

Data File : BF115256.D
Acq On : 28 Jun 2019 1:21
Operator : HP/JU
Sample : K3532-05 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TRIANGLE-AREA-SOIL-A

Quant Time: Jun 28 05:04:33 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	6.60	152	235527	20.00	ng	-0.02
21) Naphthalene-d8	7.88	136	918545	20.00	ng	-0.02
39) Acenaphthene-d10	9.62	164	460367	20.00	ng	-0.02
64) Phenanthrene-d10	11.10	188	927291	20.00	ng	-0.02
76) Chrysene-d12	13.72	240	740083	20.00	ng	-0.03
87) Perylene-d12	15.08	264	696782	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	699186	45.81	ng	-0.02
7) Phenol-d6	6.23	99	882067	47.61	ng	-0.02
23) Nitrobenzene-d5	7.15	82	500588	33.52	ng	-0.03
42) 2,4,6-Tribromophenol	10.40	330	257993	53.14	ng	-0.03
45) 2-Fluorobiphenyl	8.95	172	863827	31.87	ng	-0.03
79) Terphenyl-d14	12.68	244	975145	28.01	ng	-0.03

Target Compounds				Qvalue		
3) Pyridine	2.81	79	283	0.014	ng	# 26
4) n-Nitrosodimethylamine	3.04	42	223	0.028	ng	# 1
6) Aniline	6.25	93	422	0.017	ng	# 1
9) Benzaldehyde	6.14	77	1887	0.156	ng	# 79
10) Phenol	6.24	94	7185	0.331	ng	# 71
11) bis(2-Chloroethyl)ether	6.36	93	1090	0.068	ng	# 1
12) 1,3-Dichlorobenzene	6.61	146	376	0.020	ng	# 59
13) 1,4-Dichlorobenzene	6.61	146	376	0.020	ng	# 75
14) 1,2-Dichlorobenzene	6.77	146	107	0.006	ng	# 24
15) Benzyl Alcohol	6.75	79	8807	0.653	ng	# 39
16) 2,2'-oxybis(1-Chloropropan	6.90	45	247	0.011	ng	# 67
17) 2-Methylphenol	6.75	107	119	0.008	ng	# 1
18) Hexachloroethane	7.11	117	1011	0.147	ng	# 38
19) n-Nitroso-di-n-propylamine	7.15	70	65267	5.503	ng	# 79
20) 3+4-Methylphenols	7.02	107	1635	0.100	ng	# 71
22) Acetophenone	7.00	105	1757	0.084	ng	# 95
24) Nitrobenzene	7.19	77	115	0.007	ng	# 35
25) Isophorone	7.15	82	495872	16.211	ng	# 63
27) 2,4-Dimethylphenol	7.54	122	115	0.009	ng	# 6
28) bis(2-Chloroethoxy)methane	7.88	93	235	0.012	ng	# 1
31) Naphthalene	7.90	128	30200	0.670	ng	# 96
32) Benzoic acid	7.68	122	291	0.031	ng	# 50
33) 4-Chloroaniline	7.90	127	3635	0.176	ng	# 34
35) Caprolactam	8.27	113	368	0.080	ng	# 65
36) 4-Chloro-3-methylphenol	8.45	107	127	0.009	ng	# 85
37) 2-Methylnaphthalene	8.59	142	15436	0.508	ng	# 97
38) 1-Methylnaphthalene	8.68	142	13902	0.479	ng	# 95
46) 1,1'-Biphenyl	9.05	154	6309	0.171	ng	# 99
47) 2-Chloronaphthalene	9.12	162	339	0.011	ng	# 39
48) 2-Nitroaniline	9.17	65	122	0.014	ng	# 1
49) Acenaphthylene	9.48	152	100665	2.162	ng	# 95
50) Dimethylphthalate	9.35	163	138767	4.097	ng	# 99
51) 2,6-Dinitrotoluene	9.62	165	60181	7.696	ng	# 29
52) Acenaphthene	9.65	154	27703	0.951	ng	# 99

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TRIANGLE-AREA-SOIL-A

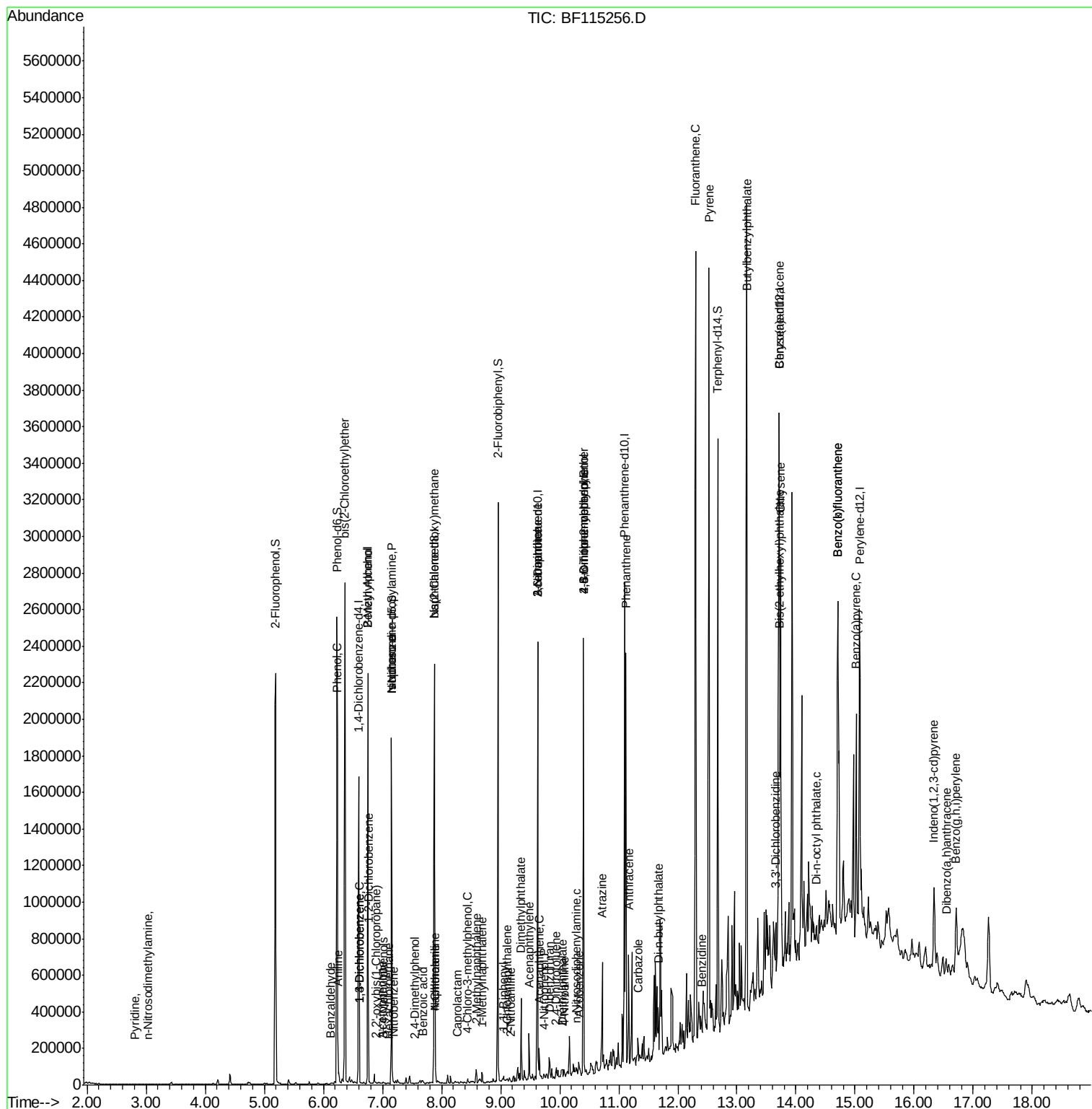
Quant Time: Jun 28 05:04:33 2019
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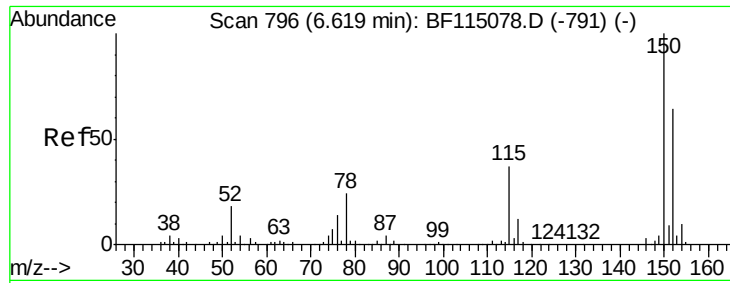
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) 3-Nitroaniline	9.62	138	132	0.014	ng	# 1
55) Dibenzofuran	9.82	168	28746	0.688	ng	# 96
56) 4-Nitrophenol	9.73	139	653	0.085	ng	# 26
57) 2,4-Dinitrotoluene	9.93	165	3096	0.307	ng	# 44
58) Fluorene	10.17	166	51379	Below Cal		95
60) Diethylphthalate	10.05	149	3486	0.102	ng	# 73
61) 4-Chlorophenyl-phenylether	10.40	204	108	Below Cal	#	1
62) 4-Nitroaniline	10.08	138	860	0.090	ng	87
63) Azobenzene	10.32	77	1660	0.052	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.40	198	560	5.062	ng	# 1
66) n-Nitrosodiphenylamine	10.28	169	8244	0.285	ng	99
67) 4-Bromophenyl-phenylether	10.40	248	16051	1.597	ng	# 1
69) Atrazine	10.72	200	595	0.064	ng	# 59
71) Phenanthrene	11.12	178	727866	14.579	ng	97
72) Anthracene	11.17	178	209289	4.153	ng	98
73) Carbazole	11.32	167	56118	1.247	ng	99
74) Di-n-butylphthalate	11.67	149	19313	0.371	ng	# 85
75) Fluoranthene	12.30	202	1701448	34.156	ng	98
77) Benzidine	12.41	184	1701	0.052	ng	# 1
78) Pyrene	12.52	202	1696510	29.828	ng	98
80) Butylbenzylphthalate	13.17	149	1115421	44.439	ng	92
81) Benzo(a)anthracene	13.71	228	728150	13.712	ng	97
82) 3,3'-Dichlorobenzidine	13.65	252	620	0.032	ng	# 27
83) Chrysene	13.74	228	907659	18.659	ng	97
84) Bis(2-ethylhexyl)phthalate	13.73	149	39957	1.215	ng	# 90
85) Di-n-octyl phthalate	14.34	149	2666	0.048	ng	# 46
86) Indeno(1,2,3-cd)pyrene	16.34	276	288568	5.013	ng	95
88) Benzo(b)fluoranthene	14.71	252	1246697	28.675	ng	98
89) Benzo(k)fluoranthene	14.71	252	1246697	31.975	ng	99
90) Benzo(a)pyrene	15.02	252	546196	13.938	ng	98
91) Dibenzo(a,h)anthracene	16.54	278	64516	1.764	ng	91
92) Benzo(g,h,i)perylene	16.71	276	256952	6.940	ng	97

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

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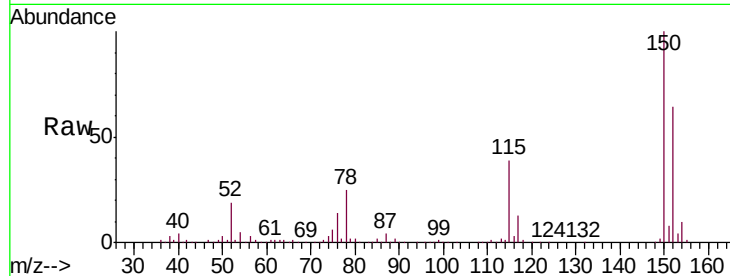


#1

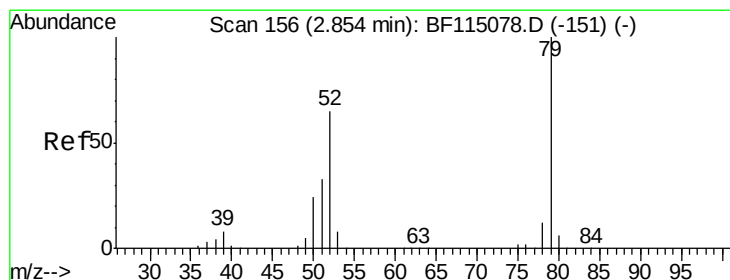
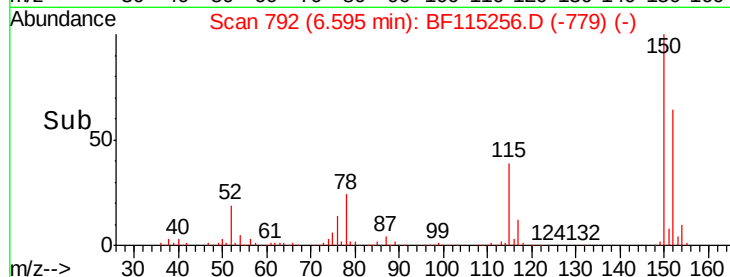
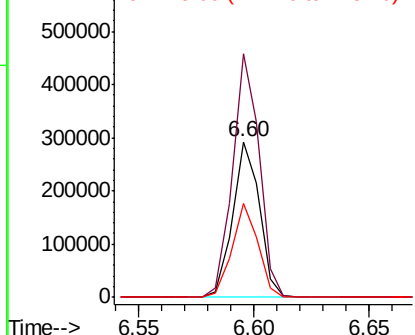
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.60 min Scan# 792
 Delta R.T. -0.02 min
 Lab File: BF115256.D
 Acq: 28 Jun 2019 1:21

Instrument :
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Tgt Ion: 152 Resp: 235527
 Ion Ratio Lower Upper
 152 100
 150 156.2 124.2 186.2
 115 60.5 46.1 69.1



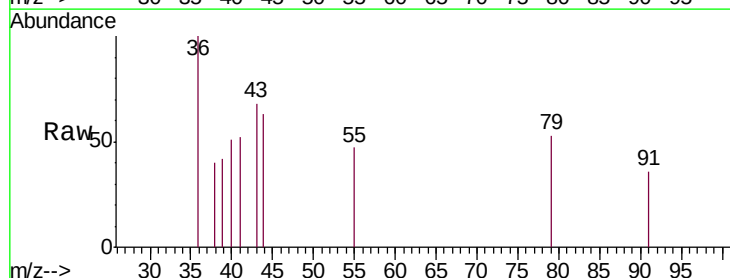
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



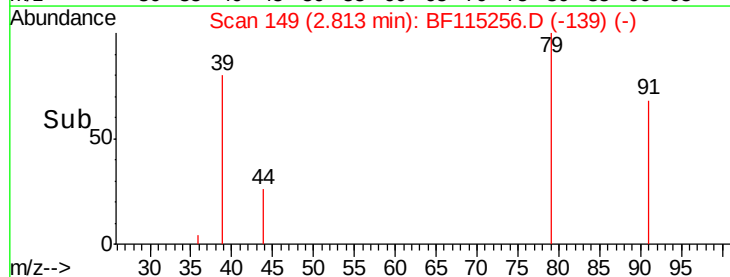
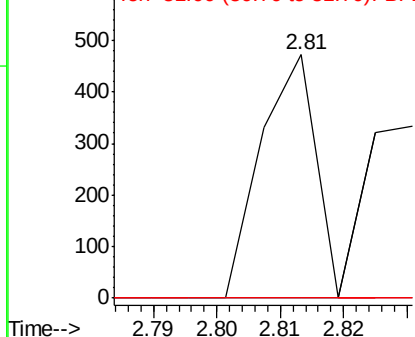
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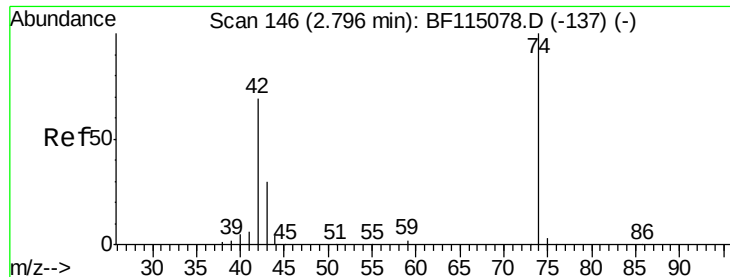
Pyridine
 Concen: 0.014 ng
 RT: 2.81 min Scan# 149
 Delta R.T. -0.04 min
 Lab File: BF115256.D
 Acq: 28 Jun 2019 1:21

Tgt Ion: 79 Resp: 283
 Ion Ratio Lower Upper
 79 100
 52 0.0 52.3 78.5#
 51 0.0 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



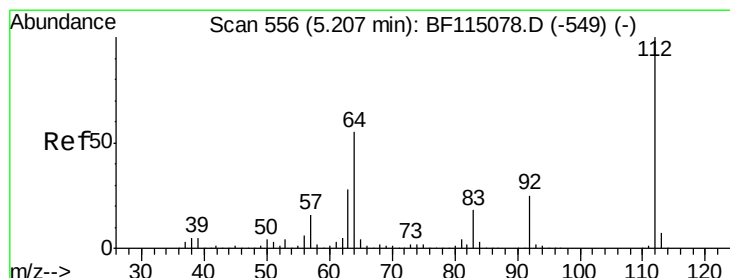
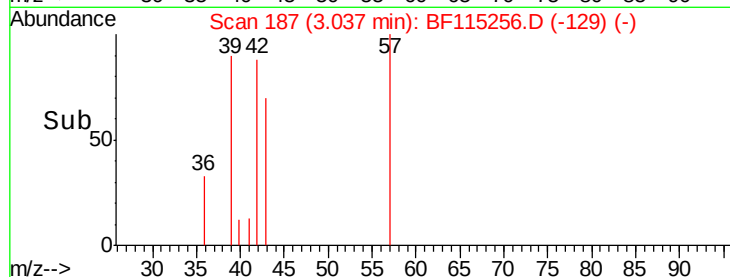
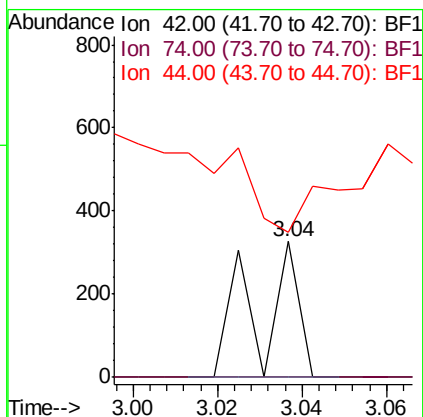
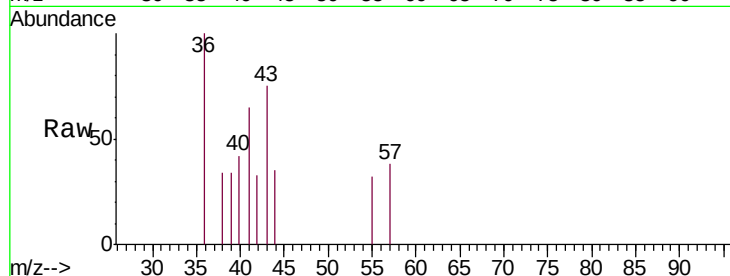


#4

n-Nitrosodimethylamine
 Concen: 0.028 ng
 RT: 3.04 min Scan# 187
 Delta R.T. 0.24 min
 Lab File: BF115256.D
 Acq: 28 Jun 2019 1:21

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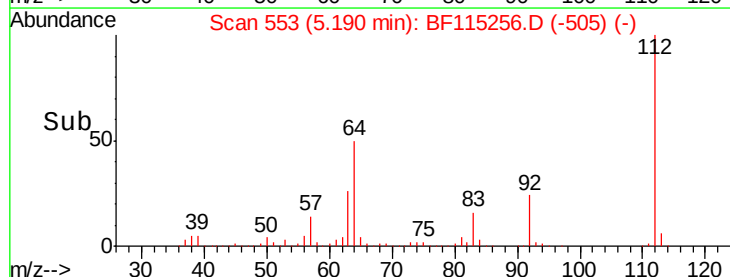
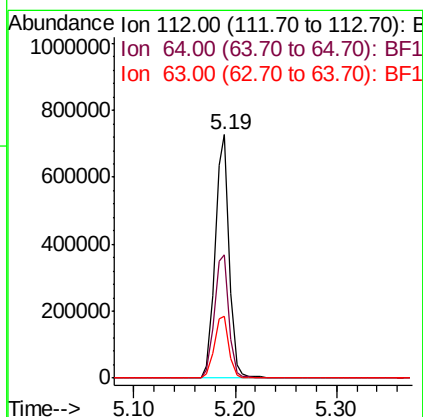
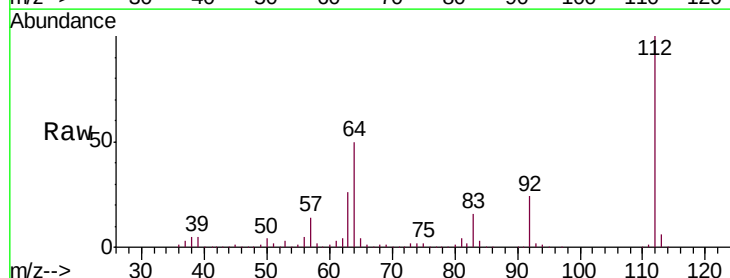
Tgt Ion: 42 Resp: 223
 Ion Ratio Lower Upper
 42 100
 74 0.0 116.6 175.0#
 44 107.4 5.3 7.9#

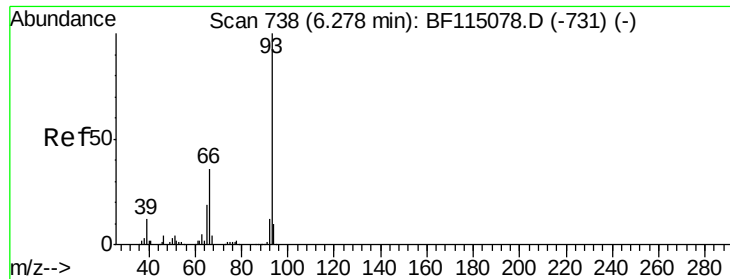


#5

2-Fluorophenol
 Concen: 45.811 ng
 RT: 5.19 min Scan# 553
 Delta R.T. -0.02 min
 Lab File: BF115256.D
 Acq: 28 Jun 2019 1:21

Tgt Ion: 112 Resp: 699186
 Ion Ratio Lower Upper
 112 100
 64 50.4 43.8 65.6
 63 25.6 22.2 33.4





#6

Aniline

Concen: 0.017 ng

RT: 6.25 min Scan# 733

Delta R.T. -0.03 min

Lab File: BF115256.D

Acq: 28 Jun 2019 1:21

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-A

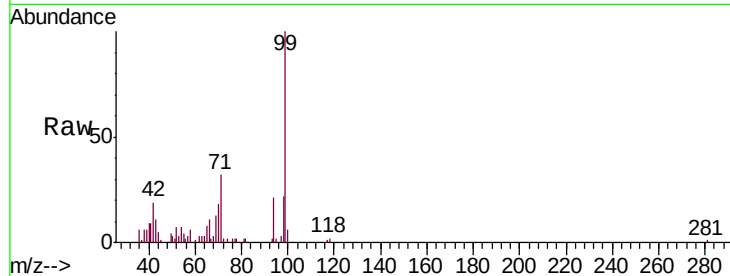
Tgt Ion: 93 Resp: 422

Ion Ratio Lower Upper

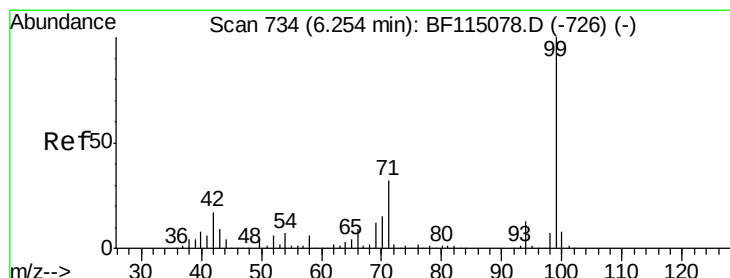
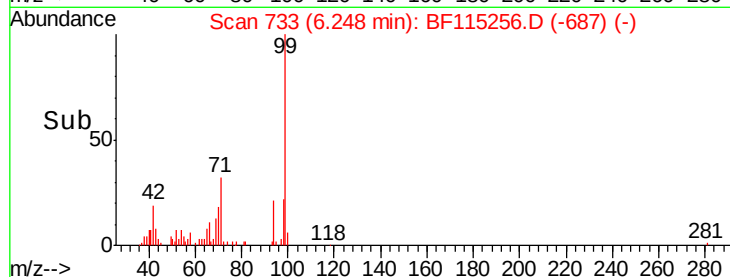
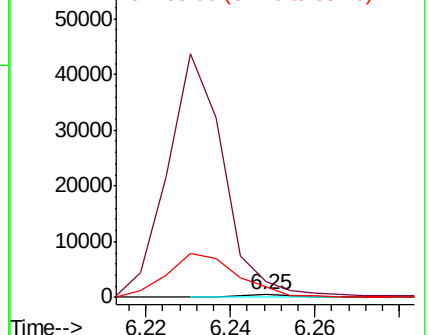
93 100

66 655.1 30.0 45.0#

65 475.4 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: 47.615 ng

RT: 6.23 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF115256.D

Acq: 28 Jun 2019 1:21

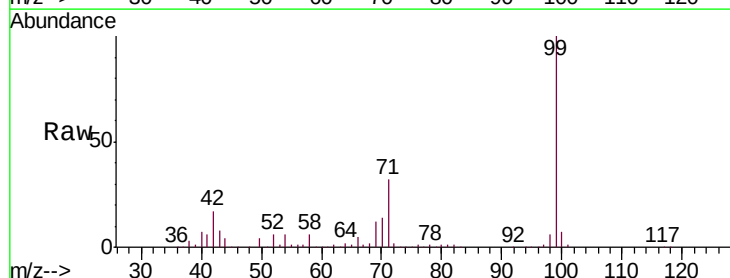
Tgt Ion: 99 Resp: 882067

Ion Ratio Lower Upper

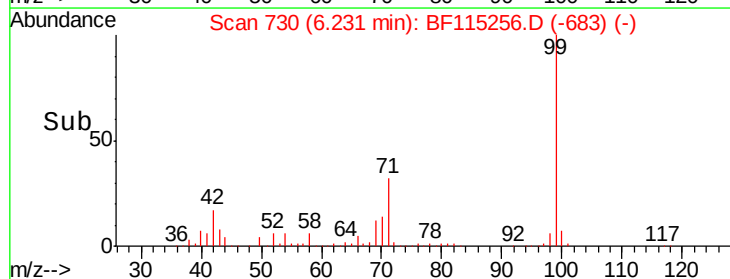
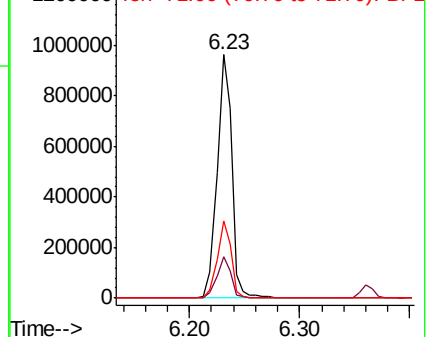
99 100

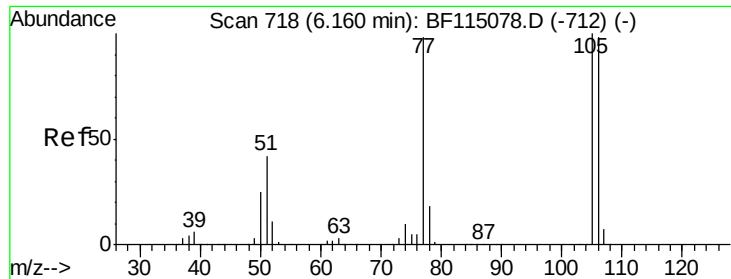
42 17.0 13.6 20.4

71 31.7 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





#9

Benzaldehyde

Concen: 0.156 ng

RT: 6.14 min Scan# 714

Delta R.T. -0.02 min

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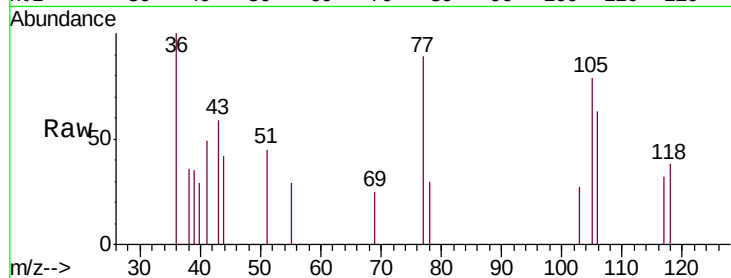
Tgt Ion: 77 Resp: 1887

Ion Ratio Lower Upper

77 100

105 88.8 81.5 121.5

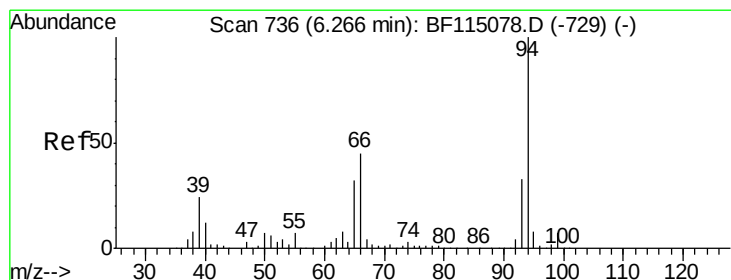
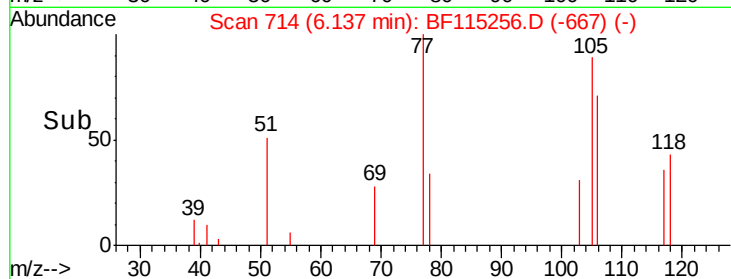
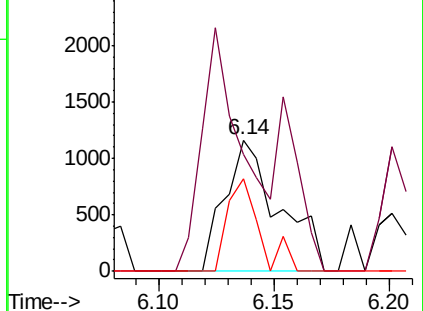
106 70.9 79.7 119.7#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 0.331 ng

RT: 6.24 min Scan# 732

Delta R.T. -0.02 min

Lab File: BF115256.D

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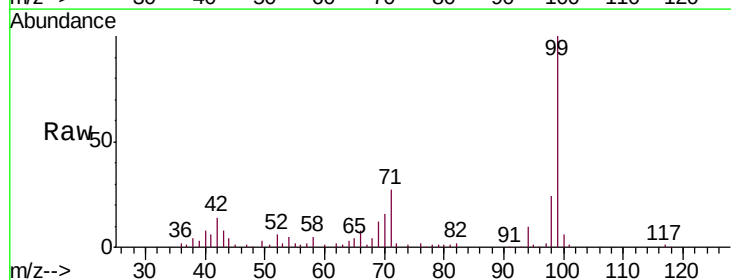
Tgt Ion: 94 Resp: 7185

Ion Ratio Lower Upper

94 100

65 35.2 11.9 51.9

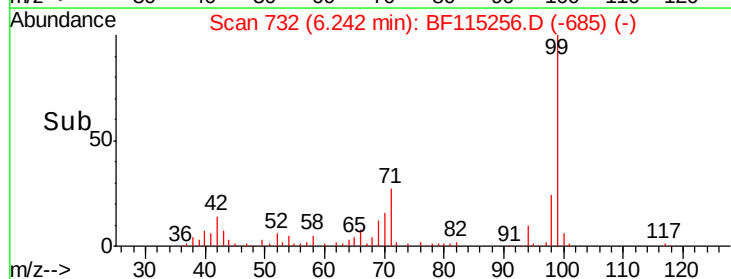
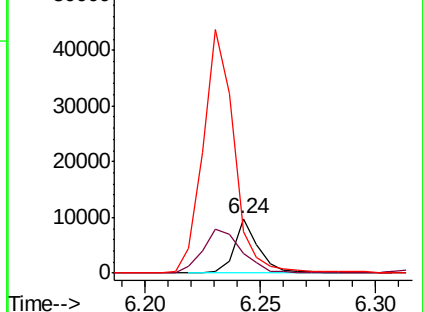
66 75.3 25.2 65.2#

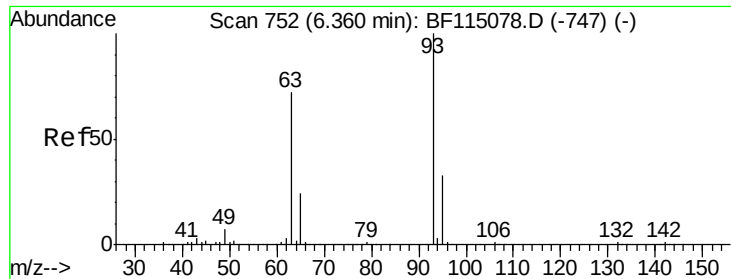


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

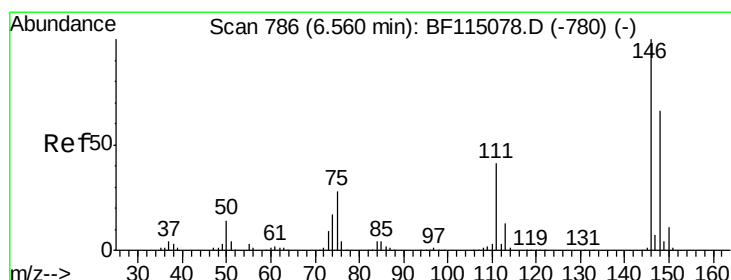
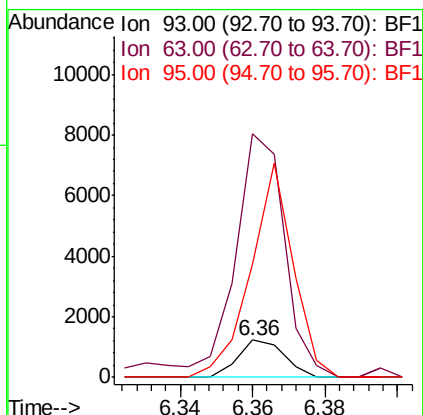
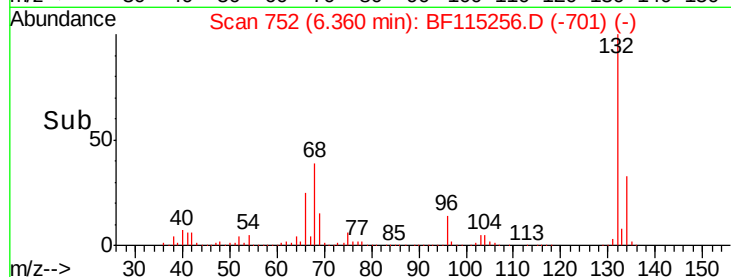
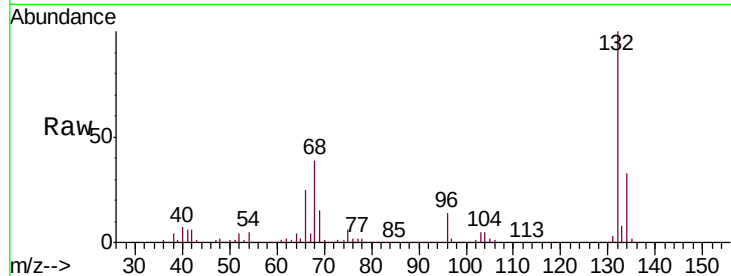




#11
bis(2-Chloroethyl)ether
Concen: 0.068 ng
RT: 6.36 min Scan# 752
Delta R.T. -0.00 min
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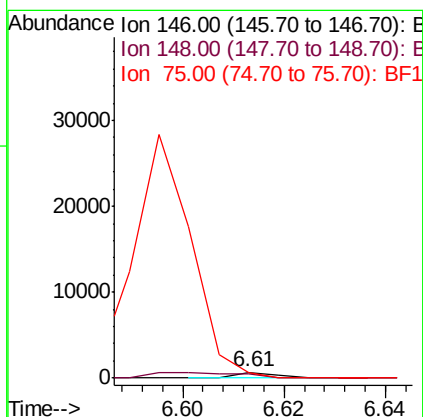
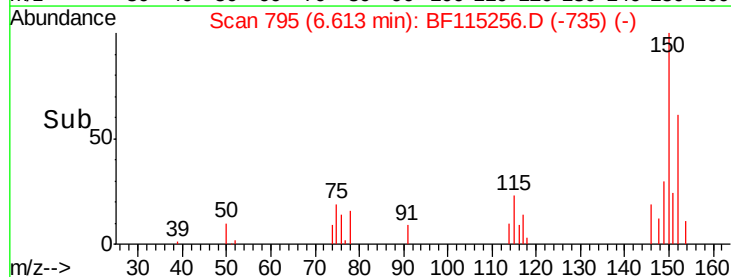
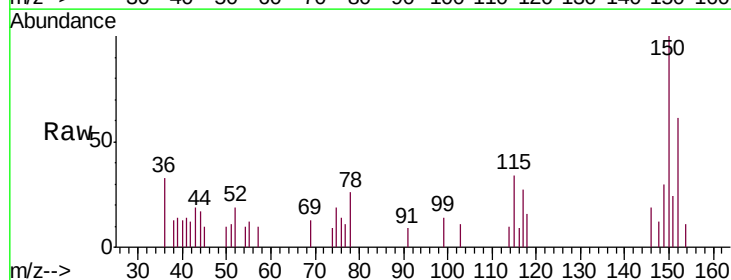
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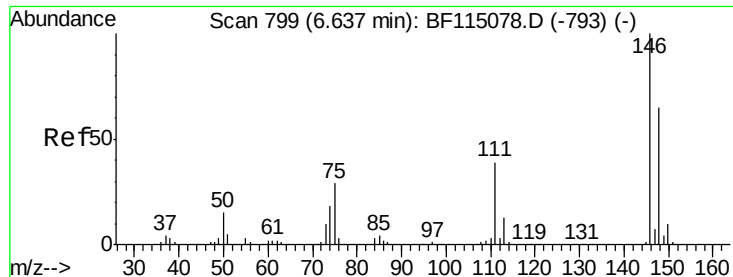
Tgt Ion: 93 Resp: 1090
Ion Ratio Lower Upper
93 100
63 652.7 51.5 91.5#
95 304.5 13.4 53.4#



#12
1,3-Dichlorobenzene
Concen: 0.020 ng
RT: 6.61 min Scan# 795
Delta R.T. 0.05 min
Lab File: BF115256.D
Acq: 28 Jun 2019 1:21

Tgt Ion: 146 Resp: 376
Ion Ratio Lower Upper
146 100
148 66.0 52.6 78.8
75 99.2 22.6 34.0#

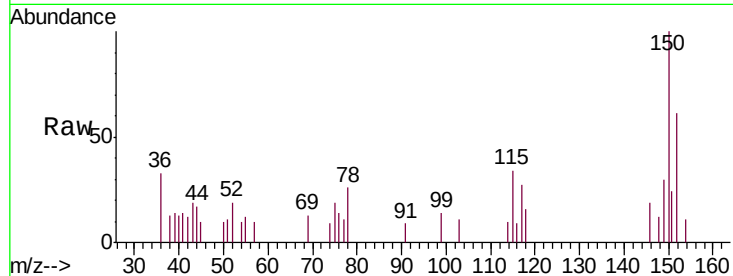




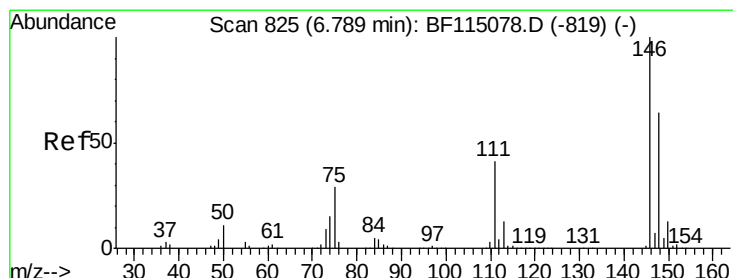
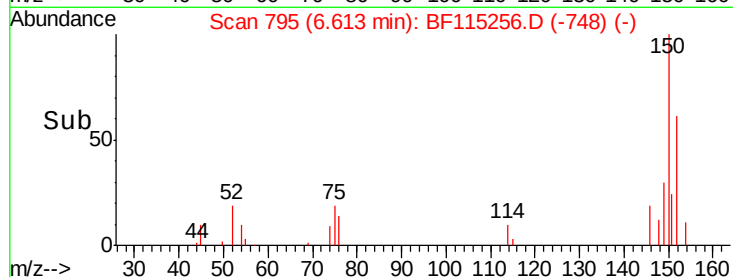
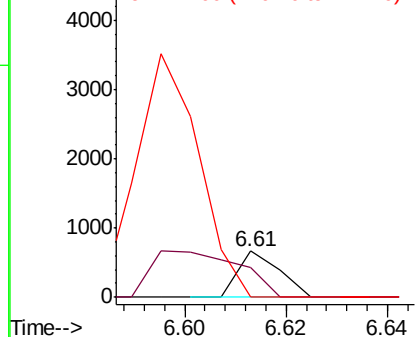
#13
 1,4-Dichlorobenzene
 Concen: 0.020 ng
 RT: 6.61 min Scan# 795
 Delta R.T. -0.02 min
 Lab File: BF115256.D
 Acq: 28 Jun 2019 1:21

Instrument :
 BNA_F
 ClientSampleId :
 TRIANGLE-AREA-SOIL-A

Tgt Ion:146 Resp: 376
 Ion Ratio Lower Upper
 146 100
 148 66.0 51.9 77.9
 111 0.0 31.4 47.0#

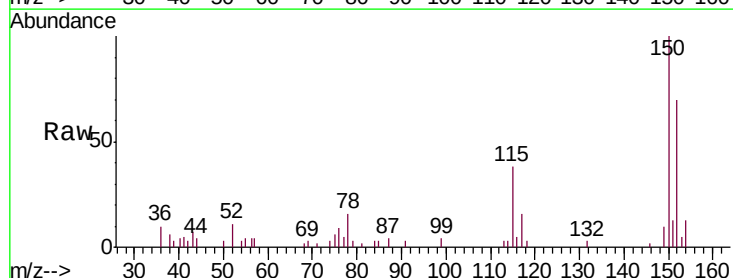


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

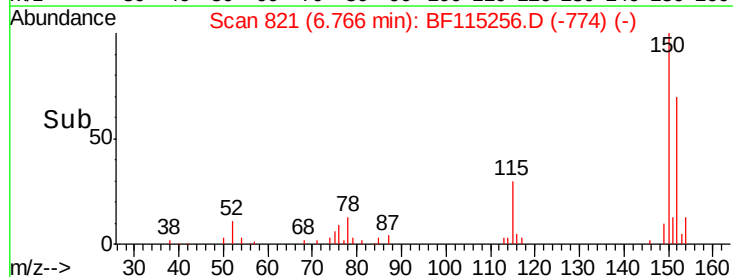
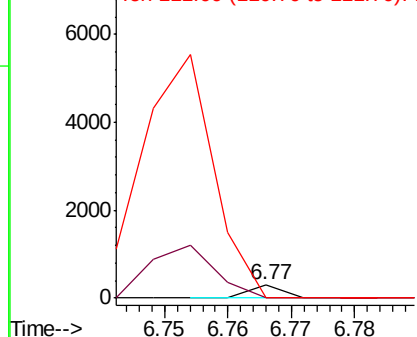


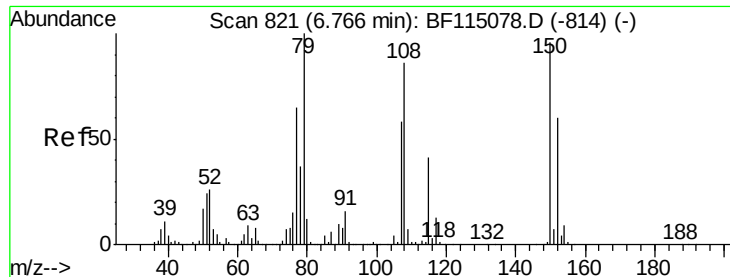
#14
 1,2-Dichlorobenzene
 Concen: 0.006 ng
 RT: 6.77 min Scan# 821
 Delta R.T. -0.02 min
 Lab File: BF115256.D
 Acq: 28 Jun 2019 1:21

Tgt Ion:146 Resp: 107
 Ion Ratio Lower Upper
 146 100
 148 0.0 51.1 76.7#
 111 0.0 33.2 49.8#



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





#15

Benzyl Alcohol

Concen: 0.653 ng

RT: 6.75 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF115256.D

Acq: 28 Jun 2019 1:21

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-A

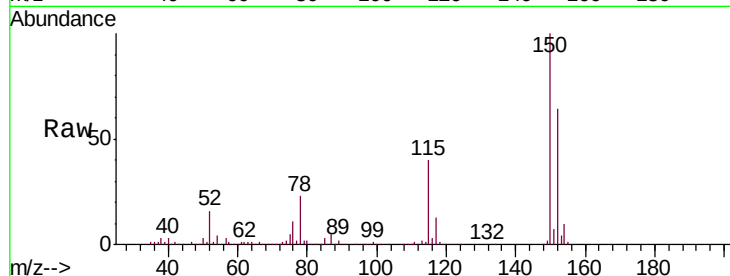
Tgt Ion: 79 Resp: 8807

Ion Ratio Lower Upper

79 100

108 29.2 68.7 103.1#

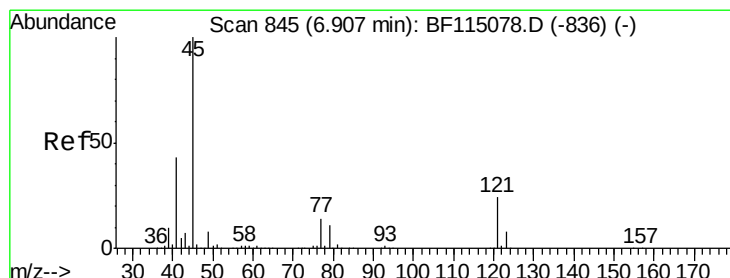
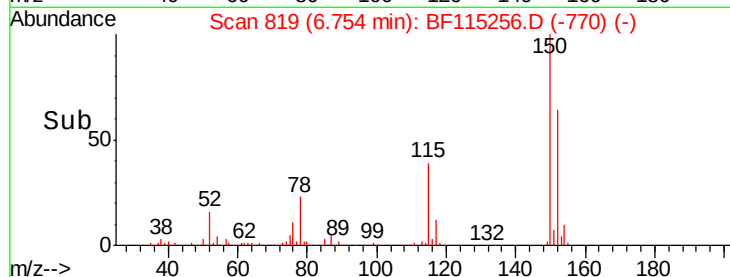
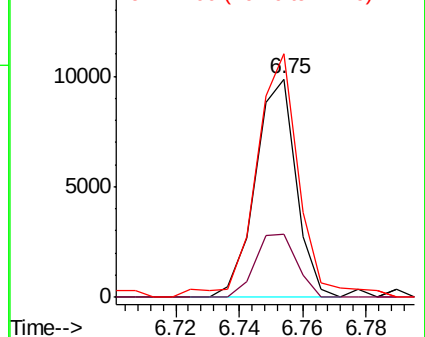
77 111.6 51.7 77.5#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 0.011 ng

RT: 6.90 min Scan# 843

Delta R.T. -0.01 min

Lab File: BF115256.D

Acq: 28 Jun 2019 1:21

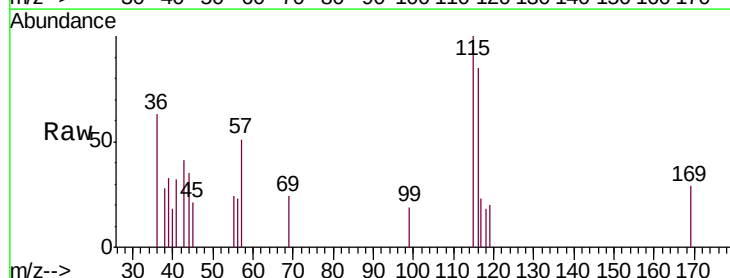
Tgt Ion: 45 Resp: 247

Ion Ratio Lower Upper

45 100

77 0.0 0.0 34.6

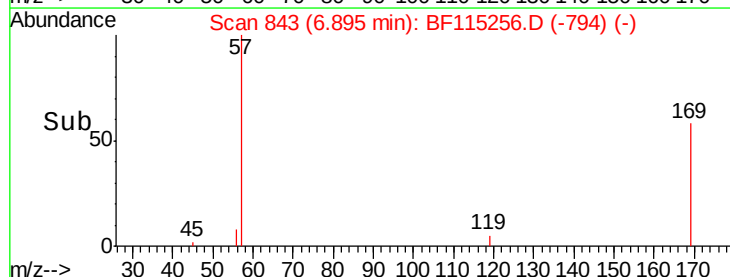
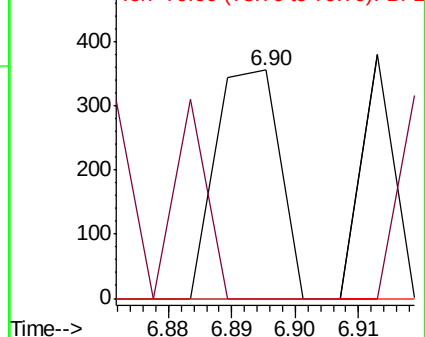
79 0.0 0.0 31.2

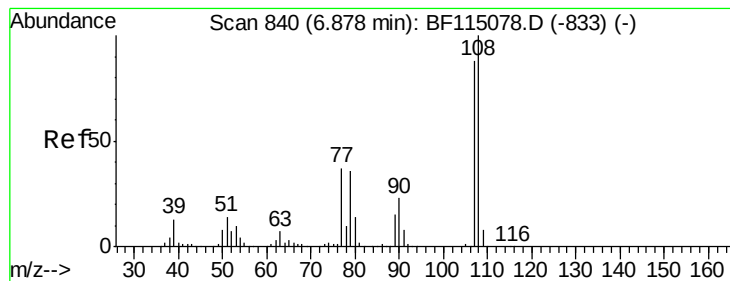


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 0.008 ng

RT: 6.75 min Scan# 818

Delta R.T. -0.13 min

Lab File: BF115256.D

Acq: 28 Jun 2019 1:21

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-A

Tgt Ion:107 Resp: 119

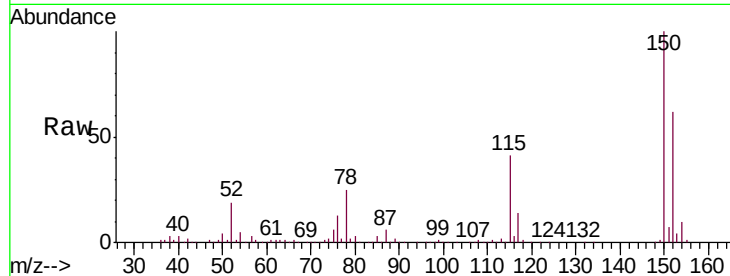
Ion Ratio Lower Upper

107 100

108 833.8 90.9 136.3#

77 2698.2 33.4 50.2#

79 2611.9 32.3 48.5#

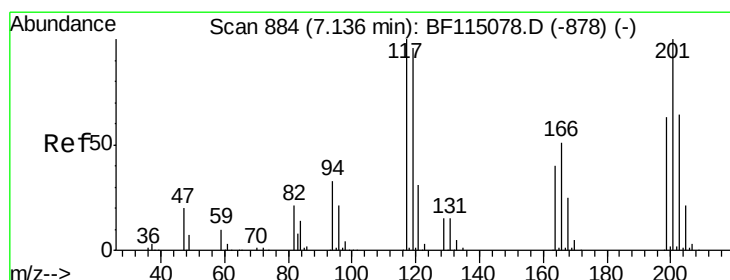
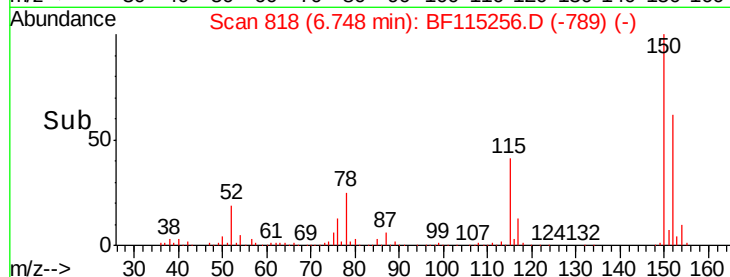
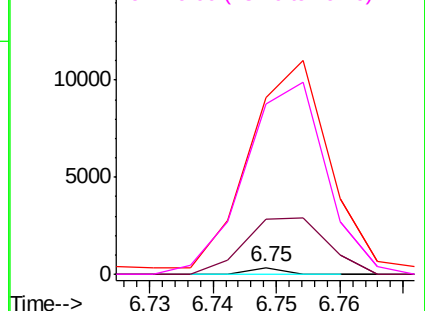


Abundance Ion 107.00 (106.70 to 107.70): E

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: 0.147 ng

RT: 7.11 min Scan# 879

Delta R.T. -0.03 min

Lab File: BF115256.D

Acq: 28 Jun 2019 1:21

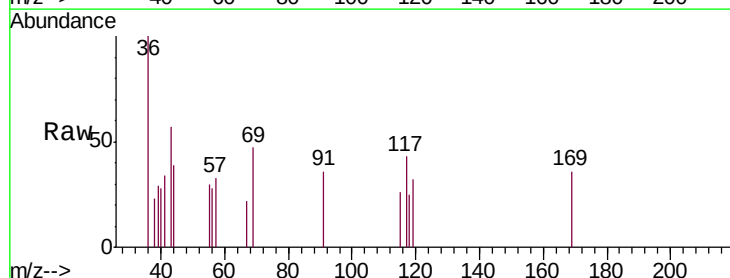
Tgt Ion:117 Resp: 1011

Ion Ratio Lower Upper

117 100

119 73.7 76.6 114.8#

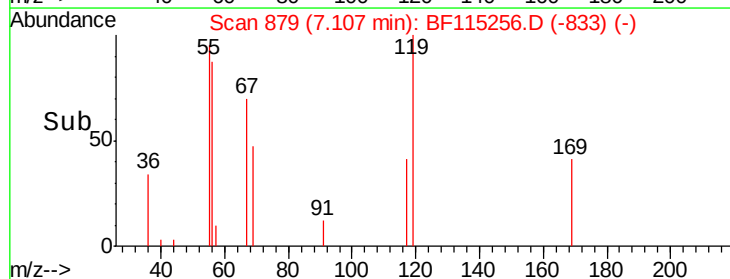
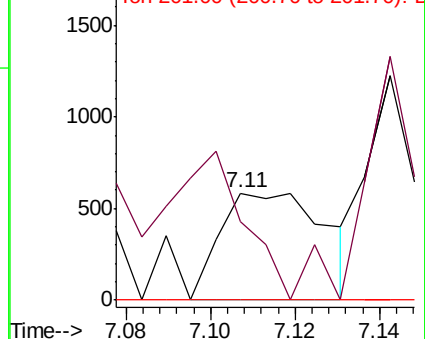
201 0.0 80.2 120.2#

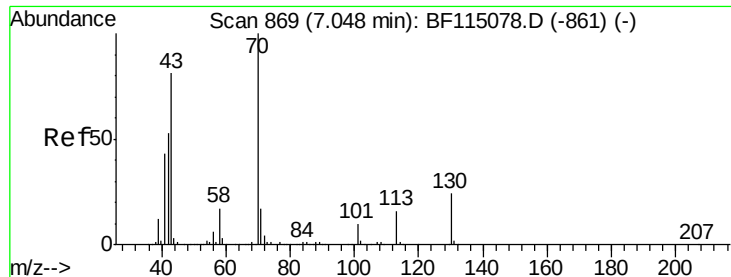


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

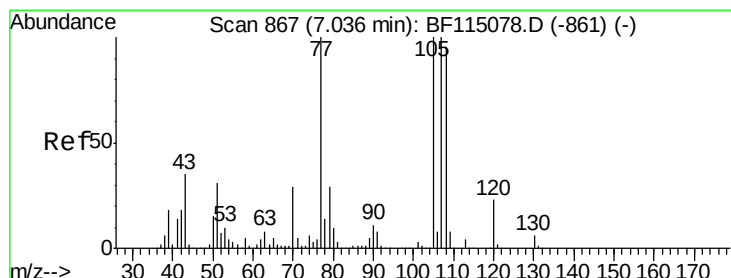
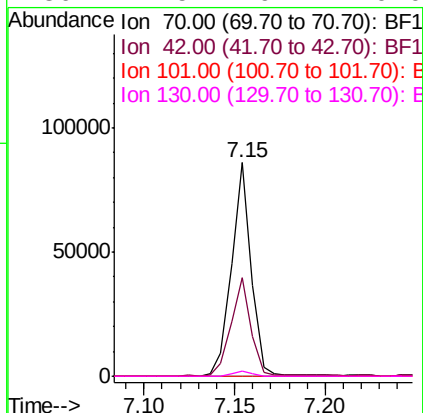
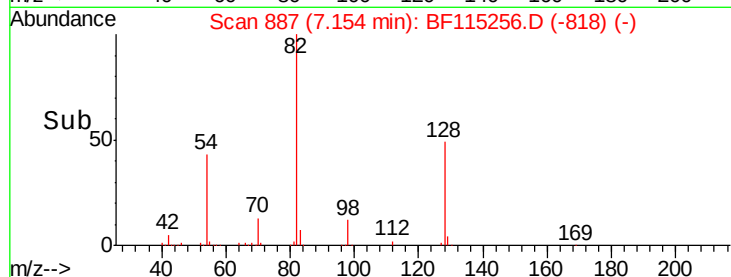
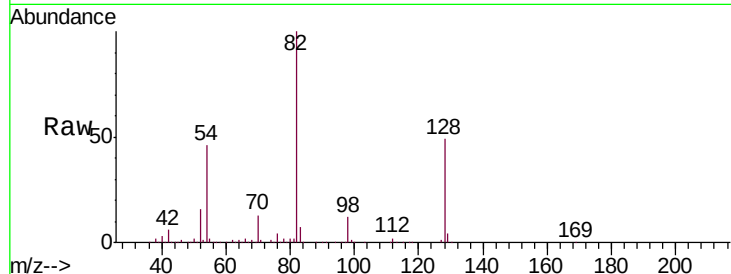




#19
n-Nitroso-di-n-propylamine
Concen: 5.503 ng
RT: 7.15 min Scan# 887
Delta R.T. 0.11 min
Lab File: BF115256.D
Acq: 28 Jun 2019 1:21

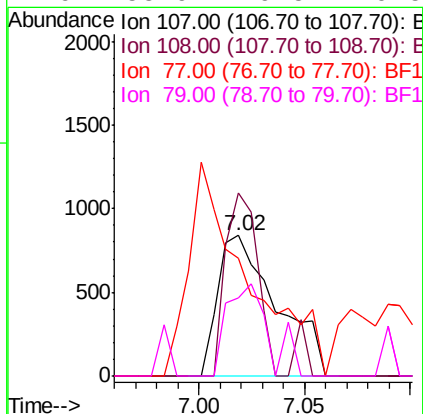
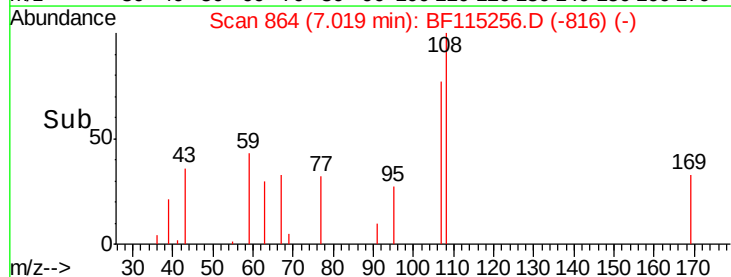
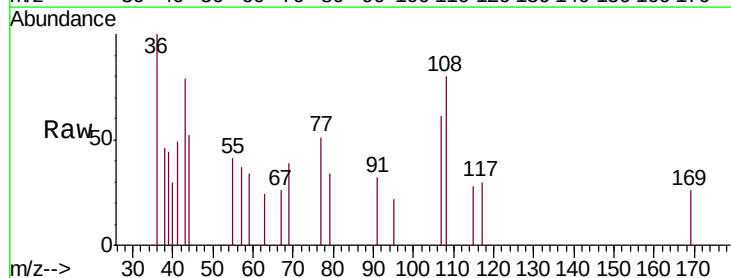
Instrument :
BNA_F
ClientSampleId :
TRIANGLE-AREA-SOIL-A

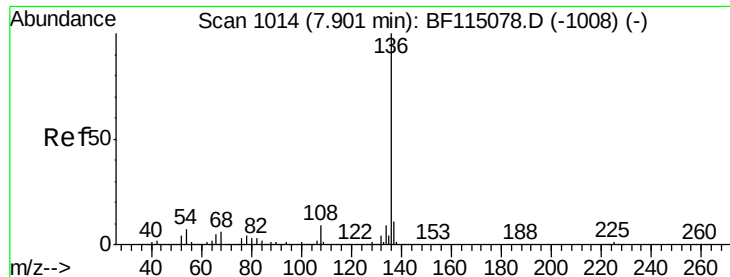
Tgt Ion	Ratio	Lower	Upper
70	100		
42	46.0	42.6	63.8
101	0.0	8.0	12.0#
130	2.5	19.4	29.0#



#20
3+4-Methylphenols
Concen: 0.100 ng
RT: 7.02 min Scan# 864
Delta R.T. -0.02 min
Lab File: BF115256.D
Acq: 28 Jun 2019 1:21

Tgt Ion	Ratio	Lower	Upper
107	100		
108	130.6	75.5	115.5#
77	84.4	80.2	120.2
79	55.9	9.5	49.5#

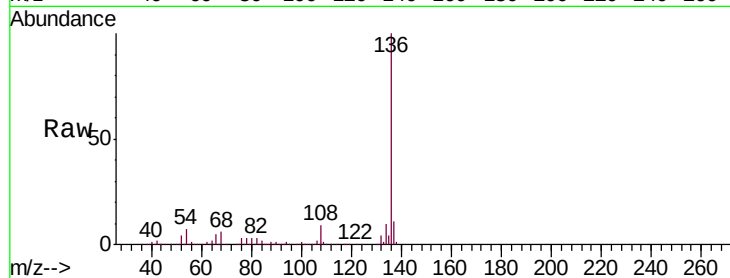




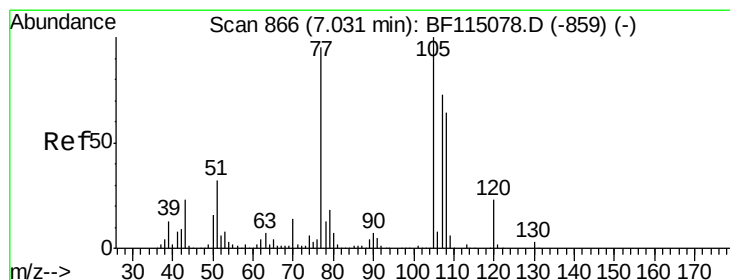
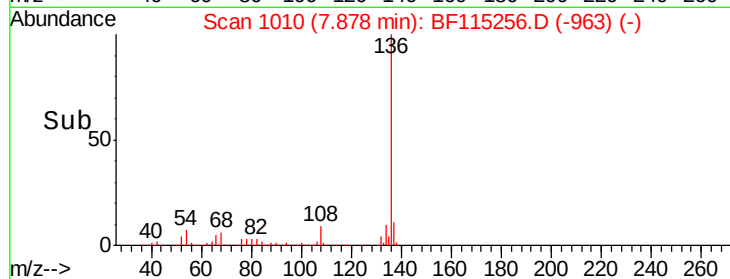
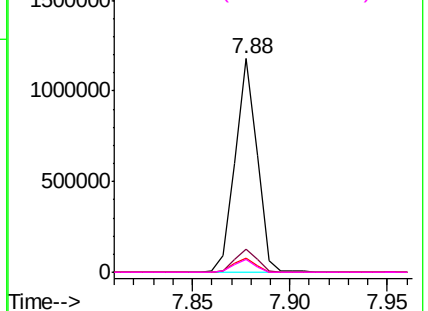
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BF115256.D
Acq: 28 Jun 2019 1:21

Instrument :
BNA_F
ClientSampleId :
TRIANGLE-AREA-SOIL-A

Tgt Ion:	136	Resp:	918545
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.9	5.6	8.4
68	6.0	4.8	7.2

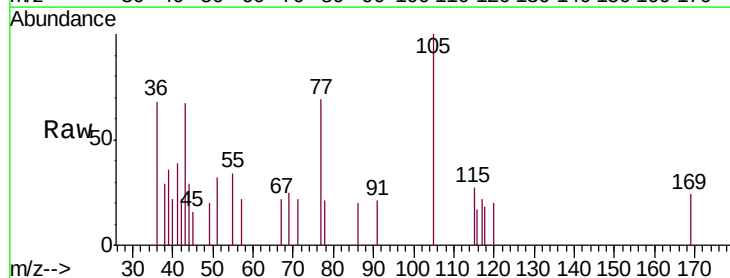


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

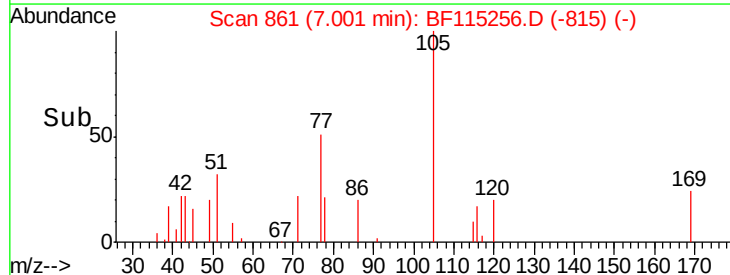
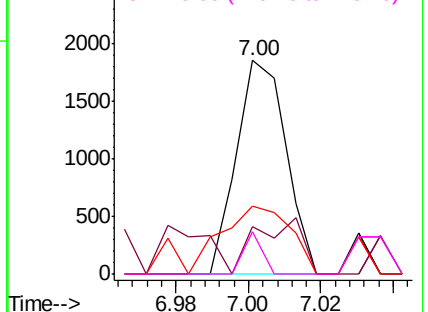


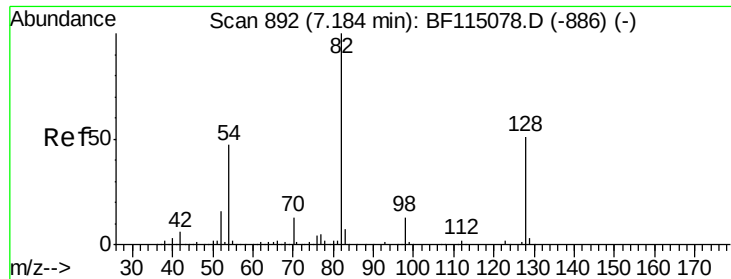
#22
Acetophenone
Concen: 0.084 ng
RT: 7.00 min Scan# 861
Delta R.T. -0.03 min
Lab File: BF115256.D
Acq: 28 Jun 2019 1:21

Tgt Ion:	105	Resp:	1757
Ion	Ratio	Lower	Upper
105	100		
71	22.2	1.9	2.9#
51	32.0	25.8	38.8
120	19.9	18.5	27.7



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

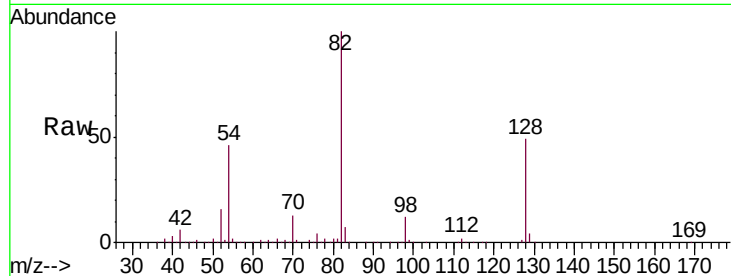




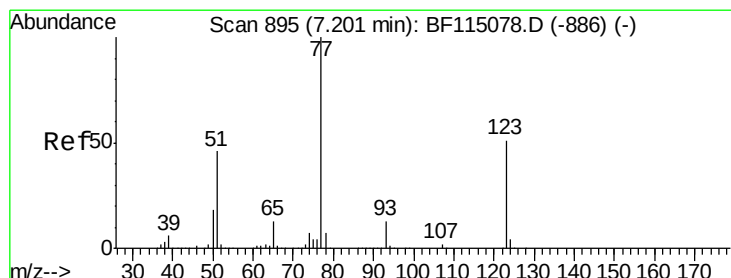
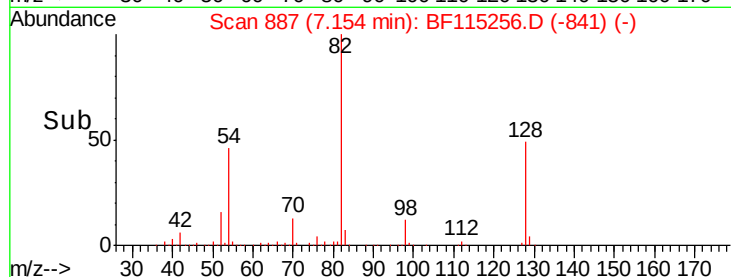
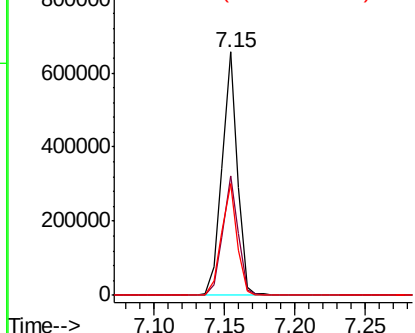
#23
Nitrobenzene-d5
Concen: 33.525 ng
RT: 7.15 min Scan# 887
Delta R.T. -0.03 min
Lab File: BF115256.D
Acq: 28 Jun 2019 1:21

Instrument :
BNA_F
ClientSampleId :
TRIANGLE-AREA-SOIL-A

Tgt Ion: 82 Resp: 500588
Ion Ratio Lower Upper
82 100
128 49.0 40.4 60.6
54 46.1 37.5 56.3

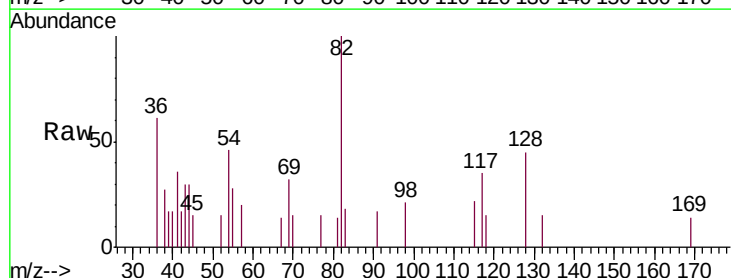


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

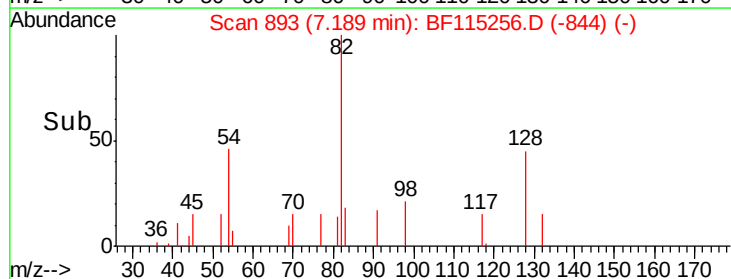
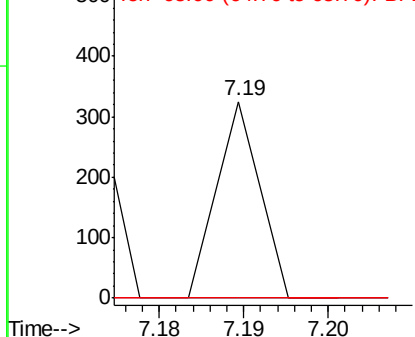


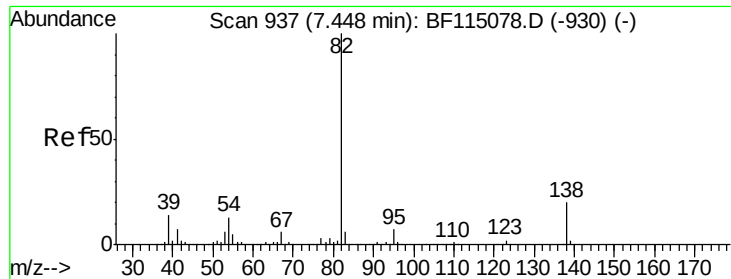
#24
Nitrobenzene
Concen: 0.007 ng
RT: 7.19 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF115256.D
Acq: 28 Jun 2019 1:21

Tgt Ion: 77 Resp: 115
Ion Ratio Lower Upper
77 100
123 0.0 41.0 61.6#
65 0.0 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: 16.211 ng

RT: 7.15 min Scan# 887

Delta R.T. -0.29 min

Lab File: BF115256.D

Acq: 28 Jun 2019 1:21

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-A

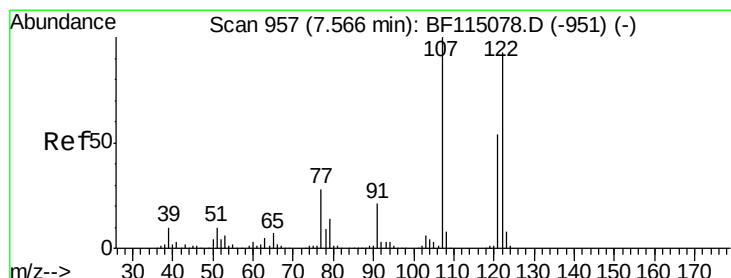
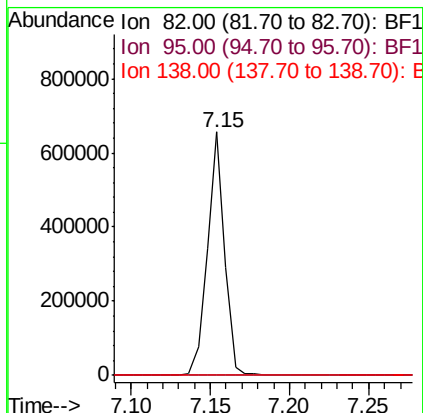
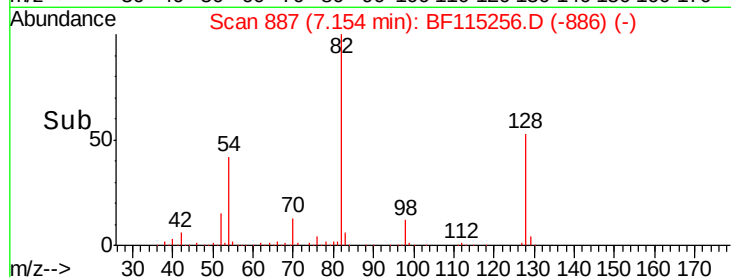
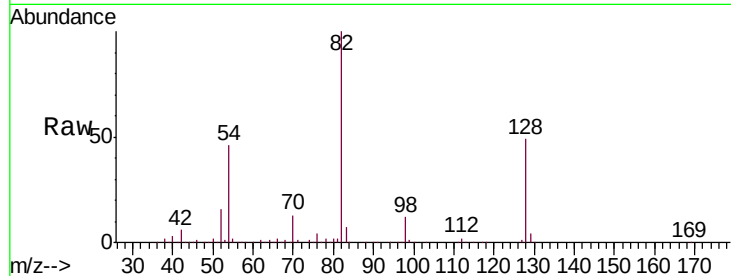
Tgt Ion: 82 Resp: 495872

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

138 0.0 15.9 23.9#



#27

2,4-Dimethylphenol

Concen: 0.009 ng

RT: 7.54 min Scan# 953

Delta R.T. -0.02 min

Lab File: BF115256.D

Acq: 28 Jun 2019 1:21

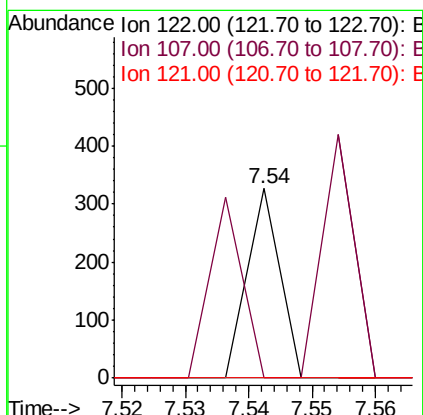
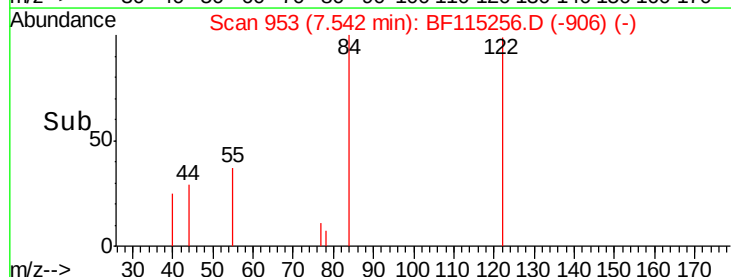
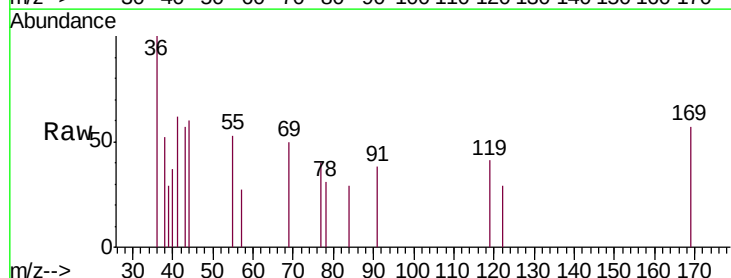
Tgt Ion: 122 Resp: 115

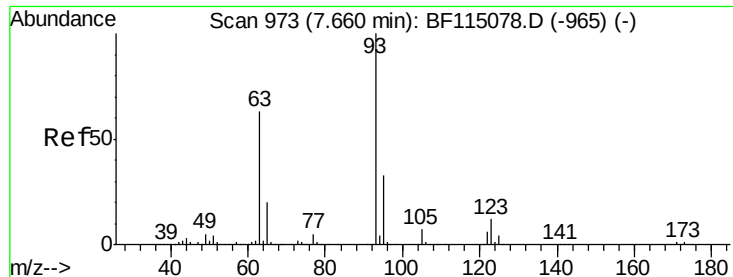
Ion Ratio Lower Upper

122 100

107 0.0 85.8 128.6#

121 0.0 46.3 69.5#

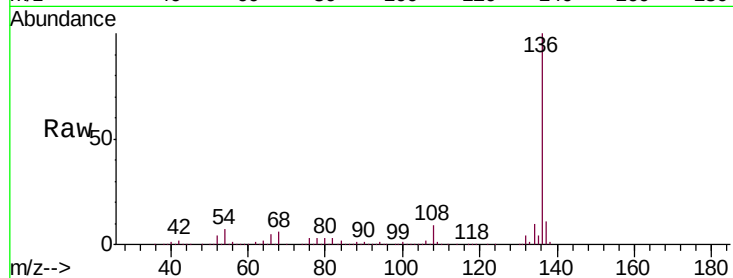




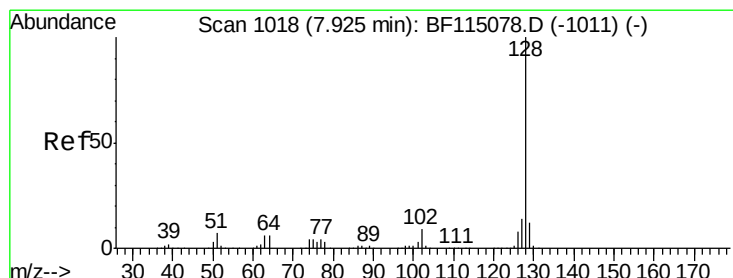
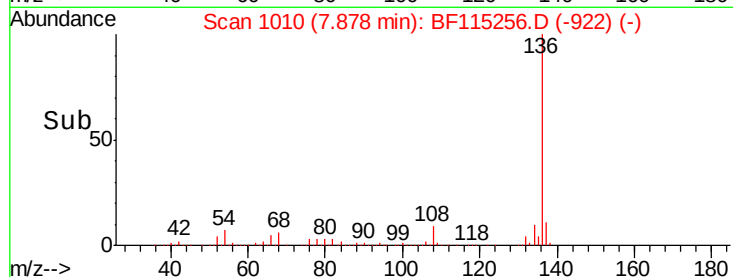
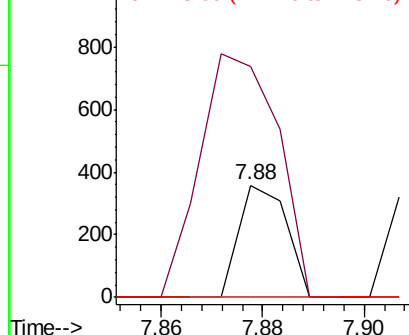
#28
bis(2-Chloroethoxy)methane
Concen: 0.012 ng
RT: 7.88 min Scan# 1010
Delta R.T. 0.22 min
Lab File: BF115256.D
Acq: 28 Jun 2019 1:21

Instrument :
BNA_F
ClientSampleId :
TRIANGLE-AREA-SOIL-A

Tgt Ion: 93 Resp: 235
Ion Ratio Lower Upper
93 100
95 205.6 26.2 39.4#
123 0.0 9.7 14.5#

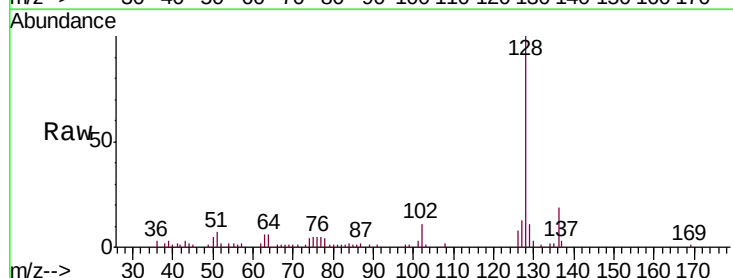


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): BF1

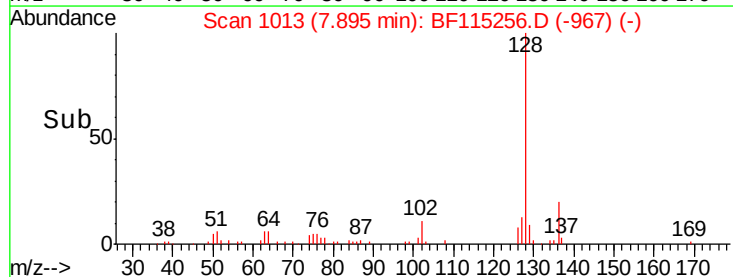
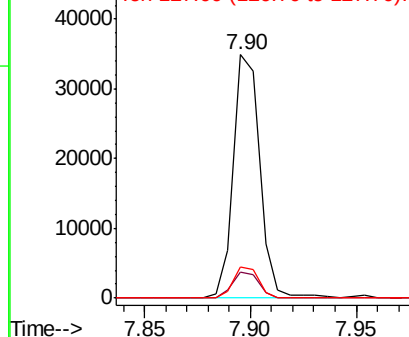


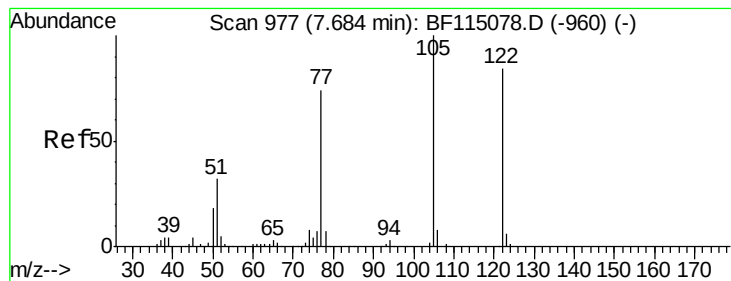
#31
Naphthalene
Concen: 0.670 ng
RT: 7.90 min Scan# 1013
Delta R.T. -0.03 min
Lab File: BF115256.D
Acq: 28 Jun 2019 1:21

Tgt Ion: 128 Resp: 30200
Ion Ratio Lower Upper
128 100
129 10.6 9.6 14.4
127 12.5 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: 0.031 ng

RT: 7.68 min Scan# 976

Delta R.T. -0.01 min

Lab File: BF115256.D

Acq: 28 Jun 2019 1:21

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-A

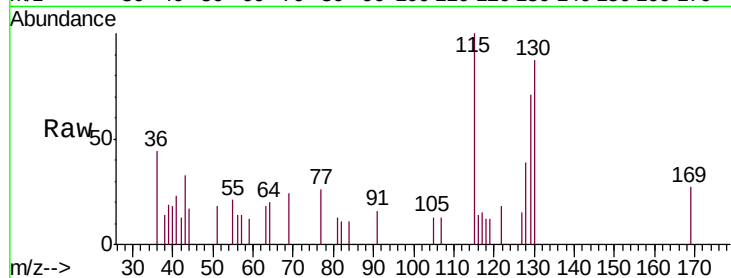
Tgt Ion:122 Resp: 291

Ion Ratio Lower Upper

122 100

105 68.4 98.2 138.2#

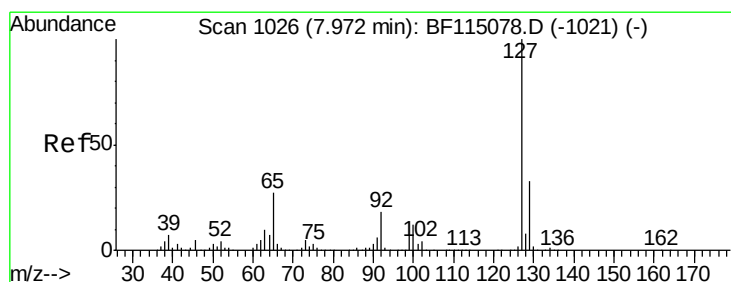
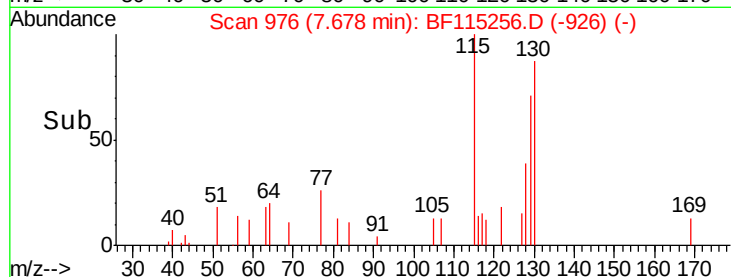
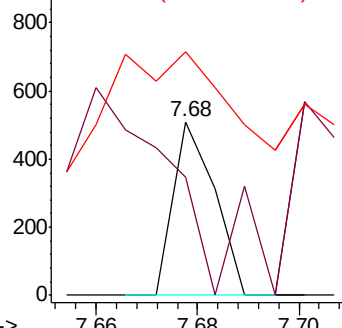
77 140.3 67.0 107.0#



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: 0.176 ng

RT: 7.90 min Scan# 1013

Delta R.T. -0.08 min

Lab File: BF115256.D

Acq: 28 Jun 2019 1:21

Tgt Ion:127 Resp: 3635

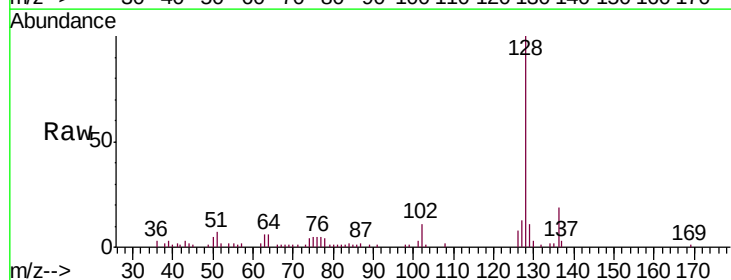
Ion Ratio Lower Upper

127 100

129 84.6 26.1 39.1#

65 0.0 21.4 32.2#

92 0.0 14.1 21.1#

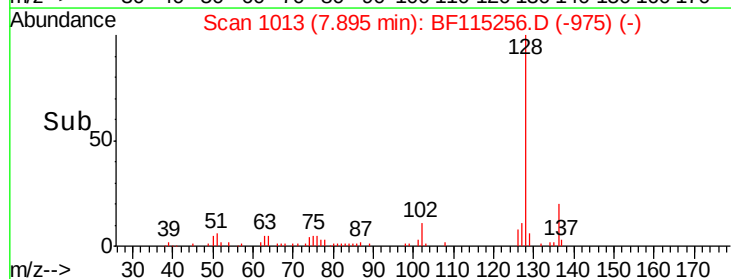
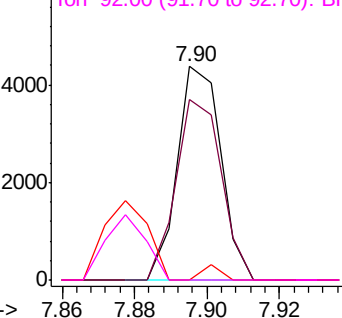


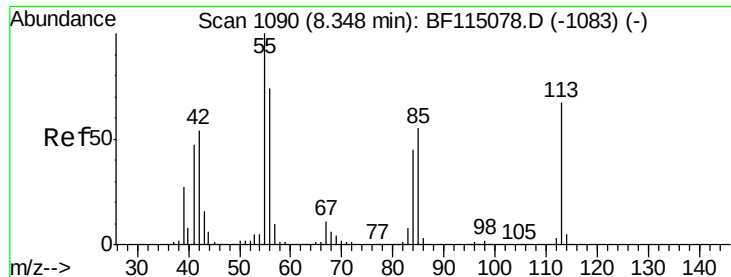
Abundance Ion 127.00 (126.70 to 127.70): E

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

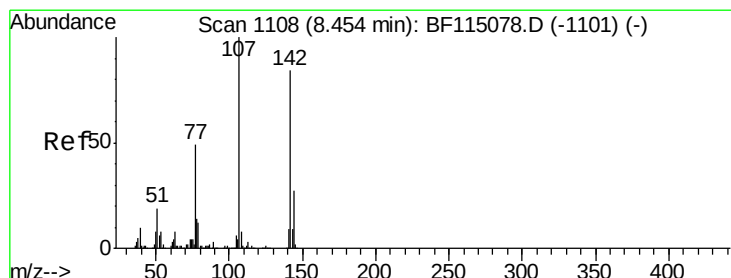
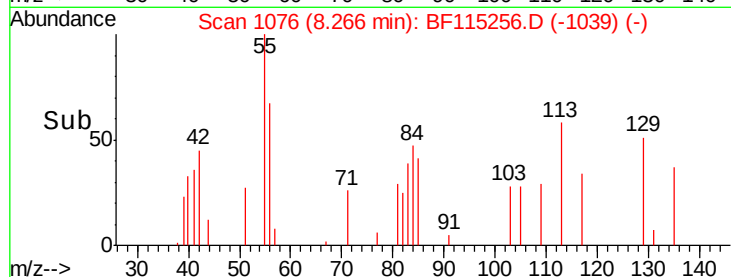
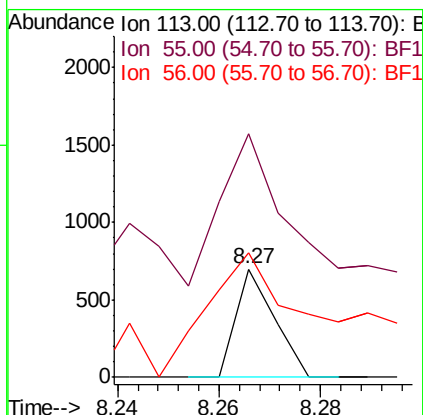
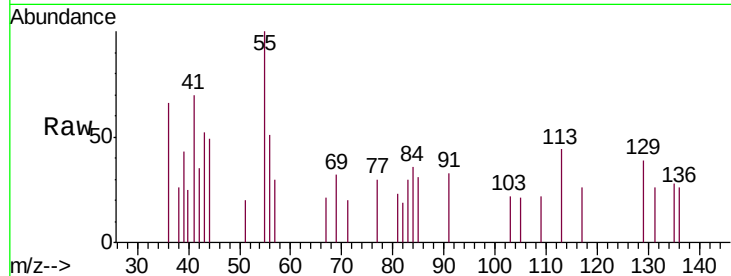




#35
 Caprolactam
 Concen: 0.080 ng
 RT: 8.27 min Scan# 1076
 Delta R.T. -0.08 min
 Lab File: BF115256.D
 Acq: 28 Jun 2019 1:21

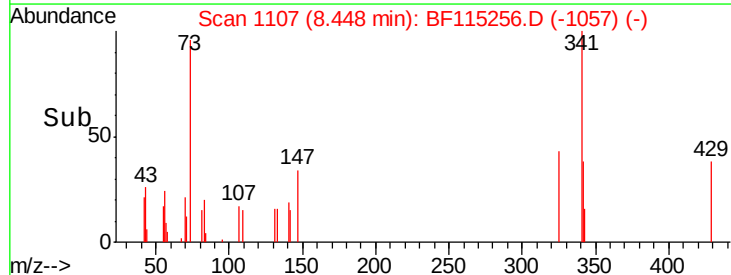
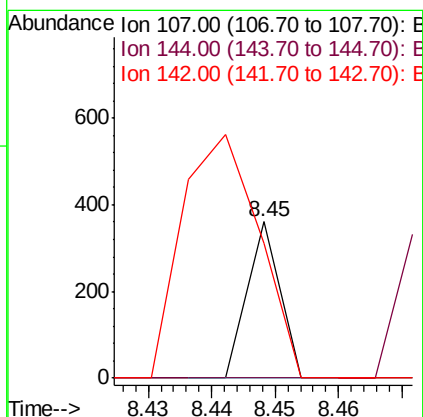
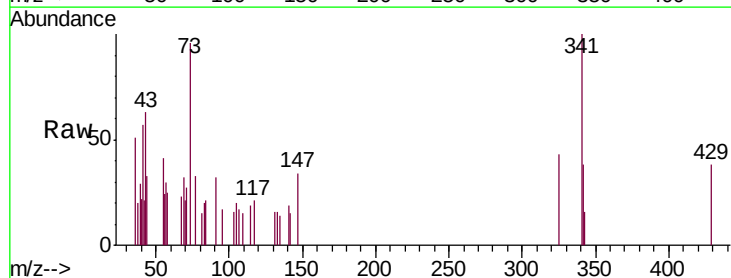
Instrument :
 BNA_F
 ClientSampleId :
 TRIANGLE-AREA-SOIL-A

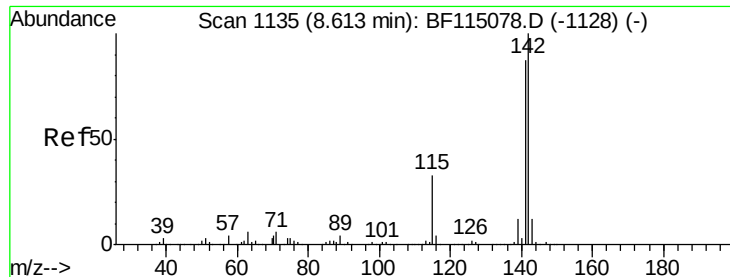
Tgt Ion:113 Resp: 368
 Ion Ratio Lower Upper
 113 100
 55 225.2 130.2 170.2#
 56 115.5 91.6 131.6



#36
 4-Chloro-3-methylphenol
 Concen: 0.009 ng
 RT: 8.45 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: BF115256.D
 Acq: 28 Jun 2019 1:21

Tgt Ion:107 Resp: 127
 Ion Ratio Lower Upper
 107 100
 144 0.0 21.7 32.5#
 142 86.1 67.0 100.4

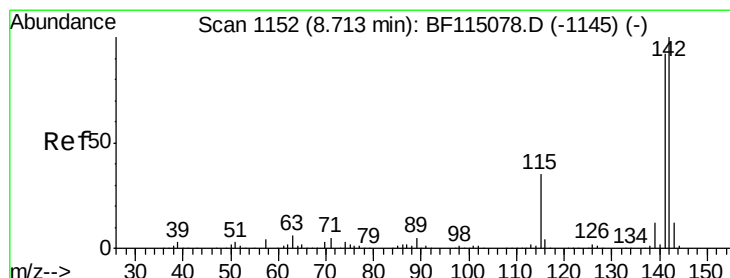
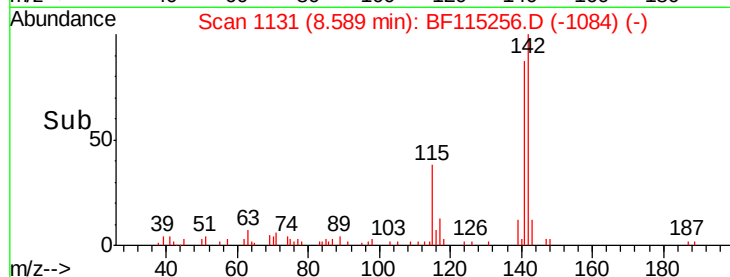
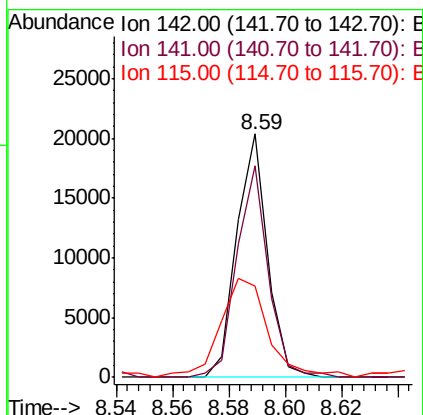
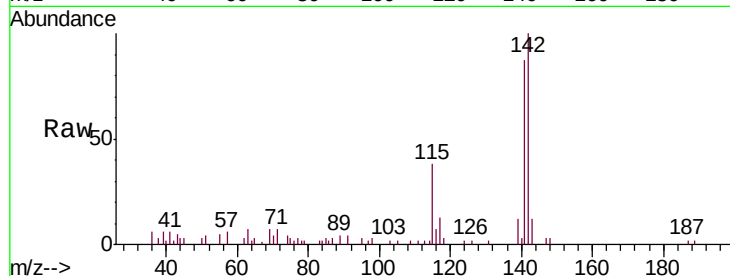




#37
2-Methylnaphthalene
Concen: 0.508 ng
RT: 8.59 min Scan# 1131
Delta R.T. -0.02 min
Lab File: BF115256.D
Acq: 28 Jun 2019 1:21

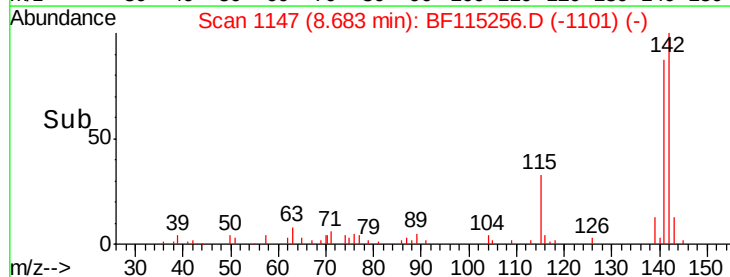
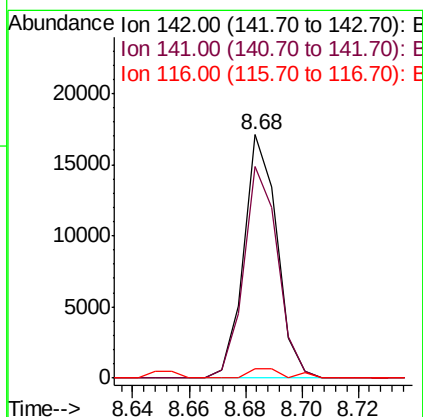
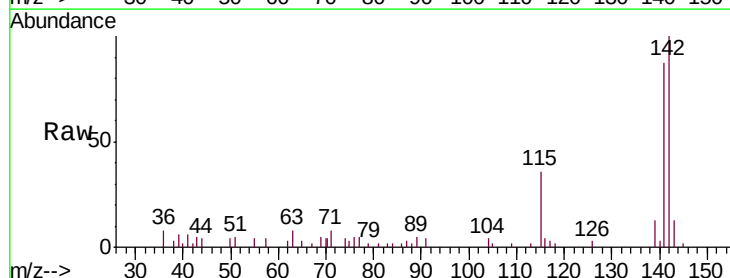
Instrument :
BNA_F
ClientSampleId :
TRIANGLE-AREA-SOIL-A

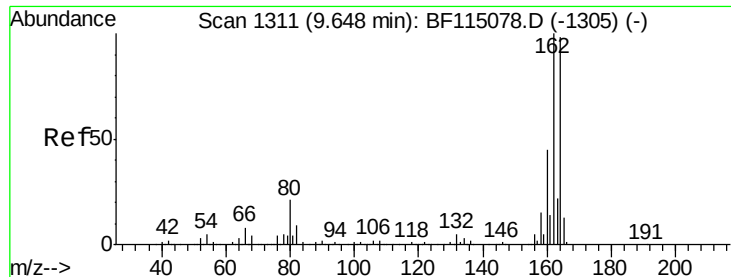
Tgt Ion:142 Resp: 15436
Ion Ratio Lower Upper
142 100
141 86.7 69.8 104.6
115 37.7 26.7 40.1



#38
1-Methylnaphthalene
Concen: 0.479 ng
RT: 8.68 min Scan# 1147
Delta R.T. -0.03 min
Lab File: BF115256.D
Acq: 28 Jun 2019 1:21

Tgt Ion:142 Resp: 13902
Ion Ratio Lower Upper
142 100
141 86.9 73.8 110.8
116 3.9 2.8 4.2

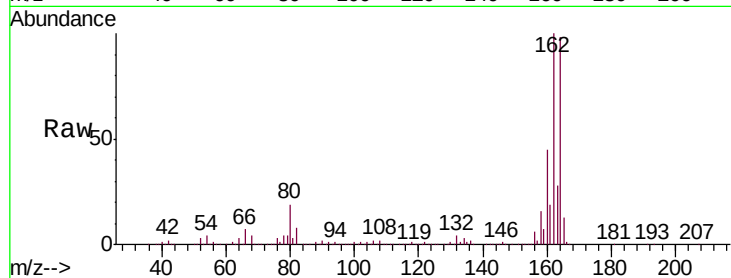




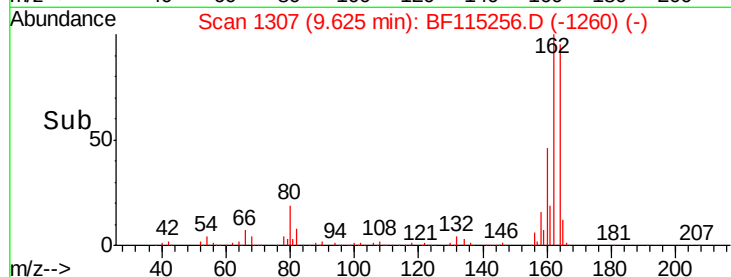
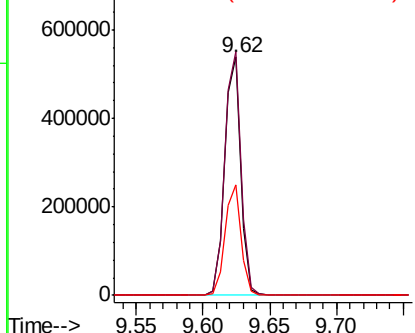
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.62 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BF115256.D
Acq: 28 Jun 2019 1:21

Instrument :
BNA_F
ClientSampleId :
TRIANGLE-AREA-SOIL-A

Tgt Ion:164 Resp: 460367
Ion Ratio Lower Upper
164 100
162 102.2 81.7 122.5
160 46.5 37.0 55.4

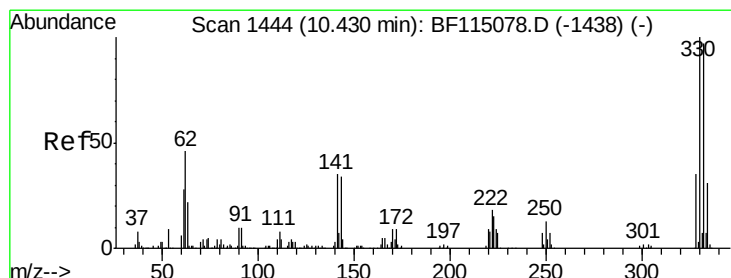


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

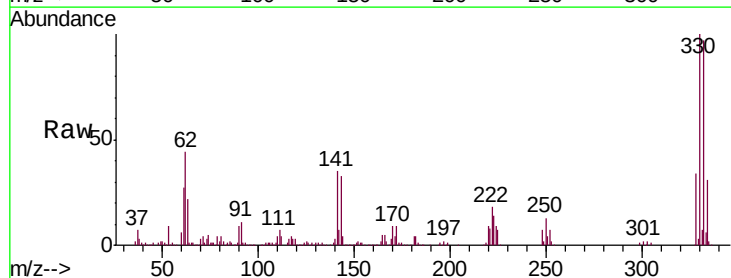
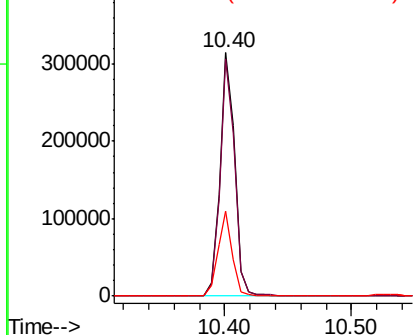


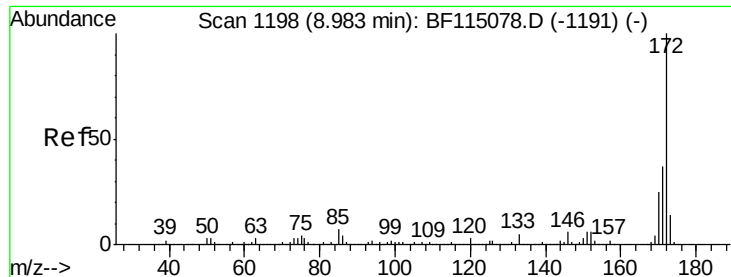
#42
2,4,6-Tribromophenol
Concen: 53.143 ng
RT: 10.40 min Scan# 1439
Delta R.T. -0.03 min
Lab File: BF115256.D
Acq: 28 Jun 2019 1:21

Tgt Ion:330 Resp: 257993
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 33.2 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

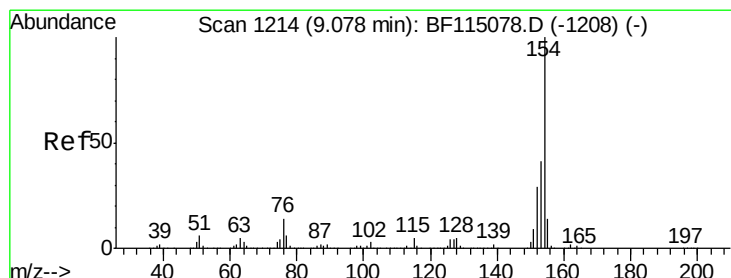
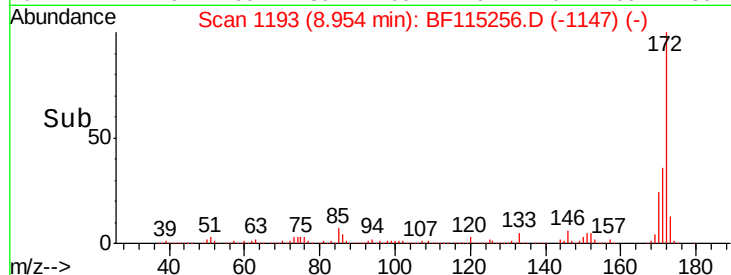
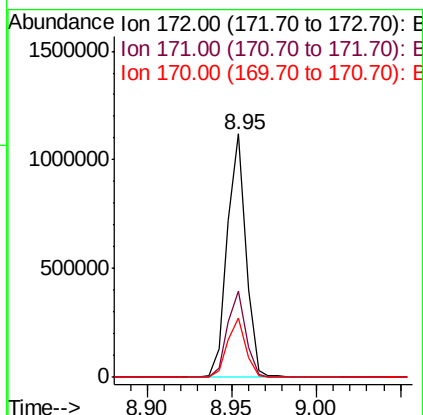
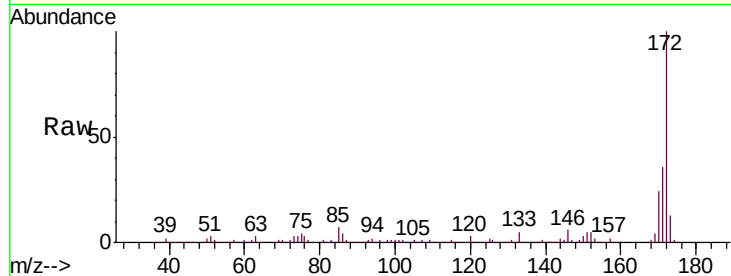




#45
2-Fluorobiphenyl
Concen: 31.873 ng
RT: 8.95 min Scan# 1193
Delta R.T. -0.03 min
Lab File: BF115256.D
Acq: 28 Jun 2019 1:21

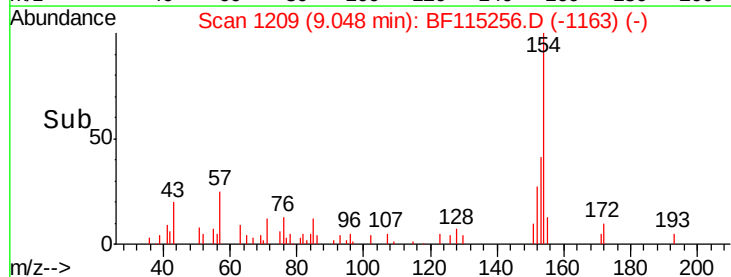
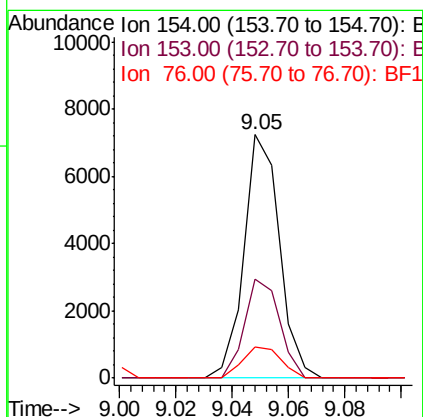
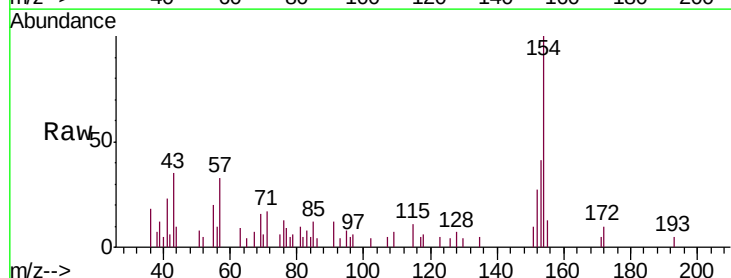
Instrument :
BNA_F
ClientSampleId :
TRIANGLE-AREA-SOIL-A

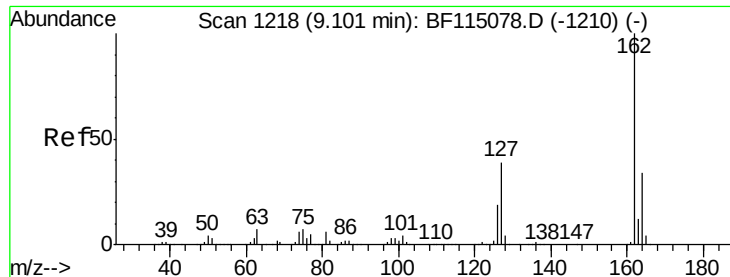
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.8	44.6
170	24.3	20.3	30.5



#46
1,1'-Biphenyl
Concen: 0.171 ng
RT: 9.05 min Scan# 1209
Delta R.T. -0.03 min
Lab File: BF115256.D
Acq: 28 Jun 2019 1:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.9	60.9
76	12.9	0.0	34.1

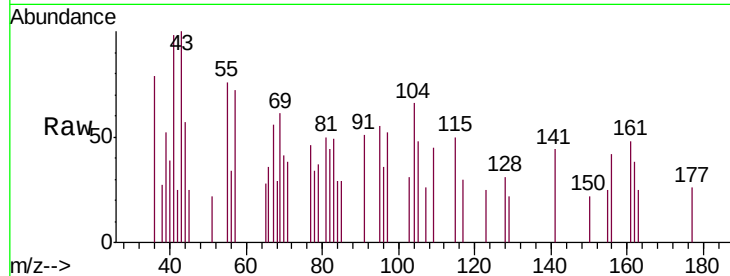




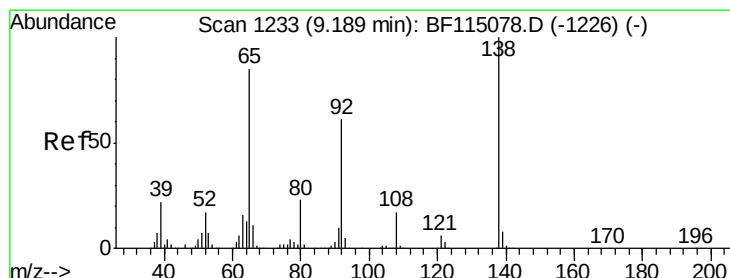
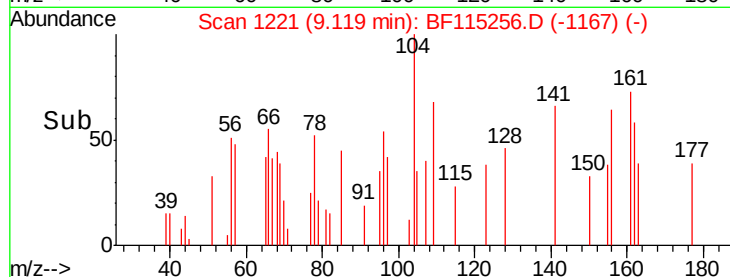
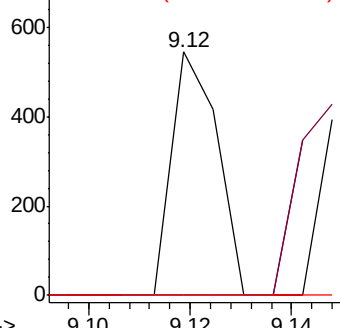
#47
2-Chloronaphthalene
Concen: 0.011 ng
RT: 9.12 min Scan# 1221
Delta R.T. 0.02 min
Lab File: BF115256.D
Acq: 28 Jun 2019 1:21

Instrument :
BNA_F
ClientSampleId :
TRIANGLE-AREA-SOIL-A

Tgt Ion: 162 Resp: 339
Ion Ratio Lower Upper
162 100
127 0.0 30.8 46.2#
164 0.0 27.0 40.4#

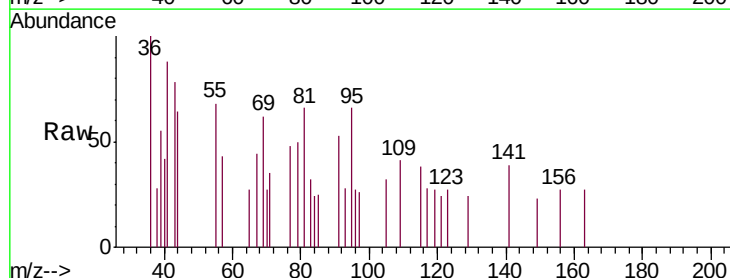


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

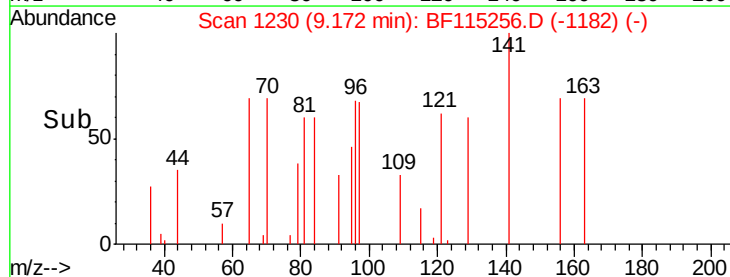
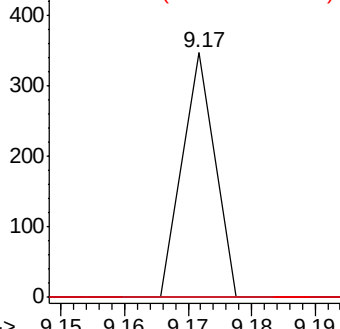


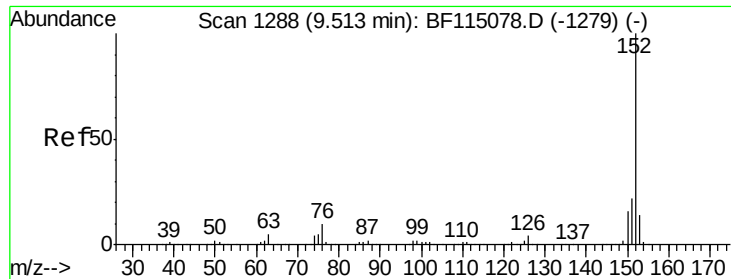
#48
2-Nitroaniline
Concen: 0.014 ng
RT: 9.17 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BF115256.D
Acq: 28 Jun 2019 1:21

Tgt Ion: 65 Resp: 122
Ion Ratio Lower Upper
65 100
92 0.0 57.4 86.2#
138 0.0 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: 2.162 ng

RT: 9.48 min Scan# 1283

Delta R.T. -0.03 min

Lab File: BF115256.D

Acq: 28 Jun 2019 1:21

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-A

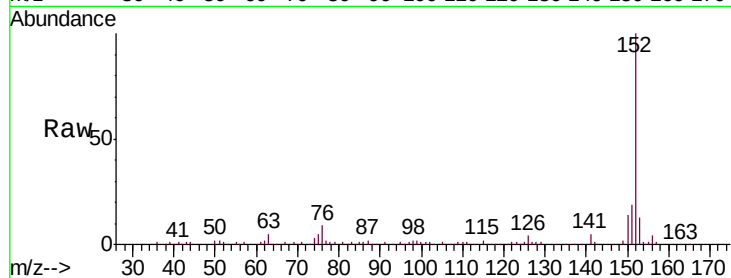
Tgt Ion:152 Resp: 100665

Ion Ratio Lower Upper

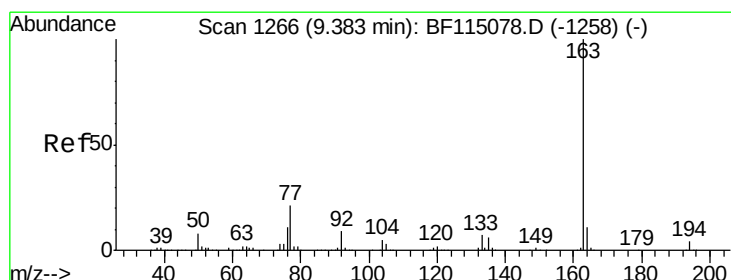
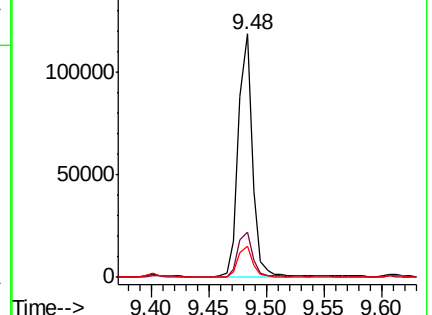
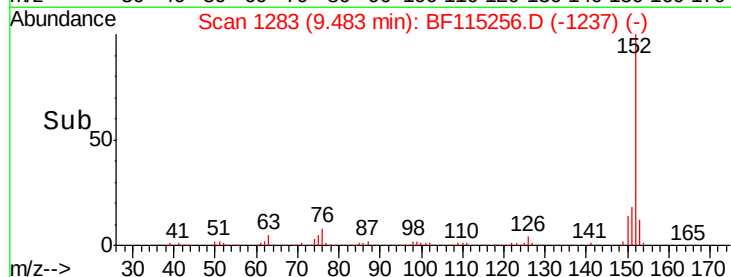
152 100

151 18.7 17.2 25.8

153 12.6 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: 4.097 ng

RT: 9.35 min Scan# 1260

Delta R.T. -0.04 min

Lab File: BF115256.D

Acq: 28 Jun 2019 1:21

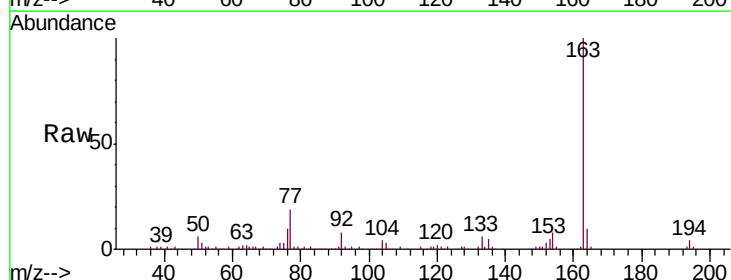
Tgt Ion:163 Resp: 138767

Ion Ratio Lower Upper

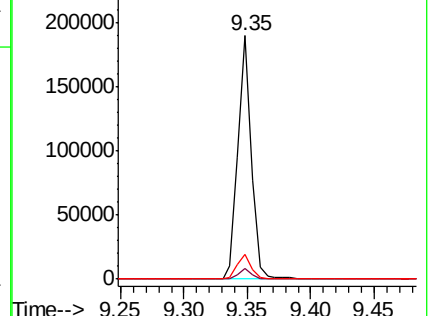
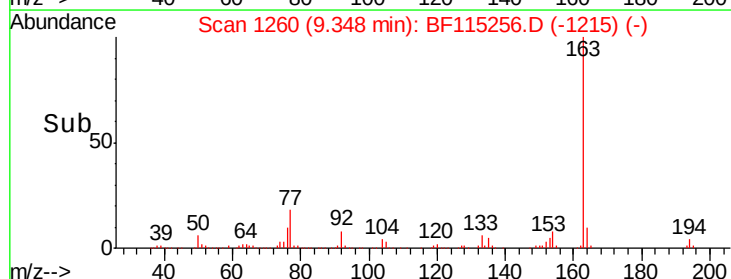
163 100

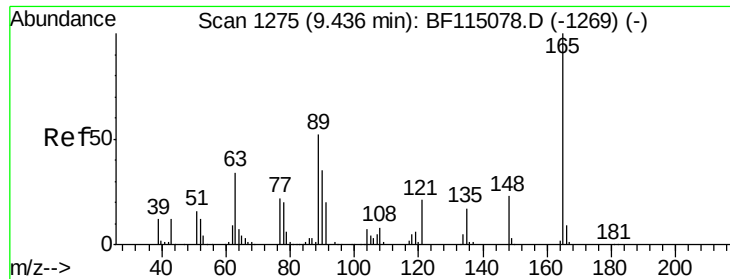
194 4.2 3.2 4.8

164 10.2 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

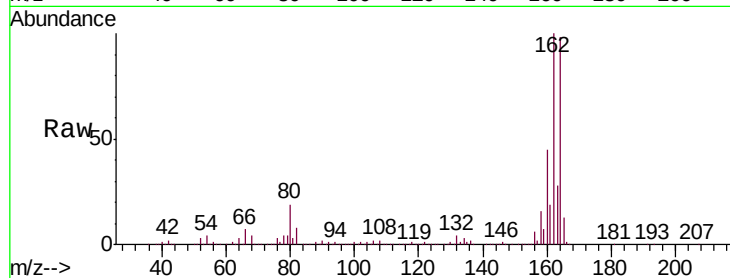




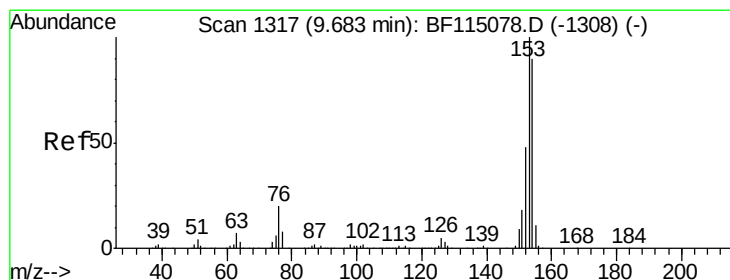
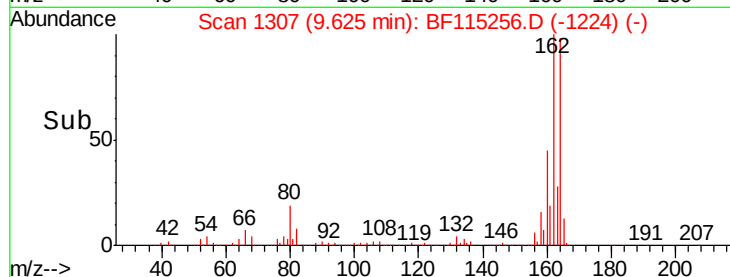
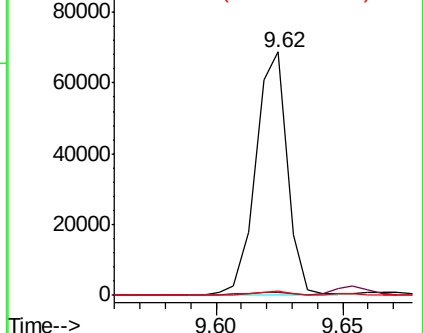
#51
 2,6-Dinitrotoluene
 Concen: 7.696 ng
 RT: 9.62 min Scan# 1307
 Delta R.T. 0.19 min
 Lab File: BF115256.D
 Acq: 28 Jun 2019 1:21

Instrument :
 BNA_F
 ClientSampleId :
 TRIANGLE-AREA-SOIL-A

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	39.4	59.2#
89	1.6	42.0	63.0#

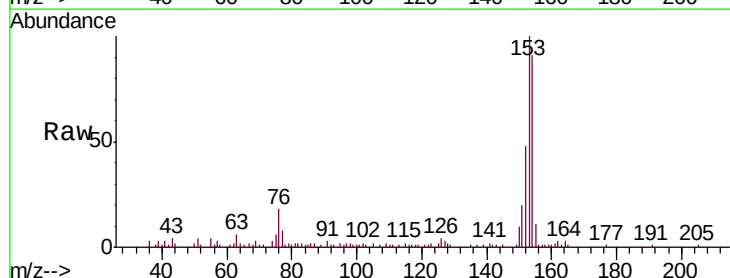


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

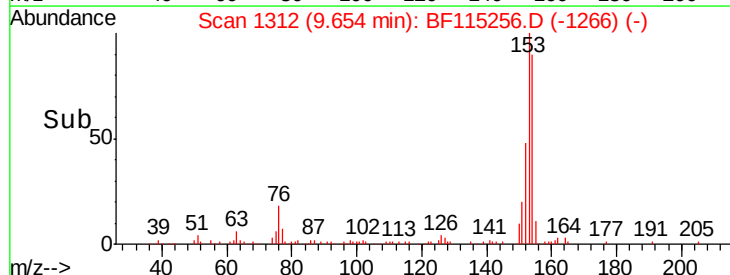
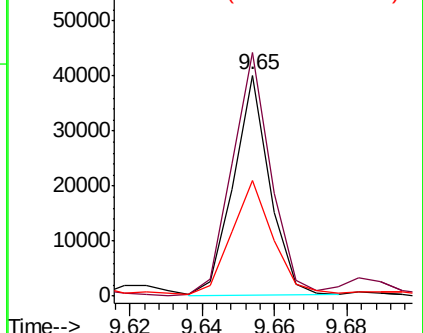


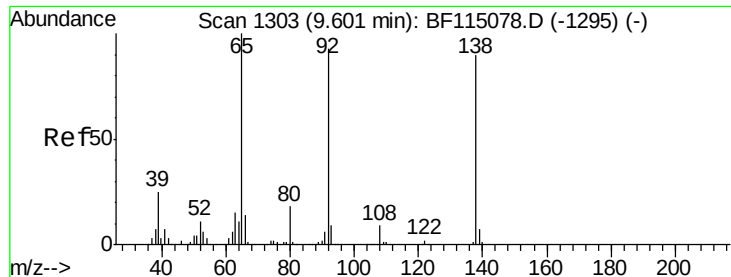
#52
 Acenaphthene
 Concen: 0.951 ng
 RT: 9.65 min Scan# 1312
 Delta R.T. -0.03 min
 Lab File: BF115256.D
 Acq: 28 Jun 2019 1:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.2	88.7	133.1
152	52.5	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

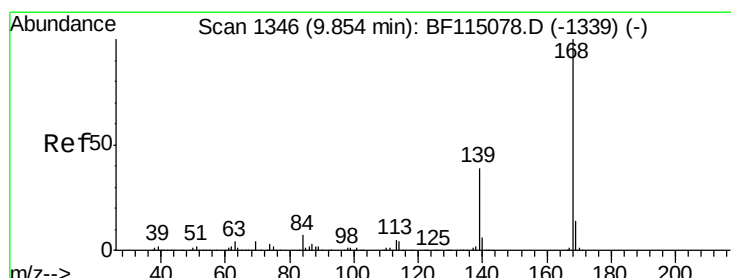
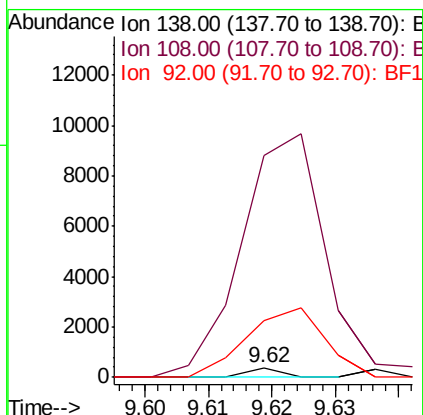
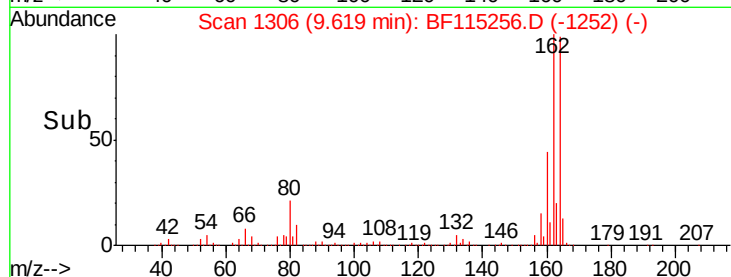
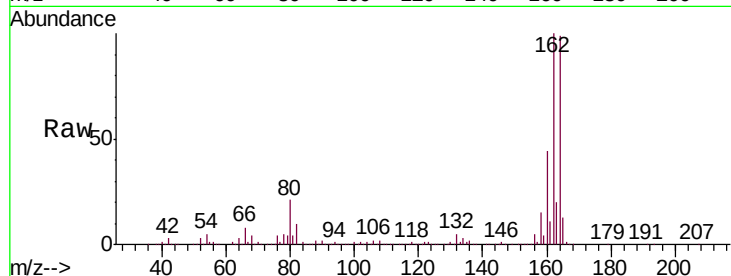




#53
3-Nitroaniline
Concen: 0.014 ng
RT: 9.62 min Scan# 1306
Delta R.T. 0.02 min
Lab File: BF115256.D
Acq: 28 Jun 2019 1:21

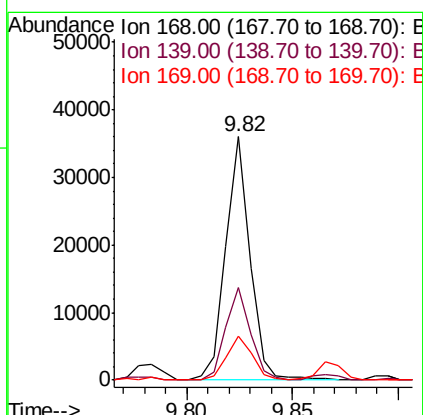
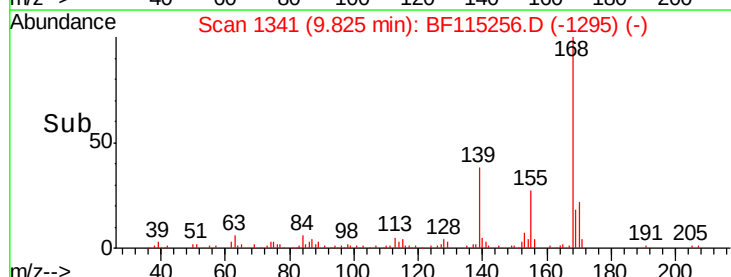
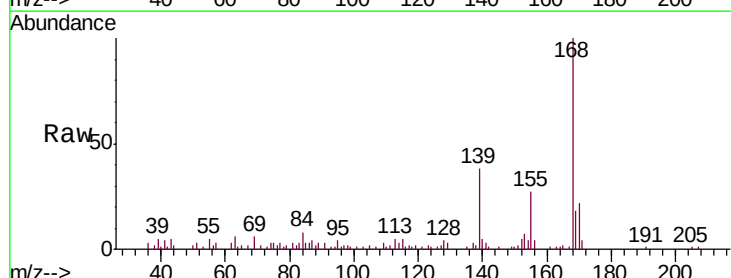
Instrument :
BNA_F
ClientSampleId :
TRIANGLE-AREA-SOIL-A

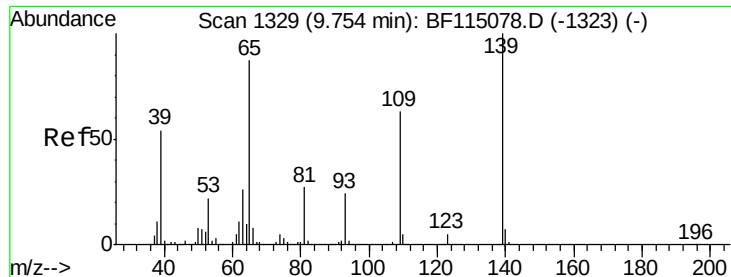
Tgt Ion:138 Resp: 132
Ion Ratio Lower Upper
138 100
108 2362.7 7.8 11.6#
92 608.3 82.9 124.3#



#55
Dibenzofuran
Concen: 0.688 ng
RT: 9.82 min Scan# 1341
Delta R.T. -0.03 min
Lab File: BF115256.D
Acq: 28 Jun 2019 1:21

Tgt Ion:168 Resp: 28746
Ion Ratio Lower Upper
168 100
139 38.0 31.1 46.7
169 17.9 11.3 16.9#

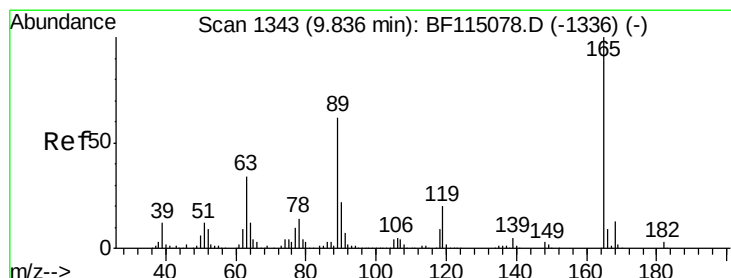
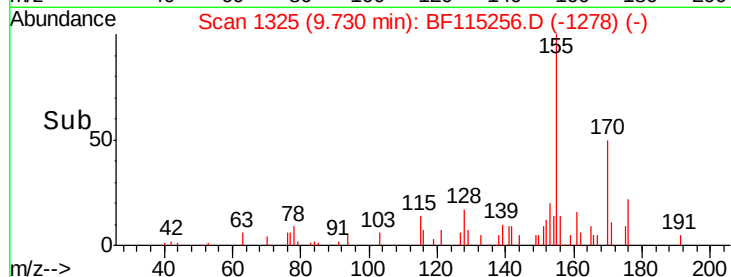
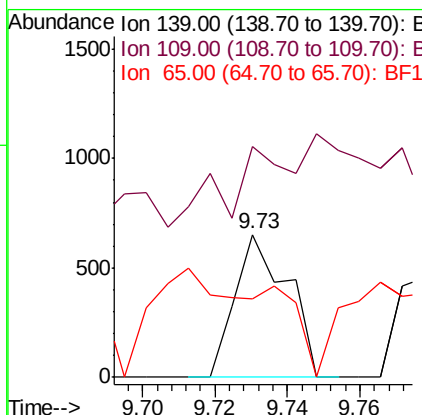
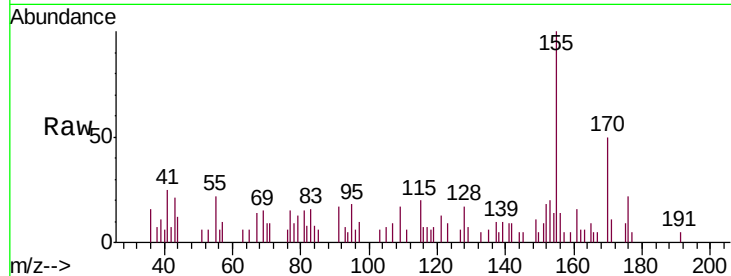




#56
4-Nitrophenol
Concen: 0.085 ng
RT: 9.73 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BF115256.D
Acq: 28 Jun 2019 1:21

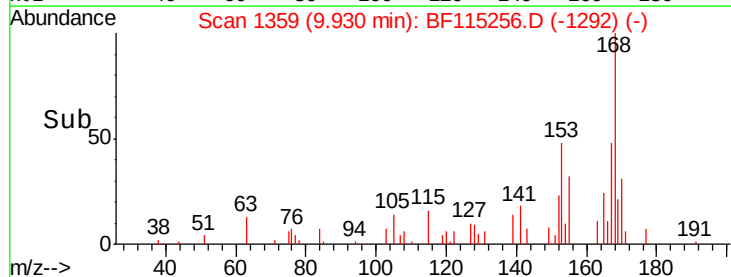
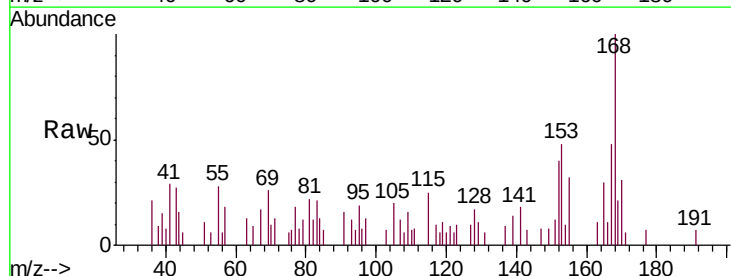
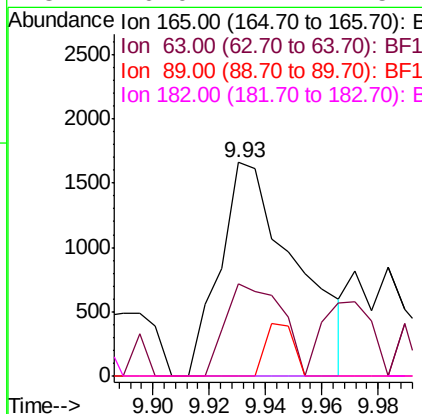
Instrument :
BNA_F
ClientSampleId :
TRIANGLE-AREA-SOIL-A

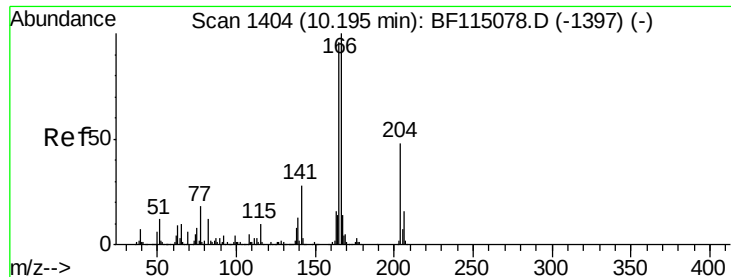
Tgt Ion:139 Resp: 653
Ion Ratio Lower Upper
139 100
109 162.4 43.0 83.0#
65 54.7 67.0 107.0#



#57
2,4-Dinitrotoluene
Concen: 0.307 ng
RT: 9.93 min Scan# 1359
Delta R.T. 0.09 min
Lab File: BF115256.D
Acq: 28 Jun 2019 1:21

Tgt Ion:165 Resp: 3096
Ion Ratio Lower Upper
165 100
63 43.3 27.5 41.3#
89 0.0 49.9 74.9#
182 0.0 2.1 3.1#





#58

Fluorene

Concen: Below Cal

RT: 10.17 min Scan# 1399

Delta R.T. -0.03 min

Lab File: BF115256.D

Acq: 28 Jun 2019 1:21

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-A

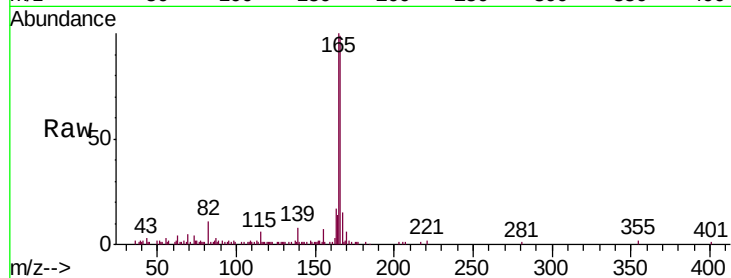
Tgt Ion:166 Resp: 51379

Ion Ratio Lower Upper

166 100

165 100.9 76.5 114.7

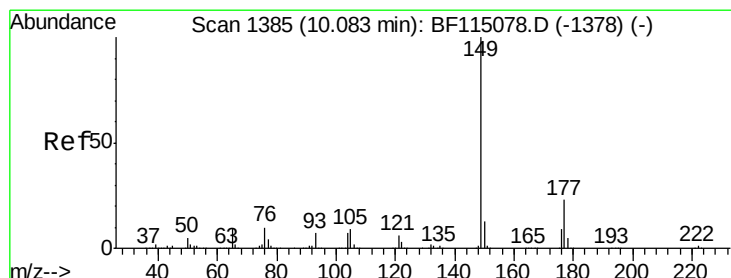
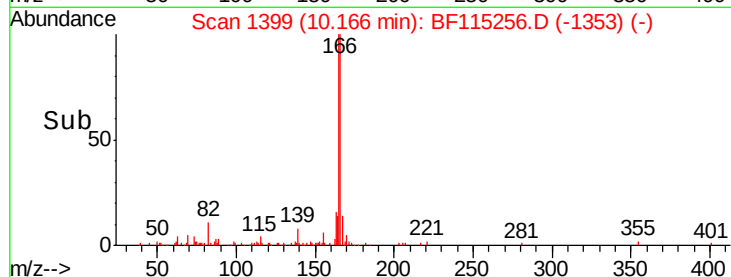
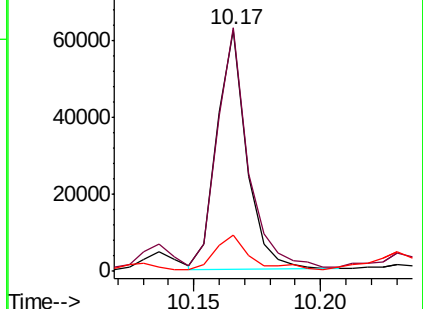
167 14.9 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#60

Diethylphthalate

Concen: 0.102 ng

RT: 10.05 min Scan# 1379

Delta R.T. -0.04 min

Lab File: BF115256.D

Acq: 28 Jun 2019 1:21

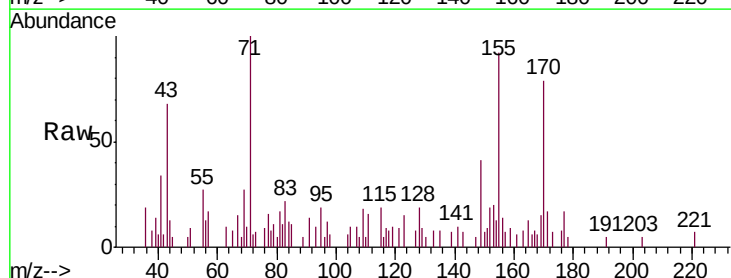
Tgt Ion:149 Resp: 3486

Ion Ratio Lower Upper

149 100

177 41.1 18.7 28.1#

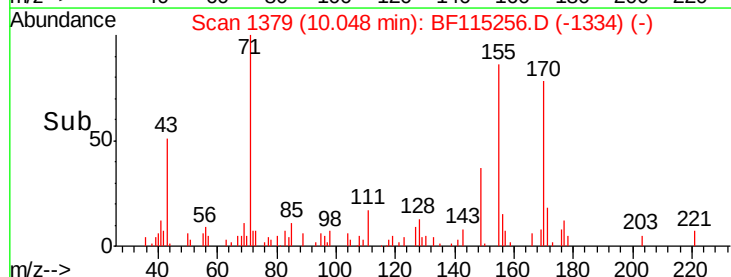
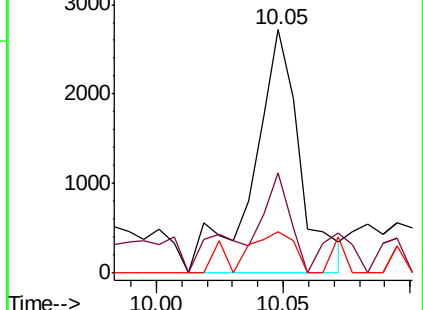
150 16.9 10.4 15.6#

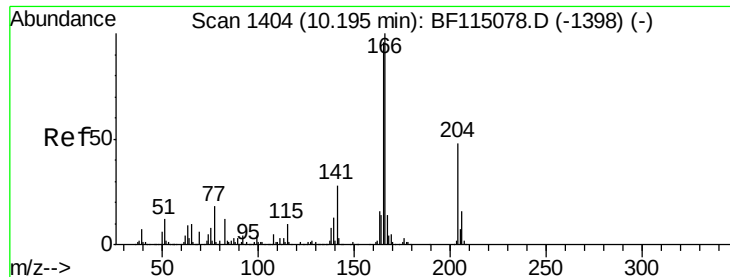


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

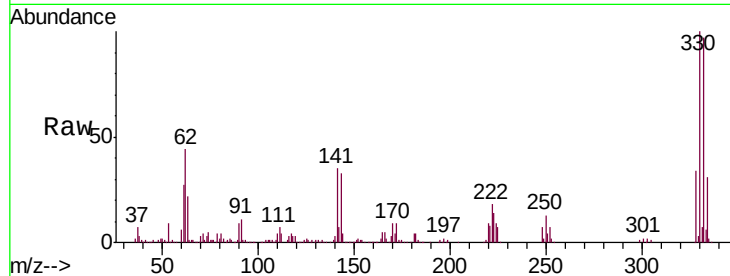




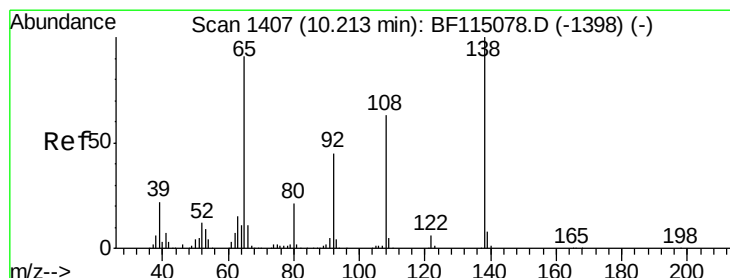
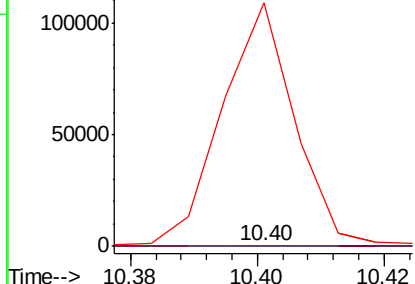
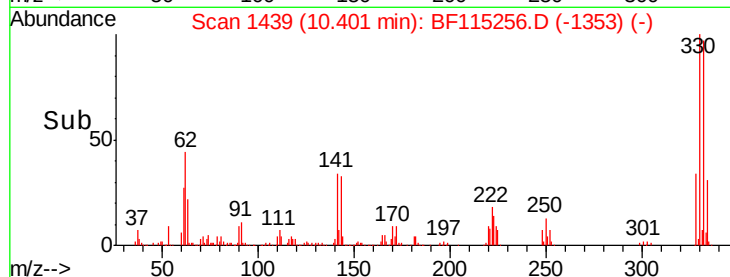
#61
 4-Chlorophenyl-phenylether
 Concen: Below Cal
 RT: 10.40 min Scan# 1439
 Delta R.T. 0.21 min
 Lab File: BF115256.D
 Acq: 28 Jun 2019 1:21

Instrument :
 BNA_F
 ClientSampleId :
 TRIANGLE-AREA-SOIL-A

Tgt Ion:204 Resp: 108
 Ion Ratio Lower Upper
 204 100
 206 0.0 26.6 40.0#
 141 35703.6 46.7 70.1#

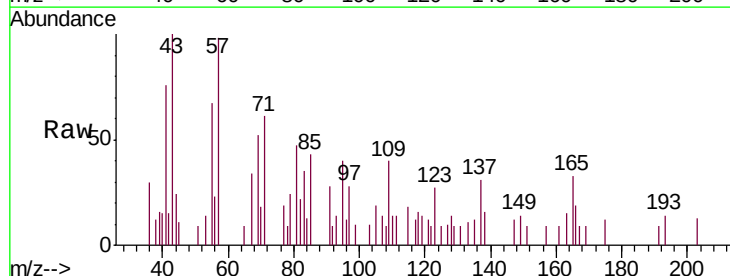


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

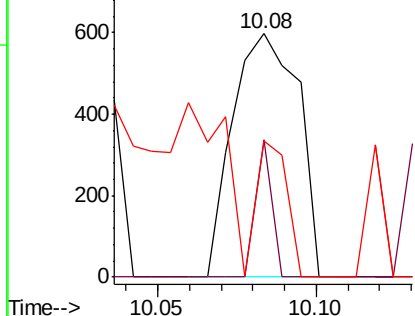
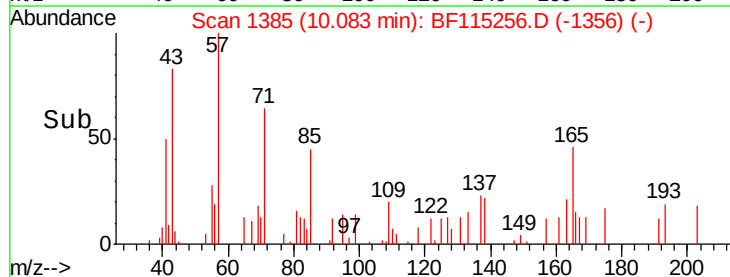


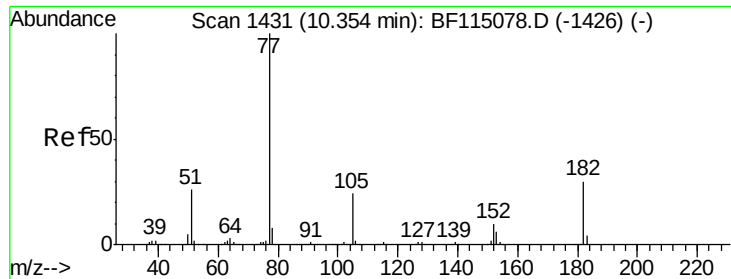
#62
 4-Nitroaniline
 Concen: 0.090 ng
 RT: 10.08 min Scan# 1385
 Delta R.T. -0.13 min
 Lab File: BF115256.D
 Acq: 28 Jun 2019 1:21

Tgt Ion:138 Resp: 860
 Ion Ratio Lower Upper
 138 100
 92 56.4 24.8 64.8
 108 55.9 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: 0.052 ng

RT: 10.32 min Scan# 1426

Delta R.T. -0.03 min

Lab File: BF115256.D

Acq: 28 Jun 2019 1:21

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-A

Tgt Ion: 77 Resp: 1660

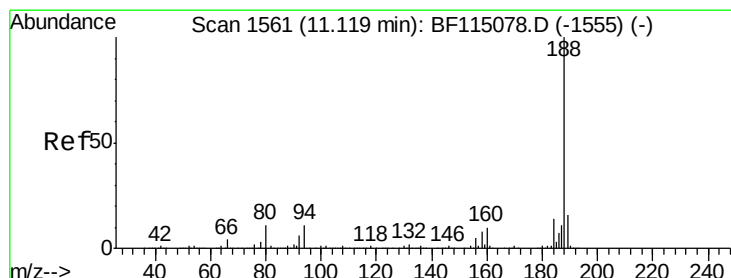
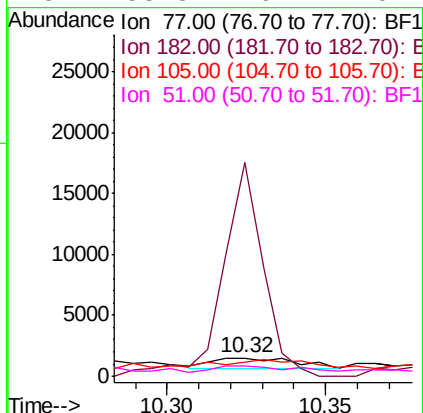
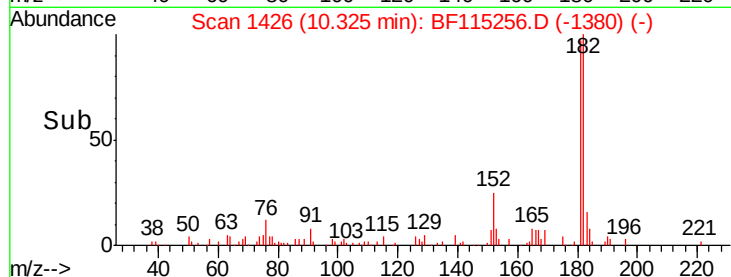
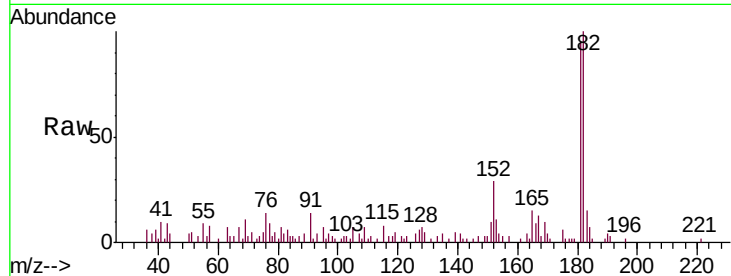
Ion Ratio Lower Upper

77 100

182 1151.2 10.1 50.1#

105 76.8 4.5 44.5#

51 58.3 6.4 46.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.10 min Scan# 1557

Delta R.T. -0.02 min

Lab File: BF115256.D

Acq: 28 Jun 2019 1:21

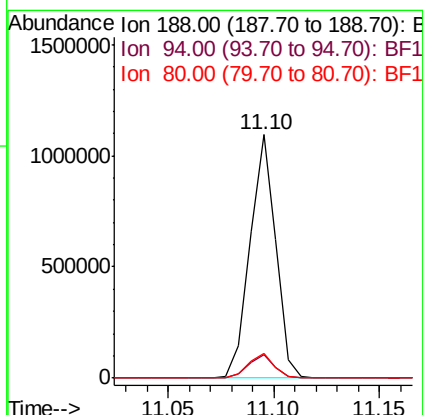
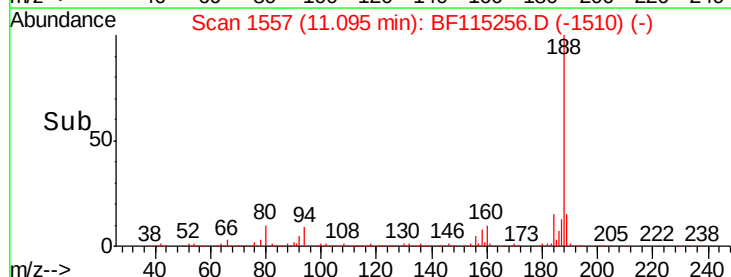
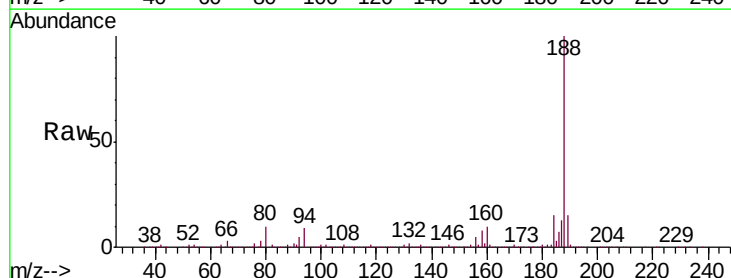
Tgt Ion: 188 Resp: 927291

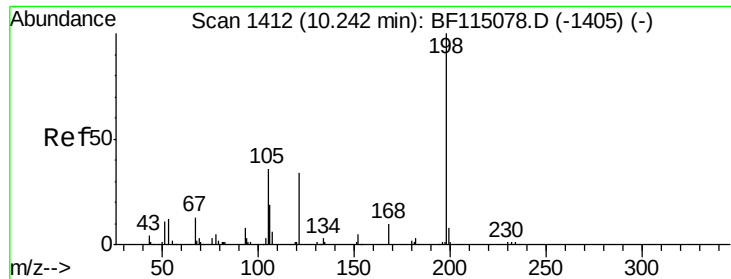
Ion Ratio Lower Upper

188 100

94 9.5 8.6 12.8

80 9.9 8.8 13.2





#65

4,6-Dinitro-2-methylphenol

Concen: 5.062 ng

RT: 10.40 min Scan# 1439

Delta R.T. 0.16 min

Lab File: BF115256.D

Acq: 28 Jun 2019 1:21

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-A

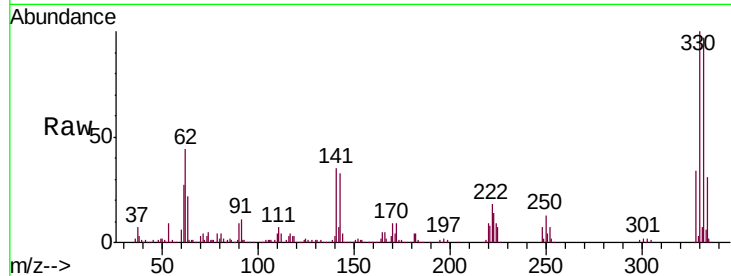
Tgt Ion:198 Resp: 560

Ion Ratio Lower Upper

198 100

51 258.8 11.0 51.0#

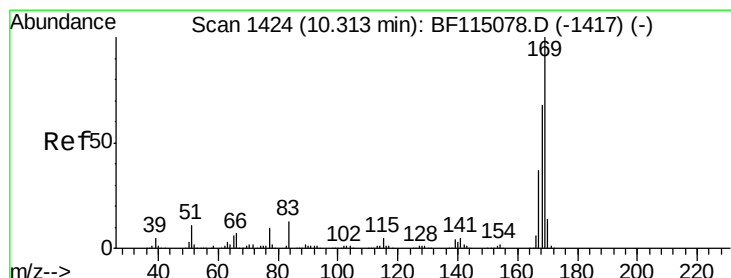
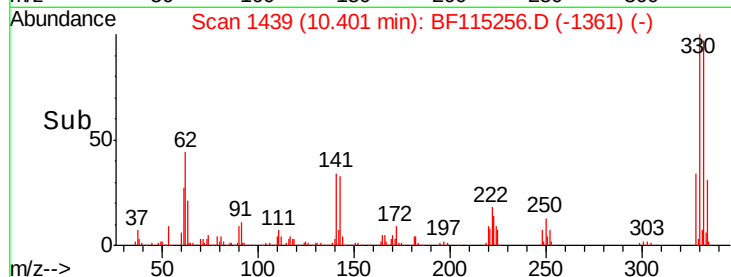
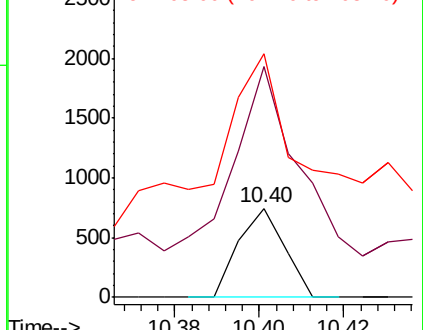
105 272.8 17.3 57.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 0.285 ng

RT: 10.28 min Scan# 1419

Delta R.T. -0.03 min

Lab File: BF115256.D

Acq: 28 Jun 2019 1:21

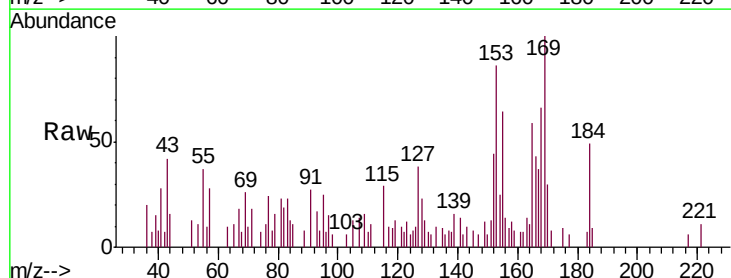
Tgt Ion:169 Resp: 8244

Ion Ratio Lower Upper

169 100

168 66.1 54.2 81.4

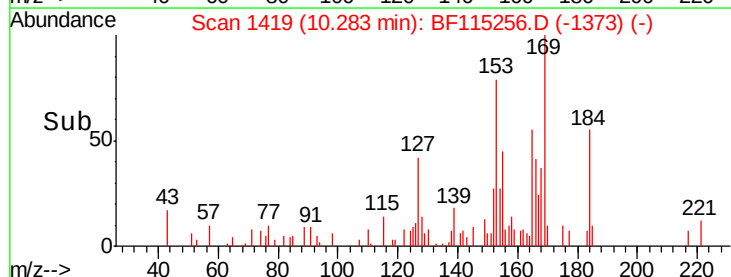
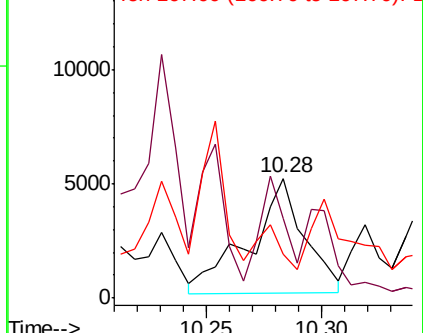
167 36.6 29.4 44.0

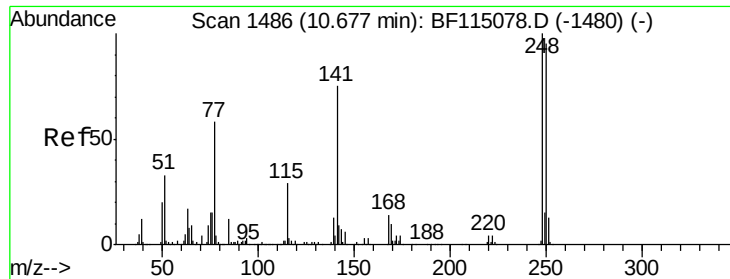


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

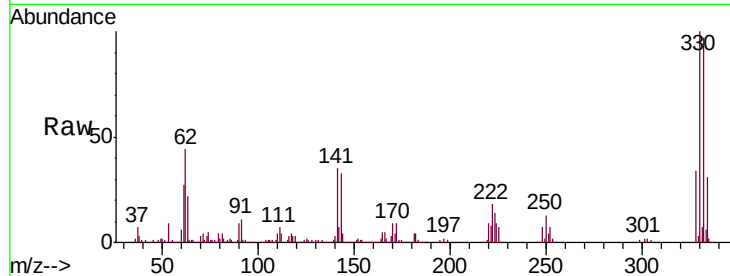




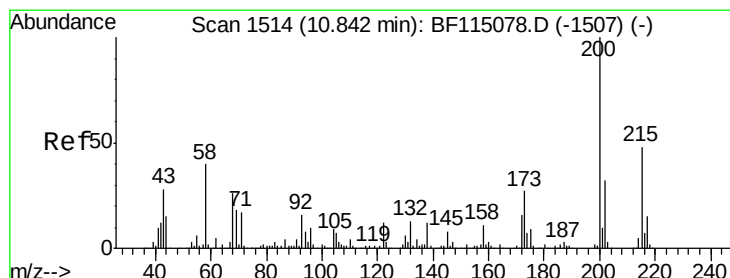
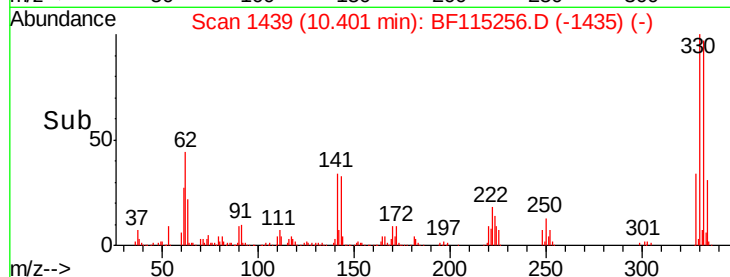
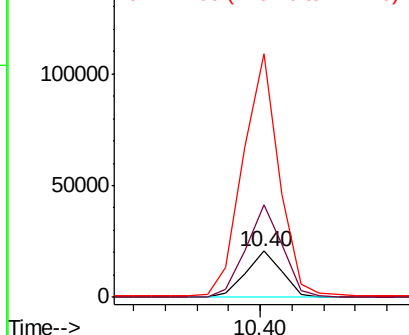
#67
4-Bromophenyl-phenylether
Concen: 1.597 ng
RT: 10.40 min Scan# 1439
Delta R.T. -0.28 min
Lab File: BF115256.D
Acq: 28 Jun 2019 1:21

Instrument :
BNA_F
ClientSampleId :
TRIANGLE-AREA-SOIL-A

Tgt Ion:248 Resp: 16051
Ion Ratio Lower Upper
248 100
250 202.7 76.2 114.2#
141 530.7 59.6 89.4#

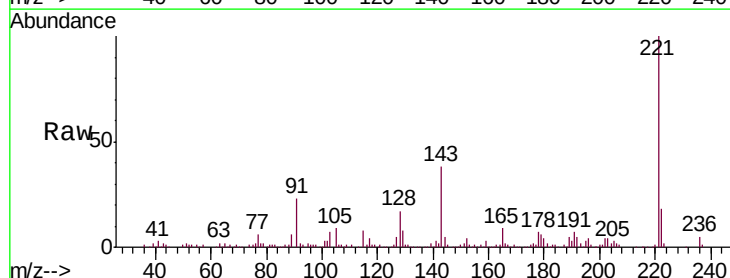


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

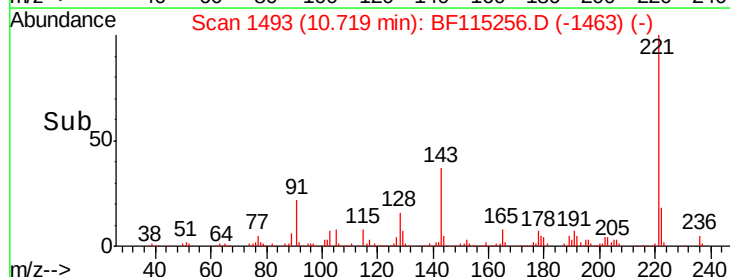
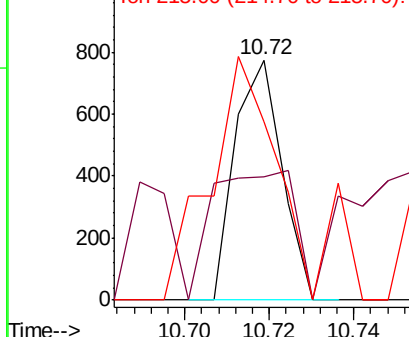


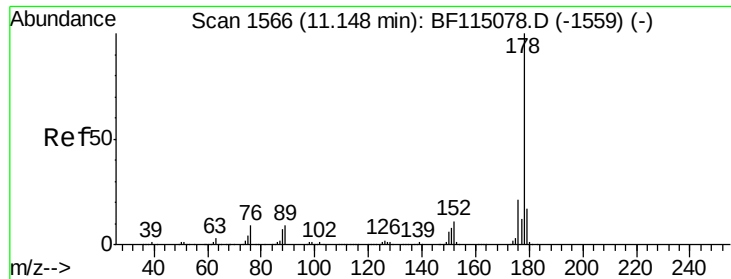
#69
Atrazine
Concen: 0.064 ng
RT: 10.72 min Scan# 1493
Delta R.T. -0.12 min
Lab File: BF115256.D
Acq: 28 Jun 2019 1:21

Tgt Ion:200 Resp: 595
Ion Ratio Lower Upper
200 100
173 51.1 7.4 47.4#
215 74.1 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

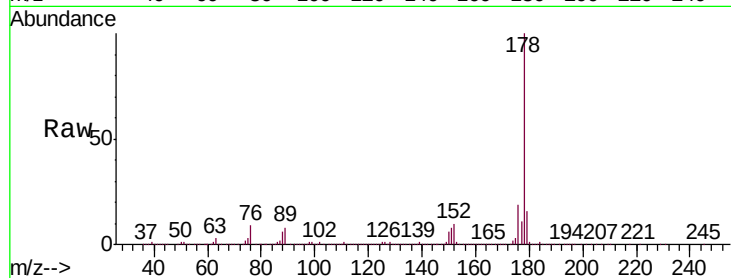




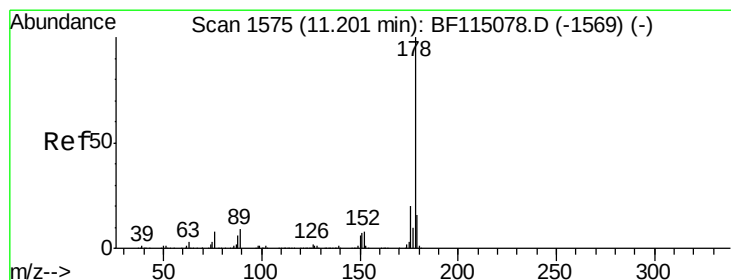
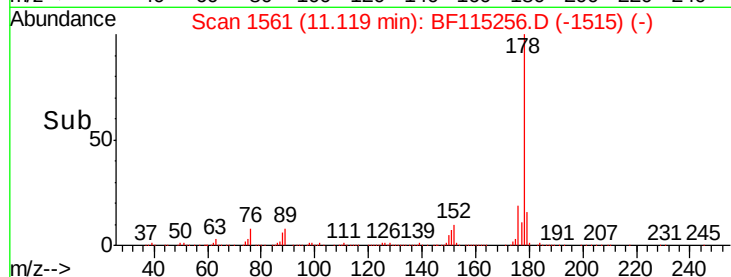
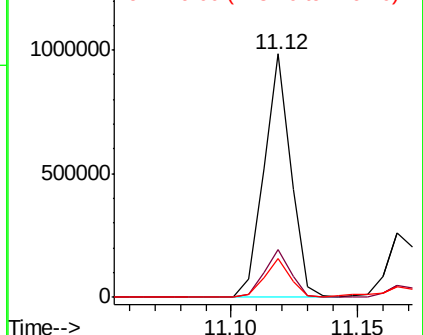
#71
Phenanthrene
Concen: 14.579 ng
RT: 11.12 min Scan# 1561
Delta R.T. -0.03 min
Lab File: BF115256.D
Acq: 28 Jun 2019 1:21

Instrument :
BNA_F
ClientSampleId :
TRIANGLE-AREA-SOIL-A

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.9	25.3
179	15.7	13.2	19.8

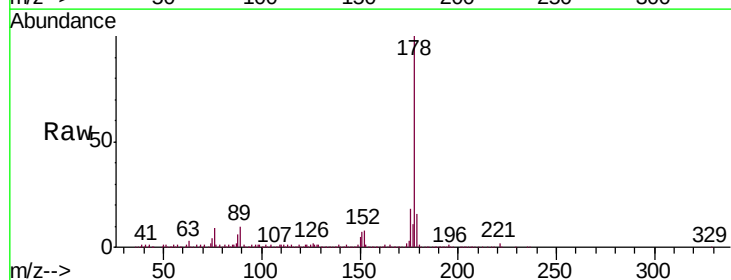


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

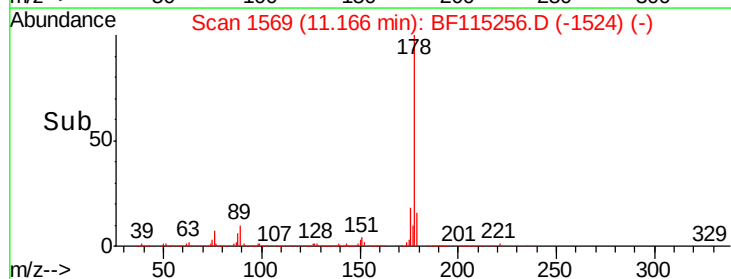
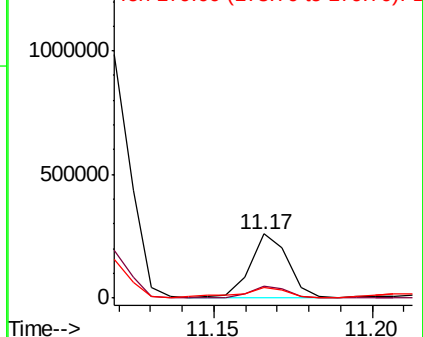


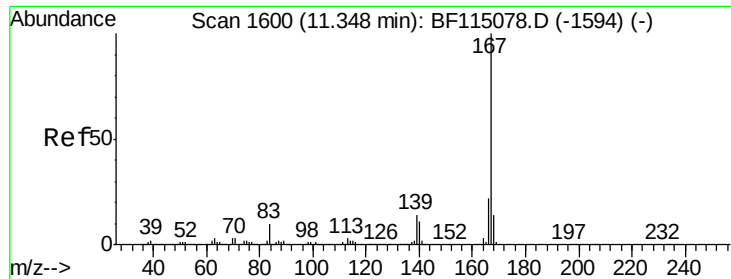
#72
Anthracene
Concen: 4.153 ng
RT: 11.17 min Scan# 1569
Delta R.T. -0.04 min
Lab File: BF115256.D
Acq: 28 Jun 2019 1:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	16.1	24.1
179	16.2	12.9	19.3



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

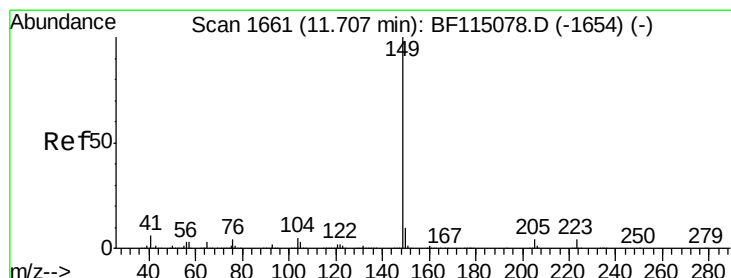
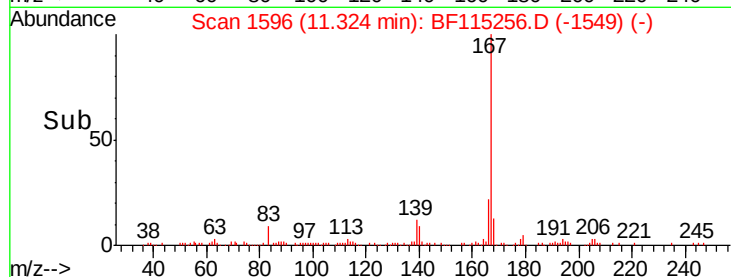
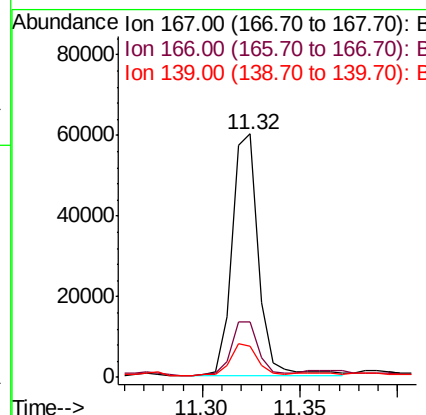
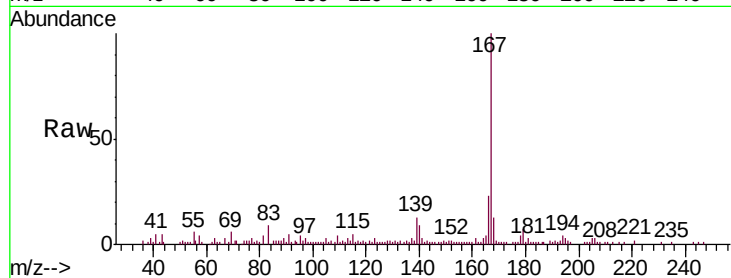




#73
 Carbazole
 Concen: 1.247 ng
 RT: 11.32 min Scan# 1596
 Delta R.T. -0.02 min
 Lab File: BF115256.D
 Acq: 28 Jun 2019 1:21

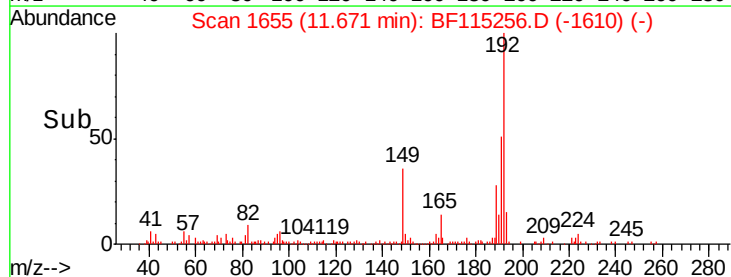
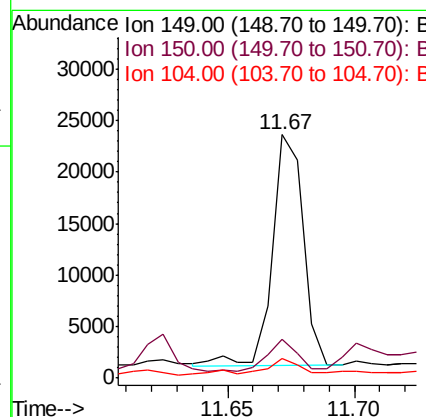
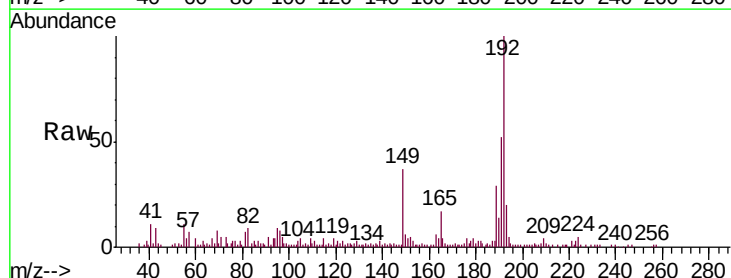
Instrument :
 BNA_F
 ClientSampleId :
 TRIANGLE-AREA-SOIL-A

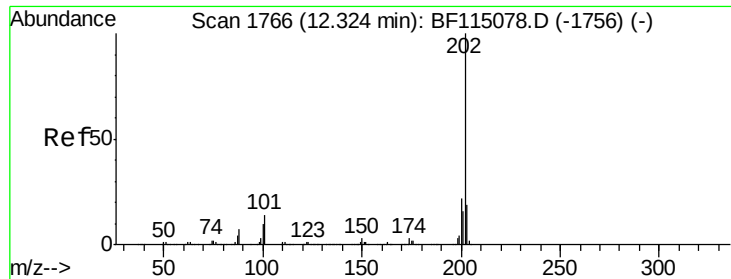
Tgt Ion:167 Resp: 56118
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.0 27.0
 139 12.6 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 0.371 ng
 RT: 11.67 min Scan# 1655
 Delta R.T. -0.04 min
 Lab File: BF115256.D
 Acq: 28 Jun 2019 1:21

Tgt Ion:149 Resp: 19313
 Ion Ratio Lower Upper
 149 100
 150 15.9 7.8 11.8#
 104 8.1 3.7 5.5#





#75

Fluoranthene

Concen: 34.156 ng

RT: 12.30 min Scan# 1762

Delta R.T. -0.02 min

Lab File: BF115256.D

Acq: 28 Jun 2019 1:21

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-A

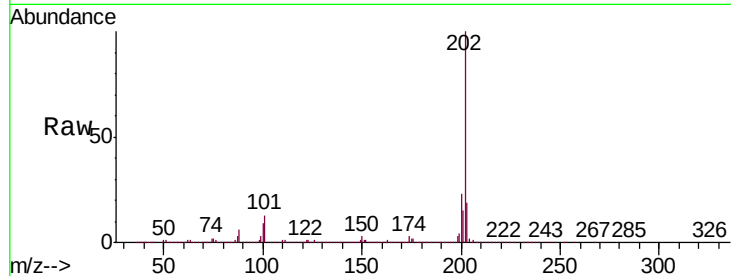
Tgt Ion:202 Resp: 1701448

Ion Ratio Lower Upper

202 100

101 12.9 0.0 34.0

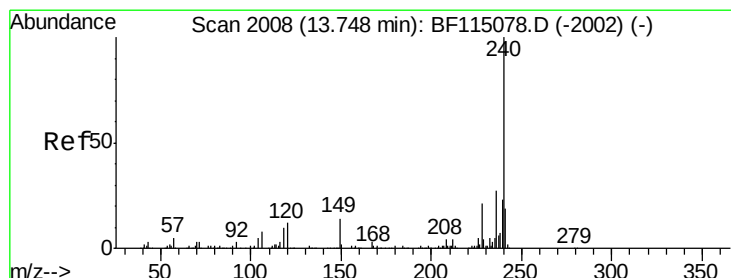
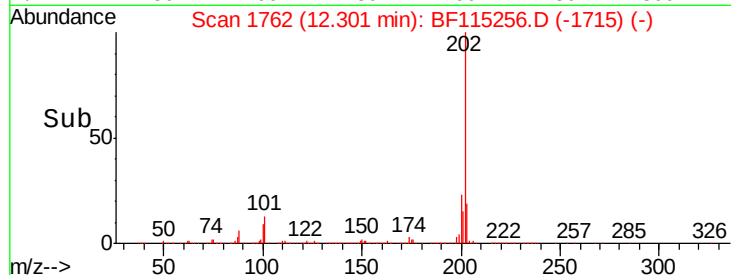
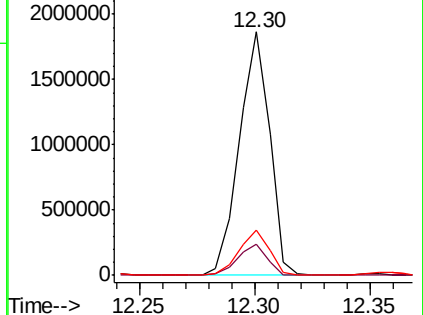
203 18.6 0.0 38.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.72 min Scan# 2003

Delta R.T. -0.03 min

Lab File: BF115256.D

Acq: 28 Jun 2019 1:21

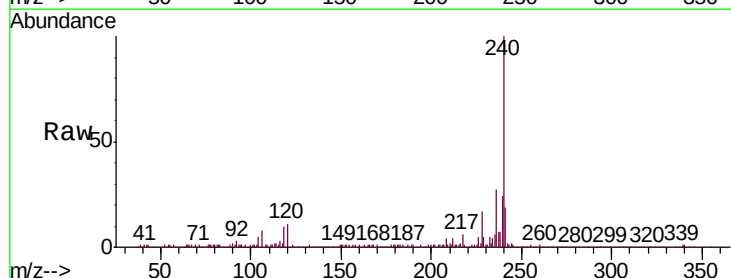
Tgt Ion:240 Resp: 740083

Ion Ratio Lower Upper

240 100

120 11.2 9.4 14.2

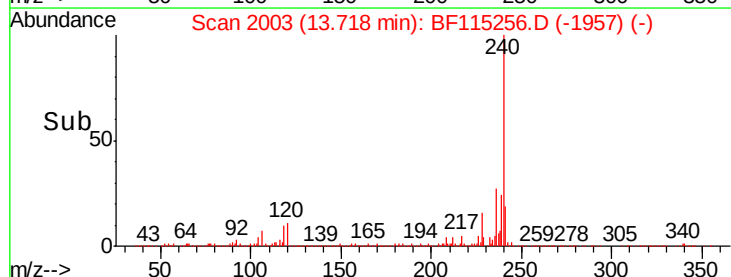
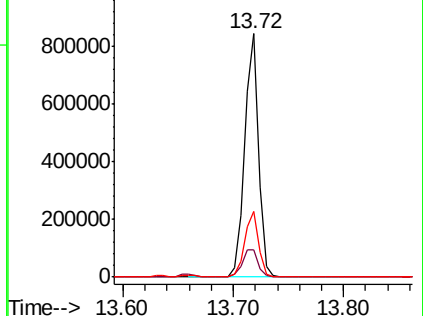
236 26.9 21.7 32.5

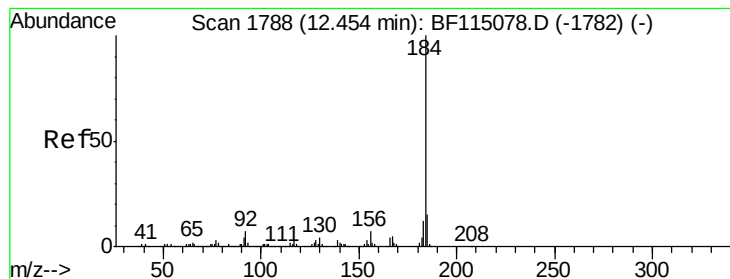


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.052 ng

RT: 12.41 min Scan# 1780

Delta R.T. -0.05 min

Lab File: BF115256.D

Acq: 28 Jun 2019 1:21

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-A

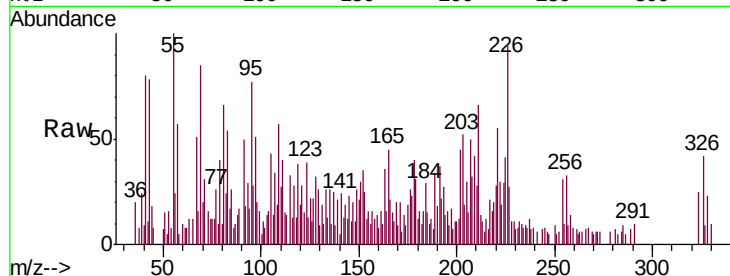
Tgt Ion:184 Resp: 1701

Ion Ratio Lower Upper

184 100

185 51.6 12.2 18.2#

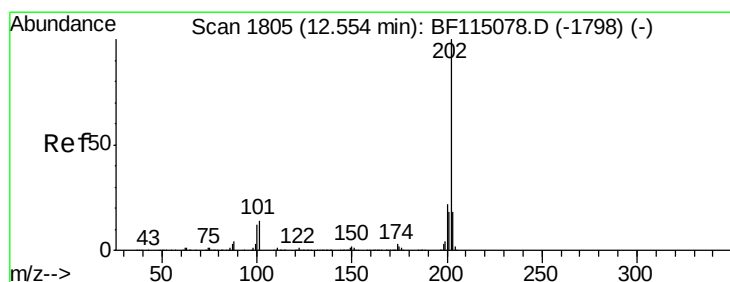
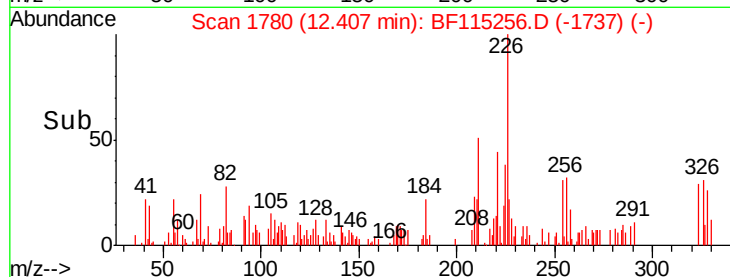
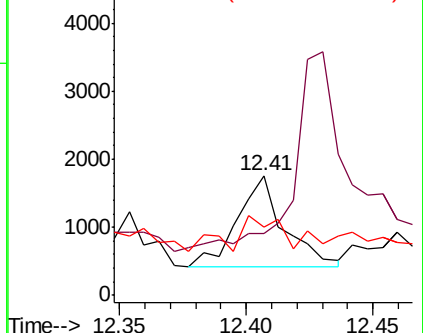
183 56.7 9.6 14.4#



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: 29.828 ng

RT: 12.52 min Scan# 1800

Delta R.T. -0.03 min

Lab File: BF115256.D

Acq: 28 Jun 2019 1:21

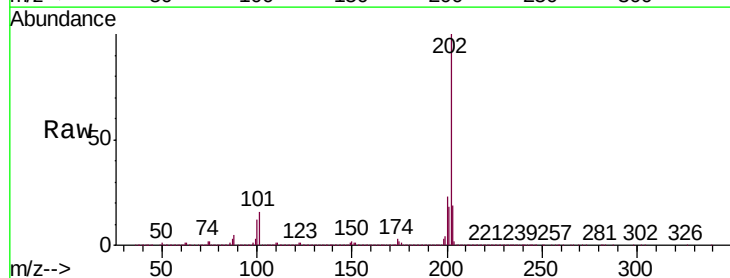
Tgt Ion:202 Resp: 1696510

Ion Ratio Lower Upper

202 100

200 22.9 17.9 26.9

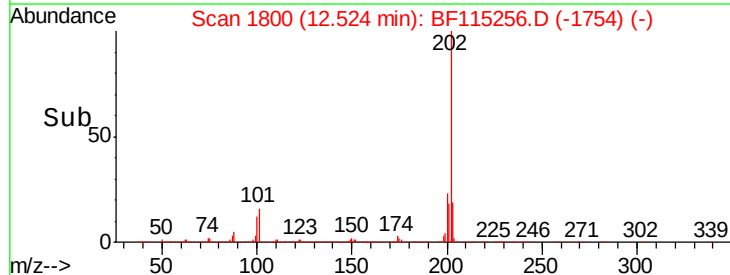
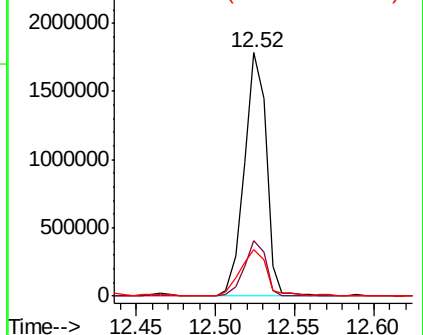
203 19.3 14.6 21.8

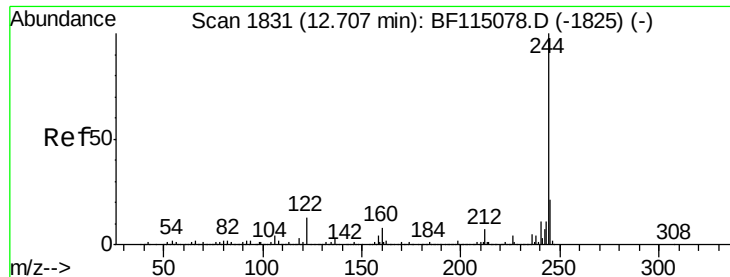


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 28.015 ng

RT: 12.68 min Scan# 1826

Delta R.T. -0.03 min

Lab File: BF115256.D

Acq: 28 Jun 2019 1:21

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-A

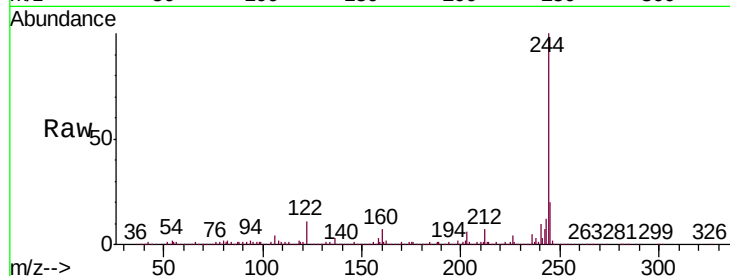
Tgt Ion:244 Resp: 975145

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.6

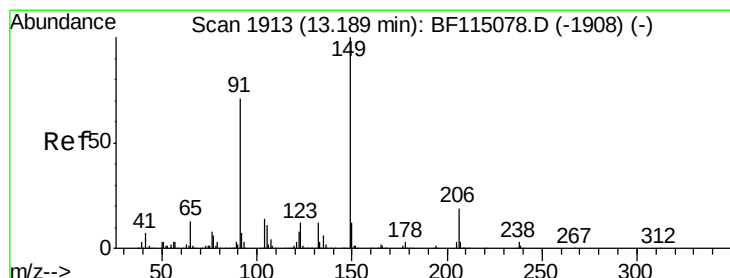
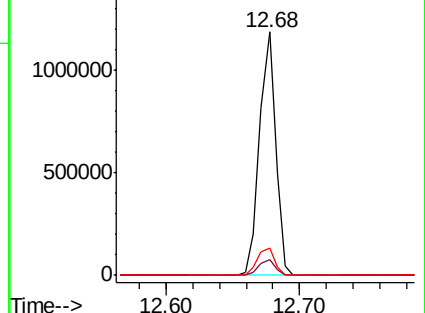
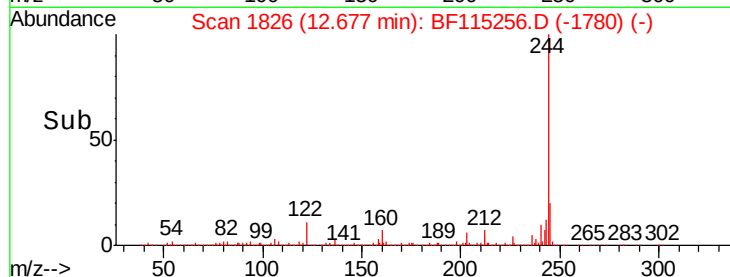
122 11.1 10.4 15.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.439 ng

RT: 13.17 min Scan# 1909

Delta R.T. -0.02 min

Lab File: BF115256.D

Acq: 28 Jun 2019 1:21

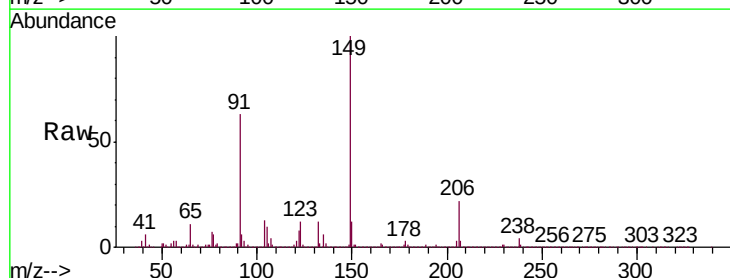
Tgt Ion:149 Resp: 1115421

Ion Ratio Lower Upper

149 100

91 63.3 56.5 84.7

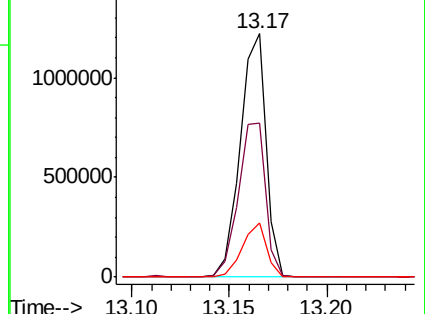
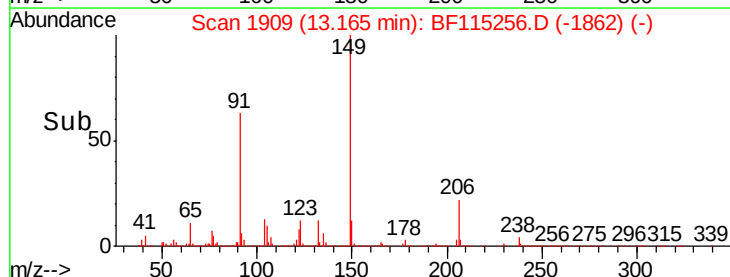
206 22.1 15.3 22.9

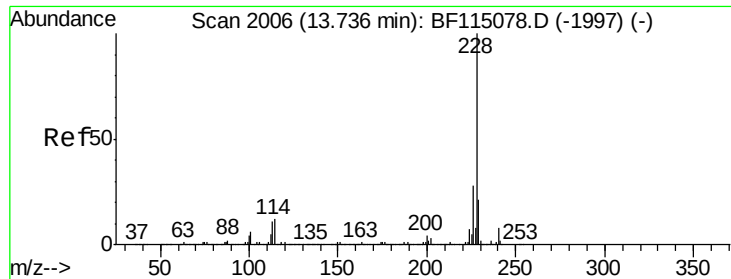


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

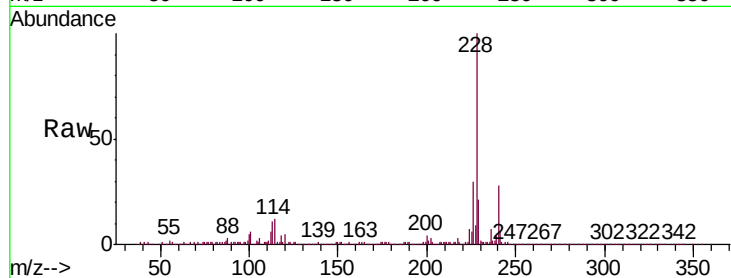




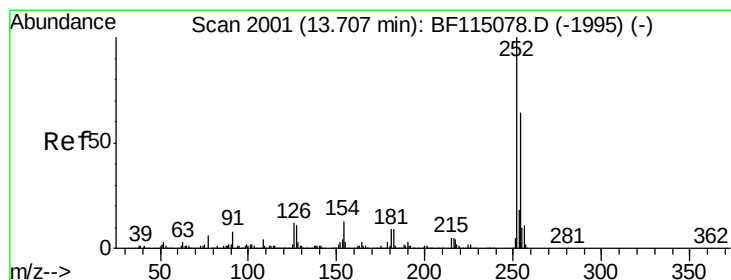
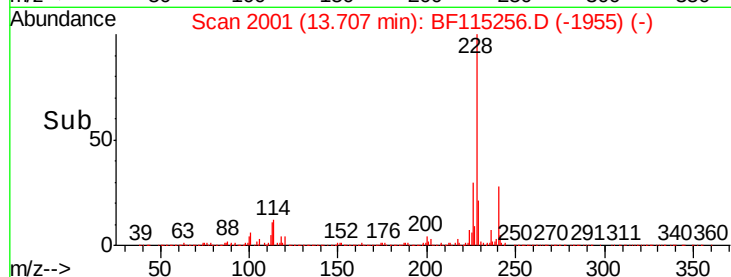
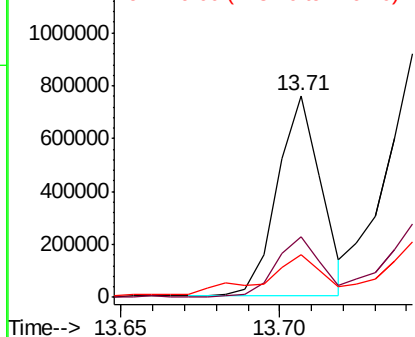
#81
Benzo(a)anthracene
Concen: 13.712 ng
RT: 13.71 min Scan# 2001
Delta R.T. -0.03 min
Lab File: BF115256.D
Acq: 28 Jun 2019 1:21

Instrument :
BNA_F
ClientSampleId :
TRIANGLE-AREA-SOIL-A

Tgt Ion: 228 Resp: 728150
Ion Ratio Lower Upper
228 100
226 30.2 22.5 33.7
229 21.3 16.6 24.8

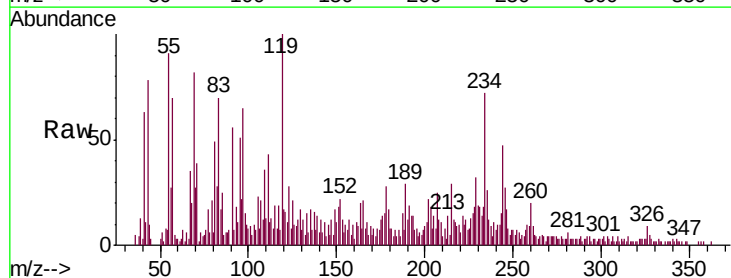


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

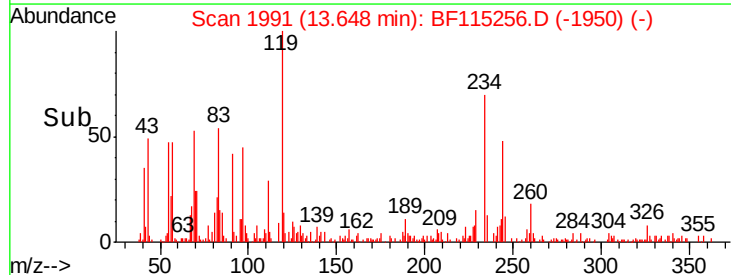
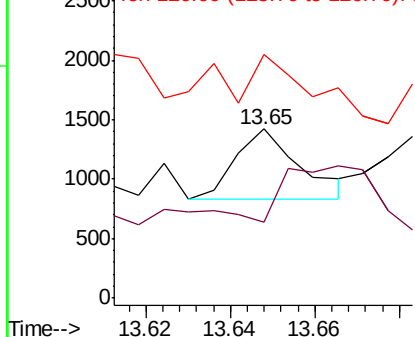


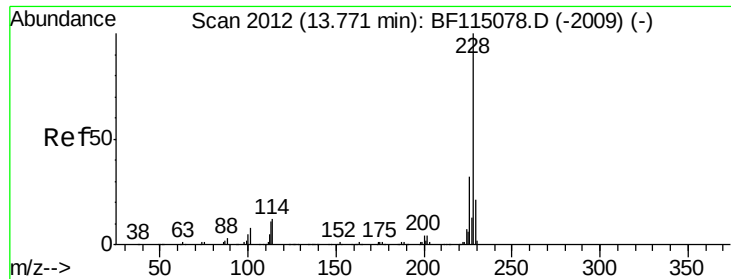
#82
3,3'-Dichlorobenzidine
Concen: 0.032 ng
RT: 13.65 min Scan# 1991
Delta R.T. -0.06 min
Lab File: BF115256.D
Acq: 28 Jun 2019 1:21

Tgt Ion: 252 Resp: 620
Ion Ratio Lower Upper
252 100
254 45.3 51.1 76.7#
126 143.7 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: 18.659 ng

RT: 13.74 min Scan# 2007

Delta R.T. -0.03 min

Lab File: BF115256.D

Acq: 28 Jun 2019 1:21

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-A

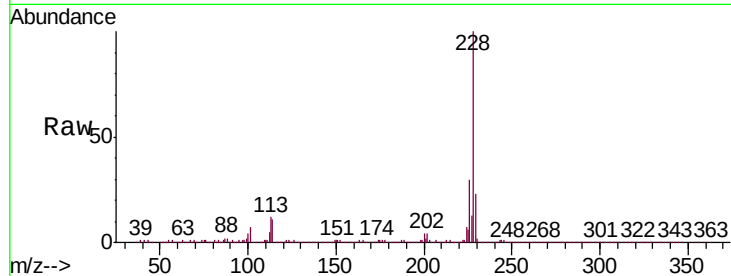
Tgt Ion:228 Resp: 907659

Ion Ratio Lower Upper

228 100

226 30.3 25.4 38.0

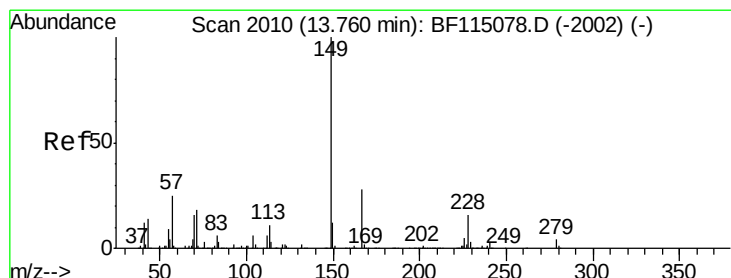
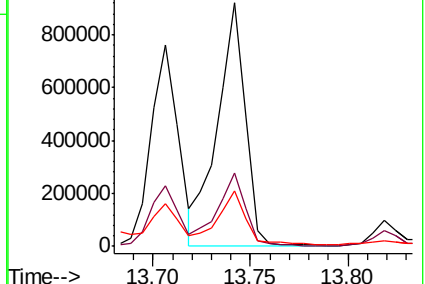
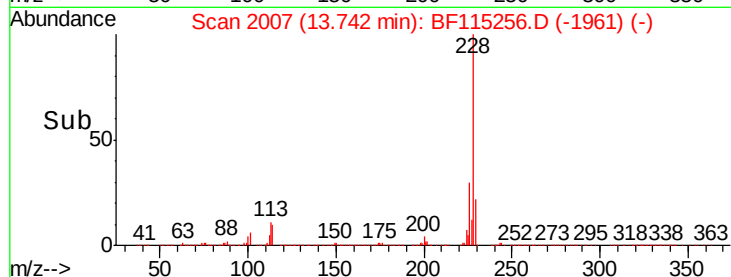
229 22.6 16.5 24.7



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: 1.215 ng

RT: 13.73 min Scan# 2005

Delta R.T. -0.03 min

Lab File: BF115256.D

Acq: 28 Jun 2019 1:21

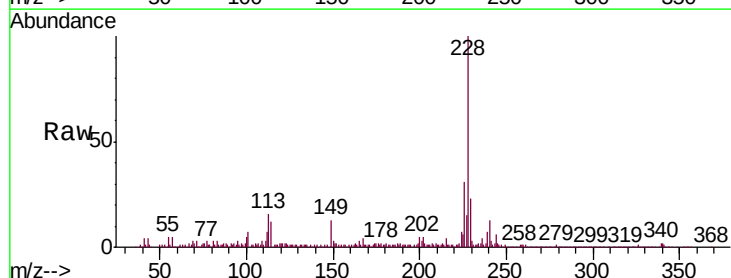
Tgt Ion:149 Resp: 39957

Ion Ratio Lower Upper

149 100

167 33.4 22.2 33.4#

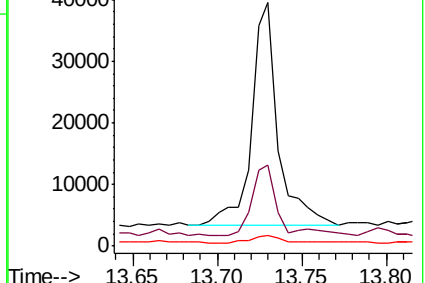
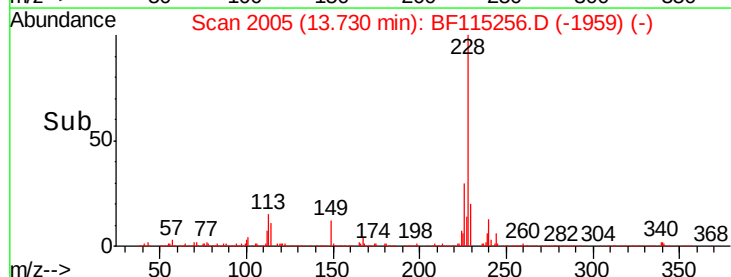
279 4.5 2.9 4.3#

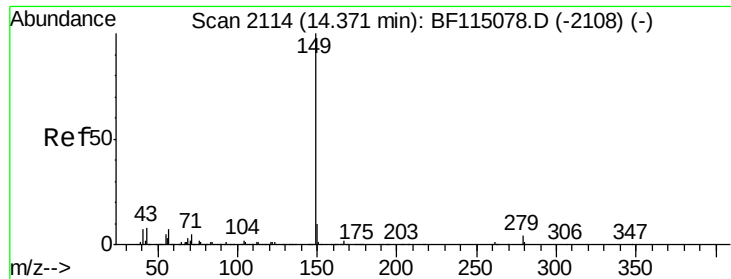


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 0.048 ng

RT: 14.34 min Scan# 2108

Delta R.T. -0.04 min

Lab File: BF115256.D

Acq: 28 Jun 2019 1:21

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-A

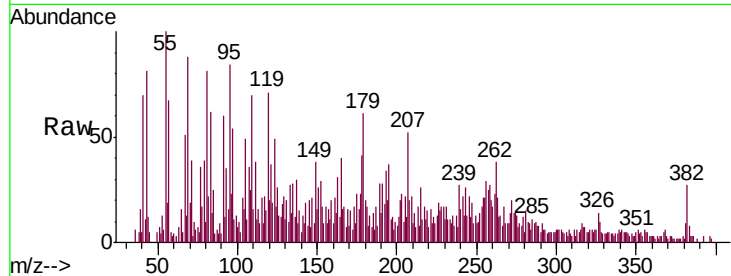
Tgt Ion:149 Resp: 2666

Ion Ratio Lower Upper

149 100

167 87.5 1.2 1.8#

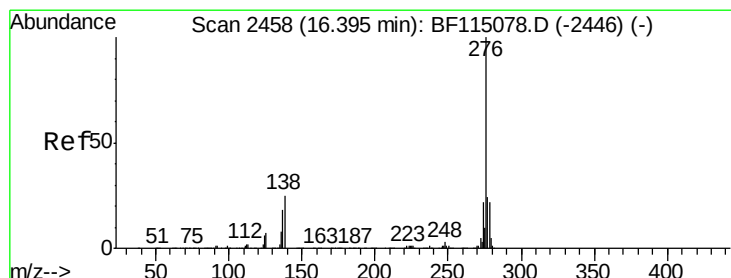
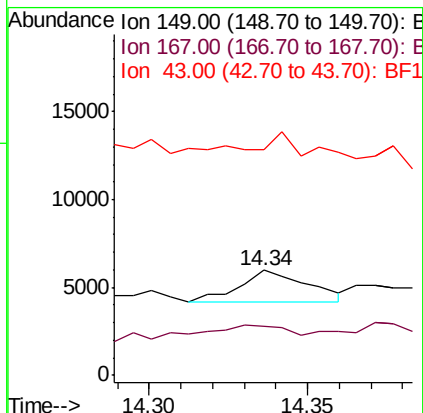
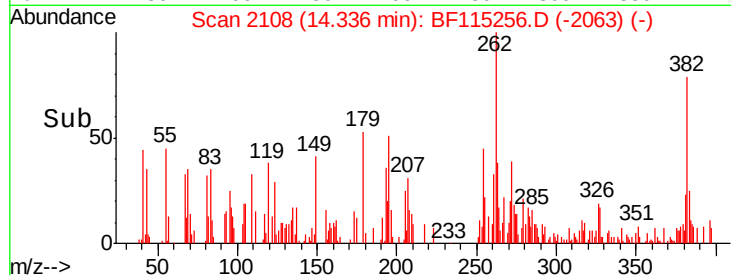
43 0.0 7.0 10.6#



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: 5.013 ng

RT: 16.34 min Scan# 2448

Delta R.T. -0.06 min

Lab File: BF115256.D

Acq: 28 Jun 2019 1:21

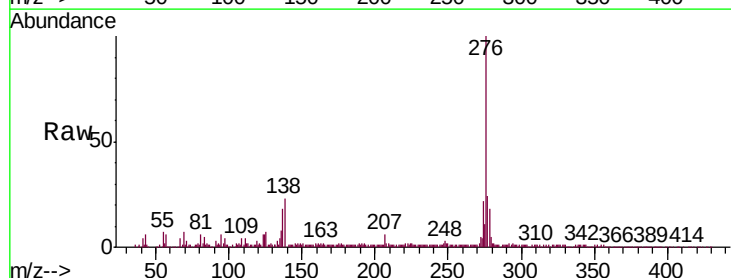
Tgt Ion:276 Resp: 288568

Ion Ratio Lower Upper

276 100

138 25.0 23.2 34.8

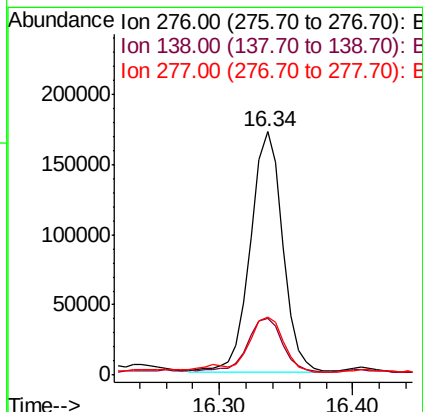
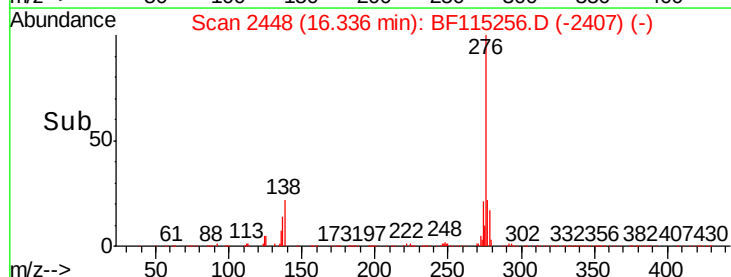
277 24.1 20.1 30.1

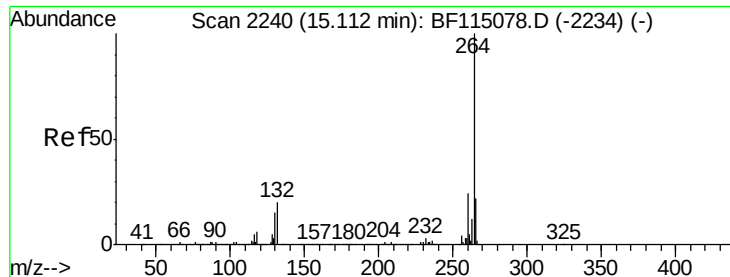


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.08 min Scan# 2234

Delta R.T. -0.04 min

Lab File: BF115256.D

Acq: 28 Jun 2019 1:21

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-A

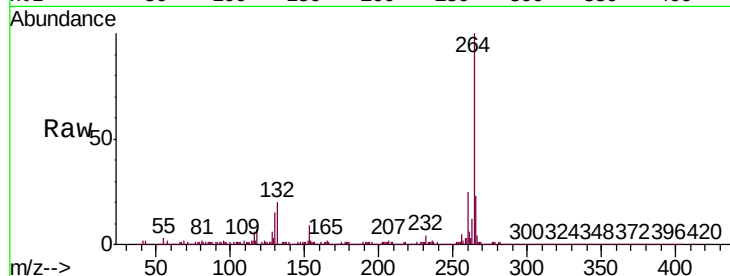
Tgt Ion:264 Resp: 696782

Ion Ratio Lower Upper

264 100

260 24.7 19.6 29.4

265 23.0 17.3 25.9

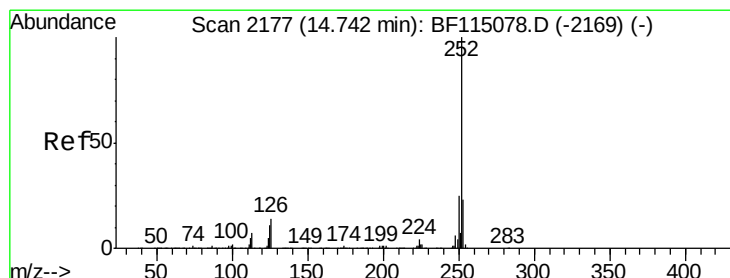
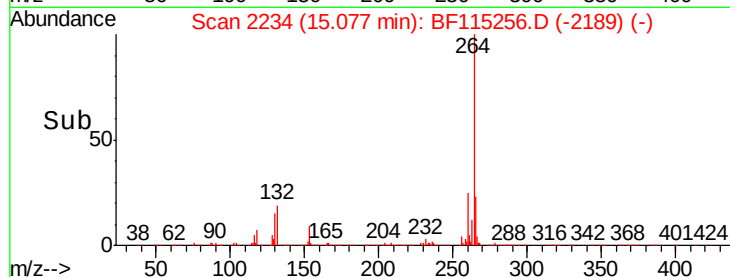
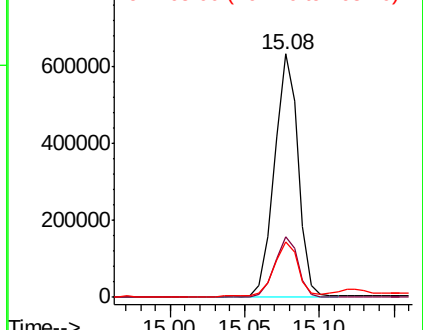


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 28.675 ng

RT: 14.71 min Scan# 2171

Delta R.T. -0.04 min

Lab File: BF115256.D

Acq: 28 Jun 2019 1:21

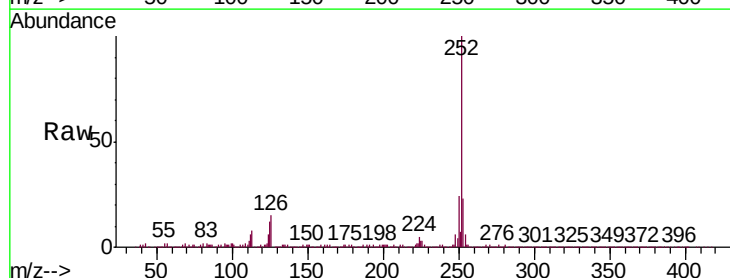
Tgt Ion:252 Resp: 1246697

Ion Ratio Lower Upper

252 100

253 23.2 18.1 27.1

125 12.4 8.7 13.1

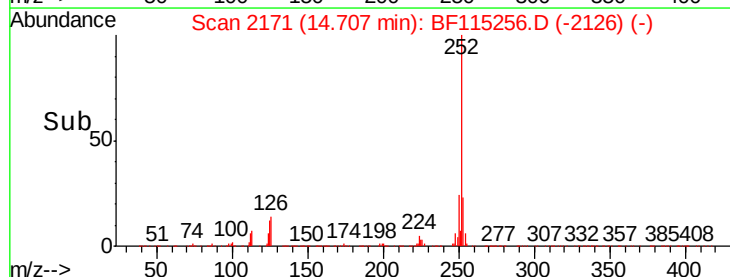
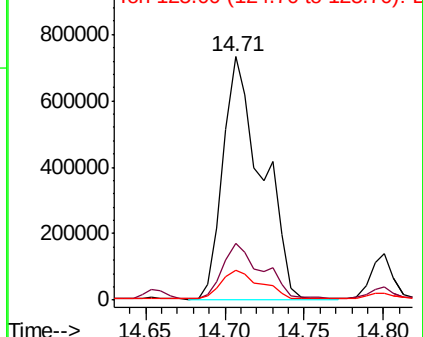


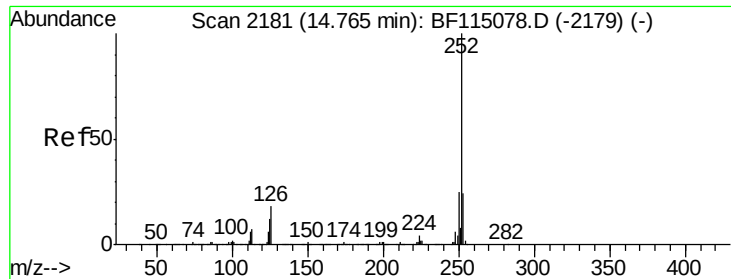
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

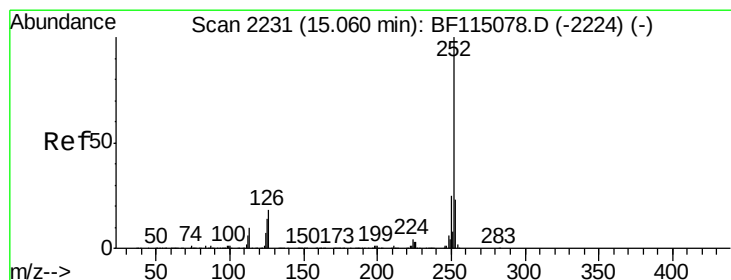
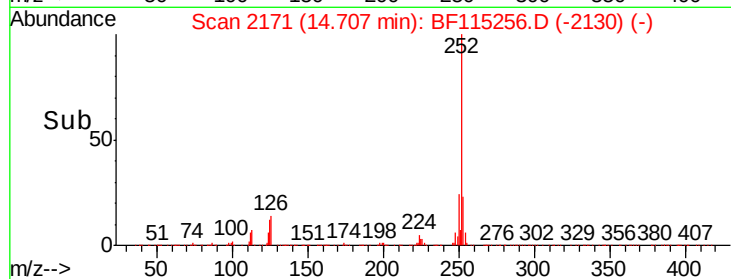
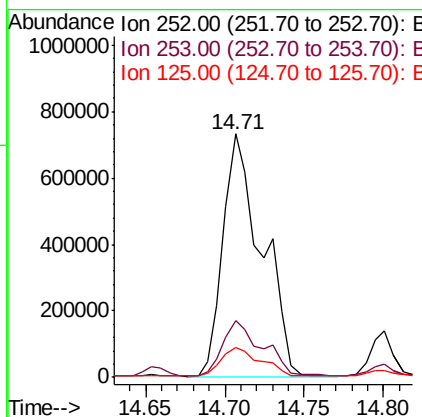
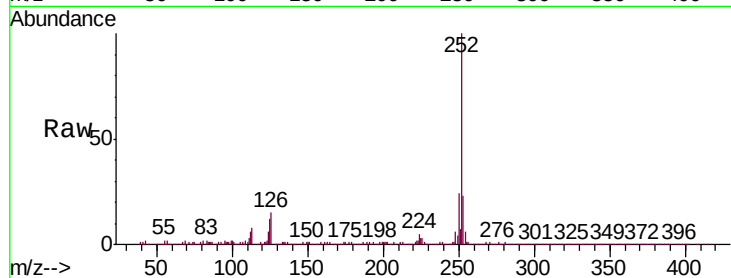




#89
Benzo(k)fluoranthene
Concen: 31.975 ng
RT: 14.71 min Scan# 2171
Delta R.T. -0.06 min
Lab File: BF115256.D
Acq: 28 Jun 2019 1:21

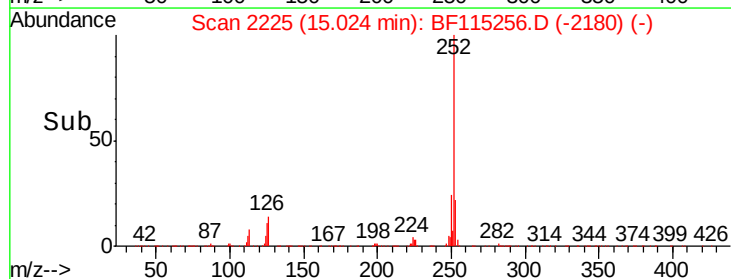
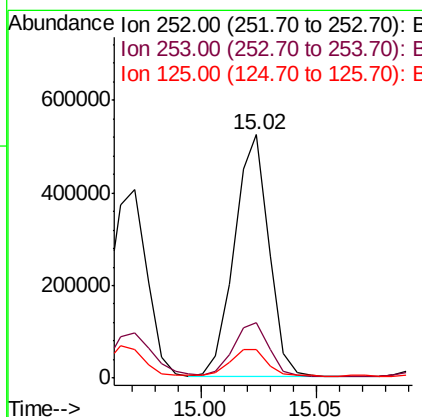
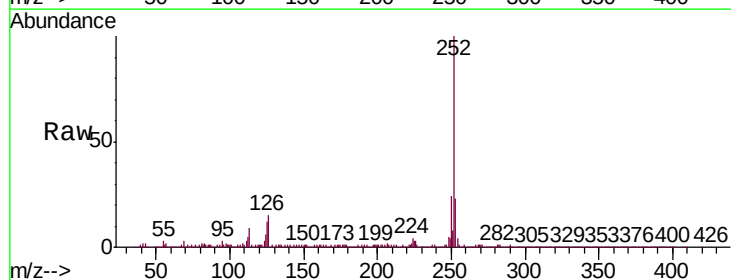
Instrument :
BNA_F
ClientSampleId :
TRIANGLE-AREA-SOIL-A

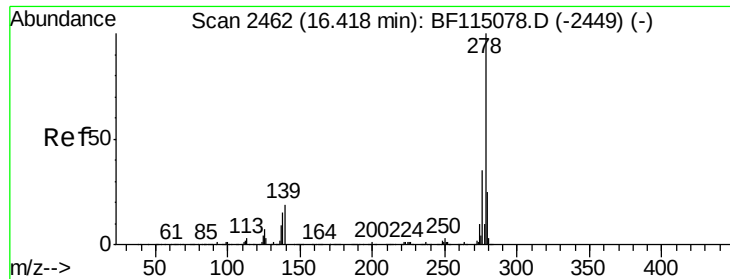
Tgt Ion:252 Resp: 1246697
Ion Ratio Lower Upper
252 100
253 23.2 18.9 28.3
125 12.4 10.2 15.2



#90
Benzo(a)pyrene
Concen: 13.938 ng
RT: 15.02 min Scan# 2225
Delta R.T. -0.04 min
Lab File: BF115256.D
Acq: 28 Jun 2019 1:21

Tgt Ion:252 Resp: 546196
Ion Ratio Lower Upper
252 100
253 23.0 18.3 27.5
125 11.8 10.9 16.3



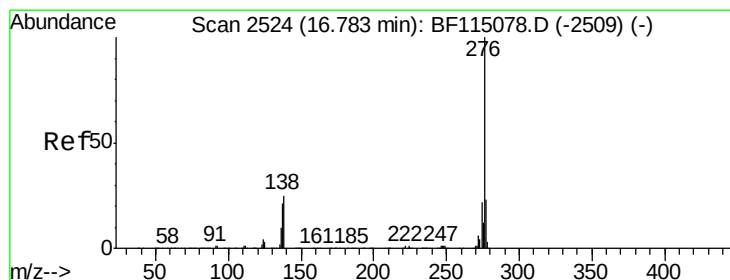
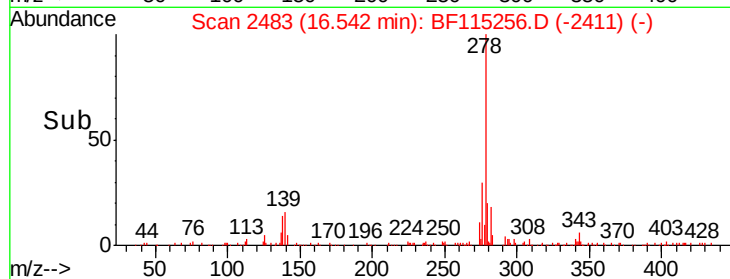
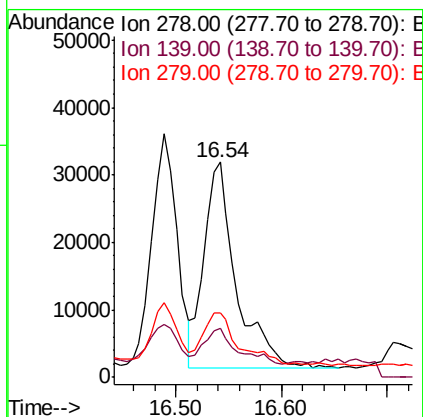
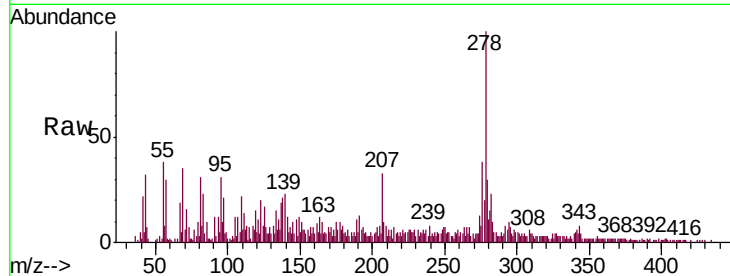


#91
Dibenzo(a,h)anthracene
Concen: 1.764 ng
RT: 16.54 min Scan# 2483
Delta R.T. 0.12 min
Lab File: BF115256.D
Acq: 28 Jun 2019 1:21

Instrument :
BNA_F
ClientSampleId :
TRIANGLE-AREA-SOIL-A

Tgt Ion: 278 Resp: 64516

Ion	Ratio	Lower	Upper
278	100		
139	22.6	15.4	23.2
279	29.8	19.9	29.9



#92
Benzo(g,h,i)perylene
Concen: 6.940 ng
RT: 16.71 min Scan# 2512
Delta R.T. -0.07 min
Lab File: BF115256.D
Acq: 28 Jun 2019 1:21

Tgt Ion: 276 Resp: 256952

Ion	Ratio	Lower	Upper
276	100		
277	25.0	18.6	28.0
138	23.4	19.8	29.6

