

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062219\
 Data File : BF115126.D
 Acq On : 22 Jun 2019 17:43
 Operator : HP/JU
 Sample : K3441-04MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-3MSD

Quant Time: Jun 24 05:31:55 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	311559	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1215104	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	598724	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	1127930	20.00	ng	0.00
76) Chrysene-d12	13.73	240	613735	20.00	ng	-0.02
87) Perylene-d12	15.09	264	669903	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.24	112	2006357	99.38	ng	0.03
7) Phenol-d6	6.26	99	2388002	97.45	ng	0.00
23) Nitrobenzene-d5	7.18	82	1677334	84.92	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	734630	116.35	ng	0.00
45) 2-Fluorobiphenyl	8.97	172	3026602	85.87	ng	-0.01
79) Terphenyl-d14	12.70	244	2901495	100.52	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	317769	33.350	ng	# 86
3) Pyridine	3.04	79	683287	25.443	ng	98
4) n-Nitrosodimethylamine	2.97	42	370547	35.196	ng	99
6) Aniline	6.28	93	251635	7.472	ng	# 1
8) 2-Chlorophenol	6.40	128	844220	37.187	ng	99
9) Benzaldehyde	6.16	77	453956	28.395	ng	97
10) Phenol	6.27	94	866444	30.185	ng	90
11) bis(2-Chloroethyl)ether	6.36	93	796407	37.639	ng	99
12) 1,3-Dichlorobenzene	6.55	146	921101	36.559	ng	98
13) 1,4-Dichlorobenzene	6.63	146	931722	36.878	ng	99
14) 1,2-Dichlorobenzene	6.78	146	859335	36.728	ng	98
15) Benzyl Alcohol	6.76	79	676979	37.939	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1130523	36.838	ng	99
17) 2-Methylphenol	6.88	107	698612	37.282	ng	99
18) Hexachloroethane	7.13	117	335177	36.798	ng	96
19) n-Nitroso-di-n-propylamine	7.04	70	568798	36.256	ng	98
20) 3+4-Methylphenols	7.03	107	787836	36.411	ng	97
22) Acetophenone	7.02	105	1142296	41.064	ng	# 98
24) Nitrobenzene	7.20	77	873374	40.134	ng	99
25) Isophorone	7.44	82	1600925	39.564	ng	99
26) 2-Nitrophenol	7.51	139	475796	44.274	ng	99
27) 2,4-Dimethylphenol	7.56	122	770536	43.792	ng	99
28) bis(2-Chloroethoxy)methane	7.65	93	1013915	39.644	ng	100
29) 2,4-Dichlorophenol	7.75	162	746066	41.087	ng	99
30) 1,2,4-Trichlorobenzene	7.84	180	809939	40.381	ng	100
31) Naphthalene	7.91	128	2420622	40.583	ng	100
32) Benzoic acid	7.67	122	325577	25.922	ng	99
33) 4-Chloroaniline	7.96	127	136061	4.991	ng	98
34) Hexachlorobutadiene	8.04	225	435543	39.625	ng	98
35) Caprolactam	8.34	113	182134m	29.834	ng	
36) 4-Chloro-3-methylphenol	8.45	107	746726	40.606	ng	97
37) 2-Methylnaphthalene	8.61	142	1662704	41.344	ng	99
38) 1-Methylnaphthalene	8.70	142	1568105	40.826	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	685607	40.523	ng	99

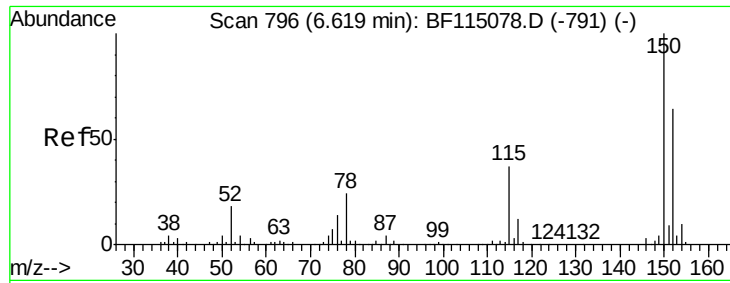
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062219\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	698597	69.635	ng	100
43) 2,4,6-Trichlorophenol	8.88	196	544285	41.669	ng	99
44) 2,4,5-Trichlorophenol	8.92	196	563023	41.856	ng	99
46) 1,1'-Biphenyl	9.07	154	1912043	39.912	ng	98
47) 2-Chloronaphthalene	9.09	162	1556356	40.051	ng	98
48) 2-Nitroaniline	9.18	65	458789	40.496	ng	94
49) Acenaphthylene	9.50	152	2439665	40.295	ng	99
50) Dimethylphthalate	9.38	163	1769200	40.164	ng	100
51) 2,6-Dinitrotoluene	9.43	165	425545	41.845	ng	95
52) Acenaphthene	9.67	154	1558905	41.148	ng	99
53) 3-Nitroaniline	9.59	138	184296	14.850	ng	97
54) 2,4-Dinitrophenol	9.70	184	267073	53.695	ng	97
55) Dibenzofuran	9.85	168	2112340	38.847	ng	100
56) 4-Nitrophenol	9.76	139	681951	68.542	ng	97
57) 2,4-Dinitrotoluene	9.83	165	559162	42.583	ng	95
58) Fluorene	10.19	166	1457687	39.452	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.97	232	455102	40.349	ng	99
60) Diethylphthalate	10.08	149	1782969	40.267	ng	99
61) 4-Chlorophenyl-phenylether	10.18	204	705926	40.325	ng	98
62) 4-Nitroaniline	10.21	138	444085	35.670	ng	99
63) Azobenzene	10.34	77	1640038	39.655	ng	98
65) 4,6-Dinitro-2-methylphenol	10.23	198	212624	36.727	ng	79
66) n-Nitrosodiphenylamine	10.30	169	1492891	42.484	ng	100
67) 4-Bromophenyl-phenylether	10.67	248	506969	41.456	ng	92
68) Hexachlorobenzene	10.73	284	549179	41.373	ng	95
69) Atrazine	10.83	200	458798	40.587	ng	98
70) Pentachlorophenol	10.92	266	546067	64.574	ng	98
71) Phenanthrene	11.14	178	2350423	38.703	ng	99
72) Anthracene	11.19	178	2369252	38.649	ng	98
73) Carbazole	11.34	167	2101776	38.395	ng	98
74) Di-n-butylphthalate	11.70	149	2574417	40.699	ng	99
75) Fluoranthene	12.31	202	2248793	37.113	ng	100
77) Benzidine	12.44	184	53470	1.962	ng	# 77
78) Pyrene	12.54	202	2209381	46.843	ng	99
80) Butylbenzylphthalate	13.18	149	1008227	48.438	ng	93
81) Benzo(a)anthracene	13.72	228	1772096	40.241	ng	99
82) 3,3'-Dichlorobenzidine	13.68	252	238736	15.012	ng	99
83) Chrysene	13.75	228	1633108	40.484	ng	100
84) Bis(2-ethylhexyl)phthalate	13.74	149	1283005	47.041	ng	100
85) Di-n-octyl phthalate	14.35	149	2016961	44.014	ng	100
86) Indeno(1,2,3-cd)pyrene	16.36	276	1871533	39.208	ng	100
88) Benzo(b)fluoranthene	14.72	252	1716158	41.056	ng	99
89) Benzo(k)fluoranthene	14.75	252	1581350	42.186	ng	98
90) Benzo(a)pyrene	15.04	252	1629740	43.258	ng	100
91) Dibenzo(a,h)anthracene	16.38	278	1563060	44.440	ng	99
92) Benzo(g,h,i)perylene	16.74	276	1514437	42.543	ng	99

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

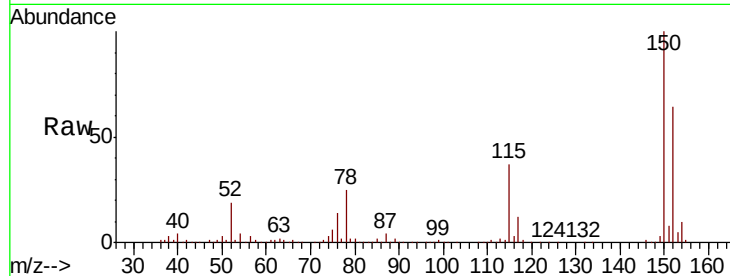


#1

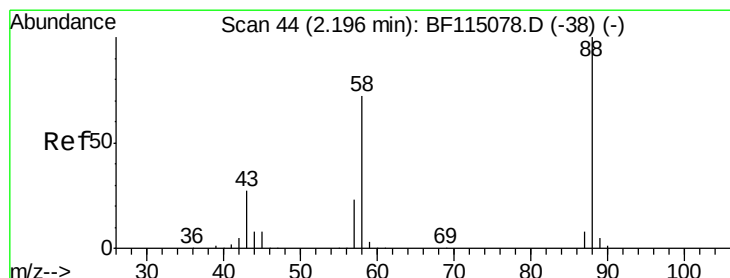
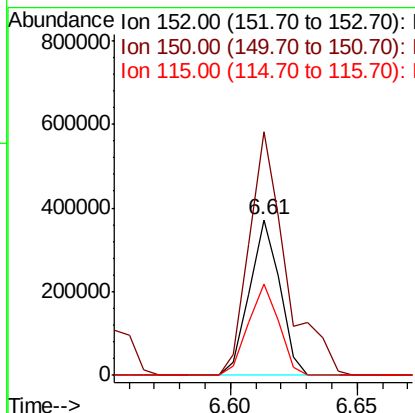
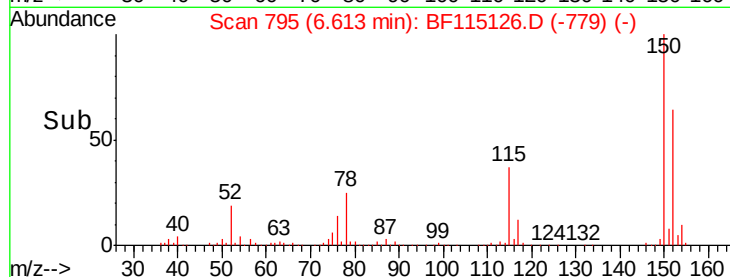
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115126.D
Acq: 22 Jun 2019 17:43

Instrument :
BNA_F
ClientSampleId :
SAMPLE-3MSD

Tot Ion:152 Resp: 311559
Ion Ratio Lower Upper
152 100
150 156.5 124.2 186.2
115 58.7 46.1 69.1



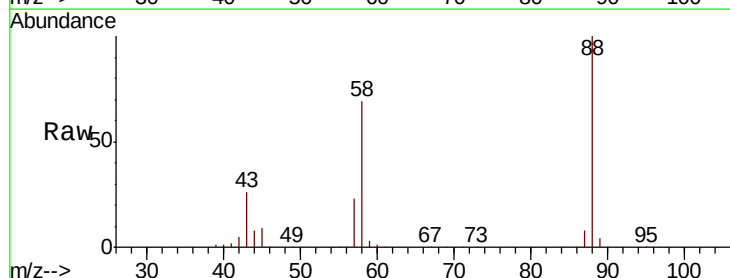
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



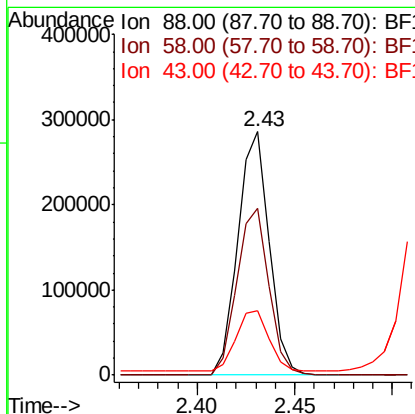
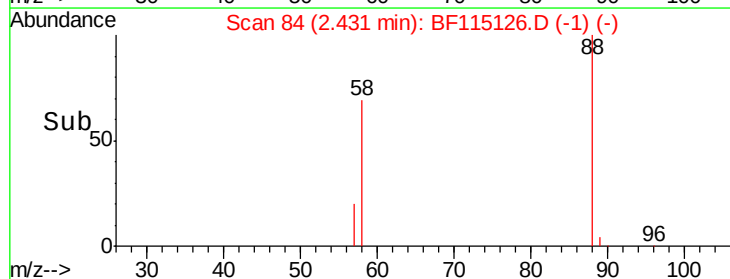
#2

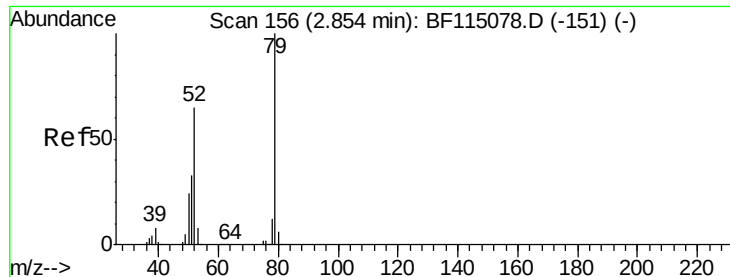
1,4-Dioxane
Concen: 33.350 ng
RT: 2.43 min Scan# 84
Delta R.T. 0.24 min
Lab File: BF115126.D
Acq: 22 Jun 2019 17:43

Tgt Ion: 88 Resp: 317769
Ion Ratio Lower Upper
88 100
58 70.2 56.1 84.1
43 0.0 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: 25.443 ng

RT: 3.04 min Scan# 187

Delta R.T. 0.18 min

Lab File: BF115126.D

Acq: 22 Jun 2019 17:43

Instrument :

BNA_F

ClientSampleId :

SAMPLE-3MSD

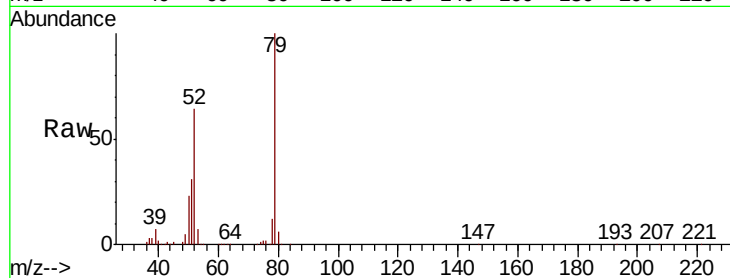
Tot Ion: 79 Resp: 683287

Ion Ratio Lower Upper

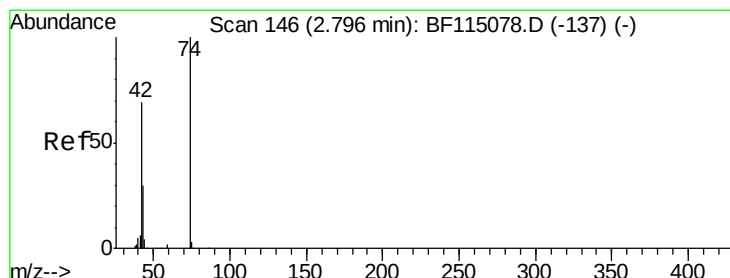
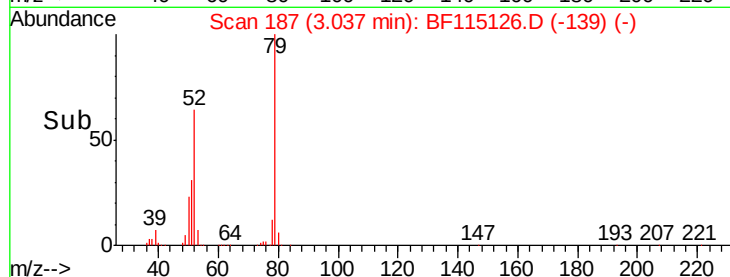
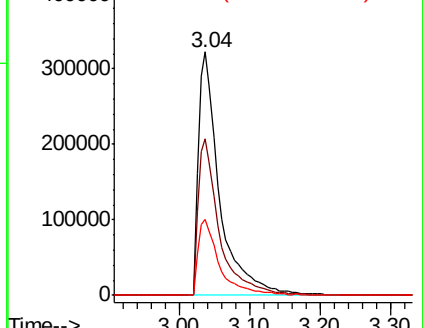
79 100

52 64.3 52.3 78.5

51 31.2 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: 35.196 ng

RT: 2.97 min Scan# 175

Delta R.T. 0.17 min

Lab File: BF115126.D

Acq: 22 Jun 2019 17:43

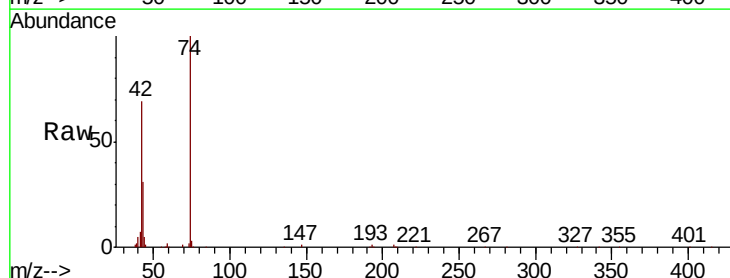
Tgt Ion: 42 Resp: 370547

Ion Ratio Lower Upper

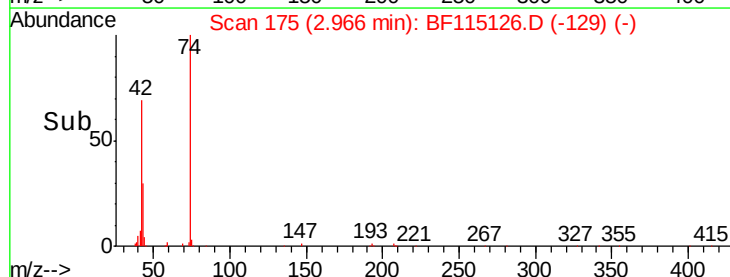
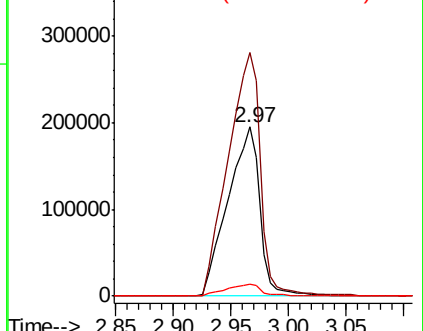
42 100

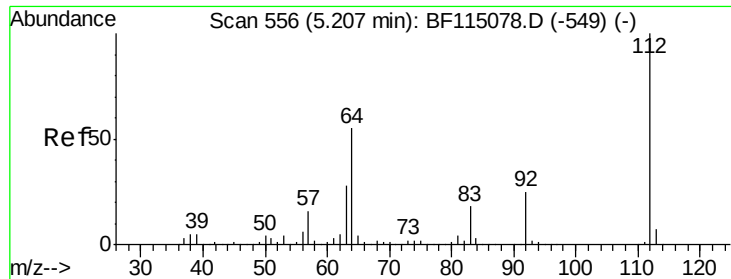
74 144.1 116.6 175.0

44 7.0 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: 99.376 ng

RT: 5.24 min Scan# 561

Delta R.T. 0.03 min

Lab File: BF115126.D

Acq: 22 Jun 2019 17:43

Instrument :

BNA_F

ClientSampleId :

SAMPLE-3MSD

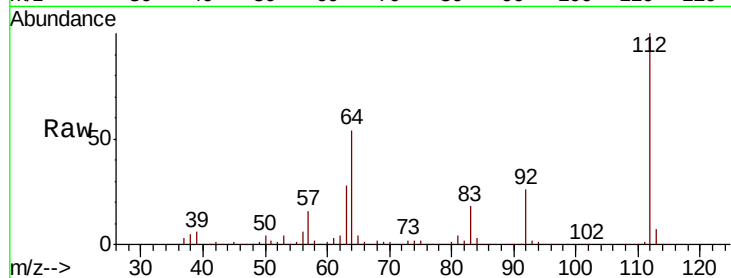
Tot Ion:112 Resp: 2006357

Ion Ratio Lower Upper

112 100

64 54.3 43.8 65.6

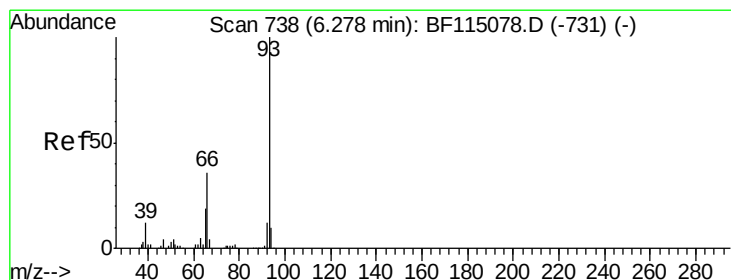
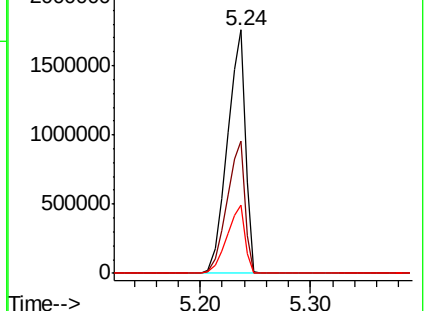
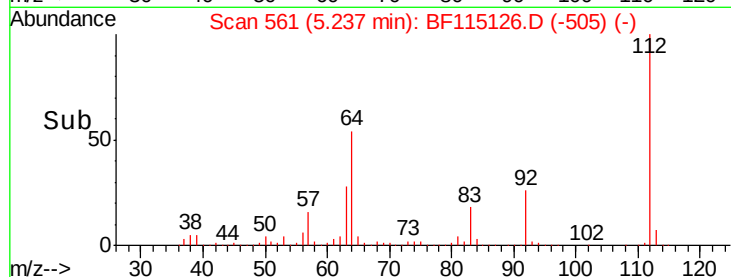
63 27.8 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 7.472 ng

RT: 6.28 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF115126.D

Acq: 22 Jun 2019 17:43

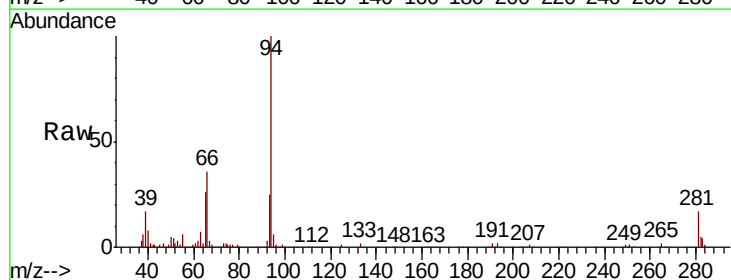
Tgt Ion: 93 Resp: 251635

Ion Ratio Lower Upper

93 100

66 143.8 30.0 45.0#

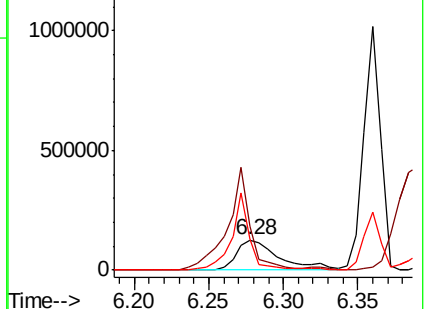
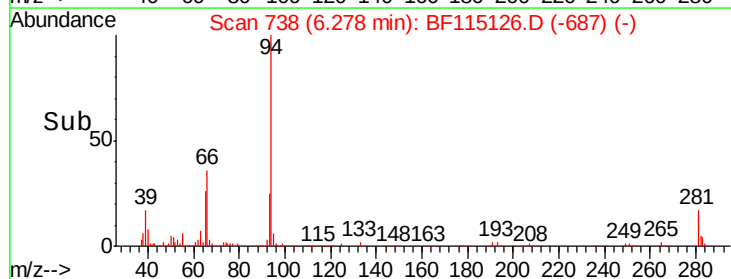
65 103.8 15.6 23.4#

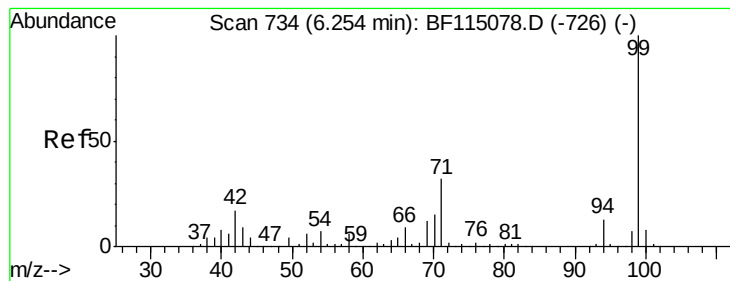


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 97.449 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF115126.D

Acq: 22 Jun 2019 17:43

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ClientSampleId :

SAMPLE-3MSD

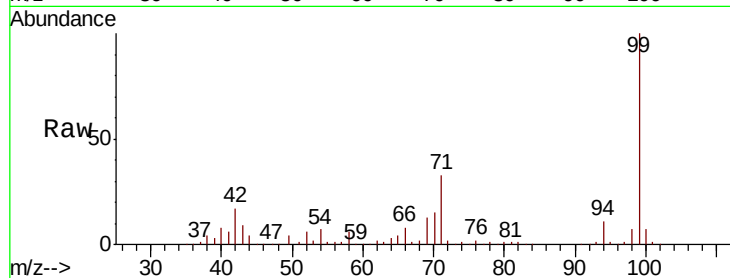
Tot Ion: 99 Resp: 2388002

Ion Ratio Lower Upper

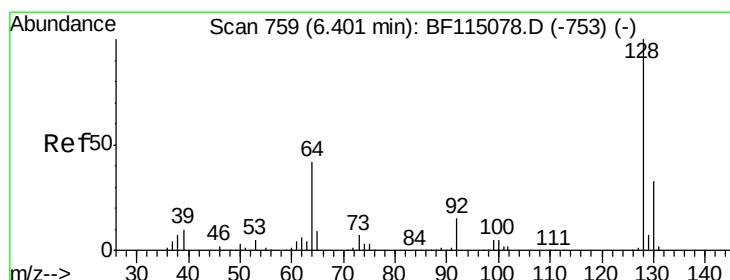
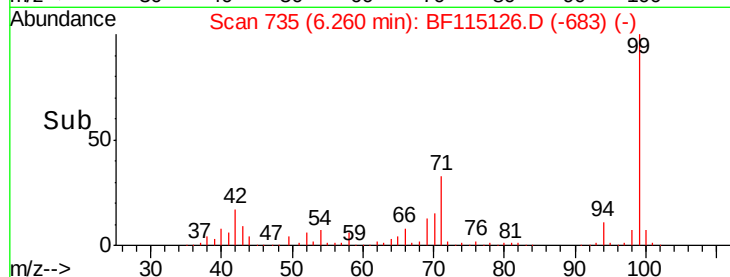
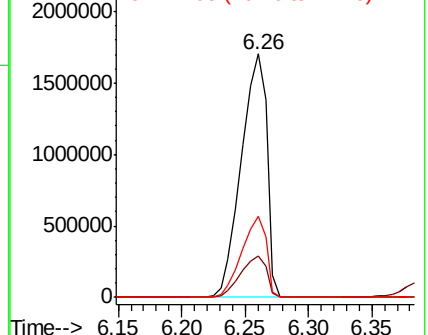
99 100

42 17.1 13.6 20.4

71 33.3 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: 37.187 ng

RT: 6.40 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF115126.D

Acq: 22 Jun 2019 17:43

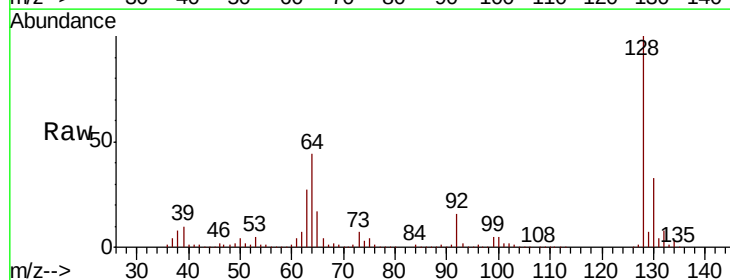
Tgt Ion: 128 Resp: 844220

Ion Ratio Lower Upper

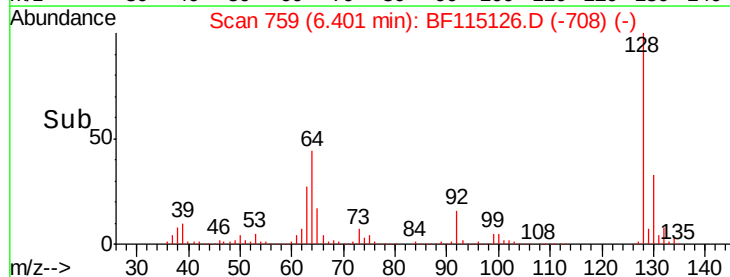
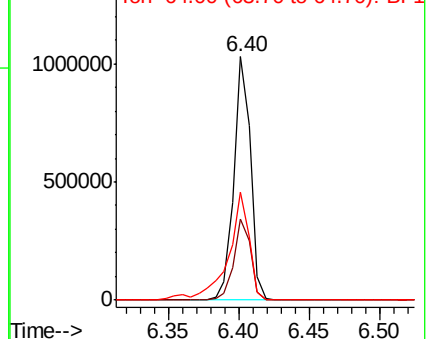
128 100

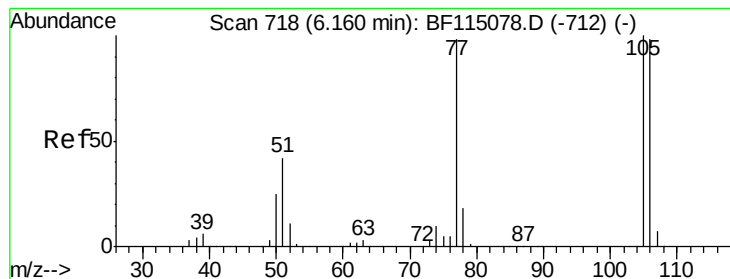
130 33.2 12.9 52.9

64 44.1 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: 28.395 ng

RT: 6.16 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF115126.D

Acq: 22 Jun 2019 17:43

Instrument :

BNA_F

ClientSampleId :

SAMPLE-3MSD

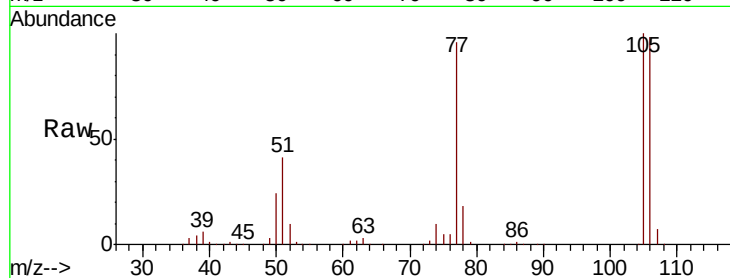
Tot Ion: 77 Resp: 453956

Ion Ratio Lower Upper

77 100

105 104.5 81.5 121.5

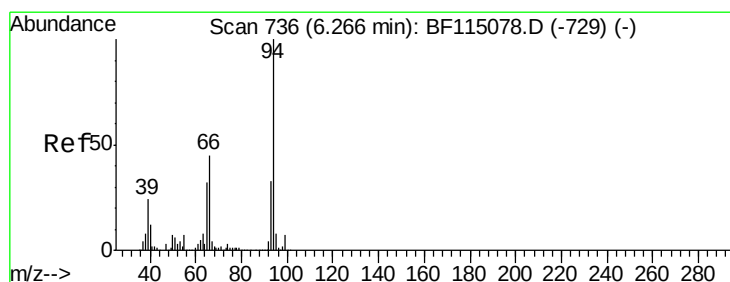
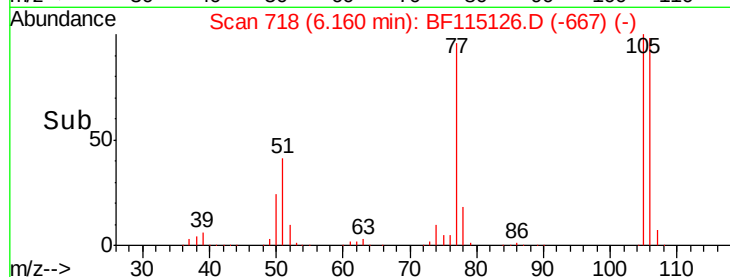
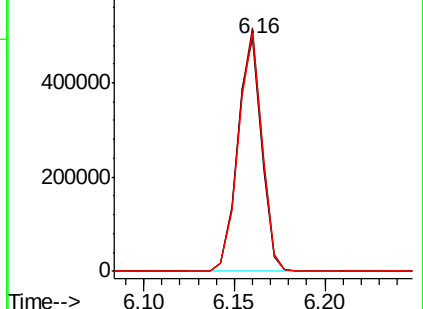
106 102.2 79.7 119.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 30.185 ng

RT: 6.27 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF115126.D

Acq: 22 Jun 2019 17:43

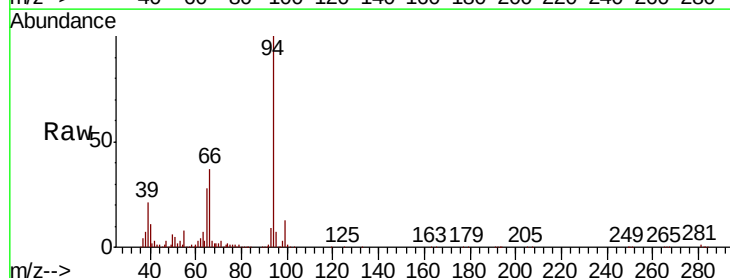
Tgt Ion: 94 Resp: 866444

Ion Ratio Lower Upper

94 100

65 27.9 11.9 51.9

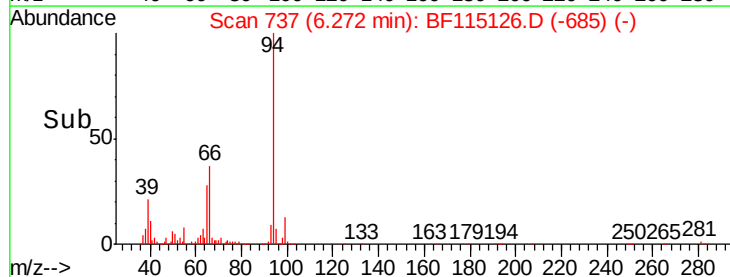
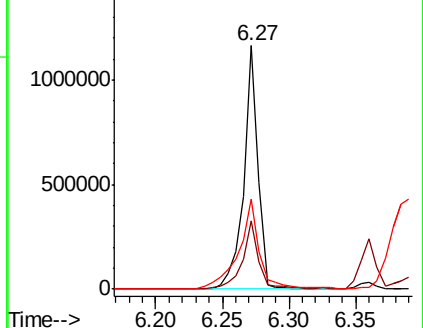
66 36.8 25.2 65.2

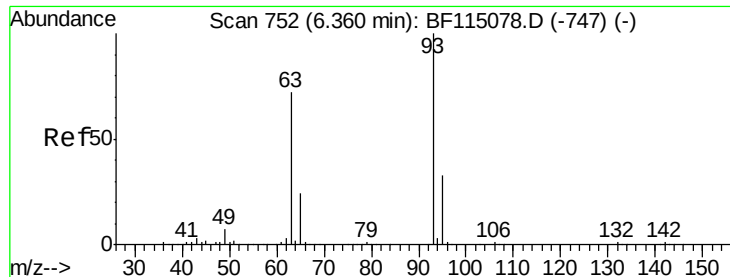


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 37.639 ng

RT: 6.36 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF115126.D

Acq: 22 Jun 2019 17:43

Instrument :

BNA_F

ClientSampleId :

SAMPLE-3MSD

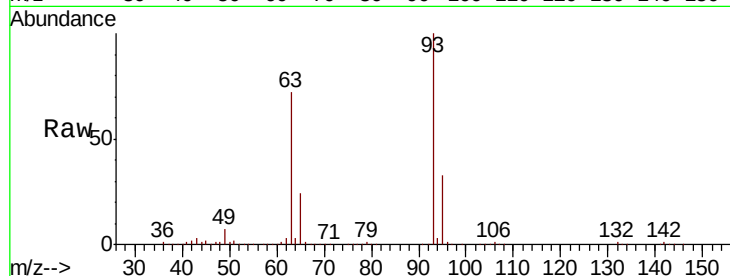
Tot Ion: 93 Resp: 796407

Ion Ratio Lower Upper

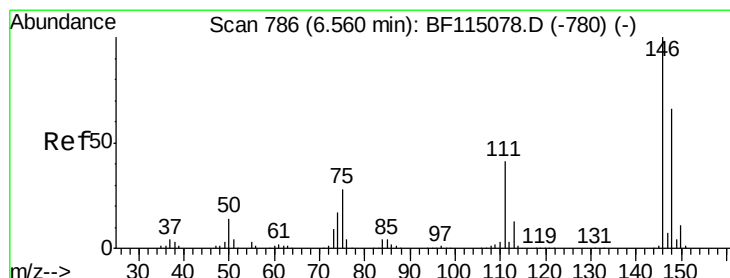
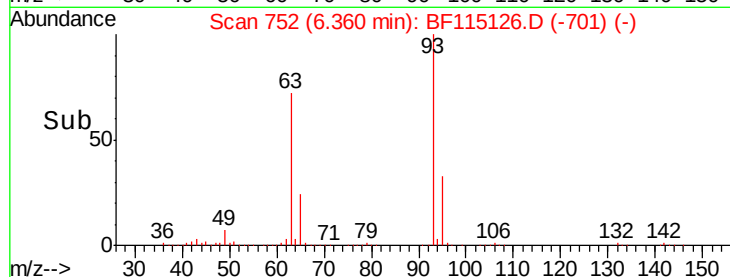
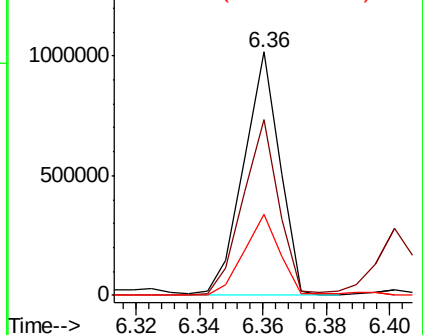
93 100

63 72.1 51.5 91.5

95 33.2 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: 36.559 ng

RT: 6.55 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF115126.D

Acq: 22 Jun 2019 17:43

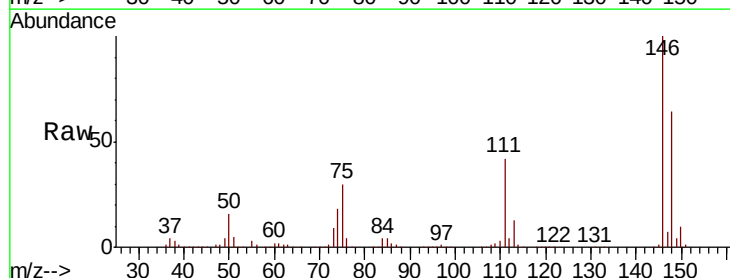
Tgt Ion: 146 Resp: 921101

Ion Ratio Lower Upper

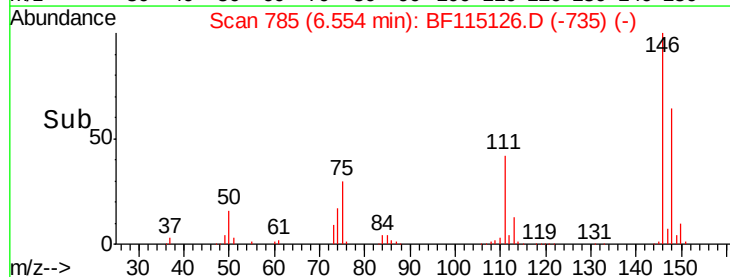
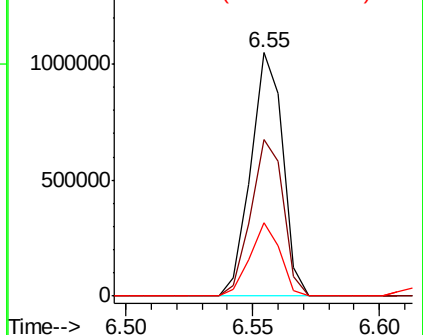
146 100

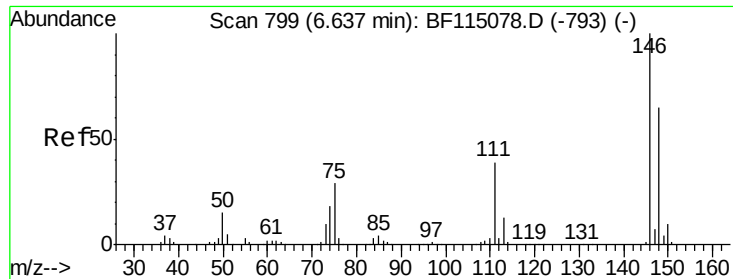
148 64.4 52.6 78.8

75 30.0 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

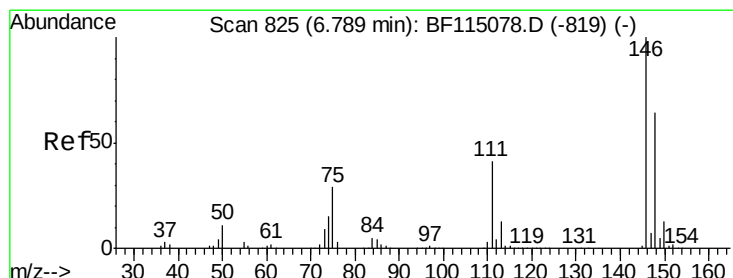
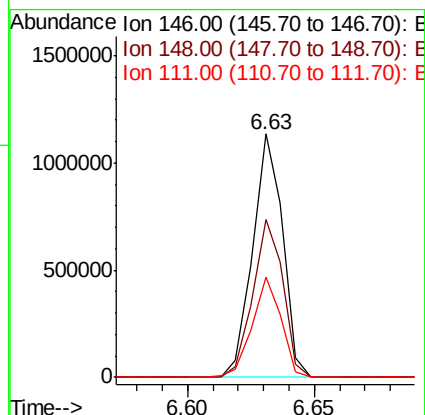
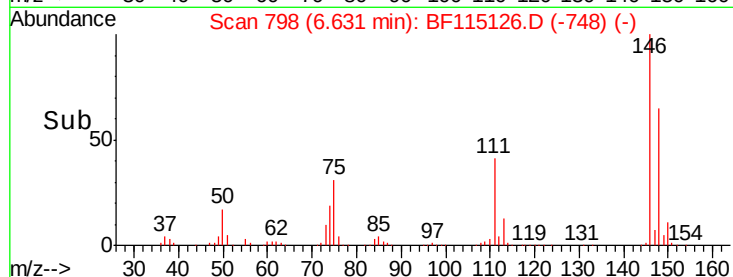
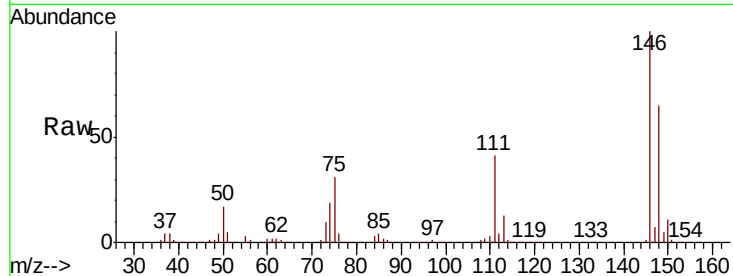




#13
 1,4-Dichlorobenzene
 Concen: 36.878 ng
 RT: 6.63 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF115126.D
 Acq: 22 Jun 2019 17:43

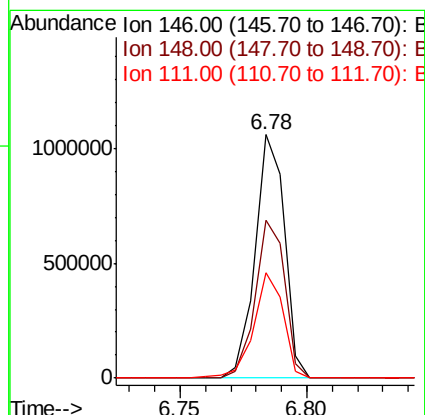
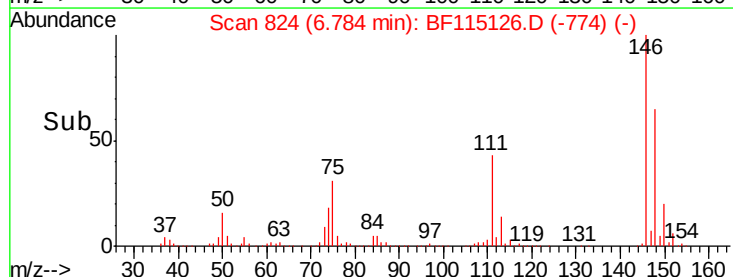
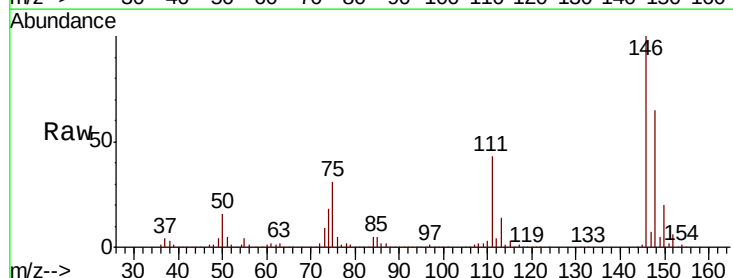
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-3MSD

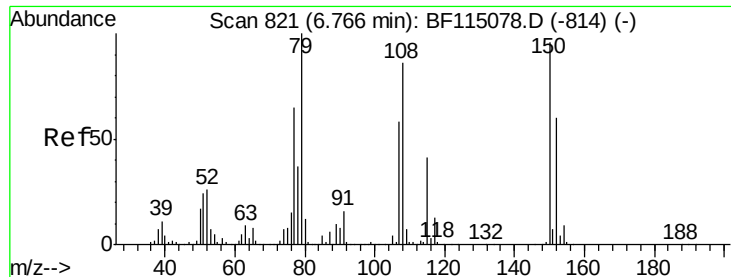
Tot Ion:146 Resp: 931722
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.9 77.9
 111 41.0 31.4 47.0



#14
 1,2-Dichlorobenzene
 Concen: 36.728 ng
 RT: 6.78 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF115126.D
 Acq: 22 Jun 2019 17:43

Tgt Ion:146 Resp: 859335
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.1 76.7
 111 43.4 33.2 49.8

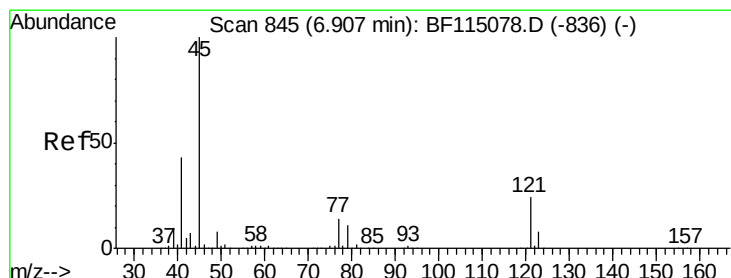
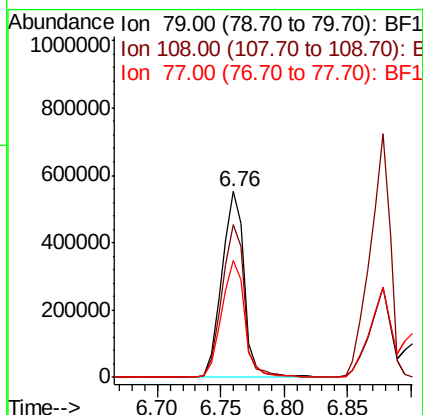
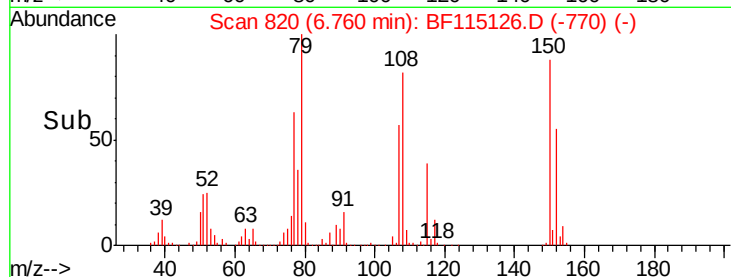
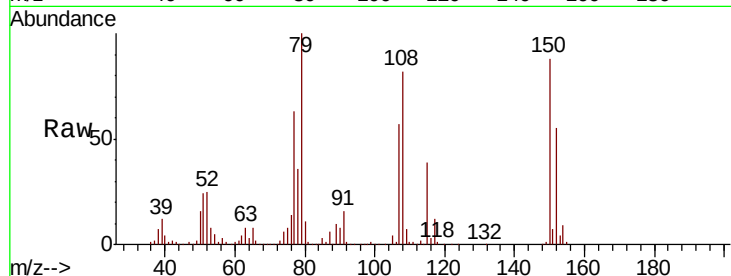




#15
Benzyl Alcohol
Concen: 37.939 ng
RT: 6.76 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF115126.D
Acq: 22 Jun 2019 17:43

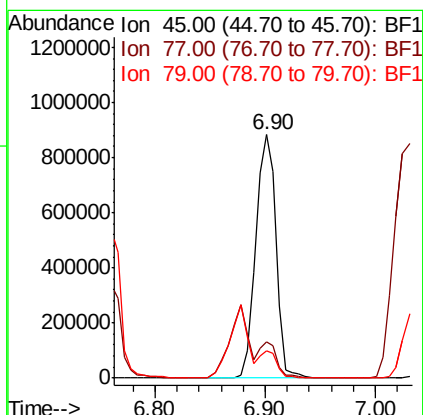
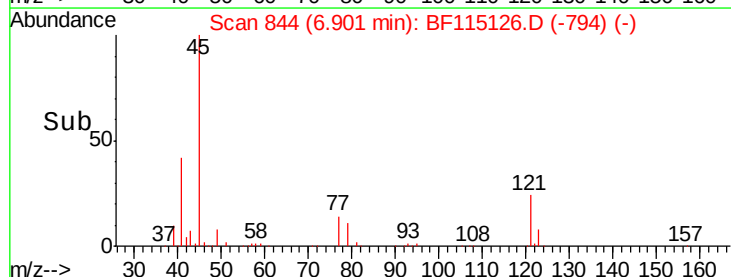
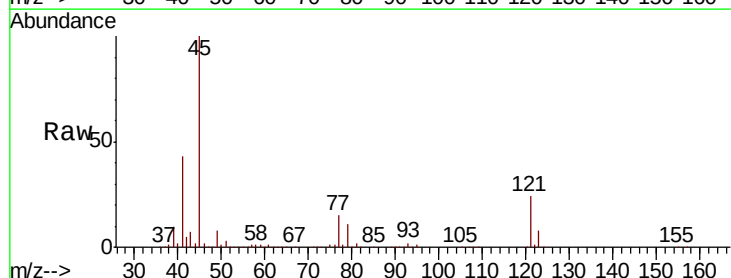
Instrument :
BNA_F
ClientSampleId :
SAMPLE-3MSD

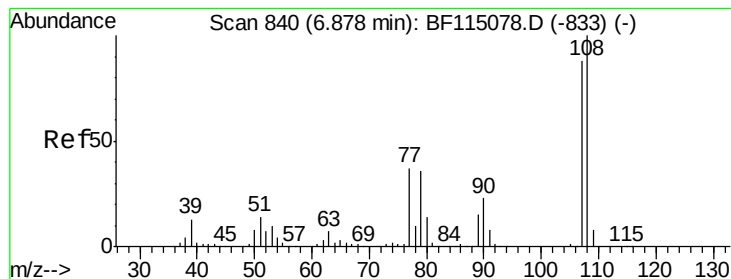
Tot Ion: 79 Resp: 676979
Ion Ratio Lower Upper
79 100
108 82.3 68.7 103.1
77 62.7 51.7 77.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 36.838 ng
RT: 6.90 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF115126.D
Acq: 22 Jun 2019 17:43

Tgt Ion: 45 Resp: 1130523
Ion Ratio Lower Upper
45 100
77 14.9 0.0 34.6
79 11.3 0.0 31.2





#17

2-Methylphenol

Concen: 37.282 ng

RT: 6.88 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF115126.D

Acq: 22 Jun 2019 17:43

Instrument :

BNA_F

ClientSampleId :

SAMPLE-3MSD

Tot Ion:107 Resp: 698612

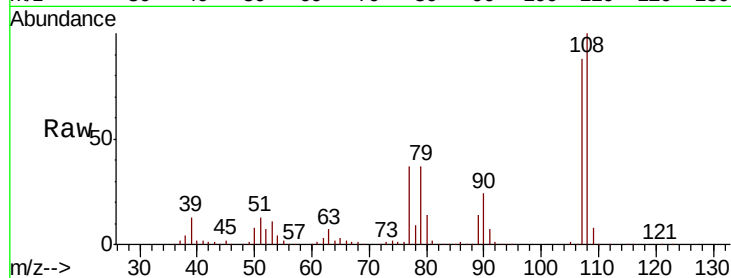
Ion Ratio Lower Upper

107 100

108 113.3 90.9 136.3

77 42.0 33.4 50.2

79 41.6 32.3 48.5

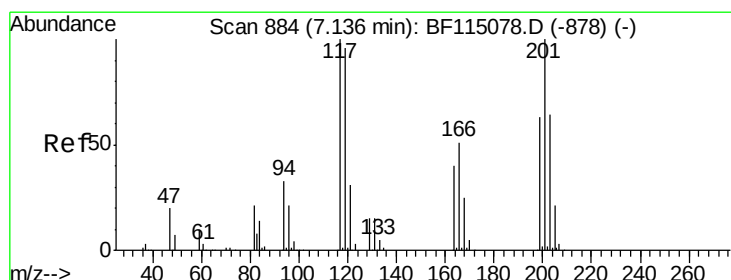
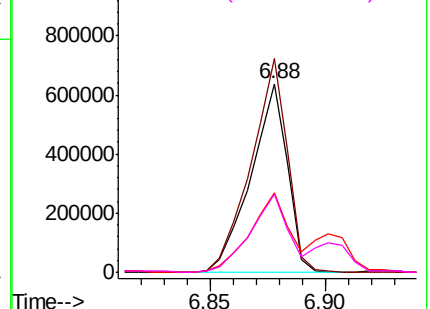
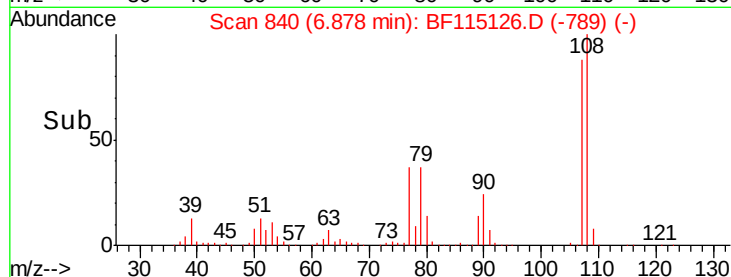


Abundance Ion 107.00 (106.70 to 107.70): E

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: 36.798 ng

RT: 7.13 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF115126.D

Acq: 22 Jun 2019 17:43

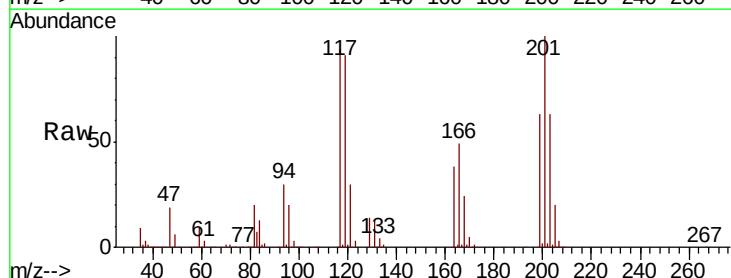
Tgt Ion:117 Resp: 335177

Ion Ratio Lower Upper

117 100

119 96.8 76.6 114.8

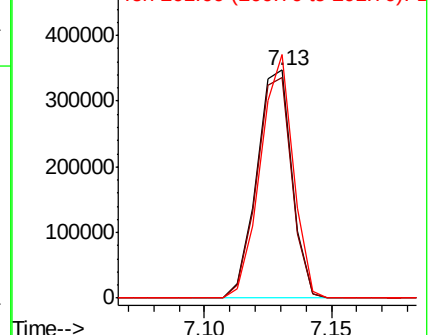
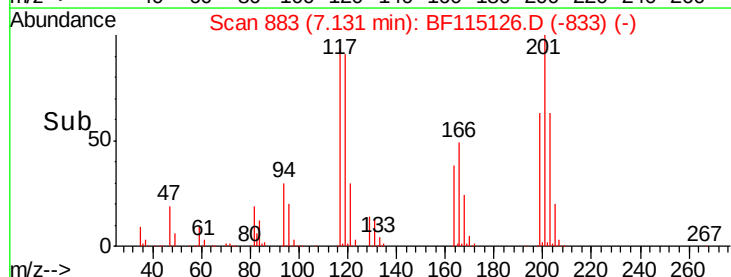
201 106.7 80.2 120.2

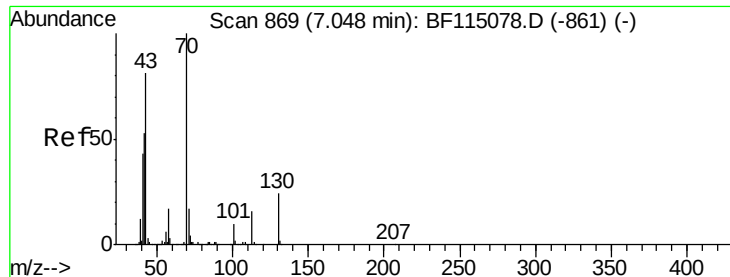


Abundance Ion 117.00 (116.70 to 117.70): E

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: 36.256 ng

RT: 7.04 min Scan# 868

Delta R.T. -0.01 min

Lab File: BF115126.D

Acq: 22 Jun 2019 17:43

Instrument :

BNA_F

ClientSampleId :

SAMPLE-3MSD

Tot Ion: 70 Resp: 568798

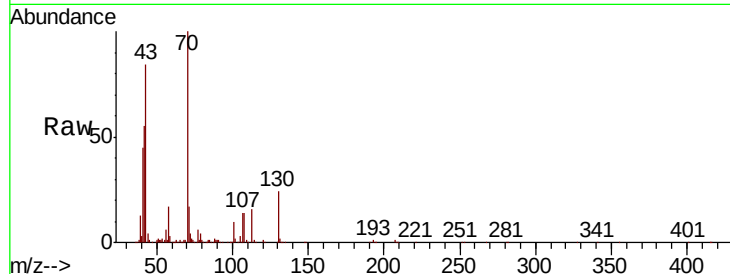
Ion Ratio Lower Upper

70 100

42 54.9 42.6 63.8

101 10.0 8.0 12.0

130 23.9 19.4 29.0



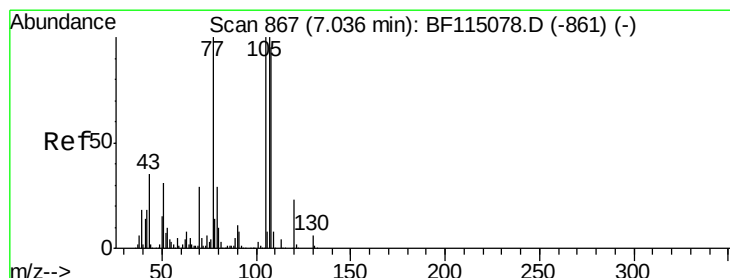
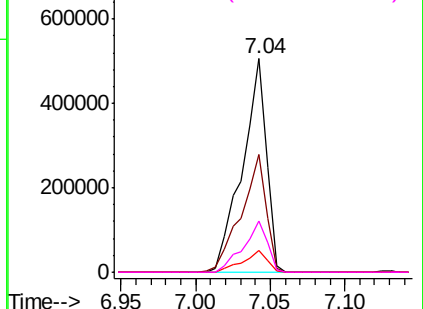
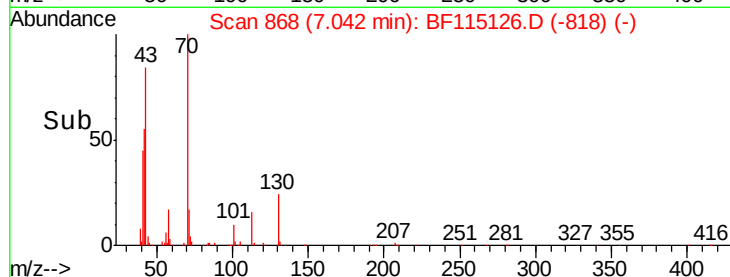
Abundance

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: 36.411 ng

RT: 7.03 min Scan# 866

Delta R.T. -0.01 min

Lab File: BF115126.D

Acq: 22 Jun 2019 17:43

Tgt Ion: 107 Resp: 787836

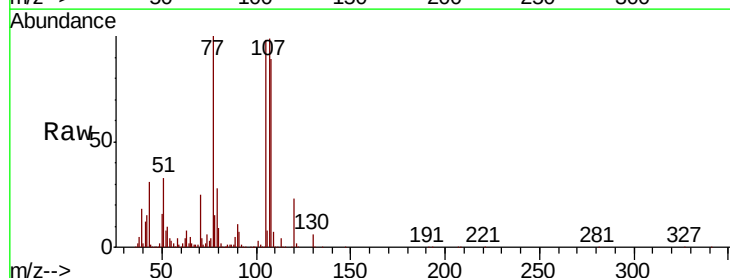
Ion Ratio Lower Upper

107 100

108 90.0 75.5 115.5

77 101.0 80.2 120.2

79 28.0 9.5 49.5



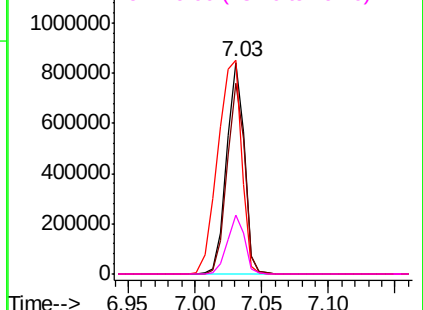
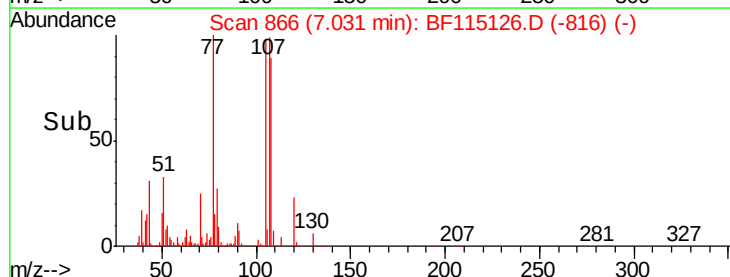
Abundance

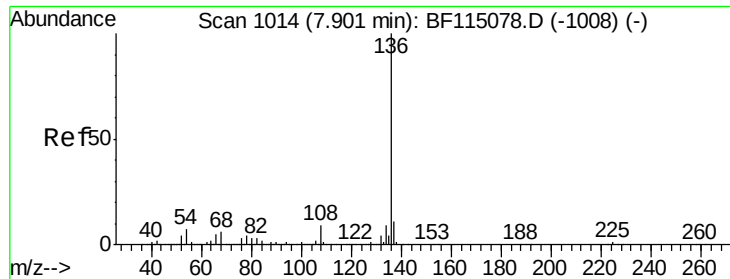
Ion 107.00 (106.70 to 107.70): BF1

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



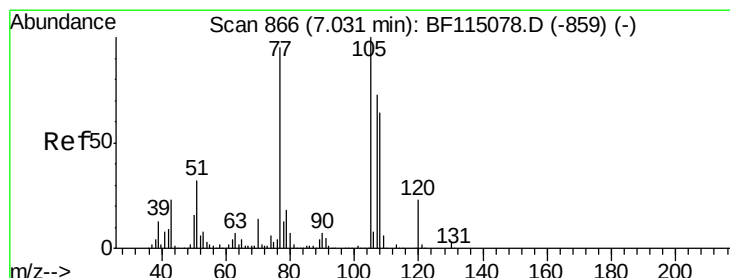
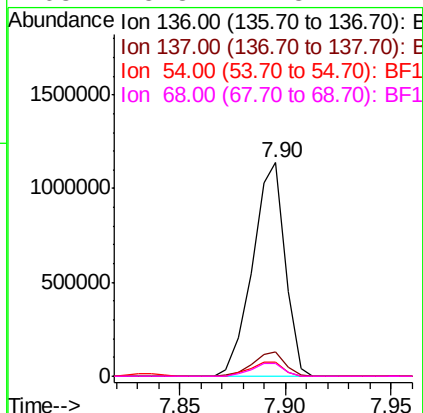
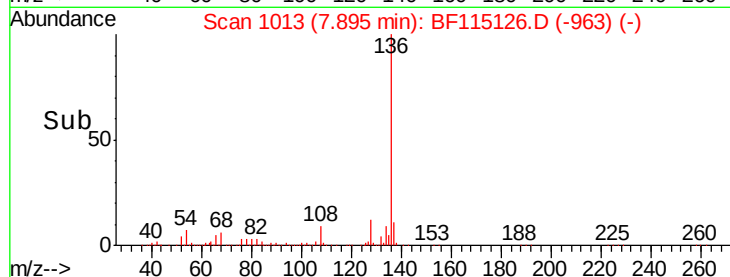
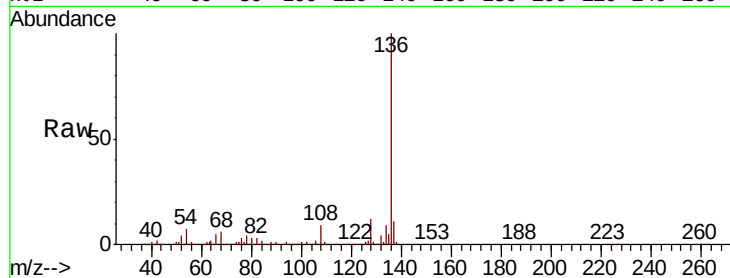


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.90 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF115126.D
Acq: 22 Jun 2019 17:43

Instrument :
BNA_F
ClientSampleId :
SAMPLE-3MSD

Tot Ion:136 Resp: 1215104

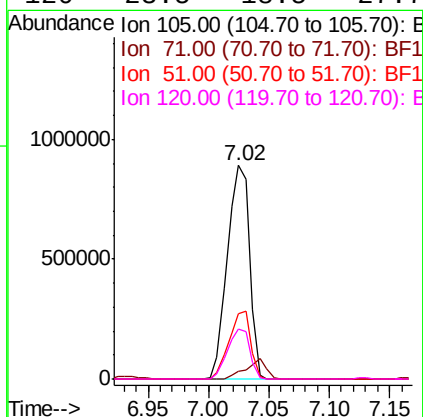
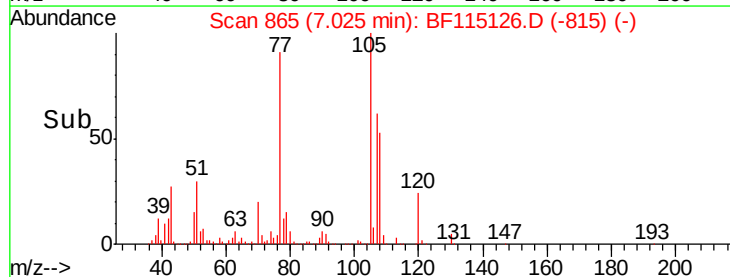
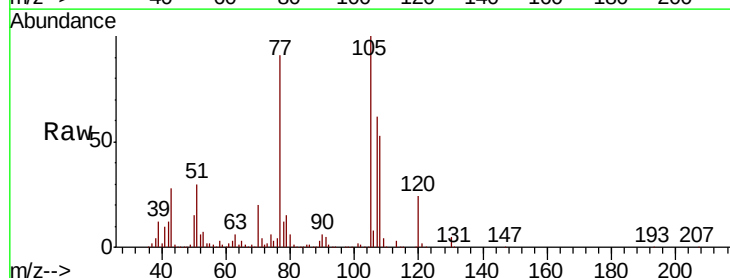
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	6.7	5.6	8.4
68	5.8	4.8	7.2

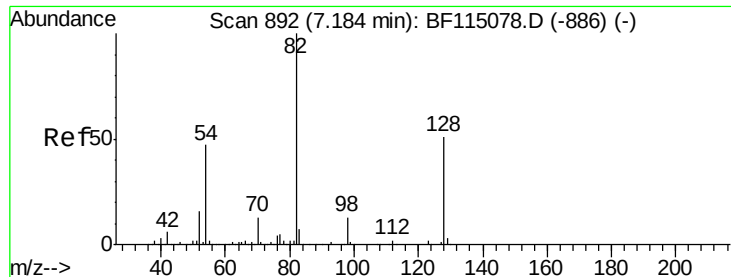


#22
Acetophenone
Concen: 41.064 ng
RT: 7.02 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF115126.D
Acq: 22 Jun 2019 17:43

Tgt Ion:105 Resp: 1142296

Ion	Ratio	Lower	Upper
105	100		
71	3.5	1.9	2.9#
51	30.4	25.8	38.8
120	23.5	18.5	27.7

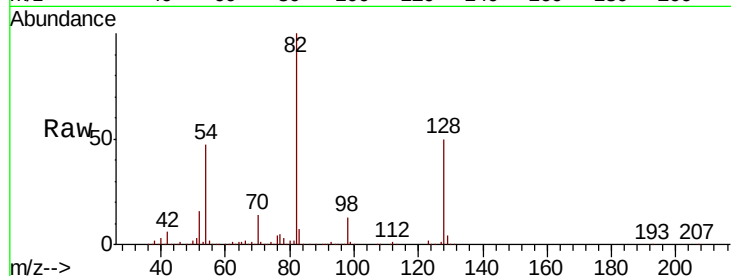




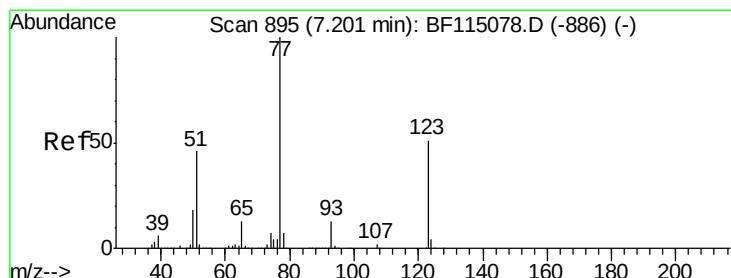
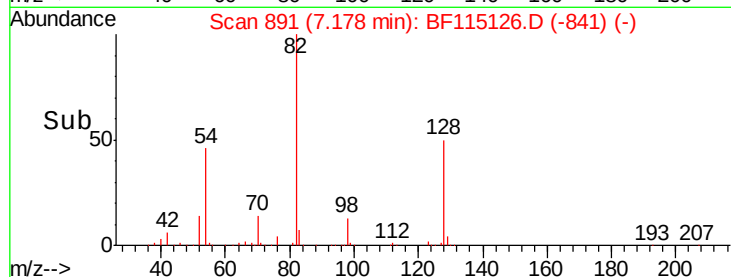
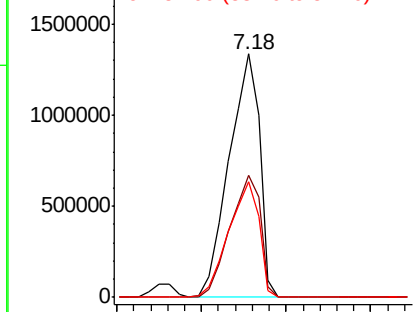
#23
 Nitrobenzene-d5
 Concen: 84.916 ng
 RT: 7.18 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF115126.D
 Acq: 22 Jun 2019 17:43

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-3MSD

Tot Ion: 82 Resp: 1677334
 Ion Ratio Lower Upper
 82 100
 128 50.2 40.4 60.6
 54 47.3 37.5 56.3

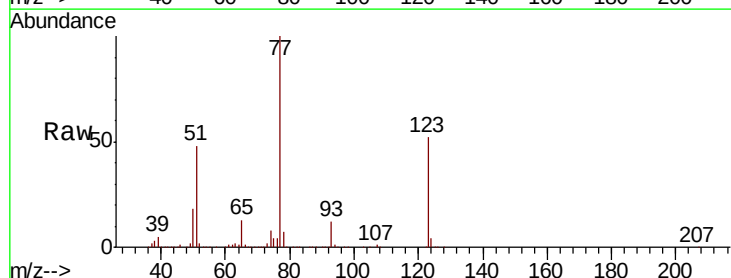


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

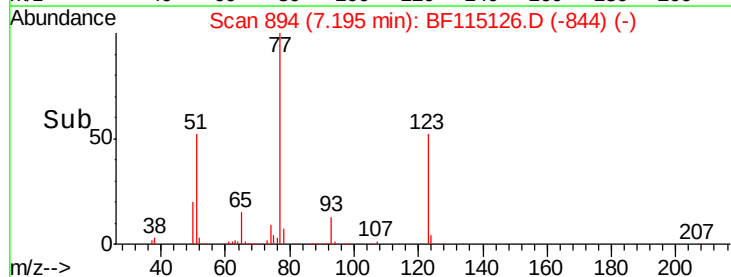
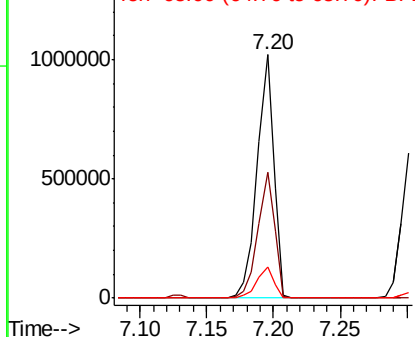


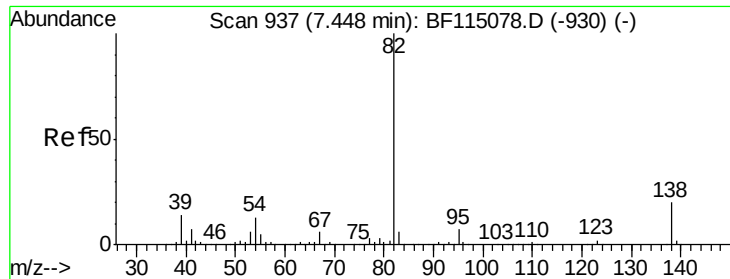
#24
 Nitrobenzene
 Concen: 40.134 ng
 RT: 7.20 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF115126.D
 Acq: 22 Jun 2019 17:43

Tgt Ion: 77 Resp: 873374
 Ion Ratio Lower Upper
 77 100
 123 51.7 41.0 61.6
 65 12.9 10.5 15.7



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





#25

Isophorone

Concen: 39.564 ng

RT: 7.44 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF115126.D

Acq: 22 Jun 2019 17:43

Instrument :

BNA_F

ClientSampleId :

SAMPLE-3MSD

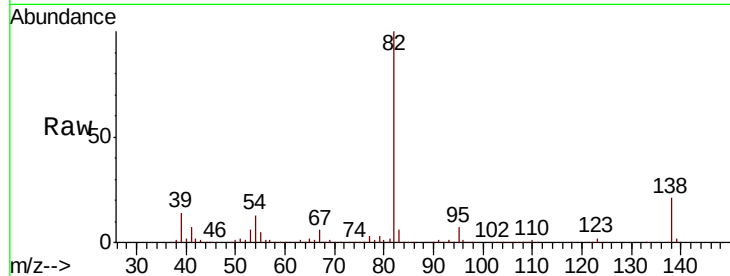
Tot Ion: 82 Resp: 1600925

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

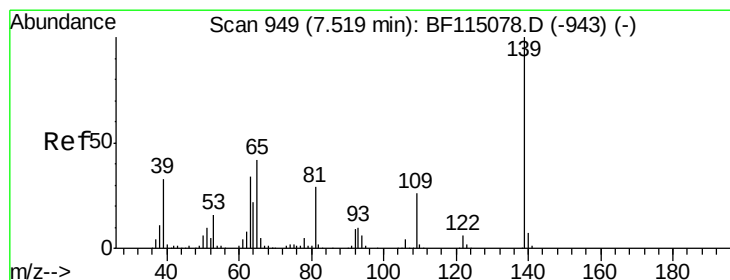
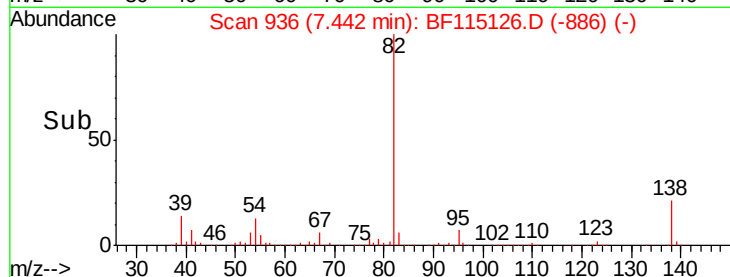
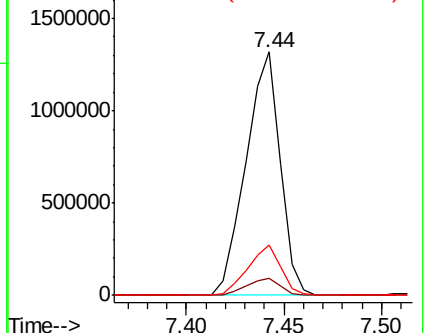
138 20.5 15.9 23.9



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 44.274 ng

RT: 7.51 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF115126.D

Acq: 22 Jun 2019 17:43

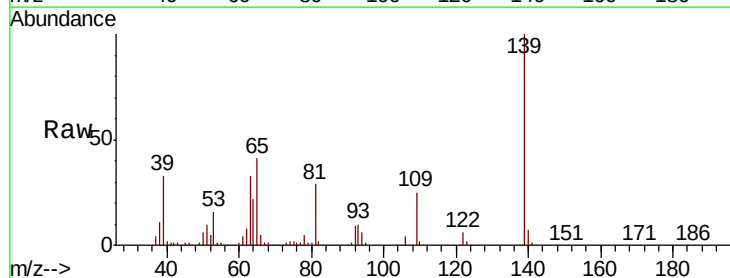
Tgt Ion: 139 Resp: 475796

Ion Ratio Lower Upper

139 100

109 25.4 20.4 30.6

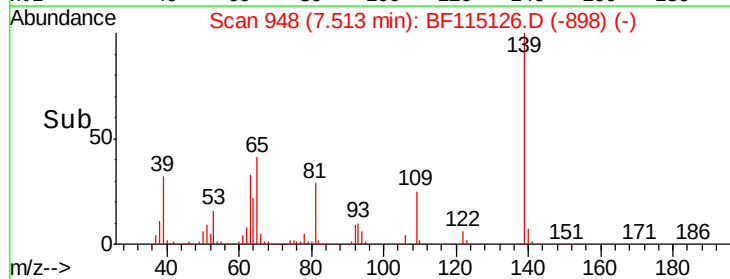
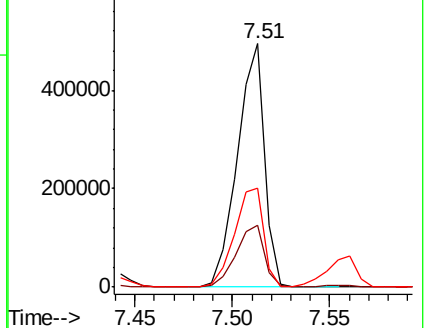
65 40.6 33.6 50.4

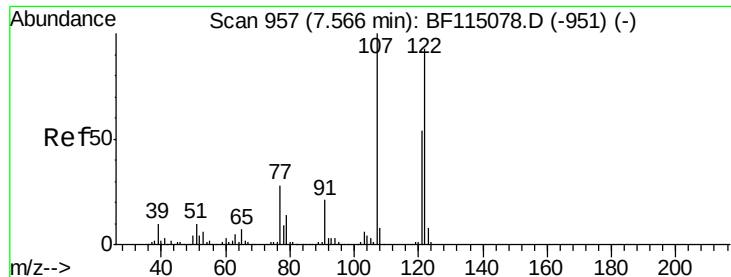


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 43.792 ng

RT: 7.56 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF115126.D

Acq: 22 Jun 2019 17:43

Instrument :

BNA_F

ClientSampleId :

SAMPLE-3MSD

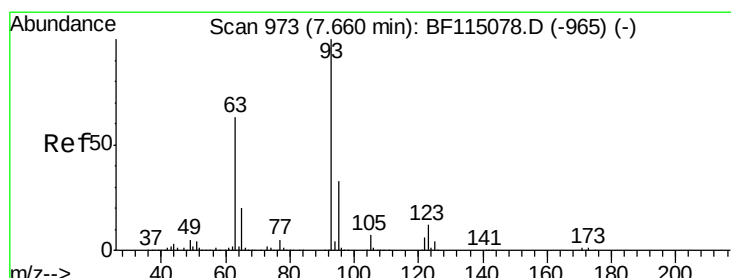
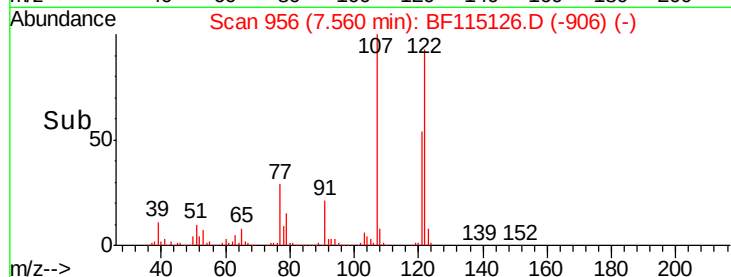
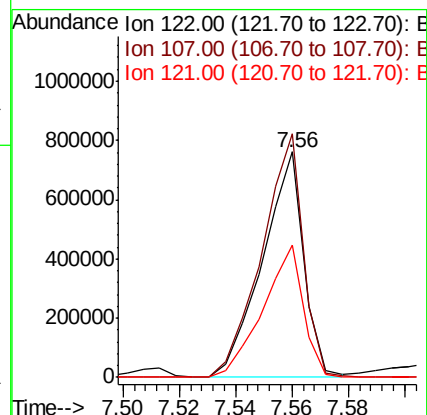
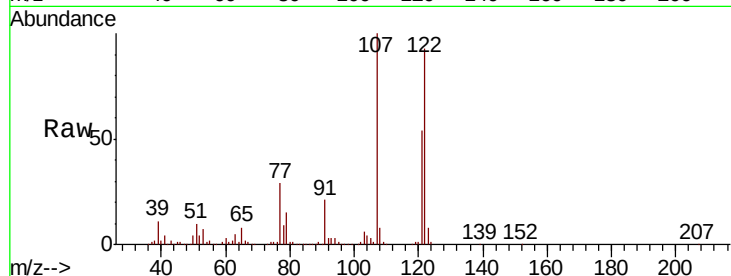
Tot Ion:122 Resp: 770536

Ion Ratio Lower Upper

122 100

107 108.0 85.8 128.6

121 58.6 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 39.644 ng

RT: 7.65 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF115126.D

Acq: 22 Jun 2019 17:43

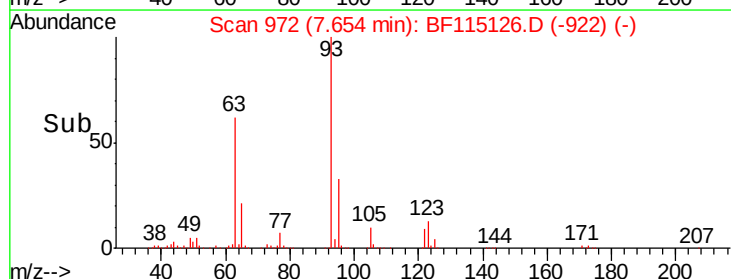
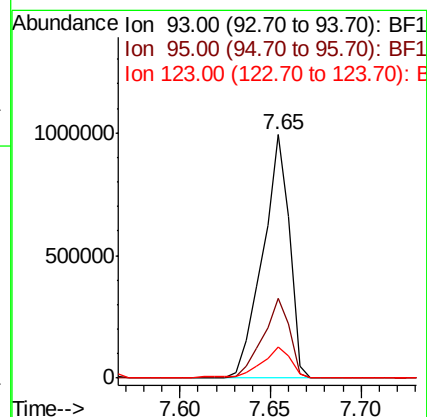
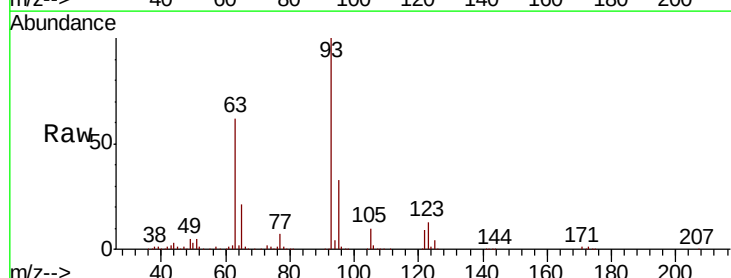
Tgt Ion: 93 Resp: 1013915

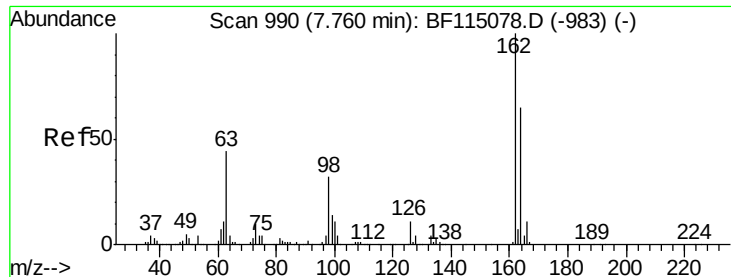
Ion Ratio Lower Upper

93 100

95 32.8 26.2 39.4

123 12.6 9.7 14.5

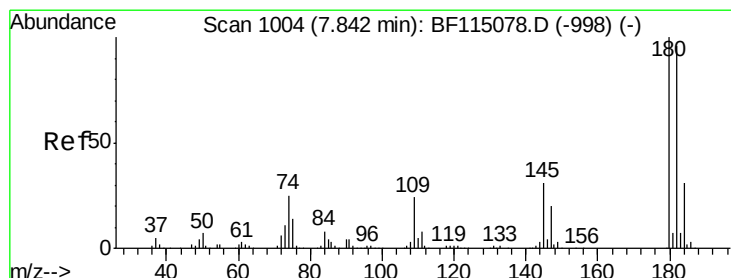
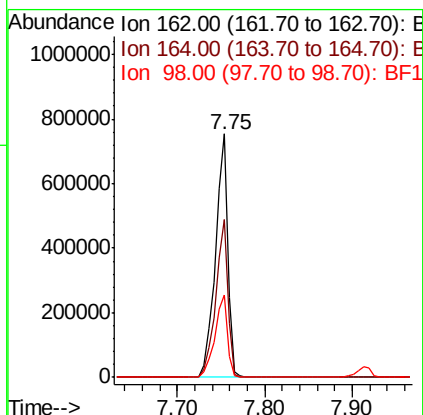
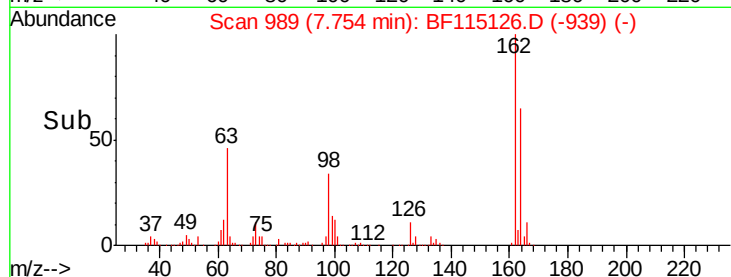
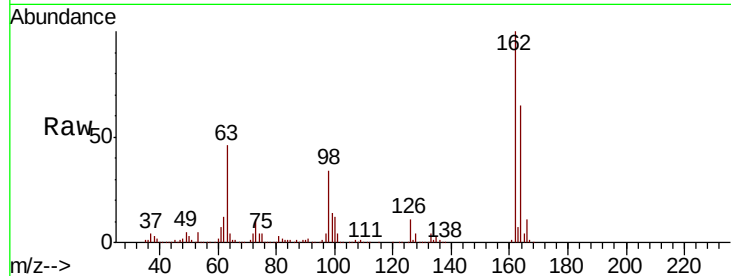




#29
2,4-Dichlorophenol
Concen: 41.087 ng
RT: 7.75 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF115126.D
Acq: 22 Jun 2019 17:43

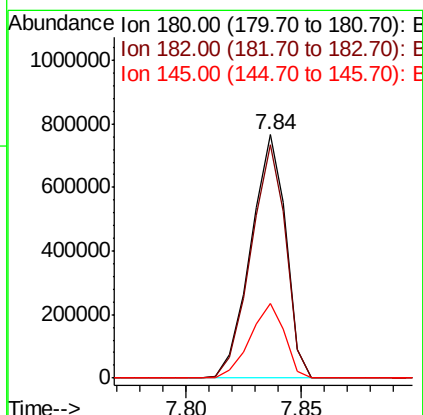
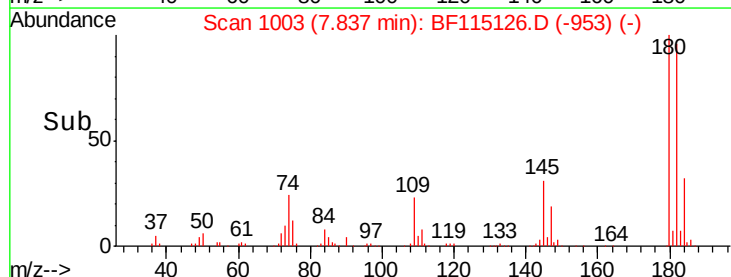
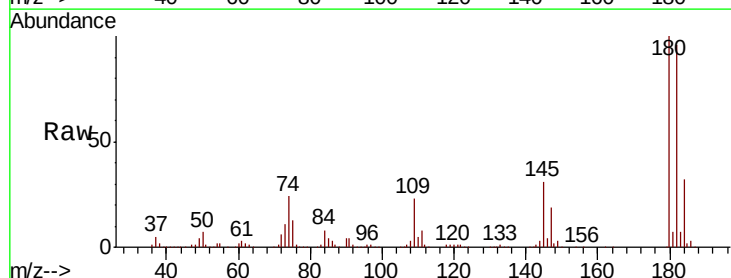
Instrument :
BNA_F
ClientSampleId :
SAMPLE-3MSD

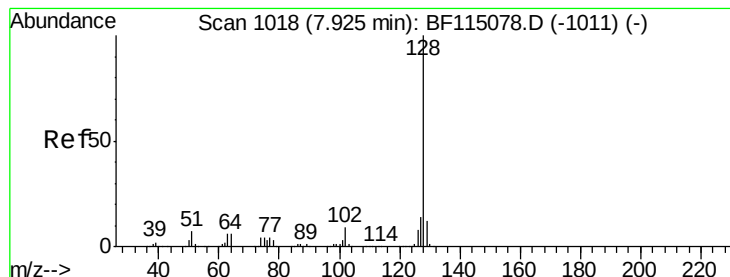
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	45.3	85.3
98	33.6	12.5	52.5



#30
1,2,4-Trichlorobenzene
Concen: 40.381 ng
RT: 7.84 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF115126.D
Acq: 22 Jun 2019 17:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.4	114.6
145	30.9	24.8	37.2





#31

Naphthalene

Concen: 40.583 ng

RT: 7.91 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF115126.D

Acq: 22 Jun 2019 17:43

Instrument :

BNA_F

ClientSampleId :

SAMPLE-3MSD

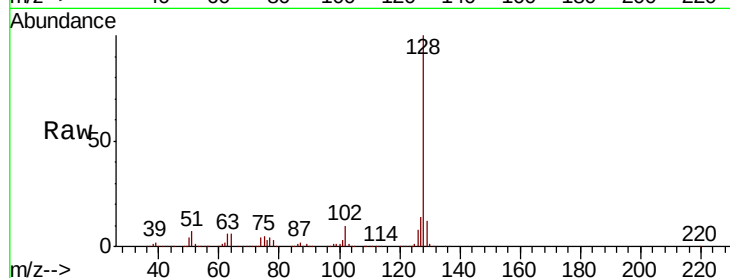
Tot Ion:128 Resp: 2420622

Ion Ratio Lower Upper

128 100

129 12.3 9.6 14.4

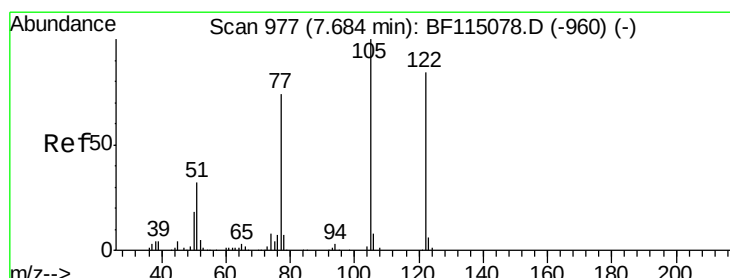
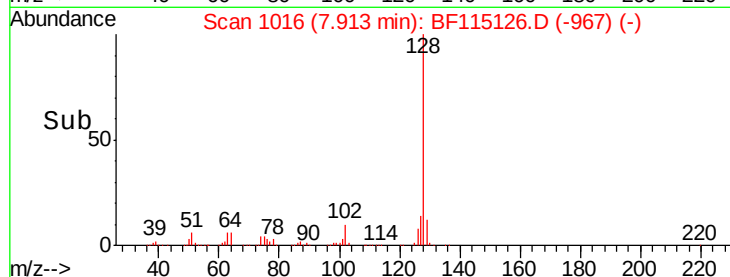
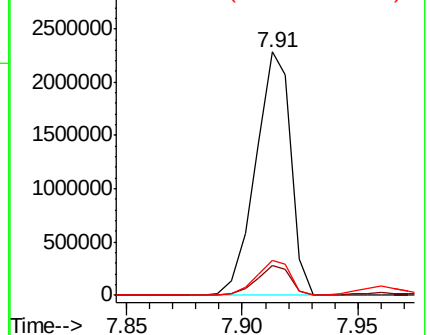
127 14.2 11.4 17.0



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: 25.922 ng

RT: 7.67 min Scan# 974

Delta R.T. -0.02 min

Lab File: BF115126.D

Acq: 22 Jun 2019 17:43

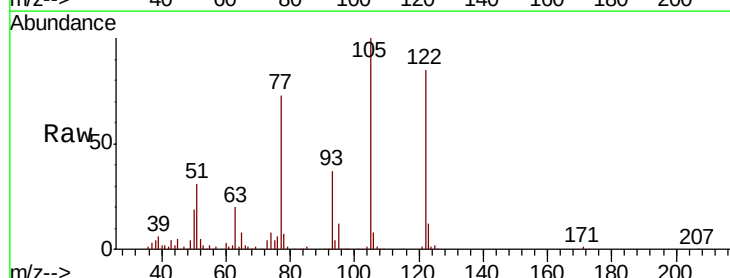
Tgt Ion:122 Resp: 325577

Ion Ratio Lower Upper

122 100

105 118.2 98.2 138.2

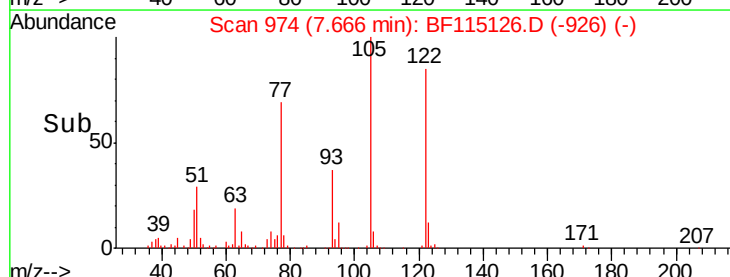
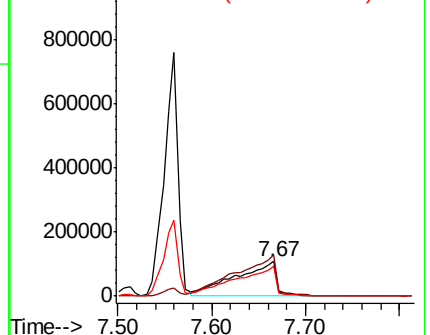
77 85.7 67.0 107.0

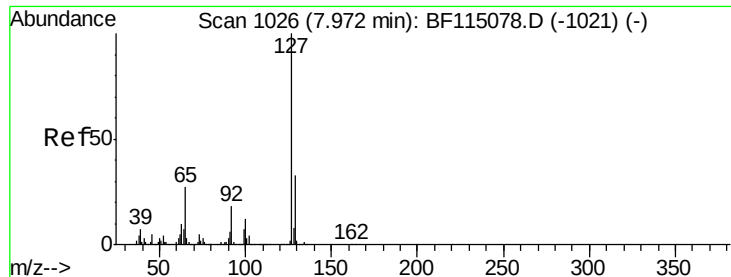


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

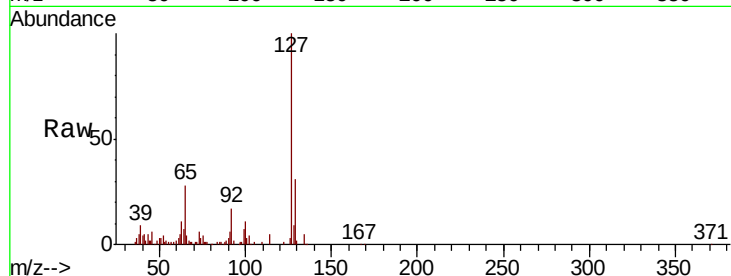




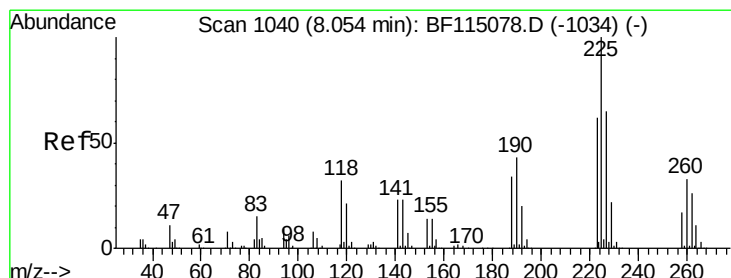
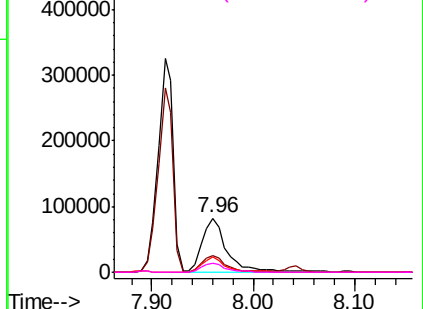
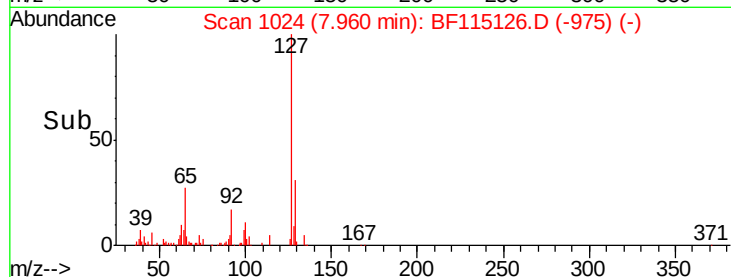
#33
4-Chloroaniline
Concen: 4.991 ng
RT: 7.96 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF115126.D
Acq: 22 Jun 2019 17:43

Instrument :
BNA_F
ClientSampleId :
SAMPLE-3MSD

Tot Ion:127	Resp:	136061
Ion Ratio	Lower	Upper
127	100	
129	31.2	26.1 39.1
65	27.8	21.4 32.2
92	17.4	14.1 21.1

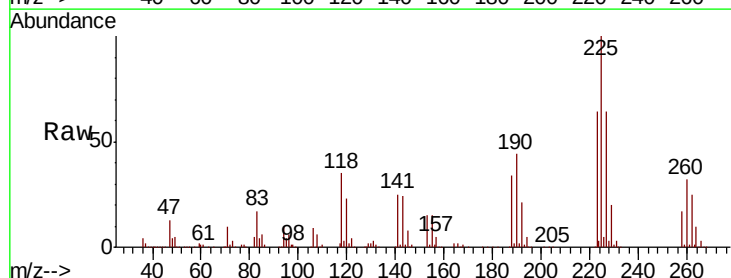


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

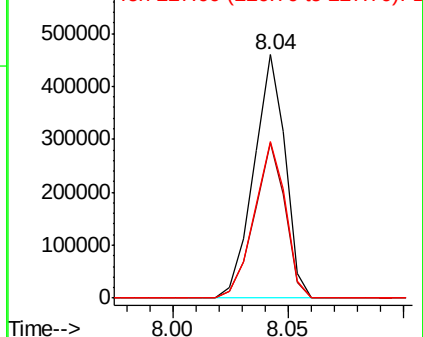
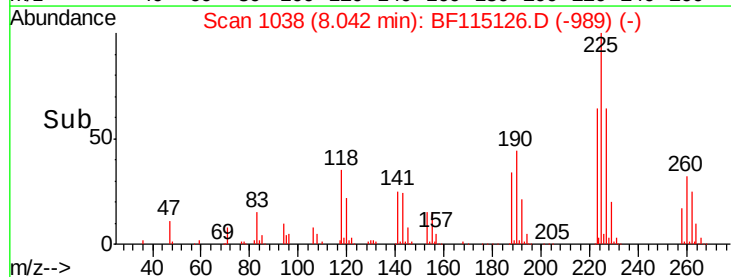


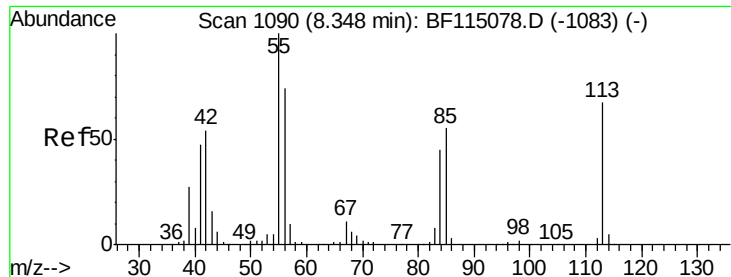
#34
Hexachlorobutadiene
Concen: 39.625 ng
RT: 8.04 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF115126.D
Acq: 22 Jun 2019 17:43

Tgt Ion:225	Resp:	435543
Ion Ratio	Lower	Upper
225	100	
223	63.8	49.4 74.2
227	64.2	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: 29.834 ng/mL

RT: 8.34 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BF115126.D

Acq: 22 Jun 2019 17:43

Instrument :

BNA_F

ClientSampleId :

SAMPLE-3MSD

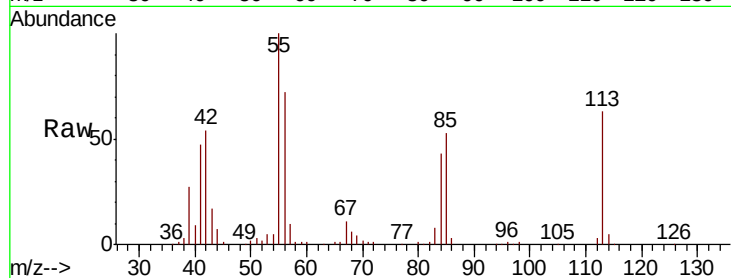
Tot Ion:113 Resp: 182134

Ion Ratio Lower Upper

113 100

55 157.5 130.2 170.2

56 112.9 91.6 131.6

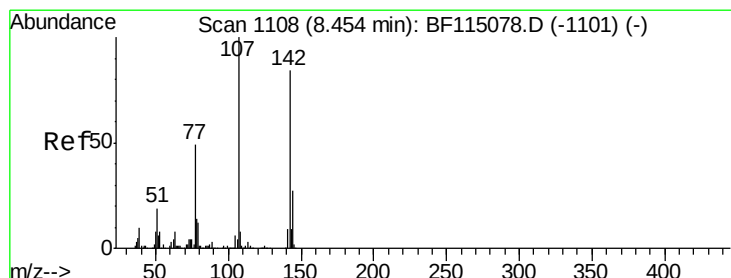
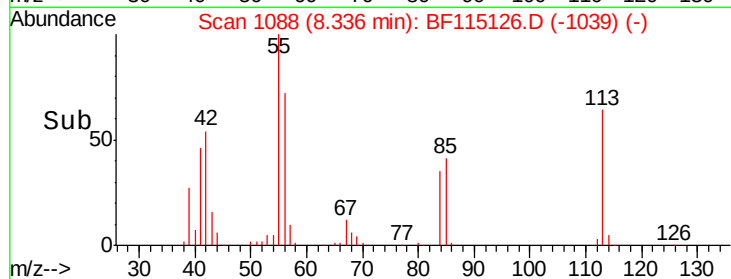
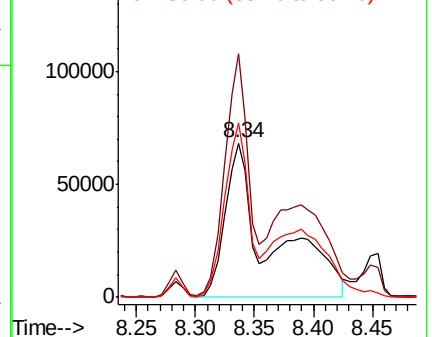


Abundance

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: 40.606 ng/mL

RT: 8.45 min Scan# 1108

Delta R.T. 0.00 min

Lab File: BF115126.D

Acq: 22 Jun 2019 17:43

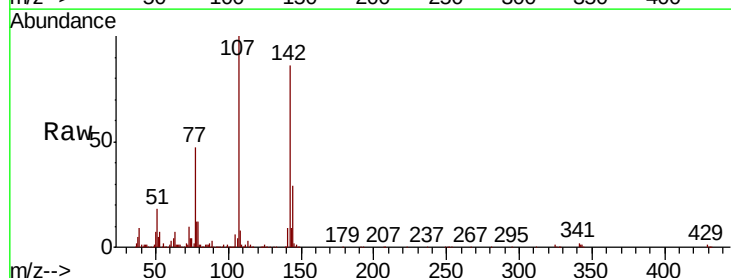
Tgt Ion:107 Resp: 746726

Ion Ratio Lower Upper

107 100

144 28.8 21.7 32.5

142 86.3 67.0 100.4

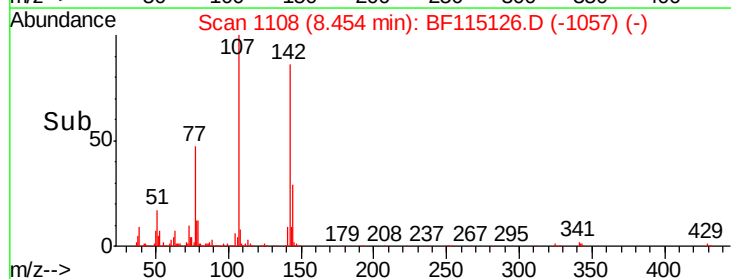
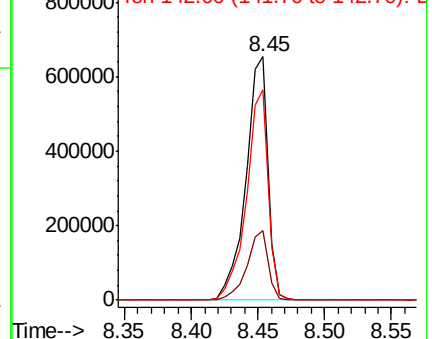


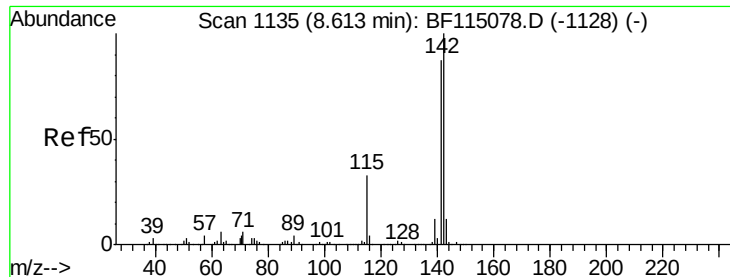
Abundance

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

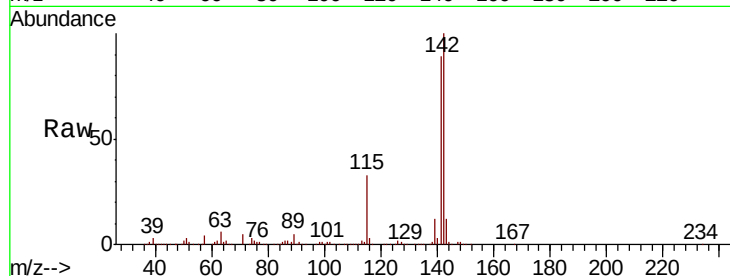




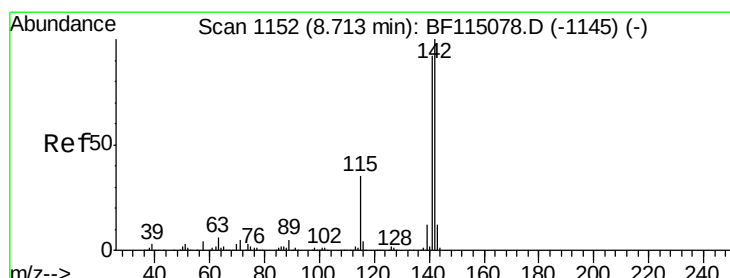
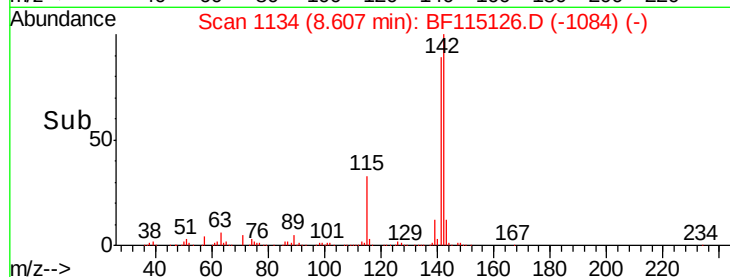
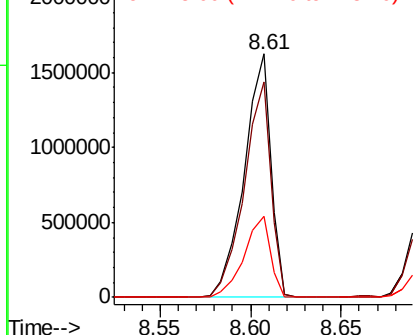
#37
2-Methylnaphthalene
Concen: 41.344 ng
RT: 8.61 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BF115126.D
Acq: 22 Jun 2019 17:43

Instrument :
BNA_F
ClientSampleId :
SAMPLE-3MSD

Tot Ion:142 Resp: 1662704
Ion Ratio Lower Upper
142 100
141 88.5 69.8 104.6
115 33.4 26.7 40.1

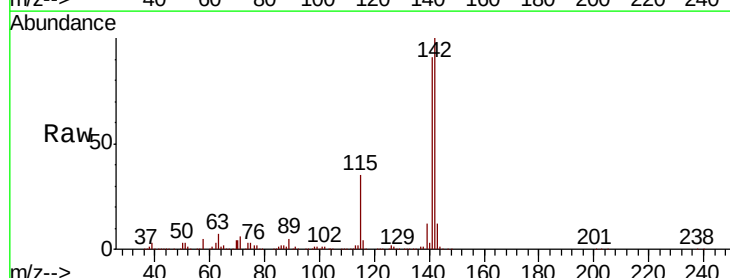


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

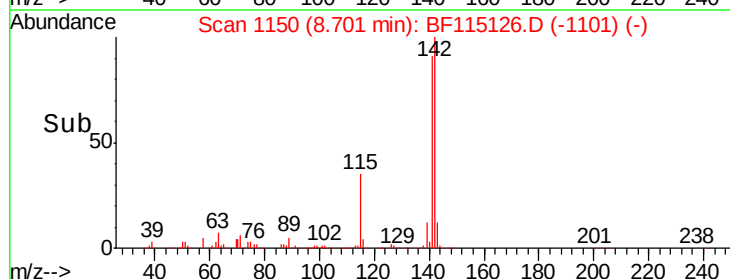
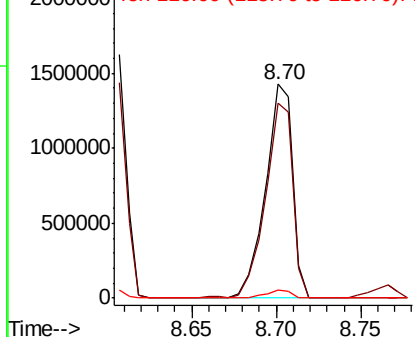


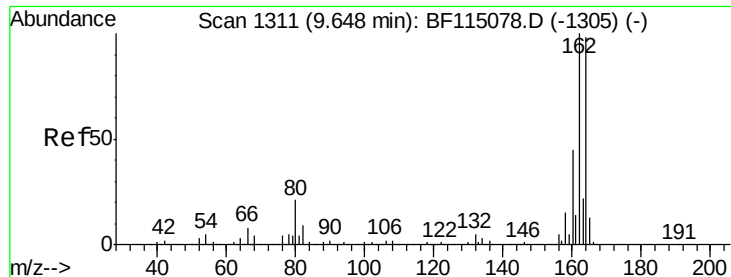
#38
1-Methylnaphthalene
Concen: 40.826 ng
RT: 8.70 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF115126.D
Acq: 22 Jun 2019 17:43

Tgt Ion:142 Resp: 1568105
Ion Ratio Lower Upper
142 100
141 90.9 73.8 110.8
116 3.8 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

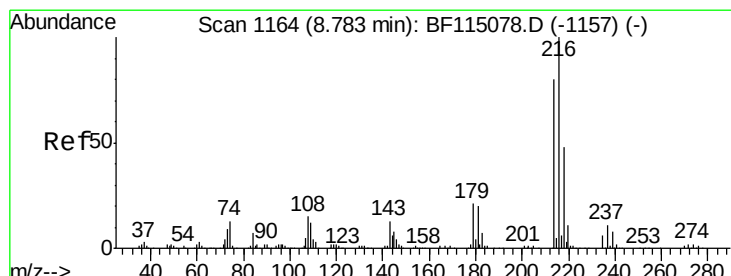
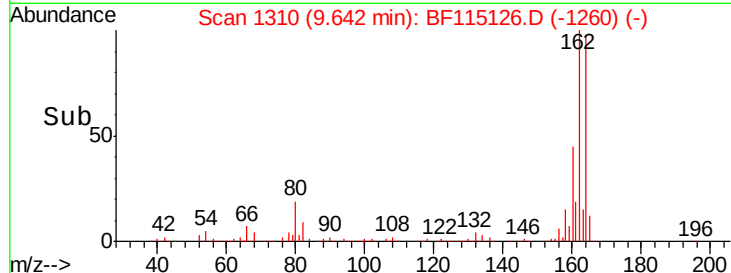
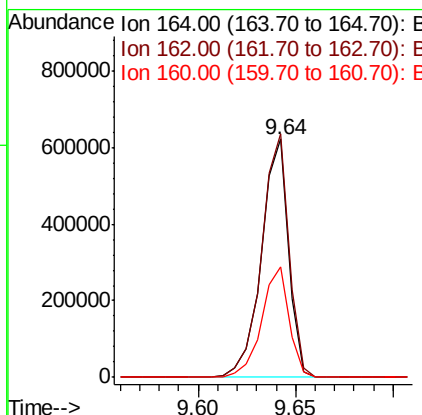
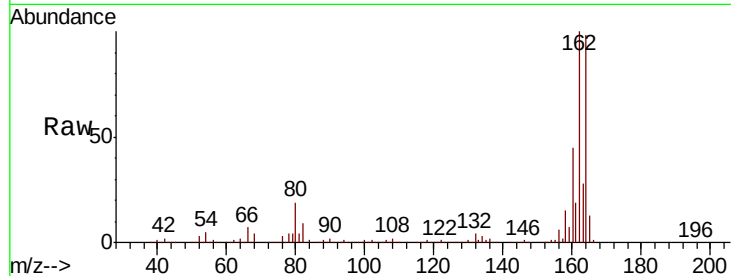




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.64 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF115126.D
 Acq: 22 Jun 2019 17:43

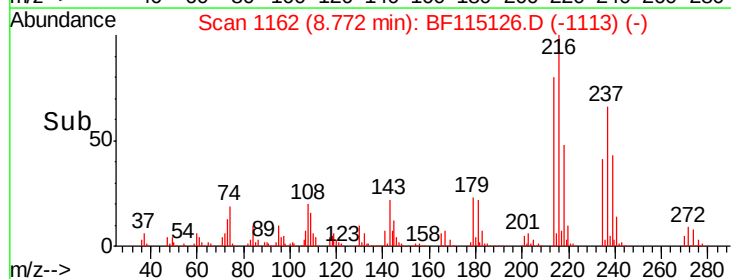
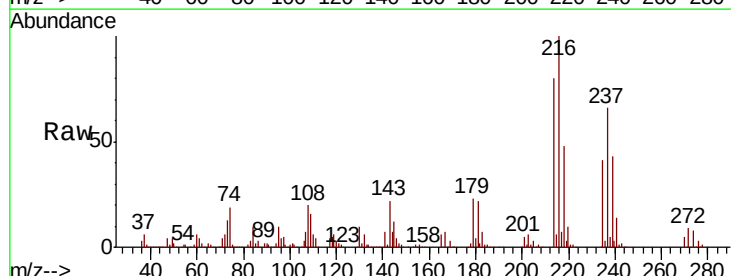
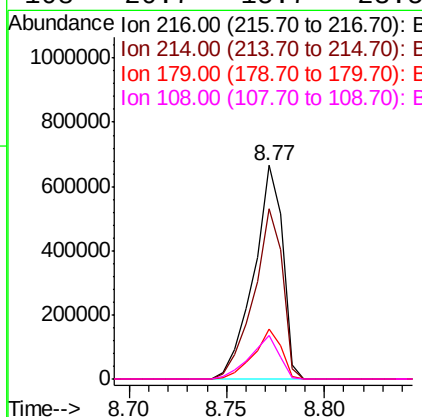
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-3MSD

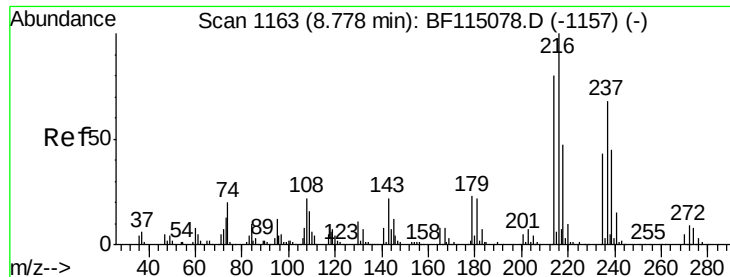
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.7	122.5
160	46.4	37.0	55.4



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.523 ng
 RT: 8.77 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BF115126.D
 Acq: 22 Jun 2019 17:43

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.8	95.6
179	22.3	17.6	26.4
108	20.7	15.7	23.5





#41

Hexachlorocyclopentadiene

Concen: 69.635 ng

RT: 8.77 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BF115126.D

Acq: 22 Jun 2019 17:43

Instrument :

BNA_F

ClientSampleId :

SAMPLE-3MSD

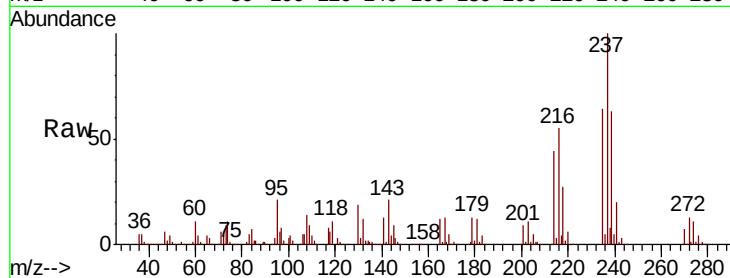
Tot Ion:237 Resp: 698597

Ion Ratio Lower Upper

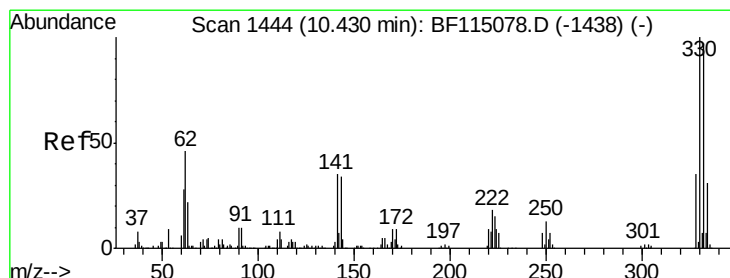
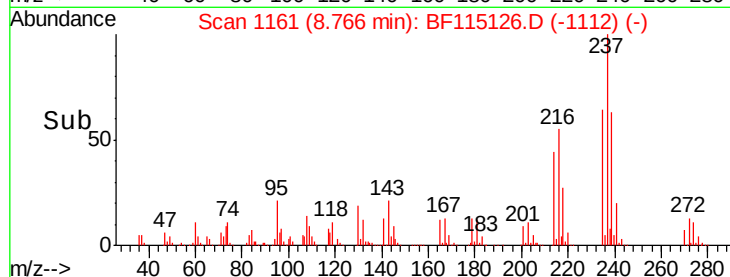
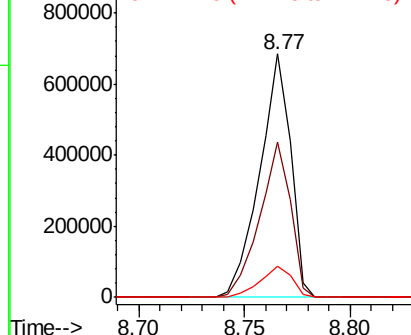
237 100

235 63.9 43.9 83.9

272 12.9 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: 116.354 ng

RT: 10.42 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF115126.D

Acq: 22 Jun 2019 17:43

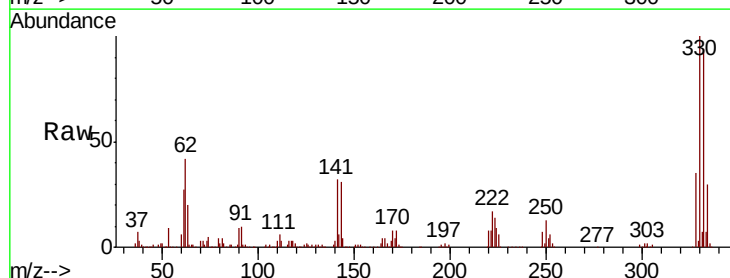
Tgt Ion:330 Resp: 734630

Ion Ratio Lower Upper

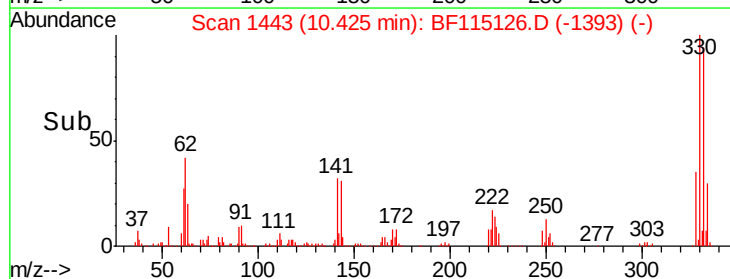
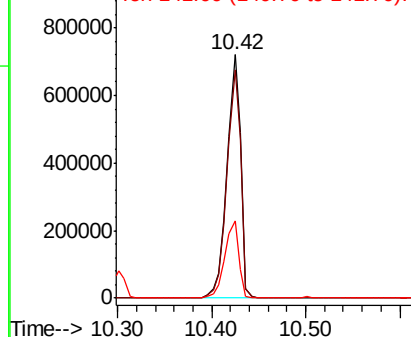
330 100

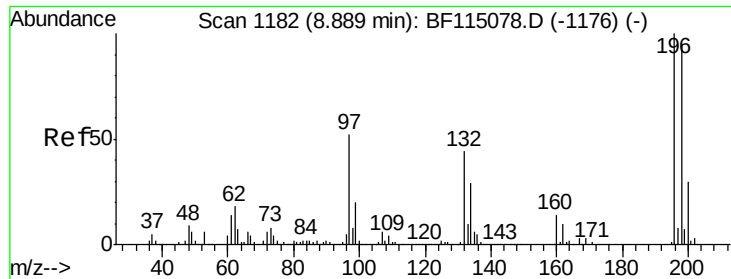
332 95.0 77.3 115.9

141 32.5 28.2 42.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

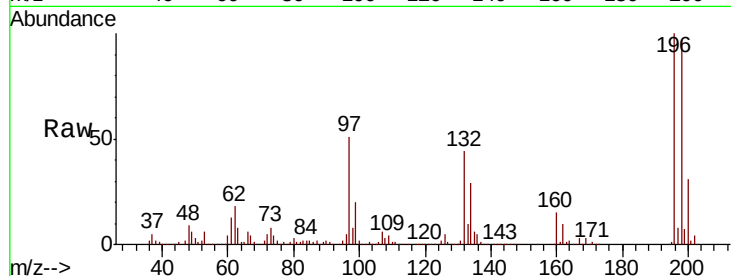




#43
 2,4,6-Trichlorophenol
 Concen: 41.669 ng
 RT: 8.88 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF115126.D
 Acq: 22 Jun 2019 17:43

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-3MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.8	76.3	114.5
200	30.8	24.2	36.4

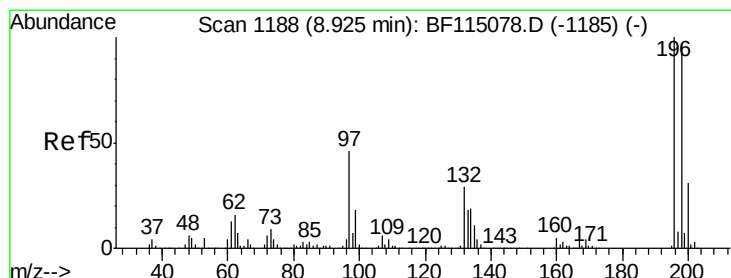
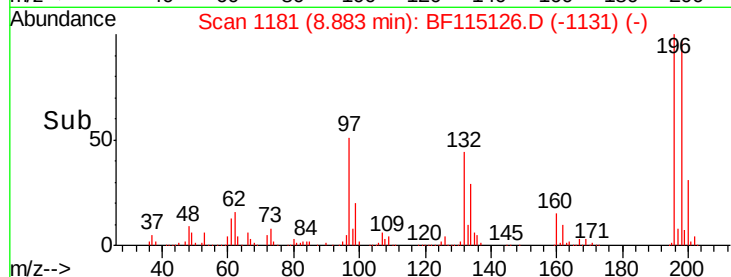
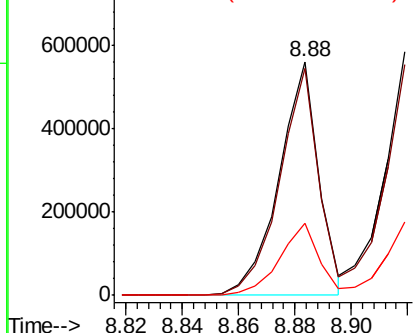


Abundance

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: 41.856 ng
 RT: 8.92 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF115126.D
 Acq: 22 Jun 2019 17:43

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.6	77.1	115.7
97	47.4	37.7	56.5
132	29.5	23.1	34.7

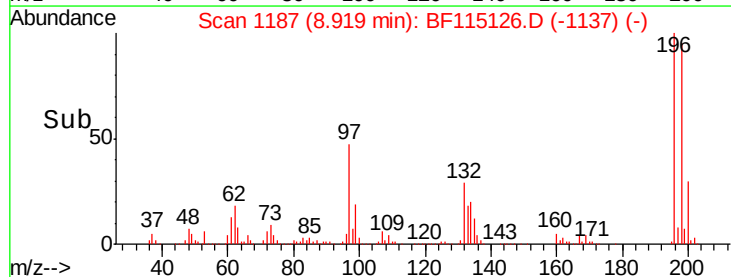
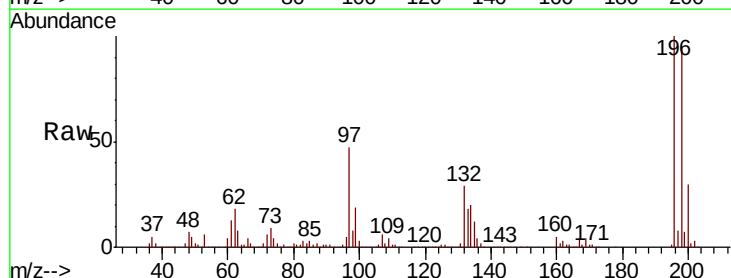
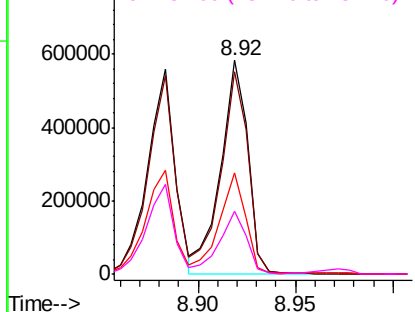
Abundance

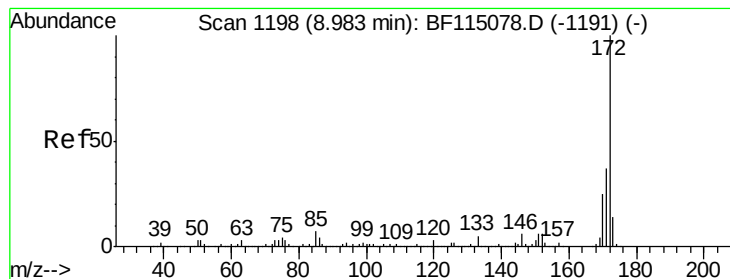
Ion 196.00 (195.70 to 196.70): E

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: 85.867 ng

RT: 8.97 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BF115126.D

Acq: 22 Jun 2019 17:43

Instrument :

BNA_F

ClientSampleId :

SAMPLE-3MSD

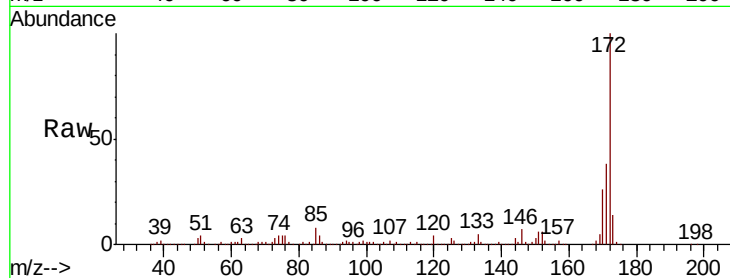
Tot Ion:172 Resp: 3026602

Ion Ratio Lower Upper

172 100

171 37.7 29.8 44.6

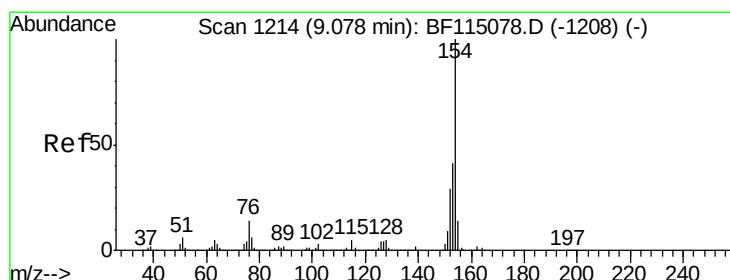
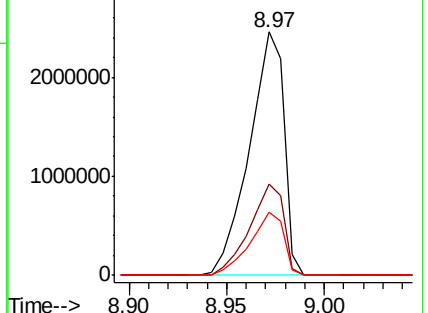
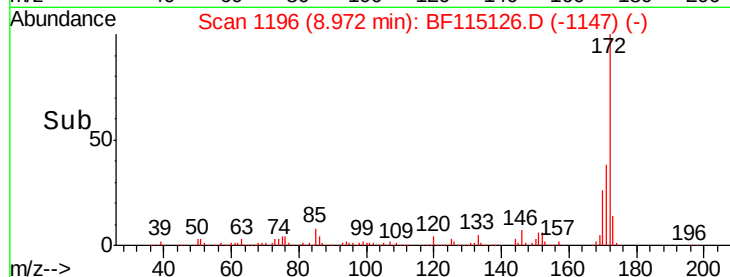
170 25.8 20.3 30.5



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: 39.912 ng

RT: 9.07 min Scan# 1213

Delta R.T. -0.01 min

Lab File: BF115126.D

Acq: 22 Jun 2019 17:43

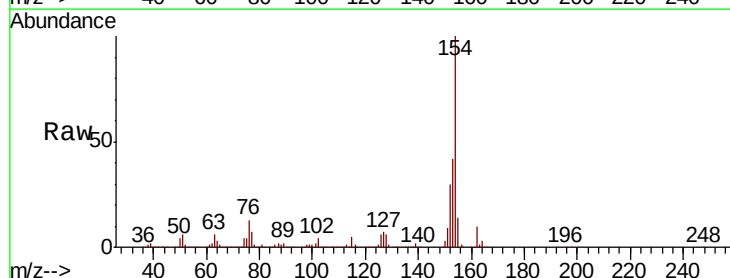
Tgt Ion:154 Resp: 1912043

Ion Ratio Lower Upper

154 100

153 42.2 20.9 60.9

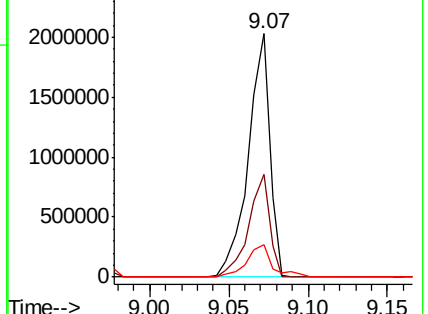
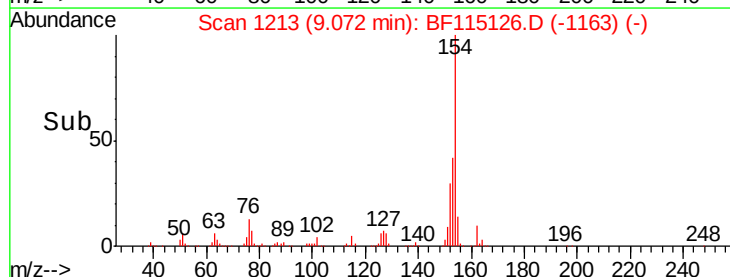
76 13.4 0.0 34.1

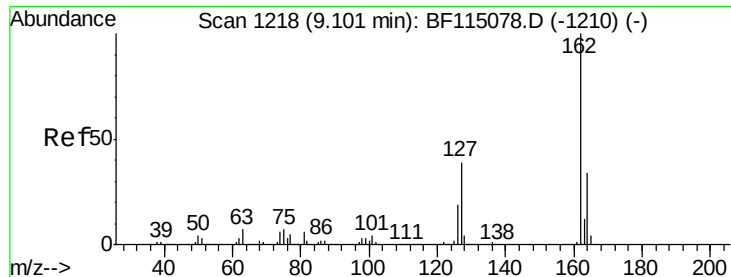


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

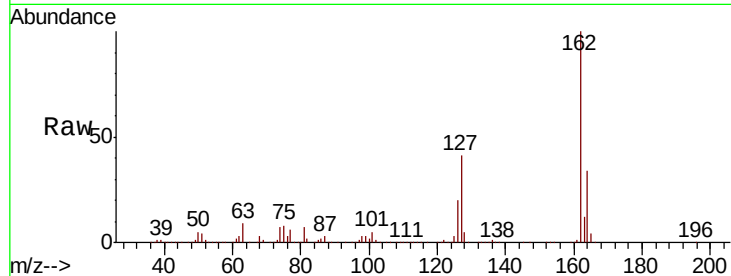




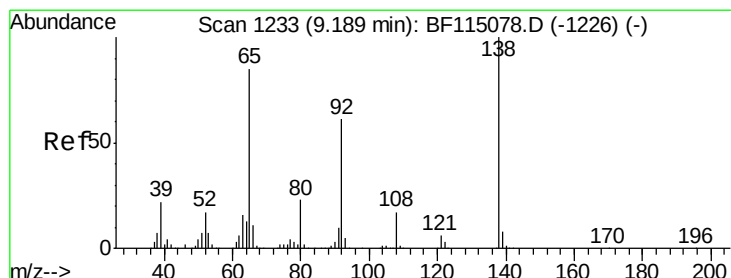
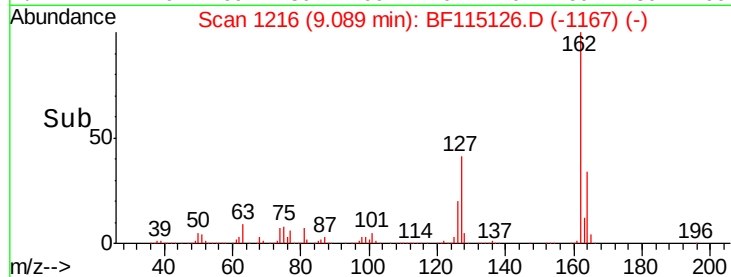
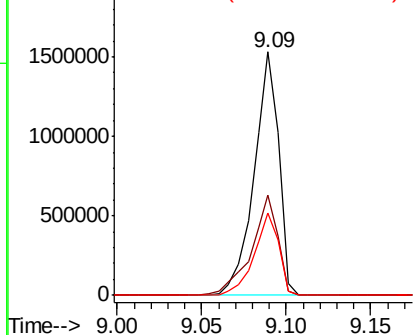
#47
2-Chloronaphthalene
Concen: 40.051 ng
RT: 9.09 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF115126.D
Acq: 22 Jun 2019 17:43

Instrument :
BNA_F
ClientSampleId :
SAMPLE-3MSD

Tot Ion:162 Resp: 1556356
Ion Ratio Lower Upper
162 100
127 41.1 30.8 46.2
164 33.8 27.0 40.4

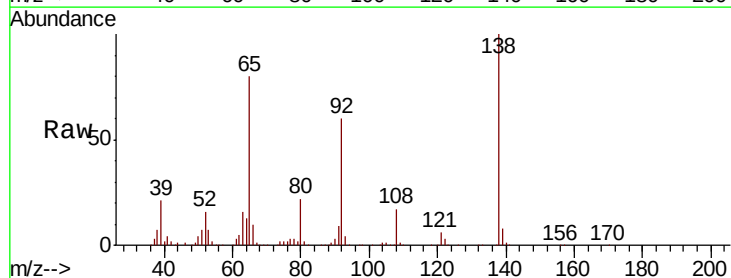


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

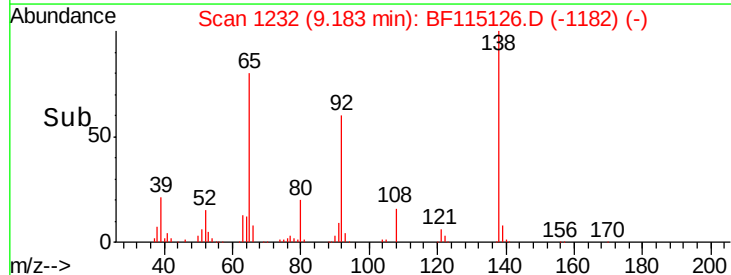
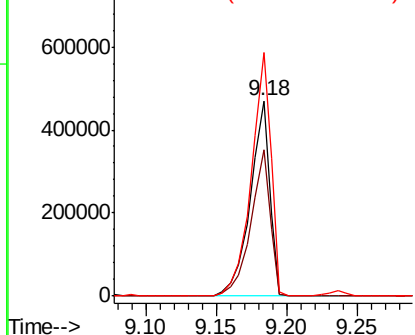


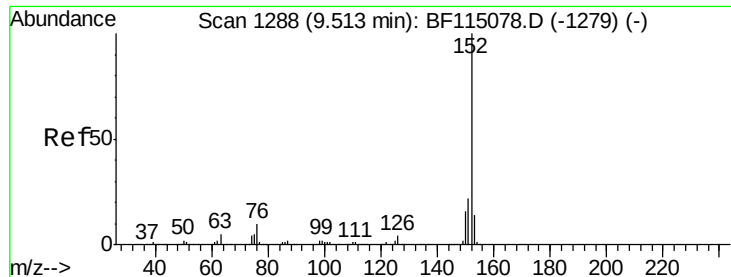
#48
2-Nitroaniline
Concen: 40.496 ng
RT: 9.18 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF115126.D
Acq: 22 Jun 2019 17:43

Tgt Ion: 65 Resp: 458789
Ion Ratio Lower Upper
65 100
92 75.1 57.4 86.2
138 124.9 94.1 141.1



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.295 ng

RT: 9.50 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF115126.D

Acq: 22 Jun 2019 17:43

Instrument :

BNA_F

ClientSampleId :

SAMPLE-3MSD

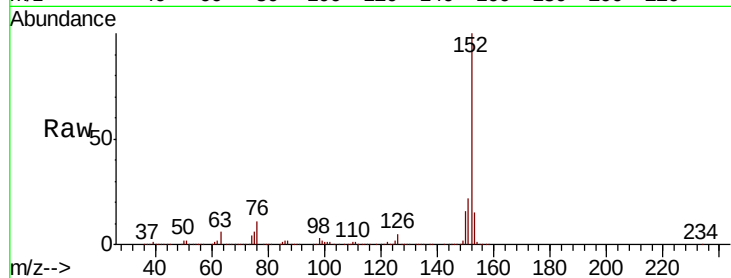
Tot Ion:152 Resp: 2439665

Ion Ratio Lower Upper

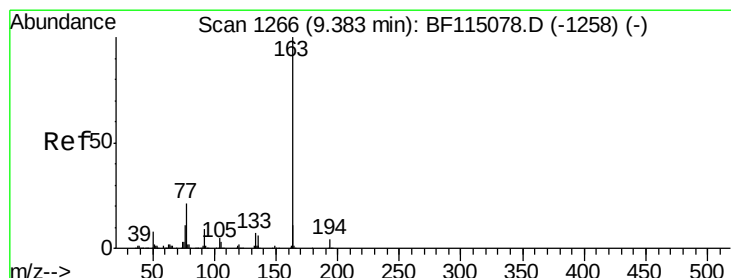
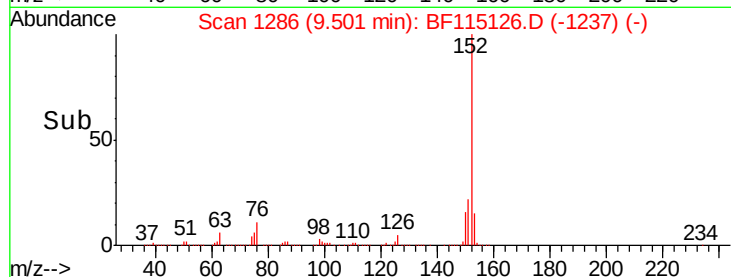
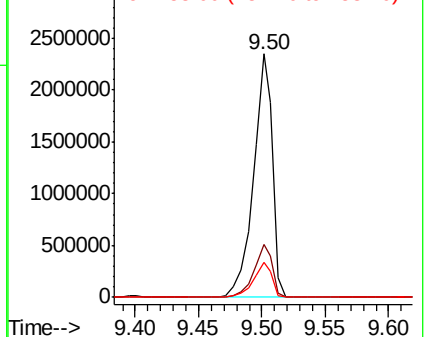
152 100

151 21.8 17.2 25.8

153 14.6 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.164 ng

RT: 9.38 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BF115126.D

Acq: 22 Jun 2019 17:43

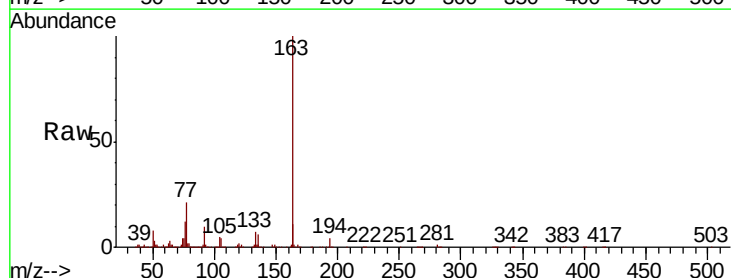
Tgt Ion:163 Resp: 1769200

Ion Ratio Lower Upper

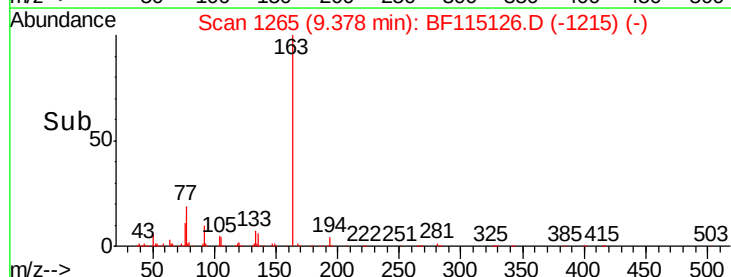
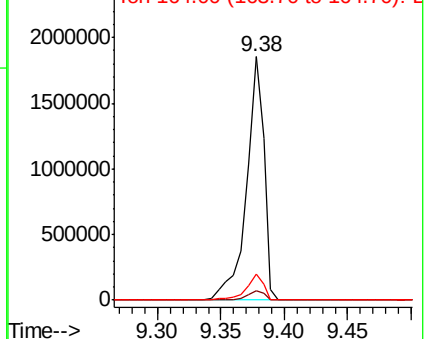
163 100

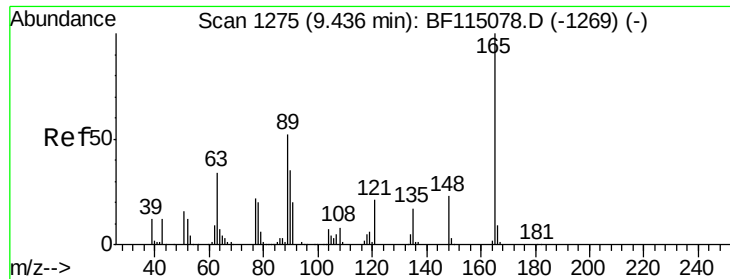
194 4.0 3.2 4.8

164 10.9 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: 41.845 ng

RT: 9.43 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF115126.D

Acq: 22 Jun 2019 17:43

Instrument :

BNA_F

ClientSampleId :

SAMPLE-3MSD

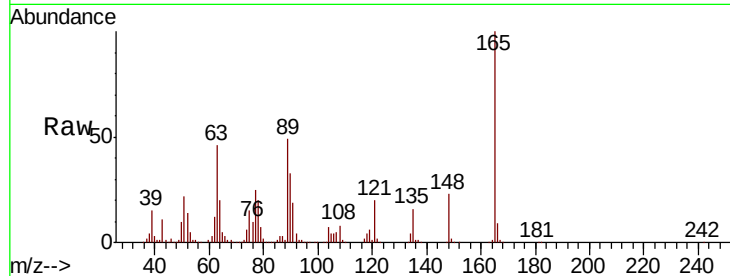
Tot Ion:165 Resp: 425545

Ion Ratio Lower Upper

165 100

63 46.2 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

600000

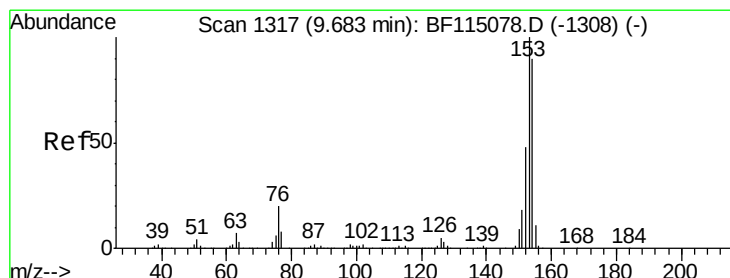
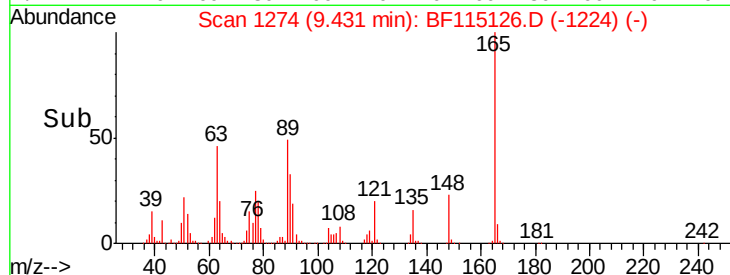
400000

200000

0

9.40 9.45

Time-->



#52

Acenaphthene

Concen: 41.148 ng

RT: 9.67 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF115126.D

Acq: 22 Jun 2019 17:43

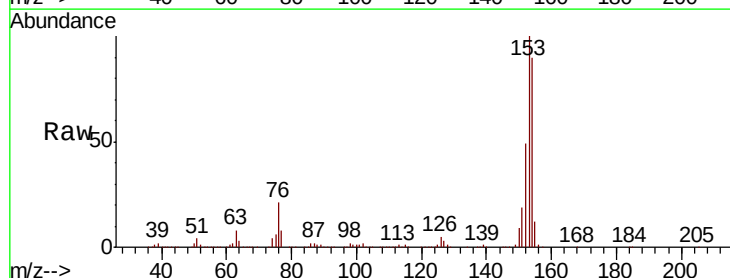
Tgt Ion:154 Resp: 1558905

Ion Ratio Lower Upper

154 100

153 111.2 88.7 133.1

152 54.5 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

2000000

1500000

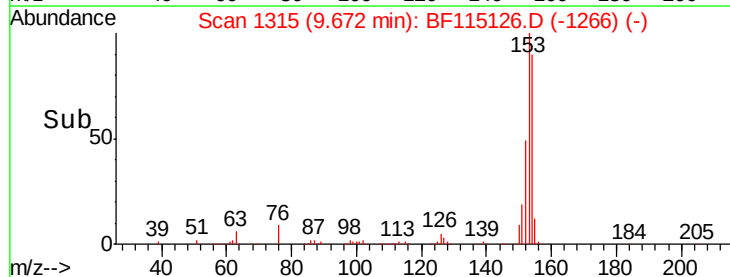
1000000

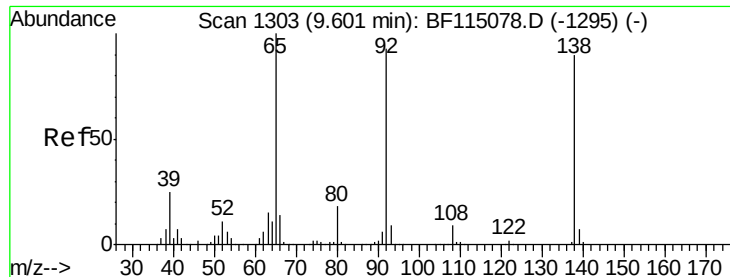
500000

0

9.60 9.70

Time-->

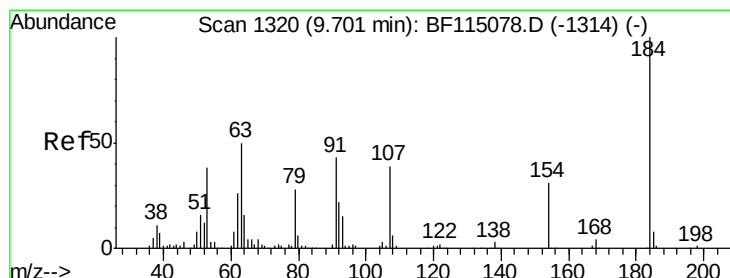
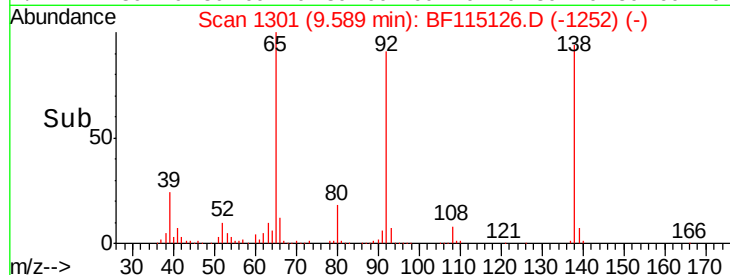
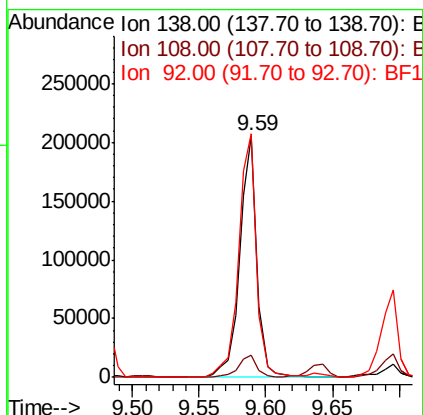
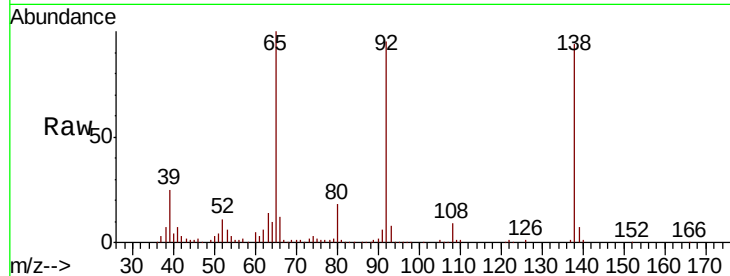




#53
 3-Nitroaniline
 Concen: 14.850 ng
 RT: 9.59 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: BF115126.D
 Acq: 22 Jun 2019 17:43

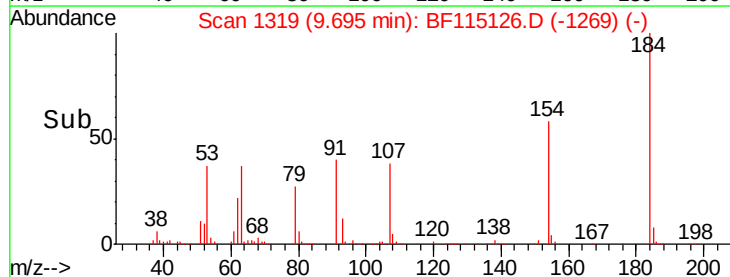
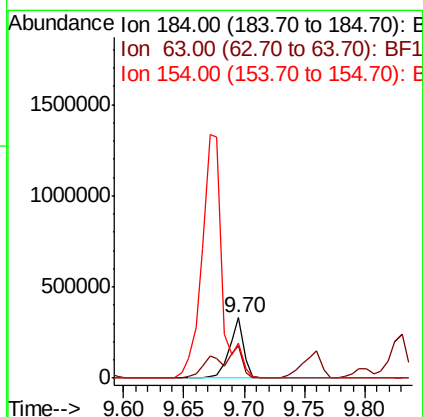
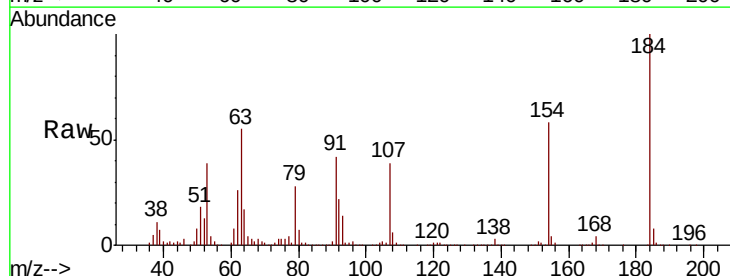
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-3MSD

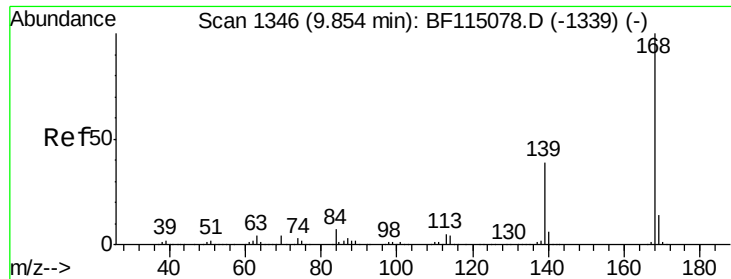
Tot Ion:138 Resp: 184296
 Ion Ratio Lower Upper
 138 100
 108 9.4 7.8 11.6
 92 100.7 82.9 124.3



#54
 2,4-Dinitrophenol
 Concen: 53.695 ng
 RT: 9.70 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF115126.D
 Acq: 22 Jun 2019 17:43

Tgt Ion:184 Resp: 267073
 Ion Ratio Lower Upper
 184 100
 63 54.5 41.9 62.9
 154 58.1 44.7 67.1

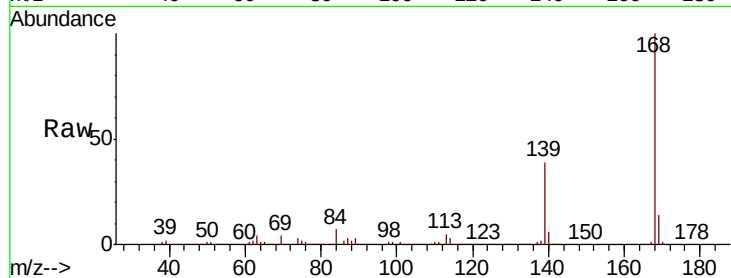




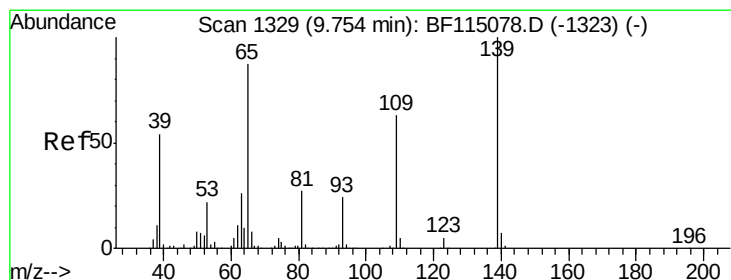
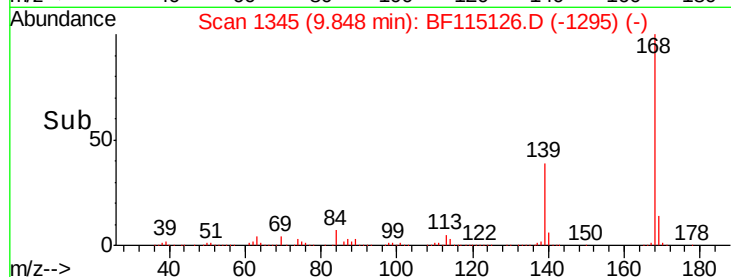
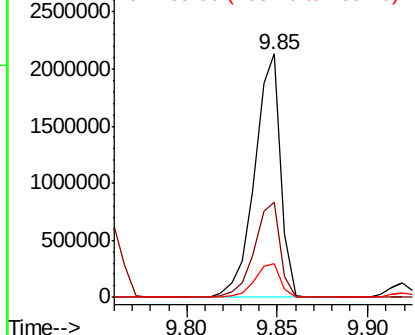
#55
Dibenzofuran
Concen: 38.847 ng
RT: 9.85 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF115126.D
Acq: 22 Jun 2019 17:43

Instrument :
BNA_F
ClientSampleId :
SAMPLE-3MSD

Tot Ion:168 Resp: 2112340
Ion Ratio Lower Upper
168 100
139 39.0 31.1 46.7
169 14.0 11.3 16.9

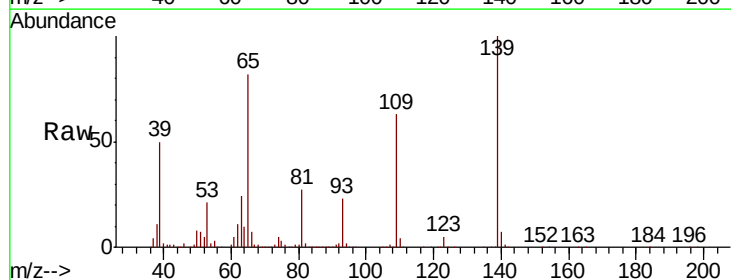


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

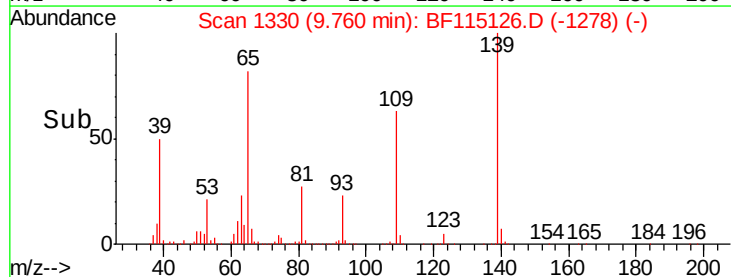
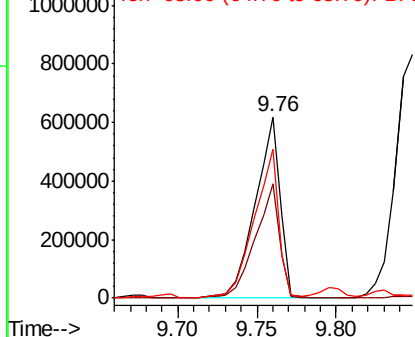


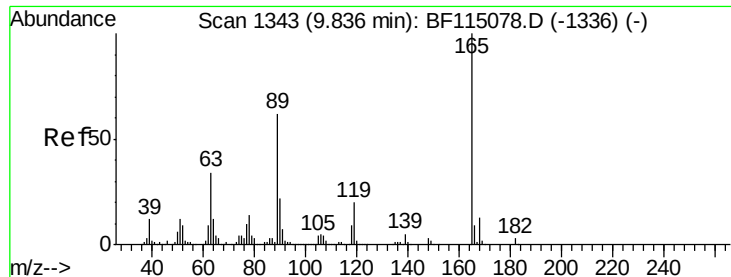
#56
4-Nitrophenol
Concen: 68.542 ng
RT: 9.76 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF115126.D
Acq: 22 Jun 2019 17:43

Tgt Ion:139 Resp: 681951
Ion Ratio Lower Upper
139 100
109 62.8 43.0 83.0
65 82.0 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

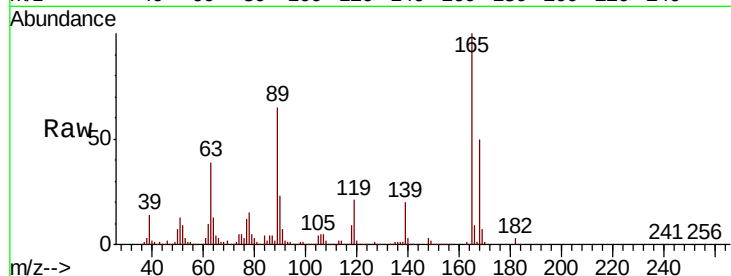




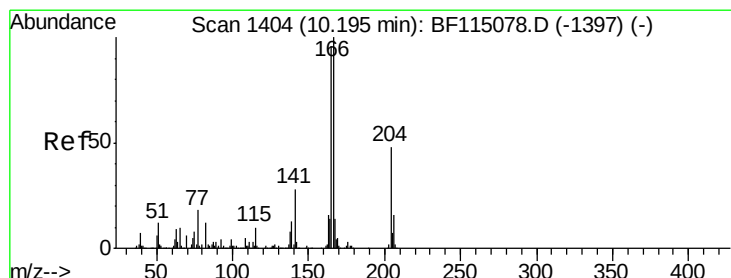
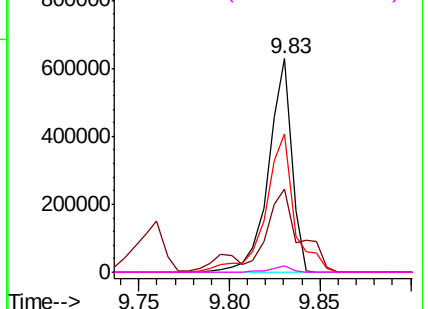
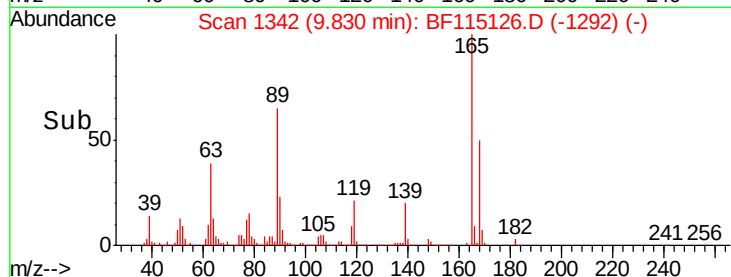
#57
 2,4-Dinitrotoluene
 Concen: 42.583 ng
 RT: 9.83 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF115126.D
 Acq: 22 Jun 2019 17:43

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-3MSD

Tot Ion:165	Resp:	559162
Ion	Ratio	Lower Upper
165	100	
63	38.9	27.5 41.3
89	64.7	49.9 74.9
182	2.9	2.1 3.1

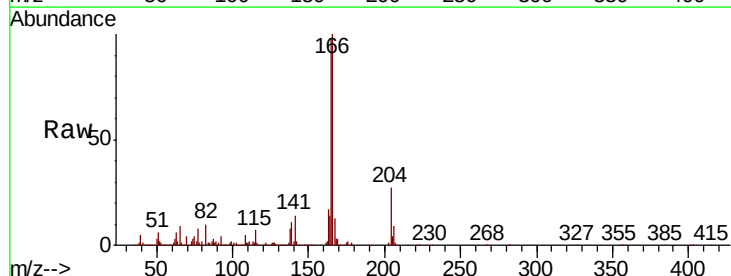


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

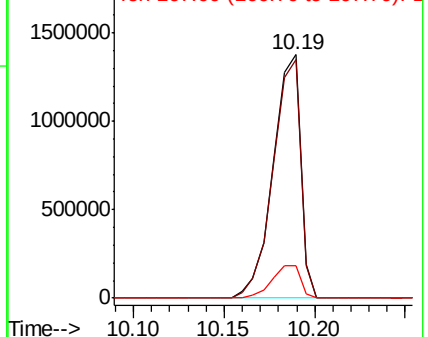
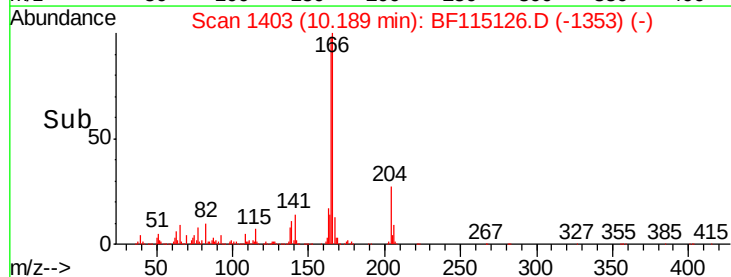


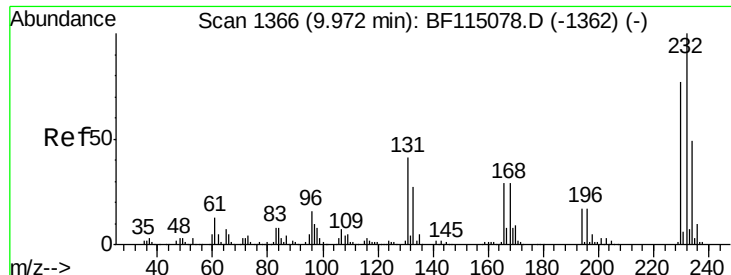
#58
 Fluorene
 Concen: 39.452 ng
 RT: 10.19 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF115126.D
 Acq: 22 Jun 2019 17:43

Tgt Ion:166	Resp:	1457687
Ion	Ratio	Lower Upper
166	100	
165	97.9	76.5 114.7
167	13.3	11.0 16.4



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

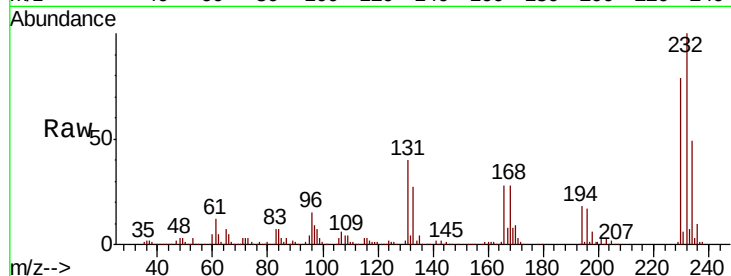




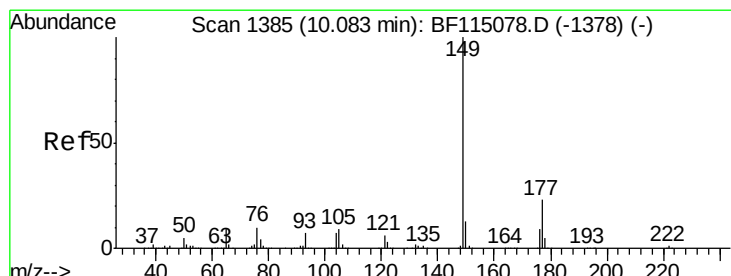
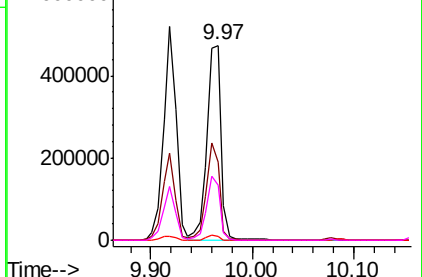
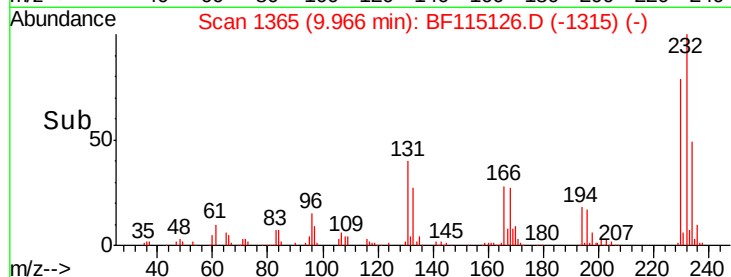
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.349 ng
 RT: 9.97 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: BF115126.D
 Acq: 22 Jun 2019 17:43

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-3MSD

Tot Ion:232	Resp:	455102
Ion Ratio	Lower	Upper
232	100	
131	46.1	37.4 56.0
130	2.2	1.8 2.6
166	30.9	24.6 36.8

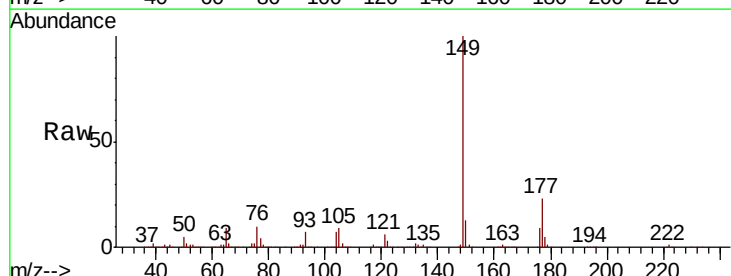


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

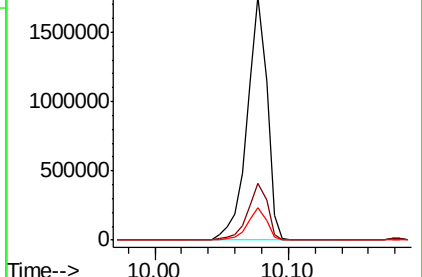
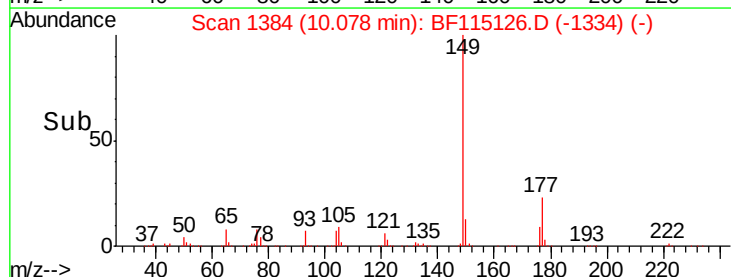


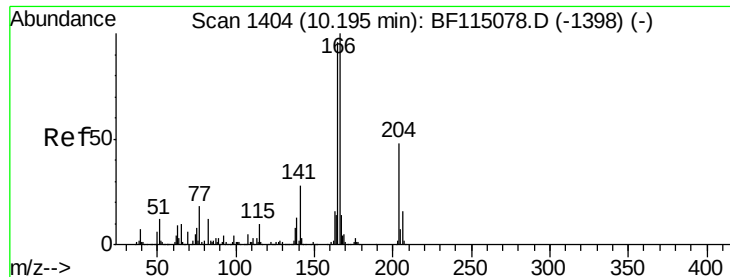
#60
 Diethylphthalate
 Concen: 40.267 ng
 RT: 10.08 min Scan# 1384
 Delta R.T. -0.01 min
 Lab File: BF115126.D
 Acq: 22 Jun 2019 17:43

Tgt Ion:149	Resp:	1782969
Ion Ratio	Lower	Upper
149	100	
177	23.1	18.7 28.1
150	13.3	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

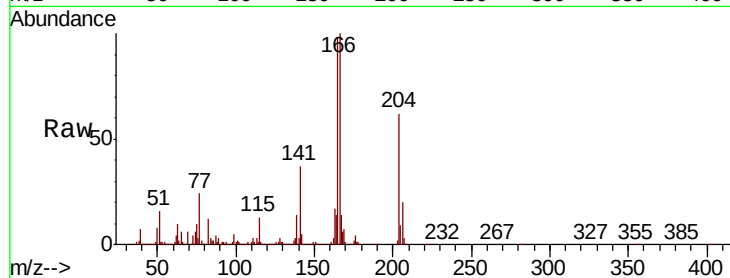




#61
4-Chlorophenyl-phenylether
Concen: 40.325 ng
RT: 10.18 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF115126.D
Acq: 22 Jun 2019 17:43

Instrument :
BNA_F
ClientSampleId :
SAMPLE-3MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.6	40.0
141	59.8	46.7	70.1

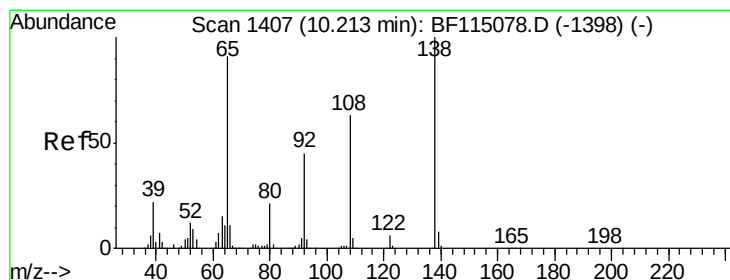
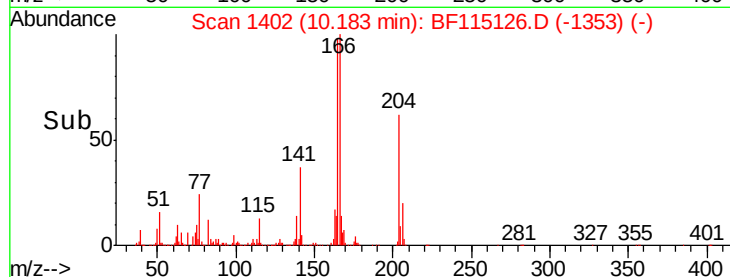
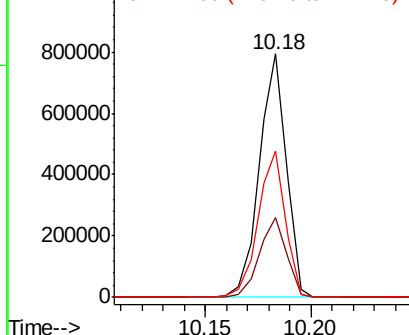


Abundance

Ion 204.00 (203.70 to 204.70): E

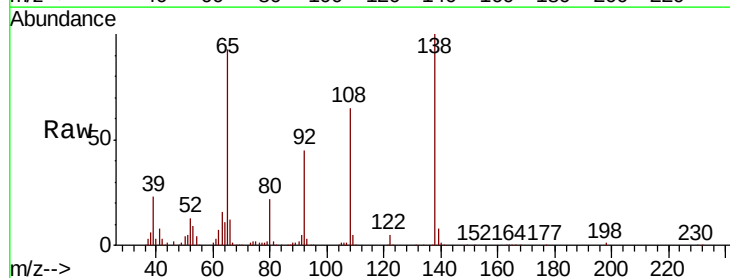
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 35.670 ng
RT: 10.21 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF115126.D
Acq: 22 Jun 2019 17:43

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.1	24.8	64.8
108	64.7	43.3	83.3

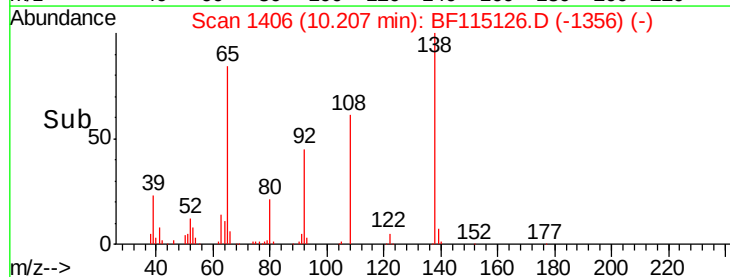
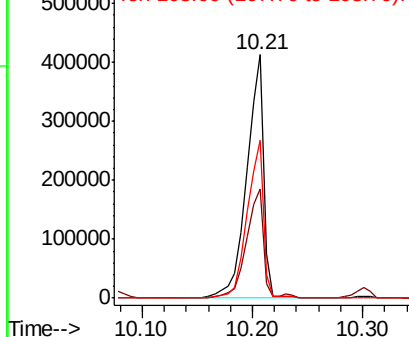


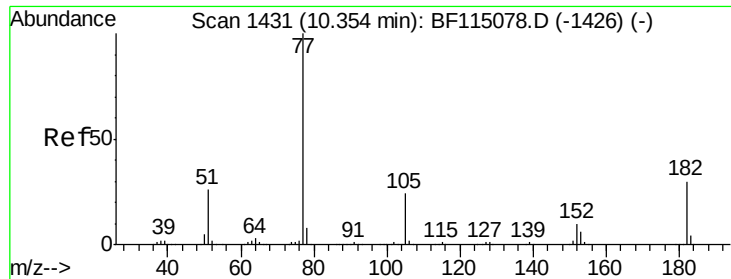
Abundance

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

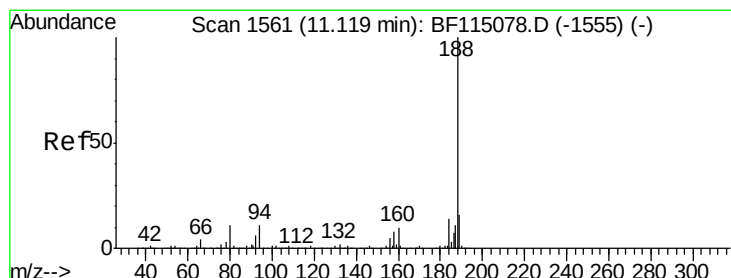
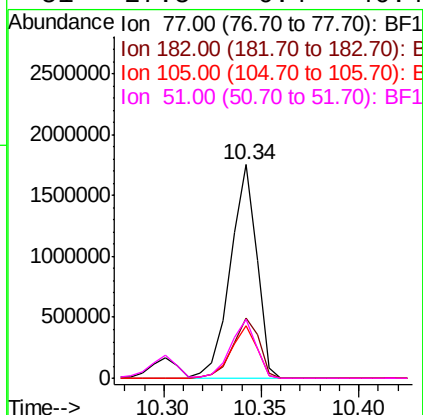
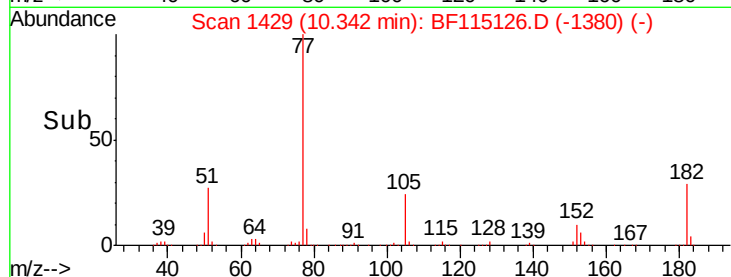
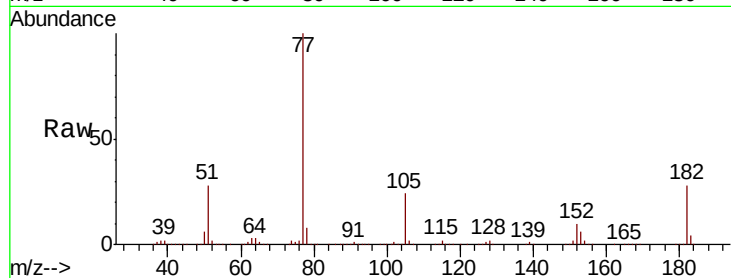




#63
Azobenzene
Concen: 39.655 ng
RT: 10.34 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF115126.D
Acq: 22 Jun 2019 17:43

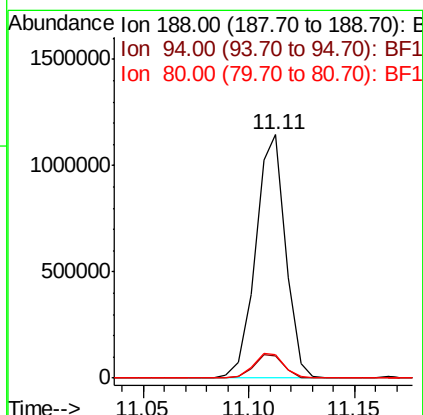
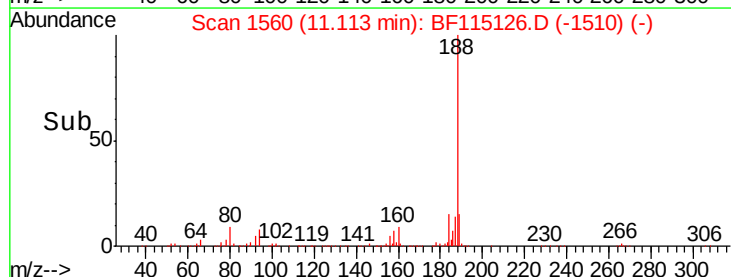
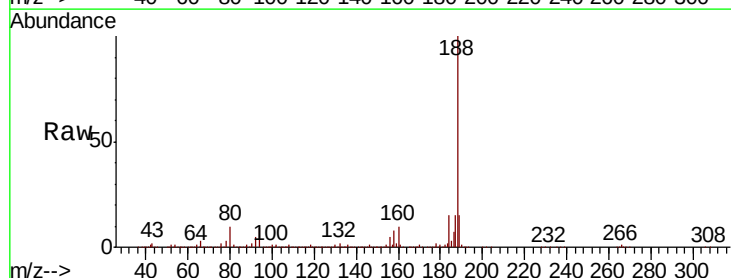
Instrument :
BNA_F
ClientSampleId :
SAMPLE-3MSD

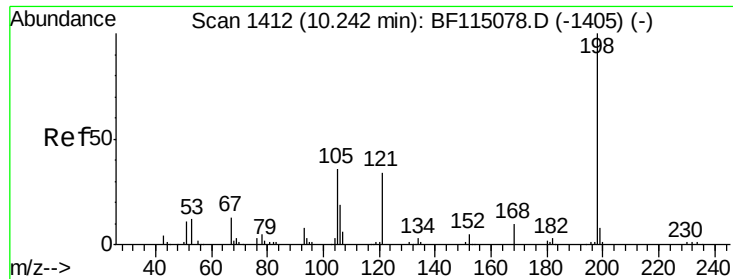
Tot Ion: 77 Resp: 1640038
Ion Ratio Lower Upper
77 100
182 28.4 10.1 50.1
105 24.4 4.5 44.5
51 27.5 6.4 46.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF115126.D
Acq: 22 Jun 2019 17:43

Tgt Ion: 188 Resp: 1127930
Ion Ratio Lower Upper
188 100
94 9.1 8.6 12.8
80 9.5 8.8 13.2

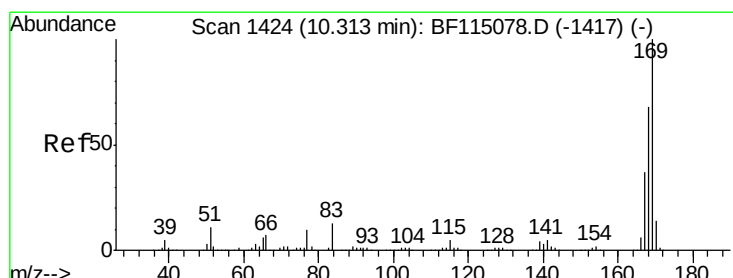
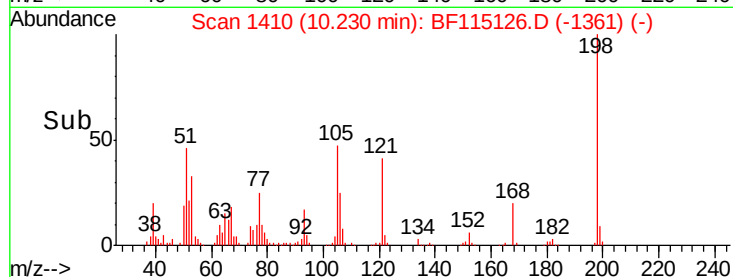
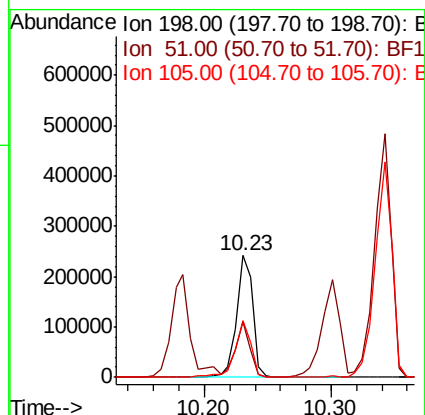
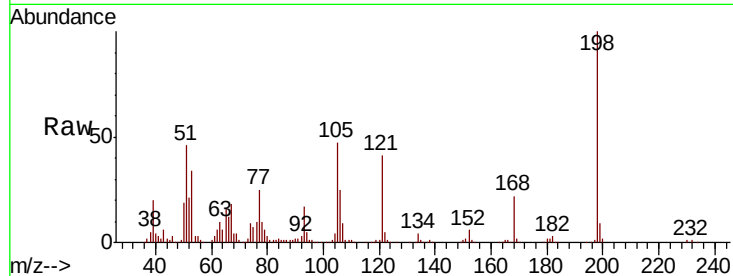




#65
4,6-Dinitro-2-methylphenol
Concen: 36.727 ng
RT: 10.23 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BF115126.D
Acq: 22 Jun 2019 17:43

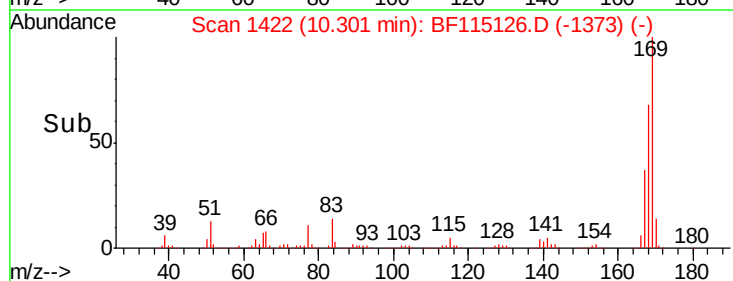
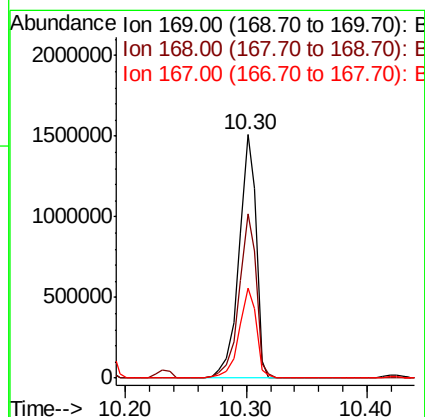
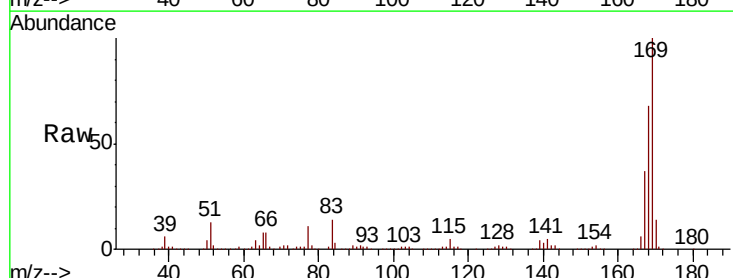
Instrument :
BNA_F
ClientSampleId :
SAMPLE-3MSD

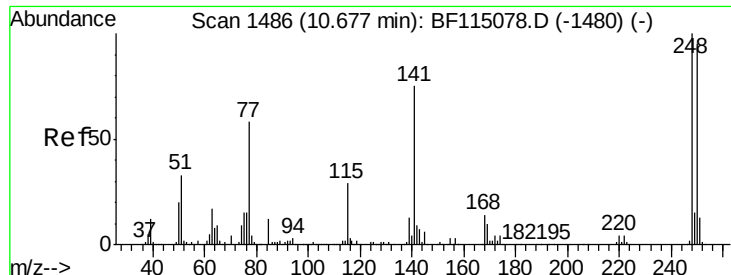
Tot Ion:198 Resp: 212624
Ion Ratio Lower Upper
198 100
51 46.0 11.0 51.0
105 47.1 17.3 57.3



#66
n-Nitrosodiphenylamine
Concen: 42.484 ng
RT: 10.30 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF115126.D
Acq: 22 Jun 2019 17:43

Tgt Ion:169 Resp: 1492891
Ion Ratio Lower Upper
169 100
168 67.6 54.2 81.4
167 36.9 29.4 44.0

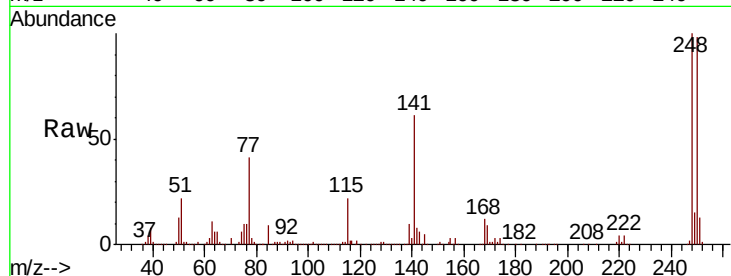




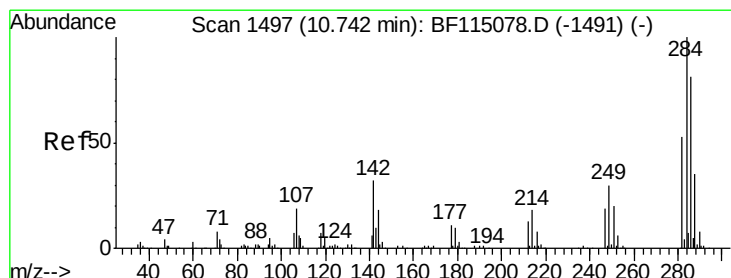
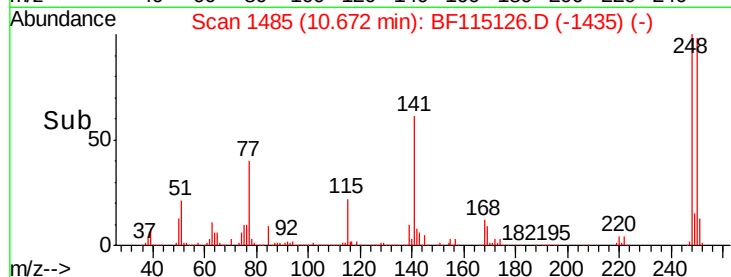
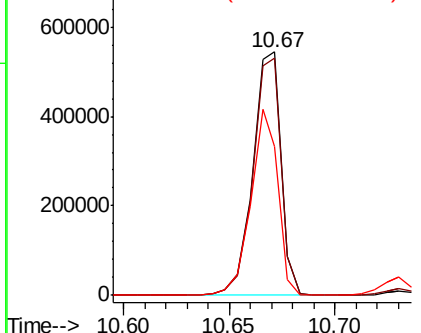
#67
4-Bromophenyl-phenylether
Concen: 41.456 ng
RT: 10.67 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF115126.D
Acq: 22 Jun 2019 17:43

Instrument :
BNA_F
ClientSampleId :
SAMPLE-3MSD

Tot Ion:248 Resp: 506969
Ion Ratio Lower Upper
248 100
250 97.7 76.2 114.2
141 61.1 59.6 89.4

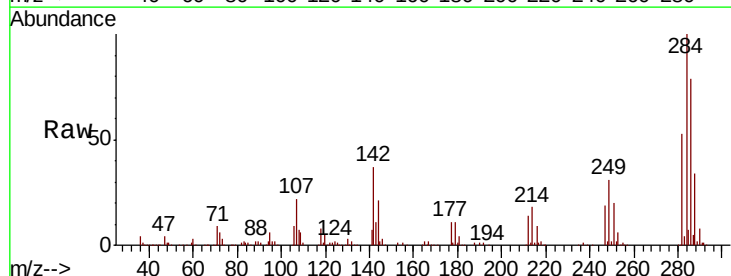


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

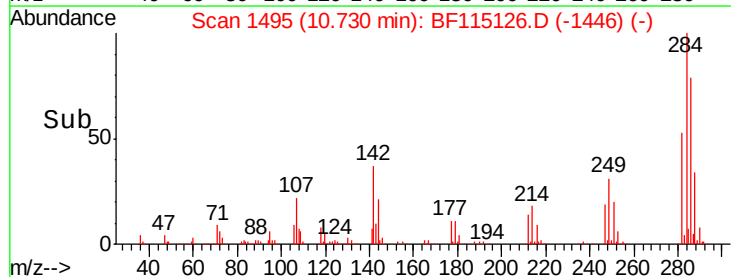
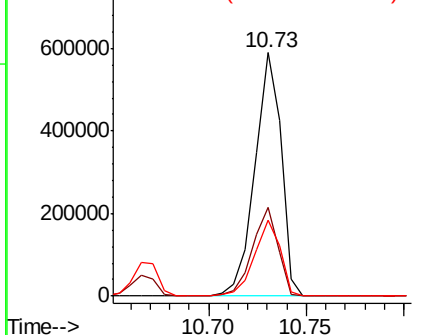


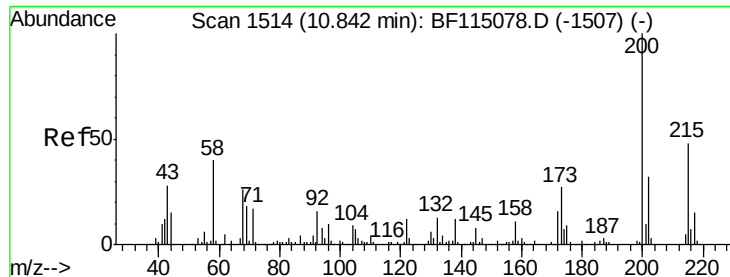
#68
Hexachlorobenzene
Concen: 41.373 ng
RT: 10.73 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BF115126.D
Acq: 22 Jun 2019 17:43

Tgt Ion:284 Resp: 549179
Ion Ratio Lower Upper
284 100
142 36.6 25.8 38.8
249 31.2 24.2 36.4



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

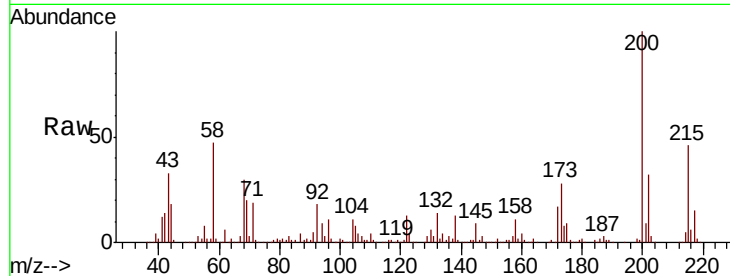




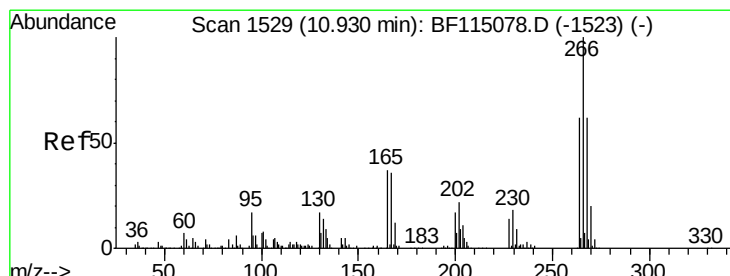
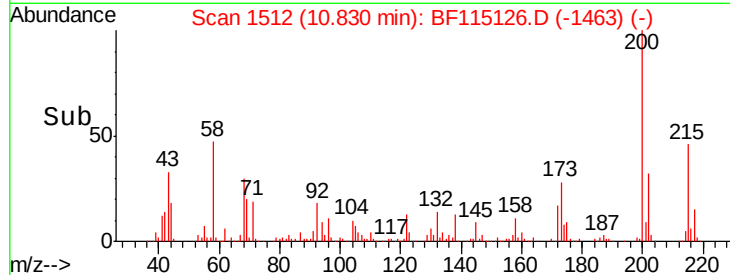
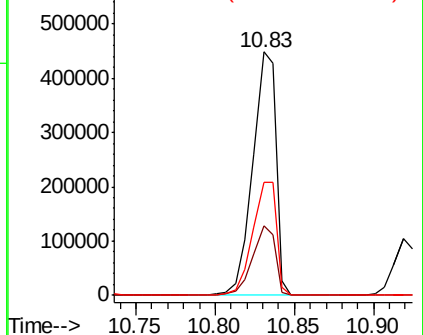
#69
 Atrazine
 Concen: 40.587 ng
 RT: 10.83 min Scan# 1512
 Delta R.T. -0.01 min
 Lab File: BF115126.D
 Acq: 22 Jun 2019 17:43

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-3MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.4	7.4	47.4
215	46.2	27.8	67.8

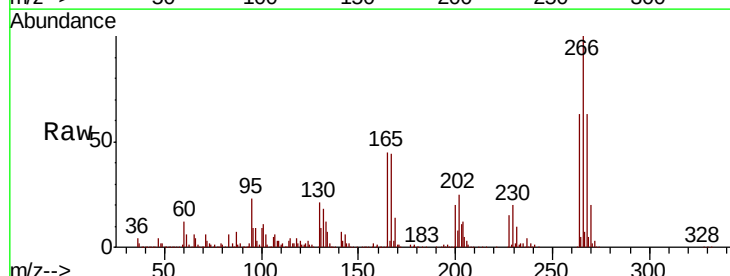


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

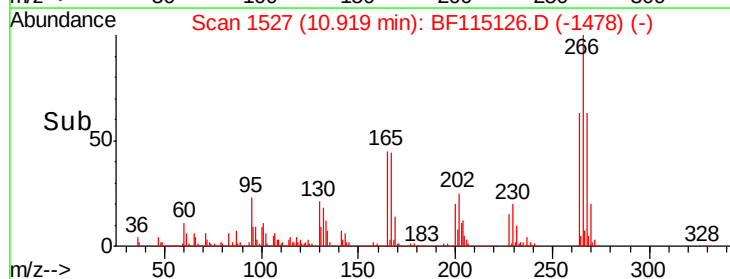
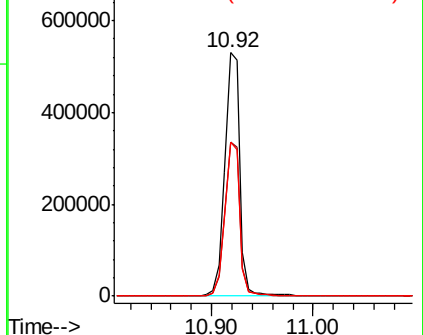


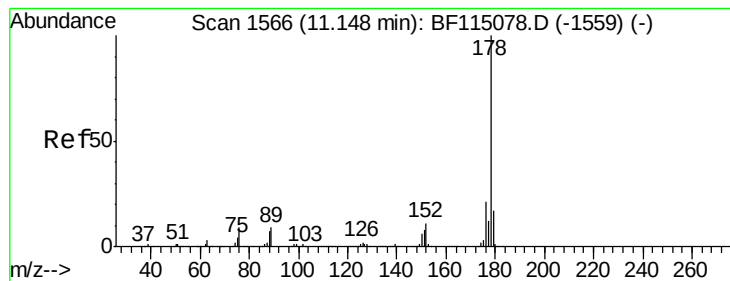
#70
 Pentachlorophenol
 Concen: 64.574 ng
 RT: 10.92 min Scan# 1527
 Delta R.T. -0.01 min
 Lab File: BF115126.D
 Acq: 22 Jun 2019 17:43

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.4	49.5	74.3
264	63.2	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: 38.703 ng

RT: 11.14 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF115126.D

Acq: 22 Jun 2019 17:43

Instrument :

BNA_F

ClientSampleId :

SAMPLE-3MSD

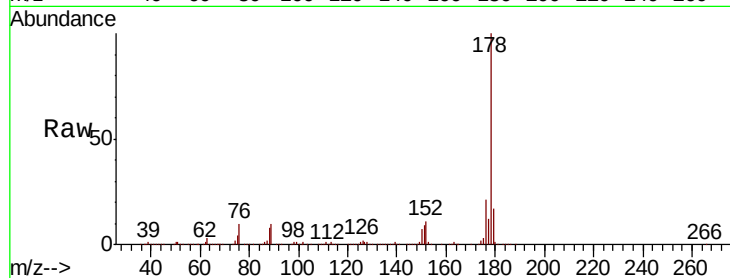
Tot Ion:178 Resp: 2350423

Ion Ratio Lower Upper

178 100

176 21.3 16.9 25.3

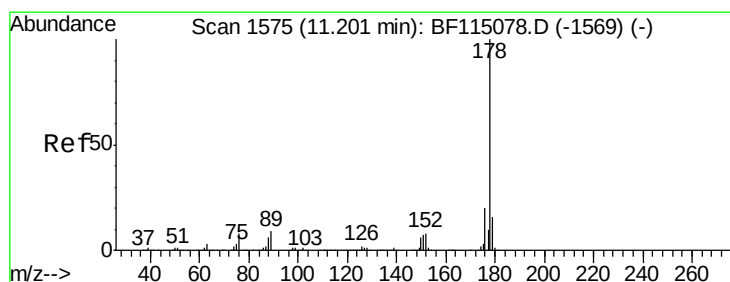
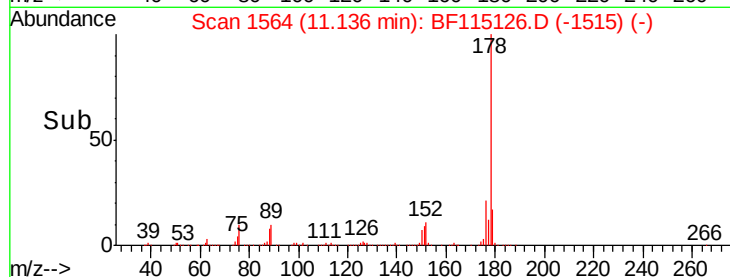
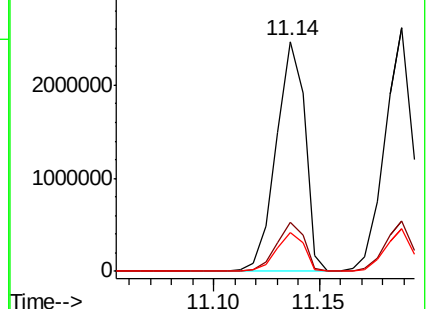
179 17.1 13.2 19.8



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: 38.649 ng

RT: 11.19 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF115126.D

Acq: 22 Jun 2019 17:43

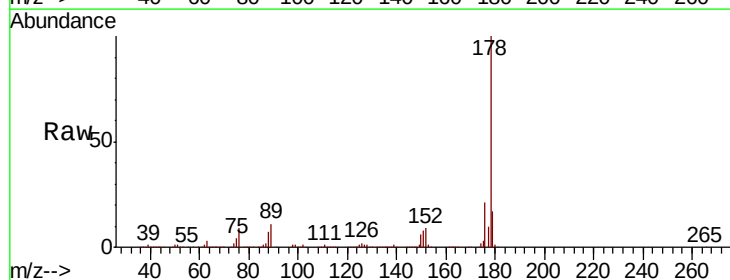
Tgt Ion:178 Resp: 2369252

Ion Ratio Lower Upper

178 100

176 20.9 16.1 24.1

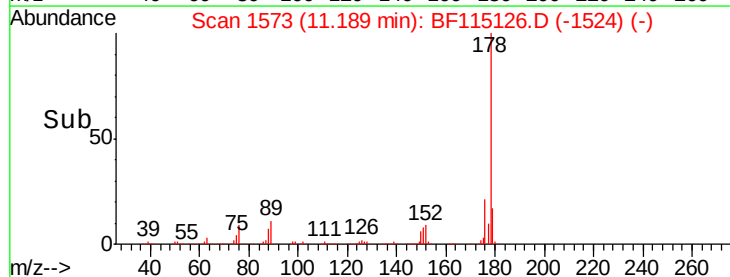
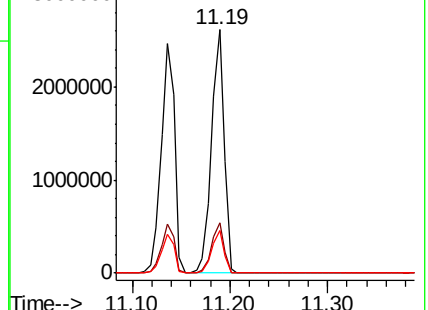
179 17.3 12.9 19.3

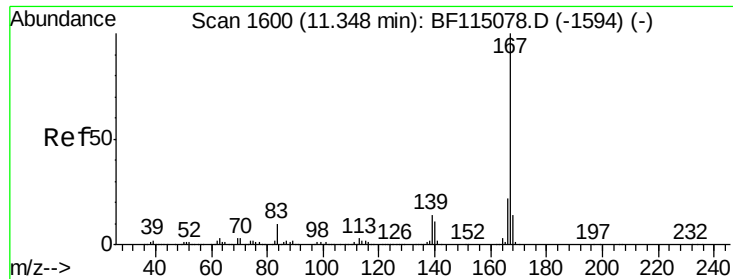


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

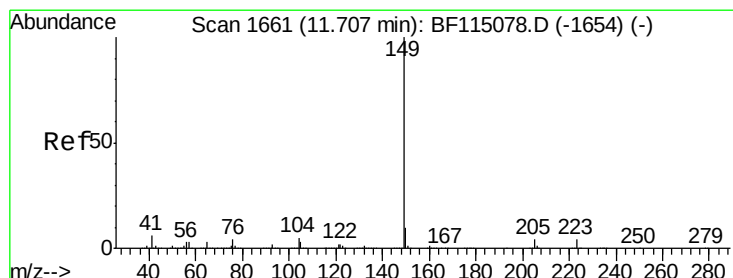
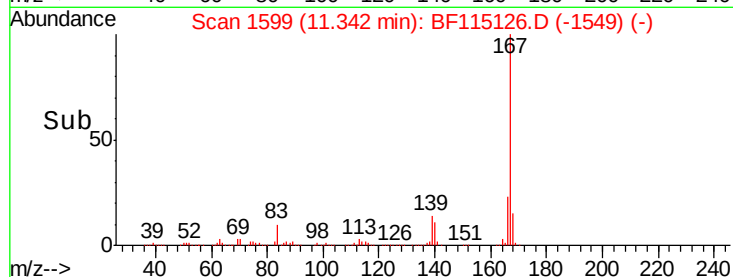
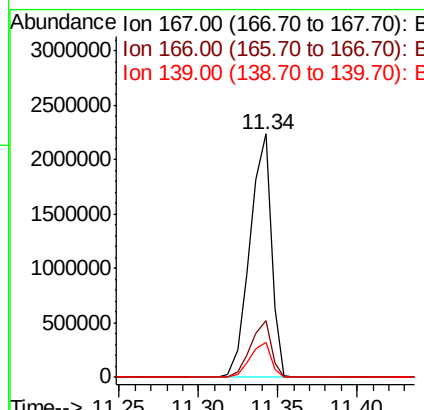
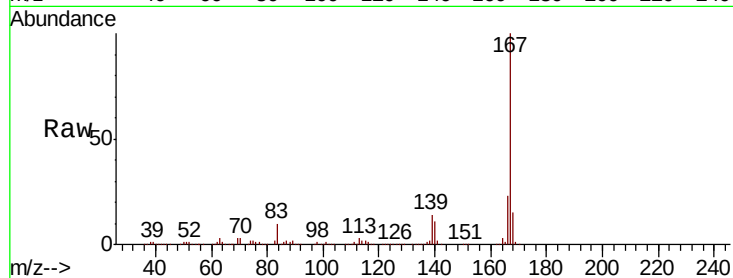




#73
 Carbazole
 Concen: 38.395 ng
 RT: 11.34 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF115126.D
 Acq: 22 Jun 2019 17:43

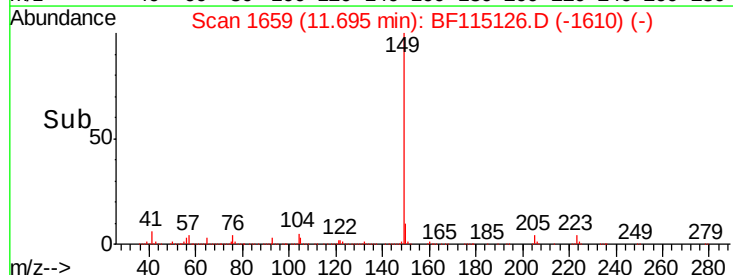
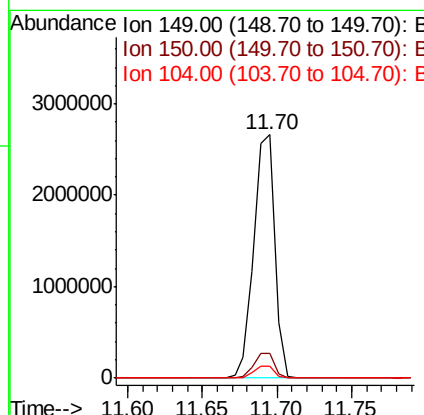
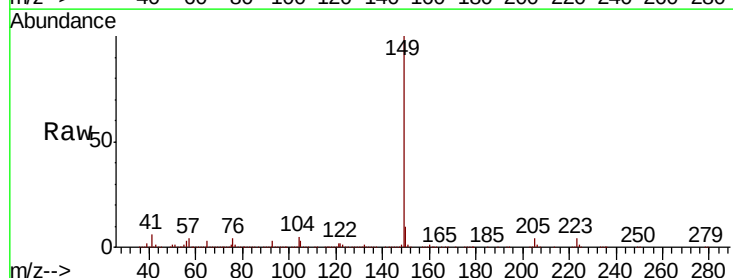
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-3MSD

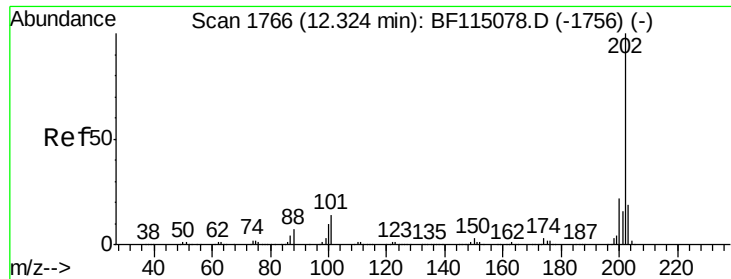
Tot Ion:167 Resp: 2101776
 Ion Ratio Lower Upper
 167 100
 166 23.4 18.0 27.0
 139 14.5 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 40.699 ng
 RT: 11.70 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BF115126.D
 Acq: 22 Jun 2019 17:43

Tgt Ion:149 Resp: 2574417
 Ion Ratio Lower Upper
 149 100
 150 10.1 7.8 11.8
 104 4.9 3.7 5.5





#75

Fluoranthene

Concen: 37.113 ng

RT: 12.31 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF115126.D

Acq: 22 Jun 2019 17:43

Instrument :

BNA_F

ClientSampleId :

SAMPLE-3MSD

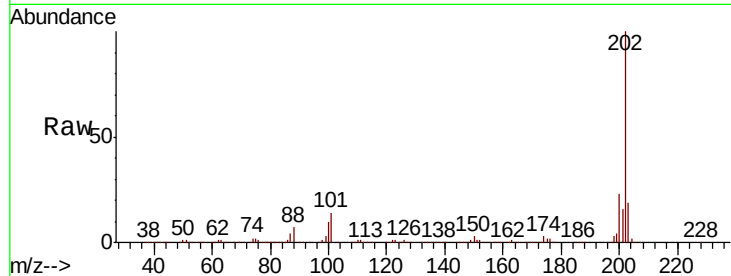
Tot Ion:202 Resp: 2248793

Ion Ratio Lower Upper

202 100

101 13.6 0.0 34.0

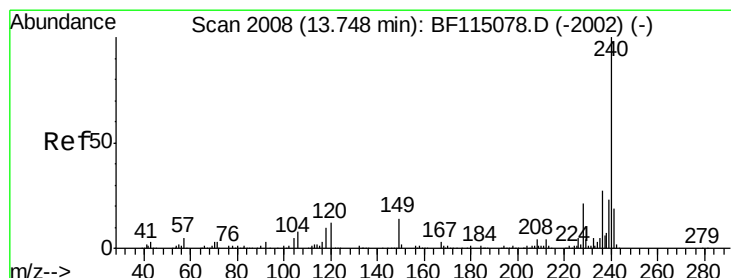
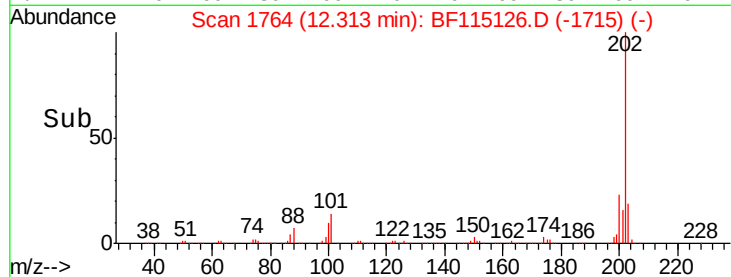
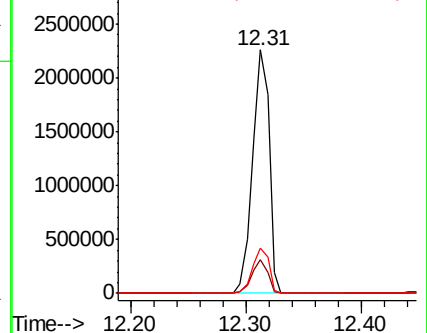
203 18.8 0.0 38.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.73 min Scan# 2005

Delta R.T. -0.02 min

Lab File: BF115126.D

Acq: 22 Jun 2019 17:43

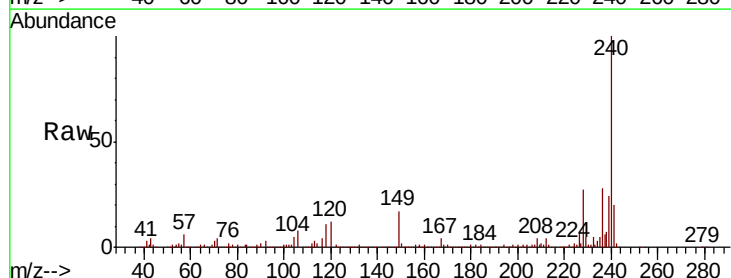
Tgt Ion:240 Resp: 613735

Ion Ratio Lower Upper

240 100

120 11.8 9.4 14.2

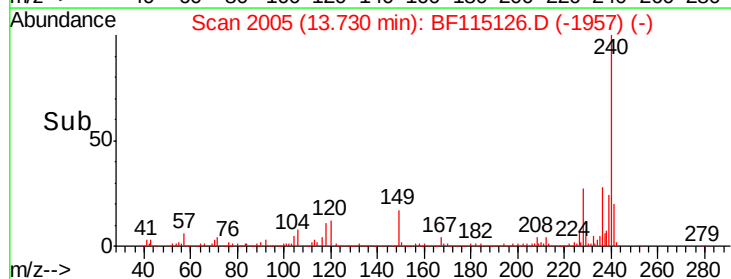
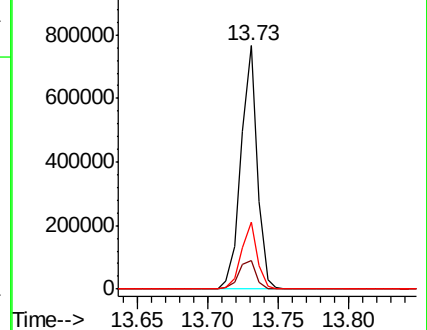
236 27.5 21.7 32.5

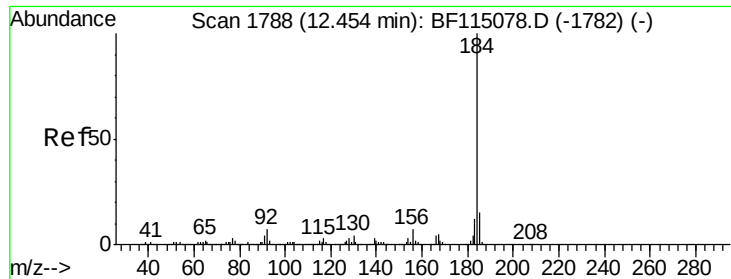


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 1.962 ng

RT: 12.44 min Scan# 1785

Delta R.T. -0.02 min

Lab File: BF115126.D

Acq: 22 Jun 2019 17:43

Instrument :

BNA_F

ClientSampleId :

SAMPLE-3MSD

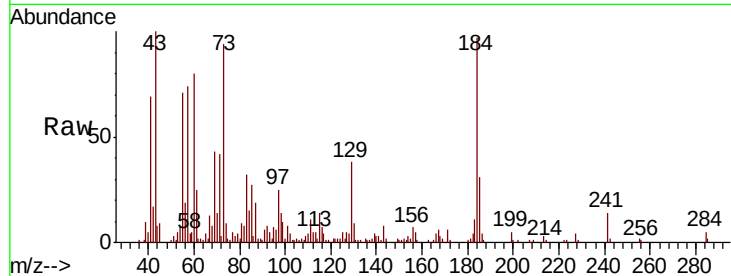
Tot Ion:184 Resp: 53470

Ion Ratio Lower Upper

184 100

185 32.3 12.2 18.2#

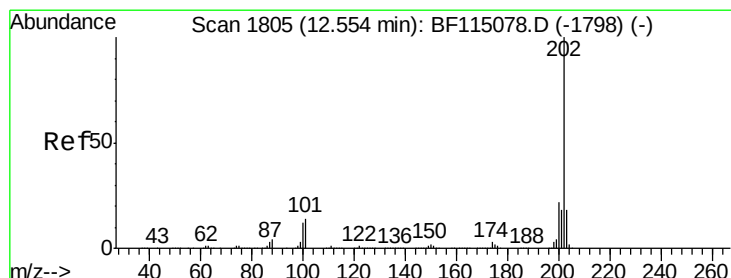
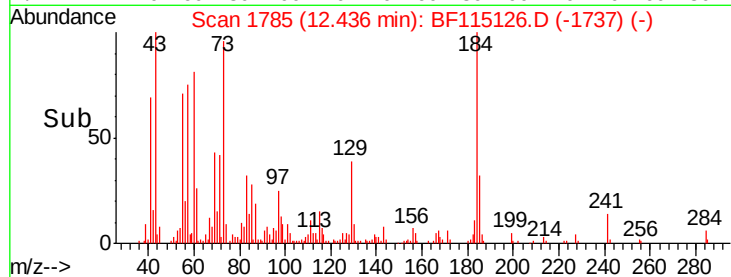
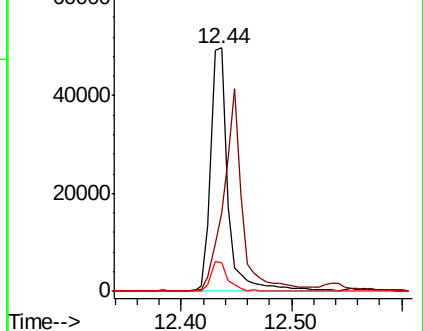
183 11.5 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.843 ng

RT: 12.54 min Scan# 1802

Delta R.T. -0.02 min

Lab File: BF115126.D

Acq: 22 Jun 2019 17:43

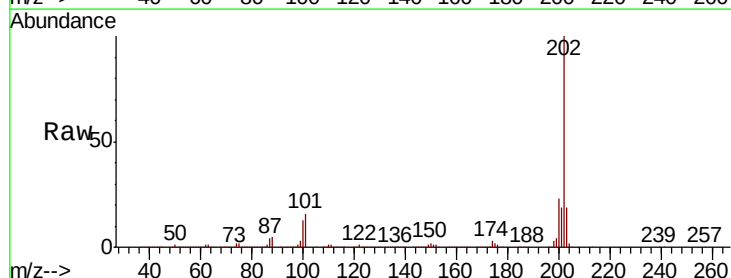
Tgt Ion:202 Resp: 2209381

Ion Ratio Lower Upper

202 100

200 22.9 17.9 26.9

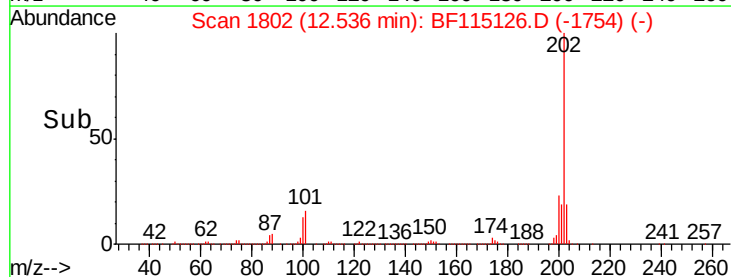
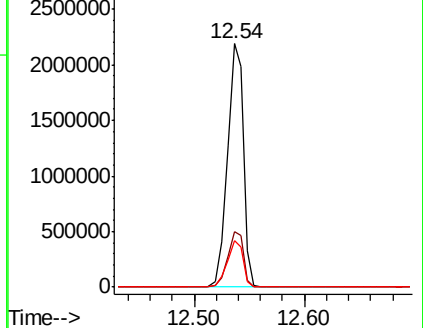
203 19.1 14.6 21.8

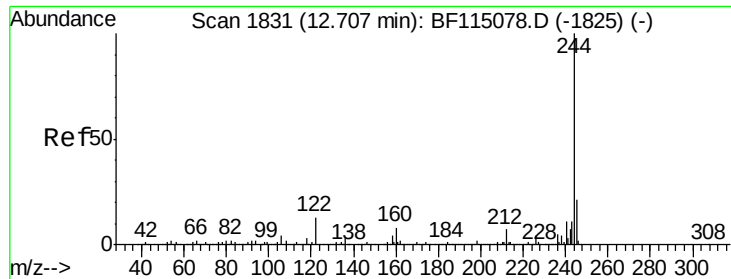


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

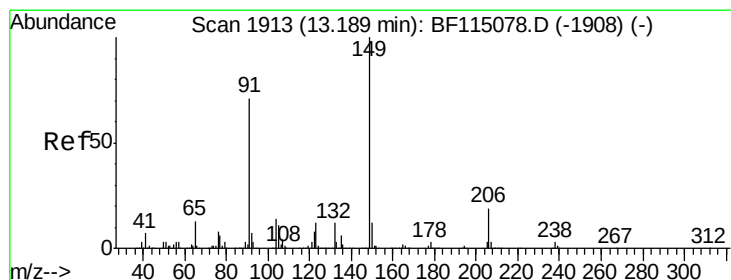
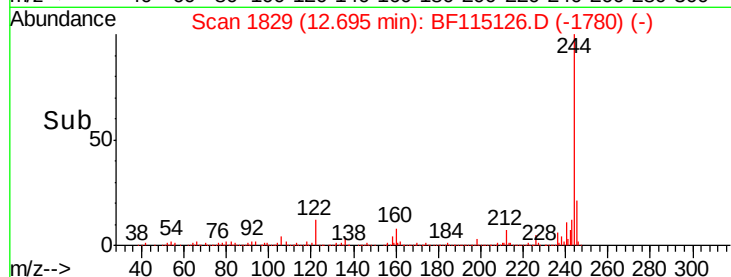
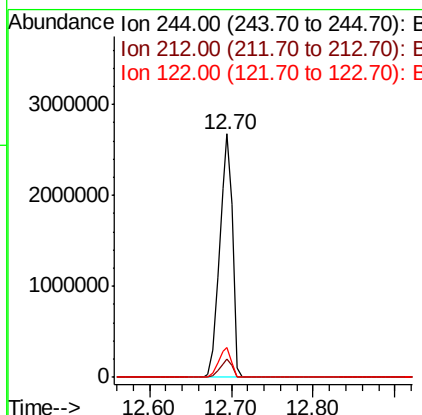
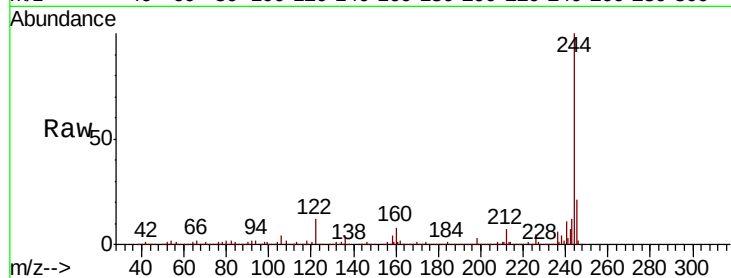




#79
 Terphenyl-d14
 Concen: 100.516 ng
 RT: 12.70 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF115126.D
 Acq: 22 Jun 2019 17:43

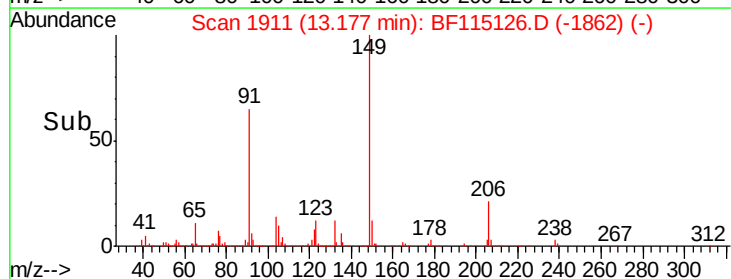
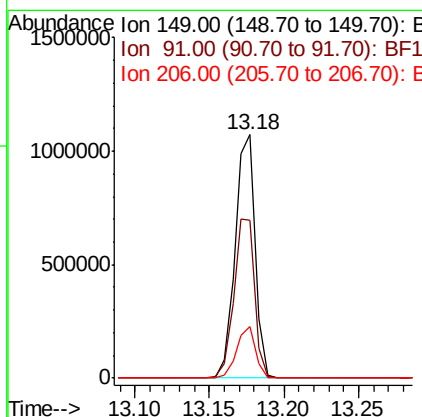
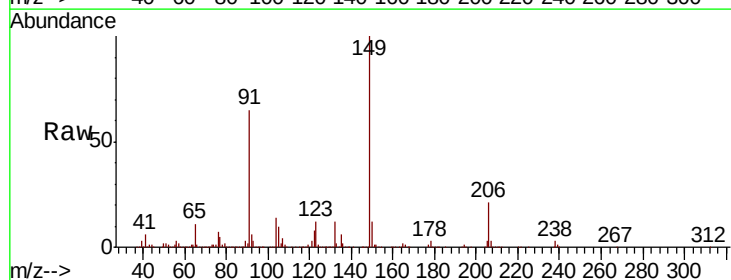
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-3MSD

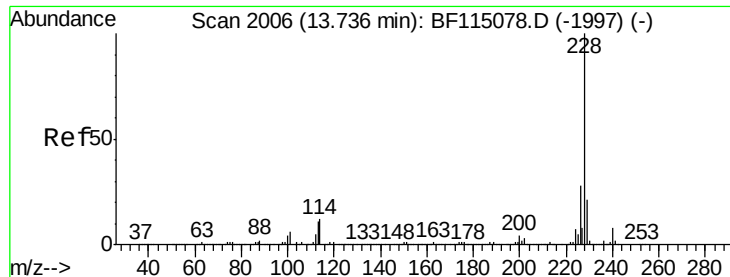
Tot Ion:244 Resp: 2901495
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 12.3 10.4 15.6



#80
 Butylbenzylphthalate
 Concen: 48.438 ng
 RT: 13.18 min Scan# 1911
 Delta R.T. -0.01 min
 Lab File: BF115126.D
 Acq: 22 Jun 2019 17:43

Tgt Ion:149 Resp: 1008227
 Ion Ratio Lower Upper
 149 100
 91 64.6 56.5 84.7
 206 21.3 15.3 22.9





#81

Benzo(a)anthracene

Concen: 40.241 ng

RT: 13.72 min Scan# 2003

Delta R.T. -0.02 min

Lab File: BF115126.D

Acq: 22 Jun 2019 17:43

Instrument :

BNA_F

ClientSampleId :

SAMPLE-3MSD

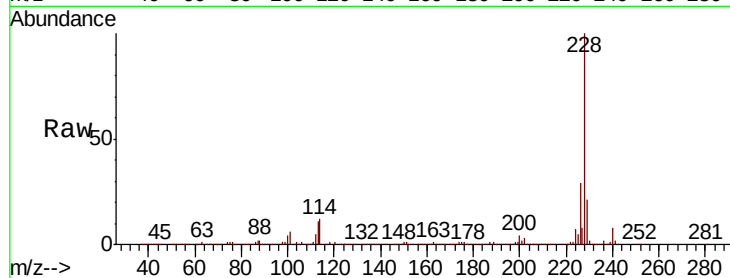
Tot Ion:228 Resp: 1772096

Ion Ratio Lower Upper

228 100

226 28.5 22.5 33.7

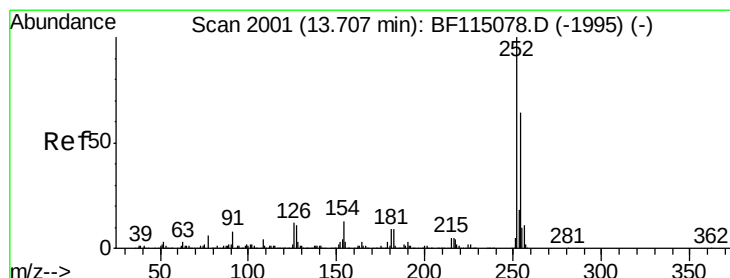
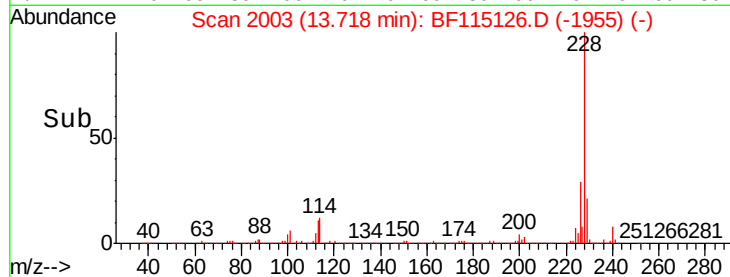
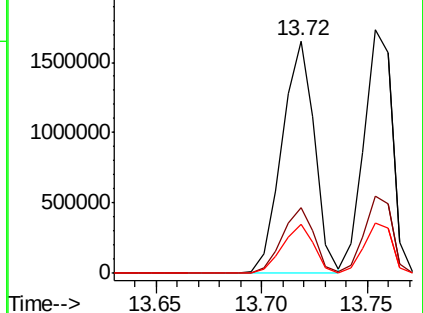
229 21.0 16.6 24.8



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: 15.012 ng

RT: 13.68 min Scan# 1997

Delta R.T. -0.02 min

Lab File: BF115126.D

Acq: 22 Jun 2019 17:43

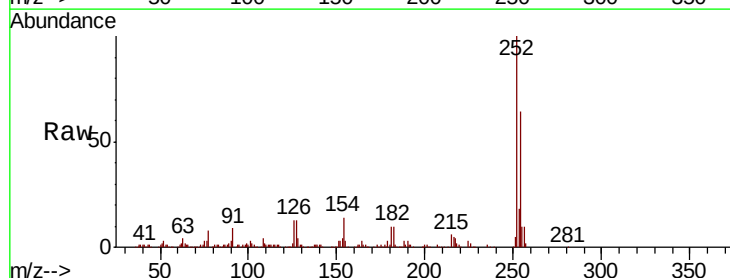
Tgt Ion:252 Resp: 238736

Ion Ratio Lower Upper

252 100

254 64.1 51.1 76.7

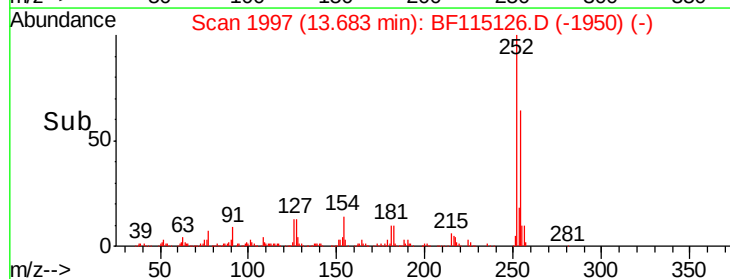
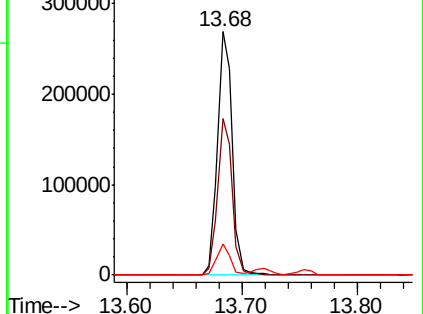
126 12.7 9.4 14.0

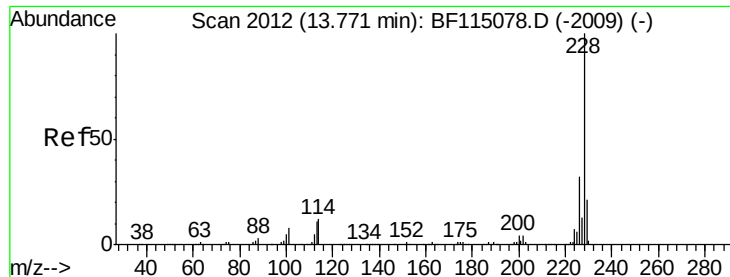


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.484 ng

RT: 13.75 min Scan# 2009

Delta R.T. -0.02 min

Lab File: BF115126.D

Acq: 22 Jun 2019 17:43

Instrument :

BNA_F

ClientSampleId :

SAMPLE-3MSD

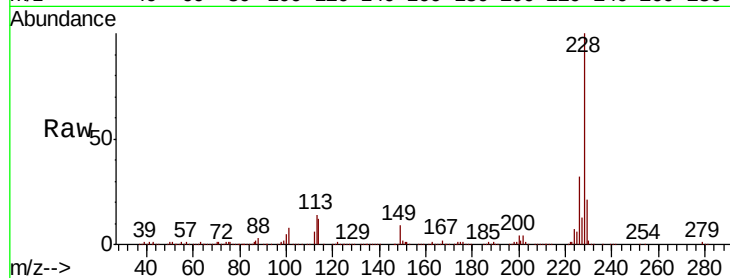
Tot Ion:228 Resp: 1633108

Ion Ratio Lower Upper

228 100

226 31.7 25.4 38.0

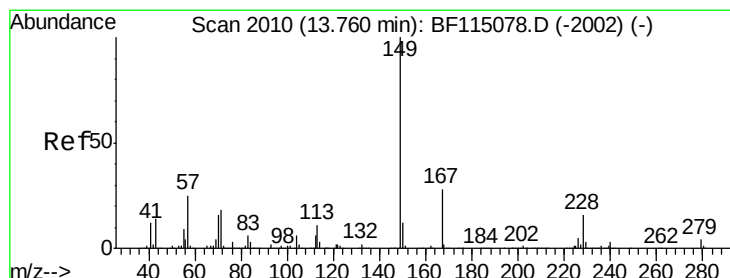
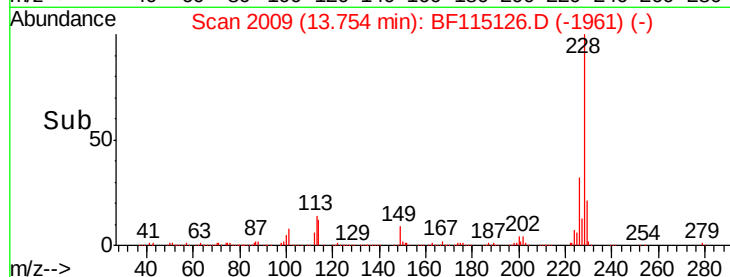
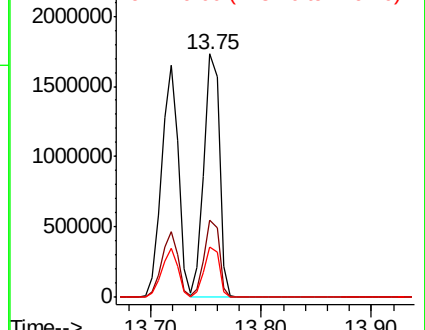
229 20.9 16.5 24.7



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: 47.041 ng

RT: 13.74 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF115126.D

Acq: 22 Jun 2019 17:43

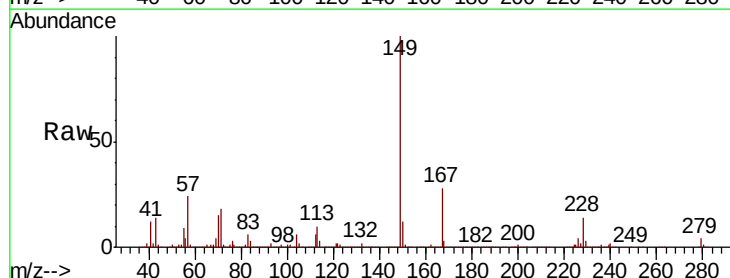
Tgt Ion:149 Resp: 1283005

Ion Ratio Lower Upper

149 100

167 27.7 22.2 33.4

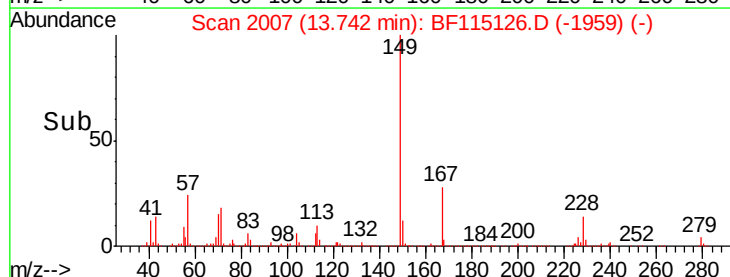
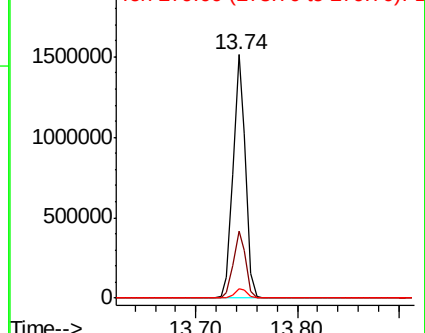
279 3.8 2.9 4.3

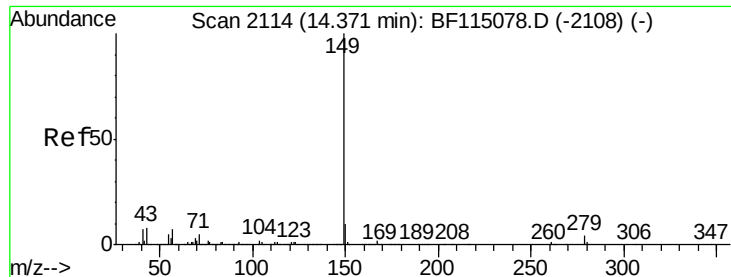


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

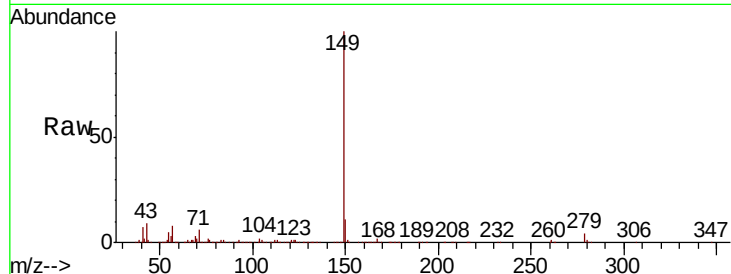




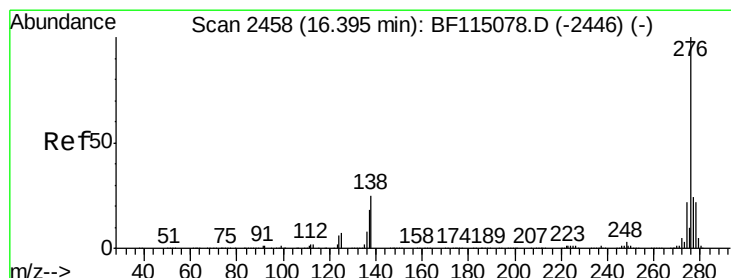
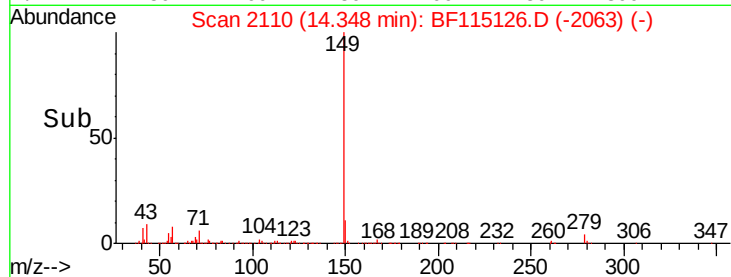
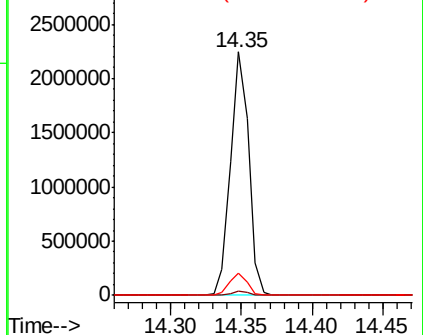
#85
Di-n-octyl phthalate
Concen: 44.014 ng
RT: 14.35 min Scan# 2110
Delta R.T. -0.02 min
Lab File: BF115126.D
Acq: 22 Jun 2019 17:43

Instrument :
BNA_F
ClientSampleId :
SAMPLE-3MSD

Tot Ion:149 Resp: 2016961
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.8 7.0 10.6

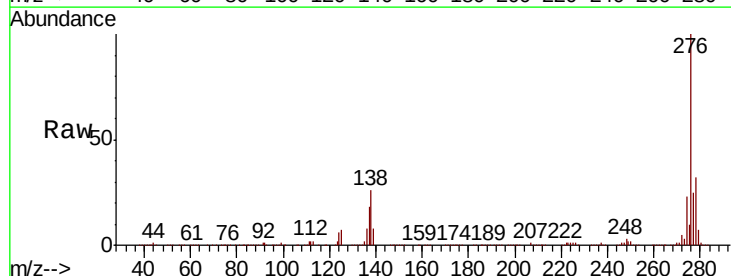


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

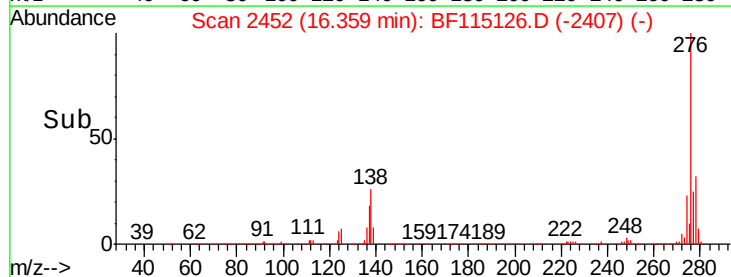
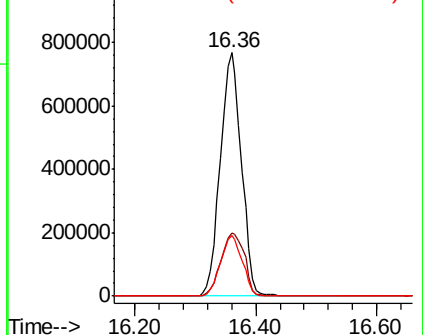


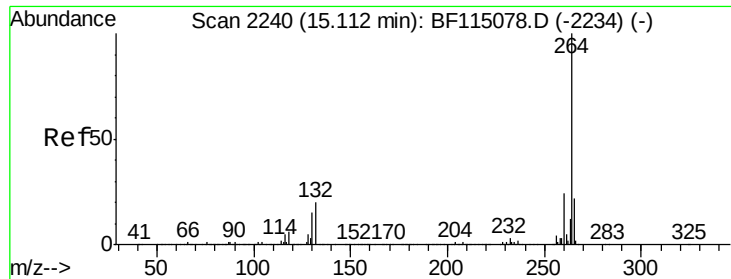
#86
Indeno(1,2,3-cd)pyrene
Concen: 39.208 ng
RT: 16.36 min Scan# 2452
Delta R.T. -0.04 min
Lab File: BF115126.D
Acq: 22 Jun 2019 17:43

Tgt Ion:276 Resp: 1871533
Ion Ratio Lower Upper
276 100
138 28.9 23.2 34.8
277 25.5 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: BF115126.D

Acq: 22 Jun 2019 17:43

Instrument :

BNA_F

ClientSampleId :

SAMPLE-3MSD

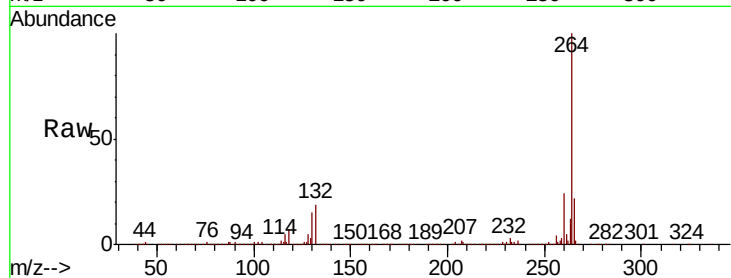
Tot Ion:264 Resp: 669903

Ion Ratio Lower Upper

264 100

260 24.1 19.6 29.4

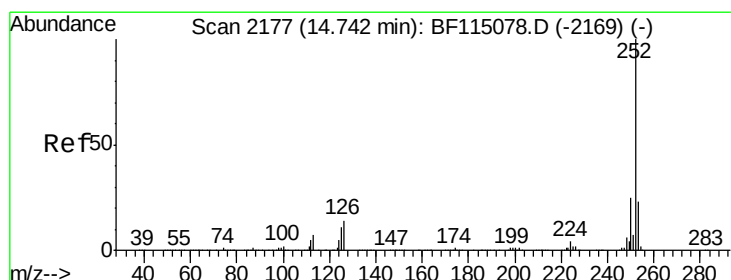
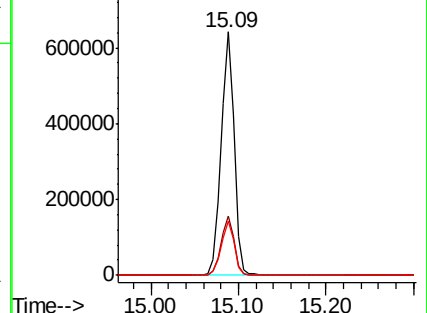
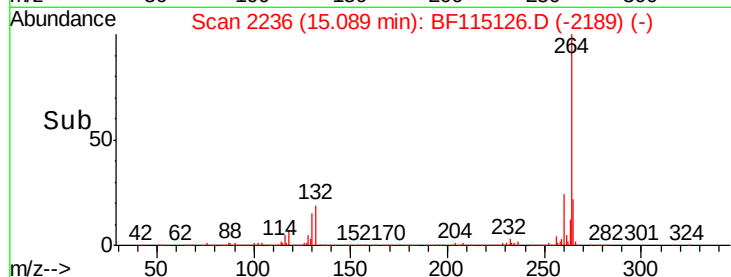
265 22.1 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.056 ng

RT: 14.72 min Scan# 2173

Delta R.T. -0.02 min

Lab File: BF115126.D

Acq: 22 Jun 2019 17:43

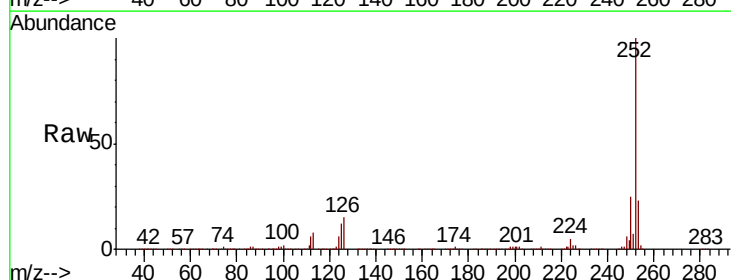
Tgt Ion:252 Resp: 1716158

Ion Ratio Lower Upper

252 100

253 22.9 18.1 27.1

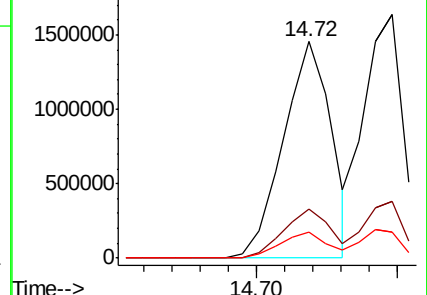
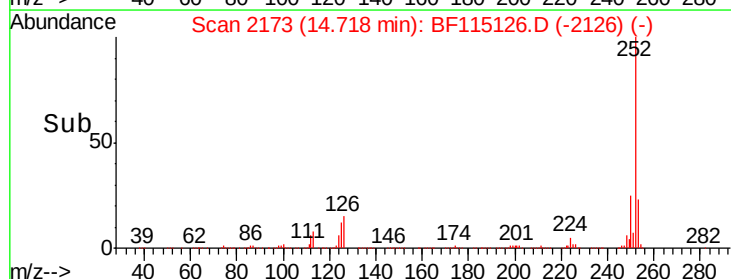
125 11.8 8.7 13.1

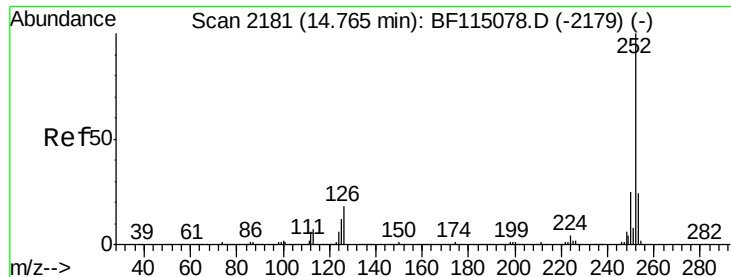


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

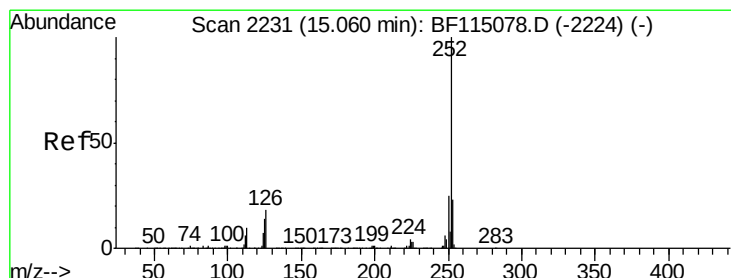
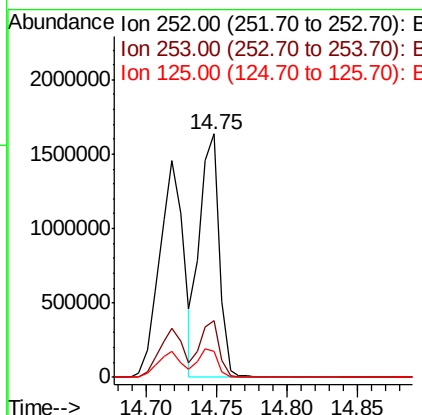
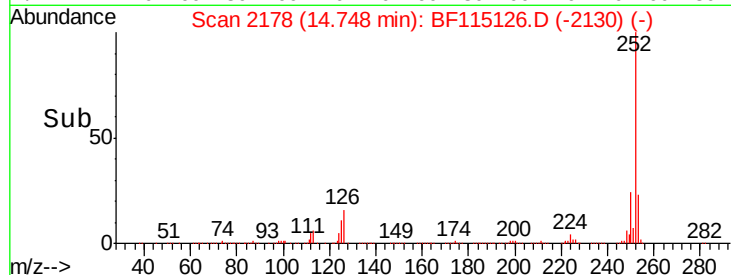
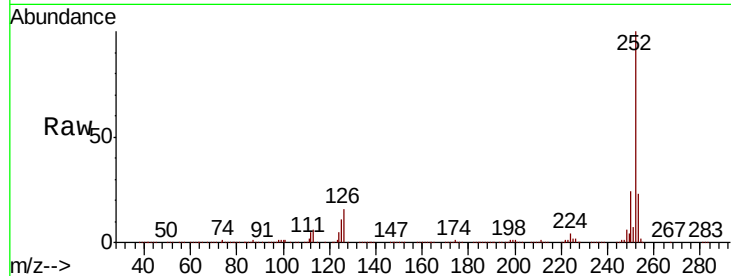




#89
Benzo(k)fluoranthene
Concen: 42.186 ng
RT: 14.75 min Scan# 2178
Delta R.T. -0.02 min
Lab File: BF115126.D
Acq: 22 Jun 2019 17:43

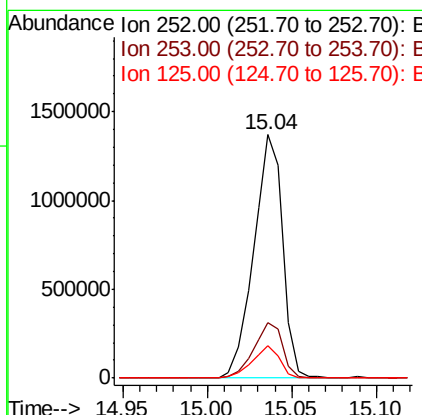
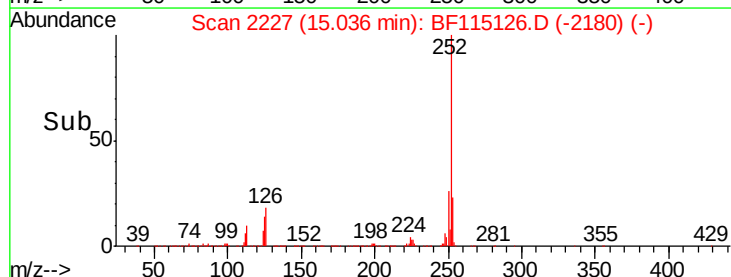
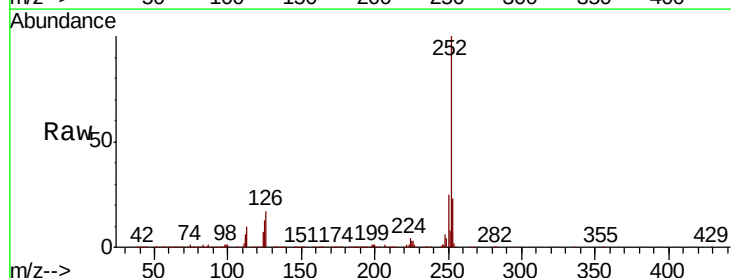
Instrument :
BNA_F
ClientSampleId :
SAMPLE-3MSD

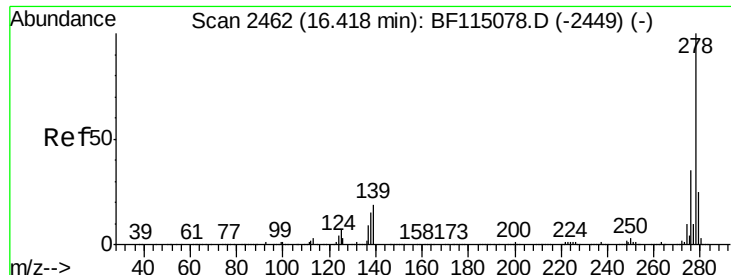
Tot Ion:252 Resp: 1581350
Ion Ratio Lower Upper
252 100
253 23.2 18.9 28.3
125 10.7 10.2 15.2



#90
Benzo(a)pyrene
Concen: 43.258 ng
RT: 15.04 min Scan# 2227
Delta R.T. -0.02 min
Lab File: BF115126.D
Acq: 22 Jun 2019 17:43

Tgt Ion:252 Resp: 1629740
Ion Ratio Lower Upper
252 100
253 22.7 18.3 27.5
125 13.4 10.9 16.3

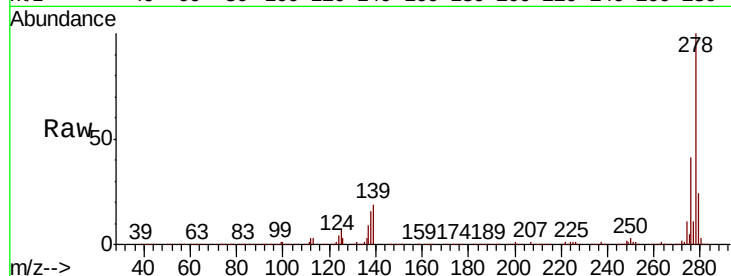




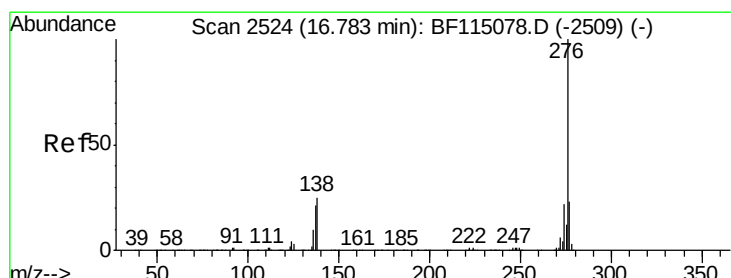
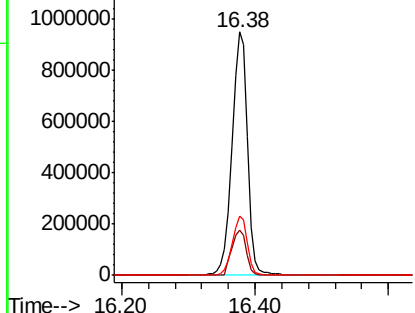
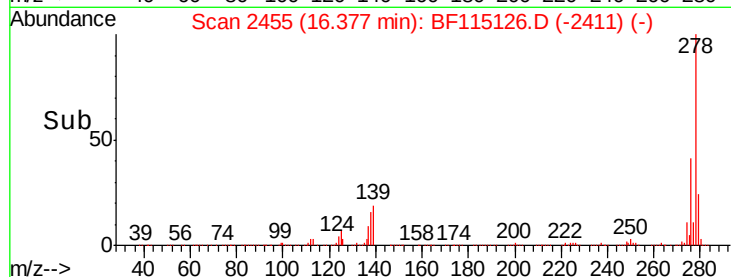
#91
Dibenzo(a,h)anthracene
Concen: 44.440 ng
RT: 16.38 min Scan# 2455
Delta R.T. -0.04 min
Lab File: BF115126.D
Acq: 22 Jun 2019 17:43

Instrument :
BNA_F
ClientSampleId :
SAMPLE-3MSD

Tot Ion:278 Resp: 1563060
Ion Ratio Lower Upper
278 100
139 18.7 15.4 23.2
279 24.5 19.9 29.9

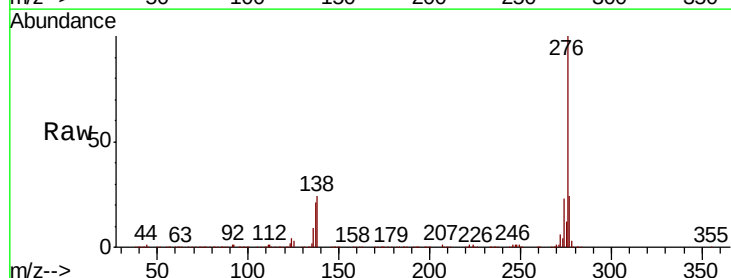


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 42.543 ng
RT: 16.74 min Scan# 2517
Delta R.T. -0.04 min
Lab File: BF115126.D
Acq: 22 Jun 2019 17:43

Tgt Ion:276 Resp: 1514437
Ion Ratio Lower Upper
276 100
277 24.3 18.6 28.0
138 24.3 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

