

Data File : BF115254.D
Acq On : 28 Jun 2019 00:28
Operator : HP/JU
Sample : K3532-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Jun 28 05:03:11 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	233823	20.00	ng	-0.02
21) Naphthalene-d8	7.88	136	872325	20.00	ng	-0.02
39) Acenaphthene-d10	9.62	164	433722	20.00	ng	-0.02
64) Phenanthrene-d10	11.10	188	862118	20.00	ng	-0.02
76) Chrysene-d12	13.72	240	611331	20.00	ng	-0.02
87) Perylene-d12	15.08	264	551936	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1468707	96.93	ng	-0.01
7) Phenol-d6	6.24	99	1831446	99.58	ng	-0.01
23) Nitrobenzene-d5	7.16	82	1083868	76.43	ng	-0.02
42) 2,4,6-Tribromophenol	10.41	330	499245	109.15	ng	-0.02
45) 2-Fluorobiphenyl	8.95	172	1748121	68.46	ng	-0.03
79) Terphenyl-d14	12.68	244	1823492	63.42	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.20	88	134	0.019	ng	# 63
3) Pyridine	2.87	79	2761	0.137	ng	# 43
4) n-Nitrosodimethylamine	2.78	42	91	0.012	ng	# 1
6) Aniline	6.25	93	639	0.025	ng	# 1
8) 2-Chlorophenol	6.38	128	446	0.026	ng	# 1
9) Benzaldehyde	6.14	77	3644	0.304	ng	# 61
10) Phenol	6.25	94	23746	1.102	ng	# 30
11) bis(2-Chloroethyl)ether	6.37	93	2630	0.166	ng	# 1
12) 1,3-Dichlorobenzene	6.62	146	447	0.024	ng	# 88
13) 1,4-Dichlorobenzene	6.62	146	447	0.024	ng	# 73
14) 1,2-Dichlorobenzene	6.77	146	228	0.013	ng	# 14
15) Benzyl Alcohol	6.75	79	21390	1.597	ng	# 42
16) 2,2'-oxybis(1-Chloropropan	6.95	45	2096	0.091	ng	# 60
17) 2-Methylphenol	7.02	107	8820	0.627	ng	# 90
18) Hexachloroethane	7.12	117	4609	0.674	ng	# 8
19) n-Nitroso-di-n-propylamine	7.16	70	145597	12.366	ng	# 77
20) 3+4-Methylphenols	7.02	107	8820	0.543	ng	# 73
22) Acetophenone	7.00	105	15938	0.798	ng	# 87
24) Nitrobenzene	7.16	77	4663	0.298	ng	# 27
25) Isophorone	7.16	82	1074929	37.003	ng	# 63
26) 2-Nitrophenol	7.45	139	1028	0.133	ng	# 1
27) 2,4-Dimethylphenol	7.54	122	1456	0.115	ng	# 84
28) bis(2-Chloroethoxy)methane	7.62	93	579	0.032	ng	# 1
29) 2,4-Dichlorophenol	7.75	162	118	0.009	ng	# 7
31) Naphthalene	7.90	128	239095	5.584	ng	# 97
32) Benzoic acid	7.61	122	39859	4.421	ng	# 96
33) 4-Chloroaniline	7.96	127	1396	0.071	ng	# 29
35) Caprolactam	8.32	113	1087	0.248	ng	# 1
36) 4-Chloro-3-methylphenol	8.45	107	2679	0.203	ng	# 85
37) 2-Methylnaphthalene	8.59	142	181117	6.273	ng	# 98
38) 1-Methylnaphthalene	8.68	142	206013	7.471	ng	# 98
46) 1,1'-Biphenyl	9.05	154	50292	1.449	ng	# 97
47) 2-Chloronaphthalene	9.05	162	485	0.017	ng	# 1
48) 2-Nitroaniline	9.14	65	1305	0.159	ng	# 29

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Acenaphthylene	9.48	152	524468	11.958	ng	97
50) Dimethylphthalate	9.35	163	340053	10.657	ng	98
51) 2,6-Dinitrotoluene	9.40	165	4475	0.607	ng #	2
52) Acenaphthene	9.65	154	158234	5.766	ng	98
53) 3-Nitroaniline	9.58	138	501	0.056	ng #	60
54) 2,4-Dinitrophenol	9.88	184	111	7.370	ng #	1
55) Dibenzofuran	9.82	168	98298	2.495	ng #	92
56) 4-Nitrophenol	9.61	139	2923	0.406	ng	86
57) 2,4-Dinitrotoluene	9.83	165	4559	0.479	ng #	54
58) Fluorene	10.17	166	320634	6.605	ng	97
59) 2,3,4,6-Tetrachlorophenol	9.90	232	207	0.025	ng #	1
60) Diethylphthalate	10.05	149	5475	0.171	ng #	72
61) 4-Chlorophenyl-phenylether	10.00	204	127	Below Cal	#	1
62) 4-Nitroaniline	10.23	138	1046	0.116	ng	78
63) Azobenzene	10.32	77	5908	0.197	ng #	1
65) 4,6-Dinitro-2-methylphenol	10.33	198	108	4.981	ng #	1
66) n-Nitrosodiphenylamine	10.28	169	27956	1.041	ng	95
67) 4-Bromophenyl-phenylether	10.41	248	31470	3.367	ng #	1
69) Atrazine	10.80	200	1387	0.161	ng #	1
70) Pentachlorophenol	10.91	266	946	0.146	ng	95
71) Phenanthrene	11.12	178	2346065	50.542	ng	98
72) Anthracene	11.17	178	782350	16.697	ng	99
73) Carbazole	11.32	167	128651	3.075	ng	99
74) Di-n-butylphthalate	11.68	149	74362	1.538	ng #	94
75) Fluoranthene	12.31	202	2685388	57.984	ng	98
77) Benzidine	12.41	184	2119	0.078	ng #	1
78) Pyrene	12.53	202	3122976	66.473	ng	96
80) Butylbenzylphthalate	13.17	149	2355169	113.594	ng	98
81) Benzo(a)anthracene	13.71	228	1644191	37.483	ng	94
82) 3,3'-Dichlorobenzidine	13.69	252	845	0.053	ng #	45
83) Chrysene	13.75	228	1552023	38.626	ng	97
84) Bis(2-ethylhexyl)phthalate	13.73	149	226943	8.354	ng	92
85) Di-n-octyl phthalate	14.34	149	4675	0.102	ng #	70
86) Indeno(1,2,3-cd)pyrene	16.34	276	527702	11.099	ng	94
88) Benzo(b)fluoranthene	14.71	252	2050088	59.528	ng #	96
89) Benzo(k)fluoranthene	14.71	252	2050088	66.379	ng	99
90) Benzo(a)pyrene	15.03	252	1110468	35.775	ng	98
91) Dibenzo(a,h)anthracene	16.35	278	157407	5.432	ng	95
92) Benzo(g,h,i)perylene	16.72	276	509240	17.363	ng	98

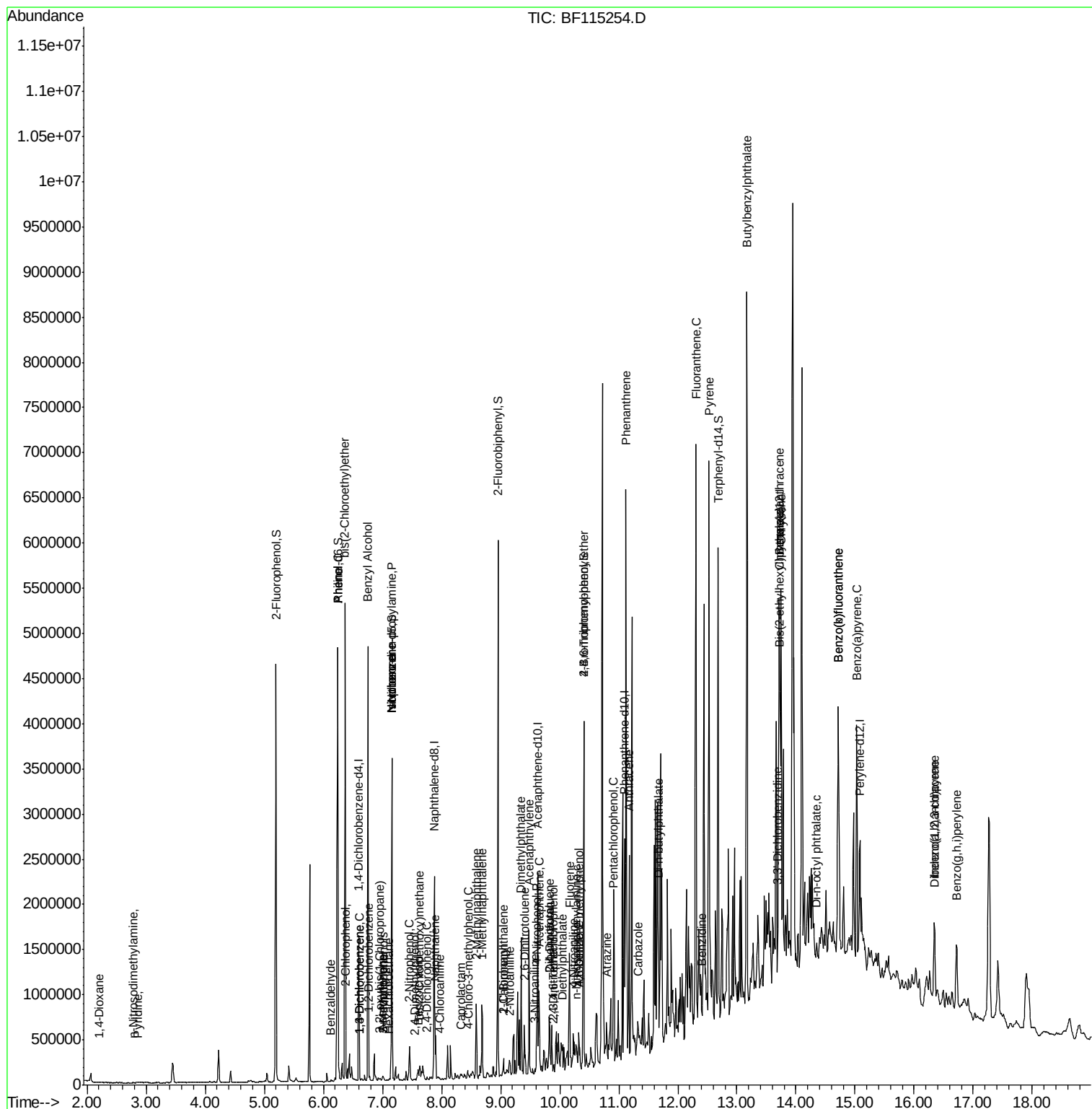
(#) = qualifier out of range (m) = manual integration (+) = signals summed

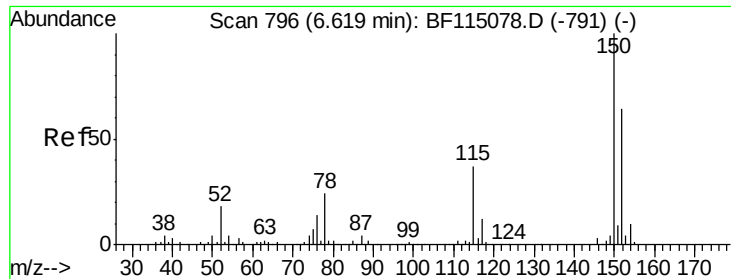
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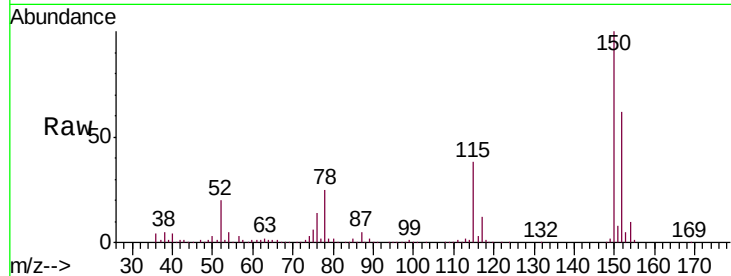


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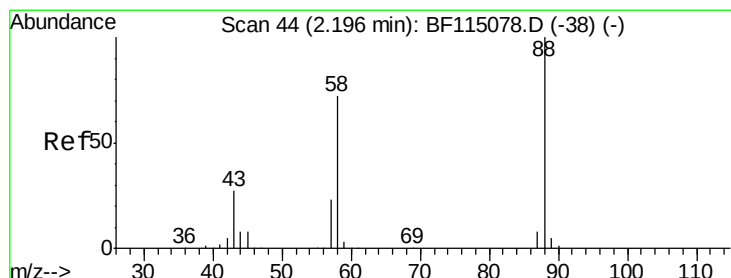
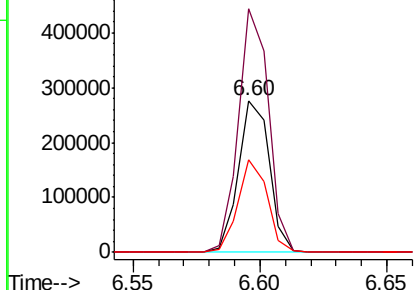
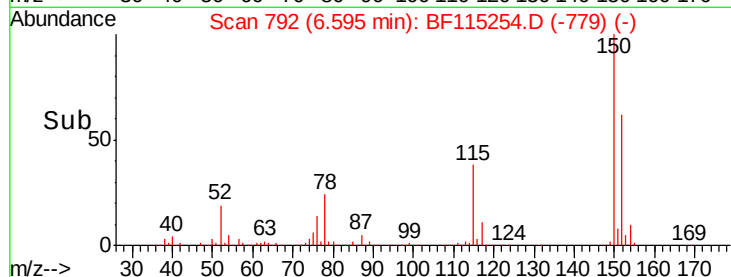
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 792
Delta R.T. -0.02 min
Lab File: BF115254.D
Acq: 28 Jun 2019 00:28

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

Tgt Ion:152 Resp: 233823
Ion Ratio Lower Upper
152 100
150 160.4 124.2 186.2
115 60.9 46.1 69.1



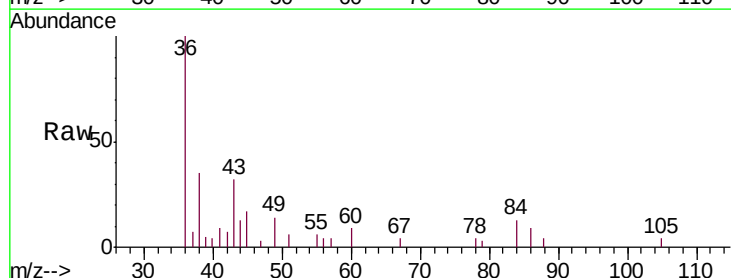
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



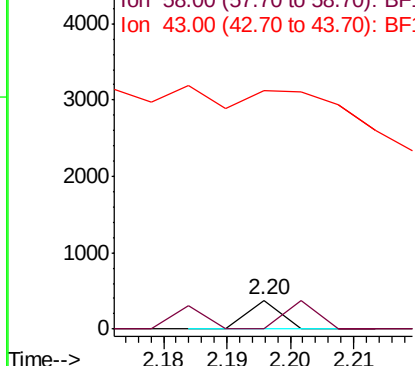
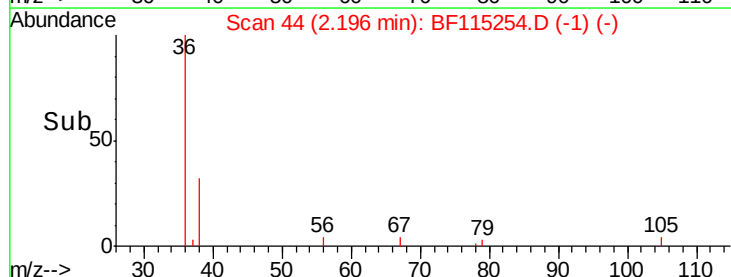
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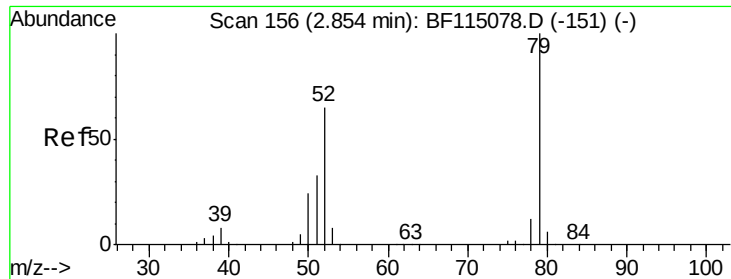
1,4-Dioxane
Concen: 0.019 ng
RT: 2.20 min Scan# 44
Delta R.T. 0.00 min
Lab File: BF115254.D
Acq: 28 Jun 2019 00:28

Tgt Ion: 88 Resp: 134
Ion Ratio Lower Upper
88 100
58 96.3 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

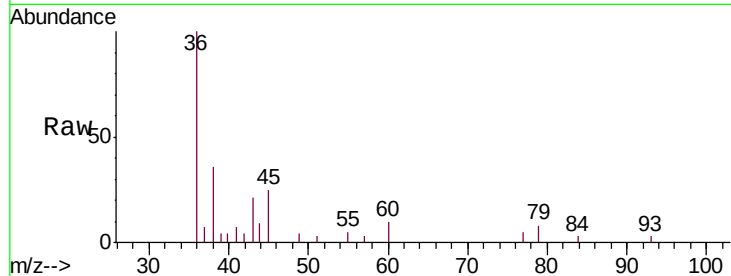




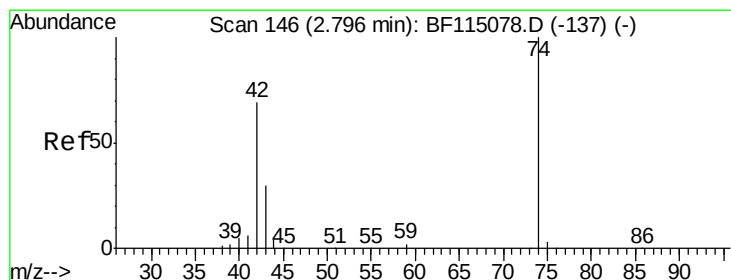
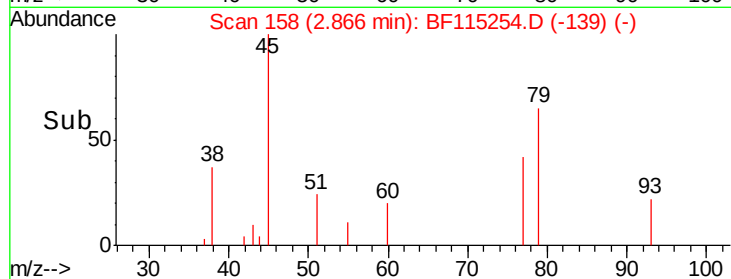
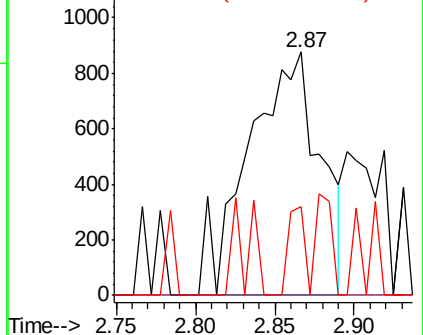
#3
Pyridine
Concen: 0.137 ng
RT: 2.87 min Scan# 158
Delta R.T. 0.01 min
Lab File: BF115254.D
Acq: 28 Jun 2019 00:28

Instrument :
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TRIANGLE-AREA-SOIL-C

Tgt Ion: 79 Resp: 2761
Ion Ratio Lower Upper
79 100
52 0.0 52.3 78.5#
51 36.5 26.1 39.1

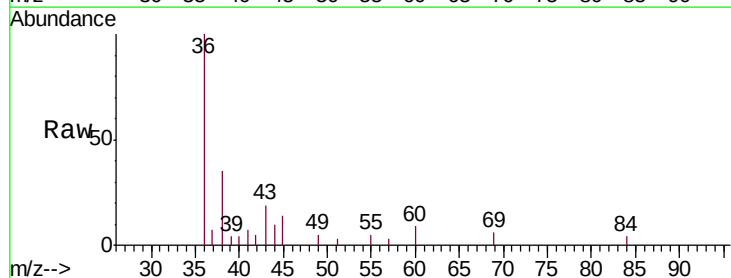


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

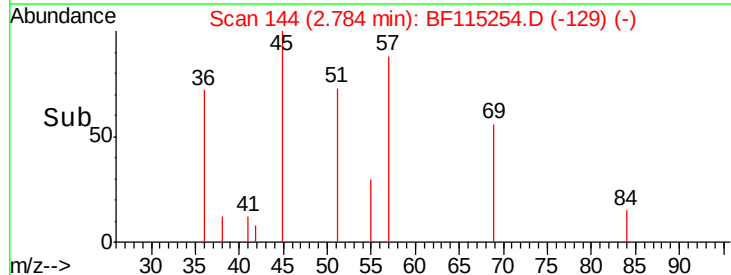
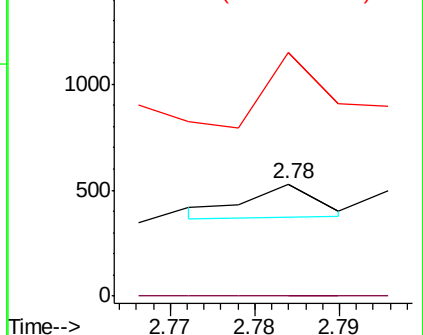


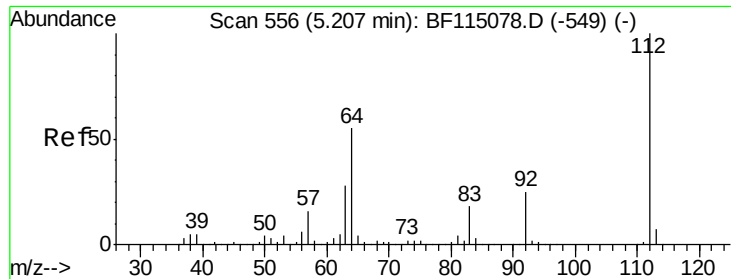
#4
n-Nitrosodimethylamine
Concen: 0.012 ng
RT: 2.78 min Scan# 144
Delta R.T. -0.01 min
Lab File: BF115254.D
Acq: 28 Jun 2019 00:28

Tgt Ion: 42 Resp: 91
Ion Ratio Lower Upper
42 100
74 0.0 116.6 175.0#
44 217.0 5.3 7.9#



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





#5

2-Fluorophenol

Concen: 96.931 ng

RT: 5.20 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF115254.D

Acq: 28 Jun 2019 00:28

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-C

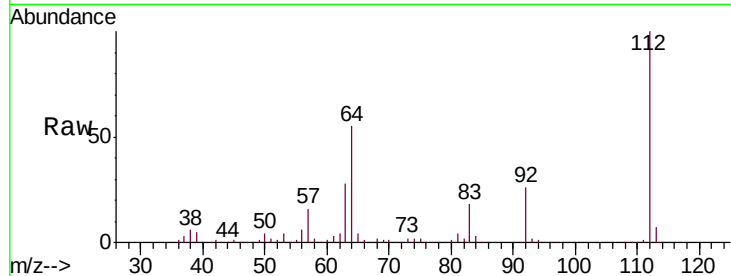
Tgt Ion: 112 Resp: 1468707

Ion Ratio Lower Upper

112 100

64 55.2 43.8 65.6

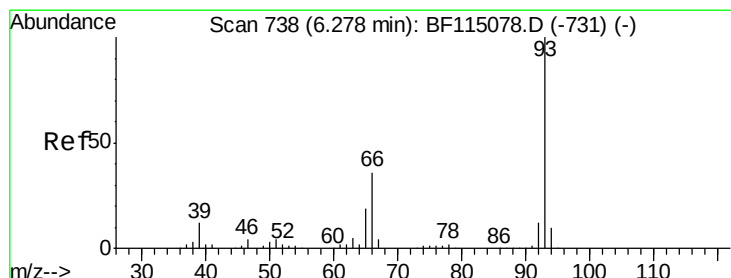
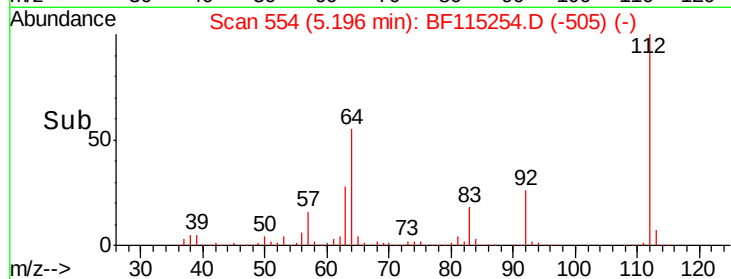
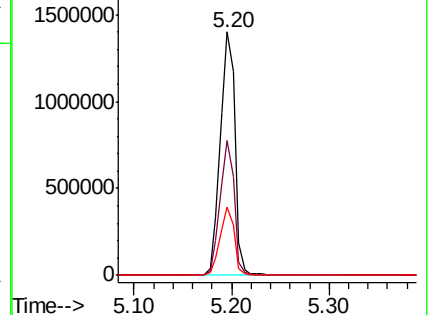
63 27.9 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 0.025 ng

RT: 6.25 min Scan# 733

Delta R.T. -0.03 min

Lab File: BF115254.D

Acq: 28 Jun 2019 00:28

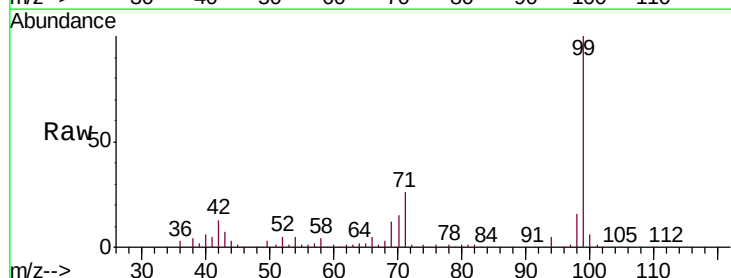
Tgt Ion: 93 Resp: 639

Ion Ratio Lower Upper

93 100

66 3623.1 30.0 45.0#

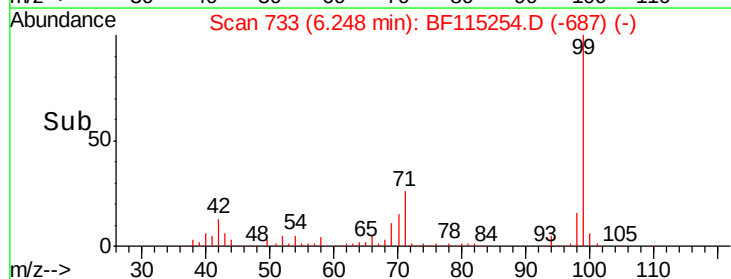
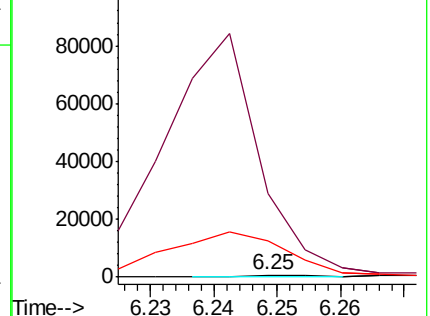
65 1553.3 15.6 23.4#

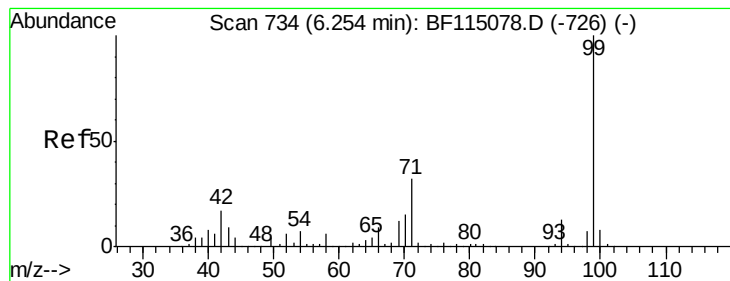


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 99.584 ng

RT: 6.24 min Scan# 732

Delta R.T. -0.01 min

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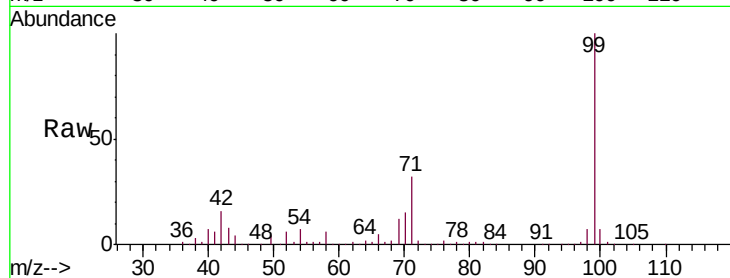
Tgt Ion: 99 Resp: 1831446

Ion Ratio Lower Upper

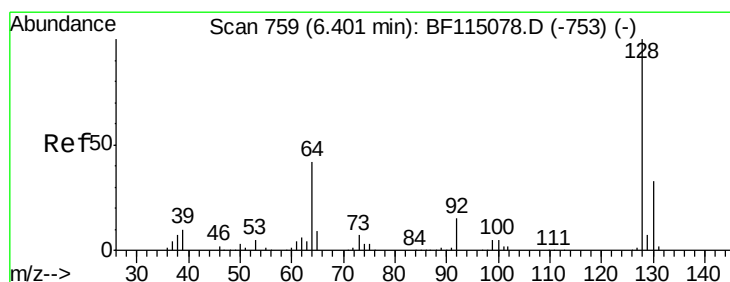
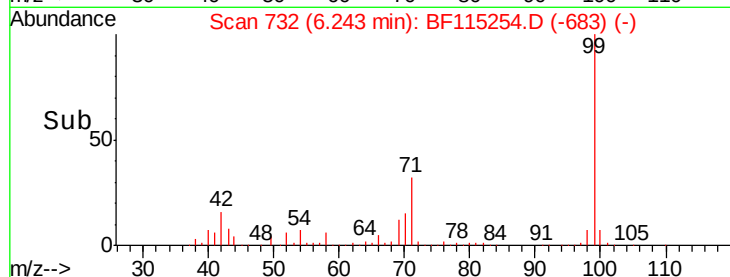
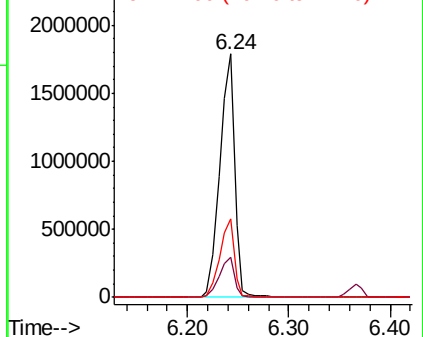
99 100

42 16.3 13.6 20.4

71 32.2 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: 0.026 ng

RT: 6.38 min Scan# 756

Delta R.T. -0.02 min

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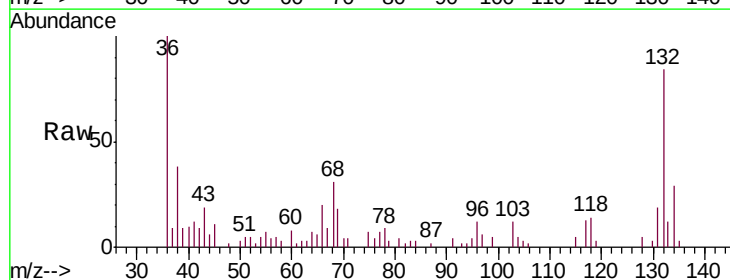
Tgt Ion: 128 Resp: 446

Ion Ratio Lower Upper

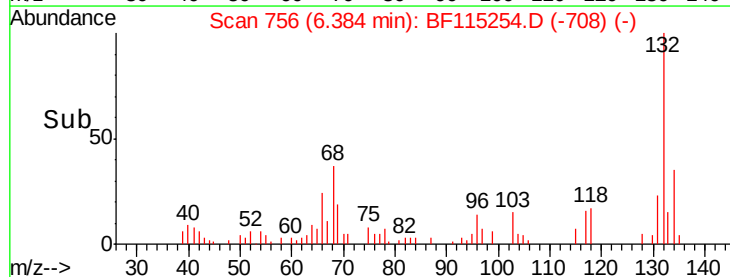
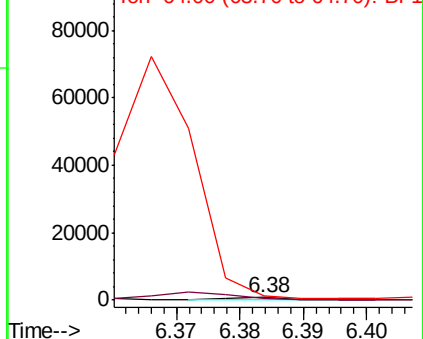
128 100

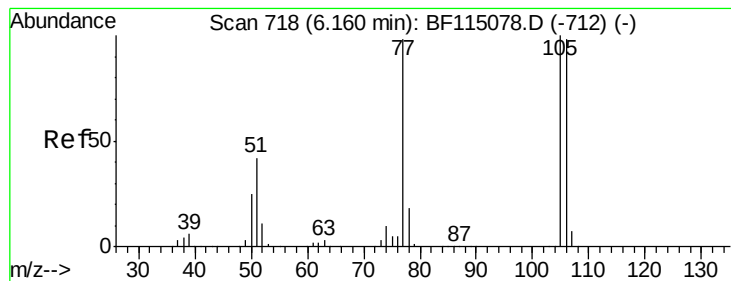
130 65.1 12.9 52.9#

64 162.2 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: 0.304 ng

RT: 6.14 min Scan# 714

Delta R.T. -0.02 min

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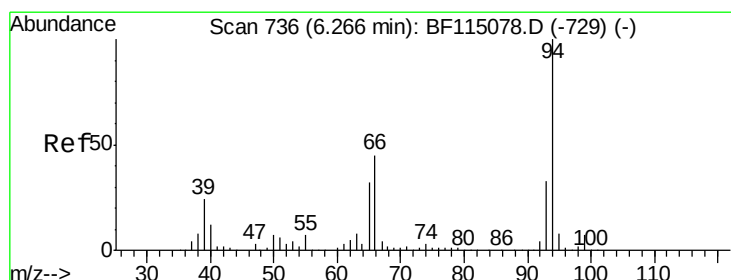
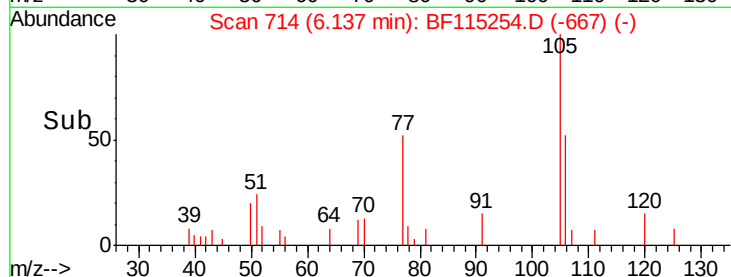
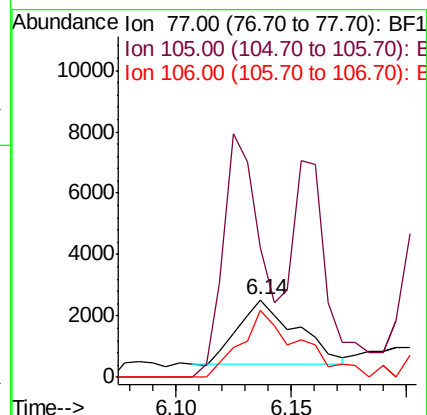
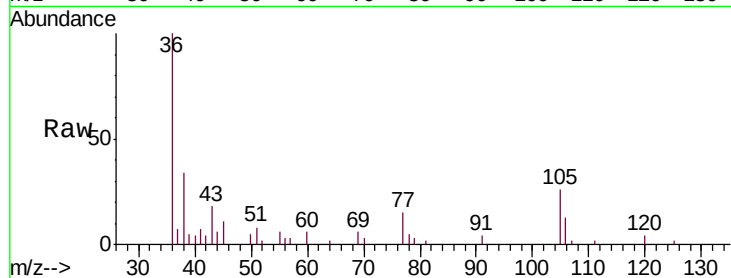
Tgt Ion: 77 Resp: 3644

Ion Ratio Lower Upper

77 100

105 167.4 81.5 121.5#

106 86.7 79.7 119.7



#10

Phenol

Concen: 1.102 ng

RT: 6.25 min Scan# 733

Delta R.T. -0.02 min

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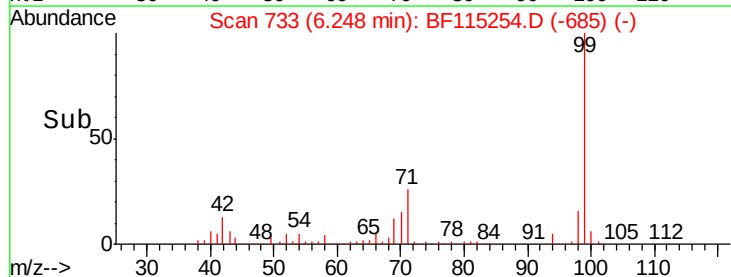
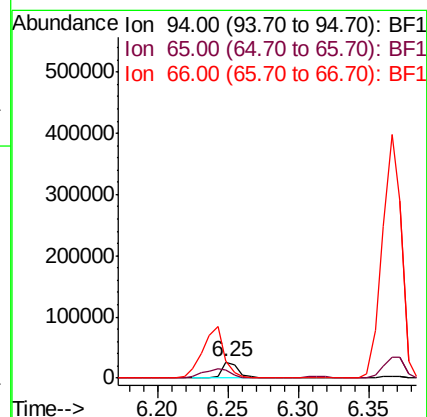
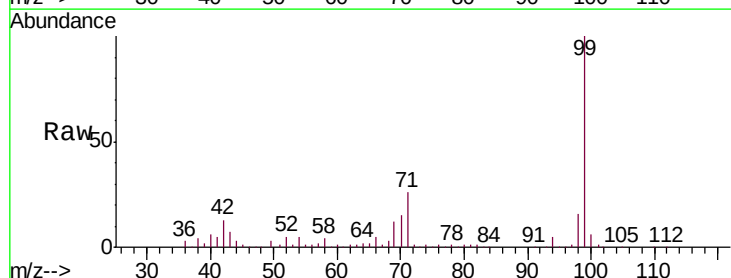
Tgt Ion: 94 Resp: 23746

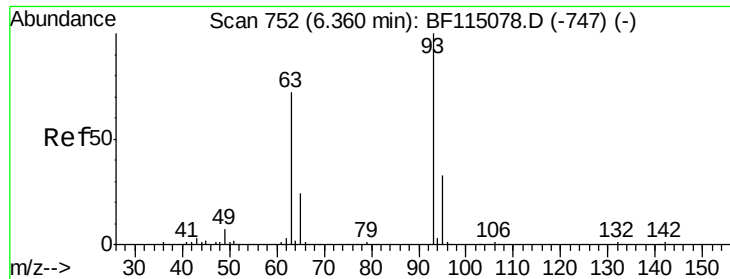
Ion Ratio Lower Upper

94 100

65 47.4 11.9 51.9

66 110.5 25.2 65.2#

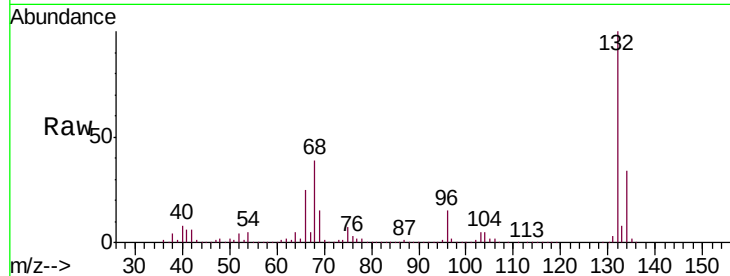




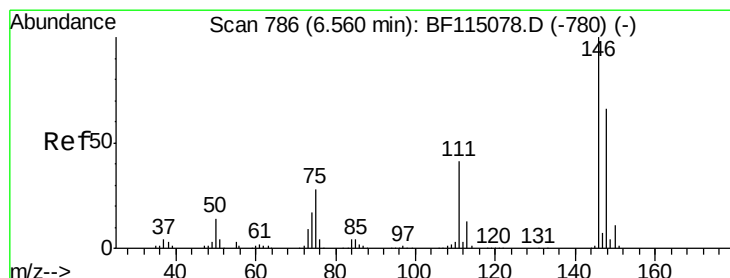
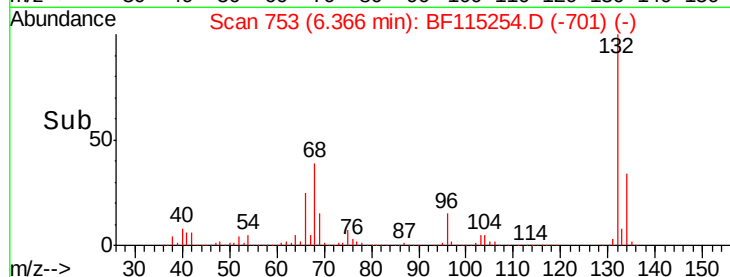
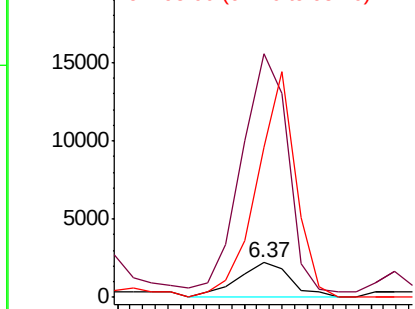
#11
bis(2-Chloroethyl)ether
Concen: 0.166 ng
RT: 6.37 min Scan# 753
Delta R.T. 0.01 min
Lab File: BF115254.D
Acq: 28 Jun 2019 00:28

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

Tgt Ion: 93 Resp: 2630
Ion Ratio Lower Upper
93 100
63 706.9 51.5 91.5#
95 436.3 13.4 53.4#

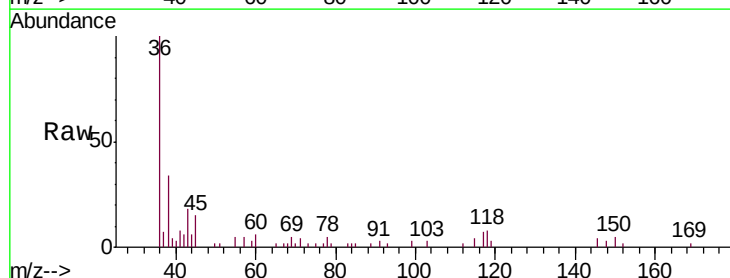


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

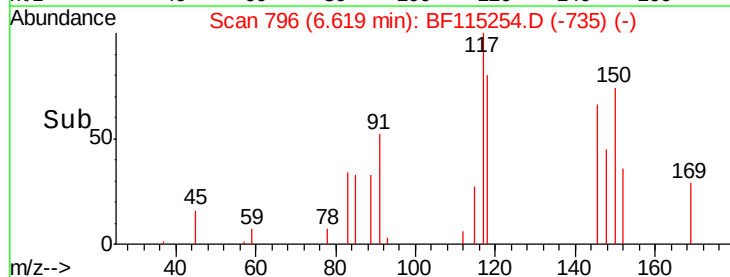
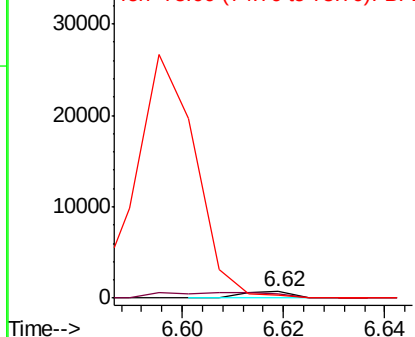


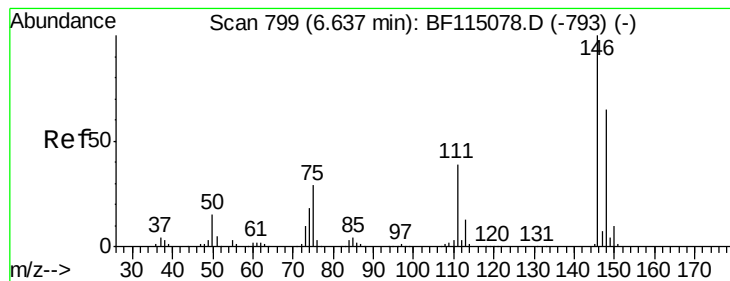
#12
1,3-Dichlorobenzene
Concen: 0.024 ng
RT: 6.62 min Scan# 796
Delta R.T. 0.06 min
Lab File: BF115254.D
Acq: 28 Jun 2019 00:28

Tgt Ion: 146 Resp: 447
Ion Ratio Lower Upper
146 100
148 67.9 52.6 78.8
75 46.2 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: 0.024 ng

RT: 6.62 min Scan# 796

Delta R.T. -0.02 min

Lab File: BF115254.D

Acq: 28 Jun 2019 00:28

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-C

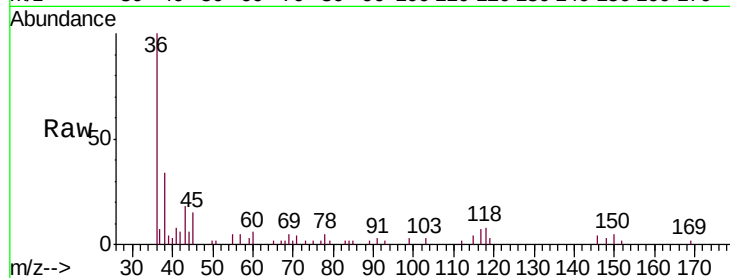
Tgt Ion:146 Resp: 447

Ion Ratio Lower Upper

146 100

148 67.9 51.9 77.9

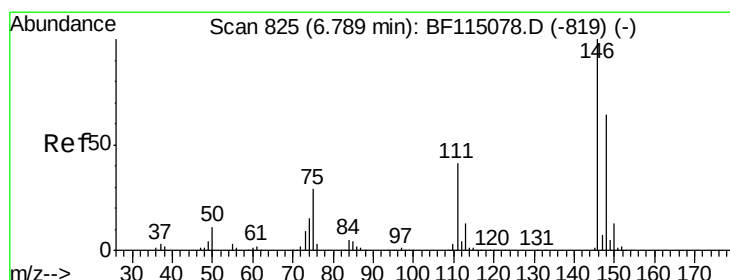
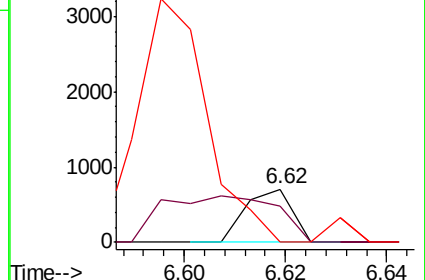
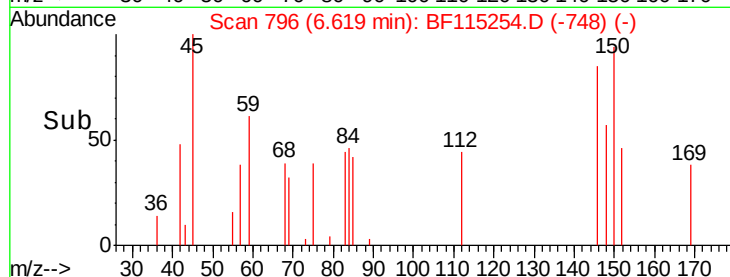
111 0.0 31.4 47.0#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 0.013 ng

RT: 6.77 min Scan# 822

Delta R.T. -0.02 min

Lab File: BF115254.D

Acq: 28 Jun 2019 00:28

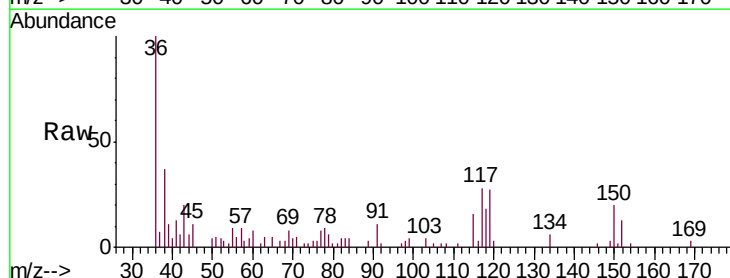
Tgt Ion:146 Resp: 228

Ion Ratio Lower Upper

146 100

148 0.0 51.1 76.7#

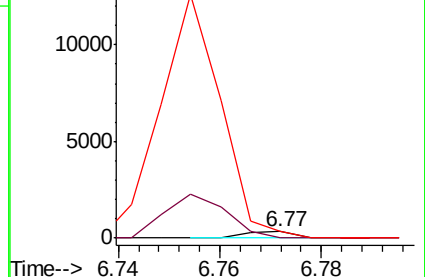
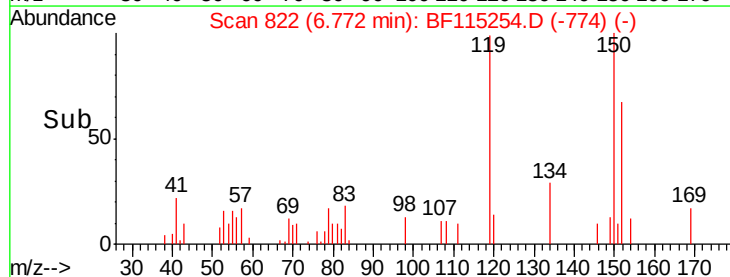
111 100.3 33.2 49.8#

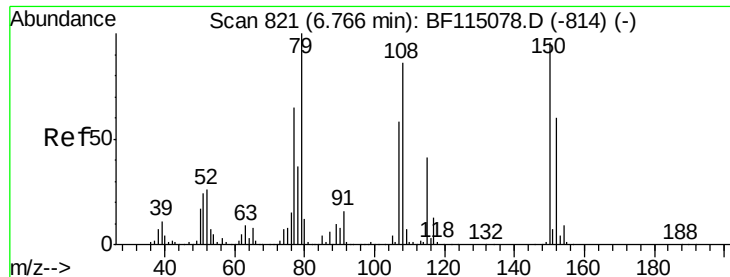


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 1.597 ng

RT: 6.75 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF115254.D

Acq: 28 Jun 2019 00:28

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-C

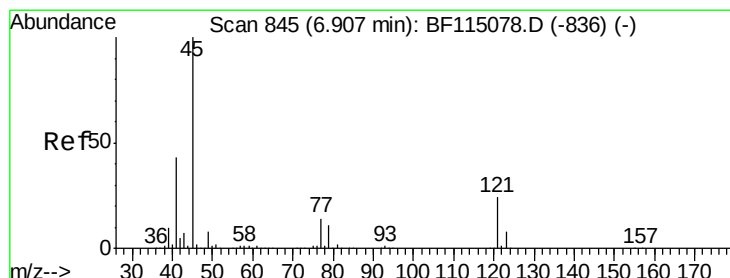
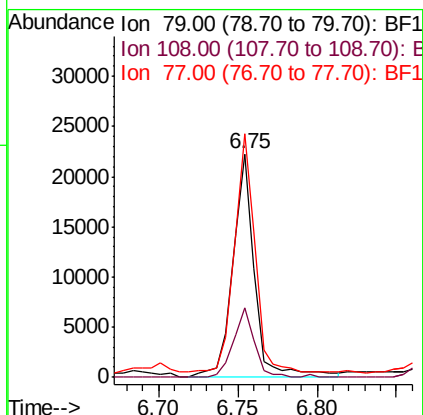
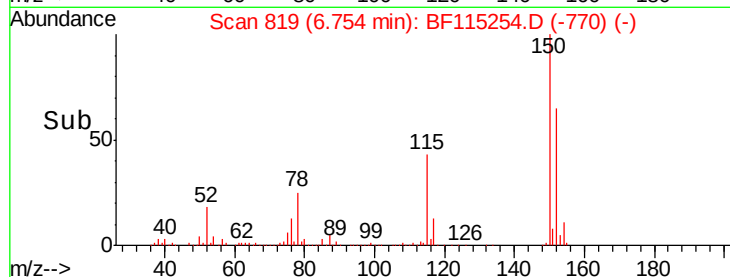
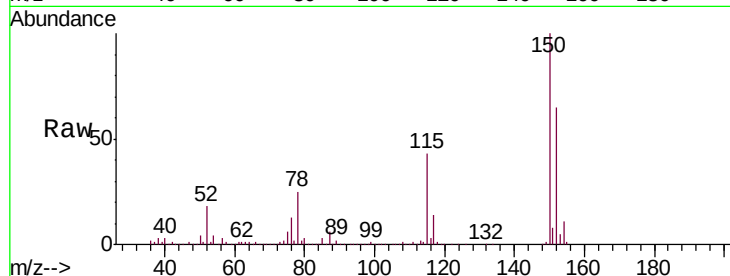
Tgt Ion: 79 Resp: 21390

Ion Ratio Lower Upper

79 100

108 31.3 68.7 103.1#

77 109.1 51.7 77.5#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.091 ng

RT: 6.95 min Scan# 852

Delta R.T. 0.04 min

Lab File: BF115254.D

Acq: 28 Jun 2019 00:28

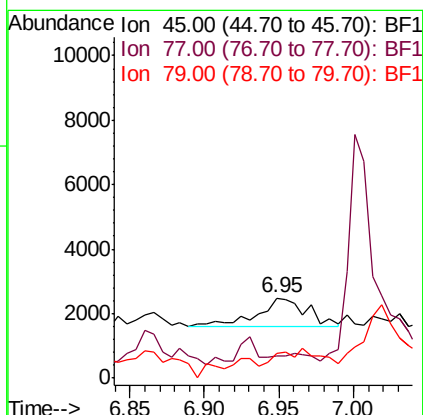
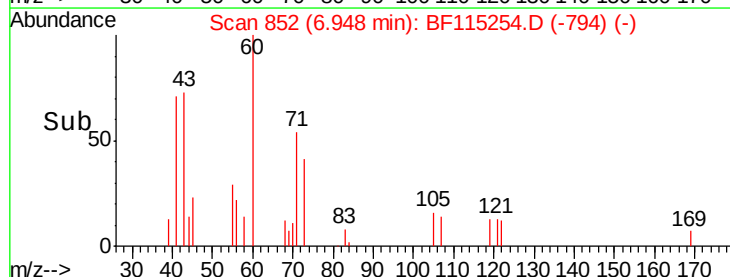
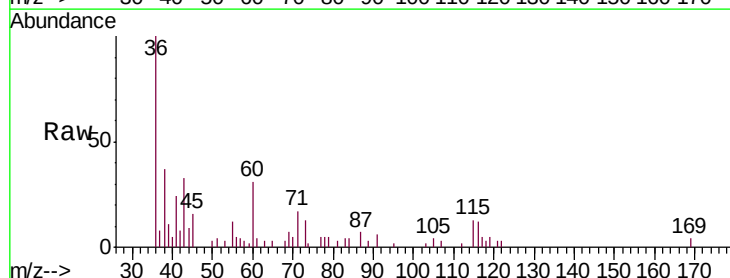
Tgt Ion: 45 Resp: 2096

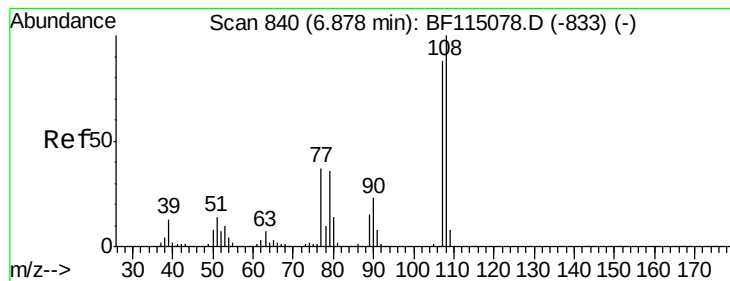
Ion Ratio Lower Upper

45 100

77 27.7 0.0 34.6

79 30.3 0.0 31.2





#17

2-Methylphenol

Concen: 0.627 ng

RT: 7.02 min Scan# 864

Delta R.T. 0.14 min

Lab File: BF115254.D

Acq: 28 Jun 2019 00:28

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-C

Tgt Ion:107 Resp: 8820

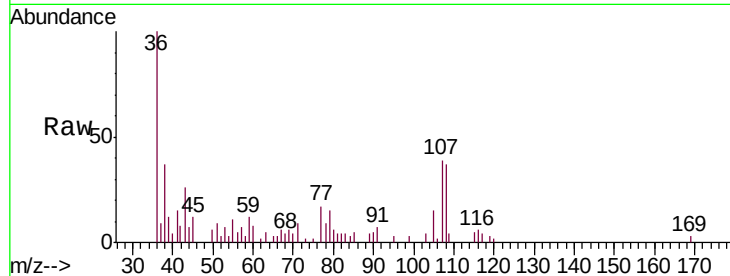
Ion Ratio Lower Upper

107 100

108 96.6 90.9 136.3

77 45.2 33.4 50.2

79 40.2 32.3 48.5



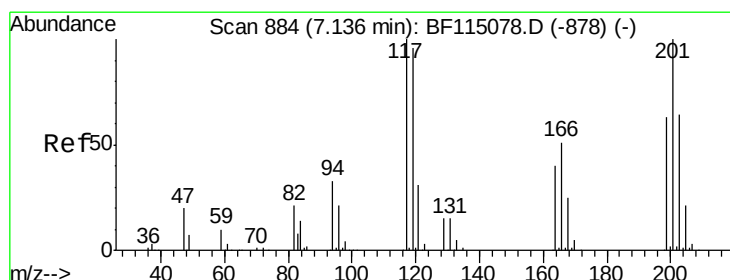
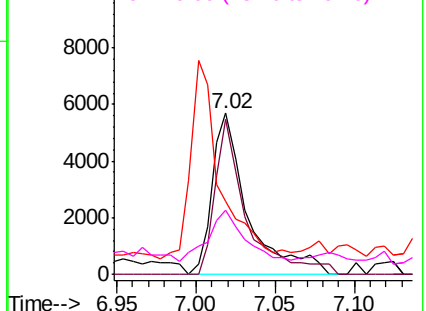
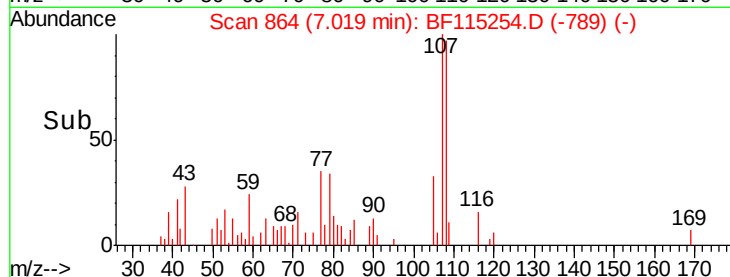
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 0.674 ng

RT: 7.12 min Scan# 881

Delta R.T. -0.02 min

Lab File: BF115254.D

Acq: 28 Jun 2019 00:28

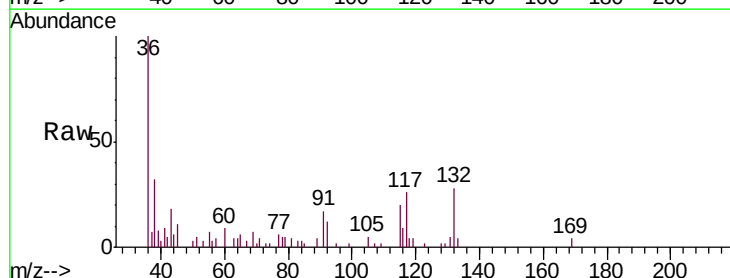
Tgt Ion:117 Resp: 4609

Ion Ratio Lower Upper

117 100

119 14.7 76.6 114.8#

201 0.0 80.2 120.2#

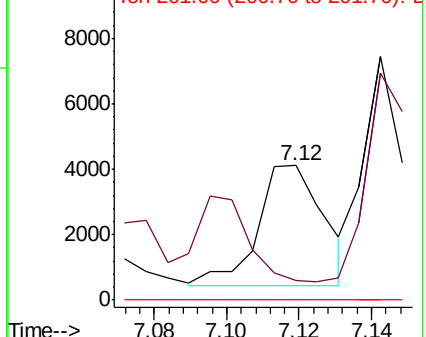
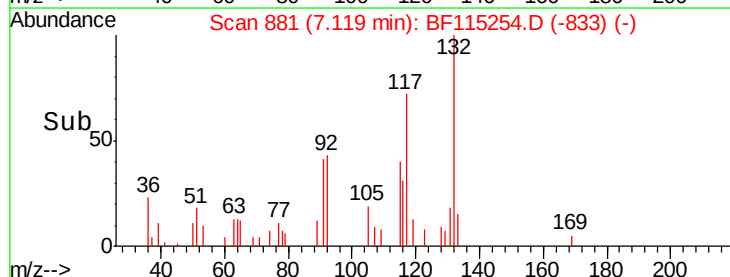


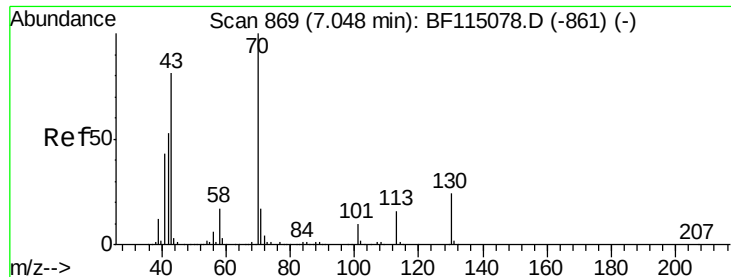
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

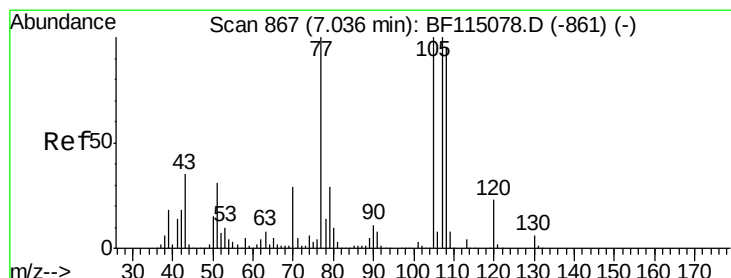
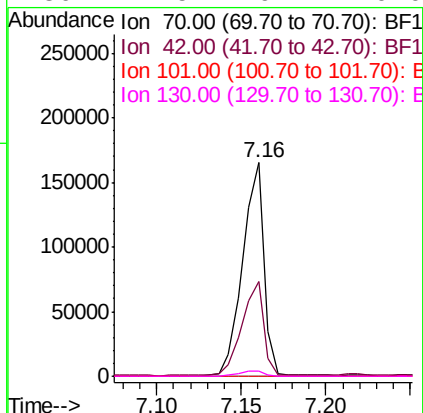
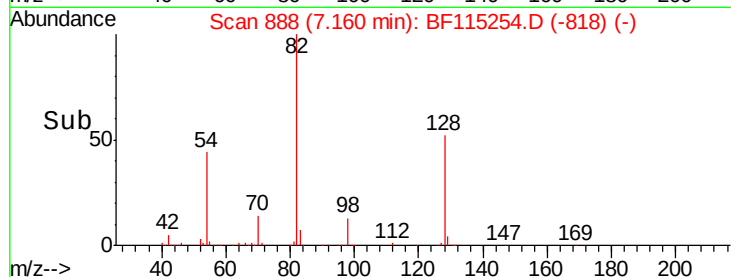
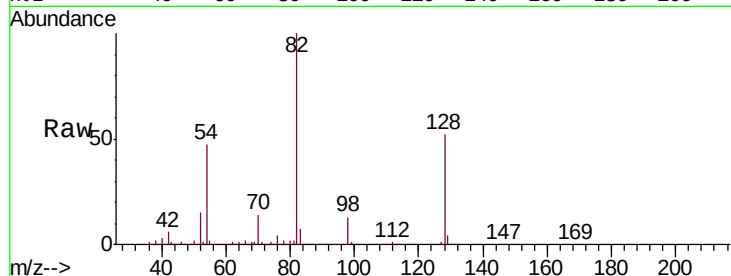




#19
n-Nitroso-di-n-propylamine
Concen: 12.366 ng
RT: 7.16 min Scan# 888
Delta R.T. 0.11 min
Lab File: BF115254.D
Acq: 28 Jun 2019 00:28

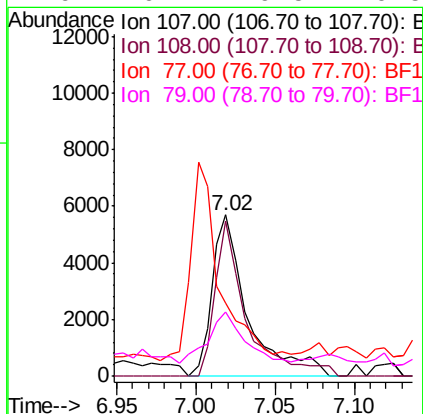
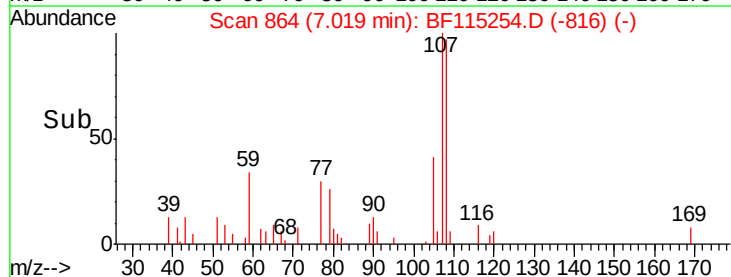
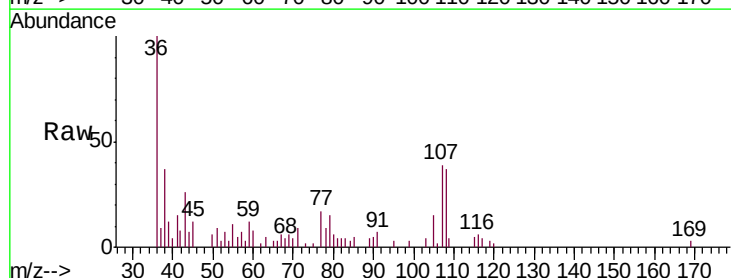
Instrument :
BNA_F
ClientSampleId :
TRIANGLE-AREA-SOIL-C

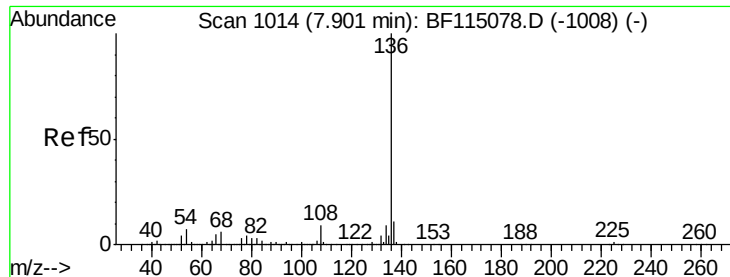
Tgt Ion: 70 Resp: 145597
Ion Ratio Lower Upper
70 100
42 44.4 42.6 63.8
101 0.0 8.0 12.0#
130 2.5 19.4 29.0#



#20
3+4-Methylphenols
Concen: 0.543 ng
RT: 7.02 min Scan# 864
Delta R.T. -0.02 min
Lab File: BF115254.D
Acq: 28 Jun 2019 00:28

Tgt Ion:107 Resp: 8820
Ion Ratio Lower Upper
107 100
108 96.6 75.5 115.5
77 45.2 80.2 120.2#
79 40.2 9.5 49.5

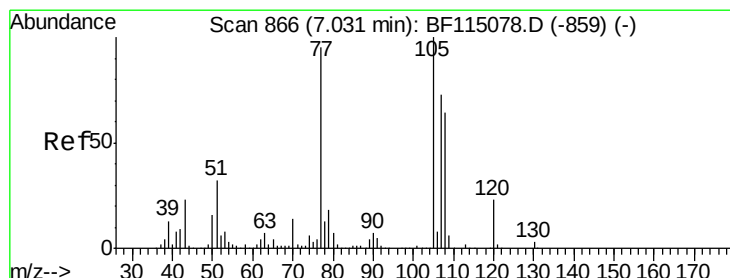
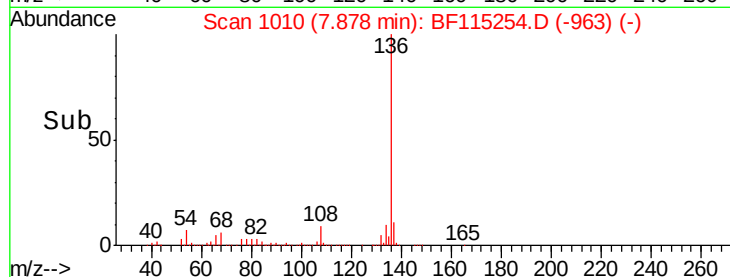
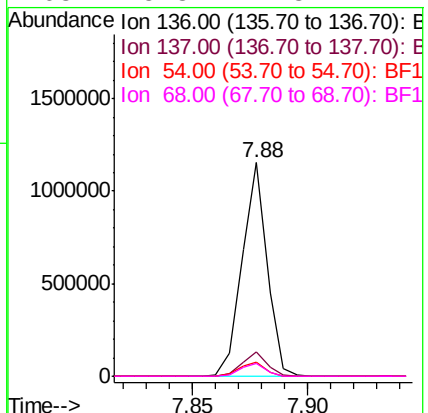
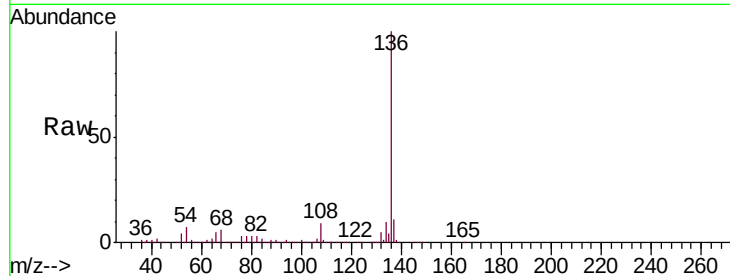




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BF115254.D
Acq: 28 Jun 2019 00:28

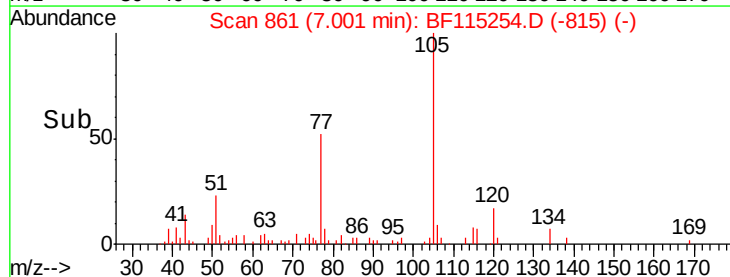
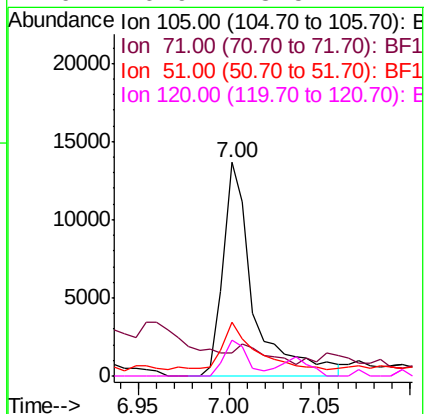
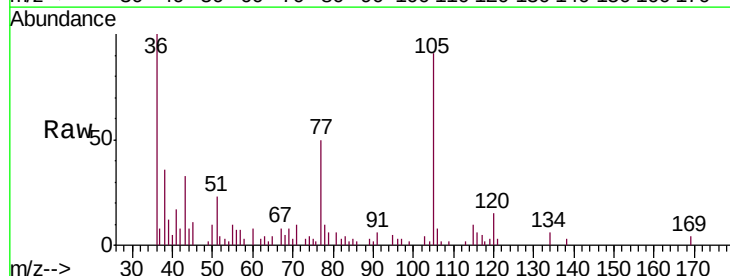
Instrument :
BNA_F
ClientSampleId :
TRIANGLE-AREA-SOIL-C

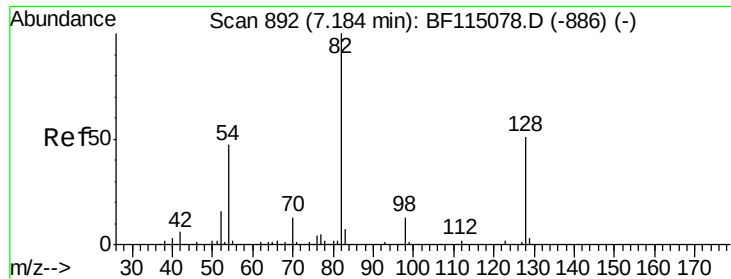
Tgt Ion:	136	Resp:	872325
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	6.6	5.6	8.4
68	5.8	4.8	7.2



#22
Acetophenone
Concen: 0.798 ng
RT: 7.00 min Scan# 861
Delta R.T. -0.03 min
Lab File: BF115254.D
Acq: 28 Jun 2019 00:28

Tgt Ion:	105	Resp:	15938
Ion	Ratio	Lower	Upper
105	100		
71	10.6	1.9	2.9#
51	25.3	25.8	38.8#
120	16.9	18.5	27.7#

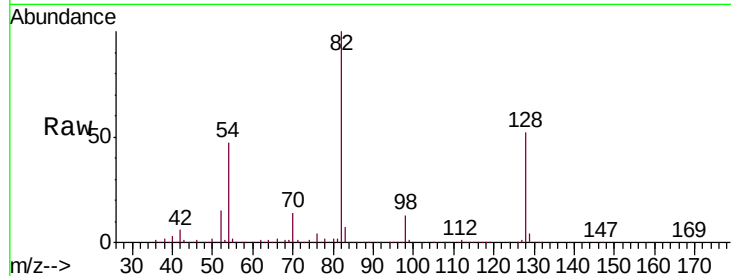




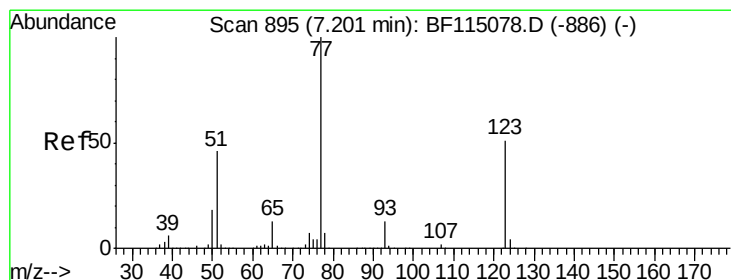
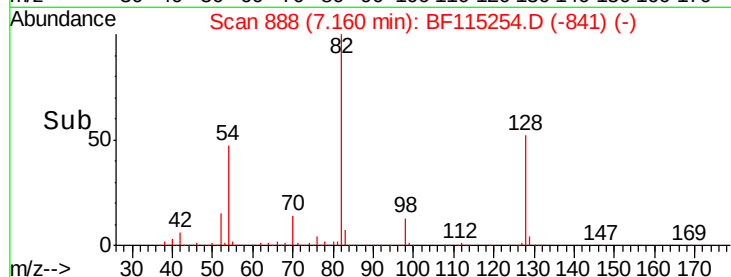
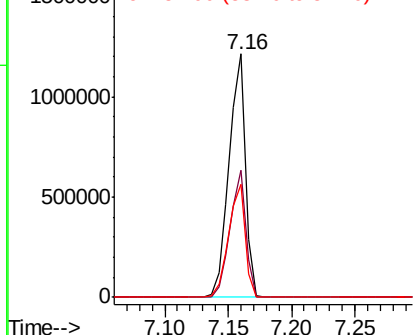
#23
 Nitrobenzene-d5
 Concen: 76.433 ng
 RT: 7.16 min Scan# 888
 Delta R.T. -0.02 min
 Lab File: BF115254.D
 Acq: 28 Jun 2019 00:28

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

Tgt Ion: 82 Resp: 1083868
 Ion Ratio Lower Upper
 82 100
 128 52.2 40.4 60.6
 54 46.5 37.5 56.3

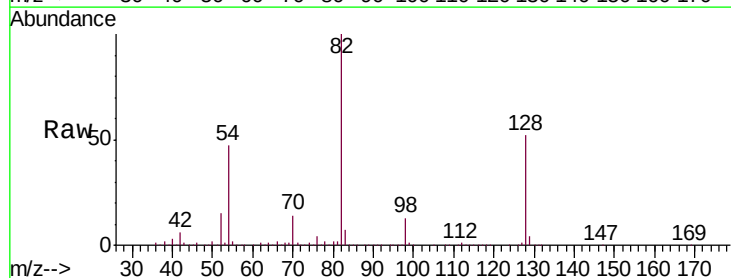


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

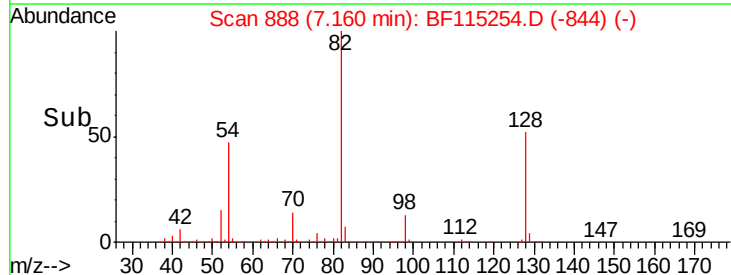
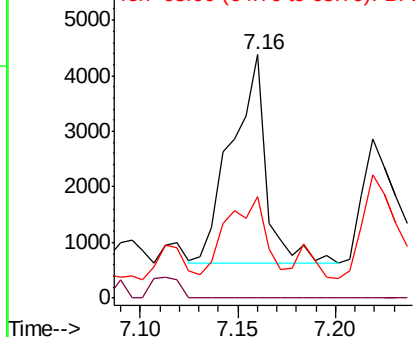


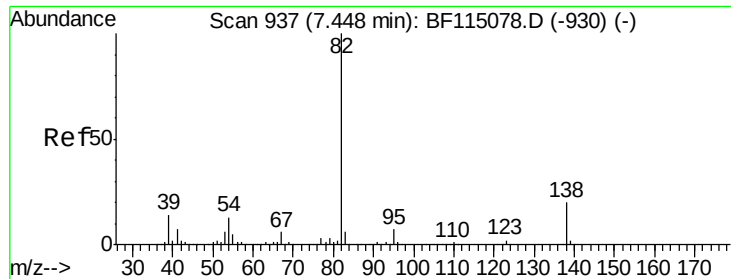
#24
 Nitrobenzene
 Concen: 0.298 ng
 RT: 7.16 min Scan# 888
 Delta R.T. -0.04 min
 Lab File: BF115254.D
 Acq: 28 Jun 2019 00:28

Tgt Ion: 77 Resp: 4663
 Ion Ratio Lower Upper
 77 100
 123 0.0 41.0 61.6#
 65 41.5 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: 37.003 ng

RT: 7.16 min Scan# 888

Delta R.T. -0.29 min

Lab File: BF115254.D

Acq: 28 Jun 2019 00:28

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-C

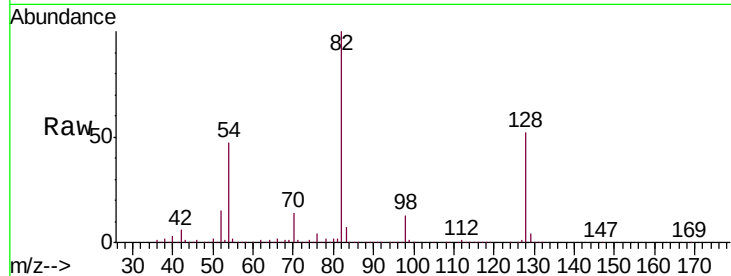
Tgt Ion: 82 Resp: 1074929

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

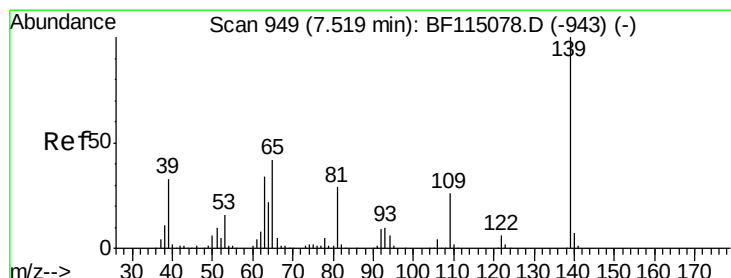
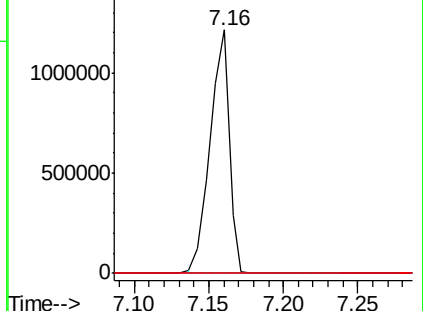
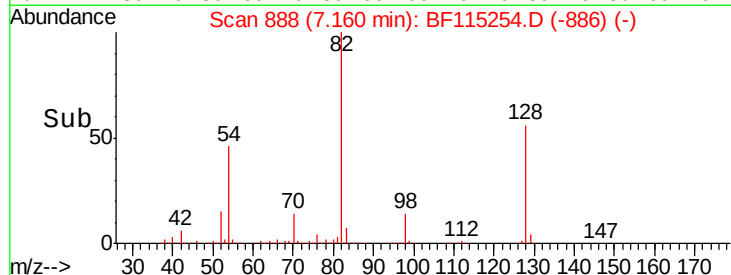
138 0.0 15.9 23.9#



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): BF1



#26

2-Nitrophenol

Concen: 0.133 ng

RT: 7.45 min Scan# 938

Delta R.T. -0.06 min

Lab File: BF115254.D

Acq: 28 Jun 2019 00:28

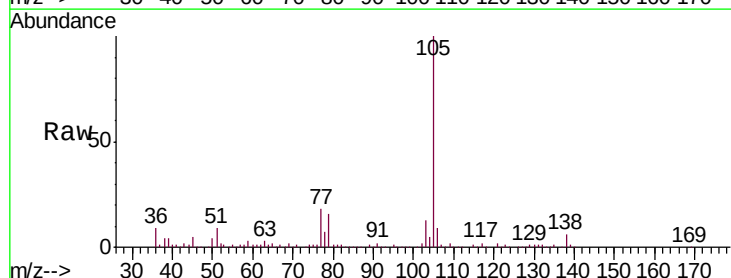
Tgt Ion: 139 Resp: 1028

Ion Ratio Lower Upper

139 100

109 326.6 20.4 30.6#

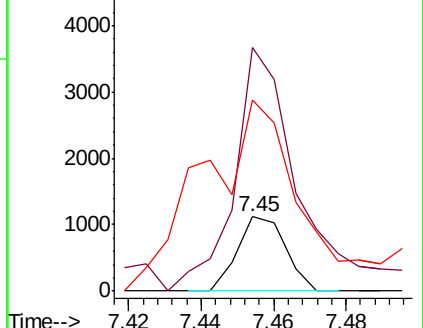
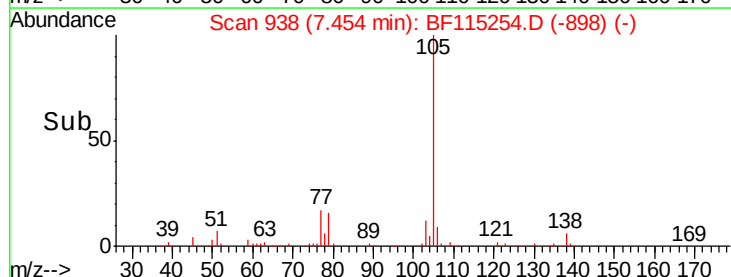
65 255.7 33.6 50.4#

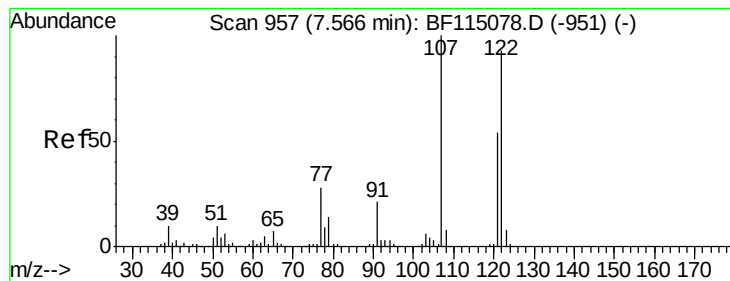


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 0.115 ng

RT: 7.54 min Scan# 953

Delta R.T. -0.02 min

Lab File: BF115254.D

Acq: 28 Jun 2019 00:28

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-C

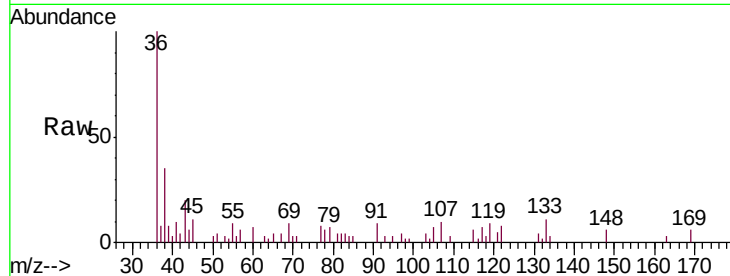
Tgt Ion:122 Resp: 1456

Ion Ratio Lower Upper

122 100

107 128.8 85.8 128.6#

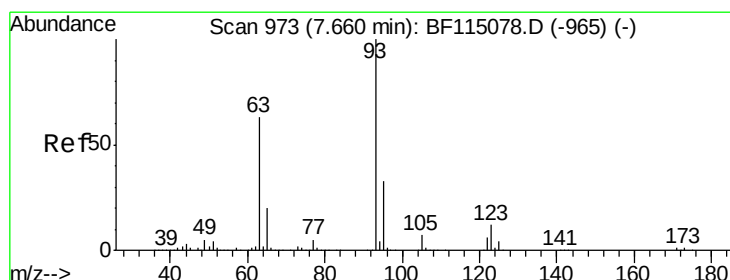
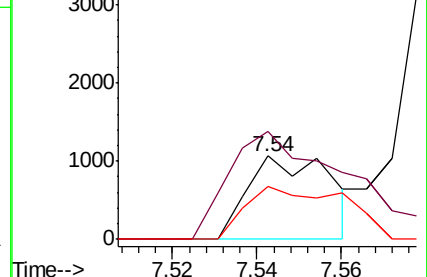
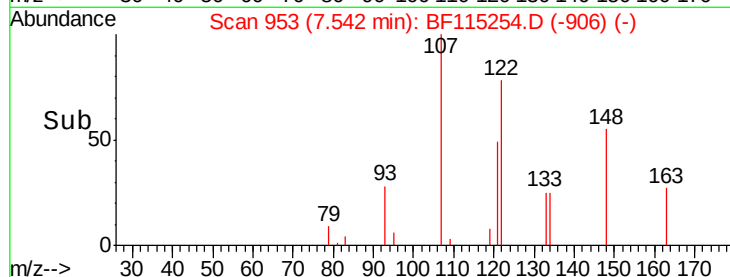
121 63.2 46.3 69.5



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: 0.032 ng

RT: 7.62 min Scan# 967

Delta R.T. -0.04 min

Lab File: BF115254.D

Acq: 28 Jun 2019 00:28

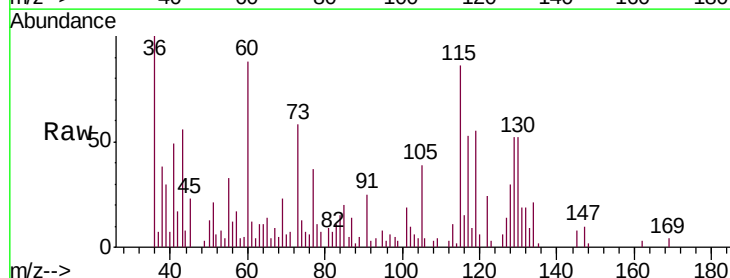
Tgt Ion: 93 Resp: 579

Ion Ratio Lower Upper

93 100

95 211.2 26.2 39.4#

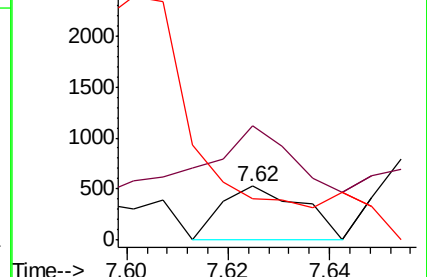
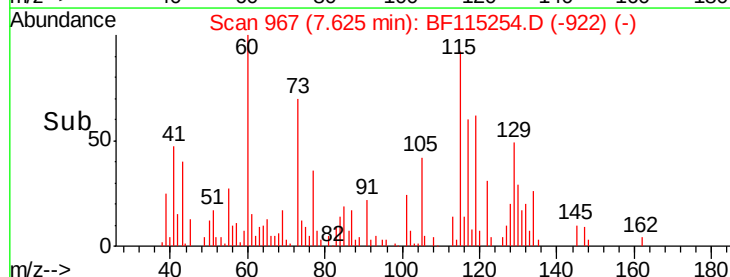
123 77.5 9.7 14.5#

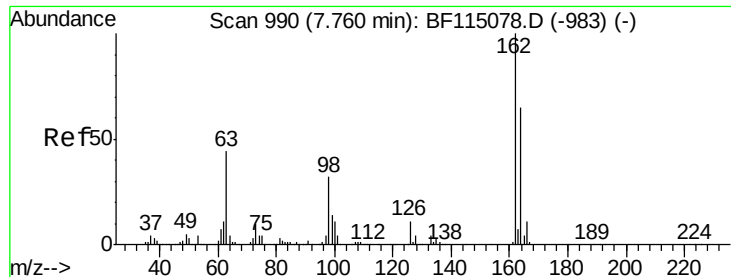


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

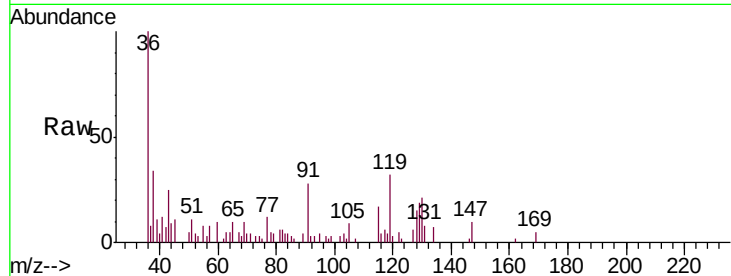




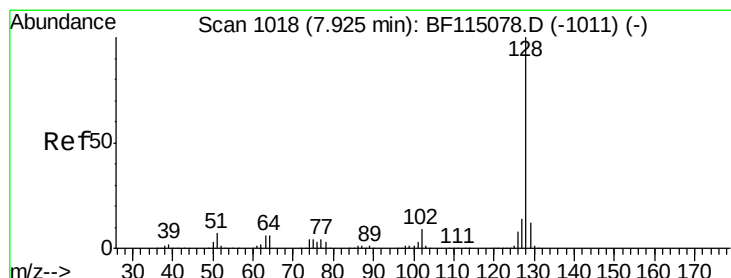
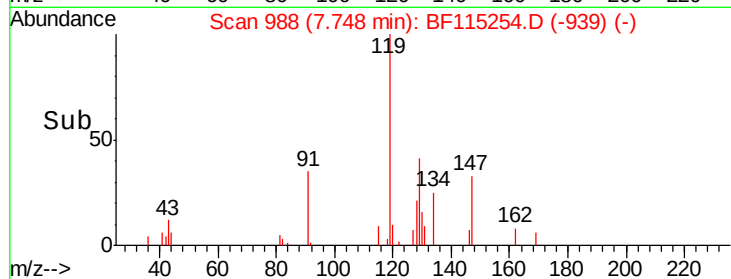
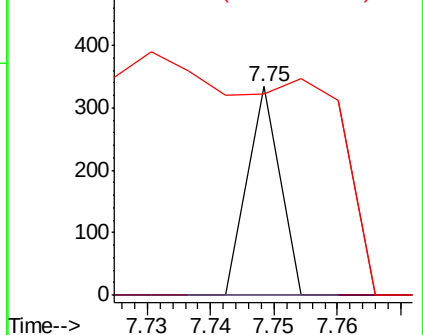
#29
2,4-Dichlorophenol
Concen: 0.009 ng
RT: 7.75 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF115254.D
Acq: 28 Jun 2019 00:28

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

Tgt Ion:162 Resp: 118
Ion Ratio Lower Upper
162 100
164 0.0 45.3 85.3#
98 96.4 12.5 52.5#

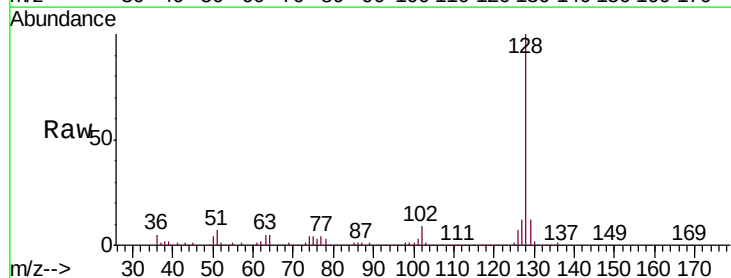


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

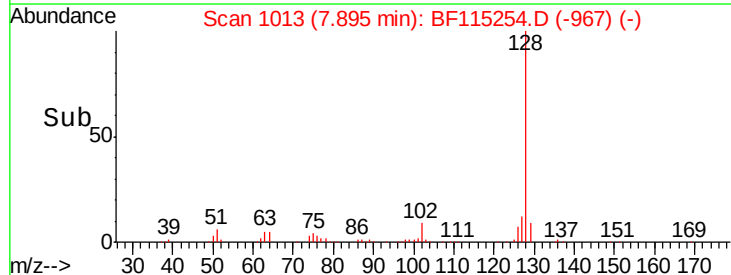
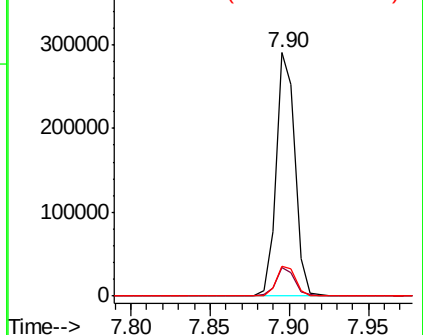


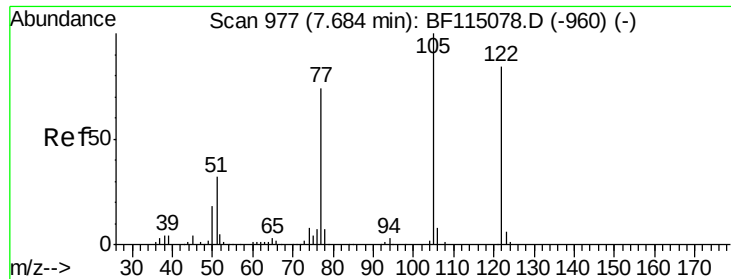
#31
Naphthalene
Concen: 5.584 ng
RT: 7.90 min Scan# 1013
Delta R.T. -0.03 min
Lab File: BF115254.D
Acq: 28 Jun 2019 00:28

Tgt Ion:128 Resp: 239095
Ion Ratio Lower Upper
128 100
129 11.7 9.6 14.4
127 12.3 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

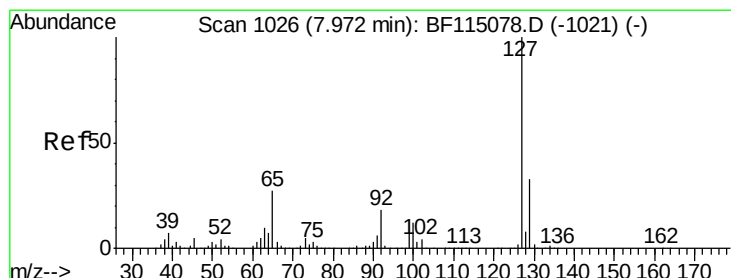
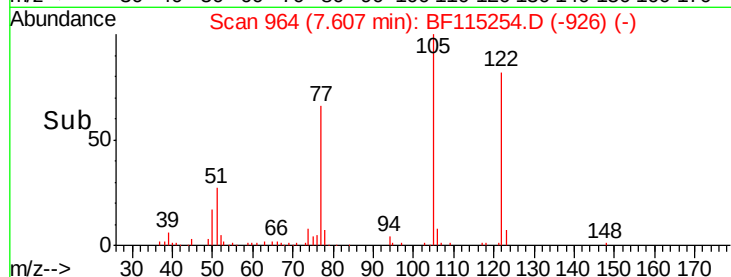
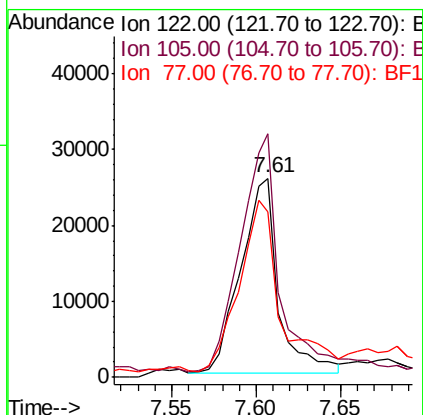
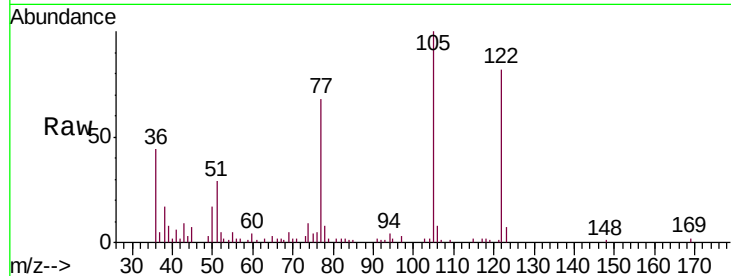




#32
Benzoic acid
Concen: 4.421 ng
RT: 7.61 min Scan# 964
Delta R.T. -0.08 min
Lab File: BF115254.D
Acq: 28 Jun 2019 00:28

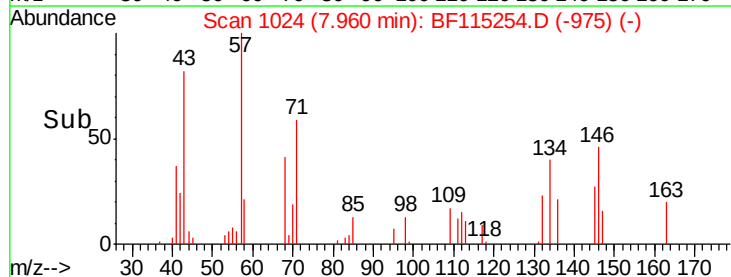
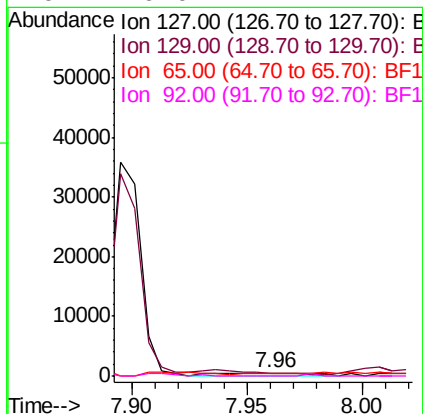
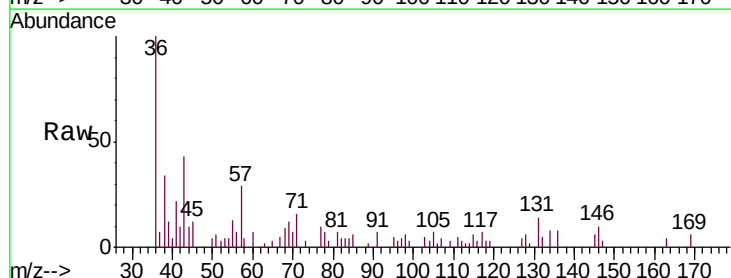
Instrument :
BNA_F
ClientSampleId :
TRIANGLE-AREA-SOIL-C

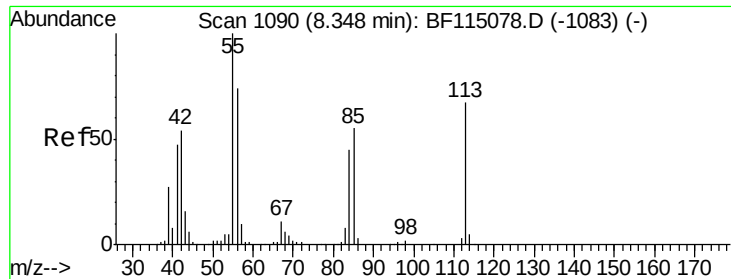
Tgt Ion:122 Resp: 39859
Ion Ratio Lower Upper
122 100
105 122.1 98.2 138.2
77 83.0 67.0 107.0



#33
4-Chloroaniline
Concen: 0.071 ng
RT: 7.96 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF115254.D
Acq: 28 Jun 2019 00:28

Tgt Ion:127 Resp: 1396
Ion Ratio Lower Upper
127 100
129 63.5 26.1 39.1#
65 84.0 21.4 32.2#
92 0.0 14.1 21.1#

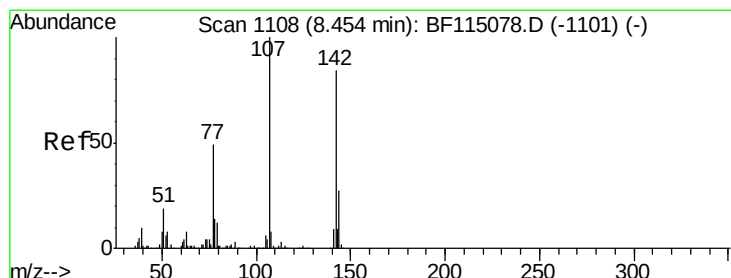
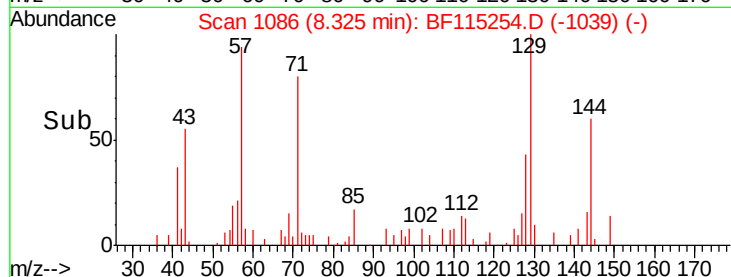
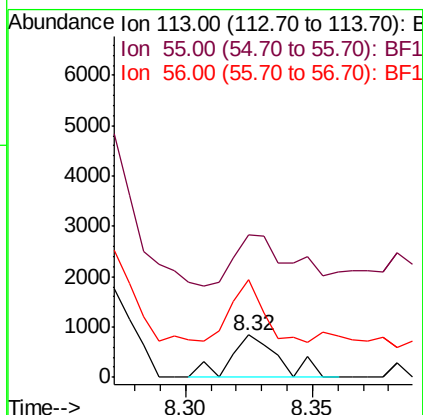
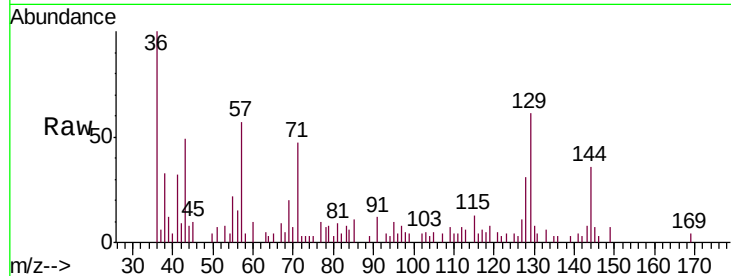




#35
 Caprolactam
 Concen: 0.248 ng
 RT: 8.32 min Scan# 1086
 Delta R.T. -0.02 min
 Lab File: BF115254.D
 Acq: 28 Jun 2019 00:28

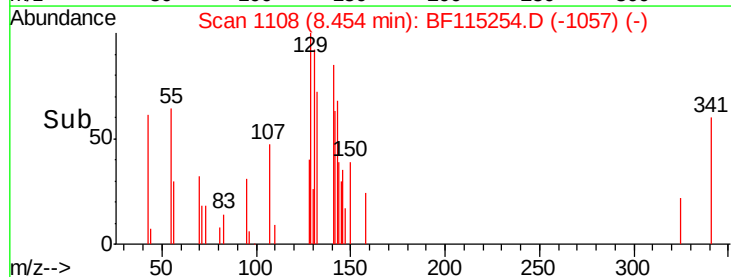
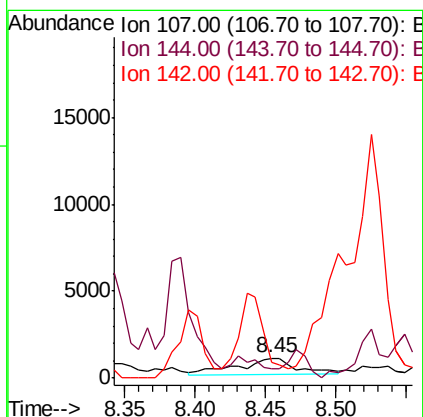
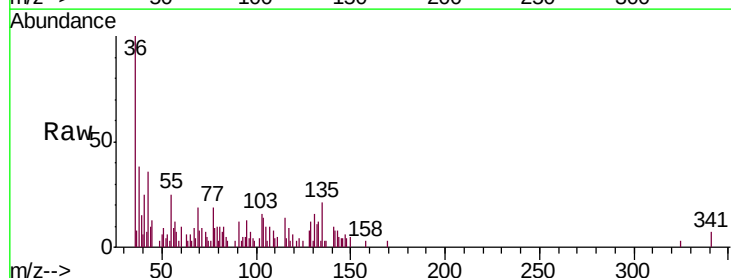
Instrument :
 BNA_F
 ClientSampleId :
 TRIANGLE-AREA-SOIL-C

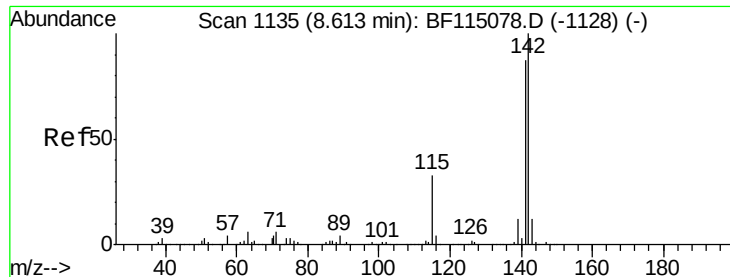
Tgt Ion:113 Resp: 1087
 Ion Ratio Lower Upper
 113 100
 55 335.8 130.2 170.2#
 56 229.6 91.6 131.6#



#36
 4-Chloro-3-methylphenol
 Concen: 0.203 ng
 RT: 8.45 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: BF115254.D
 Acq: 28 Jun 2019 00:28

Tgt Ion:107 Resp: 2679
 Ion Ratio Lower Upper
 107 100
 144 47.2 21.7 32.5#
 142 76.7 67.0 100.4

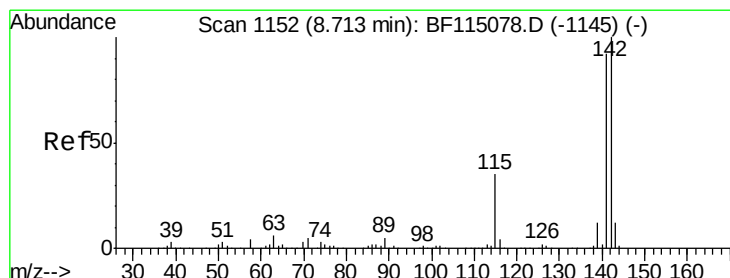
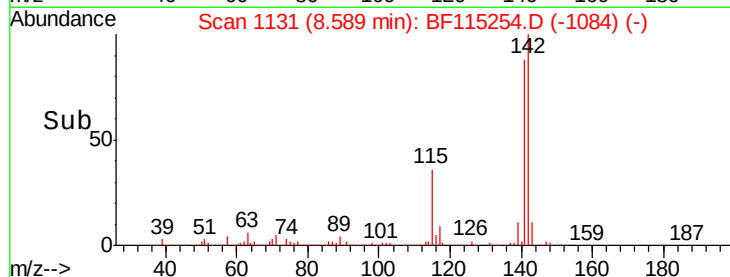
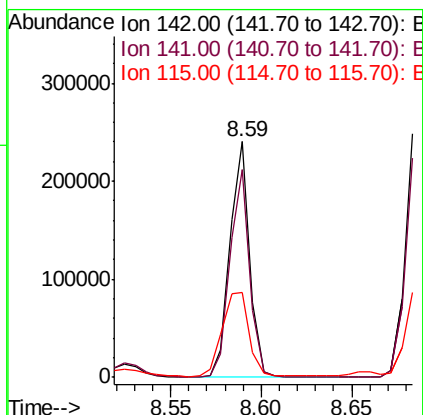
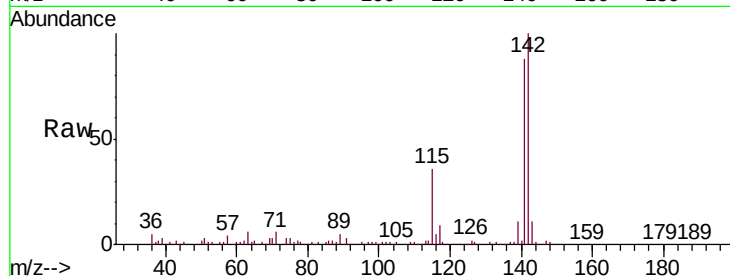




#37
2-Methylnaphthalene
Concen: 6.273 ng
RT: 8.59 min Scan# 1131
Delta R.T. -0.02 min
Lab File: BF115254.D
Acq: 28 Jun 2019 00:28

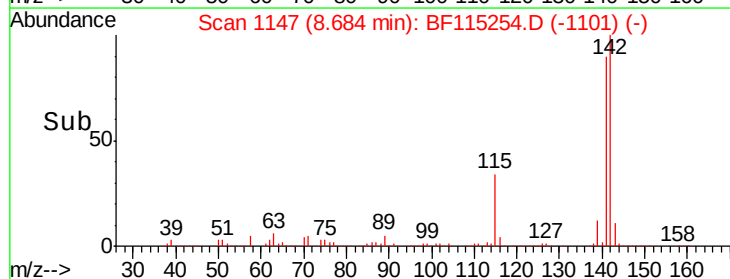
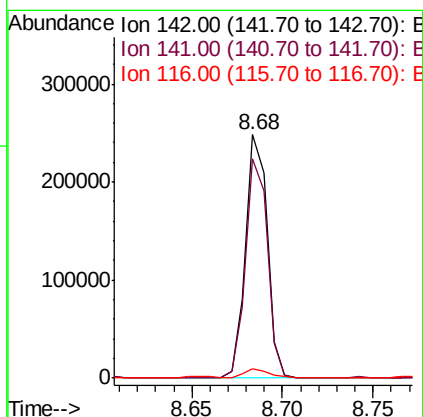
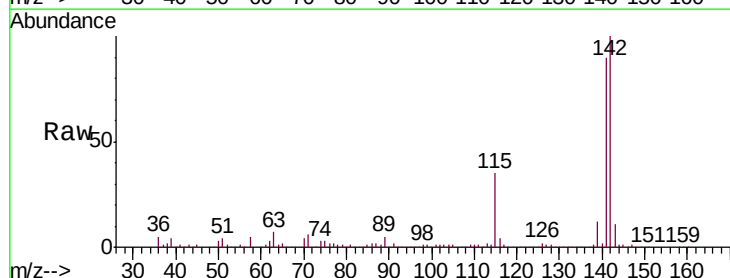
Instrument :
BNA_F
ClientSampleId :
TRIANGLE-AREA-SOIL-C

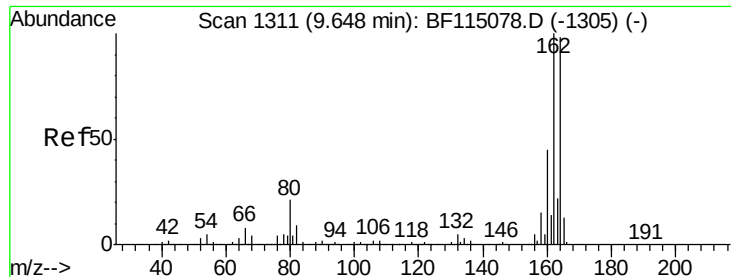
Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.2	69.8	104.6
115	36.2	26.7	40.1



#38
1-Methylnaphthalene
Concen: 7.471 ng
RT: 8.68 min Scan# 1147
Delta R.T. -0.03 min
Lab File: BF115254.D
Acq: 28 Jun 2019 00:28

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.0	73.8	110.8
116	3.8	2.8	4.2

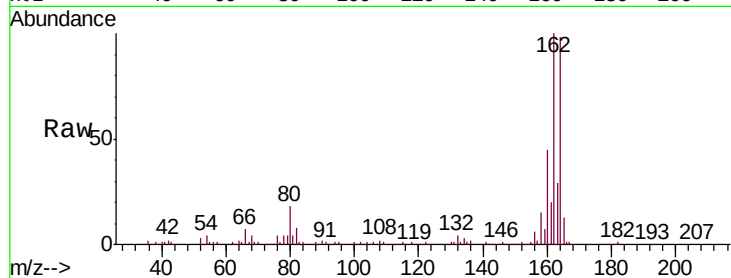




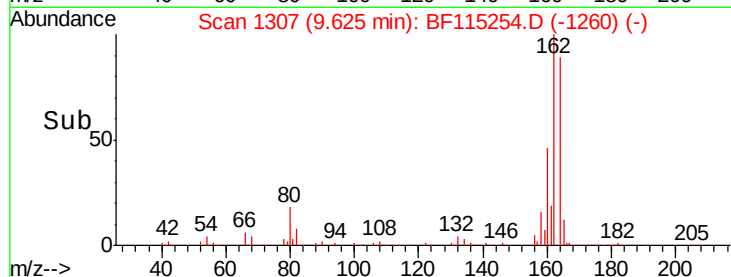
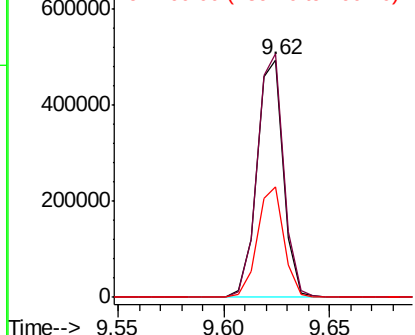
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.62 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BF115254.D
Acq: 28 Jun 2019 00:28

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

Tgt Ion:164 Resp: 433722
Ion Ratio Lower Upper
164 100
162 102.5 81.7 122.5
160 46.4 37.0 55.4

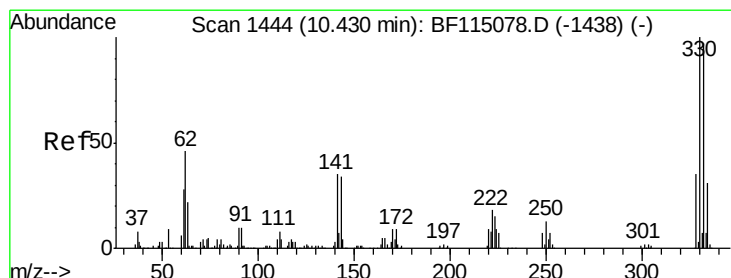


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

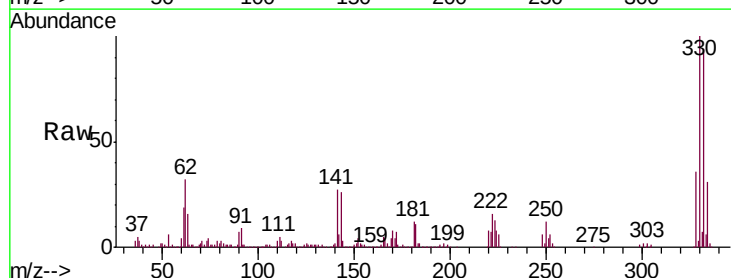
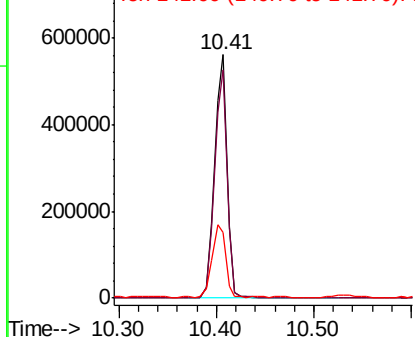


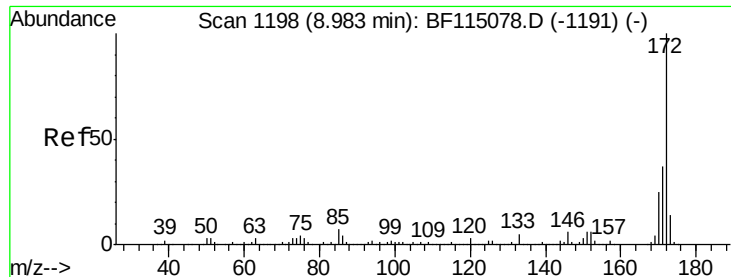
#42
2,4,6-Tribromophenol
Concen: 109.154 ng
RT: 10.41 min Scan# 1440
Delta R.T. -0.02 min
Lab File: BF115254.D
Acq: 28 Jun 2019 00:28

Tgt Ion:330 Resp: 499245
Ion Ratio Lower Upper
330 100
332 94.7 77.3 115.9
141 32.1 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

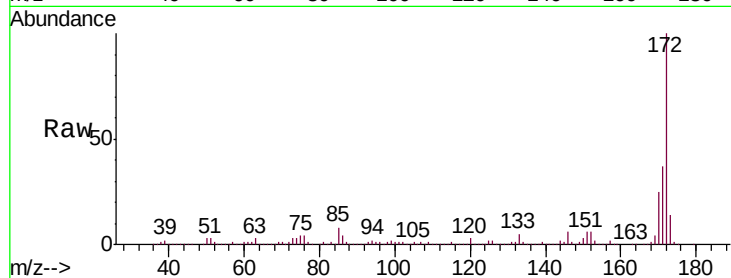




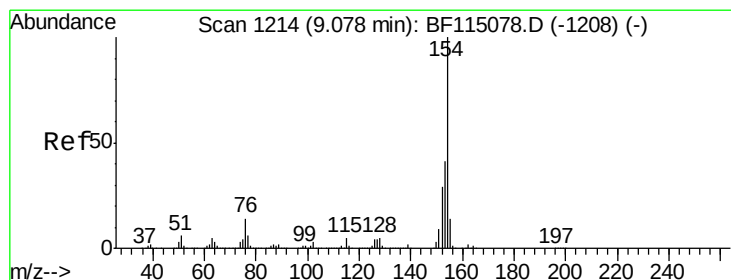
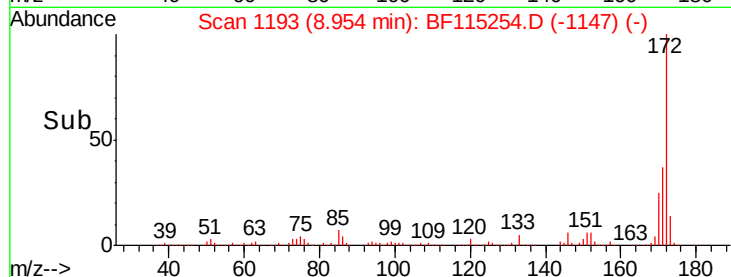
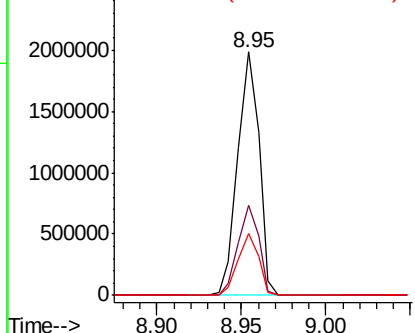
#45
2-Fluorobiphenyl
Concen: 68.463 ng
RT: 8.95 min Scan# 1193
Delta R.T. -0.03 min
Lab File: BF115254.D
Acq: 28 Jun 2019 00:28

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

Tgt Ion:172 Resp: 1748121
Ion Ratio Lower Upper
172 100
171 36.9 29.8 44.6
170 25.4 20.3 30.5

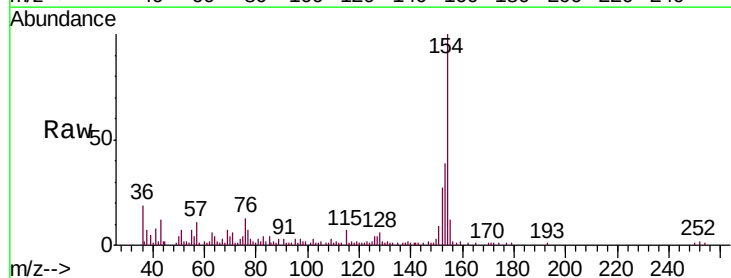


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

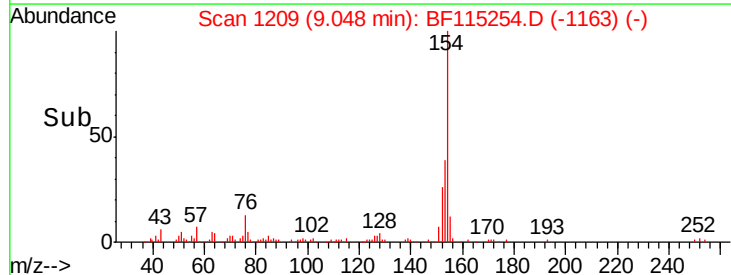
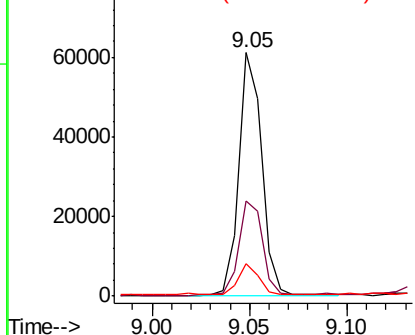


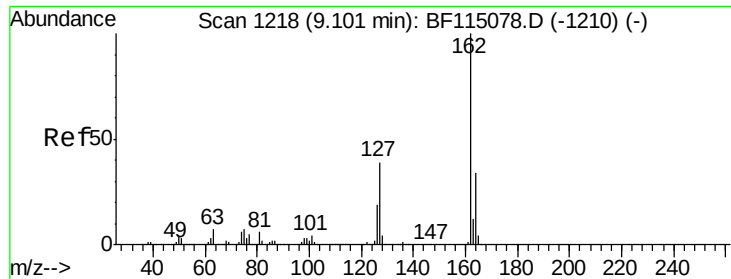
#46
1,1'-Biphenyl
Concen: 1.449 ng
RT: 9.05 min Scan# 1209
Delta R.T. -0.03 min
Lab File: BF115254.D
Acq: 28 Jun 2019 00:28

Tgt Ion:154 Resp: 50292
Ion Ratio Lower Upper
154 100
153 38.9 20.9 60.9
76 13.4 0.0 34.1



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

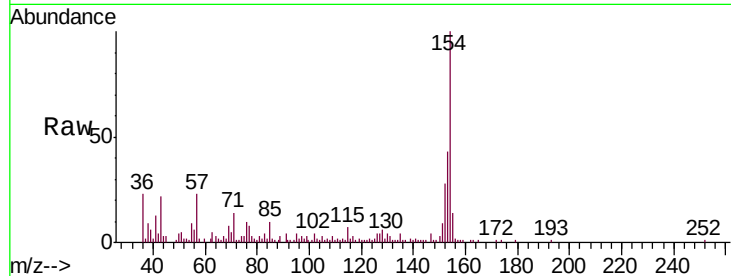




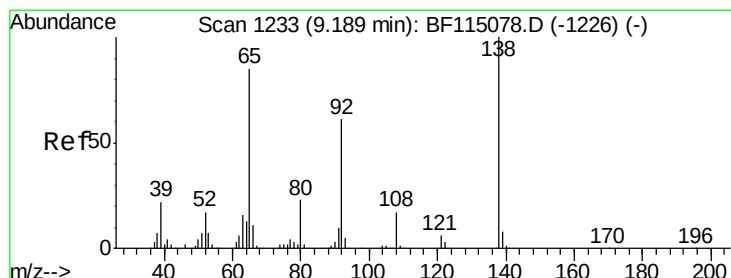
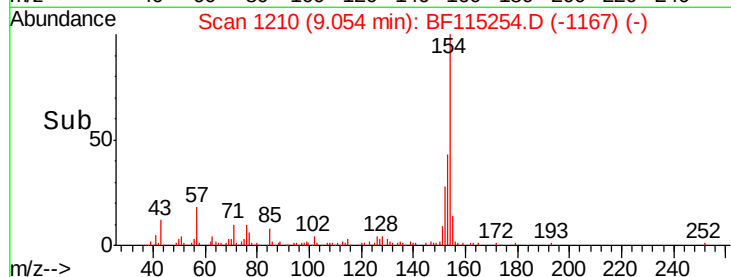
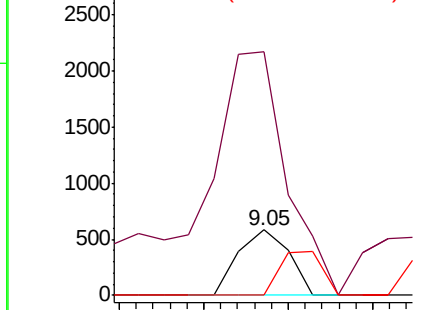
#47
 2-Chloronaphthalene
 Concen: 0.017 ng
 RT: 9.05 min Scan# 1210
 Delta R.T. -0.05 min
 Lab File: BF115254.D
 Acq: 28 Jun 2019 00:28

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

Tgt Ion: 162 Resp: 485
 Ion Ratio Lower Upper
 162 100
 127 373.5 30.8 46.2#
 164 0.0 27.0 40.4#

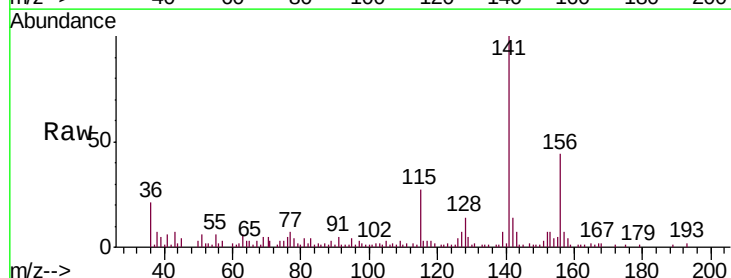


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

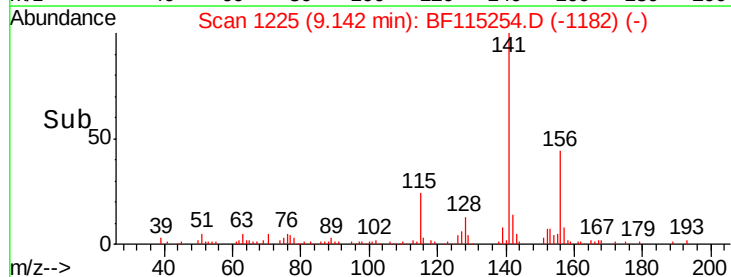
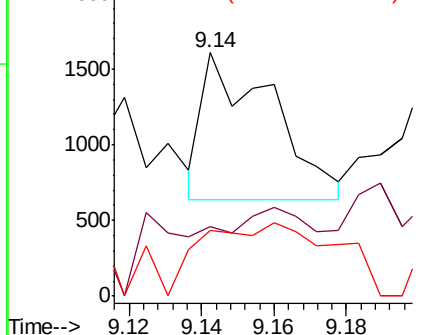


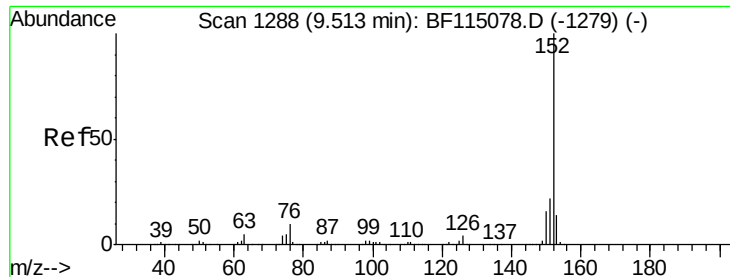
#48
 2-Nitroaniline
 Concen: 0.159 ng
 RT: 9.14 min Scan# 1225
 Delta R.T. -0.05 min
 Lab File: BF115254.D
 Acq: 28 Jun 2019 00:28

Tgt Ion: 65 Resp: 1305
 Ion Ratio Lower Upper
 65 100
 92 28.7 57.4 86.2#
 138 27.1 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: 11.958 ng

RT: 9.48 min Scan# 1283

Delta R.T. -0.03 min

Lab File: BF115254.D

Acq: 28 Jun 2019 00:28

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-C

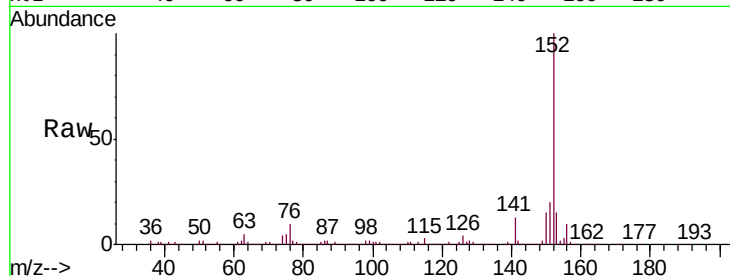
Tgt Ion:152 Resp: 524468

Ion Ratio Lower Upper

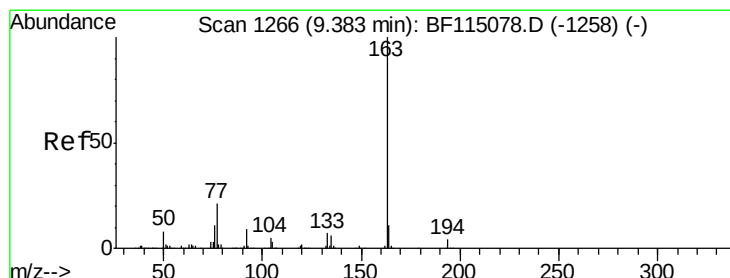
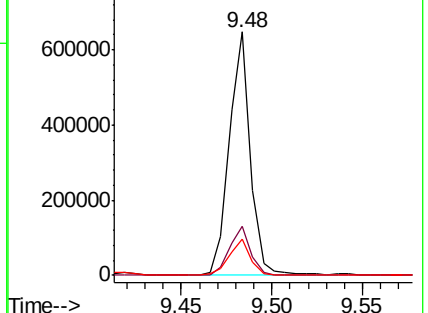
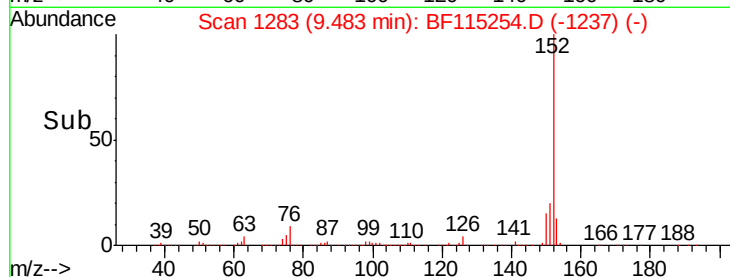
152 100

151 20.2 17.2 25.8

153 14.7 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: 10.657 ng

RT: 9.35 min Scan# 1260

Delta R.T. -0.04 min

Lab File: BF115254.D

Acq: 28 Jun 2019 00:28

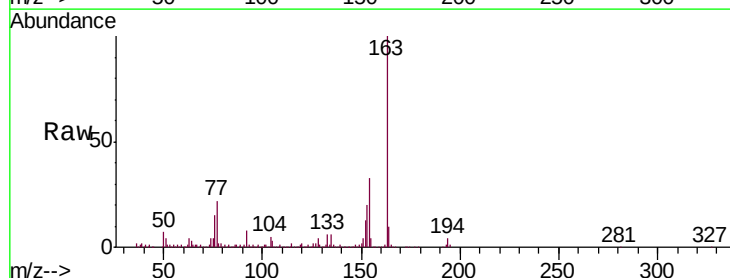
Tgt Ion:163 Resp: 340053

Ion Ratio Lower Upper

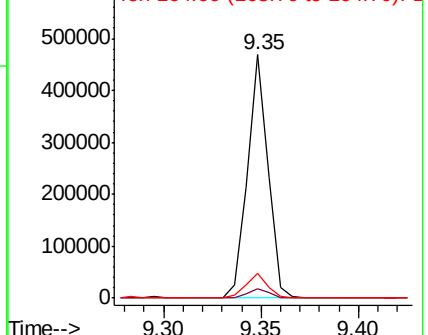
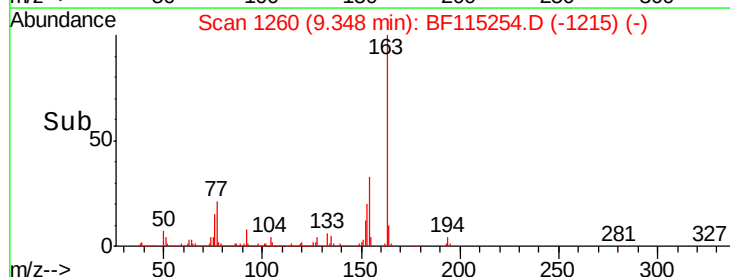
163 100

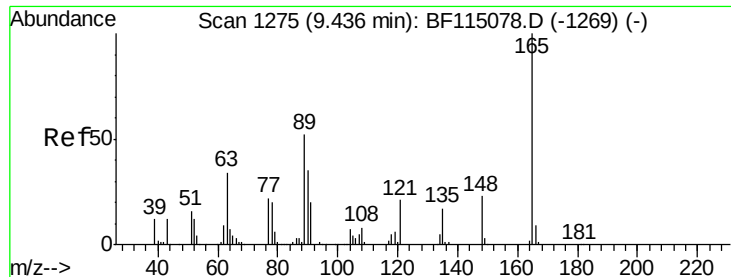
194 3.9 3.2 4.8

164 10.0 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

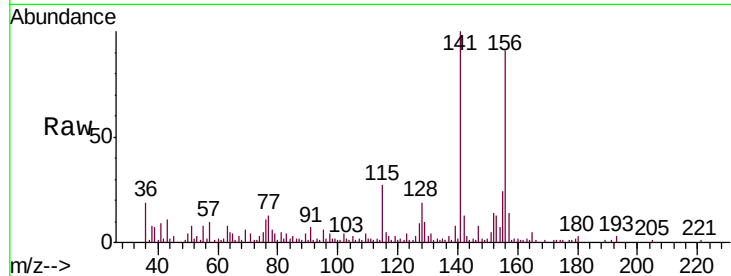




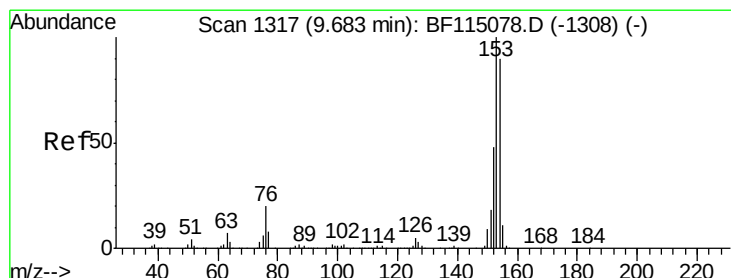
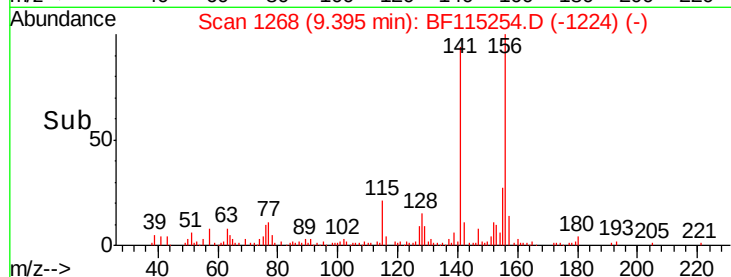
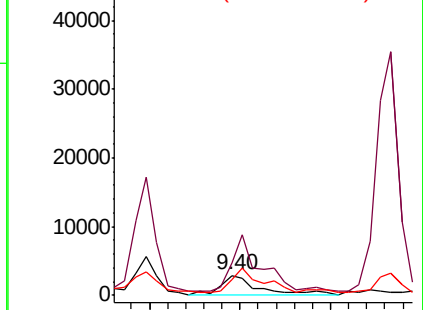
#51
 2,6-Dinitrotoluene
 Concen: 0.607 ng
 RT: 9.40 min Scan# 1268
 Delta R.T. -0.04 min
 Lab File: BF115254.D
 Acq: 28 Jun 2019 00:28

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

Tgt Ion:165 Resp: 4475
 Ion Ratio Lower Upper
 165 100
 63 160.9 39.4 59.2#
 89 78.1 42.0 63.0#

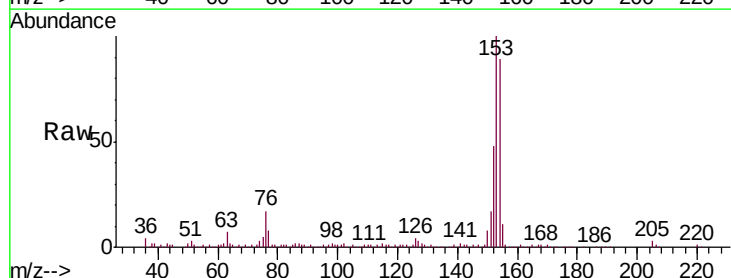


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

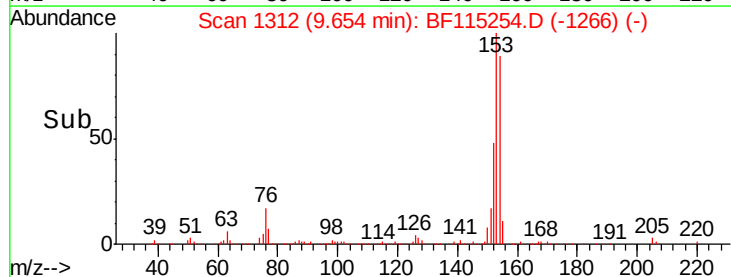
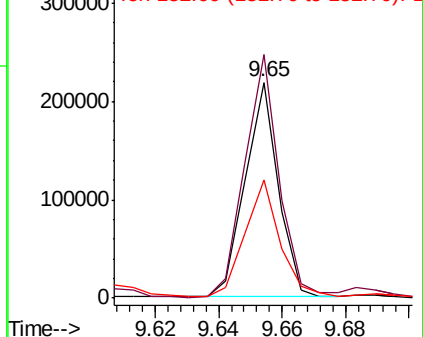


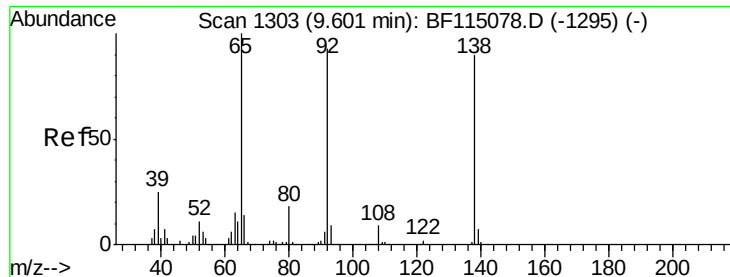
#52
 Acenaphthene
 Concen: 5.766 ng
 RT: 9.65 min Scan# 1312
 Delta R.T. -0.03 min
 Lab File: BF115254.D
 Acq: 28 Jun 2019 00:28

Tgt Ion:154 Resp: 158234
 Ion Ratio Lower Upper
 154 100
 153 112.7 88.7 133.1
 152 54.6 42.6 64.0



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

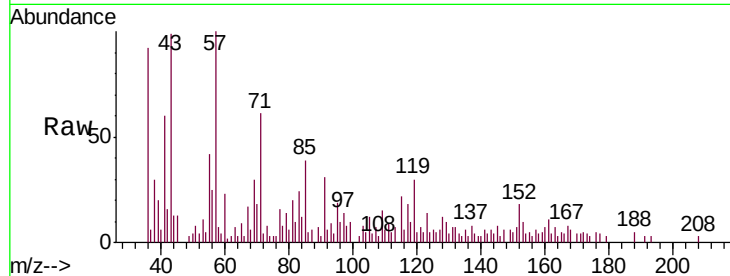




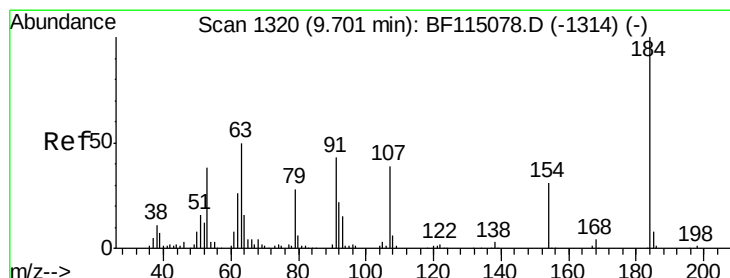
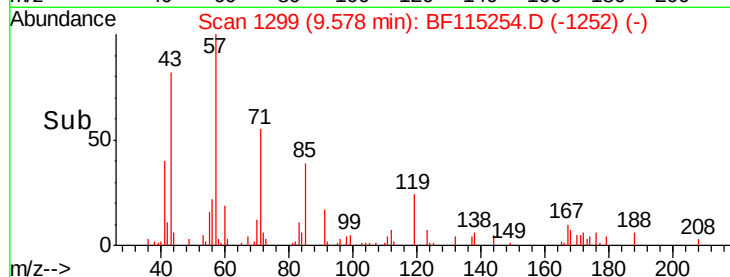
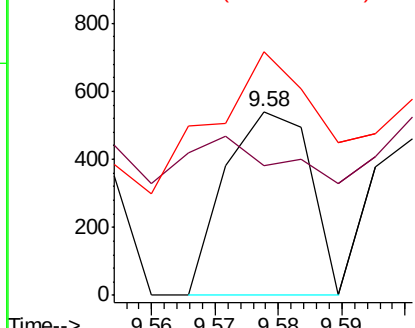
#53
3-Nitroaniline
Concen: 0.056 ng
RT: 9.58 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BF115254.D
Acq: 28 Jun 2019 00:28

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

Tgt Ion:138 Resp: 501
Ion Ratio Lower Upper
138 100
108 70.6 7.8 11.6#
92 132.6 82.9 124.3#

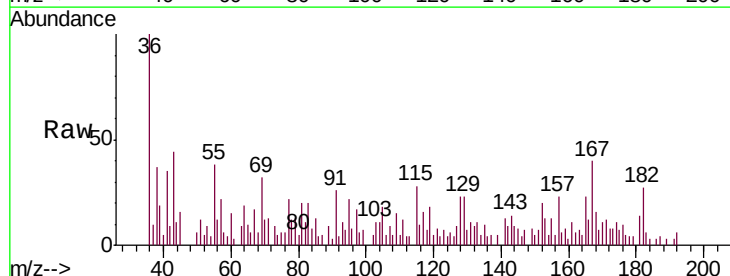


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

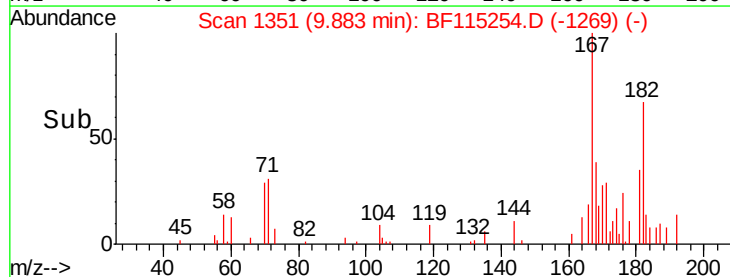
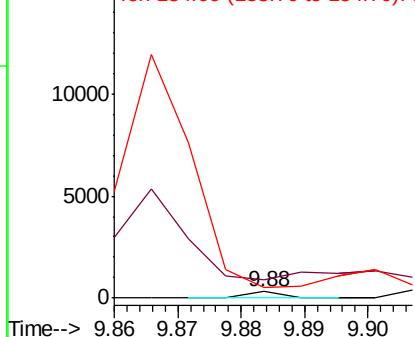


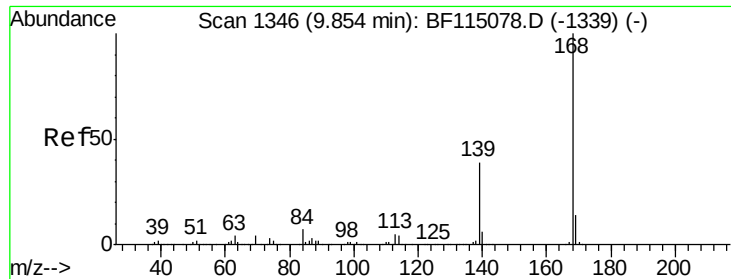
#54
2,4-Dinitrophenol
Concen: 7.370 ng
RT: 9.88 min Scan# 1351
Delta R.T. 0.18 min
Lab File: BF115254.D
Acq: 28 Jun 2019 00:28

Tgt Ion:184 Resp: 111
Ion Ratio Lower Upper
184 100
63 280.6 41.9 62.9#
154 160.2 44.7 67.1#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

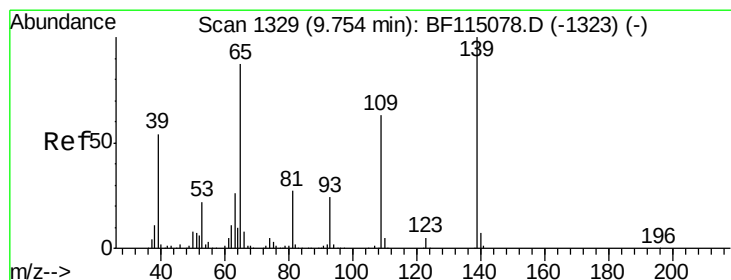
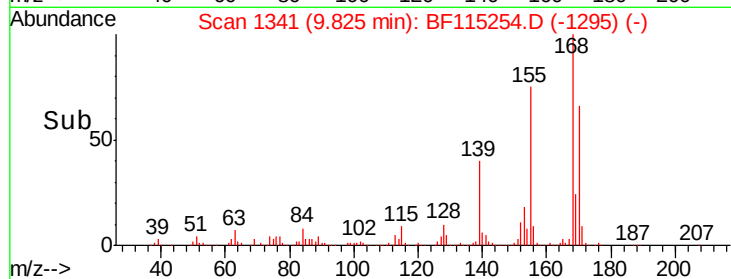
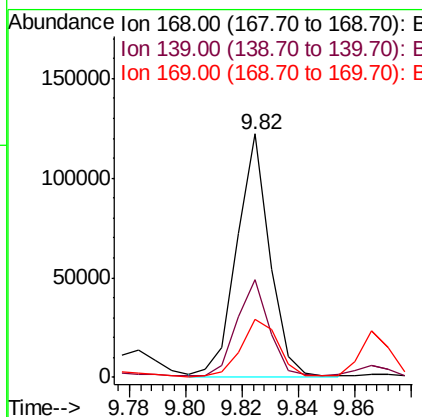
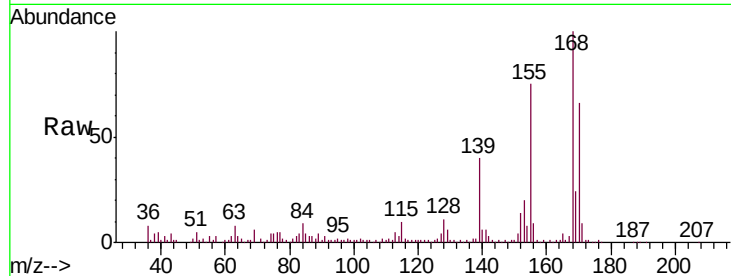




#55
Dibenzofuran
Concen: 2.495 ng
RT: 9.82 min Scan# 1341
Delta R.T. -0.03 min
Lab File: BF115254.D
Acq: 28 Jun 2019 00:28

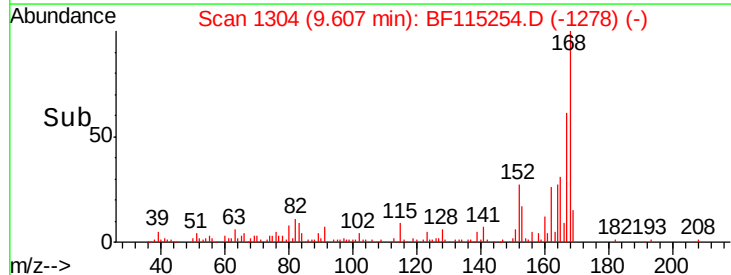
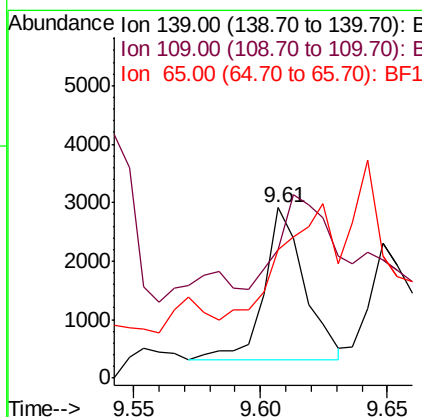
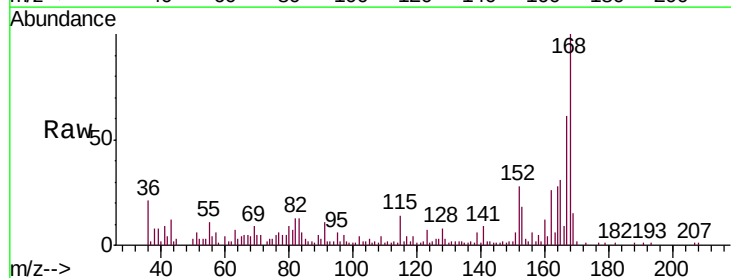
Instrument :
BNA_F
ClientSampleId :
TRIANGLE-AREA-SOIL-C

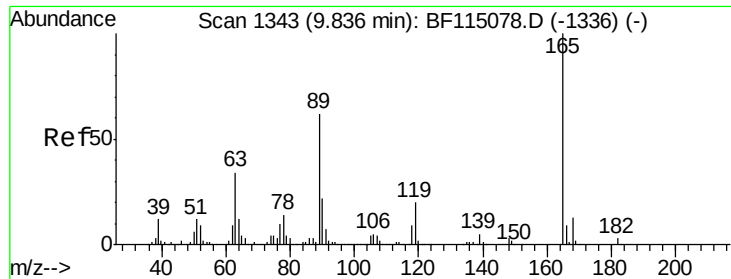
Tgt Ion:168 Resp: 98298
Ion Ratio Lower Upper
168 100
139 40.1 31.1 46.7
169 23.9 11.3 16.9#



#56
4-Nitrophenol
Concen: 0.406 ng
RT: 9.61 min Scan# 1304
Delta R.T. -0.15 min
Lab File: BF115254.D
Acq: 28 Jun 2019 00:28

Tgt Ion:139 Resp: 2923
Ion Ratio Lower Upper
139 100
109 75.4 43.0 83.0
65 75.1 67.0 107.0

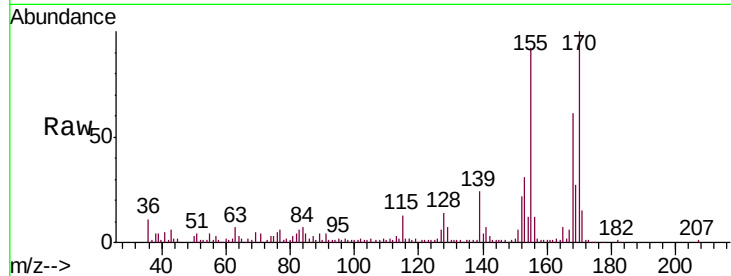




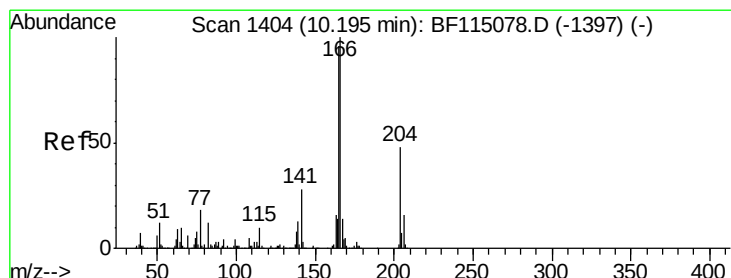
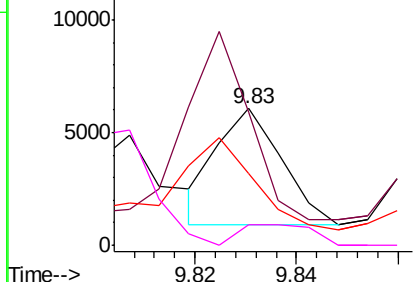
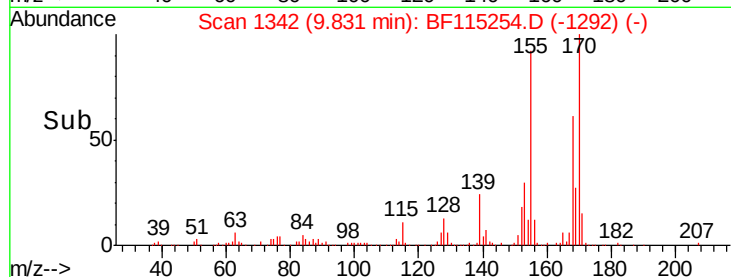
#57
2,4-Dinitrotoluene
Concen: 0.479 ng
RT: 9.83 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF115254.D
Acq: 28 Jun 2019 00:28

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

Tgt Ion:	165	Resp:	4559
Ion	Ratio	Lower	Upper
165	100		
63	97.2	27.5	41.3#
89	52.9	49.9	74.9
182	15.3	2.1	3.1#

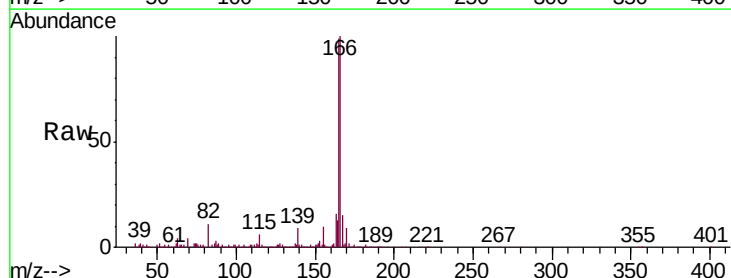


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

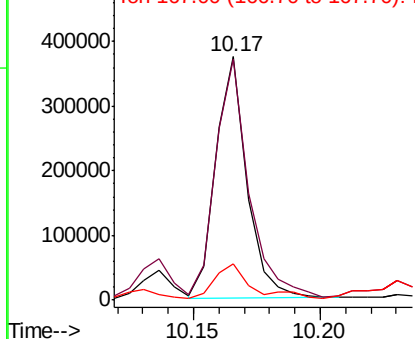
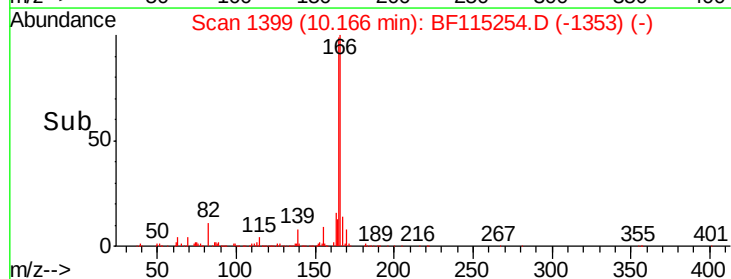


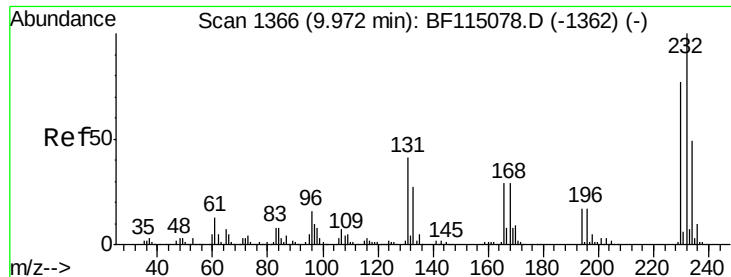
#58
Fluorene
Concen: 6.605 ng
RT: 10.17 min Scan# 1399
Delta R.T. -0.03 min
Lab File: BF115254.D
Acq: 28 Jun 2019 00:28

Tgt Ion:	166	Resp:	320634
Ion	Ratio	Lower	Upper
166	100		
165	99.1	76.5	114.7
167	14.9	11.0	16.4



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

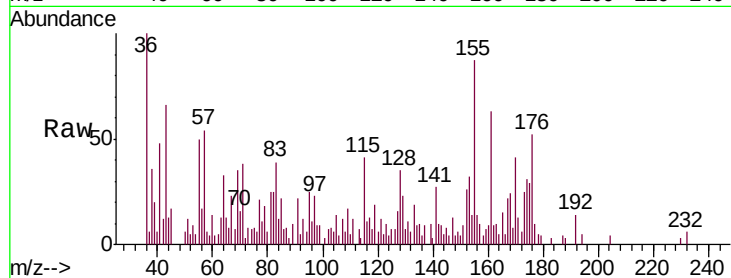




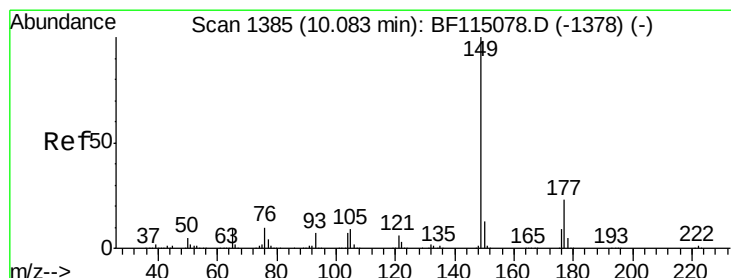
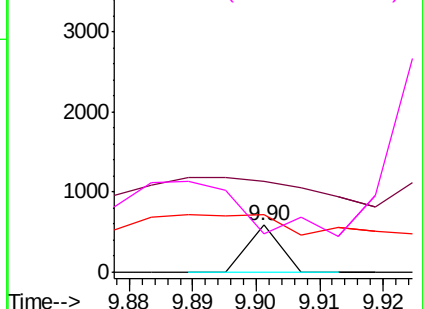
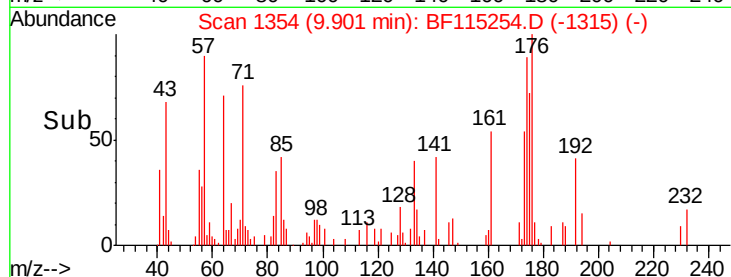
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 0.025 ng
 RT: 9.90 min Scan# 1354
 Delta R.T. -0.07 min
 Lab File: BF115254.D
 Acq: 28 Jun 2019 00:28

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

Tgt Ion:232 Resp: 207
 Ion Ratio Lower Upper
 232 100
 131 884.5 37.4 56.0#
 130 105.3 1.8 2.6#
 166 0.0 24.6 36.8#

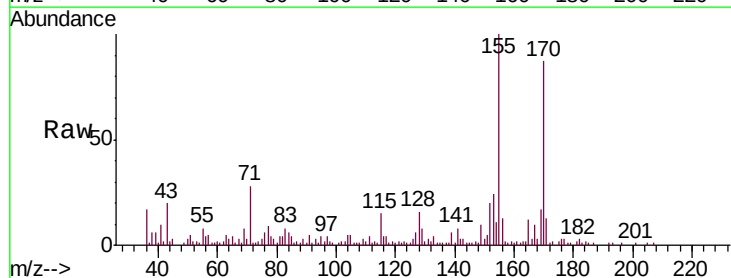


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

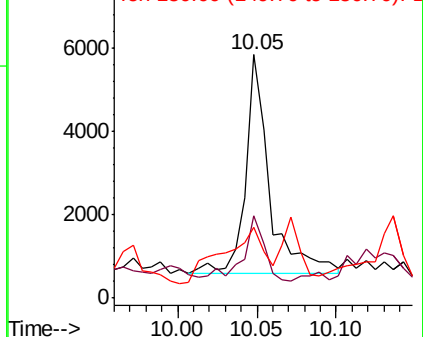
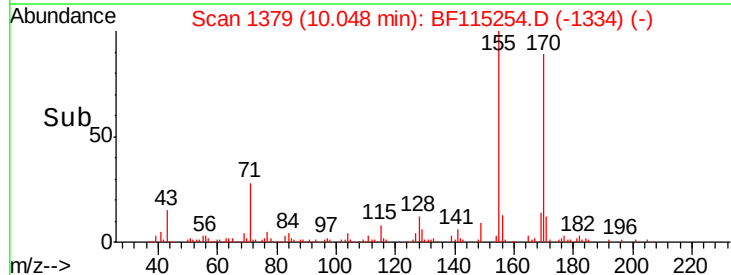


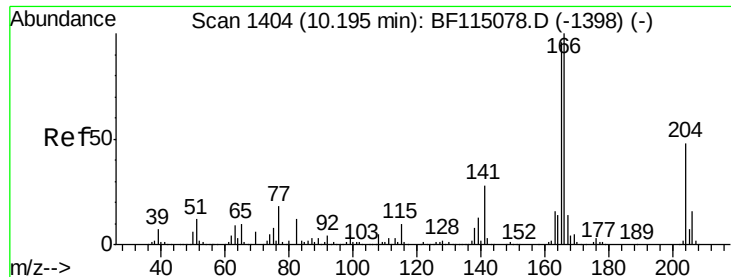
#60
 Diethylphthalate
 Concen: 0.171 ng
 RT: 10.05 min Scan# 1379
 Delta R.T. -0.04 min
 Lab File: BF115254.D
 Acq: 28 Jun 2019 00:28

Tgt Ion:149 Resp: 5475
 Ion Ratio Lower Upper
 149 100
 177 33.9 18.7 28.1#
 150 29.1 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

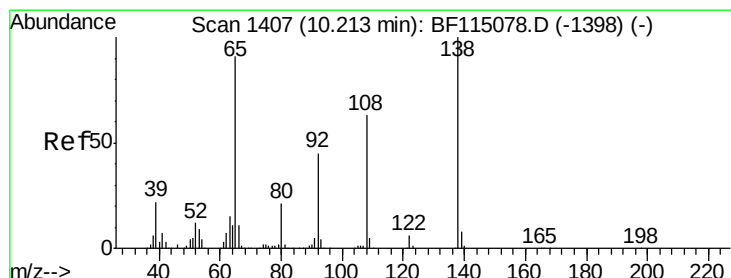
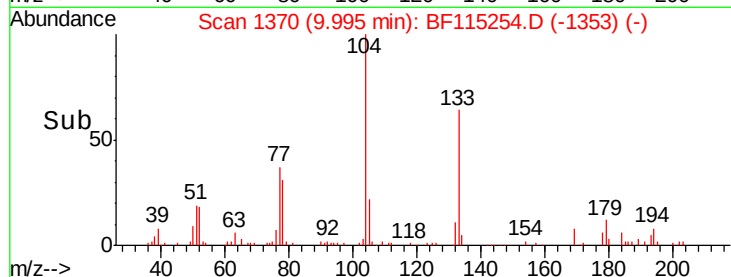
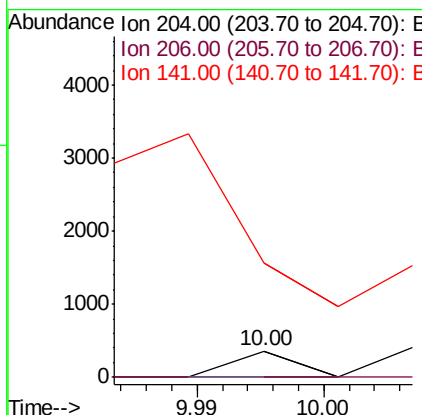
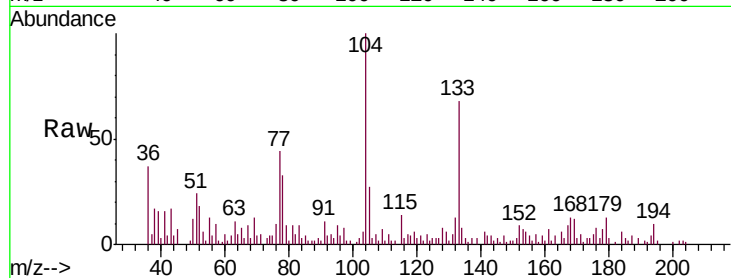




#61
 4-Chlorophenyl-phenylether
 Concen: Below Cal
 RT: 10.00 min Scan# 1370
 Delta R.T. -0.20 min
 Lab File: BF115254.D
 Acq: 28 Jun 2019 00:28

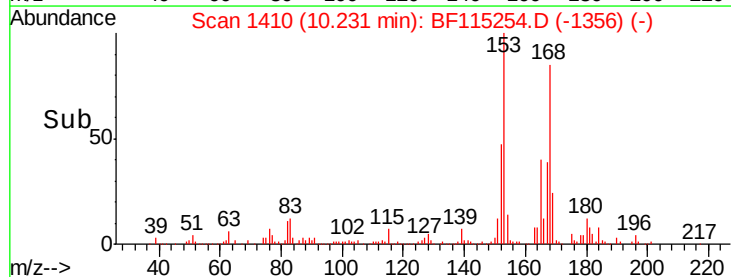
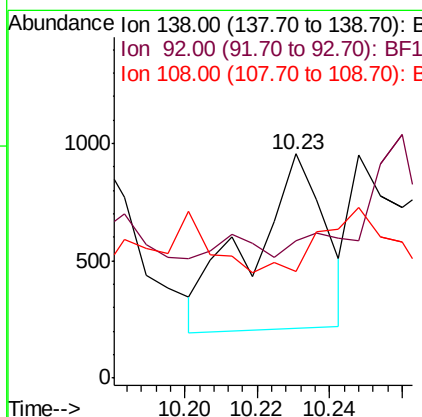
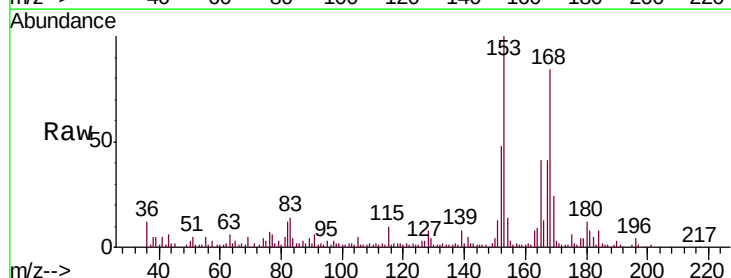
Instrument :
 BNA_F
 ClientSampleId :
 TRIANGLE-AREA-SOIL-C

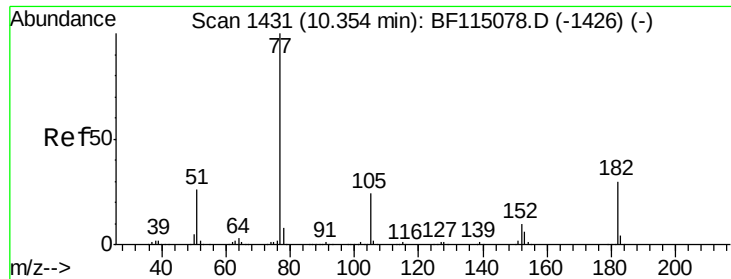
Tgt Ion: 204 Resp: 127
 Ion Ratio Lower Upper
 204 100
 206 0.0 26.6 40.0#
 141 435.6 46.7 70.1#



#62
 4-Nitroaniline
 Concen: 0.116 ng
 RT: 10.23 min Scan# 1410
 Delta R.T. 0.02 min
 Lab File: BF115254.D
 Acq: 28 Jun 2019 00:28

Tgt Ion: 138 Resp: 1046
 Ion Ratio Lower Upper
 138 100
 92 61.0 24.8 64.8
 108 47.3 43.3 83.3

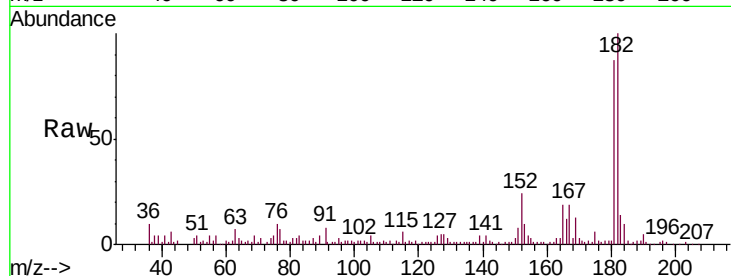




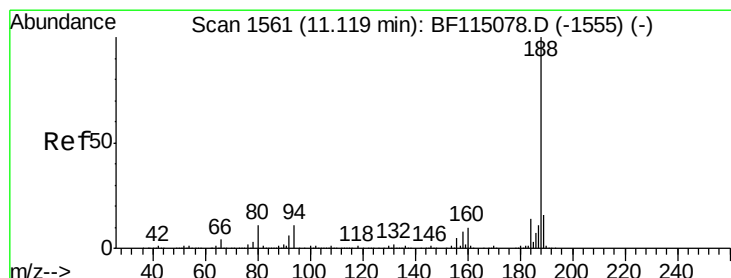
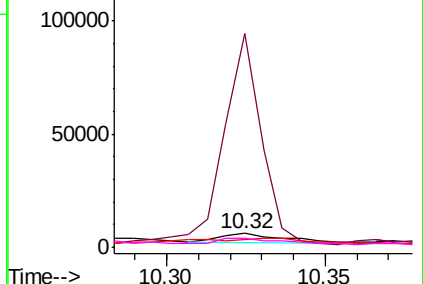
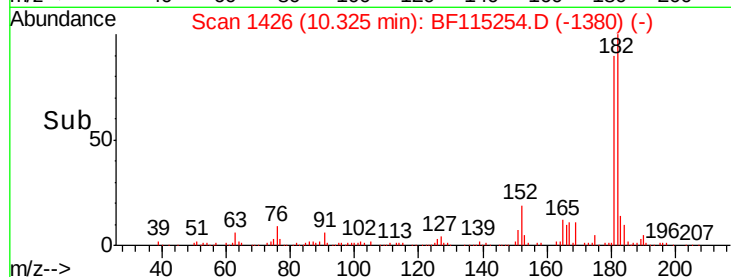
#63
Azobenzene
Concen: 0.197 ng
RT: 10.32 min Scan# 1426
Delta R.T. -0.03 min
Lab File: BF115254.D
Acq: 28 Jun 2019 00:28

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

Tgt Ion: 77 Resp: 5908
Ion Ratio Lower Upper
77 100
182 1535.4 10.1 50.1#
105 54.7 4.5 44.5#
51 67.3 6.4 46.4#

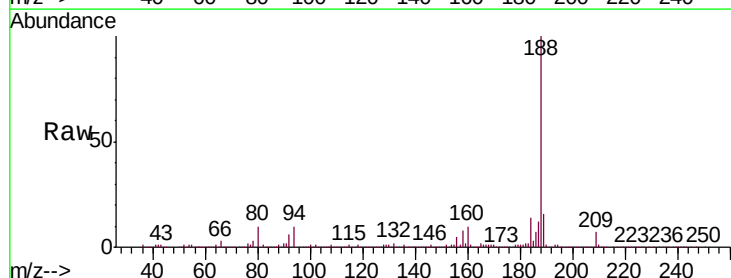


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

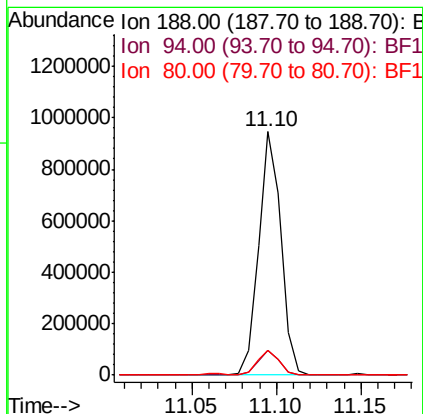
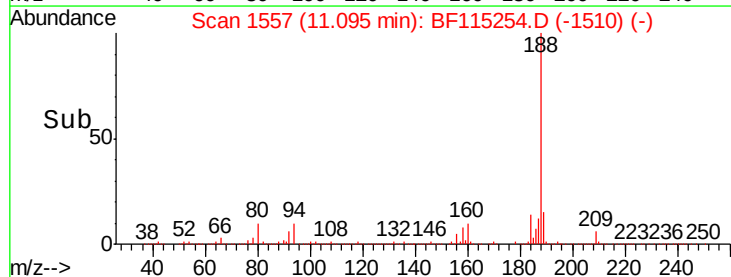


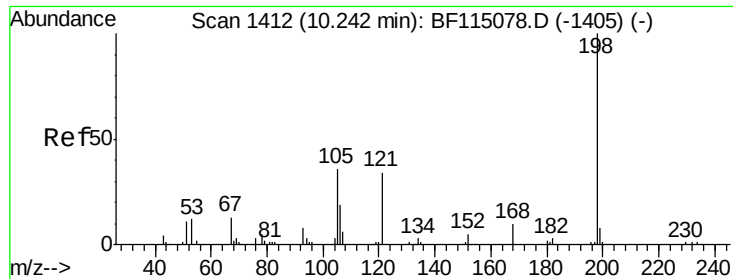
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.10 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF115254.D
Acq: 28 Jun 2019 00:28

Tgt Ion: 188 Resp: 862118
Ion Ratio Lower Upper
188 100
94 10.0 8.6 12.8
80 10.3 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

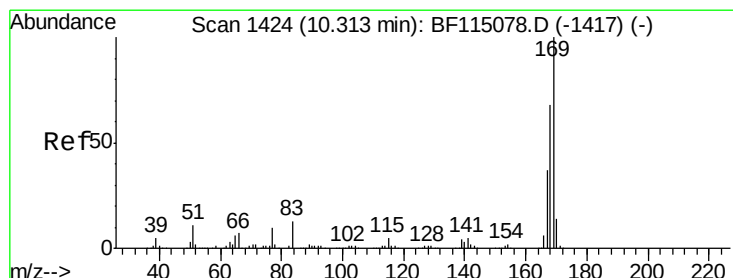
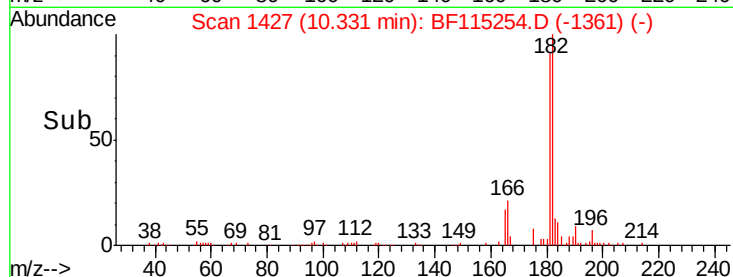
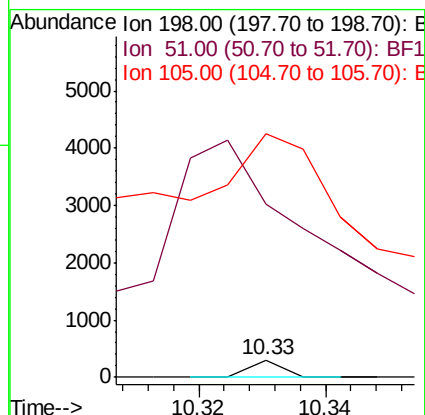
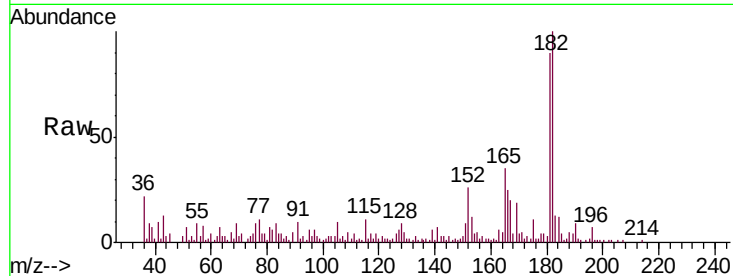




#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.981 ng
 RT: 10.33 min Scan# 1427
 Delta R.T. 0.09 min
 Lab File: BF115254.D
 Acq: 28 Jun 2019 00:28

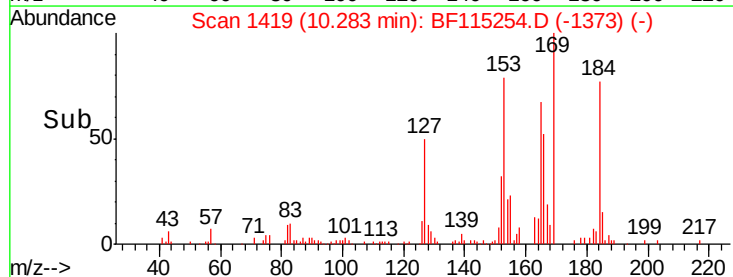
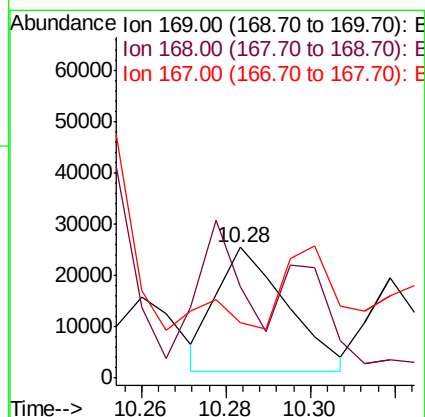
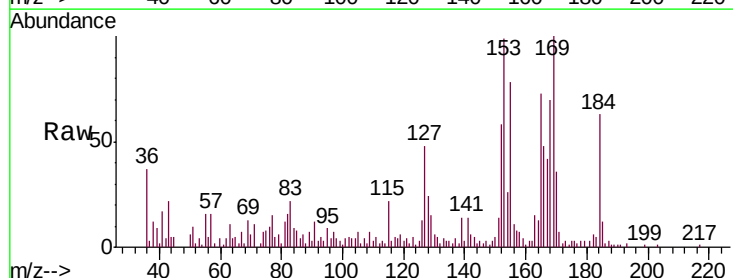
Instrument :
 BNA_F
 ClientSampleId :
 TRIANGLE-AREA-SOIL-C

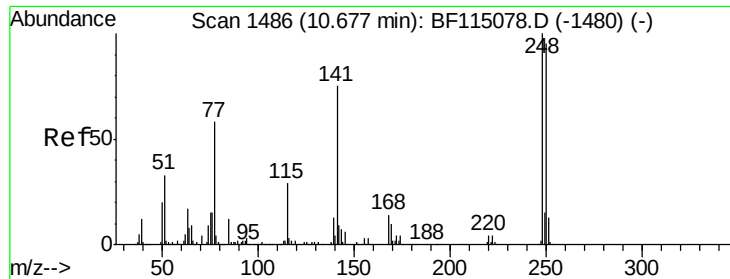
Tgt Ion:198 Resp: 108
 Ion Ratio Lower Upper
 198 100
 51 985.6 11.0 51.0#
 105 1388.6 17.3 57.3#



#66
 n-Nitrosodiphenylamine
 Concen: 1.041 ng
 RT: 10.28 min Scan# 1419
 Delta R.T. -0.03 min
 Lab File: BF115254.D
 Acq: 28 Jun 2019 00:28

Tgt Ion:169 Resp: 27956
 Ion Ratio Lower Upper
 169 100
 168 70.1 54.2 81.4
 167 42.1 29.4 44.0

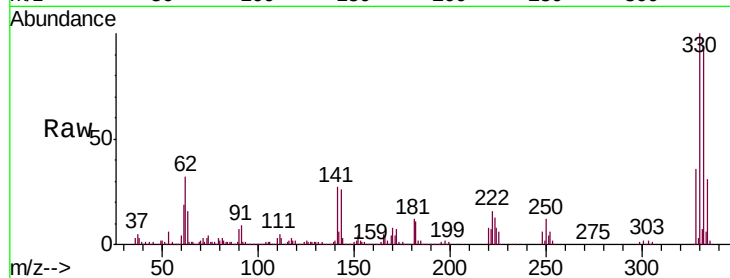




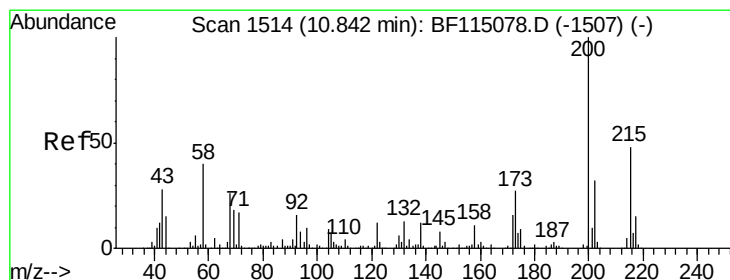
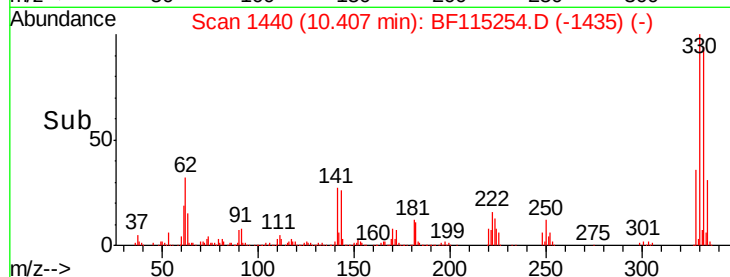
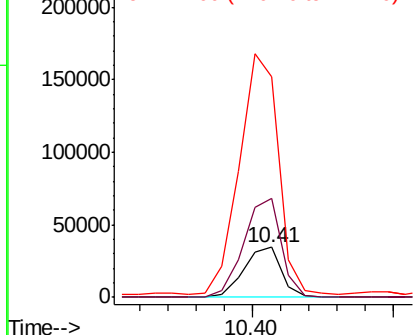
#67
4-Bromophenyl-phenylether
Concen: 3.367 ng
RT: 10.41 min Scan# 1440
Delta R.T. -0.27 min
Lab File: BF115254.D
Acq: 28 Jun 2019 00:28

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

Tgt Ion:248 Resp: 31470
Ion Ratio Lower Upper
248 100
250 197.7 76.2 114.2#
141 439.8 59.6 89.4#

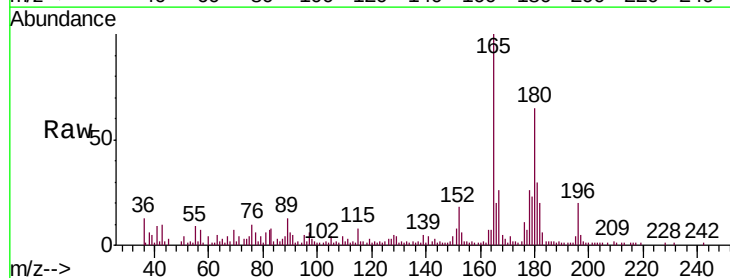


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

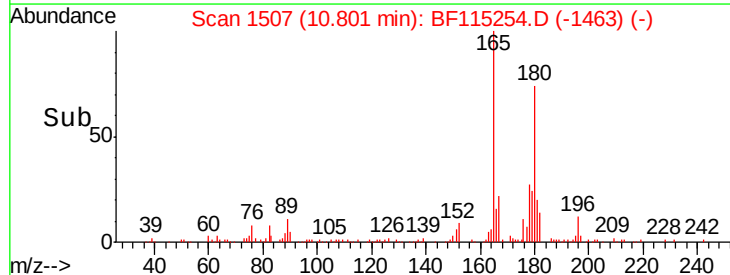
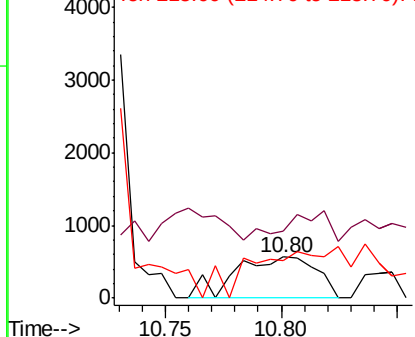


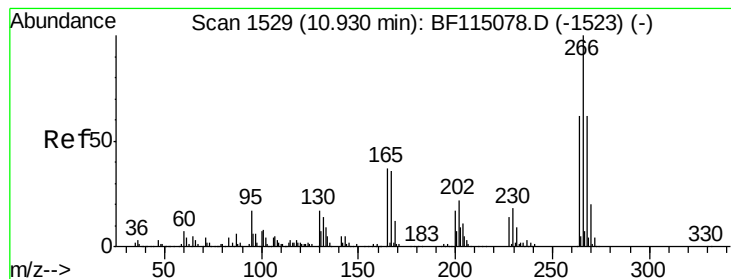
#69
Atrazine
Concen: 0.161 ng
RT: 10.80 min Scan# 1507
Delta R.T. -0.04 min
Lab File: BF115254.D
Acq: 28 Jun 2019 00:28

Tgt Ion:200 Resp: 1387
Ion Ratio Lower Upper
200 100
173 163.6 7.4 47.4#
215 93.3 27.8 67.8#



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





#70

Pentachlorophenol

Concen: 0.146 ng

RT: 10.91 min Scan# 1525

Delta R.T. -0.02 min

Lab File: BF115254.D

Acq: 28 Jun 2019 00:28

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-C

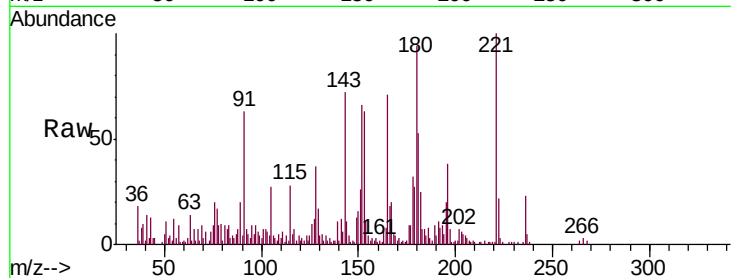
Tgt Ion:266 Resp: 946

Ion Ratio Lower Upper

266 100

268 64.4 49.5 74.3

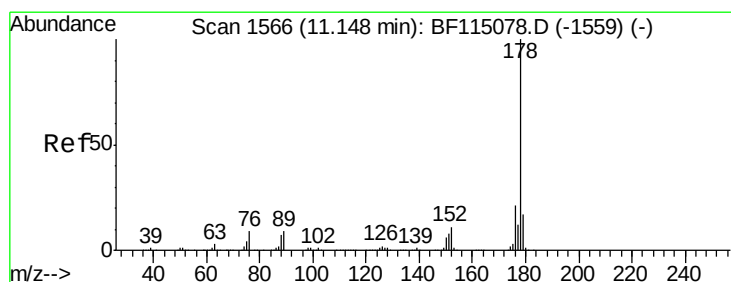
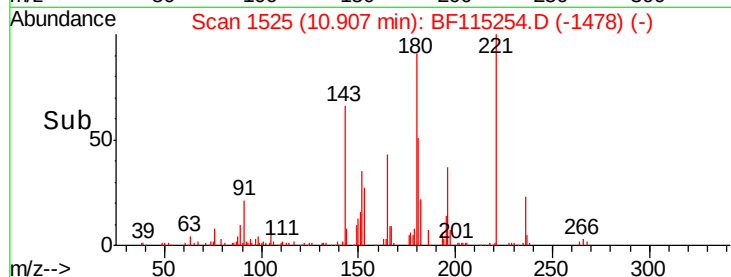
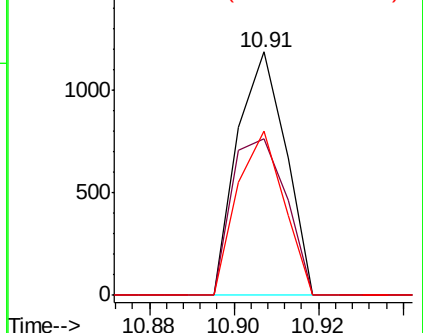
264 67.3 49.3 73.9



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#71

Phenanthrene

Concen: 50.542 ng

RT: 11.12 min Scan# 1562

Delta R.T. -0.02 min

Lab File: BF115254.D

Acq: 28 Jun 2019 00:28

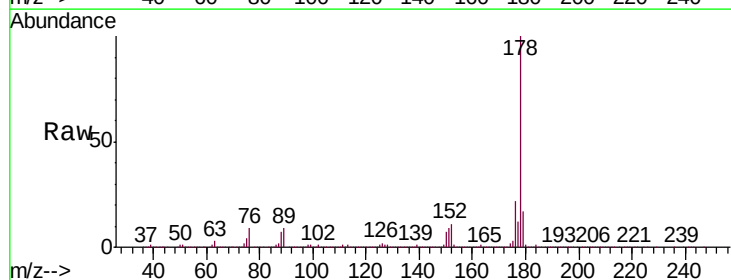
Tgt Ion:178 Resp: 2346065

Ion Ratio Lower Upper

178 100

176 21.8 16.9 25.3

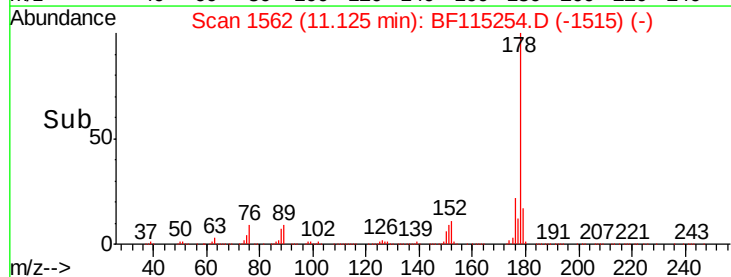
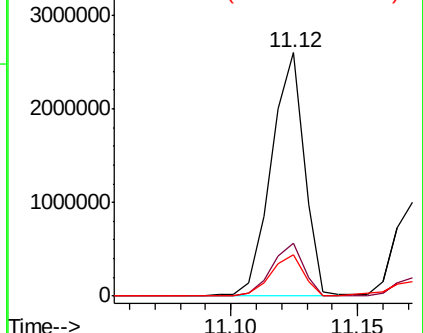
179 17.2 13.2 19.8

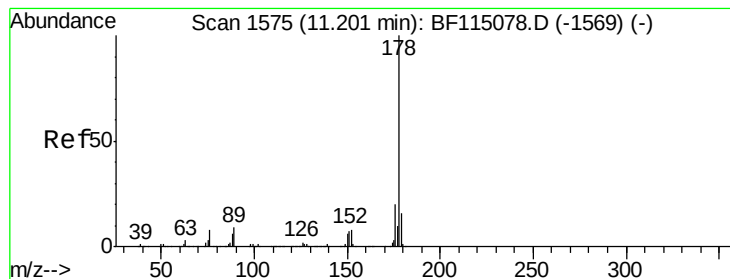


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 16.697 ng

RT: 11.17 min Scan# 1570

Delta R.T. -0.03 min

Lab File: BF115254.D

Acq: 28 Jun 2019 00:28

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-C

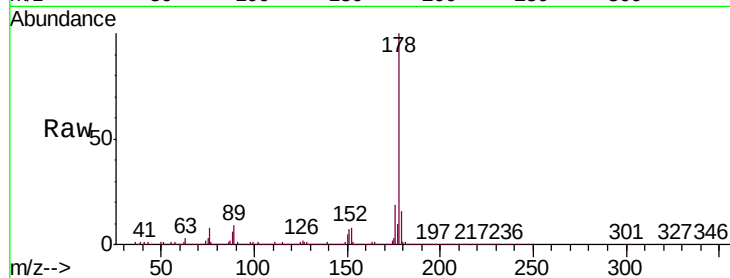
Tgt Ion:178 Resp: 782350

Ion Ratio Lower Upper

178 100

176 19.2 16.1 24.1

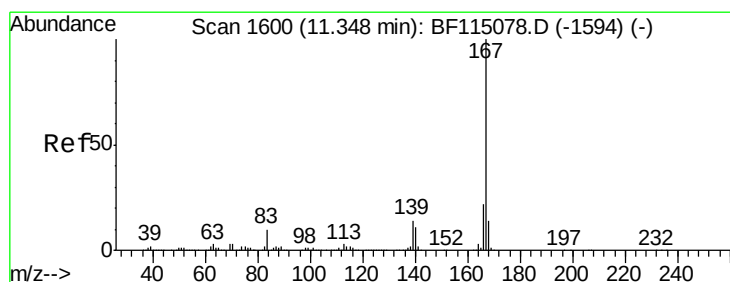
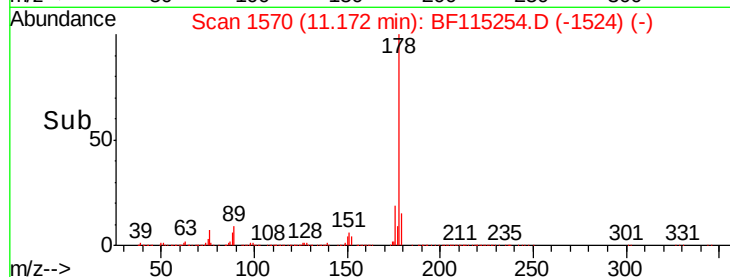
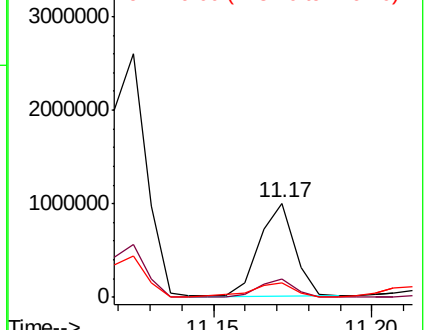
179 15.8 12.9 19.3



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: 3.075 ng

RT: 11.32 min Scan# 1596

Delta R.T. -0.02 min

Lab File: BF115254.D

Acq: 28 Jun 2019 00:28

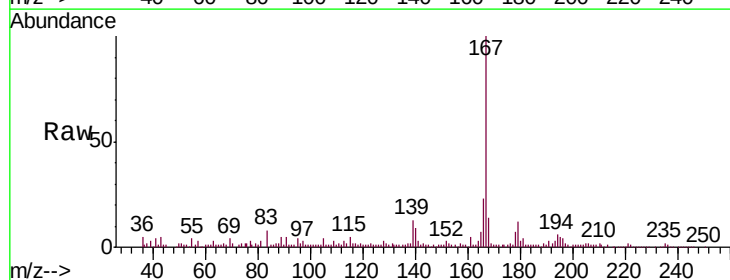
Tgt Ion:167 Resp: 128651

Ion Ratio Lower Upper

167 100

166 23.2 18.0 27.0

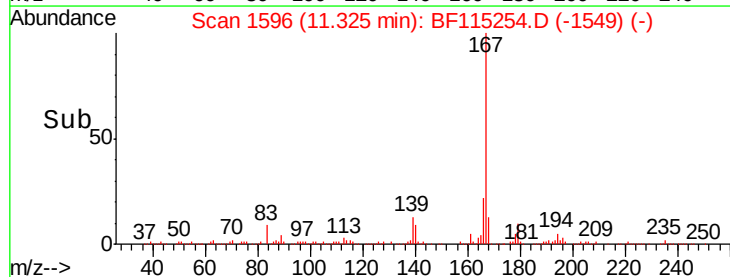
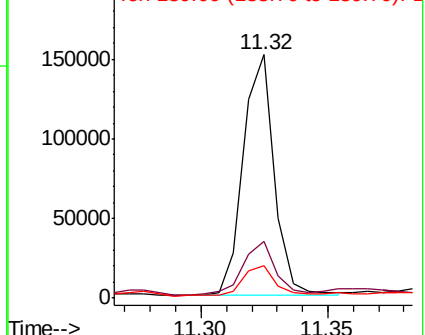
139 13.4 11.1 16.7

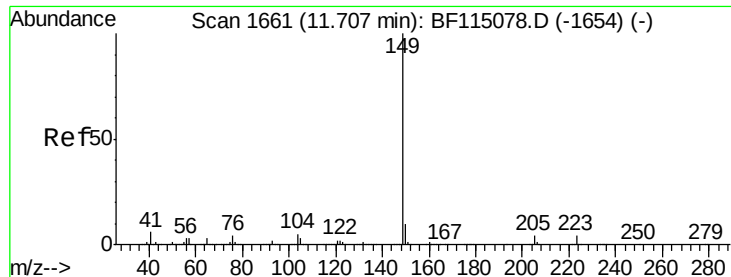


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 1.538 ng

RT: 11.68 min Scan# 1656

Delta R.T. -0.03 min

Lab File: BF115254.D

Acq: 28 Jun 2019 00:28

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-C

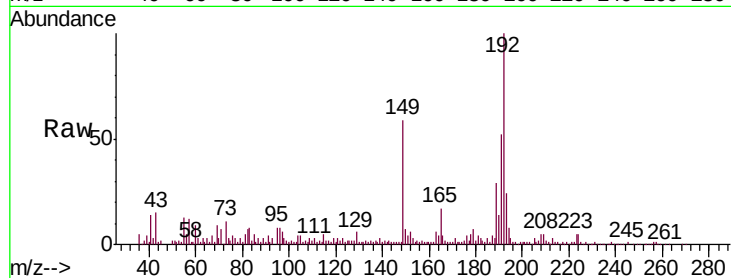
Tgt Ion:149 Resp: 74362

Ion Ratio Lower Upper

149 100

150 12.2 7.8 11.8#

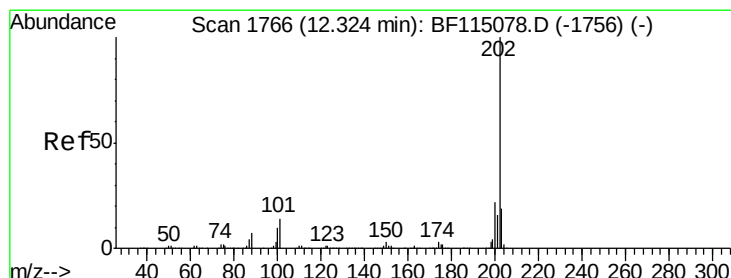
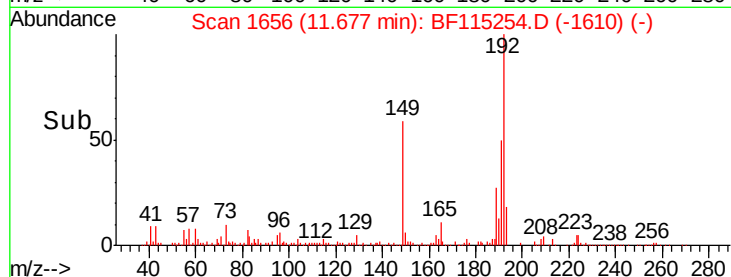
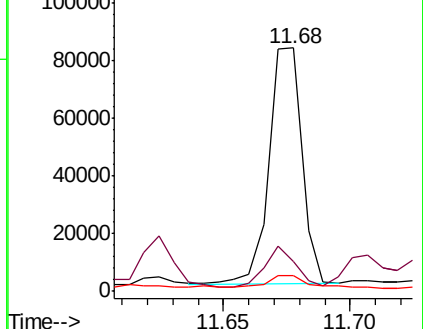
104 6.2 3.7 5.5#



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: 57.984 ng

RT: 12.31 min Scan# 1763

Delta R.T. -0.02 min

Lab File: BF115254.D

Acq: 28 Jun 2019 00:28

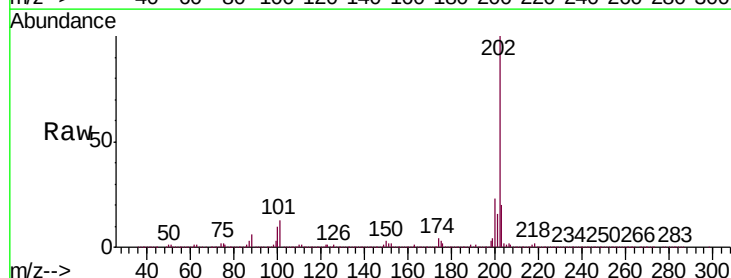
Tgt Ion:202 Resp: 2685388

Ion Ratio Lower Upper

202 100

101 13.4 0.0 34.0

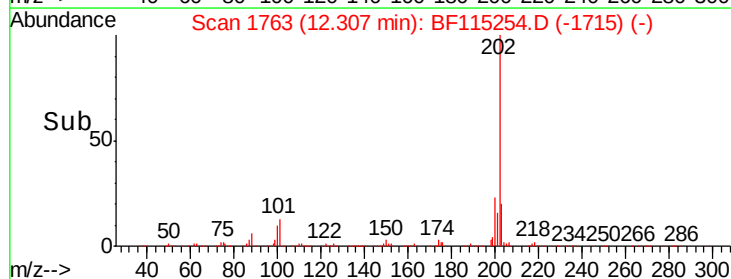
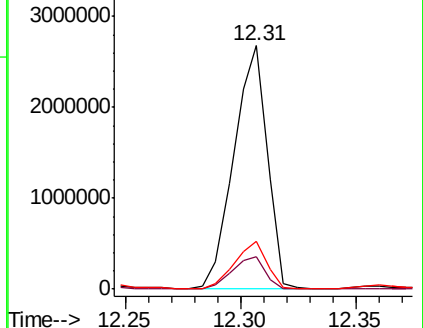
203 19.7 0.0 38.8

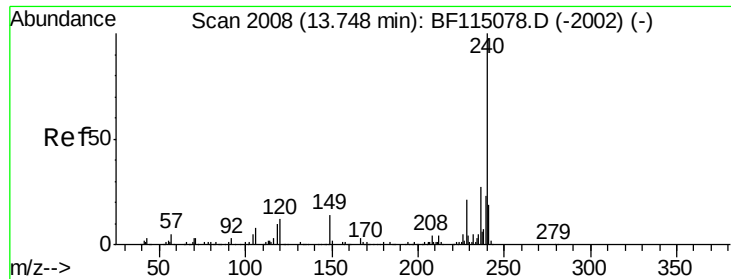


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.72 min Scan# 2004

Delta R.T. -0.02 min

Lab File: BF115254.D

Acq: 28 Jun 2019 00:28

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-C

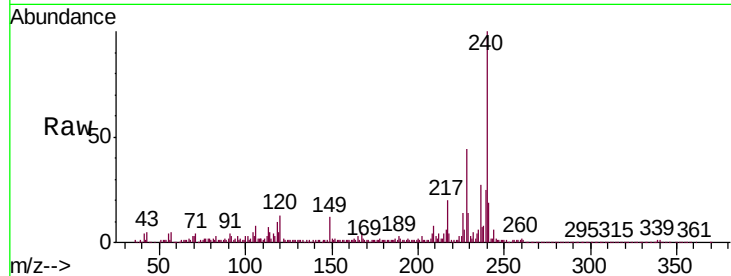
Tgt Ion:240 Resp: 611331

Ion Ratio Lower Upper

240 100

120 12.8 9.4 14.2

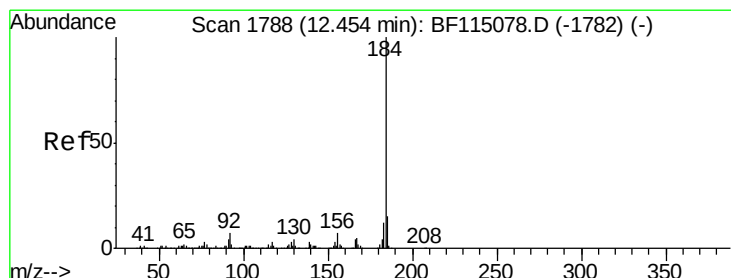
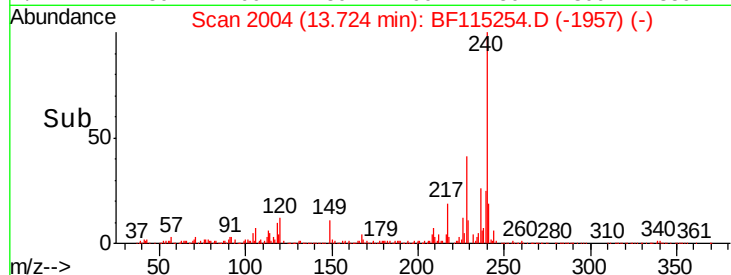
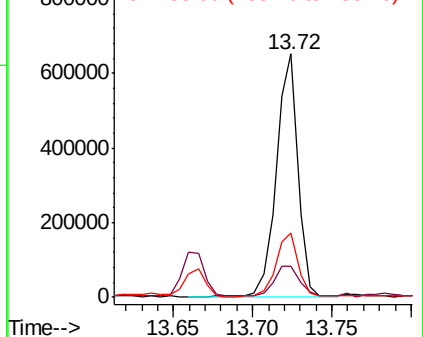
236 26.7 21.7 32.5



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: 0.078 ng

RT: 12.41 min Scan# 1780

Delta R.T. -0.05 min

Lab File: BF115254.D

Acq: 28 Jun 2019 00:28

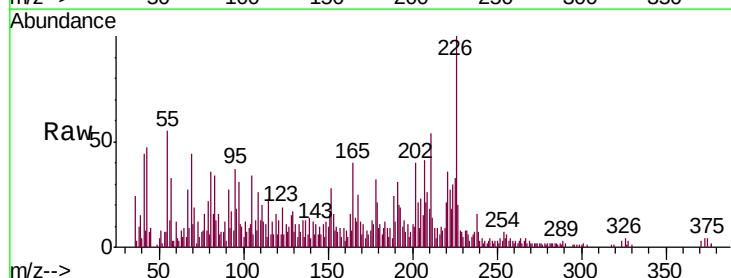
Tgt Ion:184 Resp: 2119

Ion Ratio Lower Upper

184 100

185 74.8 12.2 18.2#

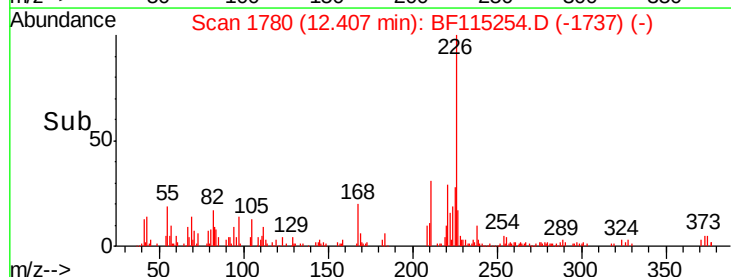
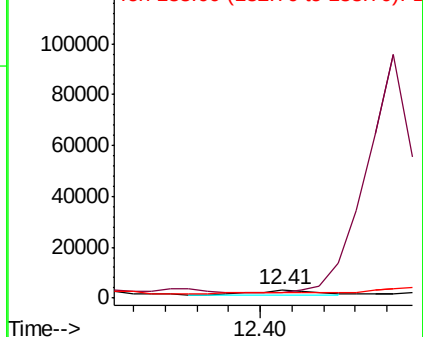
183 75.0 9.6 14.4#

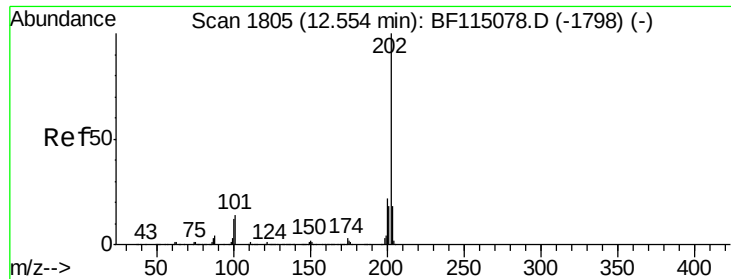


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

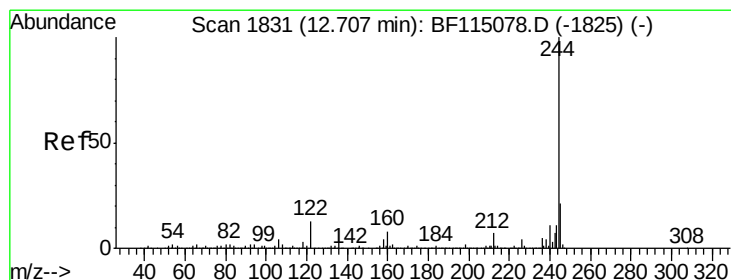
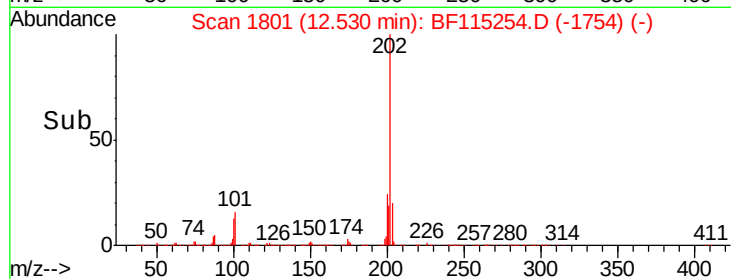
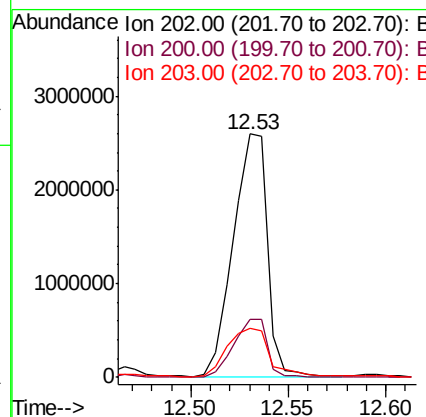
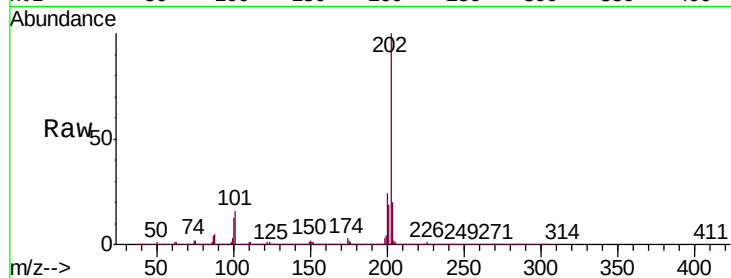




#78
 Pyrene
 Concen: 66.473 ng
 RT: 12.53 min Scan# 1801
 Delta R.T. -0.02 min
 Lab File: BF115254.D
 Acq: 28 Jun 2019 00:28

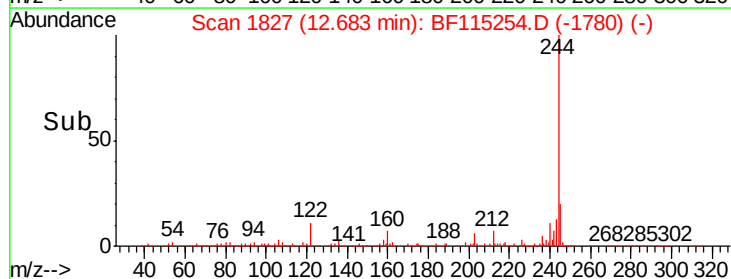
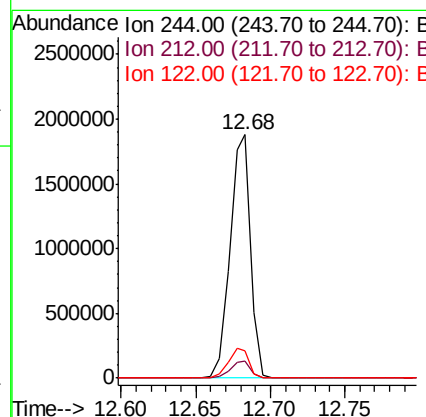
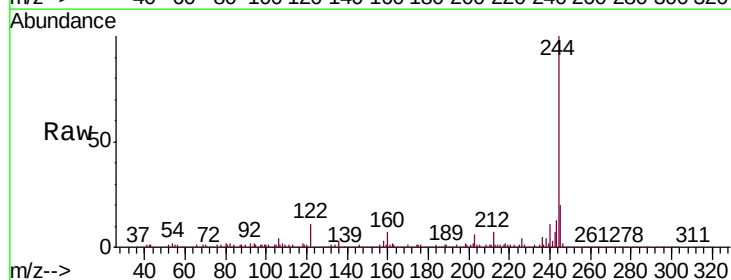
Instrument :
 BNA_F
 ClientSampleId :
 TRIANGLE-AREA-SOIL-C

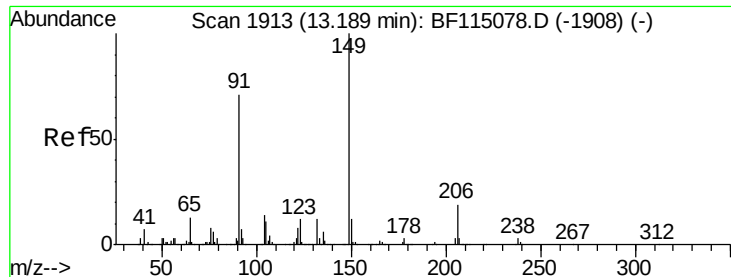
Tgt Ion:202 Resp: 3122976
 Ion Ratio Lower Upper
 202 100
 200 23.8 17.9 26.9
 203 20.3 14.6 21.8



#79
 Terphenyl-d14
 Concen: 63.419 ng
 RT: 12.68 min Scan# 1827
 Delta R.T. -0.02 min
 Lab File: BF115254.D
 Acq: 28 Jun 2019 00:28

Tgt Ion:244 Resp: 1823492
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.6
 122 11.0 10.4 15.6

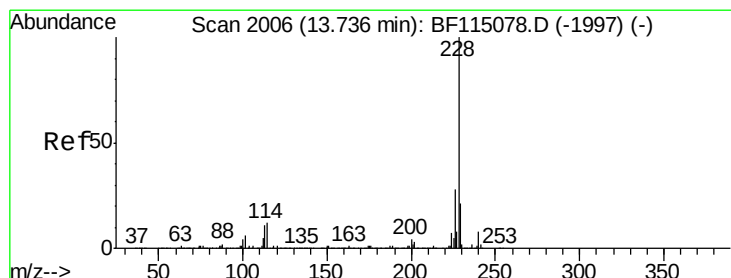
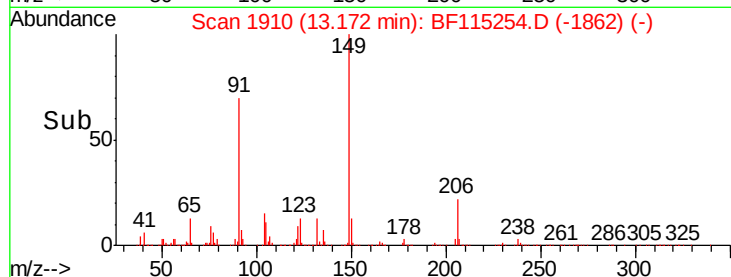
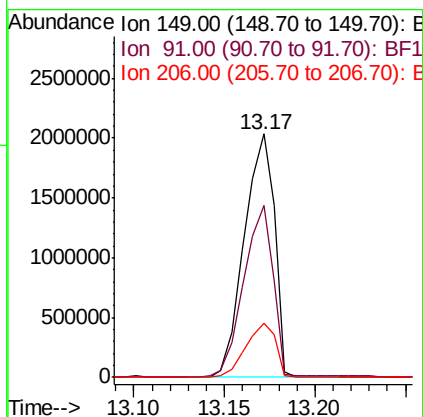
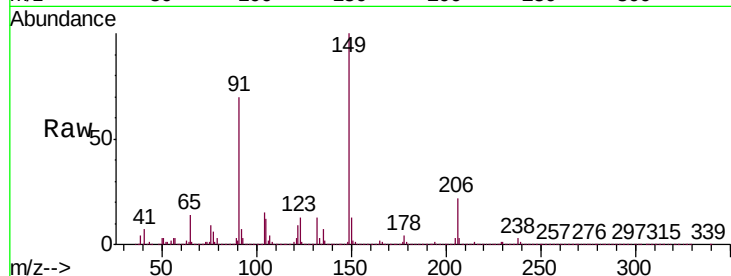




#80
Butylbenzylphthalate
Concen: 113.594 ng
RT: 13.17 min Scan# 1910
Delta R.T. -0.02 min
Lab File: BF115254.D
Acq: 28 Jun 2019 00:28

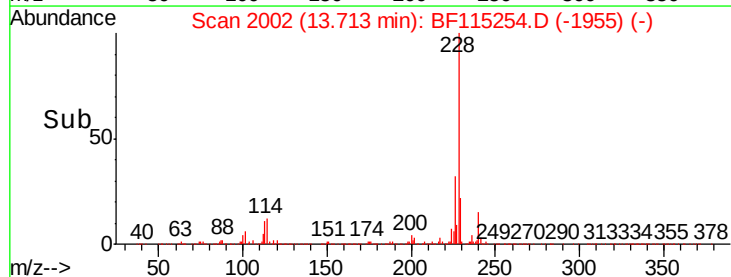
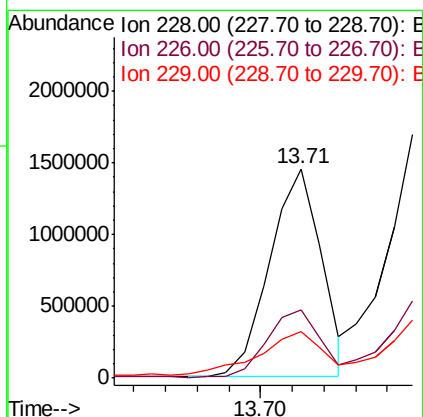
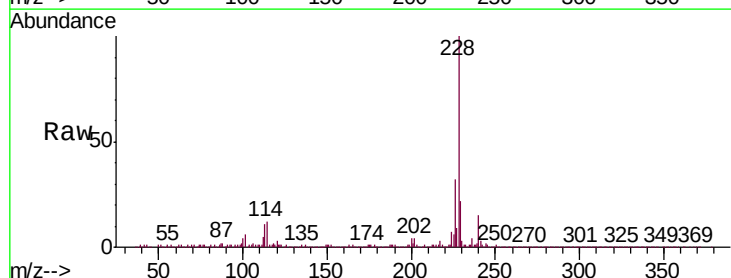
Instrument :
BNA_F
ClientSampleId :
TRIANGLE-AREA-SOIL-C

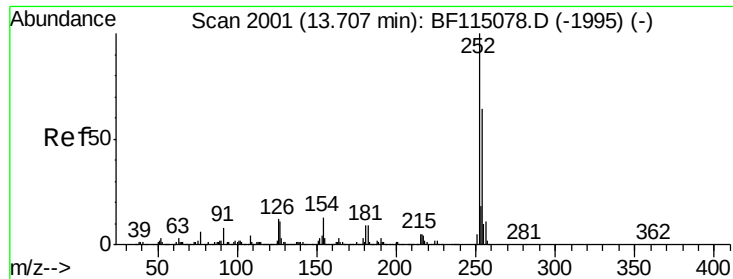
Tgt Ion:149 Resp: 2355169
Ion Ratio Lower Upper
149 100
91 70.4 56.5 84.7
206 22.2 15.3 22.9



#81
Benzo(a)anthracene
Concen: 37.483 ng
RT: 13.71 min Scan# 2002
Delta R.T. -0.02 min
Lab File: BF115254.D
Acq: 28 Jun 2019 00:28

Tgt Ion:228 Resp: 1644191
Ion Ratio Lower Upper
228 100
226 32.4 22.5 33.7
229 22.3 16.6 24.8

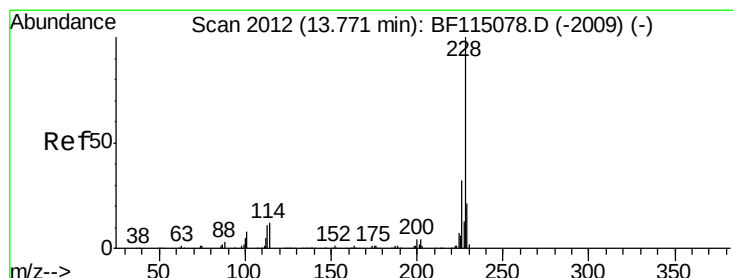
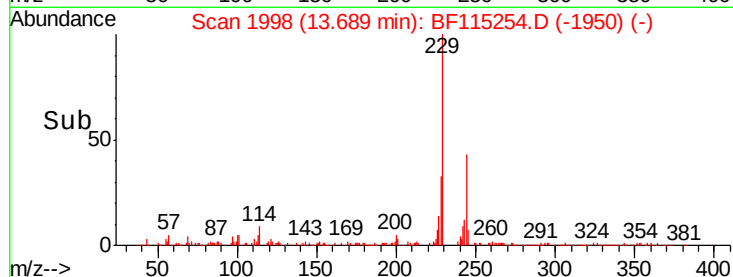
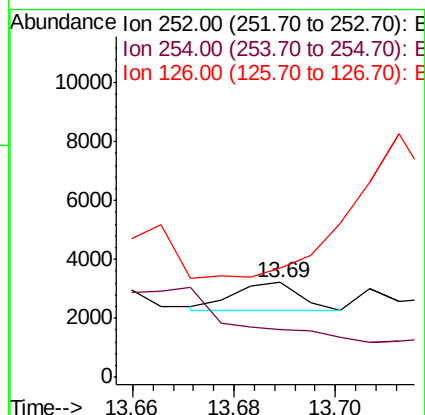
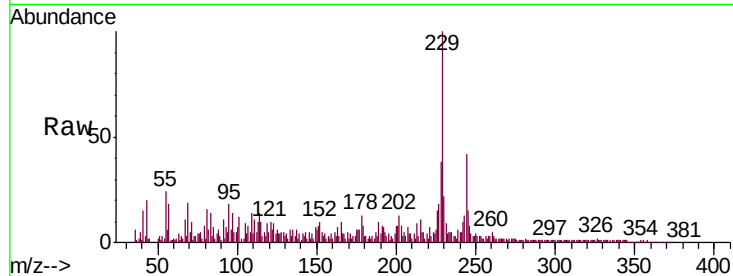




#82
 3,3'-Dichlorobenzidine
 Concen: 0.053 ng
 RT: 13.69 min Scan# 1998
 Delta R.T. -0.02 min
 Lab File: BF115254.D
 Acq: 28 Jun 2019 00:28

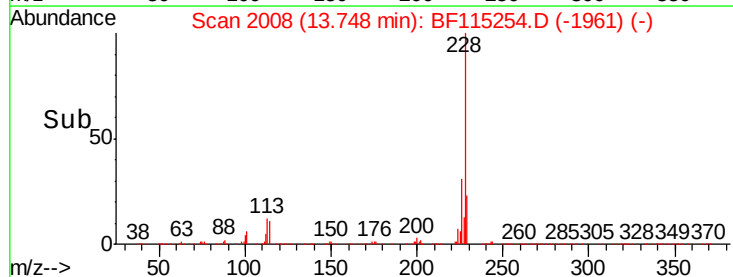
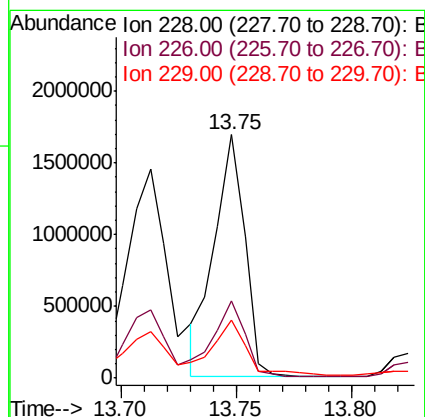
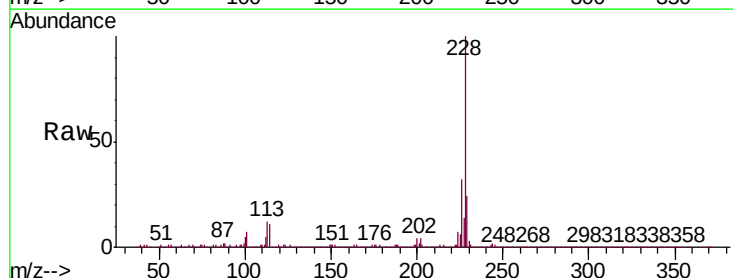
Instrument :
 BNA_F
 ClientSampleId :
 TRIANGLE-AREA-SOIL-C

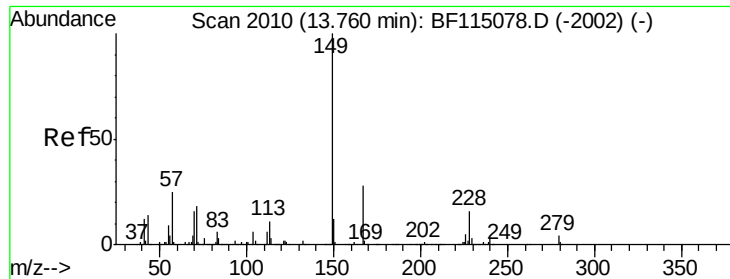
Tgt Ion: 252 Resp: 845
 Ion Ratio Lower Upper
 252 100
 254 50.7 51.1 76.7#
 126 114.4 9.4 14.0#



#83
 Chrysene
 Concen: 38.626 ng
 RT: 13.75 min Scan# 2008
 Delta R.T. -0.02 min
 Lab File: BF115254.D
 Acq: 28 Jun 2019 00:28

Tgt Ion: 228 Resp: 1552023
 Ion Ratio Lower Upper
 228 100
 226 31.6 25.4 38.0
 229 23.8 16.5 24.7

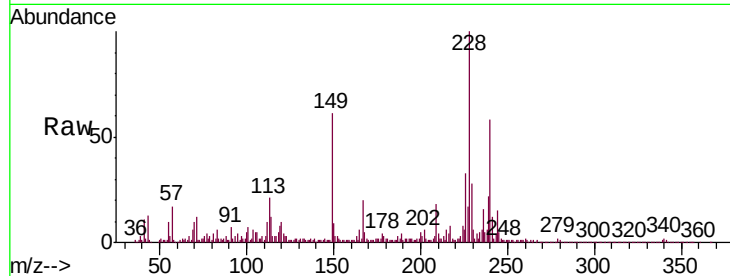




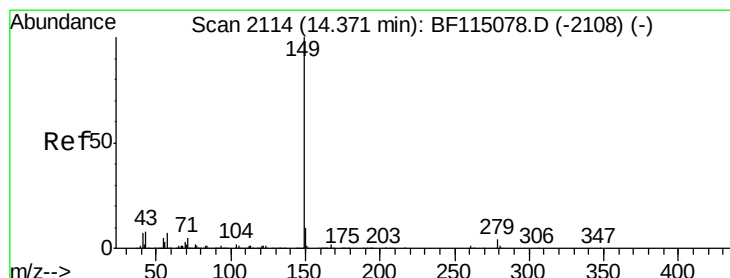
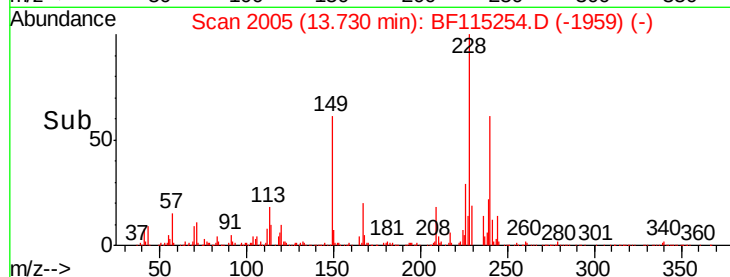
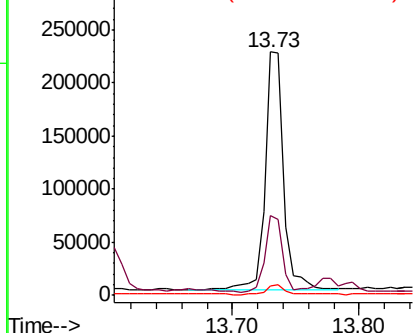
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 8.354 ng
 RT: 13.73 min Scan# 2005
 Delta R.T. -0.03 min
 Lab File: BF115254.D
 Acq: 28 Jun 2019 00:28

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

Tgt Ion:149 Resp: 226943
 Ion Ratio Lower Upper
 149 100
 167 32.8 22.2 33.4
 279 3.8 2.9 4.3

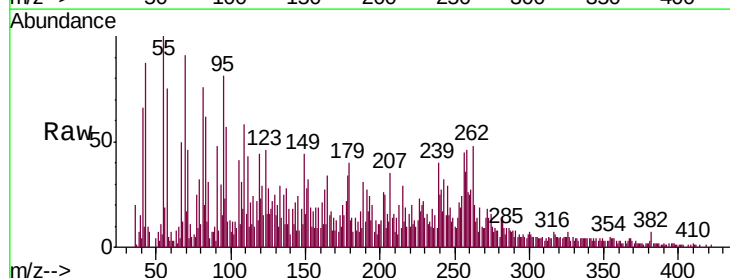


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

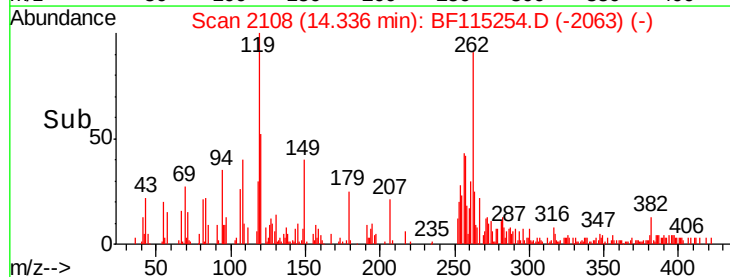
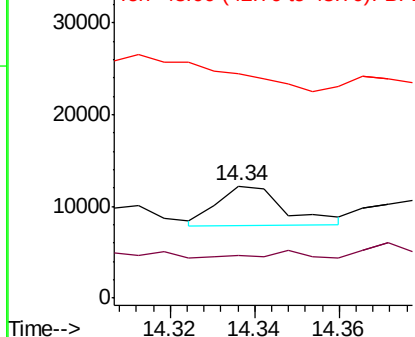


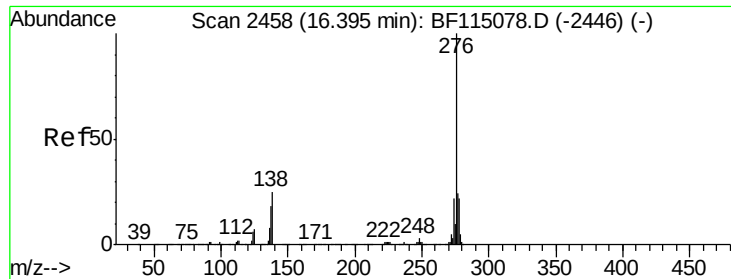
#85
 Di-n-octyl phthalate
 Concen: 0.102 ng
 RT: 14.34 min Scan# 2108
 Delta R.T. -0.04 min
 Lab File: BF115254.D
 Acq: 28 Jun 2019 00:28

Tgt Ion:149 Resp: 4675
 Ion Ratio Lower Upper
 149 100
 167 24.2 1.2 1.8#
 43 0.0 7.0 10.6#



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

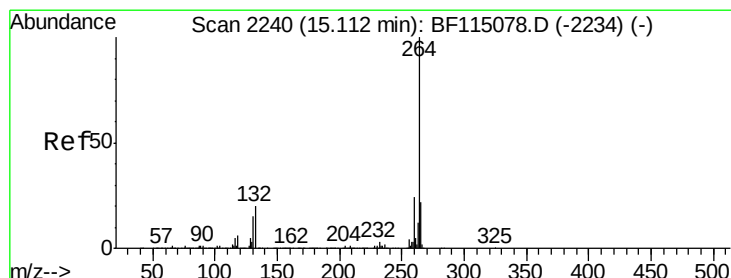
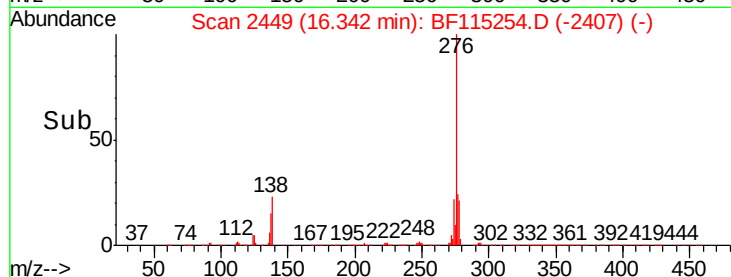
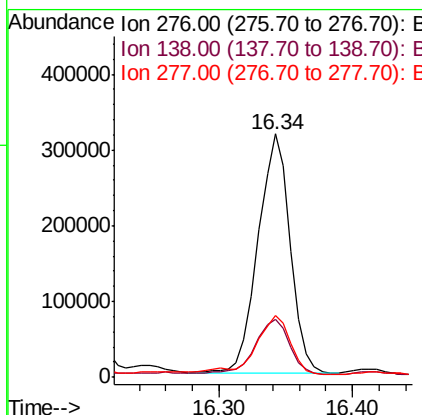
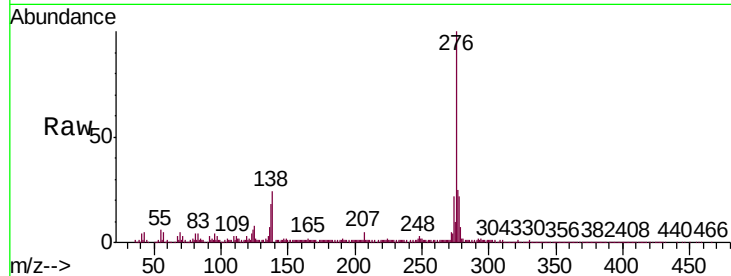




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 11.099 ng
 RT: 16.34 min Scan# 2449
 Delta R.T. -0.05 min
 Lab File: BF115254.D
 Acq: 28 Jun 2019 00:28

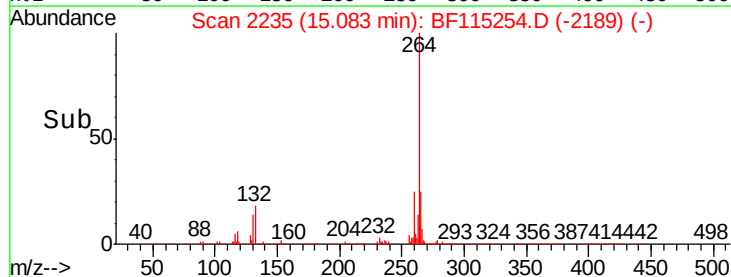
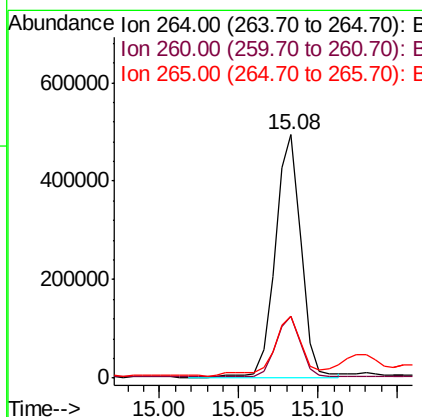
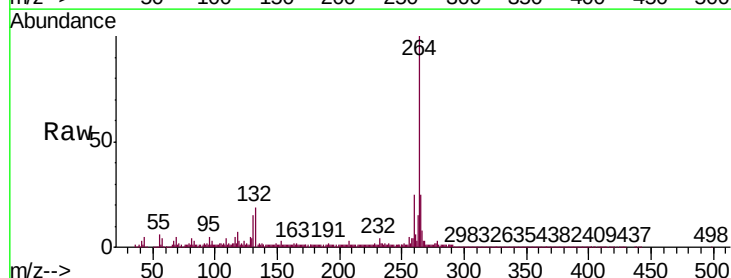
Instrument :
 BNA_F
 ClientSampleId :
 TRIANGLE-AREA-SOIL-C

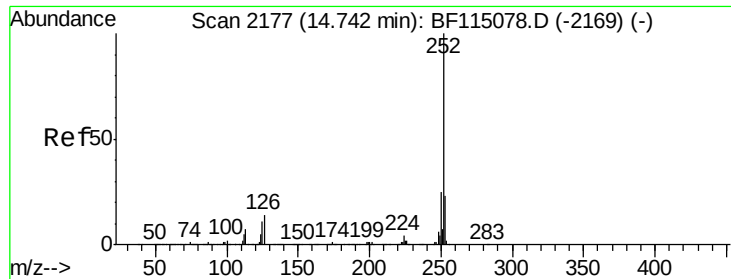
Tgt Ion:276 Resp: 527702
 Ion Ratio Lower Upper
 276 100
 138 25.1 23.2 34.8
 277 27.2 20.1 30.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.08 min Scan# 2235
 Delta R.T. -0.03 min
 Lab File: BF115254.D
 Acq: 28 Jun 2019 00:28

Tgt Ion:264 Resp: 551936
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.6 29.4
 265 25.3 17.3 25.9





#88

Benzo(b)fluoranthene

Concen: 59.528 ng

RT: 14.71 min Scan# 2172

Delta R.T. -0.03 min

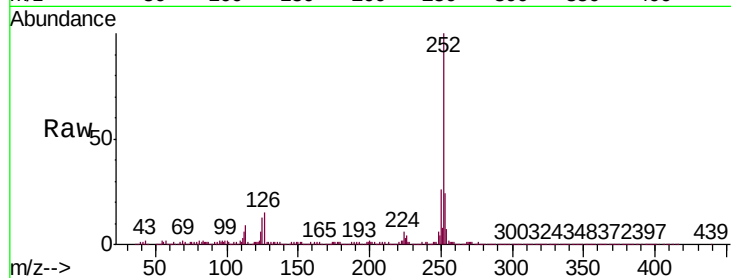
Lab File: BF115254.D

Acq: 28 Jun 2019 00:28

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

Tgt Ion:252 Resp: 2050088

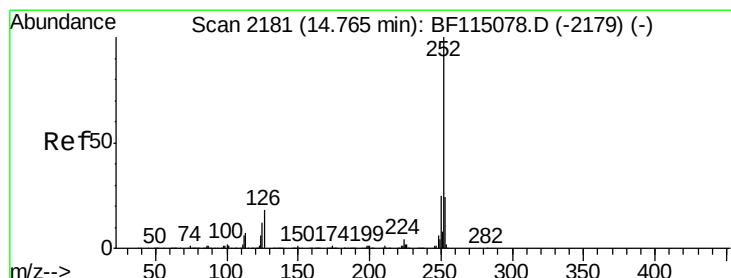
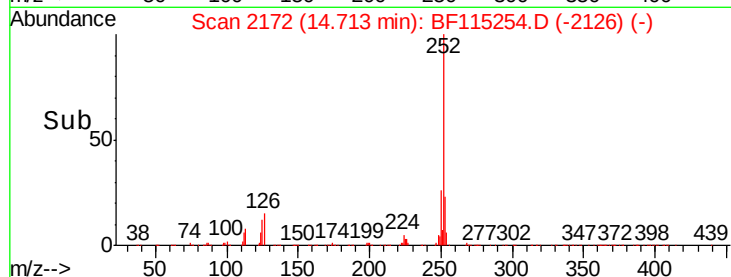
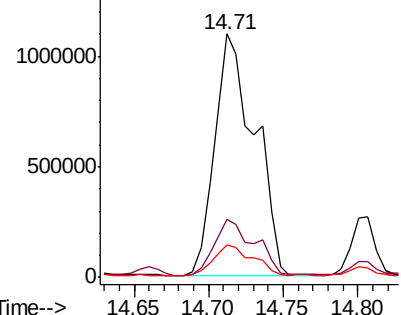
Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.1	27.1
125	13.4	8.7	13.1#



Abundance Ion 252.00 (251.70 to 252.70): E

1500000 Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 66.379 ng

RT: 14.71 min Scan# 2172

Delta R.T. -0.05 min

Lab File: BF115254.D

Acq: 28 Jun 2019 00:28

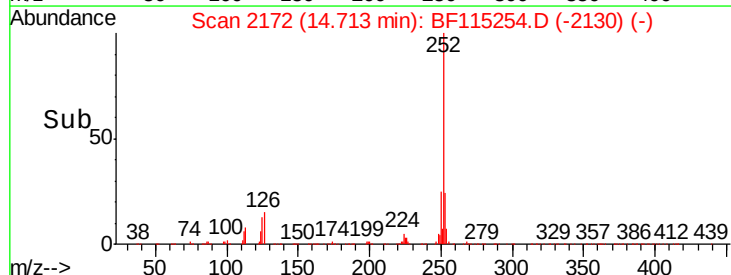
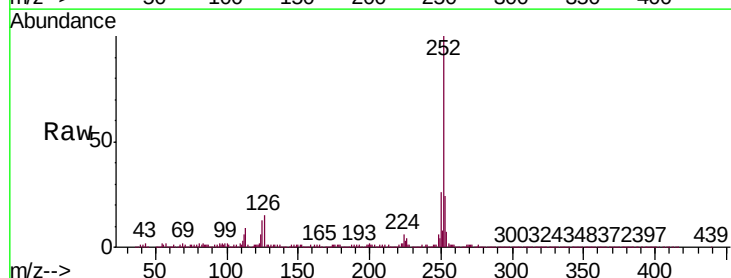
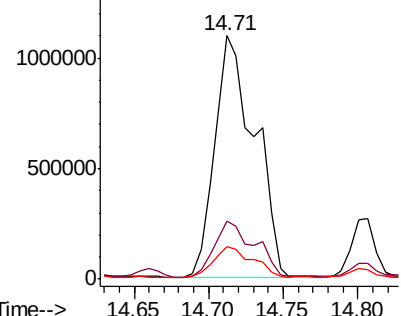
Tgt Ion:252 Resp: 2050088

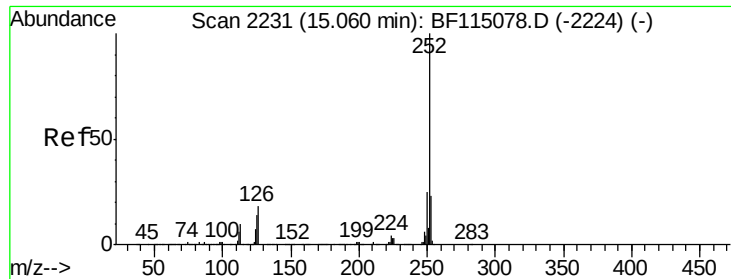
Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.9	28.3
125	13.4	10.2	15.2

Abundance Ion 252.00 (251.70 to 252.70): E

1500000 Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 35.775 ng

RT: 15.03 min Scan# 2226

Delta R.T. -0.03 min

Lab File: BF115254.D

Acq: 28 Jun 2019 00:28

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-C

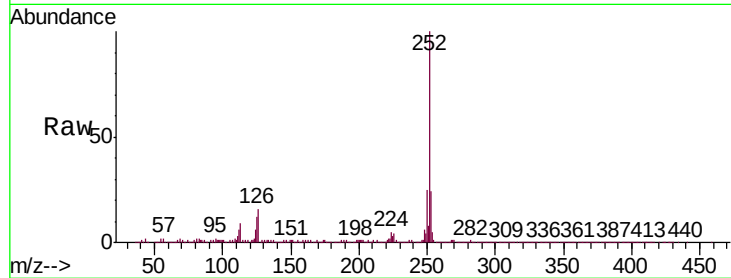
Tgt Ion:252 Resp: 1110468

Ion Ratio Lower Upper

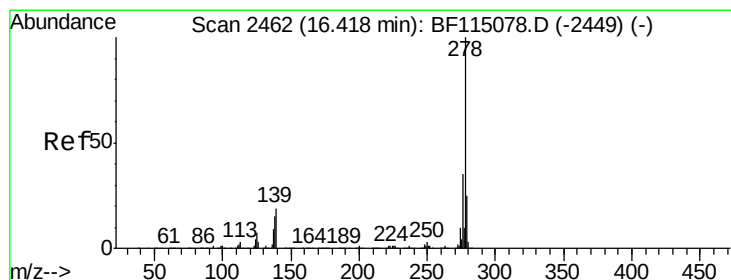
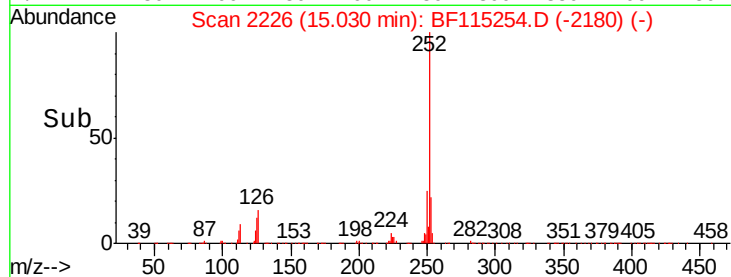
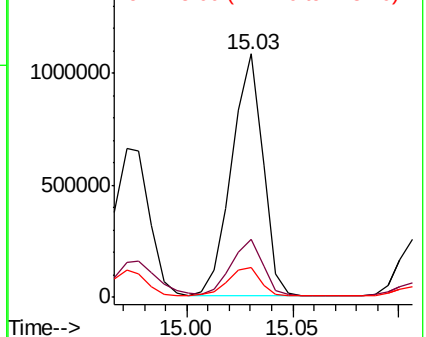
252 100

253 23.7 18.3 27.5

125 12.4 10.9 16.3



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



#91

Dibenzo(a,h)anthracene

Concen: 5.432 ng

RT: 16.35 min Scan# 2451

Delta R.T. -0.06 min

Lab File: BF115254.D

Acq: 28 Jun 2019 00:28

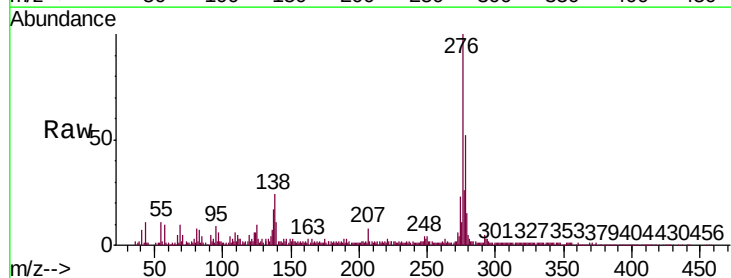
Tgt Ion:278 Resp: 157407

Ion Ratio Lower Upper

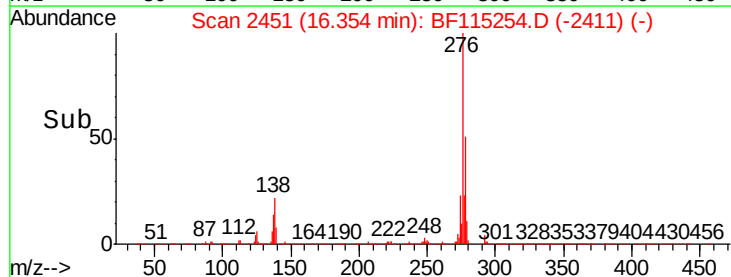
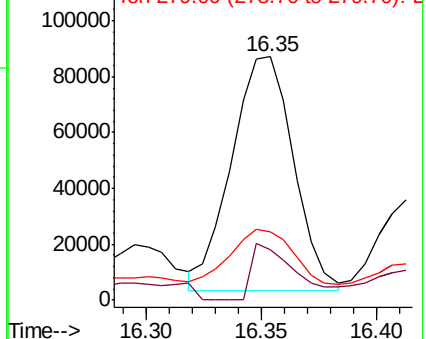
278 100

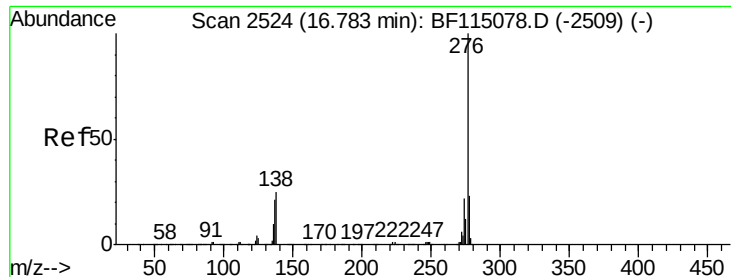
139 20.7 15.4 23.2

279 28.2 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: 17.363 ng

RT: 16.72 min Scan# 2513

Delta R.T. -0.06 min

Lab File: BF115254.D

Acq: 28 Jun 2019 00:28

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-C

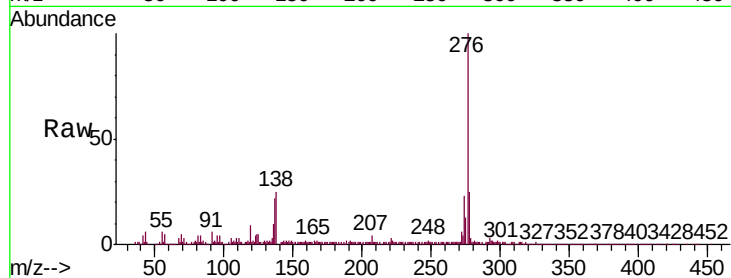
Tgt Ion: 276 Resp: 509240

Ion Ratio Lower Upper

276 100

277 24.6 18.6 28.0

138 25.1 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

