

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14MS

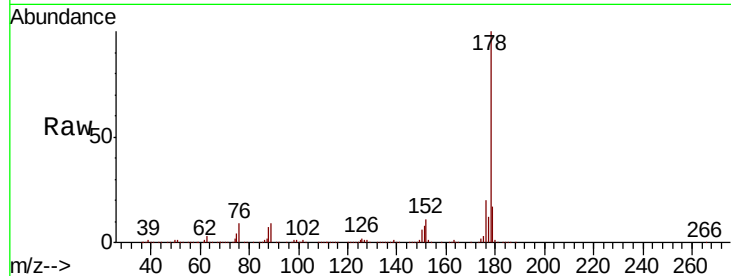
Tgt Ion:178 Resp: 1617611

Ion Ratio Lower Upper

178 100

176 20.4 16.9 25.3

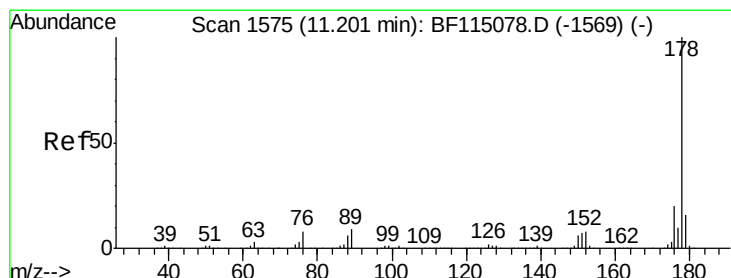
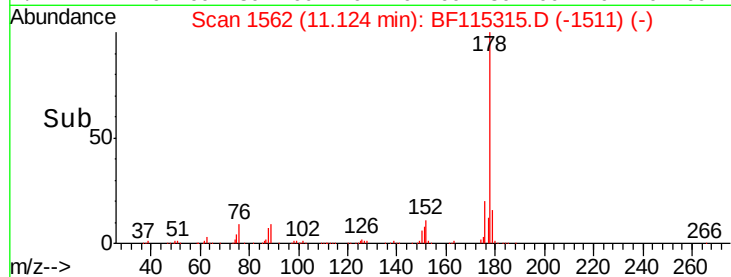
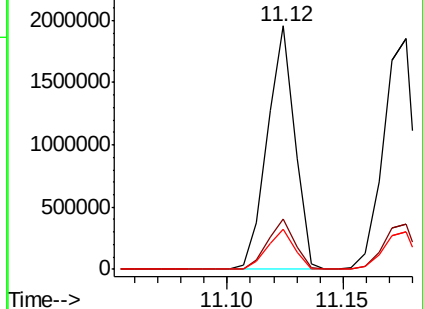
179 16.6 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 36.432 ng

RT: 11.18 min Scan# 1571

Delta R.T. 0.01 min

Lab File: BF115315.D

Acq: 29 Jun 2019 11:45

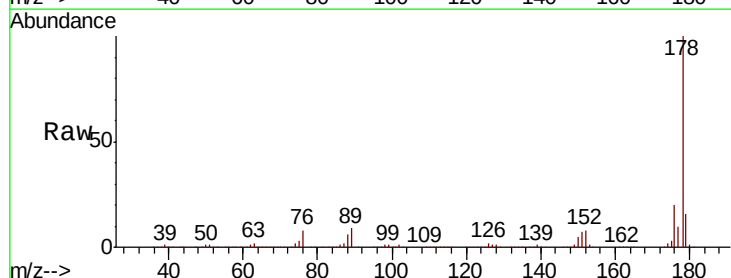
Tgt Ion:178 Resp: 1689226

Ion Ratio Lower Upper

178 100

176 19.9 16.1 24.1

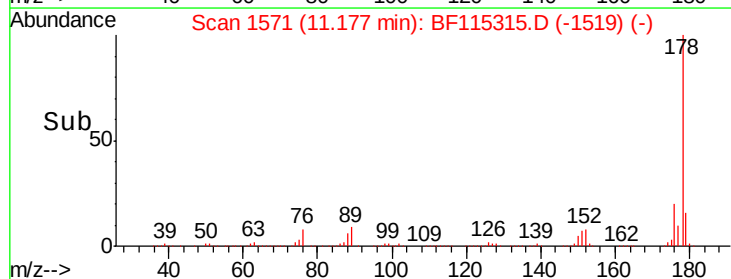
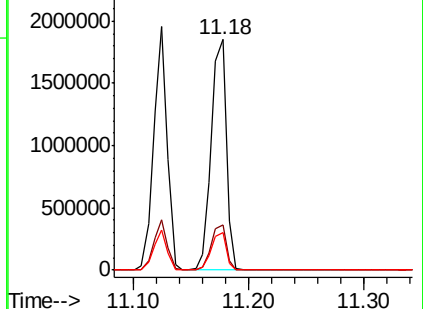
179 16.2 12.9 19.3

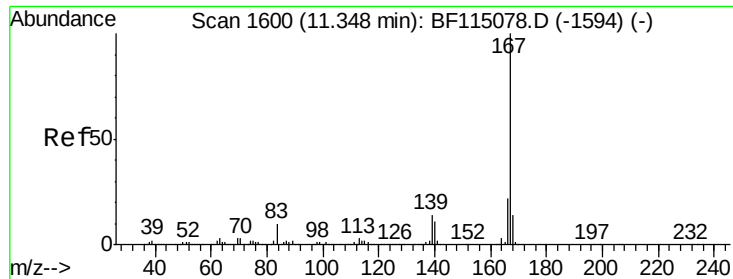


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

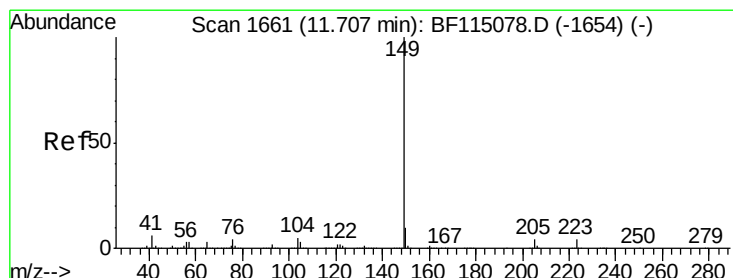
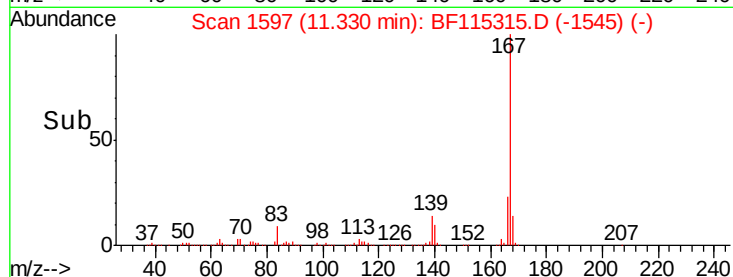
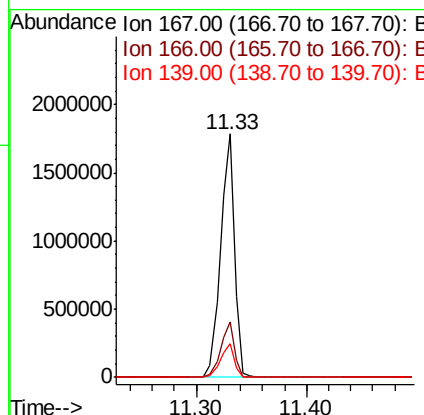
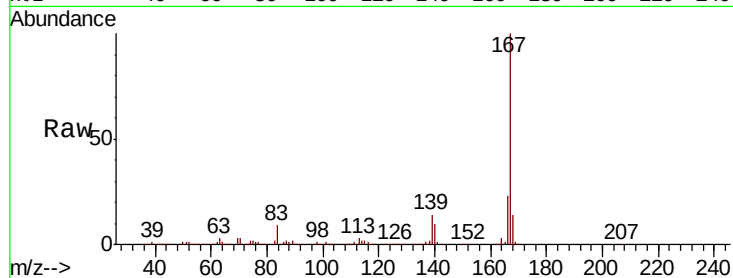




#73
 Carbazole
 Concen: 37.816 ng
 RT: 11.33 min Scan# 1597
 Delta R.T. 0.01 min
 Lab File: BF115315.D
 Acq: 29 Jun 2019 11:45

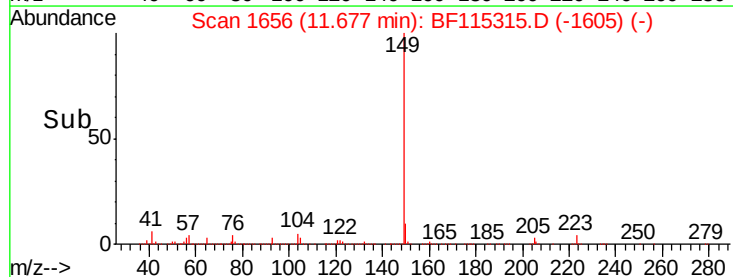
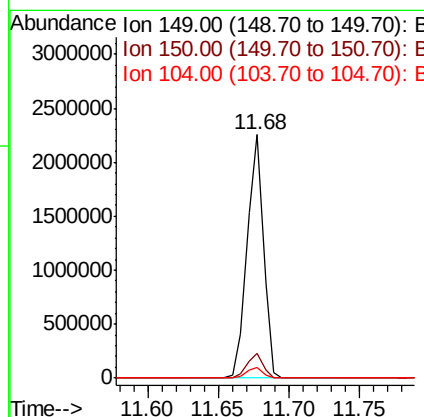
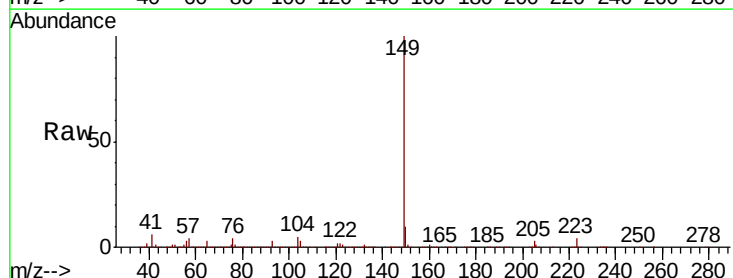
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-14MS

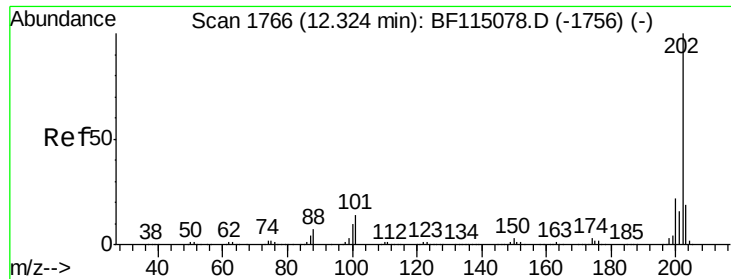
Tgt Ion:167 Resp: 1565698
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.0 27.0
 139 13.7 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 38.160 ng
 RT: 11.68 min Scan# 1656
 Delta R.T. 0.00 min
 Lab File: BF115315.D
 Acq: 29 Jun 2019 11:45

Tgt Ion:149 Resp: 1825747
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.8 11.8
 104 4.6 3.7 5.5



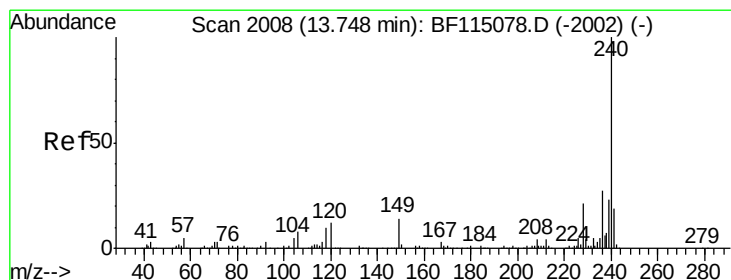
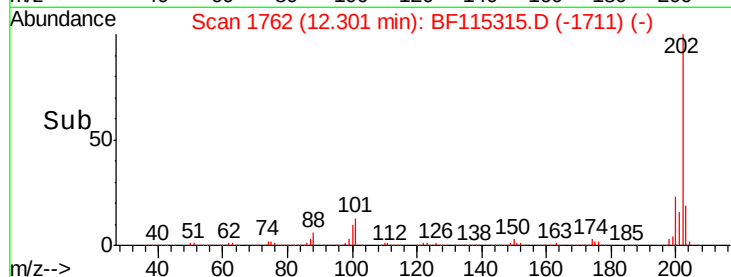
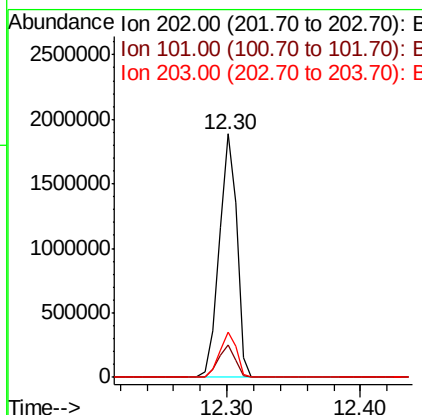
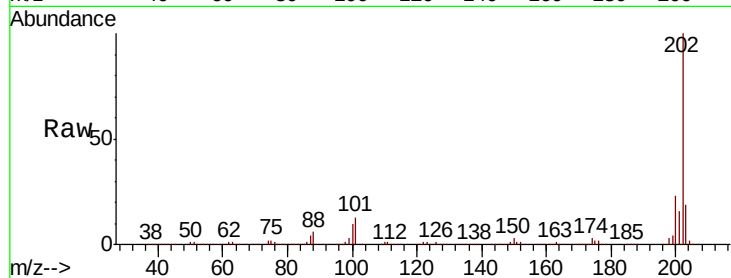


#75
 Fluoranthene
 Concen: 38.269 ng
 RT: 12.30 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: BF115315.D
 Acq: 29 Jun 2019 11:45

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-14MS

Tgt Ion: 202 Resp: 1753844

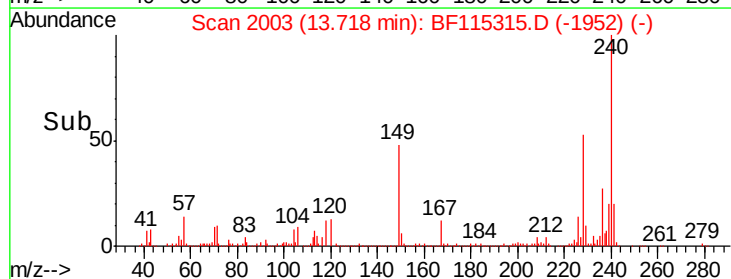
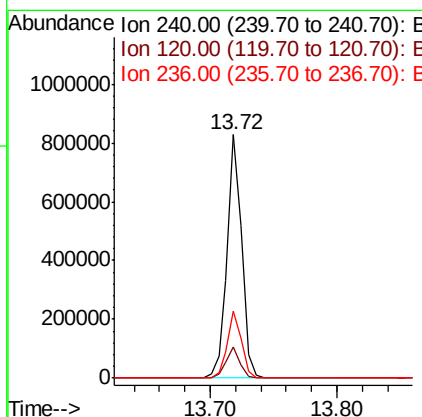
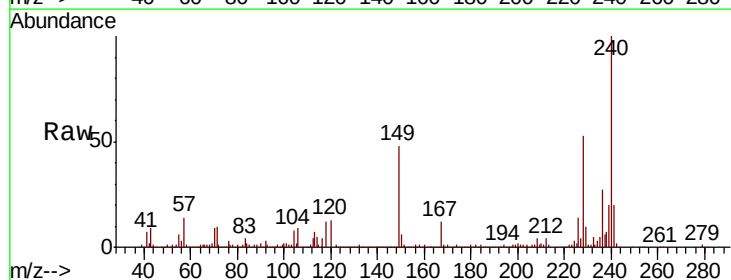
Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	34.0
203	18.8	0.0	38.8

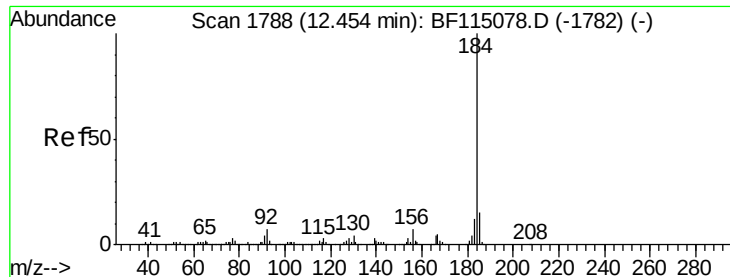


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.72 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: BF115315.D
 Acq: 29 Jun 2019 11:45

Tgt Ion: 240 Resp: 658764

Ion	Ratio	Lower	Upper
240	100		
120	12.9	9.4	14.2
236	27.5	21.7	32.5





#77

Benzidine

Concen: 10.520 ng

RT: 12.42 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF115315.D

Acq: 29 Jun 2019 11:45

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14MS

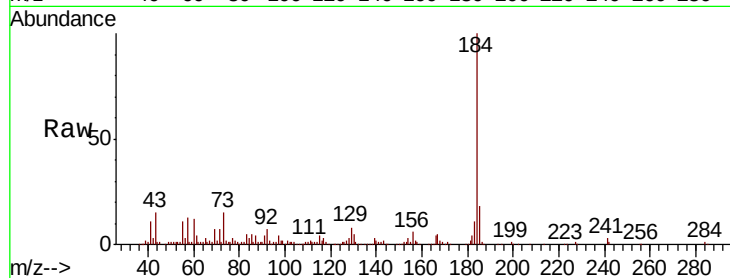
Tgt Ion:184 Resp: 307738

Ion Ratio Lower Upper

184 100

185 17.7 12.2 18.2

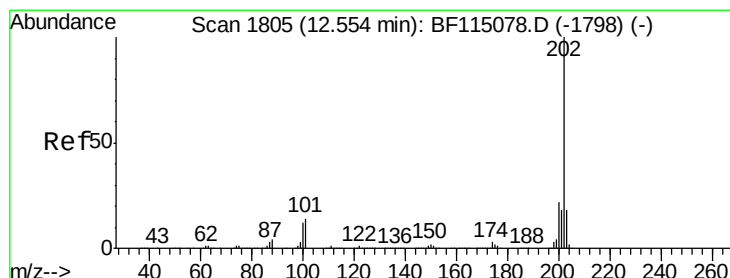
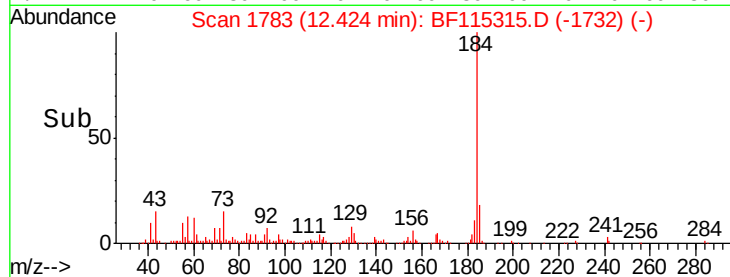
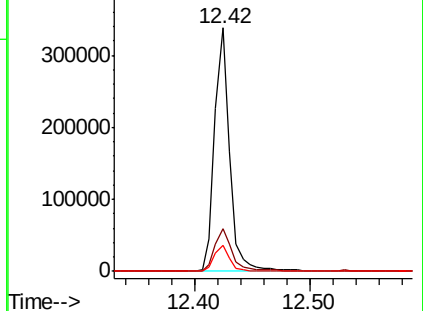
183 10.9 9.6 14.4



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: 35.657 ng

RT: 12.52 min Scan# 1800

Delta R.T. 0.00 min

Lab File: BF115315.D

Acq: 29 Jun 2019 11:45

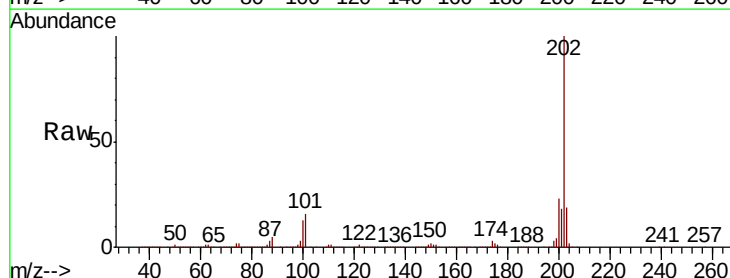
Tgt Ion:202 Resp: 1805185

Ion Ratio Lower Upper

202 100

200 22.8 17.9 26.9

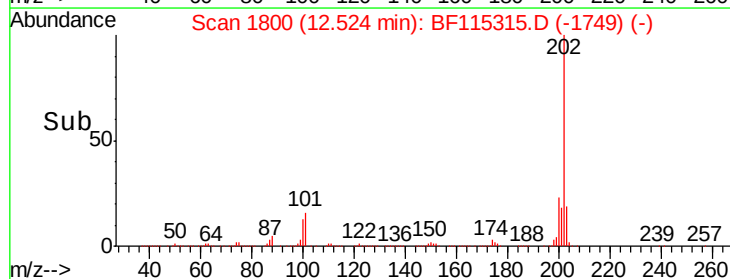
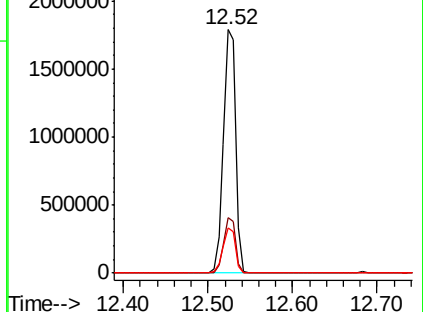
203 18.5 14.6 21.8

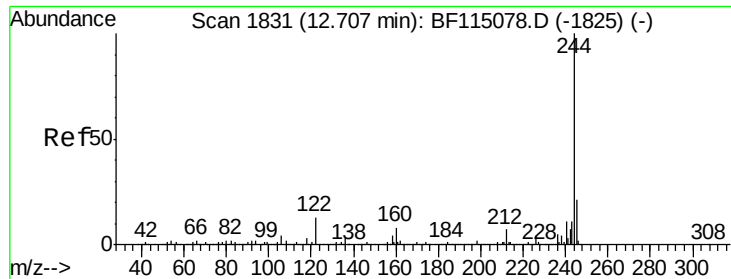


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.607 ng

RT: 12.68 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF115315.D

Acq: 29 Jun 2019 11:45

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14MS

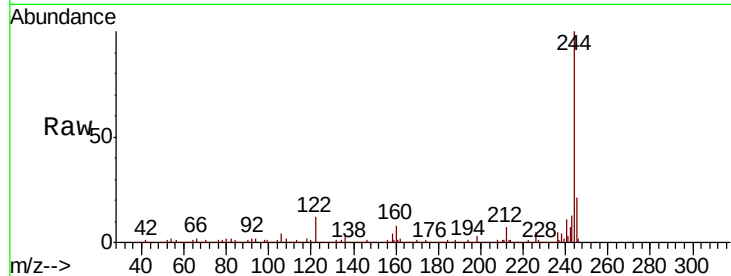
Tgt Ion:244 Resp: 2435555

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

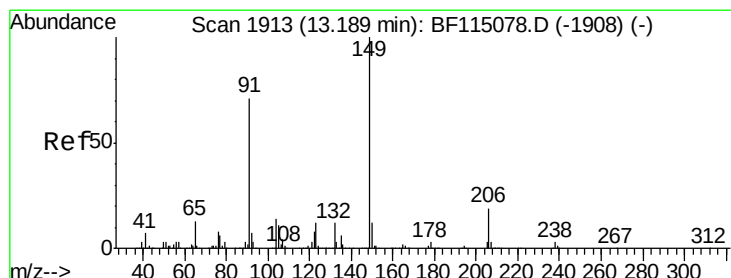
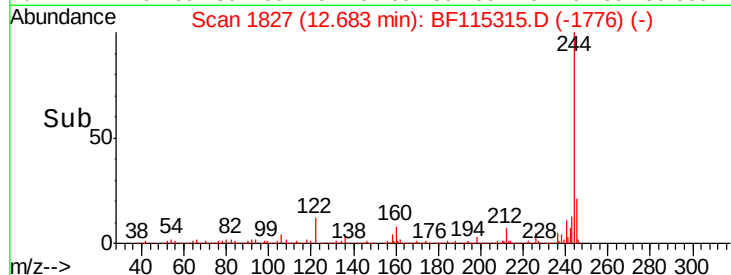
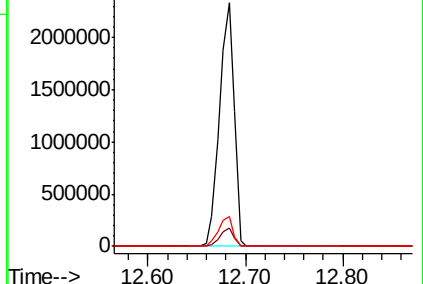
122 12.1 10.4 15.6



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: 37.638 ng

RT: 13.16 min Scan# 1908

Delta R.T. 0.00 min

Lab File: BF115315.D

Acq: 29 Jun 2019 11:45

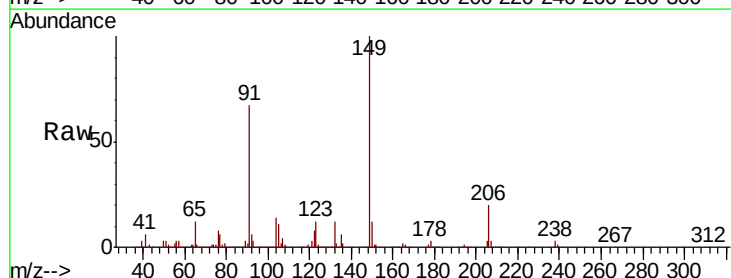
Tgt Ion:149 Resp: 840914

Ion Ratio Lower Upper

149 100

91 66.7 56.5 84.7

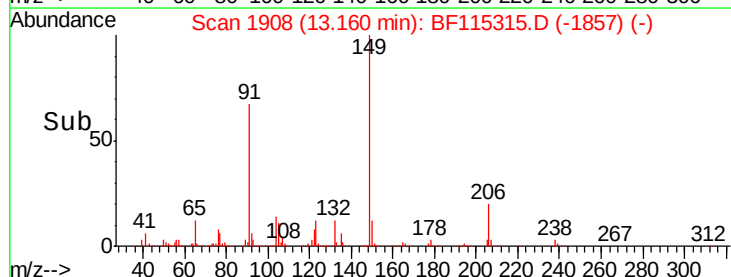
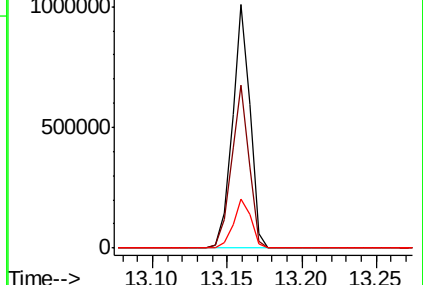
206 20.4 15.3 22.9

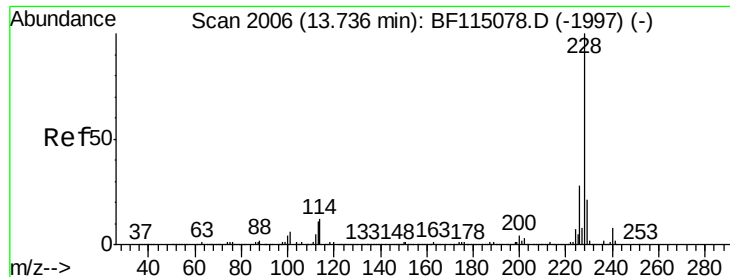


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

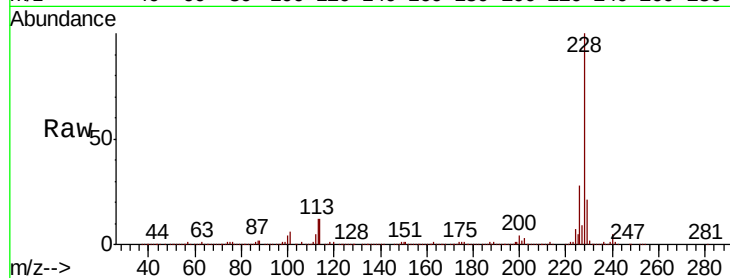




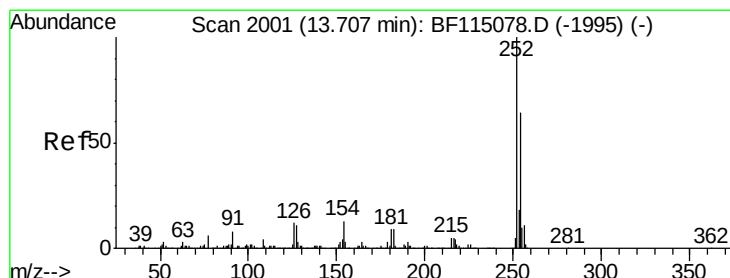
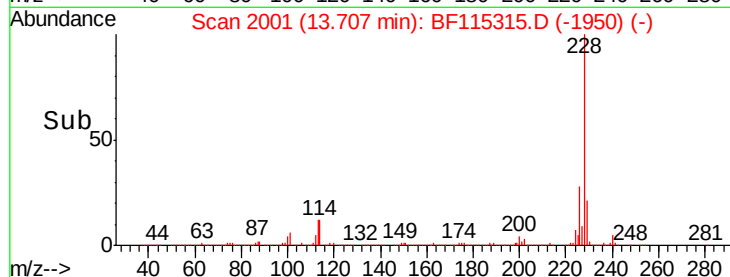
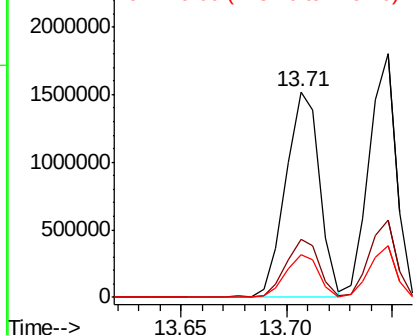
#81
Benzo(a)anthracene
Concen: 35.947 ng
RT: 13.71 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BF115315.D
Acq: 29 Jun 2019 11:45

Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MS

Tgt Ion:228 Resp: 1699144
Ion Ratio Lower Upper
228 100
226 28.0 22.5 33.7
229 20.6 16.6 24.8

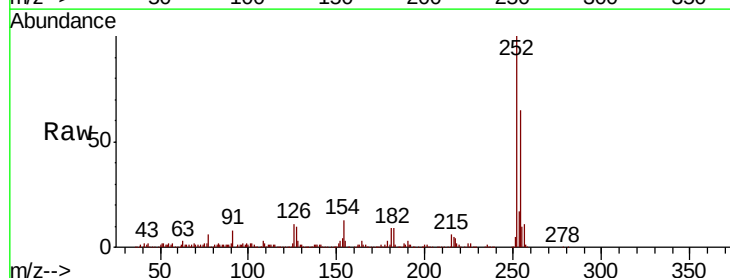


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

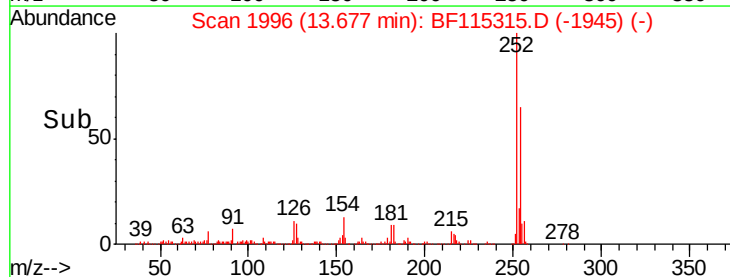
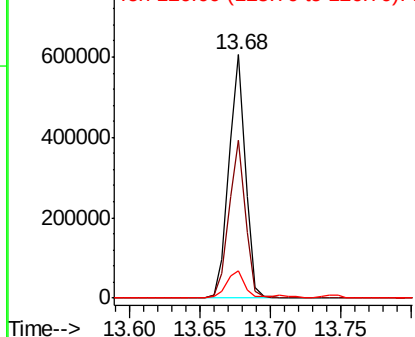


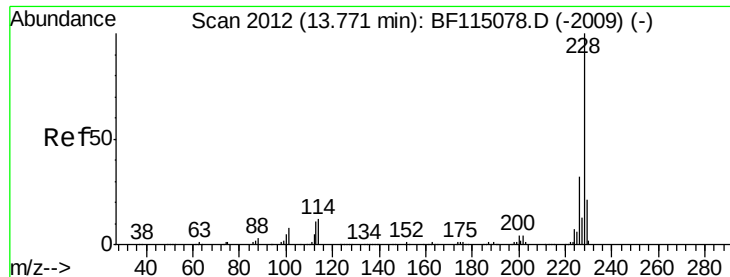
#82
3,3'-Dichlorobenzidine
Concen: 29.011 ng
RT: 13.68 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BF115315.D
Acq: 29 Jun 2019 11:45

Tgt Ion:252 Resp: 495204
Ion Ratio Lower Upper
252 100
254 64.7 51.1 76.7
126 11.3 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: 37.691 ng

RT: 13.75 min Scan# 2008

Delta R.T. 0.01 min

Lab File: BF115315.D

Acq: 29 Jun 2019 11:45

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14MS

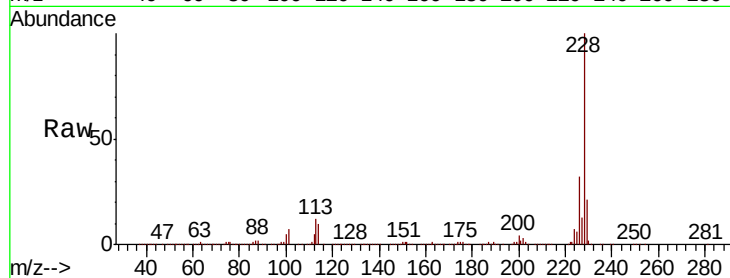
Tgt Ion:228 Resp: 1631989

Ion Ratio Lower Upper

228 100

226 31.9 25.4 38.0

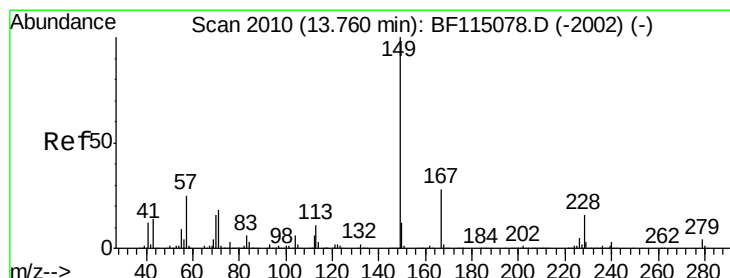
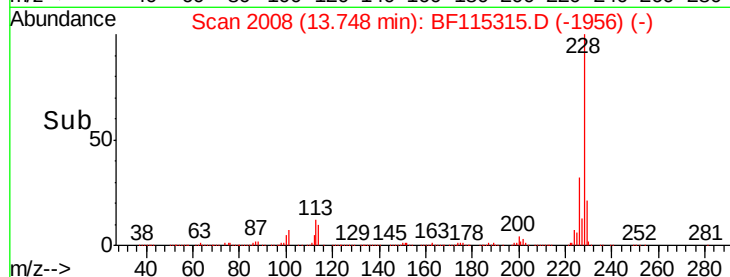
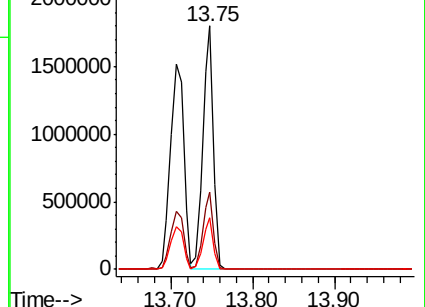
229 21.0 16.5 24.7



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: 38.643 ng

RT: 13.73 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF115315.D

Acq: 29 Jun 2019 11:45

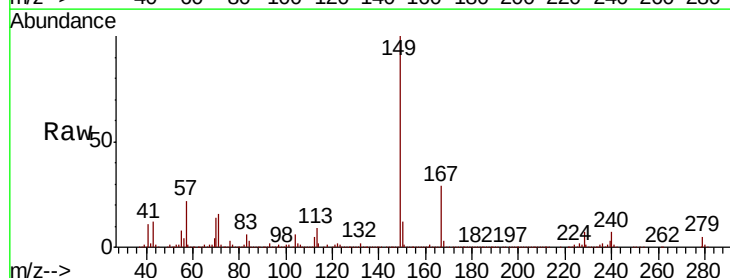
Tgt Ion:149 Resp: 1131267

Ion Ratio Lower Upper

149 100

167 29.0 22.2 33.4

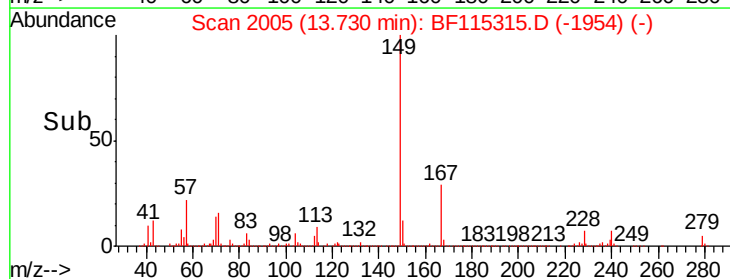
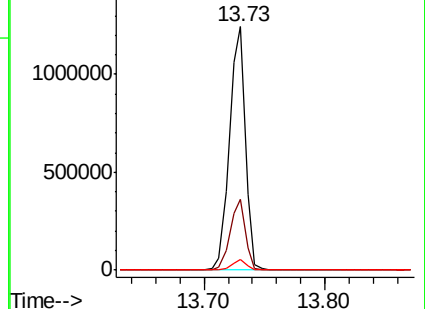
279 4.6 2.9 4.3#

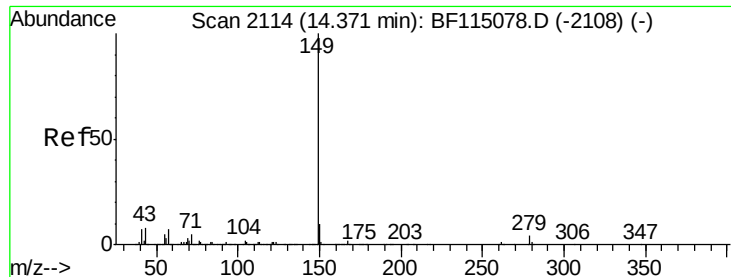


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

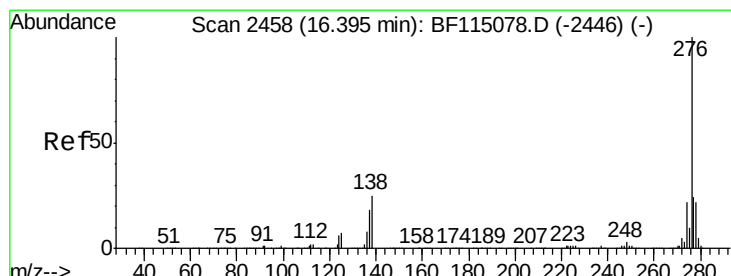
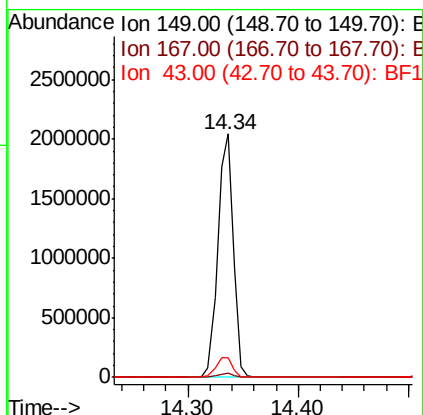
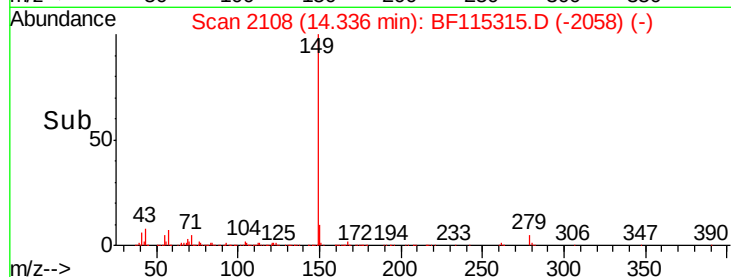
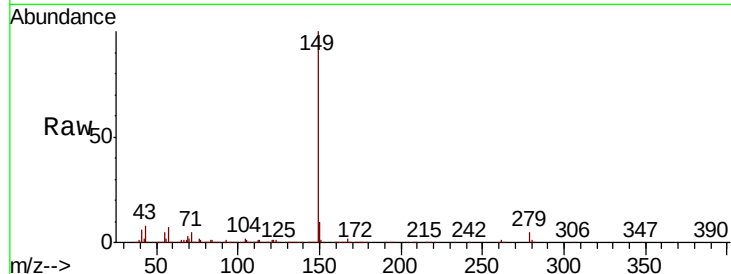




#85
Di-n-octyl phthalate
Concen: 40.216 ng
RT: 14.34 min Scan# 2108
Delta R.T. -0.01 min
Lab File: BF115315.D
Acq: 29 Jun 2019 11:45

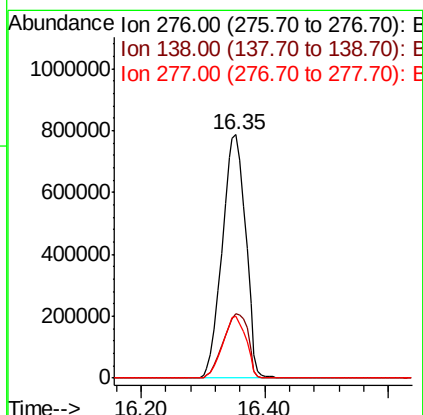
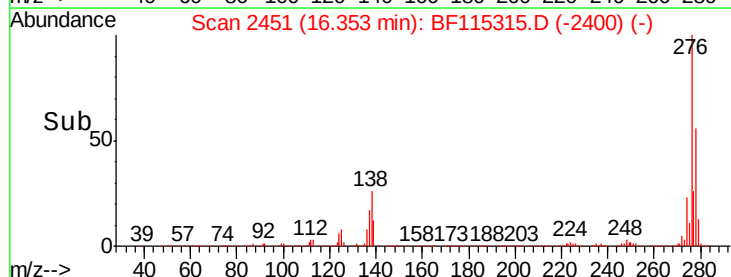
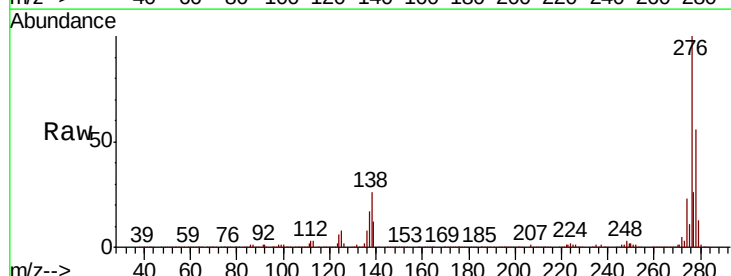
Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MS

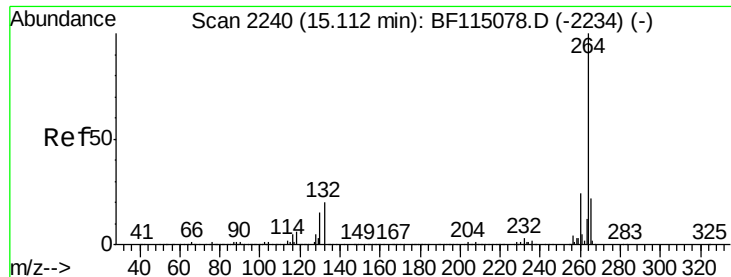
Tgt Ion:149 Resp: 1978093
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.7 7.0 10.6



#86
Indeno(1,2,3-cd)pyrene
Concen: 40.430 ng
RT: 16.35 min Scan# 2451
Delta R.T. 0.00 min
Lab File: BF115315.D
Acq: 29 Jun 2019 11:45

Tgt Ion:276 Resp: 2071474
Ion Ratio Lower Upper
276 100
138 28.0 23.2 34.8
277 25.3 20.1 30.1





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.08 min Scan# 2234

Delta R.T. -0.01 min

Lab File: BF115315.D

Acq: 29 Jun 2019 11:45

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14MS

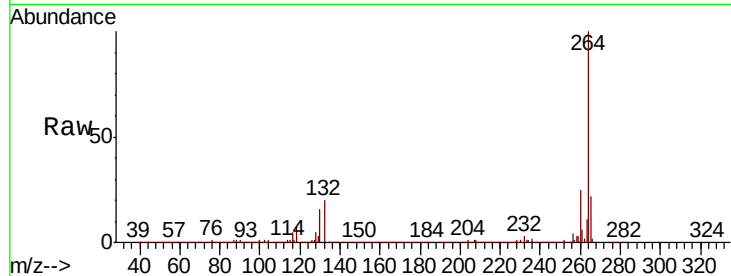
Tgt Ion: 264 Resp: 837892

Ion Ratio Lower Upper

264 100

260 24.8 19.6 29.4

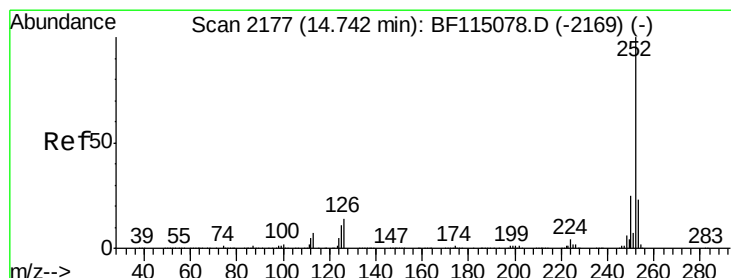
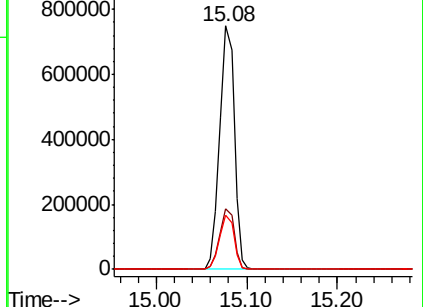
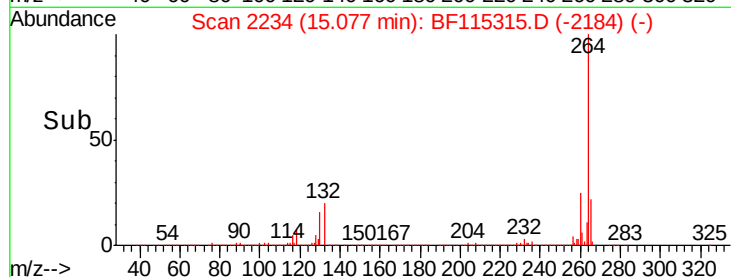
265 22.1 17.3 25.9



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: 37.517 ng

RT: 14.71 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BF115315.D

Acq: 29 Jun 2019 11:45

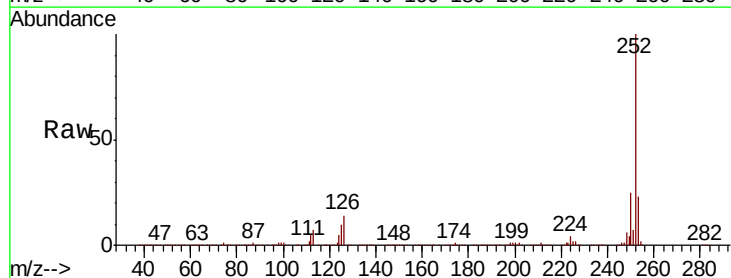
Tgt Ion: 252 Resp: 1961447

Ion Ratio Lower Upper

252 100

253 22.8 18.1 27.1

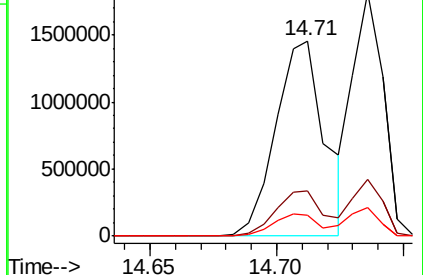
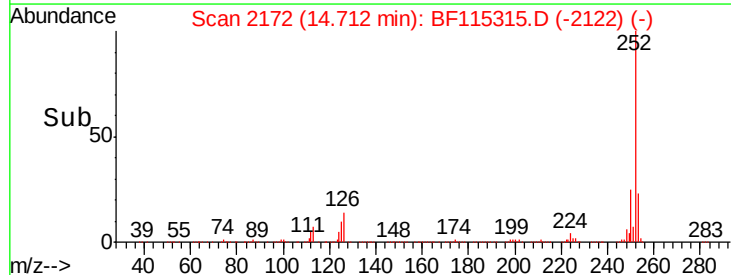
125 10.4 8.7 13.1

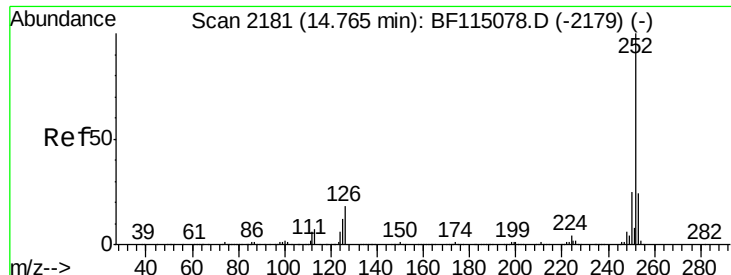


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

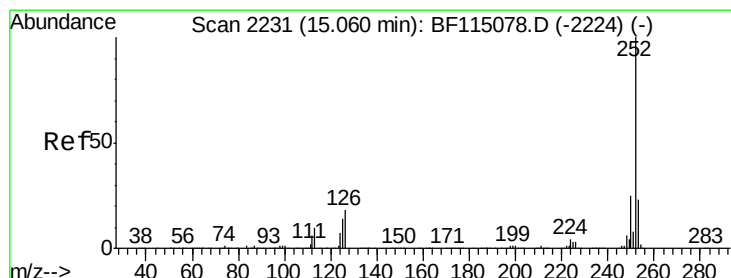
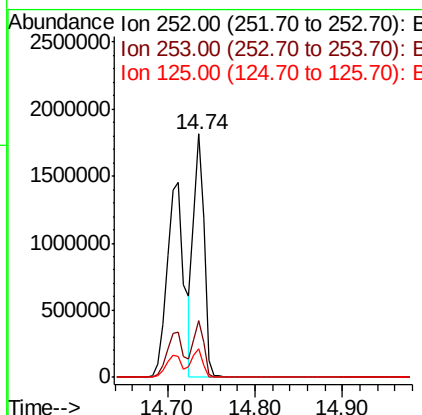
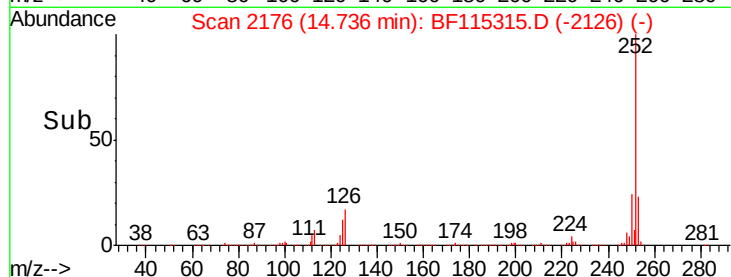
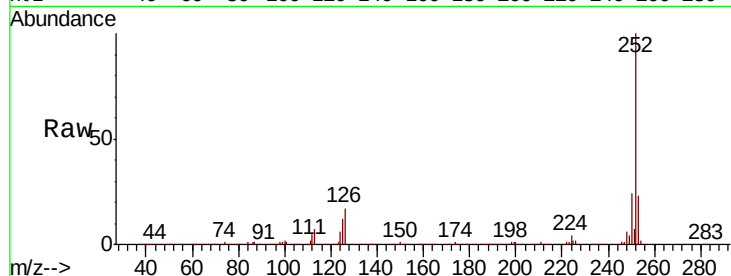




#89
Benzo(k)fluoranthene
Concen: 32.966 ng
RT: 14.74 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BF115315.D
Acq: 29 Jun 2019 11:45

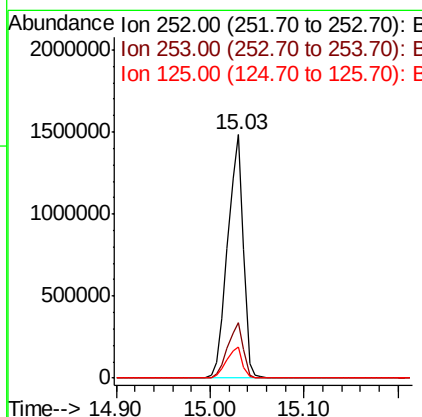
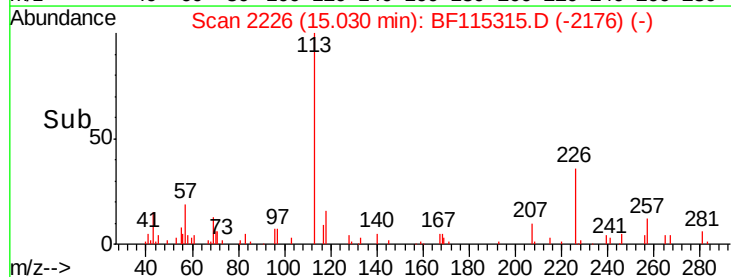
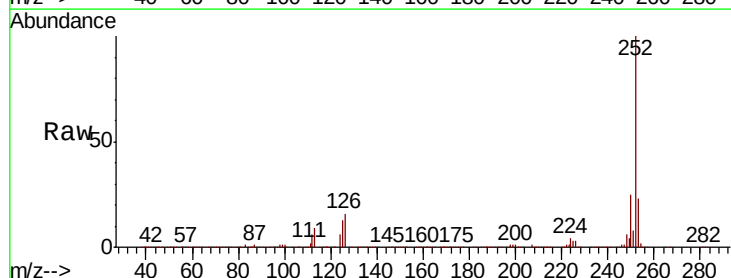
Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MS

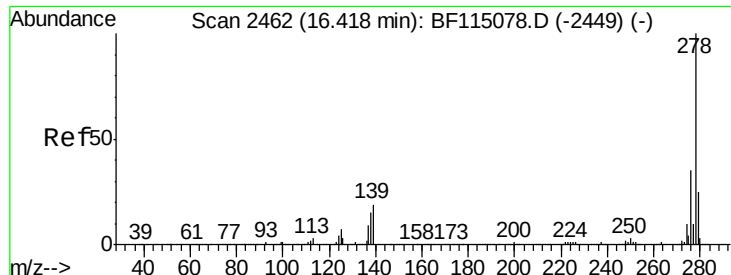
Tgt Ion:252 Resp: 1545653
Ion Ratio Lower Upper
252 100
253 23.1 18.9 28.3
125 11.6 10.2 15.2



#90
Benzo(a)pyrene
Concen: 36.761 ng
RT: 15.03 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF115315.D
Acq: 29 Jun 2019 11:45

Tgt Ion:252 Resp: 1732261
Ion Ratio Lower Upper
252 100
253 23.0 18.3 27.5
125 12.6 10.9 16.3





#91

Dibenzo(a,h)anthracene

Concen: 38.305 ng

RT: 16.37 min Scan# 2454

Delta R.T. 0.00 min

Lab File: BF115315.D

Acq: 29 Jun 2019 11:45

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14MS

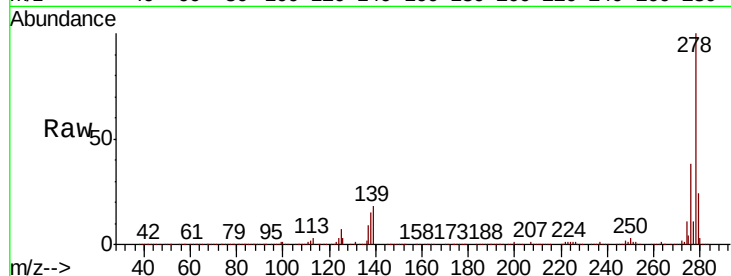
Tgt Ion:278 Resp: 1685094

Ion Ratio Lower Upper

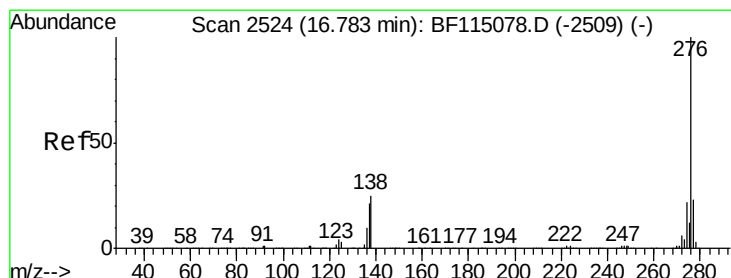
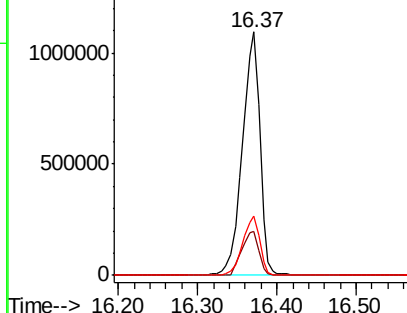
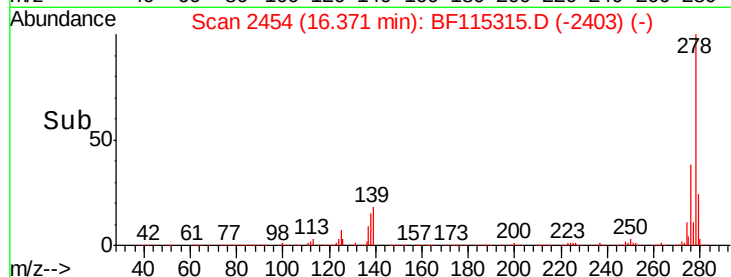
278 100

139 17.9 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: 38.947 ng

RT: 16.74 min Scan# 2516

Delta R.T. 0.00 min

Lab File: BF115315.D

Acq: 29 Jun 2019 11:45

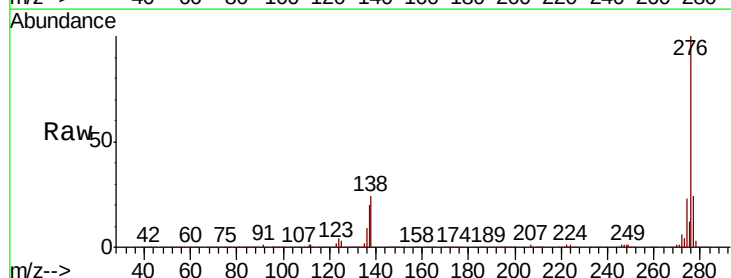
Tgt Ion:276 Resp: 1734128

Ion Ratio Lower Upper

276 100

277 24.1 18.6 28.0

138 23.9 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

