

Data File : BF115250.D
Acq On : 27 Jun 2019 22:41
Operator : HP/JU
Sample : K3532-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Jun 28 05:00:47 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	224426	20.00	ng	-0.02
21) Naphthalene-d8	7.88	136	840416	20.00	ng	-0.02
39) Acenaphthene-d10	9.62	164	404583	20.00	ng	-0.03
64) Phenanthrene-d10	11.09	188	805949	20.00	ng	-0.03
76) Chrysene-d12	13.71	240	689252	20.00	ng	-0.04
87) Perylene-d12	15.07	264	740838	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.20	112	1573540	108.20	ng	-0.01
7) Phenol-d6	6.24	99	1779299	100.80	ng	-0.02
23) Nitrobenzene-d5	7.16	82	1291872	94.56	ng	-0.02
42) 2,4,6-Tribromophenol	10.40	330	573235	134.36	ng	-0.03
45) 2-Fluorobiphenyl	8.95	172	2334518	98.01	ng	-0.03
79) Terphenyl-d14	12.68	244	2719069	83.88	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.04	88	261	0.038	ng	# 24
3) Pyridine	2.89	79	107	0.006	ng	# 26
4) n-Nitrosodimethylamine	2.78	42	749	0.099	ng	# 1
6) Aniline	6.25	93	217	0.009	ng	# 1
8) 2-Chlorophenol	6.38	128	604	0.037	ng	# 1
9) Benzaldehyde	6.24	77	2828	0.246	ng	# 1
10) Phenol	6.25	94	1752	0.085	ng	# 24
11) bis(2-Chloroethyl)ether	6.37	93	2206	0.145	ng	# 1
12) 1,3-Dichlorobenzene	6.54	146	277	0.015	ng	# 65
13) 1,4-Dichlorobenzene	6.62	146	325	0.018	ng	# 25
14) 1,2-Dichlorobenzene	6.77	146	117	0.007	ng	# 1
15) Benzyl Alcohol	6.75	79	20953	1.630	ng	# 41
16) 2,2'-oxybis(1-Chloropropan	6.87	45	347	0.016	ng	# 67
17) 2-Methylphenol	6.75	107	116	0.009	ng	# 1
19) n-Nitroso-di-n-propylamine	7.16	70	171274	15.156	ng	# 76
20) 3+4-Methylphenols	6.75	107	116	0.007	ng	# 1
22) Acetophenone	7.00	105	1402	0.073	ng	# 86
24) Nitrobenzene	7.16	77	3672	0.244	ng	# 31
25) Isophorone	7.16	82	1272743	45.476	ng	# 63
27) 2,4-Dimethylphenol	7.59	122	14233	1.170	ng	# 6
28) bis(2-Chloroethoxy)methane	7.88	93	252	0.014	ng	# 1
30) 1,2,4-Trichlorobenzene	7.82	180	593	0.043	ng	# 78
31) Naphthalene	7.90	128	1165	0.028	ng	# 67
32) Benzoic acid	7.59	122	14233	1.638	ng	# 96
33) 4-Chloroaniline	7.95	127	124	0.007	ng	# 48
37) 2-Methylnaphthalene	8.58	142	825	0.030	ng	# 86
38) 1-Methylnaphthalene	8.68	142	622	0.023	ng	# 80
40) 1,2,4,5-Tetrachlorobenzene	8.75	216	586	0.051	ng	# 67
46) 1,1'-Biphenyl	9.05	154	5295	0.164	ng	# 99
47) 2-Chloronaphthalene	9.07	162	921	0.035	ng	# 61
48) 2-Nitroaniline	8.95	65	3557	0.465	ng	# 1
49) Acenaphthylene	9.48	152	524	0.013	ng	# 59
50) Dimethylphthalate	9.62	163	113795	3.823	ng	# 1
51) 2,6-Dinitrotoluene	9.62	165	53291	7.755	ng	# 28

Data File : BF115250.D
Acq On : 27 Jun 2019 22:41
Operator : HP/JU
Sample : K3532-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Jun 28 05:00:47 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

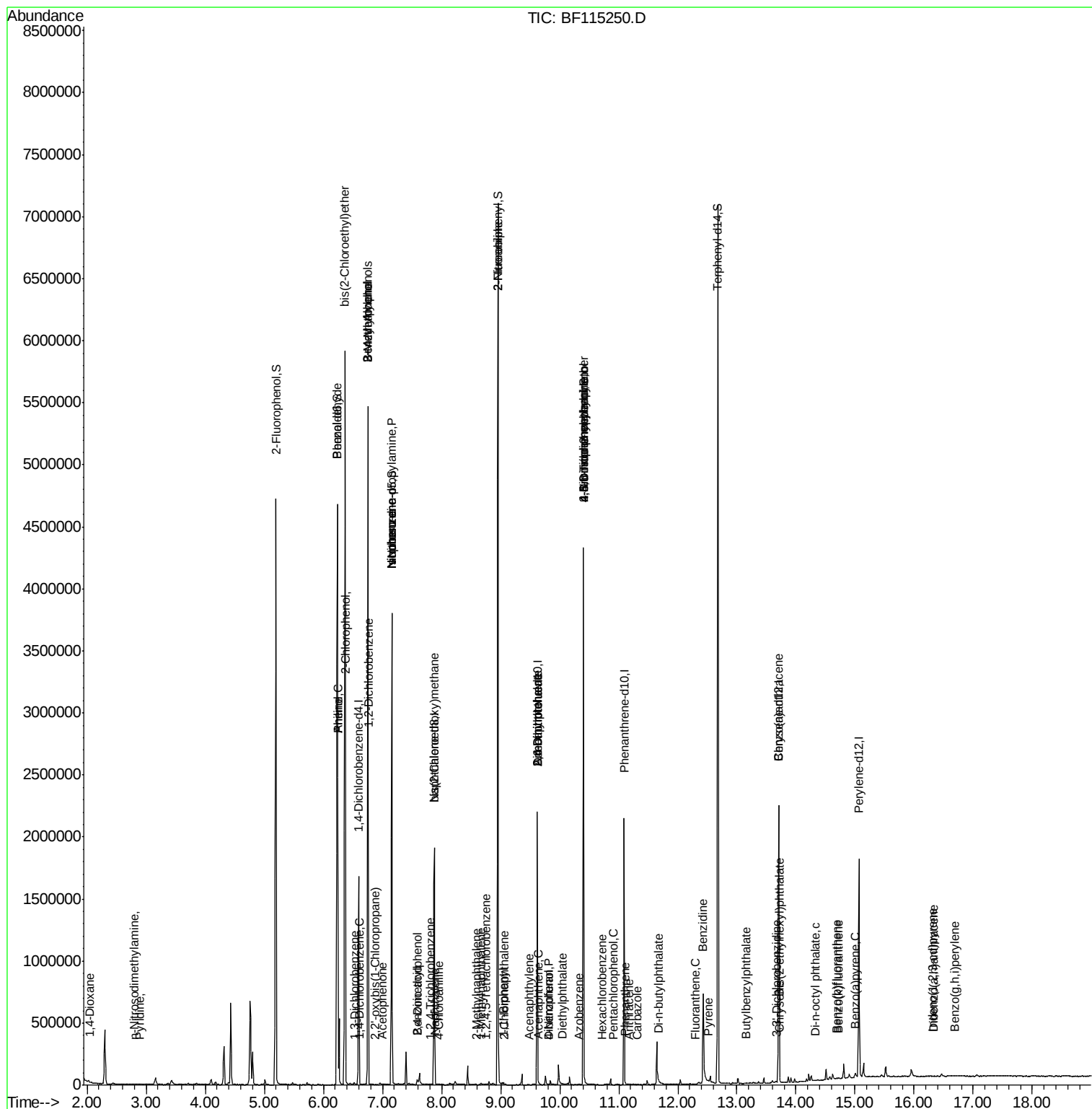
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	9.65	154	489	0.019	ng	# 69
55) Dibenzofuran	9.82	168	1128	0.031	ng	# 80
56) 4-Nitrophenol	9.82	139	285	0.042	ng	# 11
57) 2,4-Dinitrotoluene	9.62	165	53291	6.006	ng	# 30
58) Fluorene	10.40	166	26303	Below Cal	#	93
60) Diethylphthalate	10.05	149	621	0.021	ng	# 58
61) 4-Chlorophenyl-phenylether	10.16	204	312	Below Cal	#	75
63) Azobenzene	10.32	77	951	0.034	ng	# 71
65) 4,6-Dinitro-2-methylphenol	10.40	198	1035	5.176	ng	# 1
66) n-Nitrosodiphenylamine	10.40	169	16291	0.649	ng	# 42
67) 4-Bromophenyl-phenylether	10.40	248	36021	4.122	ng	# 1
68) Hexachlorobenzene	10.71	284	171	0.018	ng	# 43
70) Pentachlorophenol	10.90	266	106	0.018	ng	# 20
71) Phenanthrene	11.11	178	1650	0.038	ng	# 78
72) Anthracene	11.17	178	1071	0.024	ng	# 68
73) Carbazole	11.32	167	488	0.012	ng	# 58
74) Di-n-butylphthalate	11.67	149	2542	0.056	ng	# 91
75) Fluoranthene	12.29	202	1379	0.032	ng	# 61
77) Benzidine	12.42	184	5142	0.168	ng	# 1
78) Pyrene	12.52	202	1470	0.028	ng	# 79
80) Butylbenzylphthalate	13.15	149	525	0.022	ng	# 43
81) Benzo(a)anthracene	13.71	228	3199	0.065	ng	# 73
82) 3,3'-Dichlorobenzidine	13.67	252	434	0.024	ng	# 87
83) Chrysene	13.73	228	1257	0.028	ng	# 89
84) Bis(2-ethylhexyl)phthalate	13.72	149	2557	0.083	ng	# 94
85) Di-n-octyl phthalate	14.33	149	1472	0.029	ng	# 25
86) Indeno(1,2,3-cd)pyrene	16.32	276	967	0.018	ng	# 59
88) Benzo(b)fluoranthene	14.69	252	1182	0.026	ng	# 70
89) Benzo(k)fluoranthene	14.72	252	1190	0.029	ng	# 85
90) Benzo(a)pyrene	15.01	252	1076	0.026	ng	# 63
91) Dibenzo(a,h)anthracene	16.34	278	686	0.018	ng	# 53
92) Benzo(g,h,i)perylene	16.69	276	572	0.015	ng	# 51

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

Data File : BF115250.D
Acq On : 27 Jun 2019 22:41
Operator : HP/JU
Sample : K3532-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Jun 28 05:00:47 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



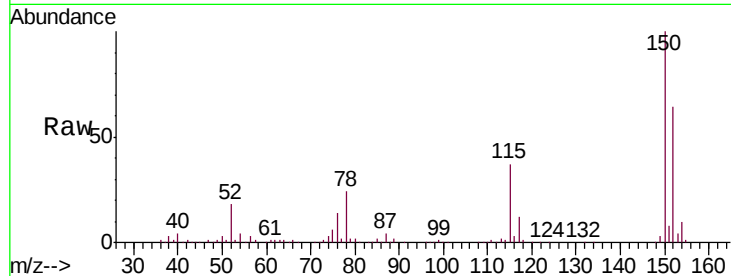


#1

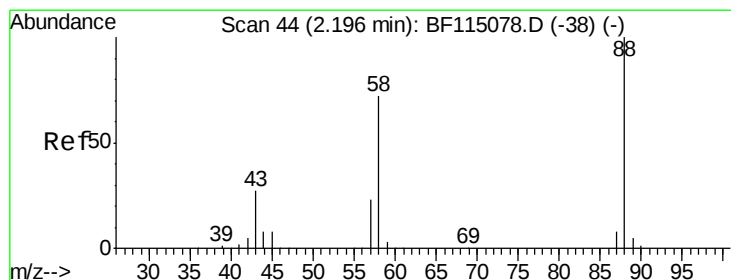
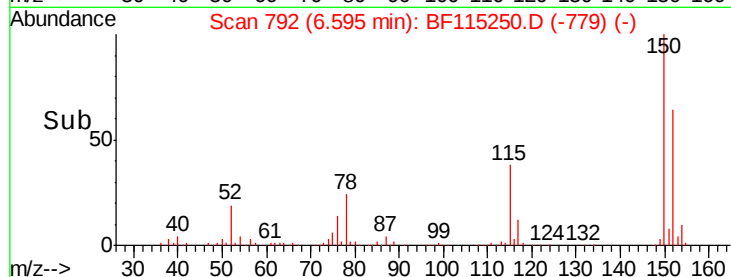
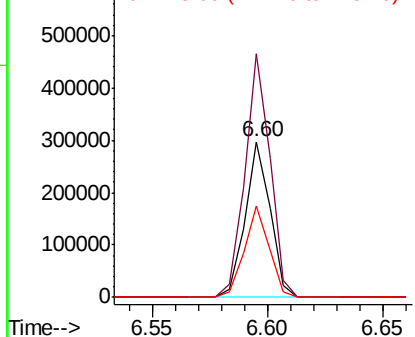
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 792
Delta R.T. -0.02 min
Lab File: BF115250.D
Acq: 27 Jun 2019 22:41

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

Tgt Ion:152 Resp: 224426
Ion Ratio Lower Upper
152 100
150 156.7 124.2 186.2
115 58.7 46.1 69.1



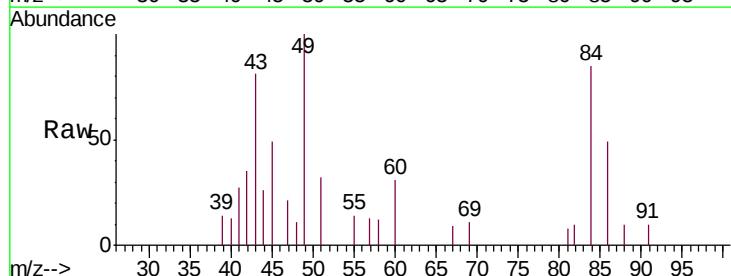
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



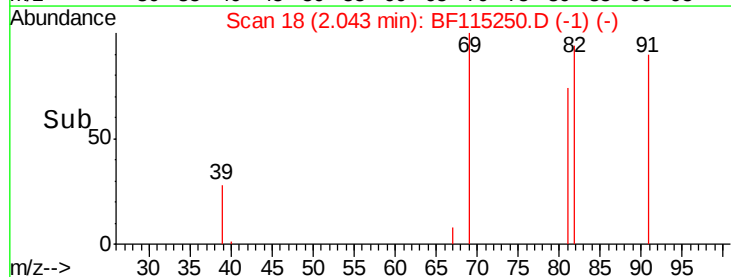
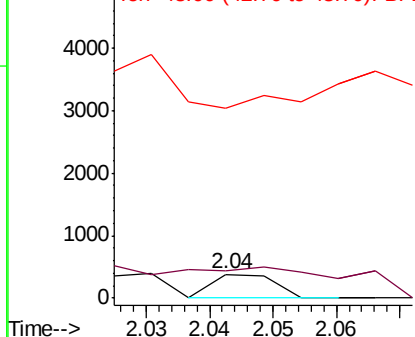
#2

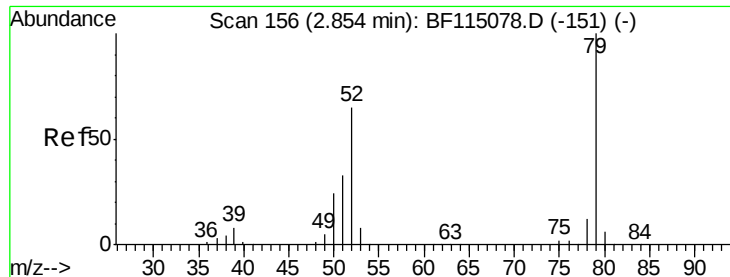
1,4-Dioxane
Concen: 0.038 ng
RT: 2.04 min Scan# 18
Delta R.T. -0.15 min
Lab File: BF115250.D
Acq: 27 Jun 2019 22:41

Tgt Ion: 88 Resp: 261
Ion Ratio Lower Upper
88 100
58 0.0 56.1 84.1#
43 0.0 21.3 31.9#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 0.006 ng

RT: 2.89 min Scan# 162

Delta R.T. 0.04 min

Lab File: BF115250.D

Acq: 27 Jun 2019 22:41

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-B

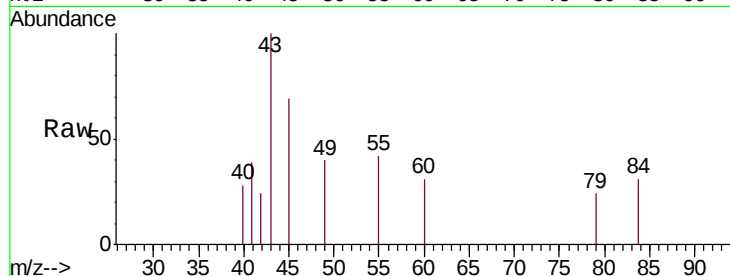
Tgt Ion: 79 Resp: 107

Ion Ratio Lower Upper

79 100

52 0.0 52.3 78.5#

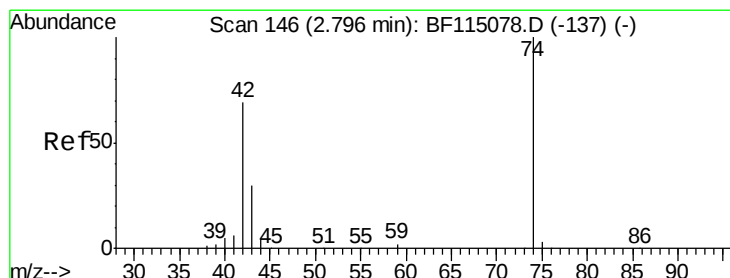
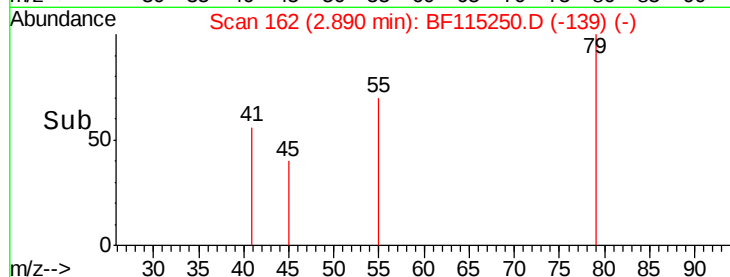
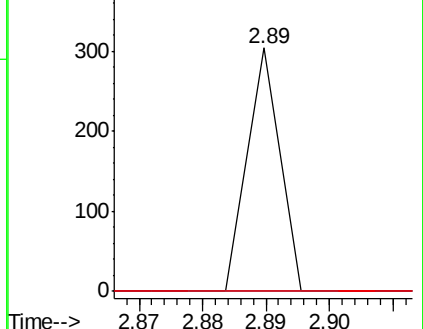
51 0.0 26.1 39.1#



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: 0.099 ng

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: BF115250.D

Acq: 27 Jun 2019 22:41

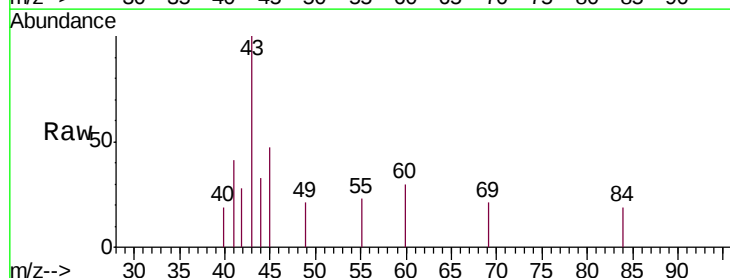
Tgt Ion: 42 Resp: 749

Ion Ratio Lower Upper

42 100

74 0.0 116.6 175.0#

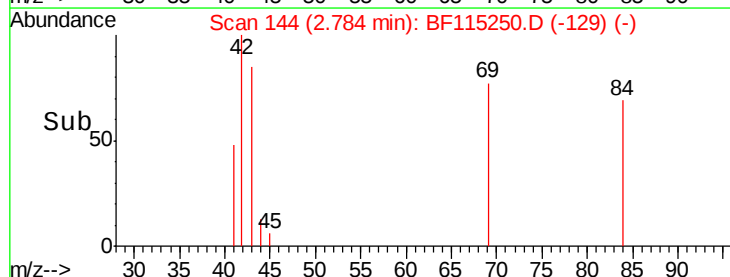
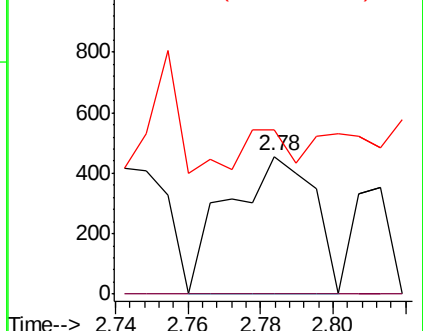
44 119.1 5.3 7.9#

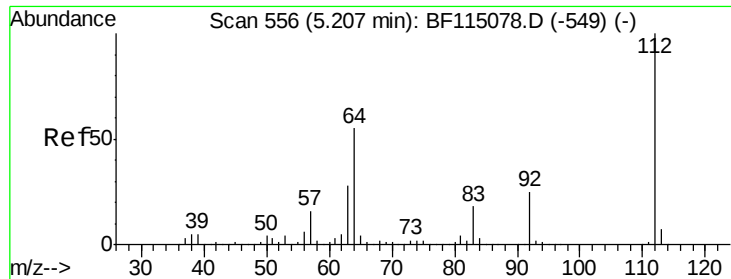


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 108.198 ng

RT: 5.20 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF115250.D

Acq: 27 Jun 2019 22:41

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-B

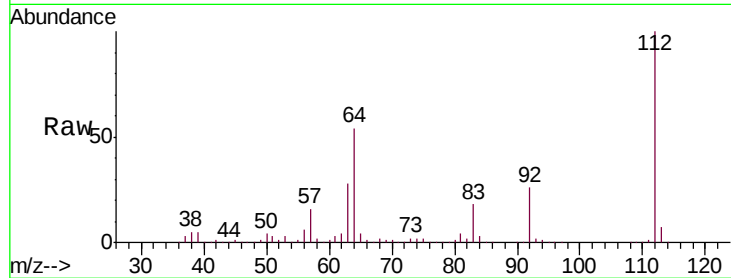
Tgt Ion: 112 Resp: 1573540

Ion Ratio Lower Upper

112 100

64 54.4 43.8 65.6

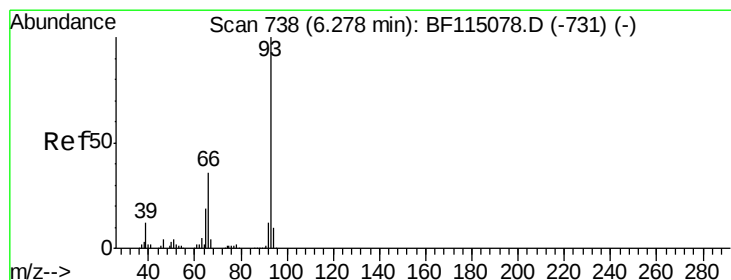
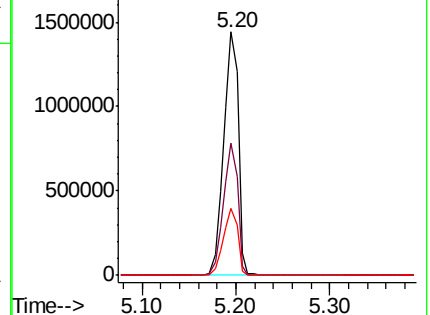
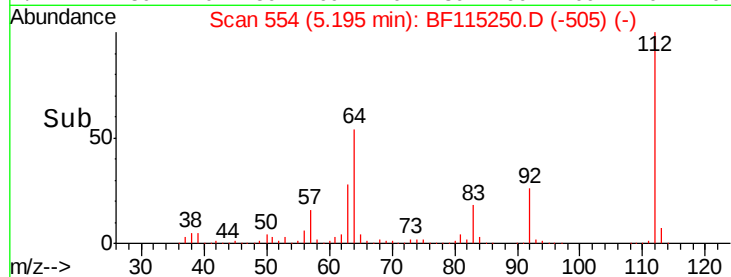
63 27.6 22.2 33.4



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: 0.009 ng

RT: 6.25 min Scan# 733

Delta R.T. -0.03 min

Lab File: BF115250.D

Acq: 27 Jun 2019 22:41

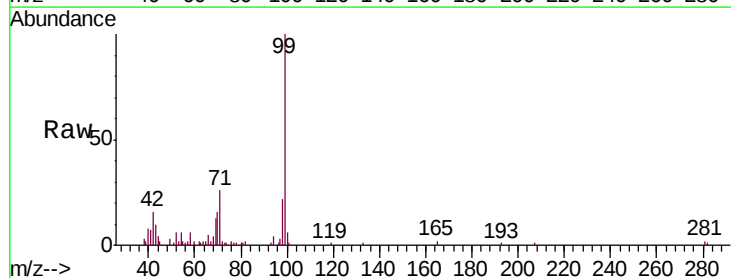
Tgt Ion: 93 Resp: 217

Ion Ratio Lower Upper

93 100

66 835.9 30.0 45.0#

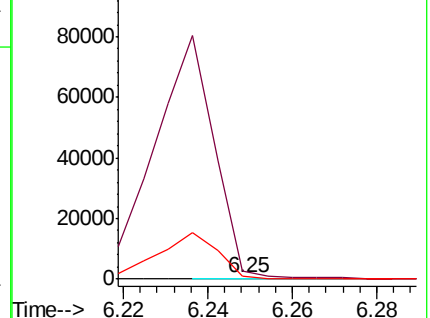
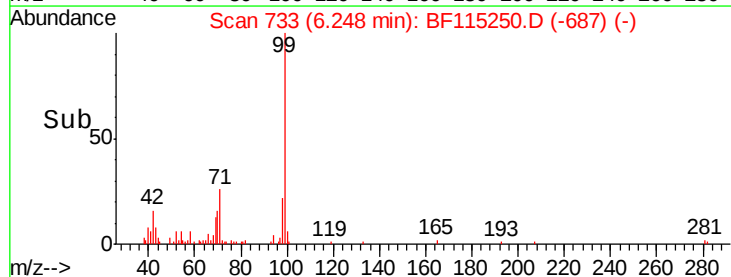
65 277.1 15.6 23.4#

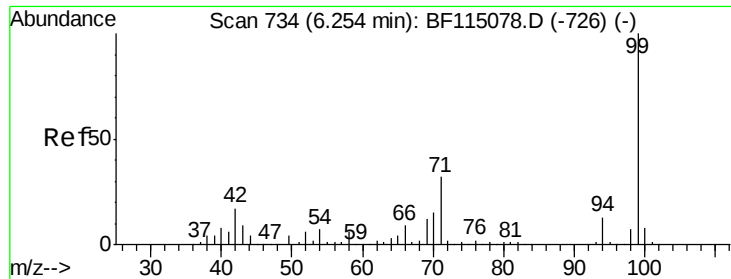


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 100.799 ng

RT: 6.24 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF115250.D

Acq: 27 Jun 2019 22:41

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-B

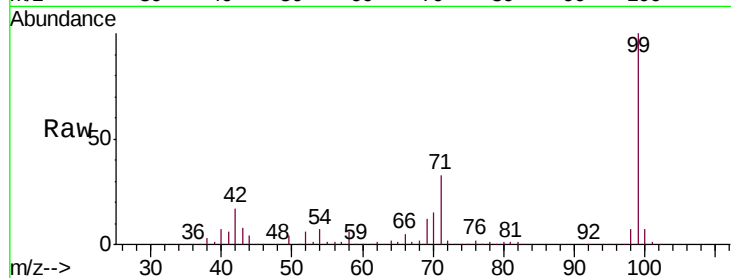
Tgt Ion: 99 Resp: 1779299

Ion Ratio Lower Upper

99 100

42 17.2 13.6 20.4

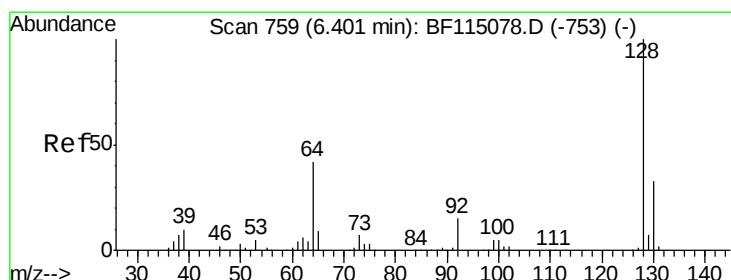
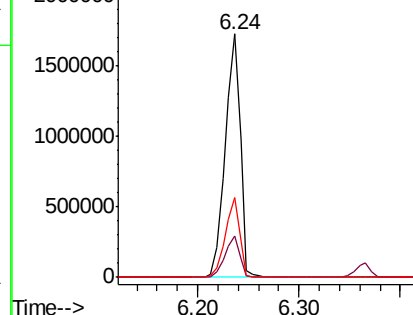
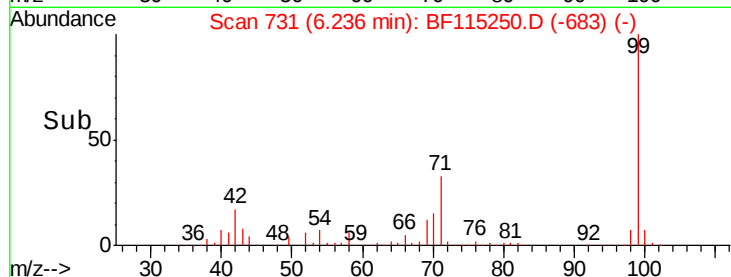
71 32.8 25.5 38.3



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: 0.037 ng

RT: 6.38 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF115250.D

Acq: 27 Jun 2019 22:41

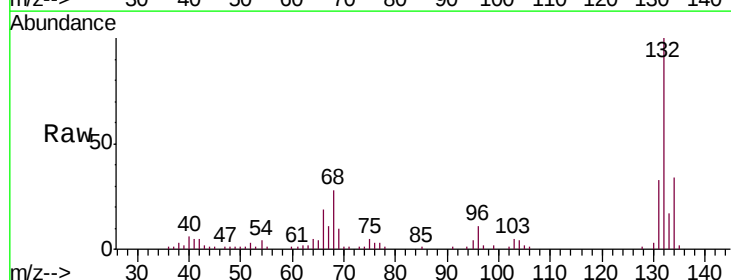
Tgt Ion: 128 Resp: 604

Ion Ratio Lower Upper

128 100

130 173.2 12.9 52.9#

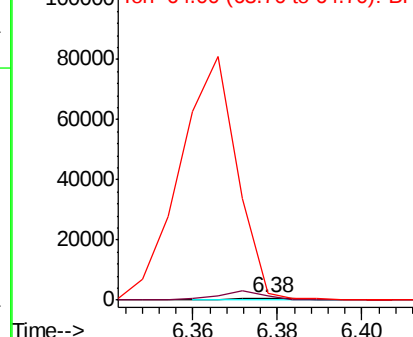
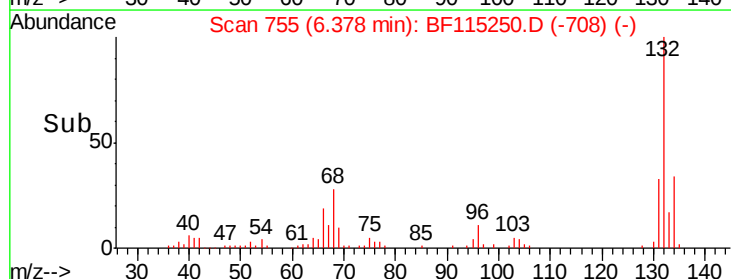
64 322.2 22.9 62.9#

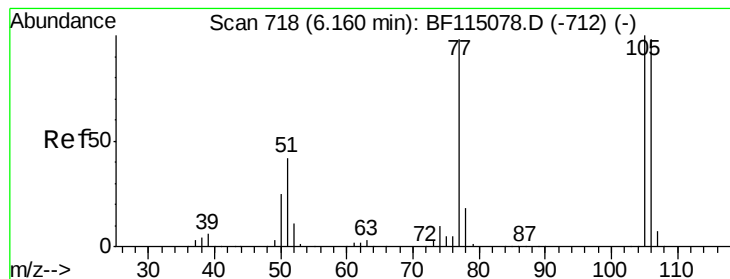


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 0.246 ng

RT: 6.24 min Scan# 731

Delta R.T. 0.08 min

Lab File: BF115250.D

Acq: 27 Jun 2019 22:41

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-B

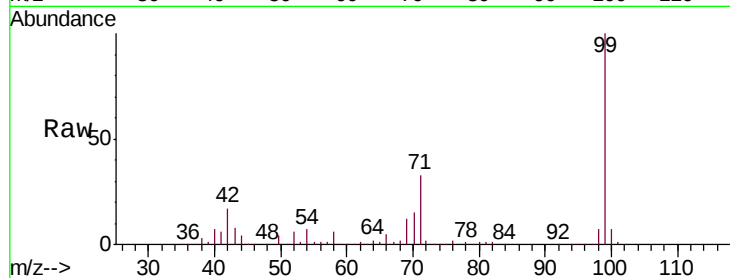
Tgt Ion: 77 Resp: 2828

Ion Ratio Lower Upper

77 100

105 0.0 81.5 121.5#

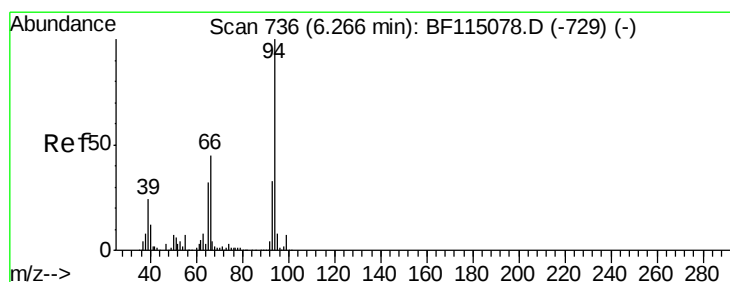
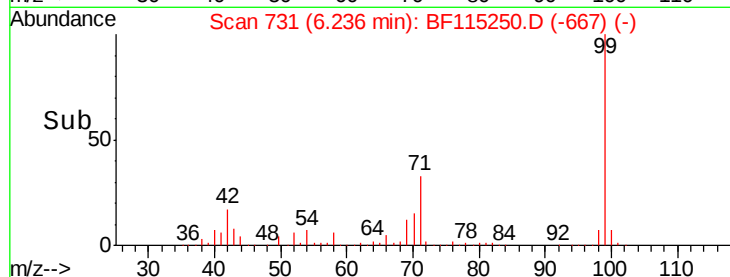
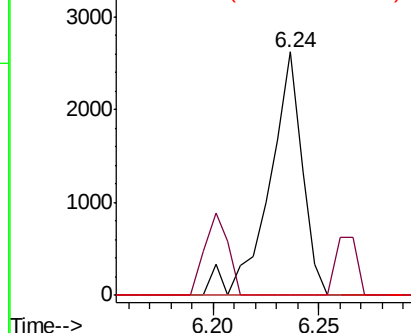
106 0.0 79.7 119.7#



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: 0.085 ng

RT: 6.25 min Scan# 733

Delta R.T. -0.02 min

Lab File: BF115250.D

Acq: 27 Jun 2019 22:41

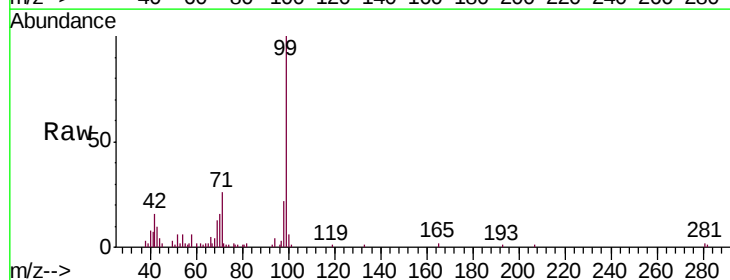
Tgt Ion: 94 Resp: 1752

Ion Ratio Lower Upper

94 100

65 40.8 11.9 51.9

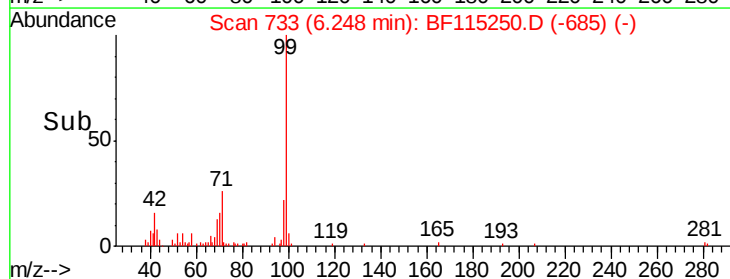
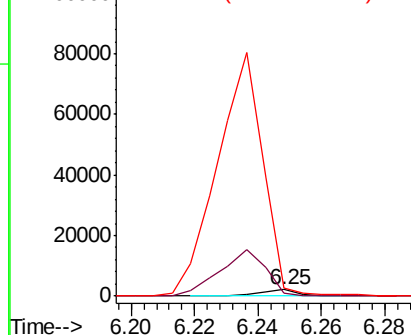
66 123.0 25.2 65.2#

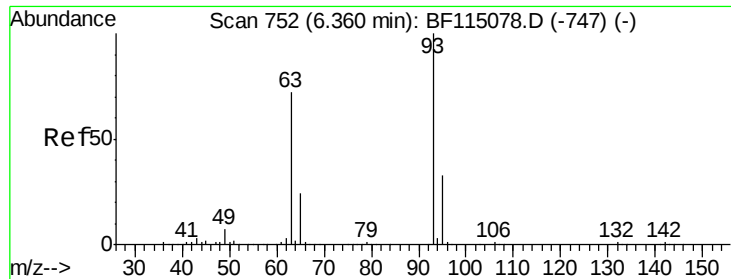


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 0.145 ng

RT: 6.37 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF115250.D

Acq: 27 Jun 2019 22:41

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-B

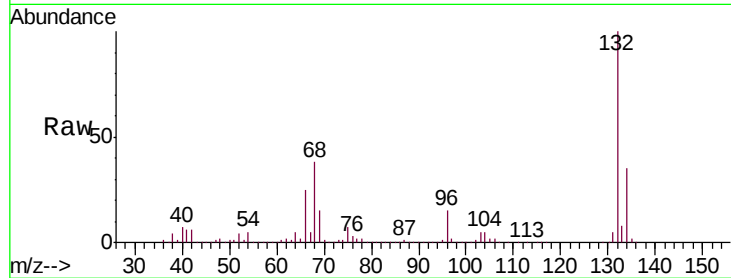
Tgt Ion: 93 Resp: 2206

Ion Ratio Lower Upper

93 100

63 705.3 51.5 91.5#

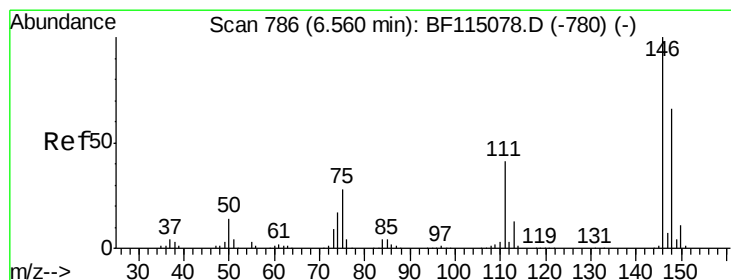
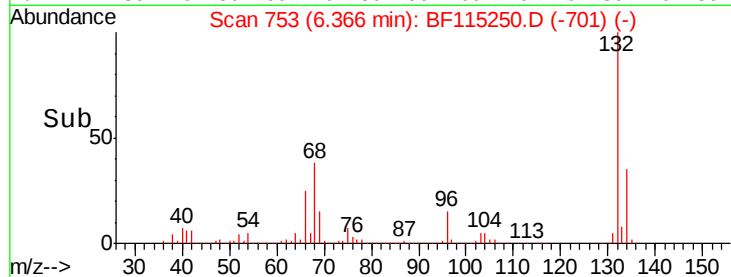
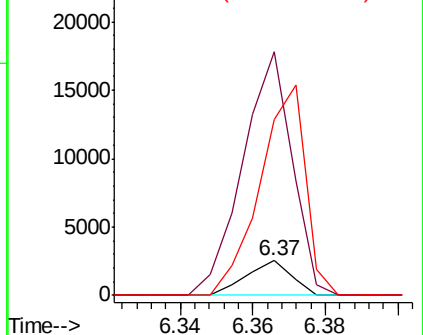
95 507.4 13.4 53.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 0.015 ng

RT: 6.54 min Scan# 782

Delta R.T. -0.02 min

Lab File: BF115250.D

Acq: 27 Jun 2019 22:41

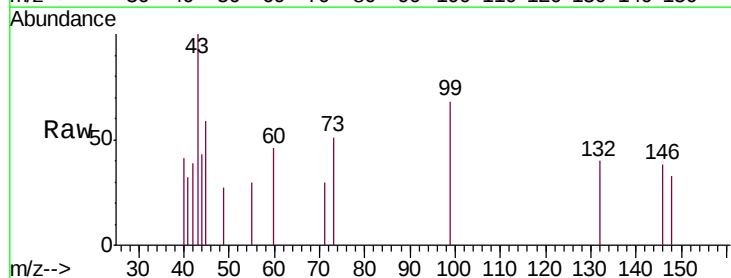
Tgt Ion: 146 Resp: 277

Ion Ratio Lower Upper

146 100

148 87.3 52.6 78.8#

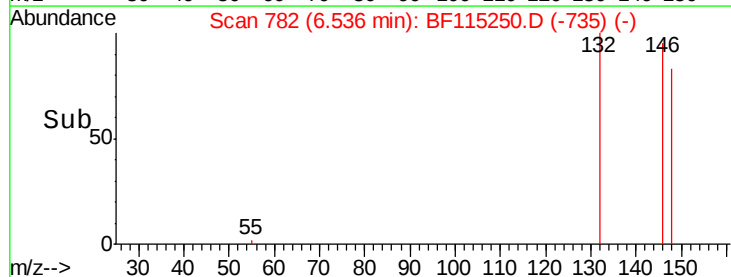
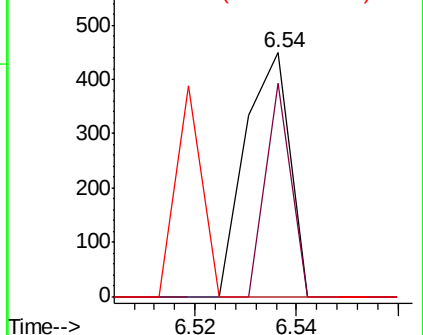
75 0.0 22.6 34.0#

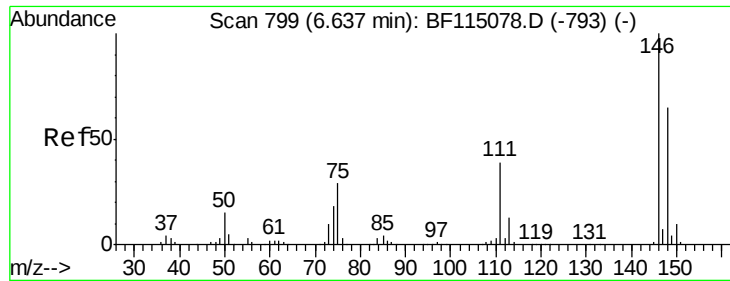


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

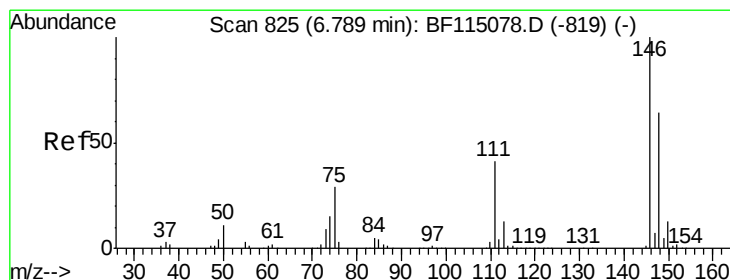
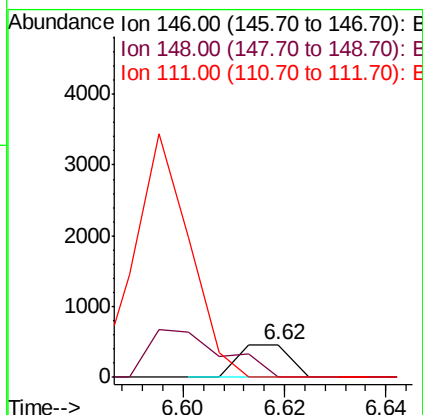
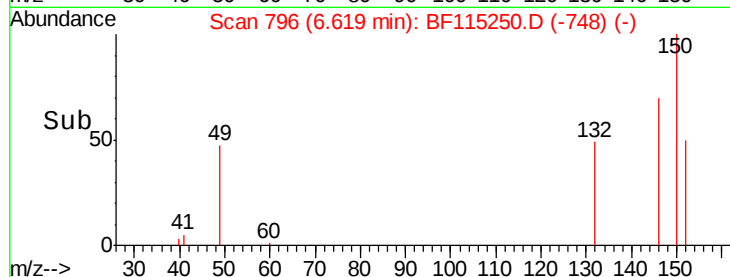
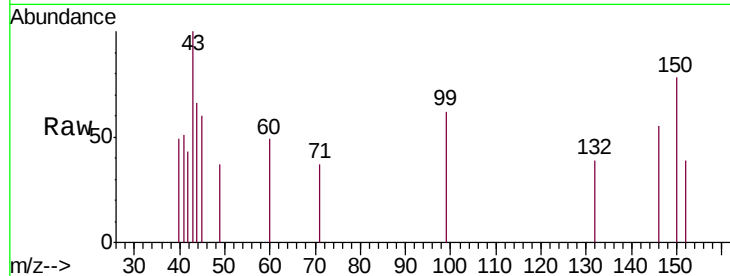




#13
 1,4-Dichlorobenzene
 Concen: 0.018 ng
 RT: 6.62 min Scan# 796
 Delta R.T. -0.02 min
 Lab File: BF115250.D
 Acq: 27 Jun 2019 22:41

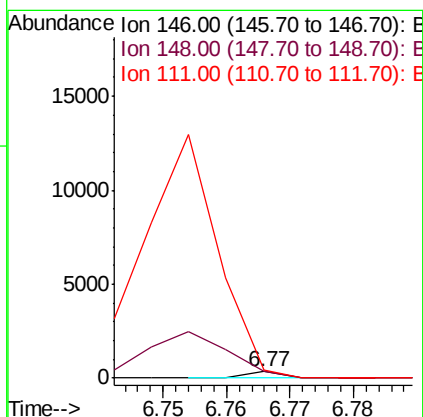
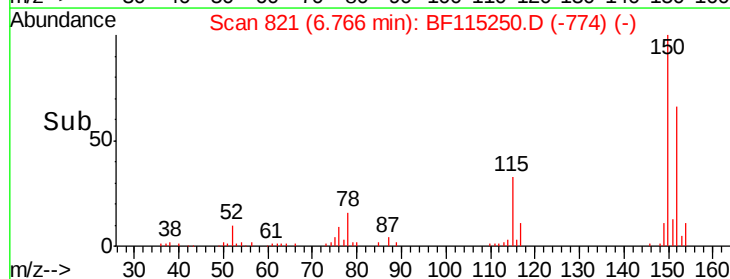
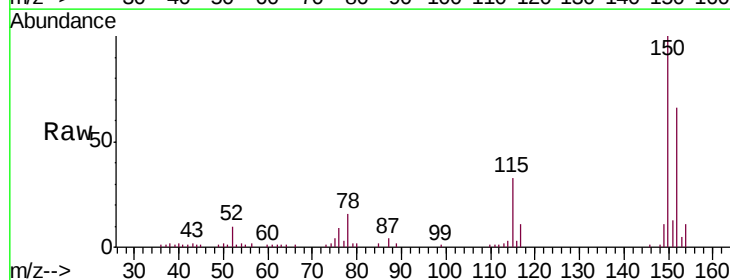
Instrument :
 BNA_F
 ClientSampleId :
 TRIANGLE-AREA-SOIL-B

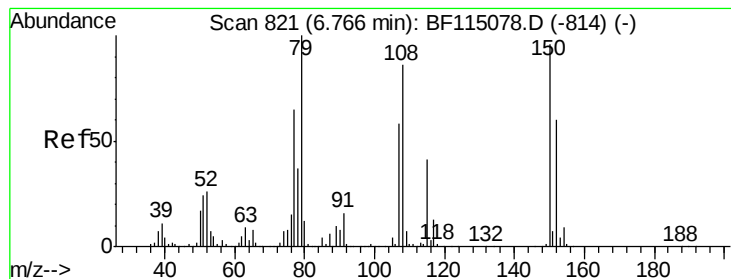
Tgt Ion:146 Resp: 325
 Ion Ratio Lower Upper
 146 100
 148 0.0 51.9 77.9#
 111 0.0 31.4 47.0#



#14
 1,2-Dichlorobenzene
 Concen: 0.007 ng
 RT: 6.77 min Scan# 821
 Delta R.T. -0.02 min
 Lab File: BF115250.D
 Acq: 27 Jun 2019 22:41

Tgt Ion:146 Resp: 117
 Ion Ratio Lower Upper
 146 100
 148 115.1 51.1 76.7#
 111 135.8 33.2 49.8#





#15

Benzyl Alcohol

Concen: 1.630 ng

RT: 6.75 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF115250.D

Acq: 27 Jun 2019 22:41

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-B

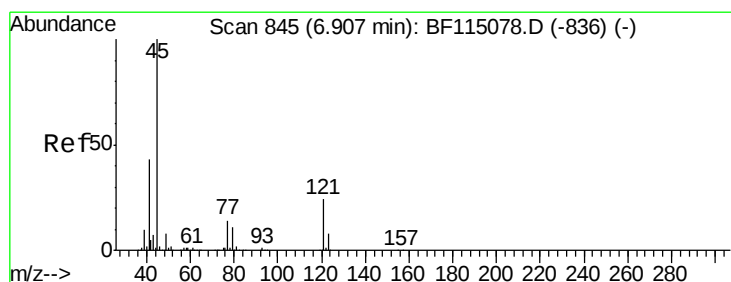
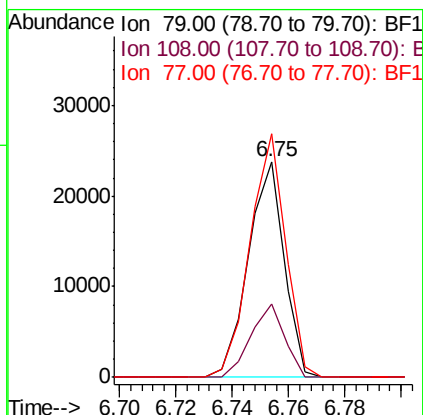
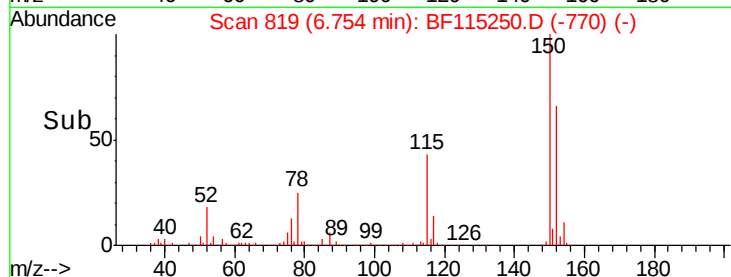
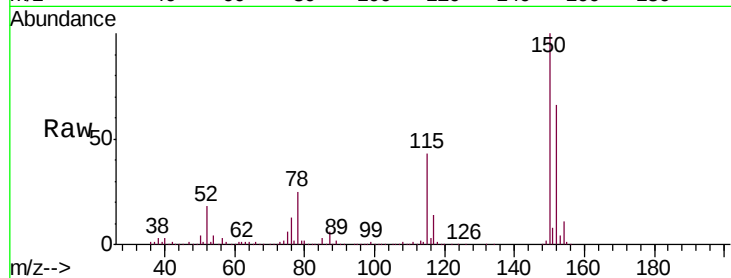
Tgt Ion: 79 Resp: 20953

Ion Ratio Lower Upper

79 100

108 34.1 68.7 103.1#

77 112.9 51.7 77.5#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.016 ng

RT: 6.87 min Scan# 839

Delta R.T. -0.04 min

Lab File: BF115250.D

Acq: 27 Jun 2019 22:41

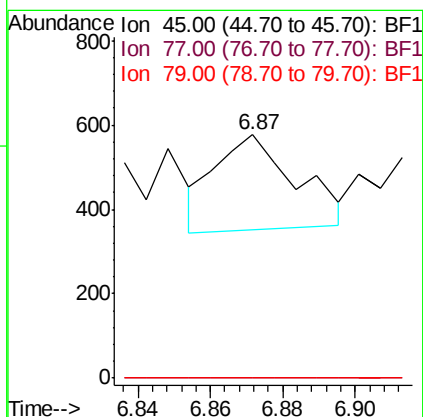
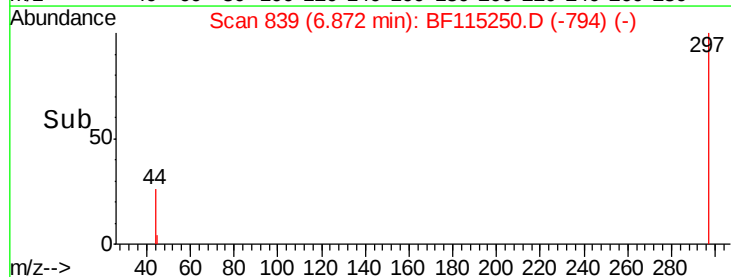
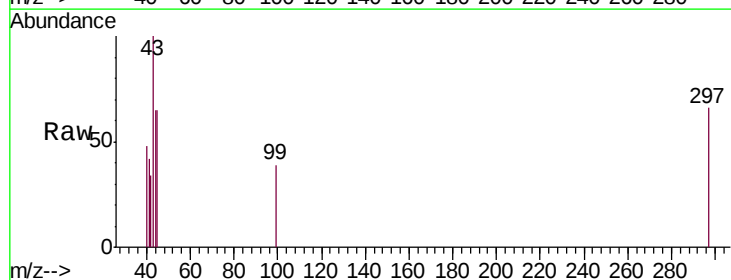
Tgt Ion: 45 Resp: 347

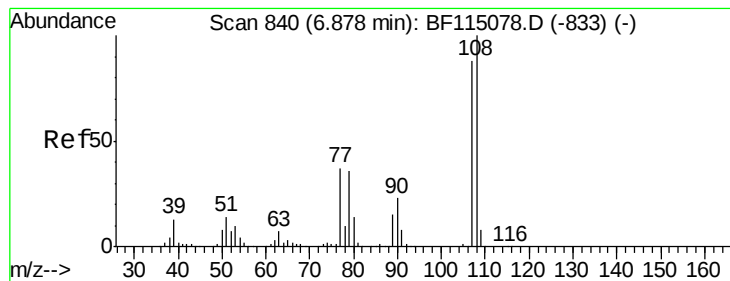
Ion Ratio Lower Upper

45 100

77 0.0 0.0 34.6

79 0.0 0.0 31.2





#17

2-Methylphenol

Concen: 0.009 ng

RT: 6.75 min Scan# 819

Delta R.T. -0.12 min

Lab File: BF115250.D

Acq: 27 Jun 2019 22:41

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-B

Tgt Ion: 107 Resp: 116

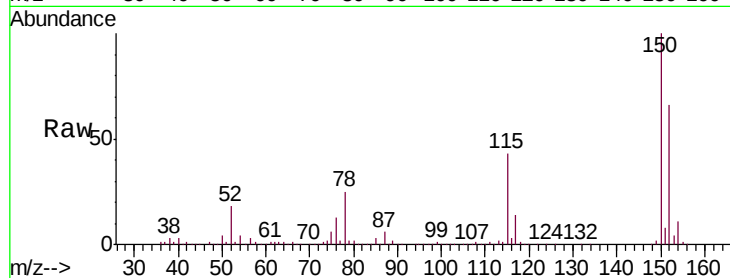
Ion Ratio Lower Upper

107 100

108 2456.4 90.9 136.3#

77 8138.2 33.4 50.2#

79 7209.7 32.3 48.5#



Abundance

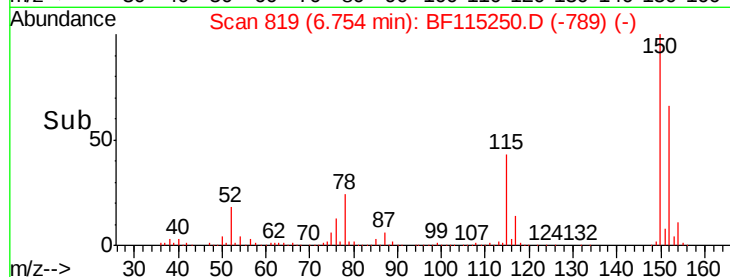
Ion 107.00 (106.70 to 107.70): E

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

Time-->



Abundance

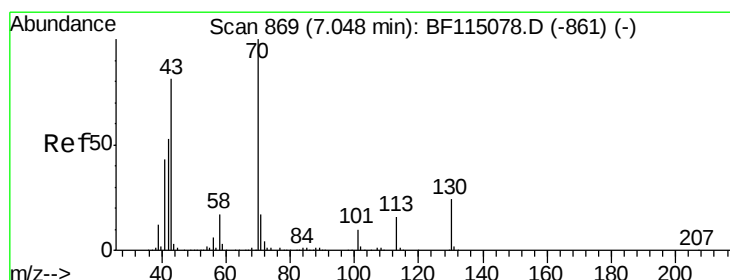
Ion 107.00 (106.70 to 107.70): E

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

Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 15.156 ng

RT: 7.16 min Scan# 888

Delta R.T. 0.11 min

Lab File: BF115250.D

Acq: 27 Jun 2019 22:41

Tgt Ion: 70 Resp: 171274

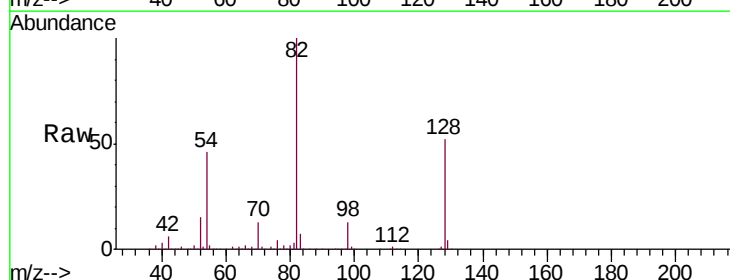
Ion Ratio Lower Upper

70 100

42 42.5 42.6 63.8#

101 0.0 8.0 12.0#

130 2.6 19.4 29.0#



Abundance

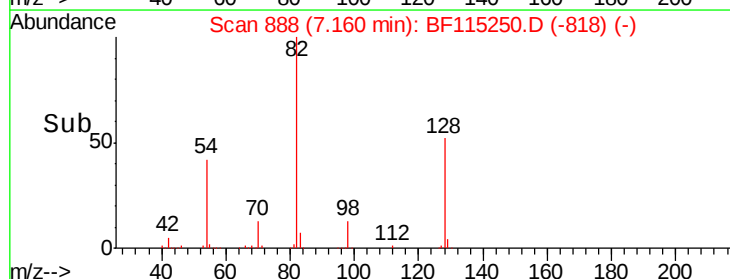
Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

Time-->



Abundance

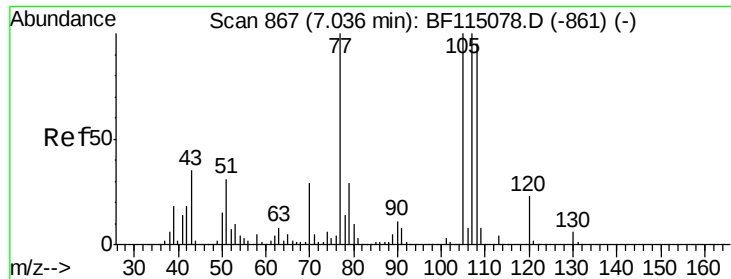
Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

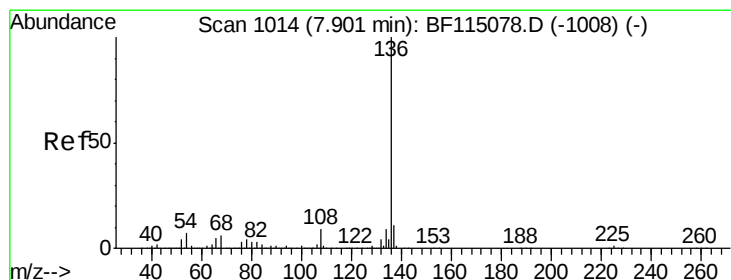
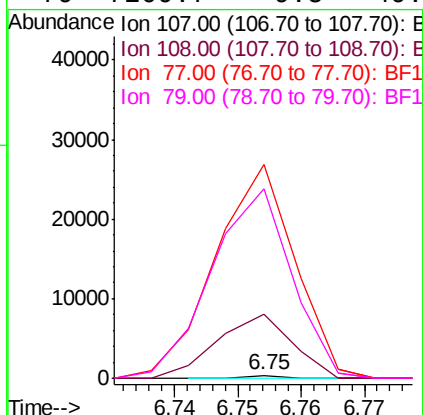
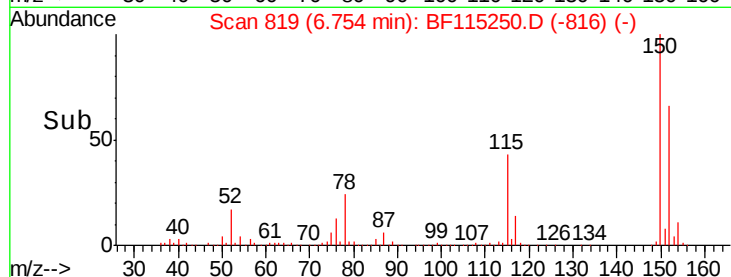
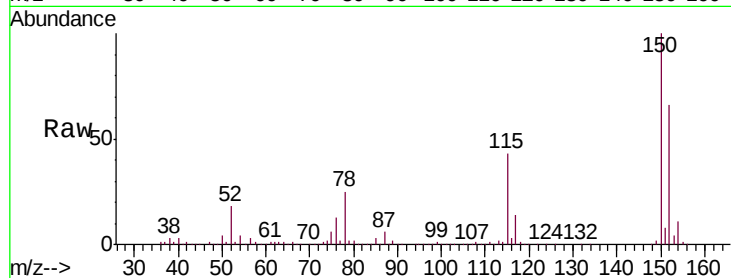
Time-->



#20
3+4-Methylphenols
Concen: 0.007 ng
RT: 6.75 min Scan# 819
Delta R.T. -0.28 min
Lab File: BF115250.D
Acq: 27 Jun 2019 22:41

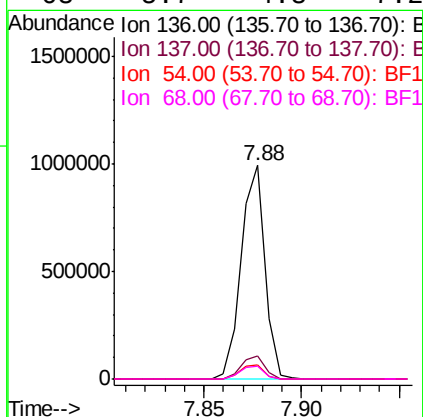
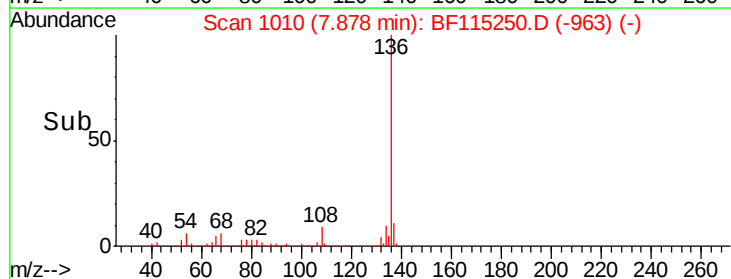
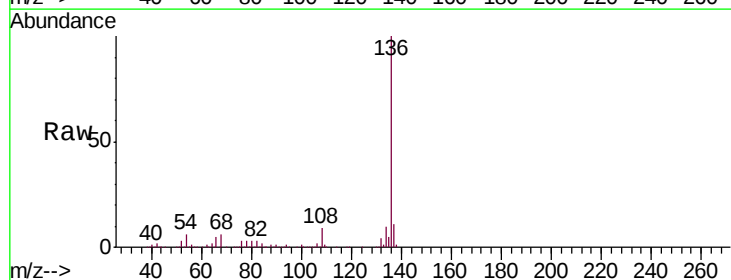
Instrument :
BNA_F
ClientSampleId :
TRIANGLE-AREA-SOIL-B

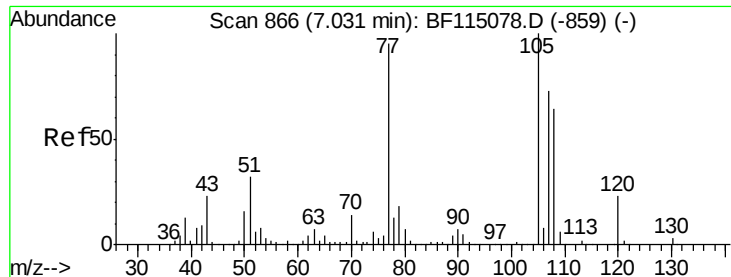
Tgt Ion:107 Resp: 116
Ion Ratio Lower Upper
107 100
108 2456.4 75.5 115.5#
77 8138.2 80.2 120.2#
79 7209.7 9.5 49.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BF115250.D
Acq: 27 Jun 2019 22:41

Tgt Ion:136 Resp: 840416
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 6.5 5.6 8.4
68 5.7 4.8 7.2

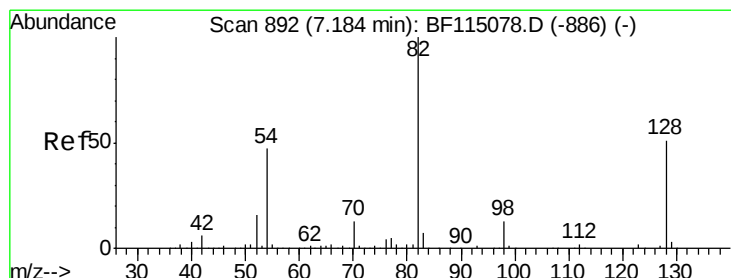
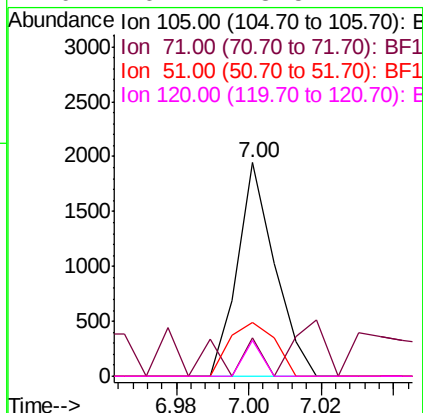
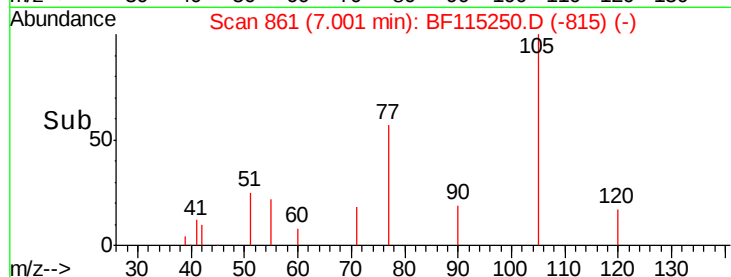
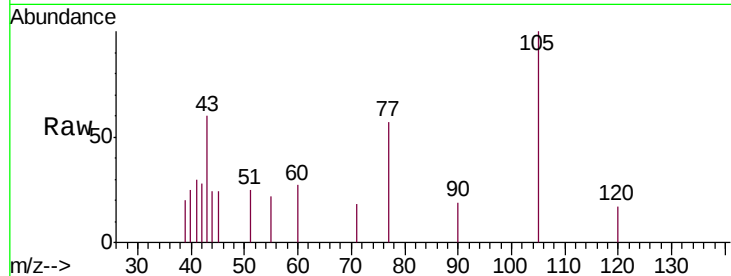




#22
Acetophenone
Concen: 0.073 ng
RT: 7.00 min Scan# 861
Delta R.T. -0.03 min
Lab File: BF115250.D
Acq: 27 Jun 2019 22:41

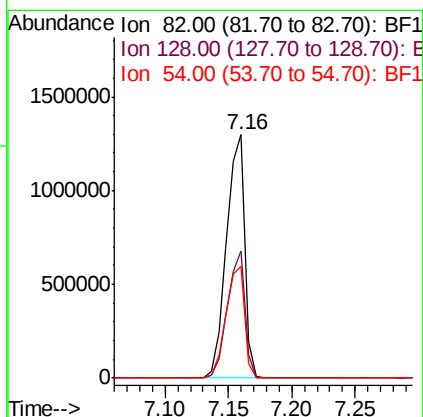
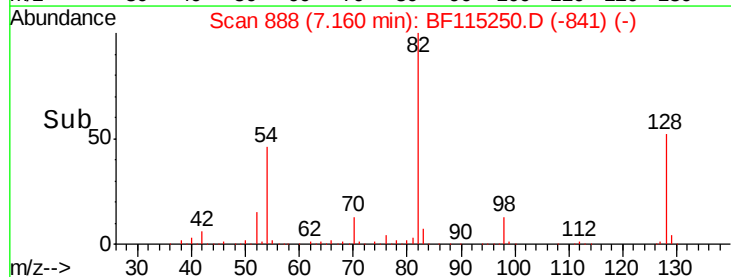
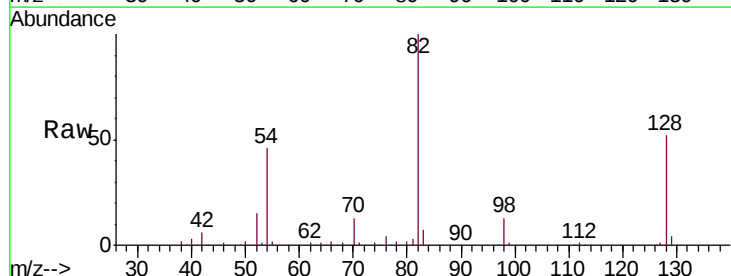
Instrument :
BNA_F
ClientSampleId :
TRIANGLE-AREA-SOIL-B

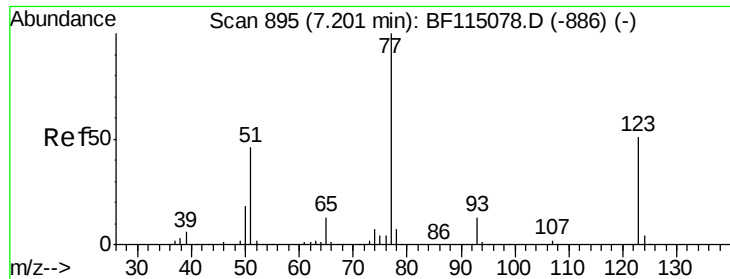
Tgt Ion: 105 Resp: 1402
Ion Ratio Lower Upper
105 100
71 17.8 1.9 2.9#
51 25.4 25.8 38.8#
120 16.7 18.5 27.7#



#23
Nitrobenzene-d5
Concen: 94.560 ng
RT: 7.16 min Scan# 888
Delta R.T. -0.02 min
Lab File: BF115250.D
Acq: 27 Jun 2019 22:41

Tgt Ion: 82 Resp: 1291872
Ion Ratio Lower Upper
82 100
128 52.2 40.4 60.6
54 46.0 37.5 56.3





#24

Nitrobenzene

Concen: 0.244 ng

RT: 7.16 min Scan# 888

Delta R.T. -0.04 min

Lab File: BF115250.D

Acq: 27 Jun 2019 22:41

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-B

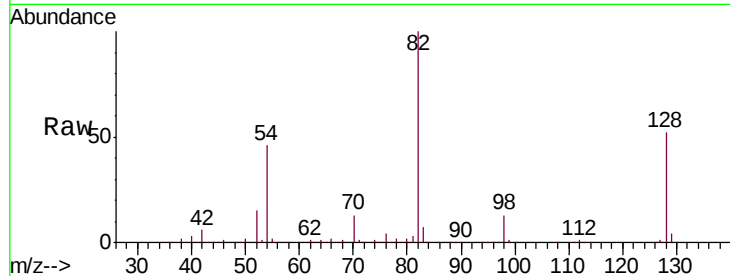
Tgt Ion: 77 Resp: 3672

Ion Ratio Lower Upper

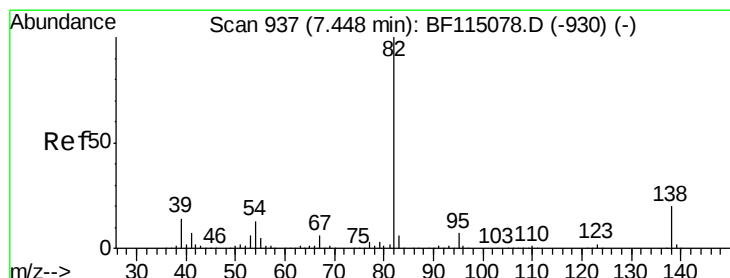
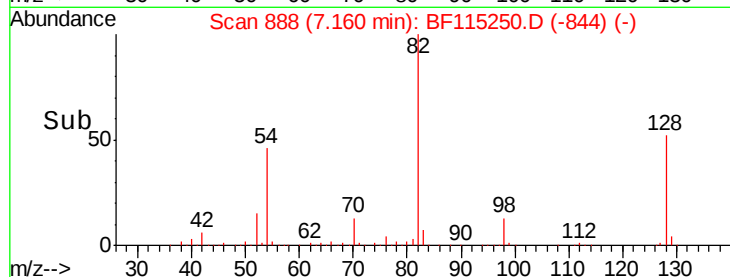
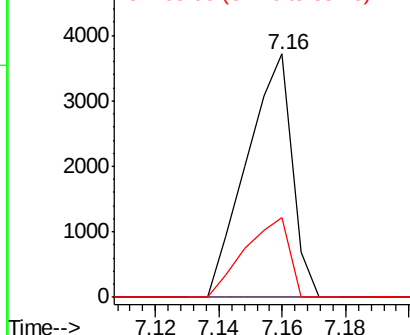
77 100

123 0.0 41.0 61.6#

65 32.6 10.5 15.7#



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



#25

Isophorone

Concen: 45.476 ng

RT: 7.16 min Scan# 888

Delta R.T. -0.29 min

Lab File: BF115250.D

Acq: 27 Jun 2019 22:41

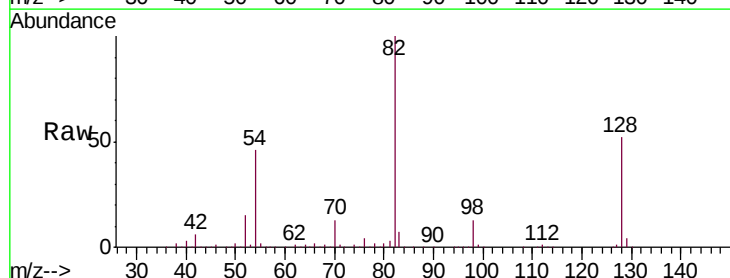
Tgt Ion: 82 Resp: 1272743

Ion Ratio Lower Upper

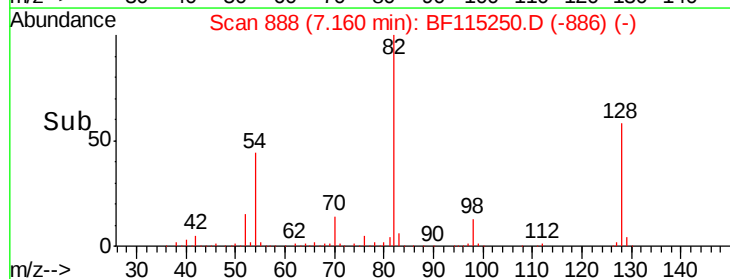
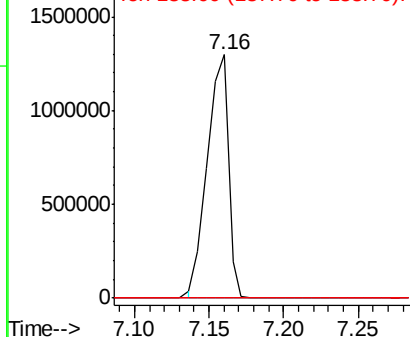
82 100

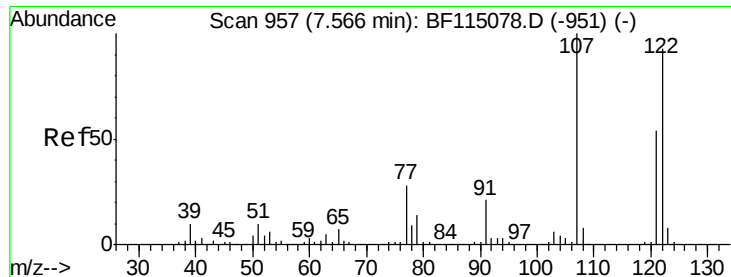
95 0.0 5.4 8.2#

138 0.0 15.9 23.9#



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

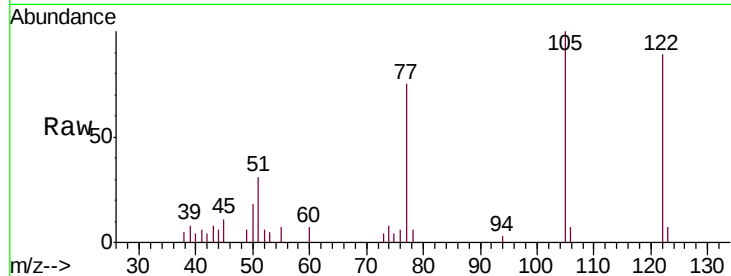




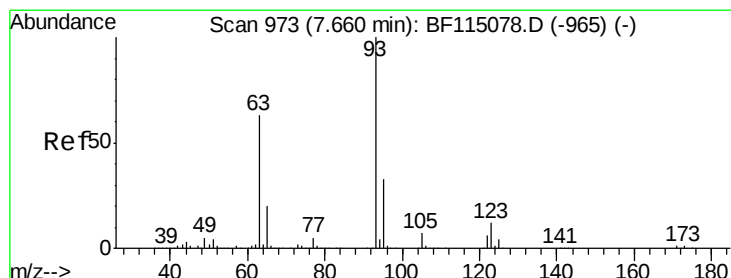
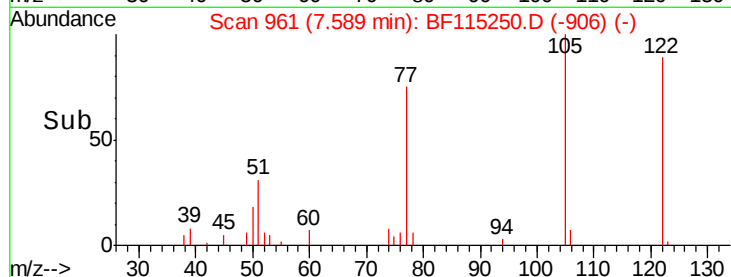
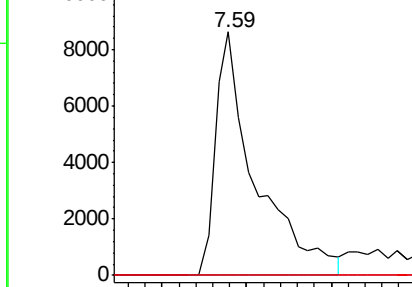
#27
2,4-Dimethylphenol
Concen: 1.170 ng
RT: 7.59 min Scan# 961
Delta R.T. 0.02 min
Lab File: BF115250.D
Acq: 27 Jun 2019 22:41

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

Tgt Ion: 122 Resp: 14233
Ion Ratio Lower Upper
122 100
107 0.0 85.8 128.6#
121 0.0 46.3 69.5#

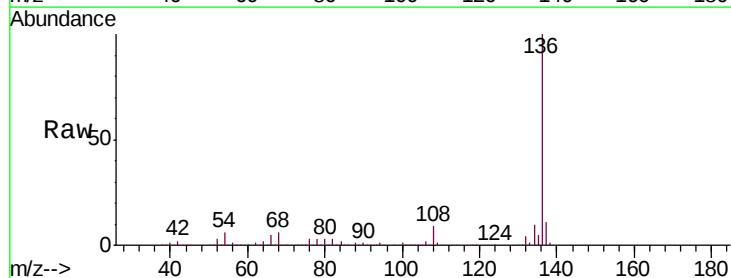


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

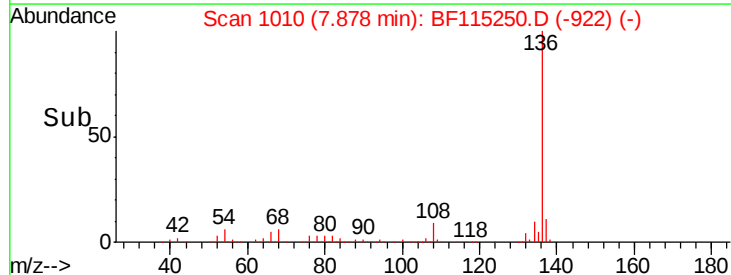
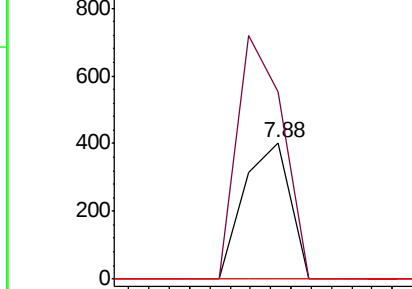


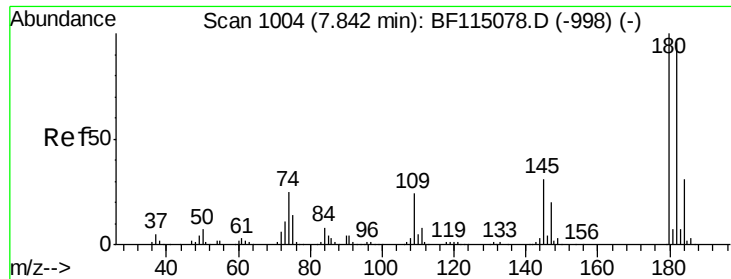
#28
bis(2-Chloroethoxy)methane
Concen: 0.014 ng
RT: 7.88 min Scan# 1010
Delta R.T. 0.22 min
Lab File: BF115250.D
Acq: 27 Jun 2019 22:41

Tgt Ion: 93 Resp: 252
Ion Ratio Lower Upper
93 100
95 138.1 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): E

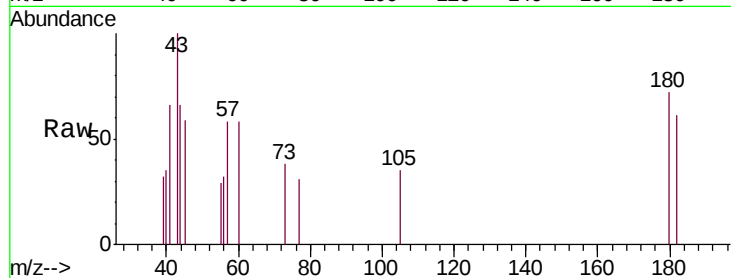




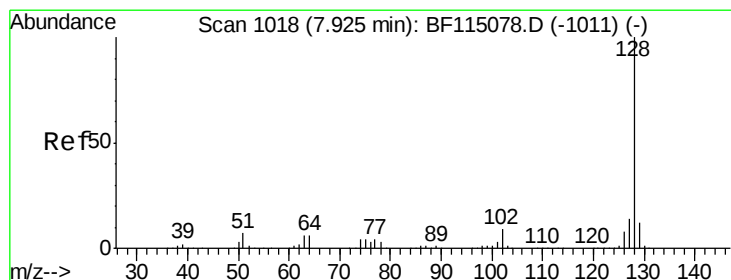
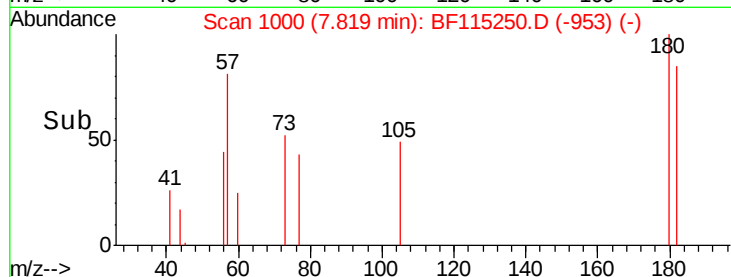
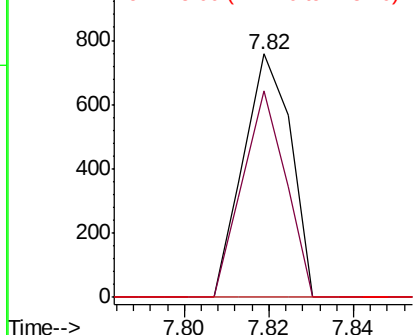
#30
1,2,4-Trichlorobenzene
Concen: 0.043 ng
RT: 7.82 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF115250.D
Acq: 27 Jun 2019 22:41

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

Tgt Ion:180 Resp: 593
Ion Ratio Lower Upper
180 100
182 84.8 76.4 114.6
145 0.0 24.8 37.2#

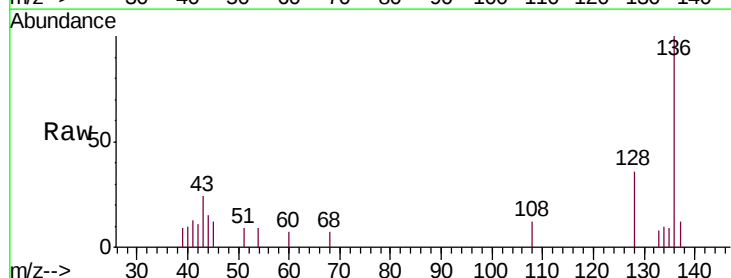


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

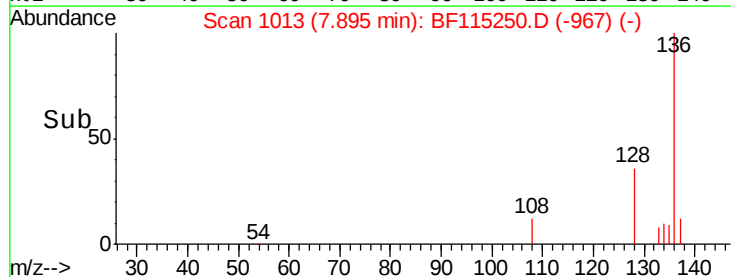
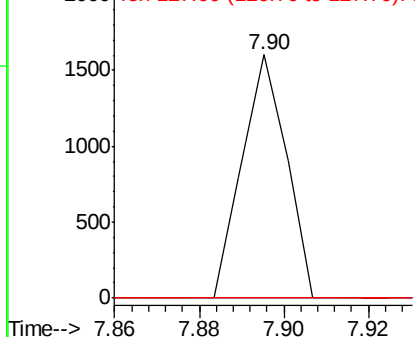


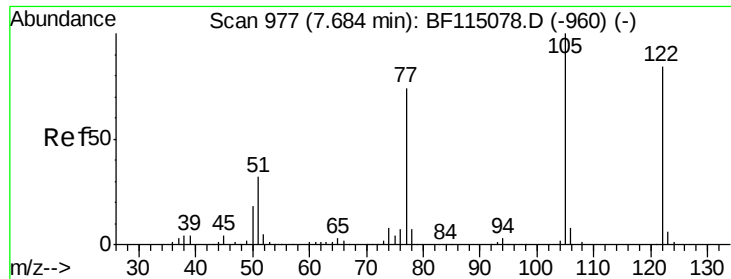
#31
Naphthalene
Concen: 0.028 ng
RT: 7.90 min Scan# 1013
Delta R.T. -0.03 min
Lab File: BF115250.D
Acq: 27 Jun 2019 22:41

Tgt Ion:128 Resp: 1165
Ion Ratio Lower Upper
128 100
129 0.0 9.6 14.4#
127 0.0 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: 1.638 ng

RT: 7.59 min Scan# 961

Delta R.T. -0.09 min

Lab File: BF115250.D

Acq: 27 Jun 2019 22:41

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-B

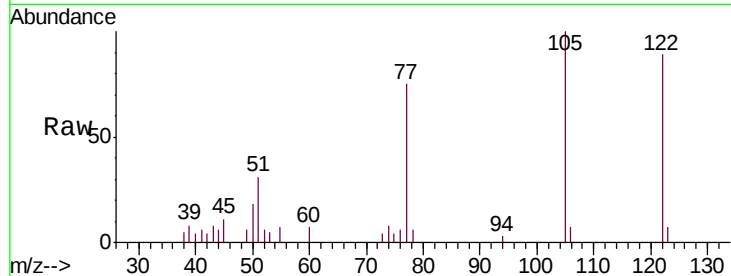
Tgt Ion:122 Resp: 14233

Ion Ratio Lower Upper

122 100

105 112.3 98.2 138.2

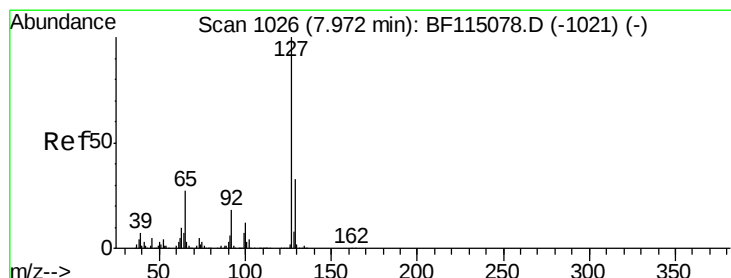
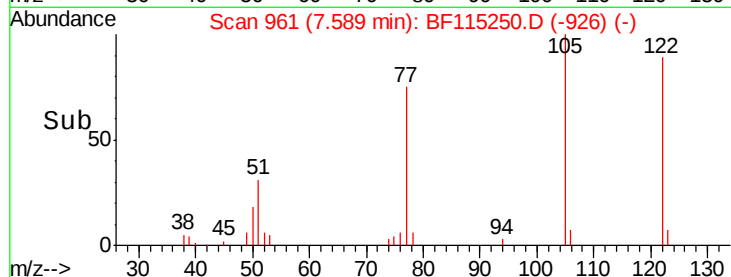
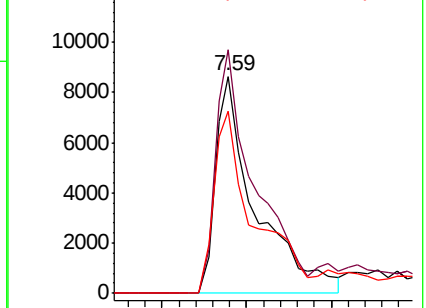
77 84.0 67.0 107.0



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: 0.007 ng

RT: 7.95 min Scan# 1022

Delta R.T. -0.02 min

Lab File: BF115250.D

Acq: 27 Jun 2019 22:41

Tgt Ion:127 Resp: 124

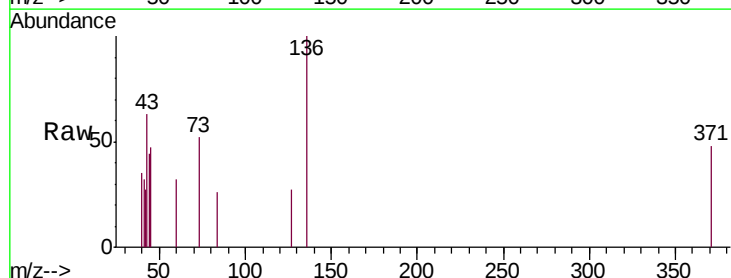
Ion Ratio Lower Upper

127 100

129 0.0 26.1 39.1#

65 0.0 21.4 32.2#

92 0.0 14.1 21.1#

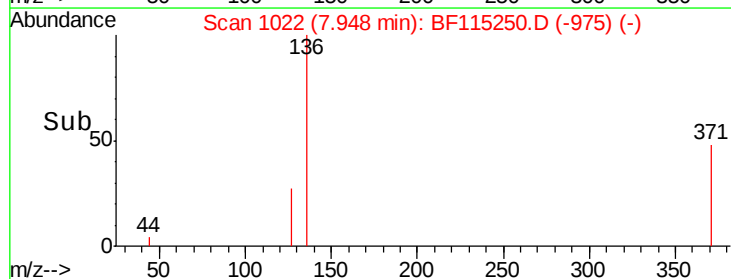
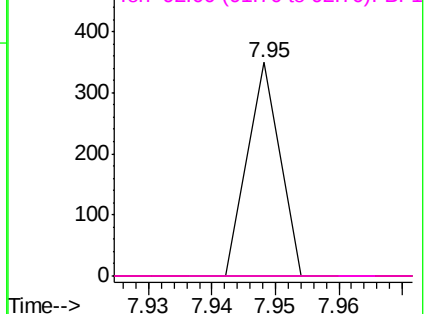


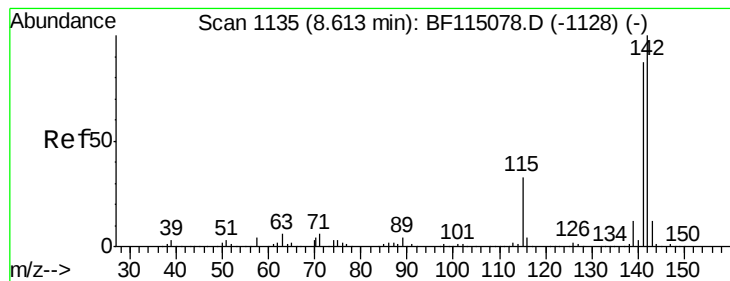
Abundance Ion 127.00 (126.70 to 127.70): E

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





#37

2-Methylnaphthalene

Concen: 0.030 ng

RT: 8.58 min Scan# 1130

Delta R.T. -0.03 min

Lab File: BF115250.D

Acq: 27 Jun 2019 22:41

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-B

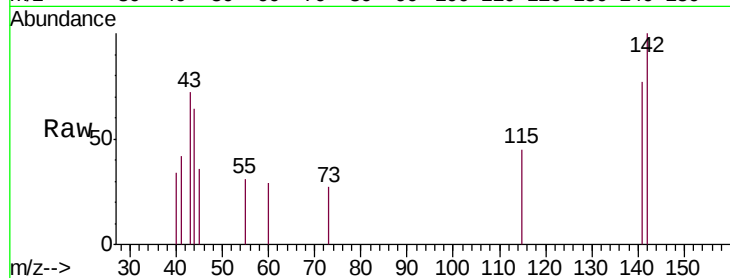
Tgt Ion:142 Resp: 825

Ion Ratio Lower Upper

142 100

141 77.4 69.8 104.6

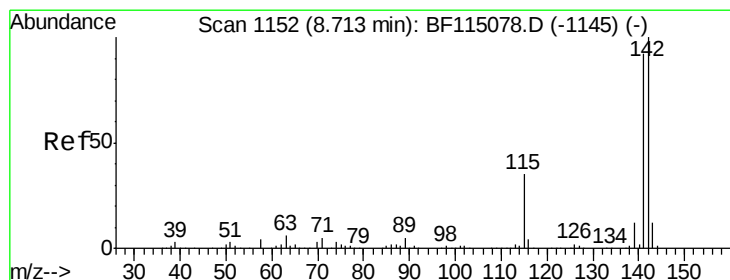
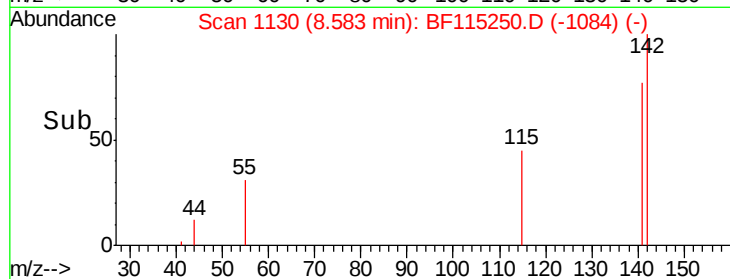
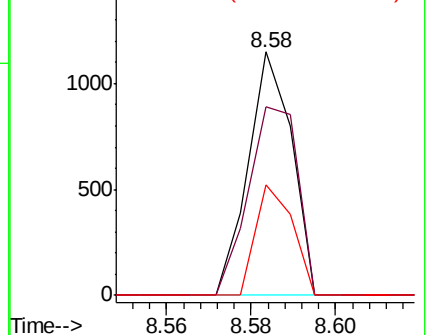
115 45.4 26.7 40.1#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 0.023 ng

RT: 8.68 min Scan# 1147

Delta R.T. -0.03 min

Lab File: BF115250.D

Acq: 27 Jun 2019 22:41

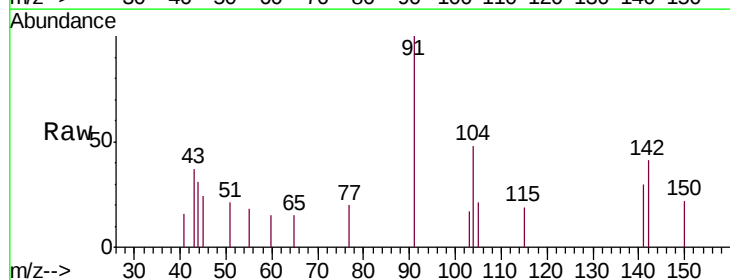
Tgt Ion:142 Resp: 622

Ion Ratio Lower Upper

142 100

141 73.0 73.8 110.8#

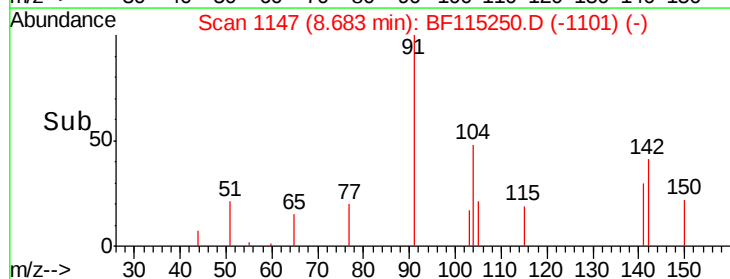
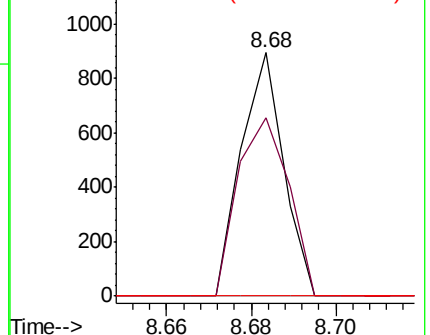
116 0.0 2.8 4.2#

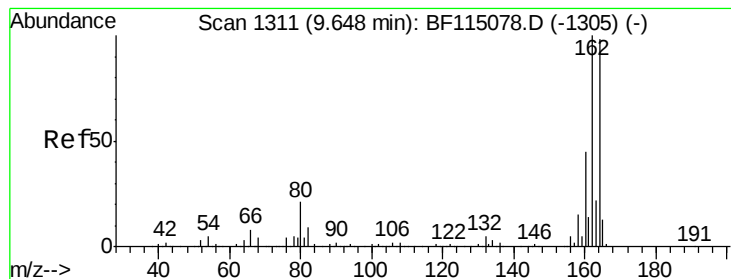


Abundance Ion 142.00 (141.70 to 142.70): E

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# 1306

Delta R.T. -0.03 min

Lab File: BF115250.D

Acq: 27 Jun 2019 22:41

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-B

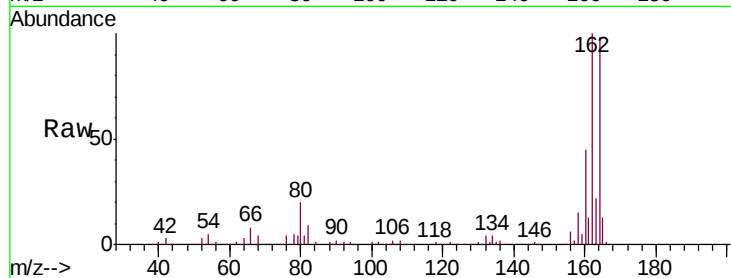
Tgt Ion:164 Resp: 404583

Ion Ratio Lower Upper

164 100

162 102.1 81.7 122.5

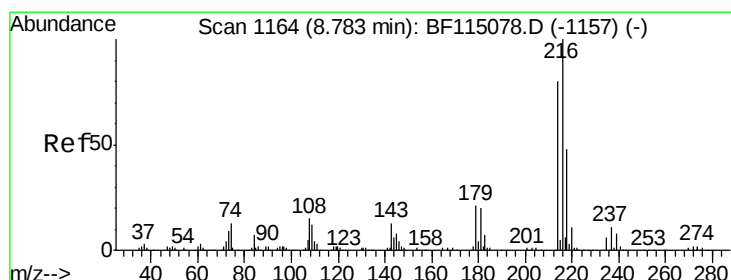
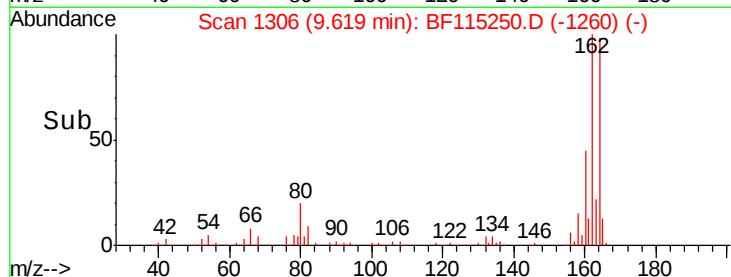
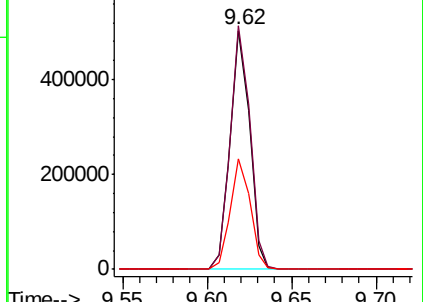
160 46.3 37.0 55.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 0.051 ng

RT: 8.75 min Scan# 1159

Delta R.T. -0.03 min

Lab File: BF115250.D

Acq: 27 Jun 2019 22:41

Tgt Ion:216 Resp: 586

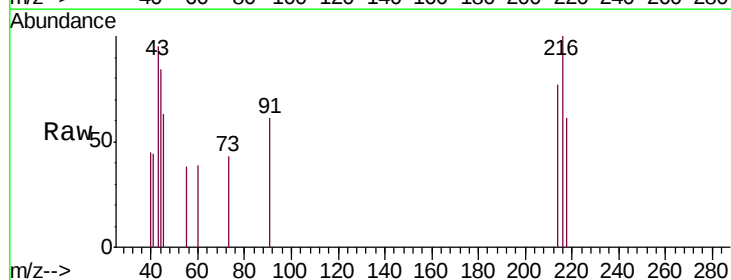
Ion Ratio Lower Upper

216 100

214 56.5 63.8 95.6#

179 0.0 17.6 26.4#

108 0.0 15.7 23.5#

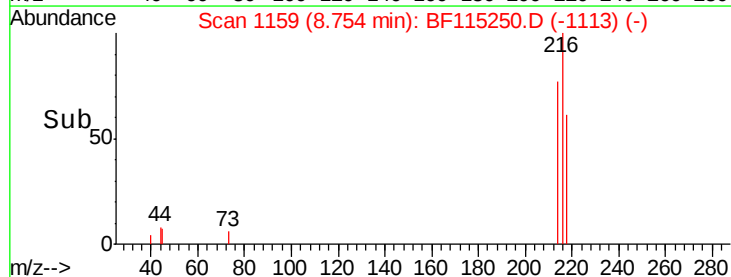
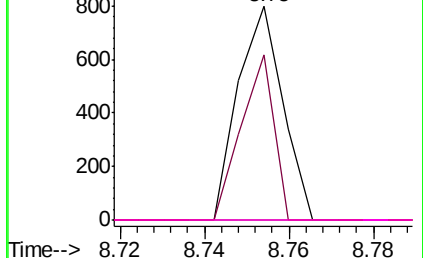


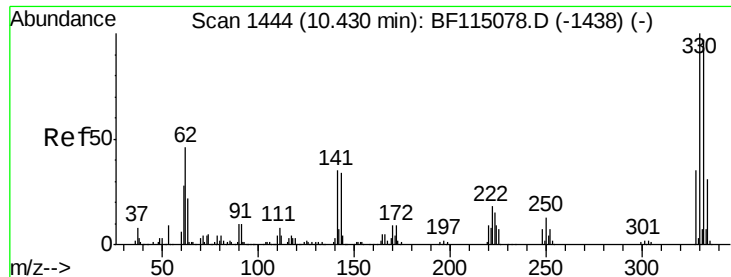
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#42

2,4,6-Tribromophenol

Concen: 134.358 ng

RT: 10.40 min Scan# 1439

Delta R.T. -0.03 min

Lab File: BF115250.D

Acq: 27 Jun 2019 22:41

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-B

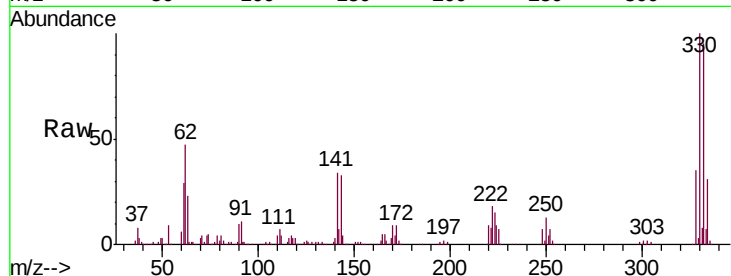
Tgt Ion:330 Resp: 573235

Ion Ratio Lower Upper

330 100

332 94.8 77.3 115.9

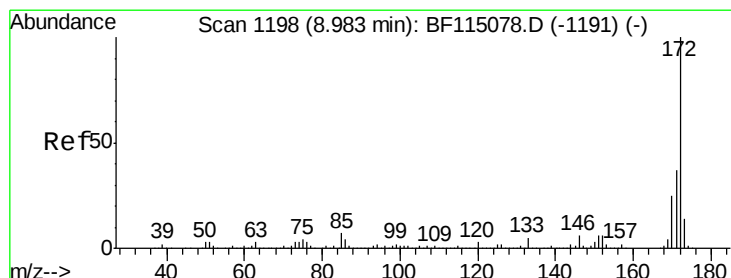
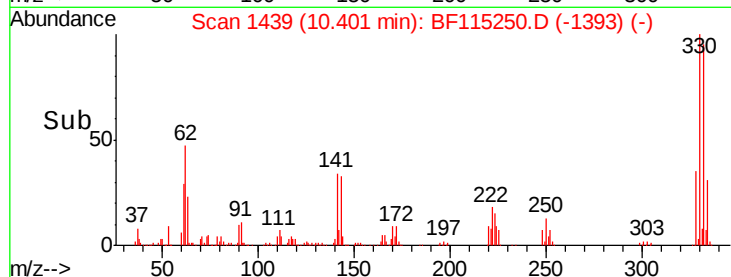
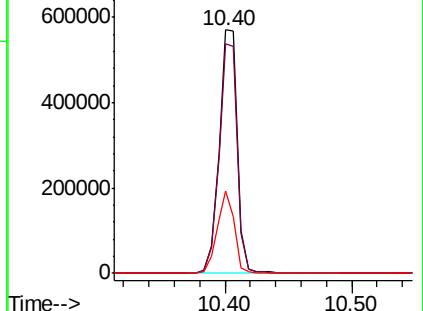
141 31.9 28.2 42.2



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: 98.014 ng

RT: 8.95 min Scan# 1193

Delta R.T. -0.03 min

Lab File: BF115250.D

Acq: 27 Jun 2019 22:41

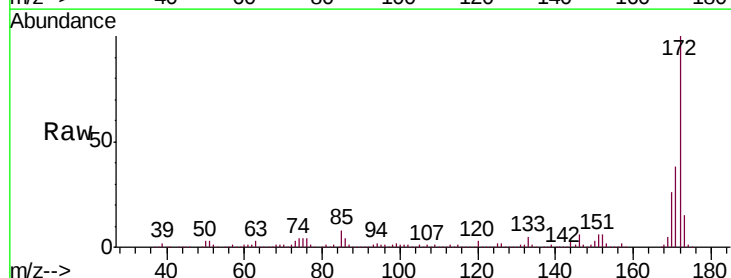
Tgt Ion:172 Resp: 2334518

Ion Ratio Lower Upper

172 100

171 37.9 29.8 44.6

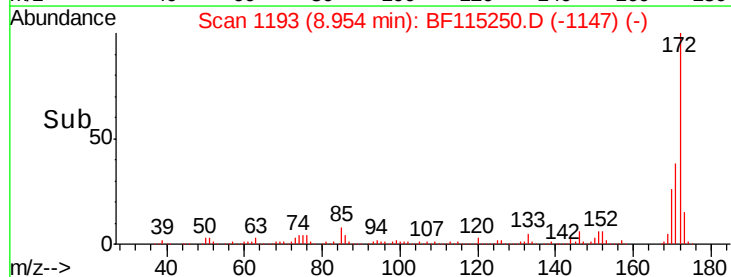
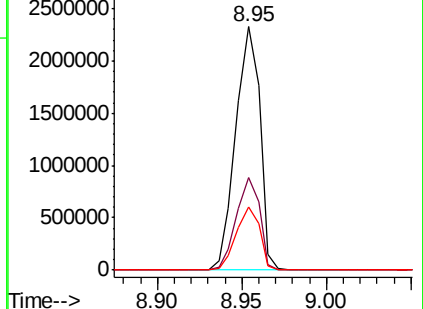
170 25.8 20.3 30.5

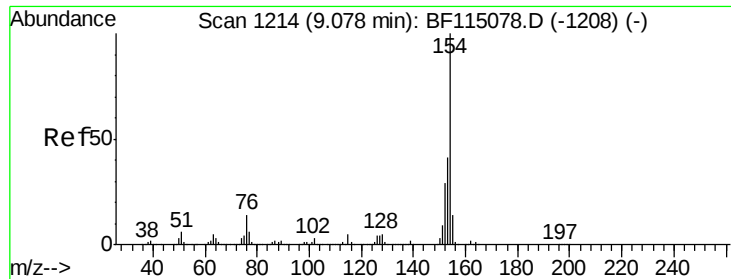


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

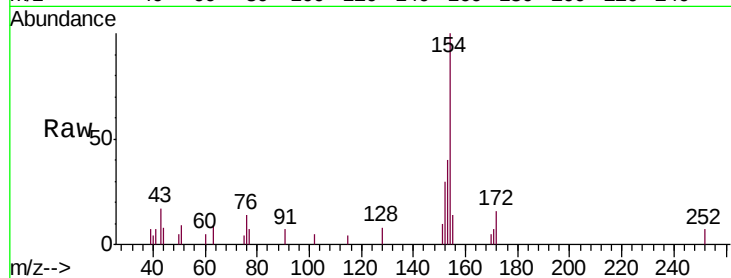




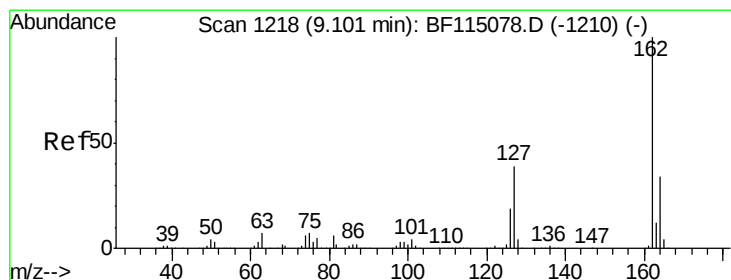
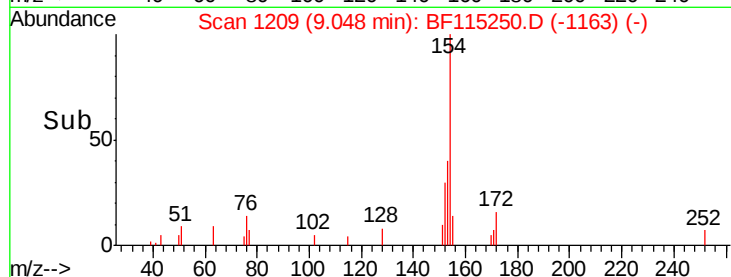
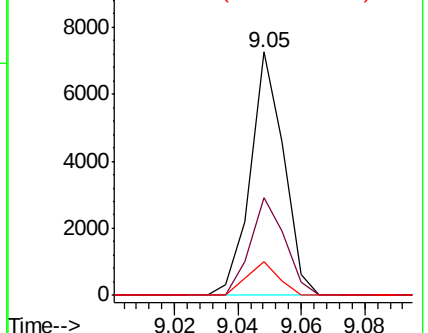
#46
1,1'-Biphenyl
Concen: 0.164 ng
RT: 9.05 min Scan# 1209
Delta R.T. -0.03 min
Lab File: BF115250.D
Acq: 27 Jun 2019 22:41

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

Tgt Ion:	154	Resp:	5295
Ion	Ratio	Lower	Upper
154	100		
153	39.9	20.9	60.9
76	13.8	0.0	34.1

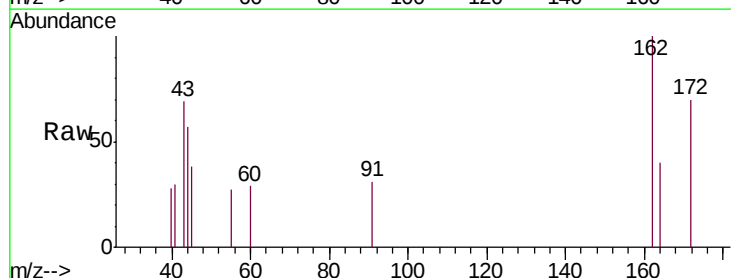


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

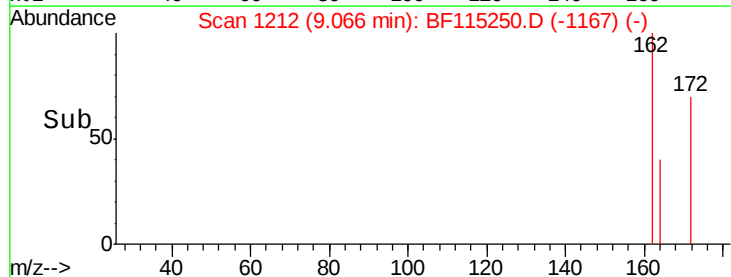
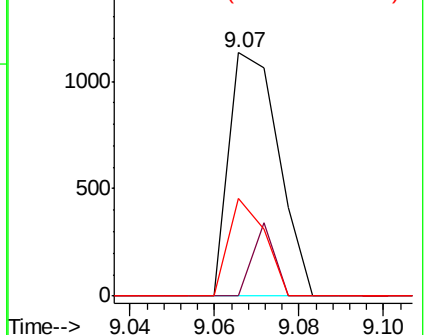


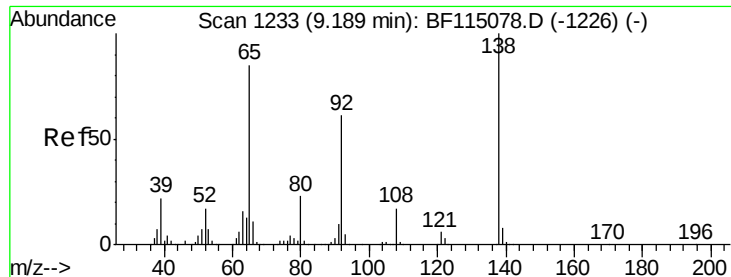
#47
2-Chloronaphthalene
Concen: 0.035 ng
RT: 9.07 min Scan# 1212
Delta R.T. -0.04 min
Lab File: BF115250.D
Acq: 27 Jun 2019 22:41

Tgt Ion:	162	Resp:	921
Ion	Ratio	Lower	Upper
162	100		
127	0.0	30.8	46.2#
164	40.2	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

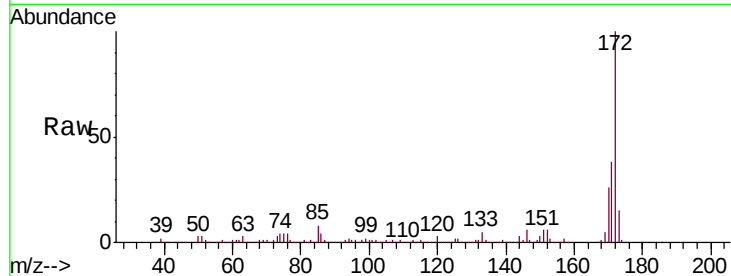




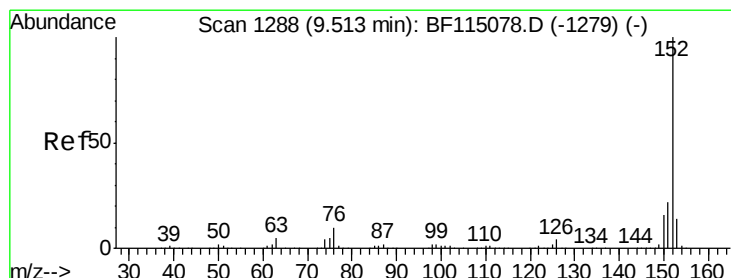
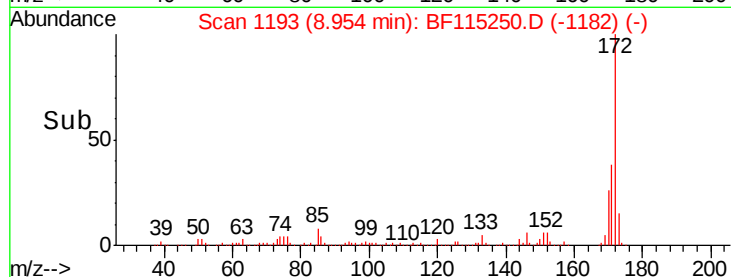
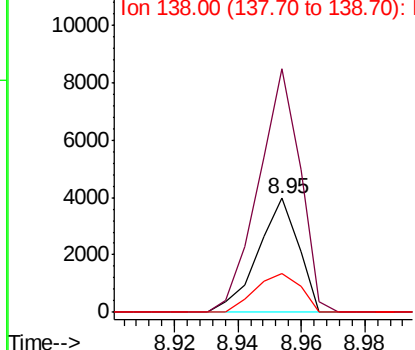
#48
2-Nitroaniline
Concen: 0.465 ng
RT: 8.95 min Scan# 1193
Delta R.T. -0.24 min
Lab File: BF115250.D
Acq: 27 Jun 2019 22:41

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

Tgt Ion: 65 Resp: 3557
Ion Ratio Lower Upper
65 100
92 213.1 57.4 86.2#
138 33.5 94.1 141.1#

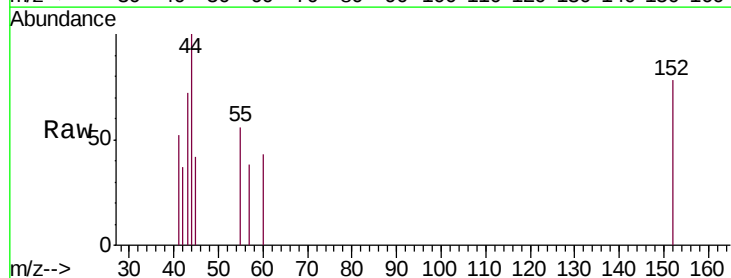


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

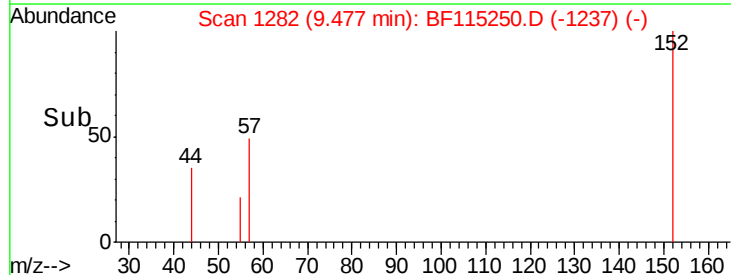
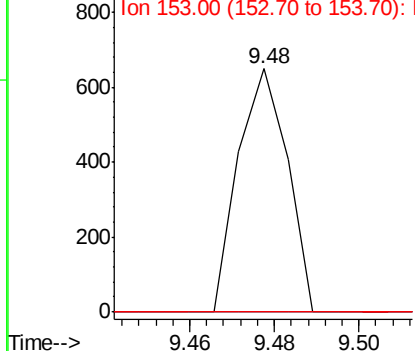


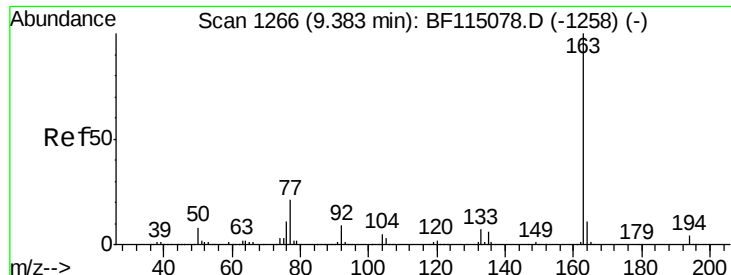
#49
Acenaphthylene
Concen: 0.013 ng
RT: 9.48 min Scan# 1282
Delta R.T. -0.04 min
Lab File: BF115250.D
Acq: 27 Jun 2019 22:41

Tgt Ion: 152 Resp: 524
Ion Ratio Lower Upper
152 100
151 0.0 17.2 25.8#
153 0.0 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

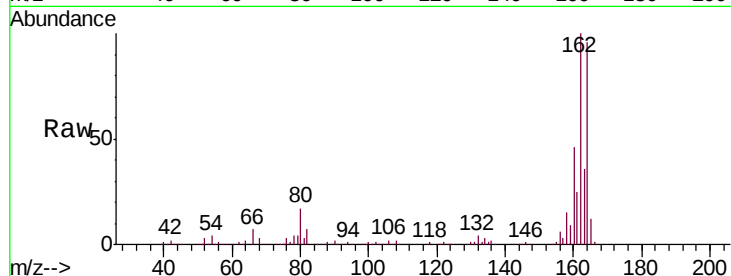




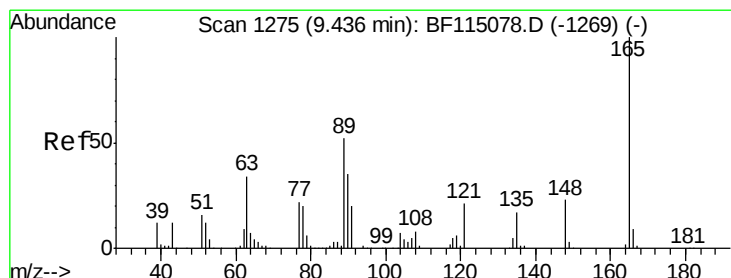
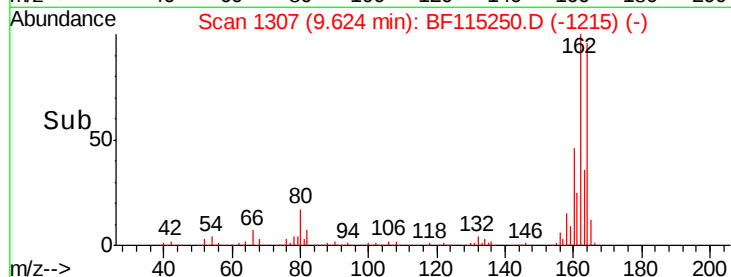
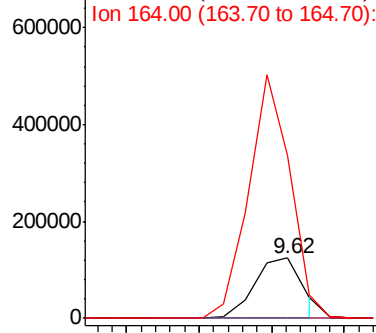
#50
Dimethylphthalate
Concen: 3.823 ng
RT: 9.62 min Scan# 1307
Delta R.T. 0.24 min
Lab File: BF115250.D
Acq: 27 Jun 2019 22:41

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

Tgt Ion:163 Resp: 113795
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 271.0 8.6 13.0#

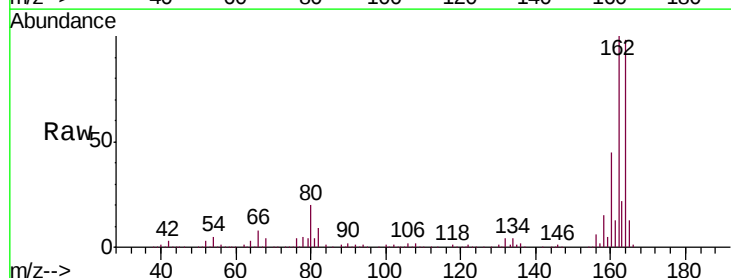


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

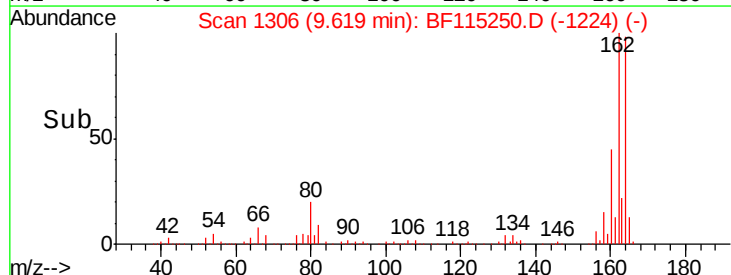
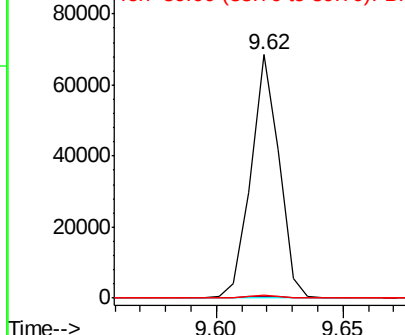


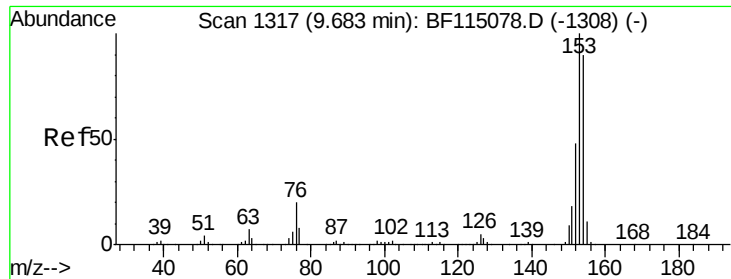
#51
2,6-Dinitrotoluene
Concen: 7.755 ng
RT: 9.62 min Scan# 1306
Delta R.T. 0.18 min
Lab File: BF115250.D
Acq: 27 Jun 2019 22:41

Tgt Ion:165 Resp: 53291
Ion Ratio Lower Upper
165 100
63 0.8 39.4 59.2#
89 1.0 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: 0.019 ng

RT: 9.65 min Scan# 1312

Delta R.T. -0.03 min

Lab File: BF115250.D

Acq: 27 Jun 2019 22:41

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-B

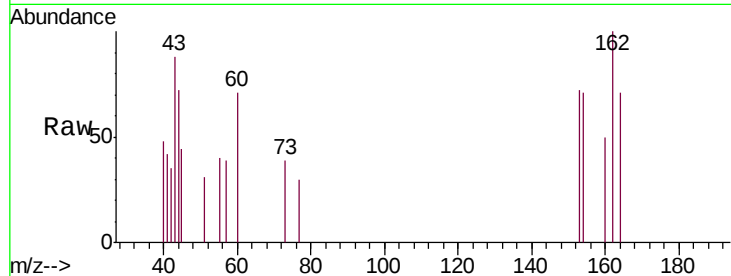
Tgt Ion:154 Resp: 489

Ion Ratio Lower Upper

154 100

153 101.0 88.7 133.1

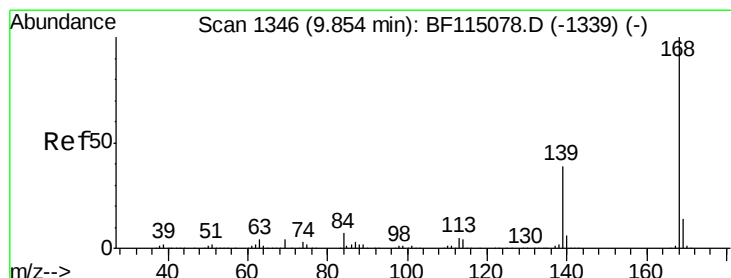
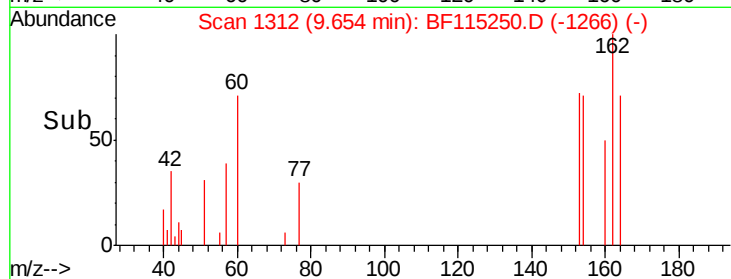
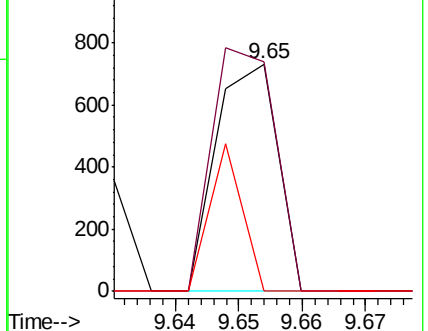
152 0.0 42.6 64.0#



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: 0.031 ng

RT: 9.82 min Scan# 1341

Delta R.T. -0.03 min

Lab File: BF115250.D

Acq: 27 Jun 2019 22:41

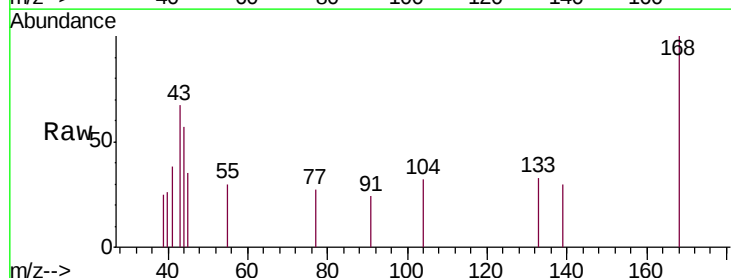
Tgt Ion:168 Resp: 1128

Ion Ratio Lower Upper

168 100

139 29.6 31.1 46.7#

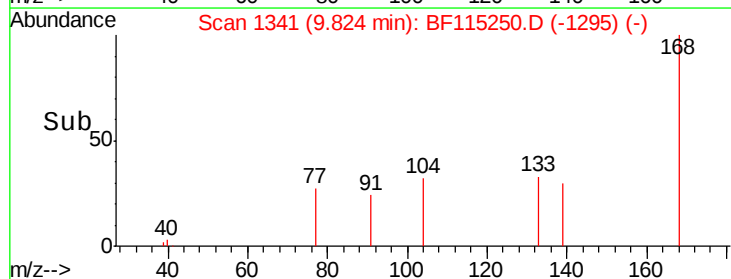
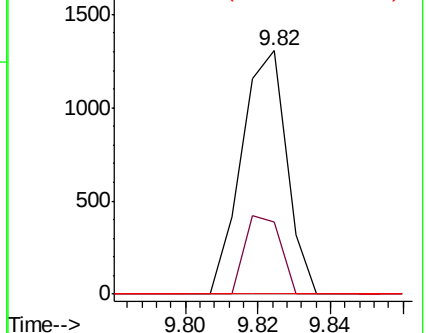
169 0.0 11.3 16.9#

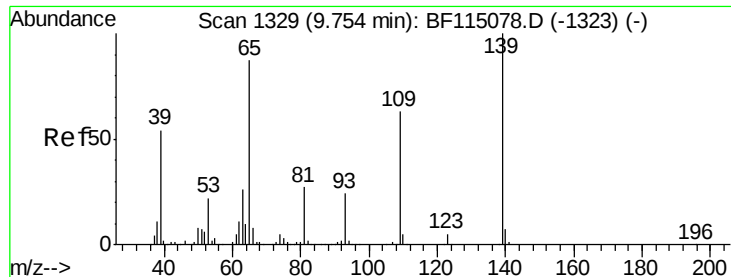


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#56

4-Nitrophenol

Concen: 0.042 ng

RT: 9.82 min Scan# 1340

Delta R.T. 0.06 min

Lab File: BF115250.D

Acq: 27 Jun 2019 22:41

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-B

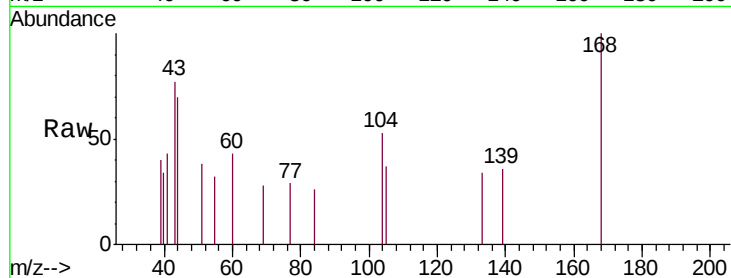
Tgt Ion:139 Resp: 285

Ion Ratio Lower Upper

139 100

109 0.0 43.0 83.0#

65 0.0 67.0 107.0#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

9.82

400

300

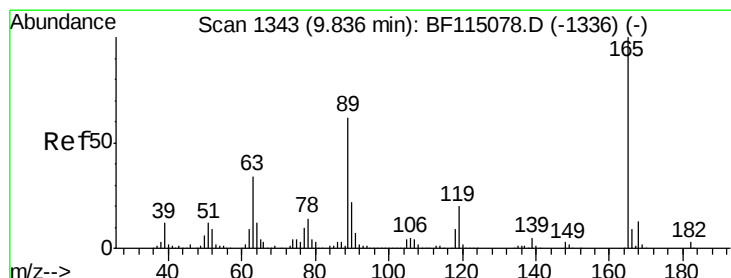
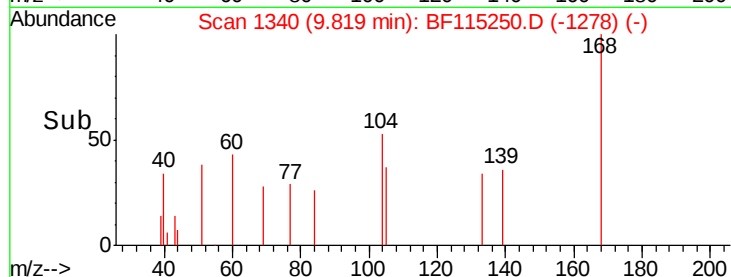
200

100

0

9.80 9.82 9.84

Time-->



#57

2,4-Dinitrotoluene

Concen: 6.006 ng

RT: 9.62 min Scan# 1306

Delta R.T. -0.22 min

Lab File: BF115250.D

Acq: 27 Jun 2019 22:41

Tgt Ion:165 Resp: 53291

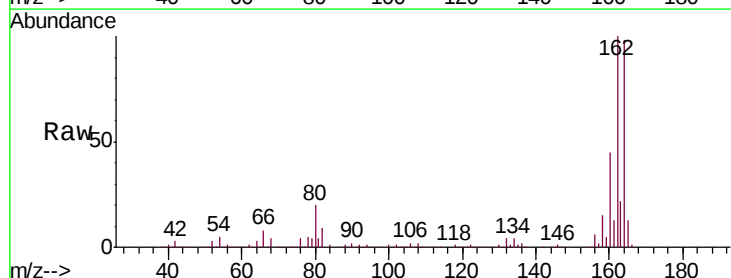
Ion Ratio Lower Upper

165 100

63 0.8 27.5 41.3#

89 1.0 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

9.62

100000

80000

60000

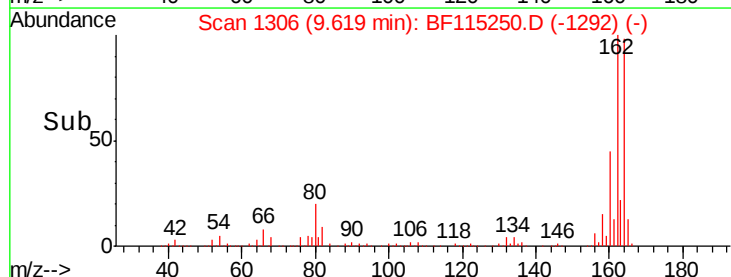
40000

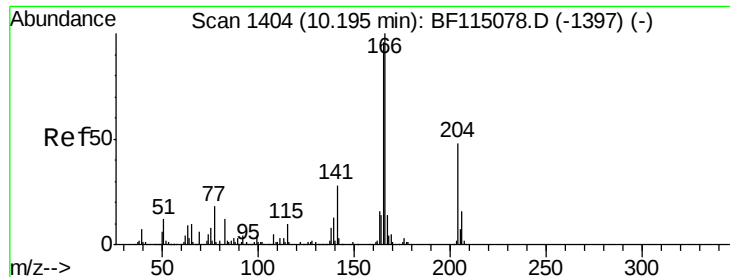
20000

0

9.60 9.65

Time-->





#58

Fluorene

Concen: Below Cal

RT: 10.40 min Scan# 1439

Delta R.T. 0.21 min

Lab File: BF115250.D

Acq: 27 Jun 2019 22:41

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-B

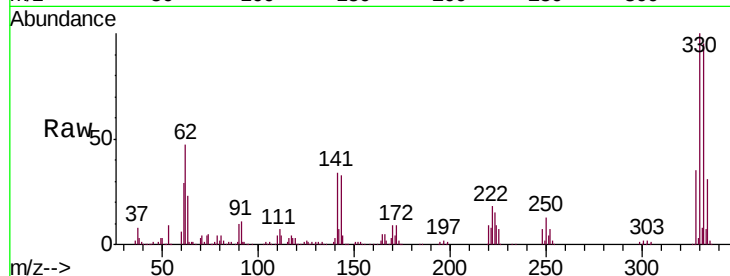
Tgt Ion:166 Resp: 26303

Ion Ratio Lower Upper

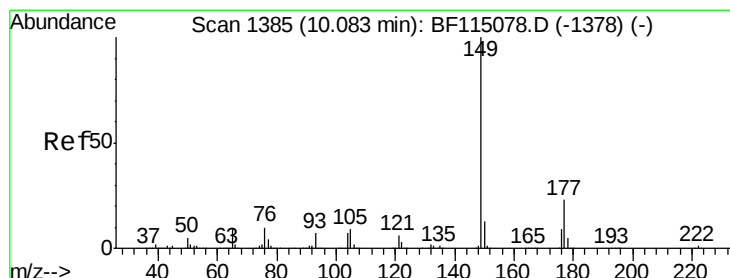
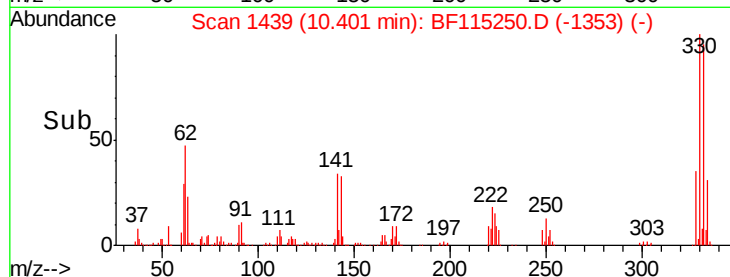
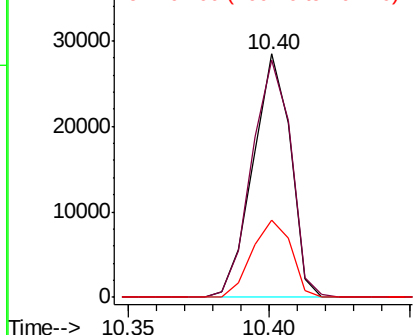
166 100

165 97.2 76.5 114.7

167 31.8 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: 0.021 ng

RT: 10.05 min Scan# 1379

Delta R.T. -0.04 min

Lab File: BF115250.D

Acq: 27 Jun 2019 22:41

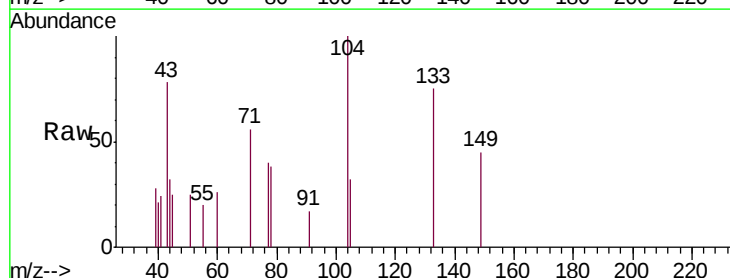
Tgt Ion:149 Resp: 621

Ion Ratio Lower Upper

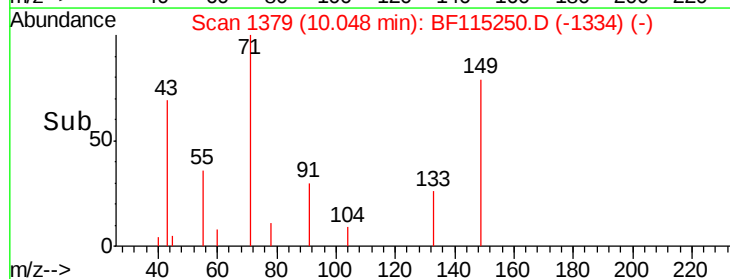
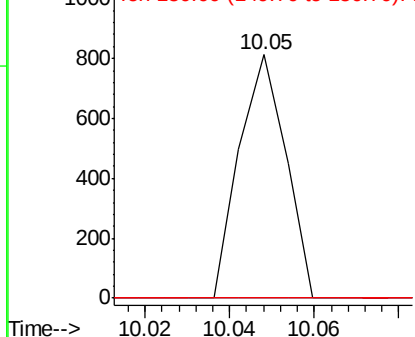
149 100

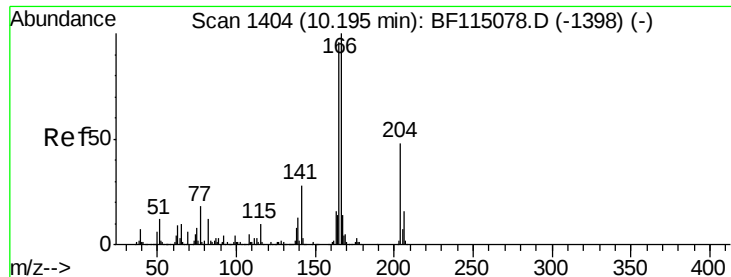
177 0.0 18.7 28.1#

150 0.0 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

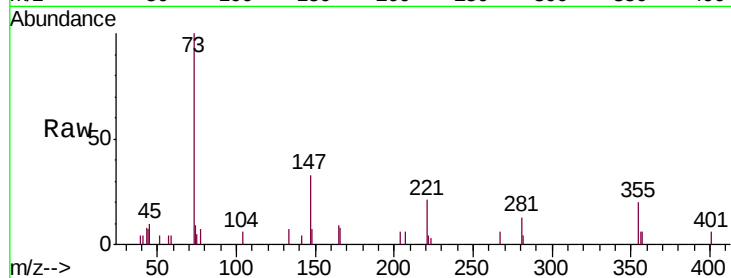




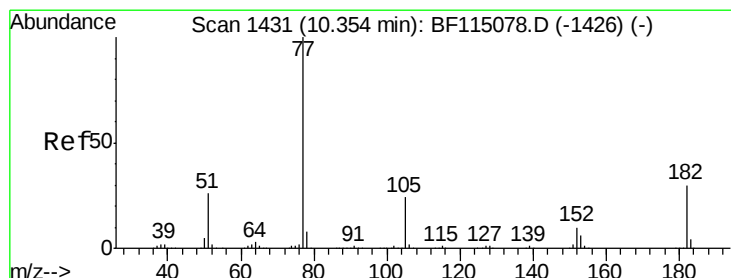
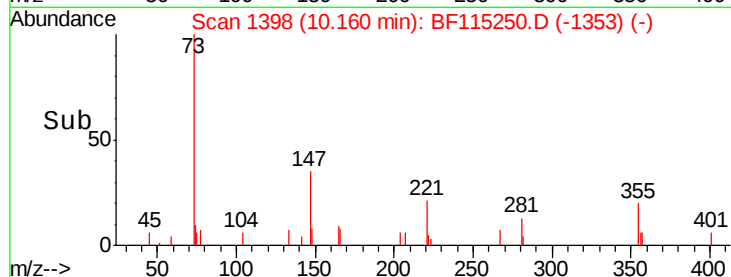
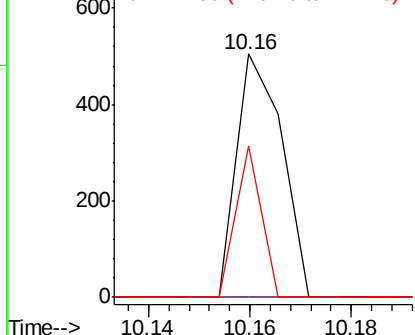
#61
 4-Chlorophenyl-phenylether
 Concen: Below Cal
 RT: 10.16 min Scan# 1398
 Delta R.T. -0.04 min
 Lab File: BF115250.D
 Acq: 27 Jun 2019 22:41

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

Tgt Ion: 204 Resp: 312
 Ion Ratio Lower Upper
 204 100
 206 0.0 26.6 40.0#
 141 62.4 46.7 70.1

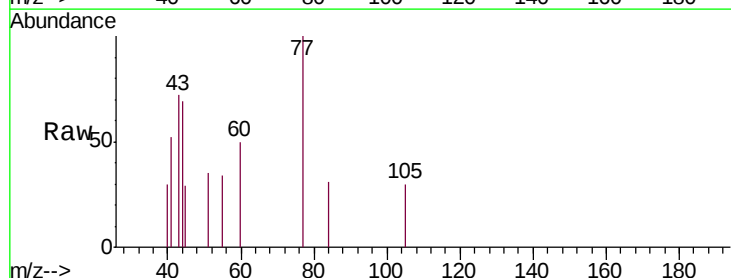


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

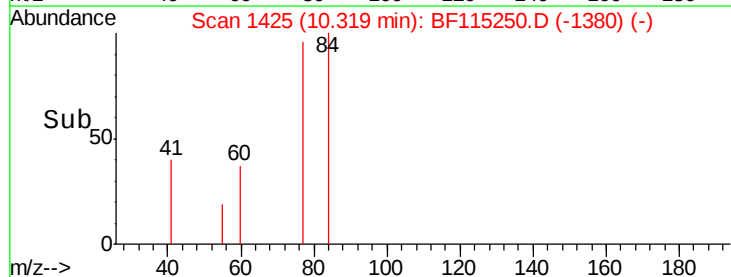
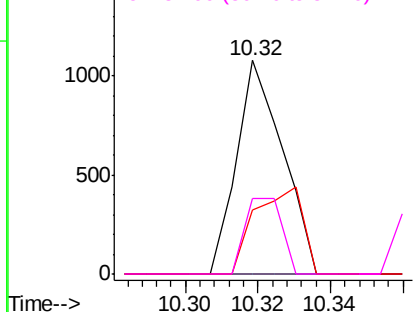


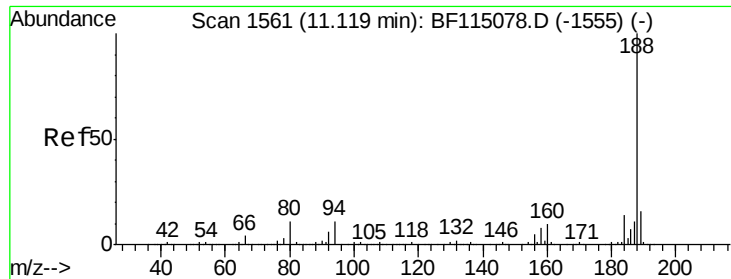
#63
 Azobenzene
 Concen: 0.034 ng
 RT: 10.32 min Scan# 1425
 Delta R.T. -0.04 min
 Lab File: BF115250.D
 Acq: 27 Jun 2019 22:41

Tgt Ion: 77 Resp: 951
 Ion Ratio Lower Upper
 77 100
 182 0.0 10.1 50.1#
 105 29.8 4.5 44.5
 51 35.2 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

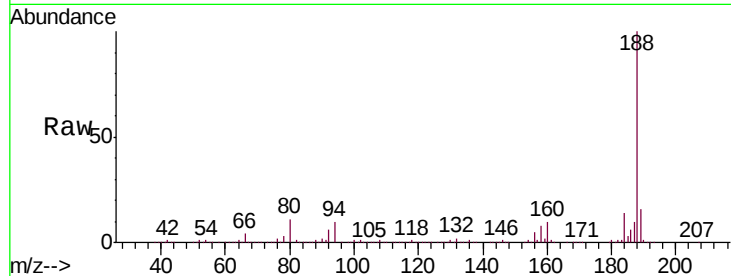




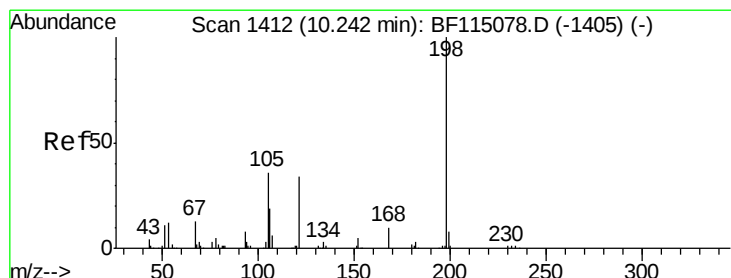
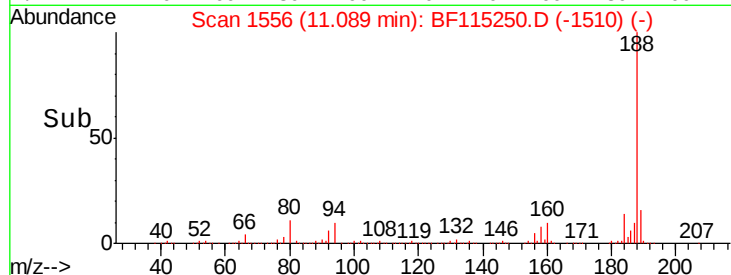
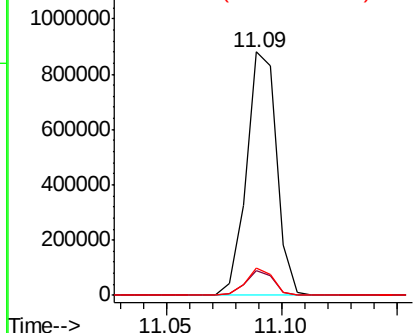
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.09 min Scan# 1556
 Delta R.T. -0.03 min
 Lab File: BF115250.D
 Acq: 27 Jun 2019 22:41

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

Tgt Ion:188 Resp: 805949
 Ion Ratio Lower Upper
 188 100
 94 10.4 8.6 12.8
 80 11.1 8.8 13.2

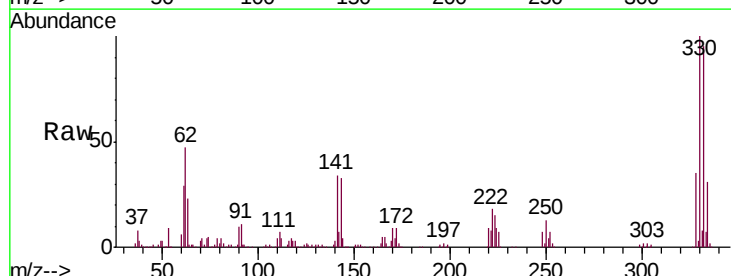


Abundance Ion 188.00 (187.70 to 188.70): E
 1200000
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

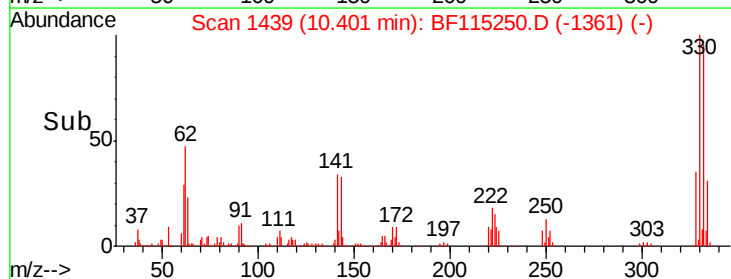
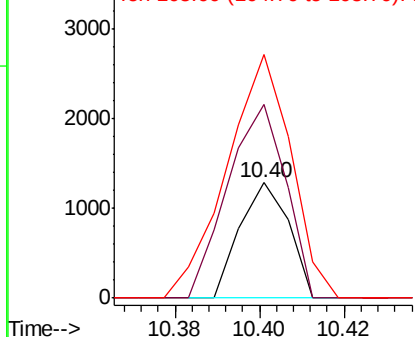


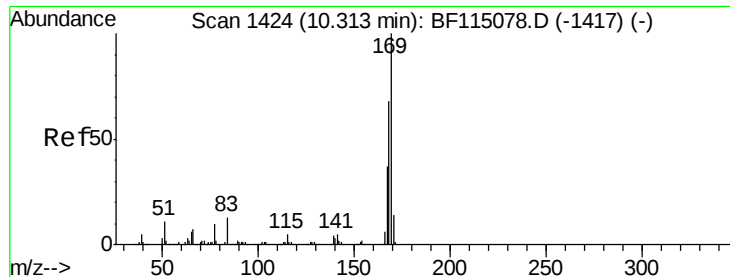
#65
 4,6-Dinitro-2-methylphenol
 Concen: 5.176 ng
 RT: 10.40 min Scan# 1439
 Delta R.T. 0.16 min
 Lab File: BF115250.D
 Acq: 27 Jun 2019 22:41

Tgt Ion:198 Resp: 1035
 Ion Ratio Lower Upper
 198 100
 51 167.8 11.0 51.0#
 105 211.3 17.3 57.3#



Abundance Ion 198.00 (197.70 to 198.70): E
 3000
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

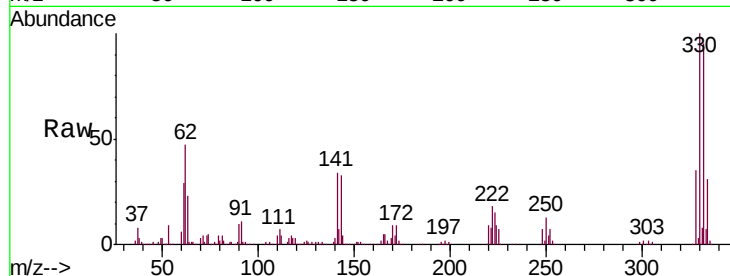




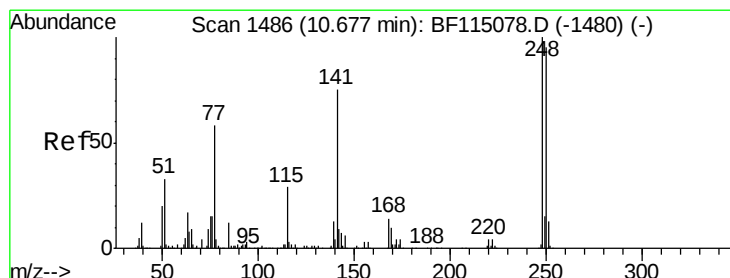
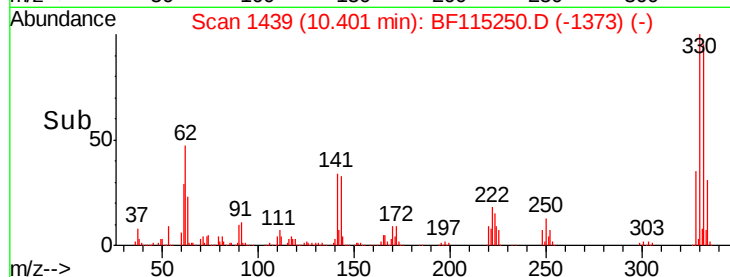
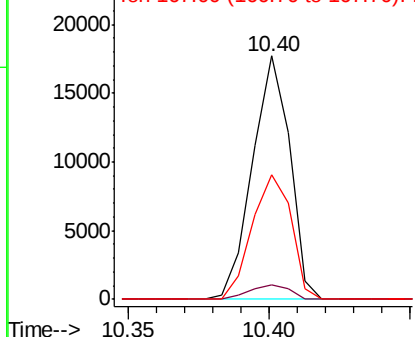
#66
 n-Nitrosodiphenylamine
 Concen: 0.649 ng
 RT: 10.40 min Scan# 1439
 Delta R.T. 0.09 min
 Lab File: BF115250.D
 Acq: 27 Jun 2019 22:41

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

Tgt Ion:169 Resp: 16291
 Ion Ratio Lower Upper
 169 100
 168 6.1 54.2 81.4#
 167 51.2 29.4 44.0#

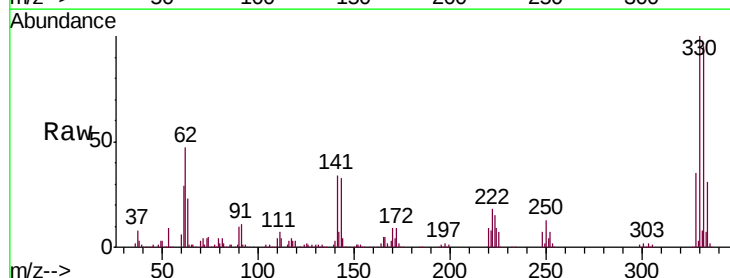


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

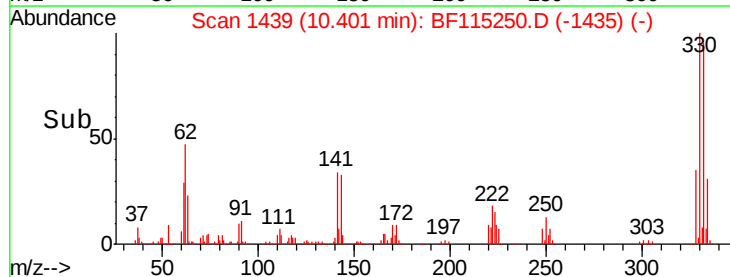
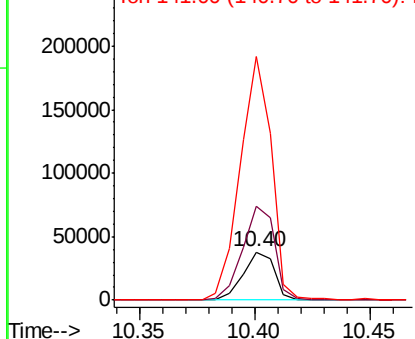


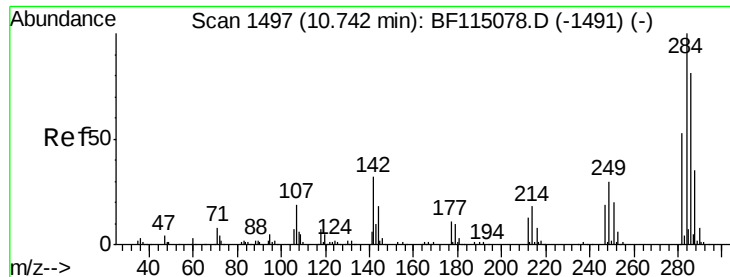
#67
 4-Bromophenyl-phenylether
 Concen: 4.122 ng
 RT: 10.40 min Scan# 1439
 Delta R.T. -0.28 min
 Lab File: BF115250.D
 Acq: 27 Jun 2019 22:41

Tgt Ion:248 Resp: 36021
 Ion Ratio Lower Upper
 248 100
 250 195.4 76.2 114.2#
 141 504.1 59.6 89.4#



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

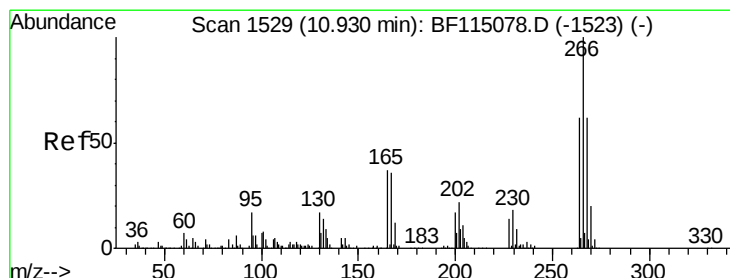
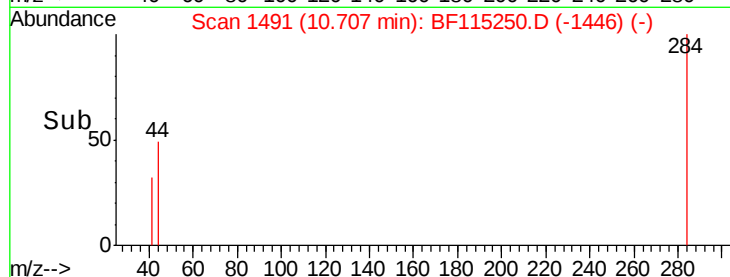
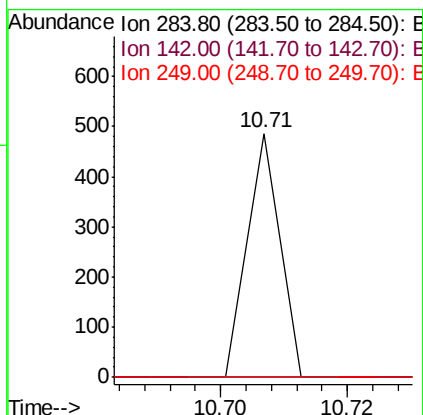
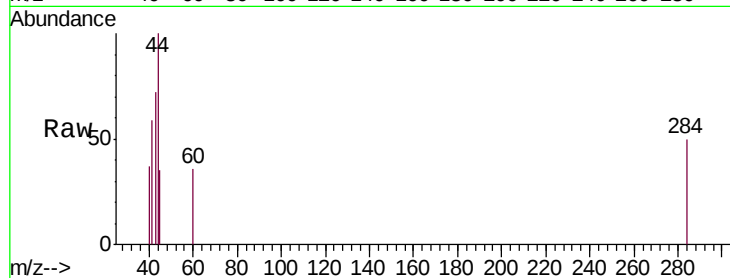




#68
Hexachlorobenzene
Concen: 0.018 ng
RT: 10.71 min Scan# 1491
Delta R.T. -0.04 min
Lab File: BF115250.D
Acq: 27 Jun 2019 22:41

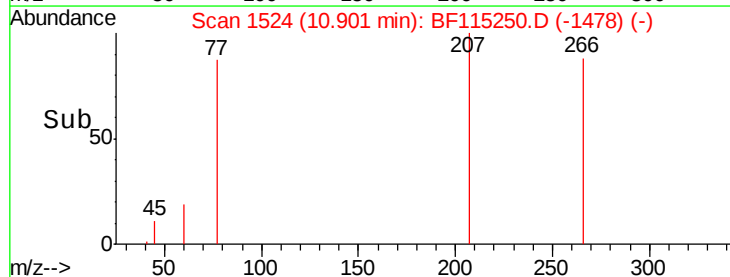
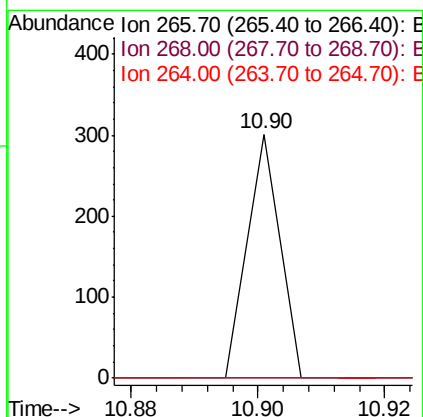
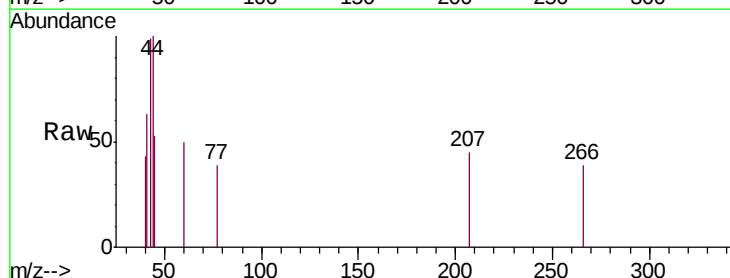
Instrument :
BNA_F
ClientSampleId :
TRIANGLE-AREA-SOIL-B

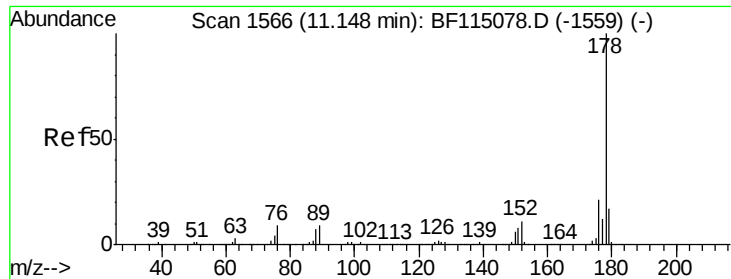
Tgt Ion: 284 Resp: 171
Ion Ratio Lower Upper
284 100
142 0.0 25.8 38.8#
249 0.0 24.2 36.4#



#70
Pentachlorophenol
Concen: 0.018 ng
RT: 10.90 min Scan# 1524
Delta R.T. -0.03 min
Lab File: BF115250.D
Acq: 27 Jun 2019 22:41

Tgt Ion: 266 Resp: 106
Ion Ratio Lower Upper
266 100
268 0.0 49.5 74.3#
264 0.0 49.3 73.9#

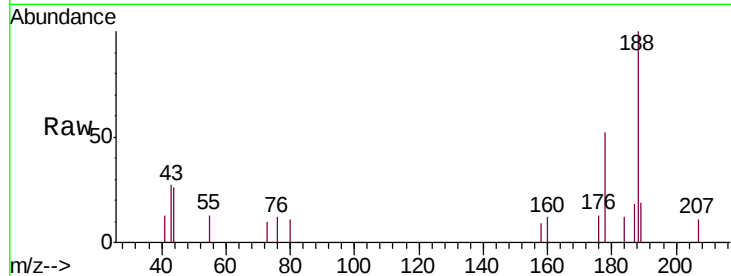




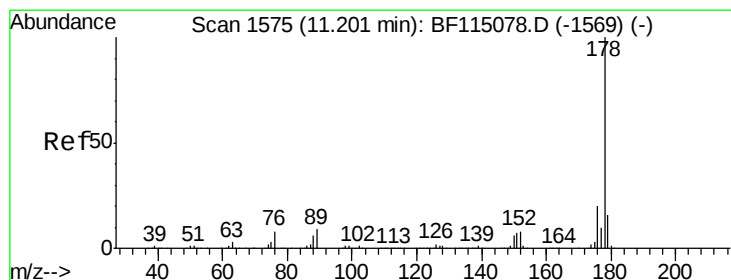
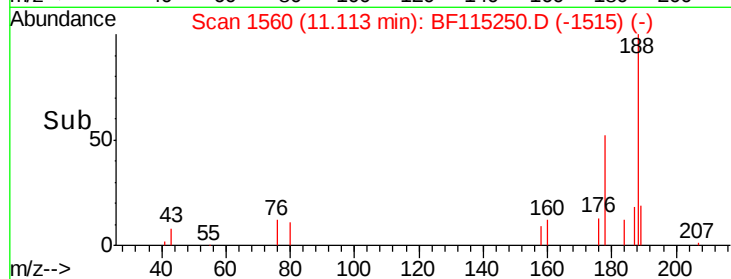
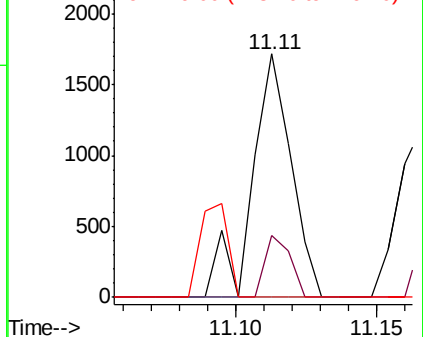
#71
Phenanthrene
Concen: 0.038 ng
RT: 11.11 min Scan# 1560
Delta R.T. -0.04 min
Lab File: BF115250.D
Acq: 27 Jun 2019 22:41

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

Tgt Ion:178 Resp: 1650
Ion Ratio Lower Upper
178 100
176 25.5 16.9 25.3#
179 0.0 13.2 19.8#

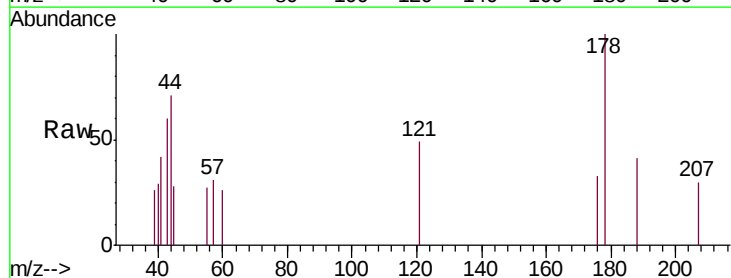


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

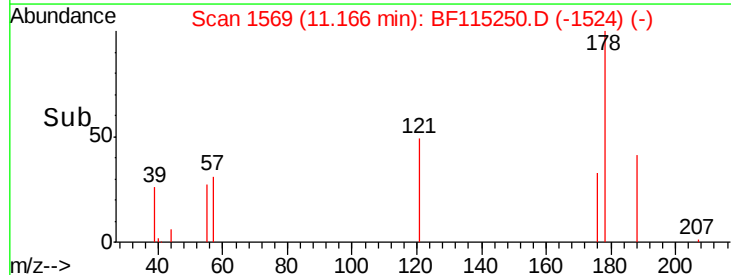
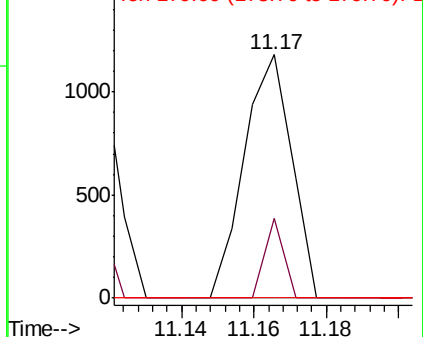


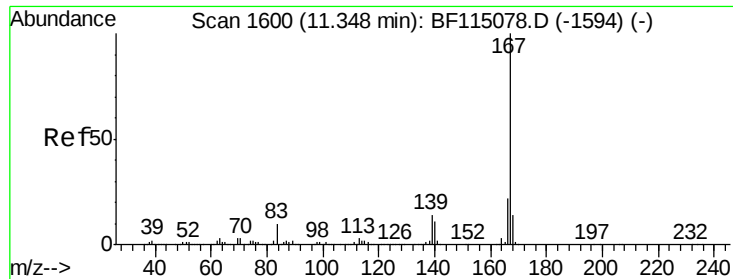
#72
Anthracene
Concen: 0.024 ng
RT: 11.17 min Scan# 1569
Delta R.T. -0.04 min
Lab File: BF115250.D
Acq: 27 Jun 2019 22:41

Tgt Ion:178 Resp: 1071
Ion Ratio Lower Upper
178 100
176 32.6 16.1 24.1#
179 0.0 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

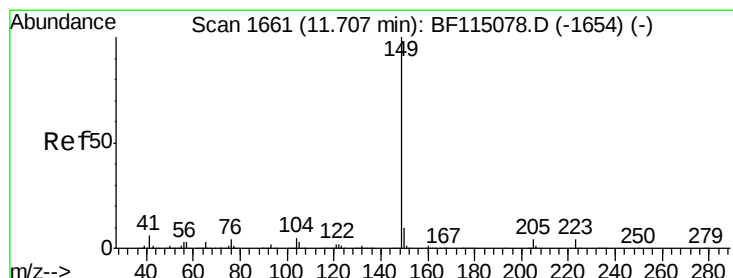
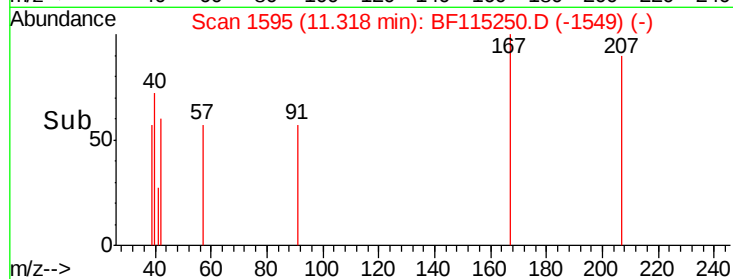
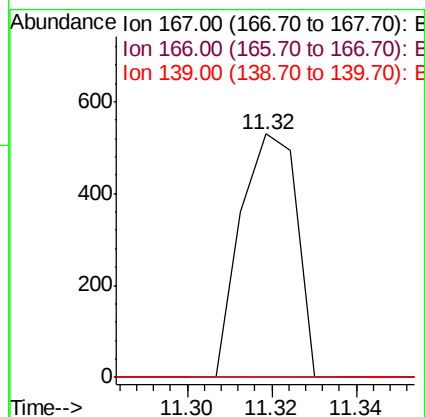
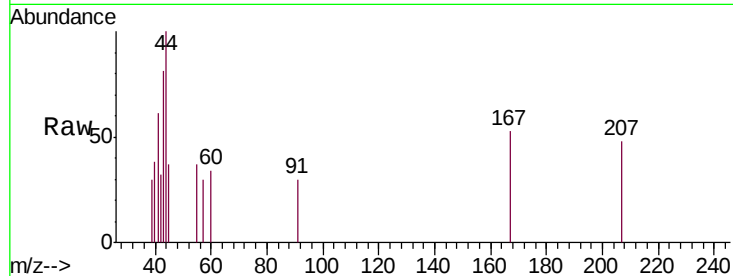




#73
 Carbazole
 Concen: 0.012 ng
 RT: 11.32 min Scan# 1595
 Delta R.T. -0.03 min
 Lab File: BF115250.D
 Acq: 27 Jun 2019 22:41

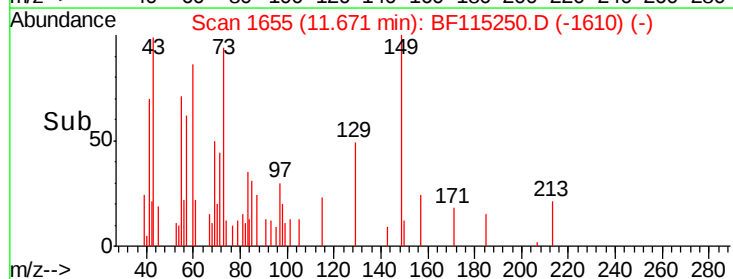
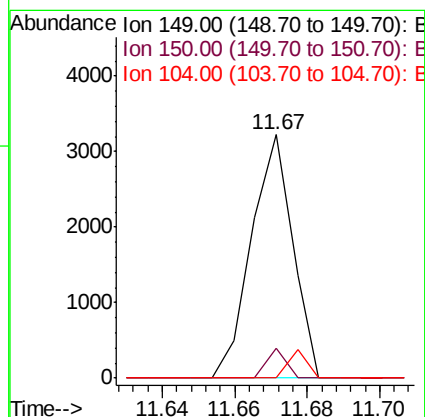
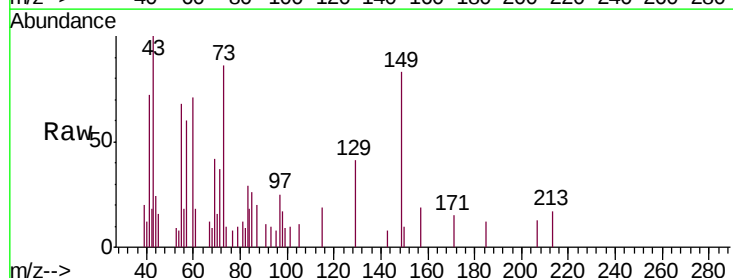
Instrument :
 BNA_F
 ClientSampleId :
 TRIANGLE-AREA-SOIL-B

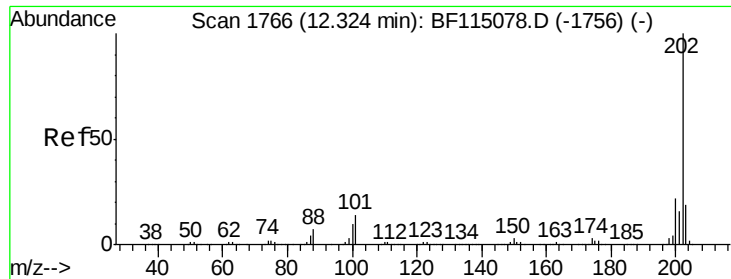
Tgt Ion:167 Resp: 488
 Ion Ratio Lower Upper
 167 100
 166 0.0 18.0 27.0#
 139 0.0 11.1 16.7#



#74
 Di-n-butylphthalate
 Concen: 0.056 ng
 RT: 11.67 min Scan# 1655
 Delta R.T. -0.04 min
 Lab File: BF115250.D
 Acq: 27 Jun 2019 22:41

Tgt Ion:149 Resp: 2542
 Ion Ratio Lower Upper
 149 100
 150 12.0 7.8 11.8#
 104 0.0 3.7 5.5#

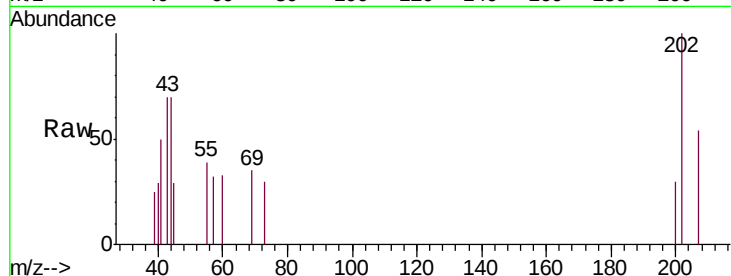




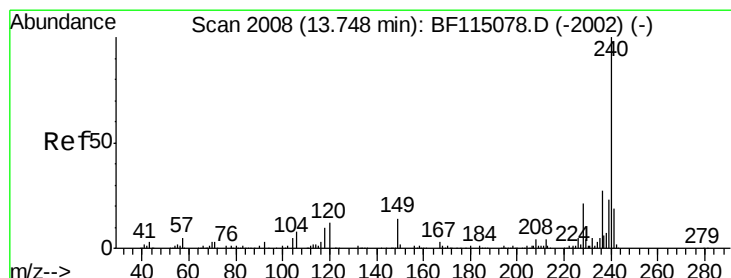
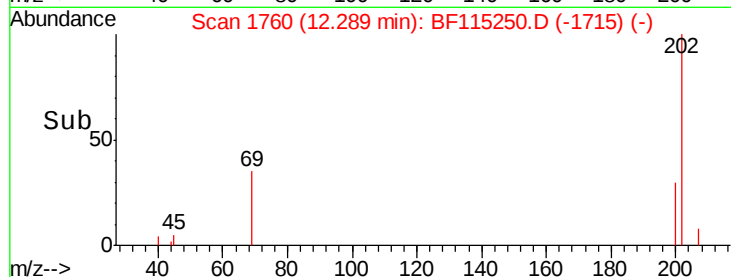
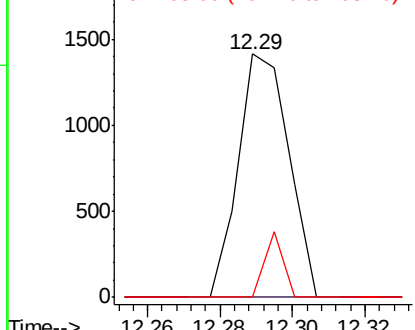
#75
Fluoranthene
Concen: 0.032 ng
RT: 12.29 min Scan# 1760
Delta R.T. -0.04 min
Lab File: BF115250.D
Acq: 27 Jun 2019 22:41

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

Tgt Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	34.0
203	0.0	0.0	38.8

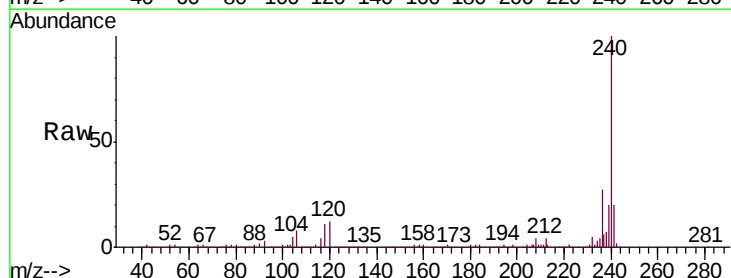


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

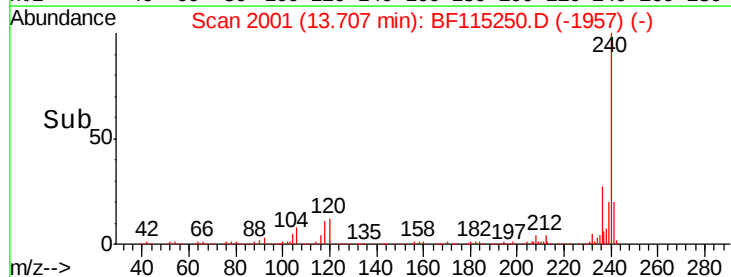
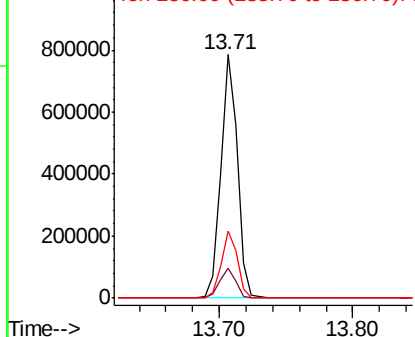


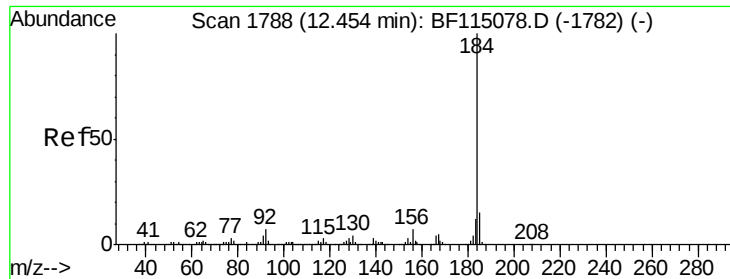
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.71 min Scan# 2001
Delta R.T. -0.04 min
Lab File: BF115250.D
Acq: 27 Jun 2019 22:41

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.4	14.2
236	27.3	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: 0.168 ng

RT: 12.42 min Scan# 1782

Delta R.T. -0.04 min

Lab File: BF115250.D

Acq: 27 Jun 2019 22:41

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-B

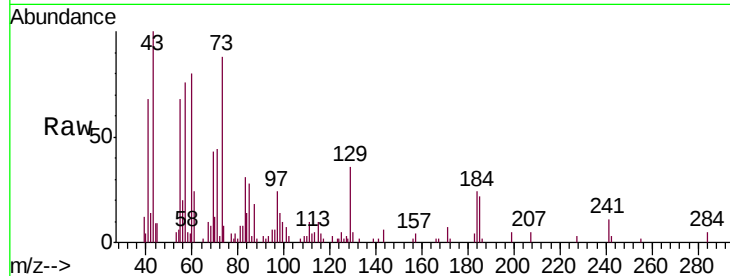
Tgt Ion:184 Resp: 5142

Ion Ratio Lower Upper

184 100

185 91.7 12.2 18.2#

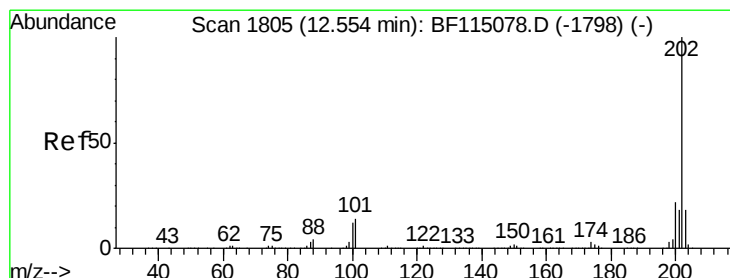
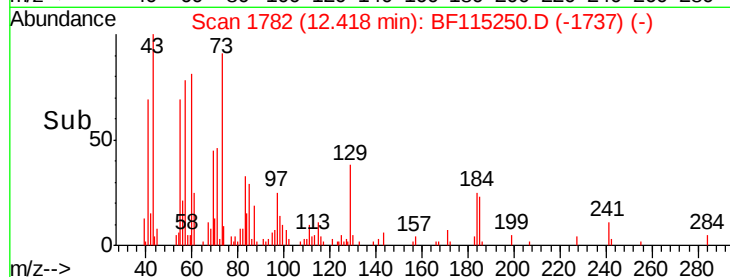
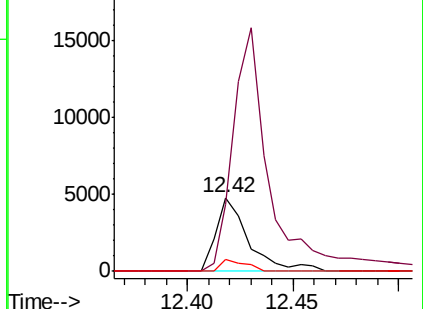
183 16.2 9.6 14.4#



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: 0.028 ng

RT: 12.52 min Scan# 1799

Delta R.T. -0.04 min

Lab File: BF115250.D

Acq: 27 Jun 2019 22:41

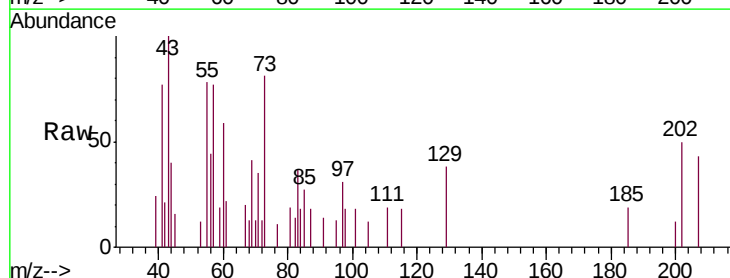
Tgt Ion:202 Resp: 1470

Ion Ratio Lower Upper

202 100

200 24.3 17.9 26.9

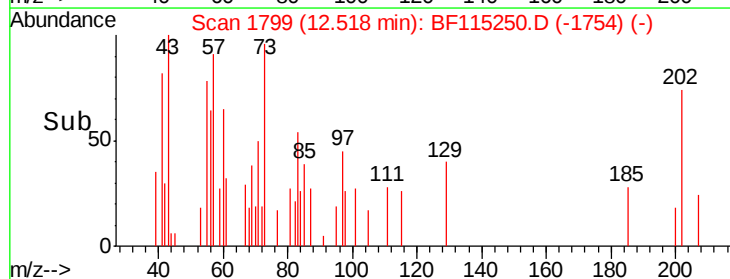
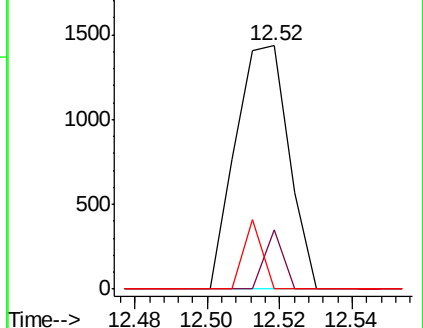
203 0.0 14.6 21.8#

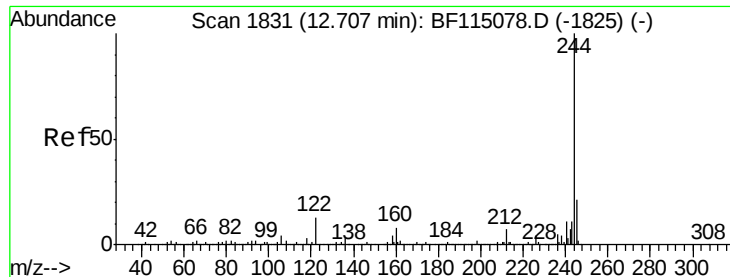


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.876 ng

RT: 12.68 min Scan# 1826

Delta R.T. -0.03 min

Lab File: BF115250.D

Acq: 27 Jun 2019 22:41

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-B

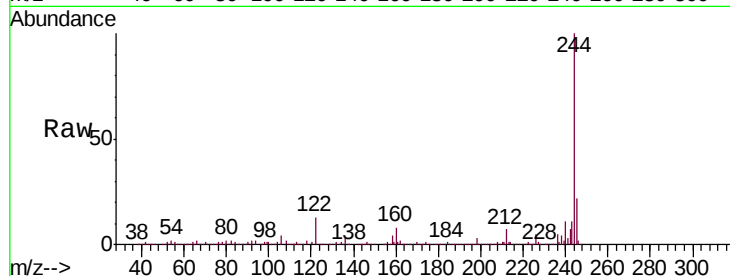
Tgt Ion:244 Resp: 2719069

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

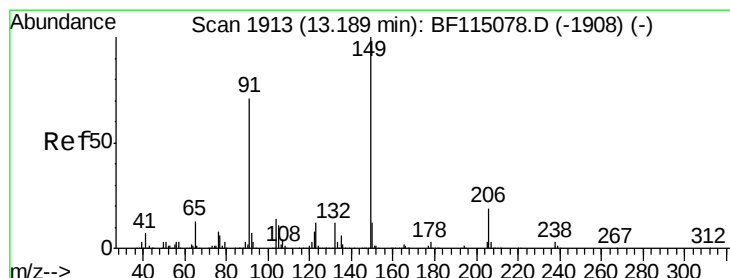
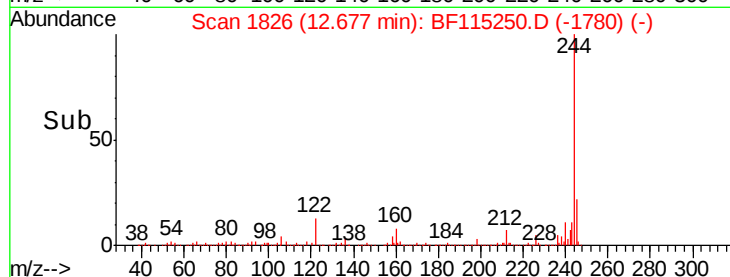
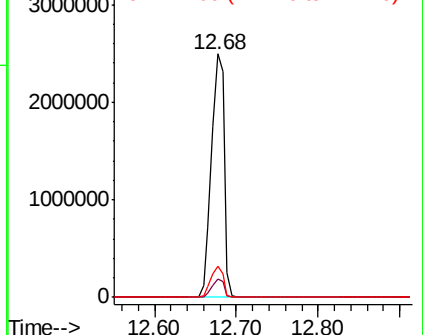
122 12.8 10.4 15.6



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: 0.022 ng

RT: 13.15 min Scan# 1907

Delta R.T. -0.04 min

Lab File: BF115250.D

Acq: 27 Jun 2019 22:41

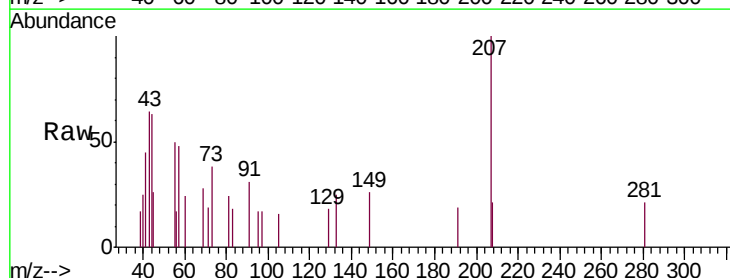
Tgt Ion:149 Resp: 525

Ion Ratio Lower Upper

149 100

91 121.4 56.5 84.7#

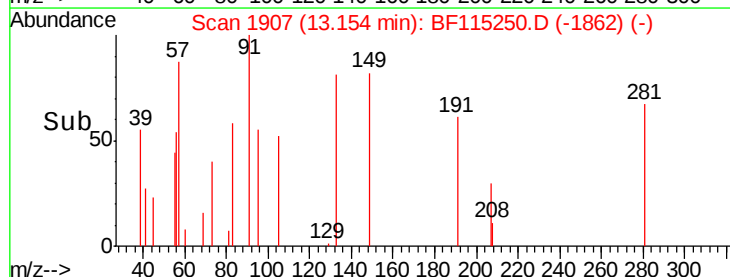
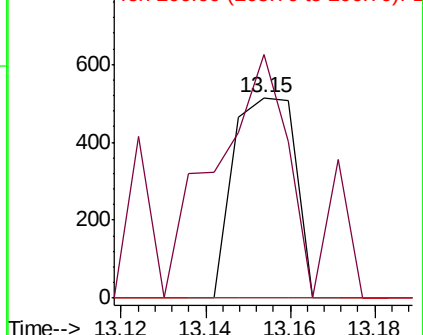
206 0.0 15.3 22.9#

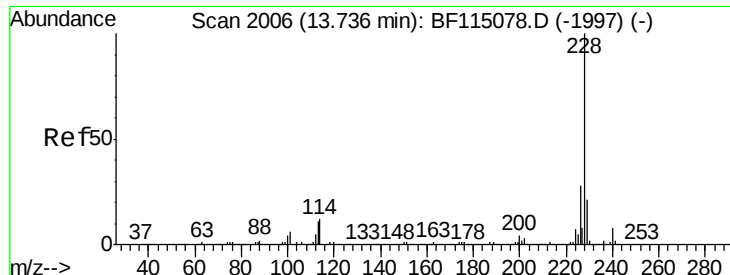


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

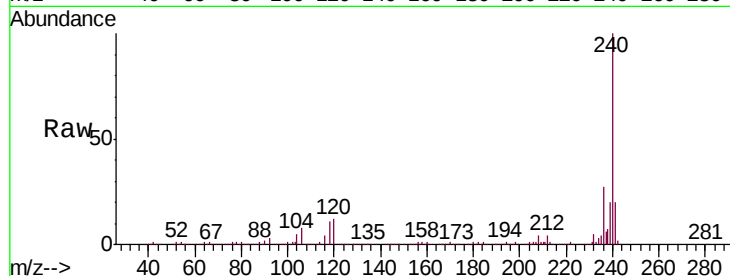




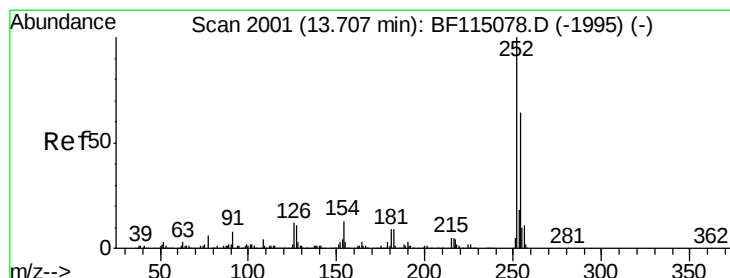
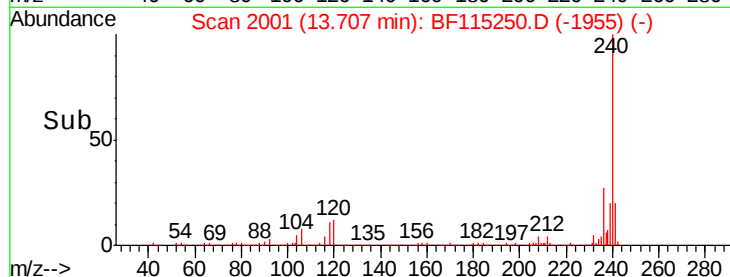
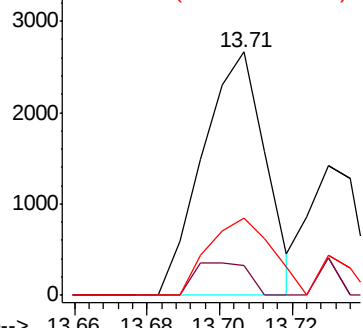
#81
Benzo(a)anthracene
Concen: 0.065 ng
RT: 13.71 min Scan# 2001
Delta R.T. -0.03 min
Lab File: BF115250.D
Acq: 27 Jun 2019 22:41

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

Tgt Ion: 228 Resp: 3199
Ion Ratio Lower Upper
228 100
226 12.3 22.5 33.7#
229 31.5 16.6 24.8#

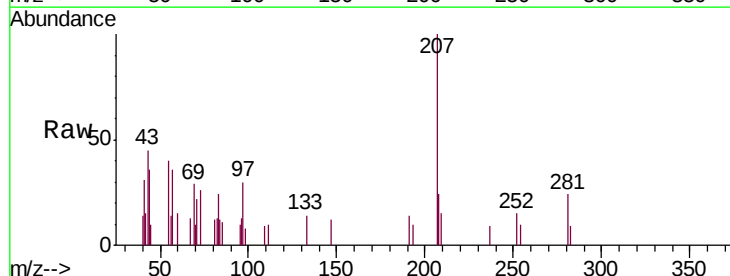


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

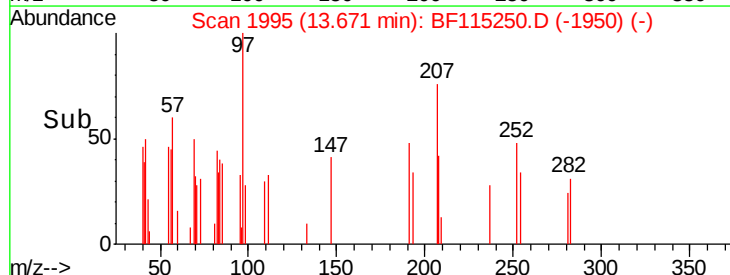
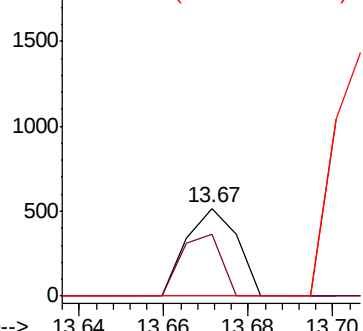


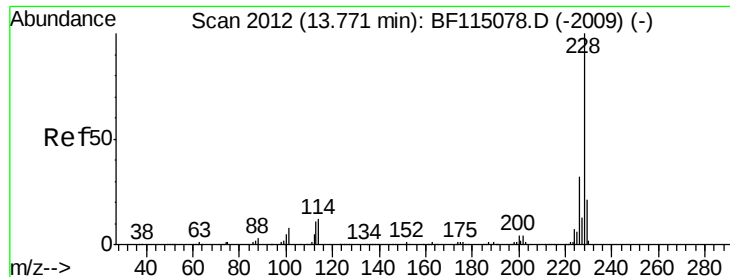
#82
3,3'-Dichlorobenzidine
Concen: 0.024 ng
RT: 13.67 min Scan# 1995
Delta R.T. -0.04 min
Lab File: BF115250.D
Acq: 27 Jun 2019 22:41

Tgt Ion: 252 Resp: 434
Ion Ratio Lower Upper
252 100
254 71.3 51.1 76.7
126 0.0 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: 0.028 ng

RT: 13.73 min Scan# 2005

Delta R.T. -0.04 min

Lab File: BF115250.D

Acq: 27 Jun 2019 22:41

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-B

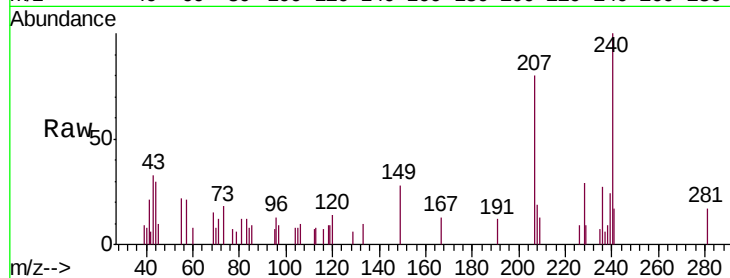
Tgt Ion:228 Resp: 1257

Ion Ratio Lower Upper

228 100

226 29.3 25.4 38.0

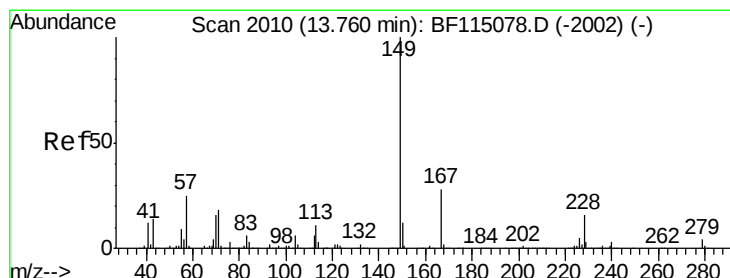
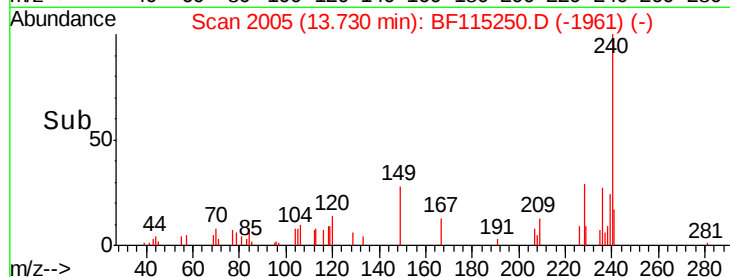
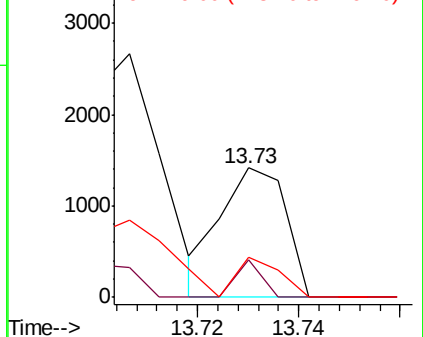
229 30.9 16.5 24.7#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.083 ng

RT: 13.72 min Scan# 2004

Delta R.T. -0.04 min

Lab File: BF115250.D

Acq: 27 Jun 2019 22:41

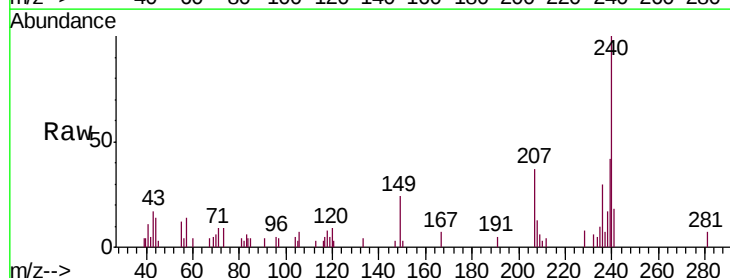
Tgt Ion:149 Resp: 2557

Ion Ratio Lower Upper

149 100

167 30.4 22.2 33.4

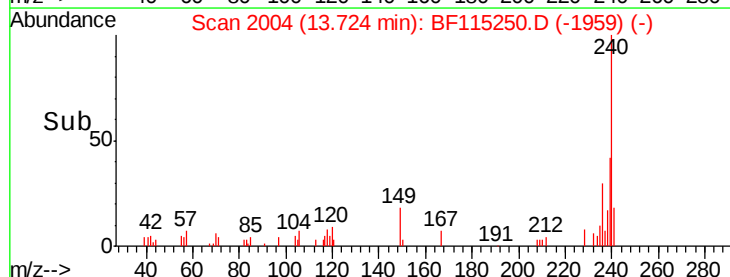
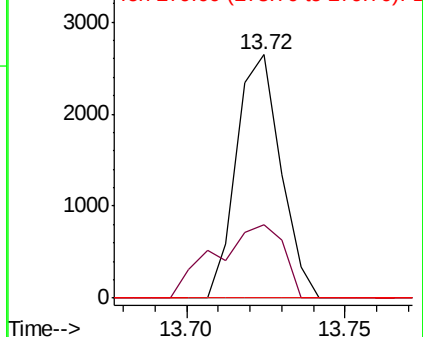
279 0.0 2.9 4.3#

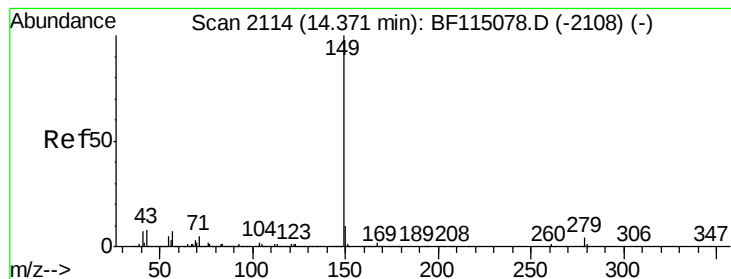


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 0.029 ng

RT: 14.33 min Scan# 2107

Delta R.T. -0.04 min

Lab File: BF115250.D

Acq: 27 Jun 2019 22:41

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-B

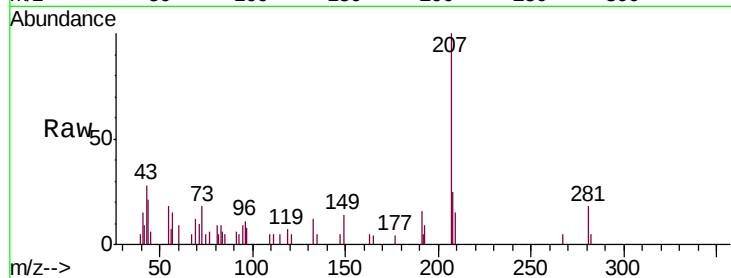
Tgt Ion:149 Resp: 1472

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

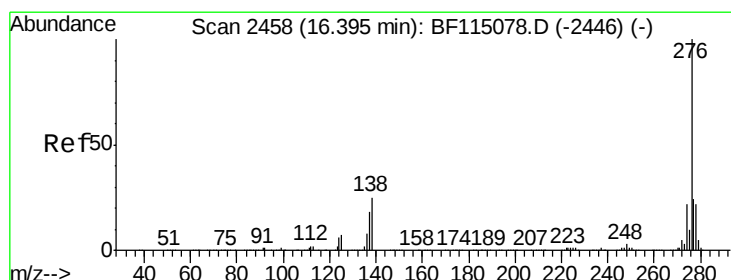
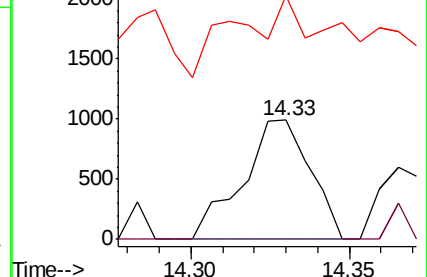
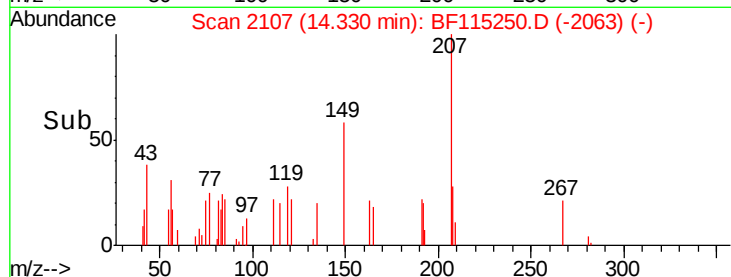
43 39.9 7.0 10.6#



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: 0.018 ng

RT: 16.32 min Scan# 2445

Delta R.T. -0.08 min

Lab File: BF115250.D

Acq: 27 Jun 2019 22:41

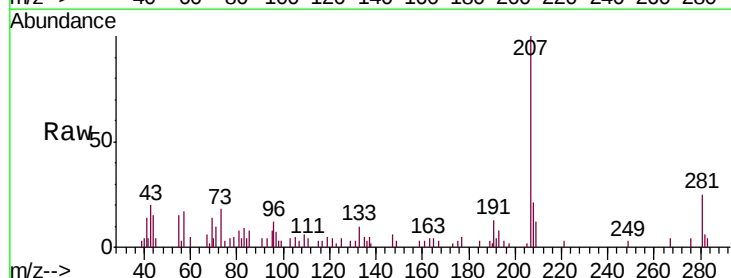
Tgt Ion:276 Resp: 967

Ion Ratio Lower Upper

276 100

138 11.0 23.2 34.8#

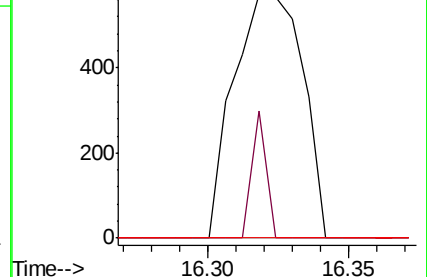
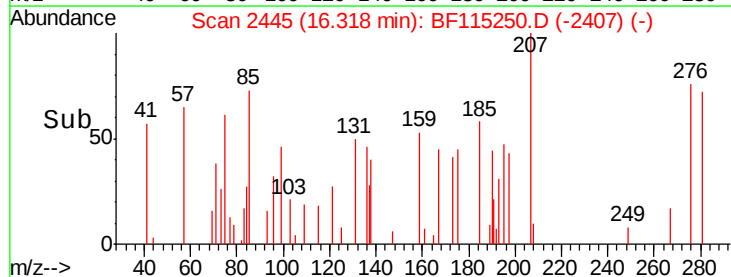
277 0.0 20.1 30.1#

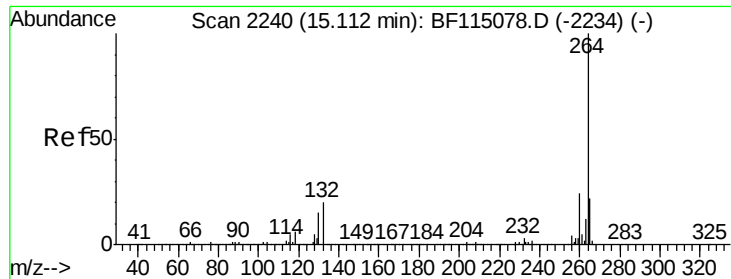


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



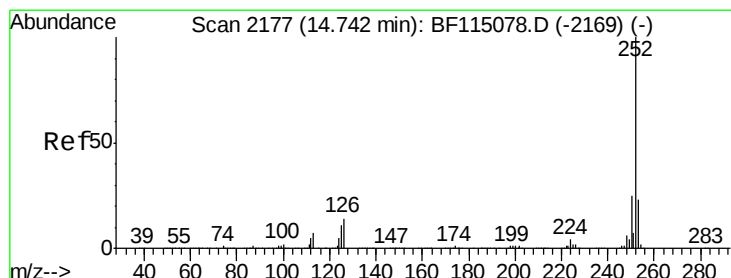
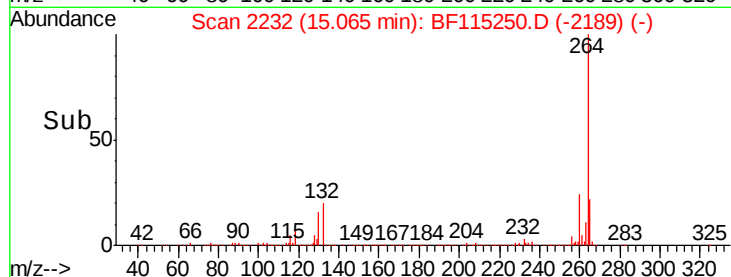
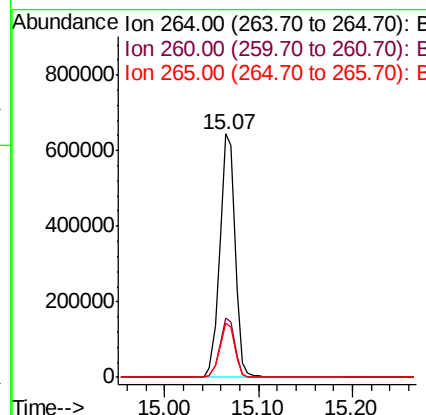
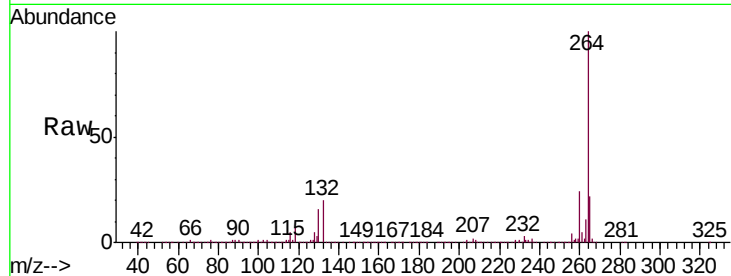


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.07 min Scan# 2232
Delta R.T. -0.05 min
Lab File: BF115250.D
Acq: 27 Jun 2019 22:41

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

Tgt Ion: 264 Resp: 740838

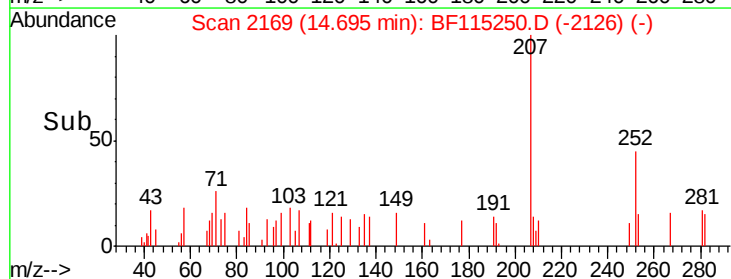
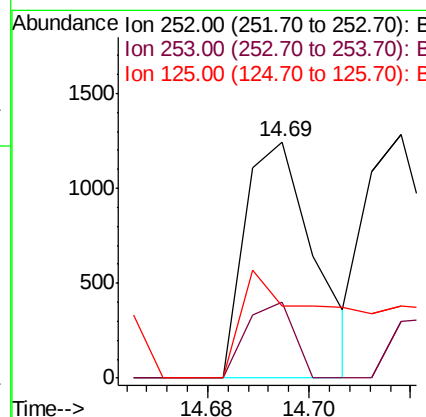
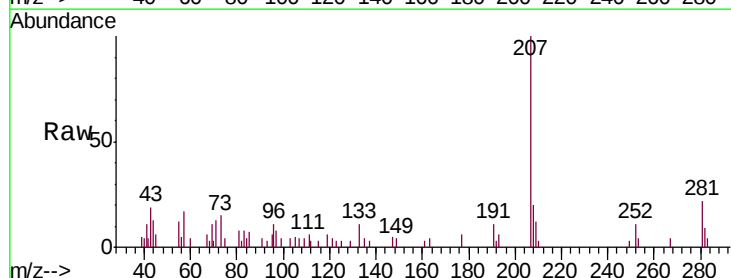
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.6	29.4
265	22.2	17.3	25.9

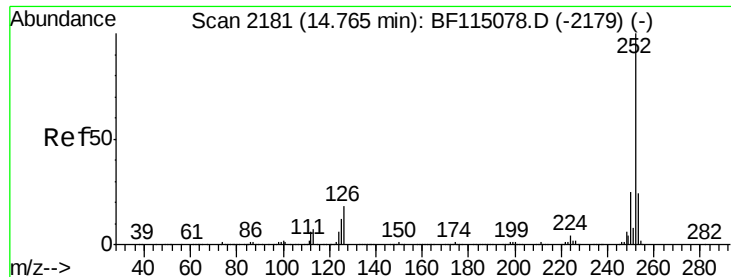


#88
Benzo(b)fluoranthene
Concen: 0.026 ng
RT: 14.69 min Scan# 2169
Delta R.T. -0.05 min
Lab File: BF115250.D
Acq: 27 Jun 2019 22:41

Tgt Ion: 252 Resp: 1182

Ion	Ratio	Lower	Upper
252	100		
253	32.2	18.1	27.1#
125	30.6	8.7	13.1#

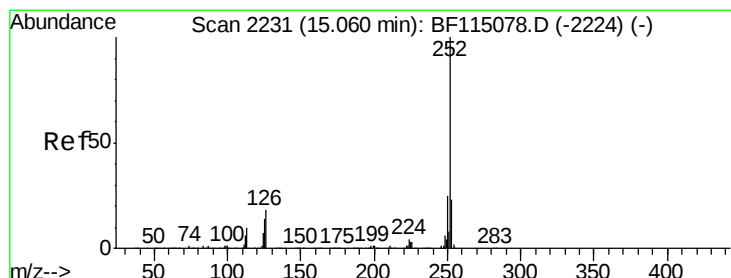
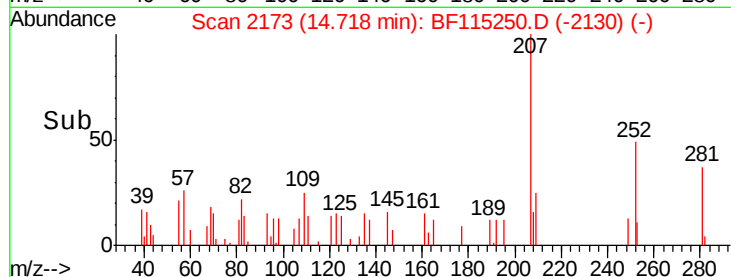
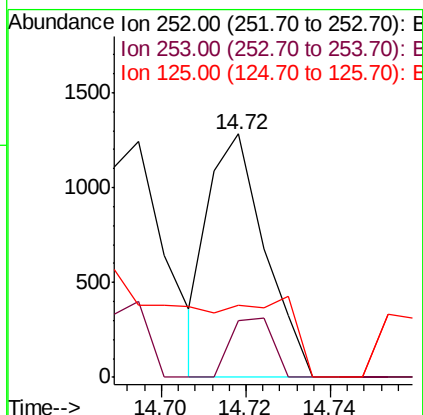
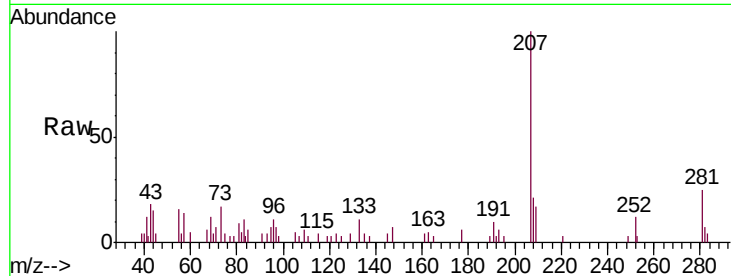




#89
Benzo(k)fluoranthene
Concen: 0.029 ng
RT: 14.72 min Scan# 2173
Delta R.T. -0.05 min
Lab File: BF115250.D
Acq: 27 Jun 2019 22:41

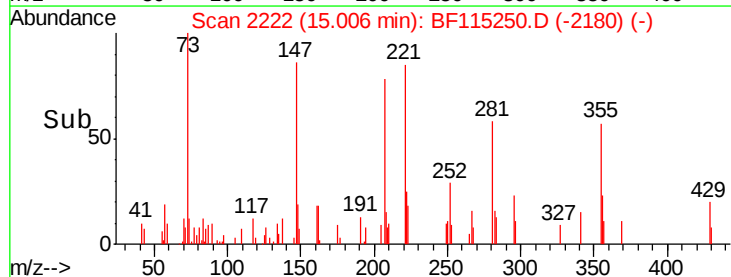
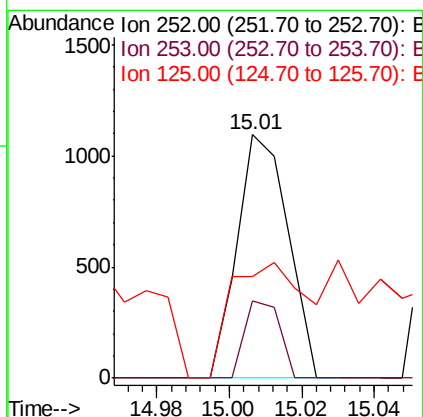
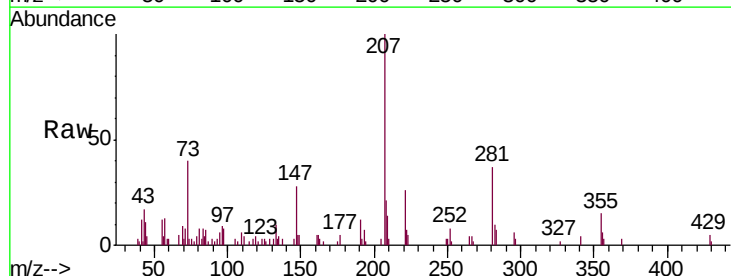
Instrument :
BNA_F
ClientSampleId :
TRIANGLE-AREA-SOIL-B

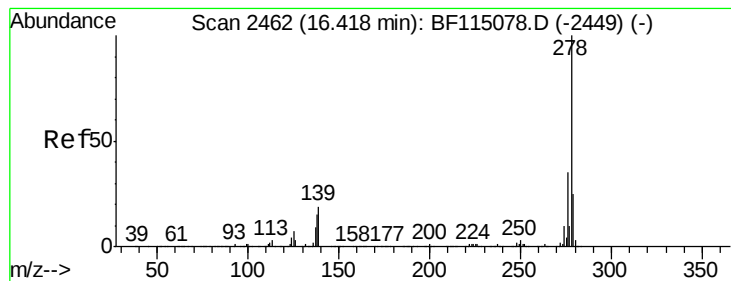
Tgt Ion:252 Resp: 1190
Ion Ratio Lower Upper
252 100
253 23.5 18.9 28.3
125 29.8 10.2 15.2#



#90
Benzo(a)pyrene
Concen: 0.026 ng
RT: 15.01 min Scan# 2222
Delta R.T. -0.05 min
Lab File: BF115250.D
Acq: 27 Jun 2019 22:41

Tgt Ion:252 Resp: 1076
Ion Ratio Lower Upper
252 100
253 31.6 18.3 27.5#
125 41.9 10.9 16.3#





#91

Dibenzo(a,h)anthracene

Concen: 0.018 ng

RT: 16.34 min Scan# 2448

Delta R.T. -0.08 min

Lab File: BF115250.D

Acq: 27 Jun 2019 22:41

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-B

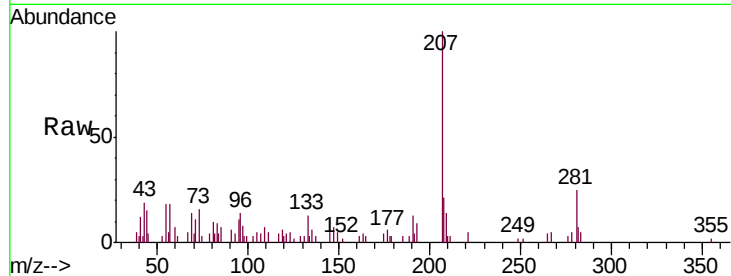
Tgt Ion: 278 Resp: 686

Ion Ratio Lower Upper

278 100

139 0.0 15.4 23.2#

279 0.0 19.9 29.9#

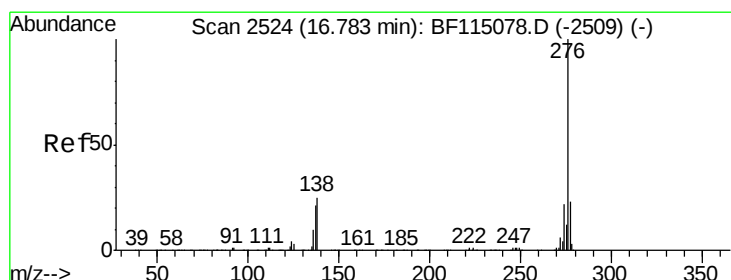
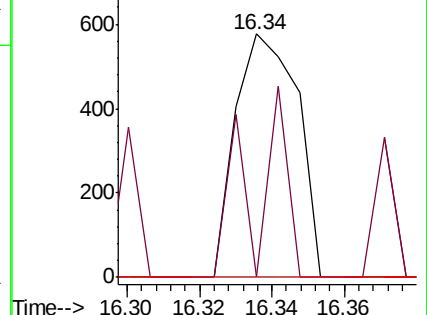
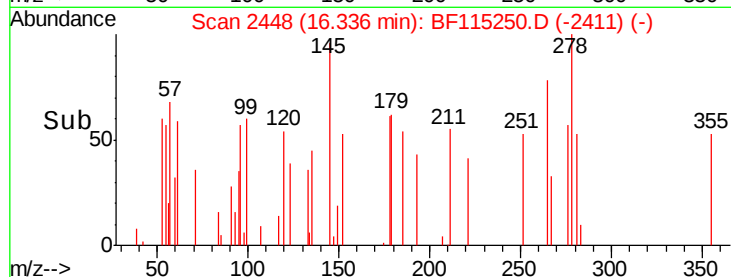


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 0.015 ng

RT: 16.69 min Scan# 2508

Delta R.T. -0.09 min

Lab File: BF115250.D

Acq: 27 Jun 2019 22:41

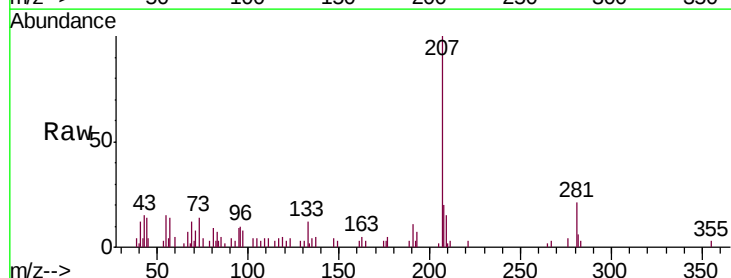
Tgt Ion: 276 Resp: 572

Ion Ratio Lower Upper

276 100

277 0.0 18.6 28.0#

138 0.0 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

