

Data File : BF115255.D
Acq On : 28 Jun 2019 00:54
Operator : HP/JU
Sample : K3532-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Jun 28 05:03:56 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	243440	20.00	ng	-0.02
21) Naphthalene-d8	7.88	136	918162	20.00	ng	-0.02
39) Acenaphthene-d10	9.62	164	450064	20.00	ng	-0.02
64) Phenanthrene-d10	11.09	188	895184	20.00	ng	-0.02
76) Chrysene-d12	13.71	240	717563	20.00	ng	-0.04
87) Perylene-d12	15.08	264	684838	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1497434	94.92	ng	-0.01
7) Phenol-d6	6.24	99	1876186	97.99	ng	-0.01
23) Nitrobenzene-d5	7.16	82	1126671	75.49	ng	-0.02
42) 2,4,6-Tribromophenol	10.41	330	522040	109.99	ng	-0.02
45) 2-Fluorobiphenyl	8.95	172	1828672	69.02	ng	-0.03
79) Terphenyl-d14	12.68	244	1977205	58.59	ng	-0.03

Target Compounds				Qvalue		
3) Pyridine	3.08	79	111	0.005	ng	# 26
4) n-Nitrosodimethylamine	2.83	42	234	0.028	ng	# 1
6) Aniline	6.25	93	712	0.027	ng	# 1
8) 2-Chlorophenol	6.38	128	406	0.023	ng	# 1
9) Benzaldehyde	6.14	77	1415	0.113	ng	# 84
10) Phenol	6.25	94	13017	0.580	ng	# 17
11) bis(2-Chloroethyl)ether	6.37	93	2279	0.138	ng	# 1
15) Benzyl Alcohol	6.75	79	18941	1.359	ng	# 39
16) 2,2'-oxybis(1-Chloropropan	6.88	45	463	0.019	ng	# 67
17) 2-Methylphenol	6.74	107	538	0.037	ng	# 1
18) Hexachloroethane	7.11	117	713	0.100	ng	# 1
19) n-Nitroso-di-n-propylamine	7.16	70	148754	12.135	ng	# 77
20) 3+4-Methylphenols	7.02	107	565	0.033	ng	# 69
22) Acetophenone	7.00	105	1261	0.060	ng	# 87
24) Nitrobenzene	7.20	77	251	0.015	ng	# 35
25) Isophorone	7.16	82	1115568	36.485	ng	# 63
27) 2,4-Dimethylphenol	7.55	122	114	0.009	ng	# 6
28) bis(2-Chloroethoxy)methane	7.88	93	392	0.020	ng	# 1
31) Naphthalene	7.90	128	12277	0.272	ng	# 98
32) Benzoic acid	7.55	122	114	0.012	ng	# 86
33) 4-Chloroaniline	7.90	127	1651	0.080	ng	# 40
35) Caprolactam	8.27	113	1067	0.231	ng	# 87
36) 4-Chloro-3-methylphenol	8.45	107	462	0.033	ng	# 17
37) 2-Methylnaphthalene	8.68	142	4542	0.149	ng	# 97
38) 1-Methylnaphthalene	8.68	142	4542	0.156	ng	# 93
46) 1,1'-Biphenyl	9.05	154	4828	0.134	ng	# 88
47) 2-Chloronaphthalene	9.15	162	225	0.008	ng	# 39
48) 2-Nitroaniline	9.08	65	395	0.046	ng	# 1
49) Acenaphthylene	9.48	152	34333	0.754	ng	# 96
50) Dimethylphthalate	9.35	163	355766	10.744	ng	# 99
51) 2,6-Dinitrotoluene	9.35	165	4026	0.527	ng	# 10
52) Acenaphthene	9.65	154	13085	0.459	ng	# 98
55) Dibenzofuran	9.82	168	6494	0.159	ng	# 95
56) 4-Nitrophenol	9.78	139	113	0.015	ng	# 28

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
57) 2,4-Dinitrotoluene	9.62	165	59595	6.038	ng	# 30
58) Fluorene	10.17	166	13491	Below Cal		# 96
60) Diethylphthalate	10.05	149	4875	0.146	ng	96
62) 4-Nitroaniline	10.16	138	108	0.012	ng	# 24
63) Azobenzene	10.32	77	1118	0.036	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.41	198	1103	5.168	ng	# 1
66) n-Nitrosodiphenylamine	10.28	169	4912	0.176	ng	# 52
67) 4-Bromophenyl-phenylether	10.41	248	32741	3.373	ng	# 1
71) Phenanthrene	11.12	178	319952	6.638	ng	96
72) Anthracene	11.17	178	69374	1.426	ng	99
73) Carbazole	11.32	167	22038	0.507	ng	99
74) Di-n-butylphthalate	11.67	149	26829	0.534	ng	# 97
75) Fluoranthene	12.29	202	630601	13.113	ng	97
77) Benzidine	12.68	184	26001	0.816	ng	97
78) Pyrene	12.52	202	649392	11.776	ng	98
80) Butylbenzylphthalate	13.16	149	61391	2.523	ng	91
81) Benzo(a)anthracene	13.70	228	313880	6.096	ng	96
82) 3,3'-Dichlorobenzidine	13.65	252	1476	0.079	ng	# 46
83) Chrysene	13.74	228	312071	6.617	ng	97
84) Bis(2-ethylhexyl)phthalate	13.72	149	19307	0.605	ng	# 99
85) Di-n-octyl phthalate	14.33	149	1402	0.026	ng	# 1
86) Indeno(1,2,3-cd)pyrene	16.33	276	127885	2.291	ng	95
88) Benzo(b)fluoranthene	14.70	252	464076	10.860	ng	98
89) Benzo(k)fluoranthene	14.70	252	464076	12.110	ng	99
90) Benzo(a)pyrene	15.02	252	249344	6.474	ng	98
91) Dibenzo(a,h)anthracene	16.41	278	11844	0.329	ng	# 69
92) Benzo(g,h,i)perylene	16.71	276	118503	3.256	ng	97

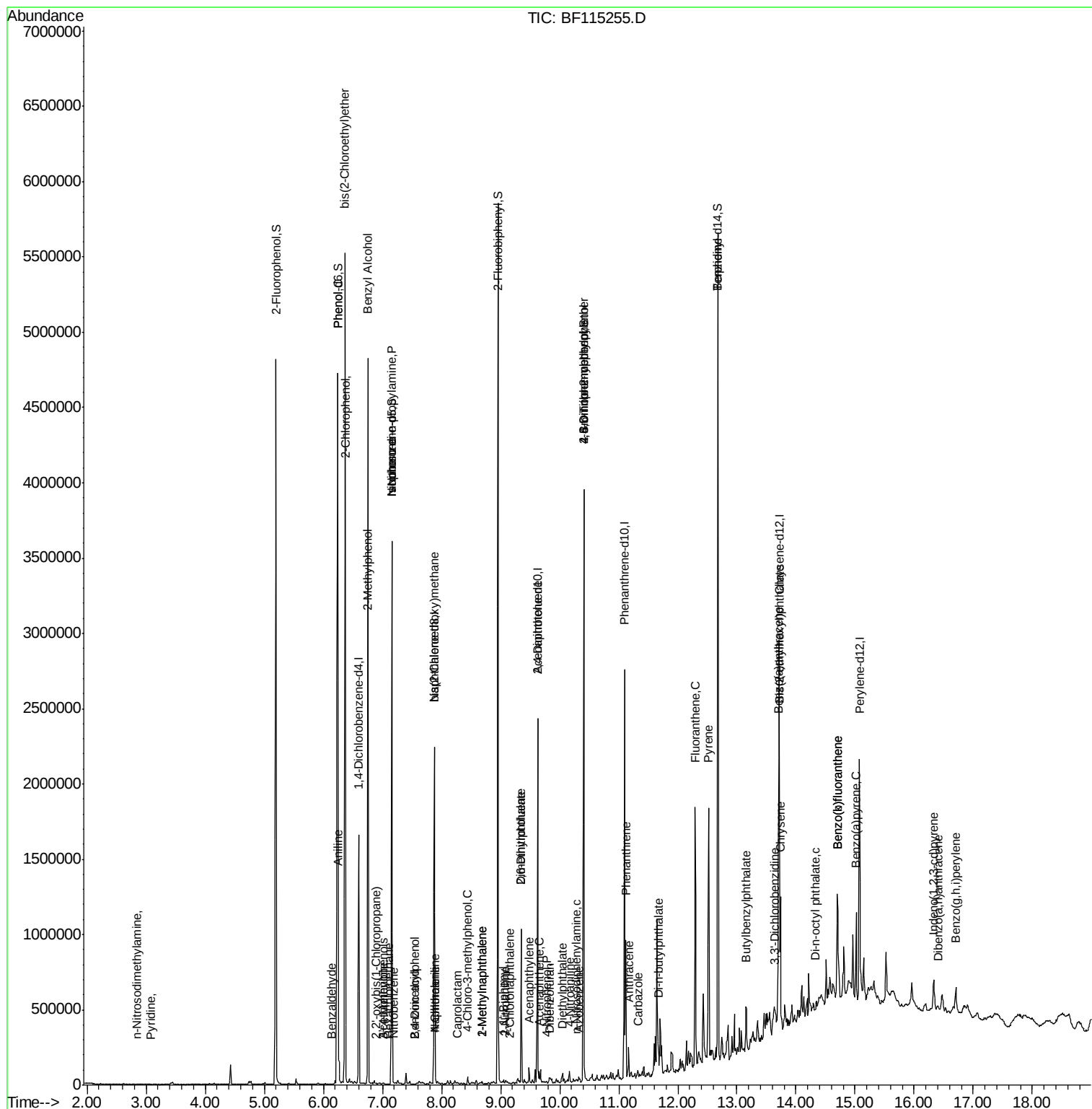
(#) = qualifier out of range (m) = manual integration (+) = signals summed

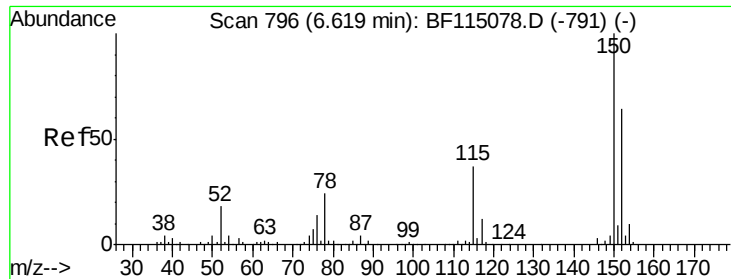
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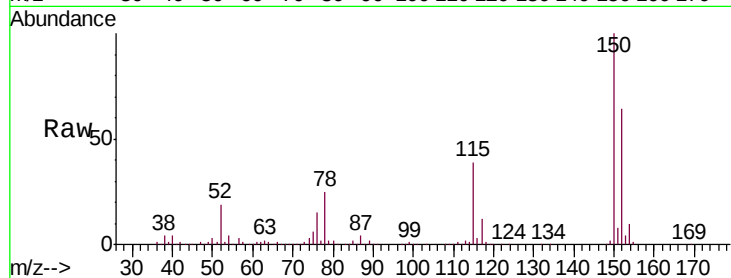


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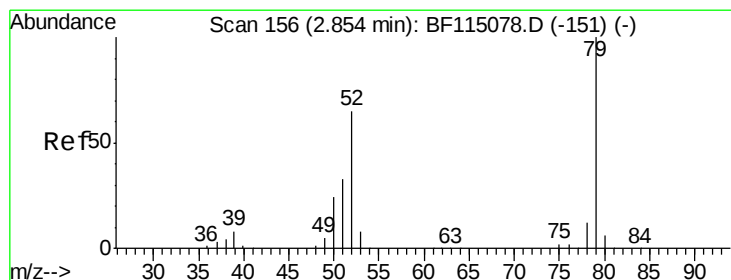
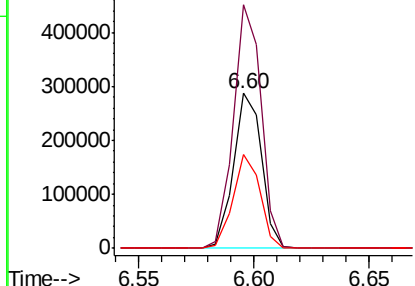
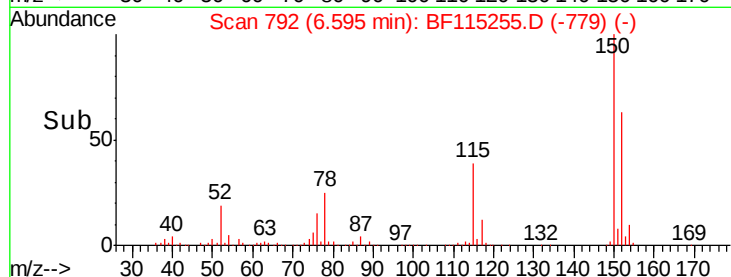
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 792
Delta R.T. -0.02 min
Lab File: BF115255.D
Acq: 28 Jun 2019 00:54

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

Tgt Ion: 152 Resp: 243440
Ion Ratio Lower Upper
152 100
150 157.1 124.2 186.2
115 60.7 46.1 69.1



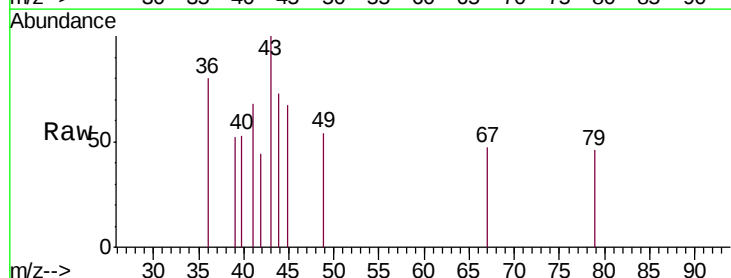
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



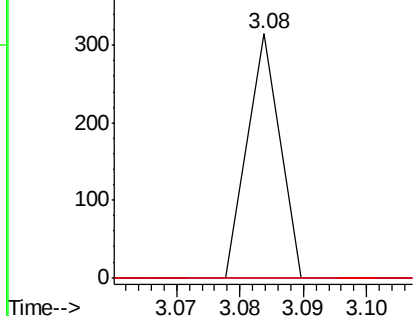
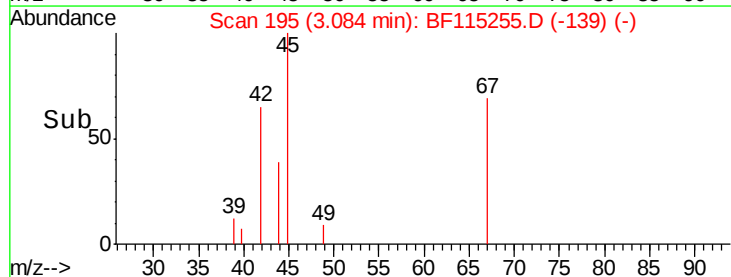
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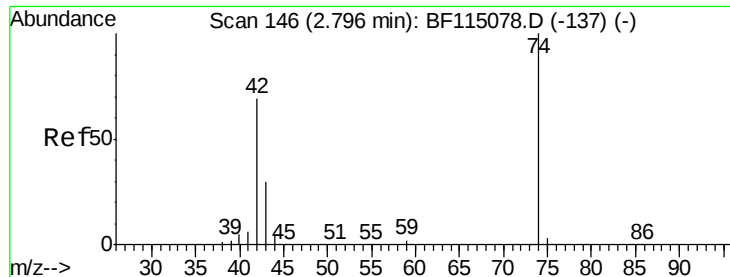
Pyridine
Concen: 0.005 ng
RT: 3.08 min Scan# 195
Delta R.T. 0.23 min
Lab File: BF115255.D
Acq: 28 Jun 2019 00:54

Tgt Ion: 79 Resp: 111
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



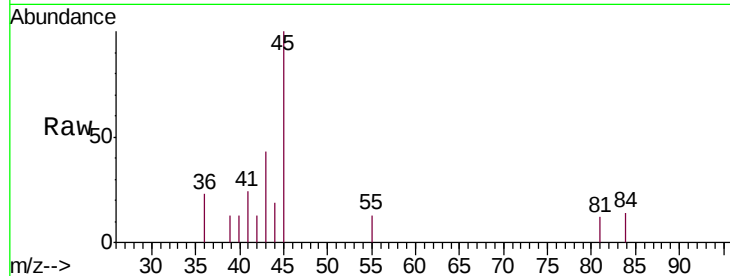


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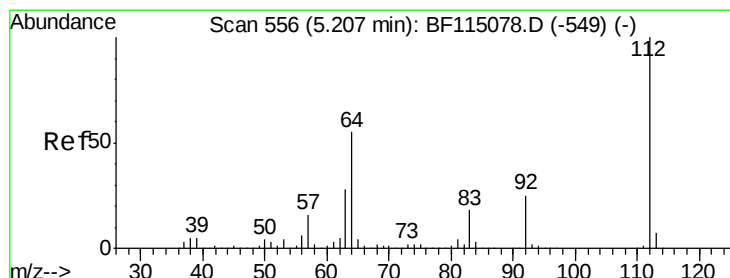
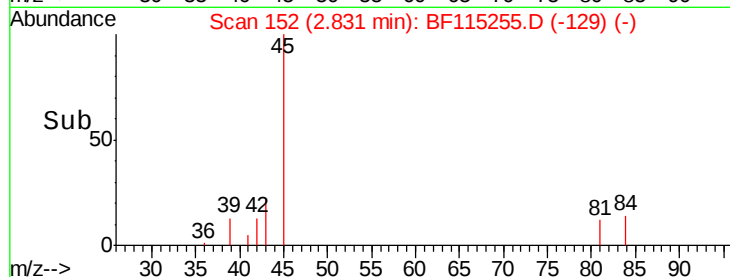
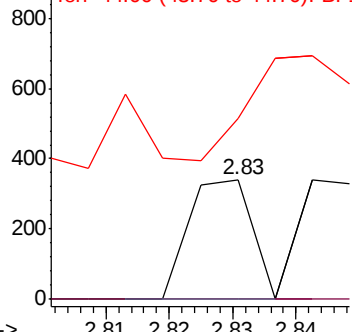
n-Nitrosodimethylamine
 Concen: 0.028 ng
 RT: 2.83 min Scan# 152
 Delta R.T. 0.04 min
 Lab File: BF115255.D
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 TRIANGLE-AREA-SOIL-B

Tgt Ion: 42 Resp: 234
 Ion Ratio Lower Upper
 42 100
 74 0.0 116.6 175.0#
 44 151.8 5.3 7.9#



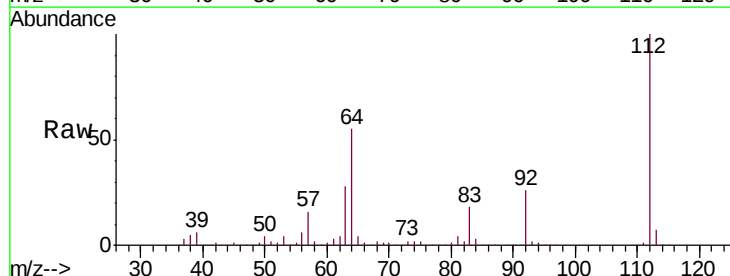
Abundance Ion 42.00 (41.70 to 42.70): BF1
 Ion 74.00 (73.70 to 74.70): BF1
 Ion 44.00 (43.70 to 44.70): BF1



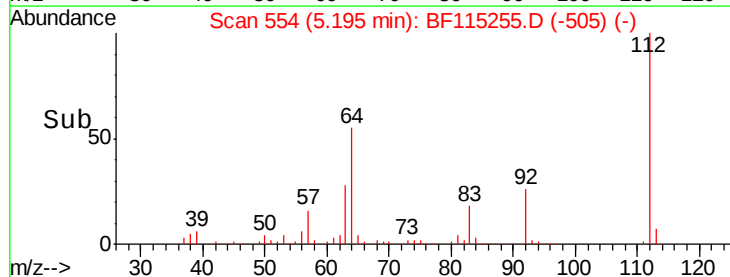
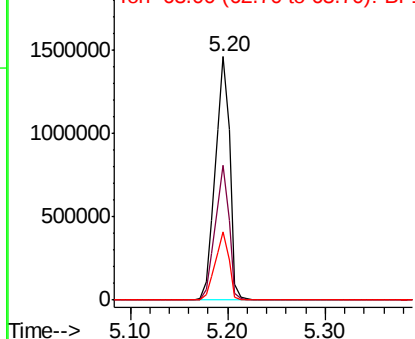
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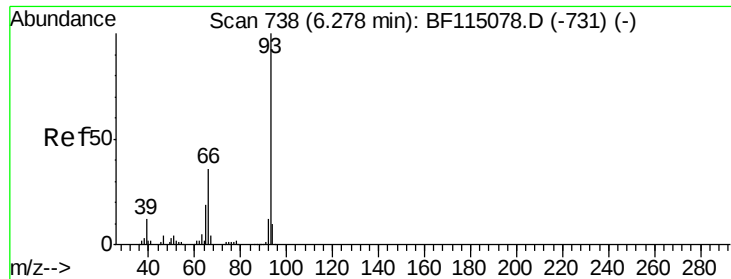
2-Fluorophenol
 Concen: 94.923 ng
 RT: 5.20 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF115255.D
 Acq: 28 Jun 2019 00:54

Tgt Ion: 112 Resp: 1497434
 Ion Ratio Lower Upper
 112 100
 64 55.1 43.8 65.6
 63 27.9 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: 0.027 ng

RT: 6.25 min Scan# 734

Delta R.T. -0.02 min

Lab File: BF115255.D

Acq: 28 Jun 2019 00:54

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-B

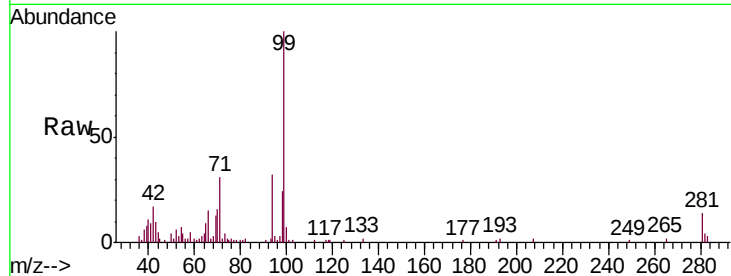
Tgt Ion: 93 Resp: 712

Ion Ratio Lower Upper

93 100

66 703.5 30.0 45.0#

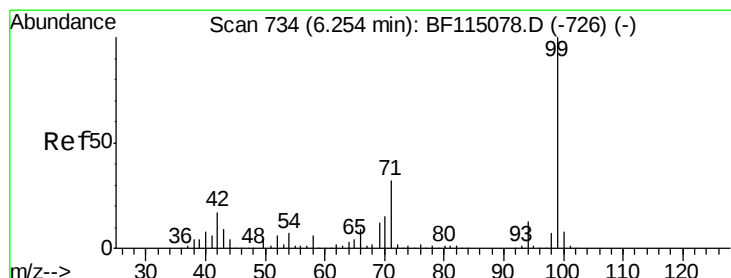
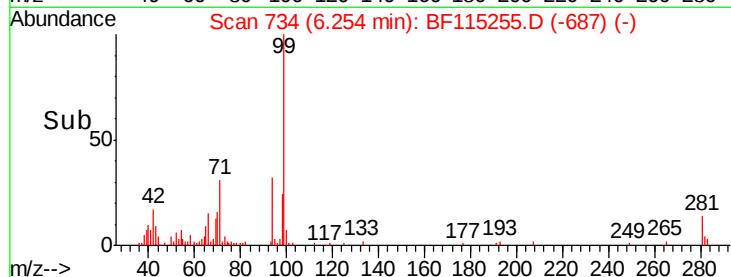
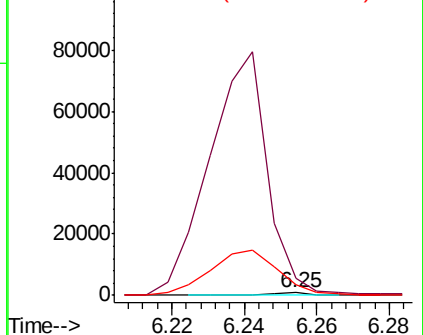
65 424.4 15.6 23.4#



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: 97.987 ng

RT: 6.24 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF115255.D

Acq: 28 Jun 2019 00:54

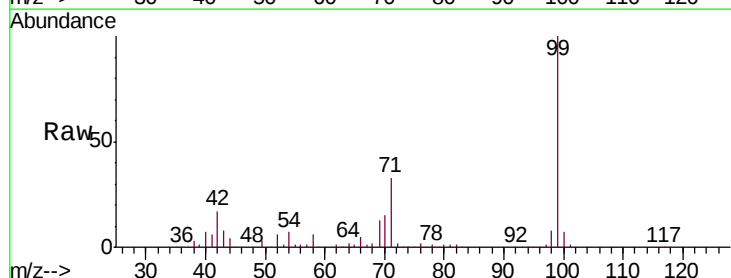
Tgt Ion: 99 Resp: 1876186

Ion Ratio Lower Upper

99 100

42 16.5 13.6 20.4

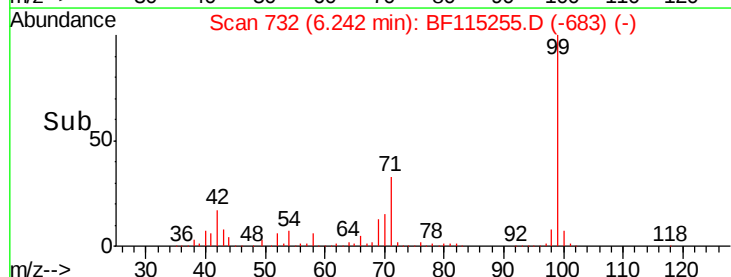
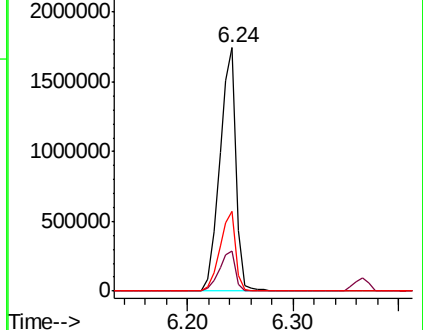
71 32.7 25.5 38.3

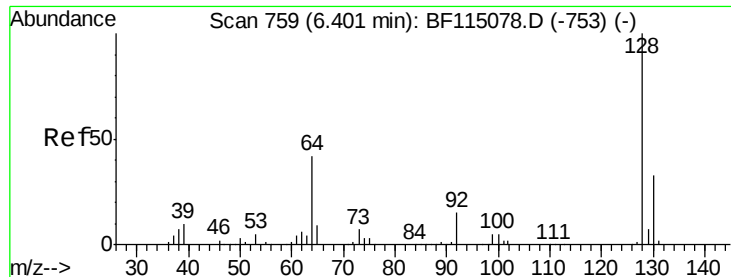


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1





#8

2-Chlorophenol

Concen: 0.023 ng

RT: 6.38 min Scan# 755

Delta R.T. -0.02 min

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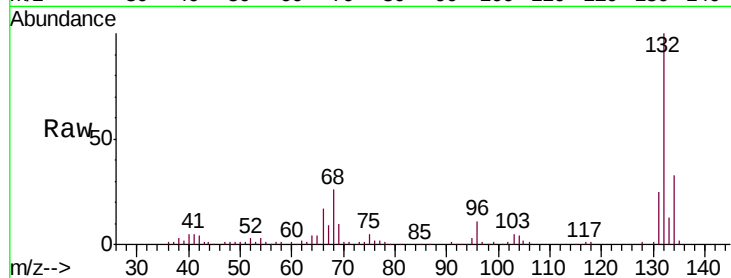
Tgt Ion: 128 Resp: 406

Ion Ratio Lower Upper

128 100

130 226.0 12.9 52.9#

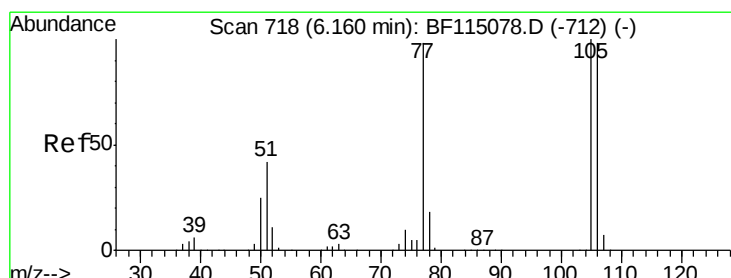
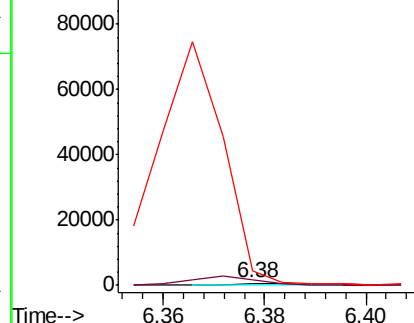
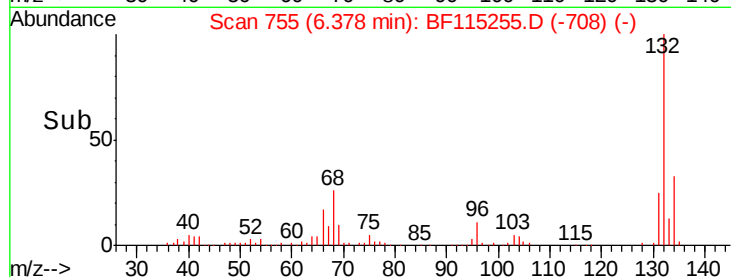
64 632.9 22.9 62.9#



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: 0.113 ng

RT: 6.14 min Scan# 714

Delta R.T. -0.02 min

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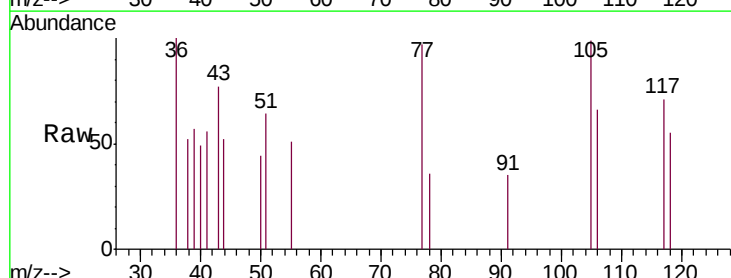
Tgt Ion: 77 Resp: 1415

Ion Ratio Lower Upper

77 100

105 101.8 81.5 121.5

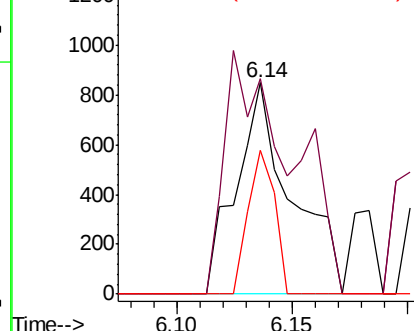
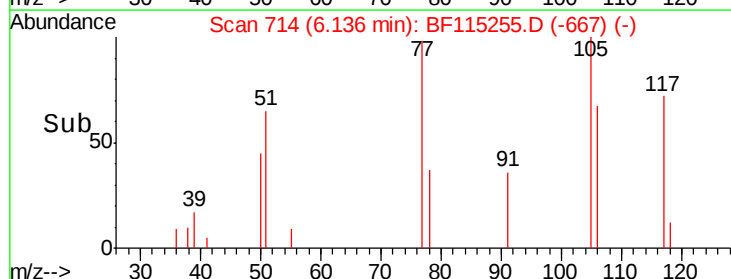
106 67.8 79.7 119.7#

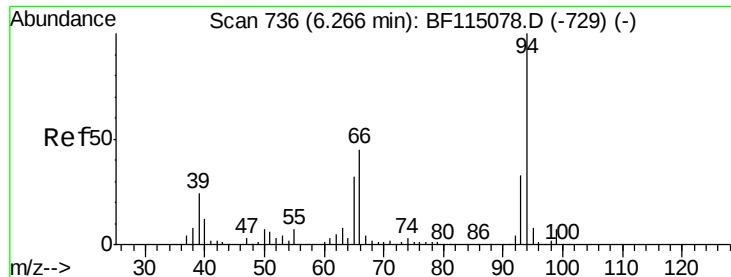


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.580 ng

RT: 6.25 min Scan# 733

Delta R.T. -0.02 min

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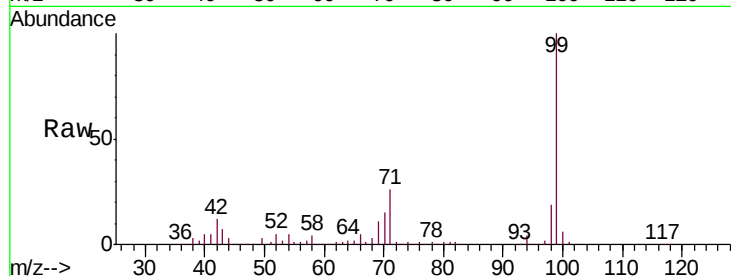
Tgt Ion: 94 Resp: 13017

Ion Ratio Lower Upper

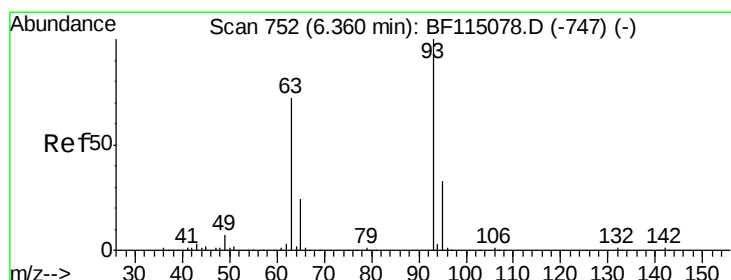
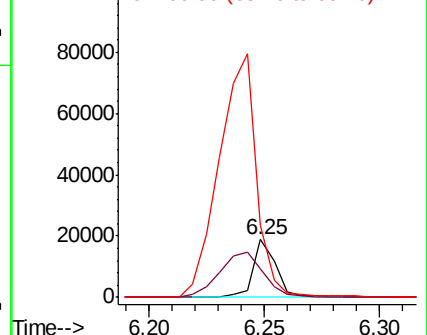
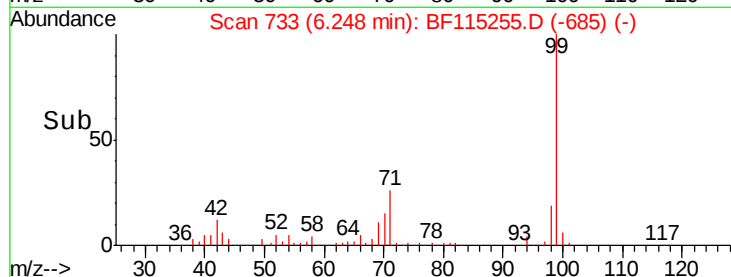
94 100

65 48.8 11.9 51.9

66 124.2 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: 0.138 ng

RT: 6.37 min Scan# 753

Delta R.T. 0.01 min

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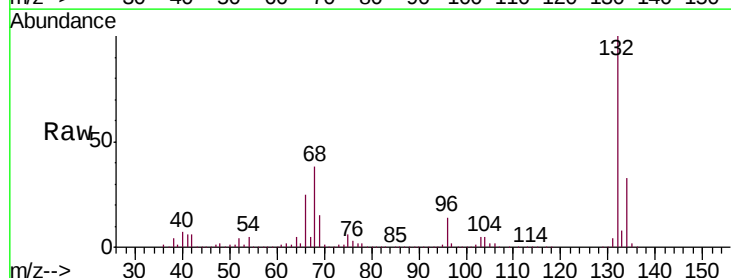
Tgt Ion: 93 Resp: 2279

Ion Ratio Lower Upper

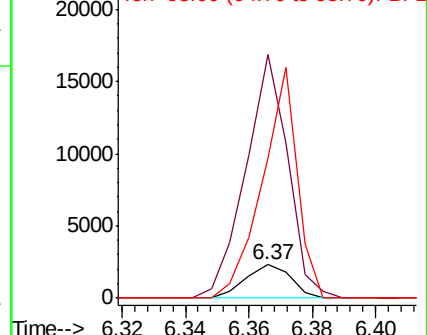
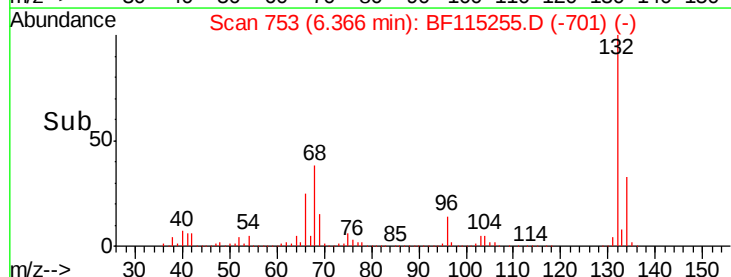
93 100

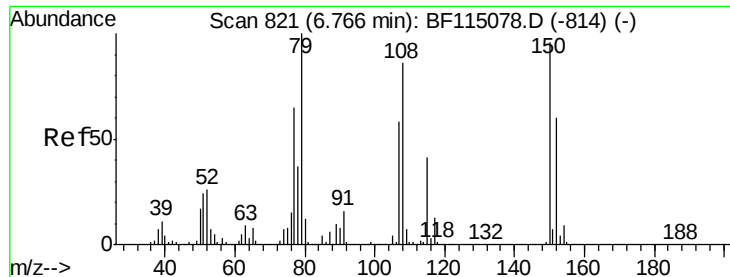
63 736.4 51.5 91.5#

95 423.8 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





#15

Benzyl Alcohol

Concen: 1.359 ng

RT: 6.75 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF115255.D

Acq: 28 Jun 2019 00:54

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-B

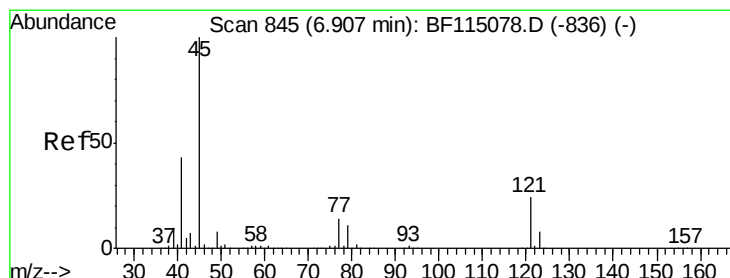
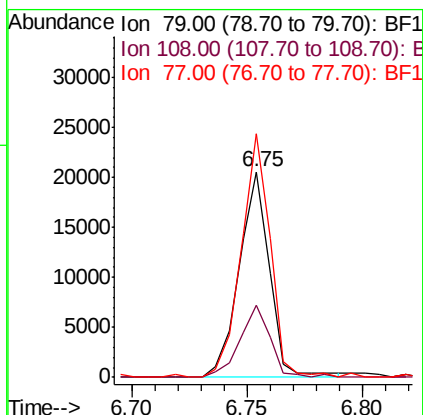
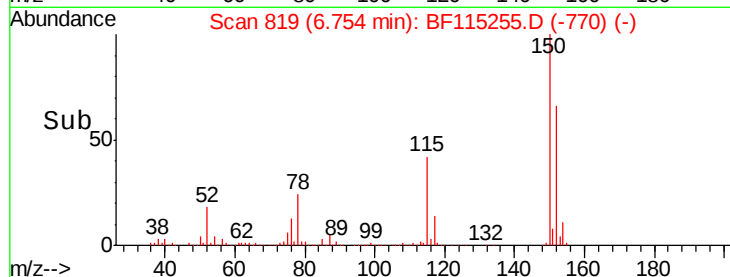
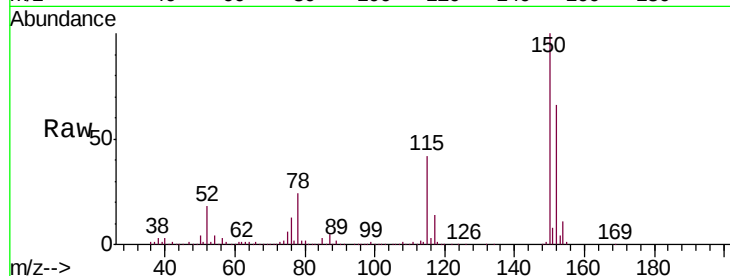
Tgt Ion: 79 Resp: 18941

Ion Ratio Lower Upper

79 100

108 35.3 68.7 103.1#

77 118.6 51.7 77.5#



#16

2,2'-oxybis(1-chloropropane)

Concen: 0.019 ng

RT: 6.88 min Scan# 841

Delta R.T. -0.02 min

Lab File: BF115255.D

Acq: 28 Jun 2019 00:54

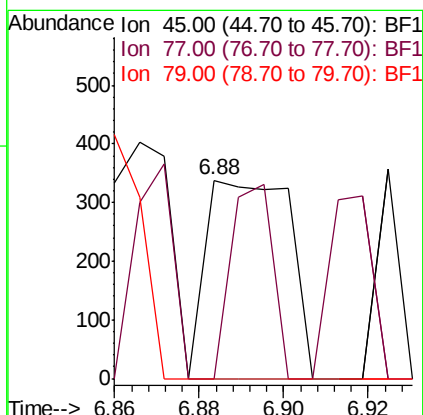
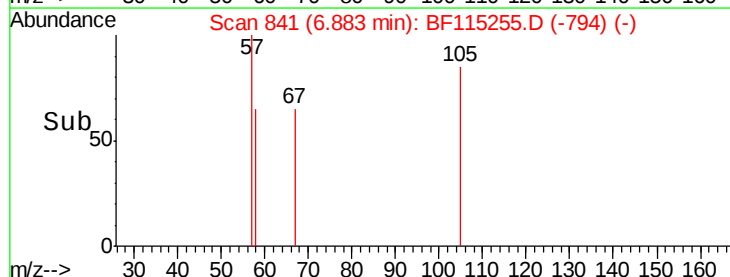
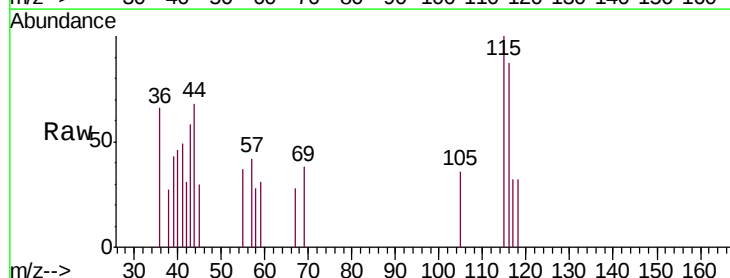
Tgt Ion: 45 Resp: 463

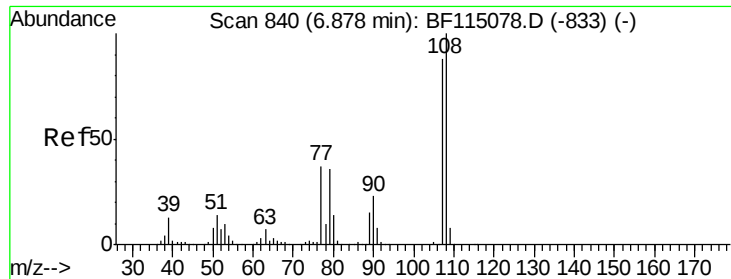
Ion Ratio Lower Upper

45 100

77 0.0 0.0 34.6

79 0.0 0.0 31.2

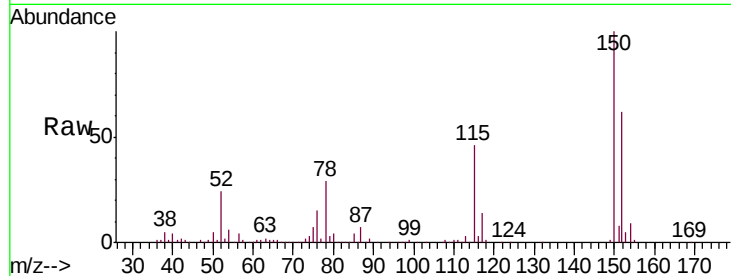




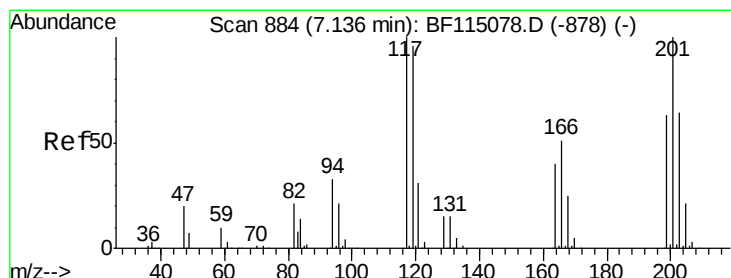
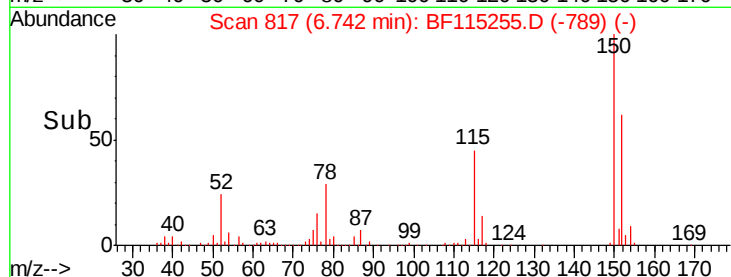
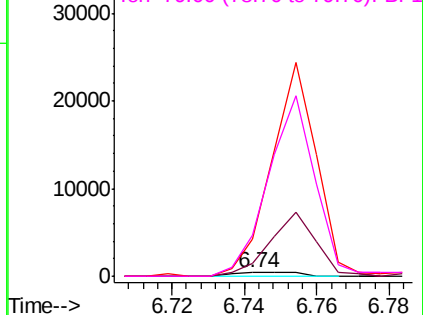
#17
2-Methylphenol
Concen: 0.037 ng
RT: 6.74 min Scan# 817
Delta R.T. -0.14 min
Lab File: BF115255.D
Acq: 28 Jun 2019 00:54

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

Tgt Ion:107 Resp: 538
Ion Ratio Lower Upper
107 100
108 327.6 90.9 136.3#
77 990.7 33.4 50.2#
79 1101.9 32.3 48.5#

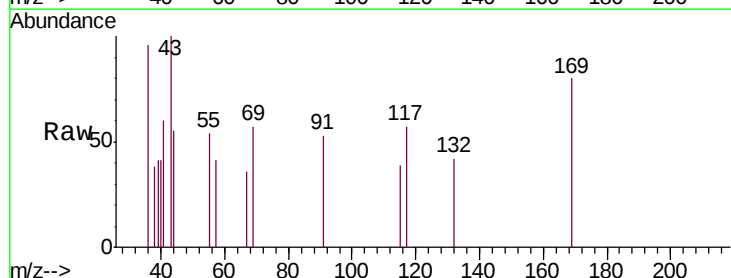


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

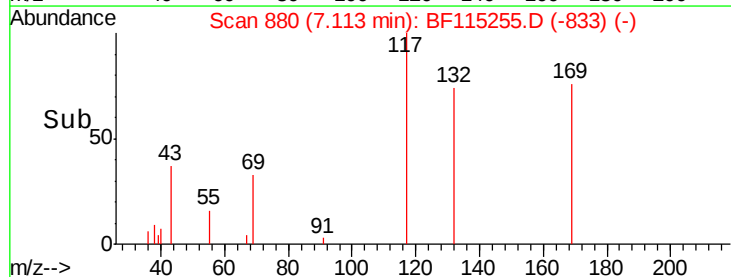
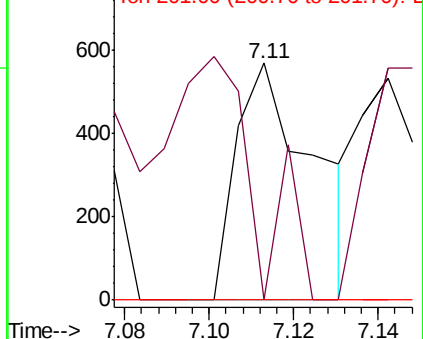


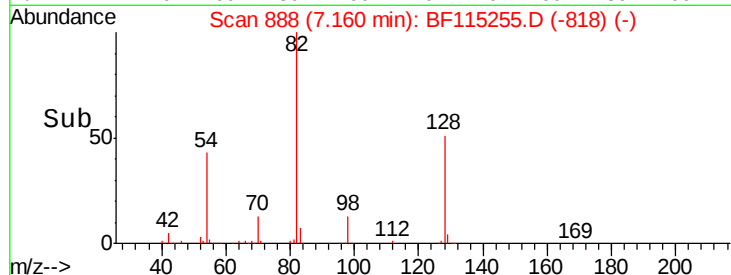
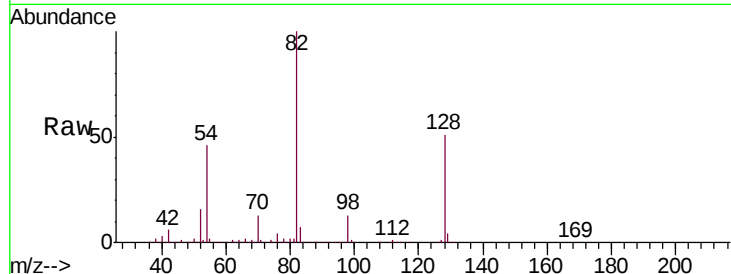
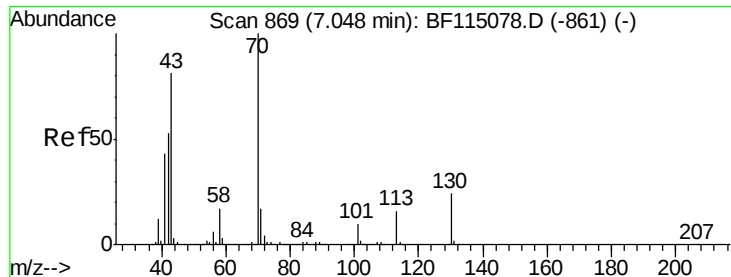
#18
Hexachloroethane
Concen: 0.100 ng
RT: 7.11 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF115255.D
Acq: 28 Jun 2019 00:54

Tgt Ion:117 Resp: 713
Ion Ratio Lower Upper
117 100
119 0.0 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

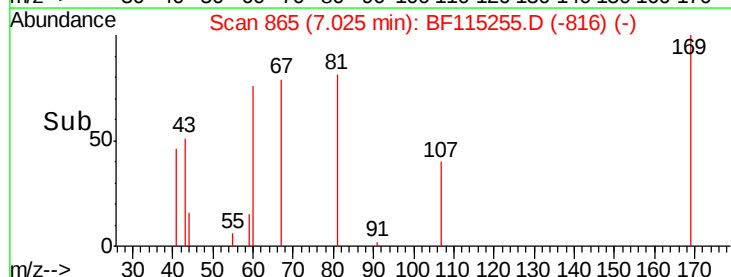
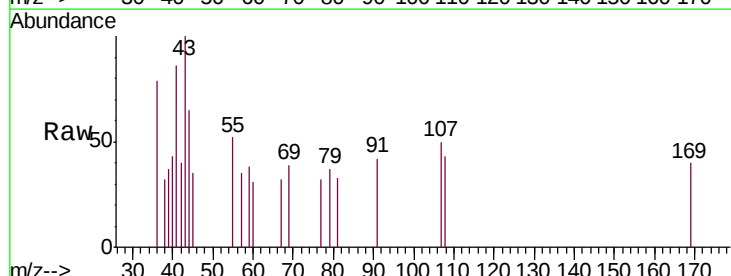
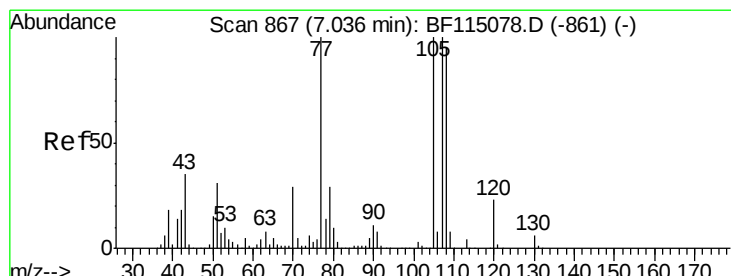
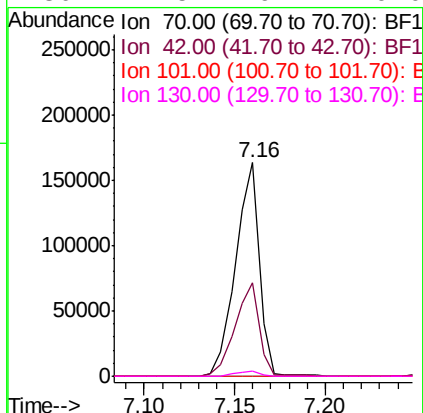




#19
n-Nitroso-di-n-propylamine
Concen: 12.135 ng
RT: 7.16 min Scan# 888
Delta R.T. 0.11 min
Lab File: BF115255.D
Acq: 28 Jun 2019 00:54

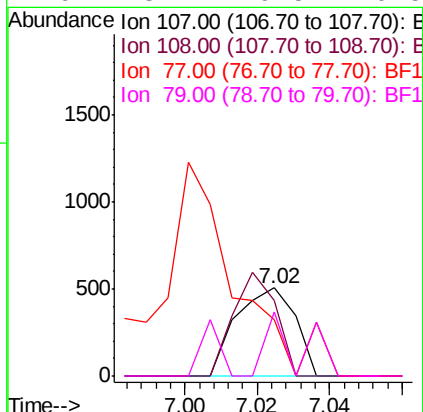
Instrument :
BNA_F
ClientSampleId :
TRIANGLE-AREA-SOIL-B

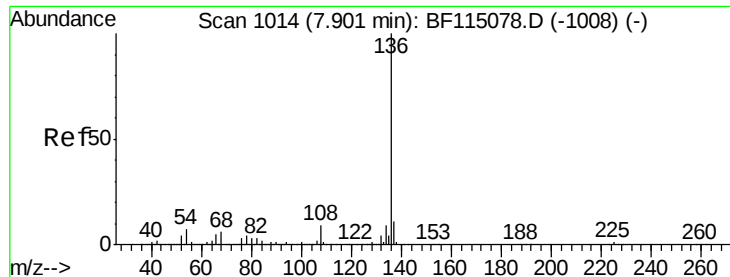
Tgt Ion: 70 Resp: 148754
Ion Ratio Lower Upper
70 100
42 44.0 42.6 63.8
101 0.0 8.0 12.0#
130 2.5 19.4 29.0#



#20
3+4-Methylphenols
Concen: 0.033 ng
RT: 7.02 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF115255.D
Acq: 28 Jun 2019 00:54

Tgt Ion: 107 Resp: 565
Ion Ratio Lower Upper
107 100
108 85.9 75.5 115.5
77 64.5 80.2 120.2#
79 73.4 9.5 49.5#

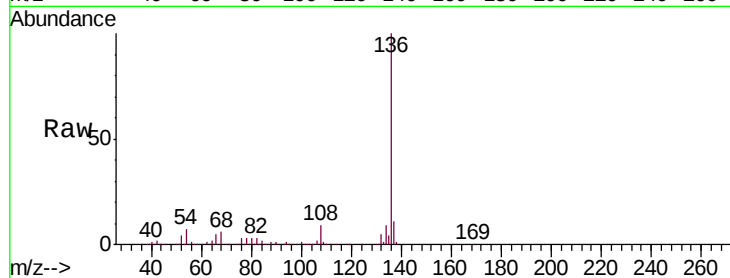




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BF115255.D
Acq: 28 Jun 2019 00:54

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

Tgt Ion:	136	Resp:	918162
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	6.9	5.6	8.4
68	6.0	4.8	7.2



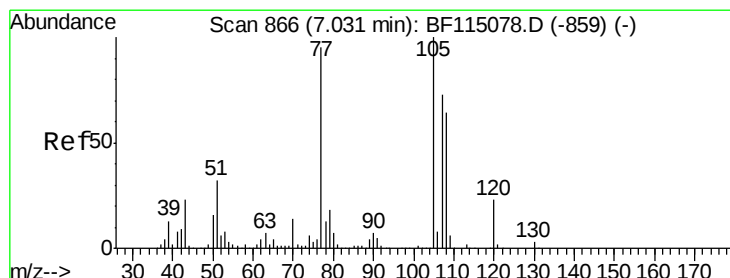
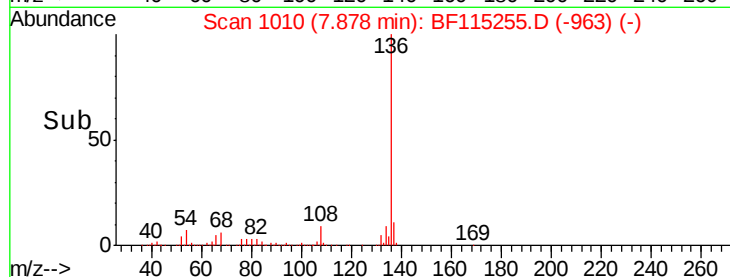
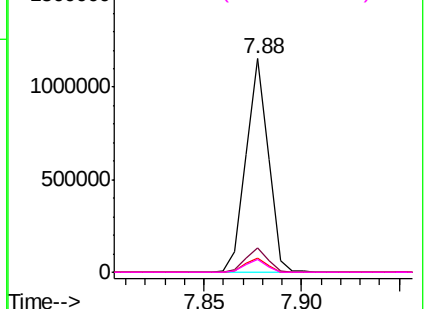
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

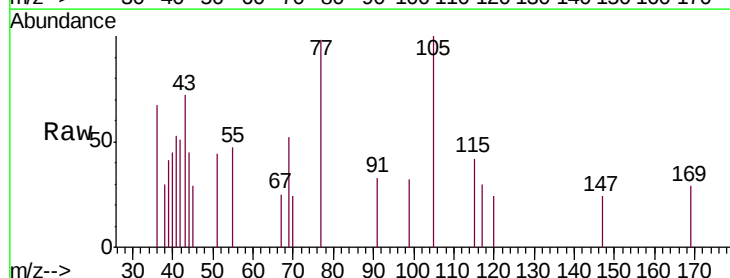
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 0.060 ng
RT: 7.00 min Scan# 861
Delta R.T. -0.03 min
Lab File: BF115255.D
Acq: 28 Jun 2019 00:54

Tgt Ion:	105	Resp:	1261
Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.9	2.9#
51	44.4	25.8	38.8#
120	24.0	18.5	27.7



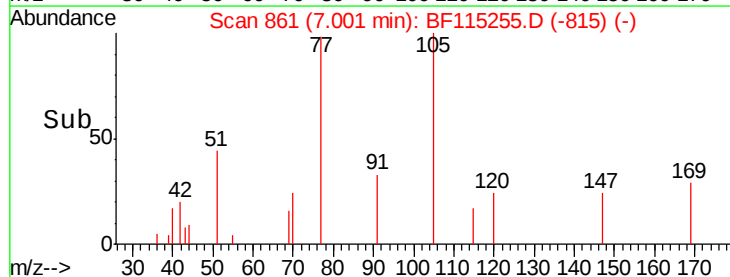
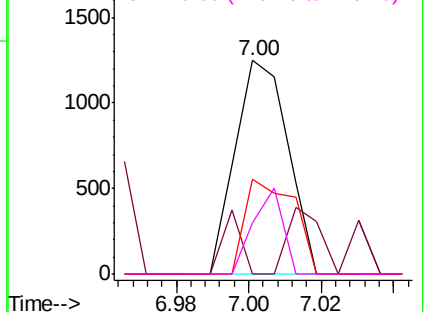
Abundance

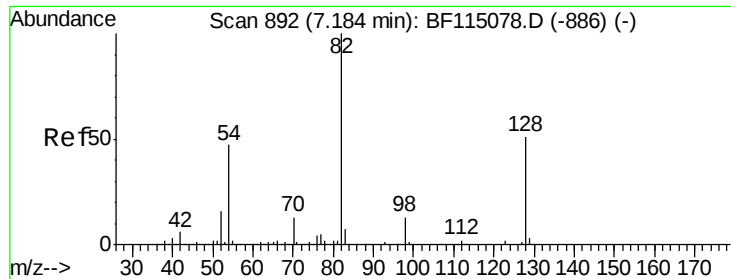
Ion 105.00 (104.70 to 105.70): E

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

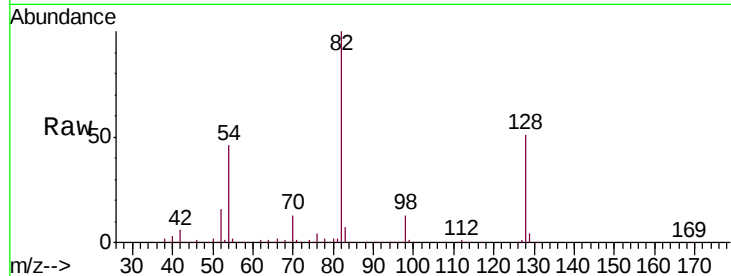




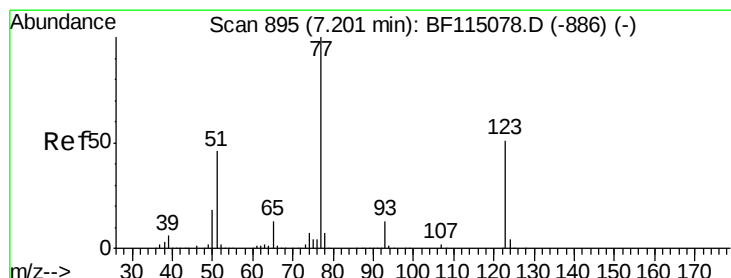
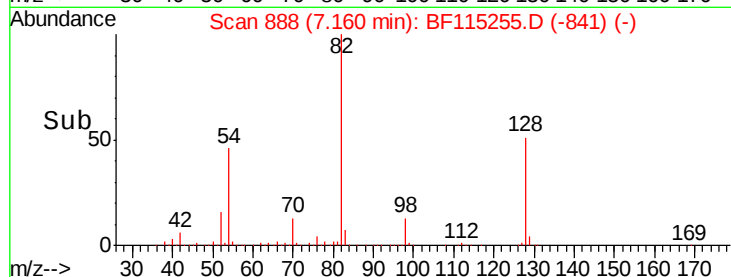
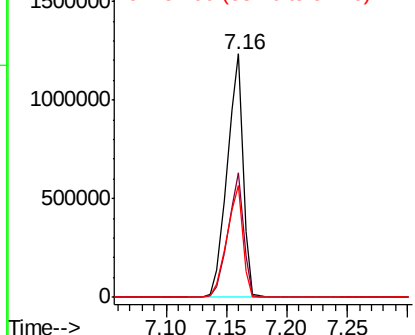
#23
 Nitrobenzene-d5
 Concen: 75.485 ng
 RT: 7.16 min Scan# 888
 Delta R.T. -0.02 min
 Lab File: BF115255.D
 Acq: 28 Jun 2019 00:54

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

Tgt Ion: 82 Resp: 1126671
 Ion Ratio Lower Upper
 82 100
 128 51.4 40.4 60.6
 54 46.0 37.5 56.3

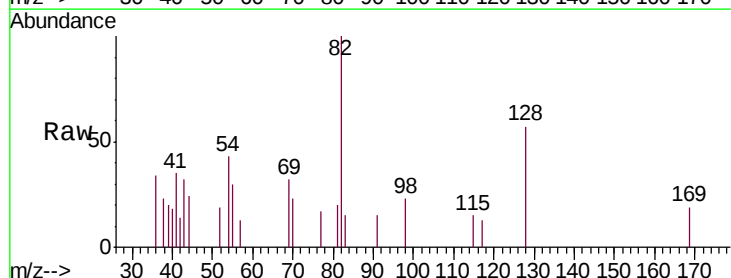


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

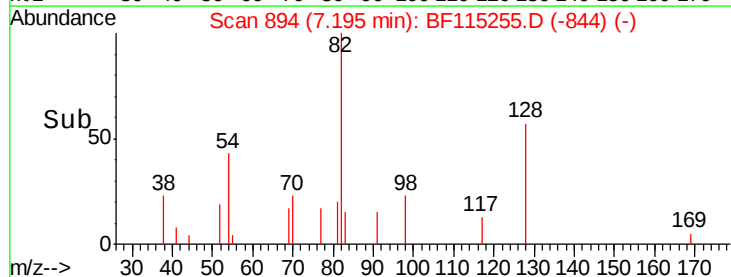
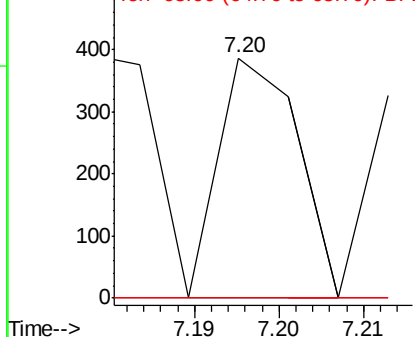


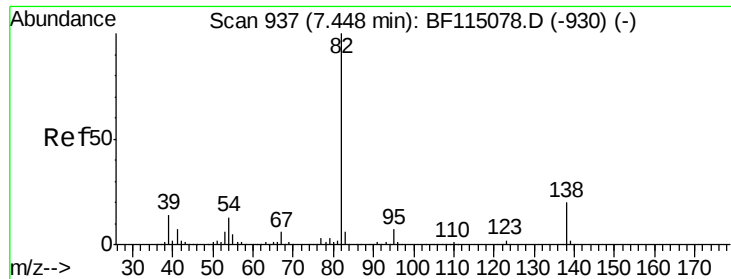
#24
 Nitrobenzene
 Concen: 0.015 ng
 RT: 7.20 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF115255.D
 Acq: 28 Jun 2019 00:54

Tgt Ion: 77 Resp: 251
 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

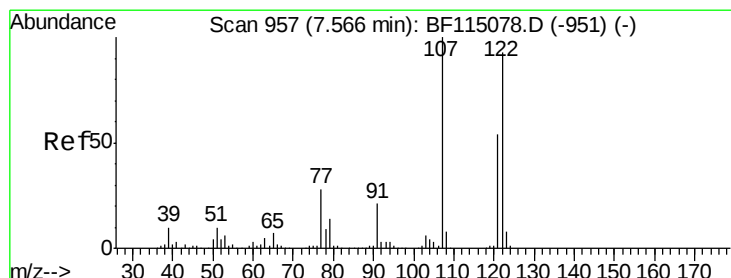
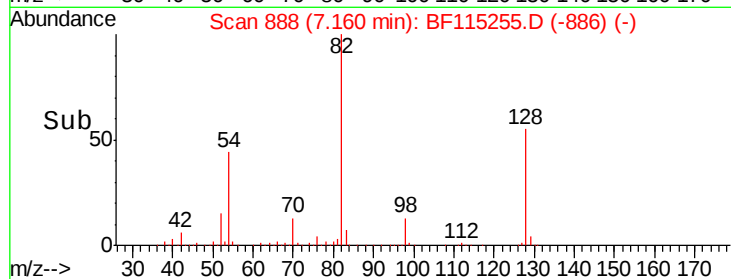
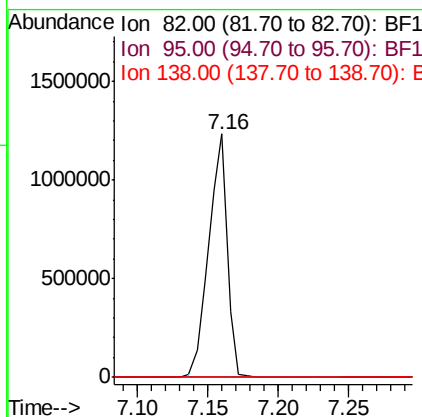
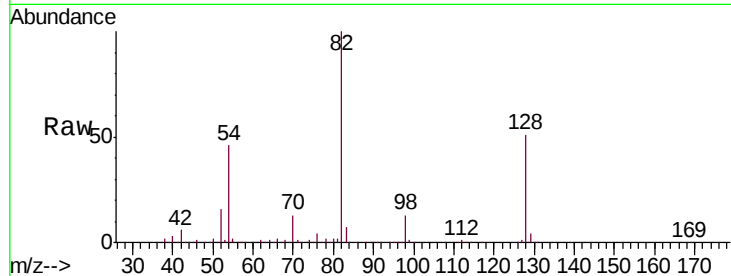




#25
Isophorone
Concen: 36.485 ng
RT: 7.16 min Scan# 888
Delta R.T. -0.29 min
Lab File: BF115255.D
Acq: 28 Jun 2019 00:54

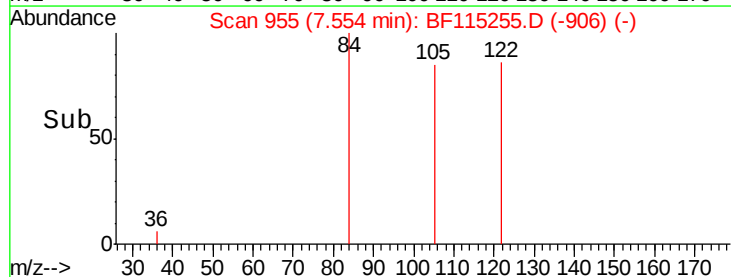
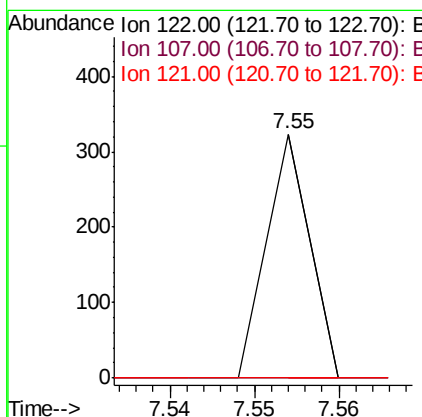
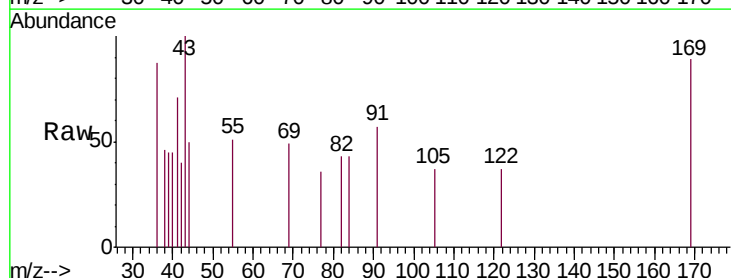
Instrument :
BNA_F
ClientSampleId :
TRIANGLE-AREA-SOIL-B

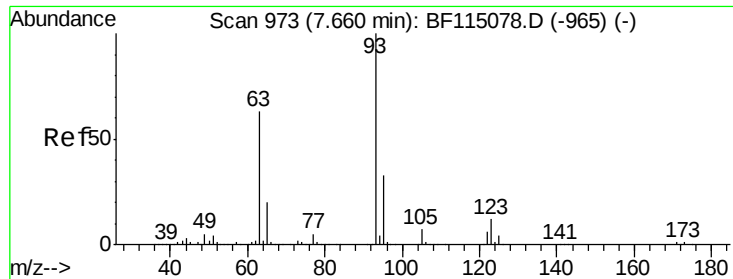
Tgt Ion: 82 Resp: 1115568
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 15.9 23.9#



#27
2,4-Dimethylphenol
Concen: 0.009 ng
RT: 7.55 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF115255.D
Acq: 28 Jun 2019 00:54

Tgt Ion: 122 Resp: 114
Ion Ratio Lower Upper
122 100
107 0.0 85.8 128.6#
121 0.0 46.3 69.5#

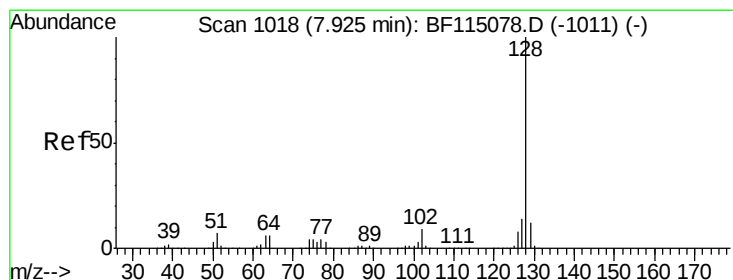
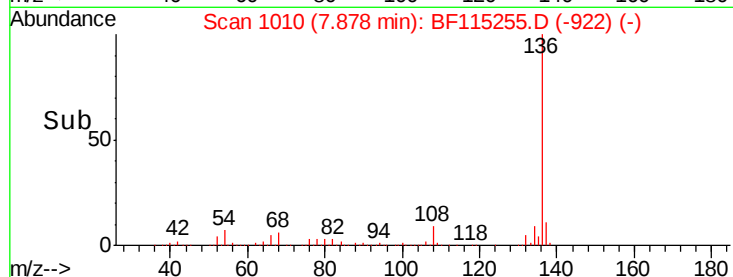
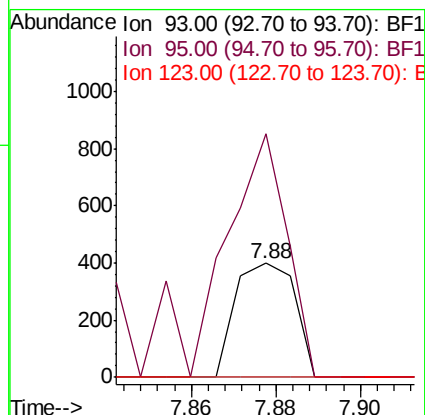
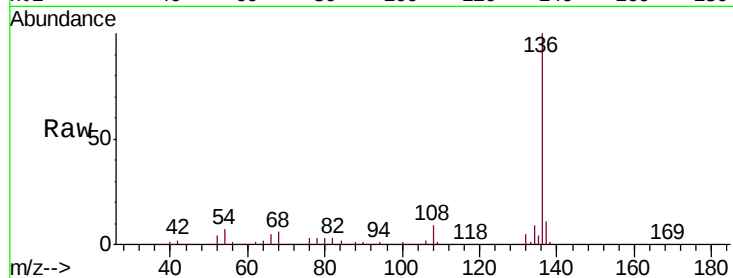




#28
bis(2-Chloroethoxy)methane
Concen: 0.020 ng
RT: 7.88 min Scan# 1010
Delta R.T. 0.22 min
Lab File: BF115255.D
Acq: 28 Jun 2019 00:54

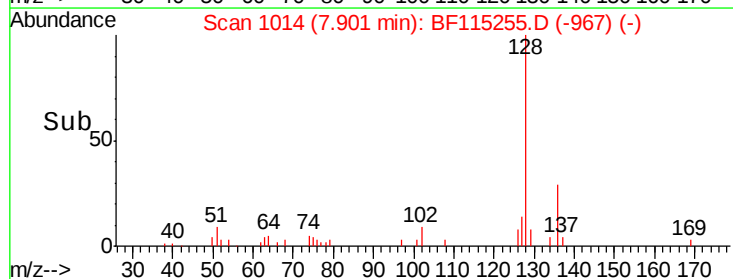
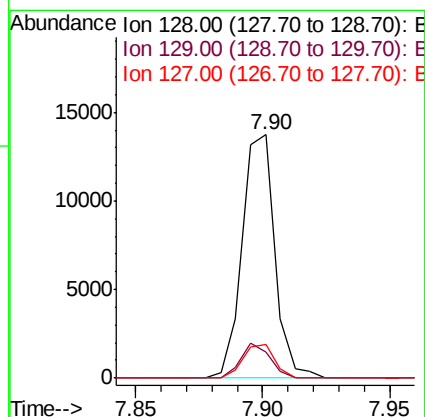
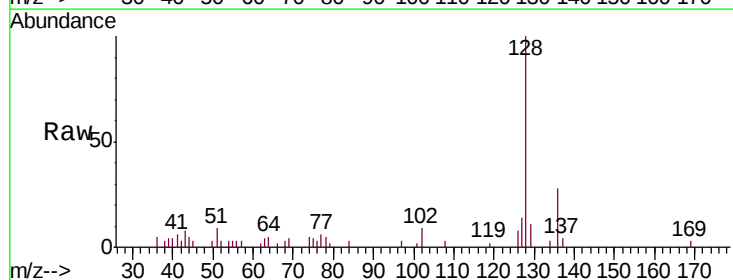
Instrument :
BNA_F
ClientSampleId :
TRIANGLE-AREA-SOIL-B

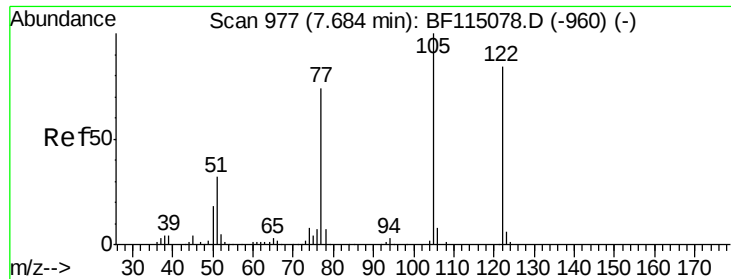
Tgt Ion: 93 Resp: 392
Ion Ratio Lower Upper
93 100
95 214.1 26.2 39.4#
123 0.0 9.7 14.5#



#31
Naphthalene
Concen: 0.272 ng
RT: 7.90 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BF115255.D
Acq: 28 Jun 2019 00:54

Tgt Ion: 128 Resp: 12277
Ion Ratio Lower Upper
128 100
129 10.6 9.6 14.4
127 13.9 11.4 17.0

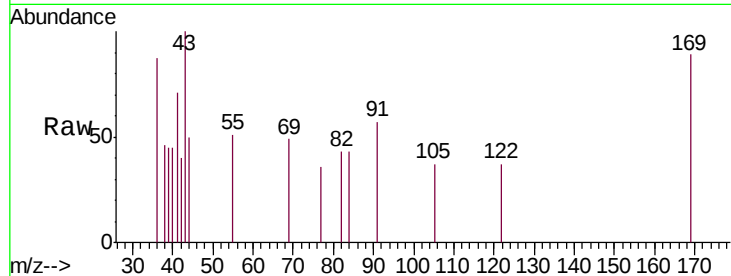




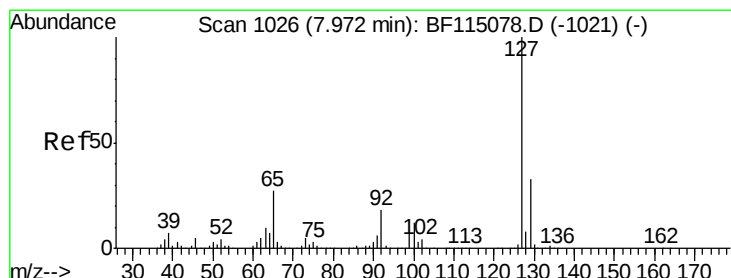
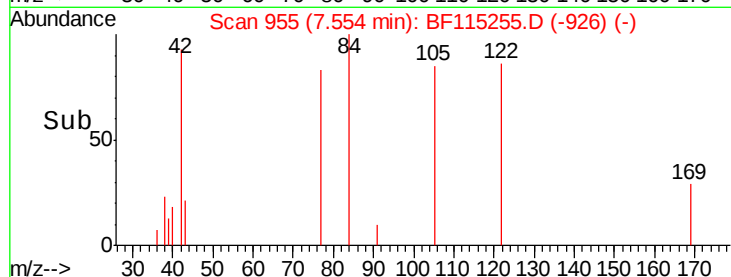
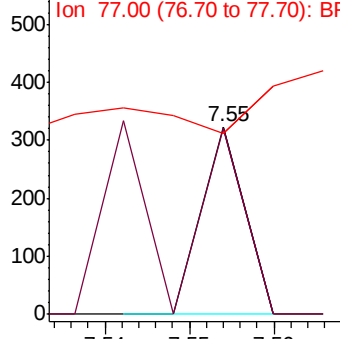
#32
Benzoic acid
Concen: 0.012 ng
RT: 7.55 min Scan# 955
Delta R.T. -0.13 min
Lab File: BF115255.D
Acq: 28 Jun 2019 00:54

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

Tgt Ion:122 Resp: 114
Ion Ratio Lower Upper
122 100
105 99.1 98.2 138.2
77 96.6 67.0 107.0

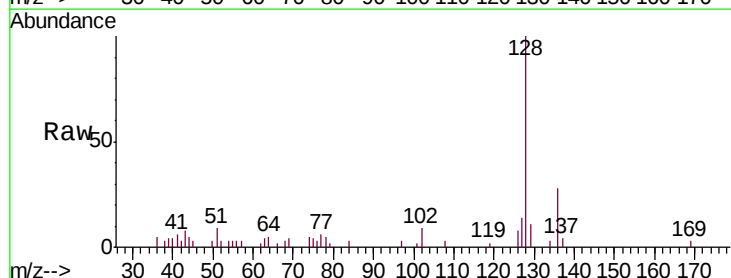


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

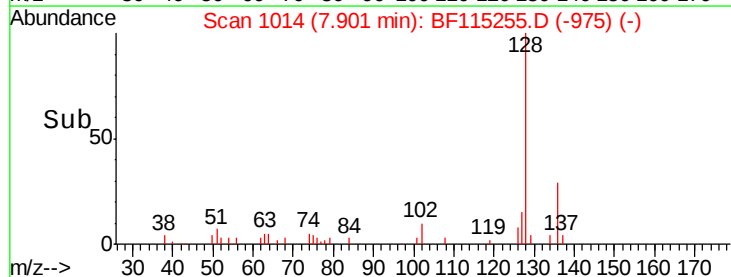
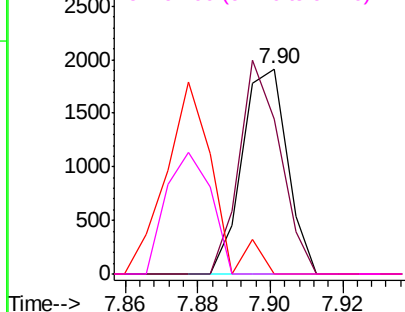


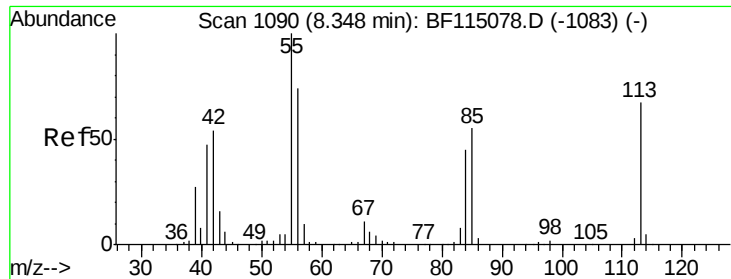
#33
4-Chloroaniline
Concen: 0.080 ng
RT: 7.90 min Scan# 1014
Delta R.T. -0.07 min
Lab File: BF115255.D
Acq: 28 Jun 2019 00:54

Tgt Ion:127 Resp: 1651
Ion Ratio Lower Upper
127 100
129 75.7 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

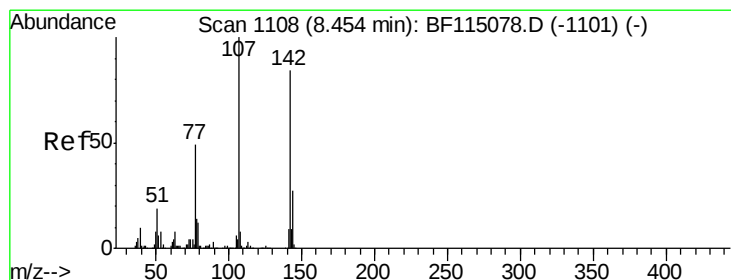
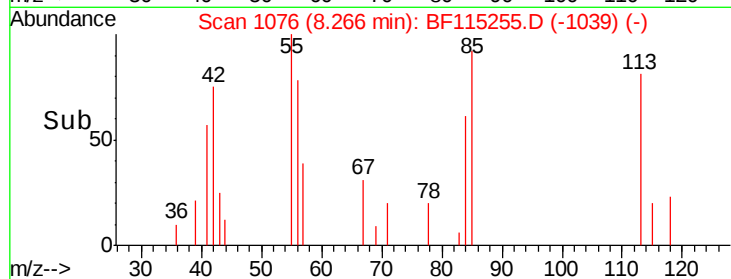
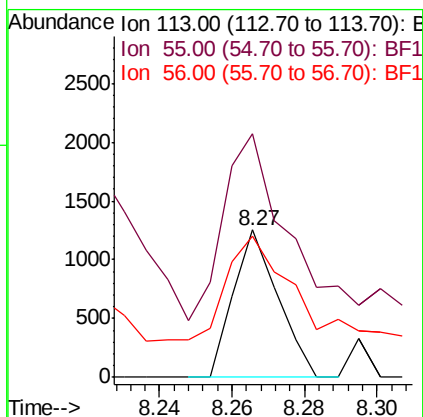
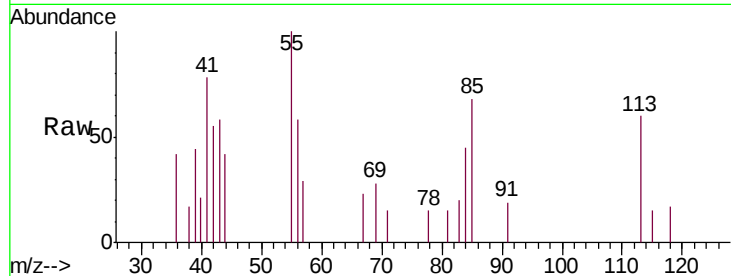




#35
 Caprolactam
 Concen: 0.231 ng
 RT: 8.27 min Scan# 1076
 Delta R.T. -0.08 min
 Lab File: BF115255.D
 Acq: 28 Jun 2019 00:54

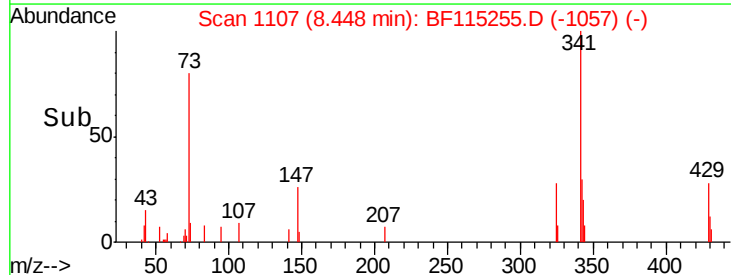
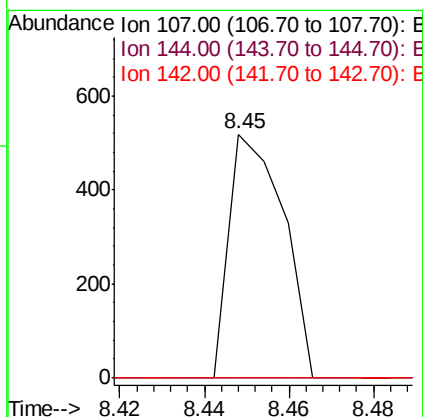
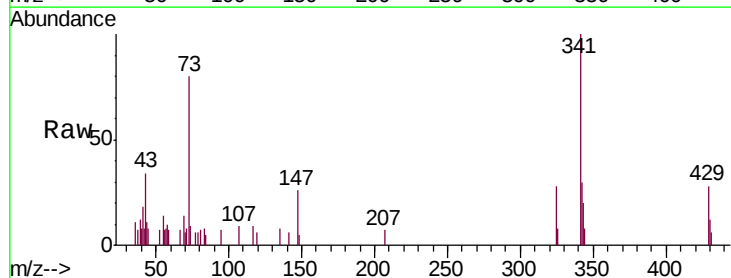
Instrument :
 BNA_F
 ClientSampleId :
 TRIANGLE-AREA-SOIL-B

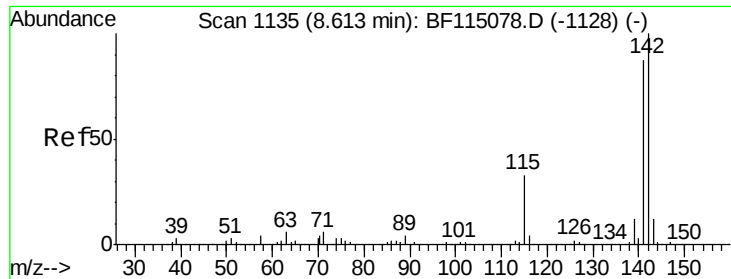
Tgt Ion:113 Resp: 1067
 Ion Ratio Lower Upper
 113 100
 55 165.4 130.2 170.2
 56 96.0 91.6 131.6



#36
 4-Chloro-3-methylphenol
 Concen: 0.033 ng
 RT: 8.45 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: BF115255.D
 Acq: 28 Jun 2019 00:54

Tgt Ion:107 Resp: 462
 Ion Ratio Lower Upper
 107 100
 144 0.0 21.7 32.5#
 142 0.0 67.0 100.4#

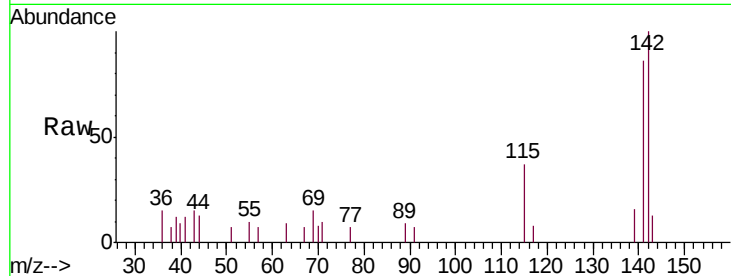




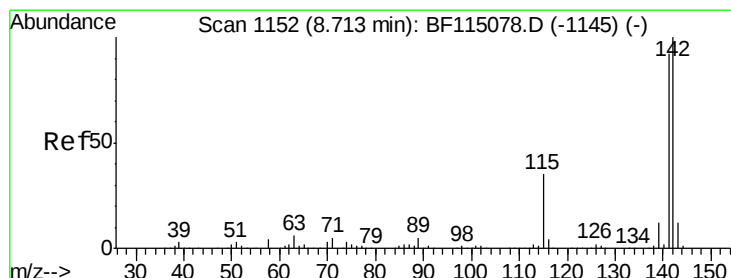
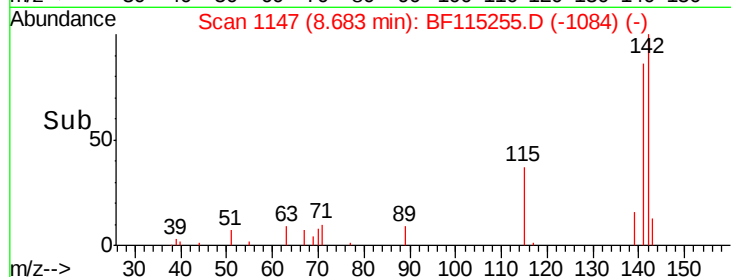
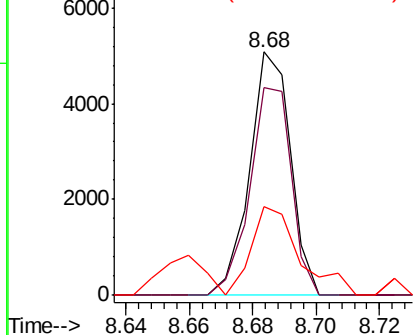
#37
 2-Methylnaphthalene
 Concen: 0.149 ng
 RT: 8.68 min Scan# 1147
 Delta R.T. 0.07 min
 Lab File: BF115255.D
 Acq: 28 Jun 2019 00:54

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

Tgt Ion:142 Resp: 4542
 Ion Ratio Lower Upper
 142 100
 141 85.5 69.8 104.6
 115 36.7 26.7 40.1

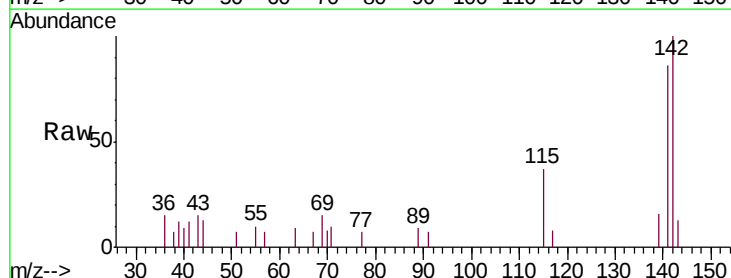


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

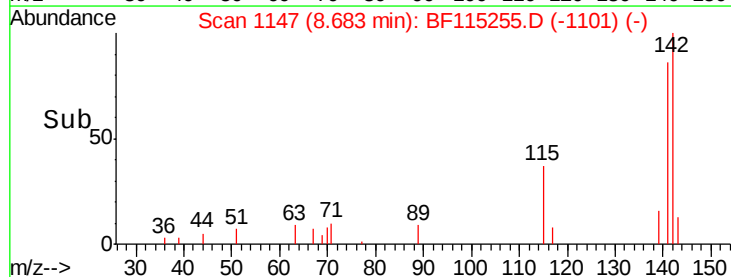
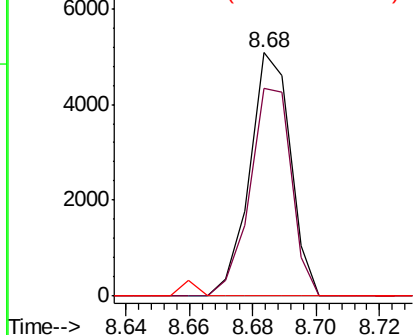


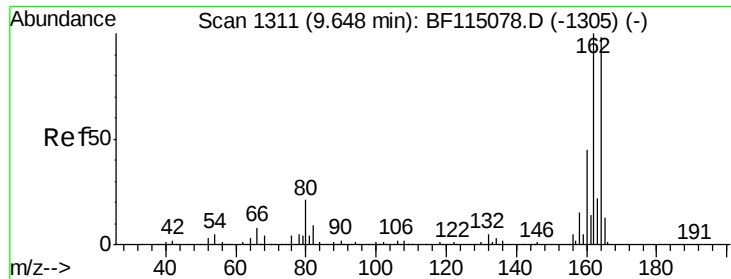
#38
 1-Methylnaphthalene
 Concen: 0.156 ng
 RT: 8.68 min Scan# 1147
 Delta R.T. -0.03 min
 Lab File: BF115255.D
 Acq: 28 Jun 2019 00:54

Tgt Ion:142 Resp: 4542
 Ion Ratio Lower Upper
 142 100
 141 85.5 73.8 110.8
 116 0.0 2.8 4.2#



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E

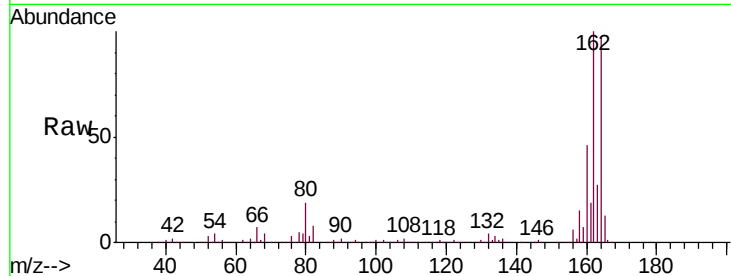




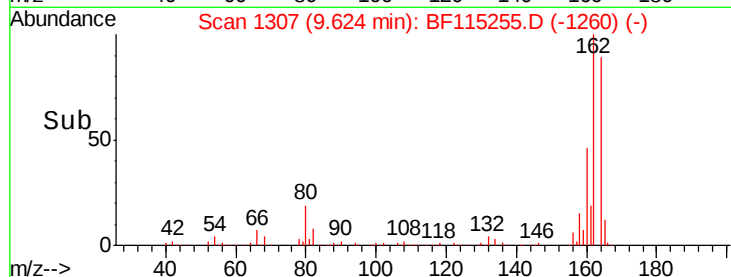
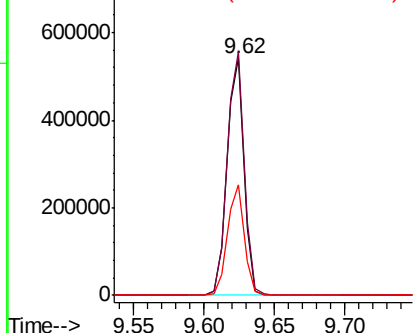
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.62 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BF115255.D
Acq: 28 Jun 2019 00:54

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

Tgt Ion:164 Resp: 450064
Ion Ratio Lower Upper
164 100
162 102.8 81.7 122.5
160 46.9 37.0 55.4

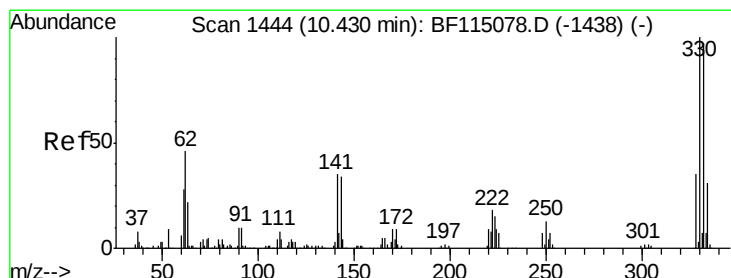


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

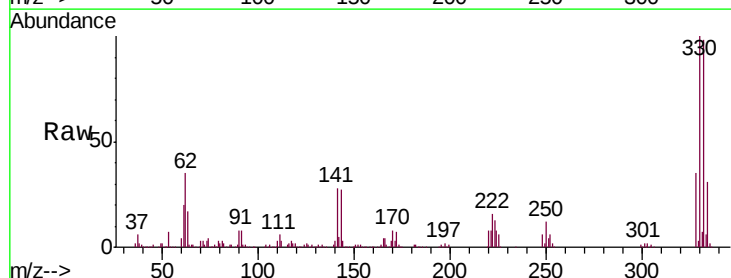
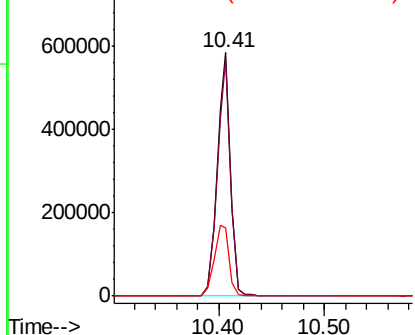


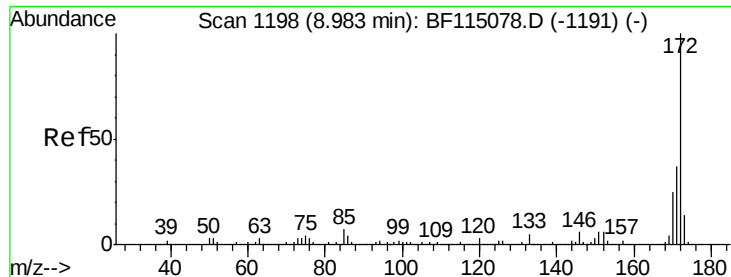
#42
2,4,6-Tribromophenol
Concen: 109.994 ng
RT: 10.41 min Scan# 1440
Delta R.T. -0.02 min
Lab File: BF115255.D
Acq: 28 Jun 2019 00:54

Tgt Ion:330 Resp: 522040
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 33.1 28.2 42.2



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

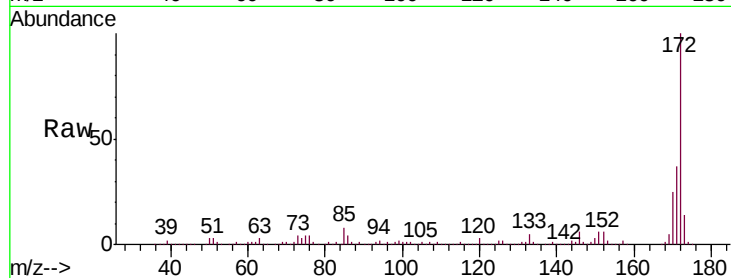




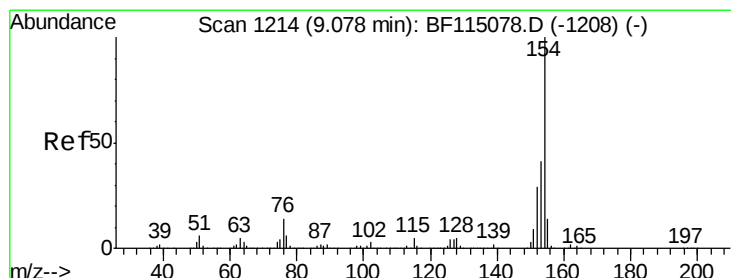
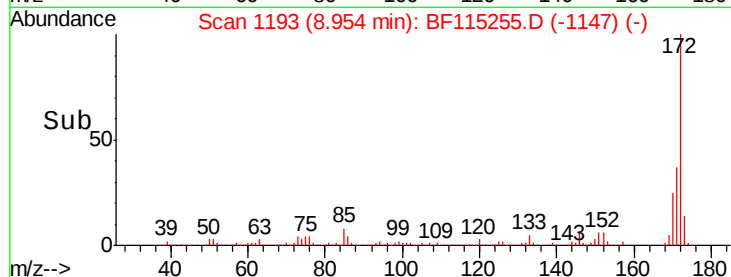
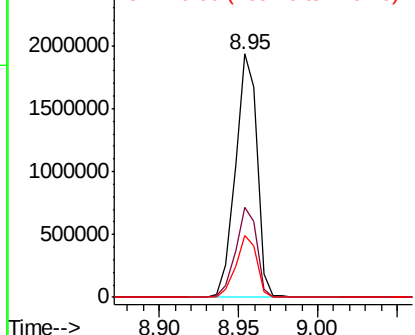
#45
 2-Fluorobiphenyl
 Concen: 69.017 ng
 RT: 8.95 min Scan# 1193
 Delta R.T. -0.03 min
 Lab File: BF115255.D
 Acq: 28 Jun 2019 00:54

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

Tgt Ion:172 Resp: 1828672
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.8 44.6
 170 25.2 20.3 30.5

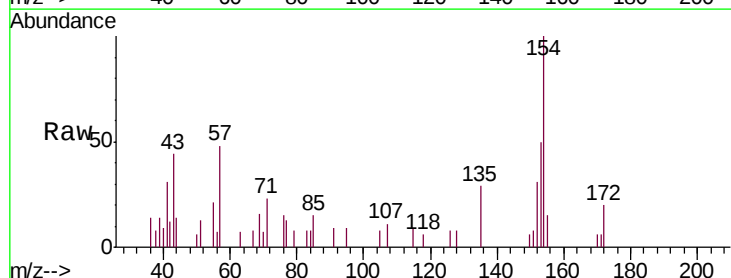


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

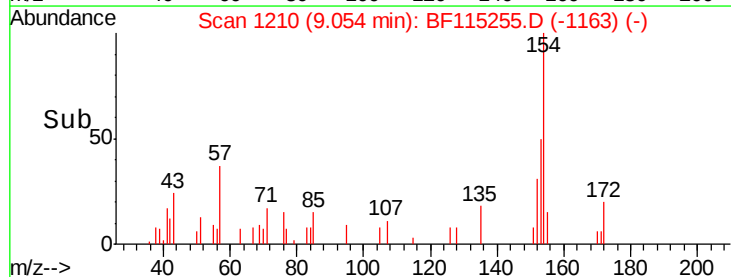
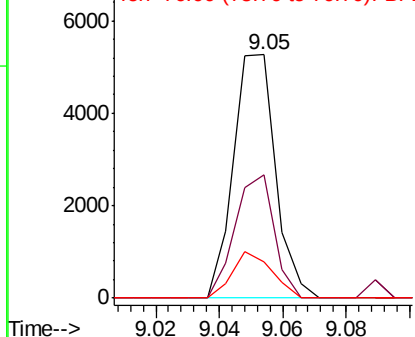


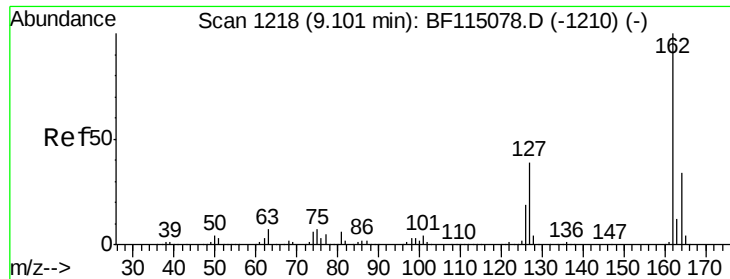
#46
 1,1'-Biphenyl
 Concen: 0.134 ng
 RT: 9.05 min Scan# 1210
 Delta R.T. -0.02 min
 Lab File: BF115255.D
 Acq: 28 Jun 2019 00:54

Tgt Ion:154 Resp: 4828
 Ion Ratio Lower Upper
 154 100
 153 50.5 20.9 60.9
 76 15.0 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

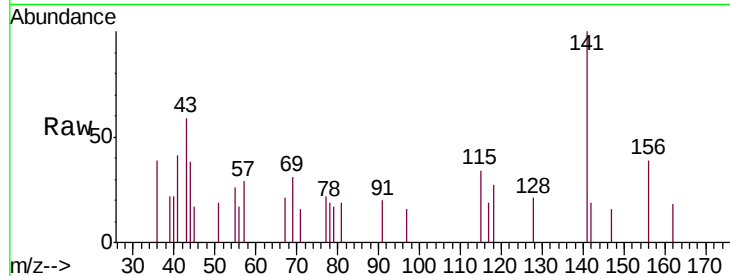




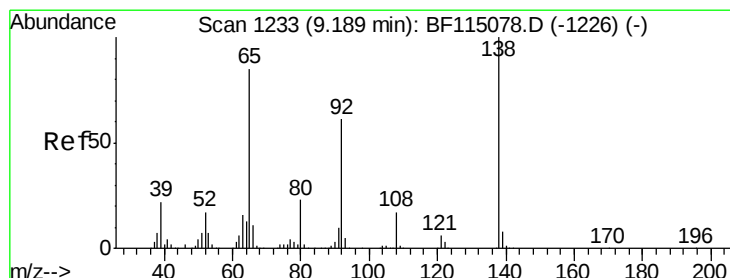
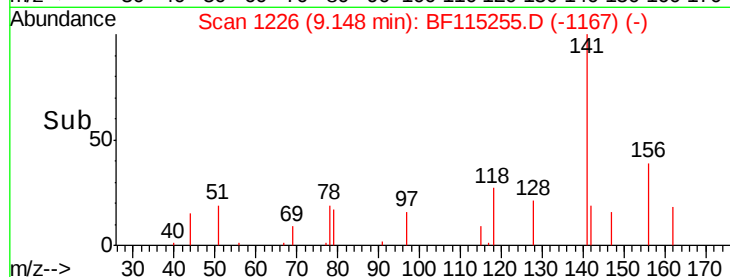
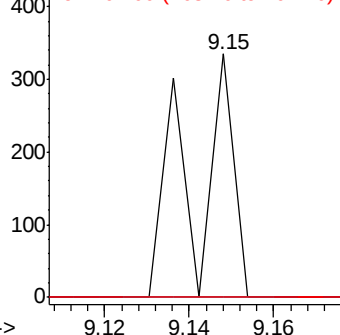
#47
2-Chloronaphthalene
Concen: 0.008 ng
RT: 9.15 min Scan# 1226
Delta R.T. 0.05 min
Lab File: BF115255.D
Acq: 28 Jun 2019 00:54

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

Tgt Ion: 162 Resp: 225
Ion Ratio Lower Upper
162 100
127 0.0 30.8 46.2#
164 0.0 27.0 40.4#

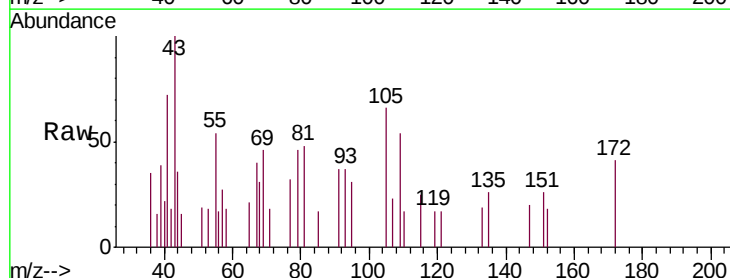


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

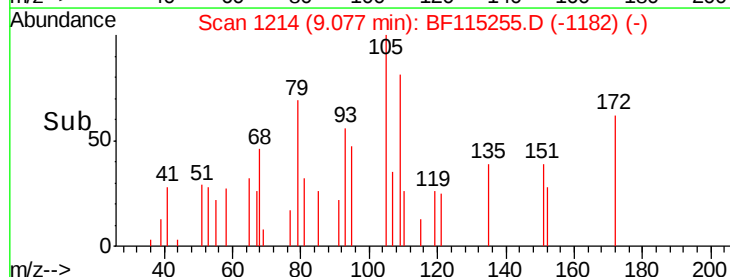
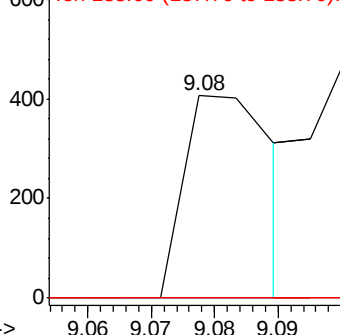


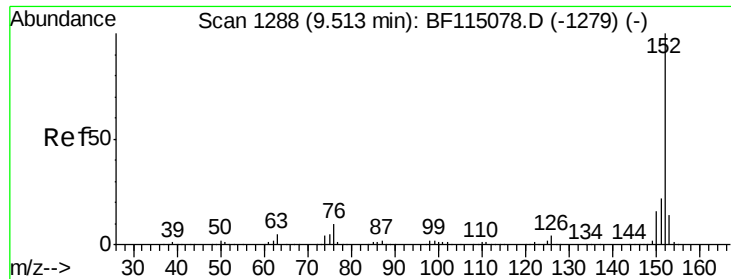
#48
2-Nitroaniline
Concen: 0.046 ng
RT: 9.08 min Scan# 1214
Delta R.T. -0.11 min
Lab File: BF115255.D
Acq: 28 Jun 2019 00:54

Tgt Ion: 65 Resp: 395
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: 0.754 ng

RT: 9.48 min Scan# 1283

Delta R.T. -0.03 min

Lab File: BF115255.D

Acq: 28 Jun 2019 00:54

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-B

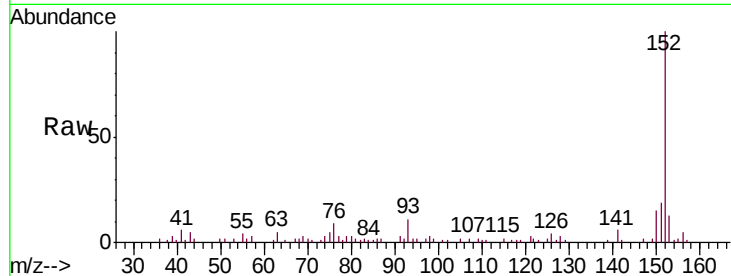
Tgt Ion:152 Resp: 34333

Ion Ratio Lower Upper

152 100

151 19.0 17.2 25.8

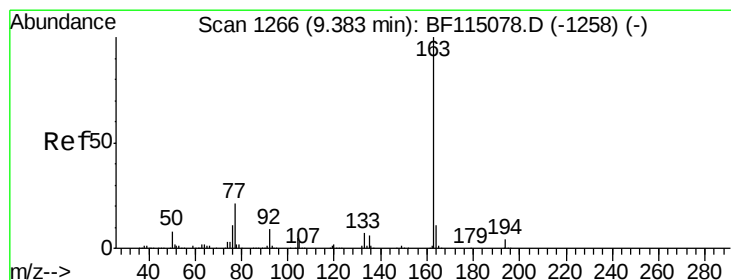
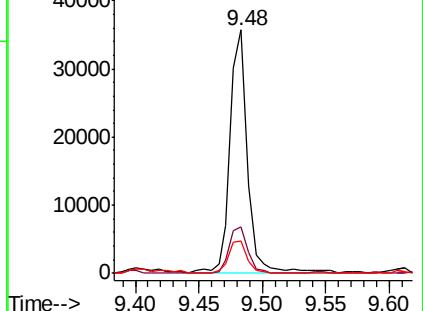
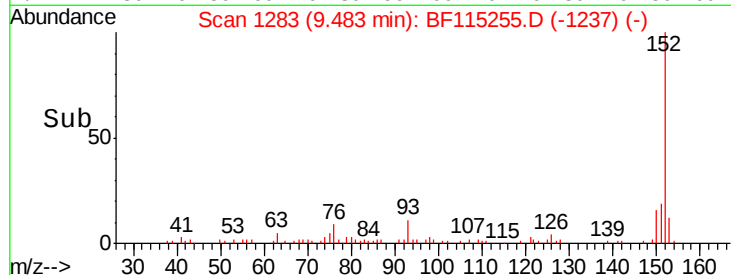
153 13.5 11.0 16.6



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: 10.744 ng

RT: 9.35 min Scan# 1260

Delta R.T. -0.04 min

Lab File: BF115255.D

Acq: 28 Jun 2019 00:54

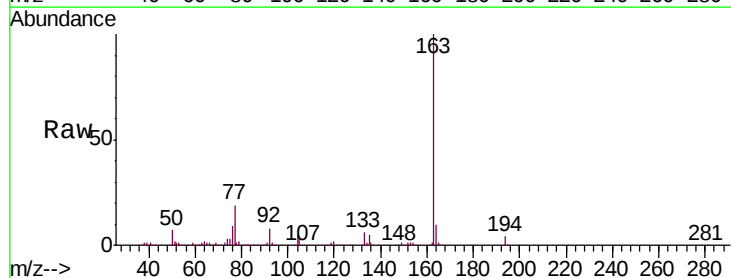
Tgt Ion:163 Resp: 355766

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

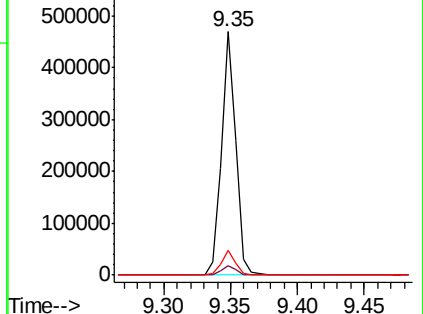
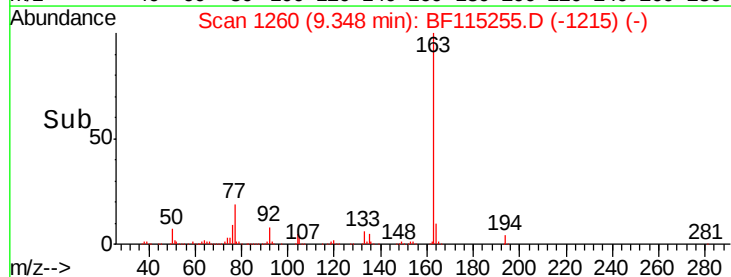
164 10.1 8.6 13.0

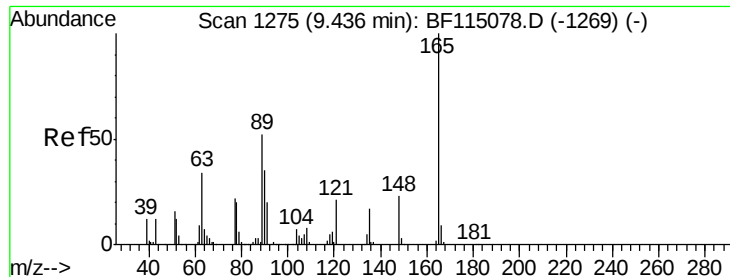


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

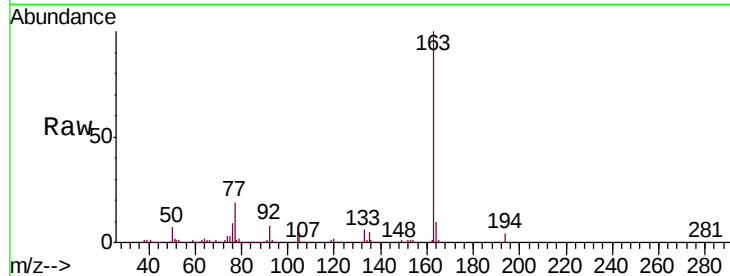




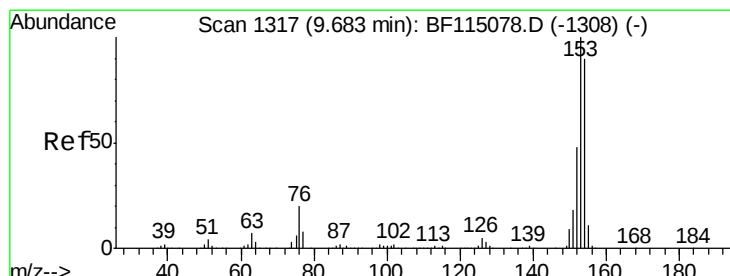
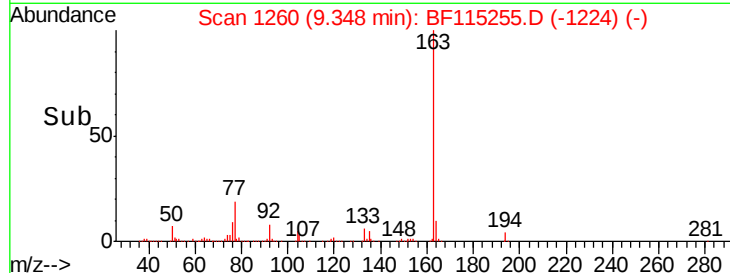
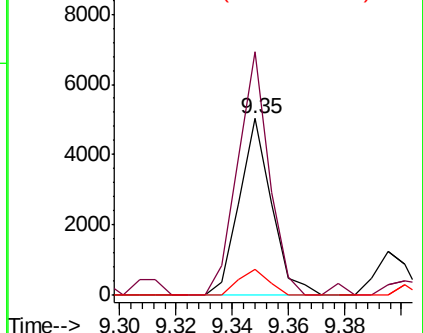
#51
2,6-Dinitrotoluene
Concen: 0.527 ng
RT: 9.35 min Scan# 1260
Delta R.T. -0.09 min
Lab File: BF115255.D
Acq: 28 Jun 2019 00:54

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

Tgt Ion:165 Resp: 4026
Ion Ratio Lower Upper
165 100
63 137.6 39.4 59.2#
89 14.3 42.0 63.0#

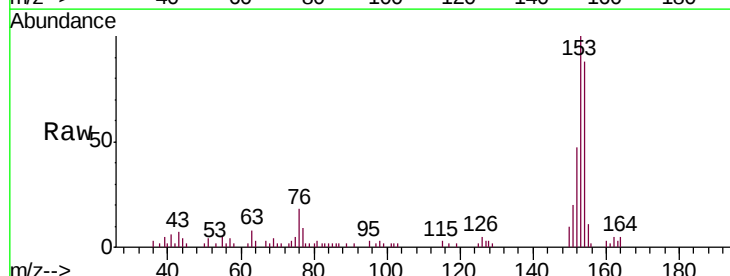


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

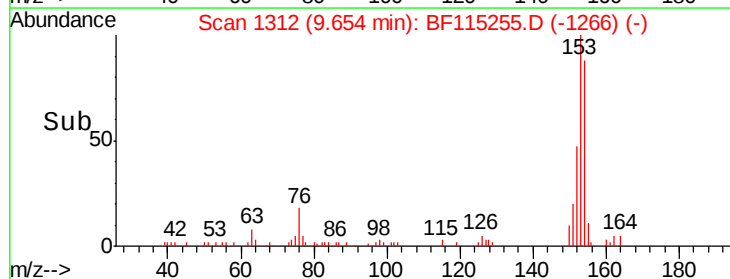
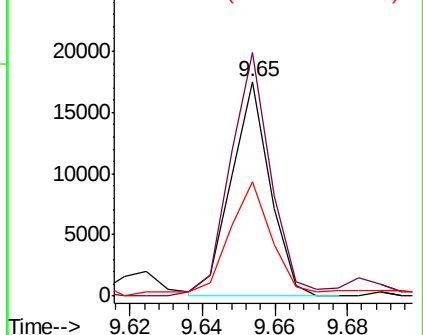


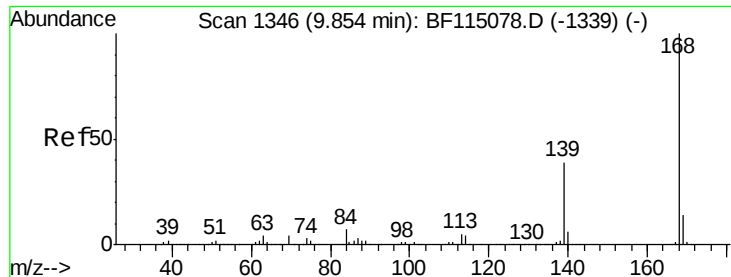
#52
Acenaphthene
Concen: 0.459 ng
RT: 9.65 min Scan# 1312
Delta R.T. -0.03 min
Lab File: BF115255.D
Acq: 28 Jun 2019 00:54

Tgt Ion:154 Resp: 13085
Ion Ratio Lower Upper
154 100
153 113.4 88.7 133.1
152 53.4 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

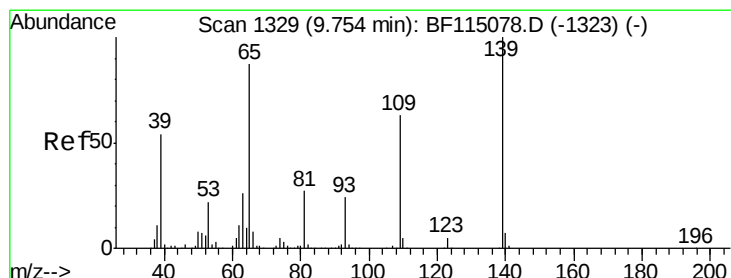
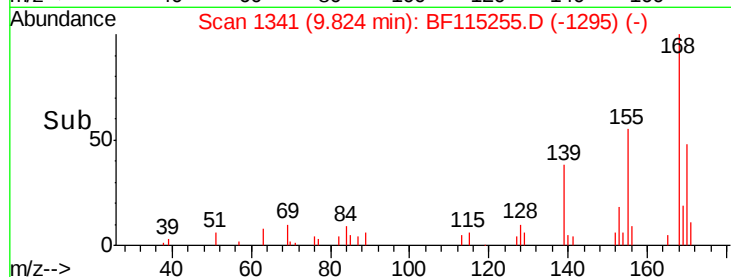
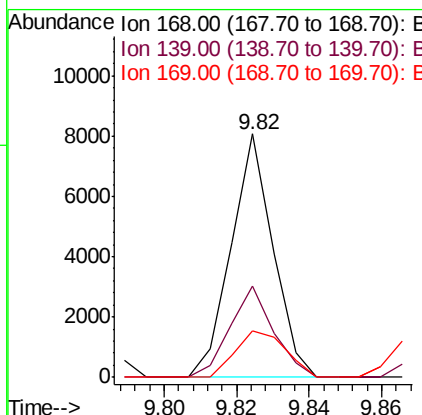
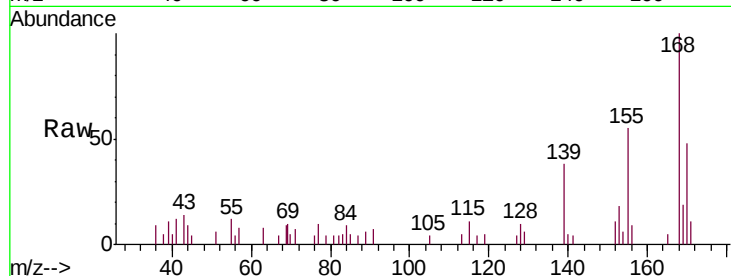




#55
Dibenzofuran
Concen: 0.159 ng
RT: 9.82 min Scan# 1341
Delta R.T. -0.03 min
Lab File: BF115255.D
Acq: 28 Jun 2019 00:54

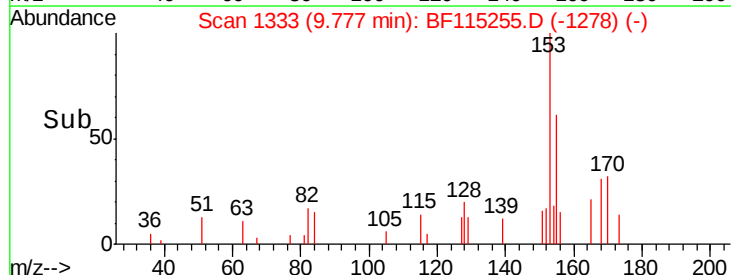
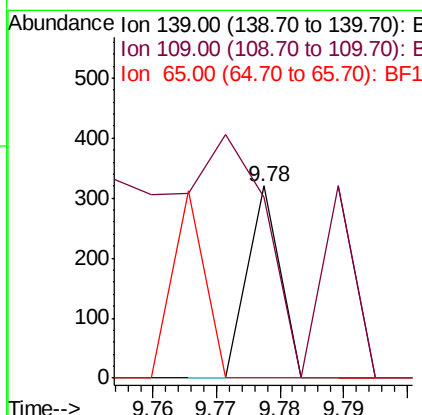
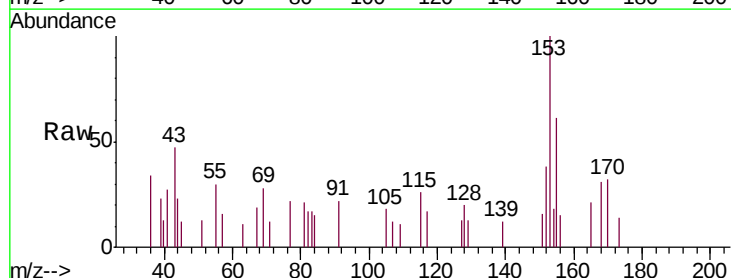
Instrument :
BNA_F
ClientSampleId :
TRIANGLE-AREA-SOIL-B

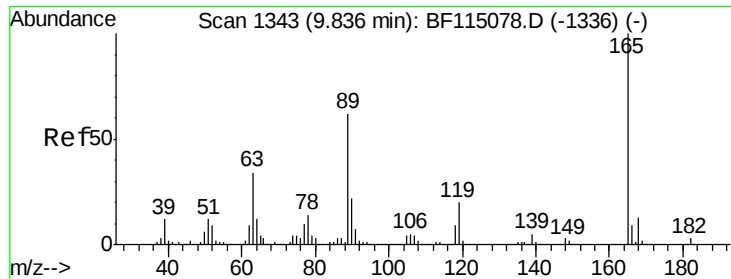
Tgt Ion:168 Resp: 6494
Ion Ratio Lower Upper
168 100
139 37.6 31.1 46.7
169 19.2 11.3 16.9#



#56
4-Nitrophenol
Concen: 0.015 ng
RT: 9.78 min Scan# 1333
Delta R.T. 0.02 min
Lab File: BF115255.D
Acq: 28 Jun 2019 00:54

Tgt Ion:139 Resp: 113
Ion Ratio Lower Upper
139 100
109 94.4 43.0 83.0#
65 0.0 67.0 107.0#

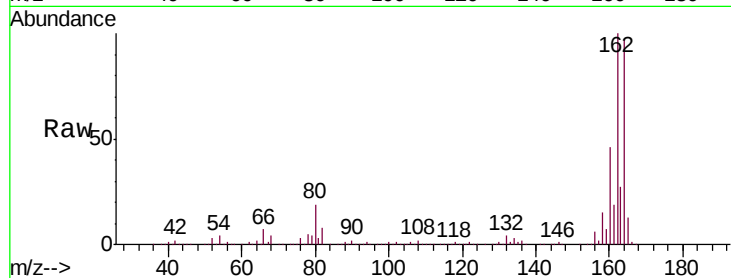




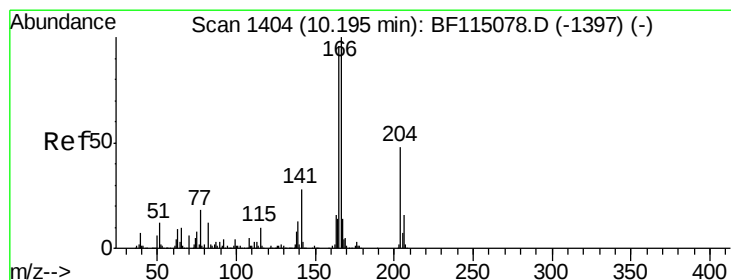
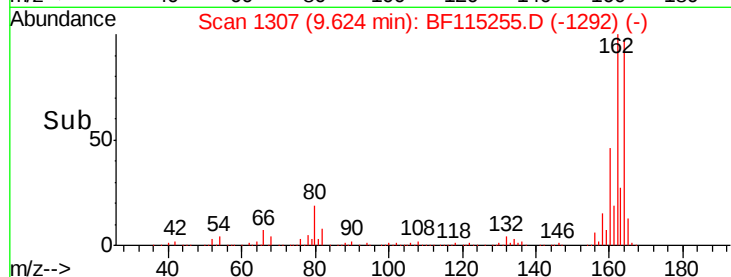
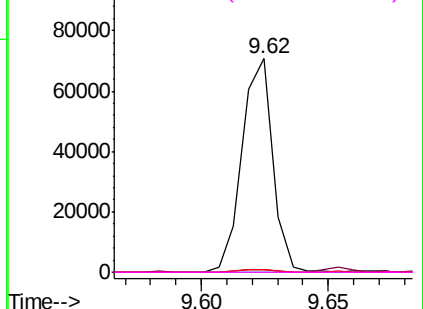
#57
2,4-Dinitrotoluene
Concen: 6.038 ng
RT: 9.62 min Scan# 1307
Delta R.T. -0.21 min
Lab File: BF115255.D
Acq: 28 Jun 2019 00:54

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

Tgt Ion:	165	Resp:	59595
Ion	Ratio	Lower	Upper
165	100		
63	1.2	27.5	41.3#
89	1.5	49.9	74.9#
182	0.0	2.1	3.1#

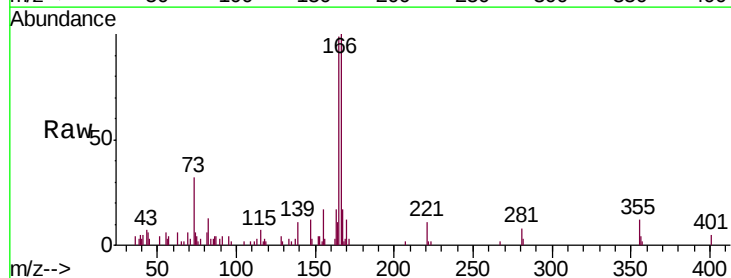


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

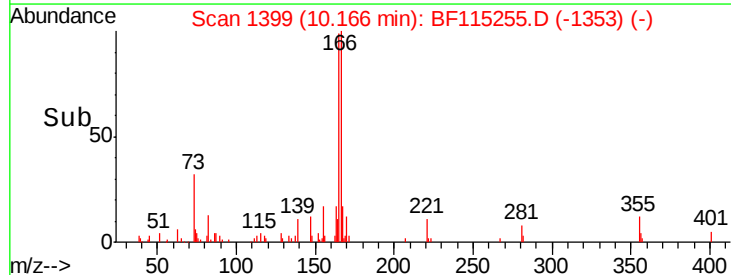
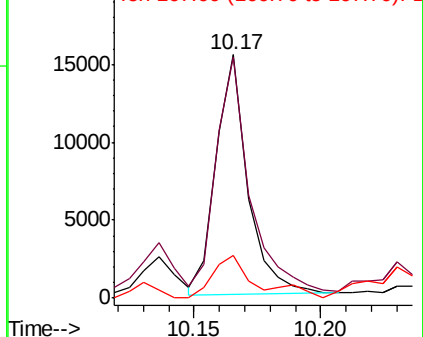


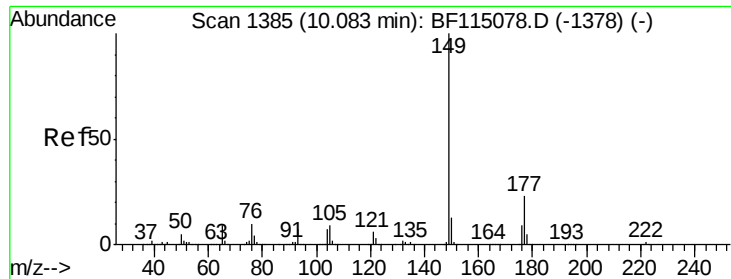
#58
Fluorene
Concen: Below Cal
RT: 10.17 min Scan# 1399
Delta R.T. -0.03 min
Lab File: BF115255.D
Acq: 28 Jun 2019 00:54

Tgt Ion:	166	Resp:	13491
Ion	Ratio	Lower	Upper
166	100		
165	98.8	76.5	114.7
167	17.3	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

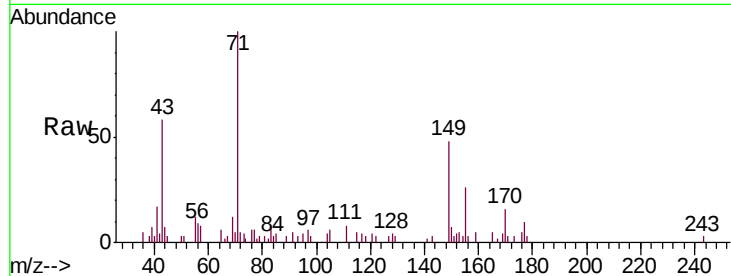




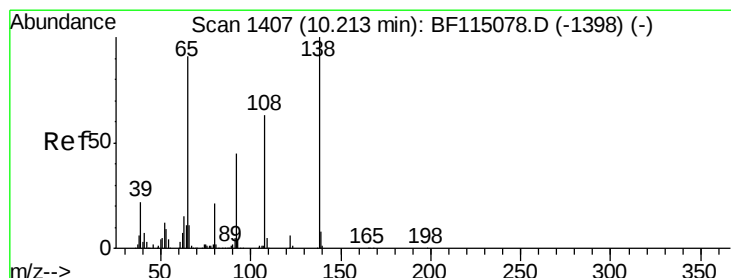
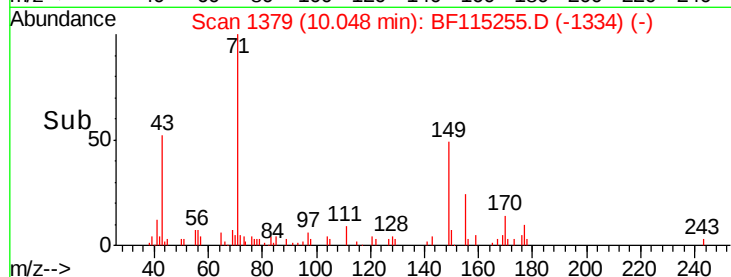
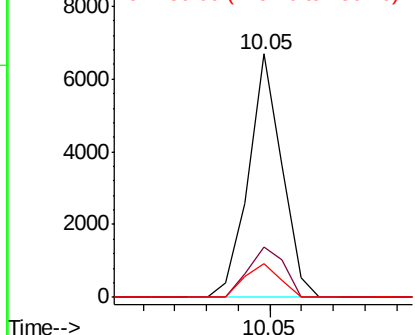
#60
Diethylphthalate
Concen: 0.146 ng
RT: 10.05 min Scan# 1379
Delta R.T. -0.04 min
Lab File: BF115255.D
Acq: 28 Jun 2019 00:54

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

Tgt Ion:149 Resp: 4875
Ion Ratio Lower Upper
149 100
177 20.9 18.7 28.1
150 14.0 10.4 15.6

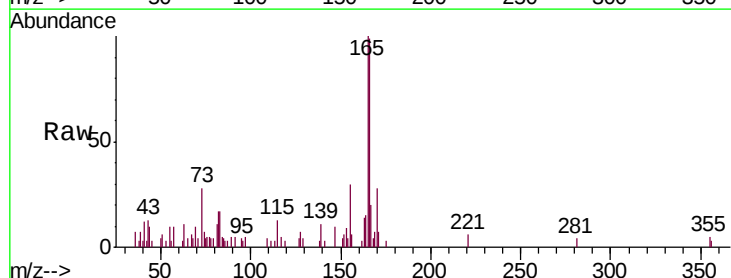


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

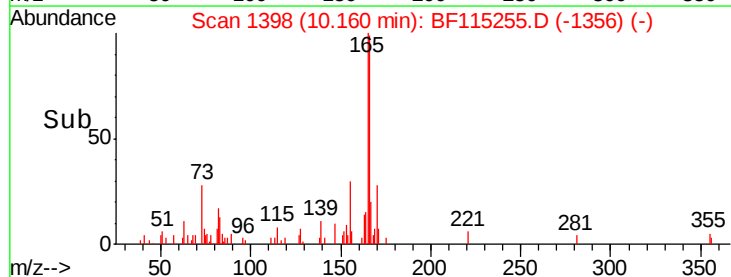
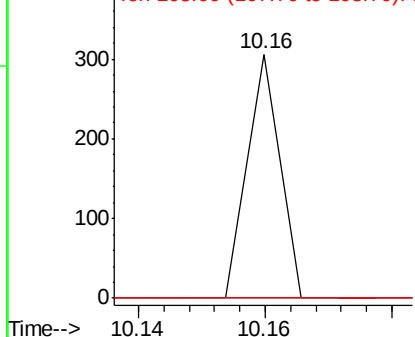


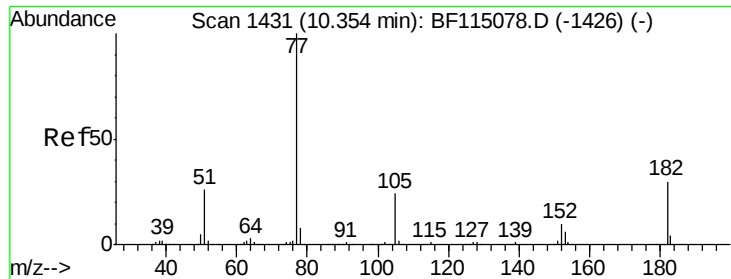
#62
4-Nitroaniline
Concen: 0.012 ng
RT: 10.16 min Scan# 1398
Delta R.T. -0.05 min
Lab File: BF115255.D
Acq: 28 Jun 2019 00:54

Tgt Ion:138 Resp: 108
Ion Ratio Lower Upper
138 100
92 0.0 24.8 64.8#
108 0.0 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

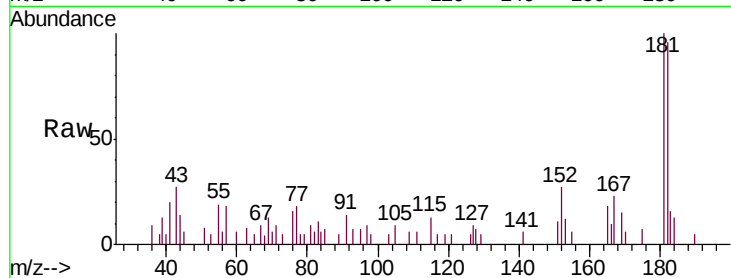




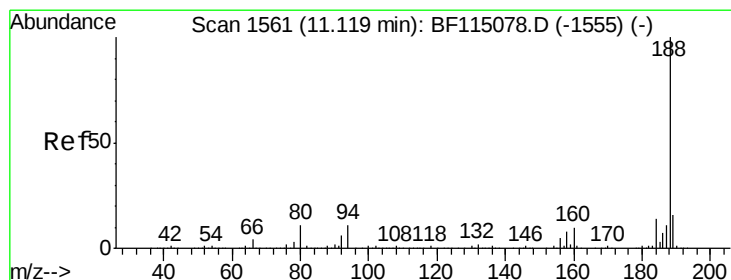
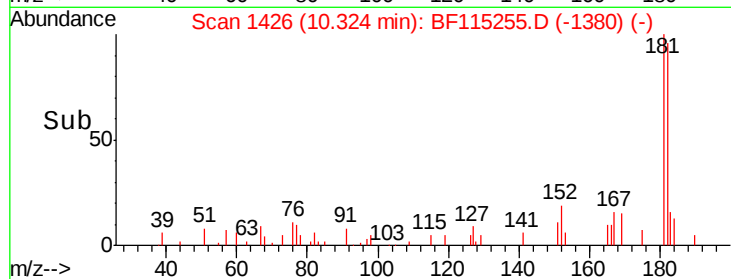
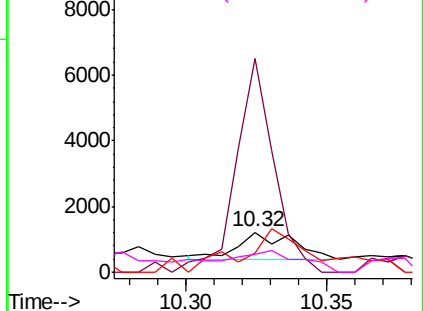
#63
Azobenzene
Concen: 0.036 ng
RT: 10.32 min Scan# 1426
Delta R.T. -0.03 min
Lab File: BF115255.D
Acq: 28 Jun 2019 00:54

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

Tgt Ion: 77 Resp: 1118
Ion Ratio Lower Upper
77 100
182 535.1 10.1 50.1#
105 48.0 4.5 44.5#
51 44.0 6.4 46.4

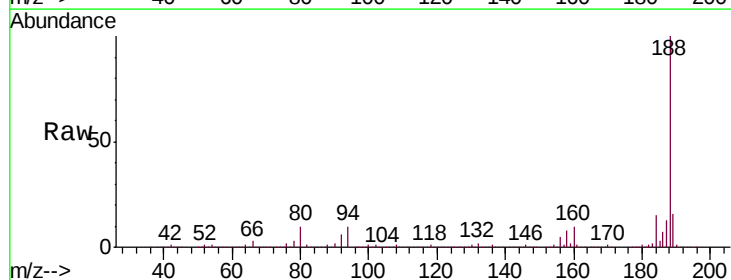


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

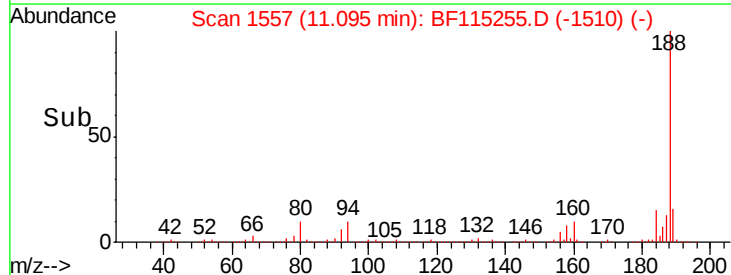
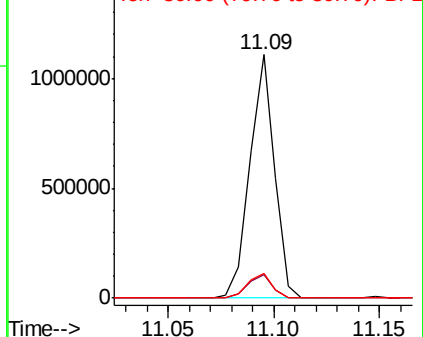


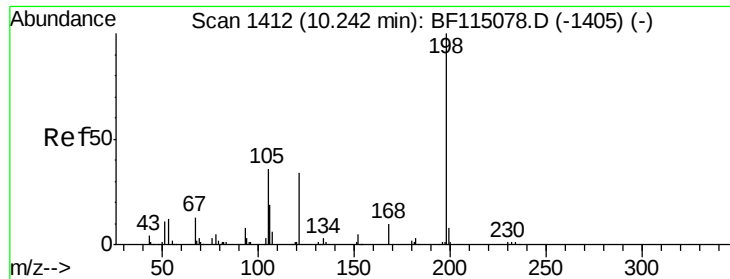
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.09 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF115255.D
Acq: 28 Jun 2019 00:54

Tgt Ion: 188 Resp: 895184
Ion Ratio Lower Upper
188 100
94 9.7 8.6 12.8
80 10.2 8.8 13.2



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

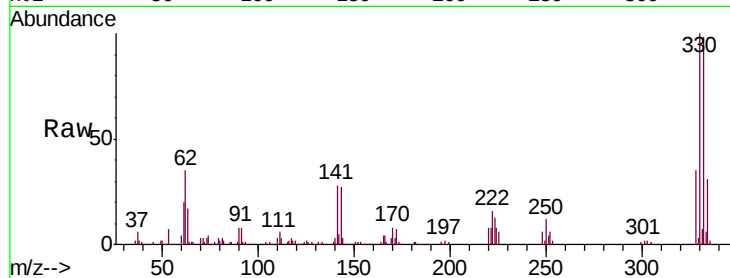




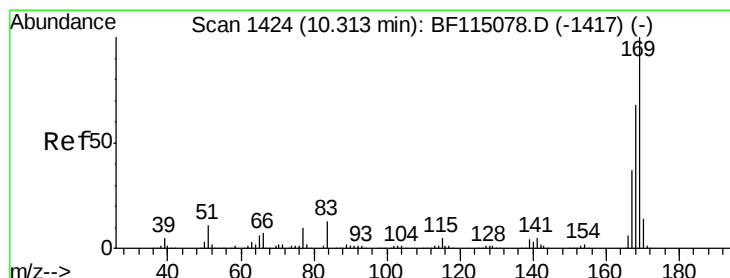
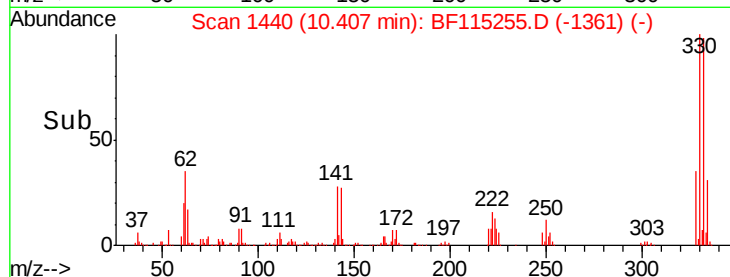
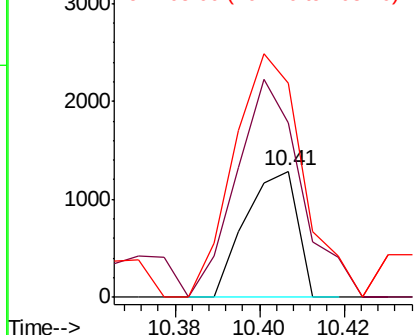
#65
 4,6-Dinitro-2-methylphenol
 Concen: 5.168 ng
 RT: 10.41 min Scan# 1440
 Delta R.T. 0.16 min
 Lab File: BF115255.D
 Acq: 28 Jun 2019 00:54

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

Tgt Ion:198 Resp: 1103
 Ion Ratio Lower Upper
 198 100
 51 138.6 11.0 51.0#
 105 169.7 17.3 57.3#

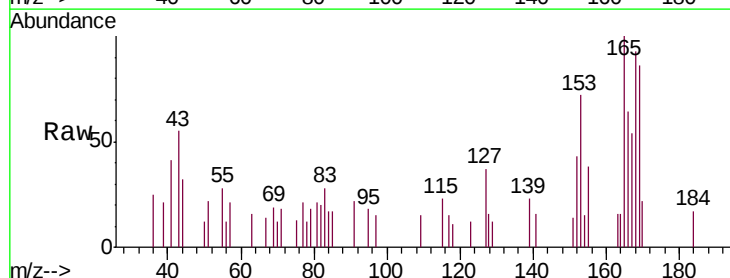


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

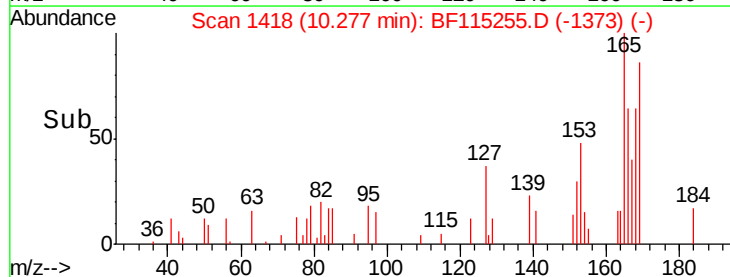
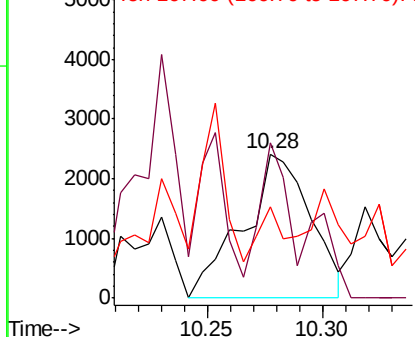


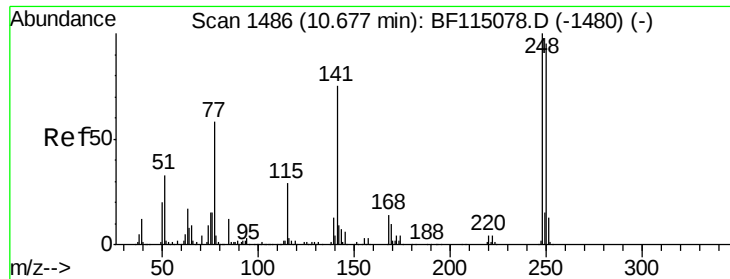
#66
 n-Nitrosodiphenylamine
 Concen: 0.176 ng
 RT: 10.28 min Scan# 1418
 Delta R.T. -0.04 min
 Lab File: BF115255.D
 Acq: 28 Jun 2019 00:54

Tgt Ion:169 Resp: 4912
 Ion Ratio Lower Upper
 169 100
 168 107.8 54.2 81.4#
 167 63.2 29.4 44.0#



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

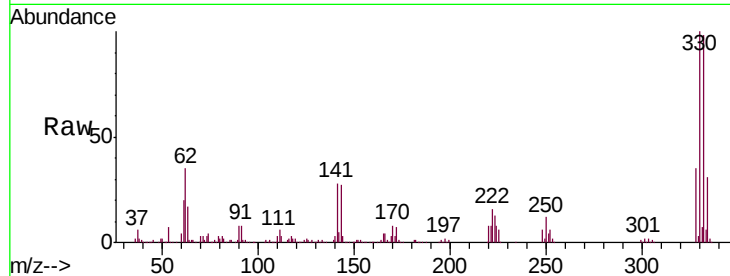




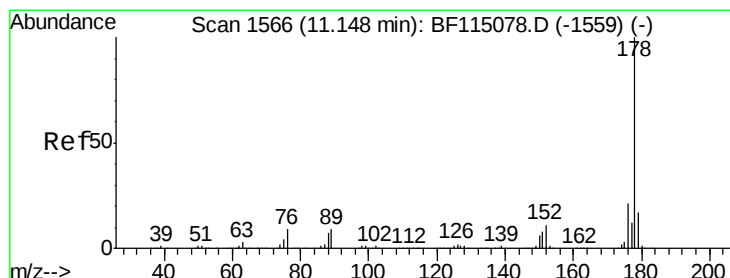
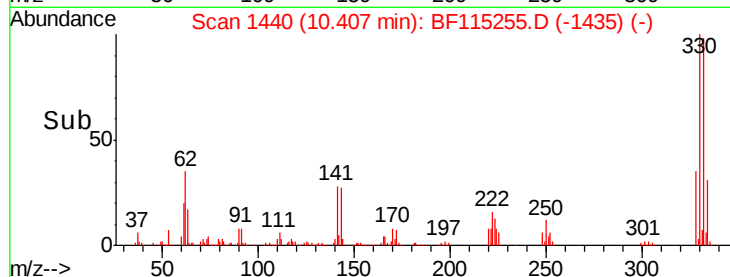
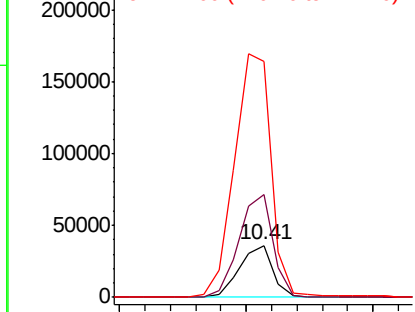
#67
 4-Bromophenyl-phenylether
 Concen: 3.373 ng
 RT: 10.41 min Scan# 1440
 Delta R.T. -0.27 min
 Lab File: BF115255.D
 Acq: 28 Jun 2019 00:54

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

Tgt Ion: 248 Resp: 32741
 Ion Ratio Lower Upper
 248 100
 250 198.3 76.2 114.2#
 141 455.3 59.6 89.4#

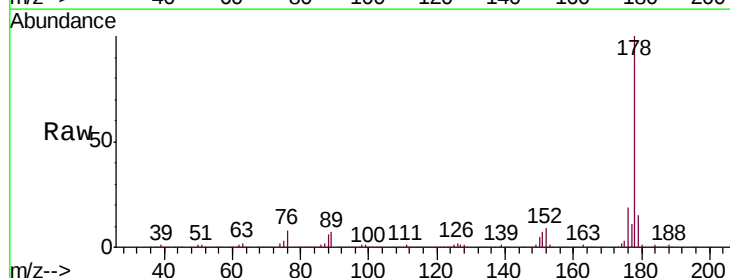


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

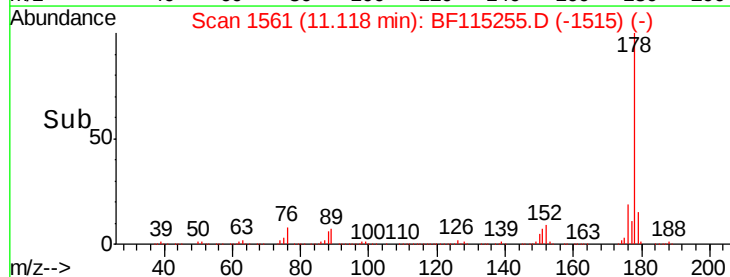
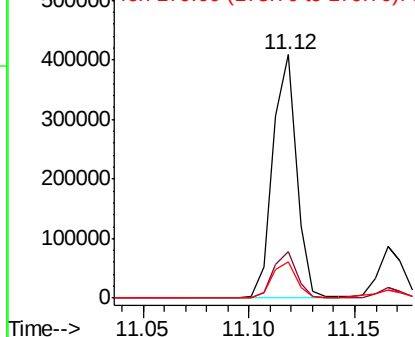


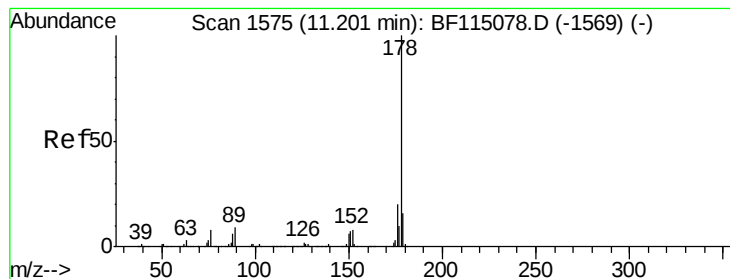
#71
 Phenanthrene
 Concen: 6.638 ng
 RT: 11.12 min Scan# 1561
 Delta R.T. -0.03 min
 Lab File: BF115255.D
 Acq: 28 Jun 2019 00:54

Tgt Ion: 178 Resp: 319952
 Ion Ratio Lower Upper
 178 100
 176 19.0 16.9 25.3
 179 15.1 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: 1.426 ng

RT: 11.17 min Scan# 1569

Delta R.T. -0.04 min

Lab File: BF115255.D

Acq: 28 Jun 2019 00:54

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-B

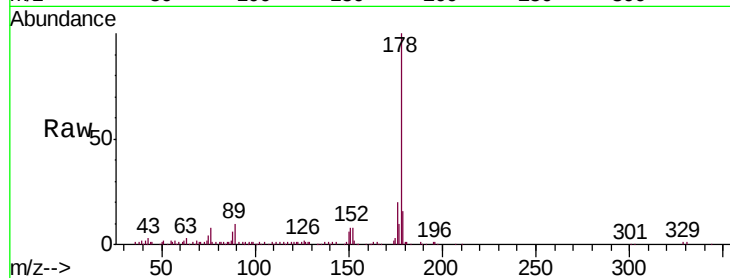
Tgt Ion:178 Resp: 69374

Ion Ratio Lower Upper

178 100

176 19.7 16.1 24.1

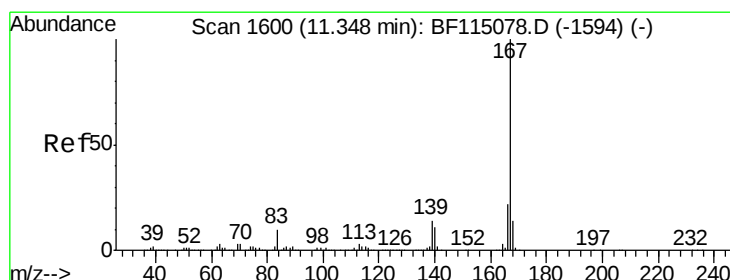
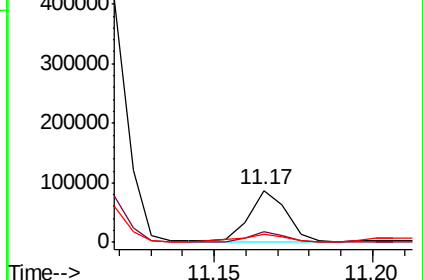
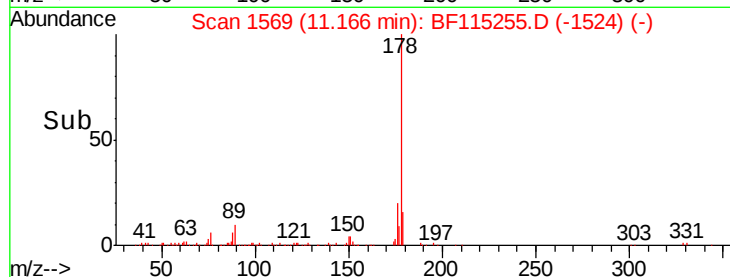
179 16.2 12.9 19.3



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: 0.507 ng

RT: 11.32 min Scan# 1595

Delta R.T. -0.03 min

Lab File: BF115255.D

Acq: 28 Jun 2019 00:54

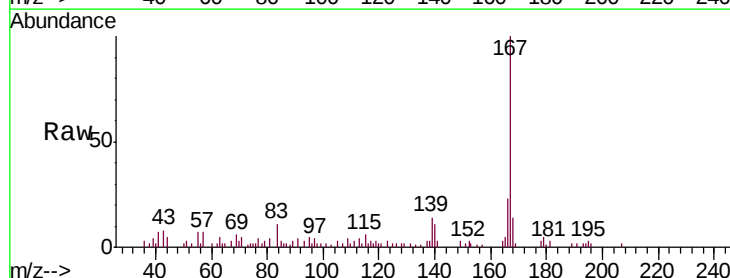
Tgt Ion:167 Resp: 22038

Ion Ratio Lower Upper

167 100

166 23.5 18.0 27.0

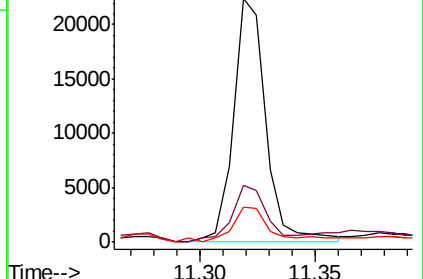
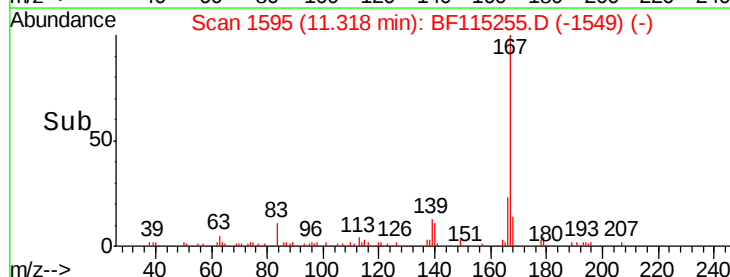
139 14.1 11.1 16.7

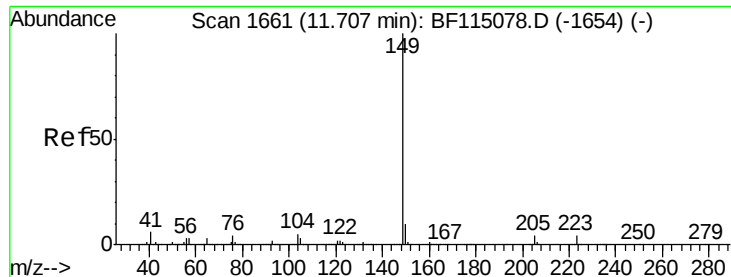


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 0.534 ng

RT: 11.67 min Scan# 1655

Delta R.T. -0.04 min

Lab File: BF115255.D

Acq: 28 Jun 2019 00:54

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-B

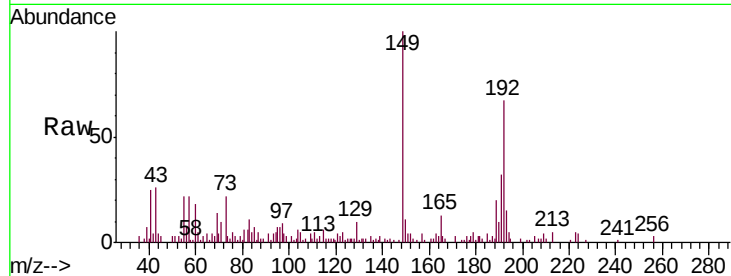
Tgt Ion:149 Resp: 26829

Ion Ratio Lower Upper

149 100

150 11.0 7.8 11.8

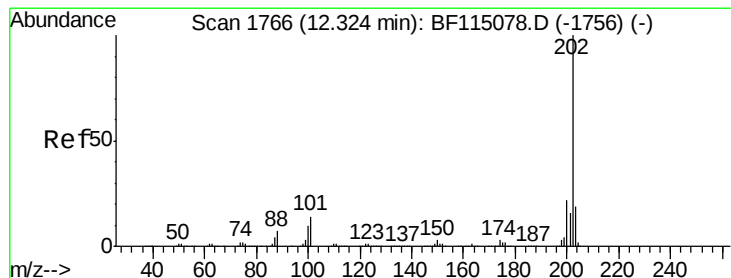
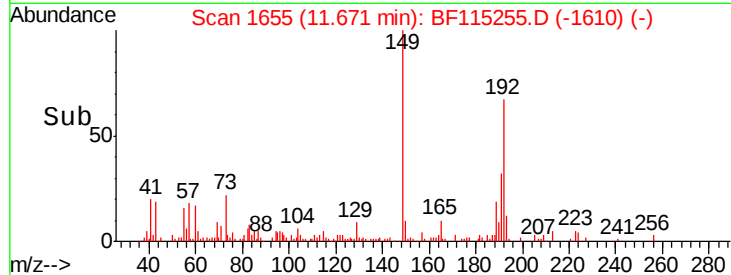
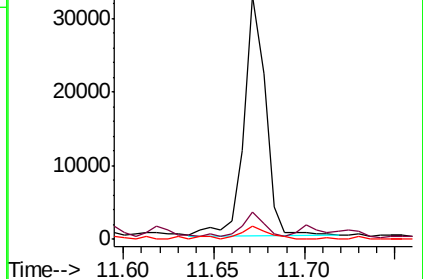
104 5.6 3.7 5.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 13.113 ng

RT: 12.29 min Scan# 1761

Delta R.T. -0.03 min

Lab File: BF115255.D

Acq: 28 Jun 2019 00:54

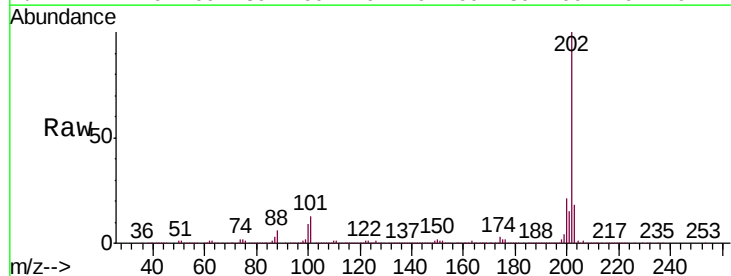
Tgt Ion:202 Resp: 630601

Ion Ratio Lower Upper

202 100

101 12.6 0.0 34.0

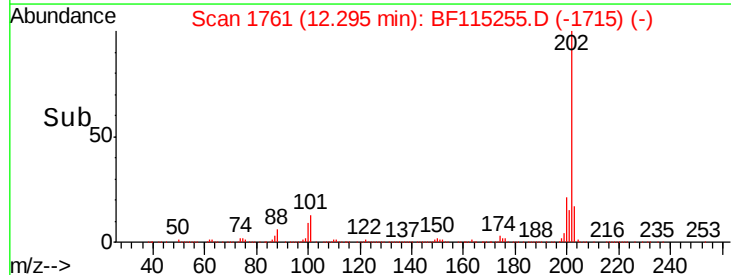
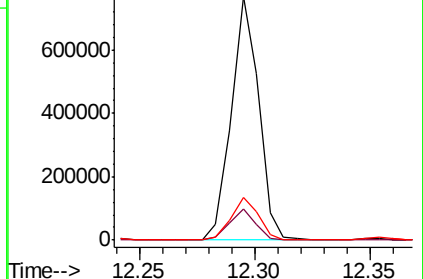
203 17.5 0.0 38.8

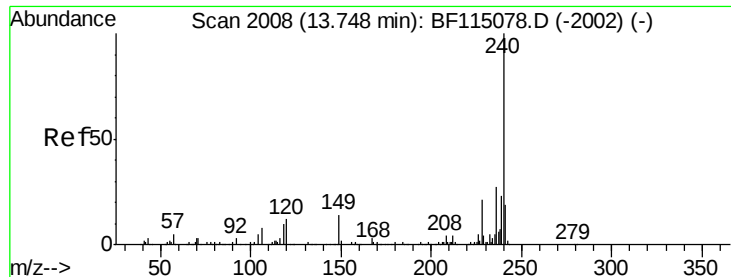


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

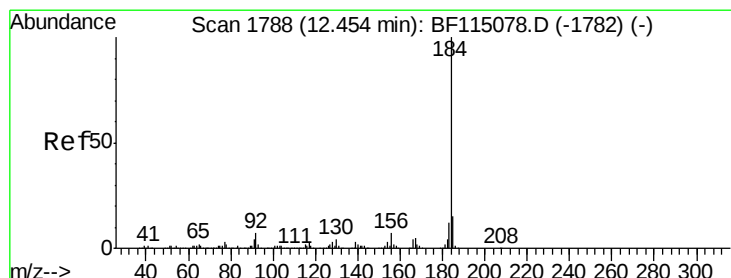
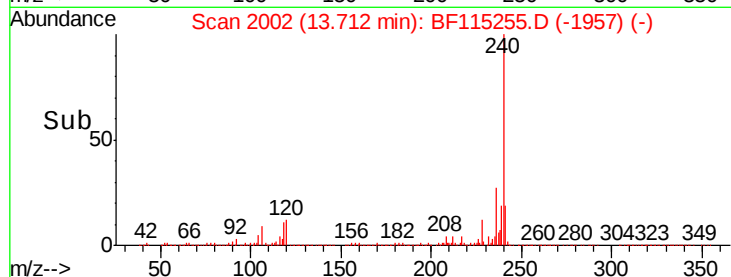
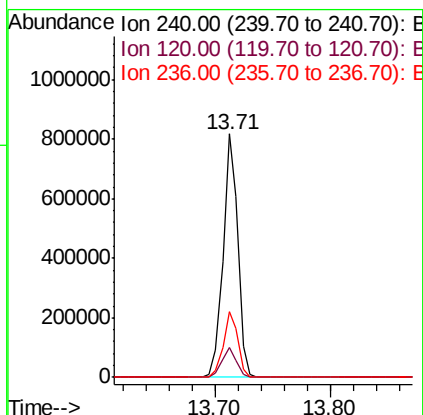
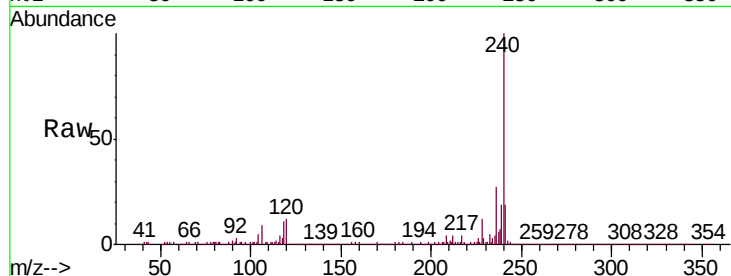




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.71 min Scan# 2002
Delta R.T. -0.04 min
Lab File: BF115255.D
Acq: 28 Jun 2019 00:54

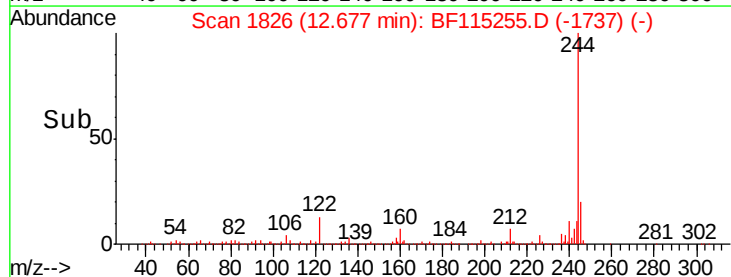
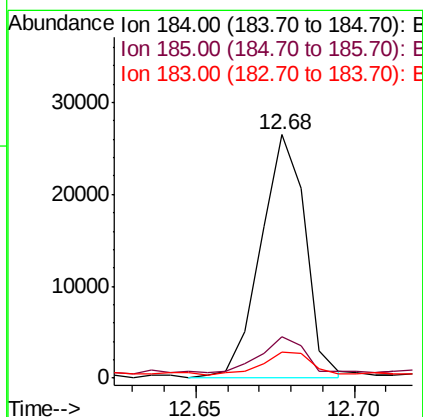
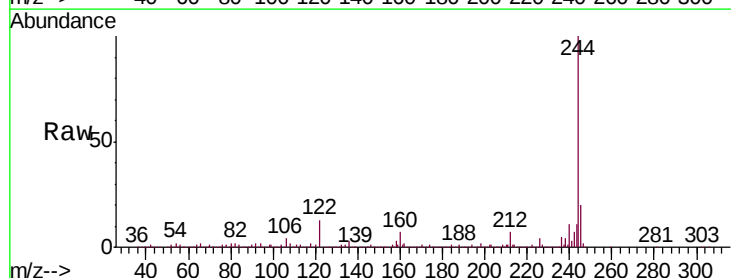
Instrument :
BNA_F
ClientSampleId :
TRIANGLE-AREA-SOIL-B

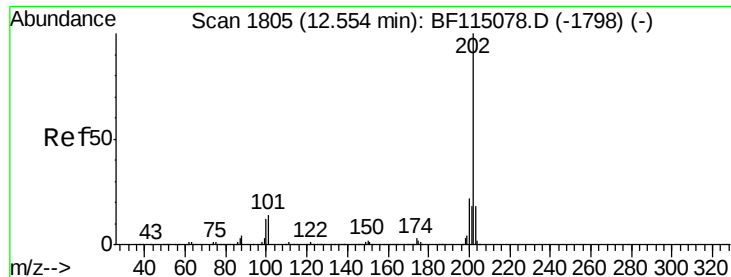
Tgt Ion:240 Resp: 717563
Ion Ratio Lower Upper
240 100
120 12.5 9.4 14.2
236 27.1 21.7 32.5



#77
Benzidine
Concen: 0.816 ng
RT: 12.68 min Scan# 1826
Delta R.T. 0.22 min
Lab File: BF115255.D
Acq: 28 Jun 2019 00:54

Tgt Ion:184 Resp: 26001
Ion Ratio Lower Upper
184 100
185 16.8 12.2 18.2
183 10.8 9.6 14.4

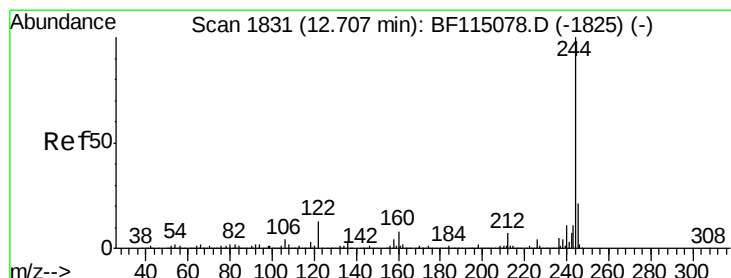
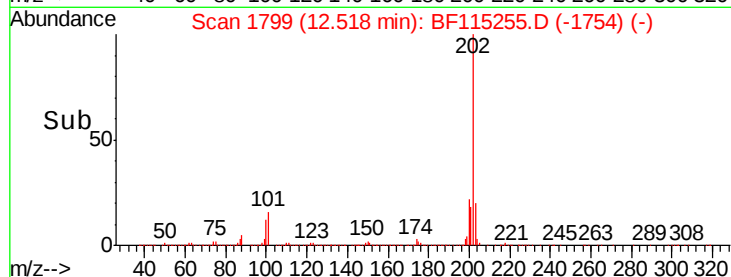
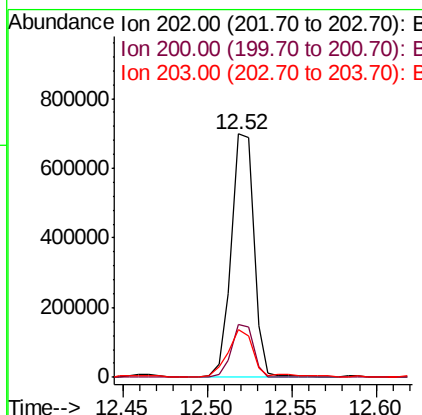
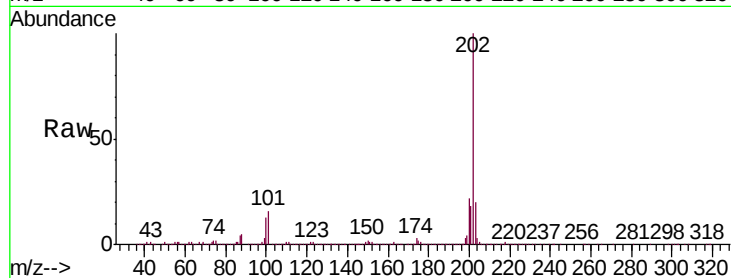




#78
 Pyrene
 Concen: 11.776 ng
 RT: 12.52 min Scan# 1799
 Delta R.T. -0.04 min
 Lab File: BF115255.D
 Acq: 28 Jun 2019 00:54

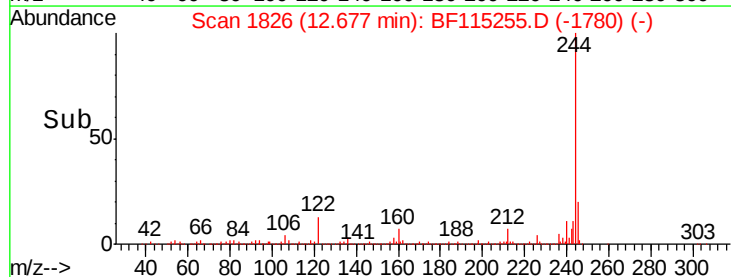
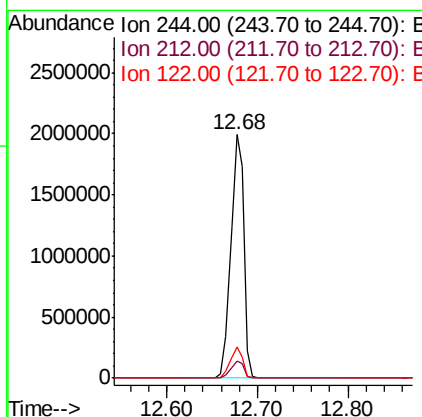
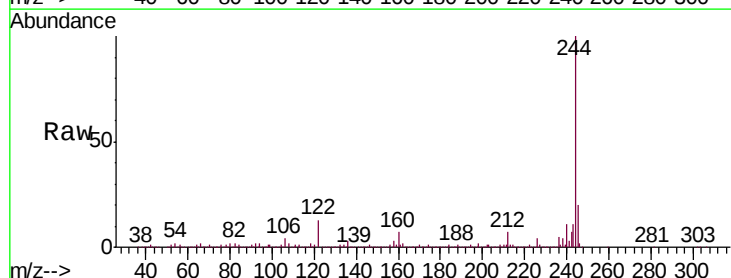
Instrument :
 BNA_F
 ClientSampleId :
 TRIANGLE-AREA-SOIL-B

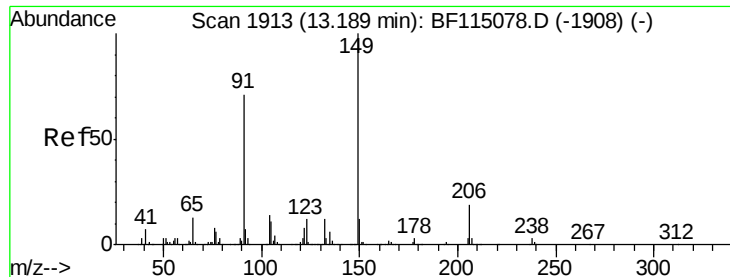
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.9	26.9
203	19.7	14.6	21.8



#79
 Terphenyl-d14
 Concen: 58.585 ng
 RT: 12.68 min Scan# 1826
 Delta R.T. -0.03 min
 Lab File: BF115255.D
 Acq: 28 Jun 2019 00:54

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.6
122	12.9	10.4	15.6

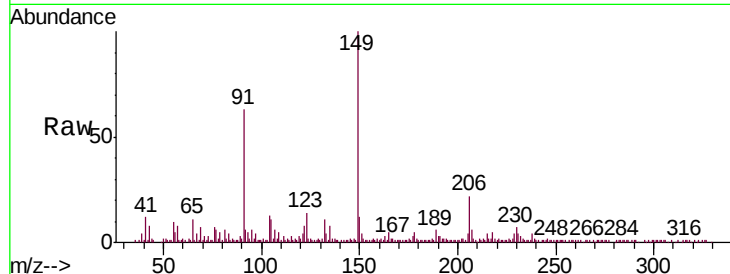




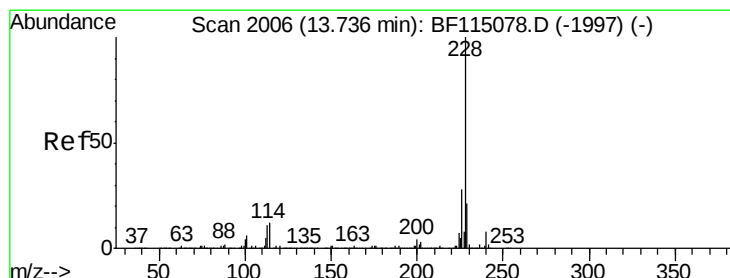
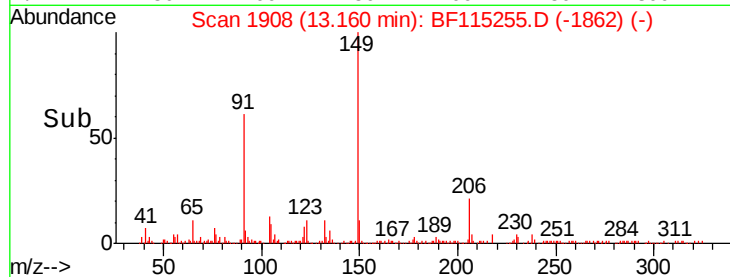
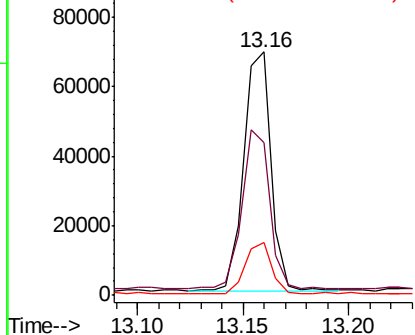
#80
Butylbenzylphthalate
Concen: 2.523 ng
RT: 13.16 min Scan# 1908
Delta R.T. -0.03 min
Lab File: BF115255.D
Acq: 28 Jun 2019 00:54

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

Tgt Ion:149 Resp: 61391
Ion Ratio Lower Upper
149 100
91 62.6 56.5 84.7
206 21.6 15.3 22.9

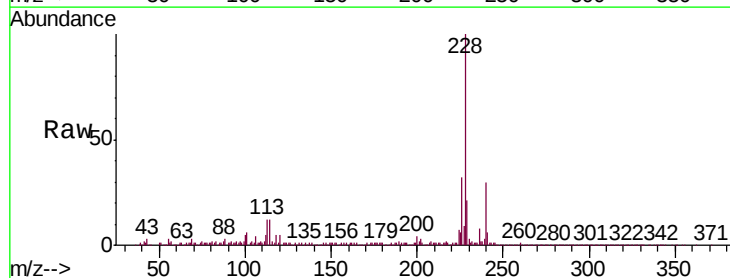


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

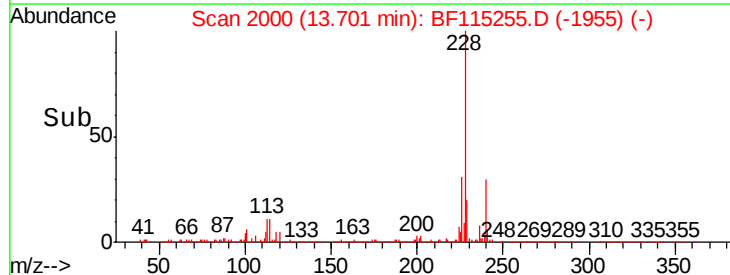
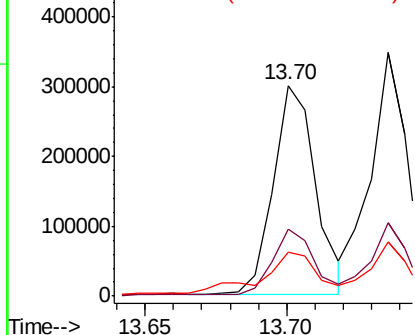


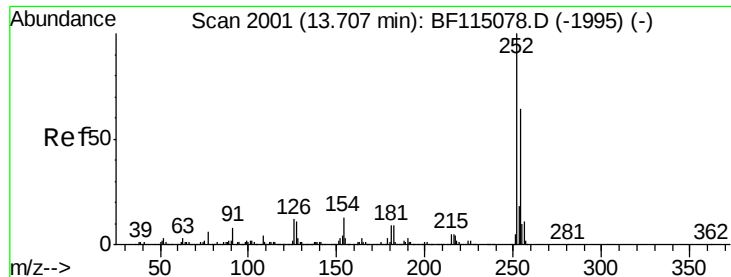
#81
Benzo(a)anthracene
Concen: 6.096 ng
RT: 13.70 min Scan# 2000
Delta R.T. -0.04 min
Lab File: BF115255.D
Acq: 28 Jun 2019 00:54

Tgt Ion:228 Resp: 313880
Ion Ratio Lower Upper
228 100
226 31.6 22.5 33.7
229 20.8 16.6 24.8



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





#82

3,3'-Dichlorobenzidine

Concen: 0.079 ng

RT: 13.65 min Scan# 1991

Delta R.T. -0.06 min

Lab File: BF115255.D

Acq: 28 Jun 2019 00:54

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-B

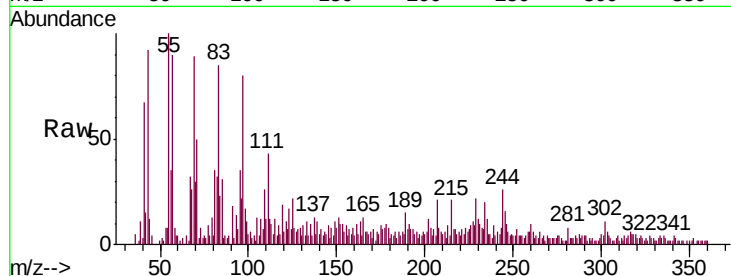
Tgt Ion:252 Resp: 1476

Ion Ratio Lower Upper

252 100

254 53.8 51.1 76.7

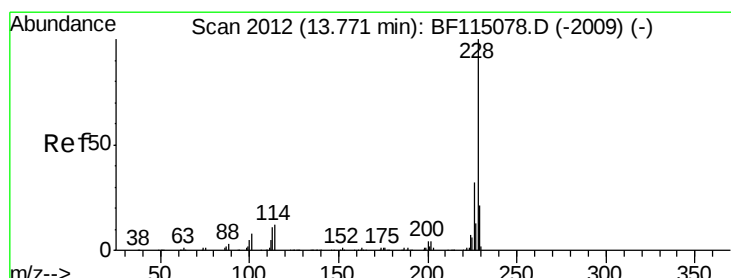
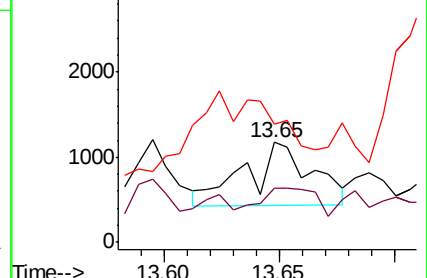
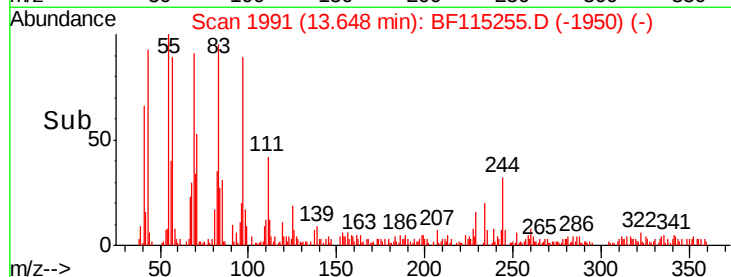
126 118.3 9.4 14.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83

Chrysene

Concen: 6.617 ng

RT: 13.74 min Scan# 2006

Delta R.T. -0.04 min

Lab File: BF115255.D

Acq: 28 Jun 2019 00:54

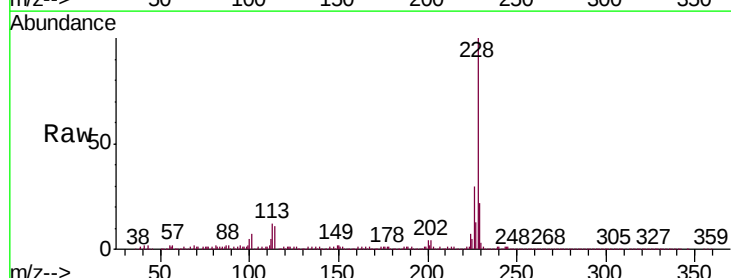
Tgt Ion:228 Resp: 312071

Ion Ratio Lower Upper

228 100

226 30.2 25.4 38.0

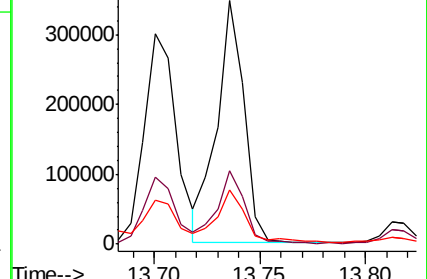
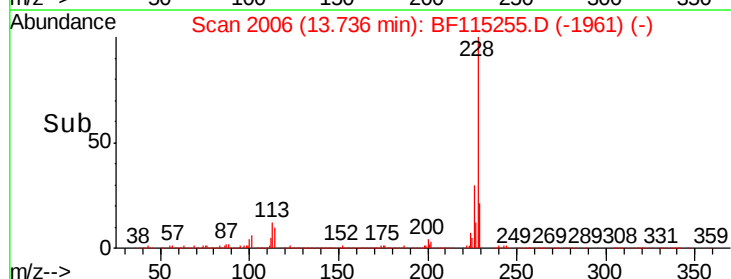
229 22.4 16.5 24.7

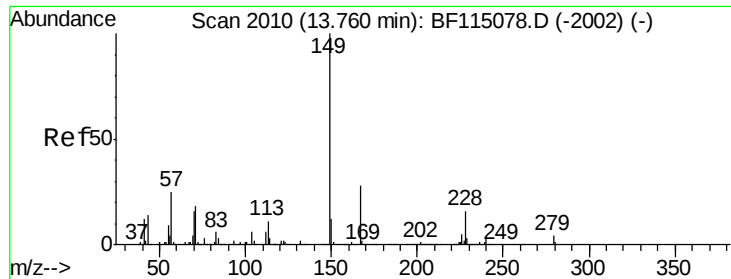


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

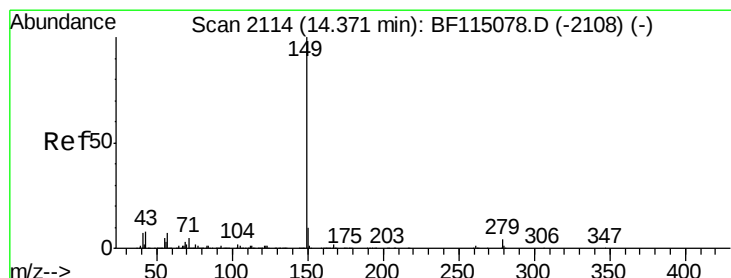
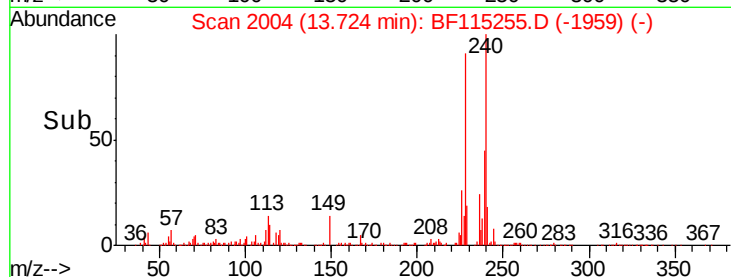
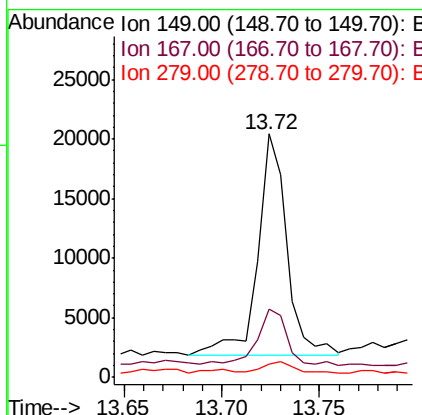
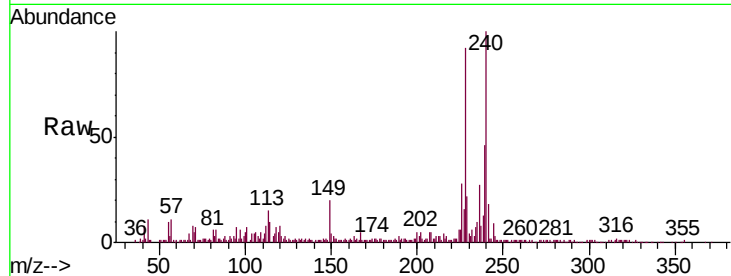




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.605 ng
 RT: 13.72 min Scan# 2004
 Delta R.T. -0.04 min
 Lab File: BF115255.D
 Acq: 28 Jun 2019 00:54

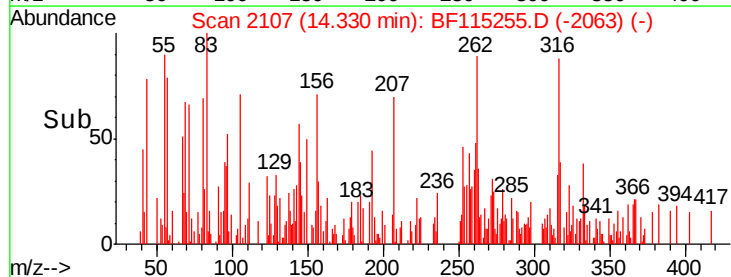
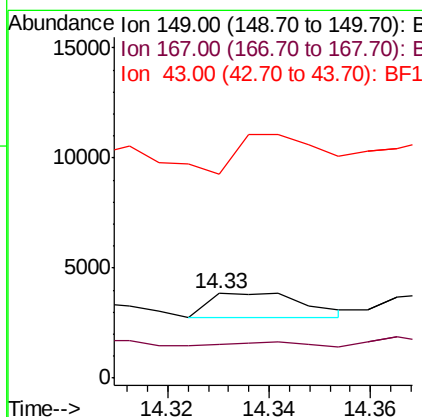
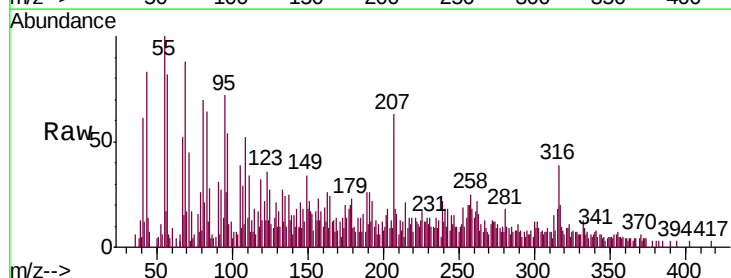
Instrument :
 BNA_F
 ClientSampleId :
 TRIANGLE-AREA-SOIL-B

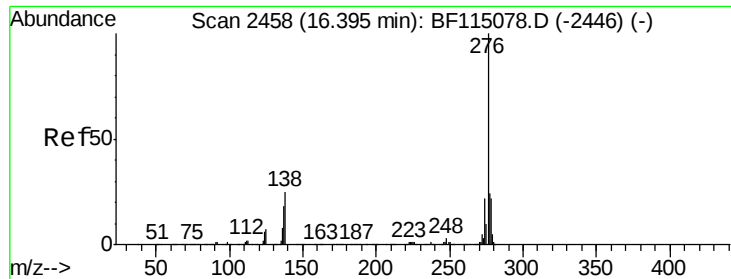
Tgt Ion:149 Resp: 19307
 Ion Ratio Lower Upper
 149 100
 167 27.9 22.2 33.4
 279 5.4 2.9 4.3#



#85
 Di-n-octyl phthalate
 Concen: 0.026 ng
 RT: 14.33 min Scan# 2107
 Delta R.T. -0.04 min
 Lab File: BF115255.D
 Acq: 28 Jun 2019 00:54

Tgt Ion:149 Resp: 1402
 Ion Ratio Lower Upper
 149 100
 167 13.0 1.2 1.8#
 43 143.0 7.0 10.6#

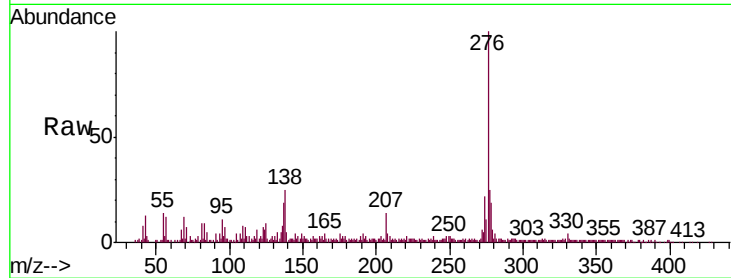




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 2.291 ng
 RT: 16.33 min Scan# 2447
 Delta R.T. -0.06 min
 Lab File: BF115255.D
 Acq: 28 Jun 2019 00:54

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

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.2	23.2	34.8
277	23.7	20.1	30.1

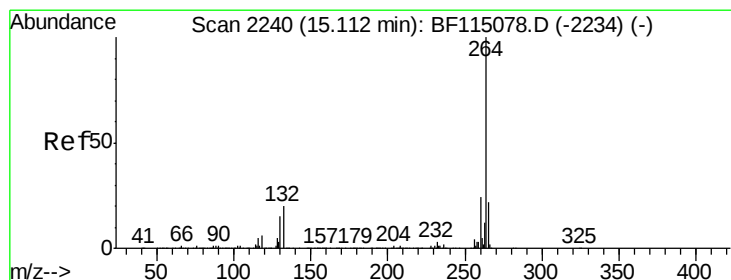
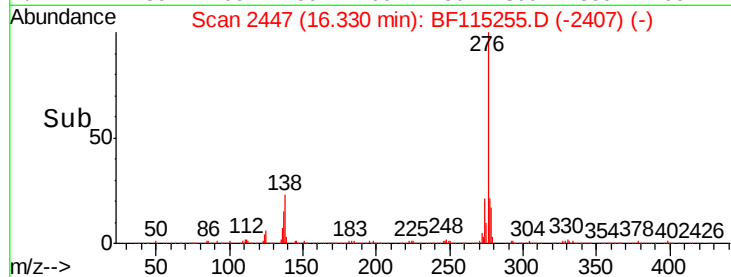
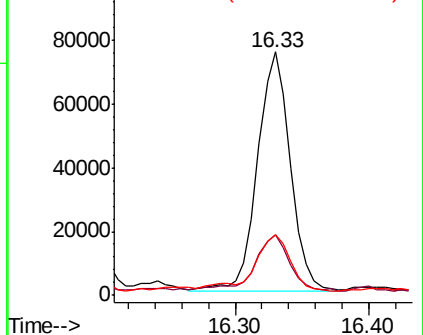


Abundance

Ion 276.00 (275.70 to 276.70): E

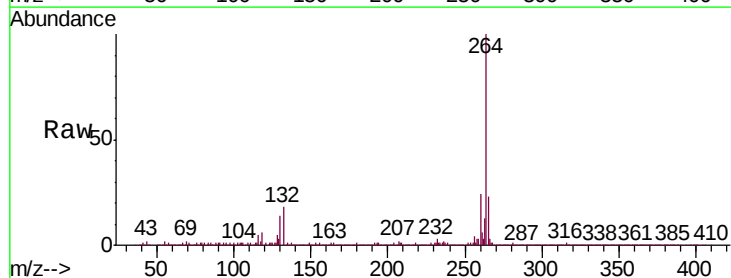
Ion 138.00 (137.70 to 138.70): E

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: BF115255.D
 Acq: 28 Jun 2019 00:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.6	29.4
265	22.5	17.3	25.9

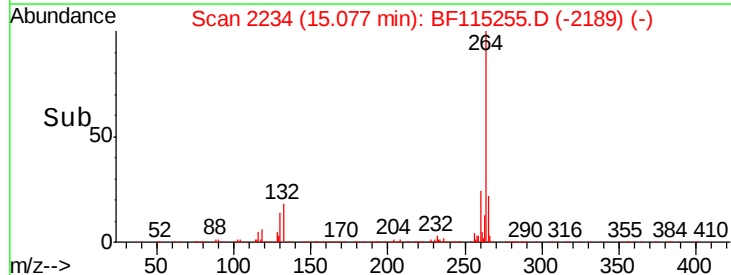
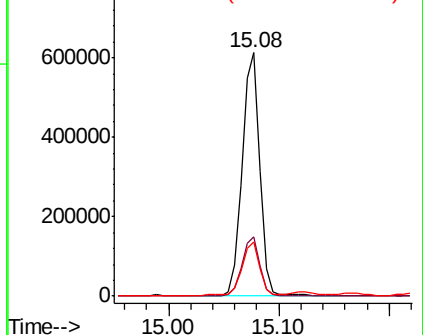


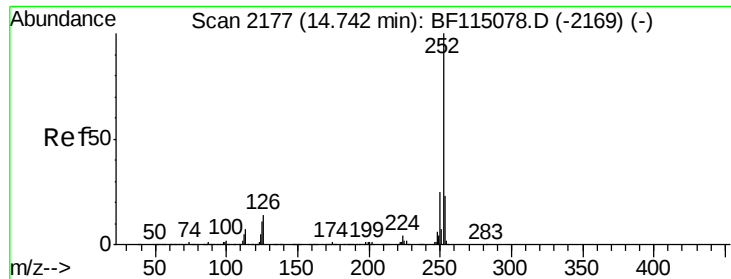
Abundance

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

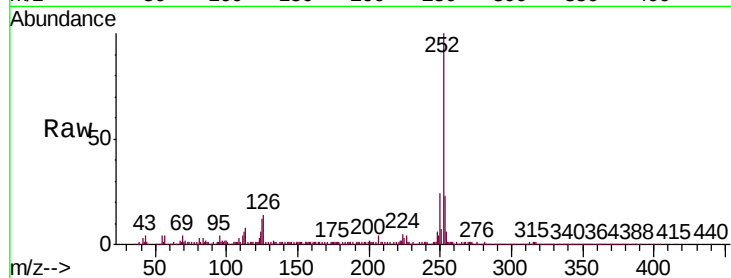




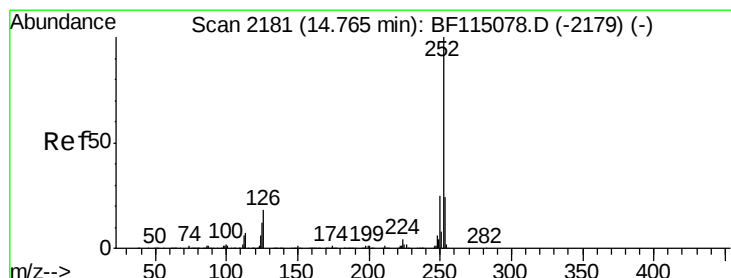
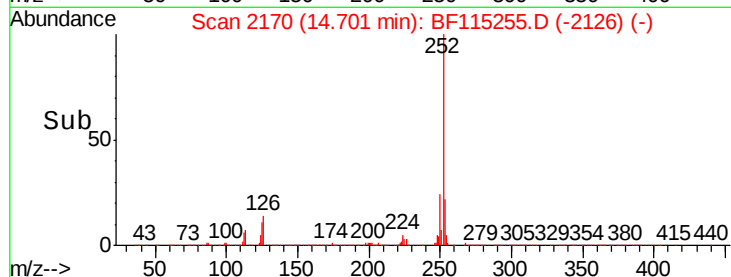
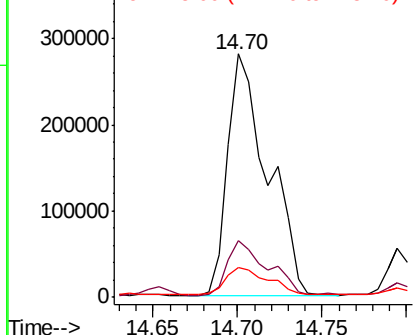
#88
Benzo(b)fluoranthene
Concen: 10.860 ng
RT: 14.70 min Scan# 2170
Delta R.T. -0.04 min
Lab File: BF115255.D
Acq: 28 Jun 2019 00:54

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

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	12.3	8.7	13.1

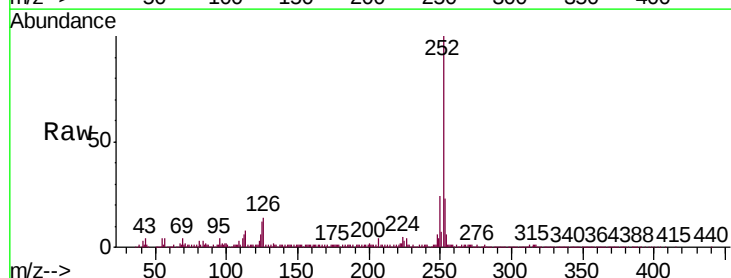


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

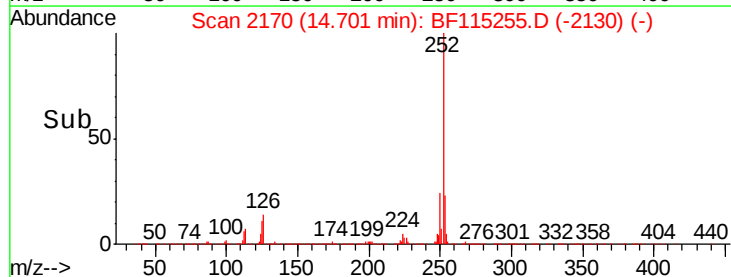
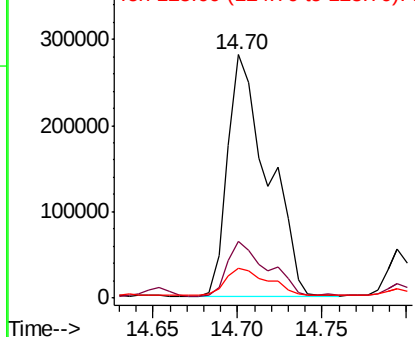


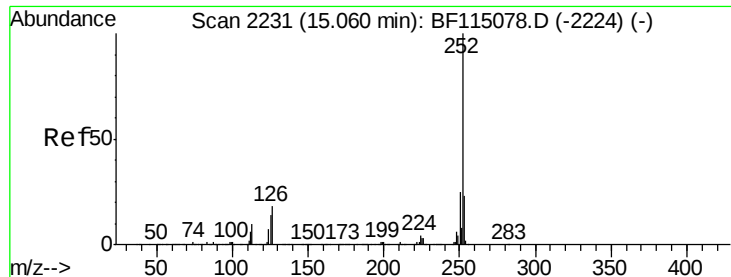
#89
Benzo(k)fluoranthene
Concen: 12.110 ng
RT: 14.70 min Scan# 2170
Delta R.T. -0.06 min
Lab File: BF115255.D
Acq: 28 Jun 2019 00:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.9	28.3
125	12.3	10.2	15.2



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

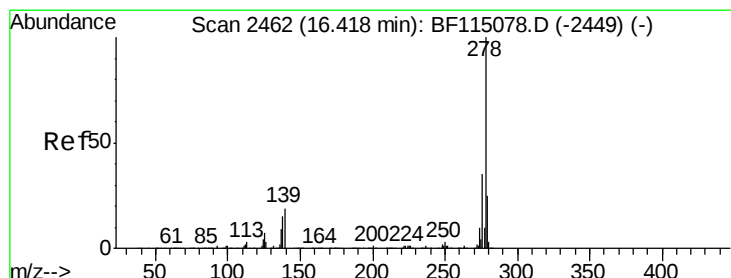
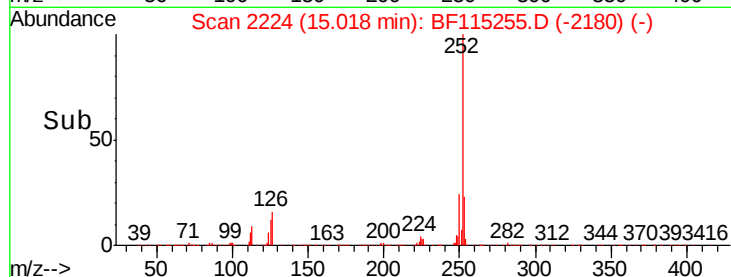
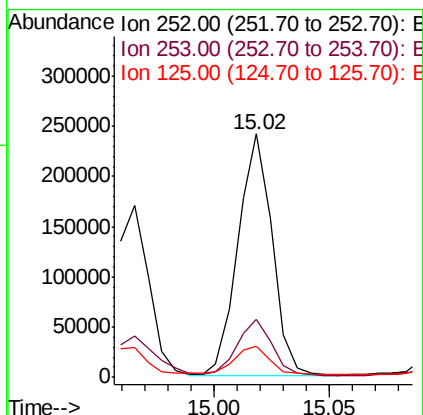
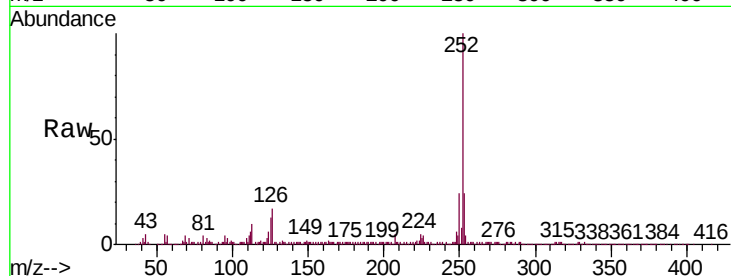




#90
Benzo(a)pyrene
Concen: 6.474 ng
RT: 15.02 min Scan# 2224
Delta R.T. -0.04 min
Lab File: BF115255.D
Acq: 28 Jun 2019 00:54

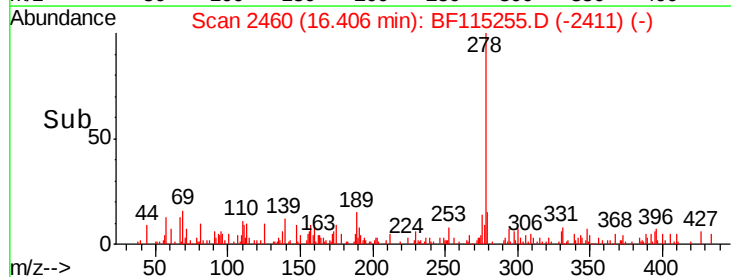
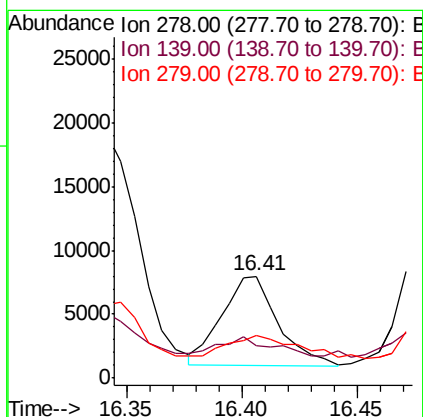
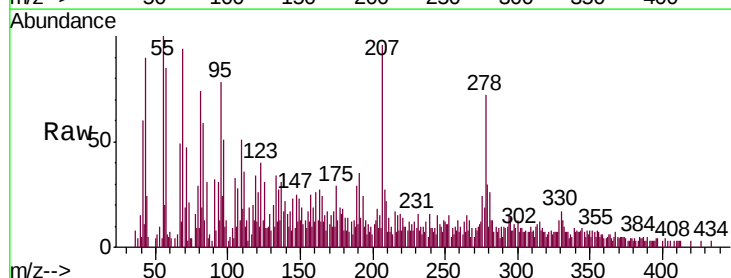
Instrument :
BNA_F
ClientSampleId :
TRIANGLE-AREA-SOIL-B

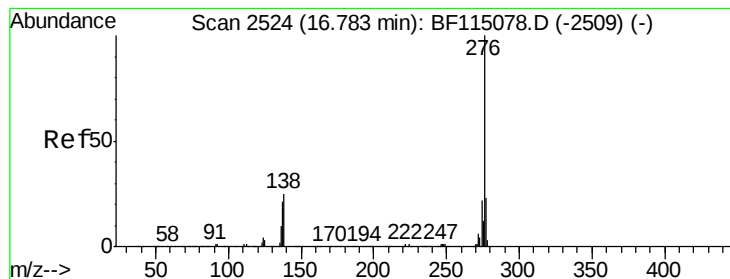
Tgt Ion: 252 Resp: 249344
Ion Ratio Lower Upper
252 100
253 23.9 18.3 27.5
125 12.8 10.9 16.3



#91
Dibenzo(a,h)anthracene
Concen: 0.329 ng
RT: 16.41 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BF115255.D
Acq: 28 Jun 2019 00:54

Tgt Ion: 278 Resp: 11844
Ion Ratio Lower Upper
278 100
139 31.1 15.4 23.2#
279 42.2 19.9 29.9#





#92

Benzo(g,h,i)perylene

Concen: 3.256 ng

RT: 16.71 min Scan# 2511

Delta R.T. -0.08 min

Lab File: BF115255.D

Acq: 28 Jun 2019 00:54

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-B

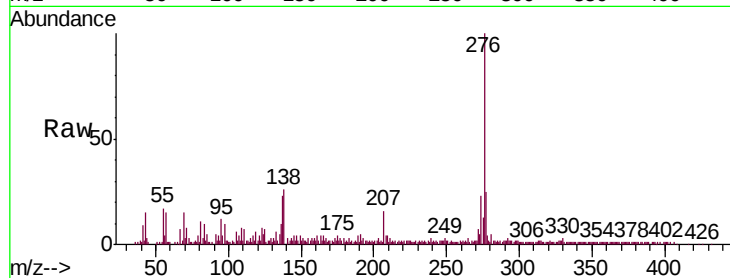
Tgt Ion: 276 Resp: 118503

Ion Ratio Lower Upper

276 100

277 24.8 18.6 28.0

138 25.7 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

