

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062219\
 Data File : BF115129.D
 Acq On : 22 Jun 2019 19:03
 Operator : HP/JU
 Sample : K3470-02MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4MS

Quant Time: Jun 24 04:37:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 04:21:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	280797	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1088756	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	533454	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	988557	20.00	ng	-0.01
76) Chrysene-d12	13.72	240	561844	20.00	ng	-0.02
87) Perylene-d12	15.09	264	631180	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	1206987	66.33	ng	0.00
7) Phenol-d6	6.25	99	1538514	69.66	ng	0.00
23) Nitrobenzene-d5	7.17	82	907239	51.26	ng	-0.01
42) 2,4,6-Tribromophenol	10.42	330	386691	68.74	ng	-0.01
45) 2-Fluorobiphenyl	8.97	172	1614924	51.42	ng	-0.01
79) Terphenyl-d14	12.69	244	1515316	57.34	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.25	88	149007	17.351	ng	100
3) Pyridine	2.90	79	376384	15.550	ng	100
4) n-Nitrosodimethylamine	2.83	42	177370	18.693	ng	100
6) Aniline	6.27	93	292489	9.636	ng	99
8) 2-Chlorophenol	6.40	128	432344	21.131	ng	99
9) Benzaldehyde	6.15	77	286837	19.907	ng	96
10) Phenol	6.26	94	526524	20.352	ng	92
11) bis(2-Chloroethyl)ether	6.35	93	393199	20.619	ng	99
12) 1,3-Dichlorobenzene	6.55	146	458457	20.190	ng	99
13) 1,4-Dichlorobenzene	6.63	146	471962	20.727	ng	99
14) 1,2-Dichlorobenzene	6.78	146	444781	21.093	ng	99
15) Benzyl Alcohol	6.75	79	348727	21.684	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.90	45	560569	20.267	ng	100
17) 2-Methylphenol	6.87	107	347489	20.575	ng	99
18) Hexachloroethane	7.13	117	163966	19.974	ng	96
19) n-Nitroso-di-n-propylamine	7.03	70	283422	20.045	ng	97
20) 3+4-Methylphenols	7.02	107	428901	21.994	ng	96
22) Acetophenone	7.02	105	574646	23.055	ng	# 98
24) Nitrobenzene	7.19	77	431367	22.123	ng	98
25) Isophorone	7.44	82	779086	21.488	ng	99
26) 2-Nitrophenol	7.51	139	216748	22.509	ng	96
27) 2,4-Dimethylphenol	7.55	122	393687	24.971	ng	99
28) bis(2-Chloroethoxy)methane	7.65	93	504204	22.002	ng	100
29) 2,4-Dichlorophenol	7.75	162	357745	21.988	ng	99
30) 1,2,4-Trichlorobenzene	7.84	180	393362	21.888	ng	100
31) Naphthalene	7.91	128	1244755	23.291	ng	99
32) Benzoic acid	7.63	122	109120	9.696	ng	96
33) 4-Chloroaniline	7.96	127	195733	8.014	ng	98
34) Hexachlorobutadiene	8.04	225	215895	21.921	ng	99
35) Caprolactam	8.31	113	102631	18.762	ng	93
36) 4-Chloro-3-methylphenol	8.44	107	363563	22.064	ng	99
37) 2-Methylnaphthalene	8.60	142	843753	23.415	ng	98
38) 1-Methylnaphthalene	8.70	142	794020	23.071	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	364272	24.165	ng	99

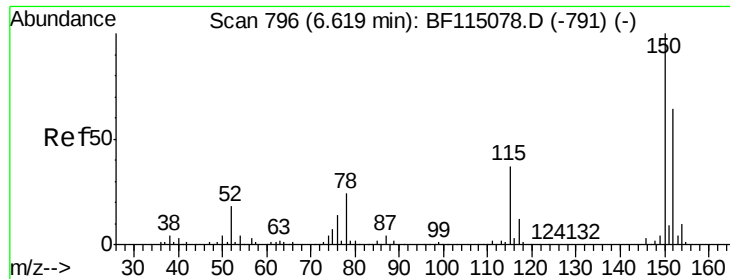
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062219\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	254871	28.513	ng	99
43) 2,4,6-Trichlorophenol	8.88	196	256273	22.020	ng	99
44) 2,4,5-Trichlorophenol	8.91	196	264008	22.028	ng	99
46) 1,1'-Biphenyl	9.07	154	1001642	23.467	ng	99
47) 2-Chloronaphthalene	9.09	162	789312	22.797	ng	99
48) 2-Nitroaniline	9.18	65	219850	21.780	ng	97
49) Acenaphthylene	9.50	152	1250289	23.177	ng	99
50) Dimethylphthalate	9.37	163	1120057	28.538	ng	99
51) 2,6-Dinitrotoluene	9.42	165	202059	22.300	ng	95
52) Acenaphthene	9.67	154	757124	22.430	ng	99
53) 3-Nitroaniline	9.58	138	154229	13.948	ng	98
54) 2,4-Dinitrophenol	9.69	184	70990	21.172	ng	95
55) Dibenzofuran	9.84	168	1100278	22.710	ng	99
56) 4-Nitrophenol	9.75	139	326722	36.856	ng	89
57) 2,4-Dinitrotoluene	9.82	165	266162	22.750	ng	91
58) Fluorene	10.18	166	791969	21.046	ng	97
59) 2,3,4,6-Tetrachlorophenol	9.96	232	205251	20.424	ng	99
60) Diethylphthalate	10.07	149	885679	22.450	ng	99
61) 4-Chlorophenyl-phenylether	10.18	204	388793	21.866	ng	97
62) 4-Nitroaniline	10.19	138	204133	18.402	ng	98
63) Azobenzene	10.34	77	823613	22.351	ng	95
65) 4,6-Dinitro-2-methylphenol	10.22	198	66717	16.333	ng	98
66) n-Nitrosodiphenylamine	10.30	169	748338	24.298	ng	99
67) 4-Bromophenyl-phenylether	10.67	248	250326	23.356	ng	96
68) Hexachlorobenzene	10.72	284	264536	22.739	ng	93
69) Atrazine	10.82	200	224129	22.623	ng	99
70) Pentachlorophenol	10.92	266	244910	33.045	ng	97
71) Phenanthrene	11.13	178	1204758	22.635	ng	98
72) Anthracene	11.18	178	1245022	23.173	ng	100
73) Carbazole	11.34	167	1060853	22.112	ng	99
74) Di-n-butylphthalate	11.69	149	1361204	24.553	ng	100
75) Fluoranthene	12.31	202	1113569	20.969	ng	99
77) Benzidine	12.43	184	396032	15.874	ng	98
78) Pyrene	12.54	202	1099978	25.475	ng	99
80) Butylbenzylphthalate	13.17	149	491981	25.819	ng	98
81) Benzo(a)anthracene	13.72	228	853733	21.177	ng	98
82) 3,3'-Dichlorobenzidine	13.68	252	230308	15.820	ng	97
83) Chrysene	13.75	228	799819	21.659	ng	98
84) Bis(2-ethylhexyl)phthalate	13.74	149	653875	26.189	ng	99
85) Di-n-octyl phthalate	14.35	149	1005313	23.964	ng	99
86) Indeno(1,2,3-cd)pyrene	16.35	276	896197	20.509	ng	99
88) Benzo(b)fluoranthene	14.71	252	826847	20.995	ng	99
89) Benzo(k)fluoranthene	14.71	252	826847	23.411	ng	97
90) Benzo(a)pyrene	15.03	252	818004	23.044	ng	99
91) Dibenzo(a,h)anthracene	16.37	278	764446	23.068	ng	97
92) Benzo(g,h,i)perylene	16.73	276	712039	21.229	ng	98

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

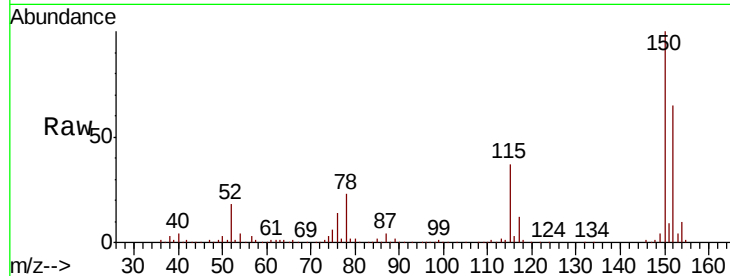


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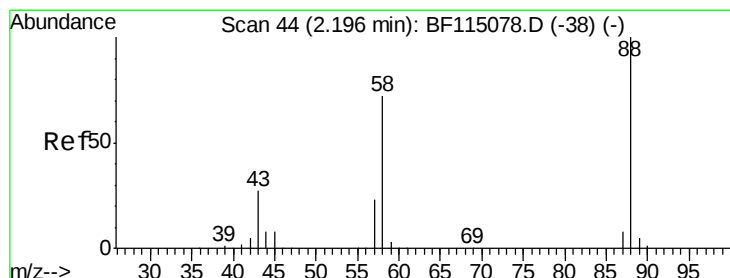
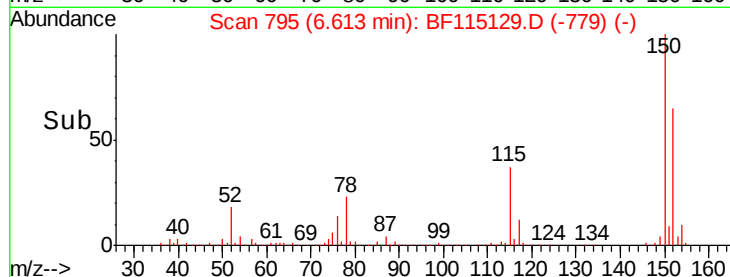
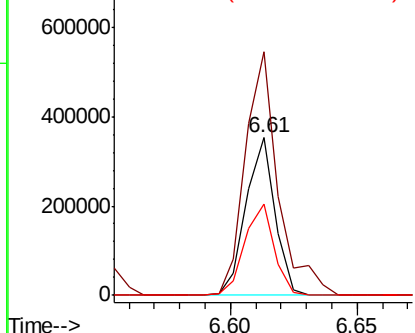
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115129.D
Acq: 22 Jun 2019 19:03

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.2	186.2
115	57.9	46.1	69.1



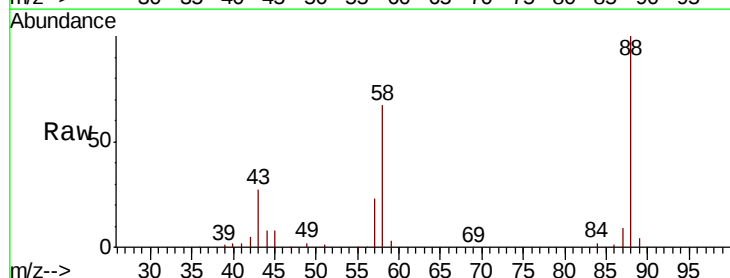
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



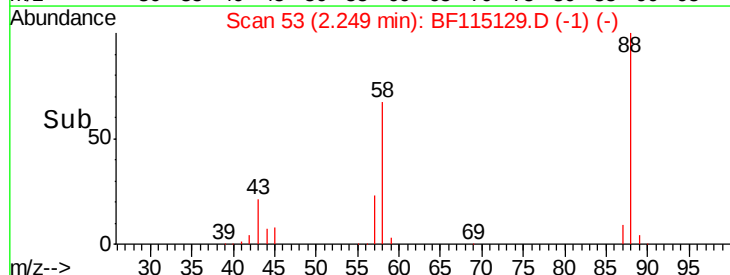
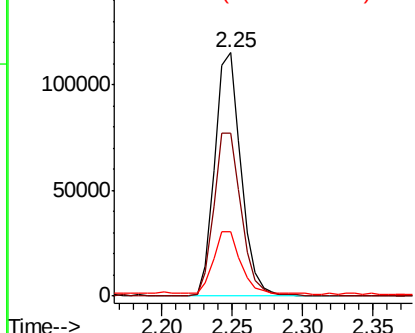
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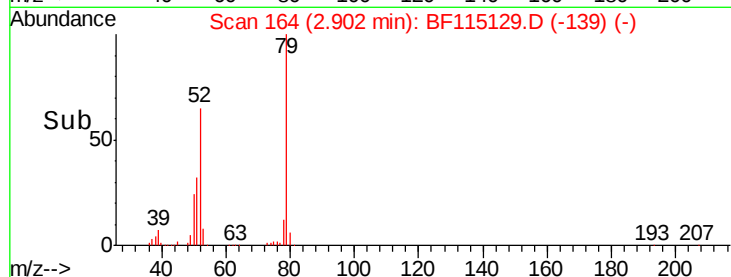
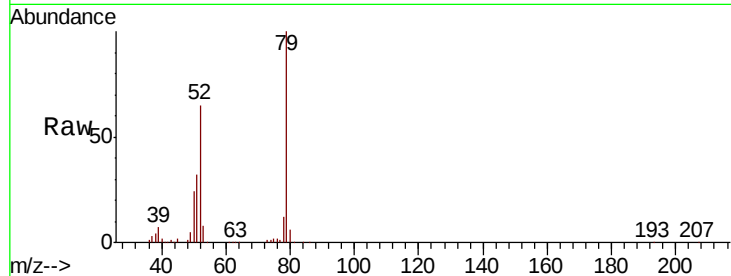
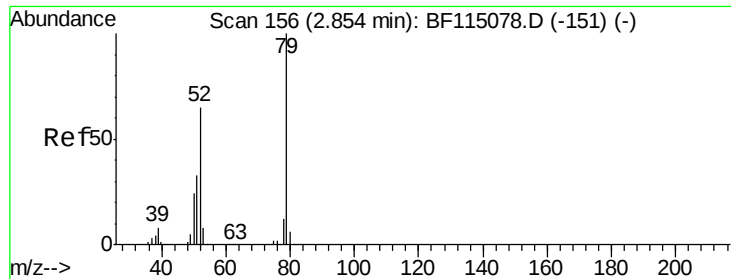
1,4-Dioxane
Concen: 17.351 ng
RT: 2.25 min Scan# 53
Delta R.T. 0.05 min
Lab File: BF115129.D
Acq: 22 Jun 2019 19:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.9	56.1	84.1
43	26.1	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

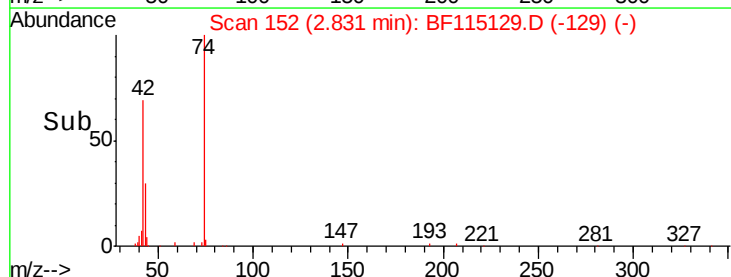
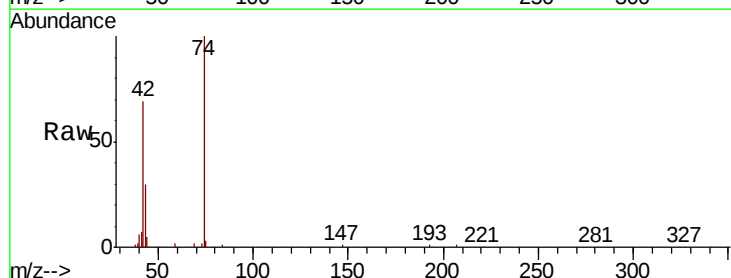
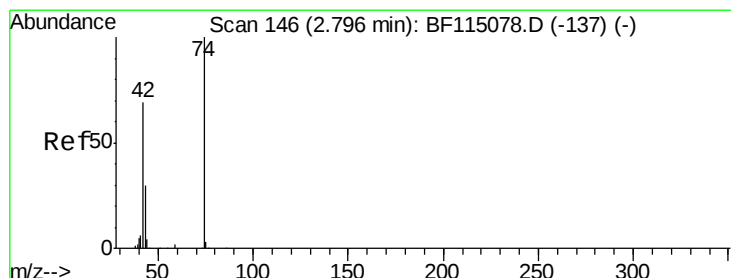
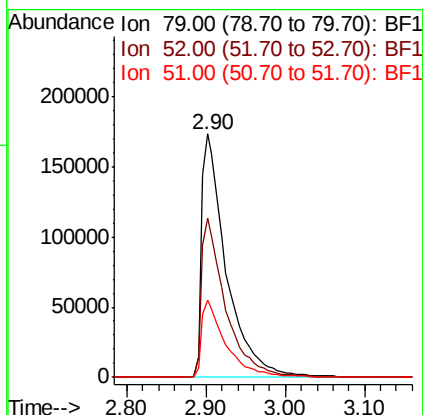




#3
 Pvridine
 Concen: 15.550 ng
 RT: 2.90 min Scan# 164
 Delta R.T. 0.05 min
 Lab File: BF115129.D
 Acq: 22 Jun 2019 19:03

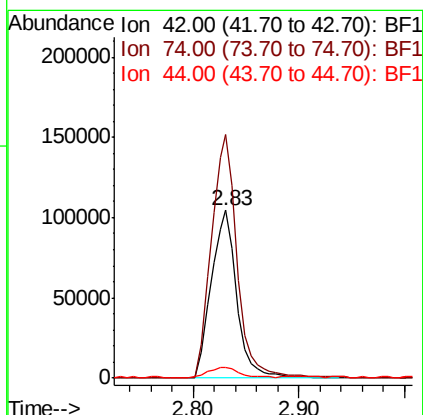
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4MS

Tot Ion: 79 Resp: 376384
 Ion Ratio Lower Upper
 79 100
 52 65.5 52.3 78.5
 51 31.9 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 18.693 ng
 RT: 2.83 min Scan# 152
 Delta R.T. 0.04 min
 Lab File: BF115129.D
 Acq: 22 Jun 2019 19:03

Tgt Ion: 42 Resp: 177370
 Ion Ratio Lower Upper
 42 100
 74 145.3 116.6 175.0
 44 6.6 5.3 7.9





#5

2-Fluorophenol

Concen: 66.332 ng

RT: 5.21 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF115129.D

Acq: 22 Jun 2019 19:03

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MS

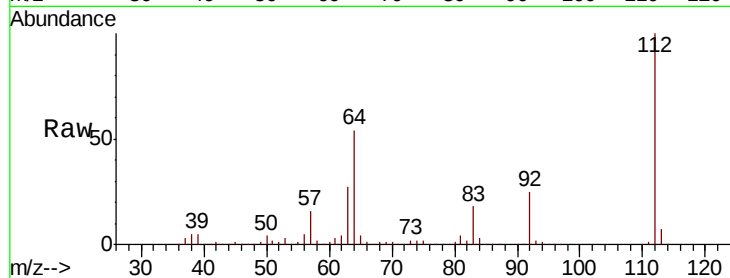
Tot Ion: 112 Resp: 1206987

Ion Ratio Lower Upper

112 100

64 53.8 43.8 65.6

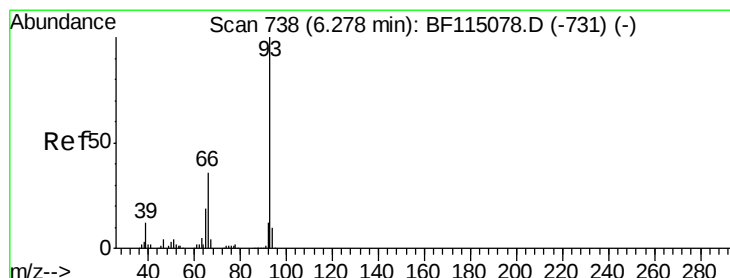
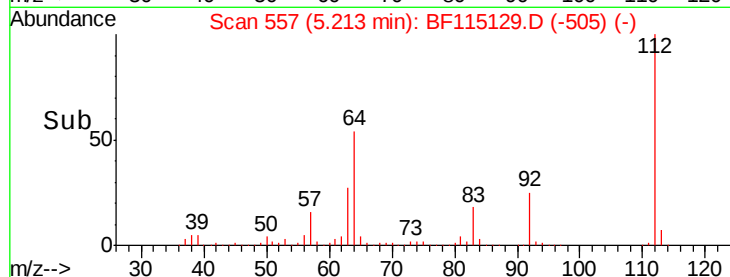
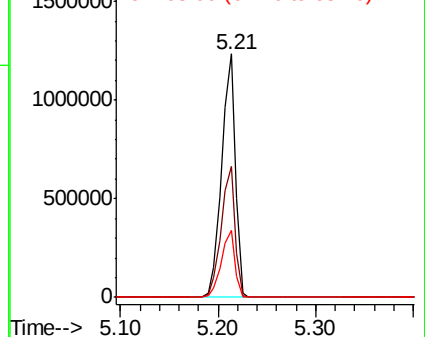
63 27.3 22.2 33.4



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: 9.636 ng

RT: 6.27 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF115129.D

Acq: 22 Jun 2019 19:03

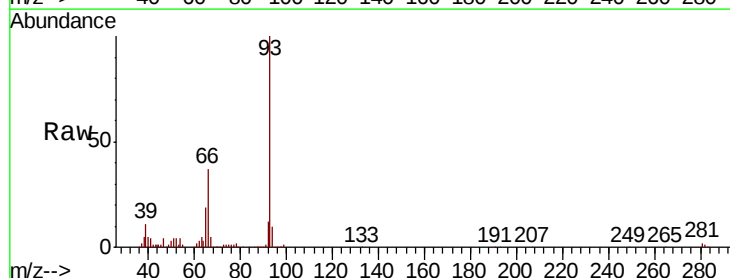
Tgt Ion: 93 Resp: 292489

Ion Ratio Lower Upper

93 100

66 36.8 30.0 45.0

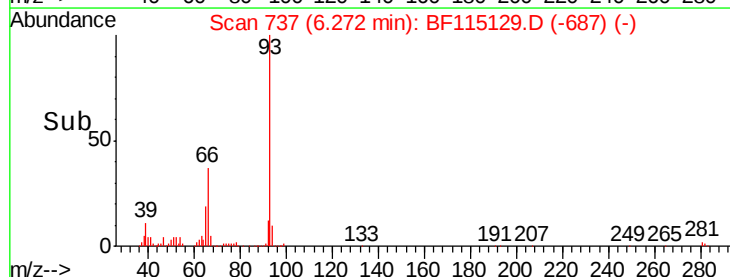
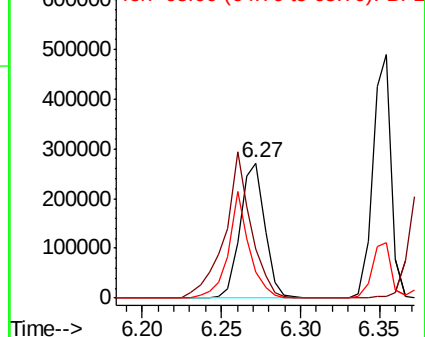
65 18.9 15.6 23.4

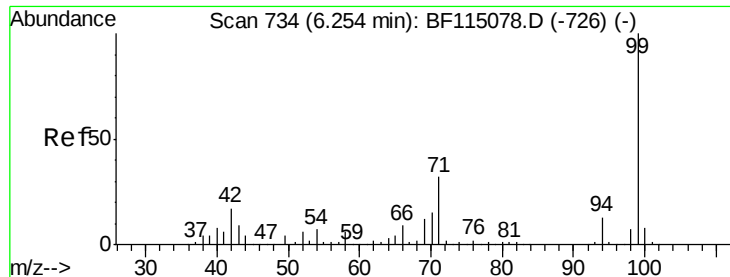


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 69.661 ng

RT: 6.25 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF115129.D

Acq: 22 Jun 2019 19:03

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MS

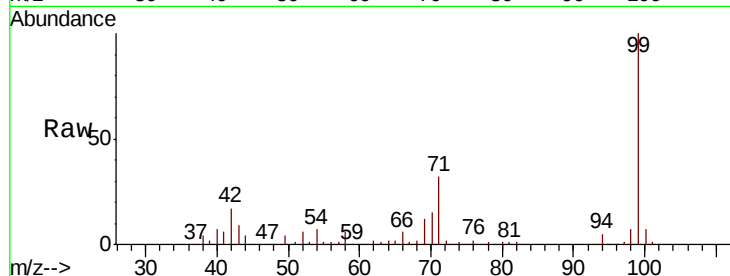
Tot Ion: 99 Resp: 1538514

Ion Ratio Lower Upper

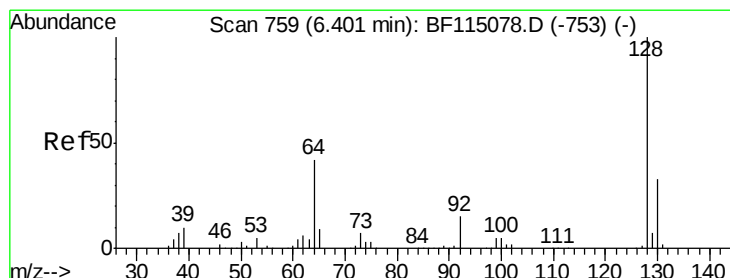
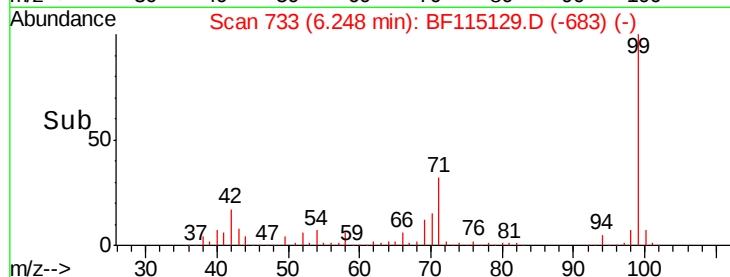
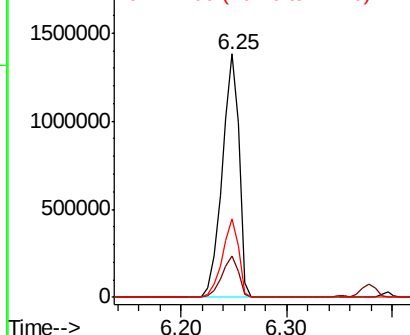
99 100

42 17.0 13.6 20.4

71 32.1 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: 21.131 ng

RT: 6.40 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF115129.D

Acq: 22 Jun 2019 19:03

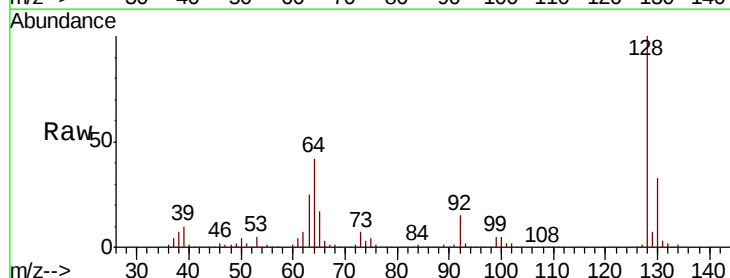
Tgt Ion:128 Resp: 432344

Ion Ratio Lower Upper

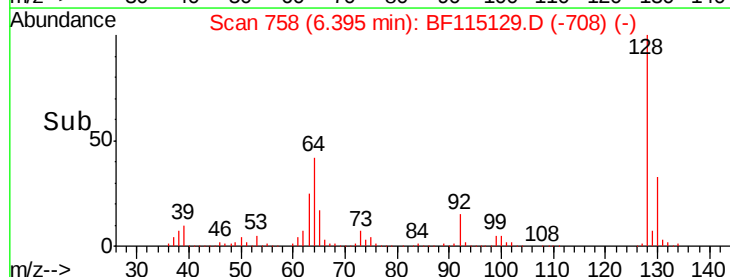
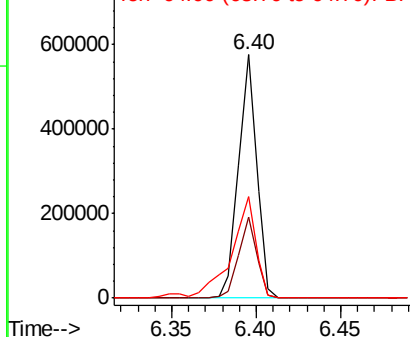
128 100

130 33.3 12.9 52.9

64 42.0 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: 19.907 ng

RT: 6.15 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF115129.D

Acq: 22 Jun 2019 19:03

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MS

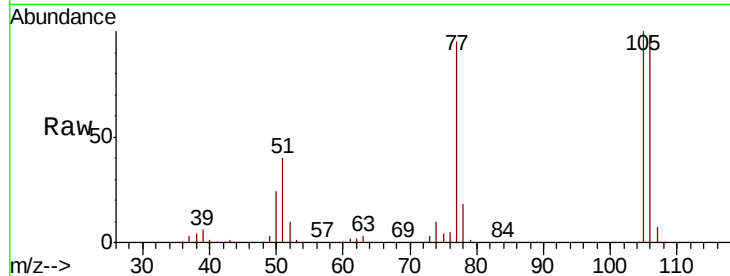
Tot Ion: 77 Resp: 286837

Ion Ratio Lower Upper

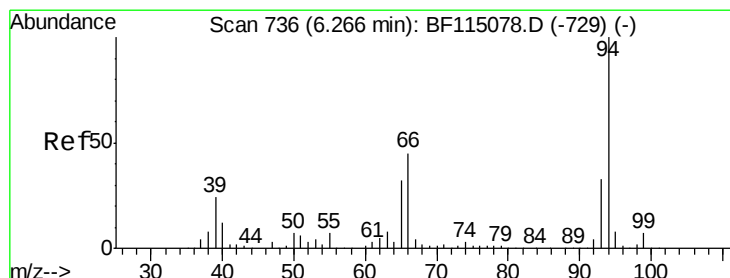
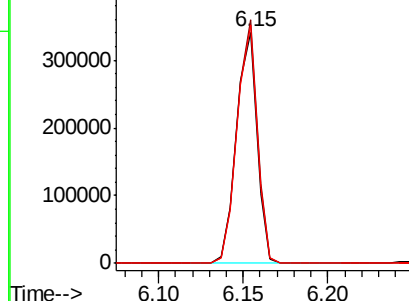
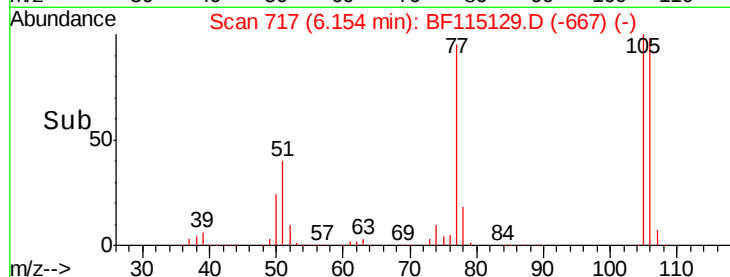
77 100

105 105.4 81.5 121.5

106 103.4 79.7 119.7



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 20.352 ng

RT: 6.26 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF115129.D

Acq: 22 Jun 2019 19:03

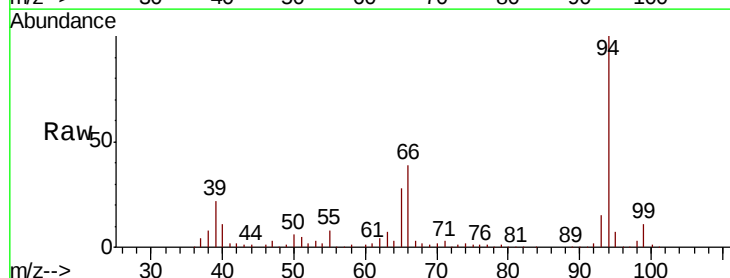
Tgt Ion: 94 Resp: 526524

Ion Ratio Lower Upper

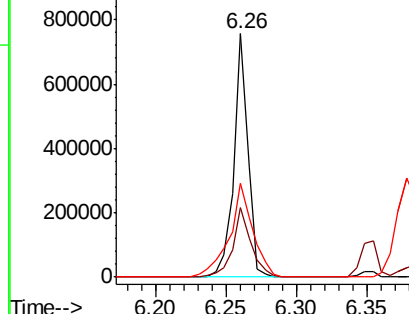
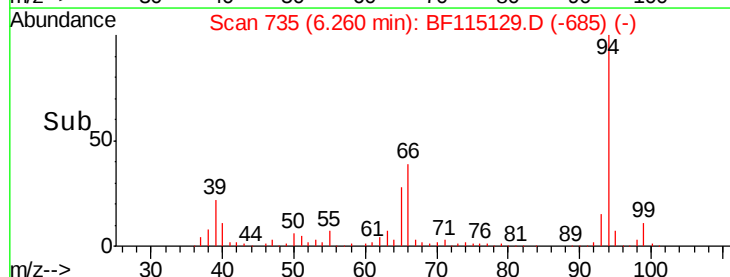
94 100

65 28.3 11.9 51.9

66 38.8 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

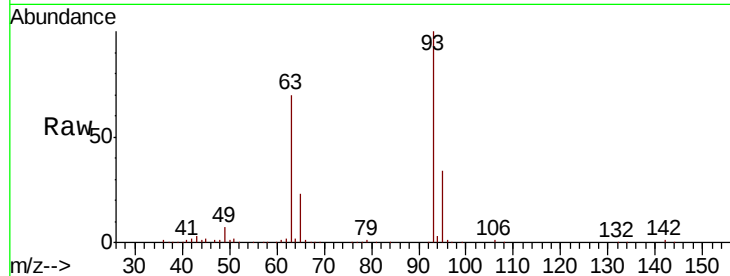




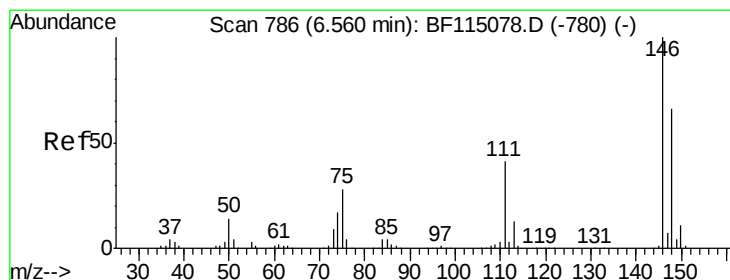
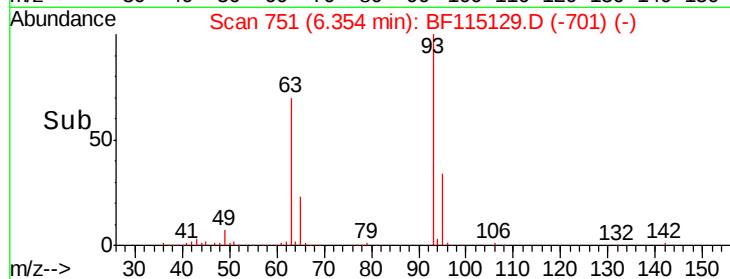
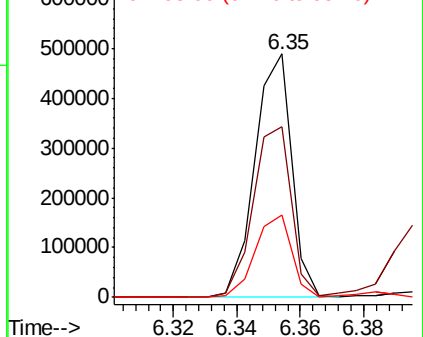
#11
bis(2-Chloroethyl)ether
Concen: 20.619 ng
RT: 6.35 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF115129.D
Acq: 22 Jun 2019 19:03

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.1	51.5	91.5
95	33.7	13.4	53.4

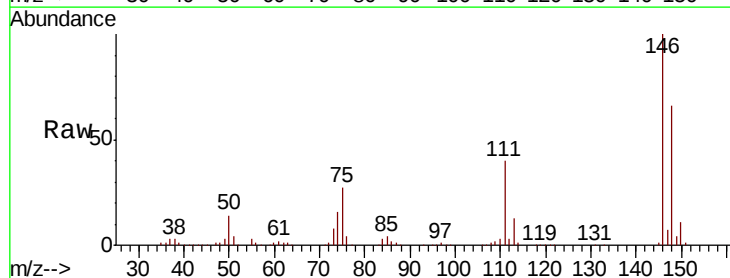


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

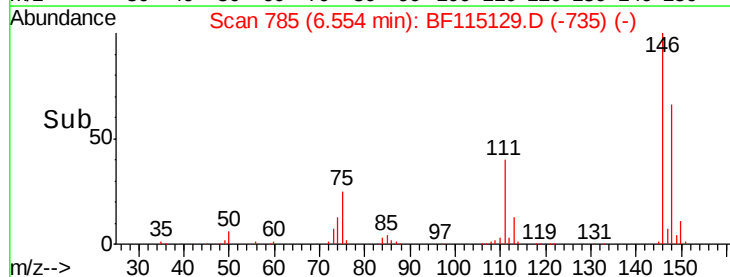
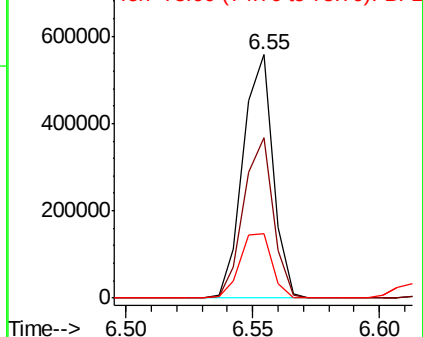


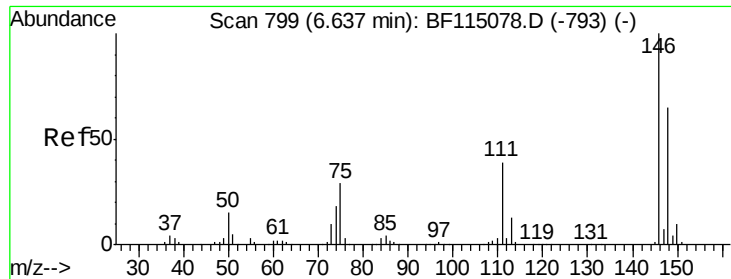
#12
1,3-Dichlorobenzene
Concen: 20.190 ng
RT: 6.55 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF115129.D
Acq: 22 Jun 2019 19:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	52.6	78.8
75	26.6	22.6	34.0



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

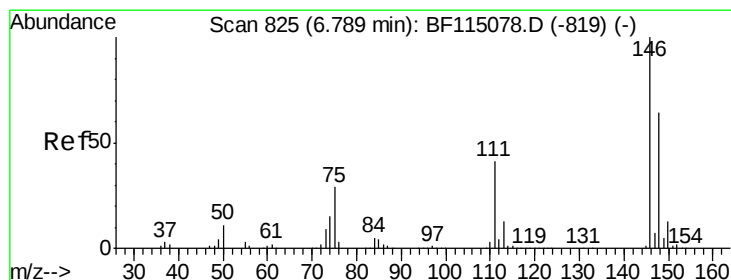
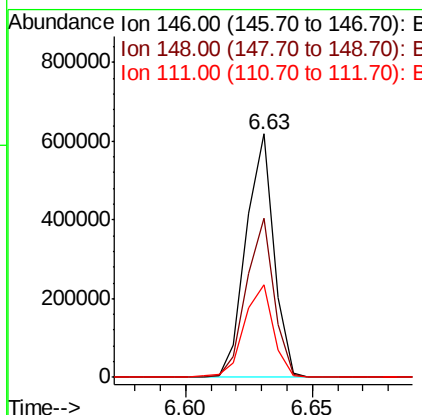
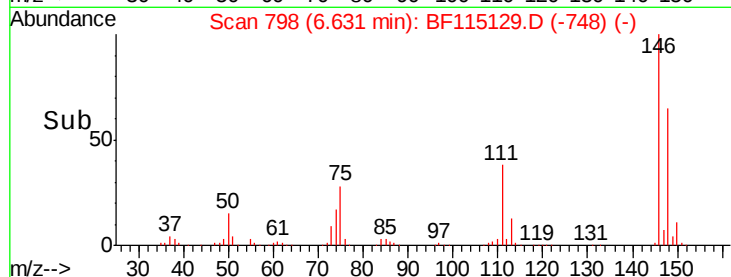
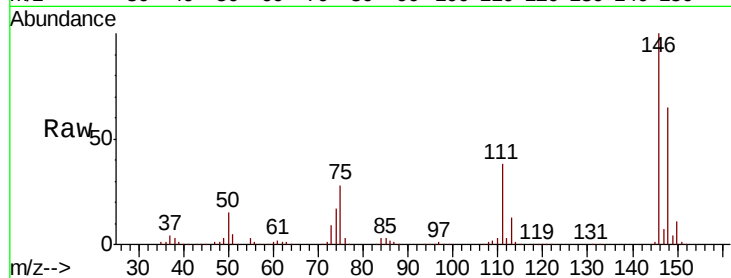




#13
 1,4-Dichlorobenzene
 Concen: 20.727 ng
 RT: 6.63 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF115129.D
 Acq: 22 Jun 2019 19:03

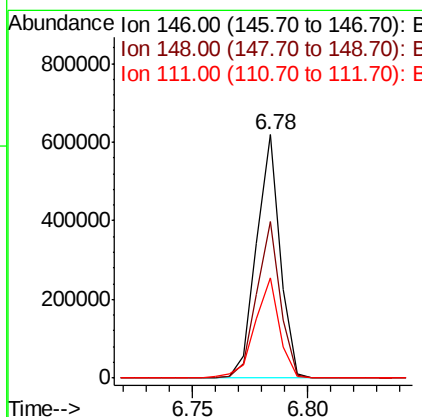
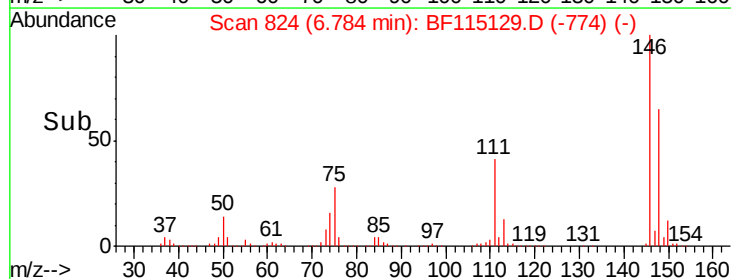
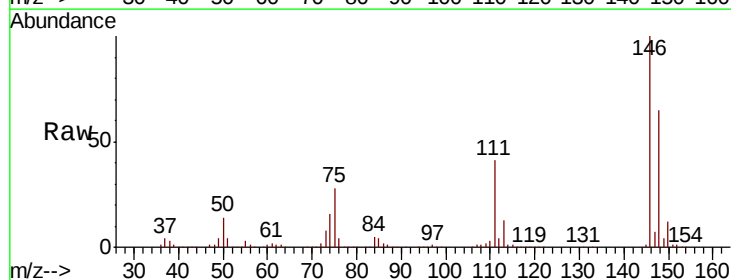
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4MS

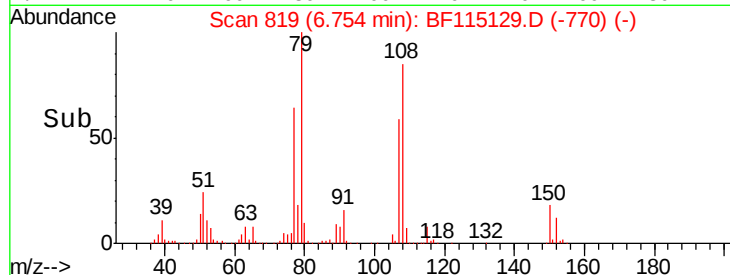
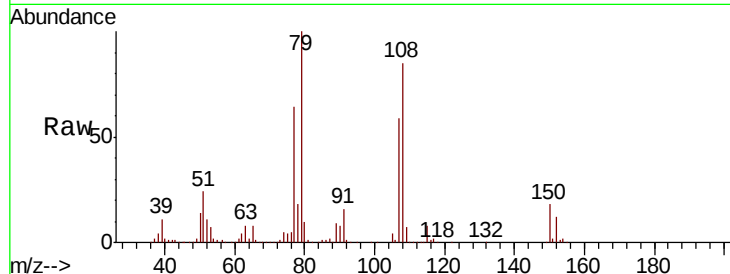
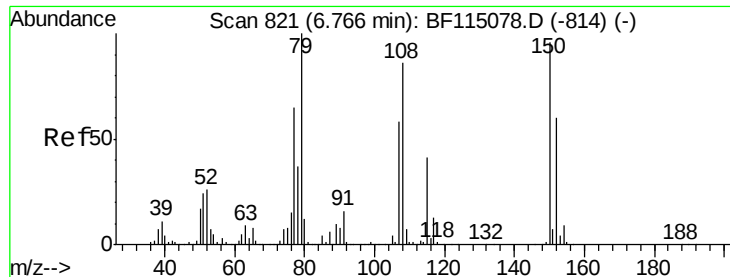
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.9	77.9
111	38.2	31.4	47.0



#14
 1,2-Dichlorobenzene
 Concen: 21.093 ng
 RT: 6.78 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF115129.D
 Acq: 22 Jun 2019 19:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.1	76.7
111	41.1	33.2	49.8

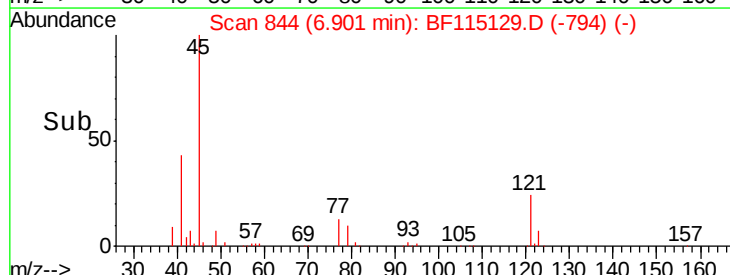
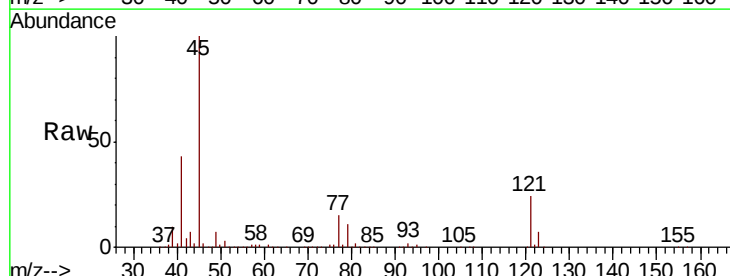
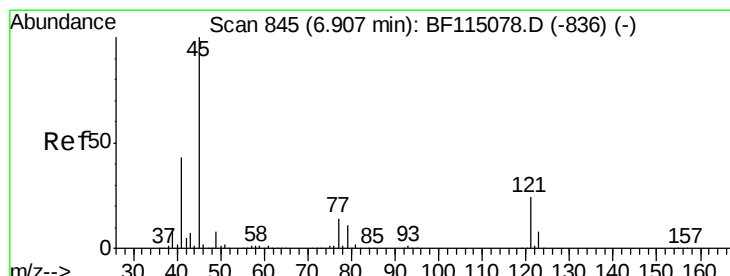
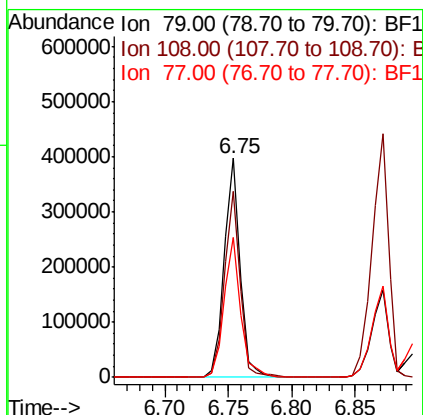




#15
Benzyl Alcohol
Concen: 21.684 ng
RT: 6.75 min Scan# 819
Delta R.T. -0.01 min
Lab File: BF115129.D
Acq: 22 Jun 2019 19:03

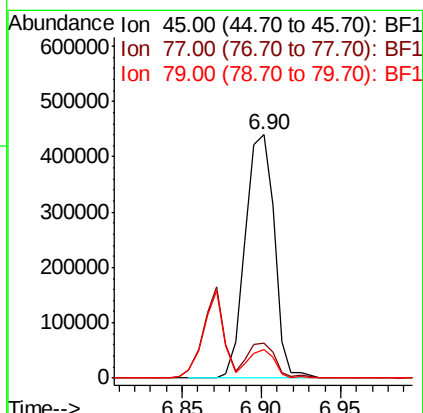
Tot Ion	Ratio	Lower	Upper
79	100		
108	84.8	68.7	103.1
77	64.0	51.7	77.5

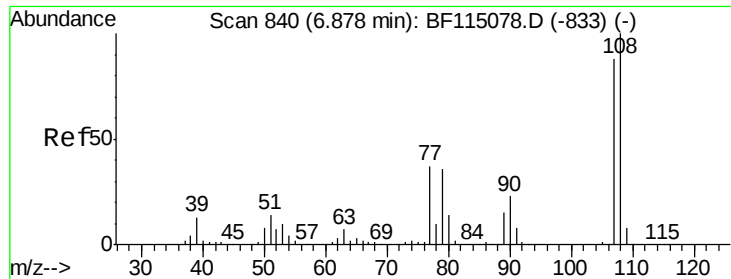
Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS



#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.267 ng
RT: 6.90 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF115129.D
Acq: 22 Jun 2019 19:03

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.6	0.0	34.6
79	11.5	0.0	31.2

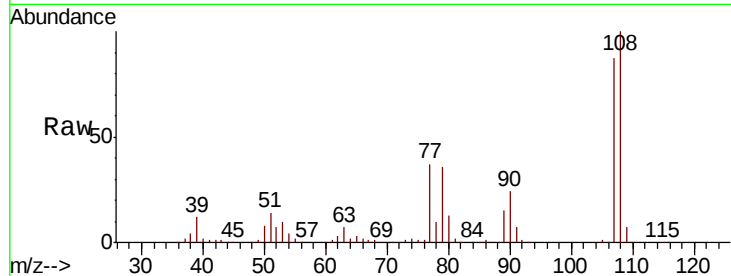




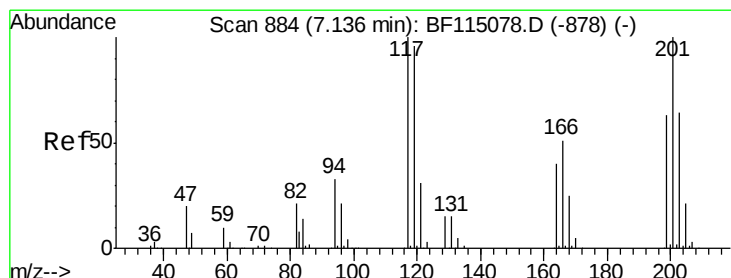
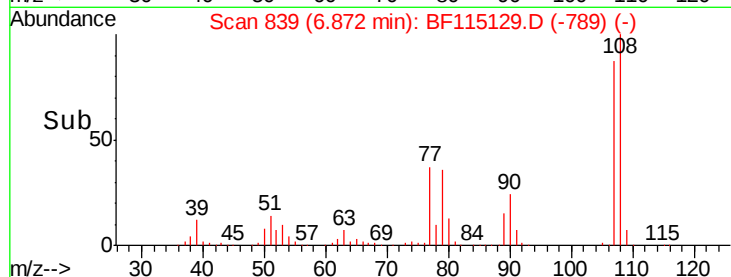
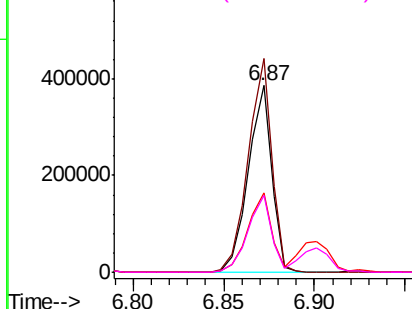
#17
2-Methylphenol
Concen: 20.575 ng
RT: 6.87 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF115129.D
Acq: 22 Jun 2019 19:03

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

Tot Ion:	107	Resp:	347489
Ion	Ratio	Lower	Upper
107	100		
108	114.3	90.9	136.3
77	42.7	33.4	50.2
79	41.2	32.3	48.5

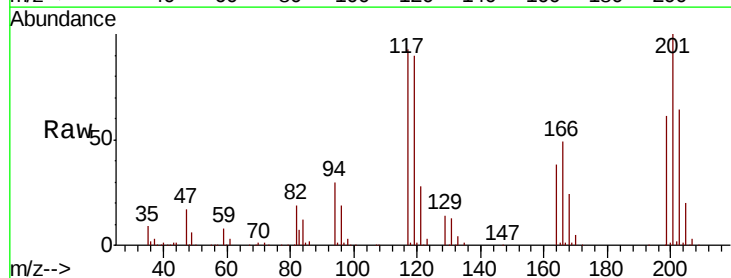


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

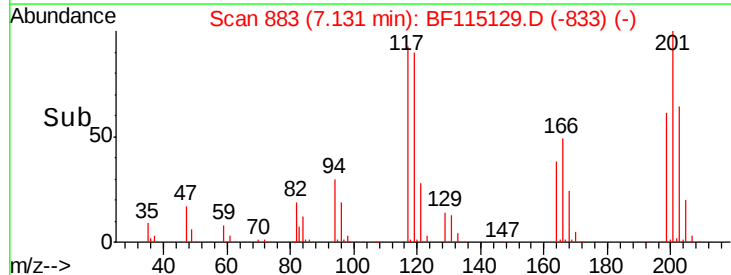
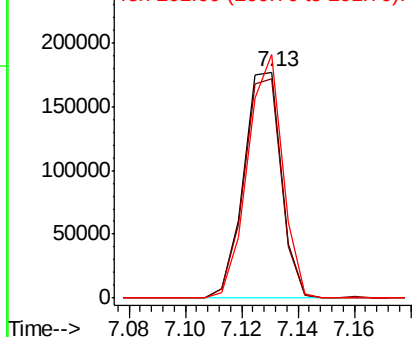


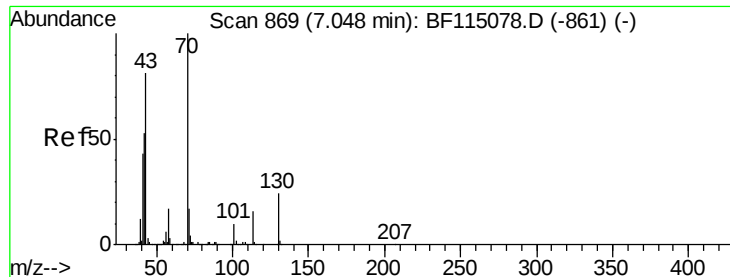
#18
Hexachloroethane
Concen: 19.974 ng
RT: 7.13 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115129.D
Acq: 22 Jun 2019 19:03

Tgt Ion:	117	Resp:	163966
Ion	Ratio	Lower	Upper
117	100		
119	96.9	76.6	114.8
201	107.8	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

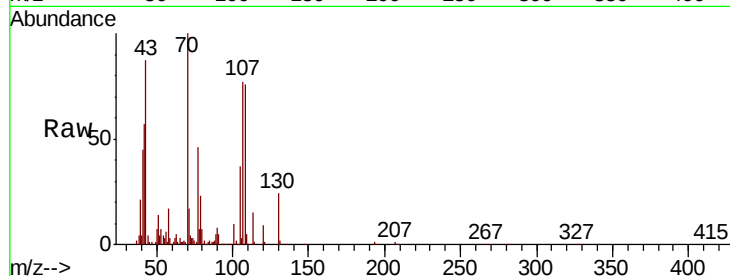




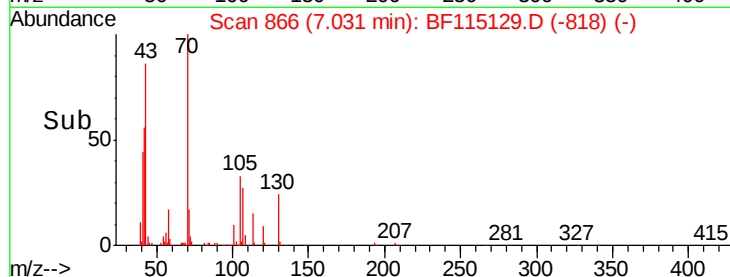
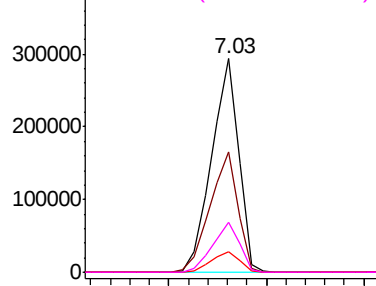
#19
n-Nitroso-di-n-propylamine
Concen: 20.045 ng
RT: 7.03 min Scan# 866
Delta R.T. -0.02 min
Lab File: BF115129.D
Acq: 22 Jun 2019 19:03

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

Tot Ion:	70	Resp:	283422
Ion	Ratio	Lower	Upper
70	100		
42	56.5	42.6	63.8
101	9.8	8.0	12.0
130	23.6	19.4	29.0



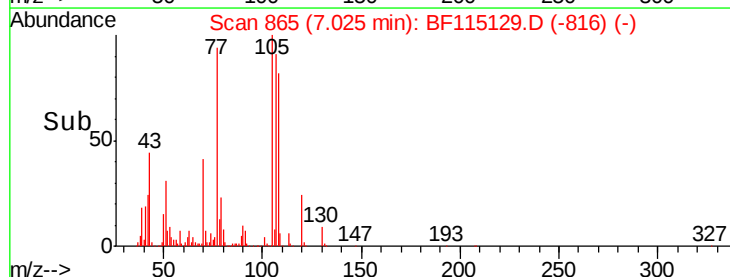
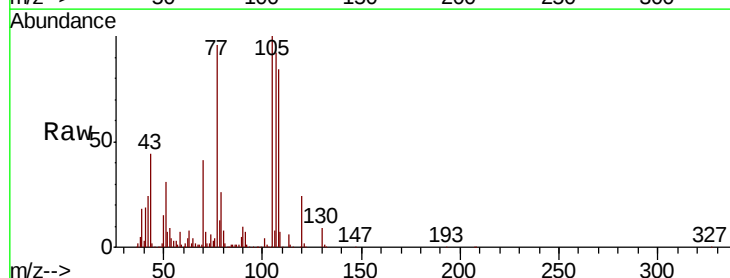
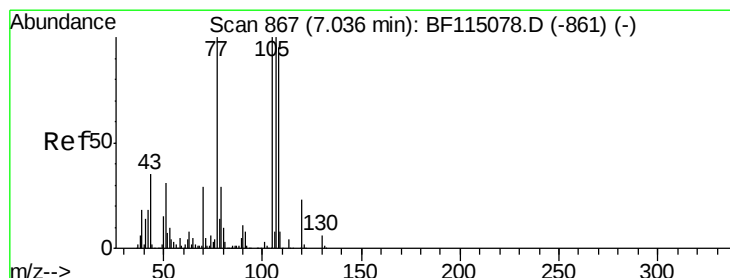
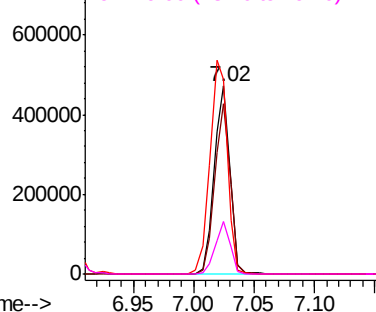
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

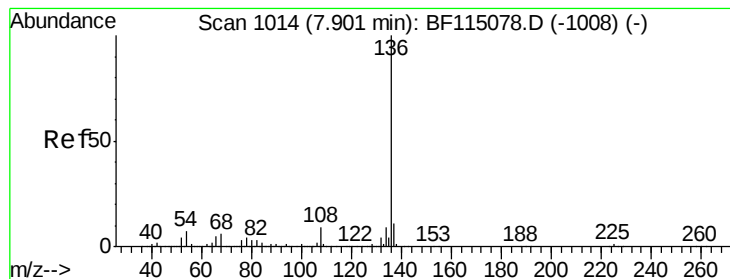


#20
3+4-Methylphenols
Concen: 21.994 ng
RT: 7.02 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF115129.D
Acq: 22 Jun 2019 19:03

Tgt Ion:	107	Resp:	428901
Ion	Ratio	Lower	Upper
107	100		
108	91.0	75.5	115.5
77	103.7	80.2	120.2
79	27.8	9.5	49.5

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.90 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF115129.D

Acq: 22 Jun 2019 19:03

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MS

Tot Ion:136 Resp: 1088756

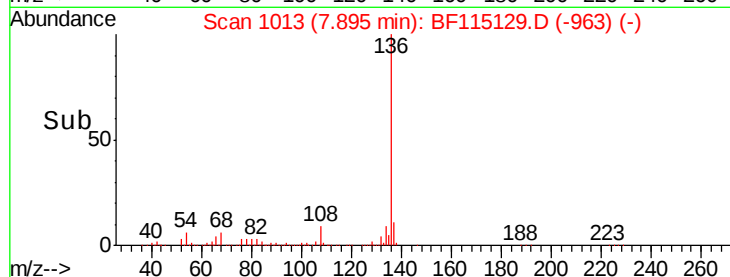
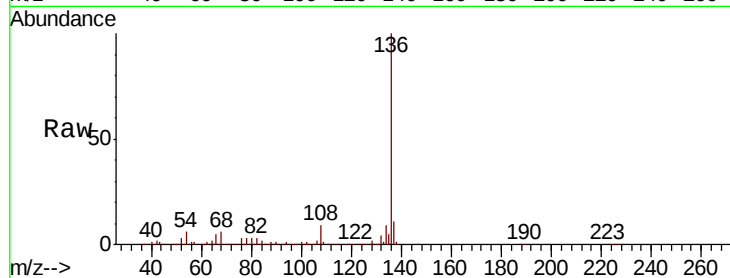
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.5 5.6 8.4

68 5.6 4.8 7.2

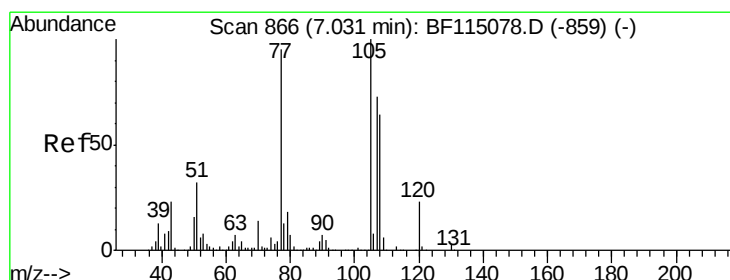
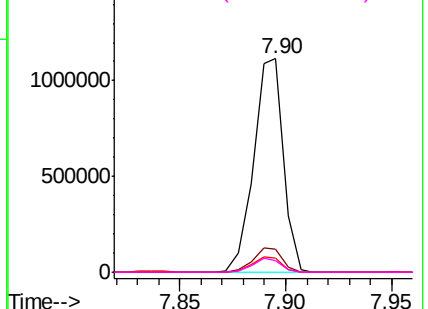


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 23.055 ng

RT: 7.02 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF115129.D

Acq: 22 Jun 2019 19:03

Tgt Ion:105 Resp: 574646

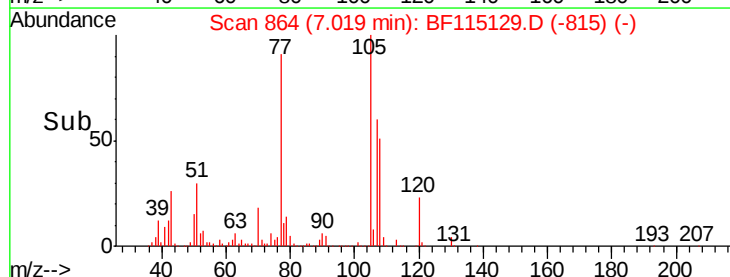
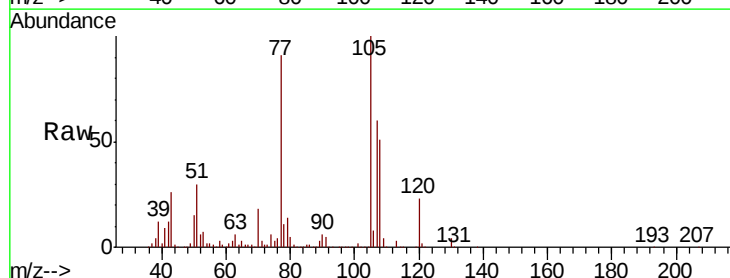
Ion Ratio Lower Upper

105 100

71 3.1 1.9 2.9#

51 30.4 25.8 38.8

120 23.3 18.5 27.7

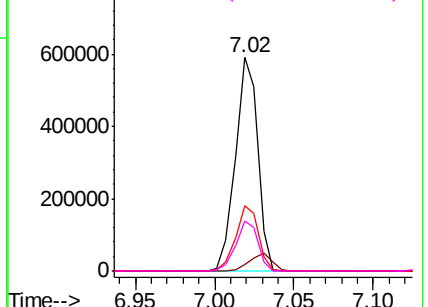


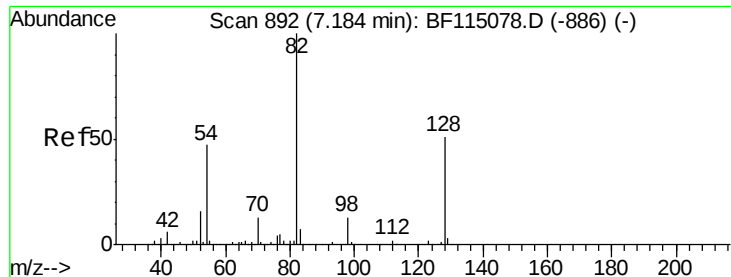
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

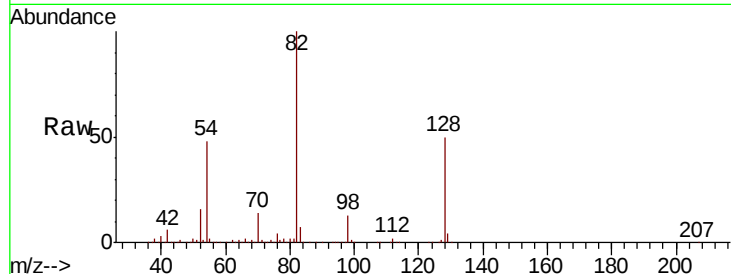




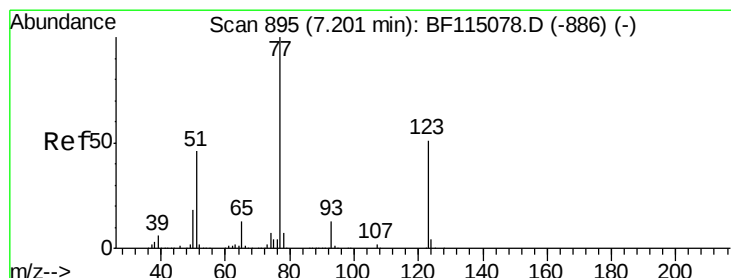
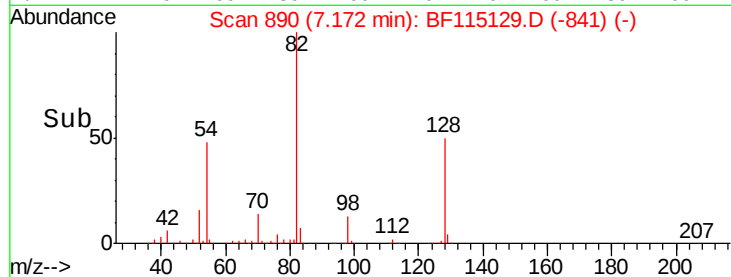
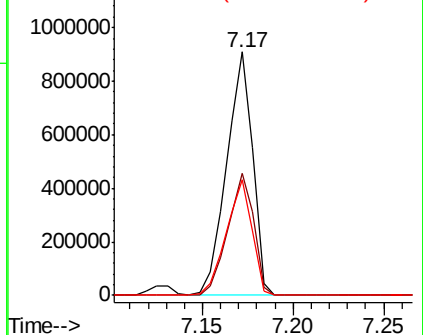
#23
Nitrobenzene-d5
Concen: 51.260 ng
RT: 7.17 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF115129.D
Acq: 22 Jun 2019 19:03

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

Tot Ion	82	Resp	907239
Ion Ratio	Lower	Upper	
82	100		
128	50.0	40.4	60.6
54	47.7	37.5	56.3

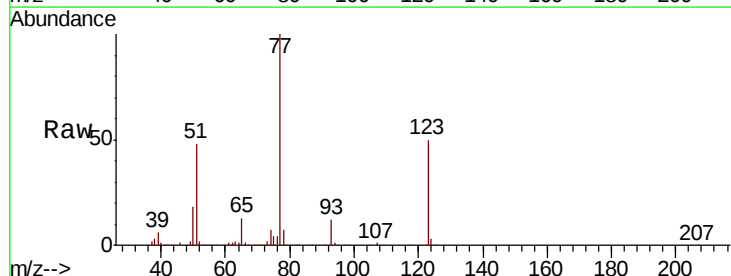


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

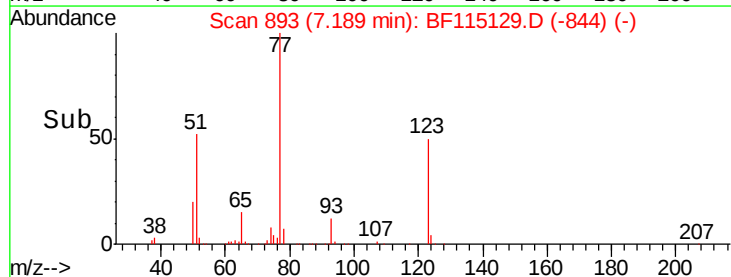
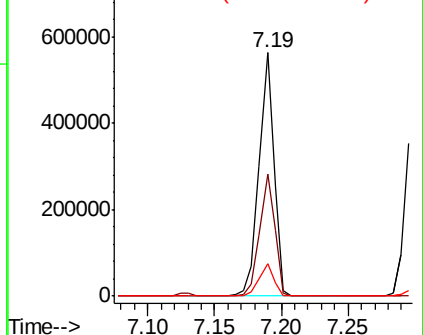


#24
Nitrobenzene
Concen: 22.123 ng
RT: 7.19 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF115129.D
Acq: 22 Jun 2019 19:03

Tgt Ion	77	Resp	431367
Ion Ratio	Lower	Upper	
77	100		
123	49.9	41.0	61.6
65	13.2	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: 21.488 ng

RT: 7.44 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF115129.D

Acq: 22 Jun 2019 19:03

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MS

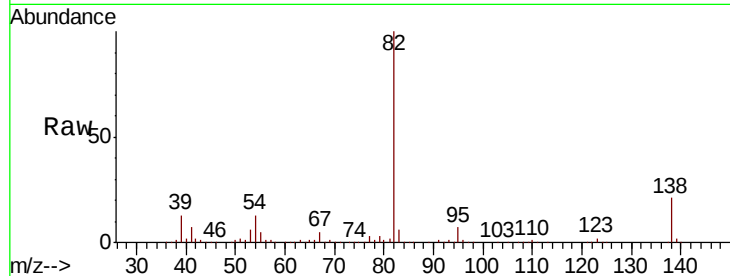
Tot Ion: 82 Resp: 779086

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.2

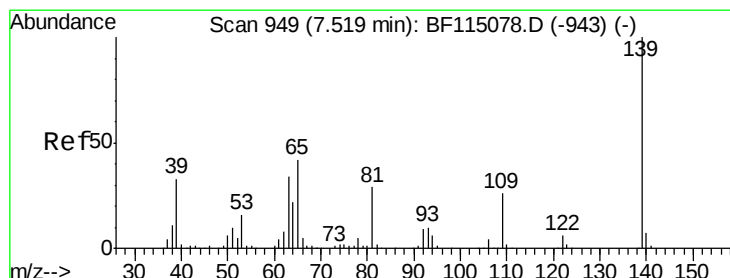
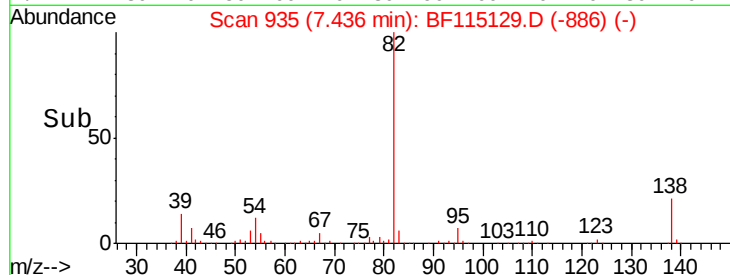
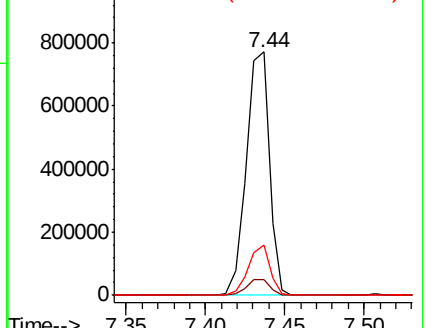
138 20.6 15.9 23.9



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: 22.509 ng

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF115129.D

Acq: 22 Jun 2019 19:03

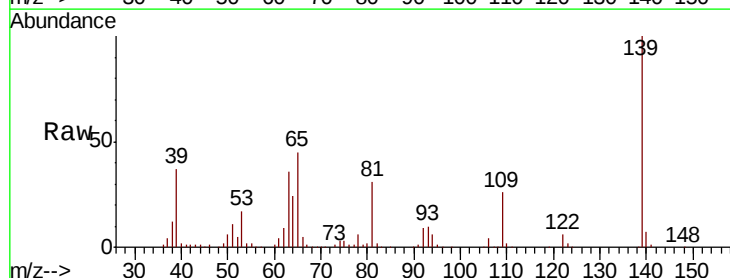
Tgt Ion: 139 Resp: 216748

Ion Ratio Lower Upper

139 100

109 26.2 20.4 30.6

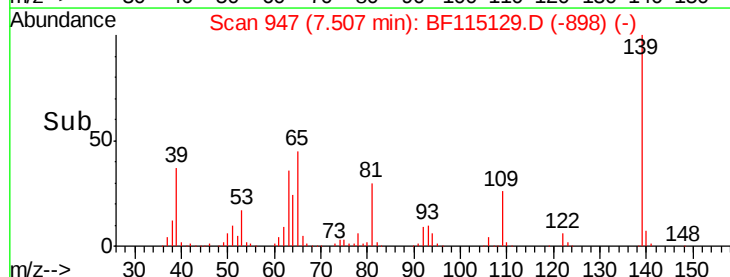
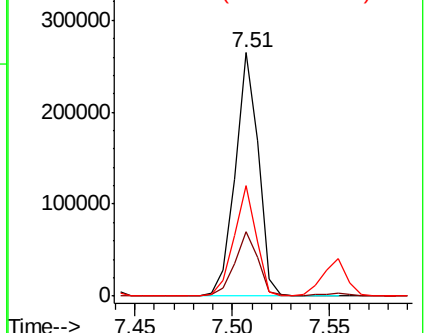
65 45.3 33.6 50.4

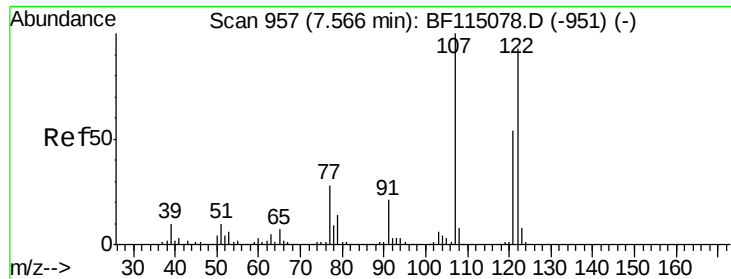


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

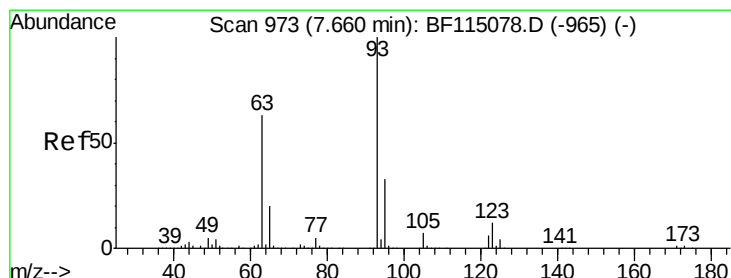
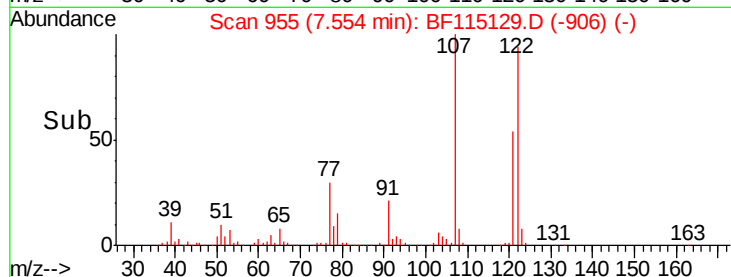
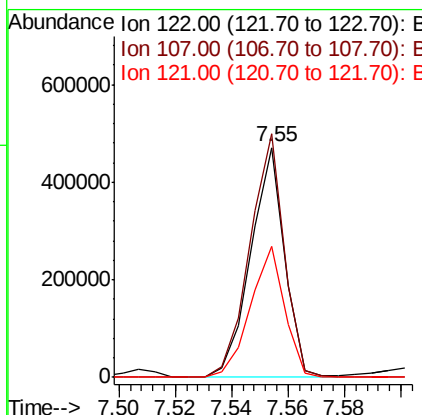
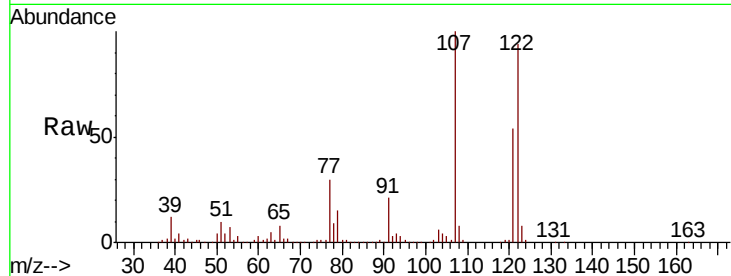




#27
2,4-Dimethylphenol
Concen: 24.971 ng
RT: 7.55 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF115129.D
Acq: 22 Jun 2019 19:03

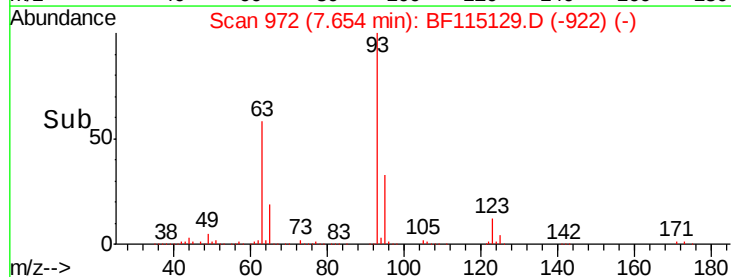
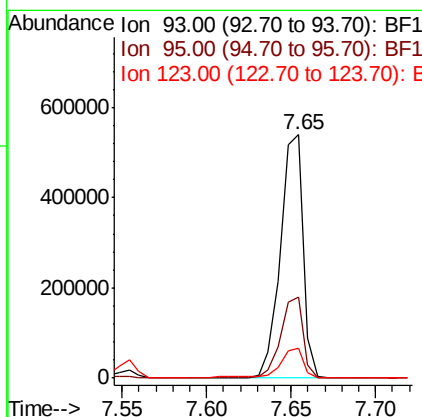
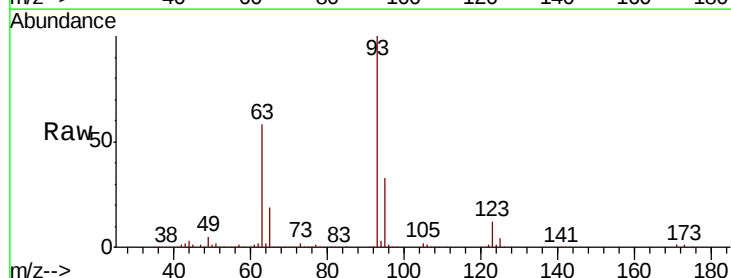
Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	106.0	85.8	128.6
121	57.3	46.3	69.5



#28
bis(2-Chloroethoxy)methane
Concen: 22.002 ng
RT: 7.65 min Scan# 972
Delta R.T. -0.01 min
Lab File: BF115129.D
Acq: 22 Jun 2019 19:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.2	39.4
123	12.3	9.7	14.5





#29

2,4-Dichlorophenol

Concen: 21.988 ng

RT: 7.75 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF115129.D

Acq: 22 Jun 2019 19:03

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MS

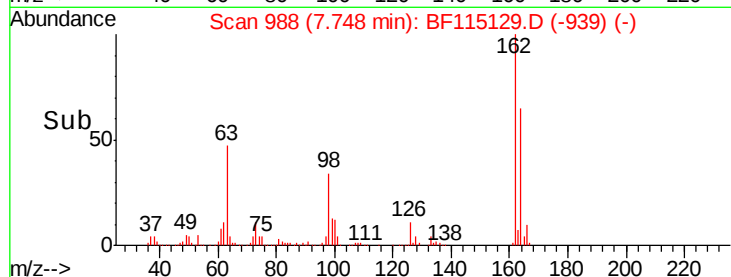
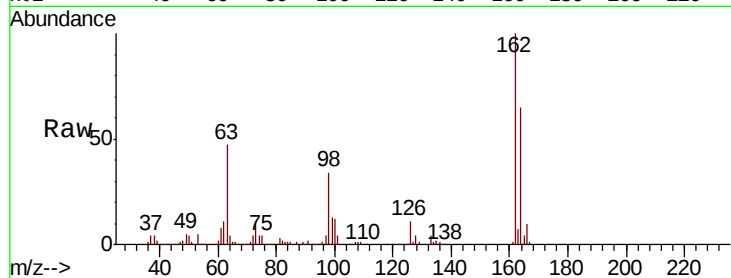
Tot Ion:162 Resp: 357745

Ion Ratio Lower Upper

162 100

164 64.9 45.3 85.3

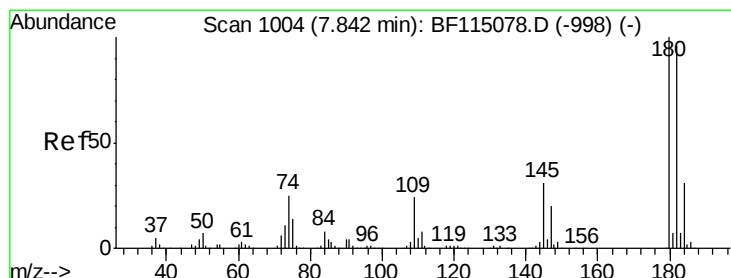
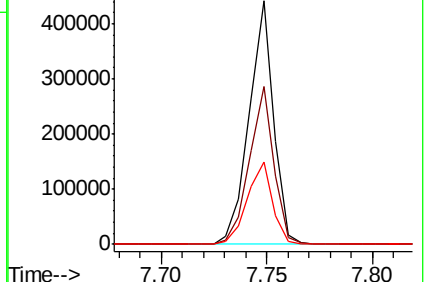
98 34.1 12.5 52.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 21.888 ng

RT: 7.84 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF115129.D

Acq: 22 Jun 2019 19:03

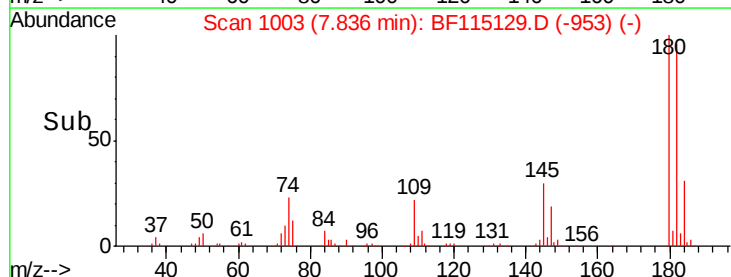
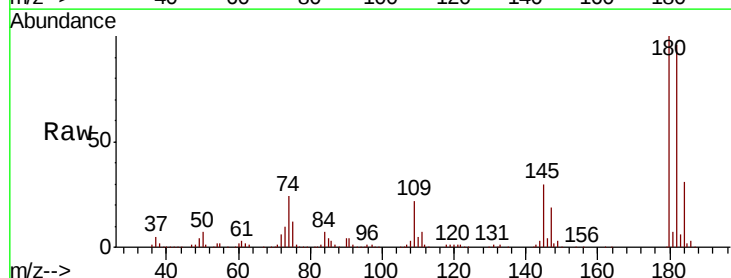
Tgt Ion:180 Resp: 393362

Ion Ratio Lower Upper

180 100

182 95.5 76.4 114.6

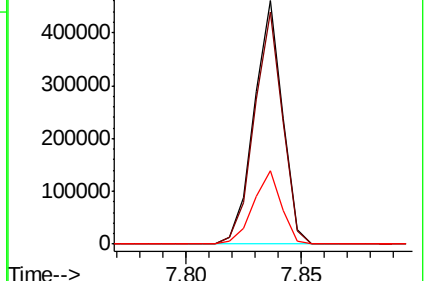
145 30.0 24.8 37.2

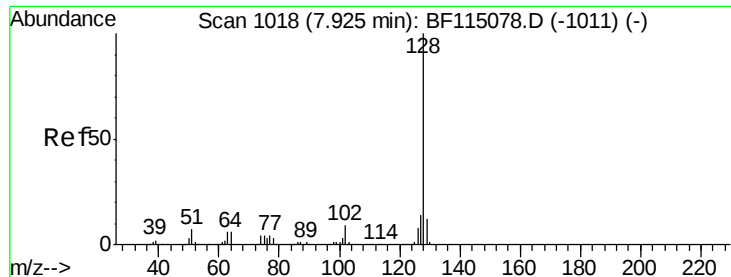


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

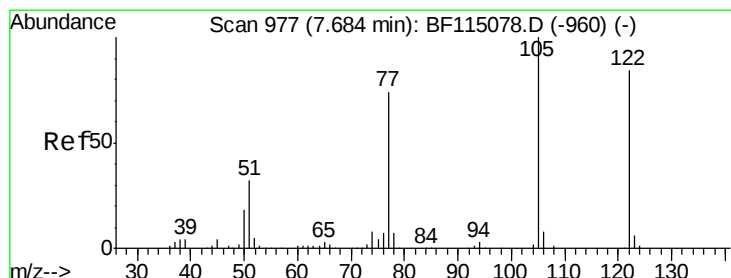
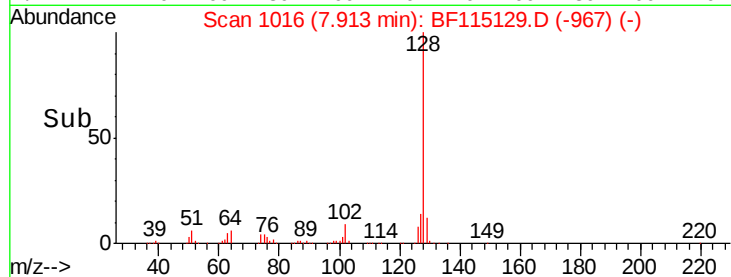
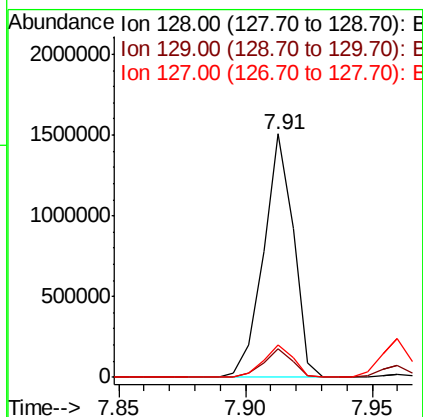
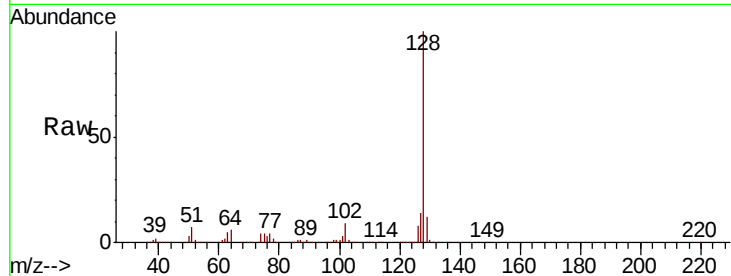




#31
Naphthalene
Concen: 23.291 ng
RT: 7.91 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF115129.D
Acq: 22 Jun 2019 19:03

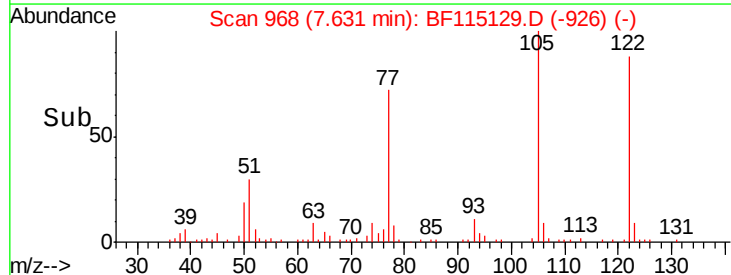
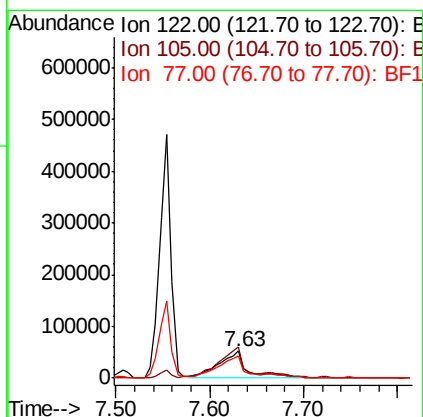
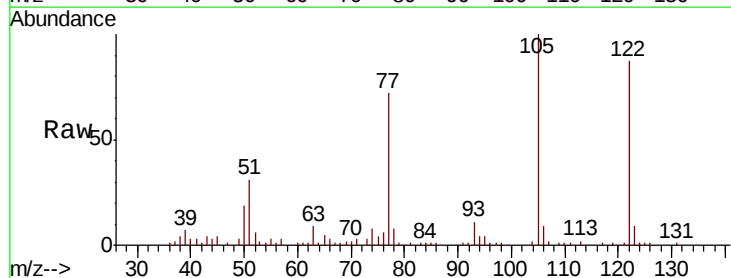
Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

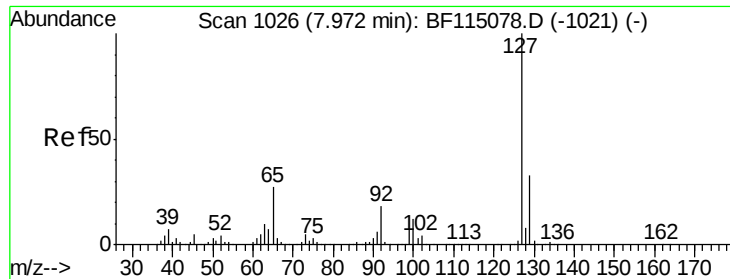
Tot Ion:128 Resp: 1244755
Ion Ratio Lower Upper
128 100
129 11.7 9.6 14.4
127 13.6 11.4 17.0



#32
Benzoic acid
Concen: 9.696 ng
RT: 7.63 min Scan# 968
Delta R.T. -0.05 min
Lab File: BF115129.D
Acq: 22 Jun 2019 19:03

Tgt Ion:122 Resp: 109120
Ion Ratio Lower Upper
122 100
105 114.4 98.2 138.2
77 82.8 67.0 107.0

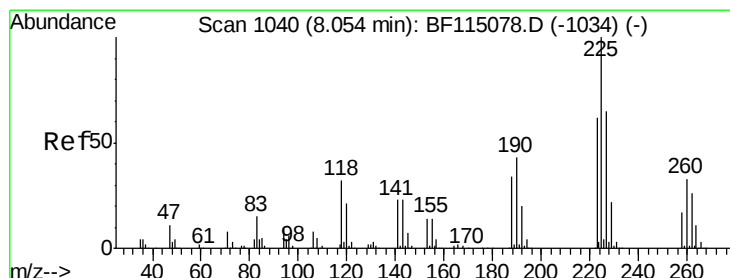
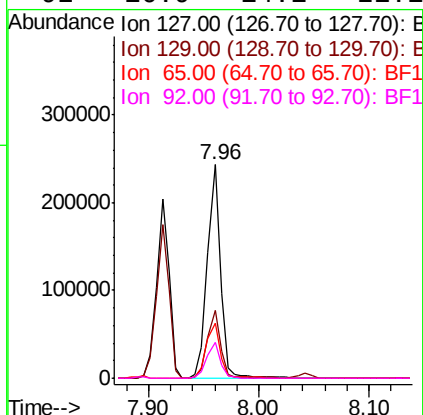
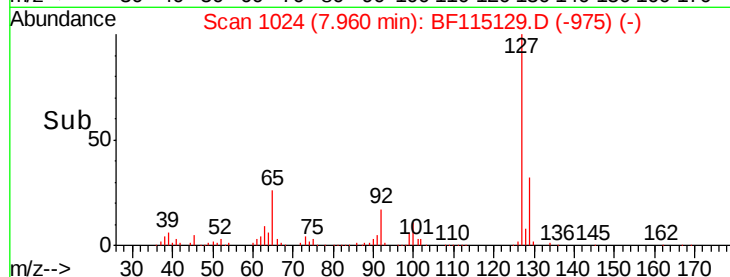
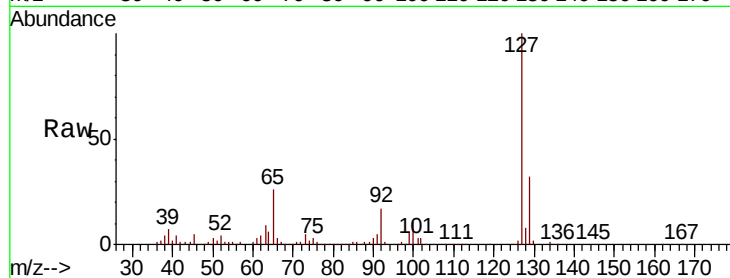




#33
4-Chloroaniline
Concen: 8.014 ng
RT: 7.96 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF115129.D
Acq: 22 Jun 2019 19:03

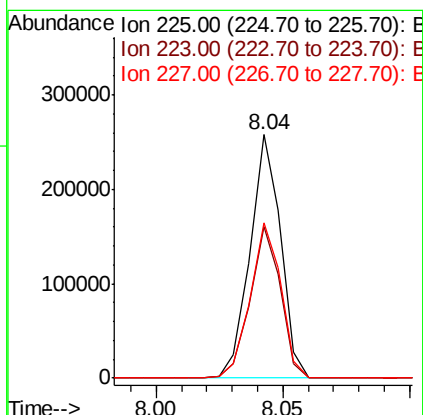
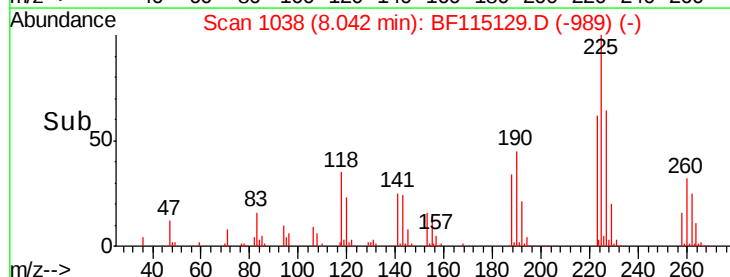
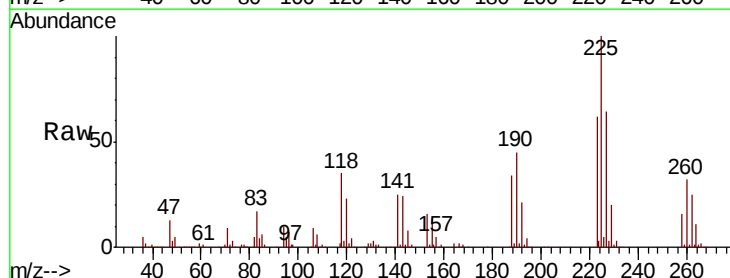
Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

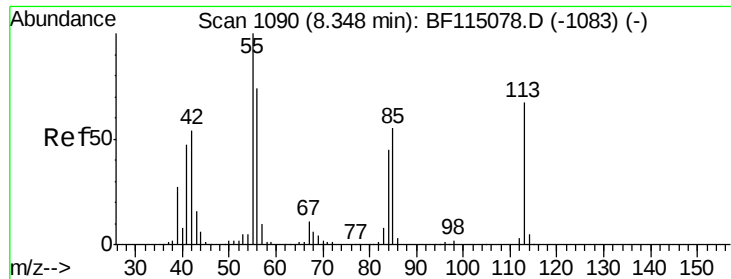
Tot Ion:	127	Resp:	195733
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.1	39.1
65	25.7	21.4	32.2
92	16.9	14.1	21.1



#34
Hexachlorobutadiene
Concen: 21.921 ng
RT: 8.04 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF115129.D
Acq: 22 Jun 2019 19:03

Tgt Ion:	225	Resp:	215895
Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.4	74.2
227	64.0	51.8	77.8

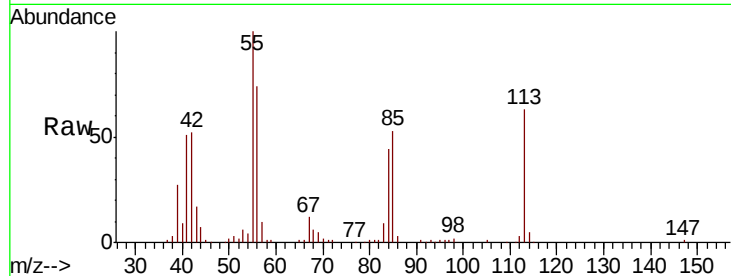




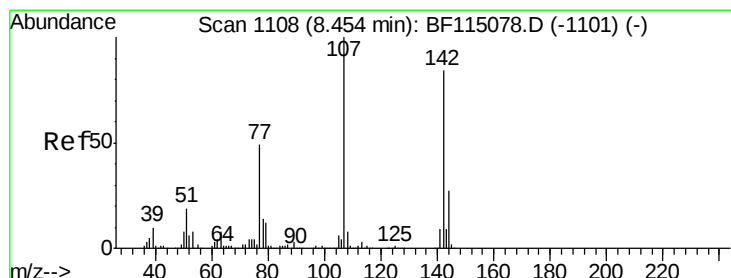
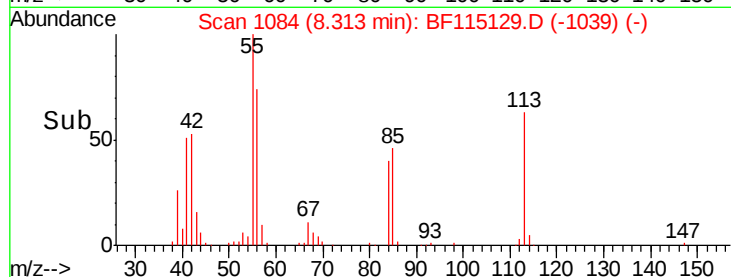
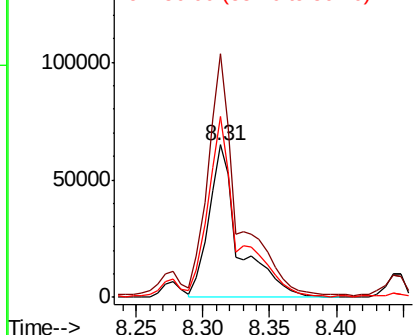
#35
 Caprolactam
 Concen: 18.762 ng
 RT: 8.31 min Scan# 1084
 Delta R.T. -0.04 min
 Lab File: BF115129.D
 Acq: 22 Jun 2019 19:03

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4MS

Tot Ion:113 Resp: 102631
 Ion Ratio Lower Upper
 113 100
 55 159.5 130.2 170.2
 56 118.3 91.6 131.6

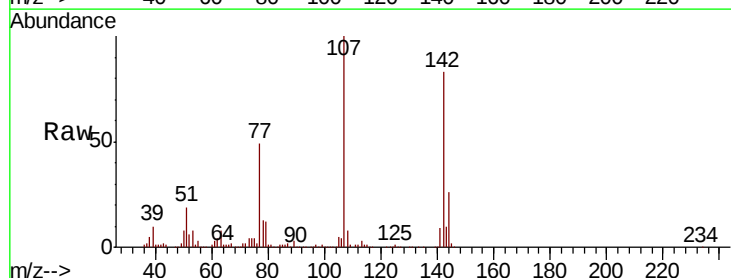


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

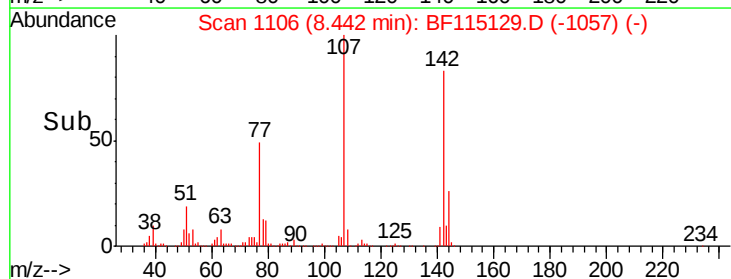
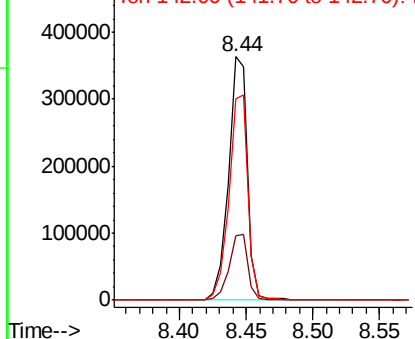


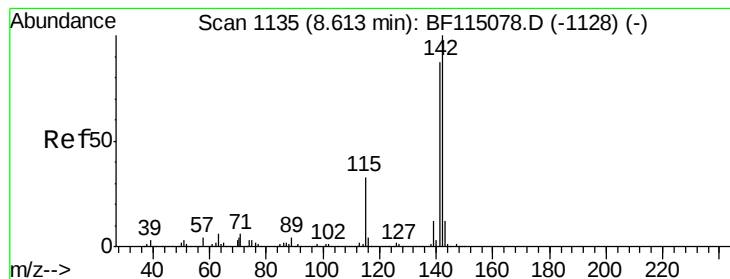
#36
 4-Chloro-3-methylphenol
 Concen: 22.064 ng
 RT: 8.44 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: BF115129.D
 Acq: 22 Jun 2019 19:03

Tgt Ion:107 Resp: 363563
 Ion Ratio Lower Upper
 107 100
 144 26.5 21.7 32.5
 142 82.5 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: 23.415 ng

RT: 8.60 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BF115129.D

Acq: 22 Jun 2019 19:03

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MS

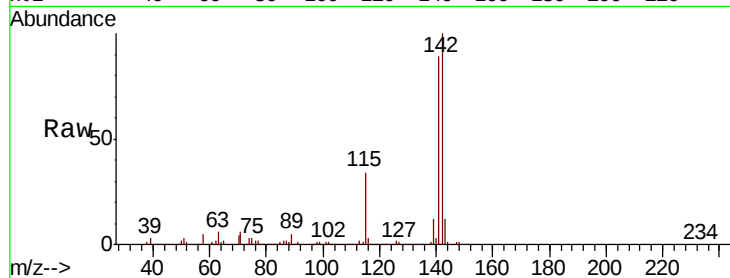
Tot Ion:142 Resp: 843753

Ion Ratio Lower Upper

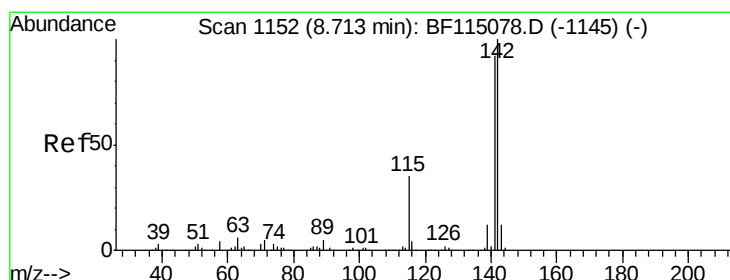
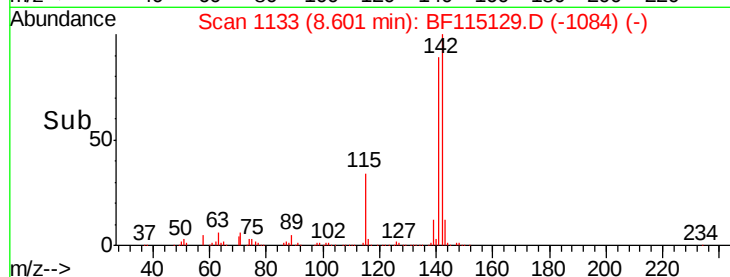
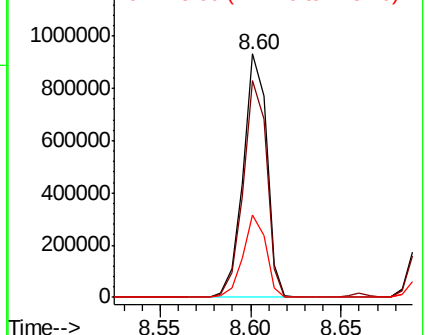
142 100

141 89.0 69.8 104.6

115 33.6 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: 23.071 ng

RT: 8.70 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF115129.D

Acq: 22 Jun 2019 19:03

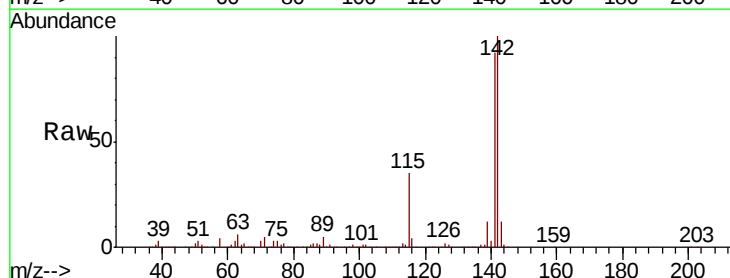
Tgt Ion:142 Resp: 794020

Ion Ratio Lower Upper

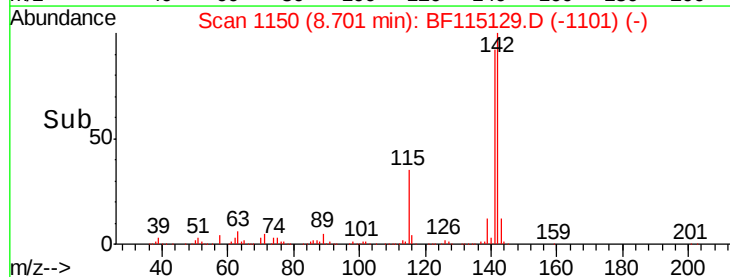
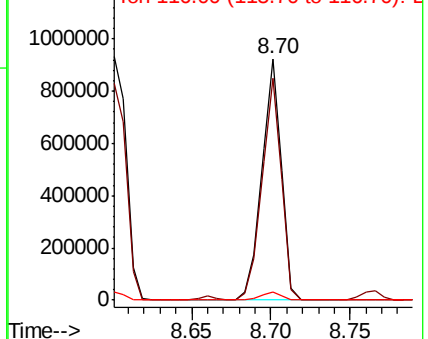
142 100

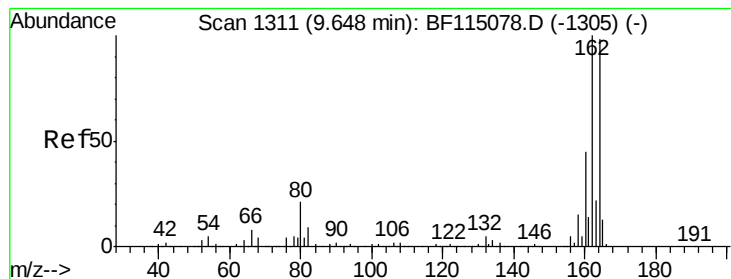
141 91.9 73.8 110.8

116 3.6 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: 9.64 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF115129.D

Acq: 22 Jun 2019 19:03

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MS

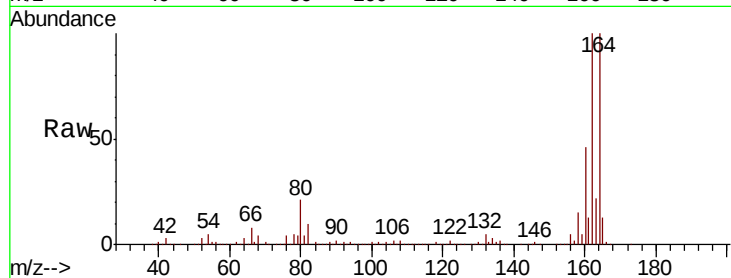
Tot Ion:164 Resp: 533454

Ion Ratio Lower Upper

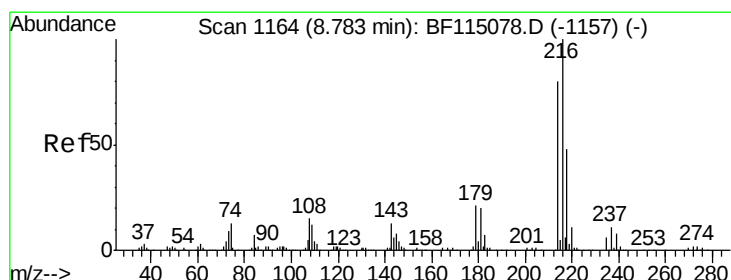
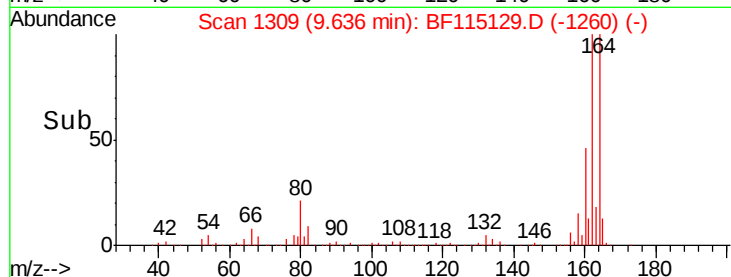
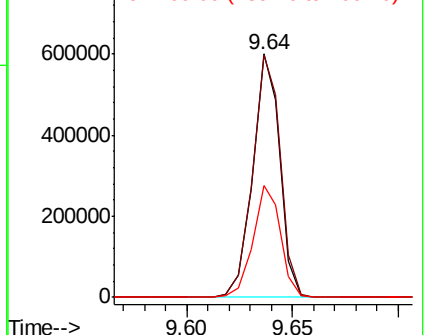
164 100

162 99.7 81.7 122.5

160 45.8 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: 24.165 ng

RT: 8.77 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF115129.D

Acq: 22 Jun 2019 19:03

Tgt Ion:216 Resp: 364272

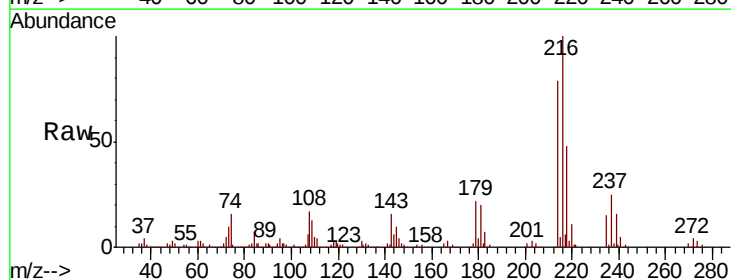
Ion Ratio Lower Upper

216 100

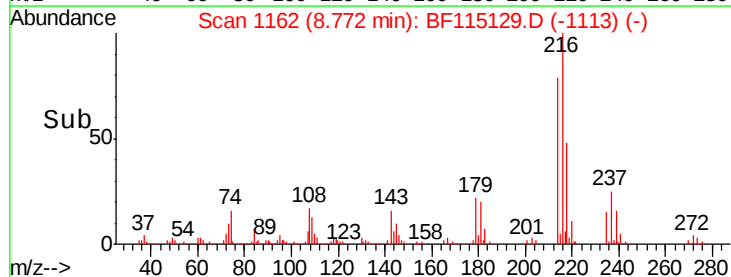
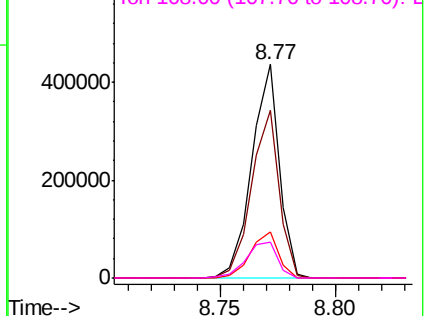
214 78.9 63.8 95.6

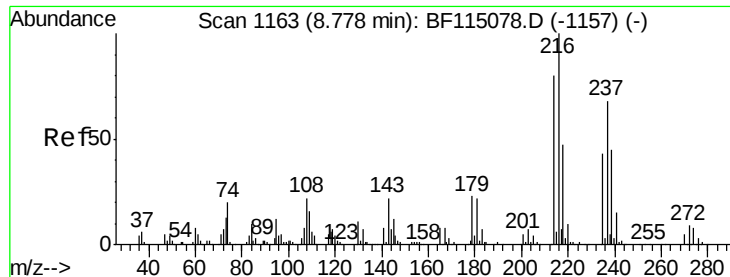
179 21.7 17.6 26.4

108 19.5 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: 28.513 ng

RT: 8.77 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BF115129.D

Acq: 22 Jun 2019 19:03

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MS

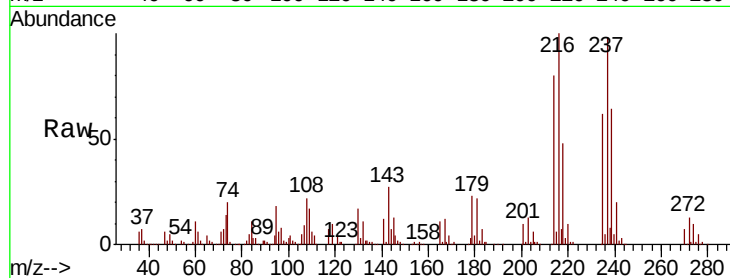
Tot Ion:237 Resp: 254871

Ion Ratio Lower Upper

237 100

235 63.4 43.9 83.9

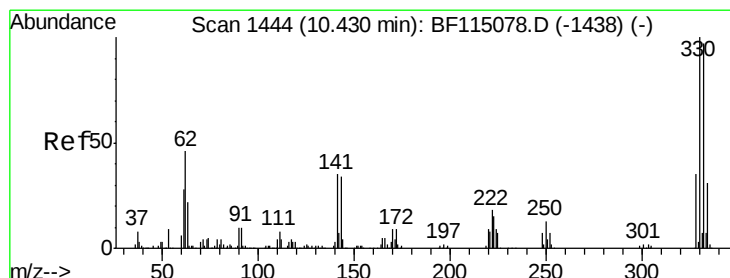
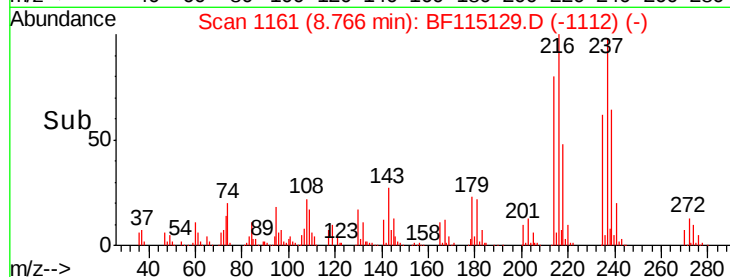
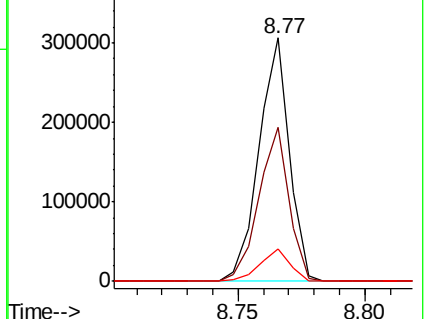
272 13.1 0.0 33.8



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: 68.739 ng

RT: 10.42 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF115129.D

Acq: 22 Jun 2019 19:03

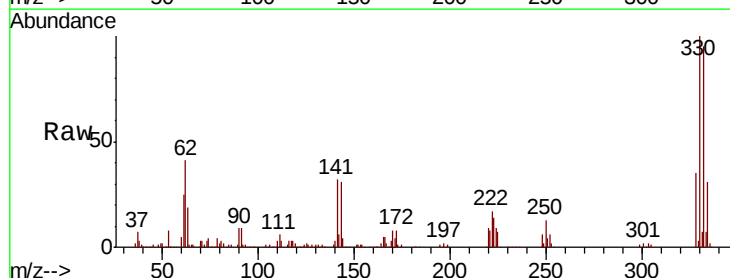
Tgt Ion:330 Resp: 386691

Ion Ratio Lower Upper

330 100

332 95.4 77.3 115.9

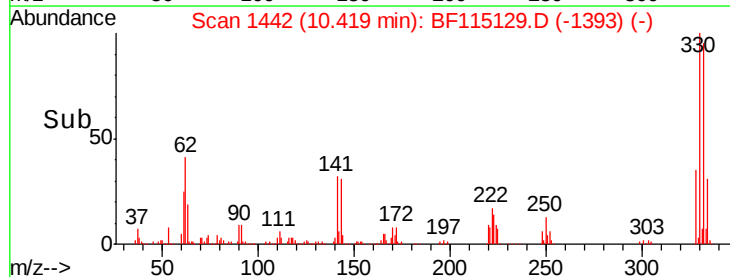
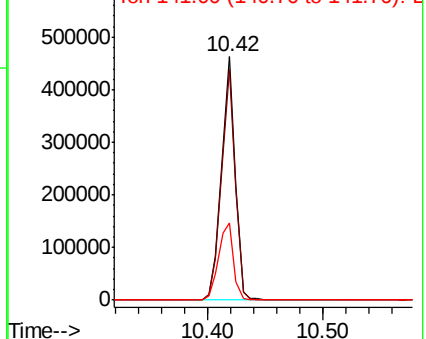
141 34.1 28.2 42.2



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

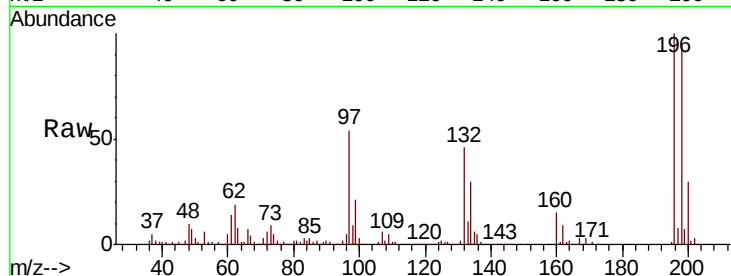




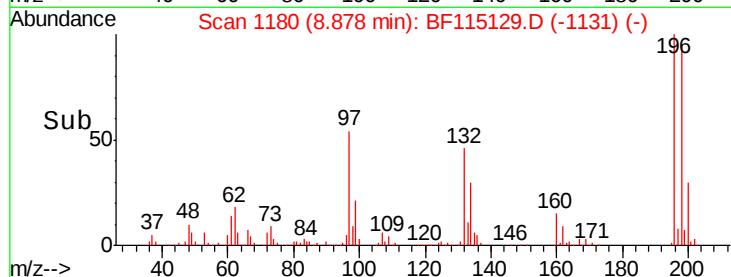
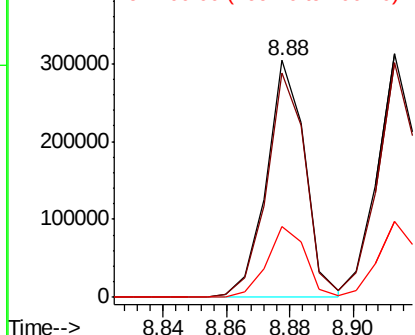
#43
 2,4,6-Trichlorophenol
 Concen: 22.020 ng
 RT: 8.88 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF115129.D
 Acq: 22 Jun 2019 19:03

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4MS

Tot Ion:196 Resp: 256273
 Ion Ratio Lower Upper
 196 100
 198 94.8 76.3 114.5
 200 29.9 24.2 36.4



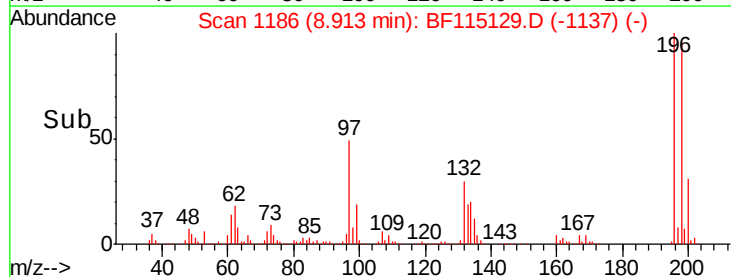
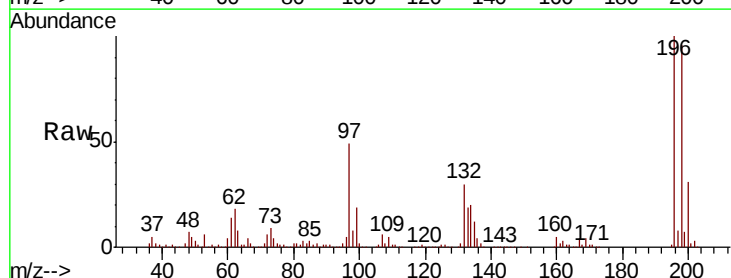
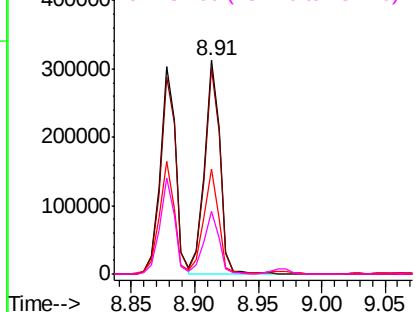
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

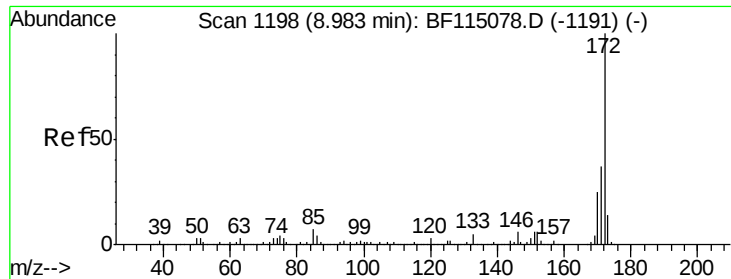


#44
 2,4,5-Trichlorophenol
 Concen: 22.028 ng
 RT: 8.91 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF115129.D
 Acq: 22 Jun 2019 19:03

Tgt Ion:196 Resp: 264008
 Ion Ratio Lower Upper
 196 100
 198 96.3 77.1 115.7
 97 49.3 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

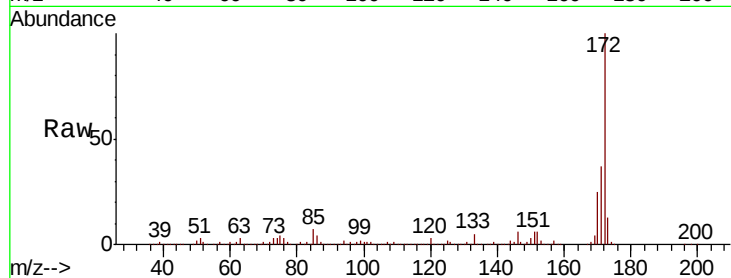




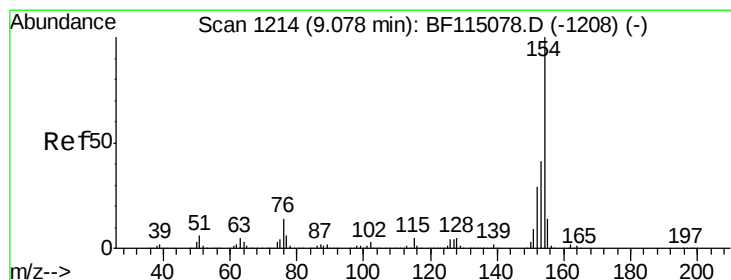
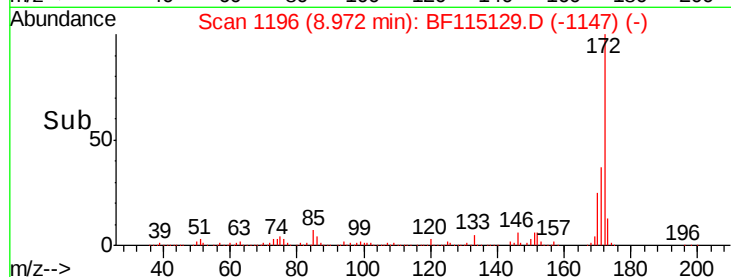
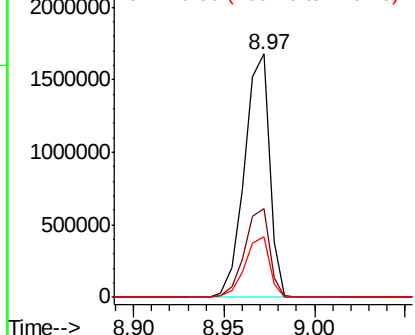
#45
2-Fluorobiphenyl
Concen: 51.422 ng
RT: 8.97 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF115129.D
Acq: 22 Jun 2019 19:03

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

Tot Ion:172 Resp: 1614924
Ion Ratio Lower Upper
172 100
171 36.7 29.8 44.6
170 24.9 20.3 30.5

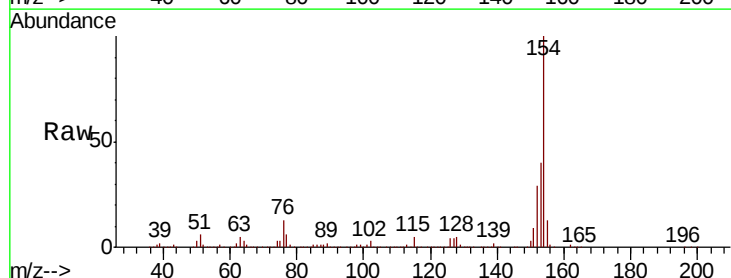


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

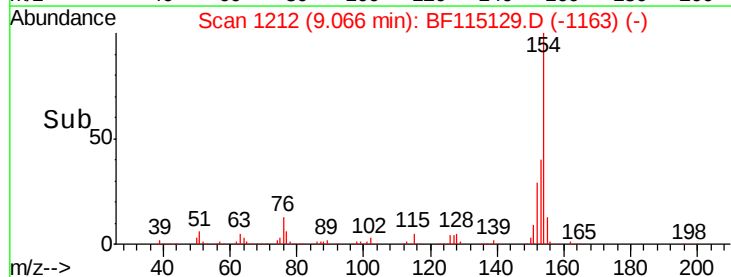
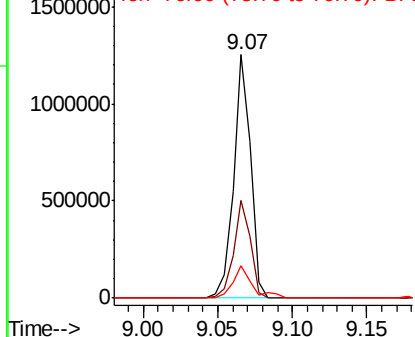


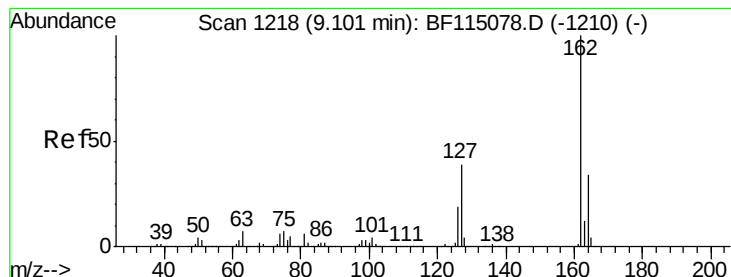
#46
1,1'-Biphenyl
Concen: 23.467 ng
RT: 9.07 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF115129.D
Acq: 22 Jun 2019 19:03

Tgt Ion:154 Resp: 1001642
Ion Ratio Lower Upper
154 100
153 40.1 20.9 60.9
76 13.4 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: 22.797 ng

RT: 9.09 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF115129.D

Acq: 22 Jun 2019 19:03

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MS

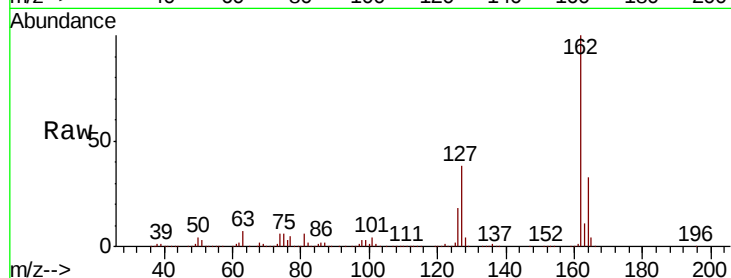
Tot Ion:162 Resp: 789312

Ion Ratio Lower Upper

162 100

127 37.8 30.8 46.2

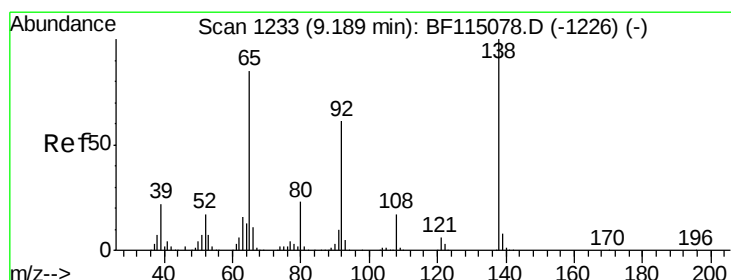
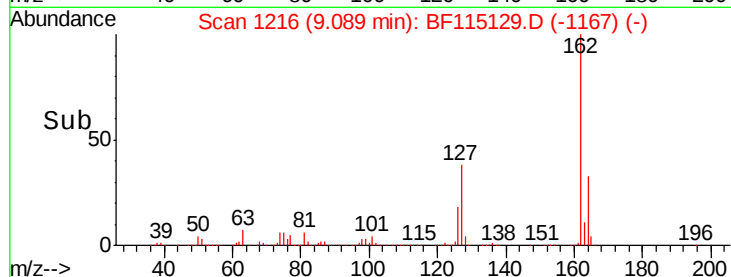
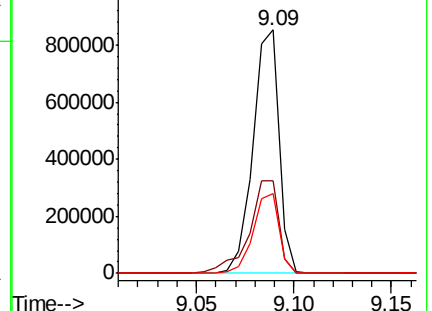
164 33.0 27.0 40.4



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: 21.780 ng

RT: 9.18 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BF115129.D

Acq: 22 Jun 2019 19:03

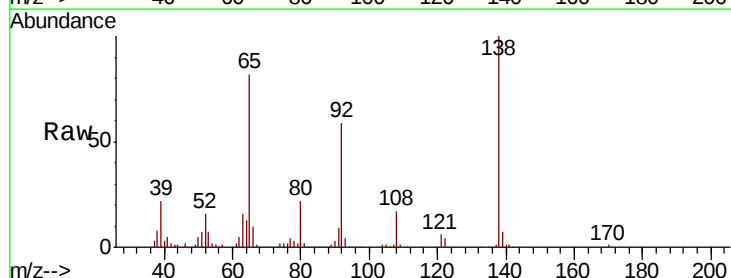
Tgt Ion: 65 Resp: 219850

Ion Ratio Lower Upper

65 100

92 72.3 57.4 86.2

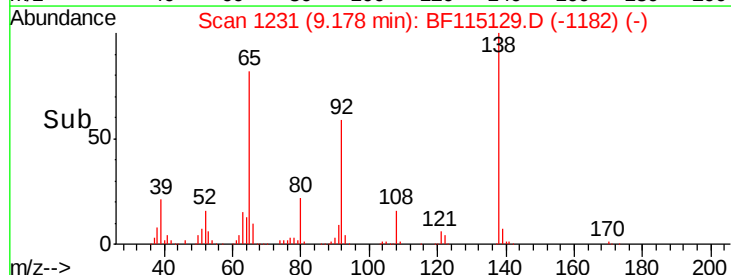
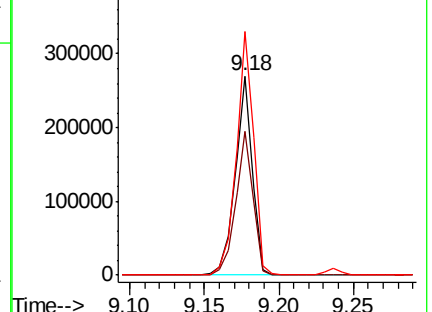
138 122.4 94.1 141.1

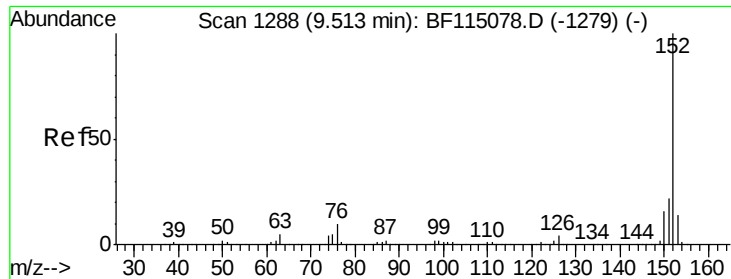


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 23.177 ng

RT: 9.50 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BF115129.D

Acq: 22 Jun 2019 19:03

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MS

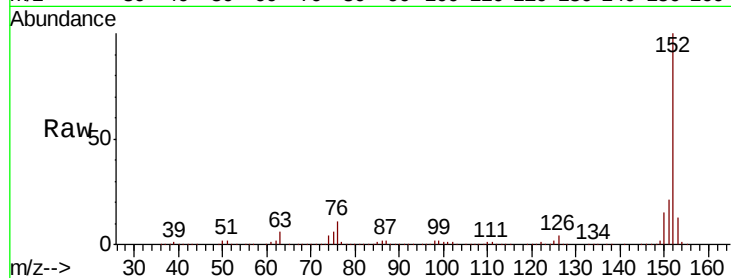
Tot Ion:152 Resp: 1250289

Ion Ratio Lower Upper

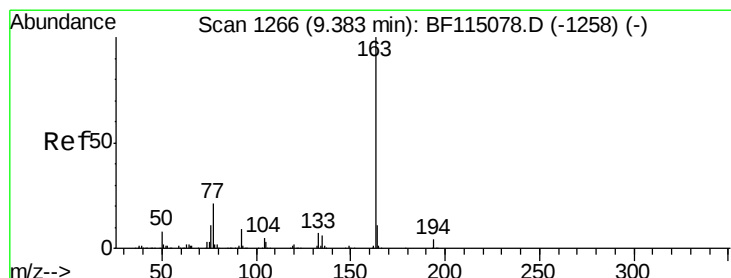
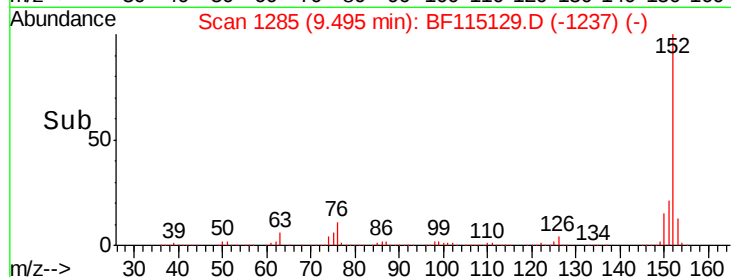
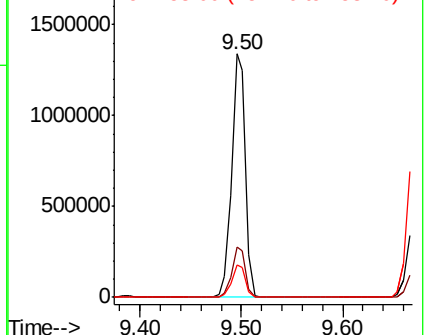
152 100

151 20.8 17.2 25.8

153 13.4 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: 28.538 ng

RT: 9.37 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BF115129.D

Acq: 22 Jun 2019 19:03

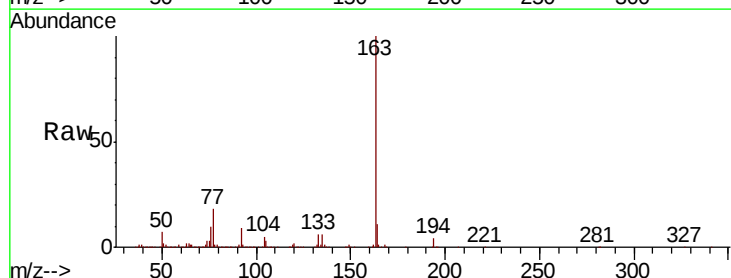
Tgt Ion:163 Resp: 1120057

Ion Ratio Lower Upper

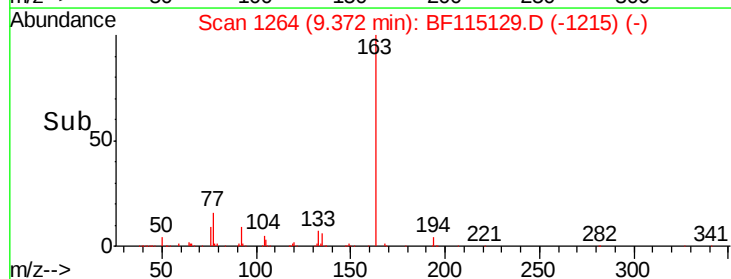
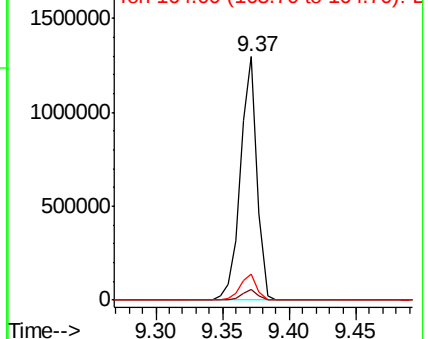
163 100

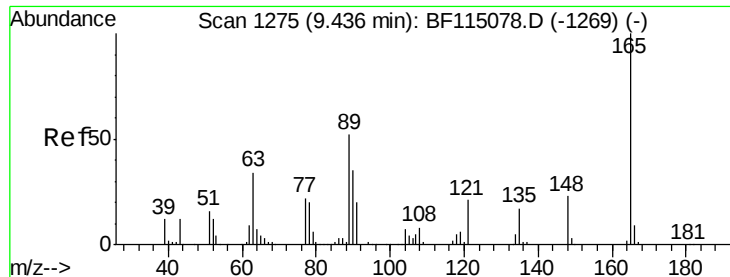
194 4.1 3.2 4.8

164 10.6 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: 22.300 ng

RT: 9.42 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF115129.D

Acq: 22 Jun 2019 19:03

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MS

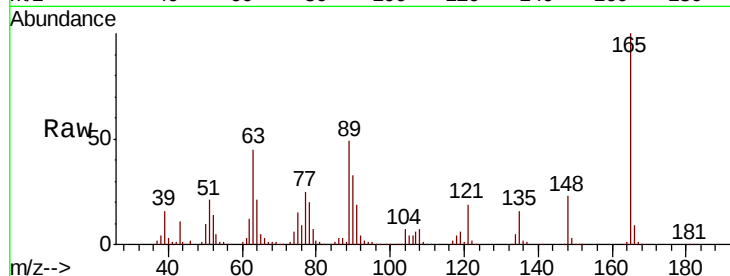
Tot Ion:165 Resp: 202059

Ion Ratio Lower Upper

165 100

63 45.3 39.4 59.2

89 49.4 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

300000

250000

200000

150000

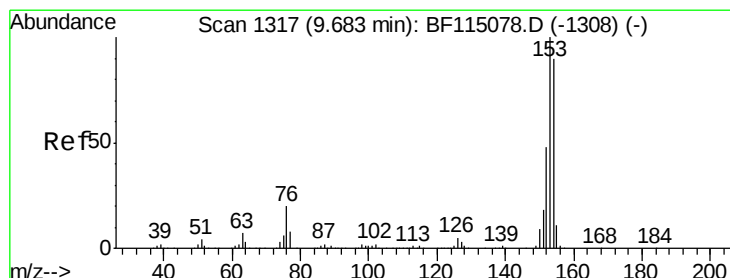
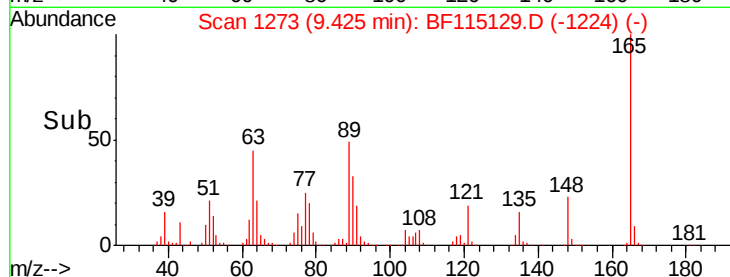
100000

50000

0

9.40 9.45

Time-->



#52

Acenaphthene

Concen: 22.430 ng

RT: 9.67 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF115129.D

Acq: 22 Jun 2019 19:03

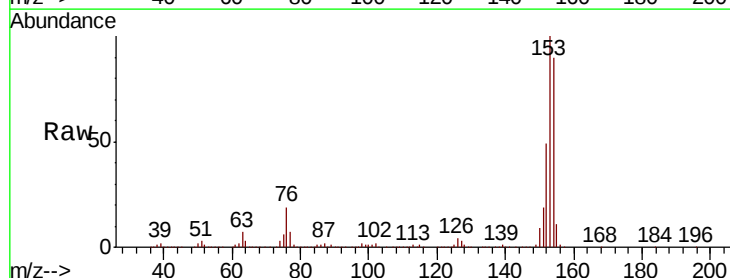
Tgt Ion:154 Resp: 757124

Ion Ratio Lower Upper

154 100

153 110.6 88.7 133.1

152 54.3 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

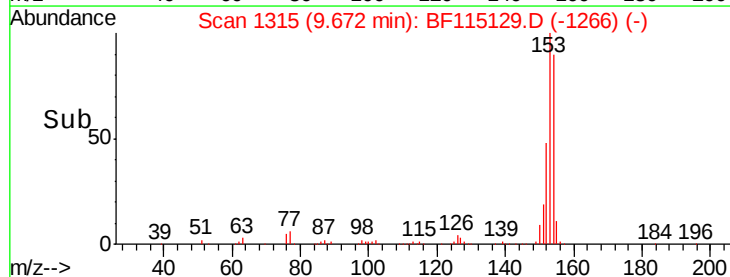
1000000

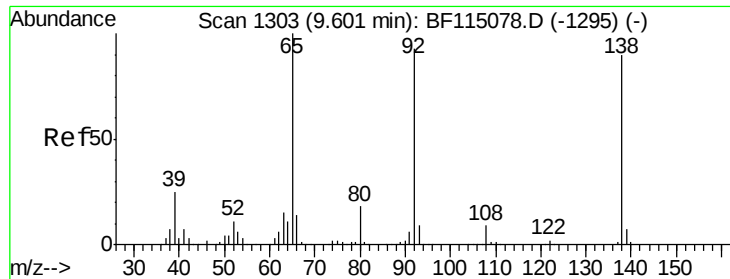
500000

0

9.60 9.65 9.70 9.75

Time-->

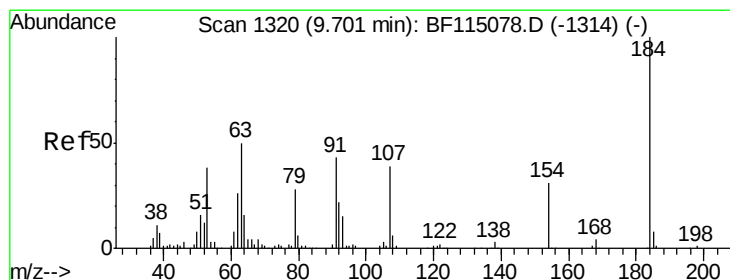
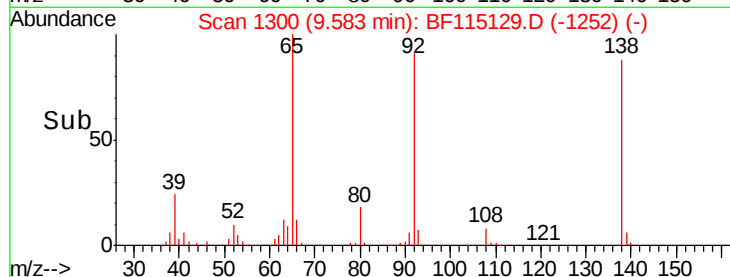
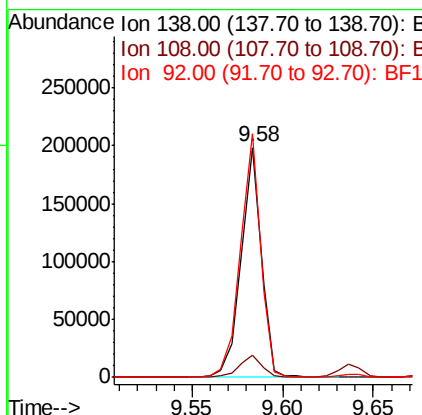
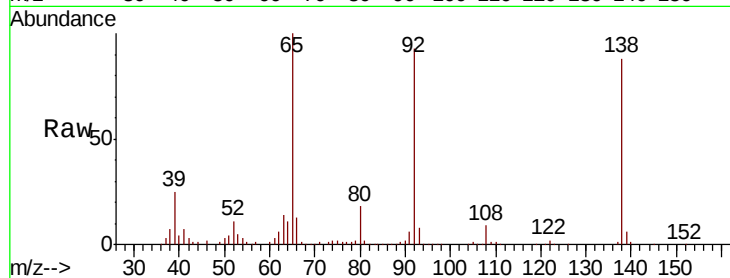




#53
 3-Nitroaniline
 Concen: 13.948 ng
 RT: 9.58 min Scan# 1300
 Delta R.T. -0.02 min
 Lab File: BF115129.D
 Acq: 22 Jun 2019 19:03

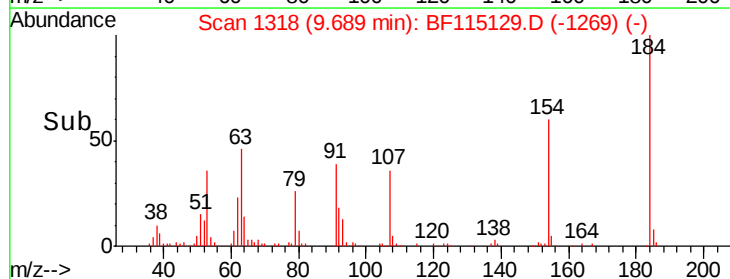
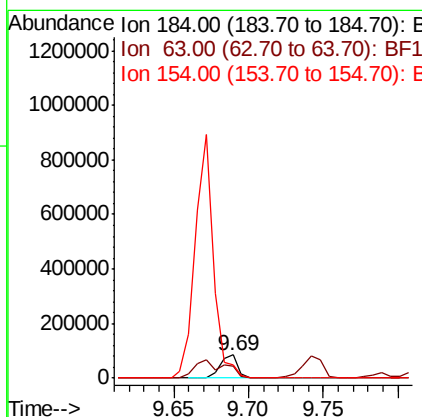
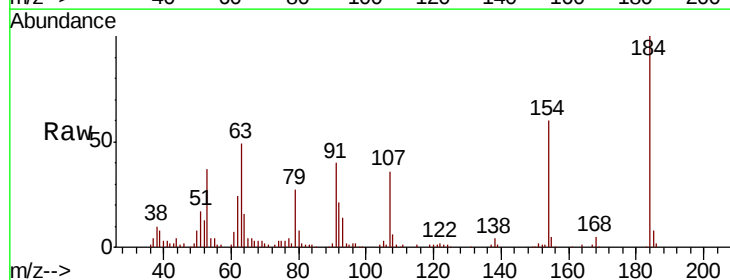
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4MS

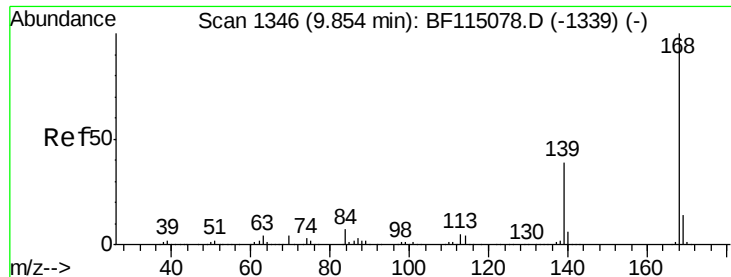
Tot Ion:138 Resp: 154229
 Ion Ratio Lower Upper
 138 100
 108 9.7 7.8 11.6
 92 105.8 82.9 124.3



#54
 2,4-Dinitrophenol
 Concen: 21.172 ng
 RT: 9.69 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF115129.D
 Acq: 22 Jun 2019 19:03

Tgt Ion:184 Resp: 70990
 Ion Ratio Lower Upper
 184 100
 63 49.5 41.9 62.9
 154 59.7 44.7 67.1

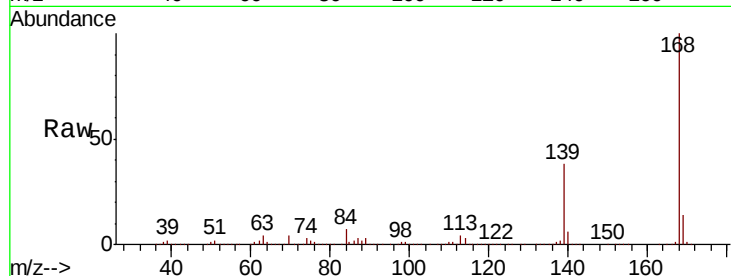




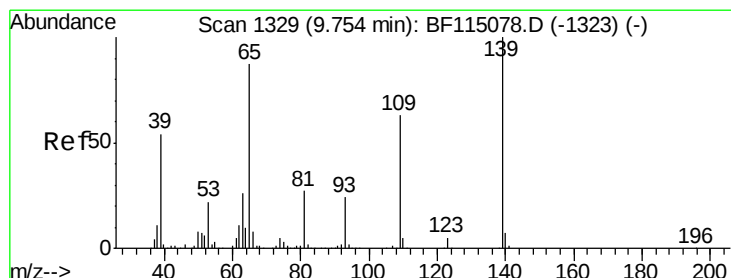
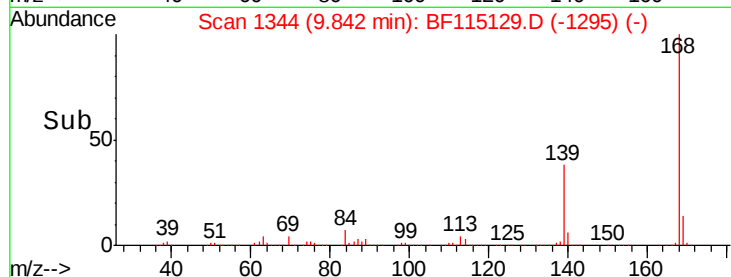
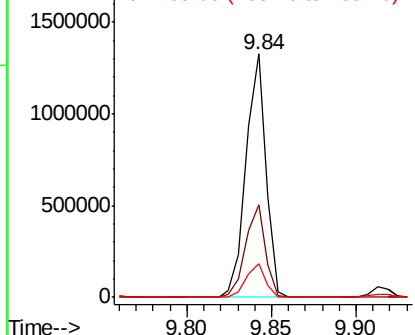
#55
Dibenzofuran
Concen: 22.710 ng
RT: 9.84 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF115129.D
Acq: 22 Jun 2019 19:03

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

Tot Ion:168 Resp: 1100278
Ion Ratio Lower Upper
168 100
139 38.1 31.1 46.7
169 13.8 11.3 16.9

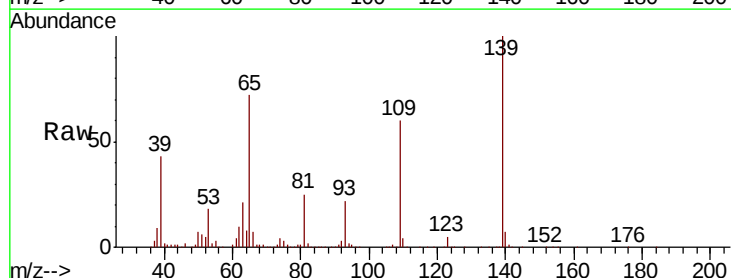


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

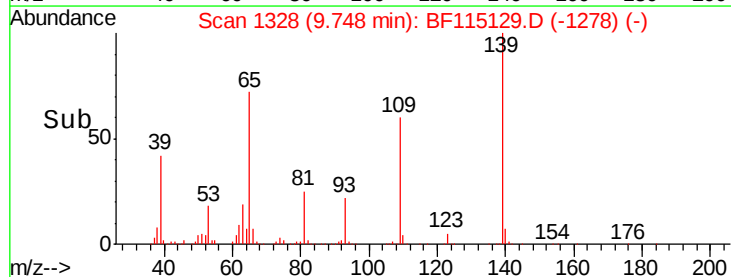
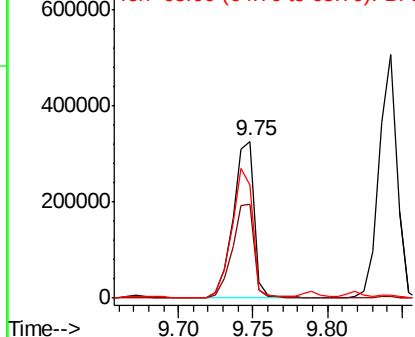


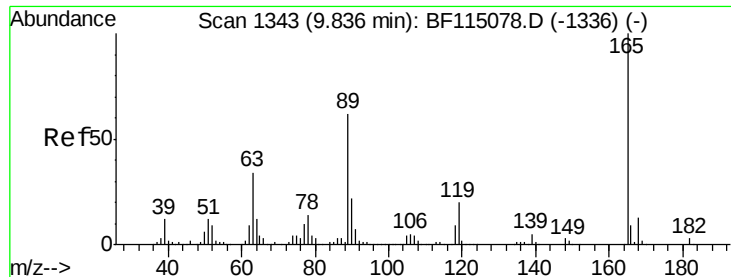
#56
4-Nitrophenol
Concen: 36.856 ng
RT: 9.75 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF115129.D
Acq: 22 Jun 2019 19:03

Tgt Ion:139 Resp: 326722
Ion Ratio Lower Upper
139 100
109 60.1 43.0 83.0
65 72.4 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

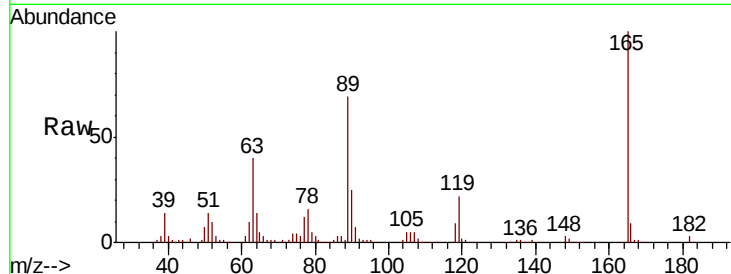




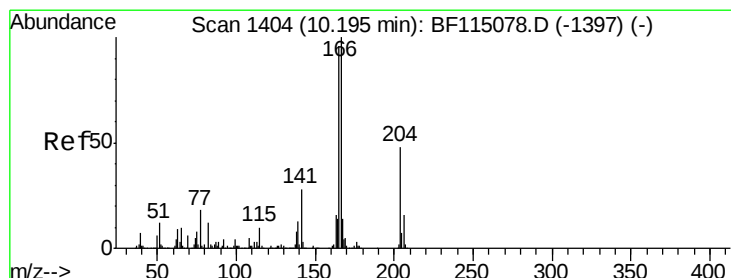
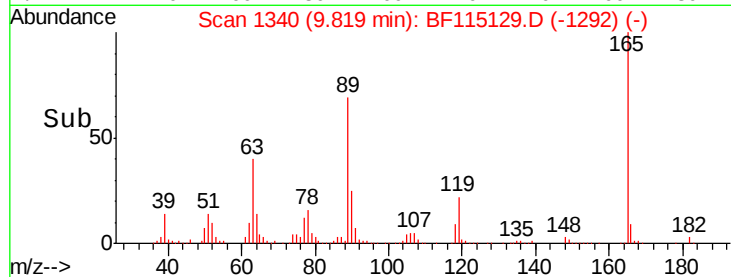
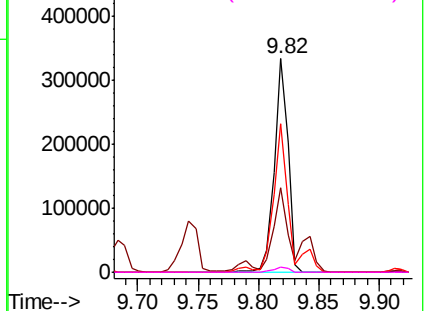
#57
2,4-Dinitrotoluene
Concen: 22.750 ng
RT: 9.82 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BF115129.D
Acq: 22 Jun 2019 19:03

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

Tot Ion:	165	Resp:	266162
Ion	Ratio	Lower	Upper
165	100		
63	39.7	27.5	41.3
89	69.3	49.9	74.9
182	2.7	2.1	3.1

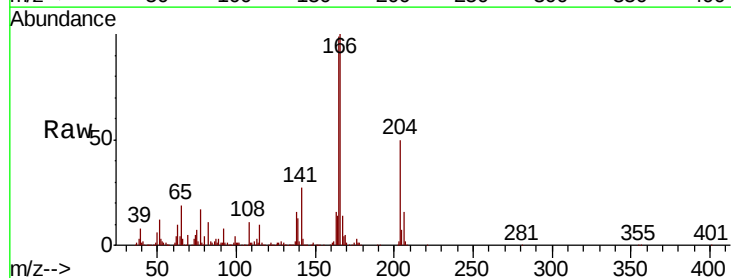


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

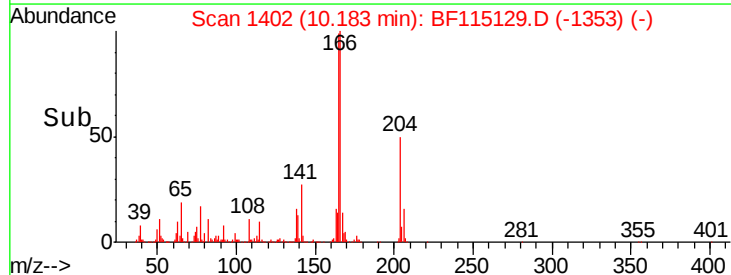
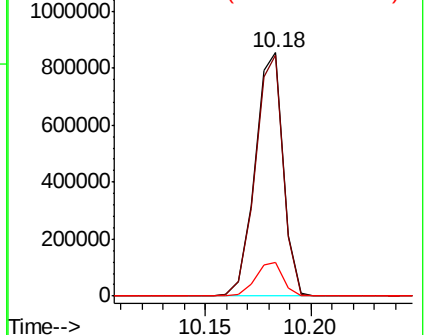


#58
Fluorene
Concen: 21.046 ng
RT: 10.18 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF115129.D
Acq: 22 Jun 2019 19:03

Tgt Ion:	166	Resp:	791969
Ion	Ratio	Lower	Upper
166	100		
165	98.8	76.5	114.7
167	13.9	11.0	16.4



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

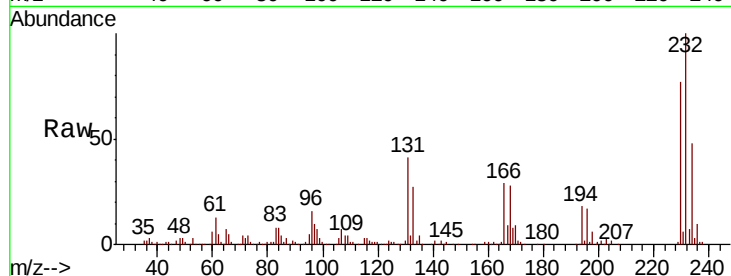




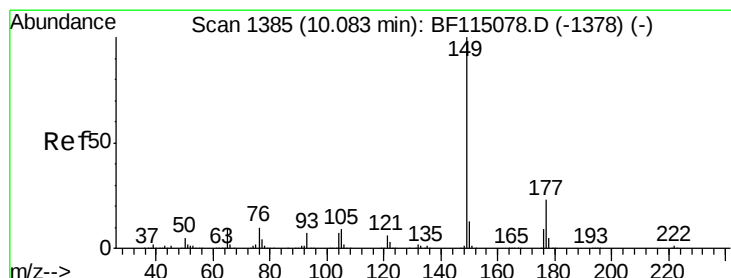
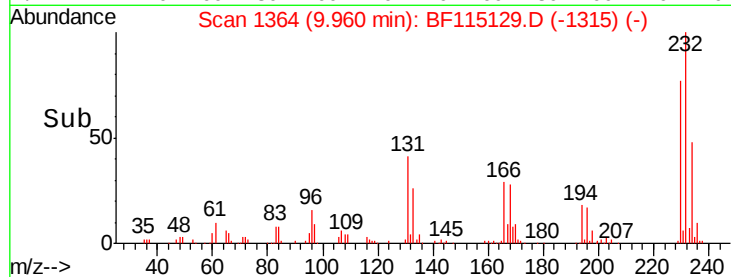
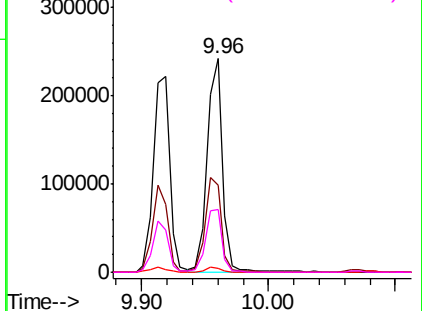
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 20.424 ng
 RT: 9.96 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: BF115129.D
 Acq: 22 Jun 2019 19:03

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4MS

Tot Ion:	232	Resp:	205251
Ion	Ratio	Lower	Upper
232	100		
131	46.3	37.4	56.0
130	2.3	1.8	2.6
166	31.2	24.6	36.8

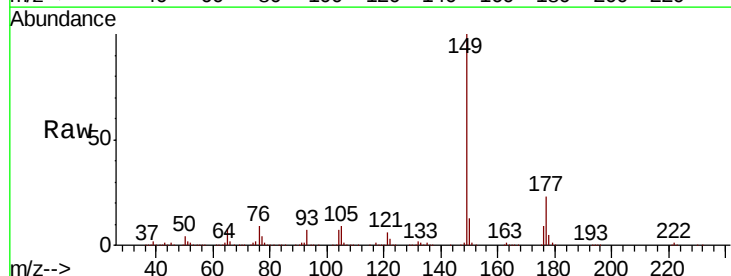


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

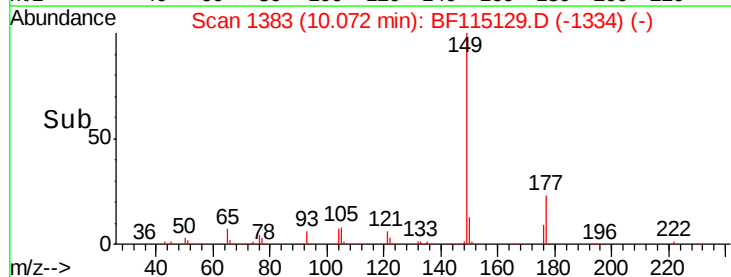
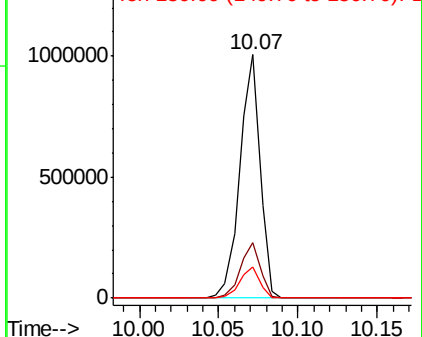


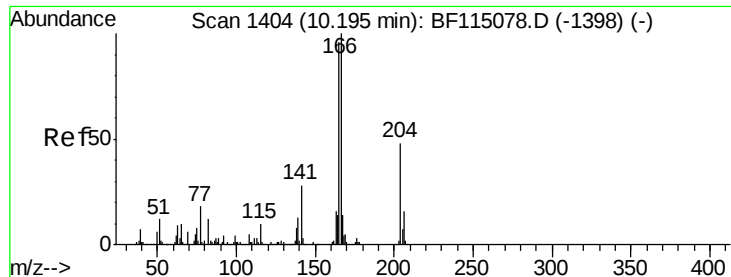
#60
 Diethylphthalate
 Concen: 22.450 ng
 RT: 10.07 min Scan# 1383
 Delta R.T. -0.01 min
 Lab File: BF115129.D
 Acq: 22 Jun 2019 19:03

Tgt Ion:	149	Resp:	885679
Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.7	28.1
150	12.7	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

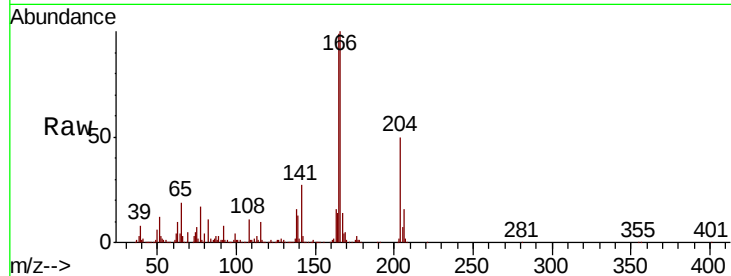




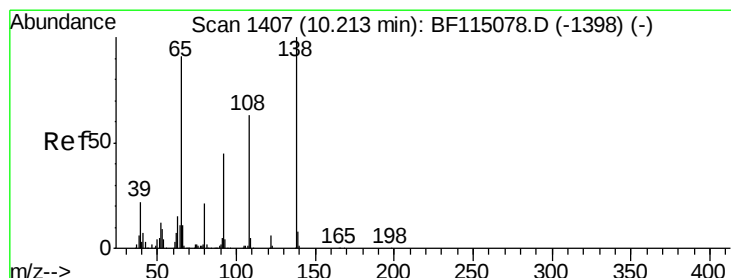
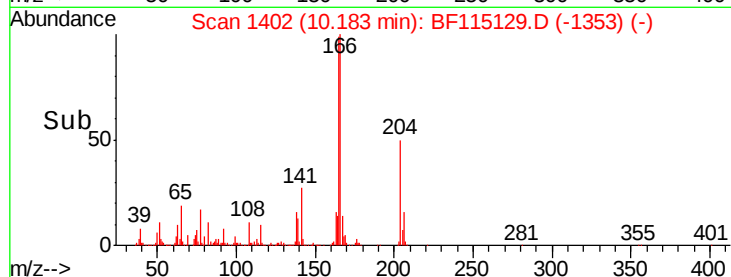
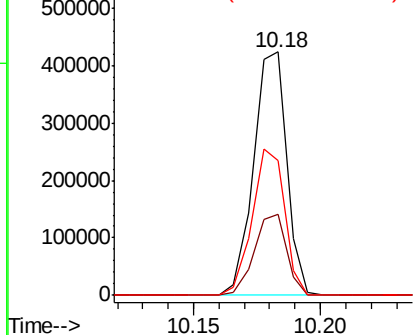
#61
4-Chlorophenyl-phenylether
Concen: 21.866 ng
RT: 10.18 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF115129.D
Acq: 22 Jun 2019 19:03

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

Tot Ion:204 Resp: 388793
Ion Ratio Lower Upper
204 100
206 33.1 26.6 40.0
141 55.4 46.7 70.1

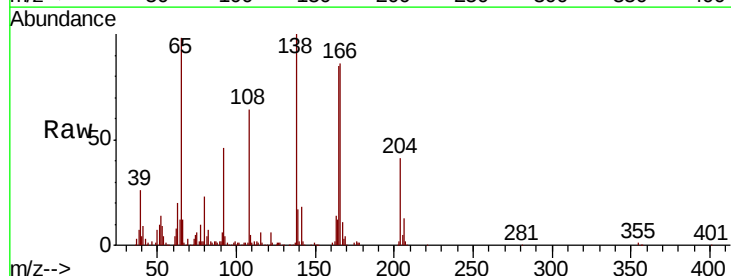


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

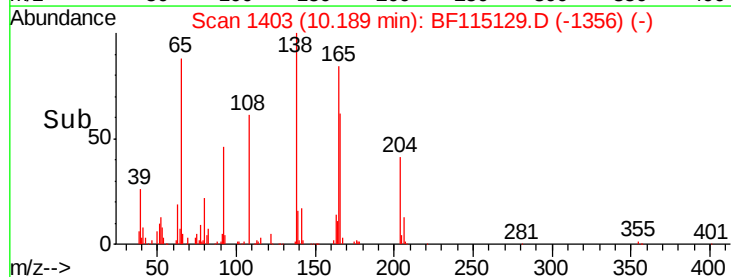
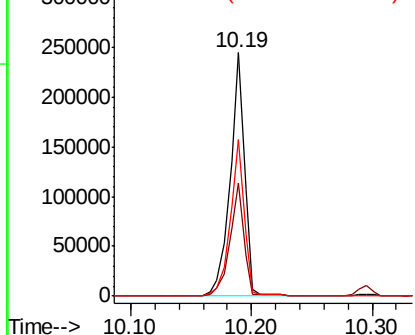


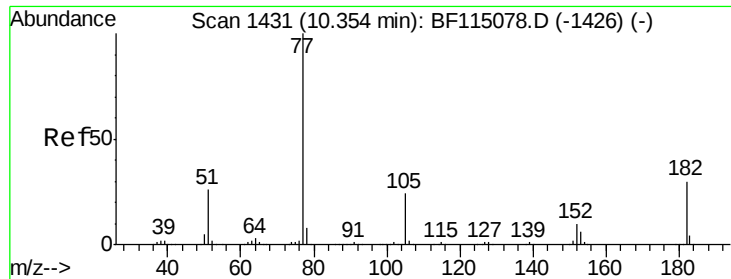
#62
4-Nitroaniline
Concen: 18.402 ng
RT: 10.19 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BF115129.D
Acq: 22 Jun 2019 19:03

Tgt Ion:138 Resp: 204133
Ion Ratio Lower Upper
138 100
92 46.4 24.8 64.8
108 64.4 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

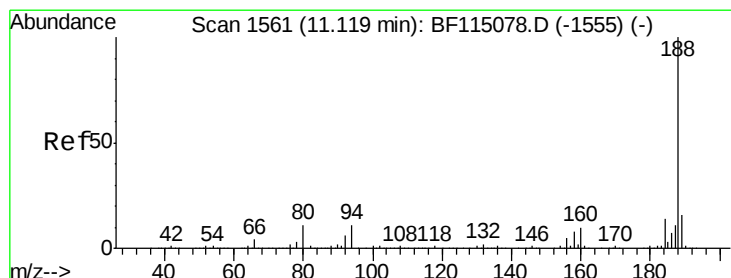
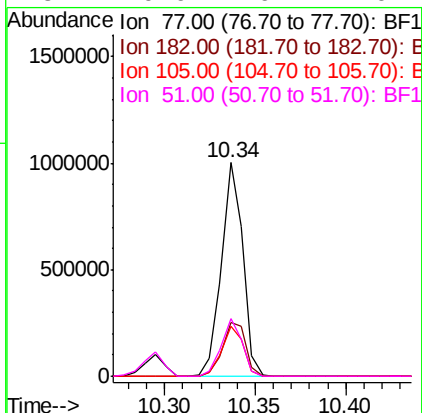
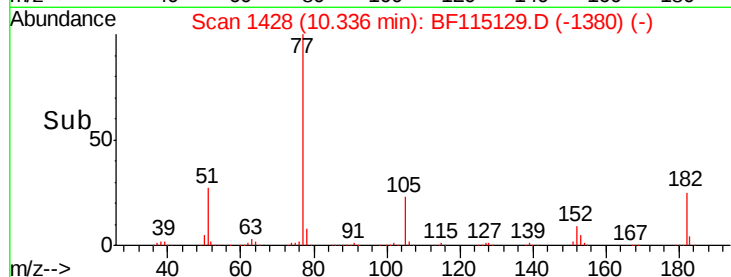
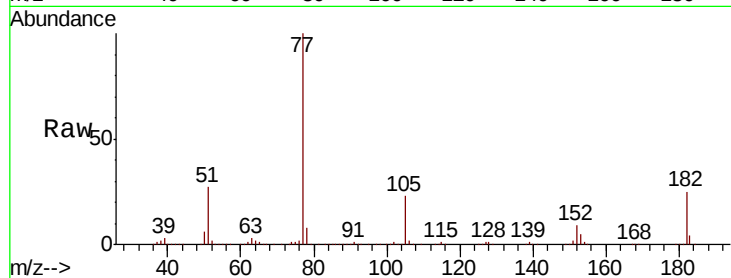




#63
Azobenzene
Concen: 22.351 ng
RT: 10.34 min Scan# 1428
Delta R.T. -0.02 min
Lab File: BF115129.D
Acq: 22 Jun 2019 19:03

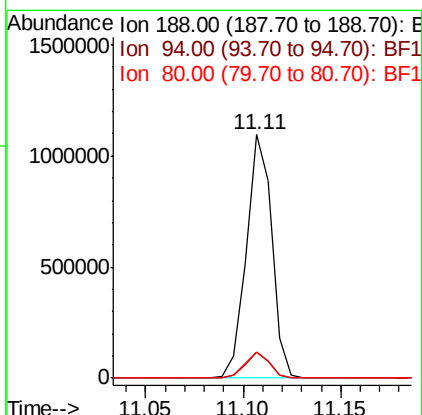
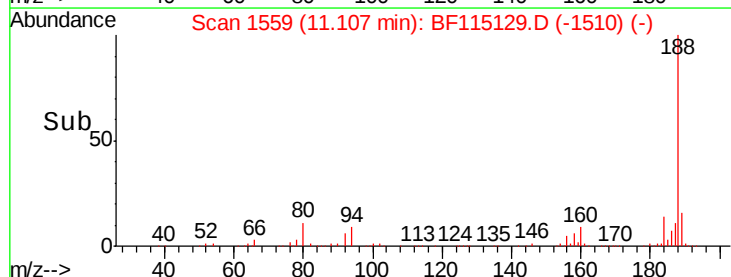
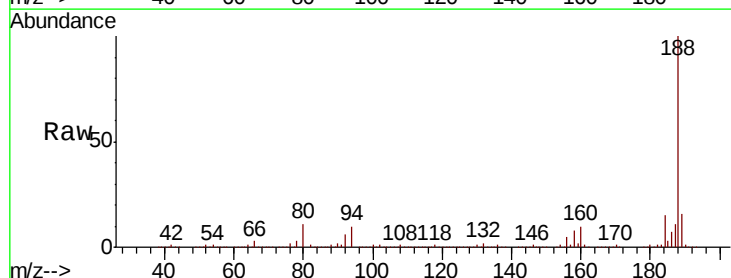
Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

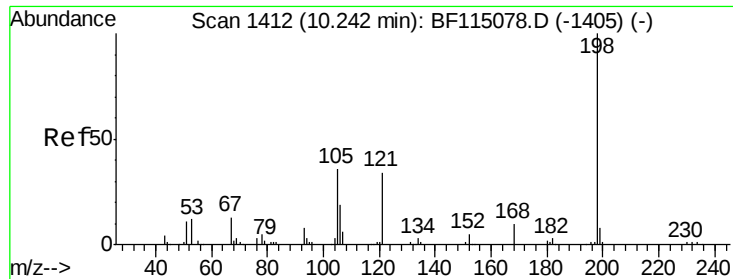
Tot Ion:	77	Resp:	823613
Ion	Ratio	Lower	Upper
77	100		
182	25.0	10.1	50.1
105	23.1	4.5	44.5
51	26.9	6.4	46.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF115129.D
Acq: 22 Jun 2019 19:03

Tgt Ion:	188	Resp:	988557
Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.6	12.8
80	10.8	8.8	13.2





#65

4,6-Dinitro-2-methylphenol

Concen: 16.333 ng

RT: 10.22 min Scan# 1409

Delta R.T. -0.02 min

Lab File: BF115129.D

Acq: 22 Jun 2019 19:03

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MS

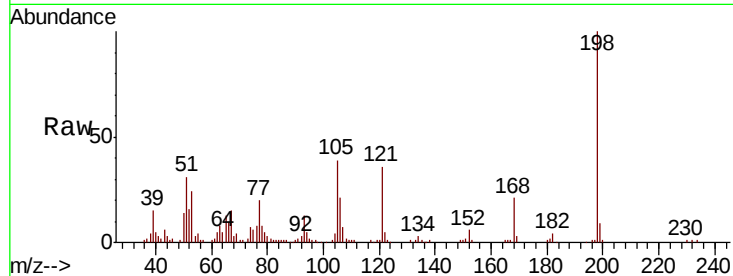
Tot Ion:198 Resp: 66717

Ion Ratio Lower Upper

198 100

51 30.9 11.0 51.0

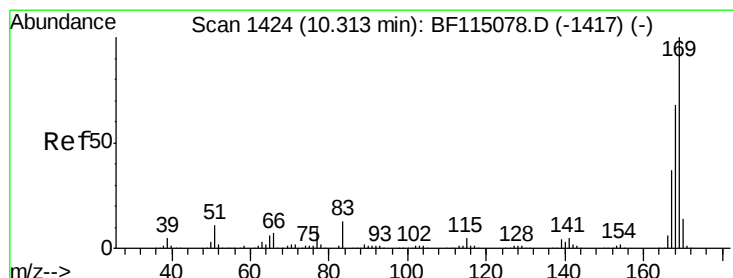
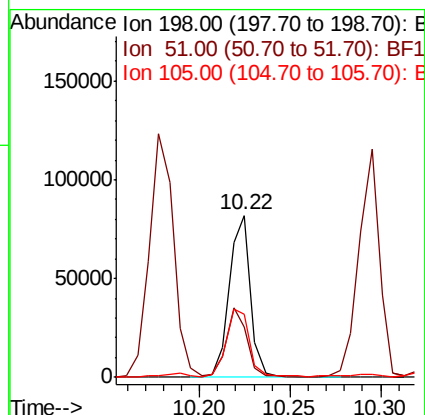
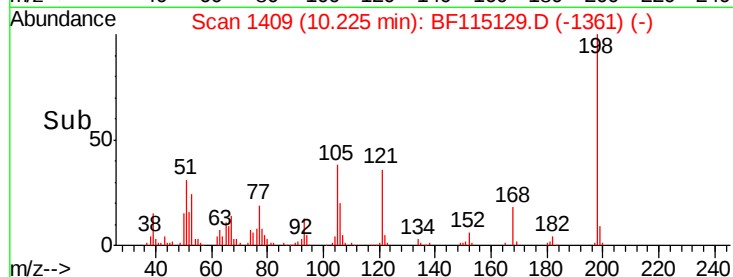
105 38.9 17.3 57.3



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: 24.298 ng

RT: 10.30 min Scan# 1421

Delta R.T. -0.02 min

Lab File: BF115129.D

Acq: 22 Jun 2019 19:03

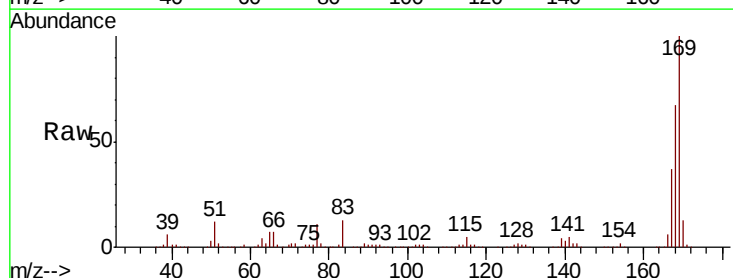
Tgt Ion:169 Resp: 748338

Ion Ratio Lower Upper

169 100

168 66.7 54.2 81.4

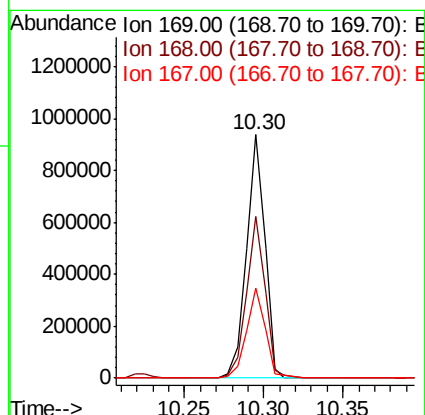
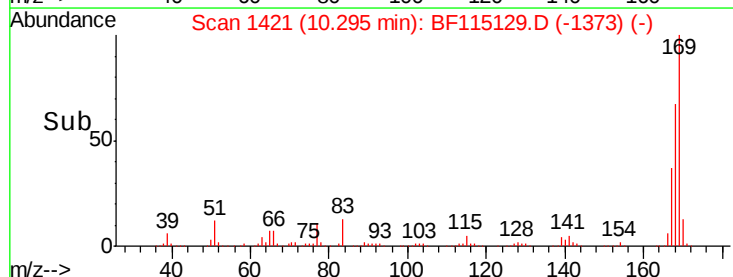
167 37.2 29.4 44.0



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

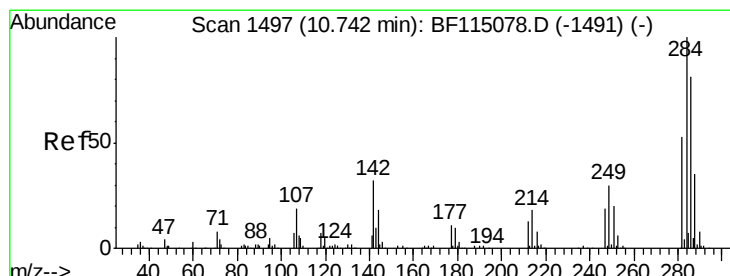
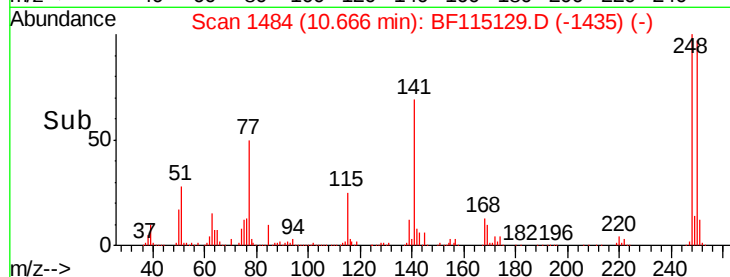
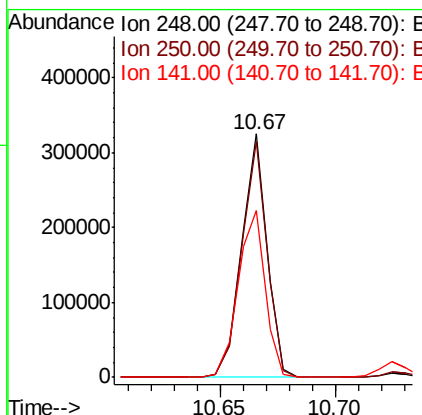
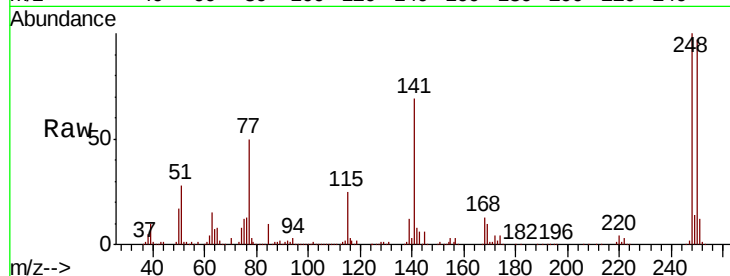




#67
 4-Bromophenyl-phenylether
 Concen: 23.356 ng
 RT: 10.67 min Scan# 1484
 Delta R.T. -0.01 min
 Lab File: BF115129.D
 Acq: 22 Jun 2019 19:03

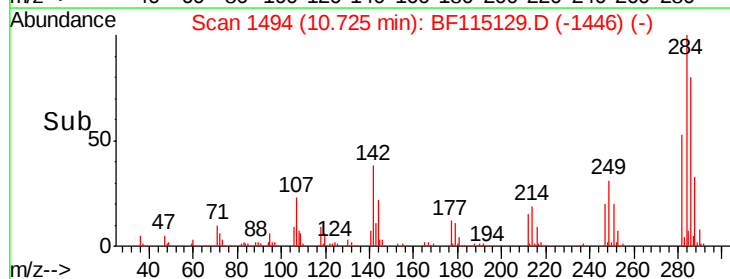
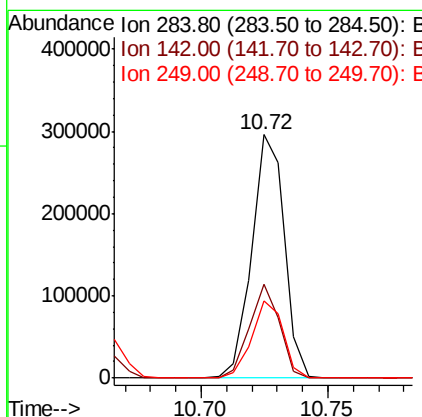
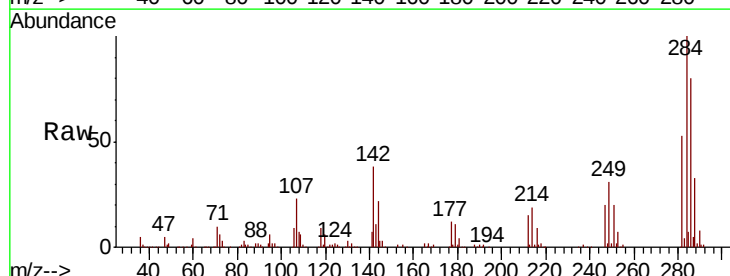
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4MS

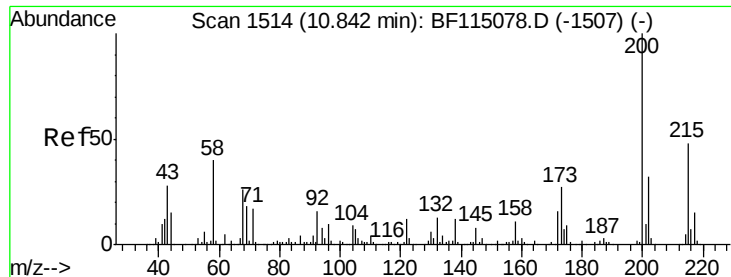
Tot Ion:248 Resp: 250326
 Ion Ratio Lower Upper
 248 100
 250 97.0 76.2 114.2
 141 68.7 59.6 89.4



#68
 Hexachlorobenzene
 Concen: 22.739 ng
 RT: 10.72 min Scan# 1494
 Delta R.T. -0.02 min
 Lab File: BF115129.D
 Acq: 22 Jun 2019 19:03

Tgt Ion:284 Resp: 264536
 Ion Ratio Lower Upper
 284 100
 142 38.3 25.8 38.8
 249 31.5 24.2 36.4

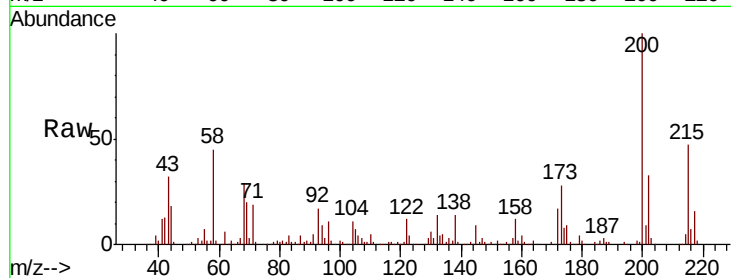




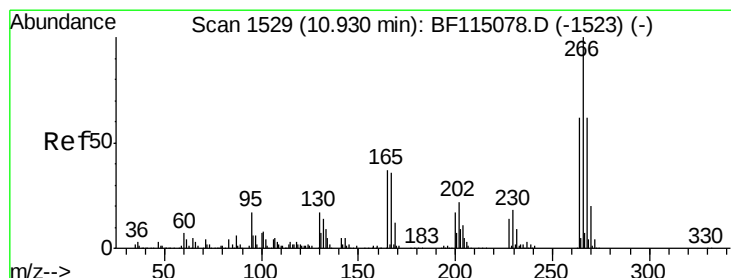
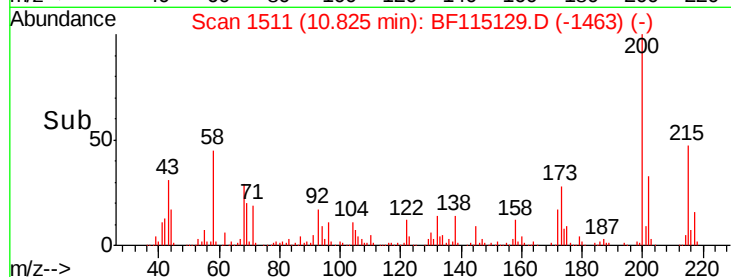
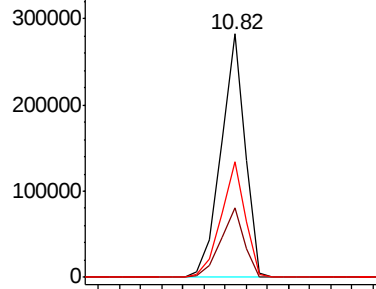
#69
 Atrazine
 Concen: 22.623 ng
 RT: 10.82 min Scan# 1511
 Delta R.T. -0.02 min
 Lab File: BF115129.D
 Acq: 22 Jun 2019 19:03

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.4	7.4	47.4
215	47.4	27.8	67.8

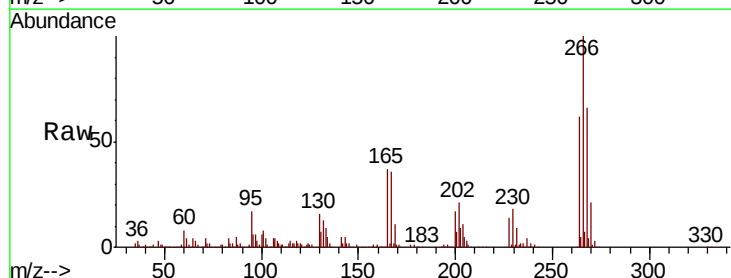


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

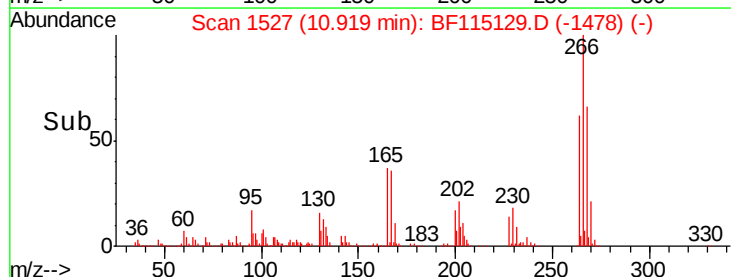
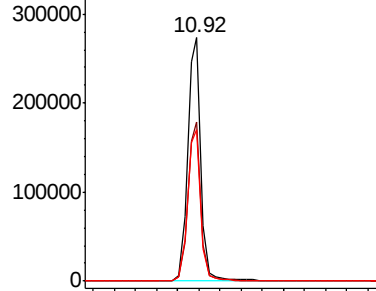


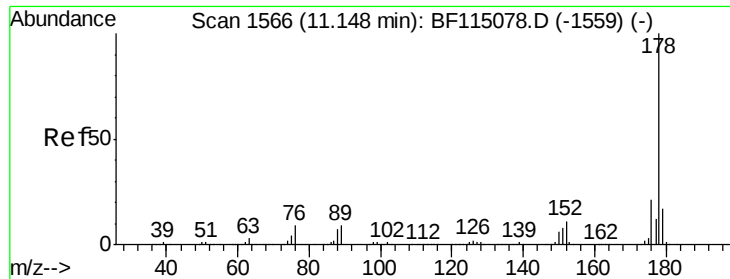
#70
 Pentachlorophenol
 Concen: 33.045 ng
 RT: 10.92 min Scan# 1527
 Delta R.T. -0.01 min
 Lab File: BF115129.D
 Acq: 22 Jun 2019 19:03

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.6	49.5	74.3
264	62.3	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

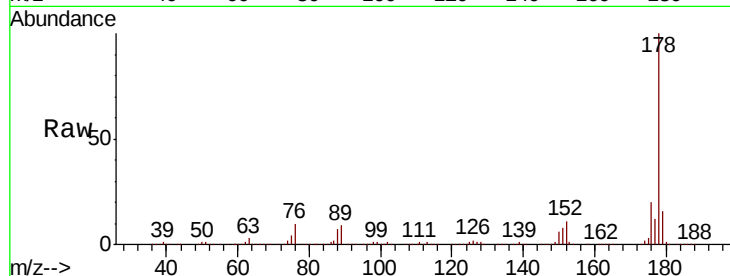




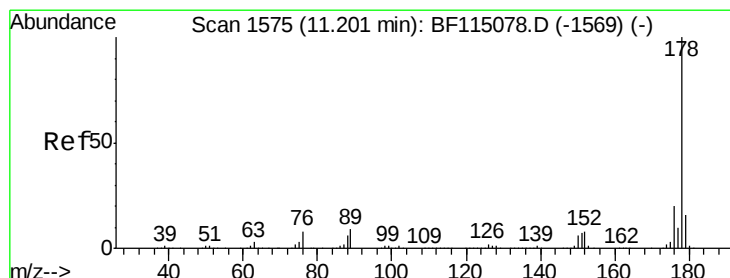
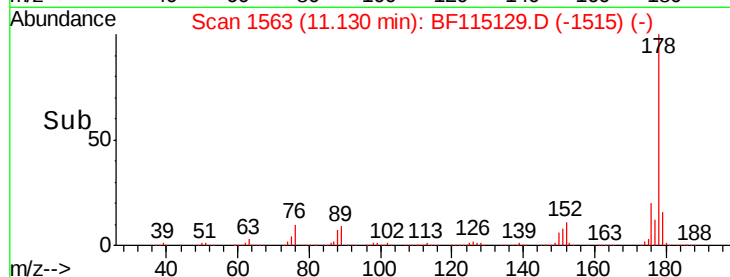
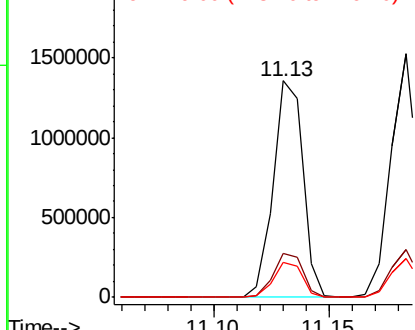
#71
Phenanthrene
Concen: 22.635 ng
RT: 11.13 min Scan# 1563
Delta R.T. -0.02 min
Lab File: BF115129.D
Acq: 22 Jun 2019 19:03

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

Tot Ion:178 Resp: 1204758
Ion Ratio Lower Upper
178 100
176 20.0 16.9 25.3
179 16.0 13.2 19.8

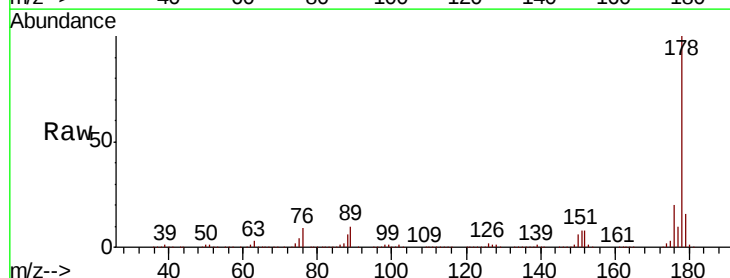


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

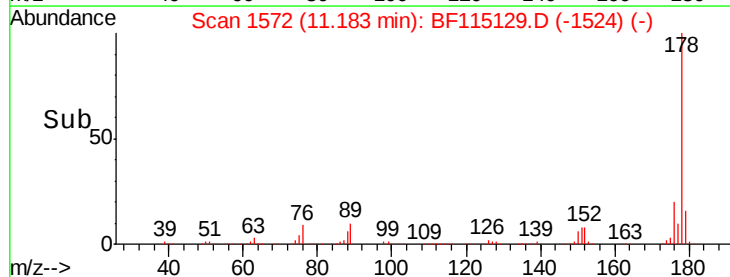
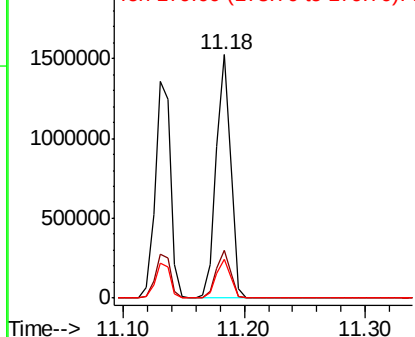


#72
Anthracene
Concen: 23.173 ng
RT: 11.18 min Scan# 1572
Delta R.T. -0.02 min
Lab File: BF115129.D
Acq: 22 Jun 2019 19:03

Tgt Ion:178 Resp: 1245022
Ion Ratio Lower Upper
178 100
176 19.8 16.1 24.1
179 16.1 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



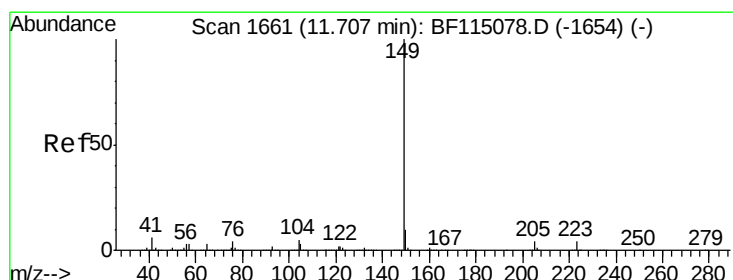
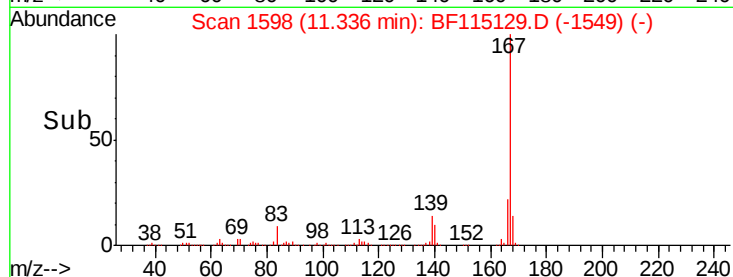
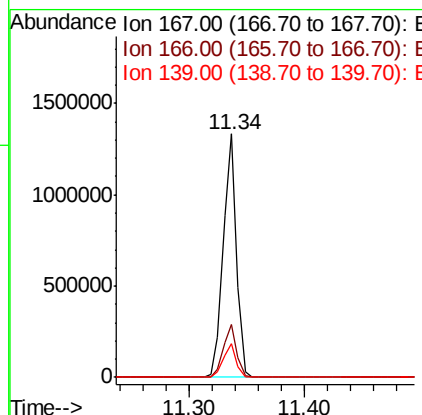
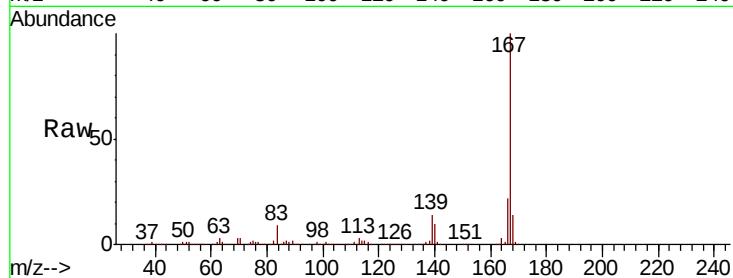


#73
 Carbazole
 Concen: 22.112 ng
 RT: 11.34 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF115129.D
 Acq: 22 Jun 2019 19:03

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4MS

Tot Ion:167 Resp: 1060853

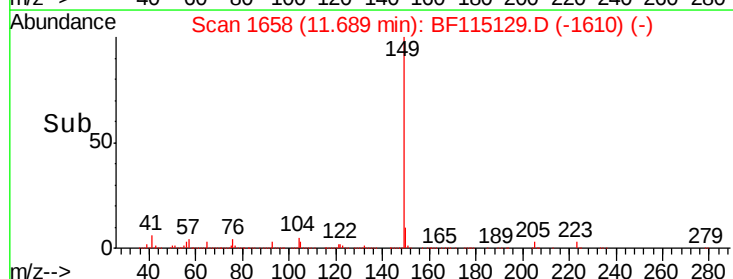
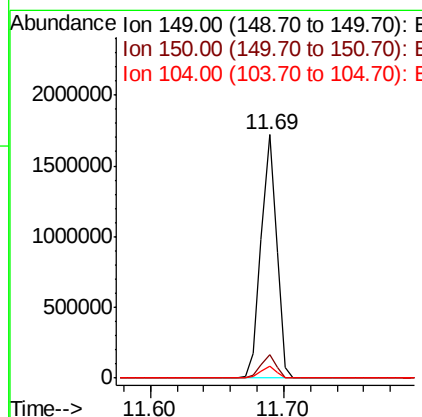
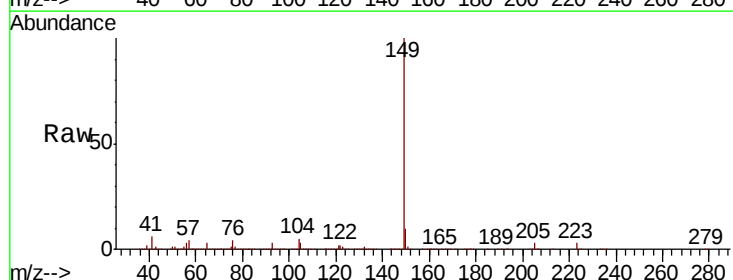
Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.0	27.0
139	13.7	11.1	16.7

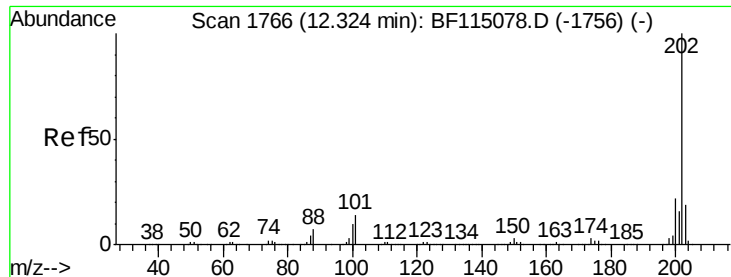


#74
 Di-n-butylphthalate
 Concen: 24.553 ng
 RT: 11.69 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BF115129.D
 Acq: 22 Jun 2019 19:03

Tgt Ion:149 Resp: 1361204

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.8	11.8
104	4.7	3.7	5.5





#75

Fluoranthene

Concen: 20.969 ng

RT: 12.31 min Scan# 1763

Delta R.T. -0.02 min

Lab File: BF115129.D

Acq: 22 Jun 2019 19:03

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MS

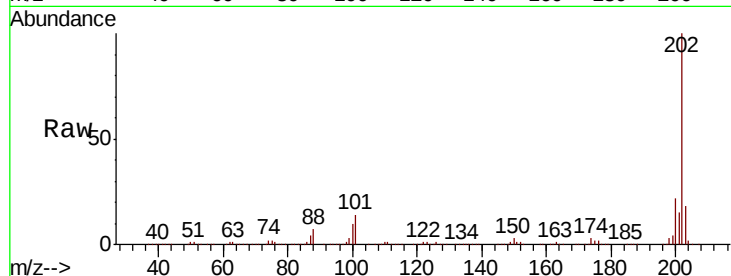
Tot Ion:202 Resp: 1113569

Ion Ratio Lower Upper

202 100

101 13.7 0.0 34.0

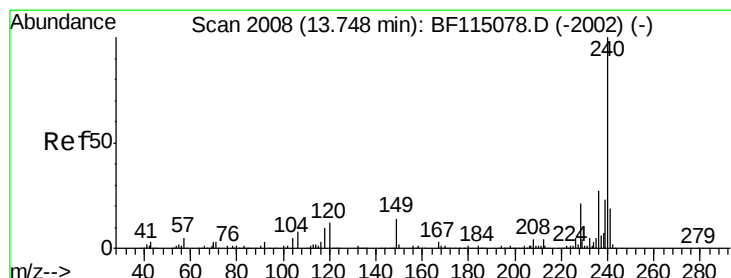
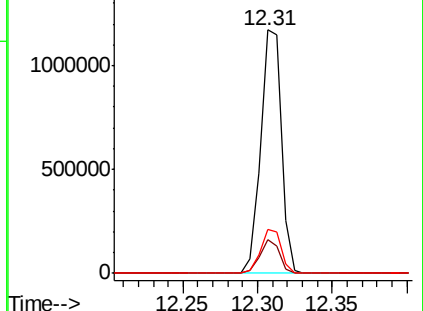
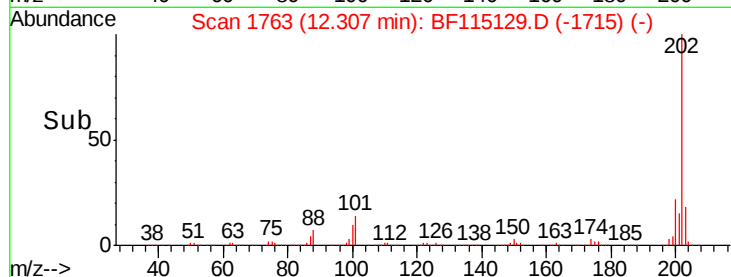
203 18.3 0.0 38.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.72 min Scan# 2004

Delta R.T. -0.02 min

Lab File: BF115129.D

Acq: 22 Jun 2019 19:03

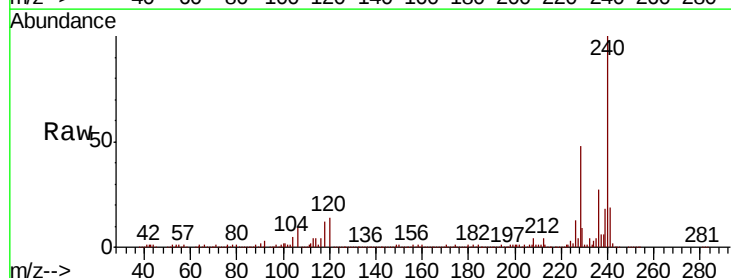
Tgt Ion:240 Resp: 561844

Ion Ratio Lower Upper

240 100

120 13.5 9.4 14.2

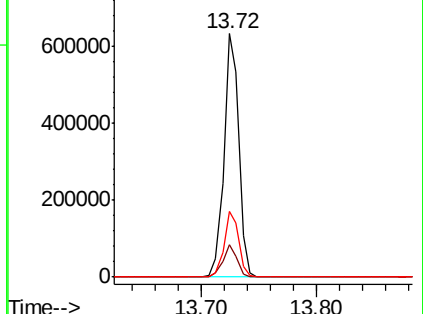
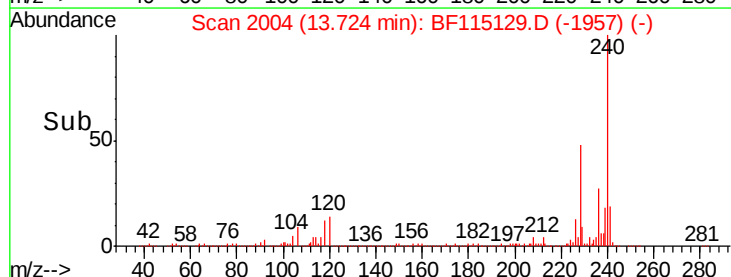
236 26.9 21.7 32.5

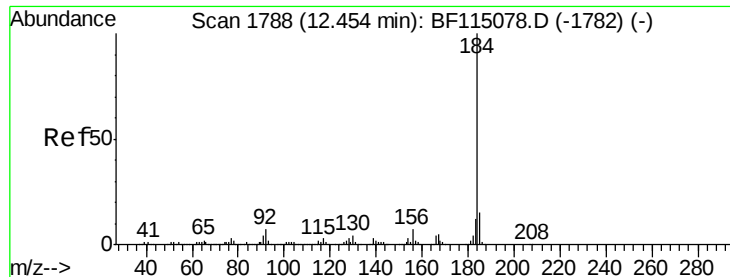


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

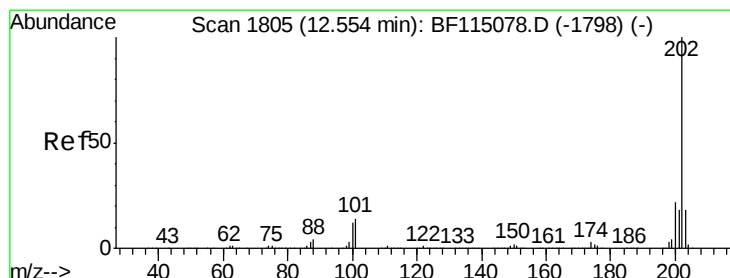
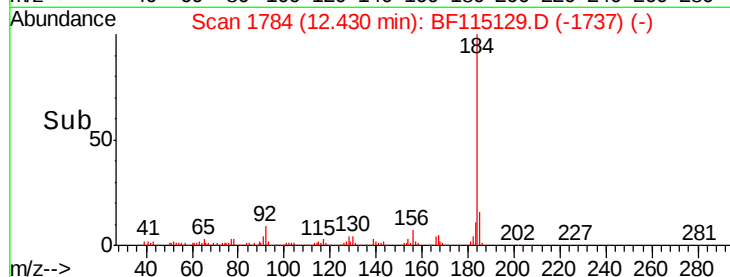
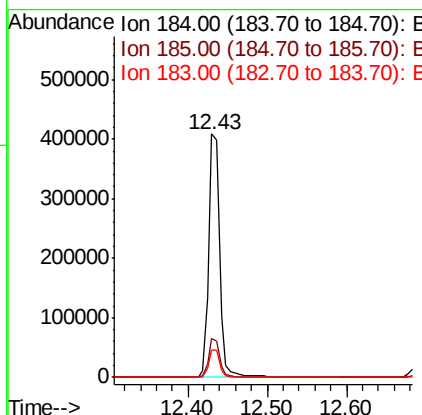
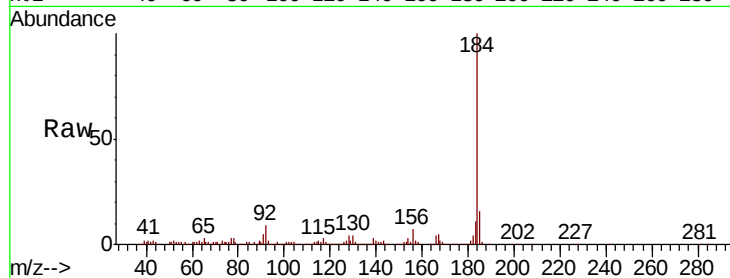




#77
Benzidine
Concen: 15.874 ng
RT: 12.43 min Scan# 1784
Delta R.T. -0.02 min
Lab File: BF115129.D
Acq: 22 Jun 2019 19:03

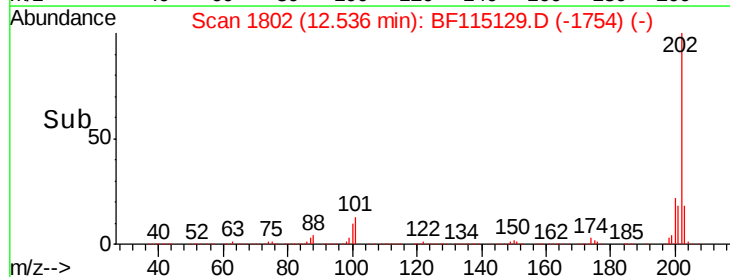
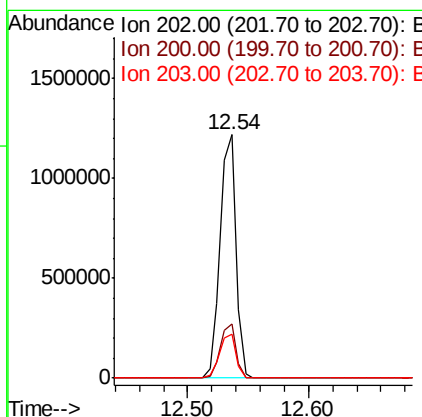
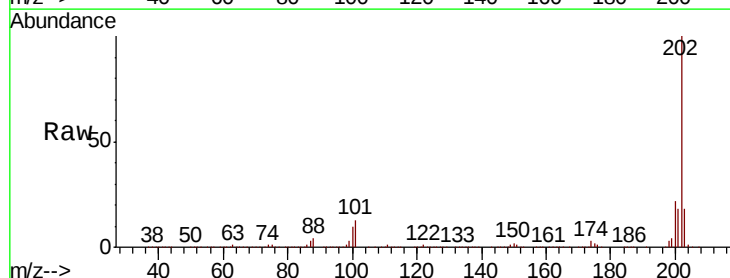
Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

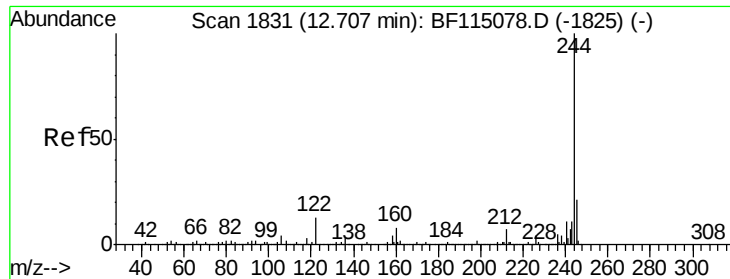
Tot Ion:184 Resp: 396032
Ion Ratio Lower Upper
184 100
185 15.9 12.2 18.2
183 11.1 9.6 14.4



#78
Pyrene
Concen: 25.475 ng
RT: 12.54 min Scan# 1802
Delta R.T. -0.02 min
Lab File: BF115129.D
Acq: 22 Jun 2019 19:03

Tgt Ion:202 Resp: 1099978
Ion Ratio Lower Upper
202 100
200 22.1 17.9 26.9
203 17.9 14.6 21.8





#79

Terphenyl-d14

Concen: 57.343 ng

RT: 12.69 min Scan# 1828

Delta R.T. -0.02 min

Lab File: BF115129.D

Acq: 22 Jun 2019 19:03

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MS

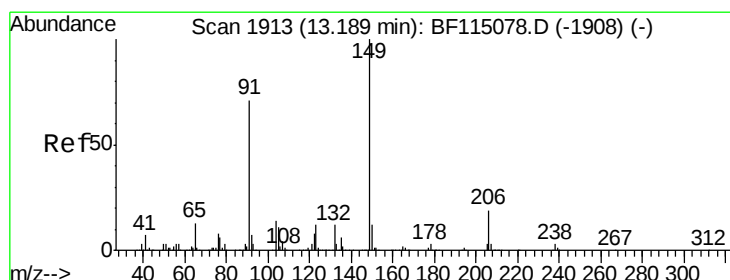
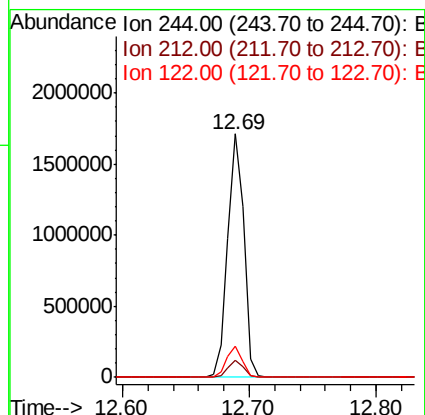
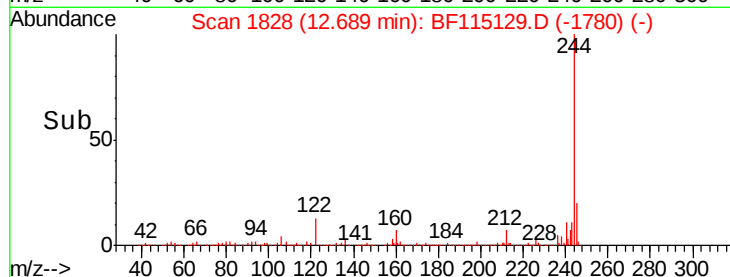
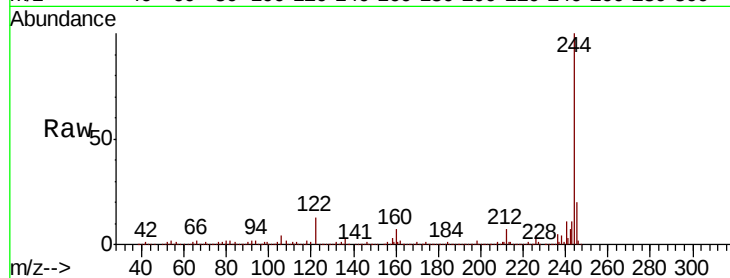
Tot Ion:244 Resp: 1515316

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.6

122 12.9 10.4 15.6



#80

Butylbenzylphthalate

Concen: 25.819 ng

RT: 13.17 min Scan# 1910

Delta R.T. -0.02 min

Lab File: BF115129.D

Acq: 22 Jun 2019 19:03

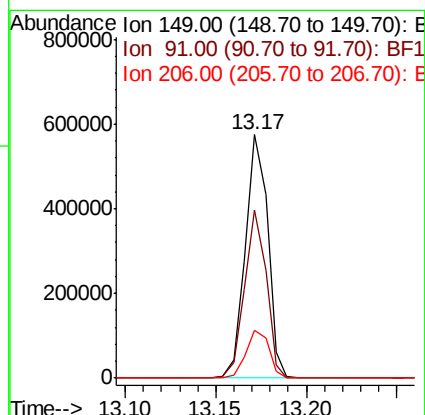
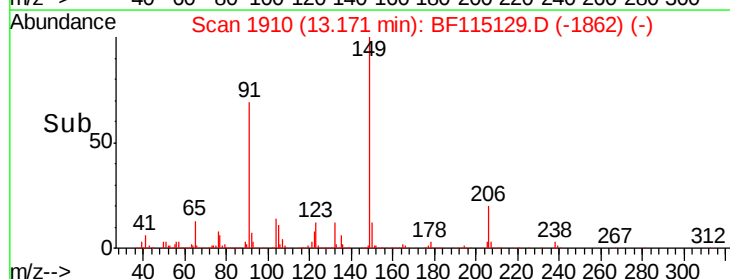
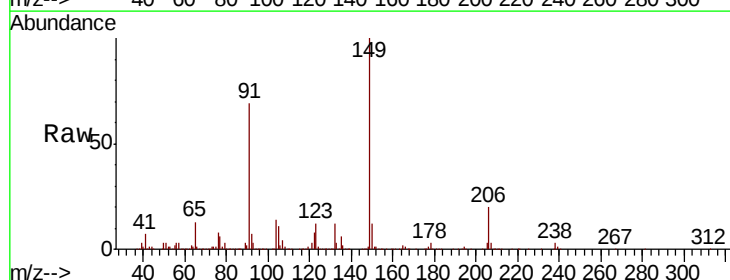
Tgt Ion:149 Resp: 491981

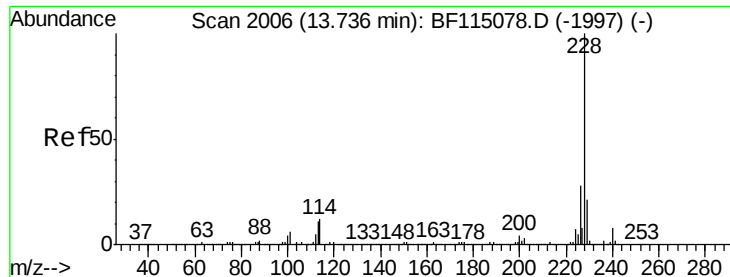
Ion Ratio Lower Upper

149 100

91 69.2 56.5 84.7

206 19.6 15.3 22.9





#81

Benzo(a)anthracene

Concen: 21.177 ng

RT: 13.72 min Scan# 2003

Delta R.T. -0.02 min

Lab File: BF115129.D

Acq: 22 Jun 2019 19:03

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MS

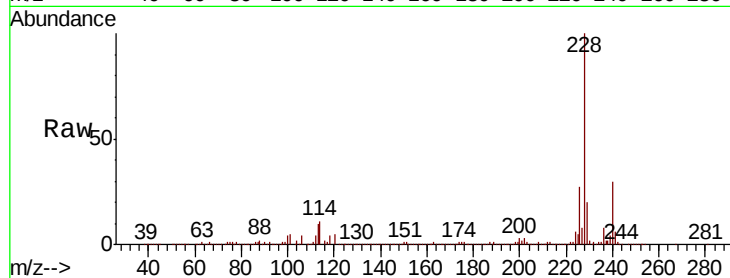
Tot Ion:228 Resp: 853733

Ion Ratio Lower Upper

228 100

226 27.0 22.5 33.7

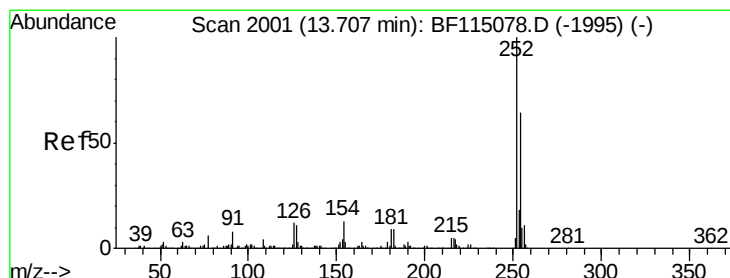
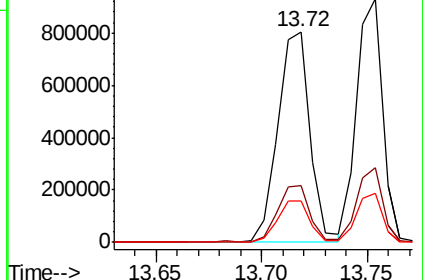
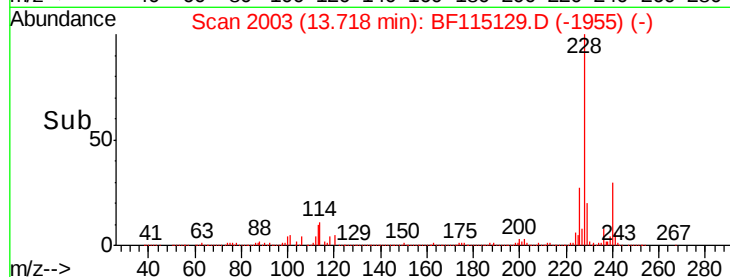
229 19.8 16.6 24.8



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: 15.820 ng

RT: 13.68 min Scan# 1997

Delta R.T. -0.02 min

Lab File: BF115129.D

Acq: 22 Jun 2019 19:03

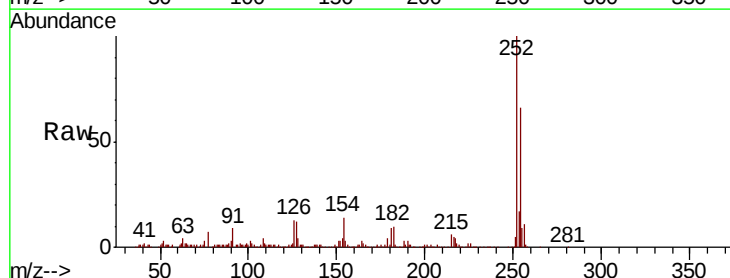
Tgt Ion:252 Resp: 230308

Ion Ratio Lower Upper

252 100

254 66.3 51.1 76.7

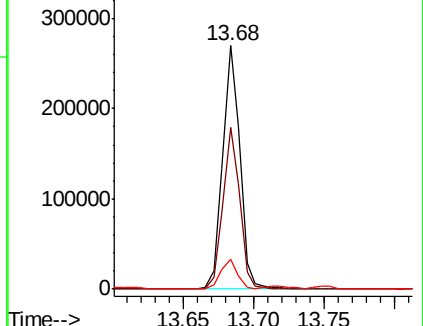
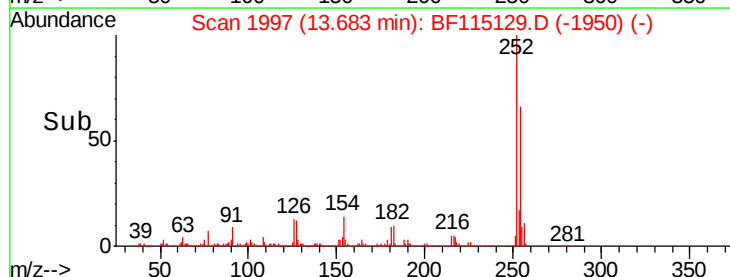
126 12.5 9.4 14.0



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

Chrvsene

Concen: 21.659 ng

RT: 13.75 min Scan# 2009

Delta R.T. -0.02 min

Lab File: BF115129.D

Acq: 22 Jun 2019 19:03

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MS

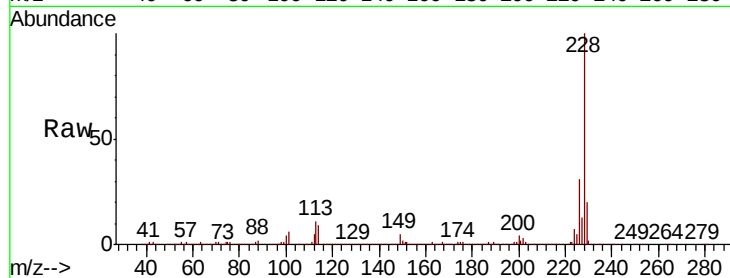
Tot Ion:228 Resp: 799819

Ion Ratio Lower Upper

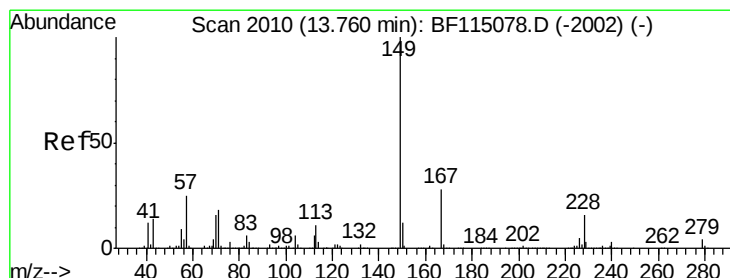
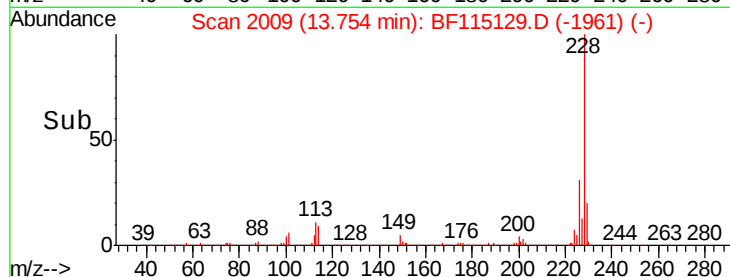
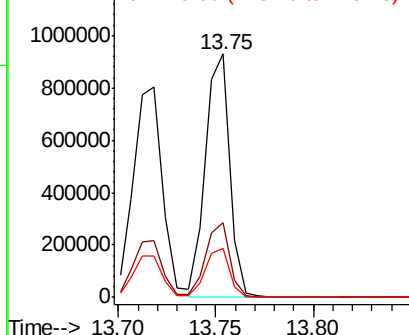
228 100

226 30.6 25.4 38.0

229 20.2 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: 26.189 ng

RT: 13.74 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF115129.D

Acq: 22 Jun 2019 19:03

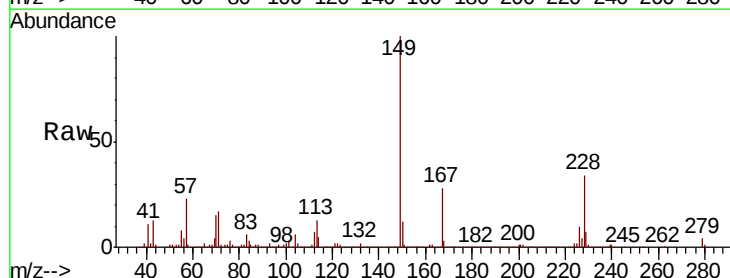
Tgt Ion:149 Resp: 653875

Ion Ratio Lower Upper

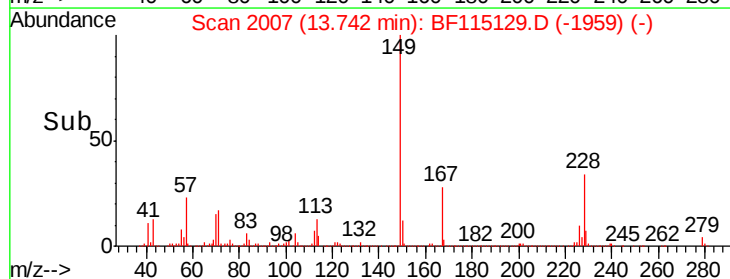
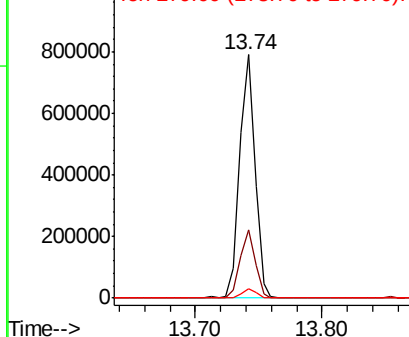
149 100

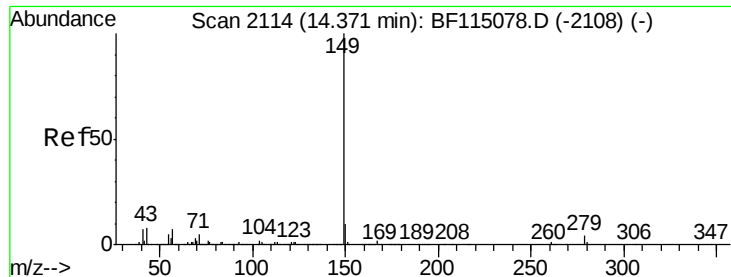
167 28.1 22.2 33.4

279 4.1 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: 23.964 ng

RT: 14.35 min Scan# 2110

Delta R.T. -0.02 min

Lab File: BF115129.D

Acq: 22 Jun 2019 19:03

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MS

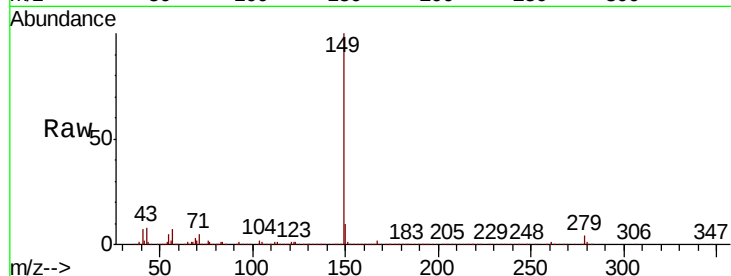
Tot Ion:149 Resp: 1005313

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

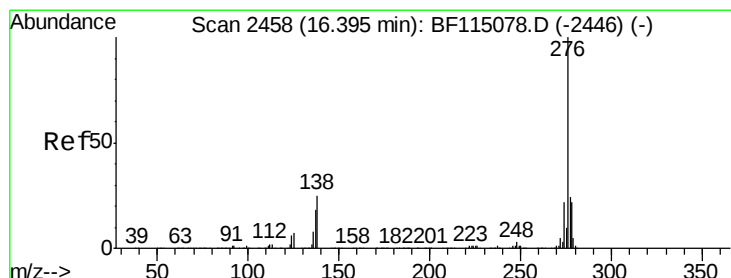
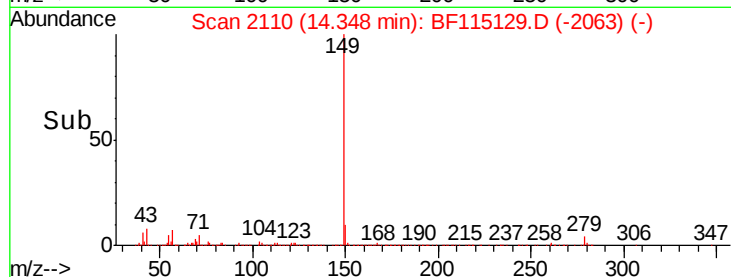
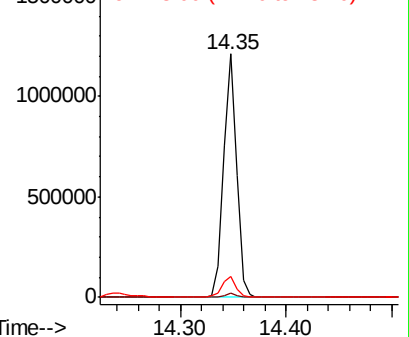
43 8.5 7.0 10.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 20.509 ng

RT: 16.35 min Scan# 2450

Delta R.T. -0.05 min

Lab File: BF115129.D

Acq: 22 Jun 2019 19:03

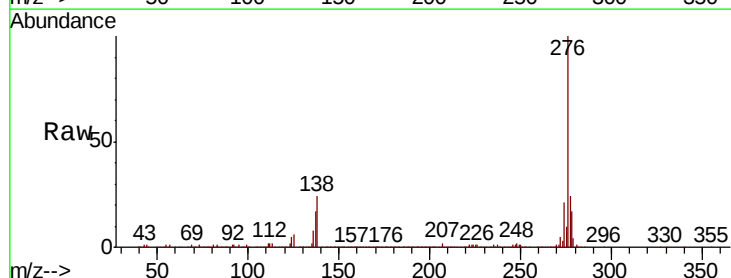
Tgt Ion:276 Resp: 896197

Ion Ratio Lower Upper

276 100

138 28.5 23.2 34.8

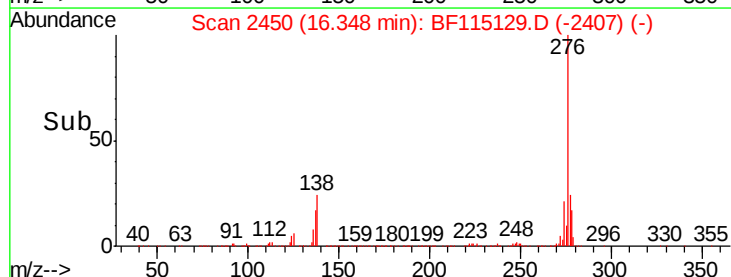
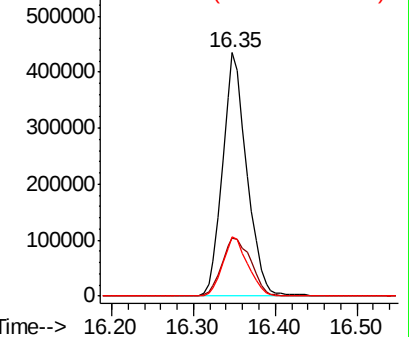
277 25.6 20.1 30.1

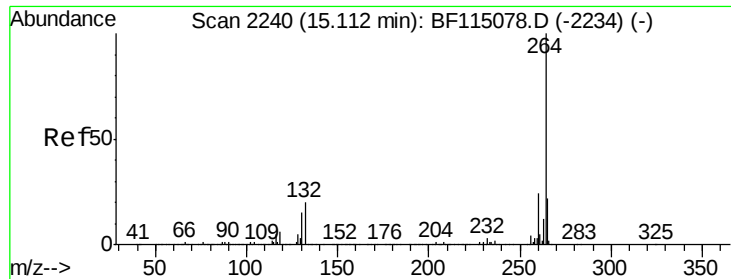


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



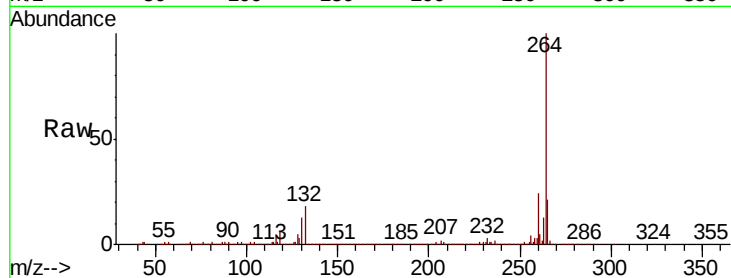


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.09 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BF115129.D
Acq: 22 Jun 2019 19:03

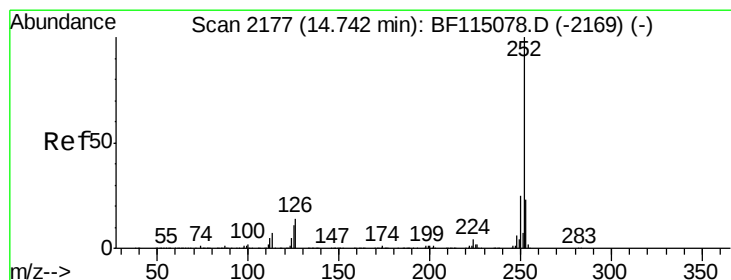
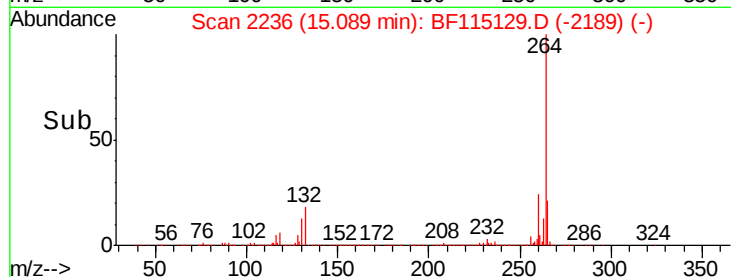
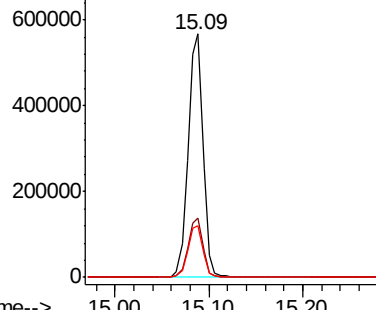
Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

Tot Ion:264 Resp: 631180

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	21.2	17.3	25.9



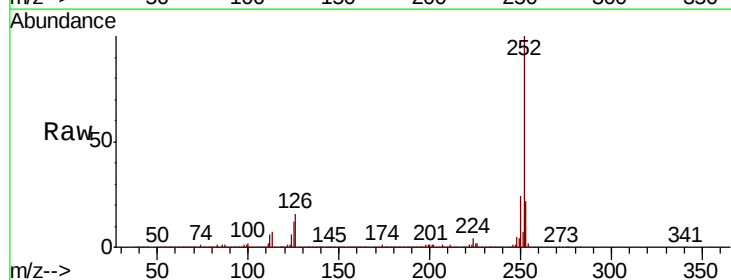
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



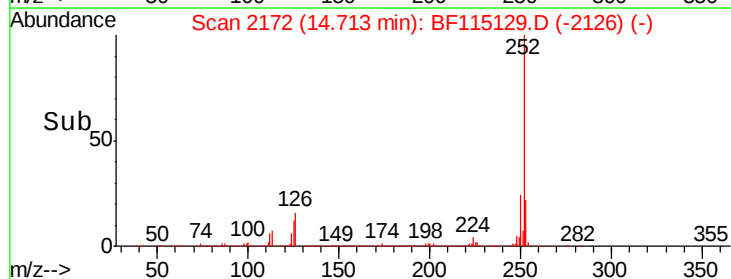
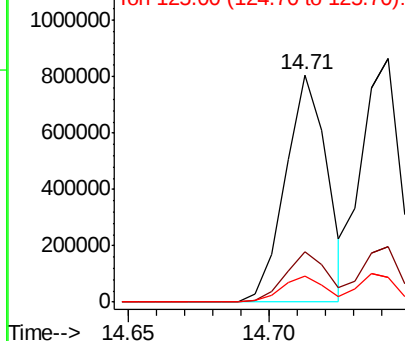
#88
Benzo(b)fluoranthene
Concen: 20.995 ng
RT: 14.71 min Scan# 2172
Delta R.T. -0.03 min
Lab File: BF115129.D
Acq: 22 Jun 2019 19:03

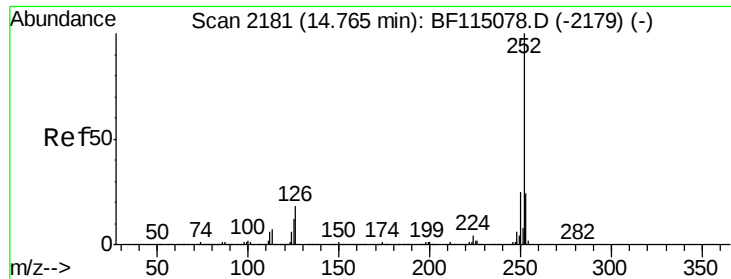
Tgt Ion:252 Resp: 826847

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	11.7	8.7	13.1



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

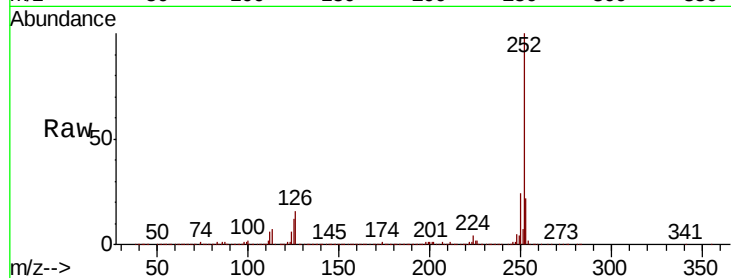




#89
Benzo(k)fluoranthene
Concen: 23.411 ng
RT: 14.71 min Scan# 2172
Delta R.T. -0.05 min
Lab File: BF115129.D
Acq: 22 Jun 2019 19:03

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.9	28.3
125	11.7	10.2	15.2

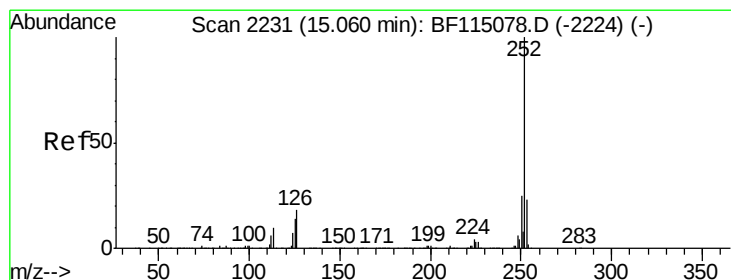
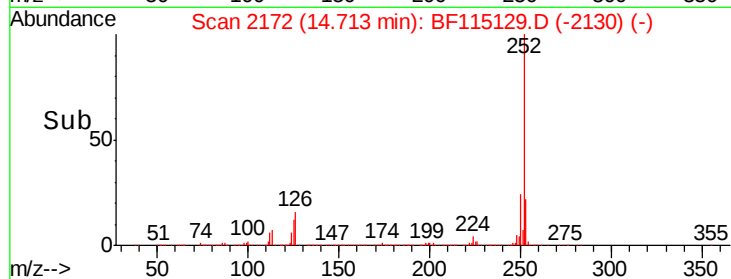
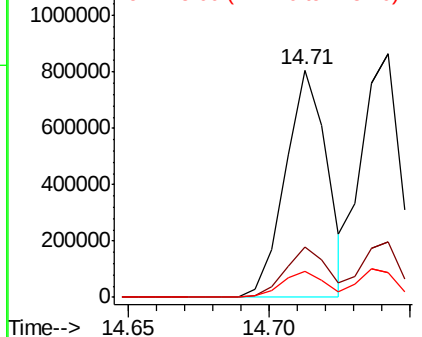


Abundance

Ion 252.00 (251.70 to 252.70): E

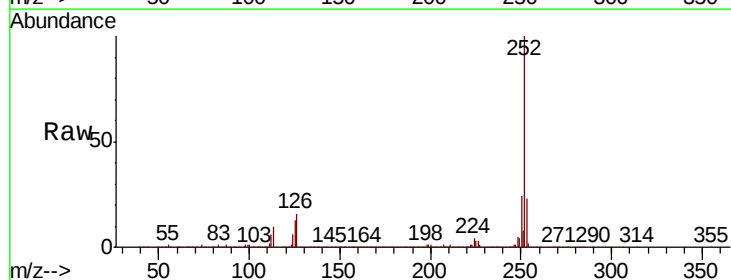
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 23.044 ng
RT: 15.03 min Scan# 2226
Delta R.T. -0.03 min
Lab File: BF115129.D
Acq: 22 Jun 2019 19:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.3	27.5
125	12.8	10.9	16.3

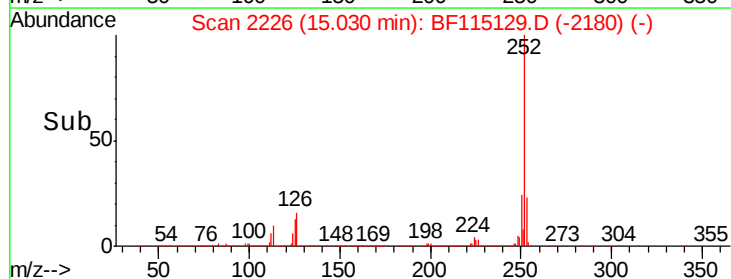
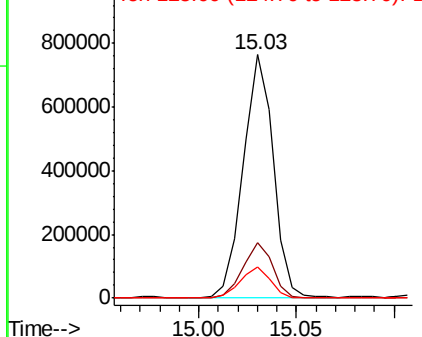


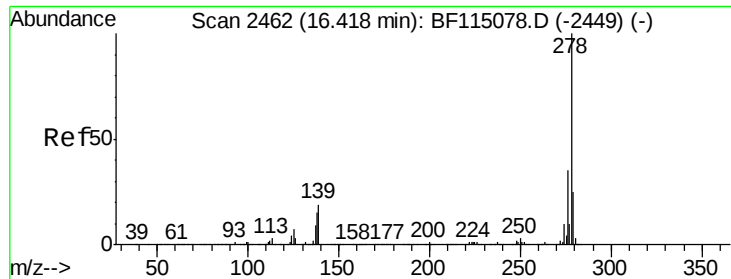
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 23.068 ng

RT: 16.37 min Scan# 2454

Delta R.T. -0.05 min

Lab File: BF115129.D

Acq: 22 Jun 2019 19:03

Instrument :

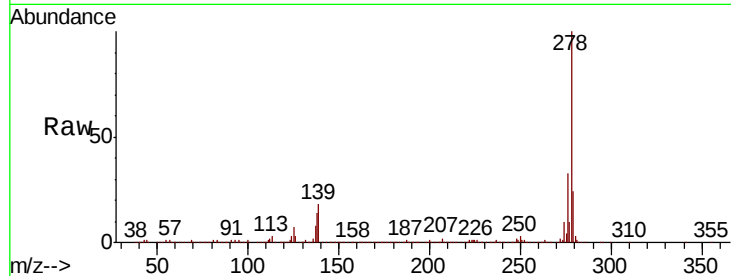
BNA_F

ClientSampleId :

SAMPLE-4MS

Tot Ion:278 Resp: 764446

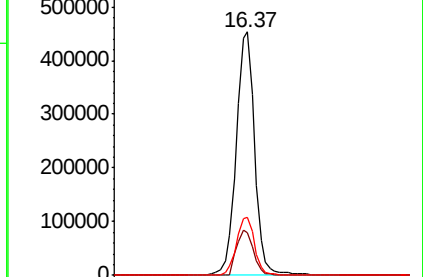
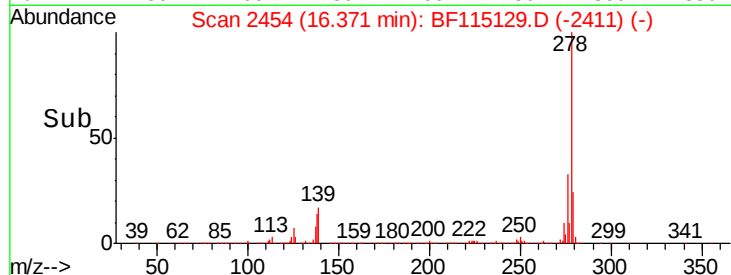
Ion	Ratio	Lower	Upper
278	100		
139	17.5	15.4	23.2
279	24.1	19.9	29.9



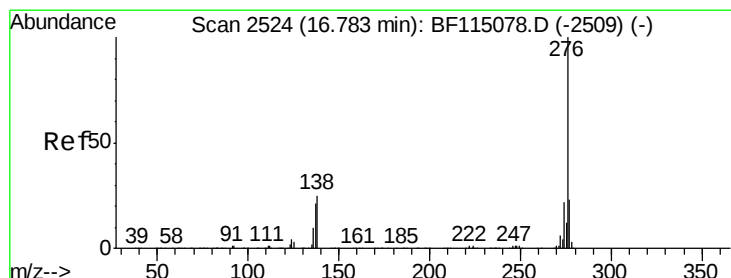
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time--> 16.20 16.30 16.40 16.50



#92

Benzo(g,h,i)perylene

Concen: 21.229 ng

RT: 16.73 min Scan# 2515

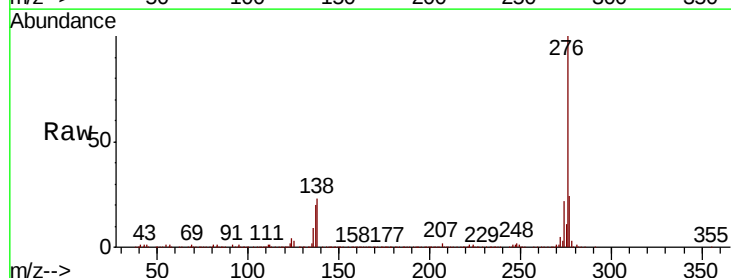
Delta R.T. -0.05 min

Lab File: BF115129.D

Acq: 22 Jun 2019 19:03

Tgt Ion:276 Resp: 712039

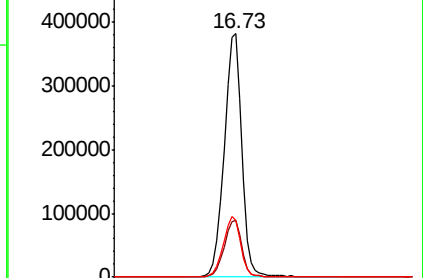
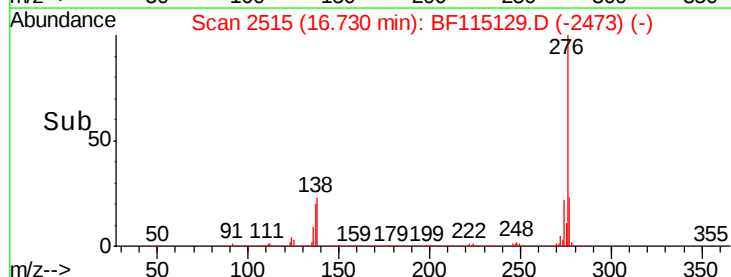
Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.6	28.0
138	23.4	19.8	29.6



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



Time--> 16.60 16.80