

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 05:42:53 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

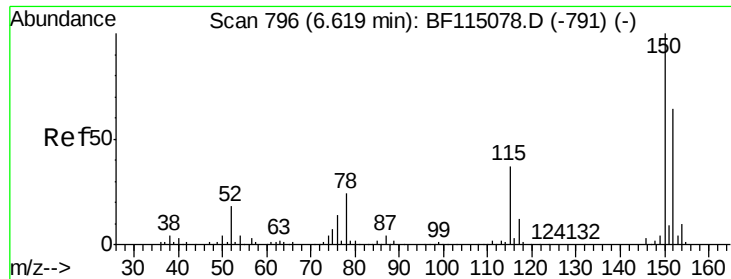
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062219\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	254871	28.513	ng	99
43) 2,4,6-Trichlorophenol	8.88	196	256273	22.020	ng	99
44) 2,4,5-Trichlorophenol	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	14.74	252	822226m	23.280	ng	
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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.61 min Scan# 795

Delta R.T. -0.01 min

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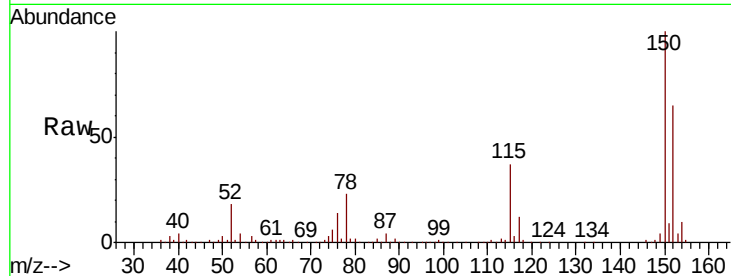
Tot Ion:152 Resp: 280797

Ion Ratio Lower Upper

152 100

150 154.8 124.2 186.2

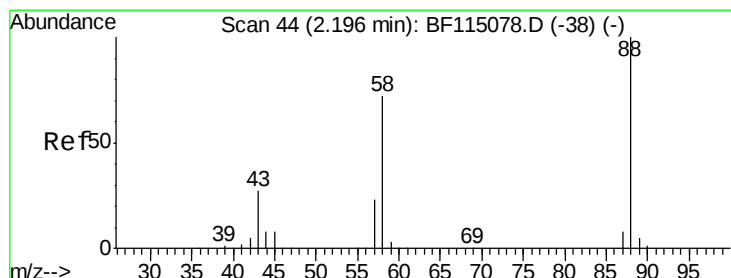
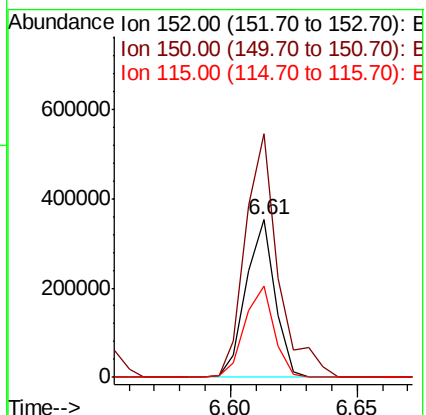
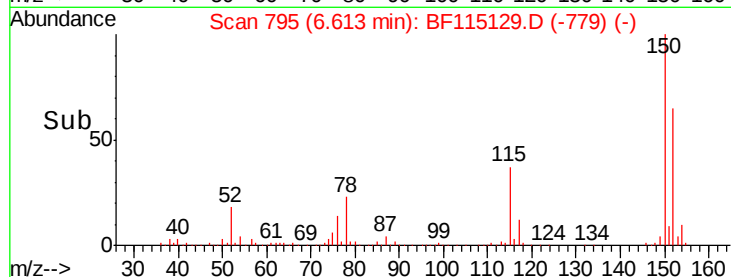
115 57.9 46.1 69.1



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



#2

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

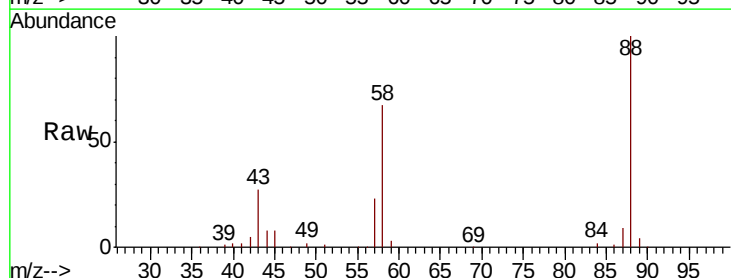
Tgt Ion: 88 Resp: 149007

Ion Ratio Lower Upper

88 100

58 69.9 56.1 84.1

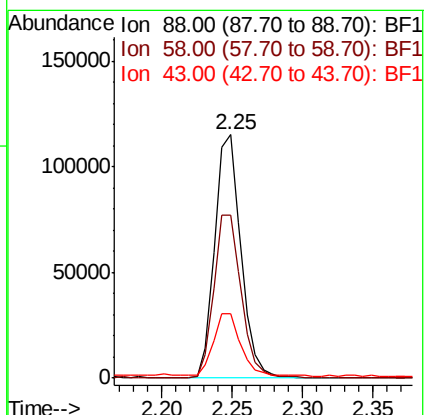
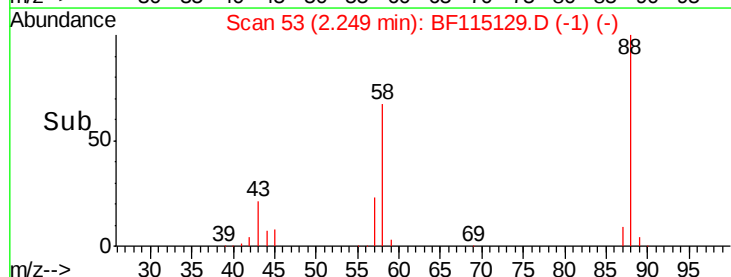
43 26.1 21.3 31.9

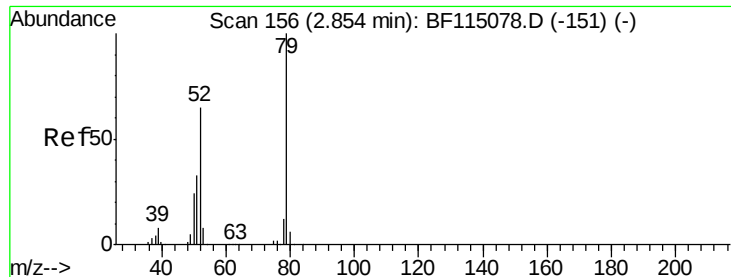


Abundance Ion 88.00 (87.70 to 88.70): BF1

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 :

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ClientSampleId :

SAMPLE-4MS

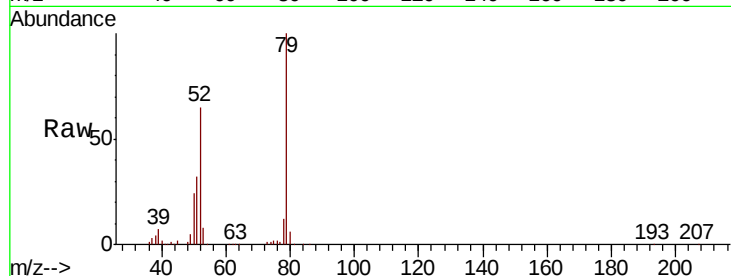
Tot Ion: 79 Resp: 376384

Ion Ratio Lower Upper

79 100

52 65.5 52.3 78.5

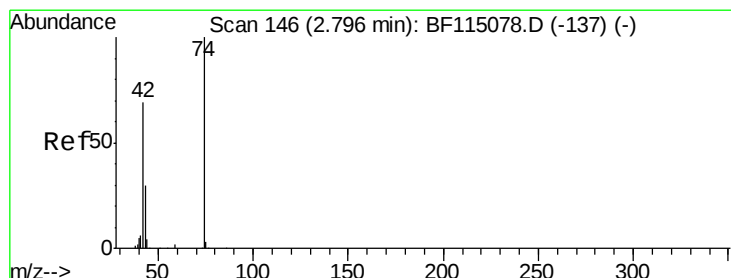
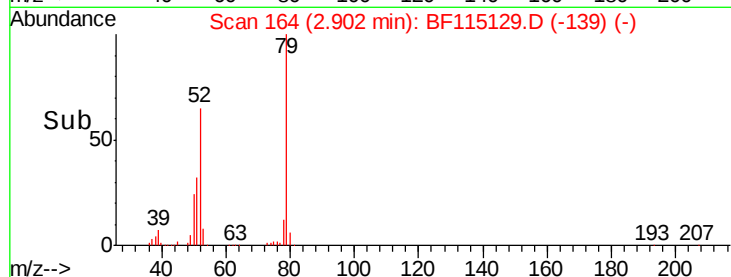
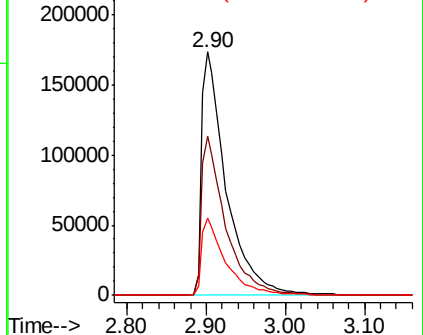
51 31.9 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 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

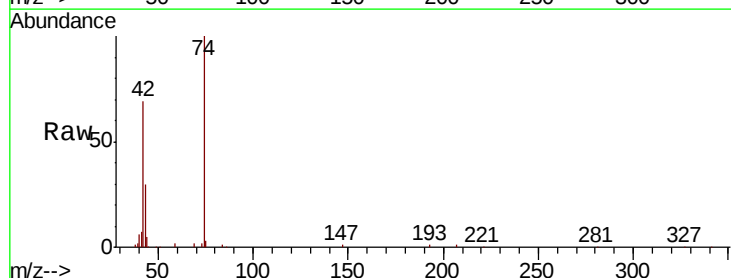
Tgt Ion: 42 Resp: 177370

Ion Ratio Lower Upper

42 100

74 145.3 116.6 175.0

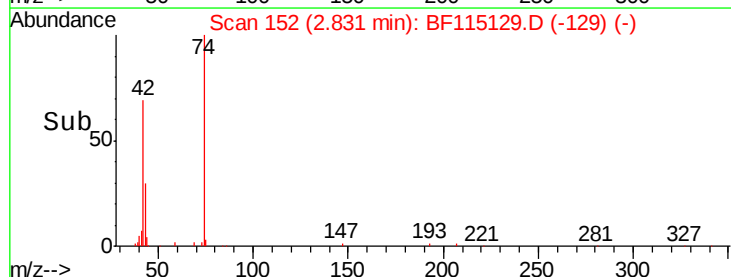
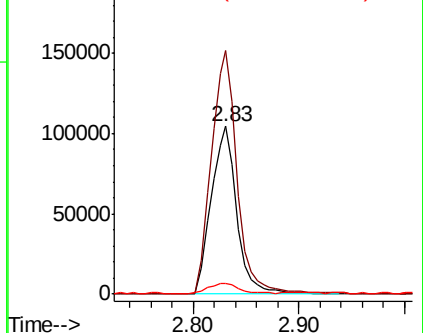
44 6.6 5.3 7.9



Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 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

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SAMPLE-4MS

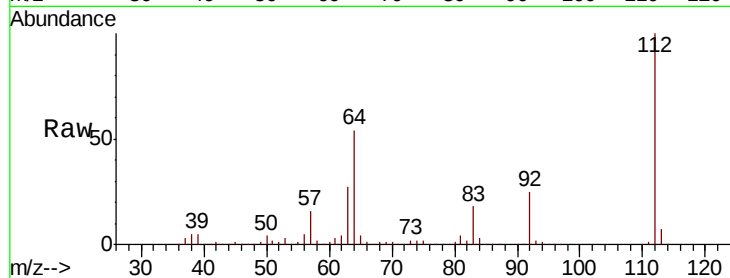
Tot Ion: 112 Resp: 1206987

Ion Ratio Lower Upper

112 100

64 53.8 43.8 65.6

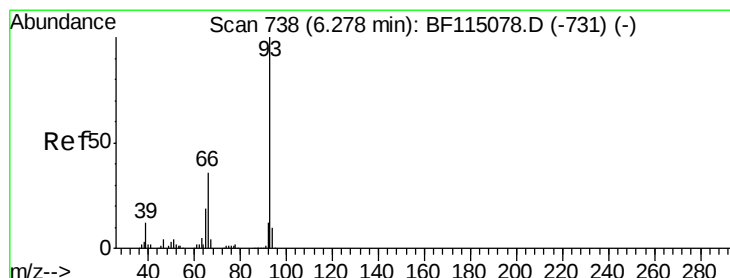
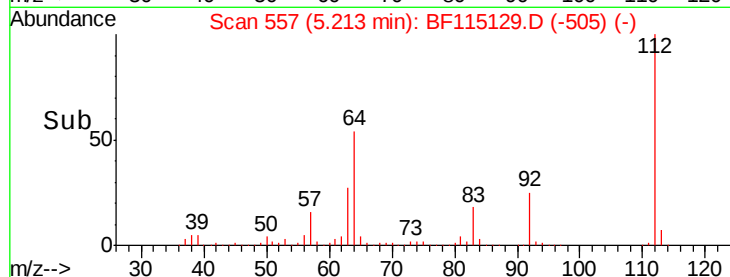
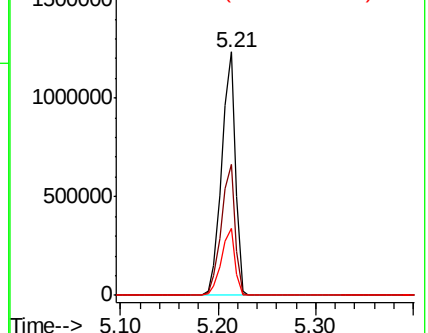
63 27.3 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): BF115078.D (-549) (-)

Ion 64.00 (63.70 to 64.70): BF115078.D (-549) (-)

Ion 63.00 (62.70 to 63.70): BF115078.D (-549) (-)



#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

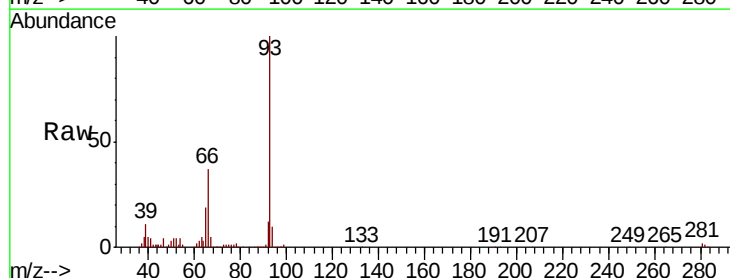
Tgt Ion: 93 Resp: 292489

Ion Ratio Lower Upper

93 100

66 36.8 30.0 45.0

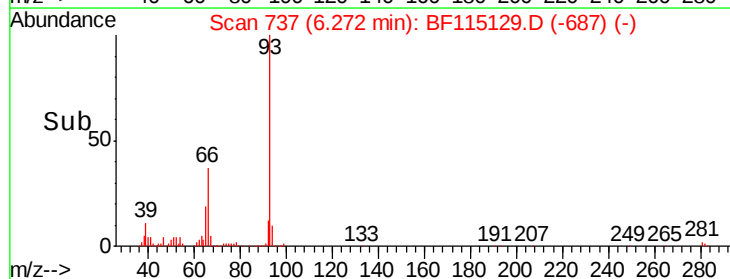
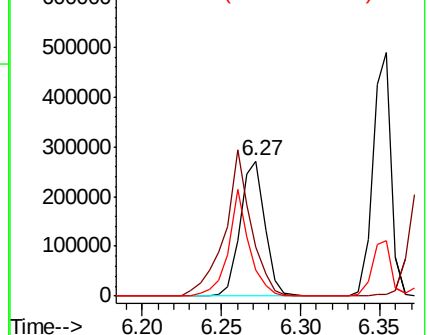
65 18.9 15.6 23.4



Abundance Ion 93.00 (92.70 to 93.70): BF115078.D (-731) (-)

Ion 66.00 (65.70 to 66.70): BF115078.D (-731) (-)

Ion 65.00 (64.70 to 65.70): BF115078.D (-731) (-)





#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

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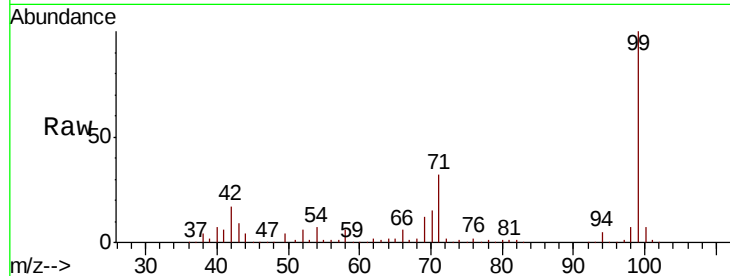
Tot Ion: 99 Resp: 1538514

Ion Ratio Lower Upper

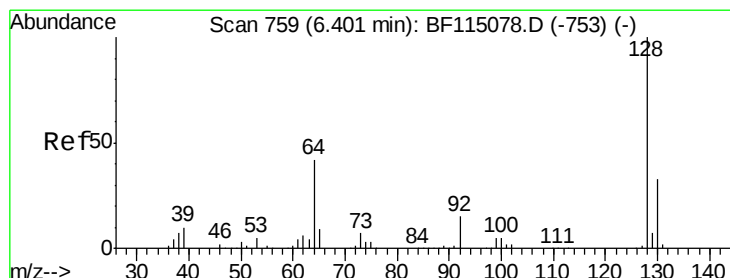
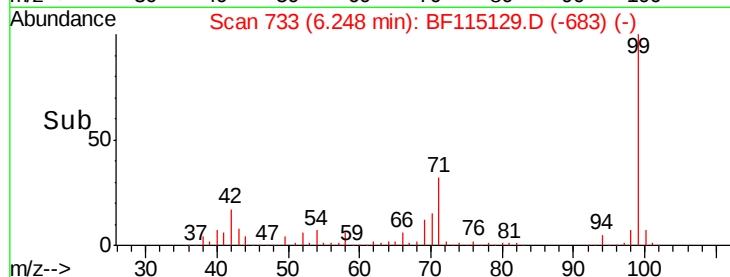
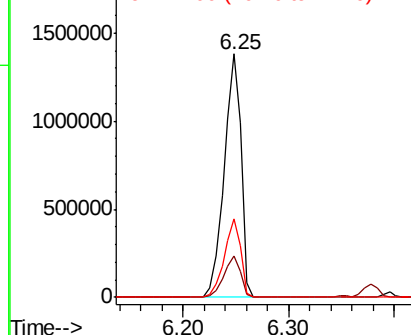
99 100

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

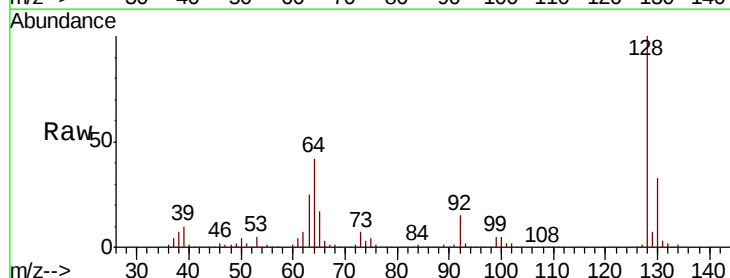
Tgt Ion:128 Resp: 432344

Ion Ratio Lower Upper

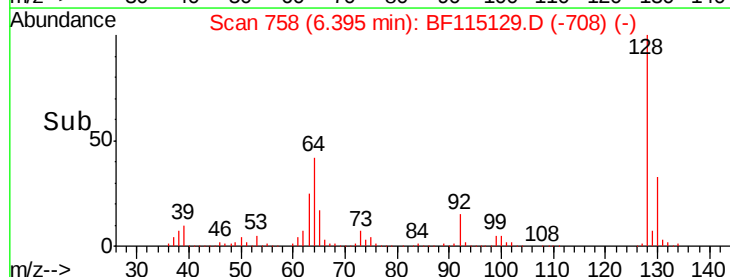
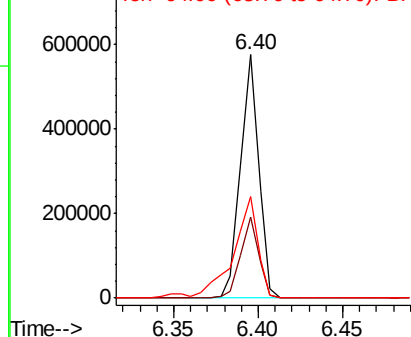
128 100

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

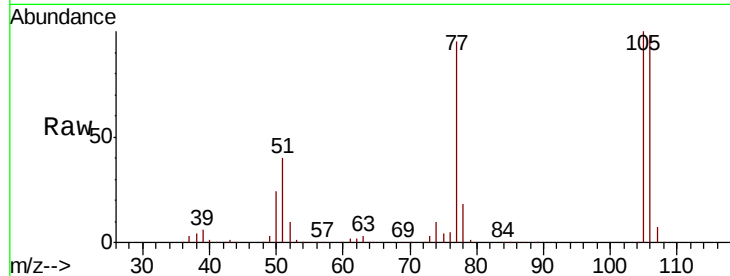




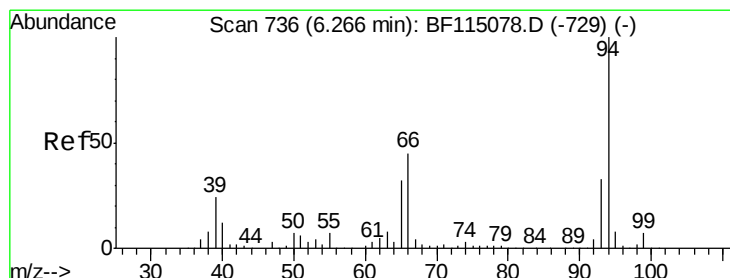
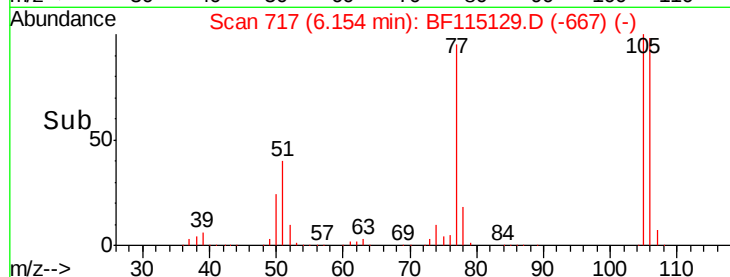
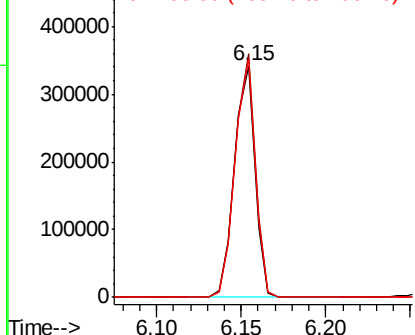
#9
Benzaldehyde
Concen: 19.907 ng
RT: 6.15 min Scan# 717
Delta R.T. -0.01 min
Lab File: BF115129.D
Acq: 22 Jun 2019 19:03

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

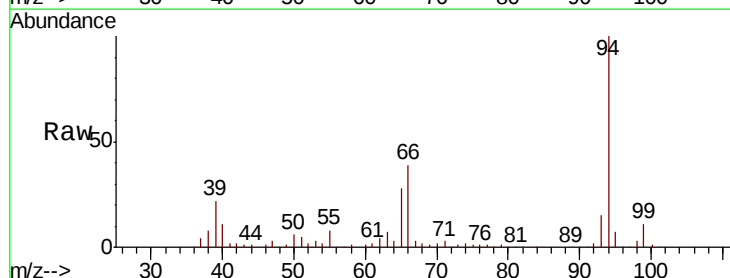


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

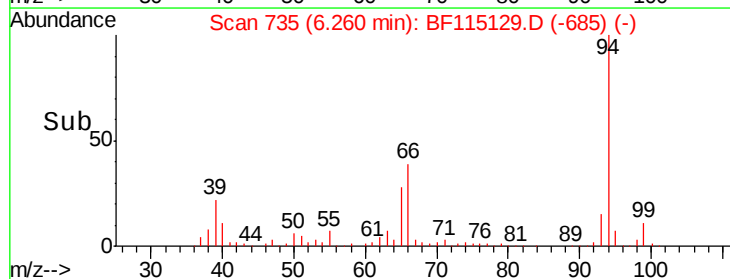
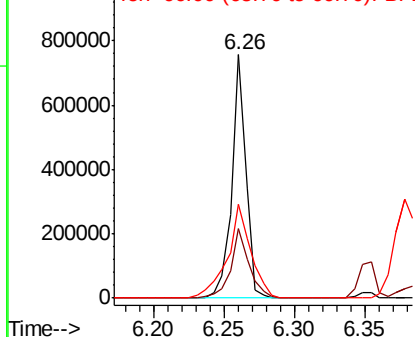


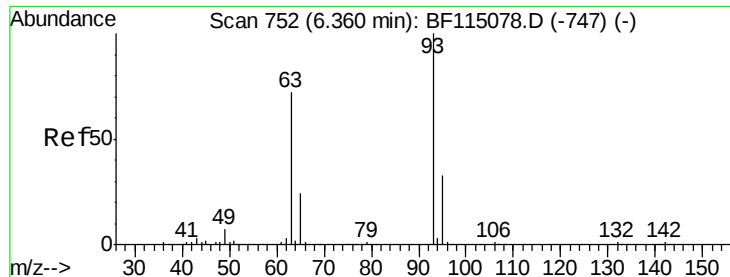
#10
Phenol
Concen: 20.352 ng
RT: 6.26 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF115129.D
Acq: 22 Jun 2019 19:03

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

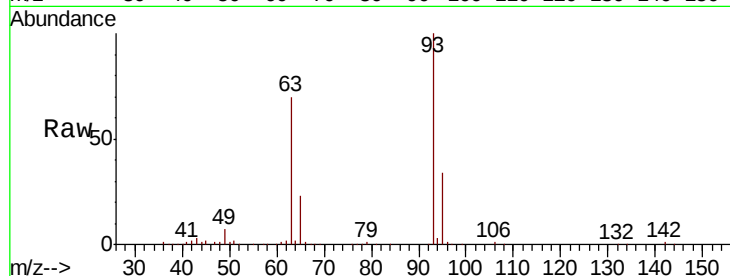
Tot Ion: 93 Resp: 393199

Ion Ratio Lower Upper

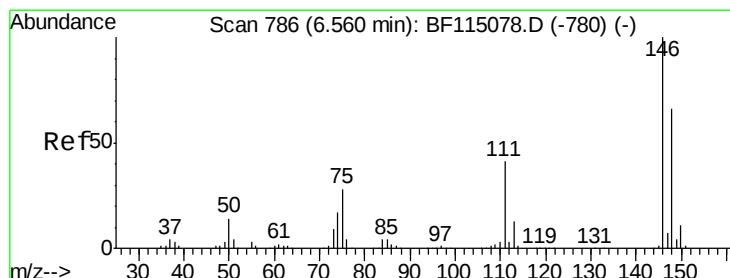
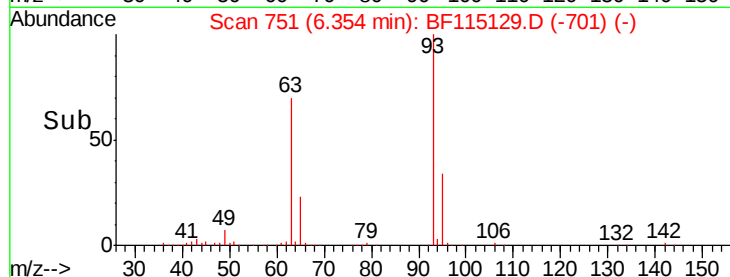
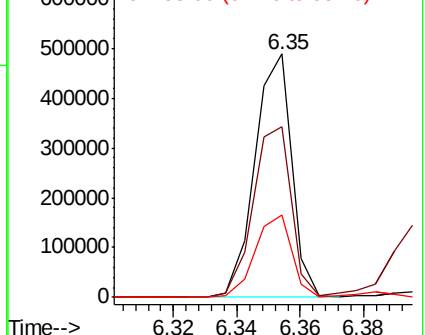
93 100

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

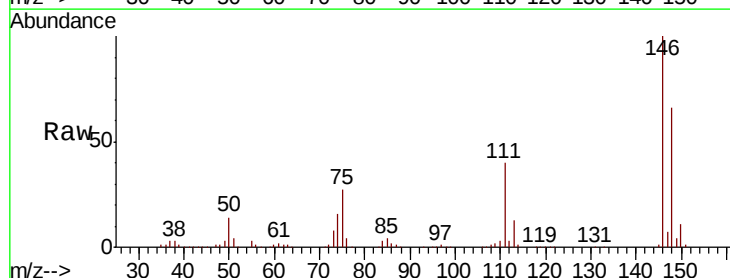
Tgt Ion: 146 Resp: 458457

Ion Ratio Lower Upper

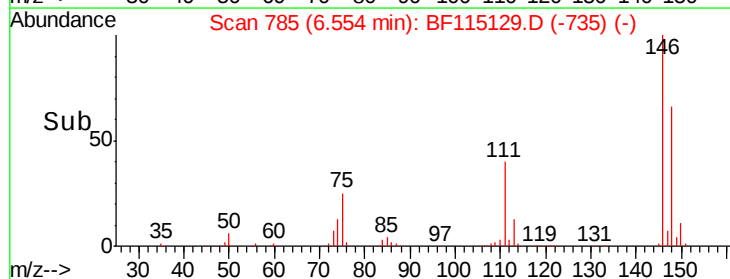
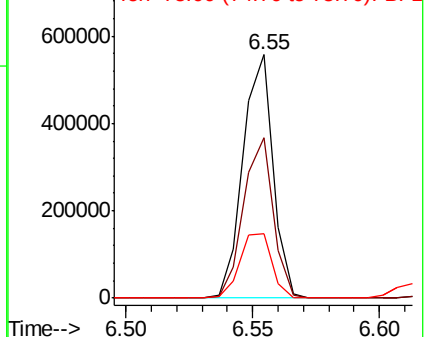
146 100

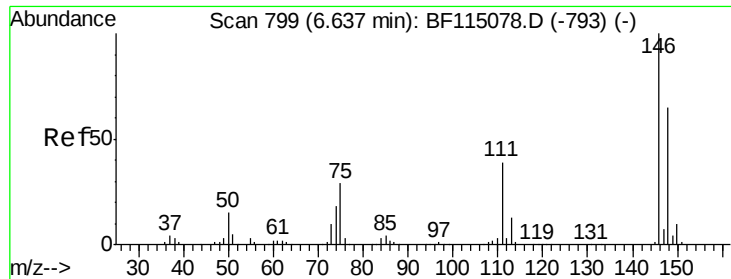
148 65.8 52.6 78.8

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

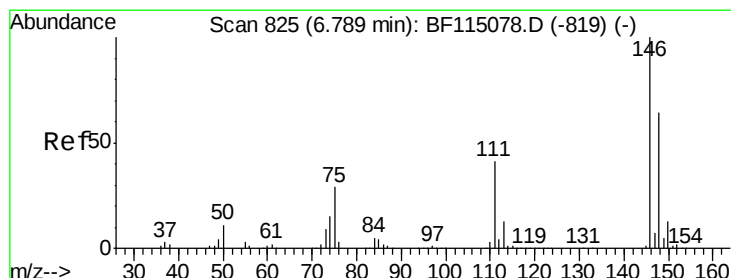
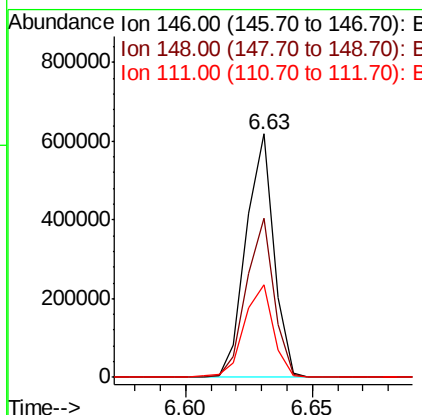
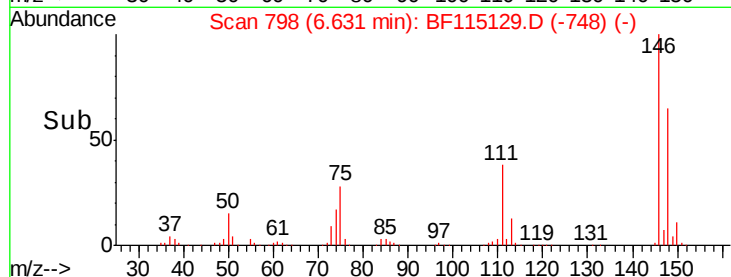
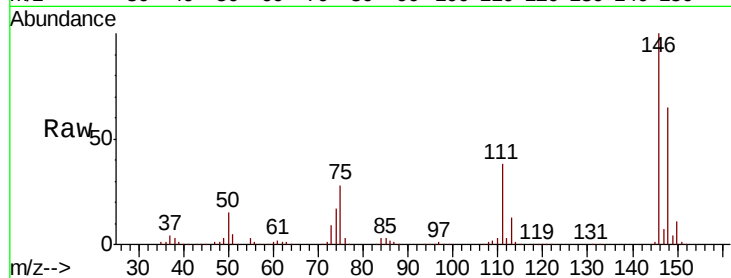




#13
 1,4-Dichlorobenzene
 Concen: 20.727 ng
 RT: 6.63 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF115129.D
 Acq: 22 Jun 2019 19:03

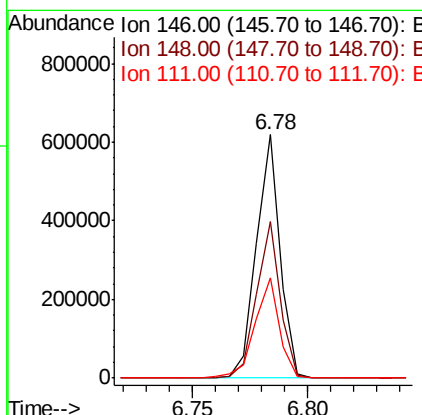
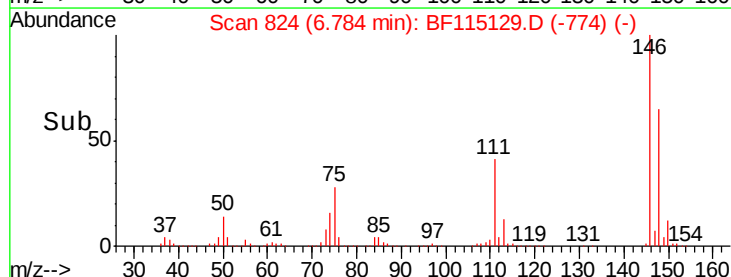
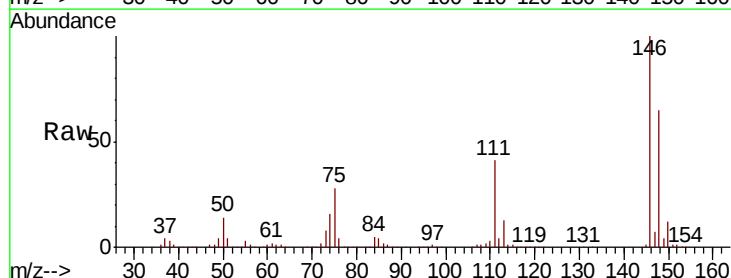
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4MS

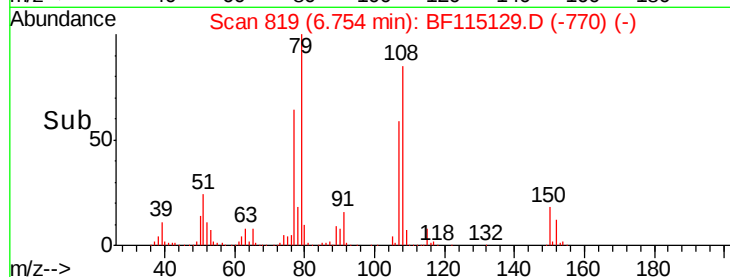
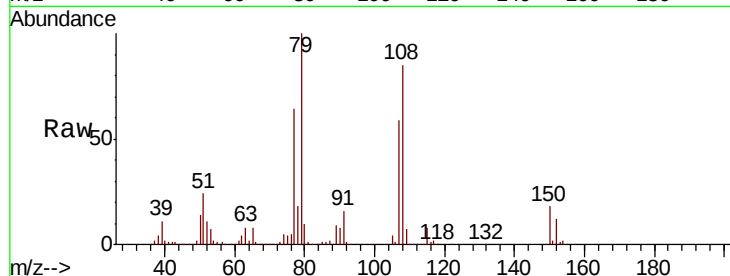
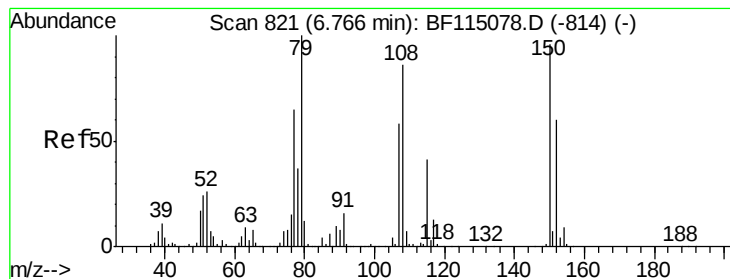
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.9	77.9
111	38.2	31.4	47.0



#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

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MS

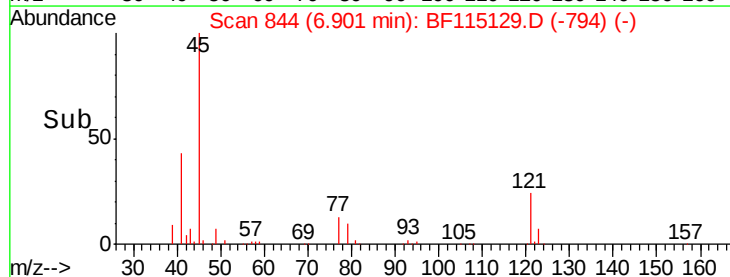
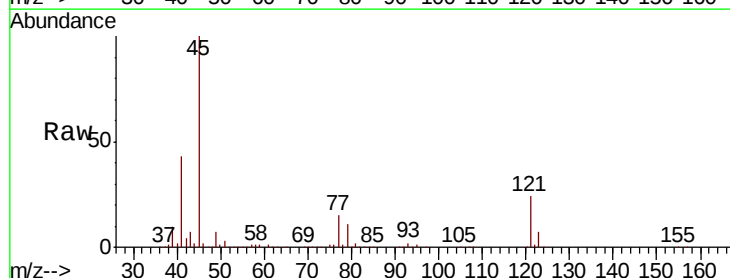
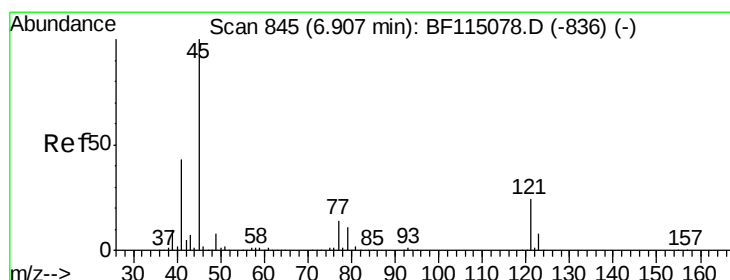
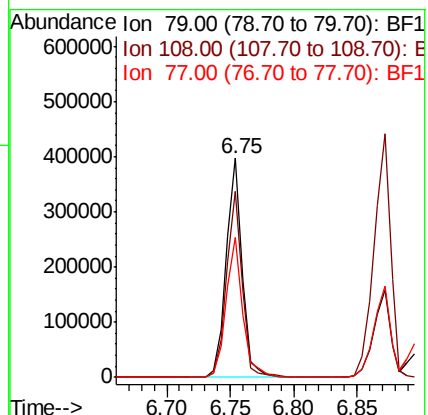
Tot Ion: 79 Resp: 348727

Ion Ratio Lower Upper

79 100

108 84.8 68.7 103.1

77 64.0 51.7 77.5



#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

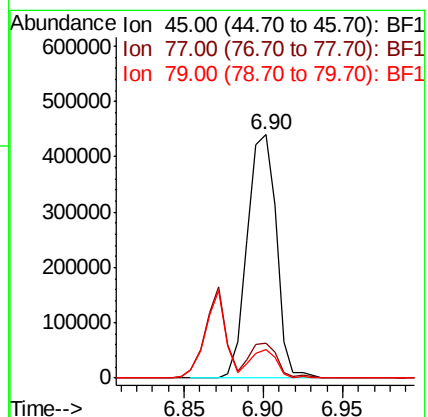
Tgt Ion: 45 Resp: 560569

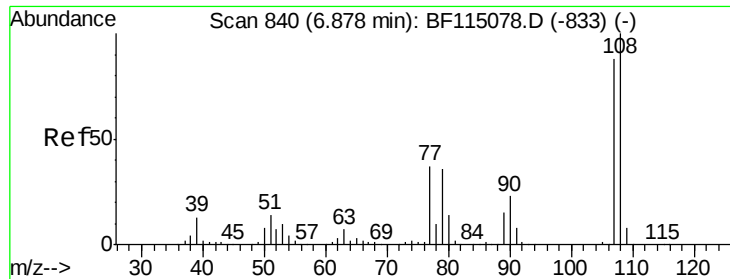
Ion Ratio Lower Upper

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

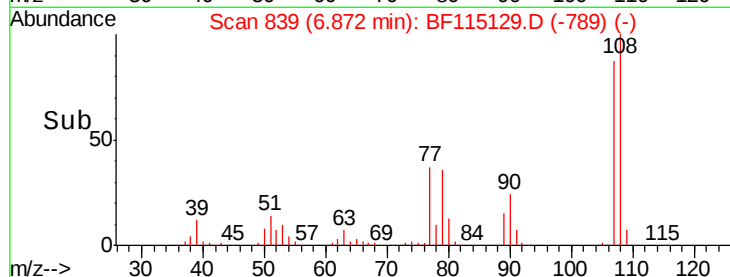
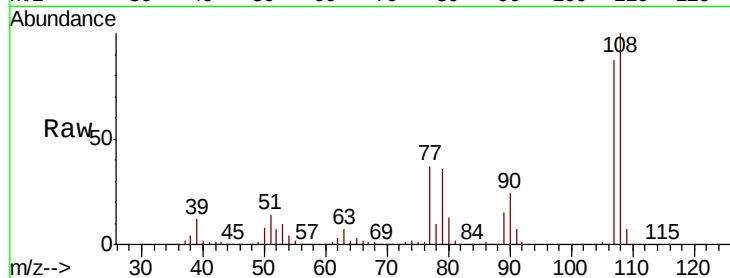
Ion Ratio Lower Upper

107 100

108 114.3 90.9 136.3

77 42.7 33.4 50.2

79 41.2 32.3 48.5

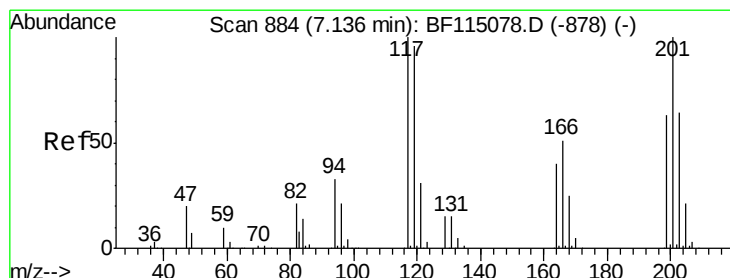
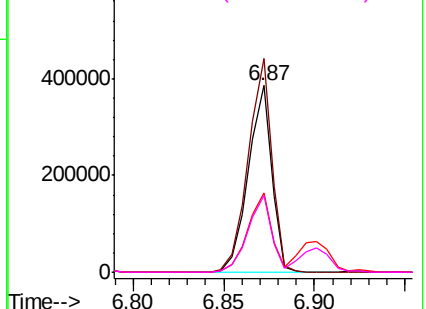


Abundance Ion 107.00 (106.70 to 107.70): E

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

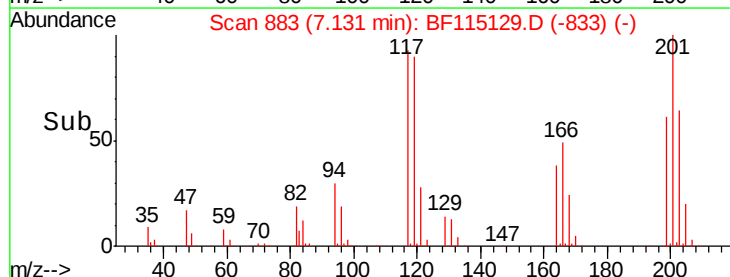
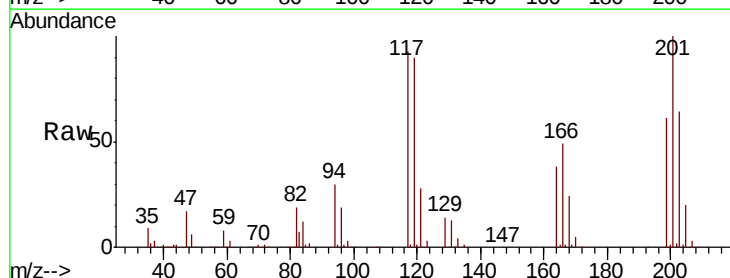
Tgt Ion:117 Resp: 163966

Ion Ratio Lower Upper

117 100

119 96.9 76.6 114.8

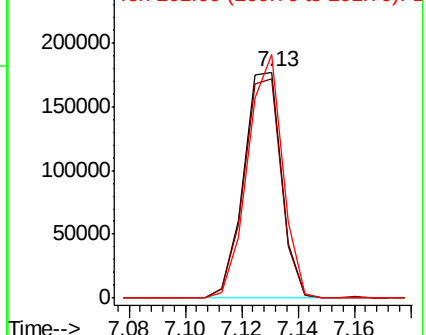
201 107.8 80.2 120.2

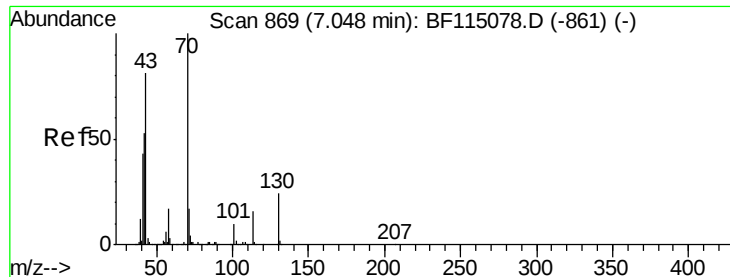


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

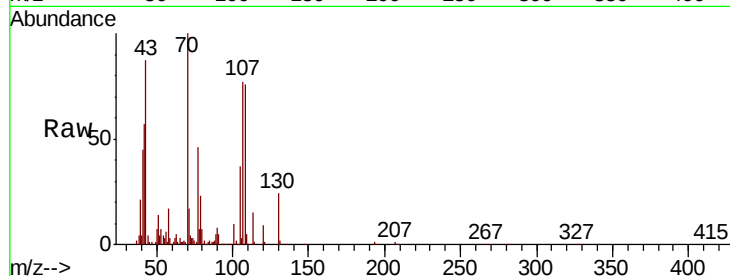




#19
n-Nitroso-di-n-propylamine
Concen: 20.045 ng
RT: 7.03 min Scan# 866
Delta R.T. -0.02 min
Lab File: BF115129.D
Acq: 22 Jun 2019 19:03

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



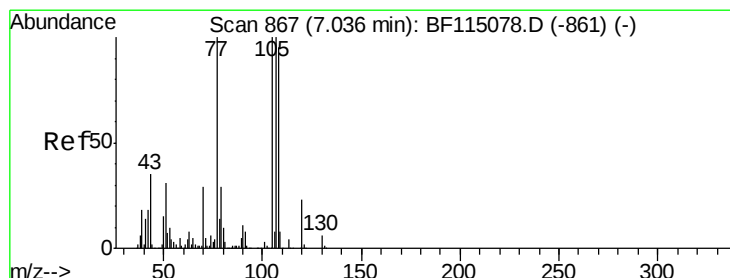
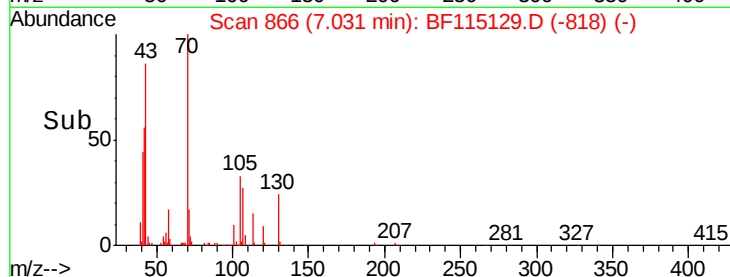
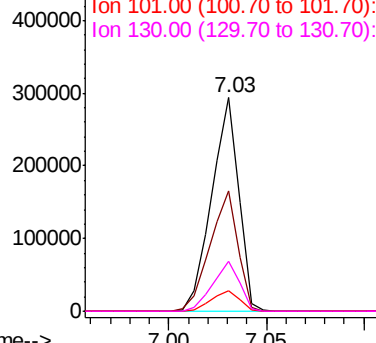
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

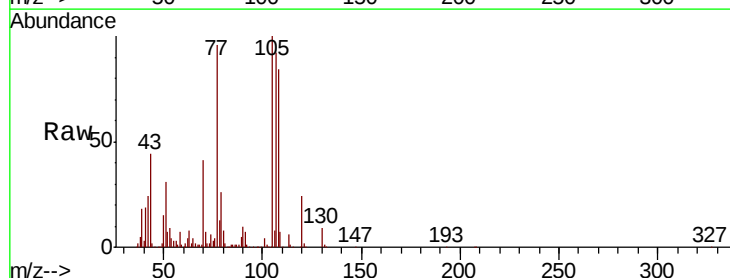
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#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



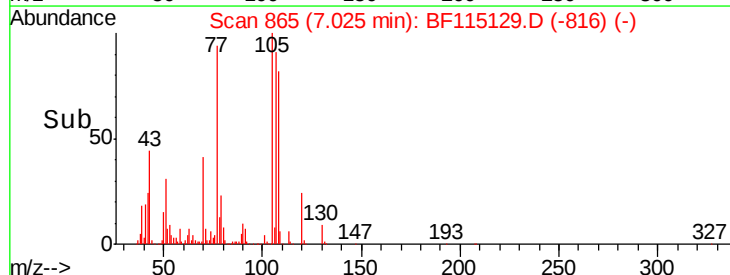
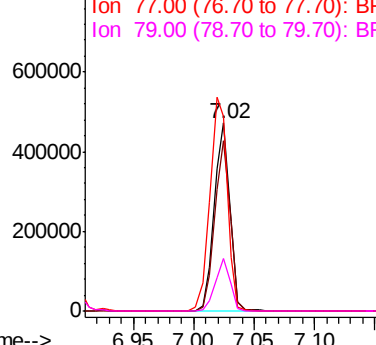
Abundance

Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

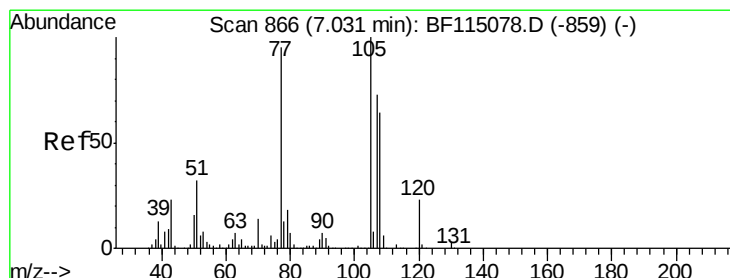
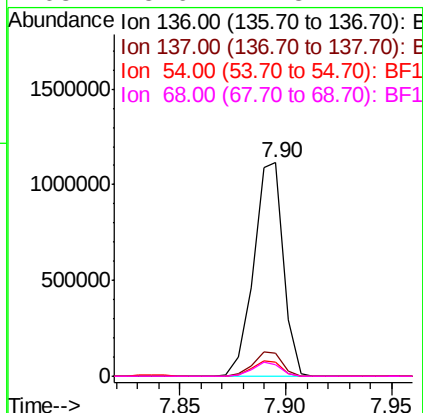
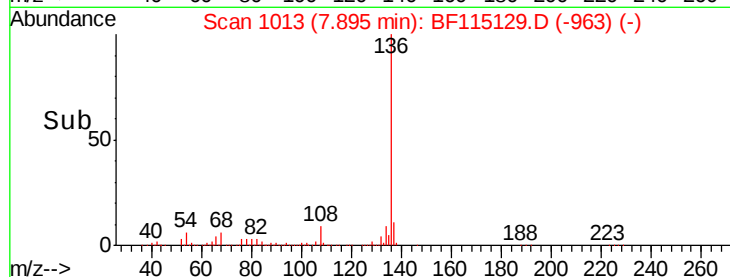
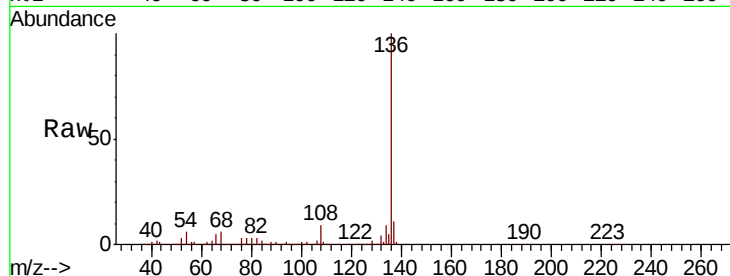




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.90 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF115129.D
Acq: 22 Jun 2019 19:03

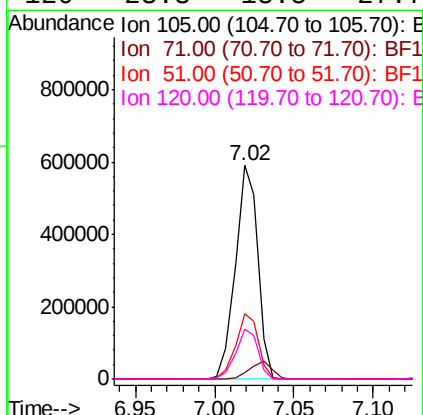
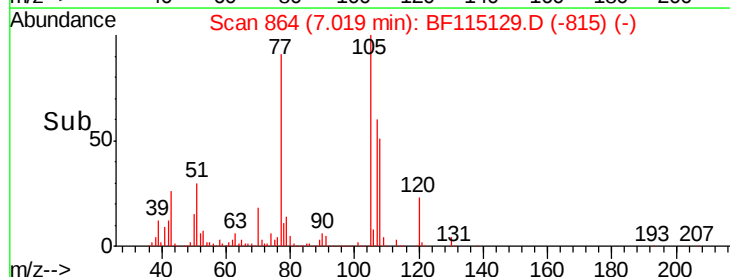
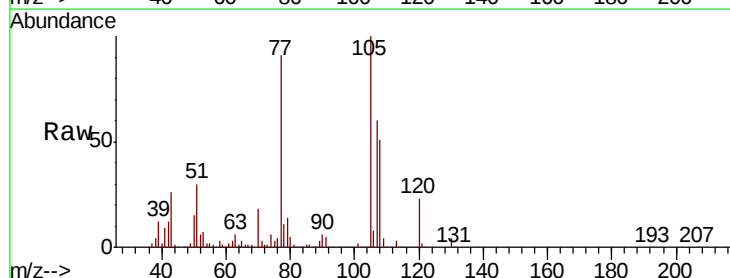
Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

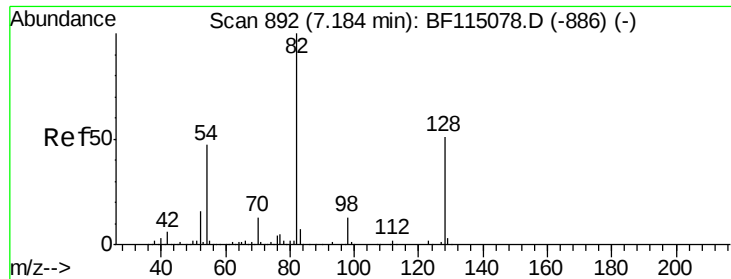
Tot Ion:136	Resp: 1088756
Ion Ratio	Lower Upper
136 100	
137 11.0	8.9 13.3
54 6.5	5.6 8.4
68 5.6	4.8 7.2



#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

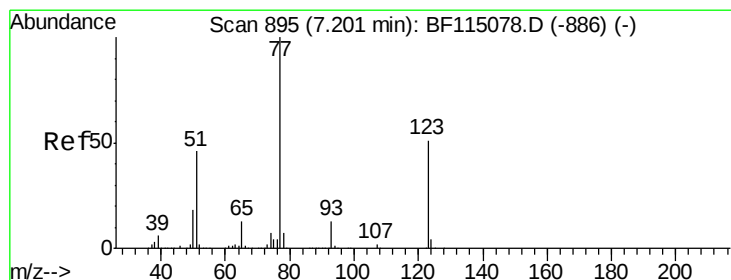
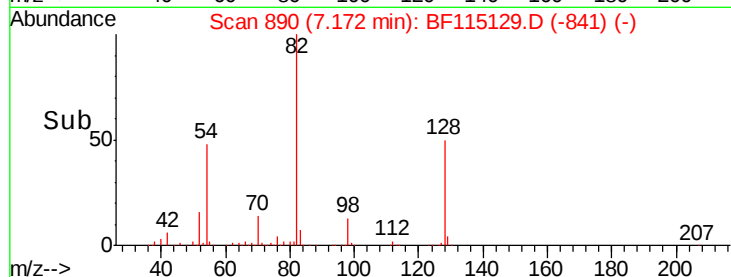
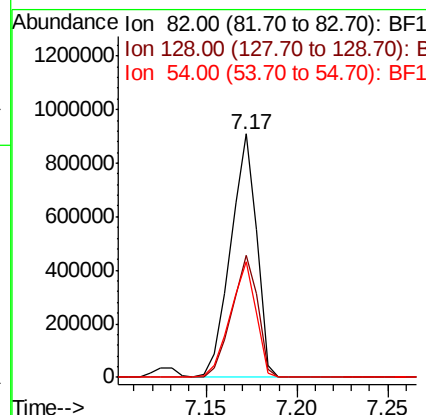
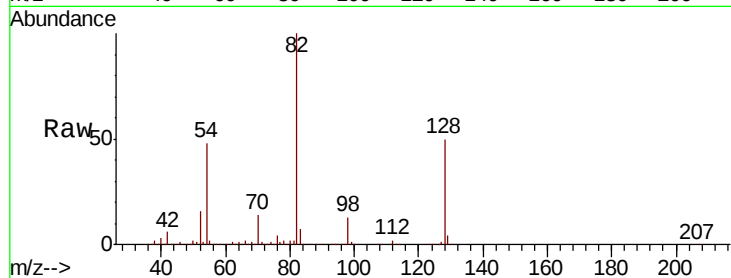




#23
Nitrobenzene-d5
Concen: 51.260 ng
RT: 7.17 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF115129.D
Acq: 22 Jun 2019 19:03

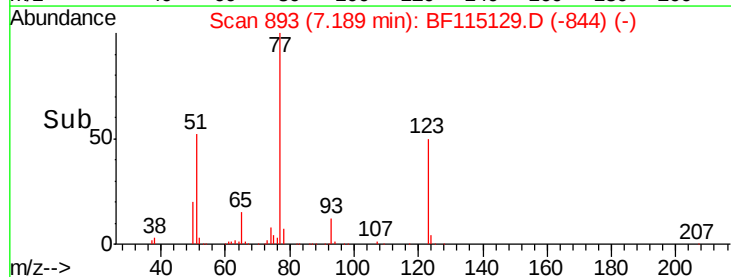
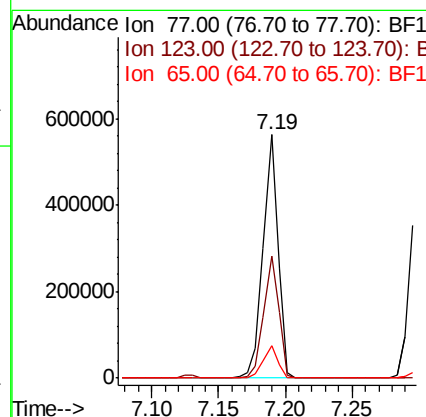
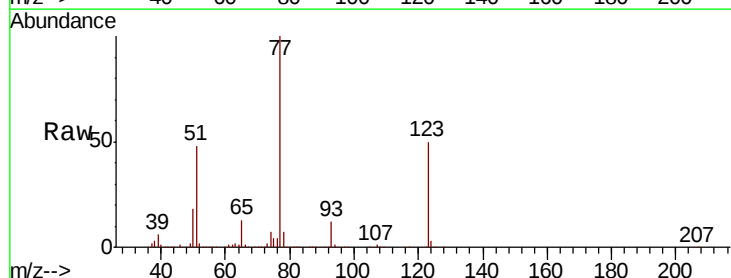
Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

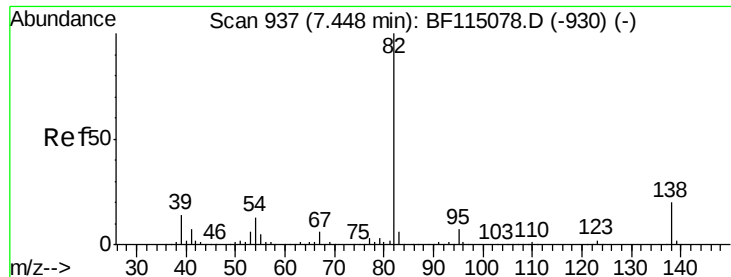
Tot Ion	82	Resp	907239
Ion Ratio	Lower	Upper	
82	100		
128	50.0	40.4	60.6
54	47.7	37.5	56.3



#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

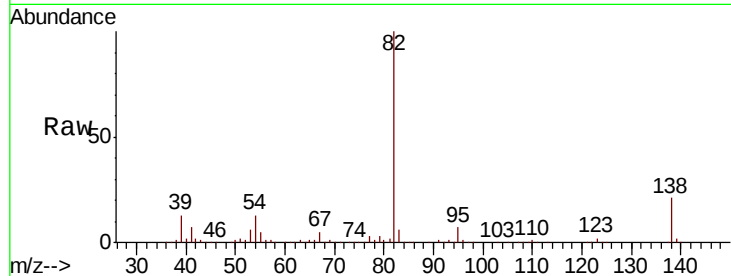




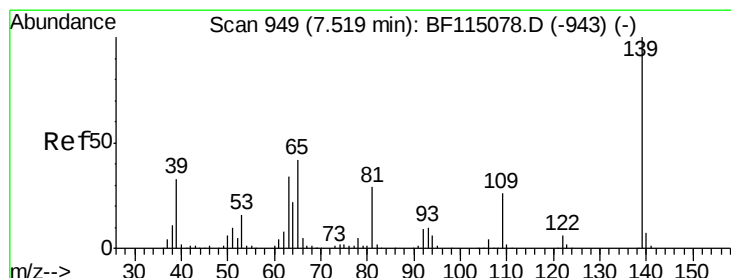
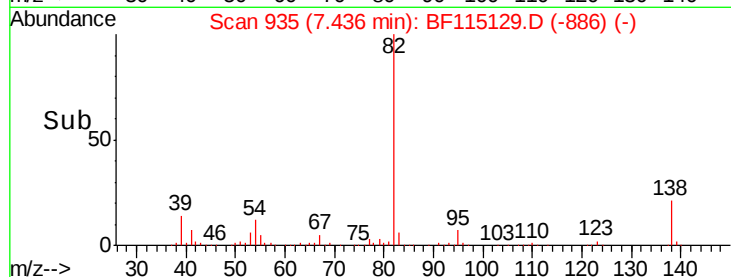
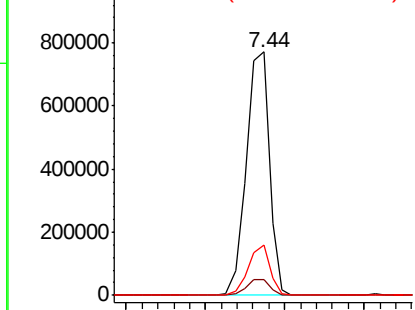
#25
Isophorone
Concen: 21.488 ng
RT: 7.44 min Scan# 935
Delta R.T. -0.01 min
Lab File: BF115129.D
Acq: 22 Jun 2019 19:03

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

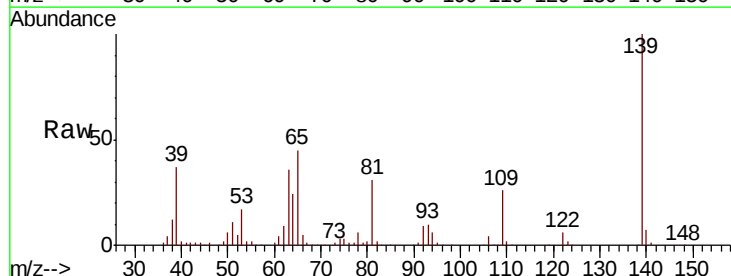


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

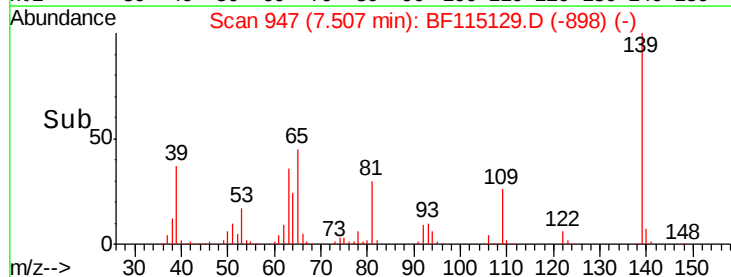
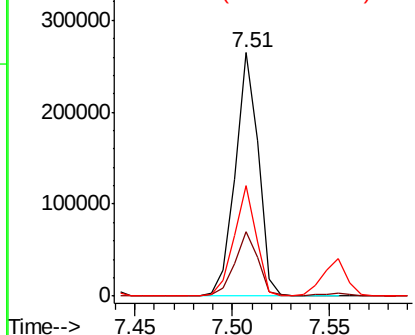


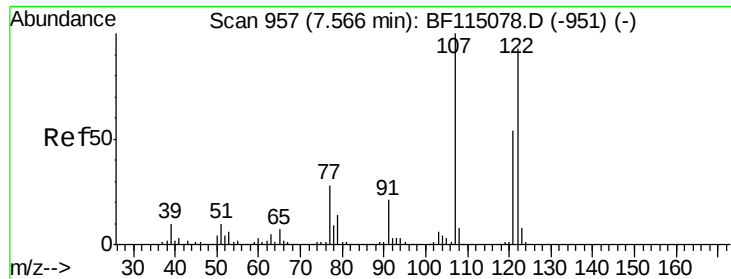
#26
2-Nitrophenol
Concen: 22.509 ng
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF115129.D
Acq: 22 Jun 2019 19:03

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): BF1
Ion 109.00 (108.70 to 109.70): BF1
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

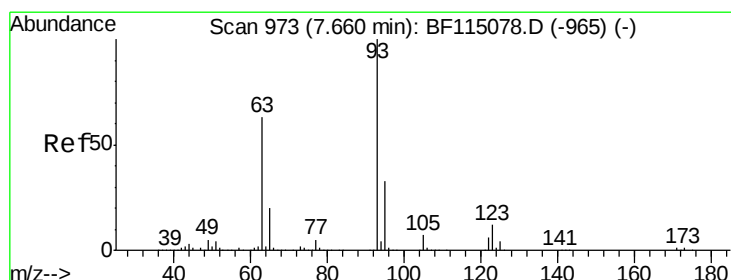
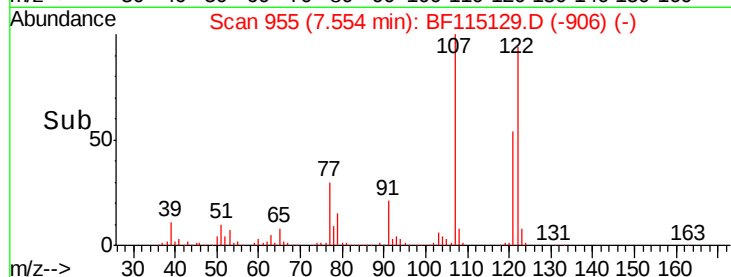
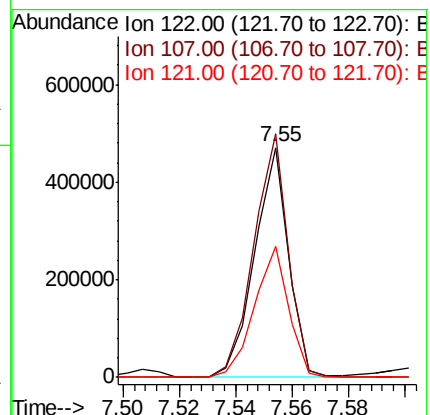
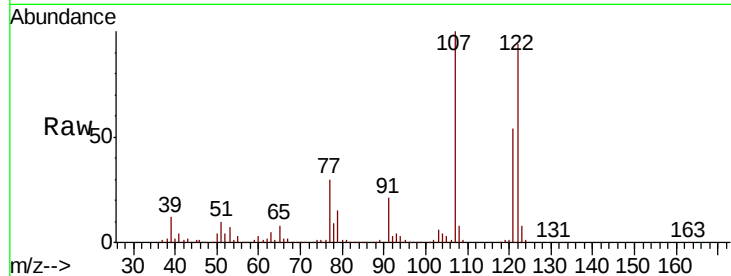
Tot Ion:122 Resp: 393687

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

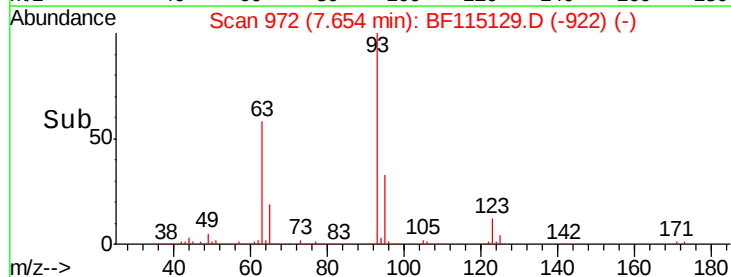
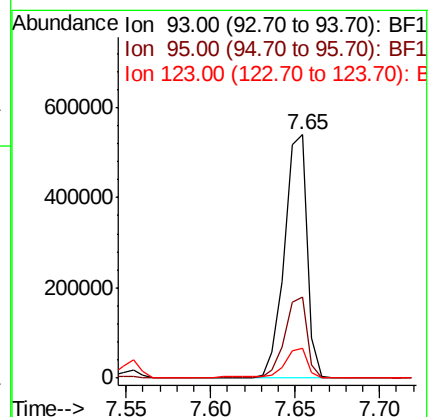
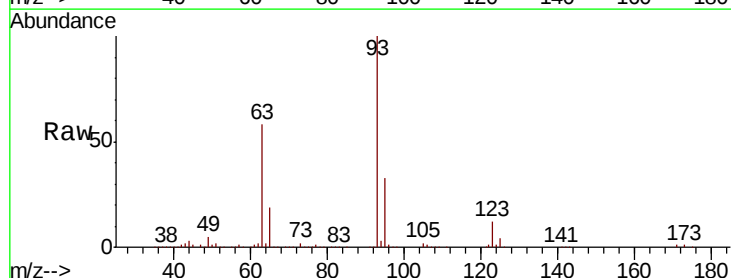
Tgt Ion: 93 Resp: 504204

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

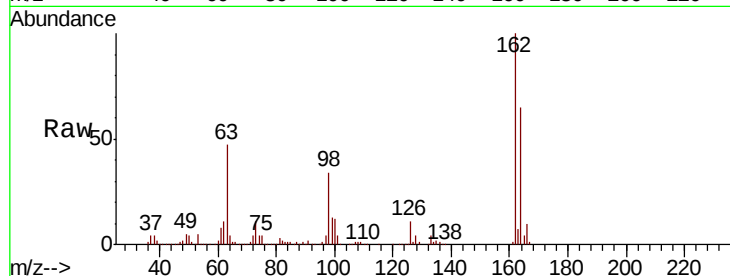
Tot Ion:162 Resp: 357745

Ion Ratio Lower Upper

162 100

164 64.9 45.3 85.3

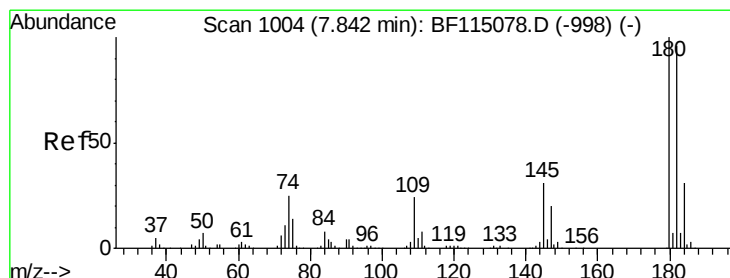
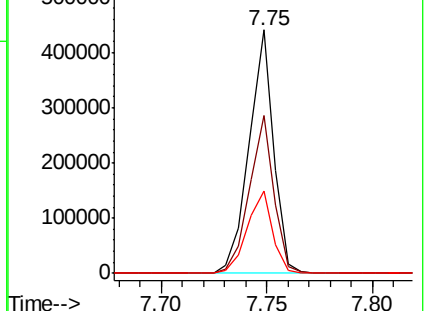
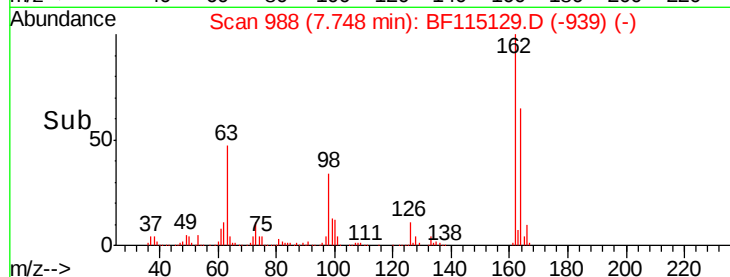
98 34.1 12.5 52.5



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

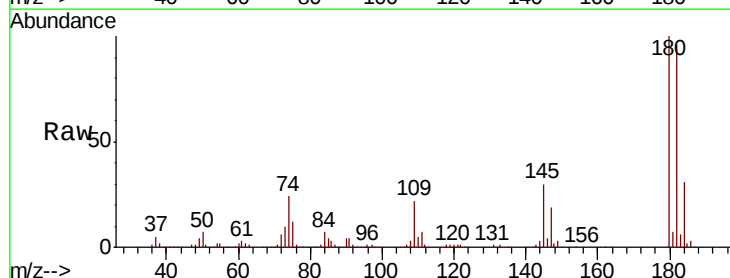
Tgt Ion:180 Resp: 393362

Ion Ratio Lower Upper

180 100

182 95.5 76.4 114.6

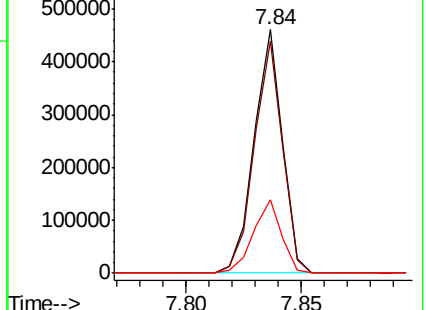
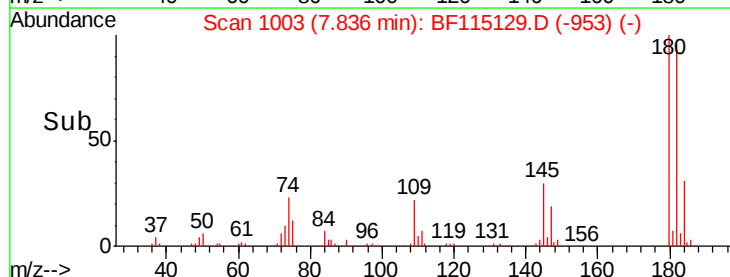
145 30.0 24.8 37.2

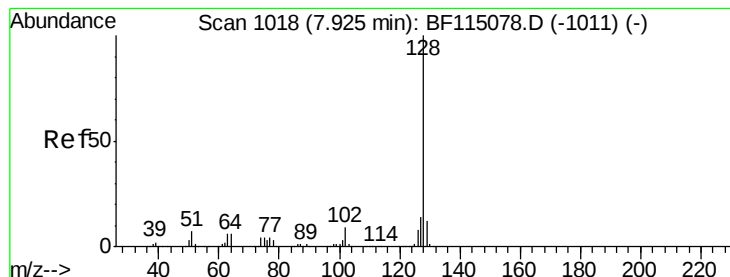


Abundance Ion 180.00 (179.70 to 180.70): E

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

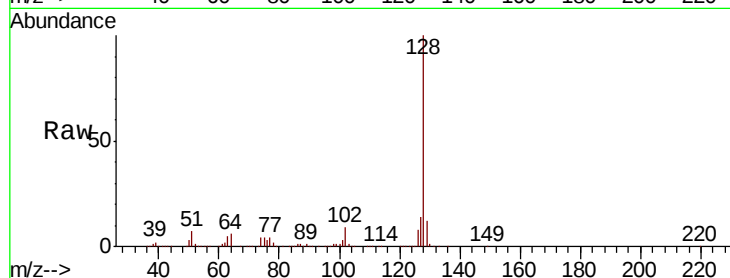
Tot Ion:128 Resp: 1244755

Ion Ratio Lower Upper

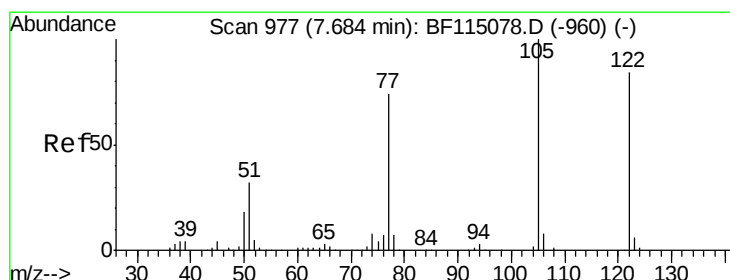
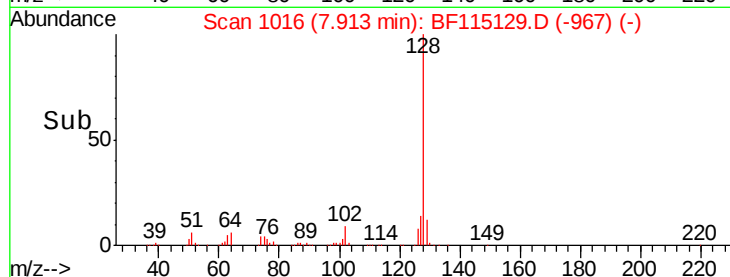
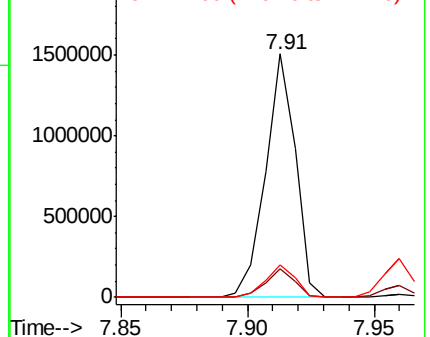
128 100

129 11.7 9.6 14.4

127 13.6 11.4 17.0



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



#32

Benzoic acid

Concen: 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

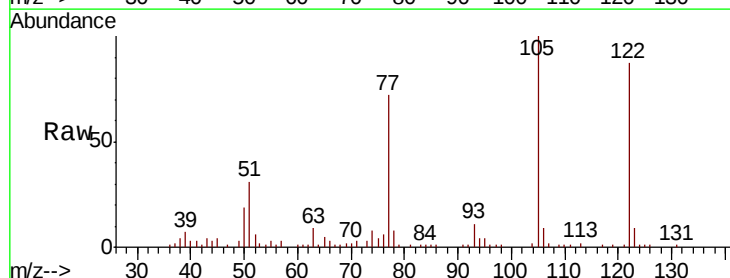
Tgt Ion:122 Resp: 109120

Ion Ratio Lower Upper

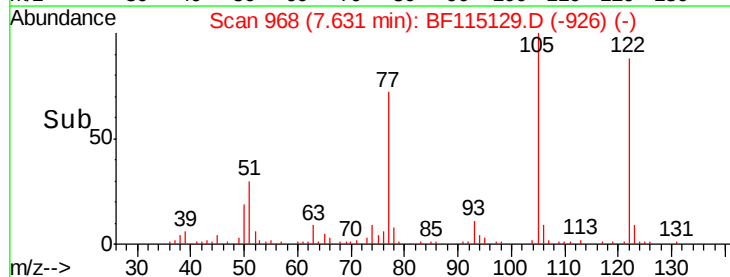
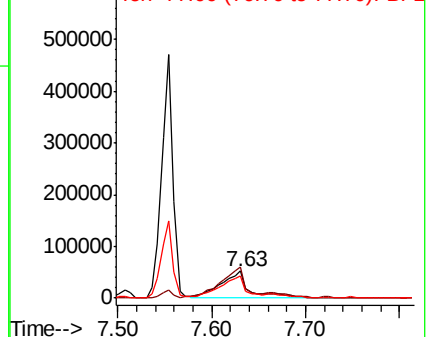
122 100

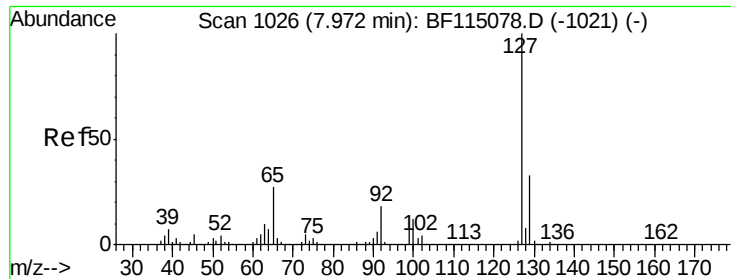
105 114.4 98.2 138.2

77 82.8 67.0 107.0



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

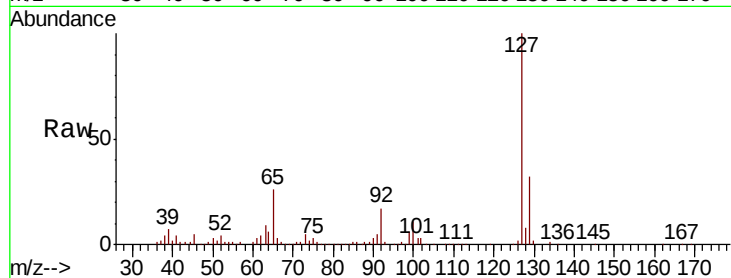




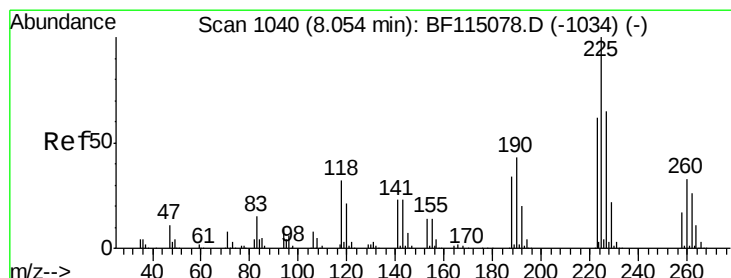
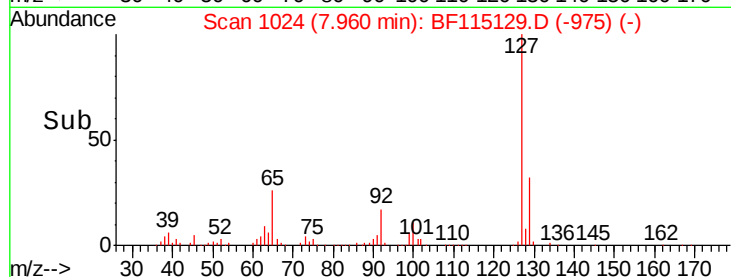
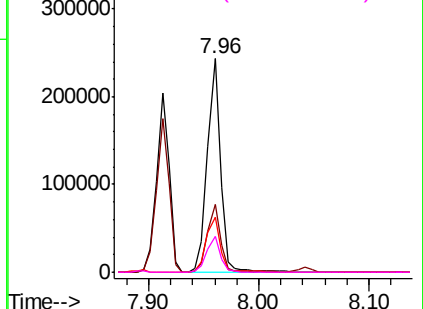
#33
4-Chloroaniline
Concen: 8.014 ng
RT: 7.96 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF115129.D
Acq: 22 Jun 2019 19:03

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

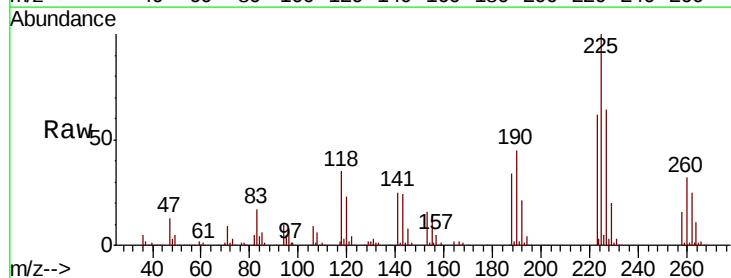


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

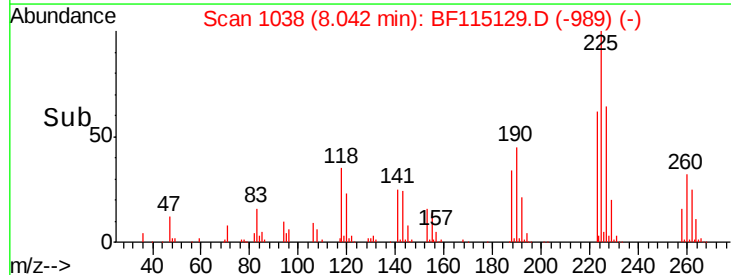
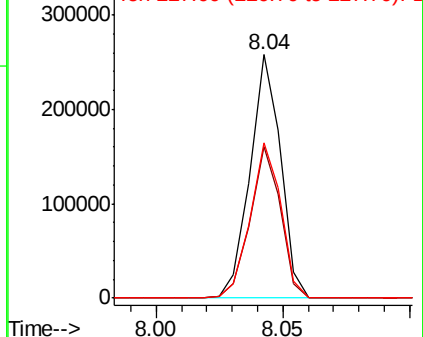


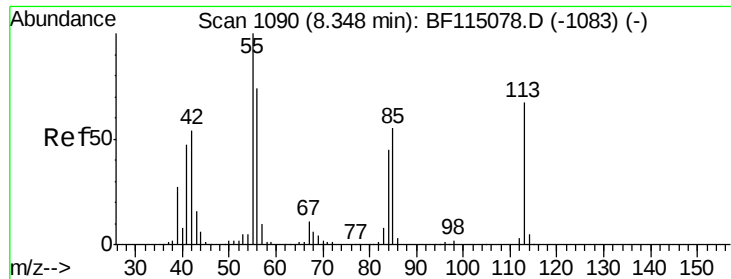
#34
Hexachlorobutadiene
Concen: 21.921 ng
RT: 8.04 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF115129.D
Acq: 22 Jun 2019 19:03

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



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

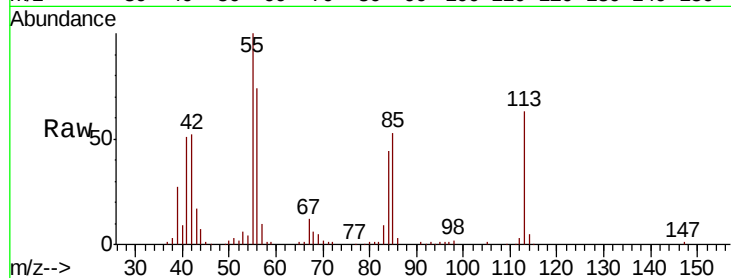




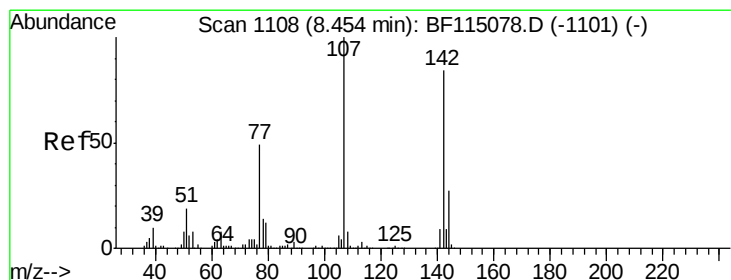
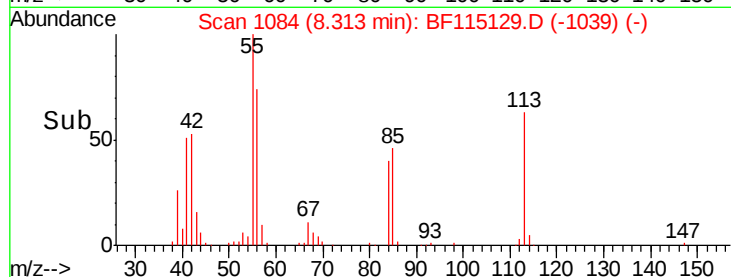
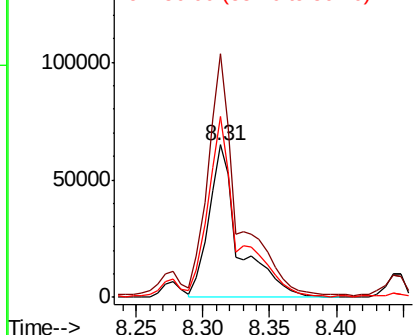
#35
 Caprolactam
 Concen: 18.762 ng
 RT: 8.31 min Scan# 1084
 Delta R.T. -0.04 min
 Lab File: BF115129.D
 Acq: 22 Jun 2019 19:03

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

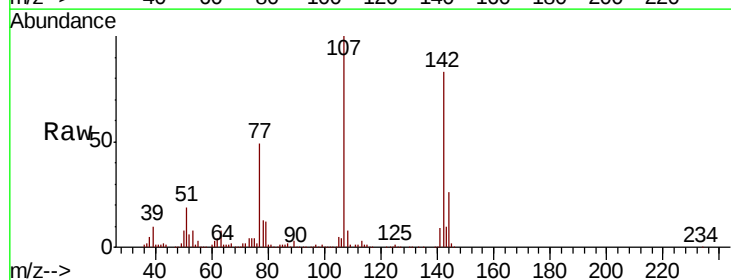


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

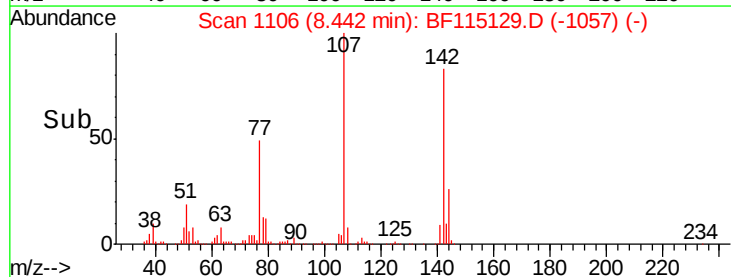
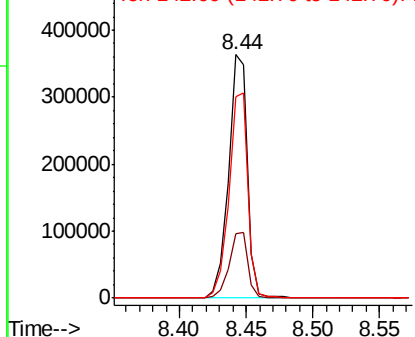


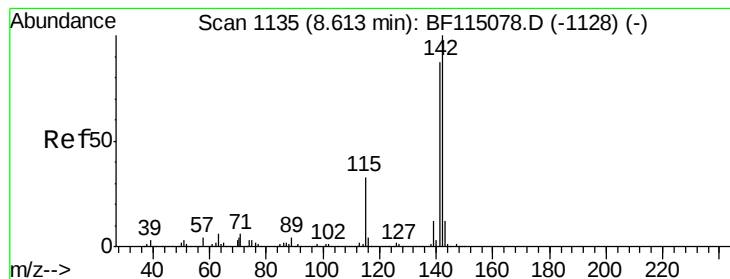
#36
 4-Chloro-3-methylphenol
 Concen: 22.064 ng
 RT: 8.44 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: BF115129.D
 Acq: 22 Jun 2019 19:03

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

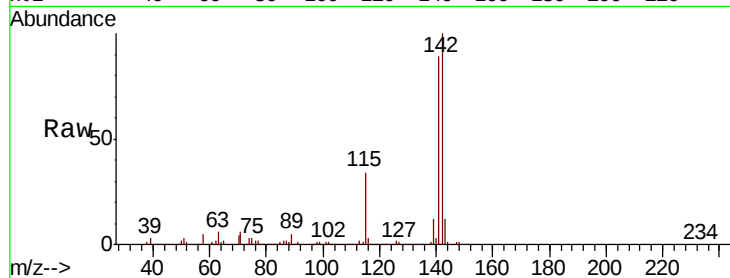
Tot Ion:142 Resp: 843753

Ion Ratio Lower Upper

142 100

141 89.0 69.8 104.6

115 33.6 26.7 40.1

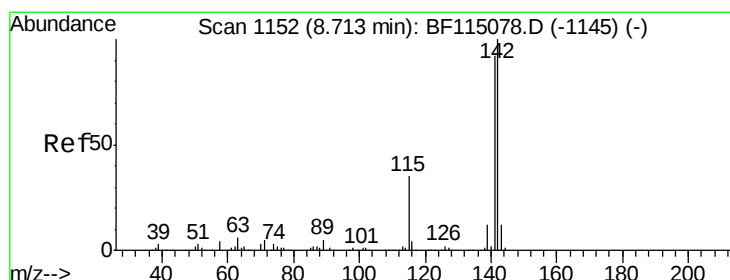
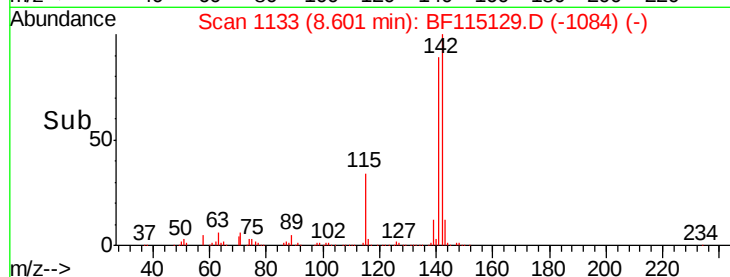
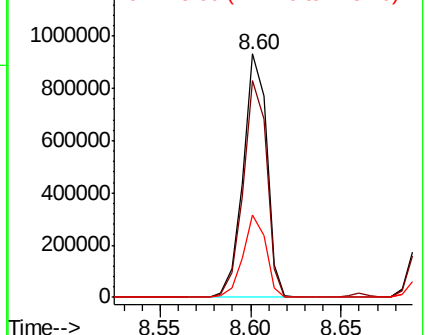


Abundance

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

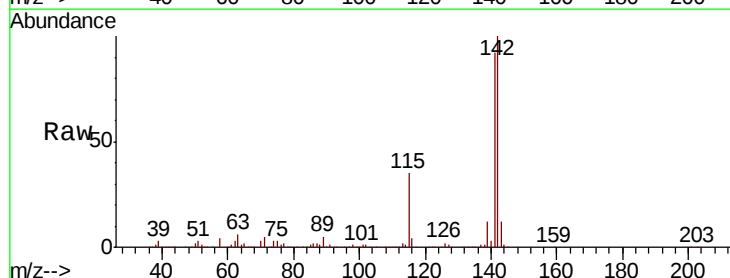
Tgt Ion:142 Resp: 794020

Ion Ratio Lower Upper

142 100

141 91.9 73.8 110.8

116 3.6 2.8 4.2

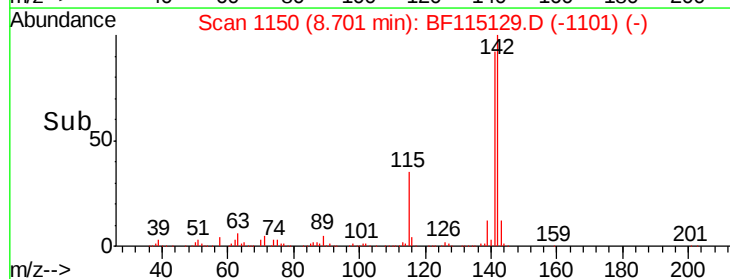
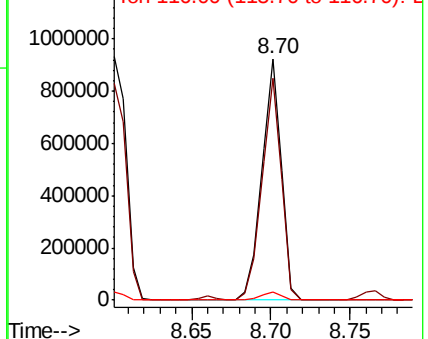


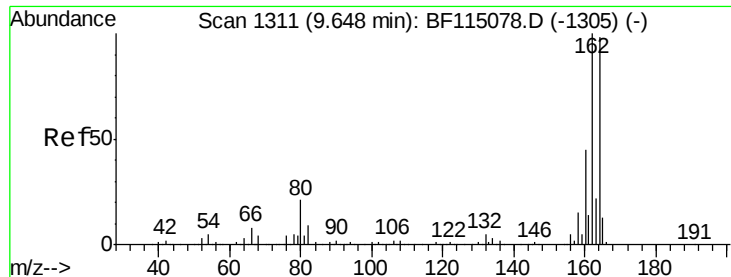
Abundance

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

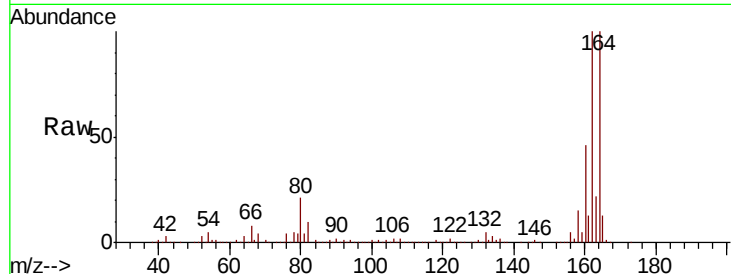




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF115129.D
Acq: 22 Jun 2019 19:03

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.7	81.7	122.5
160	45.8	37.0	55.4

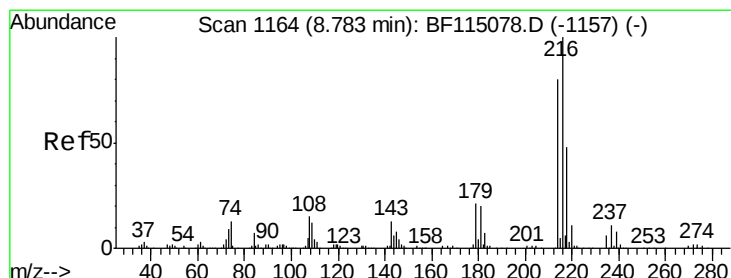
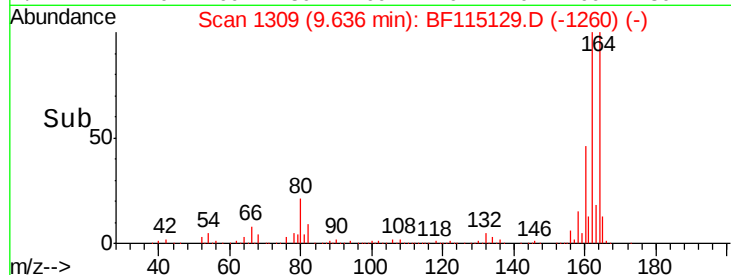
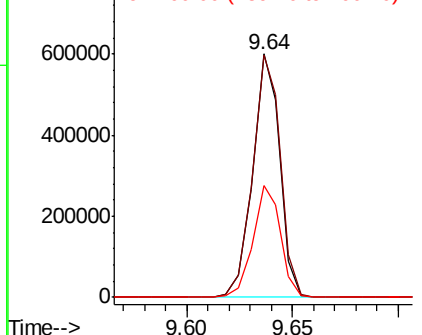


Abundance

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	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

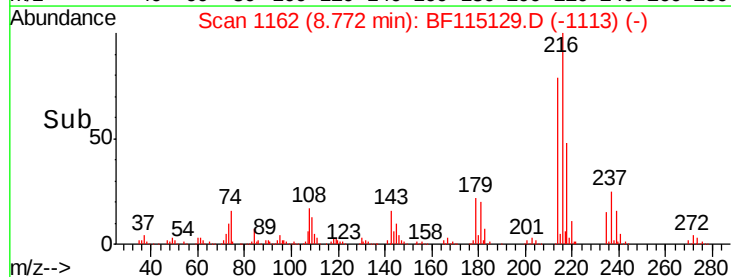
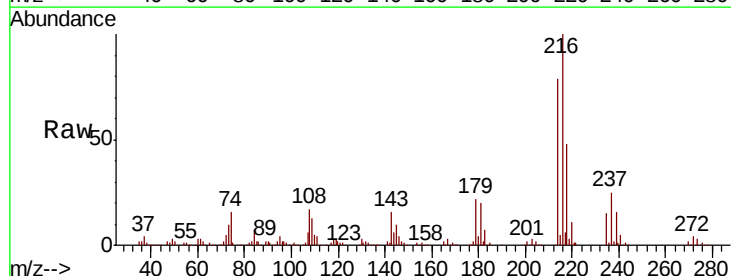
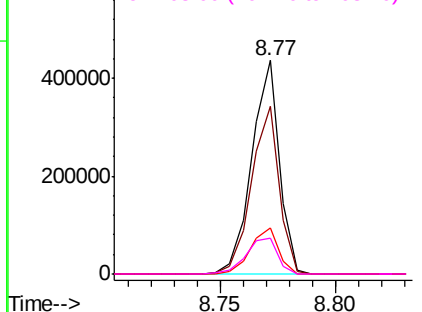
Abundance

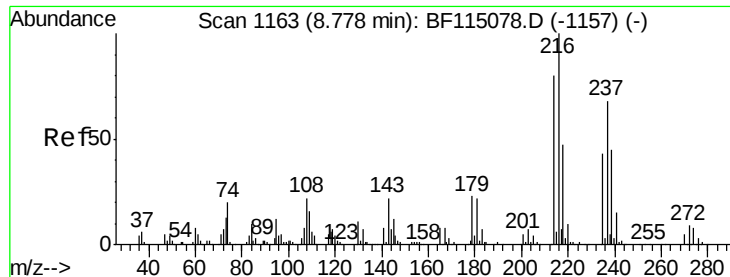
Ion 216.00 (215.70 to 216.70): E

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

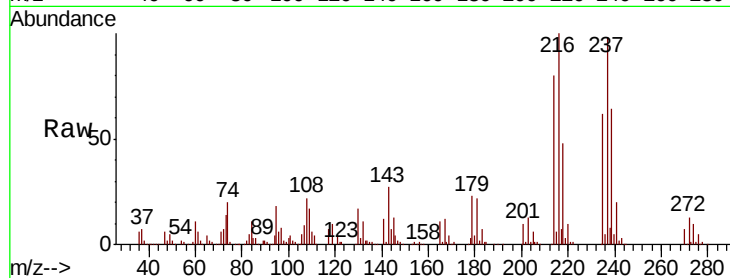
Tot Ion:237 Resp: 254871

Ion Ratio Lower Upper

237 100

235 63.4 43.9 83.9

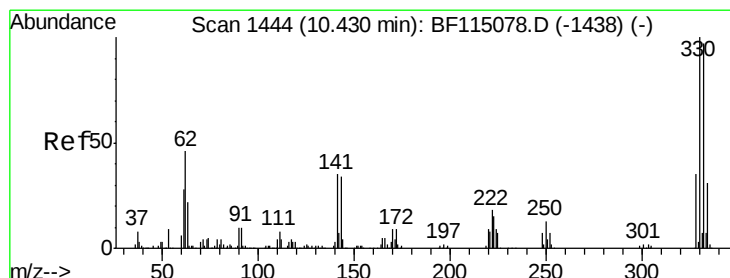
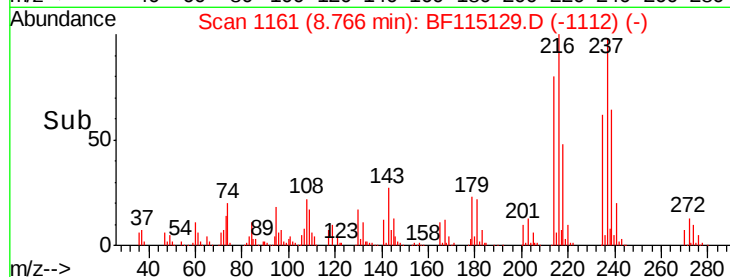
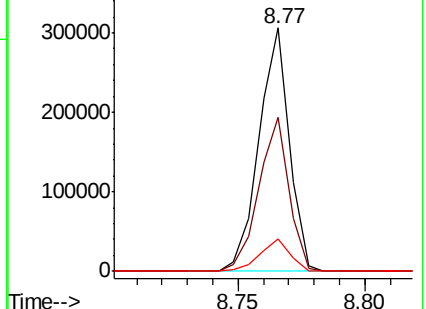
272 13.1 0.0 33.8



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

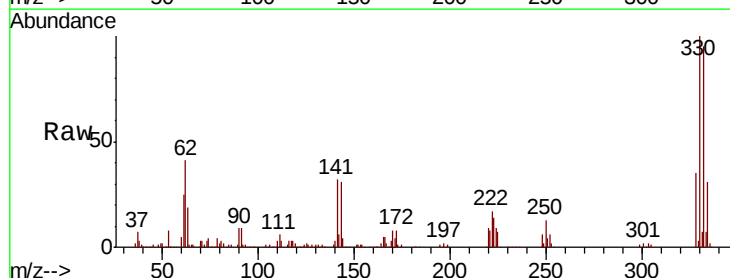
Tgt Ion:330 Resp: 386691

Ion Ratio Lower Upper

330 100

332 95.4 77.3 115.9

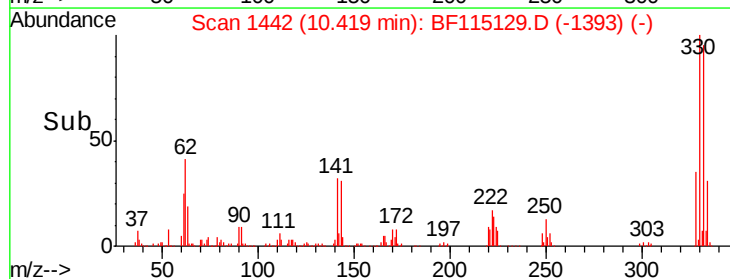
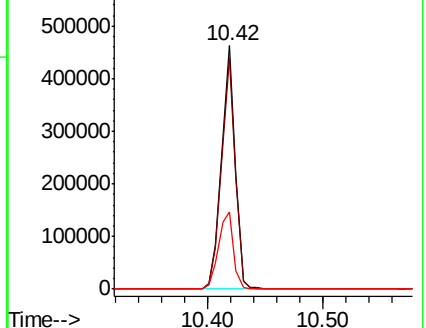
141 34.1 28.2 42.2

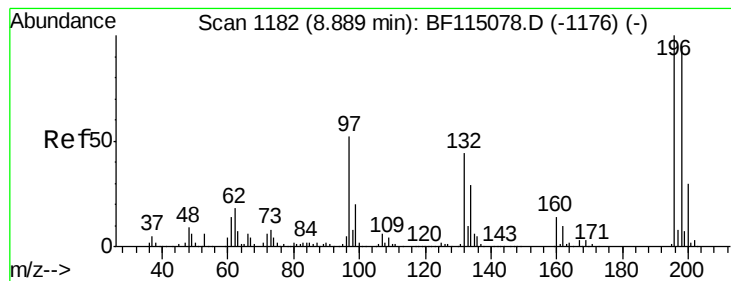


Abundance Ion 329.80 (329.50 to 330.50): E

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

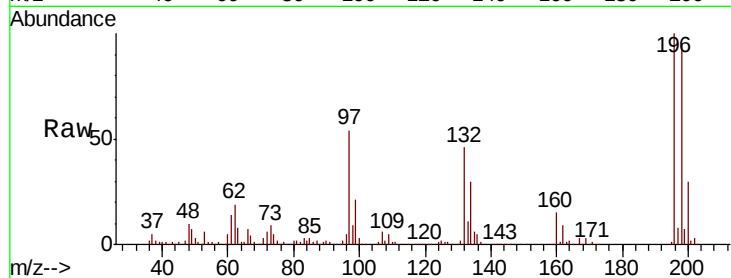
Tot Ion:196 Resp: 256273

Ion Ratio Lower Upper

196 100

198 94.8 76.3 114.5

200 29.9 24.2 36.4

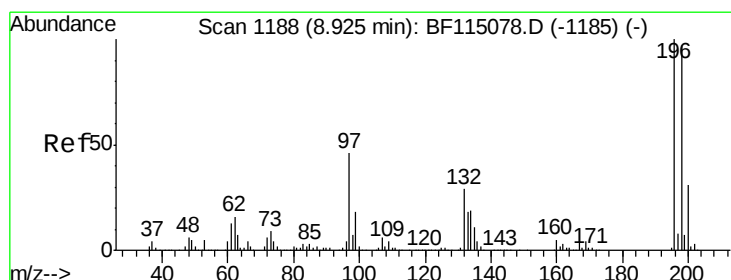
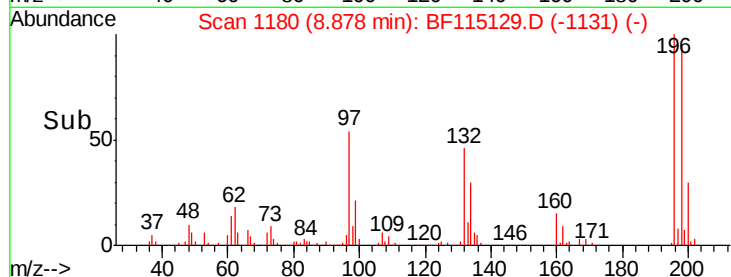
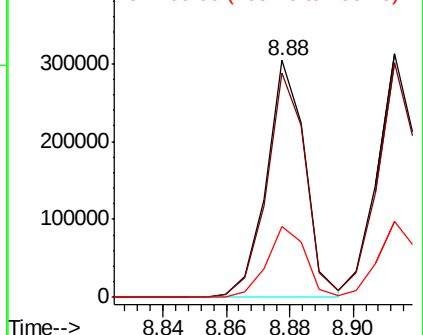


Abundance

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

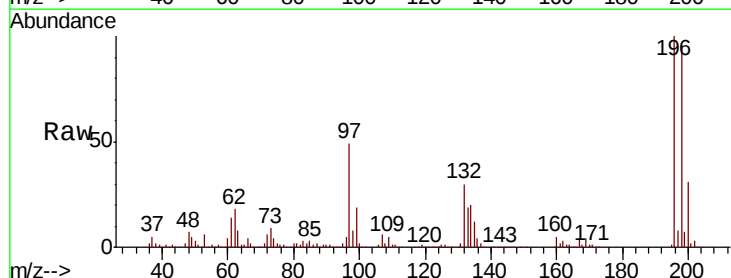
Ion Ratio Lower Upper

196 100

198 96.3 77.1 115.7

97 49.3 37.7 56.5

132 29.6 23.1 34.7



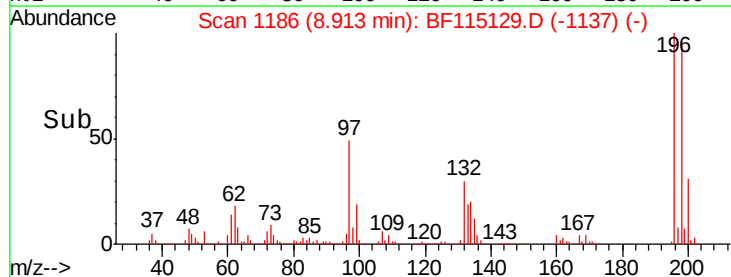
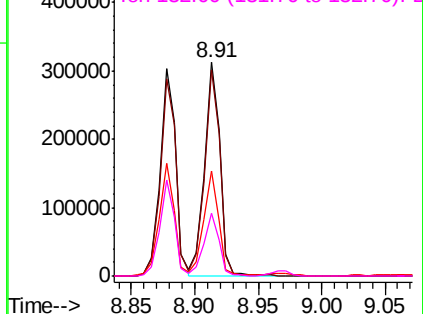
Abundance

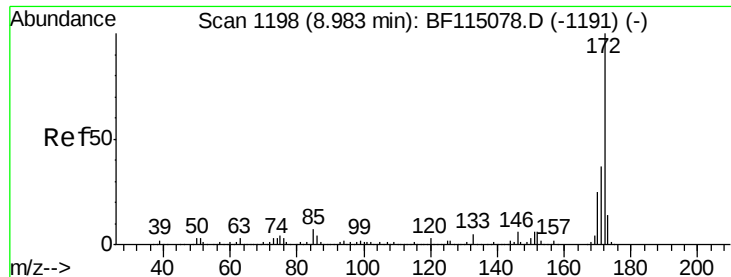
Ion 196.00 (195.70 to 196.70): E

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

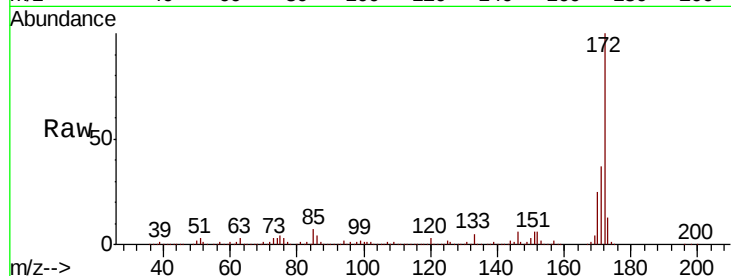




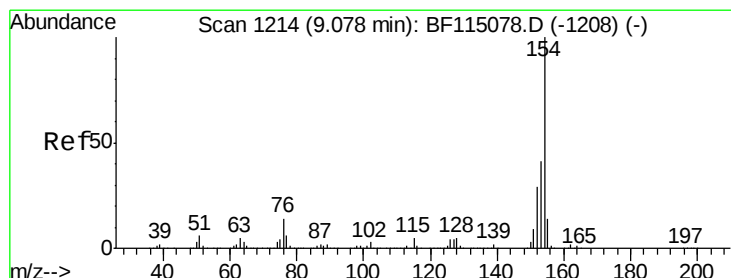
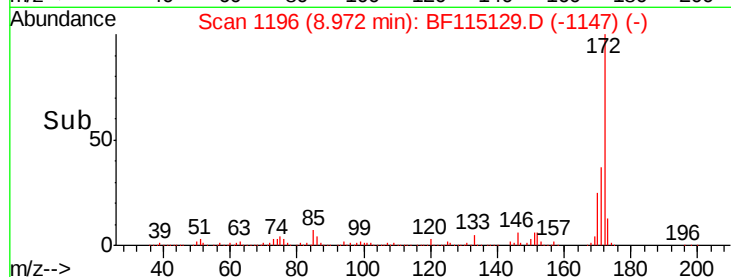
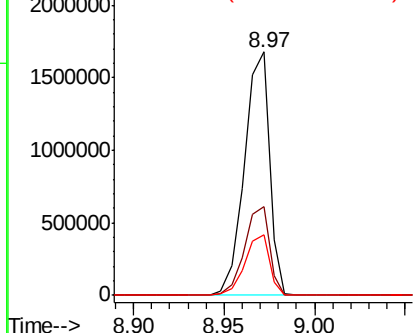
#45
 2-Fluorobiphenyl
 Concen: 51.422 ng
 RT: 8.97 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF115129.D
 Acq: 22 Jun 2019 19:03

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

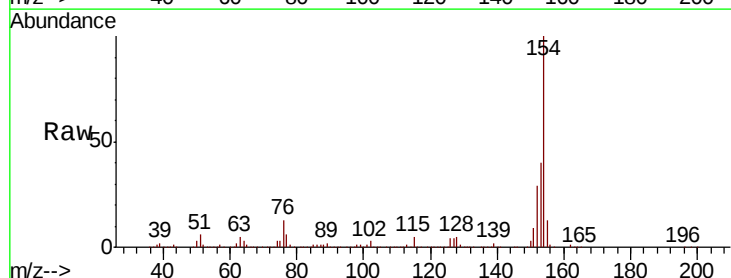


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

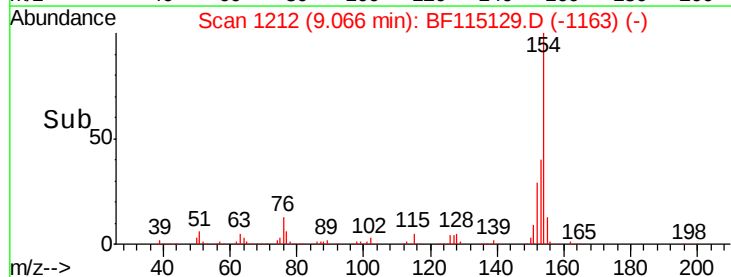
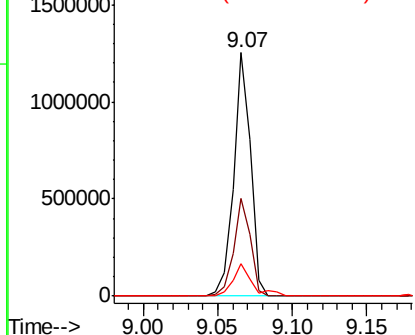


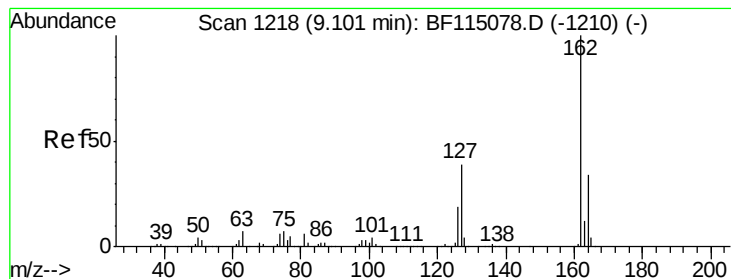
#46
 1,1'-Biphenyl
 Concen: 23.467 ng
 RT: 9.07 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF115129.D
 Acq: 22 Jun 2019 19:03

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

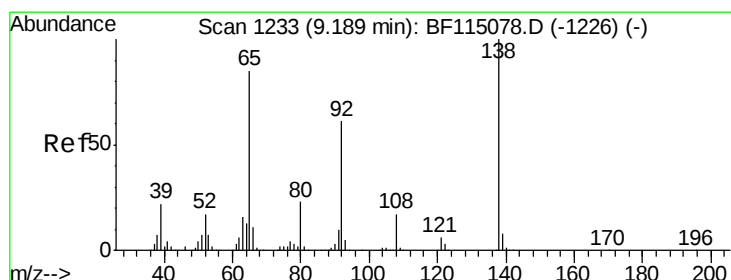
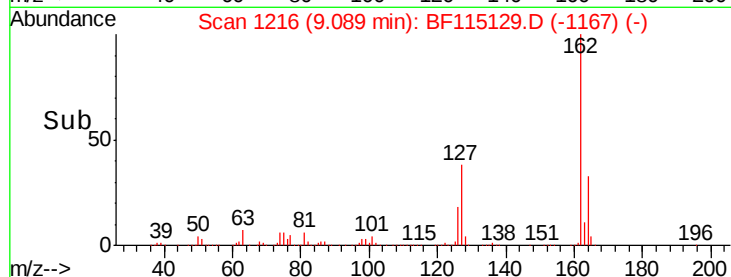
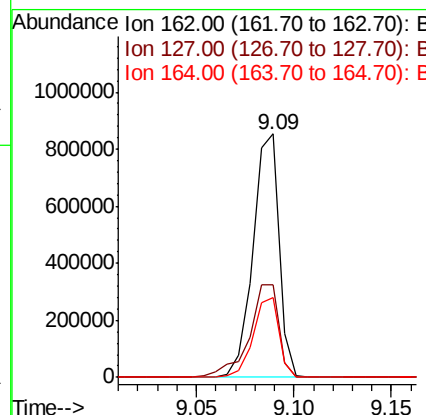
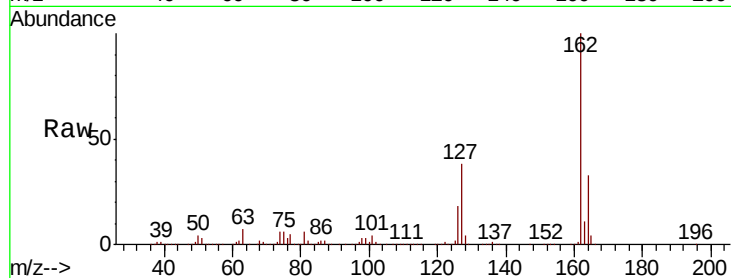




#47
2-Chloronaphthalene
Concen: 22.797 ng
RT: 9.09 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF115129.D
Acq: 22 Jun 2019 19:03

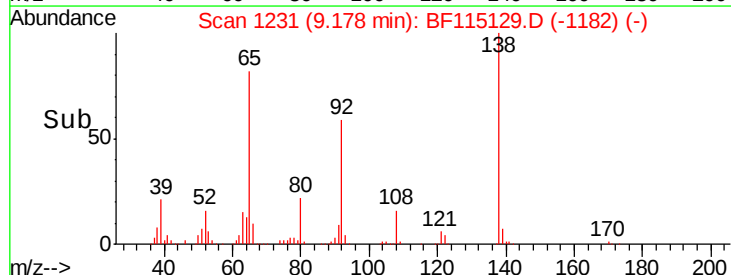
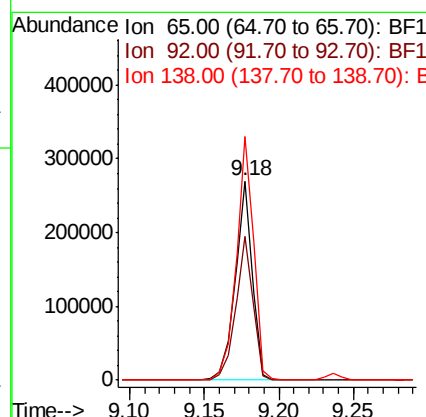
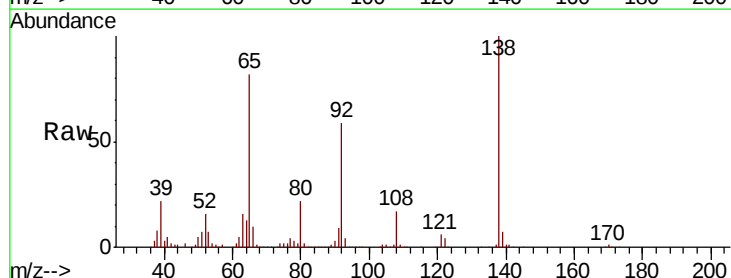
Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

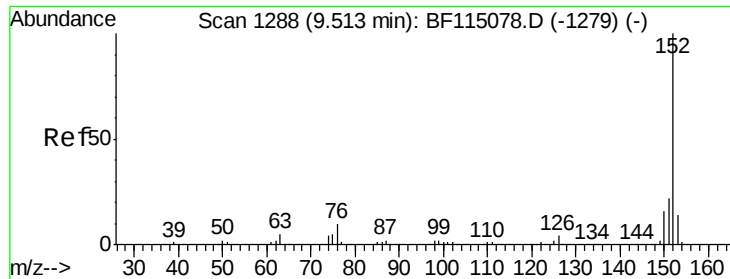
Tot Ion:162 Resp: 789312
Ion Ratio Lower Upper
162 100
127 37.8 30.8 46.2
164 33.0 27.0 40.4



#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





#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

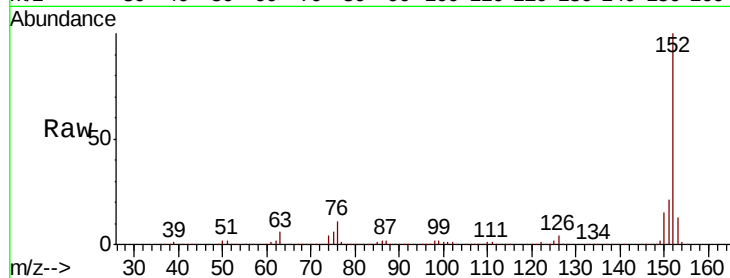
Tot Ion:152 Resp: 1250289

Ion Ratio Lower Upper

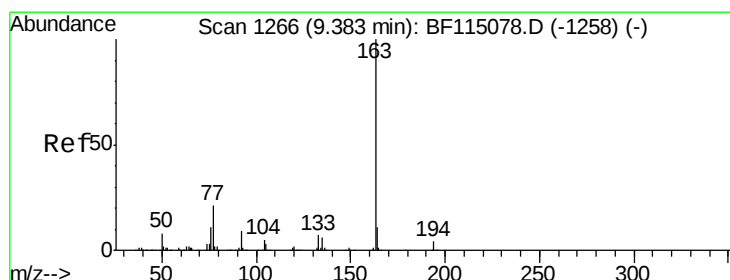
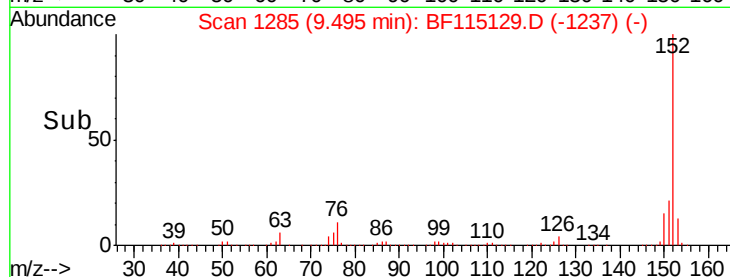
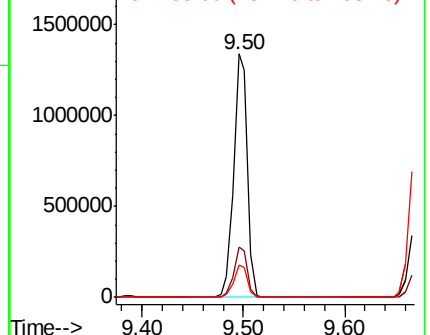
152 100

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

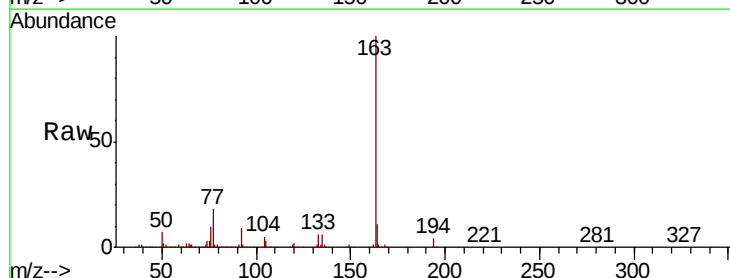
Tgt Ion:163 Resp: 1120057

Ion Ratio Lower Upper

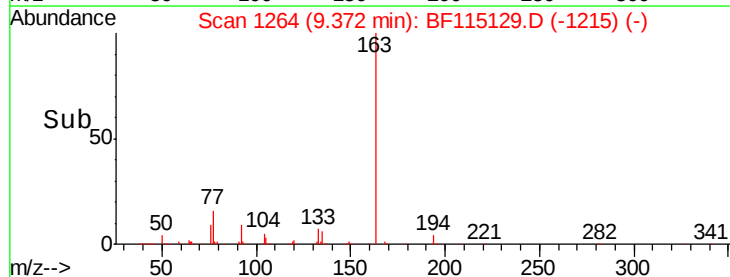
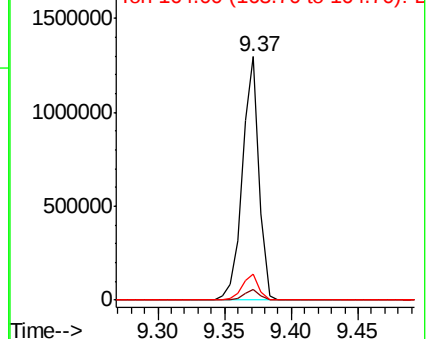
163 100

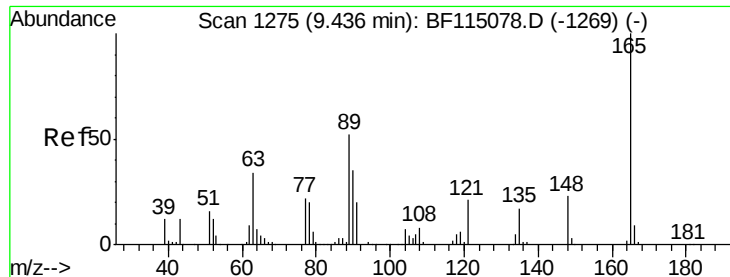
194 4.1 3.2 4.8

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

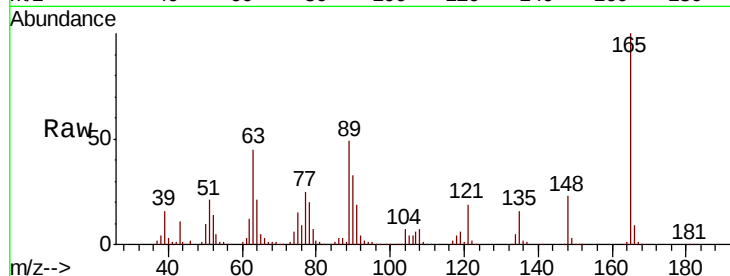
Tot Ion:165 Resp: 202059

Ion Ratio Lower Upper

165 100

63 45.3 39.4 59.2

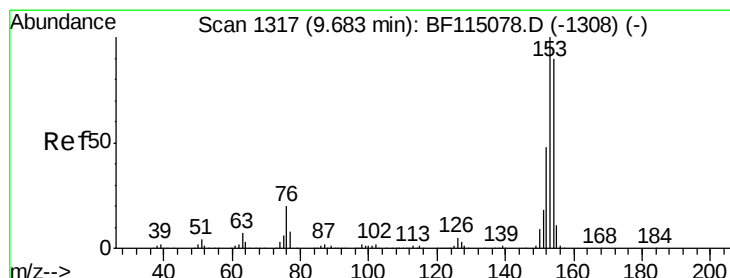
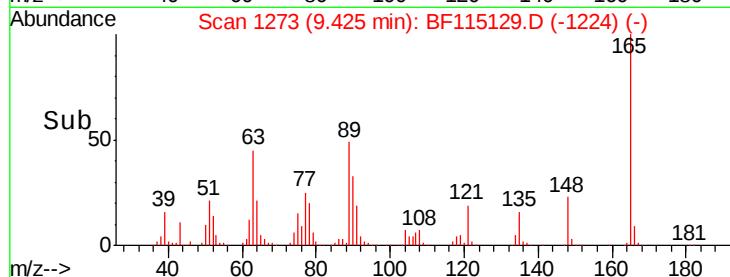
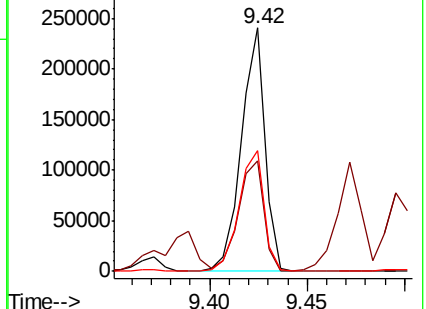
89 49.4 42.0 63.0



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



#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

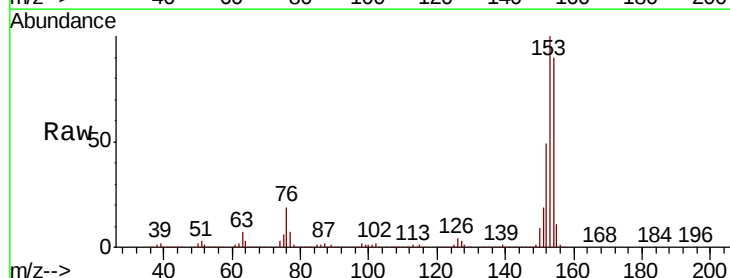
Tgt Ion:154 Resp: 757124

Ion Ratio Lower Upper

154 100

153 110.6 88.7 133.1

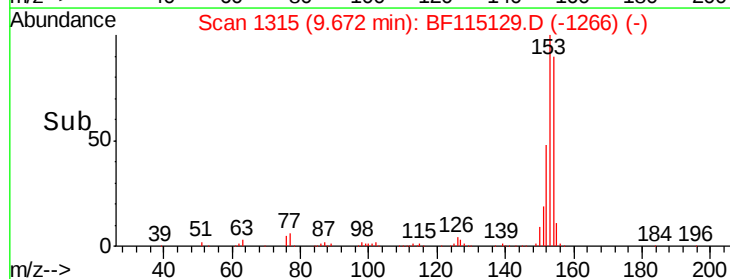
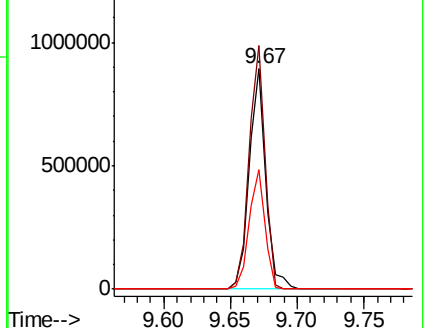
152 54.3 42.6 64.0

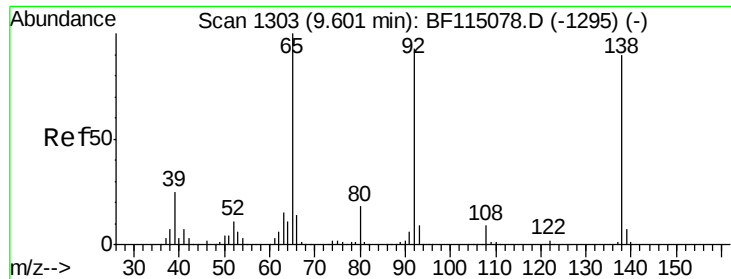


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

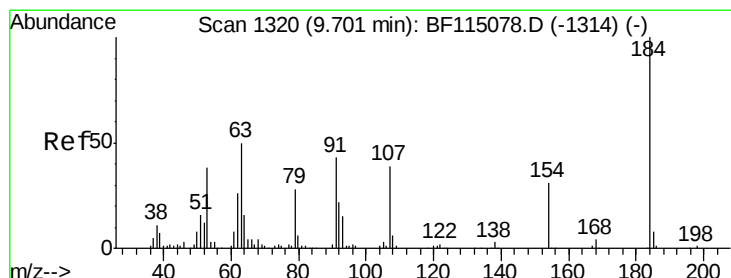
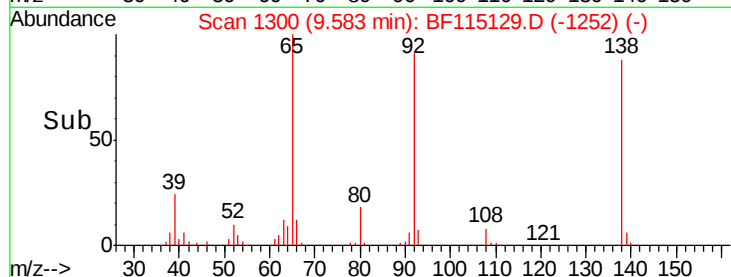
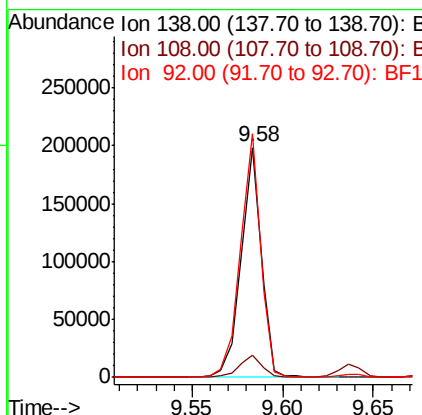
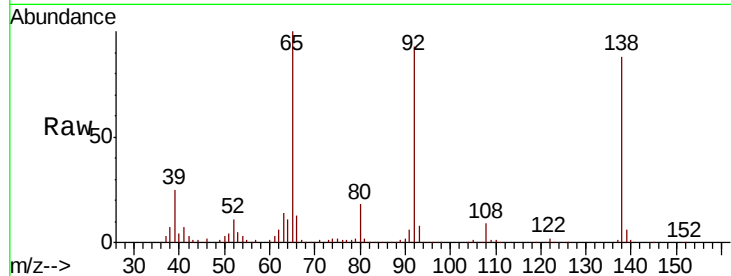




#53
 3-Nitroaniline
 Concen: 13.948 ng
 RT: 9.58 min Scan# 1300
 Delta R.T. -0.02 min
 Lab File: BF115129.D
 Acq: 22 Jun 2019 19:03

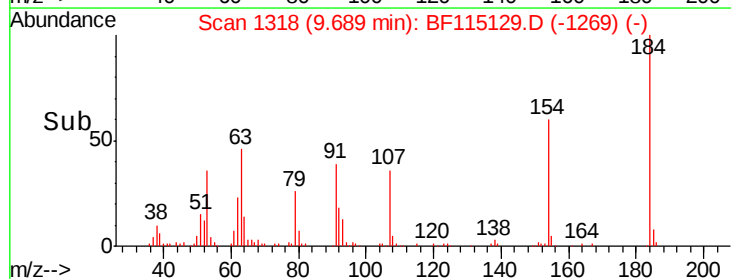
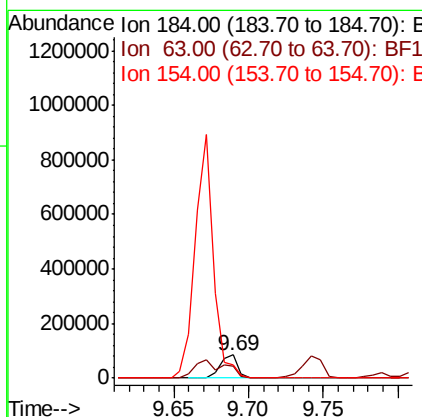
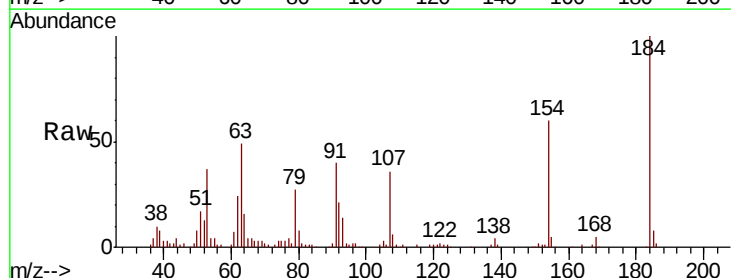
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4MS

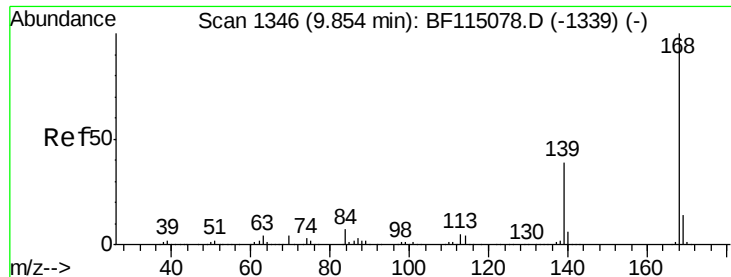
Tot Ion:138 Resp: 154229
 Ion Ratio Lower Upper
 138 100
 108 9.7 7.8 11.6
 92 105.8 82.9 124.3



#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

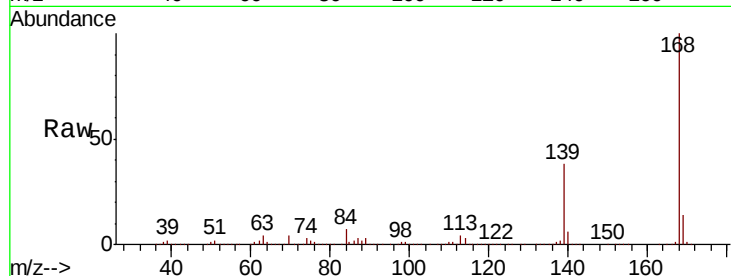




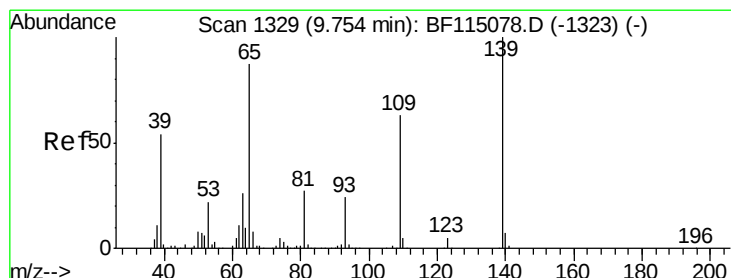
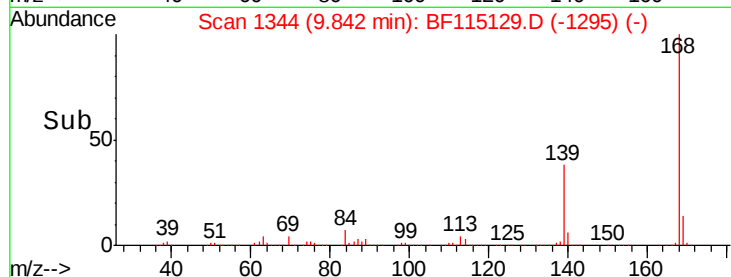
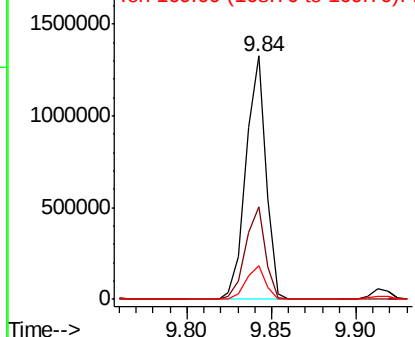
#55
Dibenzofuran
Concen: 22.710 ng
RT: 9.84 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF115129.D
Acq: 22 Jun 2019 19:03

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

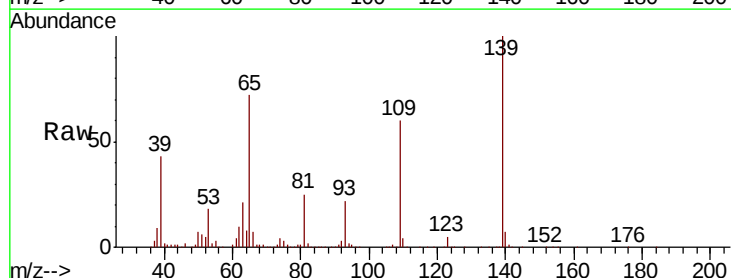


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

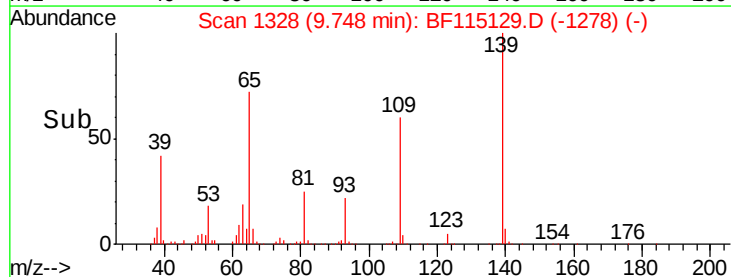
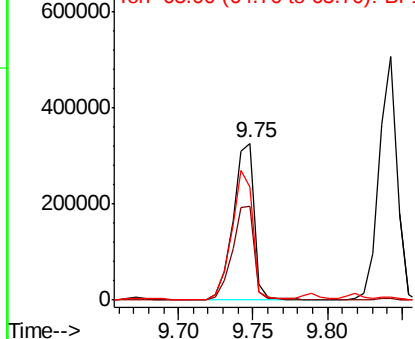


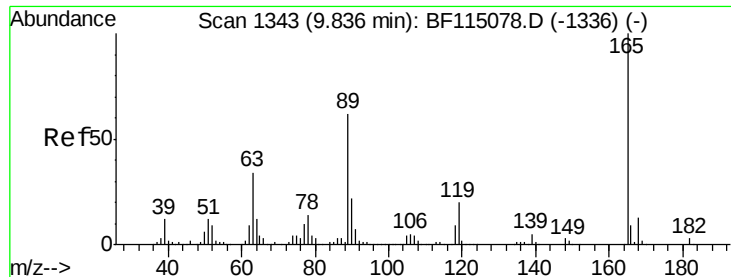
#56
4-Nitrophenol
Concen: 36.856 ng
RT: 9.75 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF115129.D
Acq: 22 Jun 2019 19:03

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

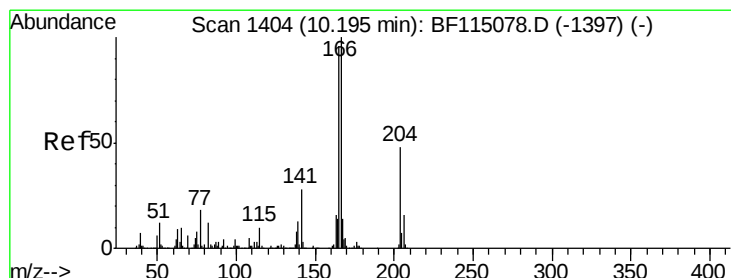
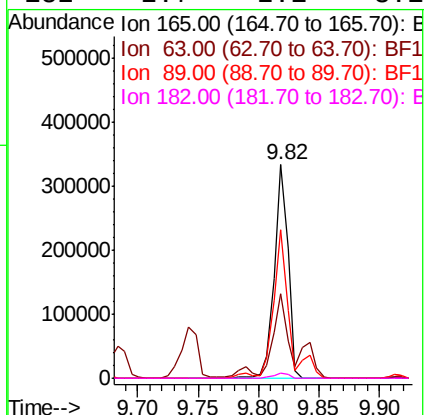
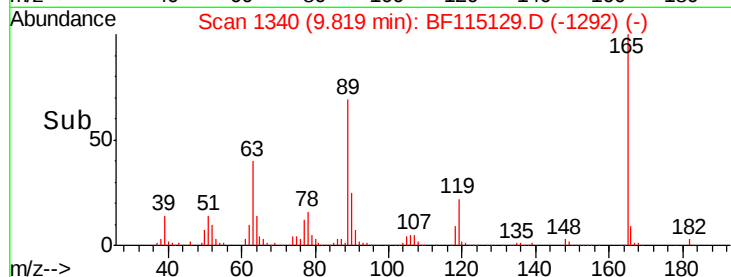
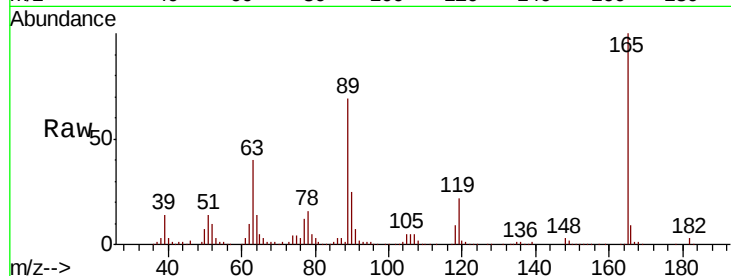




#57
2,4-Dinitrotoluene
Concen: 22.750 ng
RT: 9.82 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BF115129.D
Acq: 22 Jun 2019 19:03

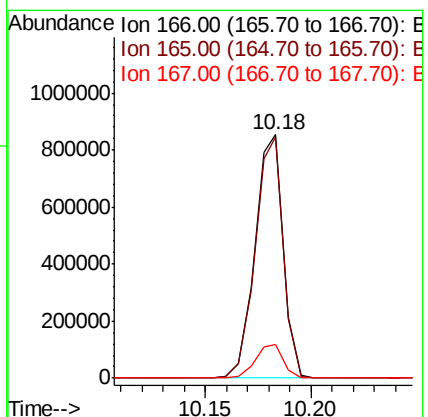
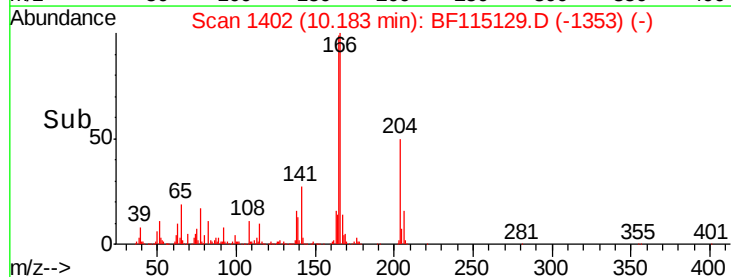
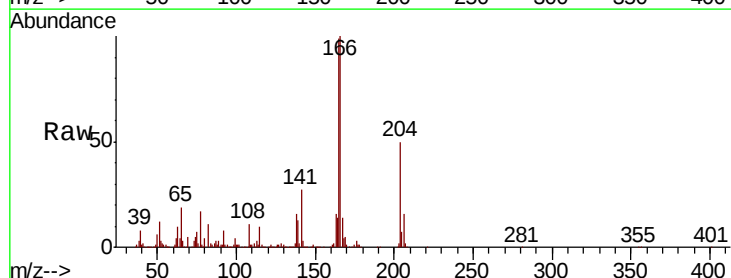
Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

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



#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

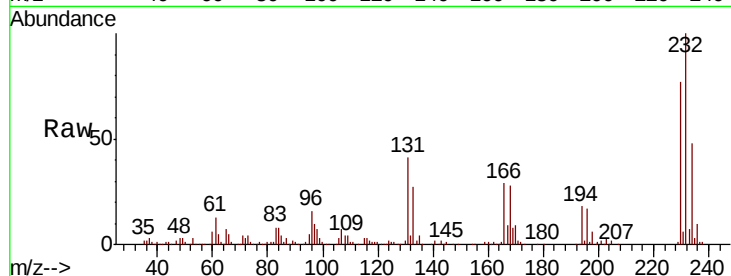




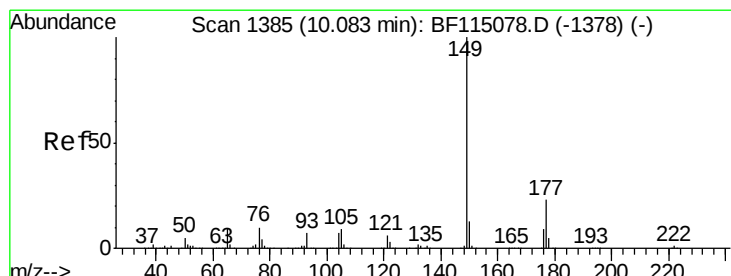
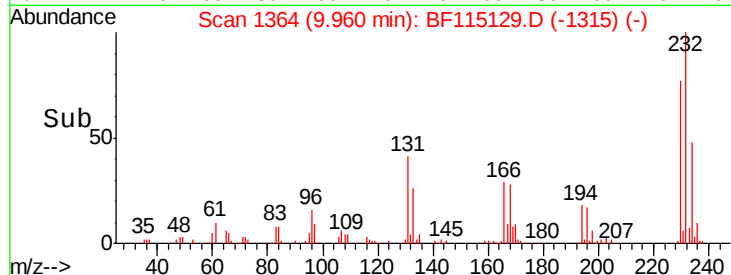
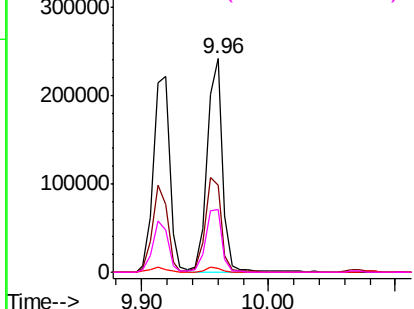
#59
2,3,4,6-Tetrachlorophenol
Concen: 20.424 ng
RT: 9.96 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF115129.D
Acq: 22 Jun 2019 19:03

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

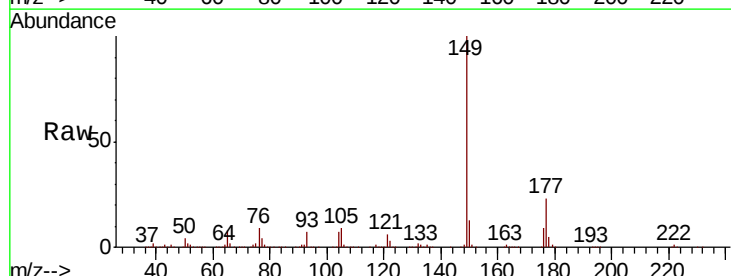


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

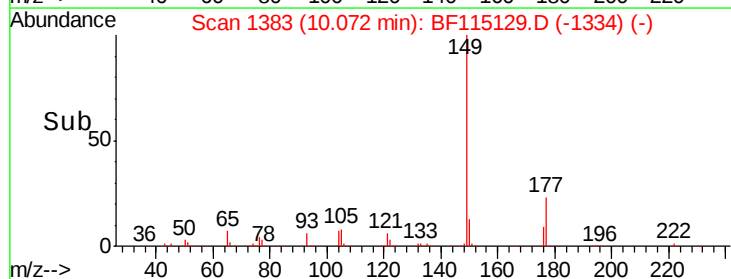
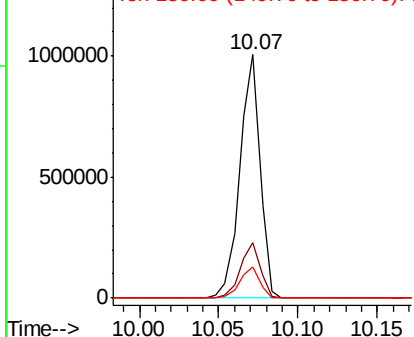


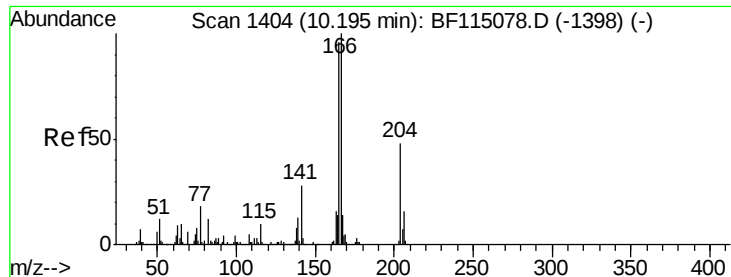
#60
Diethylphthalate
Concen: 22.450 ng
RT: 10.07 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF115129.D
Acq: 22 Jun 2019 19:03

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

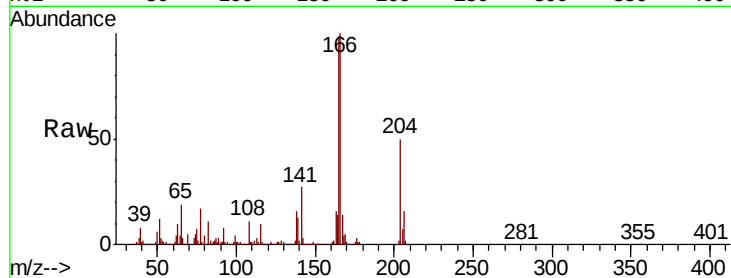




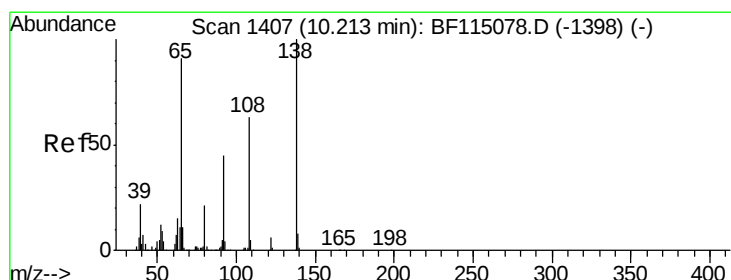
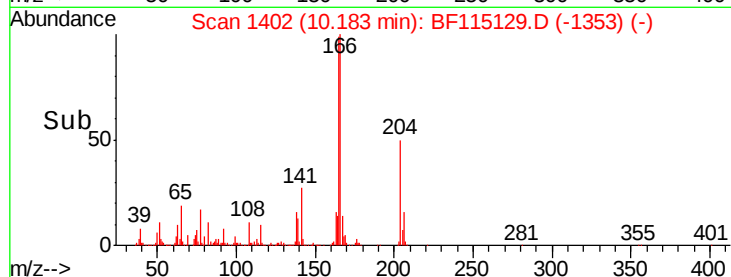
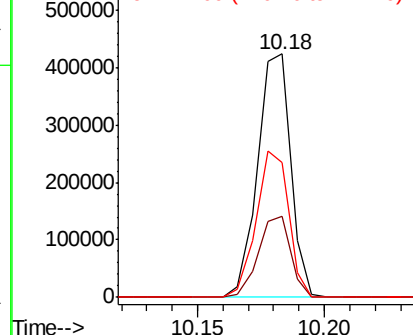
#61
4-Chlorophenyl-phenylether
Concen: 21.866 ng
RT: 10.18 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF115129.D
Acq: 22 Jun 2019 19:03

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

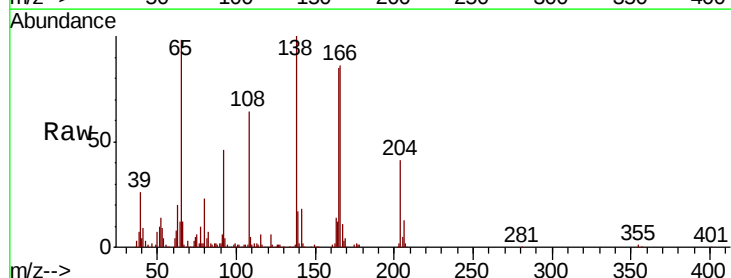


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

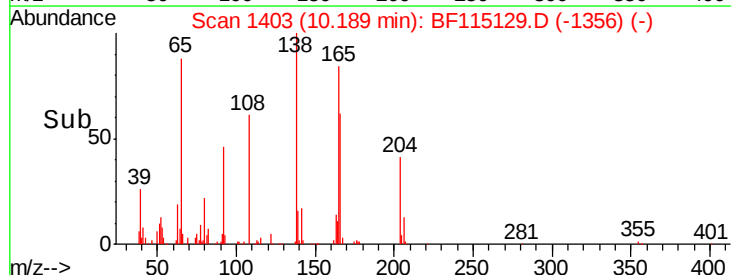
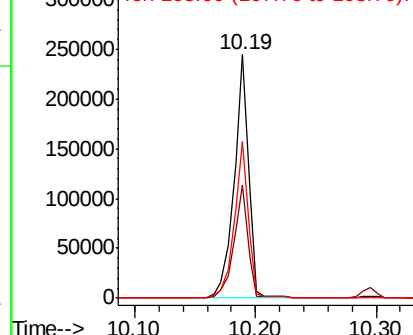


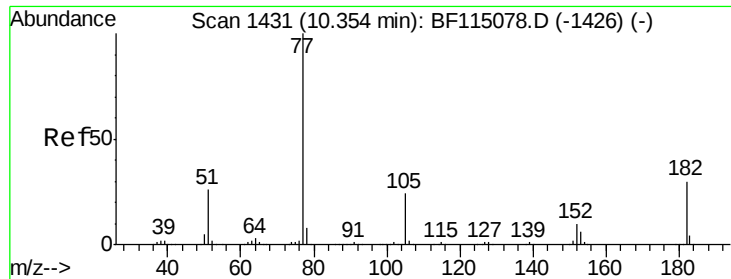
#62
4-Nitroaniline
Concen: 18.402 ng
RT: 10.19 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BF115129.D
Acq: 22 Jun 2019 19:03

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

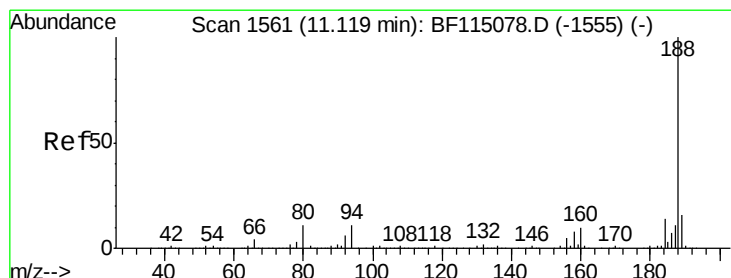
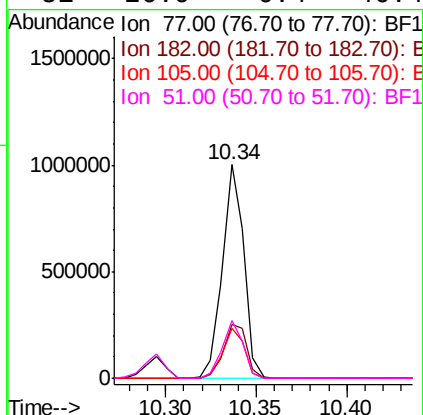
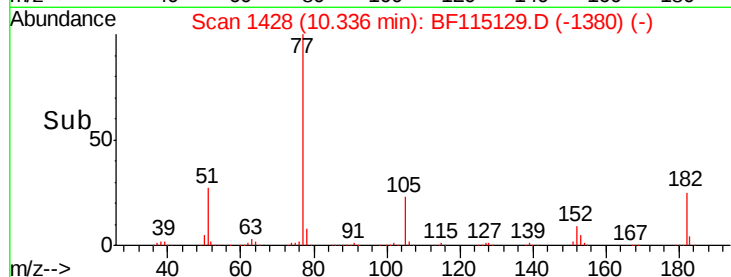
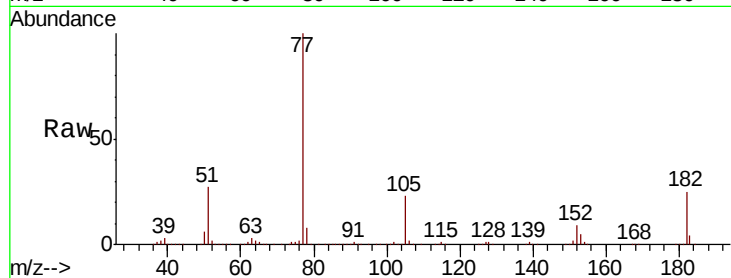




#63
Azobenzene
Concen: 22.351 ng
RT: 10.34 min Scan# 1428
Delta R.T. -0.02 min
Lab File: BF115129.D
Acq: 22 Jun 2019 19:03

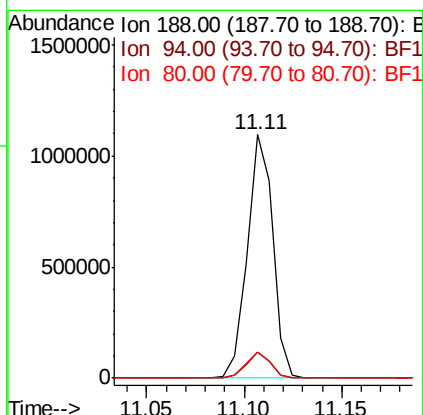
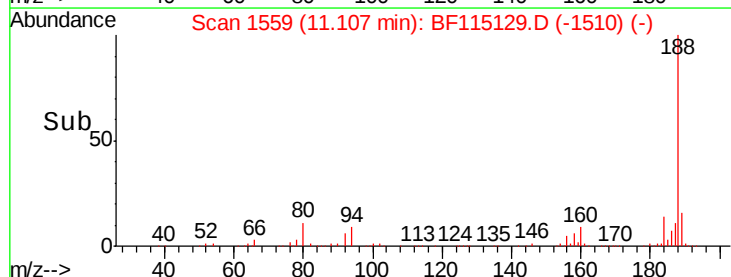
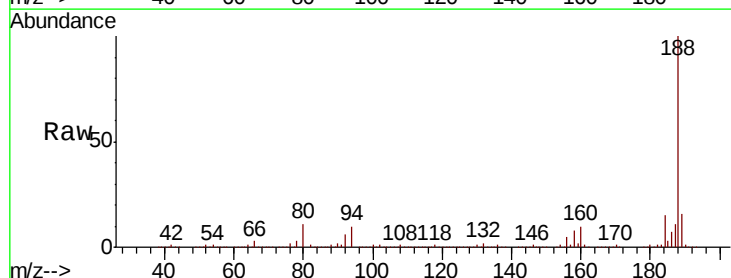
Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

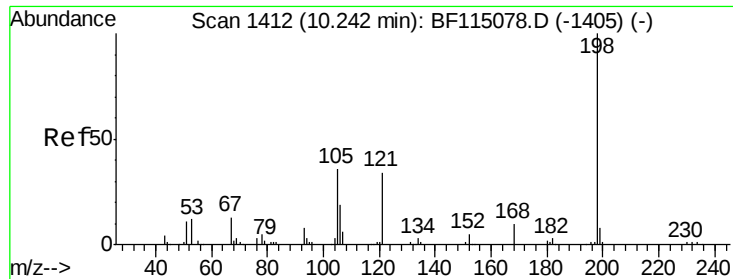
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	25.0	10.1	50.1	
105	23.1	4.5	44.5	
51	26.9	6.4	46.4	



#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	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

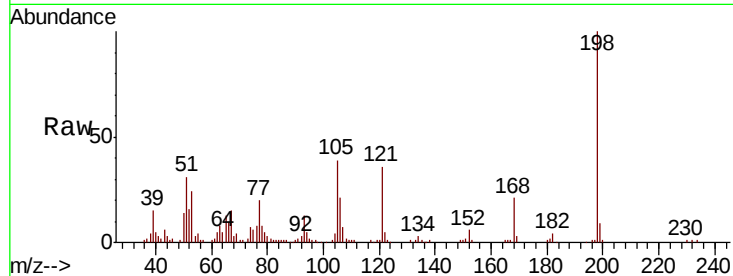
Tot Ion:198 Resp: 66717

Ion Ratio Lower Upper

198 100

51 30.9 11.0 51.0

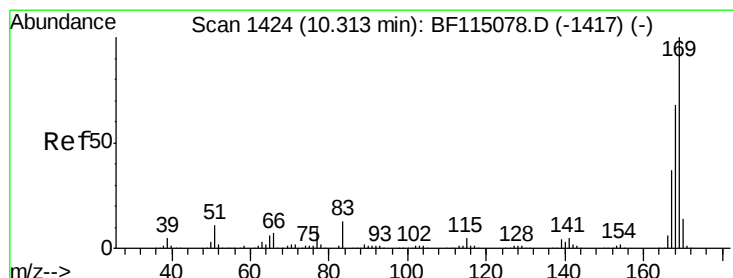
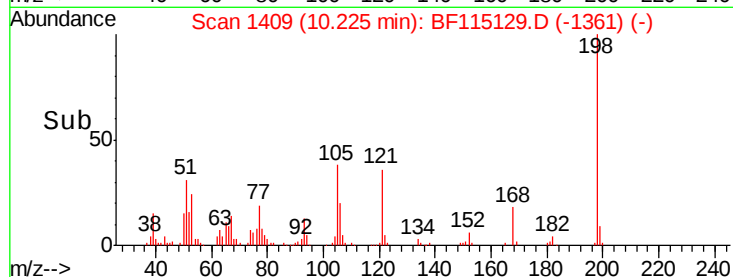
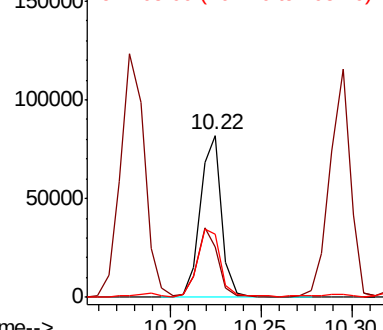
105 38.9 17.3 57.3



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

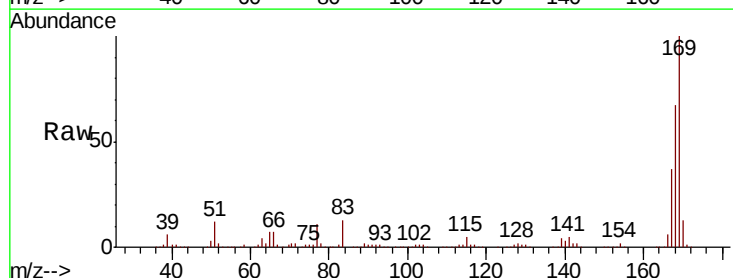
Tgt Ion:169 Resp: 748338

Ion Ratio Lower Upper

169 100

168 66.7 54.2 81.4

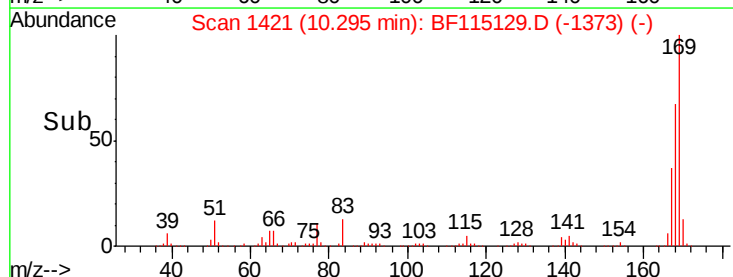
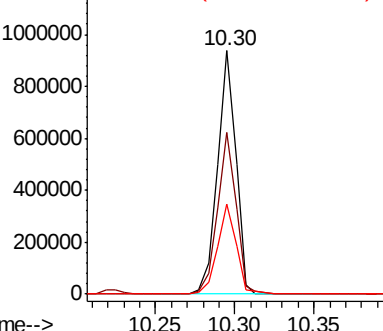
167 37.2 29.4 44.0



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

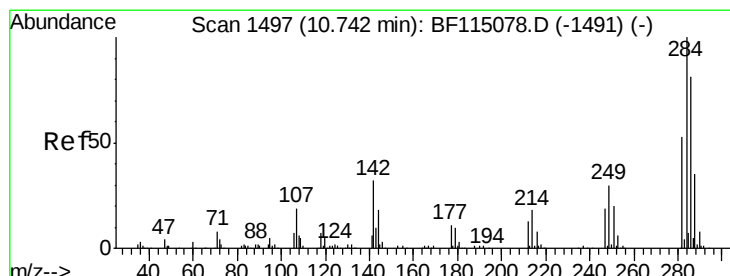
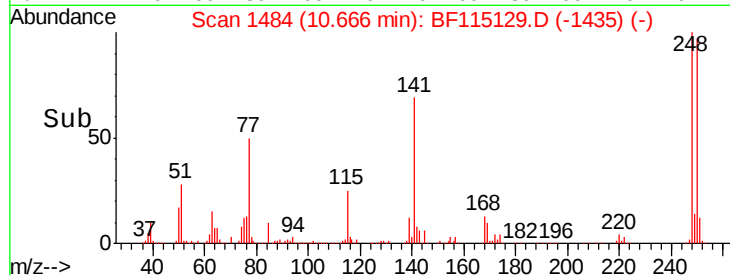
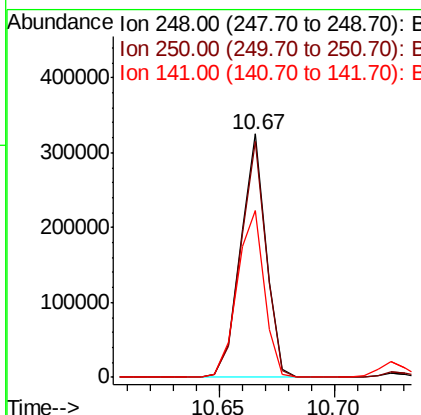
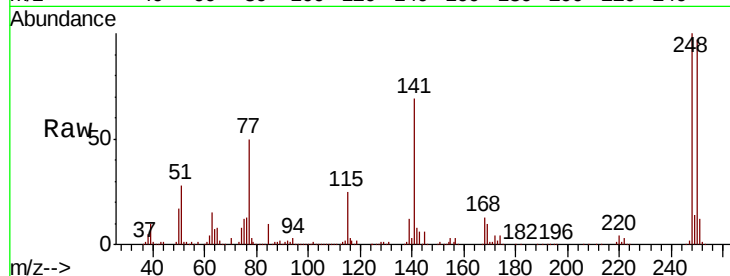




#67
 4-Bromophenyl-phenylether
 Concen: 23.356 ng
 RT: 10.67 min Scan# 1484
 Delta R.T. -0.01 min
 Lab File: BF115129.D
 Acq: 22 Jun 2019 19:03

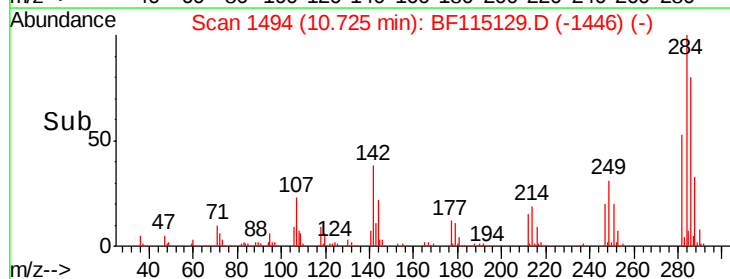
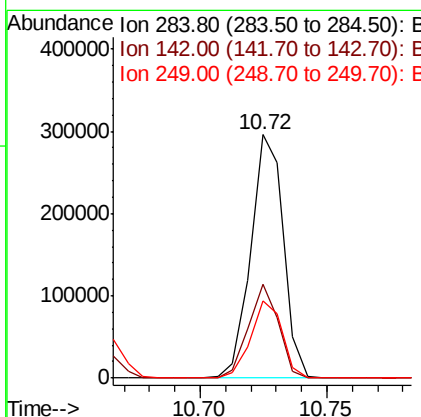
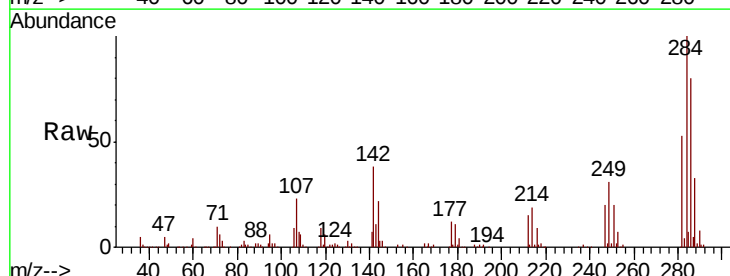
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4MS

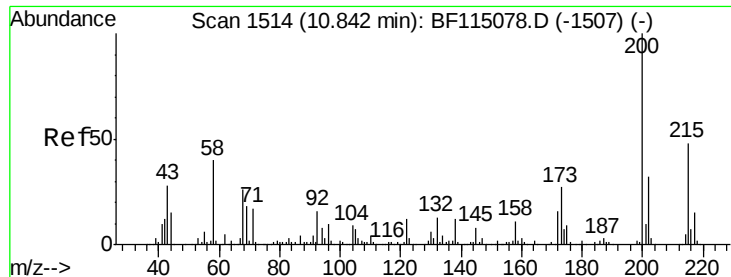
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.0	76.2	114.2
141	68.7	59.6	89.4



#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	Ratio	Lower	Upper
284	100		
142	38.3	25.8	38.8
249	31.5	24.2	36.4

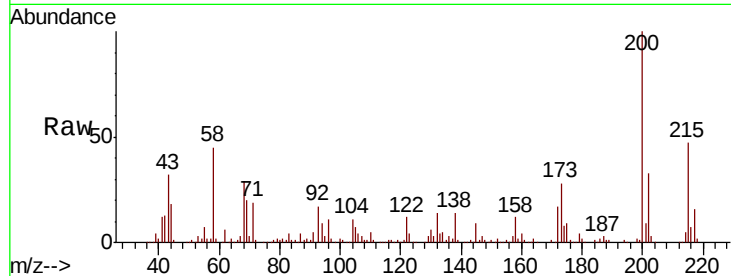




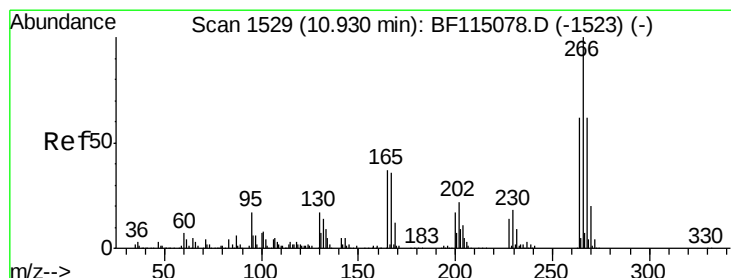
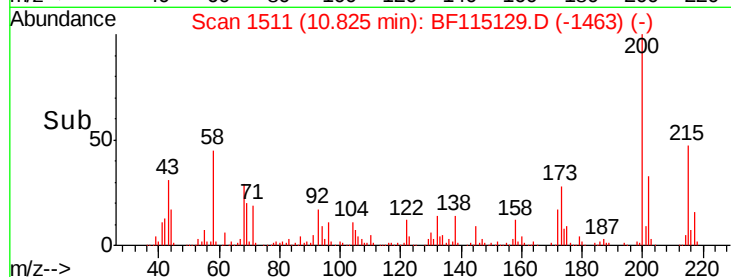
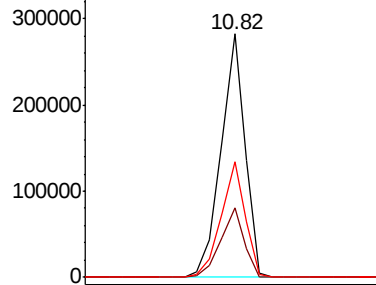
#69
Atrazine
Concen: 22.623 ng
RT: 10.82 min Scan# 1511
Delta R.T. -0.02 min
Lab File: BF115129.D
Acq: 22 Jun 2019 19:03

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

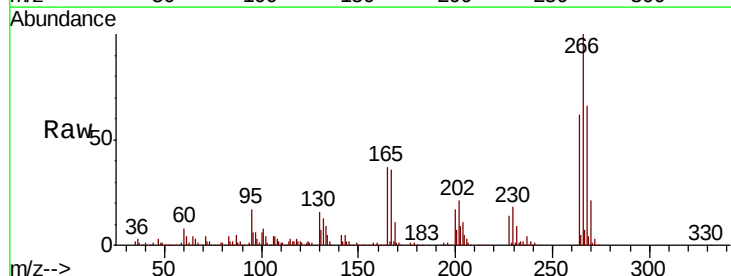


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

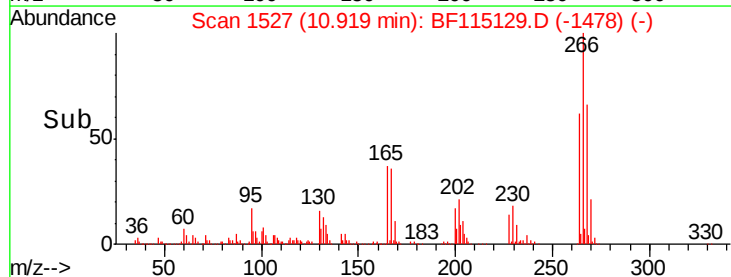
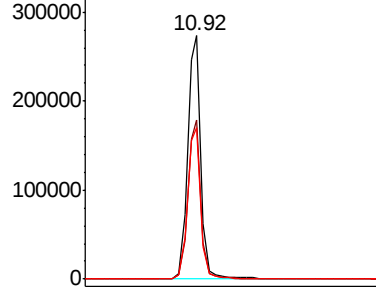


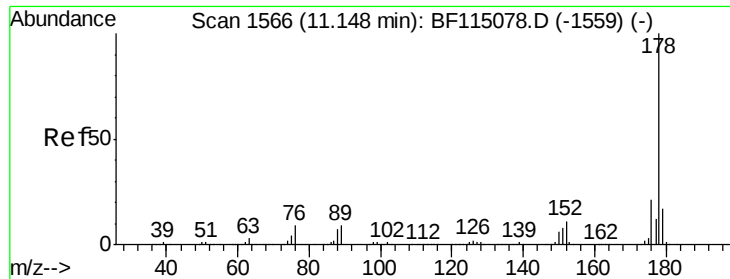
#70
Pentachlorophenol
Concen: 33.045 ng
RT: 10.92 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF115129.D
Acq: 22 Jun 2019 19:03

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

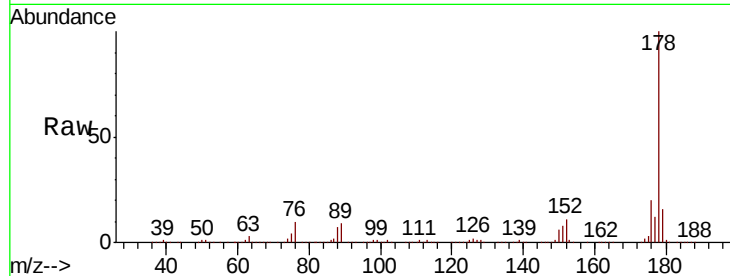
Tot Ion:178 Resp: 1204758

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.9	25.3
179	16.0	13.2	19.8

178 100

176 20.0 16.9 25.3

179 16.0 13.2 19.8

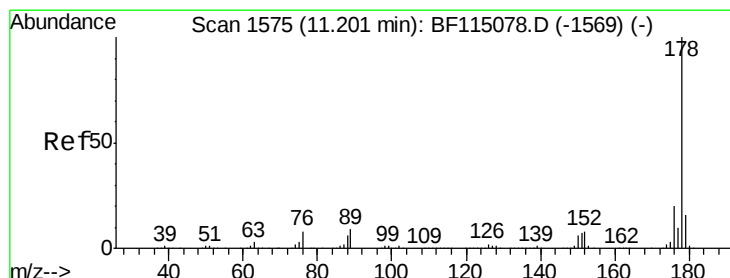
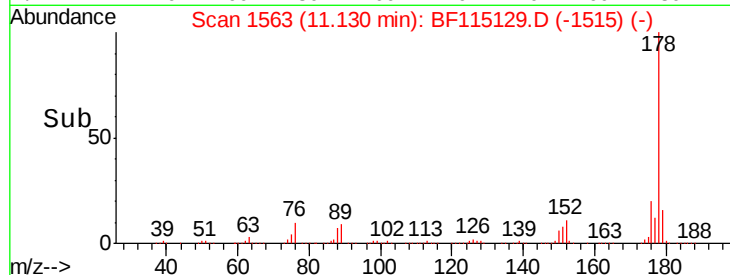
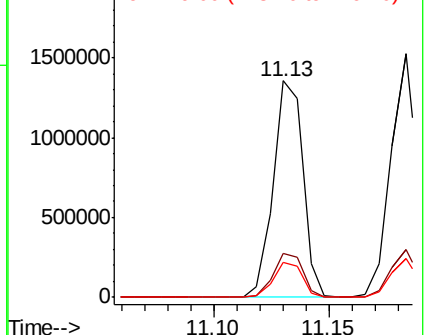


Abundance

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

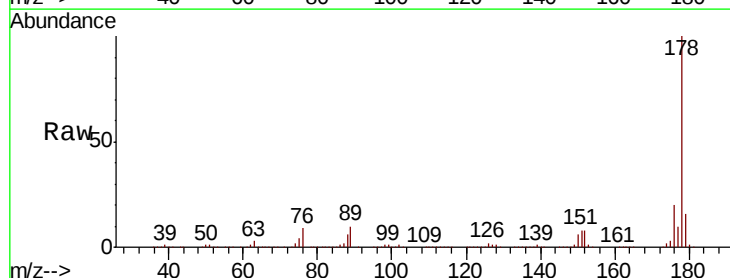
Tgt Ion:178 Resp: 1245022

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.1	24.1
179	16.1	12.9	19.3

178 100

176 19.8 16.1 24.1

179 16.1 12.9 19.3

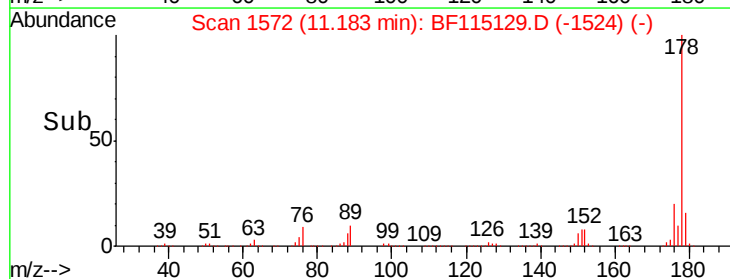
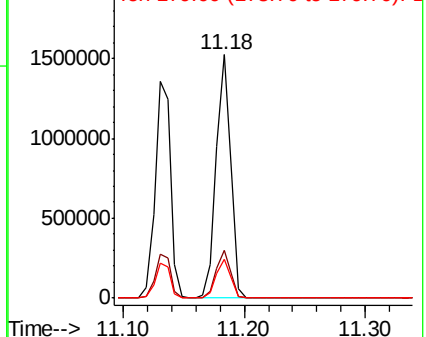


Abundance

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



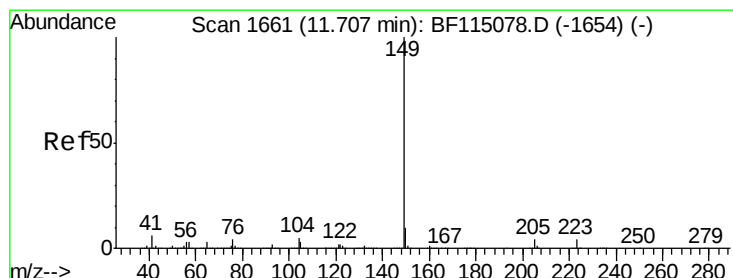
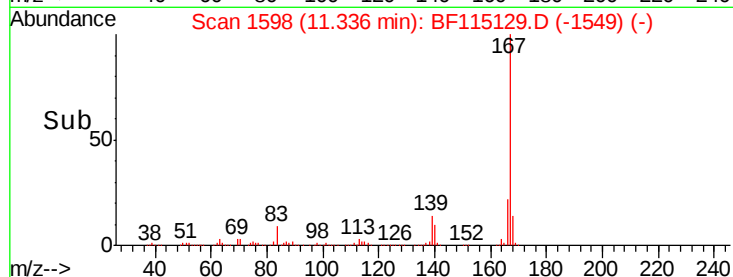
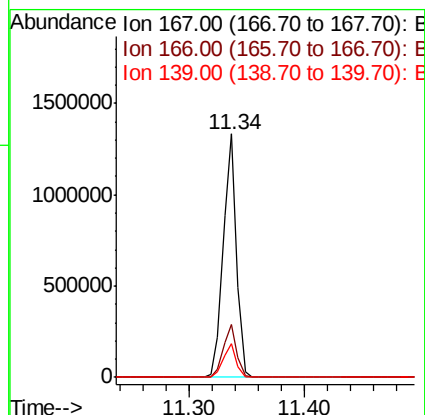
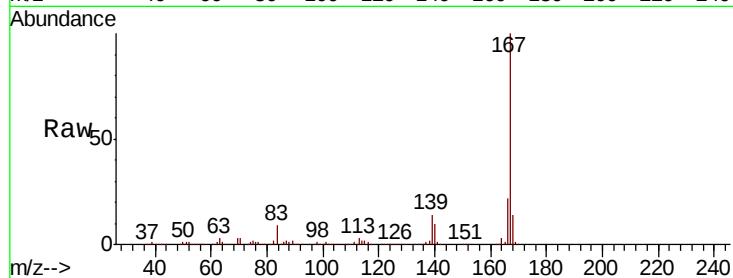


#73
 Carbazole
 Concen: 22.112 ng
 RT: 11.34 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF115129.D
 Acq: 22 Jun 2019 19:03

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4MS

Tot Ion:167 Resp: 1060853

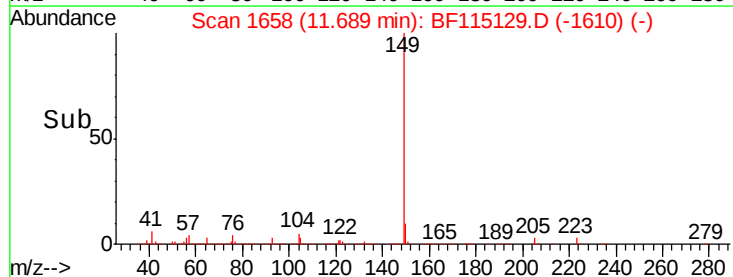
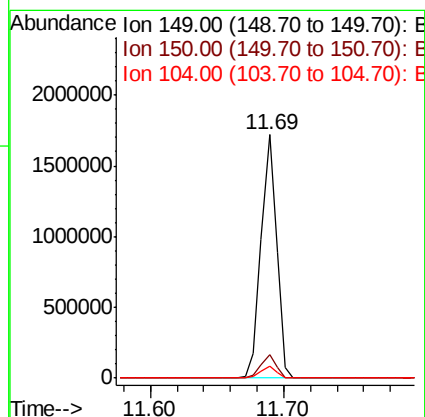
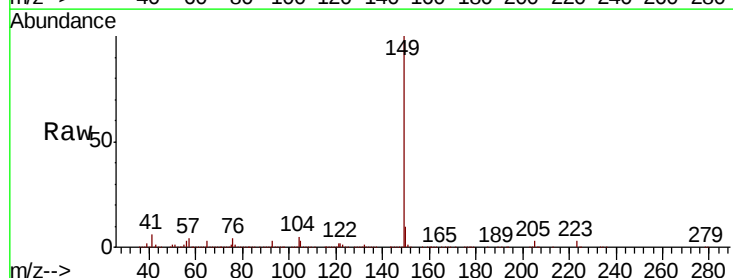
Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.0	27.0
139	13.7	11.1	16.7

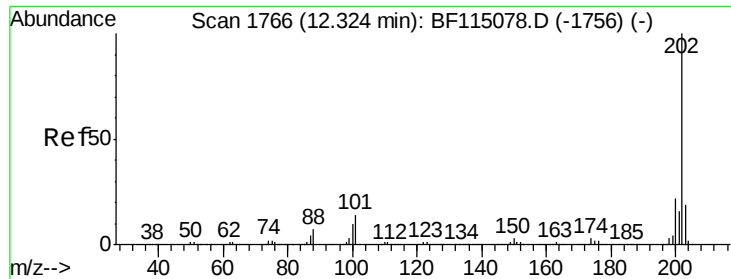


#74
 Di-n-butylphthalate
 Concen: 24.553 ng
 RT: 11.69 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BF115129.D
 Acq: 22 Jun 2019 19:03

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

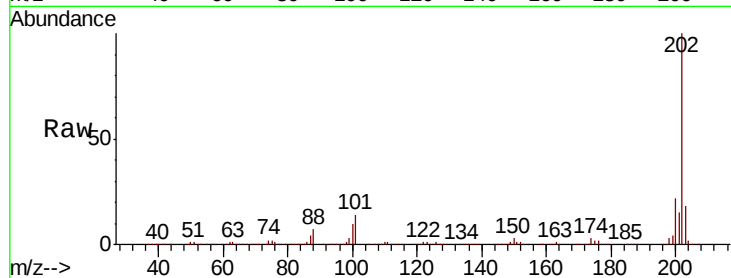




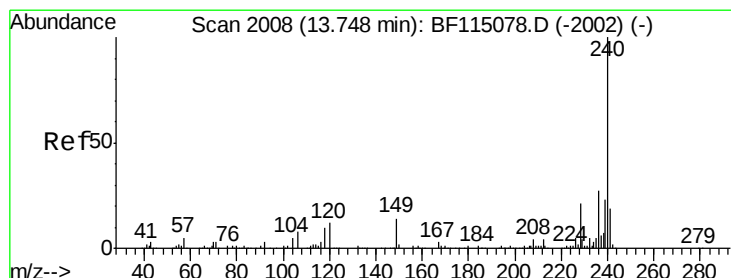
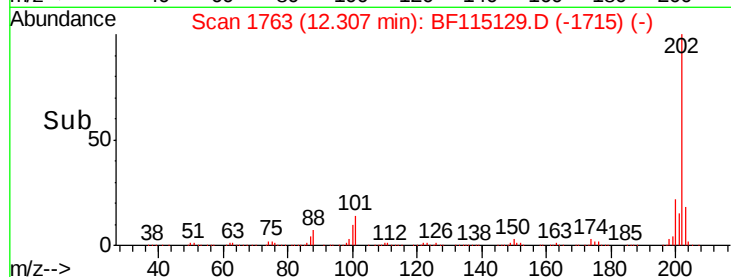
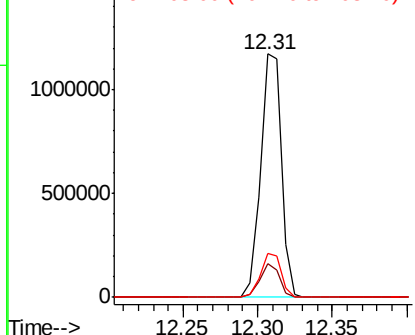
#75
 Fluoranthene
 Concen: 20.969 ng
 RT: 12.31 min Scan# 1763
 Delta R.T. -0.02 min
 Lab File: BF115129.D
 Acq: 22 Jun 2019 19:03

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

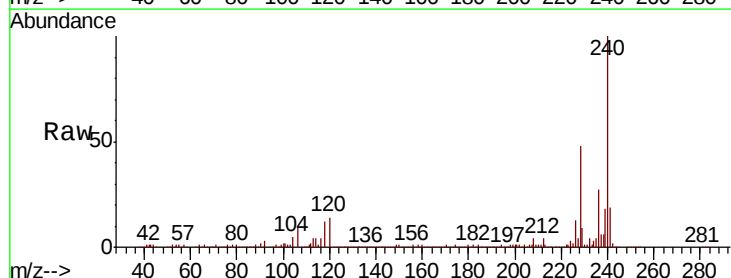


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

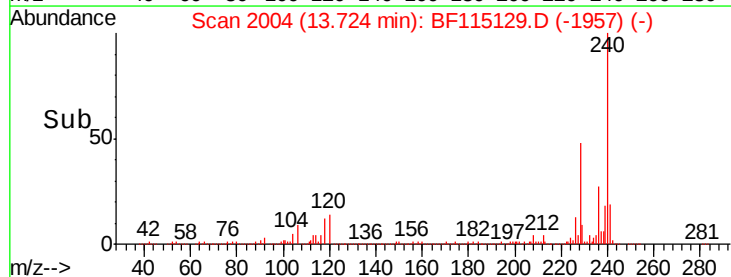
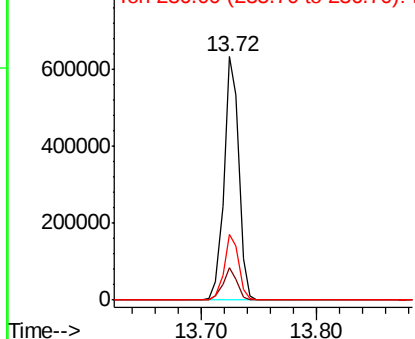


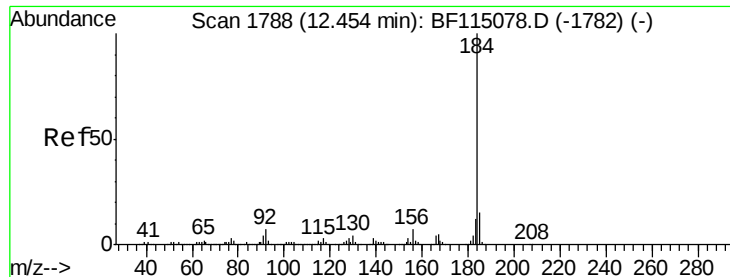
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.72 min Scan# 2004
 Delta R.T. -0.02 min
 Lab File: BF115129.D
 Acq: 22 Jun 2019 19:03

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

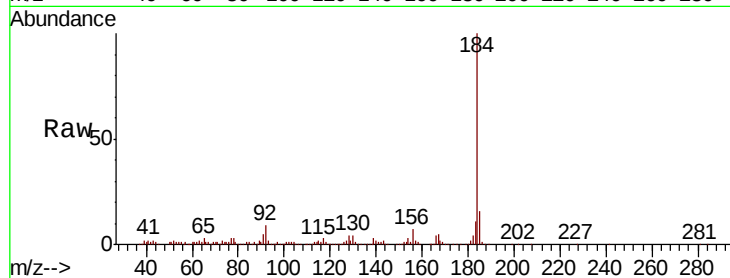
Tot Ion:184 Resp: 396032

Ion Ratio Lower Upper

184 100

185 15.9 12.2 18.2

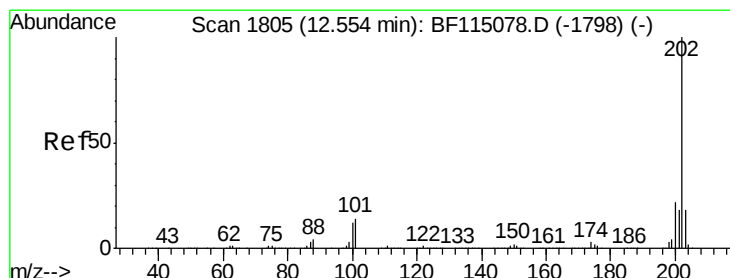
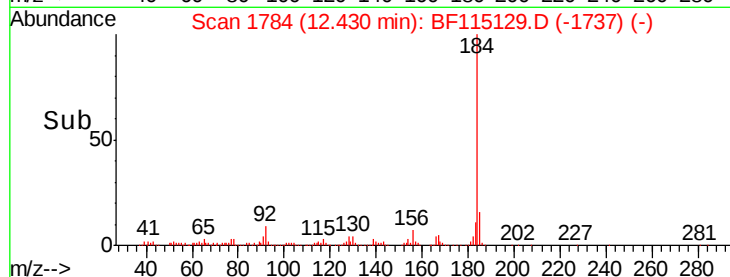
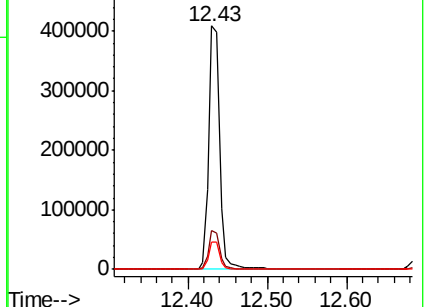
183 11.1 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 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

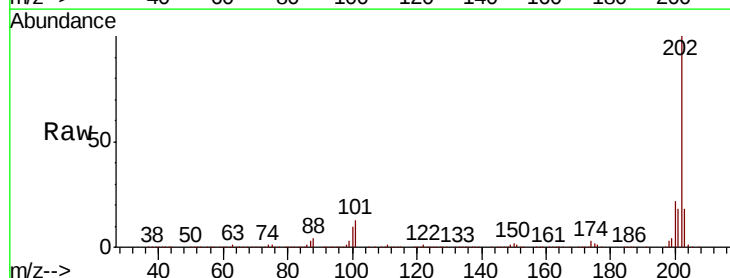
Tgt Ion:202 Resp: 1099978

Ion Ratio Lower Upper

202 100

200 22.1 17.9 26.9

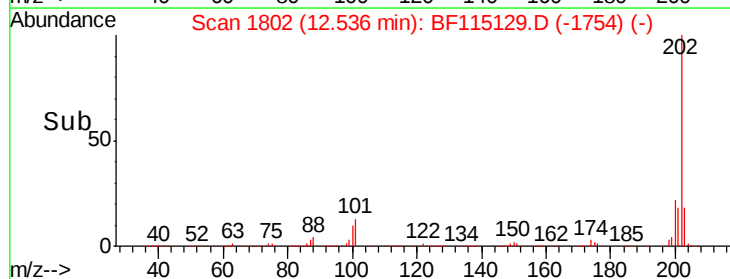
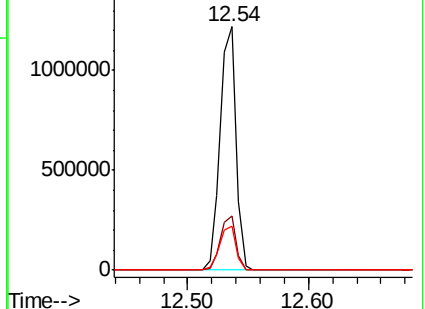
203 17.9 14.6 21.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 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

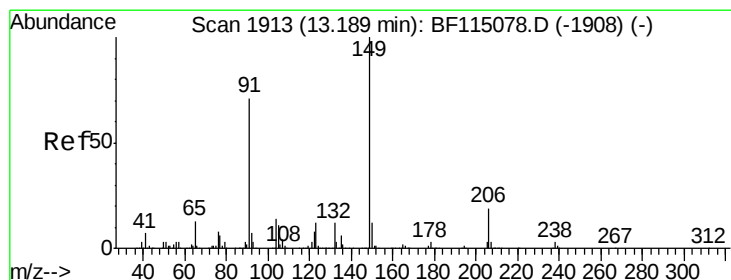
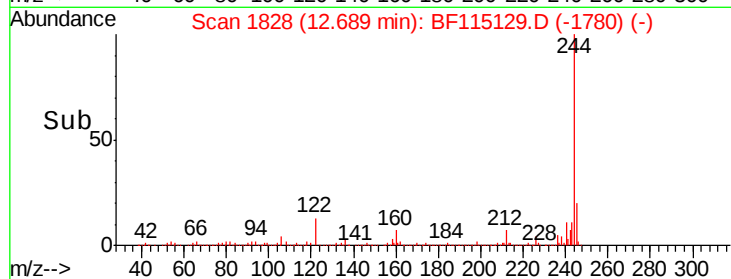
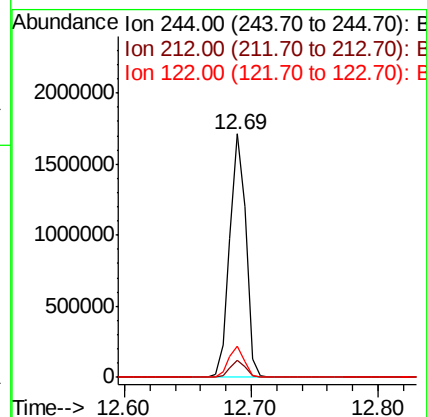
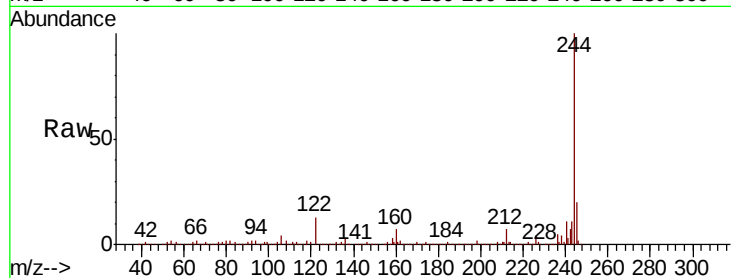
Tot Ion:244 Resp: 1515316

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

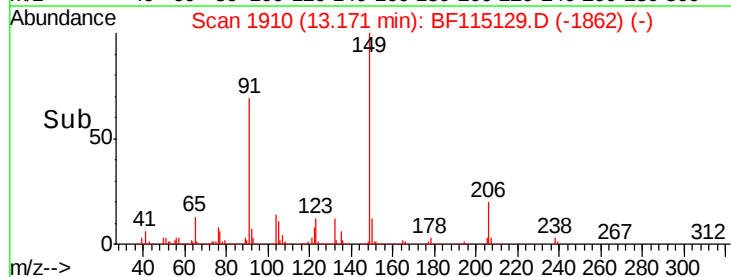
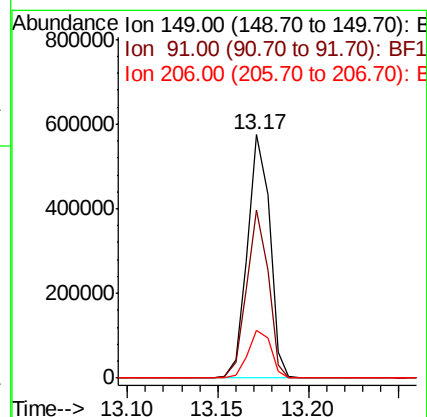
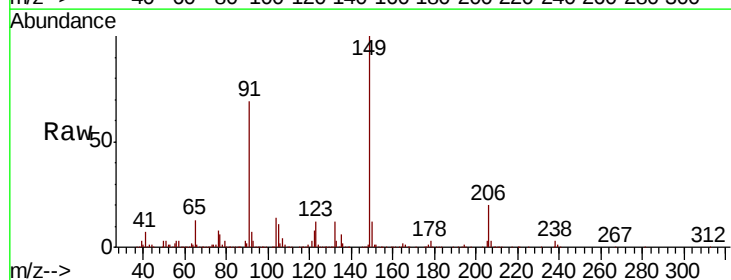
Tgt Ion:149 Resp: 491981

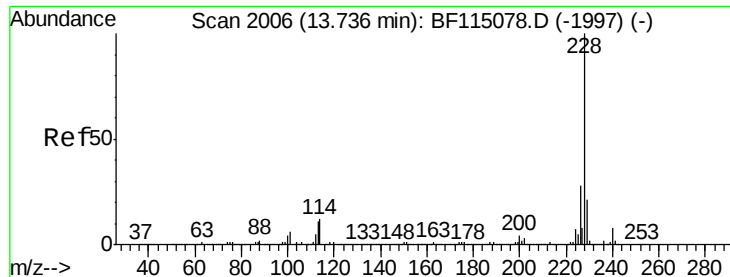
Ion Ratio Lower Upper

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

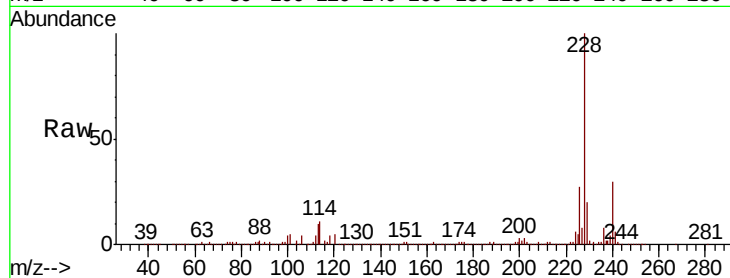
Tot Ion:228 Resp: 853733

Ion Ratio Lower Upper

228 100

226 27.0 22.5 33.7

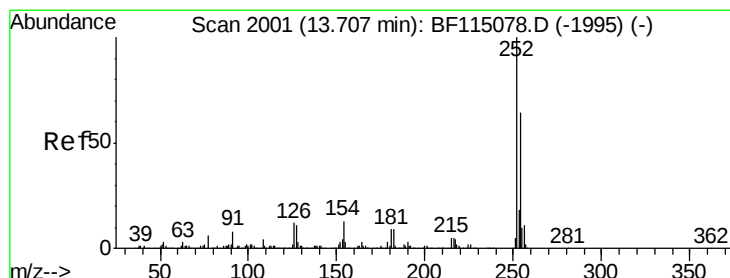
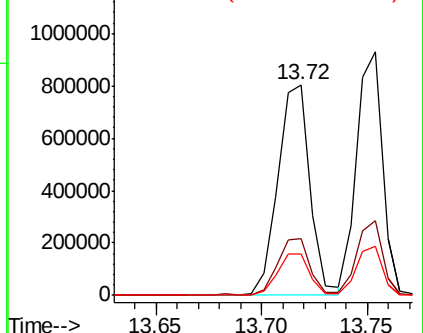
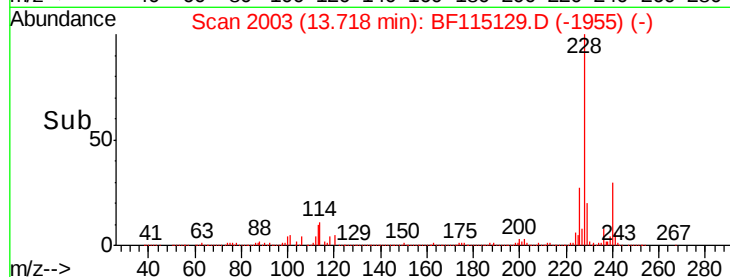
229 19.8 16.6 24.8



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

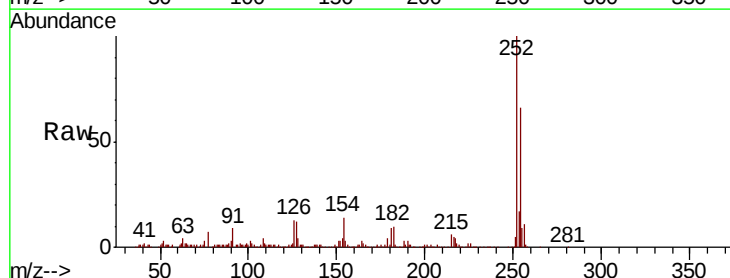
Tgt Ion:252 Resp: 230308

Ion Ratio Lower Upper

252 100

254 66.3 51.1 76.7

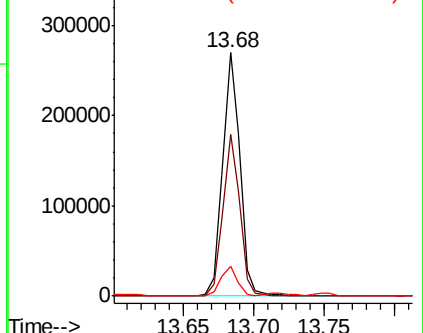
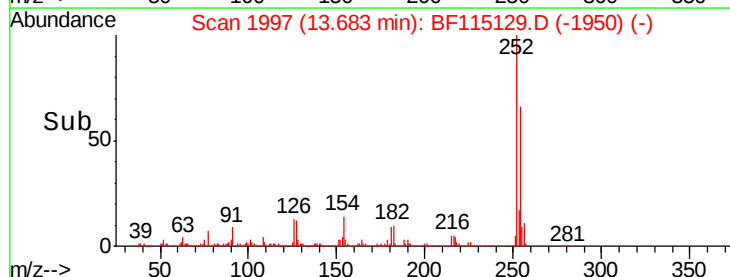
126 12.5 9.4 14.0



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

Chrysene

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

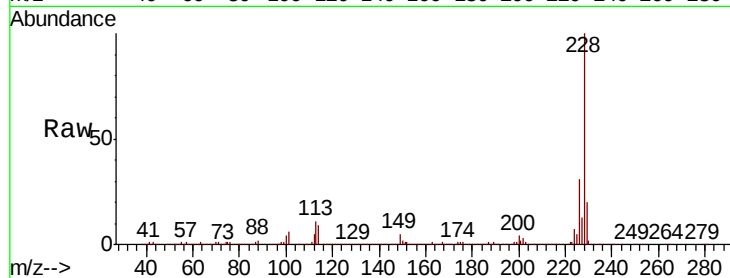
Tot Ion:228 Resp: 799819

Ion Ratio Lower Upper

228 100

226 30.6 25.4 38.0

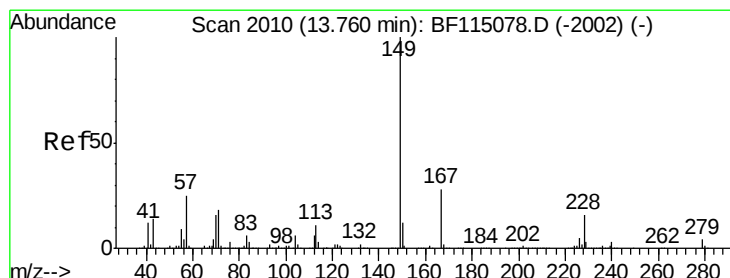
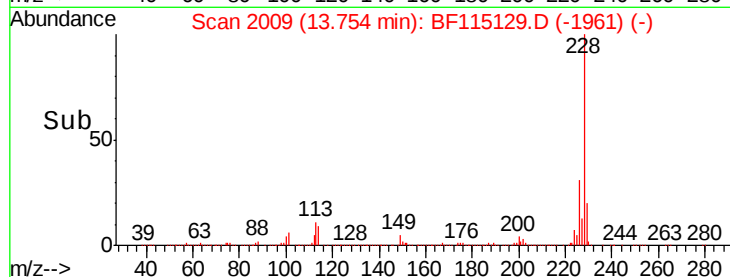
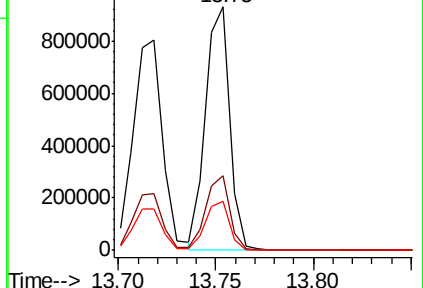
229 20.2 16.5 24.7



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

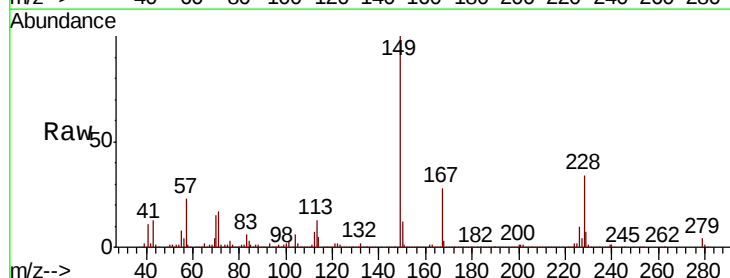
Tgt Ion:149 Resp: 653875

Ion Ratio Lower Upper

149 100

167 28.1 22.2 33.4

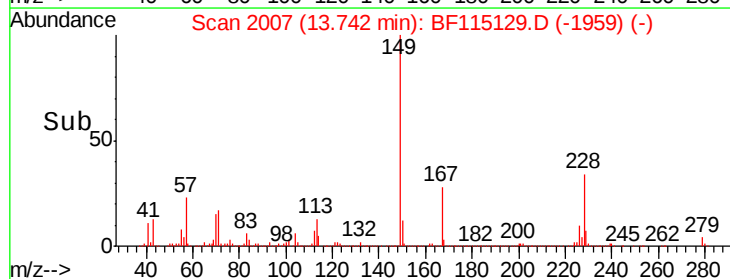
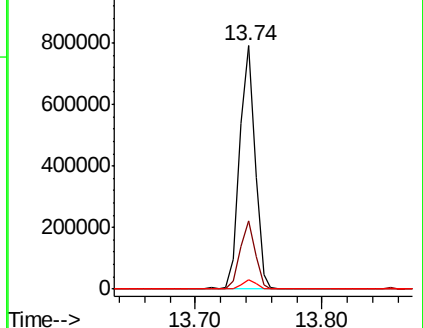
279 4.1 2.9 4.3

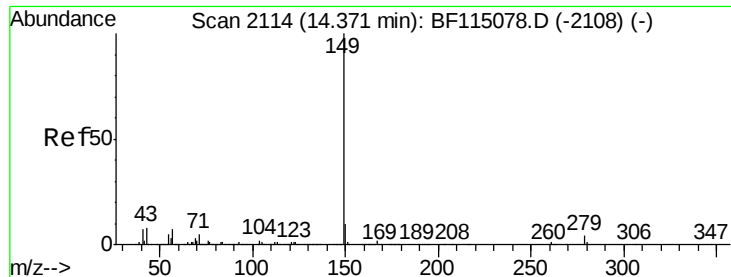


Abundance Ion 149.00 (148.70 to 149.70): E

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

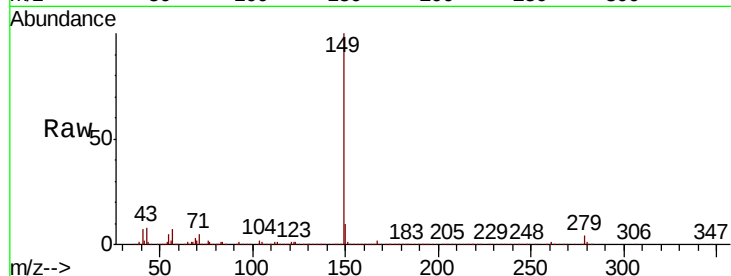
Tot Ion:149 Resp: 1005313

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

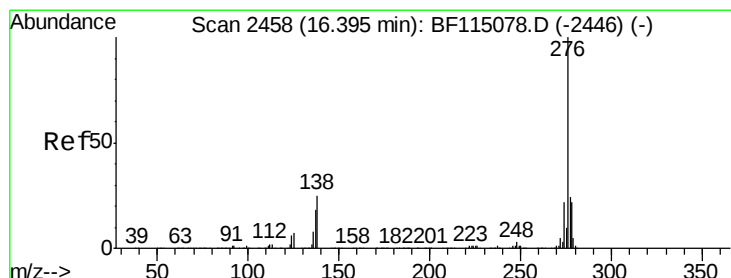
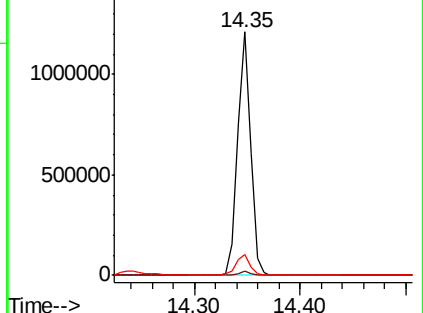
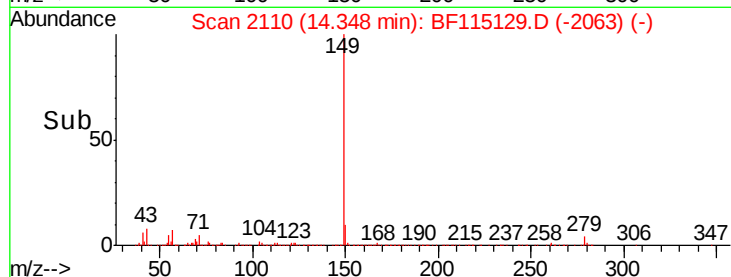
43 8.5 7.0 10.6



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

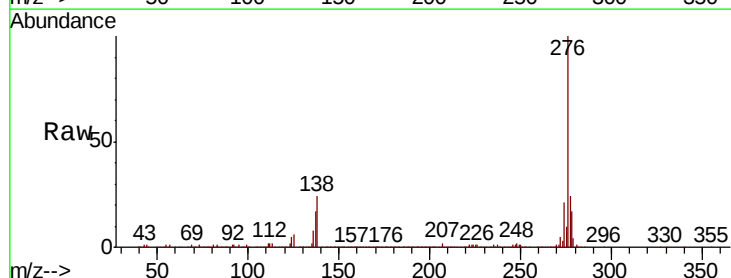
Tgt Ion:276 Resp: 896197

Ion Ratio Lower Upper

276 100

138 28.5 23.2 34.8

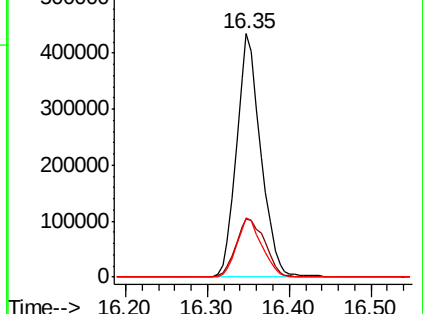
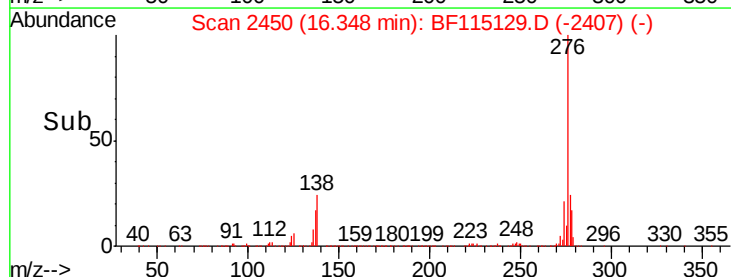
277 25.6 20.1 30.1

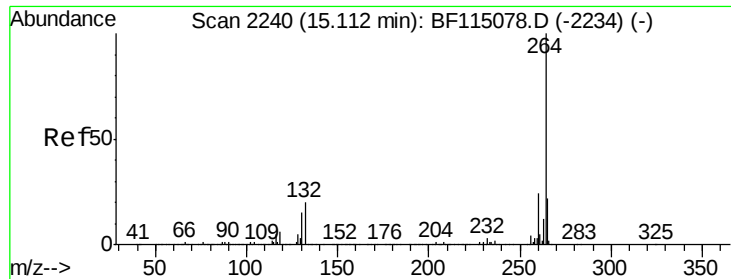


Abundance Ion 276.00 (275.70 to 276.70): E

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 :

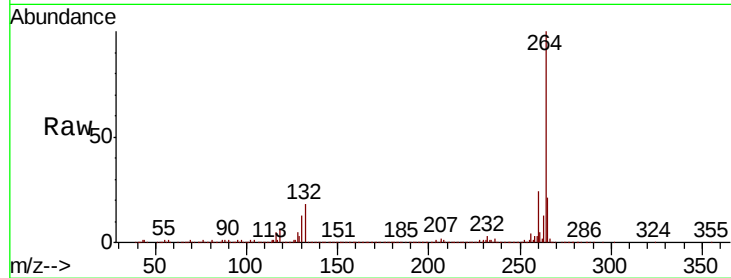
BNA_F

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

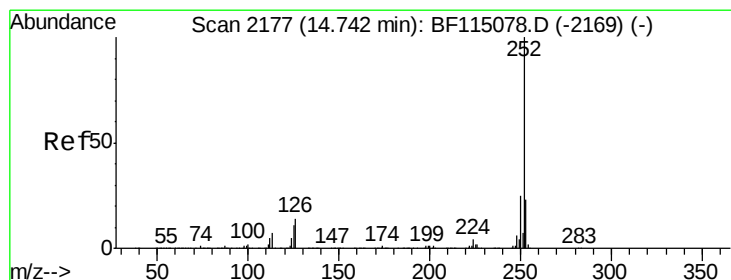
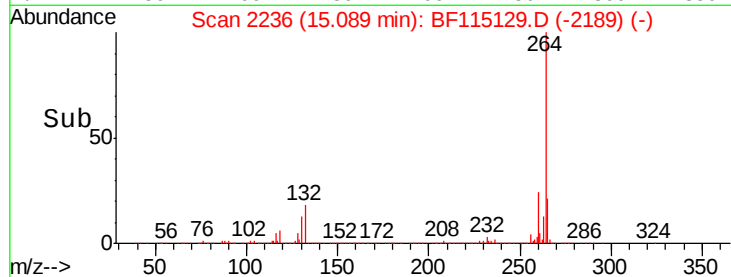
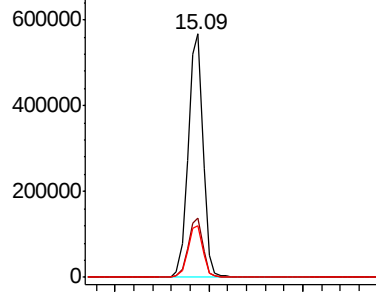


Abundance

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

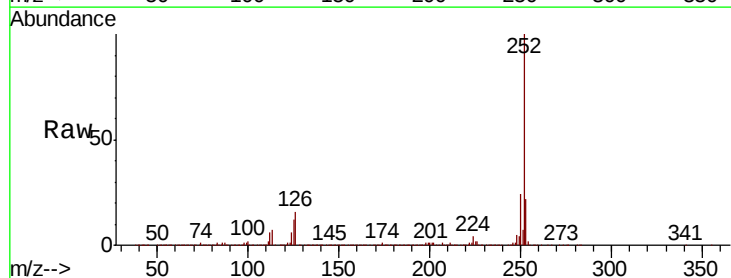
Delta R.T. -0.03 min

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

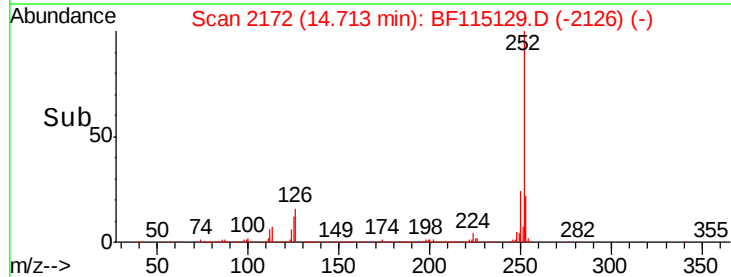
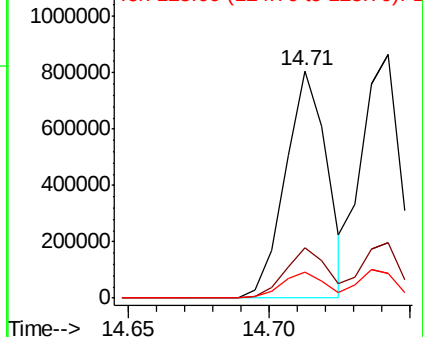


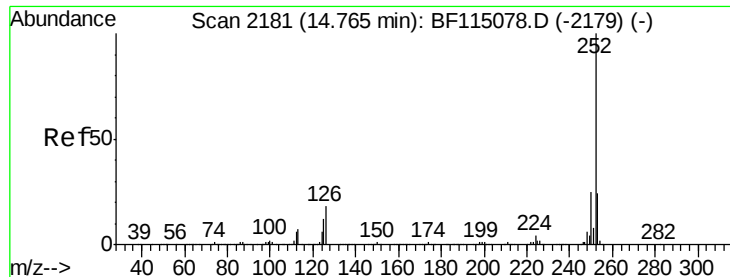
Abundance

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: 23.280 ng

RT: 14.74 min Scan# 2177

Delta R.T. -0.02 min

Lab File: BF115129.D

Acq: 22 Jun 2019 19:03

Instrument :

BNA_F

ClientSampleId :

SAMPLE-4MS

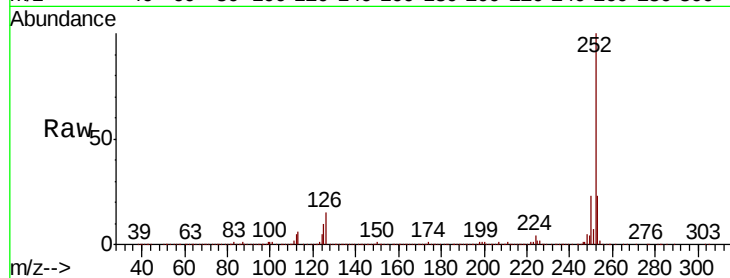
Tot Ion:252 Resp: 822226

Ion Ratio Lower Upper

252 100

253 22.6 18.9 28.3

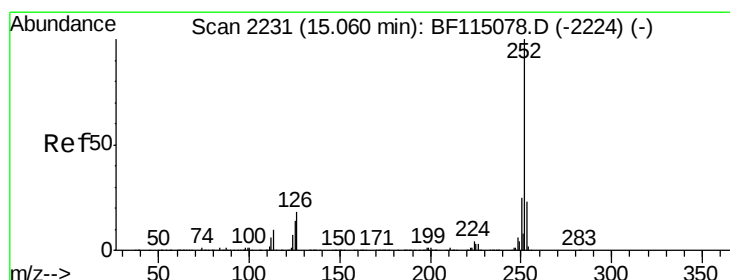
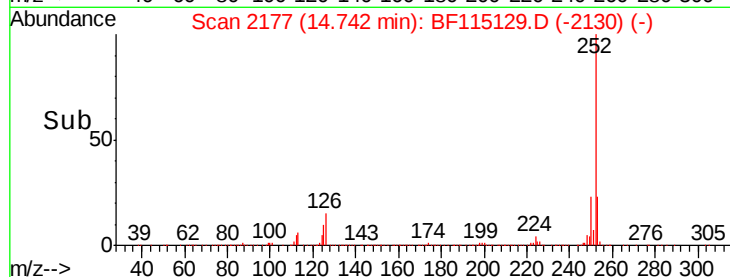
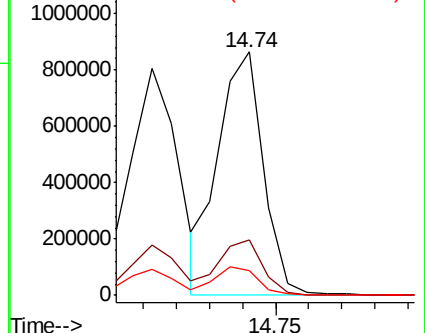
125 10.1 10.2 15.2#



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

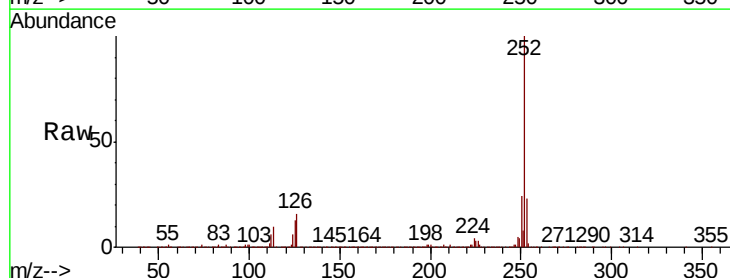
Tgt Ion:252 Resp: 818004

Ion Ratio Lower Upper

252 100

253 22.8 18.3 27.5

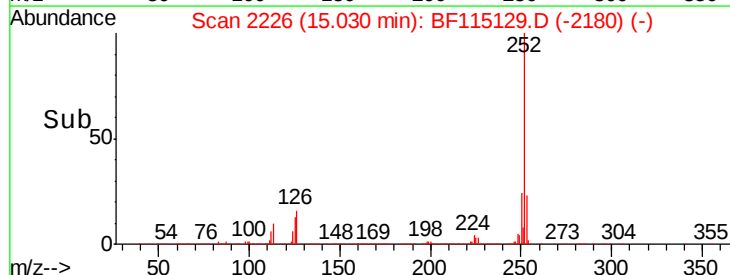
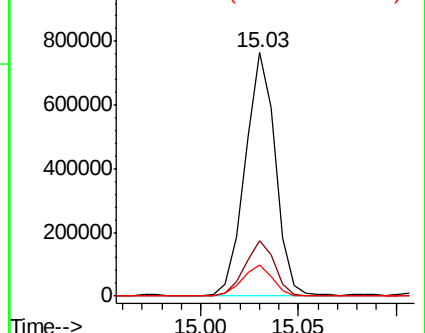
125 12.8 10.9 16.3

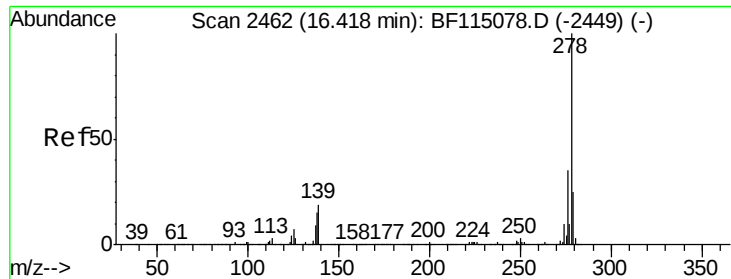


Abundance Ion 252.00 (251.70 to 252.70): E

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

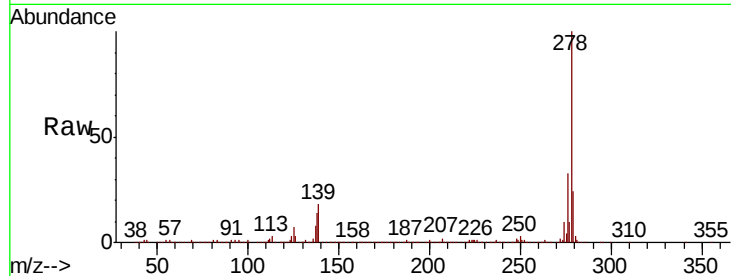
Tot Ion:278 Resp: 764446

Ion Ratio Lower Upper

278 100

139 17.5 15.4 23.2

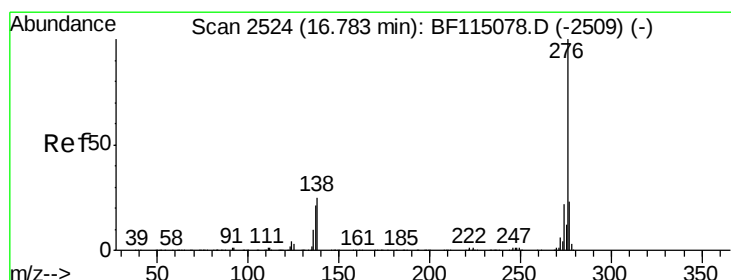
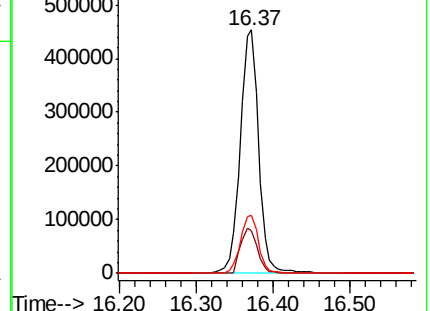
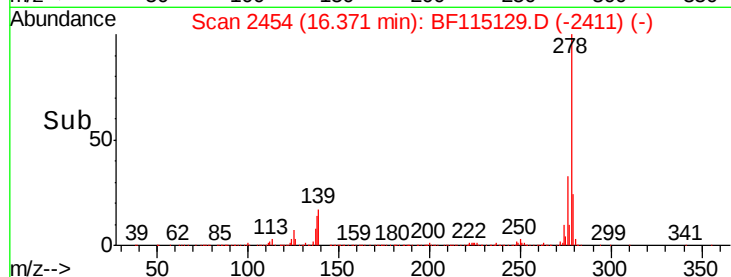
279 24.1 19.9 29.9



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



#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

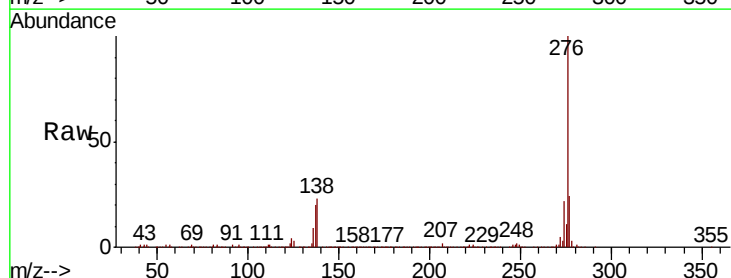
Tgt Ion:276 Resp: 712039

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

