

Data File : BF115249.D
Acq On : 27 Jun 2019 22:15
Operator : HP/JU
Sample : K3532-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Jun 28 05:00:14 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	233741	20.00	ng	-0.02
21) Naphthalene-d8	7.88	136	880219	20.00	ng	-0.02
39) Acenaphthene-d10	9.62	164	431200	20.00	ng	-0.03
64) Phenanthrene-d10	11.09	188	859784	20.00	ng	-0.03
76) Chrysene-d12	13.71	240	744597	20.00	ng	-0.04
87) Perylene-d12	15.07	264	783909	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1653192	109.14	ng	-0.01
7) Phenol-d6	6.24	99	1966514	106.97	ng	-0.02
23) Nitrobenzene-d5	7.16	82	1305014	91.20	ng	-0.02
42) 2,4,6-Tribromophenol	10.41	330	604588	132.96	ng	-0.02
45) 2-Fluorobiphenyl	8.95	172	2386506	94.01	ng	-0.03
79) Terphenyl-d14	12.68	244	2829472	80.79	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.06	88	128	0.018	ng	# 1
4) n-Nitrosodimethylamine	2.80	42	501	0.063	ng	# 1
6) Aniline	6.25	93	702	0.028	ng	# 1
8) 2-Chlorophenol	6.38	128	695	0.041	ng	# 1
9) Benzaldehyde	6.24	77	3083	0.257	ng	# 1
10) Phenol	6.25	94	12181	0.566	ng	# 97
11) bis(2-Chloroethyl)ether	6.37	93	2578	0.162	ng	# 1
12) 1,3-Dichlorobenzene	6.54	146	212	0.011	ng	# 26
13) 1,4-Dichlorobenzene	6.61	146	184	0.010	ng	# 52
14) 1,2-Dichlorobenzene	6.77	146	118	0.007	ng	# 1
15) Benzyl Alcohol	6.75	79	20695	1.546	ng	# 39
16) 2,2'-oxybis(1-Chloropropan	6.88	45	249	0.011	ng	# 67
19) n-Nitroso-di-n-propylamine	7.16	70	174235	14.803	ng	# 78
22) Acetophenone	7.00	105	1427	0.071	ng	# 91
24) Nitrobenzene	7.16	77	4343	0.276	ng	# 31
25) Isophorone	7.16	82	1282284	43.745	ng	# 63
27) 2,4-Dimethylphenol	7.60	122	23725	1.861	ng	# 6
28) bis(2-Chloroethoxy)methane	7.44	93	112	0.006	ng	# 49
30) 1,2,4-Trichlorobenzene	7.82	180	434	0.030	ng	# 80
31) Naphthalene	7.90	128	2020	0.047	ng	# 85
32) Benzoic acid	7.60	122	23725	2.608	ng	# 96
33) 4-Chloroaniline	7.95	127	502	0.025	ng	# 48
37) 2-Methylnaphthalene	8.59	142	1486	0.051	ng	# 87
38) 1-Methylnaphthalene	8.68	142	1179	0.042	ng	# 82
40) 1,2,4,5-Tetrachlorobenzene	8.75	216	581	0.048	ng	# 51
46) 1,1'-Biphenyl	9.05	154	5778	0.167	ng	# 95
47) 2-Chloronaphthalene	9.07	162	638	0.023	ng	# 70
48) 2-Nitroaniline	9.34	65	358	0.044	ng	# 1
49) Acenaphthylene	9.48	152	720	0.017	ng	# 59
50) Dimethylphthalate	9.35	163	47292	1.491	ng	# 98
51) 2,6-Dinitrotoluene	9.62	165	55751	7.612	ng	# 29
52) Acenaphthene	9.65	154	1917	0.070	ng	# 94
55) Dibenzofuran	9.82	168	1824	0.047	ng	# 98
56) 4-Nitrophenol	9.82	139	735	0.103	ng	# 11

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TRIANGLE-AREA-SOIL-A

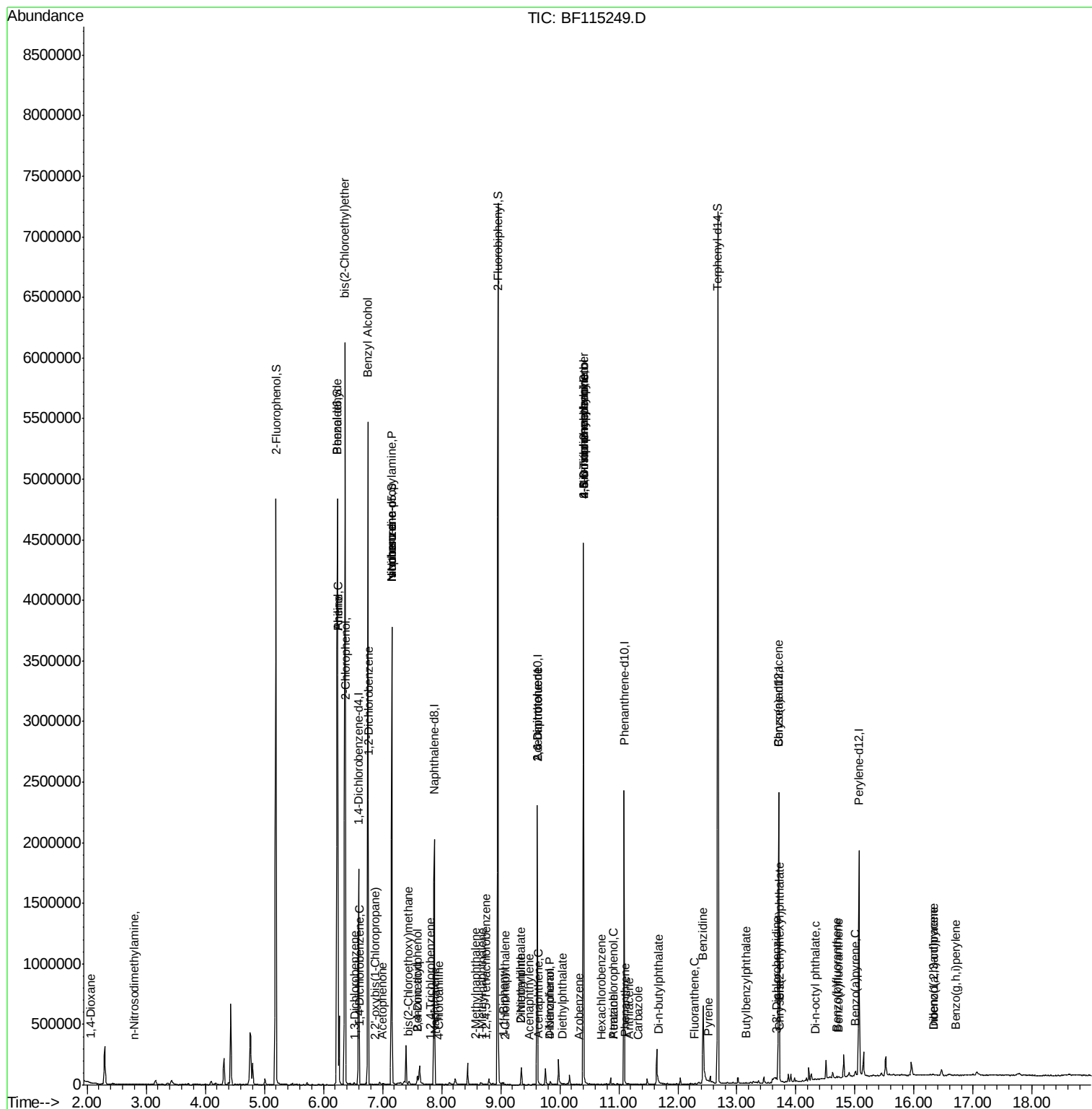
Quant Time: Jun 28 05:00:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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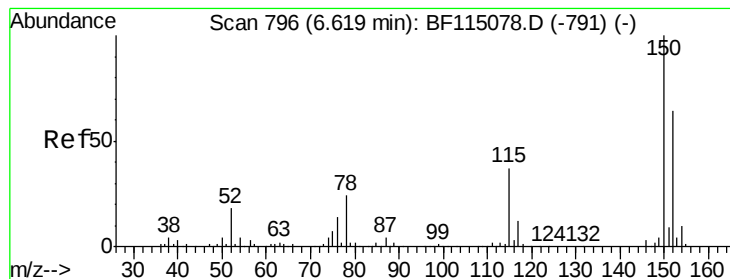
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
57) 2,4-Dinitrotoluene	9.62	165	55751	5.895	ng	# 30
58) Fluorene	10.16	166	1956	Below Cal		87
60) Diethylphthalate	10.05	149	924	0.029	ng	# 58
61) 4-Chlorophenyl-phenylether	10.16	204	293	Below Cal		# 67
63) Azobenzene	10.32	77	1449	0.049	ng	# 70
65) 4,6-Dinitro-2-methylphenol	10.41	198	1280	5.211	ng	# 1
66) n-Nitrosodiphenylamine	10.40	169	17422	0.650	ng	# 45
67) 4-Bromophenyl-phenylether	10.40	248	38480	4.128	ng	# 1
68) Hexachlorobenzene	10.71	284	124	0.012	ng	# 43
69) Atrazine	10.90	200	127	0.015	ng	# 36
70) Pentachlorophenol	10.91	266	1675	0.260	ng	# 83
71) Phenanthrene	11.11	178	4498	0.097	ng	94
72) Anthracene	11.17	178	1814	0.039	ng	96
73) Carbazole	11.32	167	1004	0.024	ng	# 58
74) Di-n-butylphthalate	11.67	149	3290	0.068	ng	# 94
75) Fluoranthene	12.29	202	3447	0.075	ng	98
77) Benzidine	12.42	184	10547	0.319	ng	# 54
78) Pyrene	12.51	202	2812	0.049	ng	97
80) Butylbenzylphthalate	13.15	149	691	0.027	ng	# 58
81) Benzo(a)anthracene	13.70	228	4045	0.076	ng	# 89
82) 3,3'-Dichlorobenzidine	13.67	252	1467	0.076	ng	# 86
83) Chrysene	13.73	228	2194	0.045	ng	# 88
84) Bis(2-ethylhexyl)phthalate	13.72	149	3866	0.117	ng	# 96
85) Di-n-octyl phthalate	14.33	149	2259	0.041	ng	# 79
86) Indeno(1,2,3-cd)pyrene	16.32	276	2028	0.035	ng	# 79
88) Benzo(b)fluoranthene	14.69	252	2250	0.046	ng	# 78
89) Benzo(k)fluoranthene	14.72	252	2243	0.051	ng	# 86
90) Benzo(a)pyrene	15.01	252	2021	0.046	ng	# 58
91) Dibenzo(a,h)anthracene	16.34	278	1515	0.037	ng	# 59
92) Benzo(g,h,i)perylene	16.69	276	1875	0.045	ng	# 51

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

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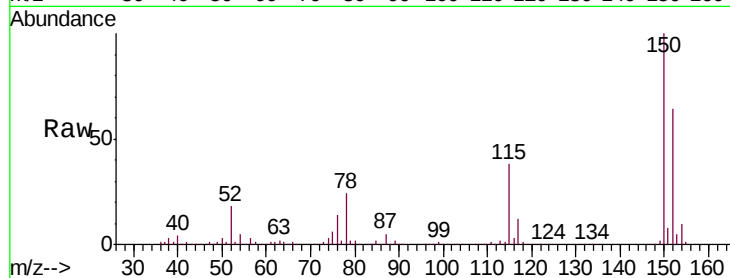


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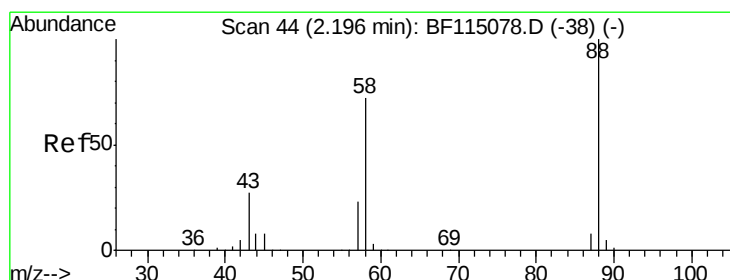
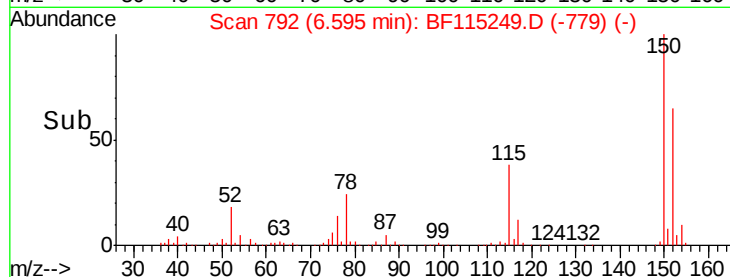
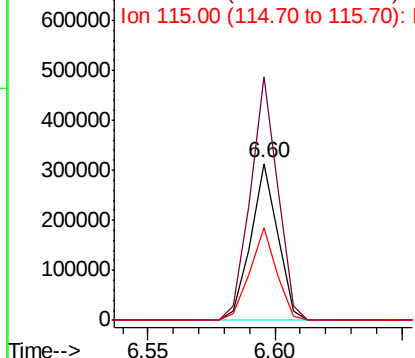
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 792
Delta R.T. -0.02 min
Lab File: BF115249.D
Acq: 27 Jun 2019 22:15

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

Tgt Ion: 152 Resp: 233741
Ion Ratio Lower Upper
152 100
150 155.2 124.2 186.2
115 59.4 46.1 69.1



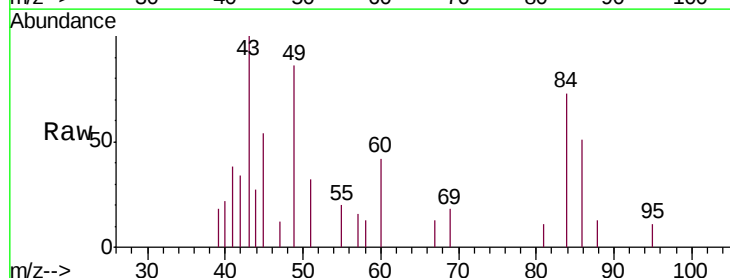
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



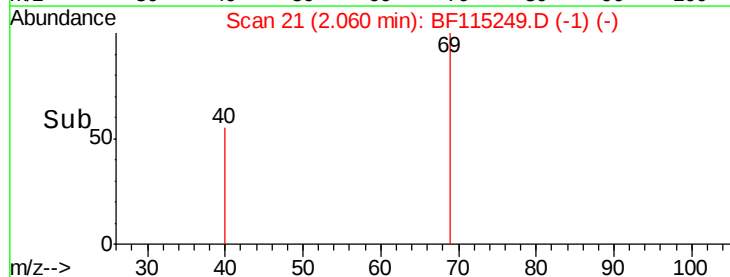
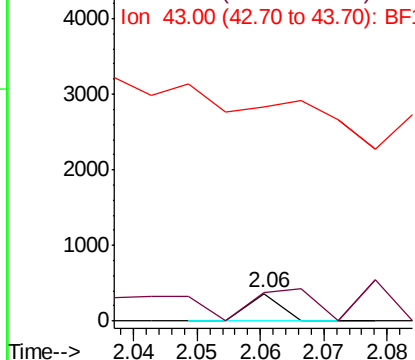
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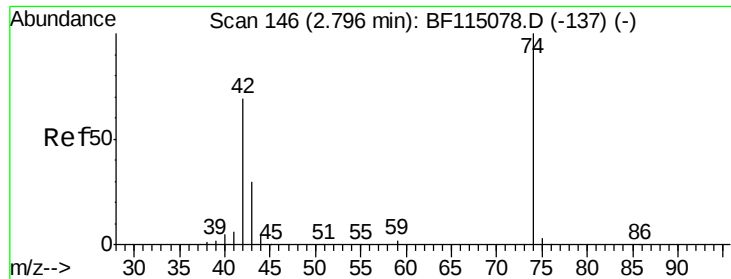
1,4-Dioxane
Concen: 0.018 ng
RT: 2.06 min Scan# 21
Delta R.T. -0.14 min
Lab File: BF115249.D
Acq: 27 Jun 2019 22:15

Tgt Ion: 88 Resp: 128
Ion Ratio Lower Upper
88 100
58 224.2 56.1 84.1#
43 0.0 21.3 31.9#



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



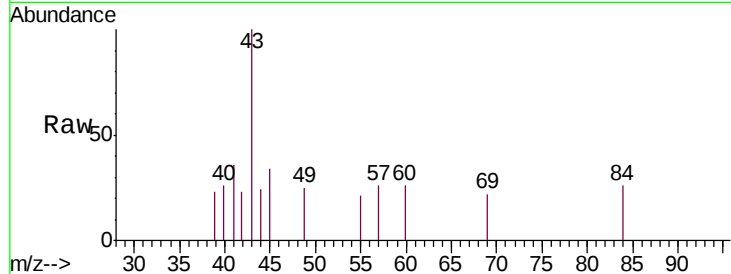


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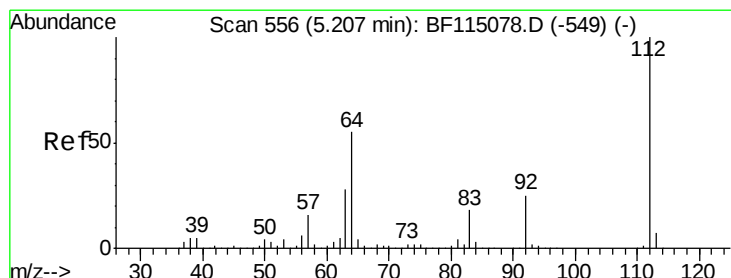
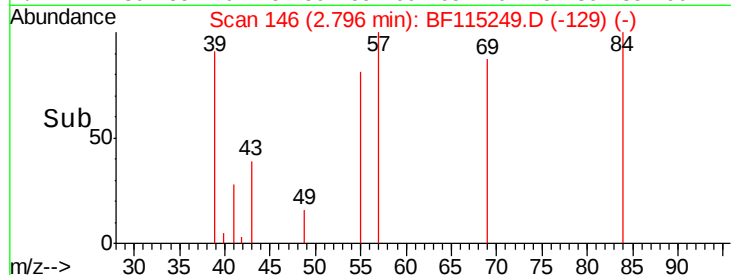
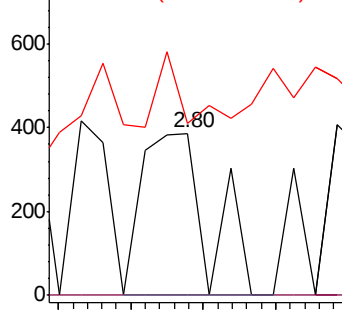
n-Nitrosodimethylamine
 Concen: 0.063 ng
 RT: 2.80 min Scan# 146
 Delta R.T. 0.00 min
 Lab File: BF115249.D
 Acq: 27 Jun 2019 22:15

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 TRIANGLE-AREA-SOIL-A

Tgt Ion: 42 Resp: 501
 Ion Ratio Lower Upper
 42 100
 74 0.0 116.6 175.0#
 44 106.2 5.3 7.9#



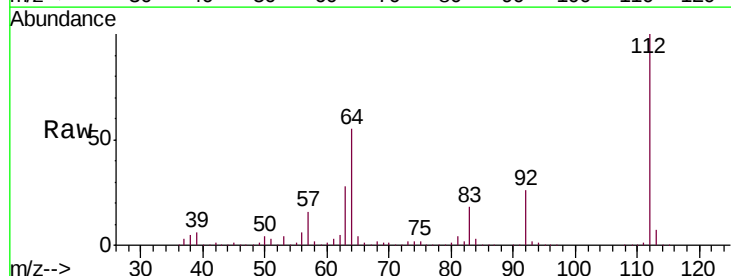
Abundance Ion 42.00 (41.70 to 42.70): BF1
 Ion 74.00 (73.70 to 74.70): BF1
 Ion 44.00 (43.70 to 44.70): BF1



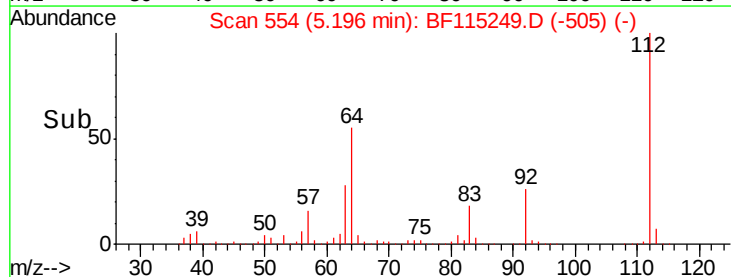
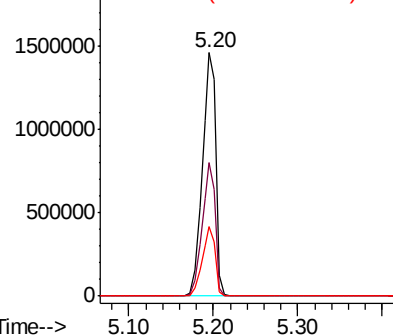
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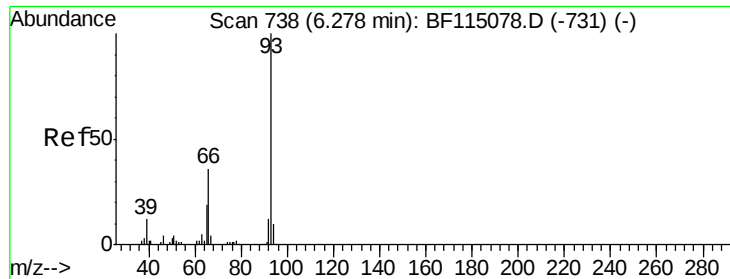
2-Fluorophenol
 Concen: 109.145 ng
 RT: 5.20 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF115249.D
 Acq: 27 Jun 2019 22:15

Tgt Ion: 112 Resp: 1653192
 Ion Ratio Lower Upper
 112 100
 64 55.0 43.8 65.6
 63 28.4 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#6

Aniline

Concen: 0.028 ng

RT: 6.25 min Scan# 733

Delta R.T. -0.03 min

Lab File: BF115249.D

Acq: 27 Jun 2019 22:15

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-A

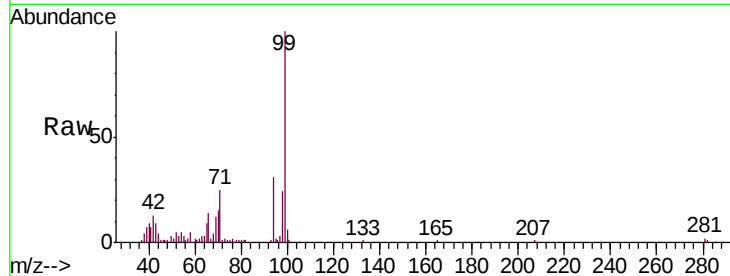
Tgt Ion: 93 Resp: 702

Ion Ratio Lower Upper

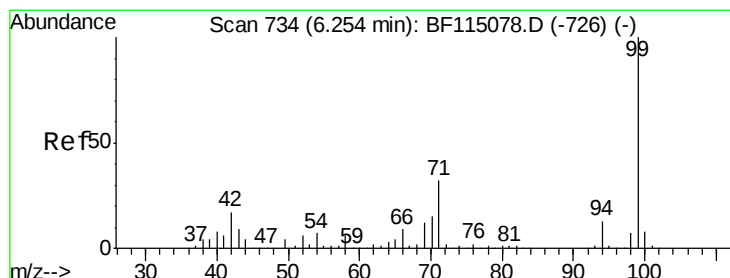
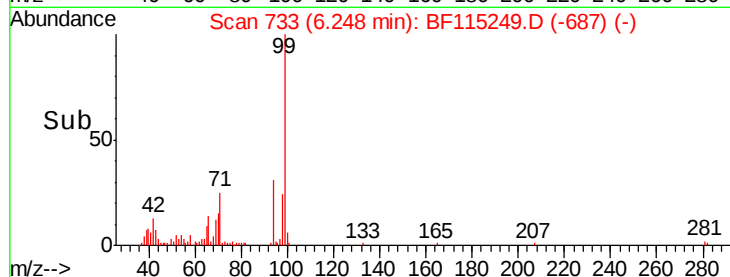
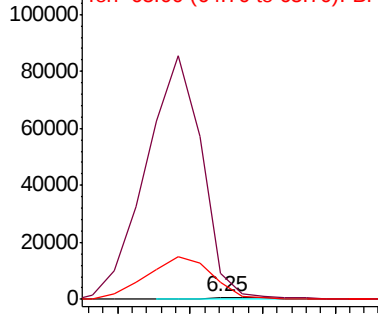
93 100

66 1209.7 30.0 45.0#

65 772.3 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: 106.966 ng

RT: 6.24 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF115249.D

Acq: 27 Jun 2019 22:15

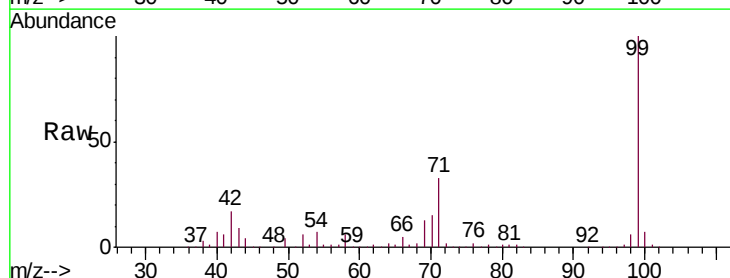
Tgt Ion: 99 Resp: 1966514

Ion Ratio Lower Upper

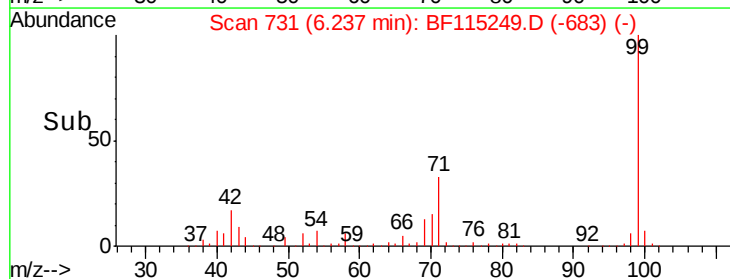
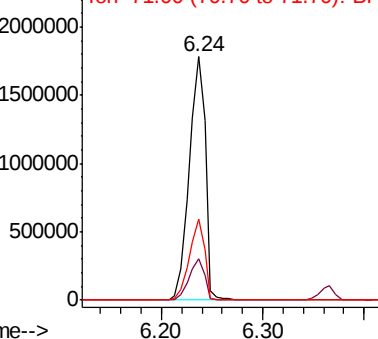
99 100

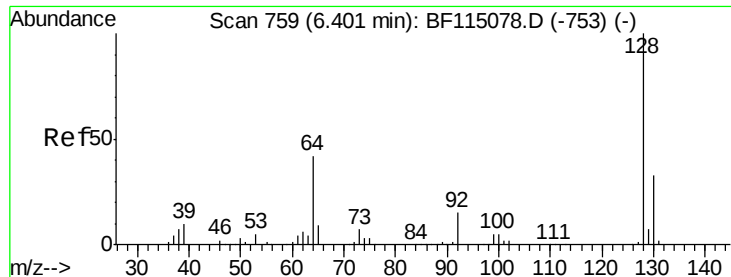
42 16.9 13.6 20.4

71 33.1 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: 0.041 ng

RT: 6.38 min Scan# 755

Delta R.T. -0.02 min

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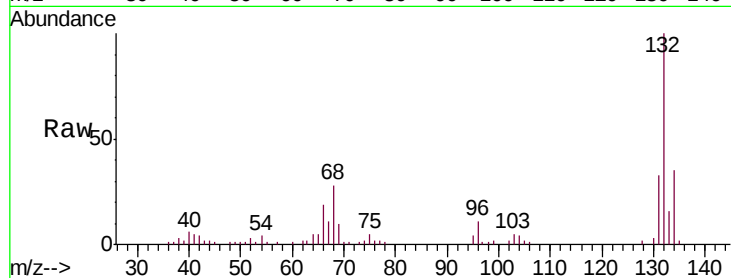
Tgt Ion:128 Resp: 695

Ion Ratio Lower Upper

128 100

130 119.1 12.9 52.9#

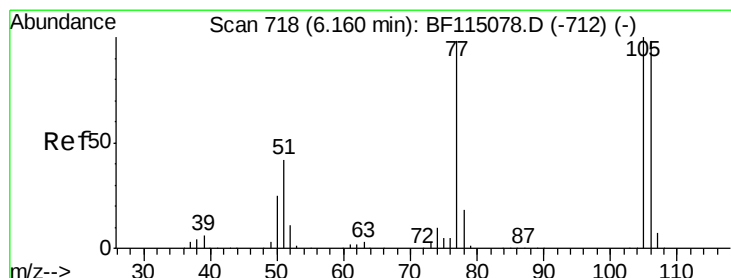
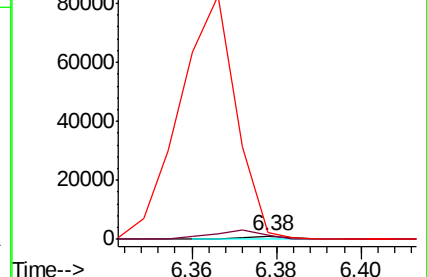
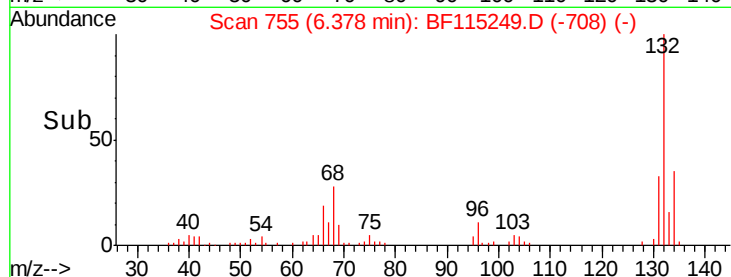
64 207.2 22.9 62.9#



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: 0.257 ng

RT: 6.24 min Scan# 731

Delta R.T. 0.08 min

Lab File: BF115249.D

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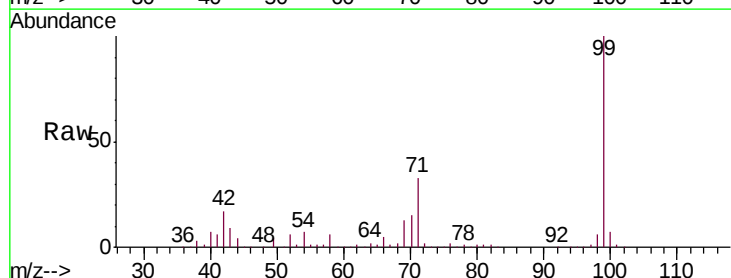
Tgt Ion: 77 Resp: 3083

Ion Ratio Lower Upper

77 100

105 0.0 81.5 121.5#

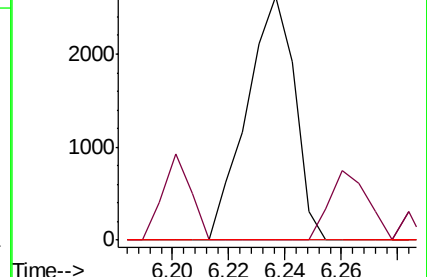
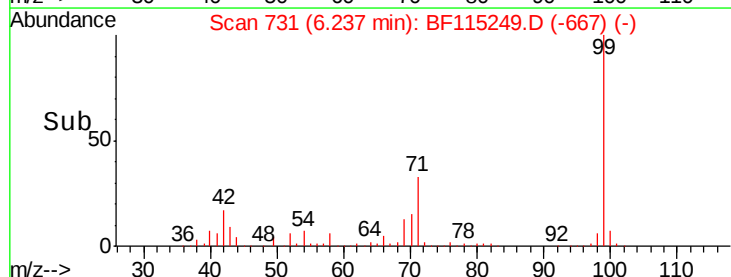
106 0.0 79.7 119.7#

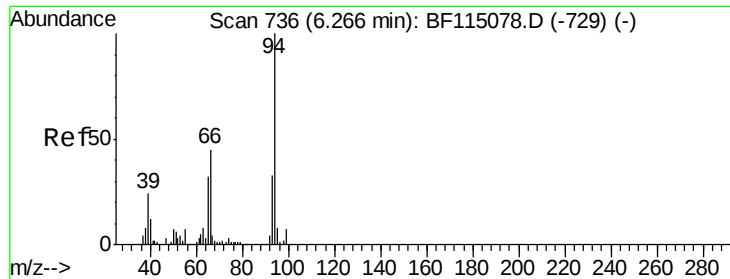


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.566 ng

RT: 6.25 min Scan# 733

Delta R.T. -0.02 min

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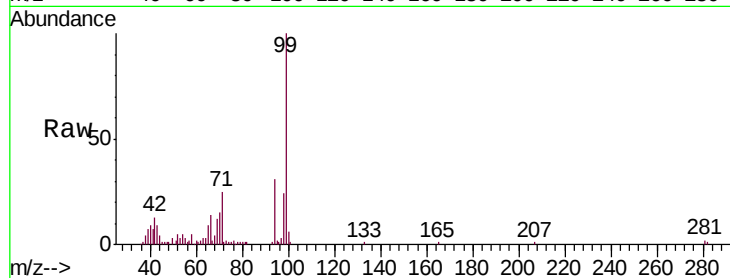
Tgt Ion: 94 Resp: 12181

Ion Ratio Lower Upper

94 100

65 29.3 11.9 51.9

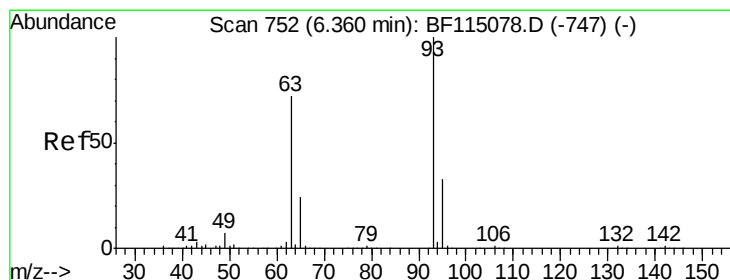
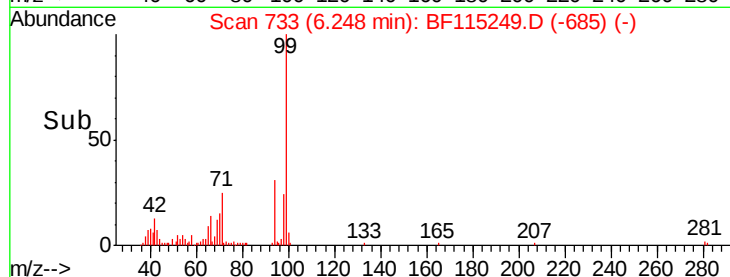
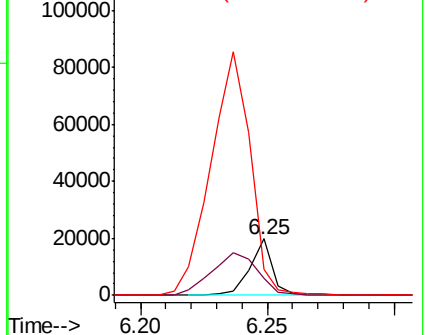
66 45.9 25.2 65.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



#11

bis(2-Chloroethyl)ether

Concen: 0.162 ng

RT: 6.37 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF115249.D

Acq: 27 Jun 2019 22:15

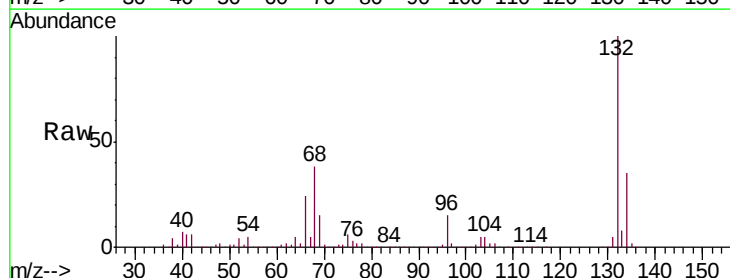
Tgt Ion: 93 Resp: 2578

Ion Ratio Lower Upper

93 100

63 606.0 51.5 91.5#

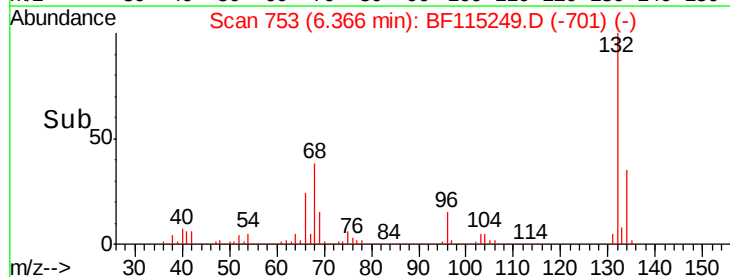
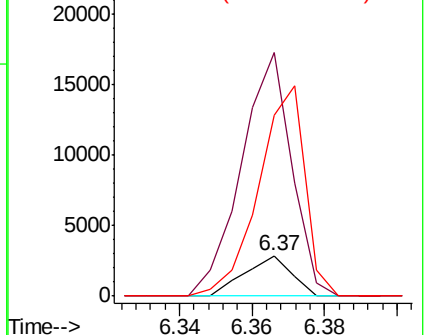
95 448.7 13.4 53.4#

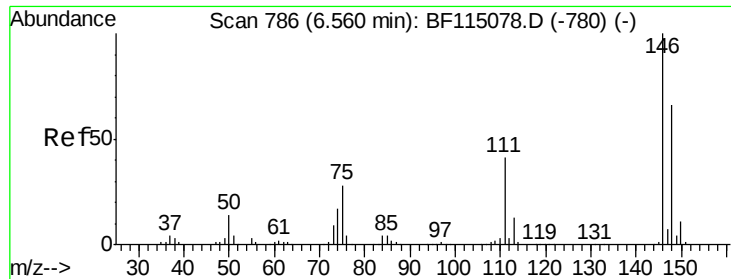


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

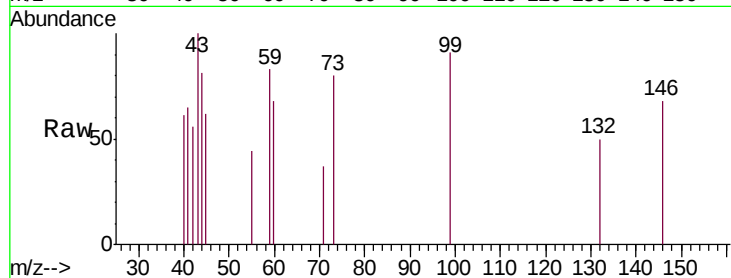




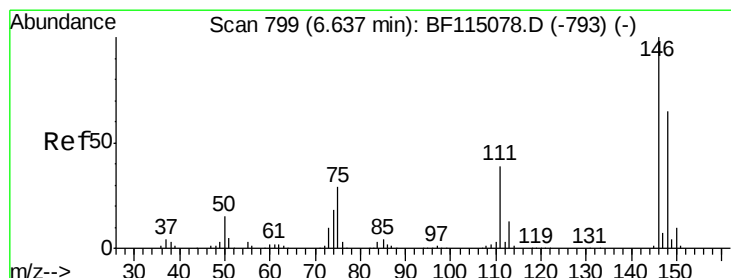
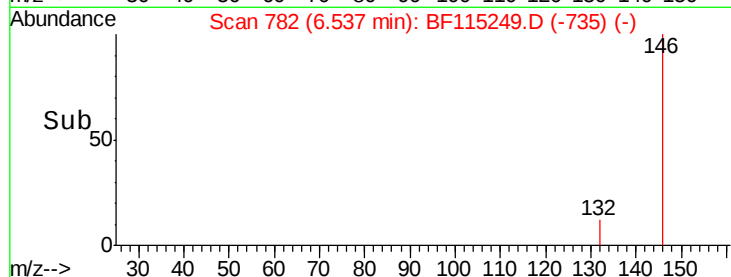
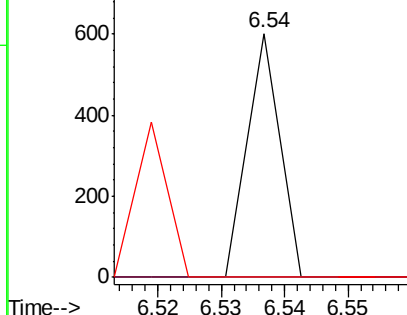
#12
 1,3-Dichlorobenzene
 Concen: 0.011 ng
 RT: 6.54 min Scan# 782
 Delta R.T. -0.02 min
 Lab File: BF115249.D
 Acq: 27 Jun 2019 22:15

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

Tgt Ion:146 Resp: 212
 Ion Ratio Lower Upper
 146 100
 148 0.0 52.6 78.8#
 75 0.0 22.6 34.0#

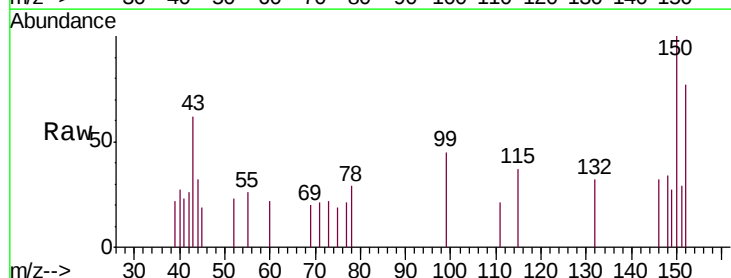


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF1

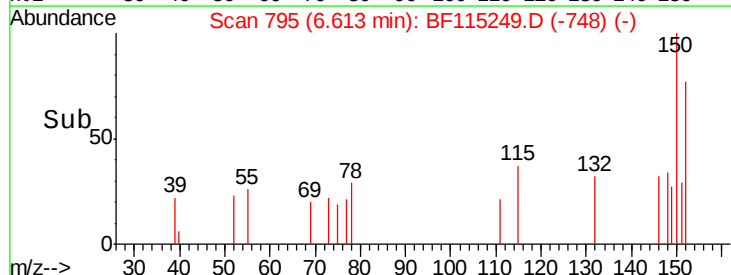
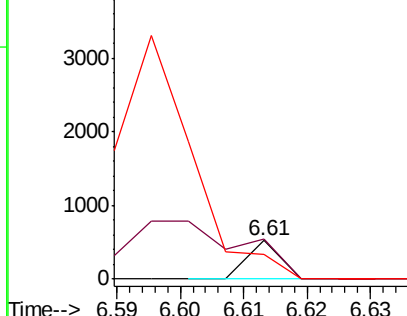


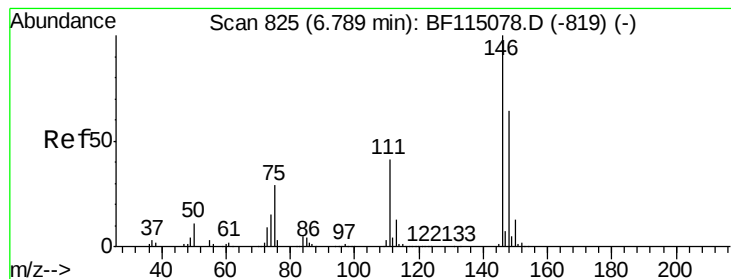
#13
 1,4-Dichlorobenzene
 Concen: 0.010 ng
 RT: 6.61 min Scan# 795
 Delta R.T. -0.02 min
 Lab File: BF115249.D
 Acq: 27 Jun 2019 22:15

Tgt Ion:146 Resp: 184
 Ion Ratio Lower Upper
 146 100
 148 105.0 51.9 77.9#
 111 65.2 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

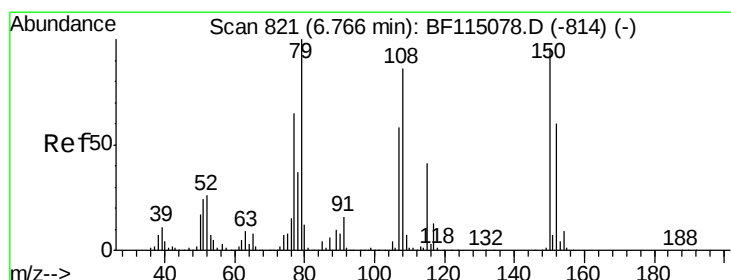
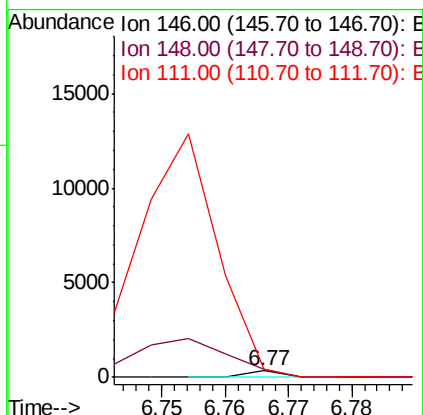
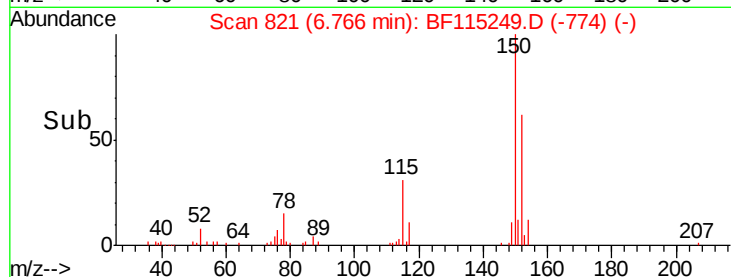
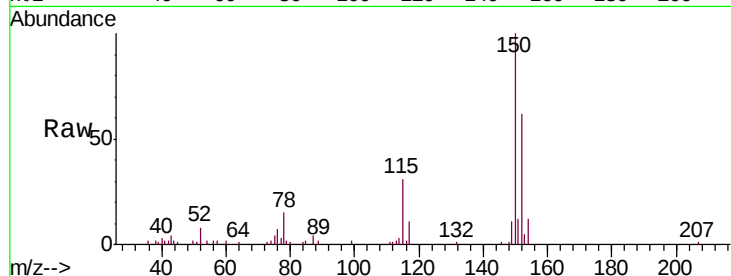




#14
1,2-Dichlorobenzene
Concen: 0.007 ng
RT: 6.77 min Scan# 821
Delta R.T. -0.02 min
Lab File: BF115249.D
Acq: 27 Jun 2019 22:15

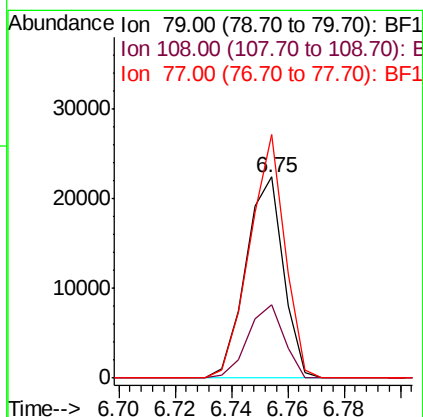
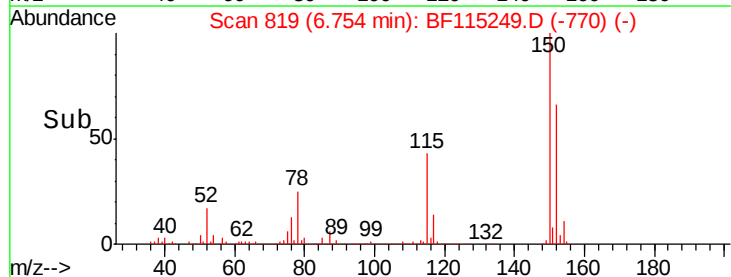
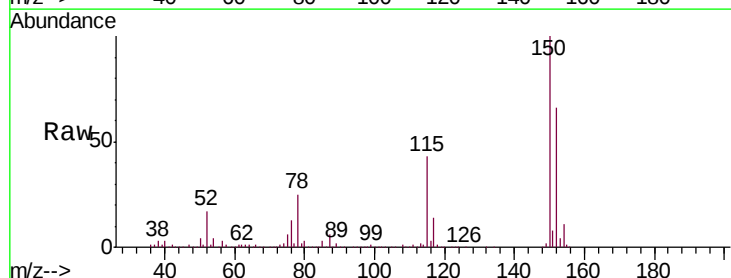
Instrument :
BNA_F
ClientSampleId :
TRIANGLE-AREA-SOIL-A

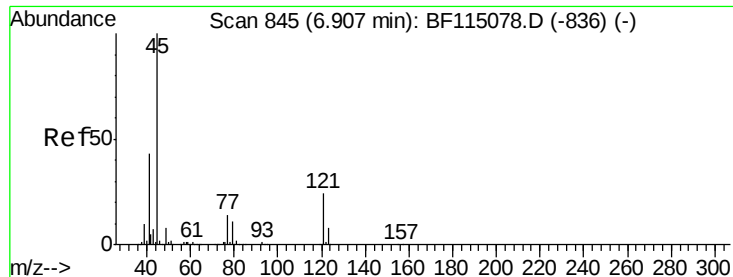
Tgt Ion:146 Resp: 118
Ion Ratio Lower Upper
146 100
148 121.9 51.1 76.7#
111 131.5 33.2 49.8#



#15
Benzyl Alcohol
Concen: 1.546 ng
RT: 6.75 min Scan# 819
Delta R.T. -0.01 min
Lab File: BF115249.D
Acq: 27 Jun 2019 22:15

Tgt Ion: 79 Resp: 20695
Ion Ratio Lower Upper
79 100
108 36.7 68.7 103.1#
77 121.0 51.7 77.5#

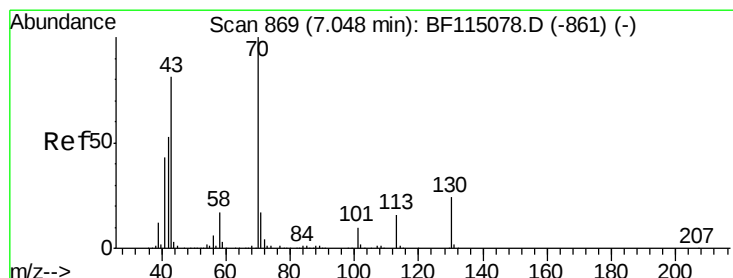
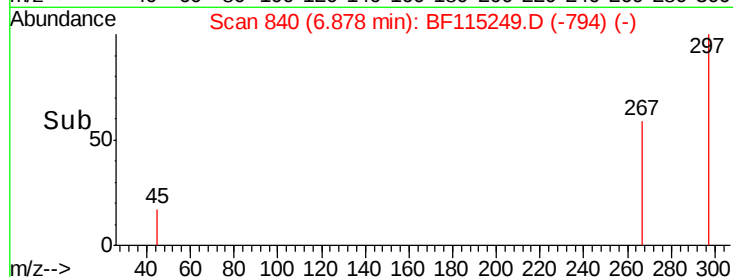
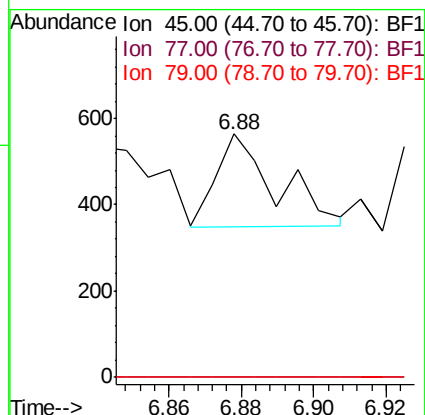
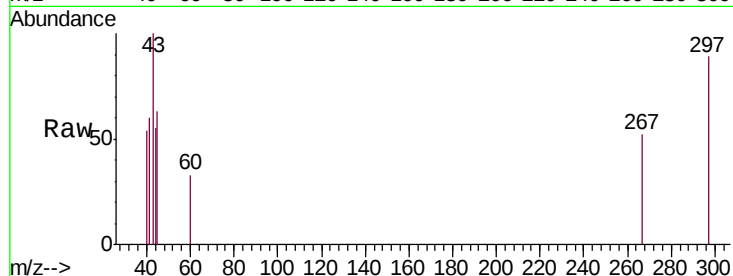




#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 0.011 ng
 RT: 6.88 min Scan# 840
 Delta R.T. -0.03 min
 Lab File: BF115249.D
 Acq: 27 Jun 2019 22:15

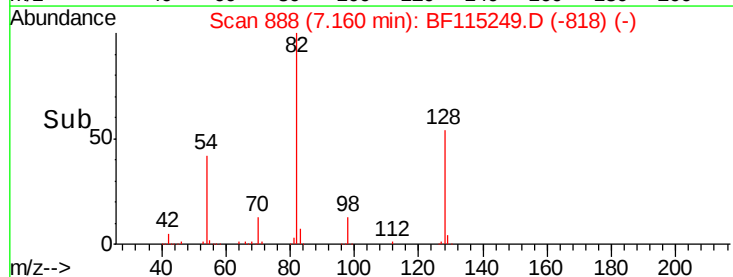
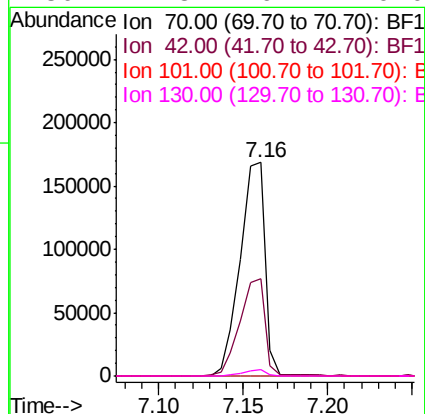
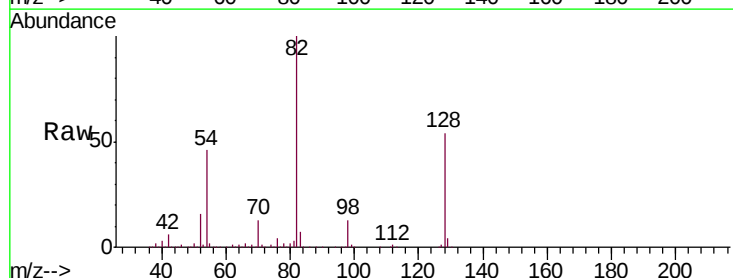
Instrument :
 BNA_F
 ClientSampleId :
 TRIANGLE-AREA-SOIL-A

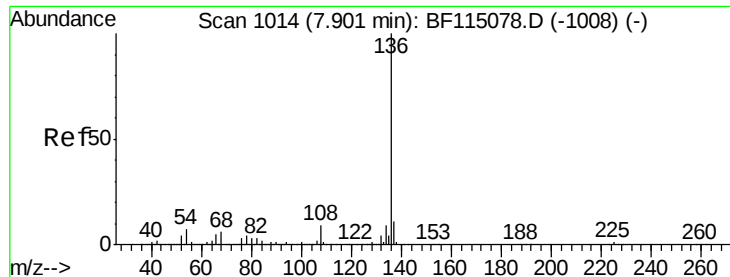
Tgt Ion:	45	Resp:	249
Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	34.6
79	0.0	0.0	31.2



#19
 n-Nitroso-di-n-propylamine
 Concen: 14.803 ng
 RT: 7.16 min Scan# 888
 Delta R.T. 0.11 min
 Lab File: BF115249.D
 Acq: 27 Jun 2019 22:15

Tgt Ion:	70	Resp:	174235
Ion	Ratio	Lower	Upper
70	100		
42	45.3	42.6	63.8
101	0.0	8.0	12.0#
130	2.8	19.4	29.0#

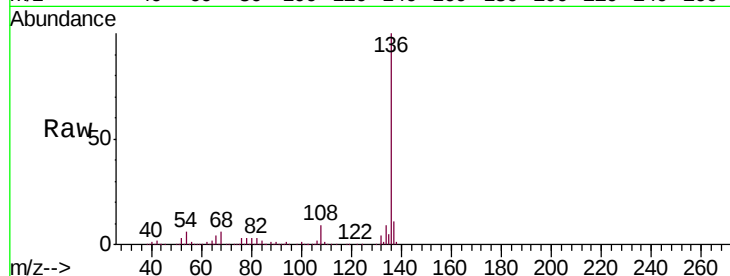




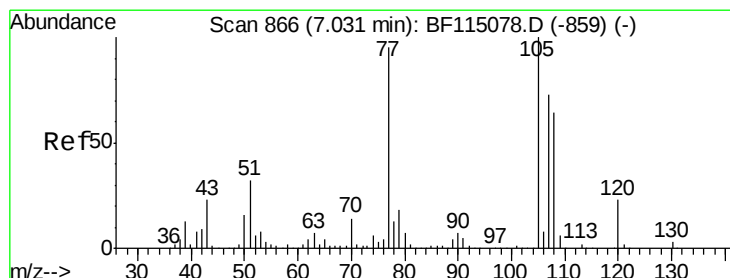
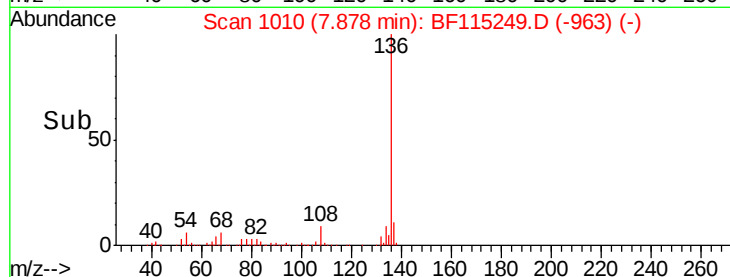
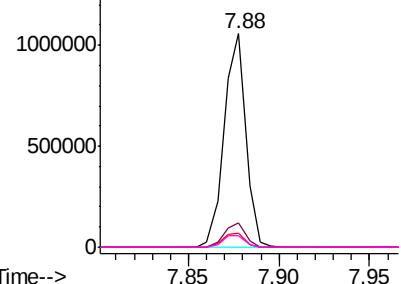
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BF115249.D
Acq: 27 Jun 2019 22:15

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

Tgt Ion:	136	Resp:	880219
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	6.4	5.6	8.4
68	5.5	4.8	7.2

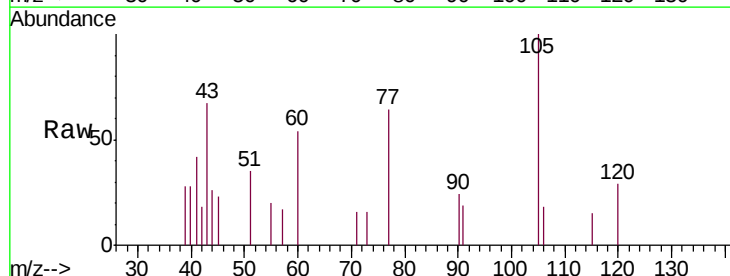


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

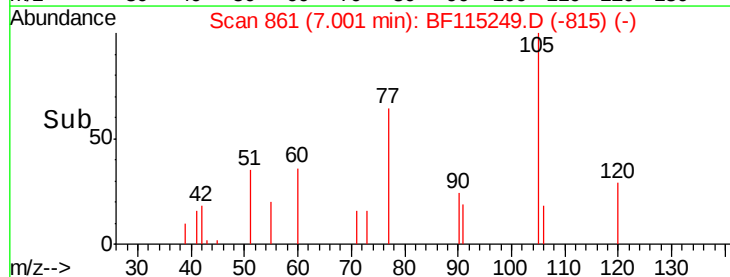
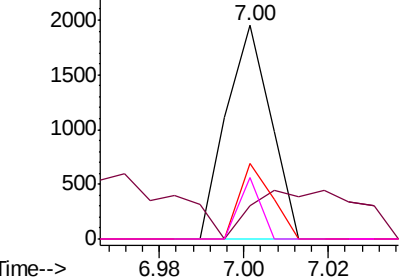


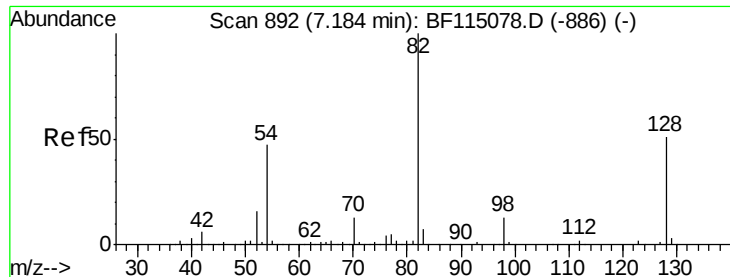
#22
Acetophenone
Concen: 0.071 ng
RT: 7.00 min Scan# 861
Delta R.T. -0.03 min
Lab File: BF115249.D
Acq: 27 Jun 2019 22:15

Tgt Ion:	105	Resp:	1427
Ion	Ratio	Lower	Upper
105	100		
71	15.6	1.9	2.9#
51	35.3	25.8	38.8
120	29.0	18.5	27.7#



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

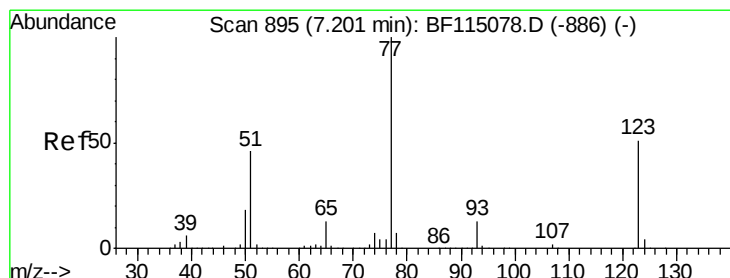
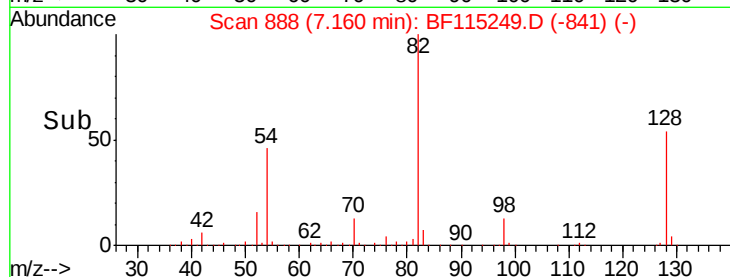
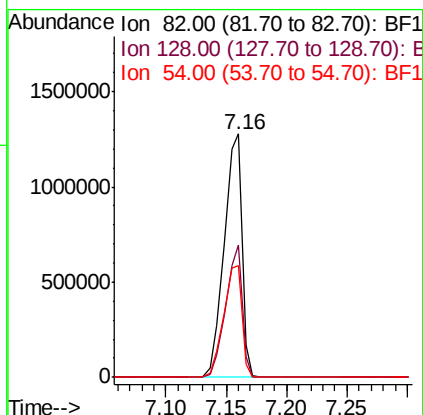
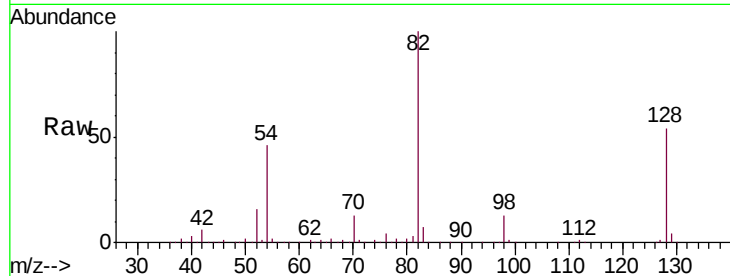




#23
 Nitrobenzene-d5
 Concen: 91.203 ng
 RT: 7.16 min Scan# 888
 Delta R.T. -0.02 min
 Lab File: BF115249.D
 Acq: 27 Jun 2019 22:15

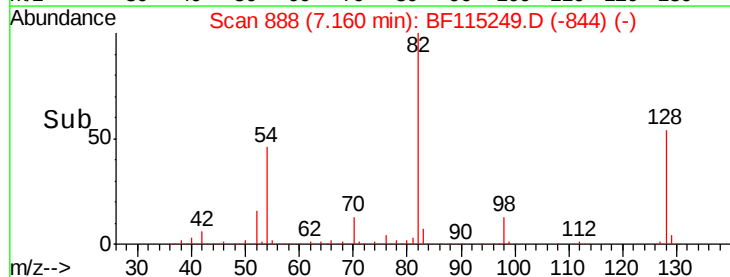
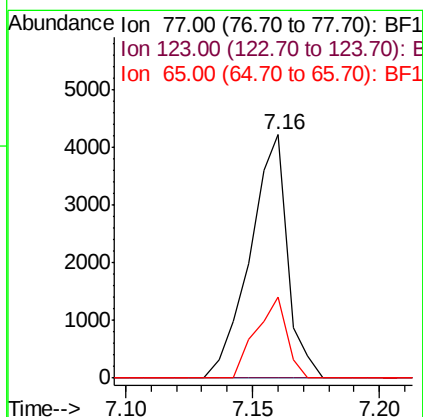
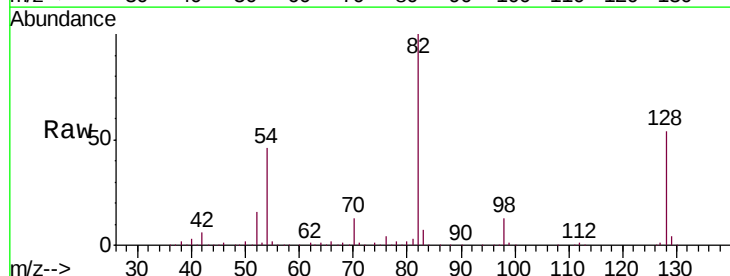
Instrument :
 BNA_F
 ClientSampleId :
 TRIANGLE-AREA-SOIL-A

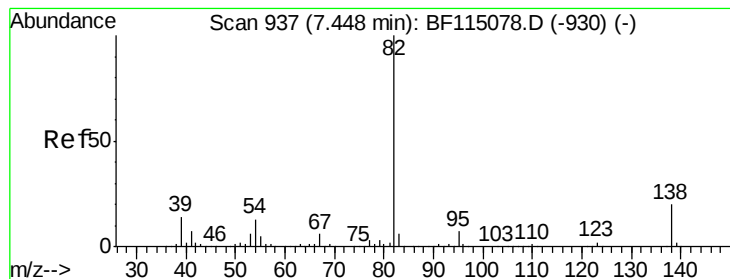
Tgt Ion: 82 Resp: 1305014
 Ion Ratio Lower Upper
 82 100
 128 54.1 40.4 60.6
 54 46.0 37.5 56.3



#24
 Nitrobenzene
 Concen: 0.276 ng
 RT: 7.16 min Scan# 888
 Delta R.T. -0.04 min
 Lab File: BF115249.D
 Acq: 27 Jun 2019 22:15

Tgt Ion: 77 Resp: 4343
 Ion Ratio Lower Upper
 77 100
 123 0.0 41.0 61.6#
 65 33.5 10.5 15.7#





#25

Isophorone

Concen: 43.745 ng

RT: 7.16 min Scan# 888

Delta R.T. -0.29 min

Lab File: BF115249.D

Acq: 27 Jun 2019 22:15

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-A

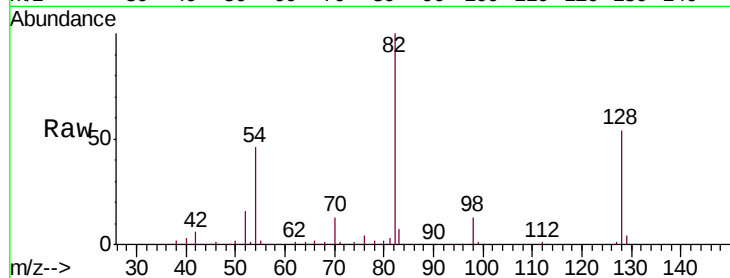
Tgt Ion: 82 Resp: 1282284

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

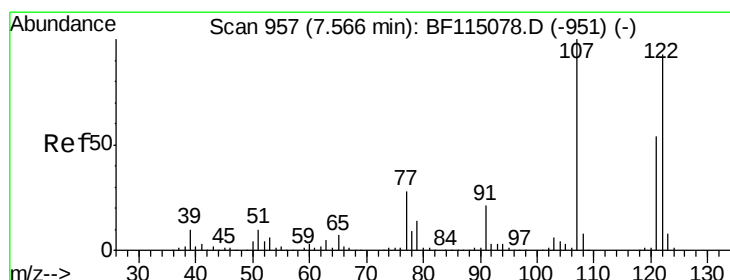
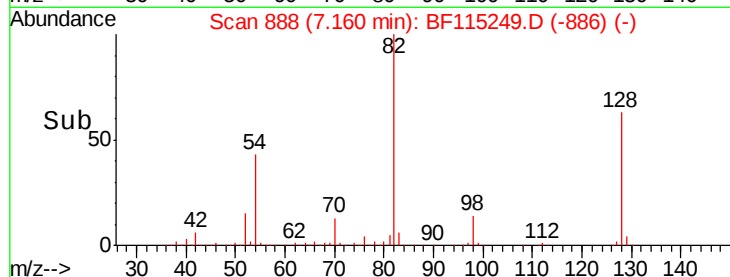
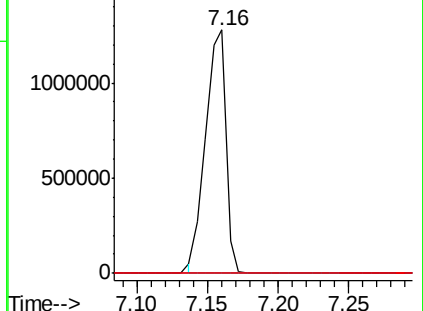
138 0.0 15.9 23.9#



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



#27

2,4-Dimethylphenol

Concen: 1.861 ng

RT: 7.60 min Scan# 962

Delta R.T. 0.03 min

Lab File: BF115249.D

Acq: 27 Jun 2019 22:15

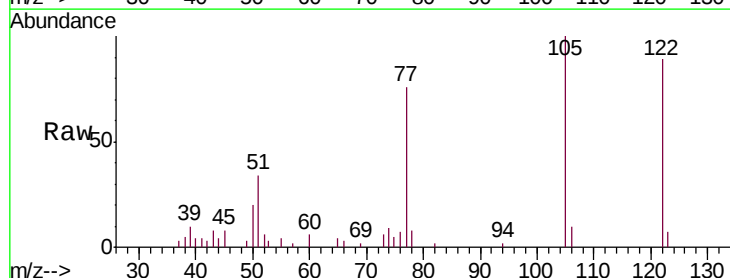
Tgt Ion: 122 Resp: 23725

Ion Ratio Lower Upper

122 100

107 0.0 85.8 128.6#

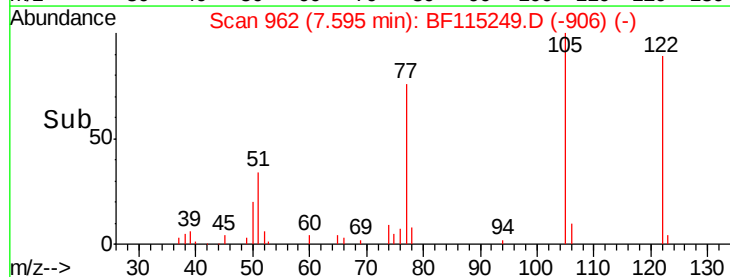
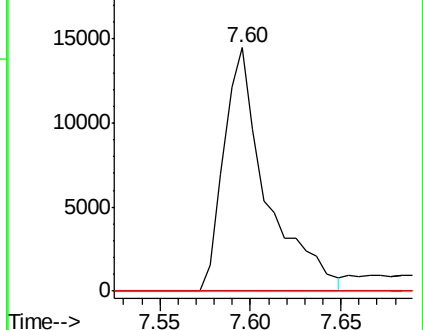
121 0.0 46.3 69.5#

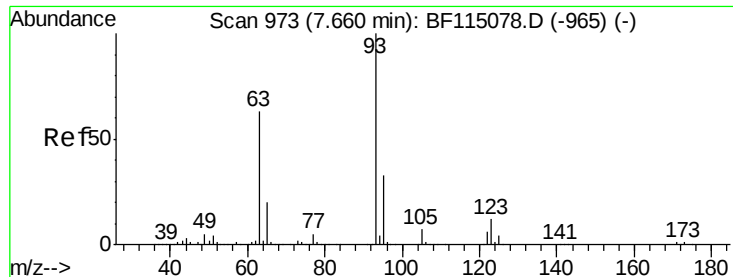


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

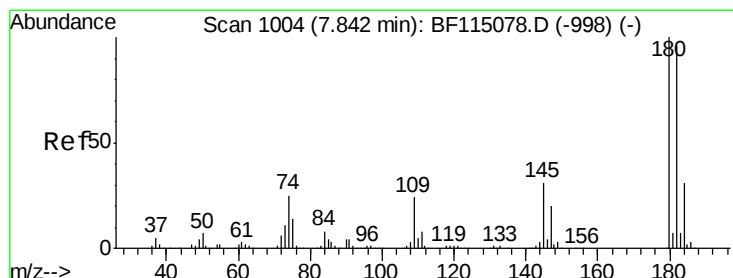
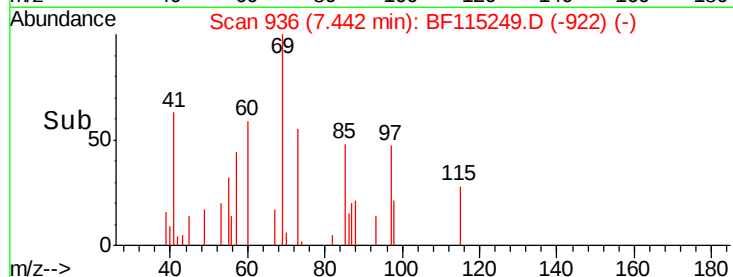
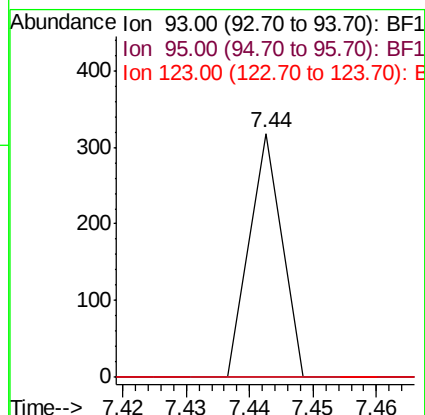
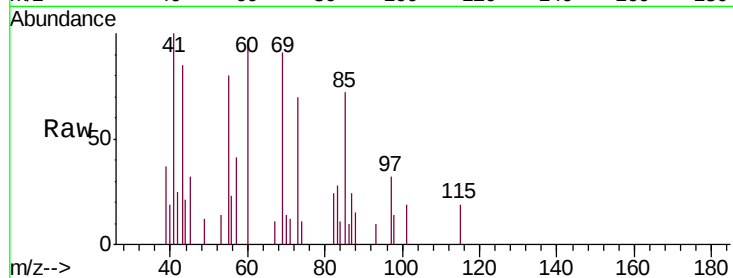




#28
bis(2-Chloroethoxy)methane
Concen: 0.006 ng
RT: 7.44 min Scan# 936
Delta R.T. -0.22 min
Lab File: BF115249.D
Acq: 27 Jun 2019 22:15

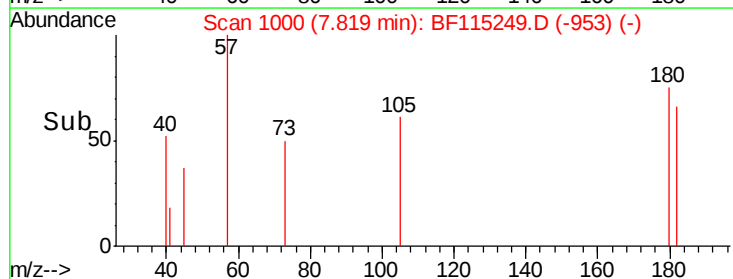
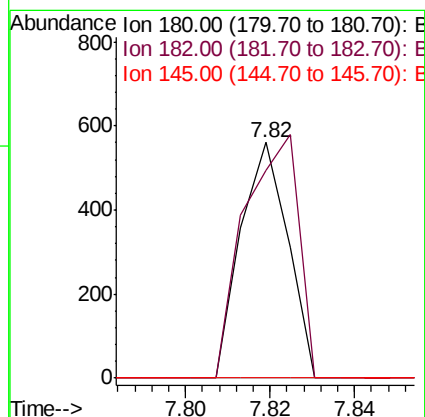
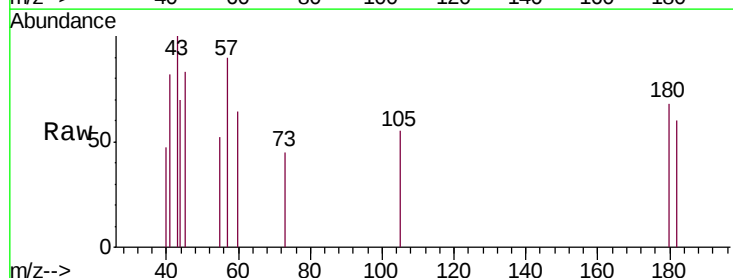
Instrument :
BNA_F
ClientSampleId :
TRIANGLE-AREA-SOIL-A

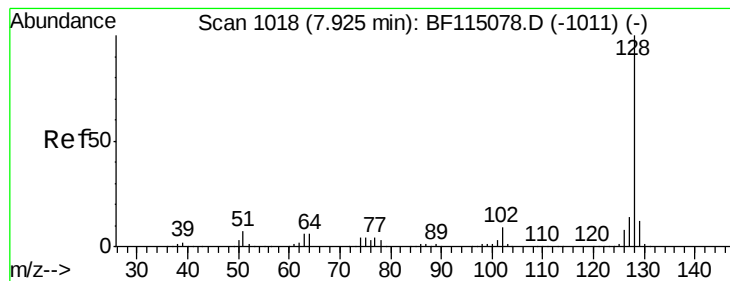
Tgt Ion: 93 Resp: 112
Ion Ratio Lower Upper
93 100
95 0.0 26.2 39.4#
123 0.0 9.7 14.5#



#30
1,2,4-Trichlorobenzene
Concen: 0.030 ng
RT: 7.82 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF115249.D
Acq: 27 Jun 2019 22:15

Tgt Ion: 180 Resp: 434
Ion Ratio Lower Upper
180 100
182 88.1 76.4 114.6
145 0.0 24.8 37.2#





#31

Naphthalene

Concen: 0.047 ng

RT: 7.90 min Scan# 1013

Delta R.T. -0.03 min

Lab File: BF115249.D

Acq: 27 Jun 2019 22:15

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-A

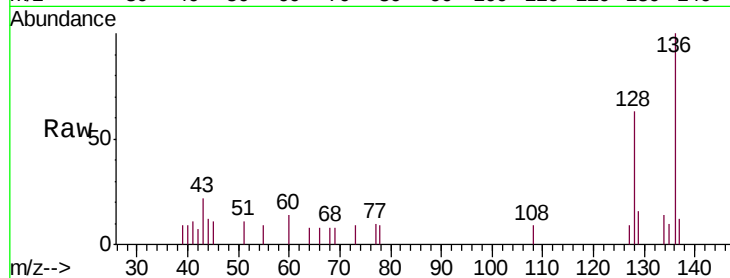
Tgt Ion:128 Resp: 2020

Ion Ratio Lower Upper

128 100

129 24.5 9.6 14.4#

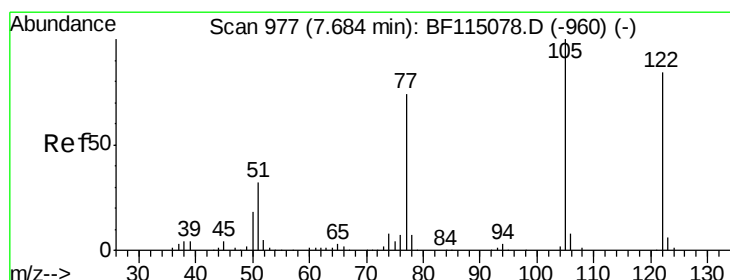
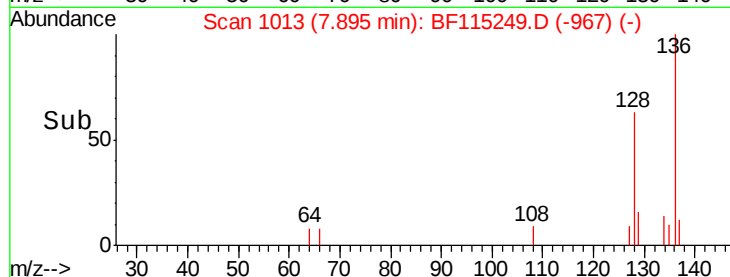
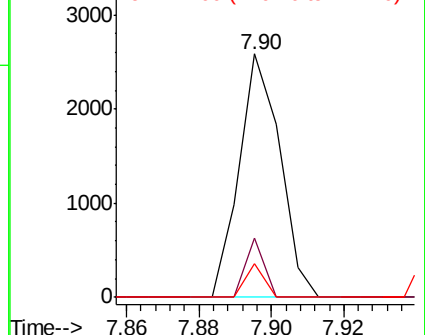
127 13.6 11.4 17.0



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: 2.608 ng

RT: 7.60 min Scan# 962

Delta R.T. -0.09 min

Lab File: BF115249.D

Acq: 27 Jun 2019 22:15

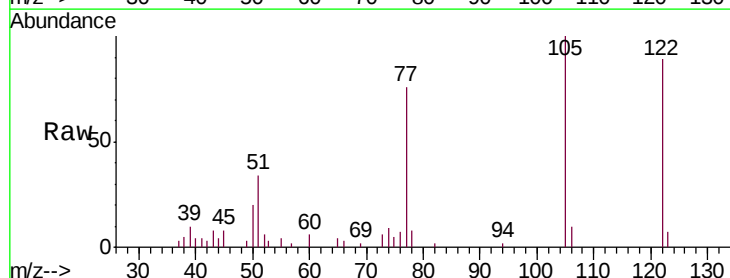
Tgt Ion:122 Resp: 23725

Ion Ratio Lower Upper

122 100

105 112.5 98.2 138.2

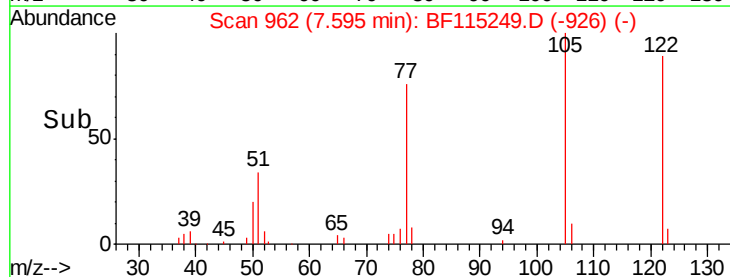
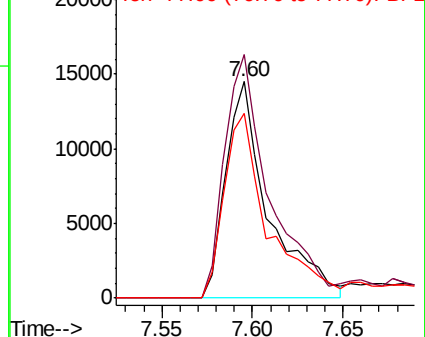
77 85.3 67.0 107.0

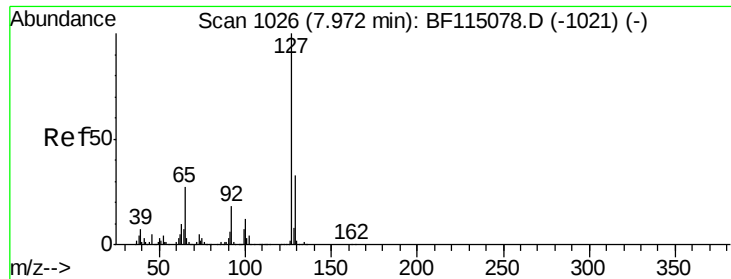


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

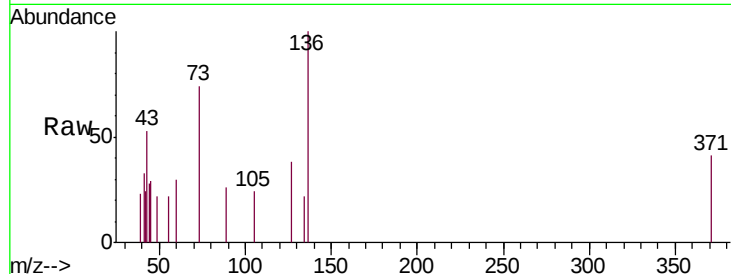




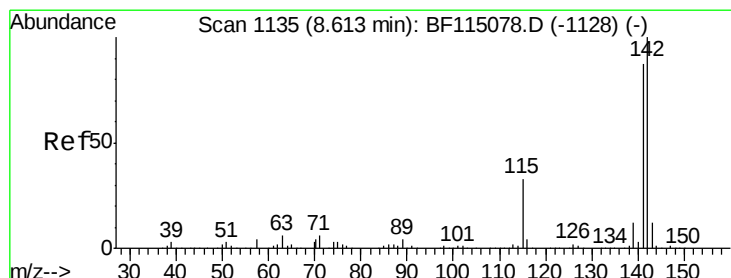
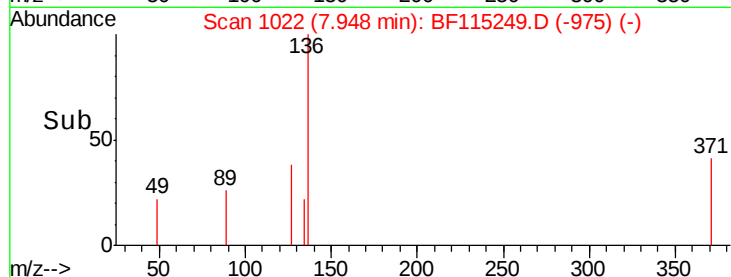
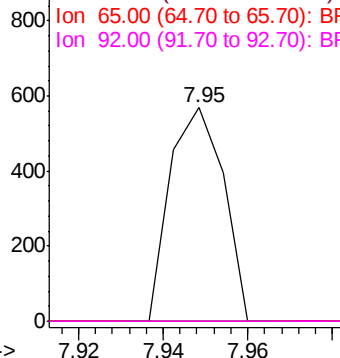
#33
4-Chloroaniline
Concen: 0.025 ng
RT: 7.95 min Scan# 1022
Delta R.T. -0.02 min
Lab File: BF115249.D
Acq: 27 Jun 2019 22:15

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

Tgt Ion:	127	Resp:	502
Ion	Ratio	Lower	Upper
127	100		
129	0.0	26.1	39.1#
65	0.0	21.4	32.2#
92	0.0	14.1	21.1#

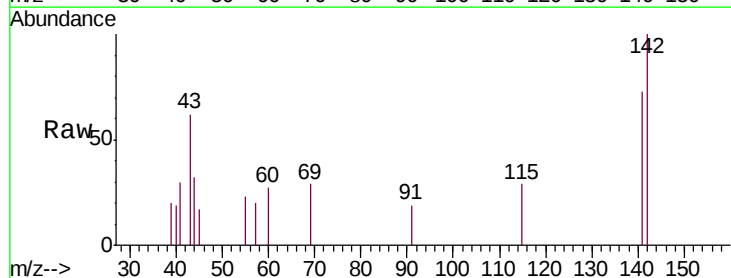


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

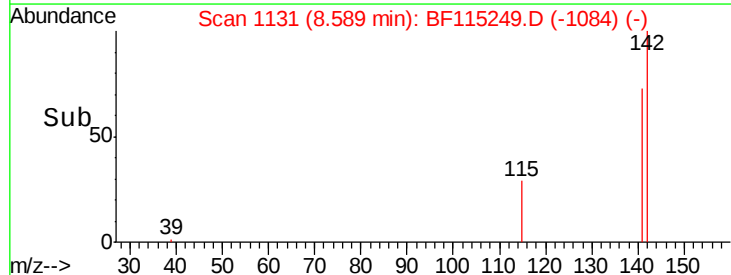
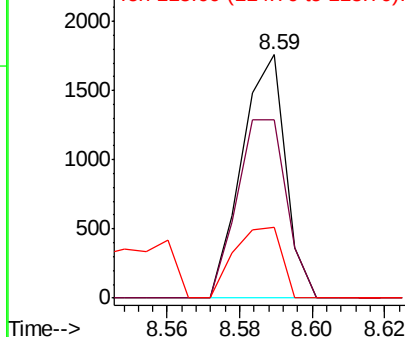


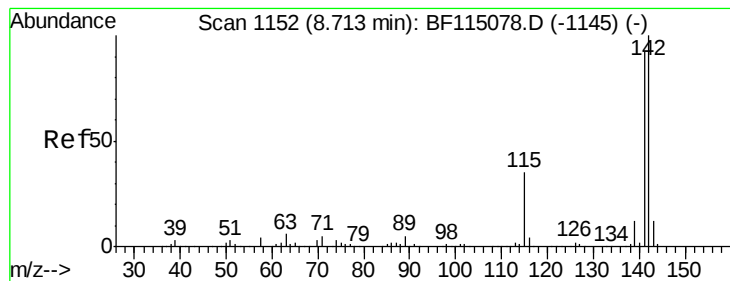
#37
2-Methylnaphthalene
Concen: 0.051 ng
RT: 8.59 min Scan# 1131
Delta R.T. -0.02 min
Lab File: BF115249.D
Acq: 27 Jun 2019 22:15

Tgt Ion:	142	Resp:	1486
Ion	Ratio	Lower	Upper
142	100		
141	73.2	69.8	104.6
115	29.3	26.7	40.1



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





#38

1-Methylnaphthalene

Concen: 0.042 ng

RT: 8.68 min Scan# 1147

Delta R.T. -0.03 min

Lab File: BF115249.D

Acq: 27 Jun 2019 22:15

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-A

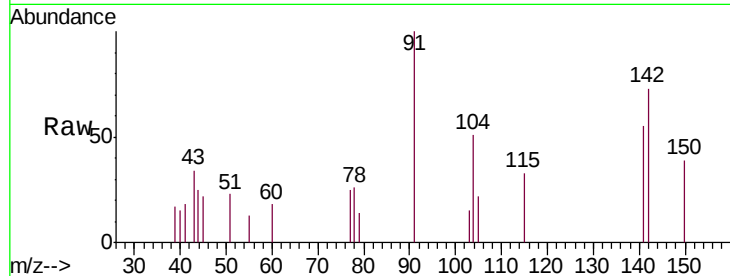
Tgt Ion:142 Resp: 1179

Ion Ratio Lower Upper

142 100

141 75.2 73.8 110.8

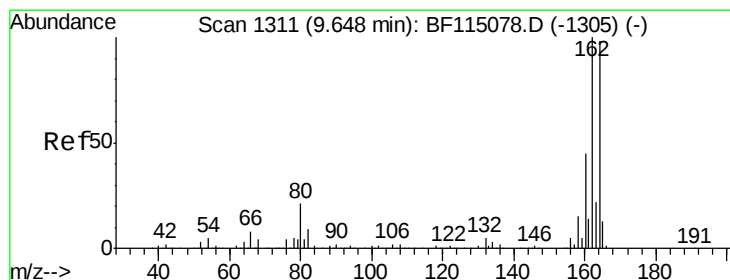
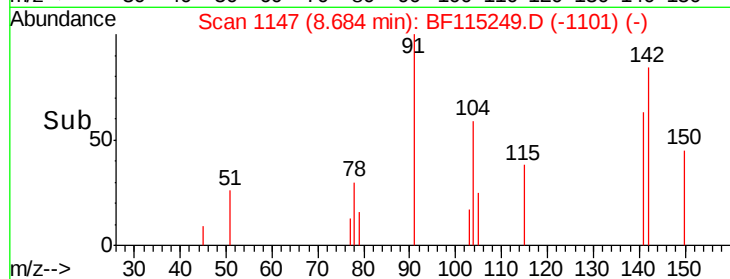
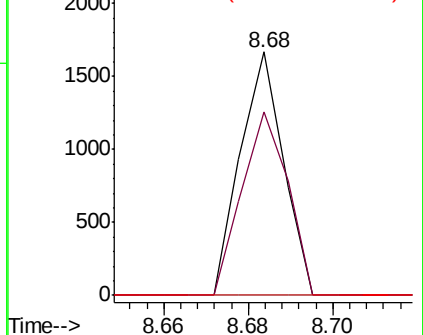
116 0.0 2.8 4.2#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.62 min Scan# 1306

Delta R.T. -0.03 min

Lab File: BF115249.D

Acq: 27 Jun 2019 22:15

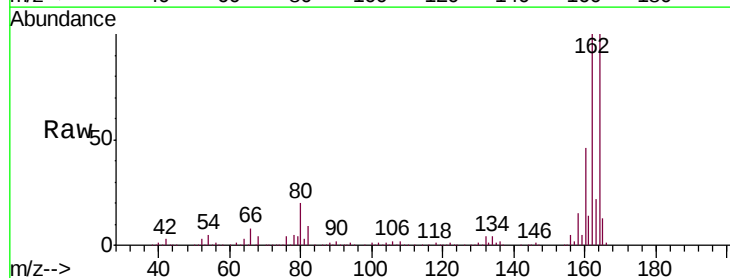
Tgt Ion:164 Resp: 431200

Ion Ratio Lower Upper

164 100

162 99.6 81.7 122.5

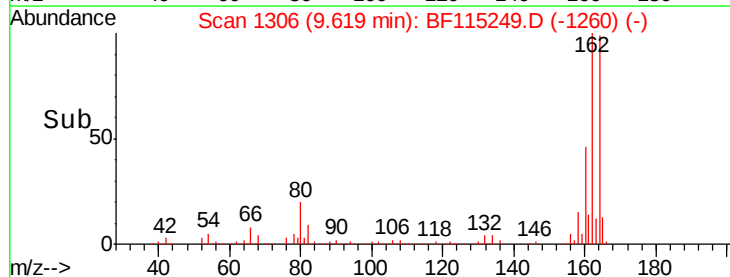
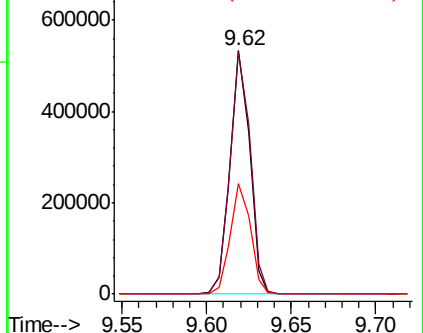
160 45.5 37.0 55.4

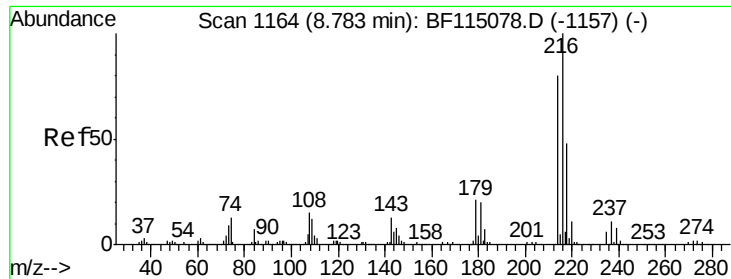


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

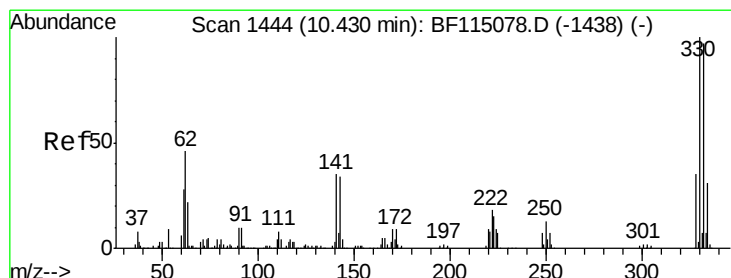
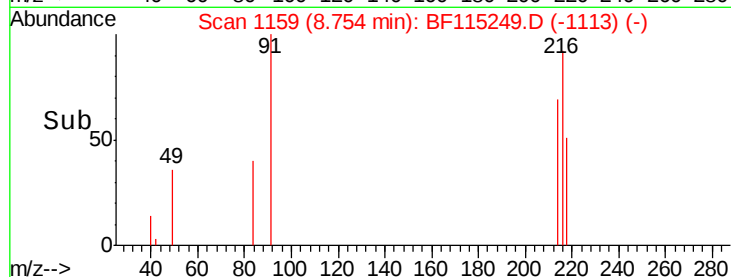
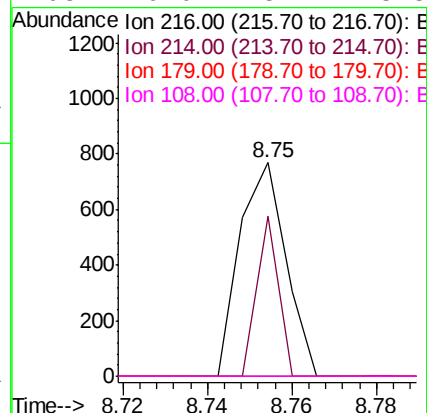
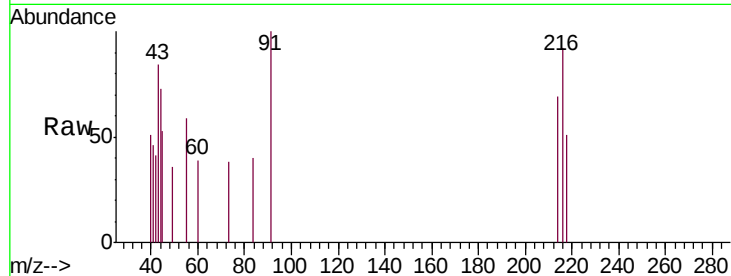




#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 0.048 ng
 RT: 8.75 min Scan# 1159
 Delta R.T. -0.03 min
 Lab File: BF115249.D
 Acq: 27 Jun 2019 22:15

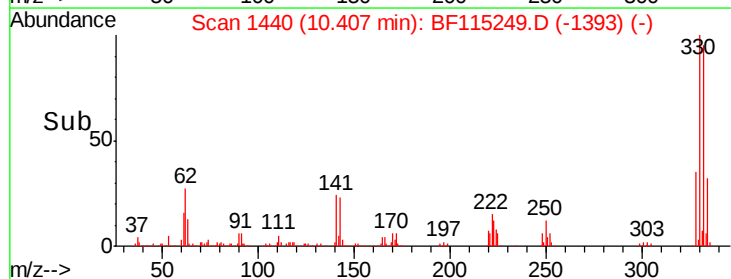
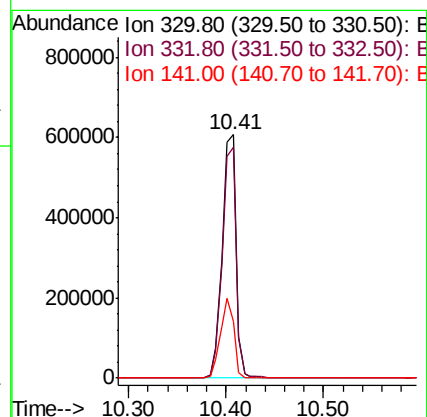
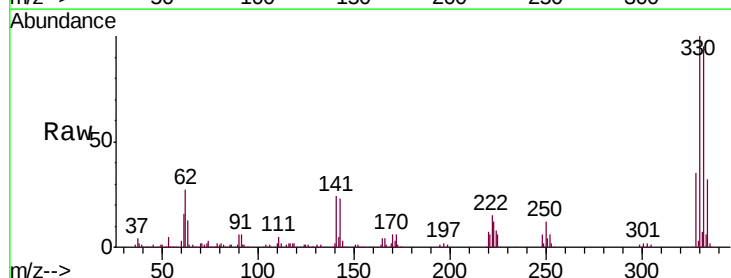
Instrument :
 BNA_F
 ClientSampleId :
 TRIANGLE-AREA-SOIL-A

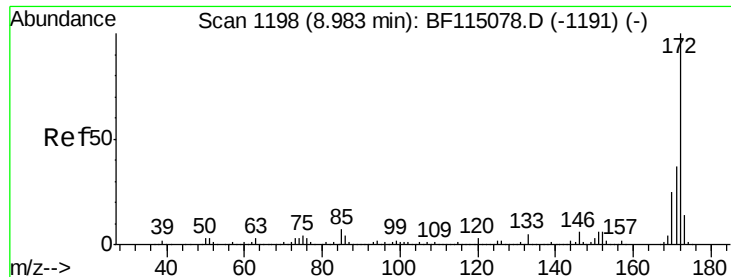
Tgt Ion:	216	Resp:	581
Ion	Ratio	Lower	Upper
216	100		
214	34.9	63.8	95.6#
179	0.0	17.6	26.4#
108	0.0	15.7	23.5#



#42
 2,4,6-Tribromophenol
 Concen: 132.960 ng
 RT: 10.41 min Scan# 1440
 Delta R.T. -0.02 min
 Lab File: BF115249.D
 Acq: 27 Jun 2019 22:15

Tgt Ion:	330	Resp:	604588
Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.3	115.9
141	32.0	28.2	42.2

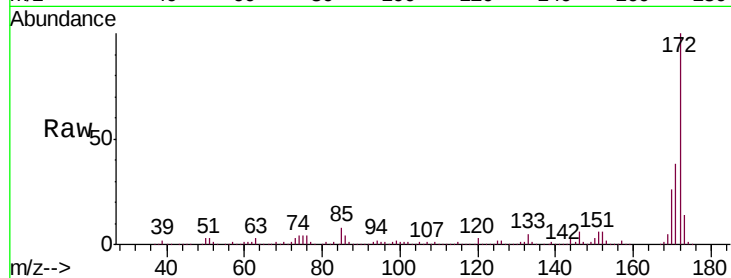




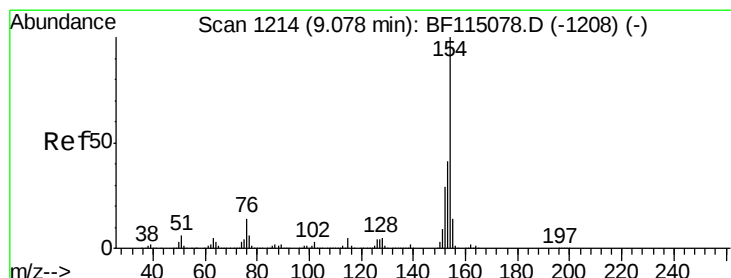
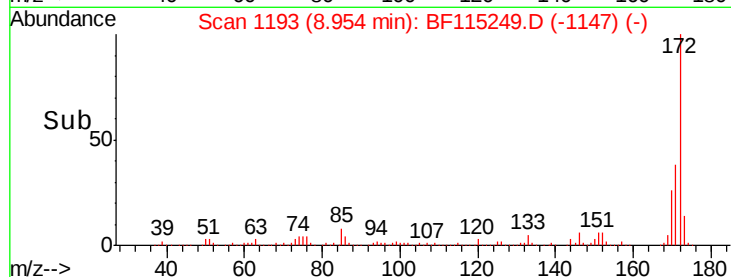
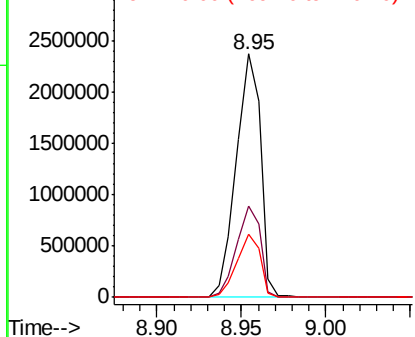
#45
2-Fluorobiphenyl
Concen: 94.011 ng
RT: 8.95 min Scan# 1193
Delta R.T. -0.03 min
Lab File: BF115249.D
Acq: 27 Jun 2019 22:15

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

Tgt Ion:172 Resp: 2386506
Ion Ratio Lower Upper
172 100
171 37.6 29.8 44.6
170 25.9 20.3 30.5

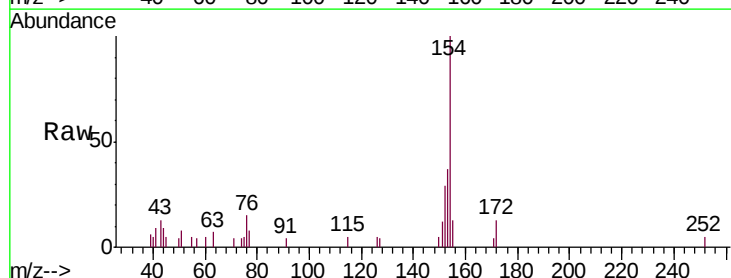


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

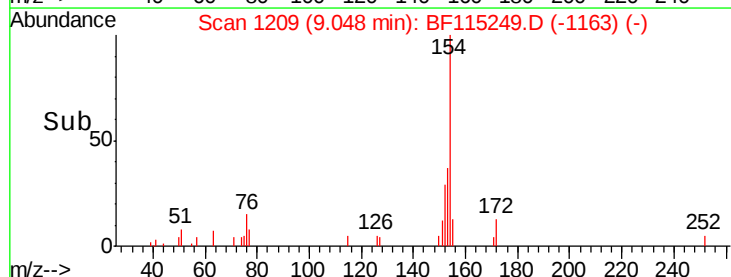
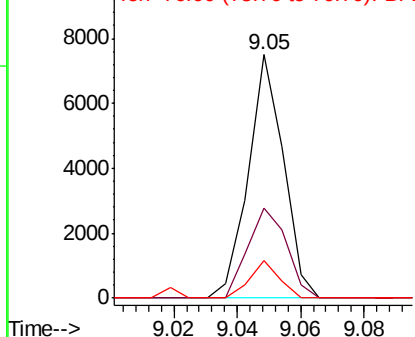


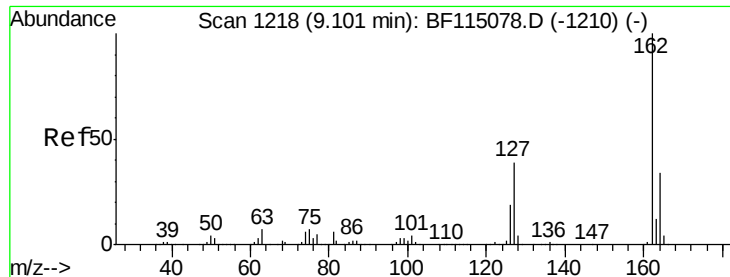
#46
1,1'-Biphenyl
Concen: 0.167 ng
RT: 9.05 min Scan# 1209
Delta R.T. -0.03 min
Lab File: BF115249.D
Acq: 27 Jun 2019 22:15

Tgt Ion:154 Resp: 5778
Ion Ratio Lower Upper
154 100
153 37.1 20.9 60.9
76 15.2 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

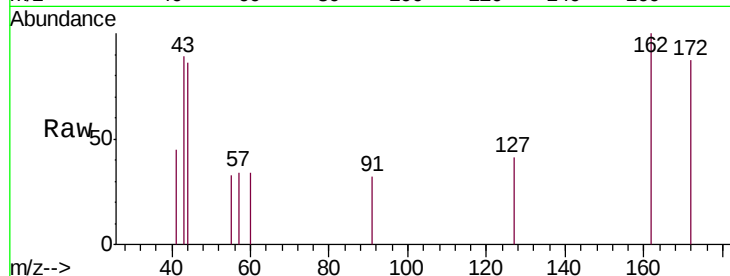




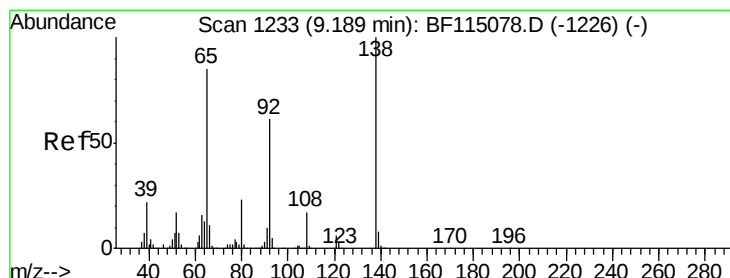
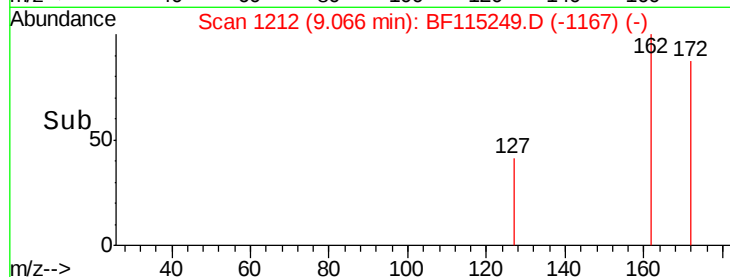
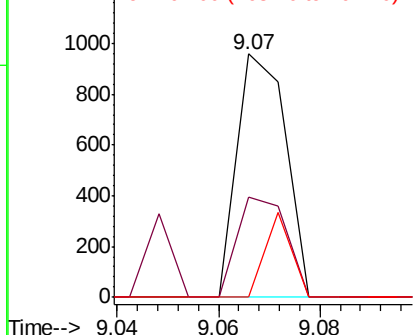
#47
2-Chloronaphthalene
Concen: 0.023 ng
RT: 9.07 min Scan# 1212
Delta R.T. -0.04 min
Lab File: BF115249.D
Acq: 27 Jun 2019 22:15

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

Tgt Ion: 162 Resp: 638
Ion Ratio Lower Upper
162 100
127 41.3 30.8 46.2
164 0.0 27.0 40.4#

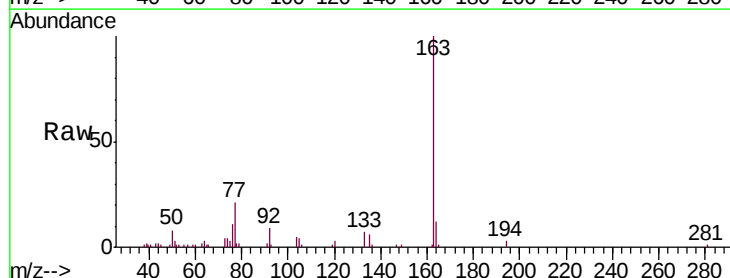


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

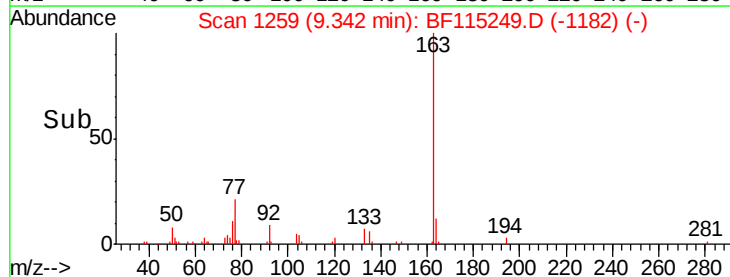
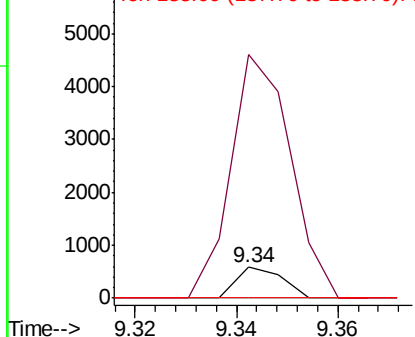


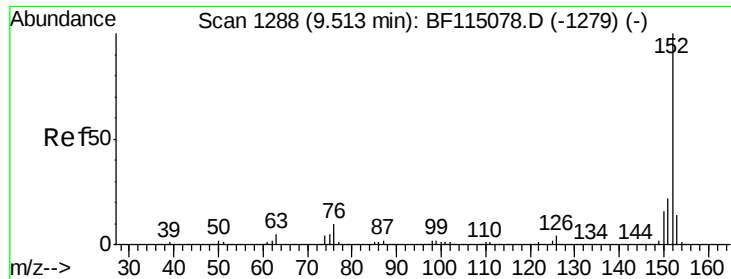
#48
2-Nitroaniline
Concen: 0.044 ng
RT: 9.34 min Scan# 1259
Delta R.T. 0.15 min
Lab File: BF115249.D
Acq: 27 Jun 2019 22:15

Tgt Ion: 65 Resp: 358
Ion Ratio Lower Upper
65 100
92 794.0 57.4 86.2#
138 0.0 94.1 141.1#



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





#49

Acenaphthylene

Concen: 0.017 ng

RT: 9.48 min Scan# 1282

Delta R.T. -0.04 min

Lab File: BF115249.D

Acq: 27 Jun 2019 22:15

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-A

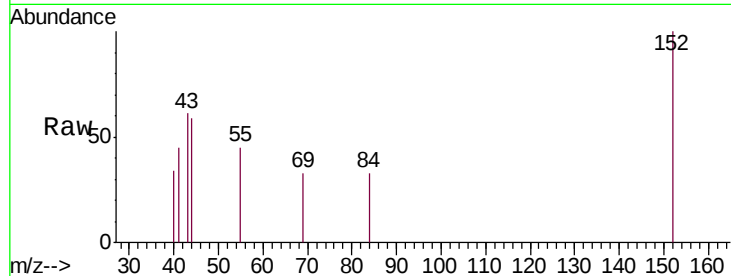
Tgt Ion:152 Resp: 720

Ion Ratio Lower Upper

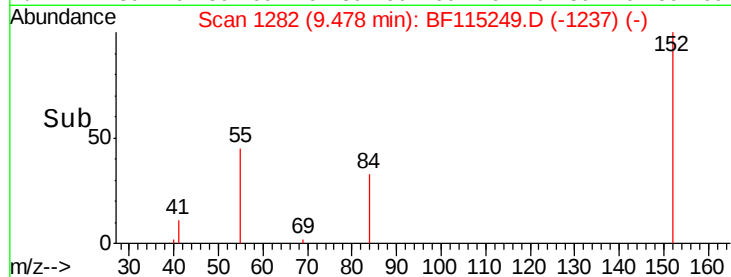
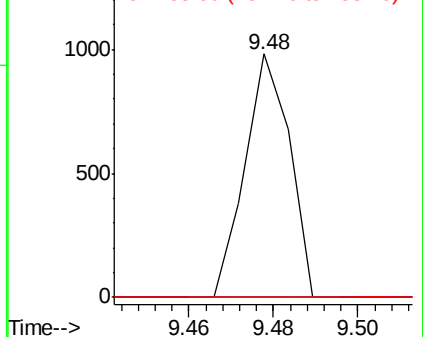
152 100

151 0.0 17.2 25.8#

153 0.0 11.0 16.6#



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



#50

Dimethylphthalate

Concen: 1.491 ng

RT: 9.35 min Scan# 1260

Delta R.T. -0.04 min

Lab File: BF115249.D

Acq: 27 Jun 2019 22:15

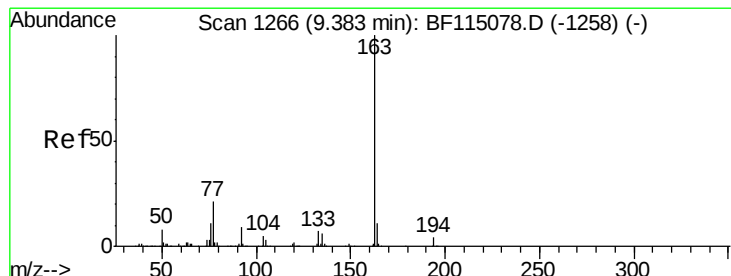
Tgt Ion:163 Resp: 47292

Ion Ratio Lower Upper

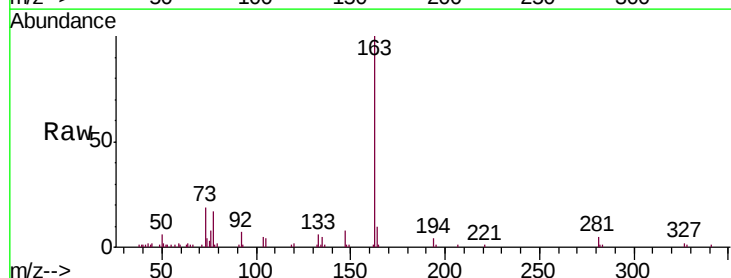
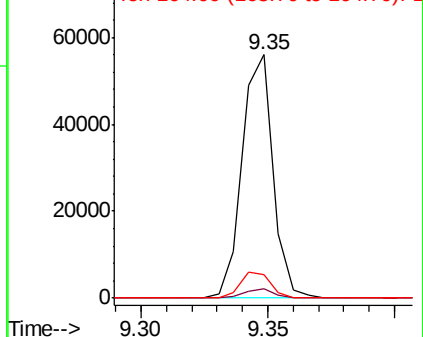
163 100

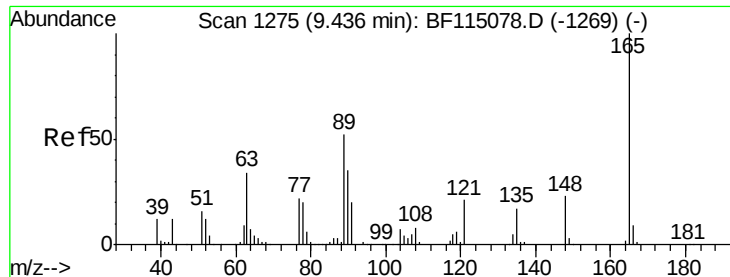
194 4.1 3.2 4.8

164 9.9 8.6 13.0



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

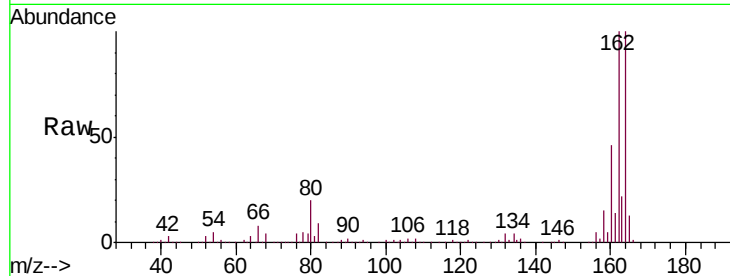




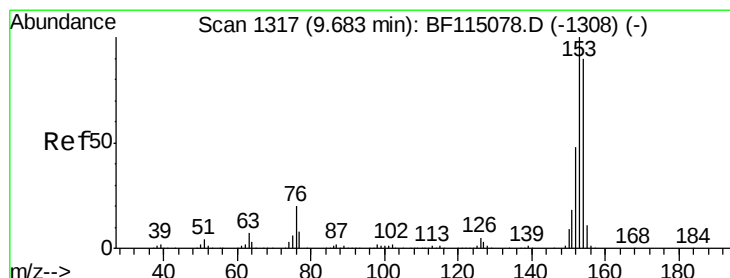
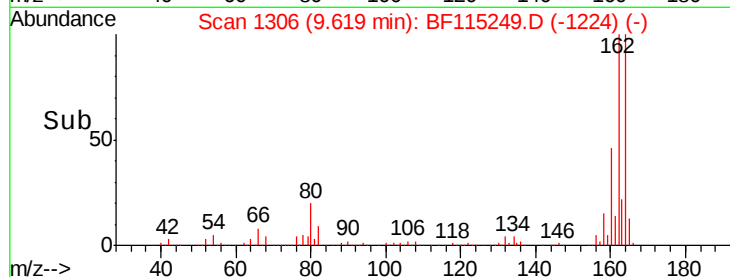
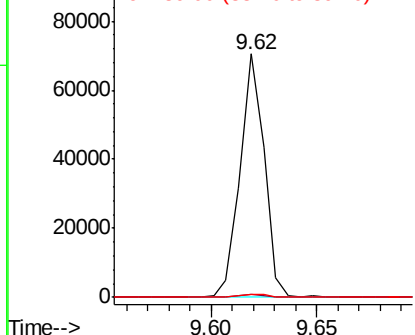
#51
 2,6-Dinitrotoluene
 Concen: 7.612 ng
 RT: 9.62 min Scan# 1306
 Delta R.T. 0.18 min
 Lab File: BF115249.D
 Acq: 27 Jun 2019 22:15

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

Tgt Ion:165 Resp: 55751
 Ion Ratio Lower Upper
 165 100
 63 1.2 39.4 59.2#
 89 1.2 42.0 63.0#

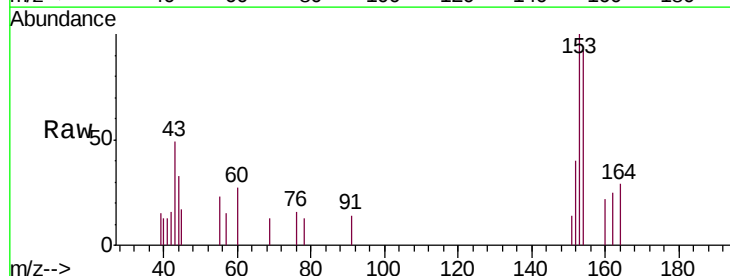


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

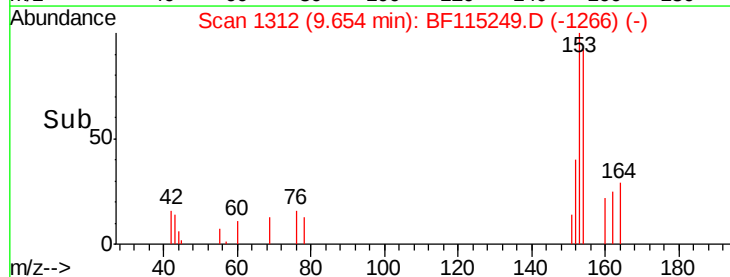
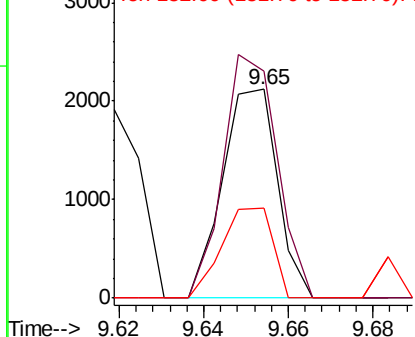


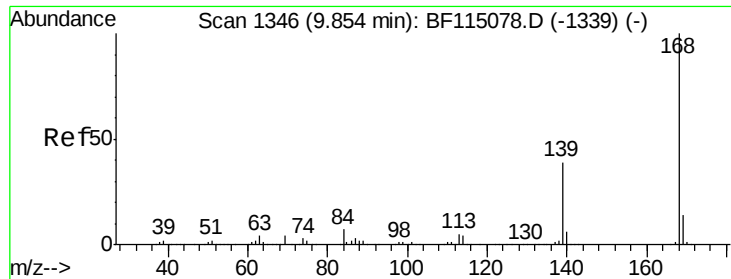
#52
 Acenaphthene
 Concen: 0.070 ng
 RT: 9.65 min Scan# 1312
 Delta R.T. -0.03 min
 Lab File: BF115249.D
 Acq: 27 Jun 2019 22:15

Tgt Ion:154 Resp: 1917
 Ion Ratio Lower Upper
 154 100
 153 108.5 88.7 133.1
 152 43.0 42.6 64.0



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

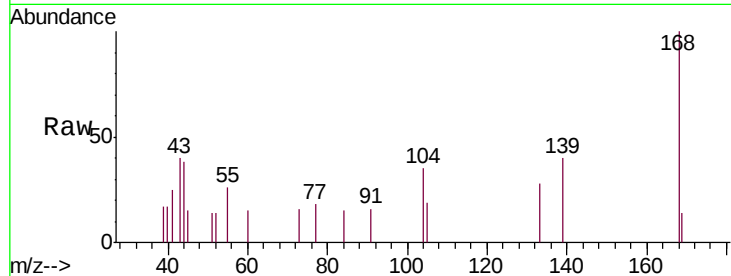




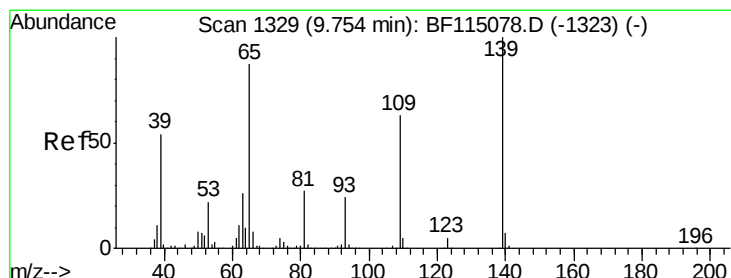
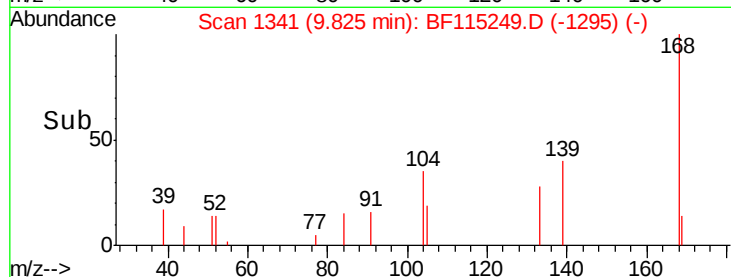
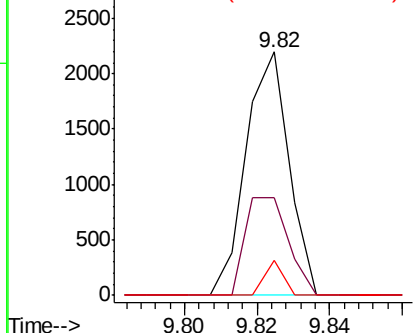
#55
Dibenzenofuran
Concen: 0.047 ng
RT: 9.82 min Scan# 1341
Delta R.T. -0.03 min
Lab File: BF115249.D
Acq: 27 Jun 2019 22:15

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

Tgt Ion:168 Resp: 1824
Ion Ratio Lower Upper
168 100
139 40.0 31.1 46.7
169 14.4 11.3 16.9

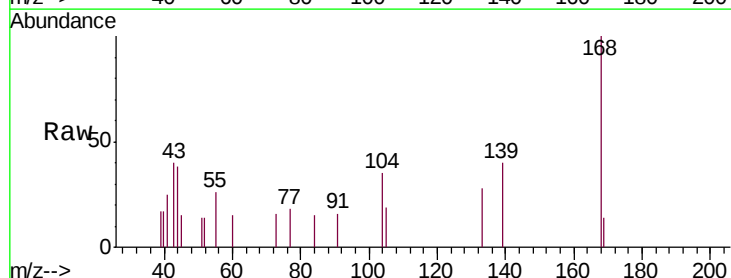


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

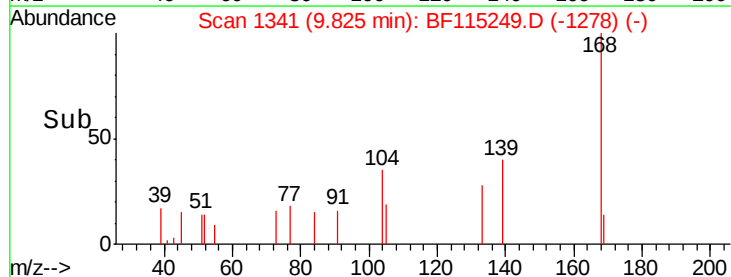
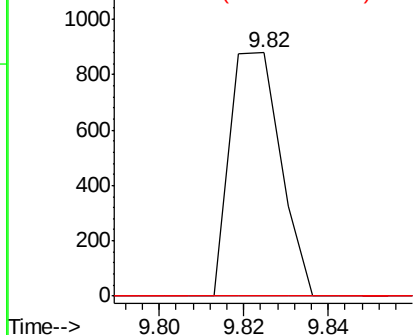


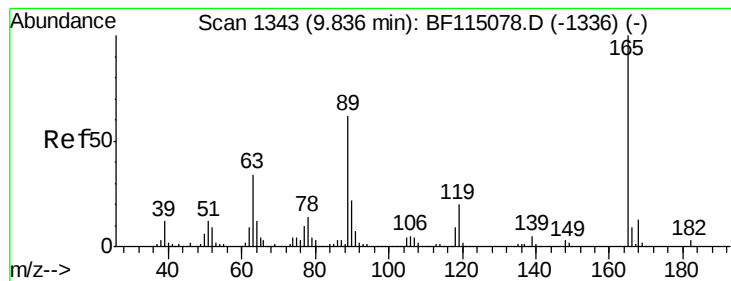
#56
4-Nitrophenol
Concen: 0.103 ng
RT: 9.82 min Scan# 1341
Delta R.T. 0.07 min
Lab File: BF115249.D
Acq: 27 Jun 2019 22:15

Tgt Ion:139 Resp: 735
Ion Ratio Lower Upper
139 100
109 0.0 43.0 83.0#
65 0.0 67.0 107.0#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 5.895 ng

RT: 9.62 min Scan# 1306

Delta R.T. -0.22 min

Lab File: BF115249.D

Acq: 27 Jun 2019 22:15

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-A

Tgt Ion:165 Resp: 55751

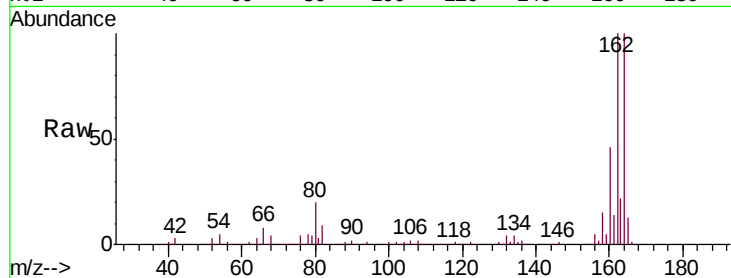
Ion Ratio Lower Upper

165 100

63 1.2 27.5 41.3#

89 1.2 49.9 74.9#

182 0.0 2.1 3.1#

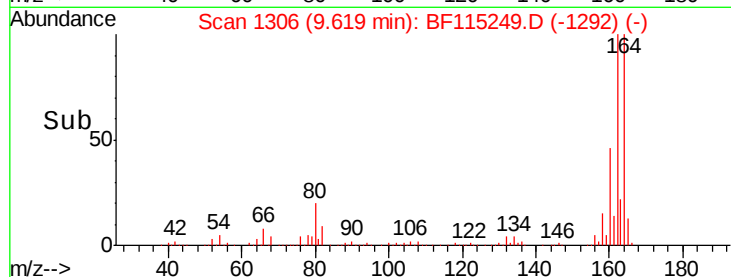


Abundance Ion 165.00 (164.70 to 165.70): E

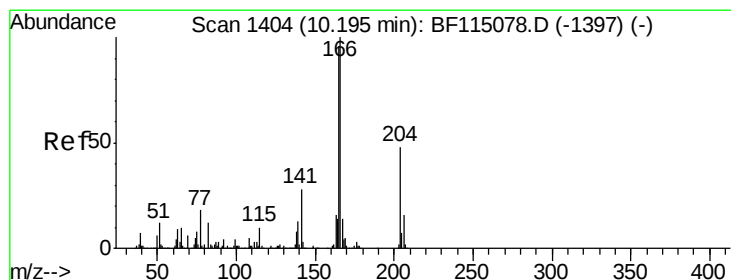
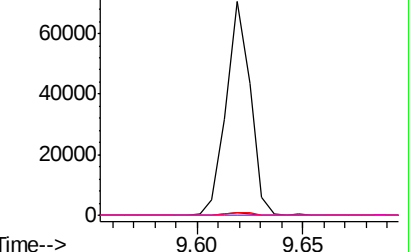
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



Time-->



#58

Fluorene

Concen: Below Cal

RT: 10.16 min Scan# 1398

Delta R.T. -0.04 min

Lab File: BF115249.D

Acq: 27 Jun 2019 22:15

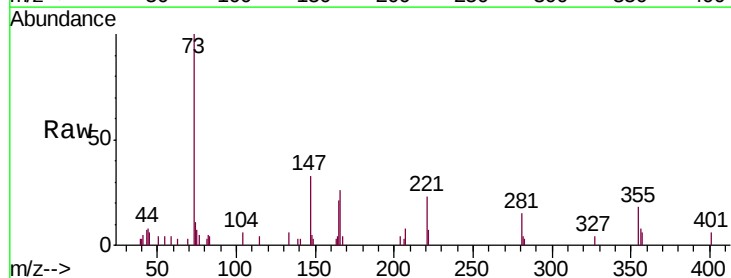
Tgt Ion:166 Resp: 1956

Ion Ratio Lower Upper

166 100

165 81.5 76.5 114.7

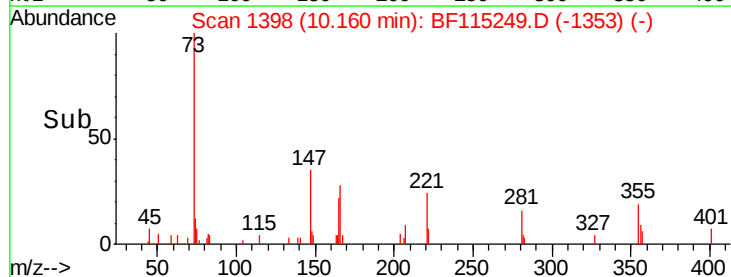
167 15.7 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E

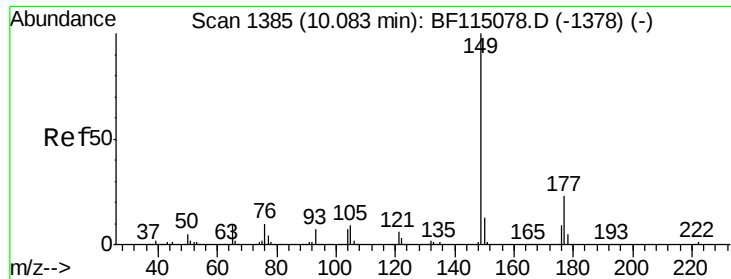
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->

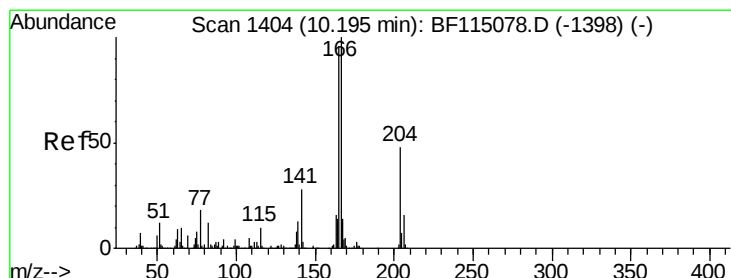
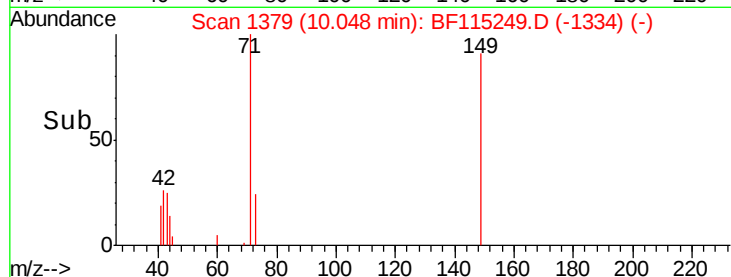
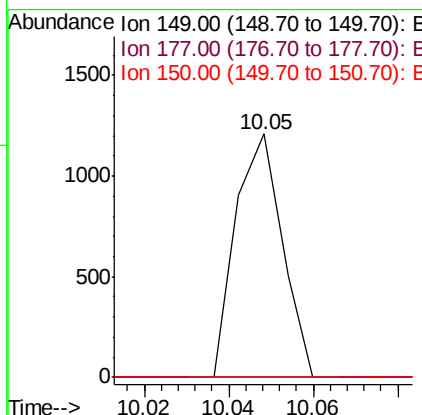
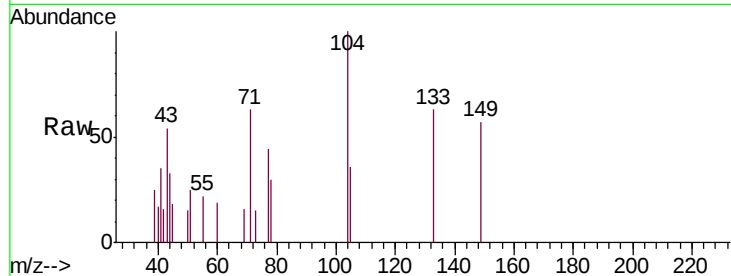




#60
Diethylphthalate
Concen: 0.029 ng
RT: 10.05 min Scan# 1379
Delta R.T. -0.04 min
Lab File: BF115249.D
Acq: 27 Jun 2019 22:15

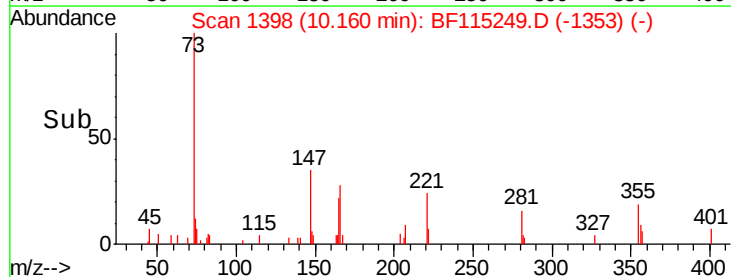
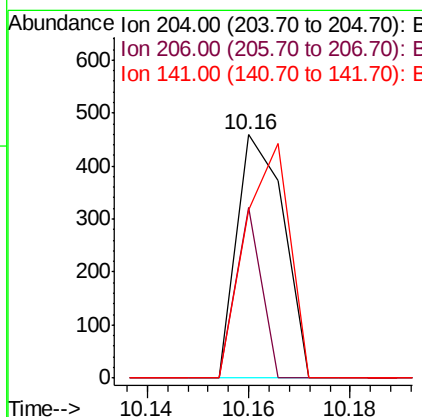
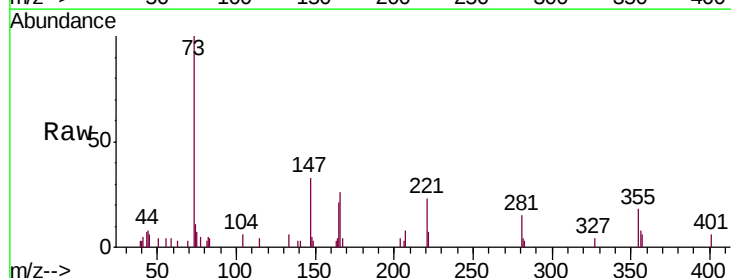
Instrument :
BNA_F
ClientSampleId :
TRIANGLE-AREA-SOIL-A

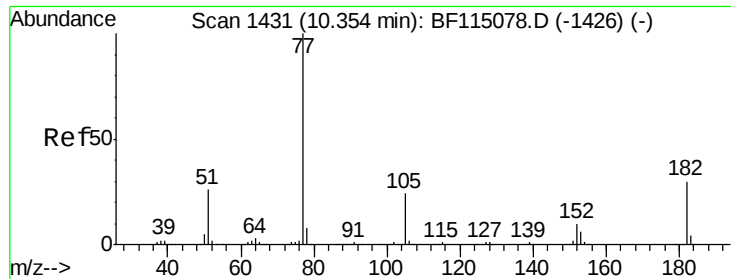
Tgt Ion:149 Resp: 924
Ion Ratio Lower Upper
149 100
177 0.0 18.7 28.1#
150 0.0 10.4 15.6#



#61
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 10.16 min Scan# 1398
Delta R.T. -0.04 min
Lab File: BF115249.D
Acq: 27 Jun 2019 22:15

Tgt Ion:204 Resp: 293
Ion Ratio Lower Upper
204 100
206 70.2 26.6 40.0#
141 69.3 46.7 70.1





#63

Azobenzene

Concen: 0.049 ng

RT: 10.32 min Scan# 1425

Delta R.T. -0.04 min

Lab File: BF115249.D

Acq: 27 Jun 2019 22:15

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-A

Tgt Ion: 77 Resp: 1449

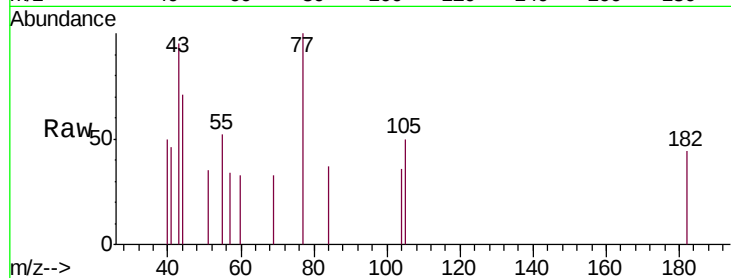
Ion Ratio Lower Upper

77 100

182 43.6 10.1 50.1

105 49.6 4.5 44.5#

51 35.1 6.4 46.4

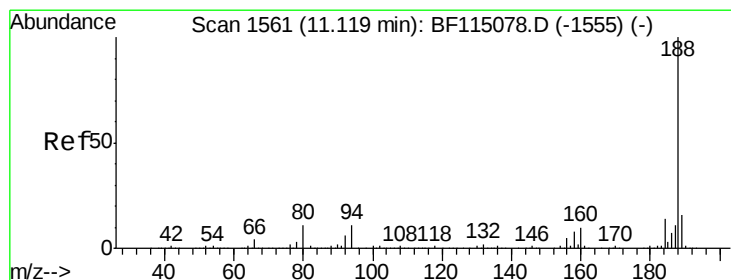
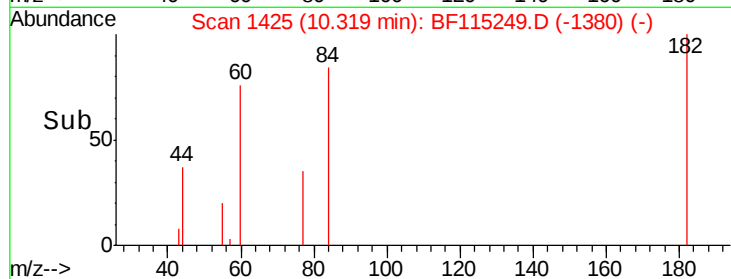
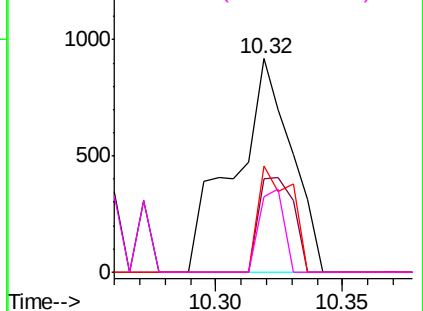


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.09 min Scan# 1556

Delta R.T. -0.03 min

Lab File: BF115249.D

Acq: 27 Jun 2019 22:15

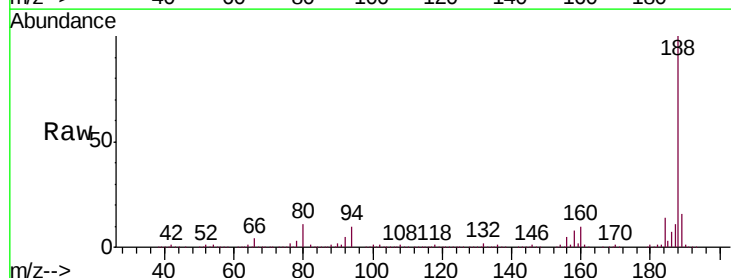
Tgt Ion: 188 Resp: 859784

Ion Ratio Lower Upper

188 100

94 10.2 8.6 12.8

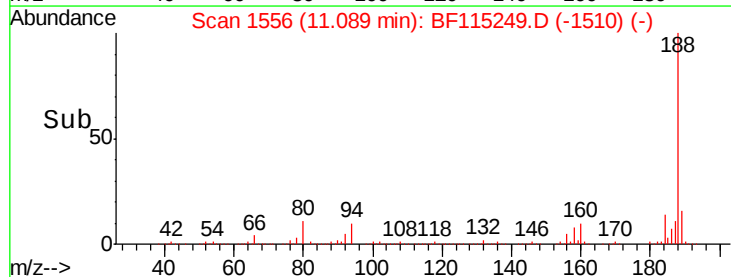
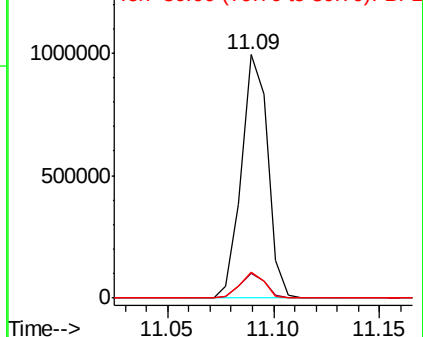
80 10.5 8.8 13.2

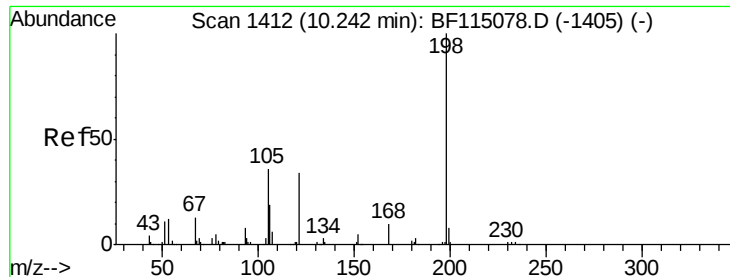


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 5.211 ng

RT: 10.41 min Scan# 1440

Delta R.T. 0.16 min

Lab File: BF115249.D

Acq: 27 Jun 2019 22:15

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-A

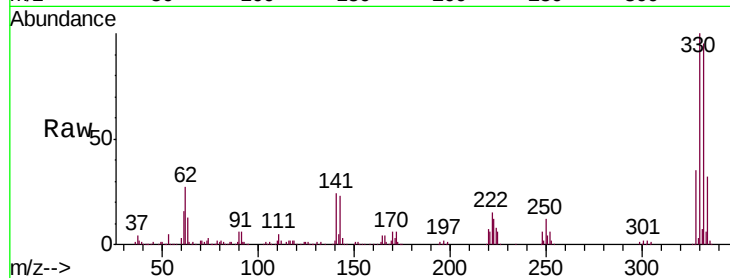
Tgt Ion:198 Resp: 1280

Ion Ratio Lower Upper

198 100

51 103.1 11.0 51.0#

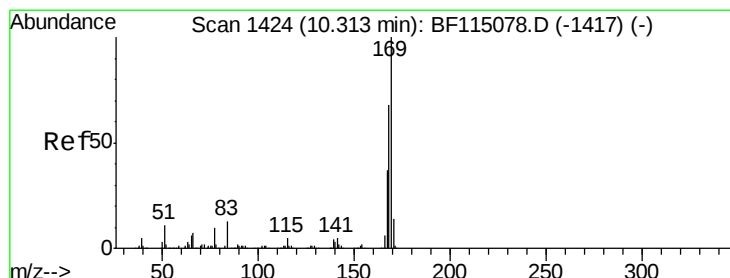
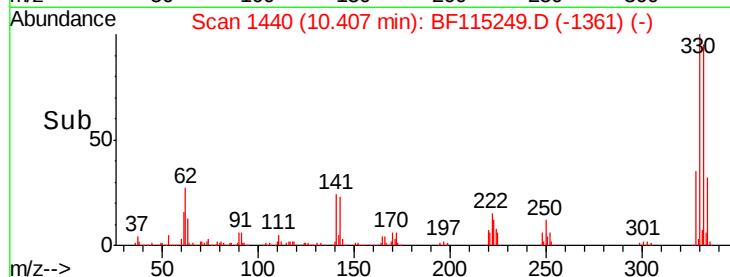
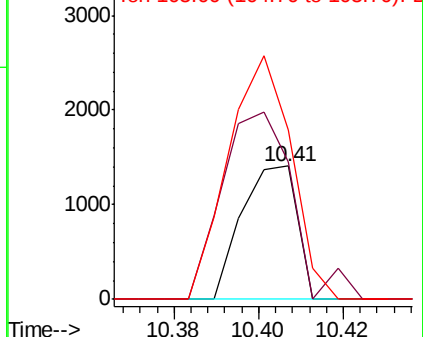
105 127.0 17.3 57.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 0.650 ng

RT: 10.40 min Scan# 1439

Delta R.T. 0.09 min

Lab File: BF115249.D

Acq: 27 Jun 2019 22:15

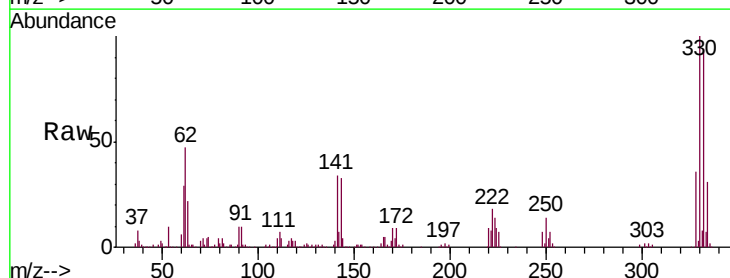
Tgt Ion:169 Resp: 17422

Ion Ratio Lower Upper

169 100

168 6.9 54.2 81.4#

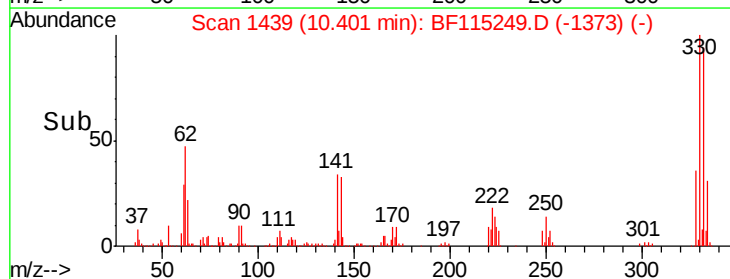
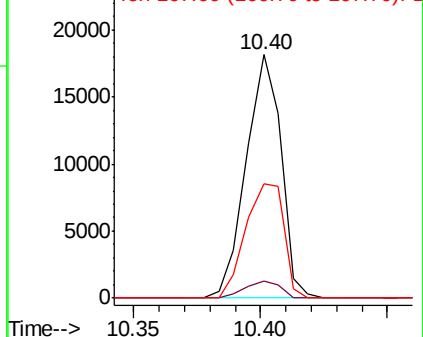
167 47.1 29.4 44.0#

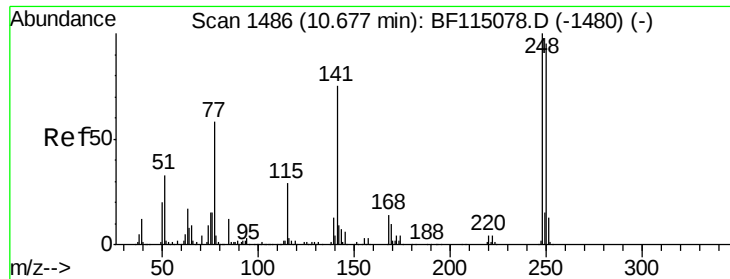


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

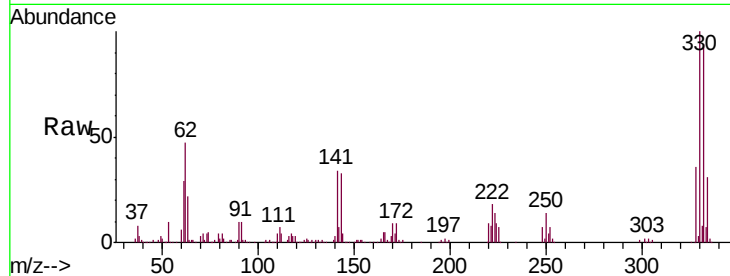




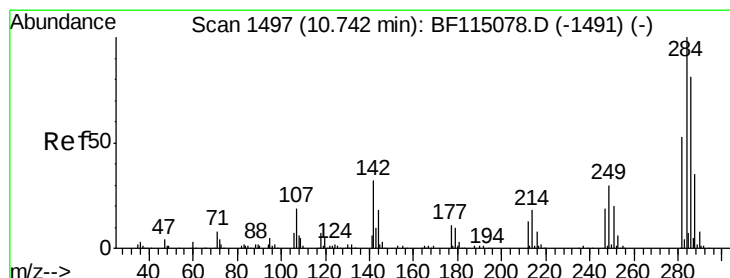
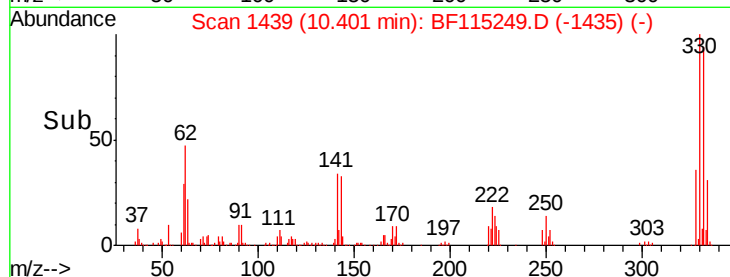
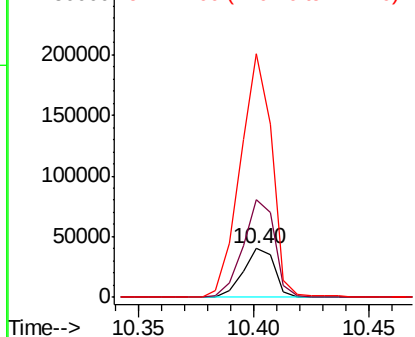
#67
 4-Bromophenyl-phenylether
 Concen: 4.128 ng
 RT: 10.40 min Scan# 1439
 Delta R.T. -0.28 min
 Lab File: BF115249.D
 Acq: 27 Jun 2019 22:15

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

Tgt Ion:248 Resp: 38480
 Ion Ratio Lower Upper
 248 100
 250 200.3 76.2 114.2#
 141 497.3 59.6 89.4#

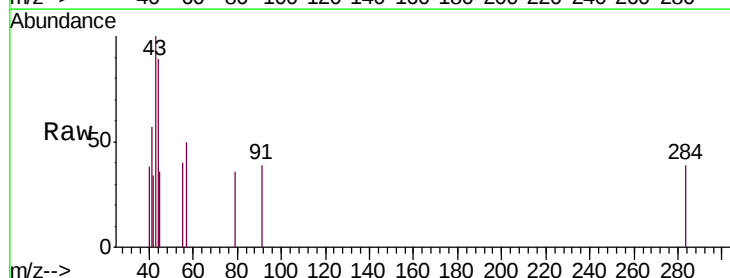


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

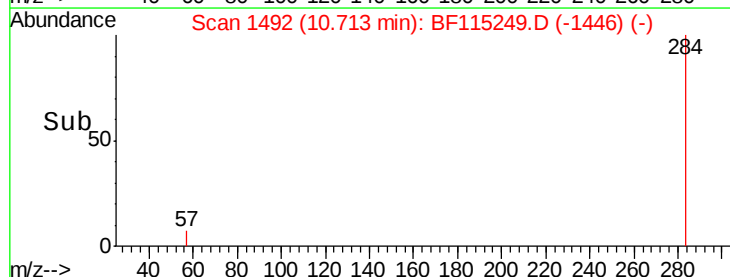
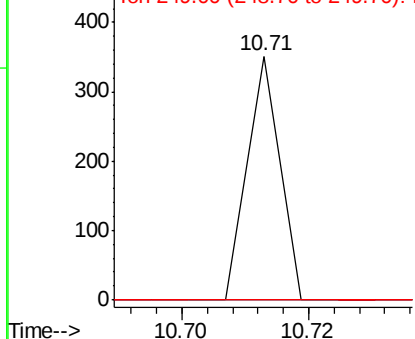


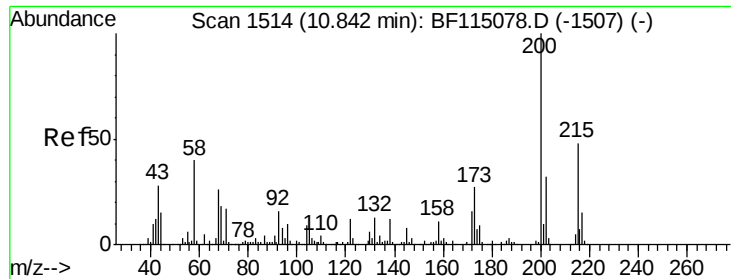
#68
 Hexachlorobenzene
 Concen: 0.012 ng
 RT: 10.71 min Scan# 1492
 Delta R.T. -0.03 min
 Lab File: BF115249.D
 Acq: 27 Jun 2019 22:15

Tgt Ion:284 Resp: 124
 Ion Ratio Lower Upper
 284 100
 142 0.0 25.8 38.8#
 249 0.0 24.2 36.4#



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





#69

Atrazine

Concen: 0.015 ng

RT: 10.90 min Scan# 1524

Delta R.T. 0.06 min

Lab File: BF115249.D

Acq: 27 Jun 2019 22:15

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-A

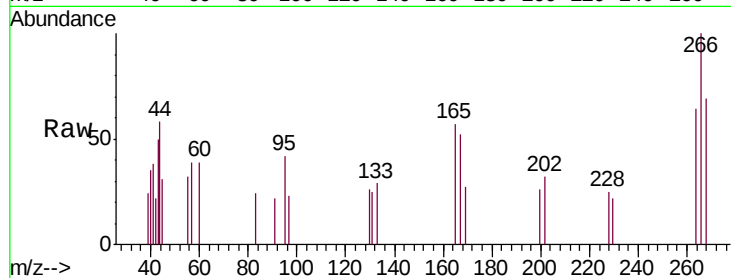
Tgt Ion:200 Resp: 127

Ion Ratio Lower Upper

200 100

173 0.0 7.4 47.4#

215 0.0 27.8 67.8#

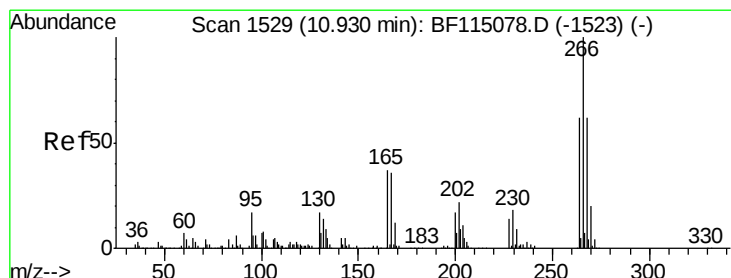
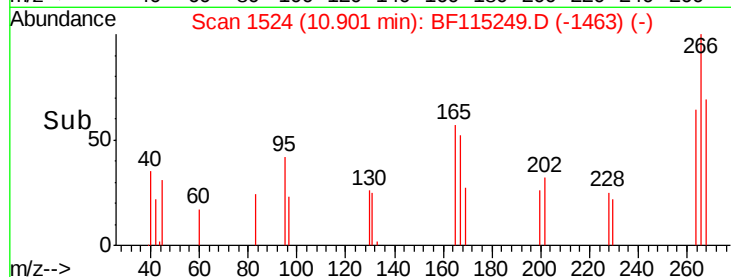
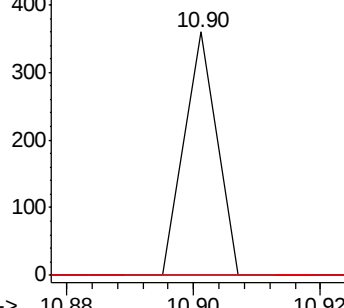


Abundance

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: 0.260 ng

RT: 10.91 min Scan# 1525

Delta R.T. -0.02 min

Lab File: BF115249.D

Acq: 27 Jun 2019 22:15

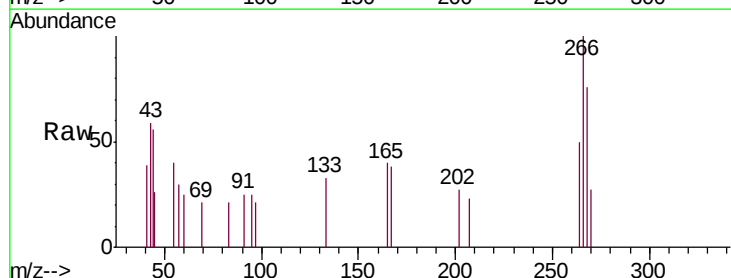
Tgt Ion:266 Resp: 1675

Ion Ratio Lower Upper

266 100

268 76.1 49.5 74.3#

264 50.3 49.3 73.9

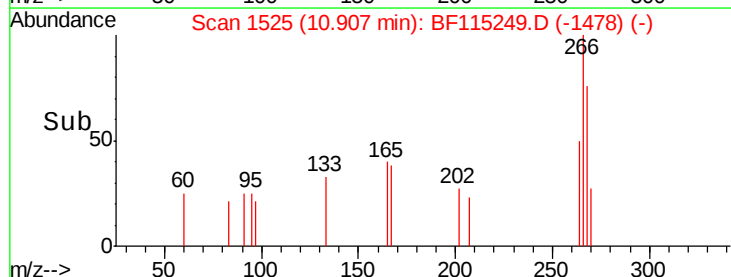
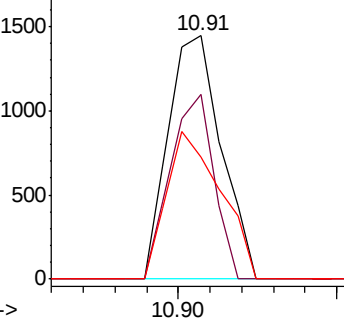


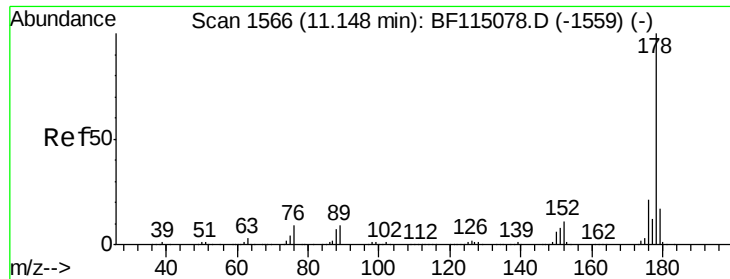
Abundance

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

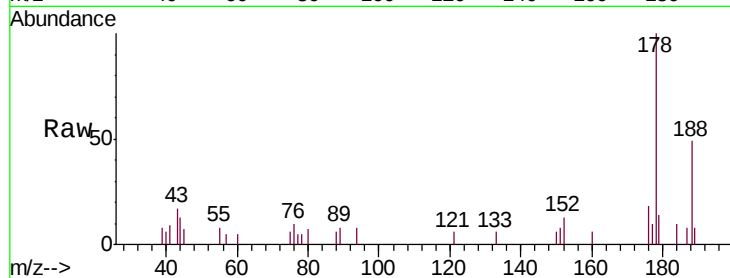




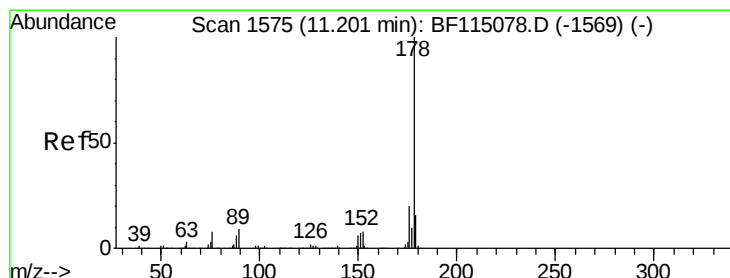
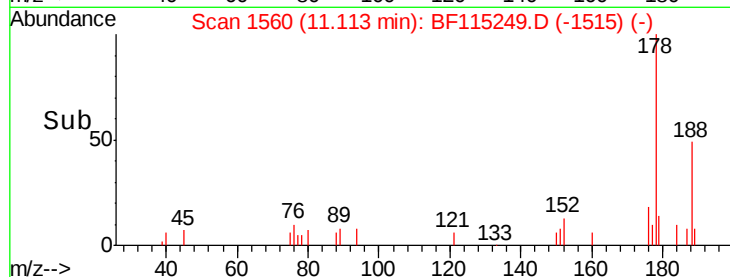
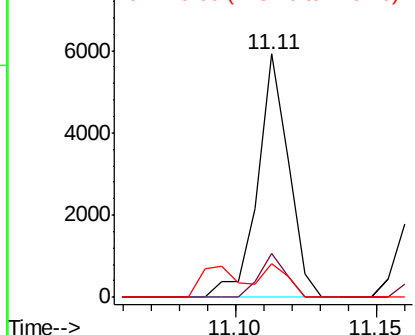
#71
Phenanthrene
Concen: 0.097 ng
RT: 11.11 min Scan# 1560
Delta R.T. -0.04 min
Lab File: BF115249.D
Acq: 27 Jun 2019 22:15

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

Tgt Ion:178 Resp: 4498
Ion Ratio Lower Upper
178 100
176 18.3 16.9 25.3
179 13.6 13.2 19.8

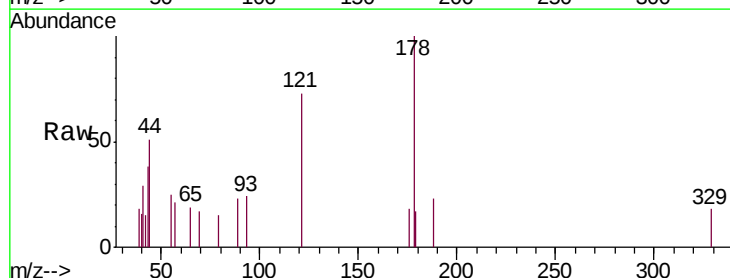


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

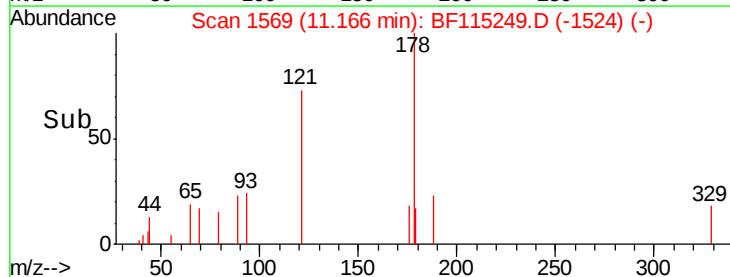
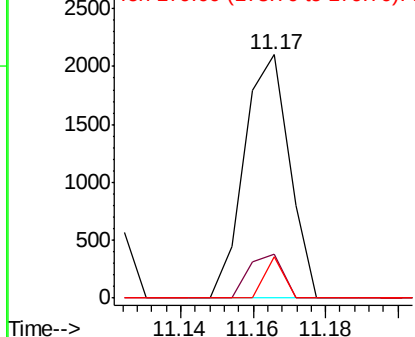


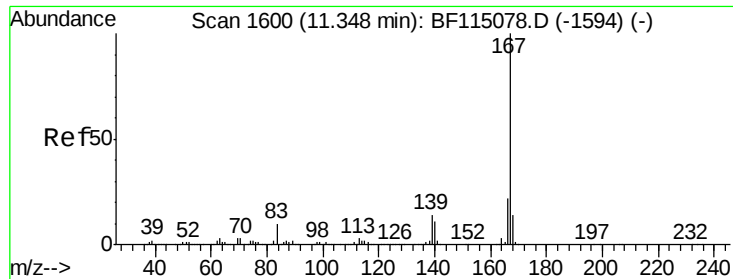
#72
Anthracene
Concen: 0.039 ng
RT: 11.17 min Scan# 1569
Delta R.T. -0.04 min
Lab File: BF115249.D
Acq: 27 Jun 2019 22:15

Tgt Ion:178 Resp: 1814
Ion Ratio Lower Upper
178 100
176 17.9 16.1 24.1
179 17.2 12.9 19.3



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





#73

Carbazole

Concen: 0.024 ng

RT: 11.32 min Scan# 1595

Delta R.T. -0.03 min

Lab File: BF115249.D

Acq: 27 Jun 2019 22:15

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-A

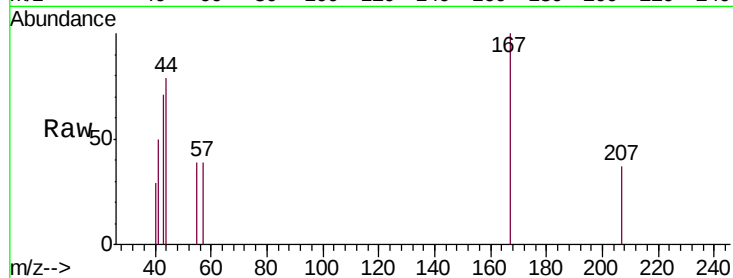
Tgt Ion:167 Resp: 1004

Ion Ratio Lower Upper

167 100

166 0.0 18.0 27.0#

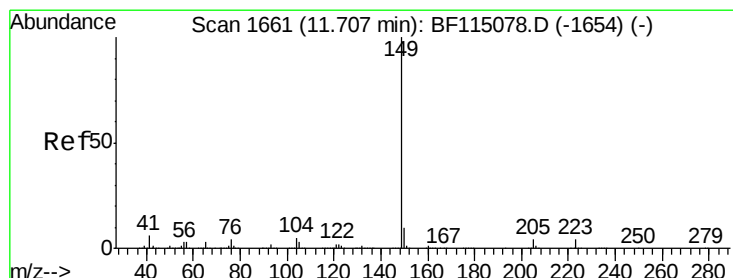
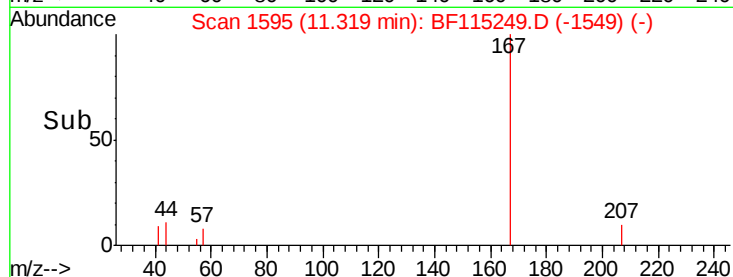
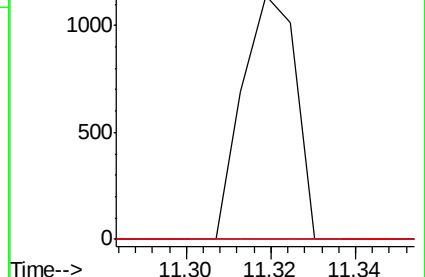
139 0.0 11.1 16.7#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 0.068 ng

RT: 11.67 min Scan# 1655

Delta R.T. -0.04 min

Lab File: BF115249.D

Acq: 27 Jun 2019 22:15

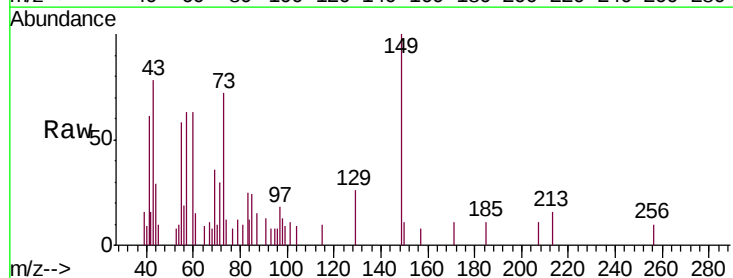
Tgt Ion:149 Resp: 3290

Ion Ratio Lower Upper

149 100

150 10.6 7.8 11.8

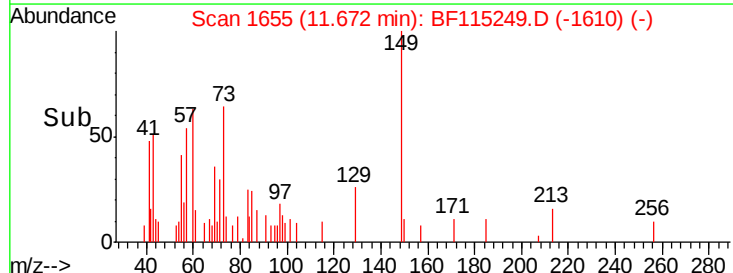
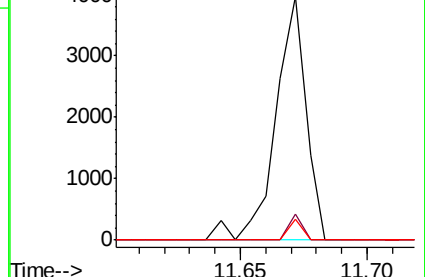
104 8.8 3.7 5.5#

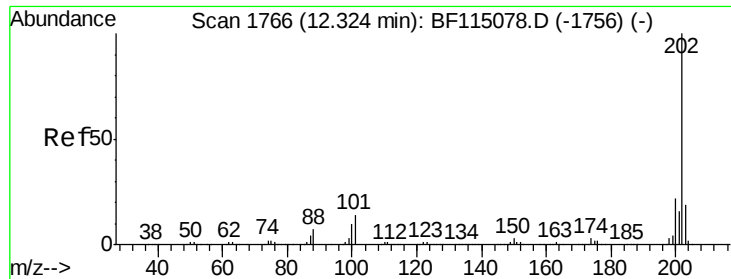


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

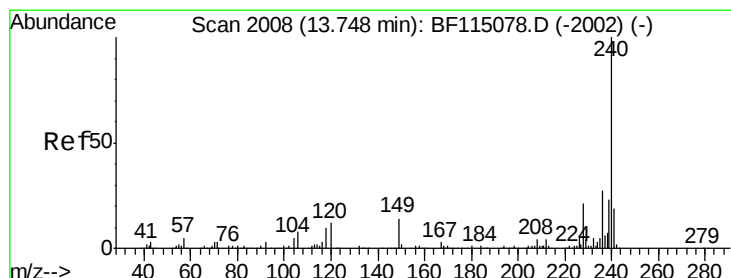
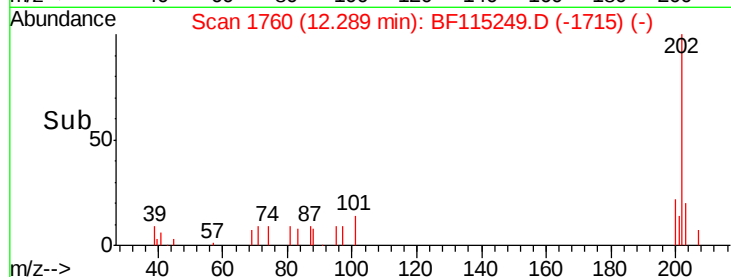
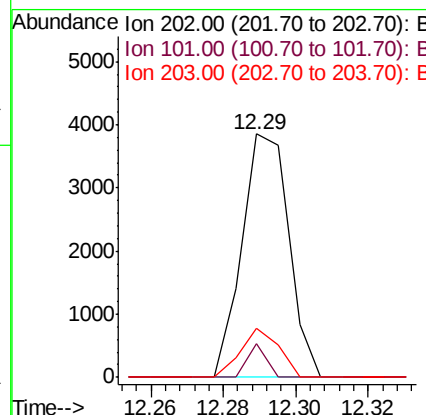
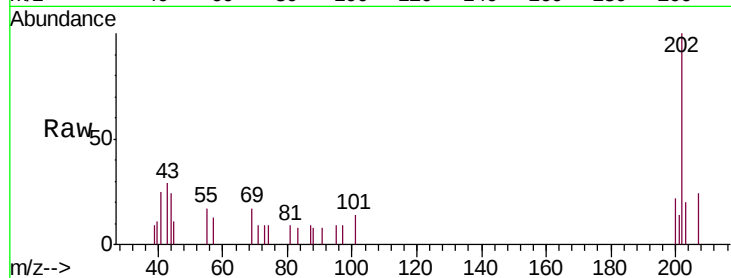




#75
 Fluoranthene
 Concen: 0.075 ng
 RT: 12.29 min Scan# 1760
 Delta R.T. -0.04 min
 Lab File: BF115249.D
 Acq: 27 Jun 2019 22:15

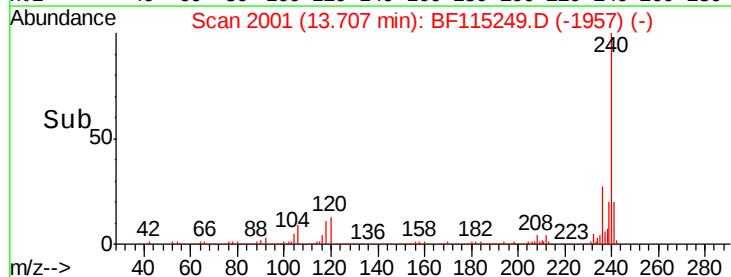
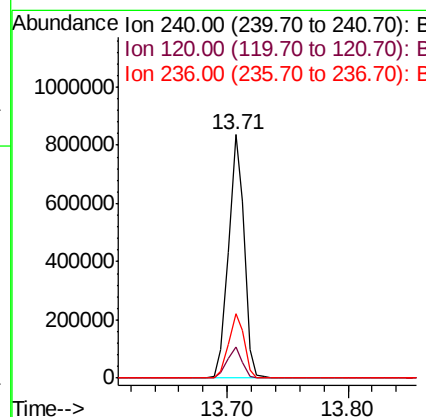
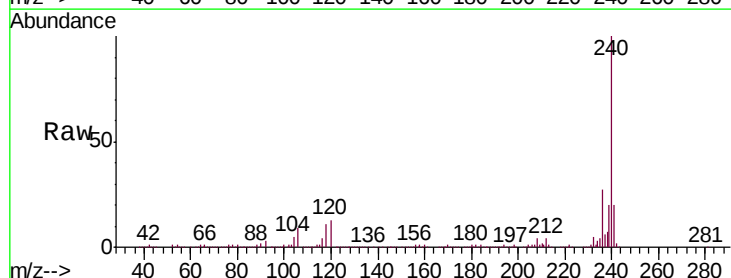
Instrument :
 BNA_F
 ClientSampleId :
 TRIANGLE-AREA-SOIL-A

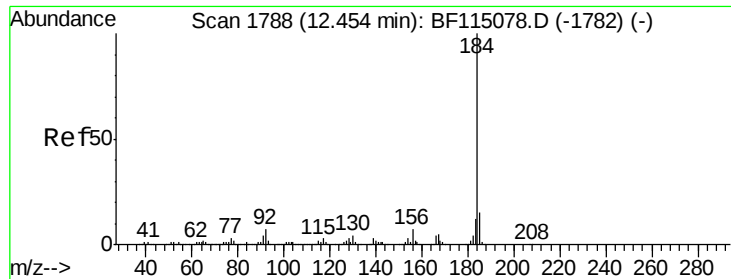
Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	34.0
203	20.1	0.0	38.8



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.71 min Scan# 2001
 Delta R.T. -0.04 min
 Lab File: BF115249.D
 Acq: 27 Jun 2019 22:15

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.6	9.4	14.2
236	26.6	21.7	32.5





#77

Benzidine

Concen: 0.319 ng

RT: 12.42 min Scan# 1782

Delta R.T. -0.04 min

Lab File: BF115249.D

Acq: 27 Jun 2019 22:15

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-A

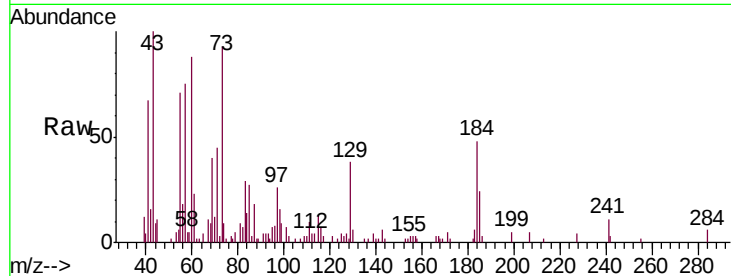
Tgt Ion:184 Resp: 10547

Ion Ratio Lower Upper

184 100

185 49.1 12.2 18.2#

183 12.9 9.6 14.4

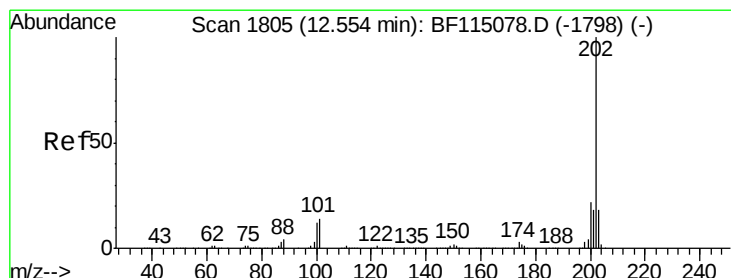
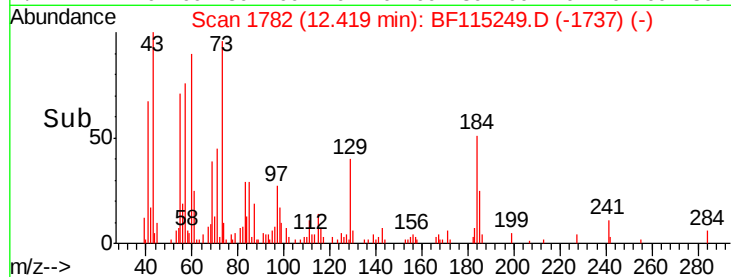
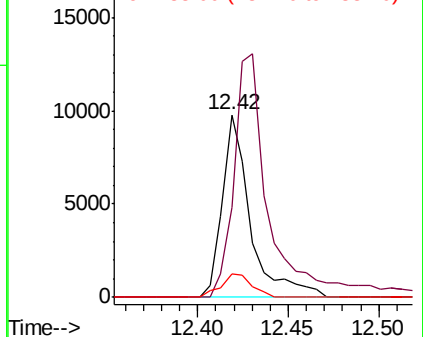


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 0.049 ng

RT: 12.51 min Scan# 1798

Delta R.T. -0.04 min

Lab File: BF115249.D

Acq: 27 Jun 2019 22:15

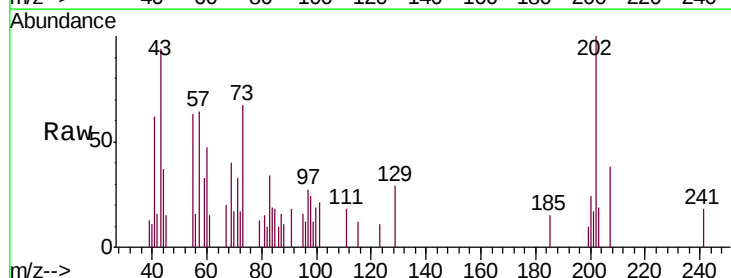
Tgt Ion:202 Resp: 2812

Ion Ratio Lower Upper

202 100

200 24.0 17.9 26.9

203 19.1 14.6 21.8

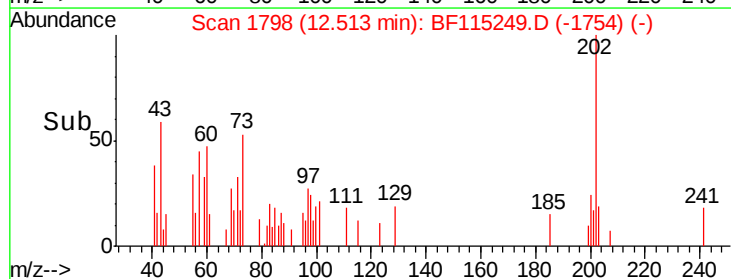
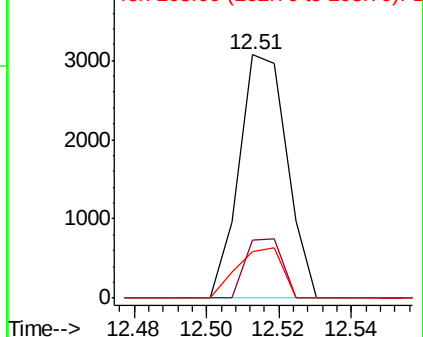


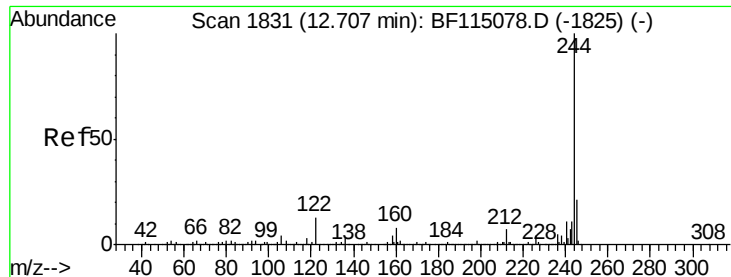
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.794 ng

RT: 12.68 min Scan# 1826

Delta R.T. -0.03 min

Lab File: BF115249.D

Acq: 27 Jun 2019 22:15

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-A

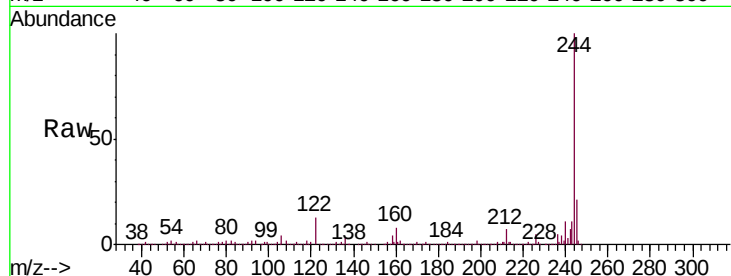
Tgt Ion:244 Resp: 2829472

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

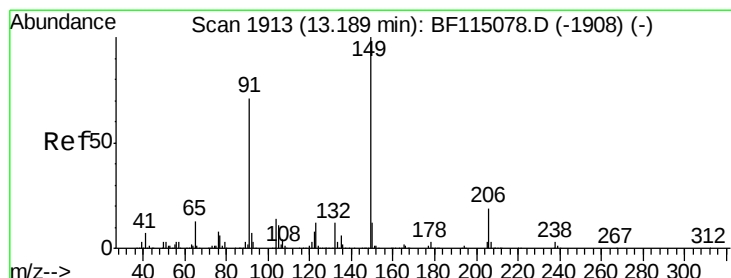
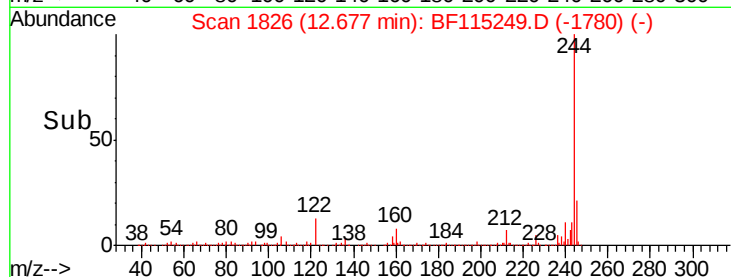
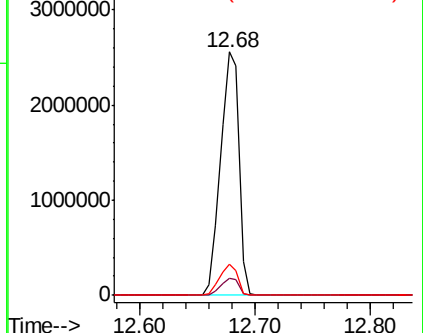
122 12.6 10.4 15.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 0.027 ng

RT: 13.15 min Scan# 1907

Delta R.T. -0.04 min

Lab File: BF115249.D

Acq: 27 Jun 2019 22:15

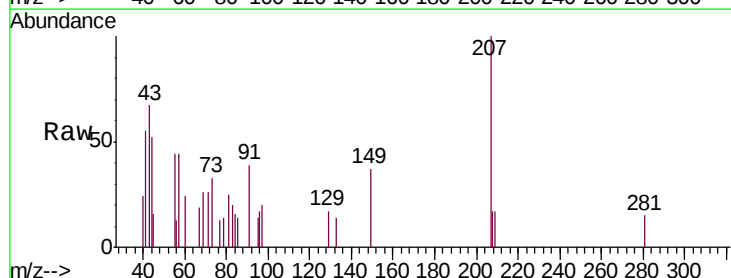
Tgt Ion:149 Resp: 691

Ion Ratio Lower Upper

149 100

91 105.3 56.5 84.7#

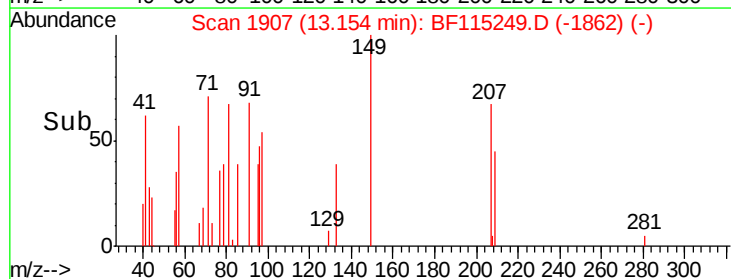
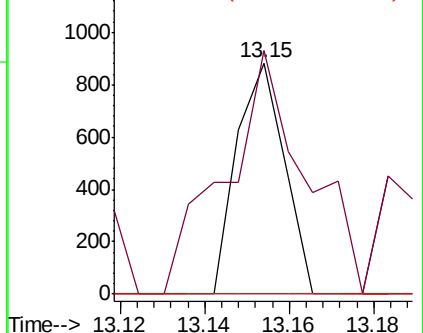
206 0.0 15.3 22.9#

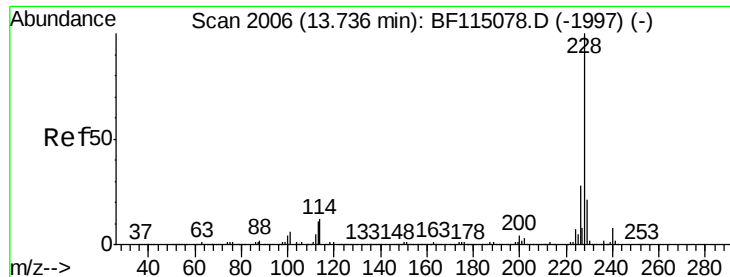


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.076 ng

RT: 13.70 min Scan# 2000

Delta R.T. -0.04 min

Lab File: BF115249.D

Acq: 27 Jun 2019 22:15

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-A

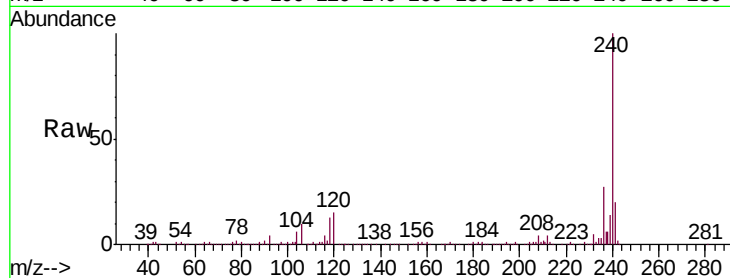
Tgt Ion:228 Resp: 4045

Ion Ratio Lower Upper

228 100

226 22.5 22.5 33.7#

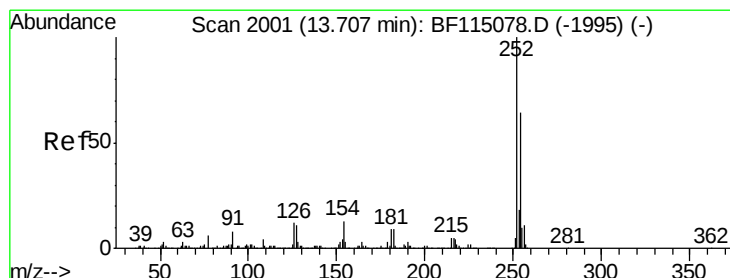
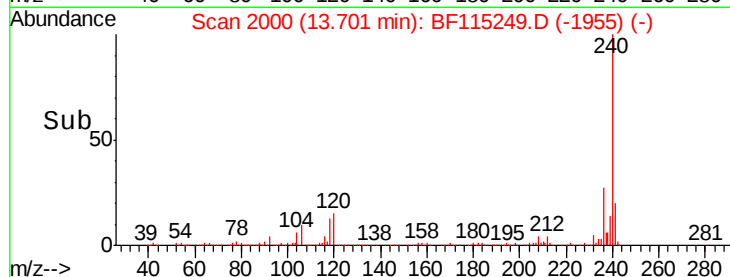
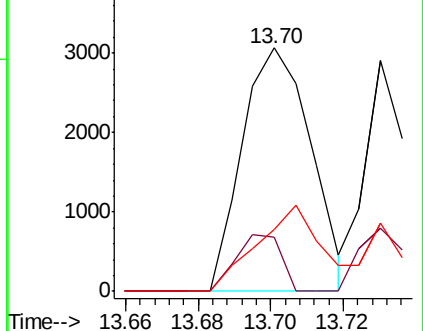
229 25.6 16.6 24.8#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 0.076 ng

RT: 13.67 min Scan# 1994

Delta R.T. -0.04 min

Lab File: BF115249.D

Acq: 27 Jun 2019 22:15

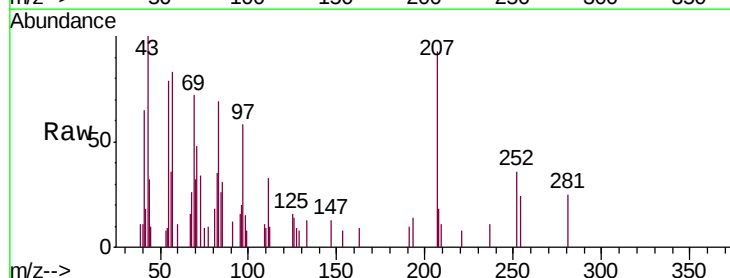
Tgt Ion:252 Resp: 1467

Ion Ratio Lower Upper

252 100

254 67.2 51.1 76.7

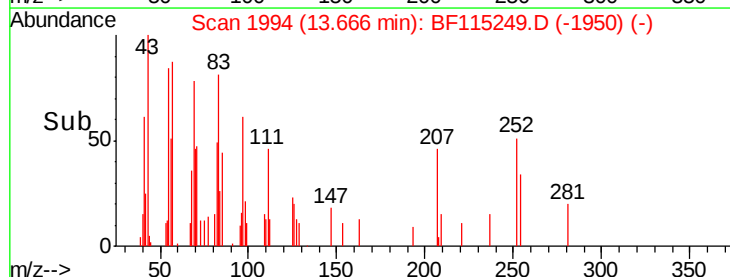
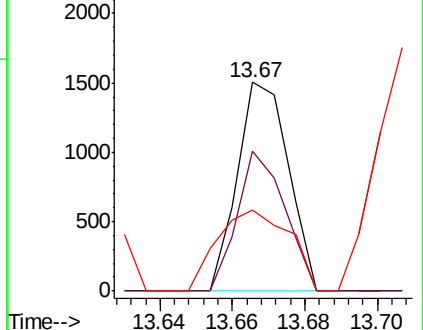
126 38.8 9.4 14.0#

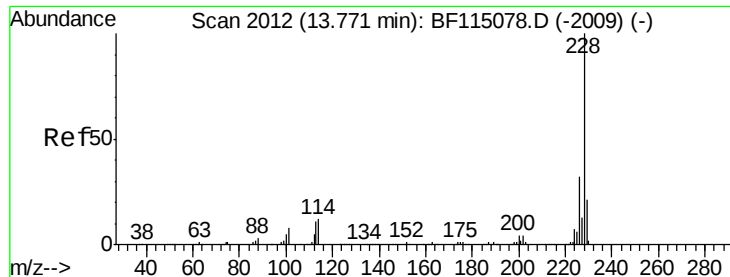


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 0.045 ng

RT: 13.73 min Scan# 2005

Delta R.T. -0.04 min

Lab File: BF115249.D

Acq: 27 Jun 2019 22:15

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-A

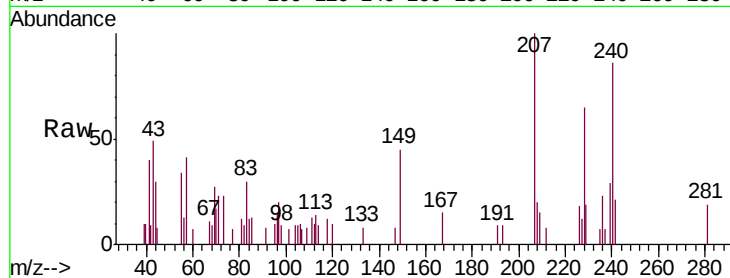
Tgt Ion:228 Resp: 2194

Ion Ratio Lower Upper

228 100

226 27.6 25.4 38.0

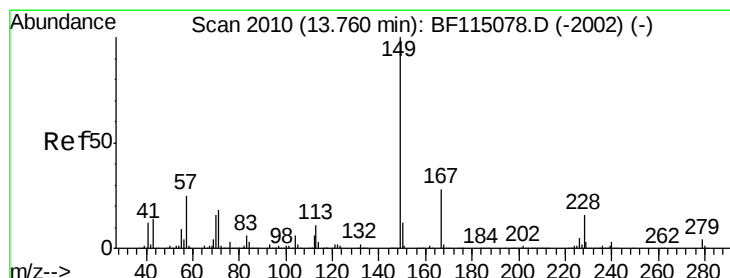
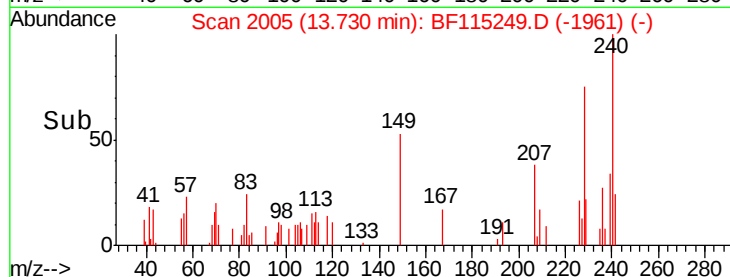
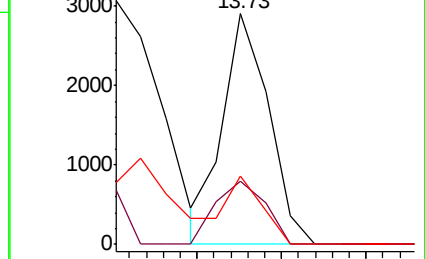
229 29.7 16.5 24.7#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.117 ng

RT: 13.72 min Scan# 2004

Delta R.T. -0.04 min

Lab File: BF115249.D

Acq: 27 Jun 2019 22:15

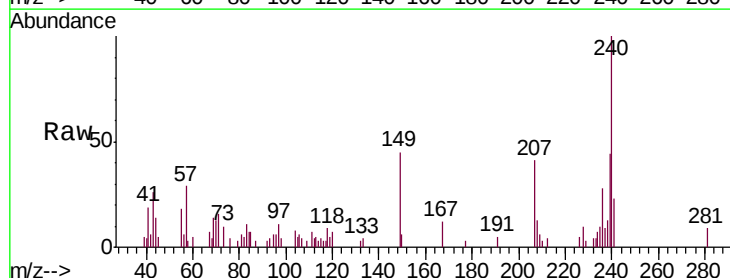
Tgt Ion:149 Resp: 3866

Ion Ratio Lower Upper

149 100

167 26.1 22.2 33.4

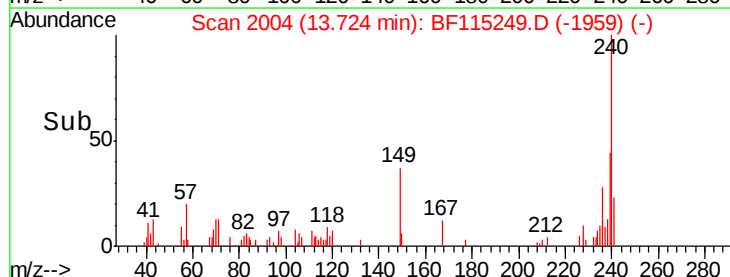
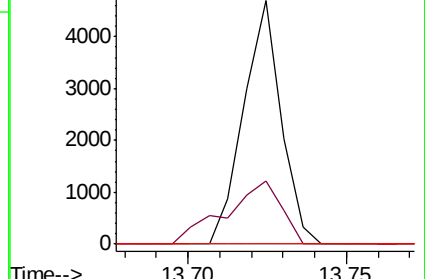
279 0.0 2.9 4.3#

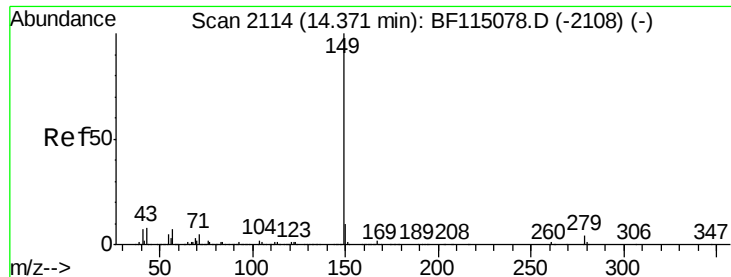


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

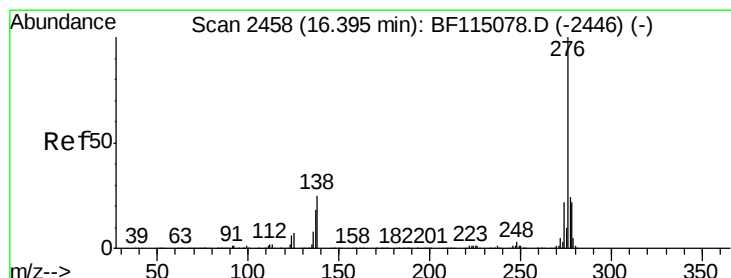
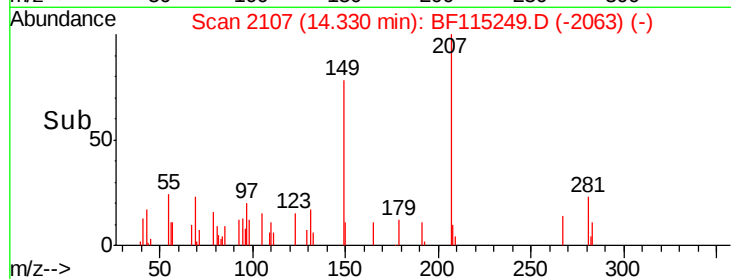
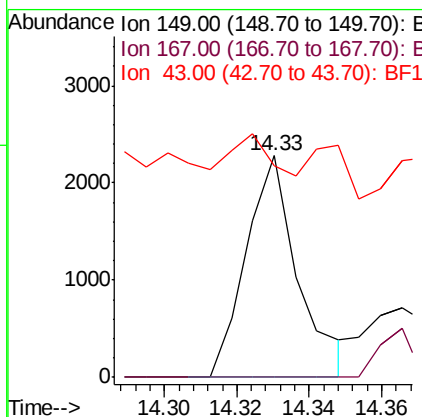
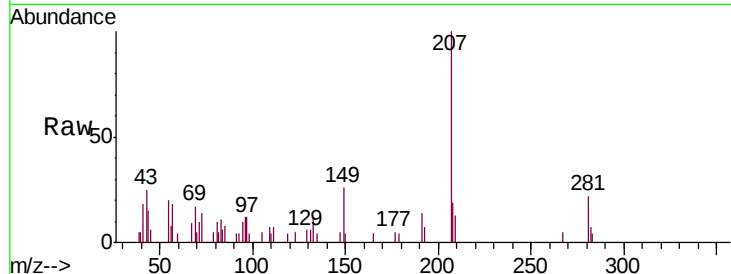




#85
Di-n-octyl phthalate
Concen: 0.041 ng
RT: 14.33 min Scan# 2107
Delta R.T. -0.04 min
Lab File: BF115249.D
Acq: 27 Jun 2019 22:15

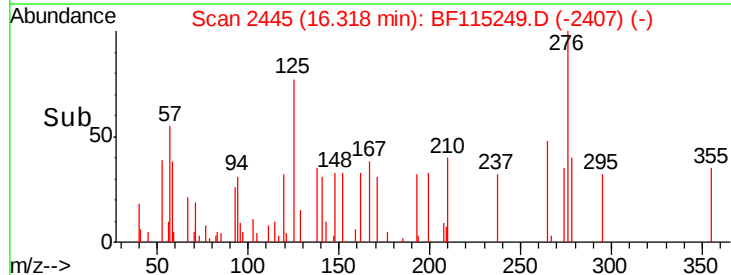
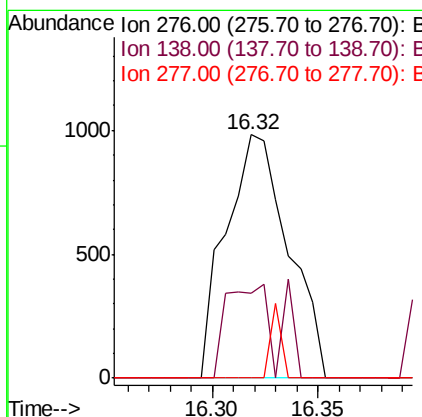
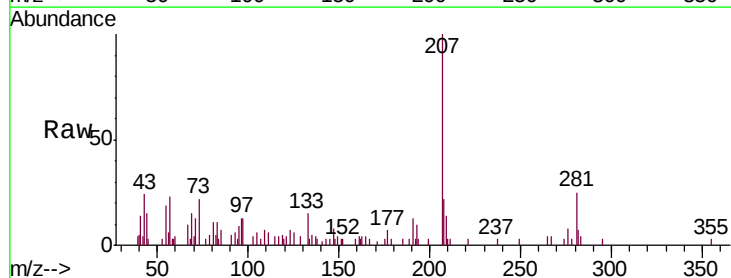
Instrument :
BNA_F
ClientSampleId :
TRIANGLE-AREA-SOIL-A

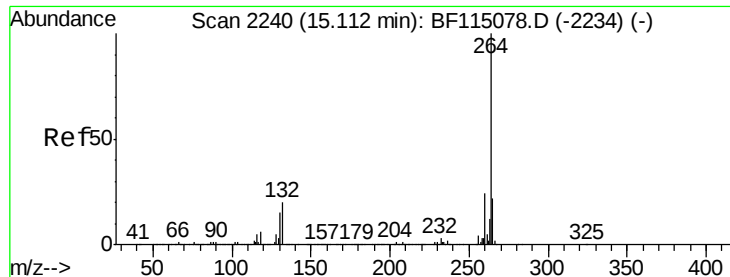
Tgt Ion:149 Resp: 2259
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 0.0 7.0 10.6#



#86
Indeno(1,2,3-cd)pyrene
Concen: 0.035 ng
RT: 16.32 min Scan# 2445
Delta R.T. -0.08 min
Lab File: BF115249.D
Acq: 27 Jun 2019 22:15

Tgt Ion:276 Resp: 2028
Ion Ratio Lower Upper
276 100
138 31.5 23.2 34.8
277 5.3 20.1 30.1#

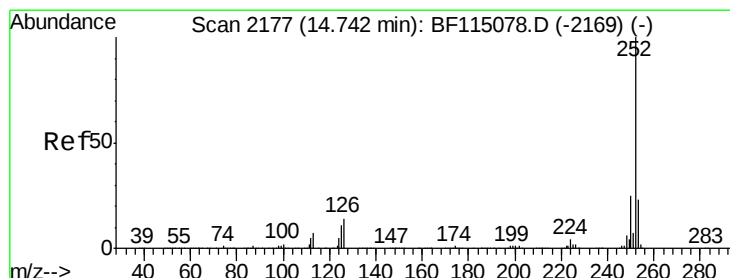
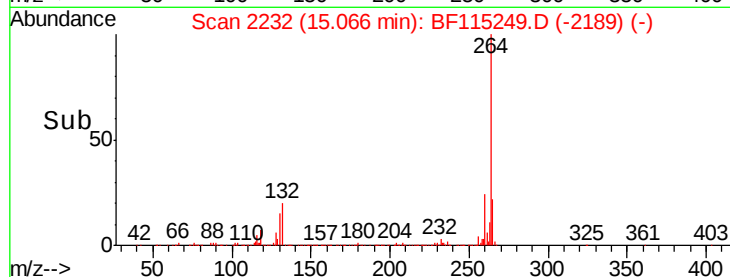
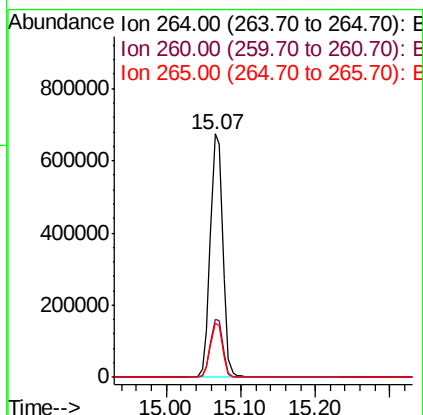
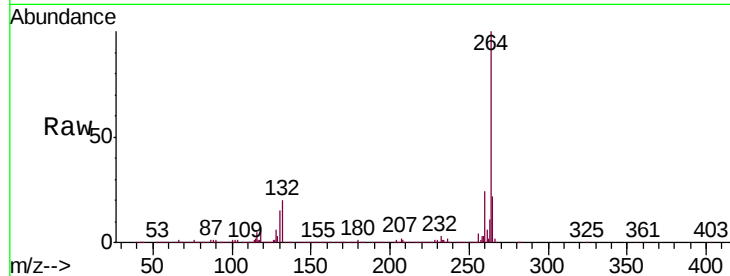




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.07 min Scan# 2232
Delta R.T. -0.05 min
Lab File: BF115249.D
Acq: 27 Jun 2019 22:15

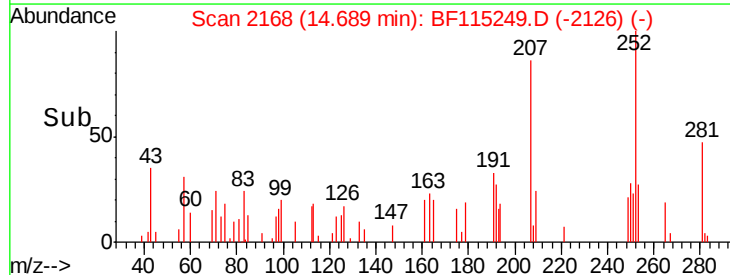
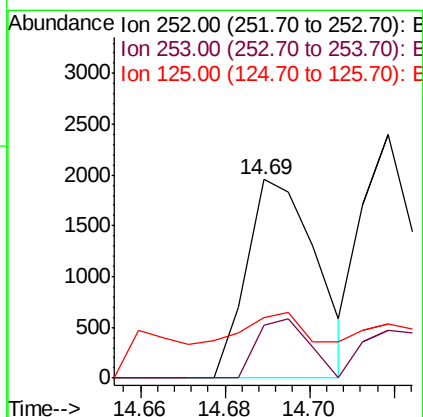
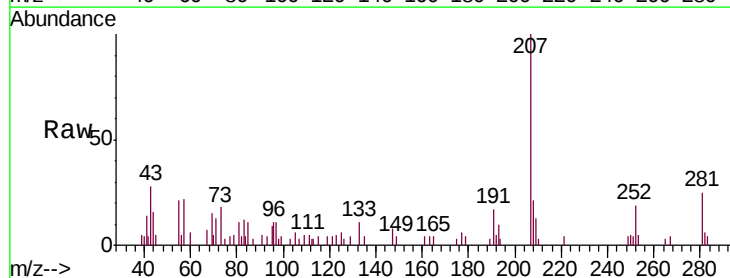
Instrument :
BNA_F
ClientSampleId :
TRIANGLE-AREA-SOIL-A

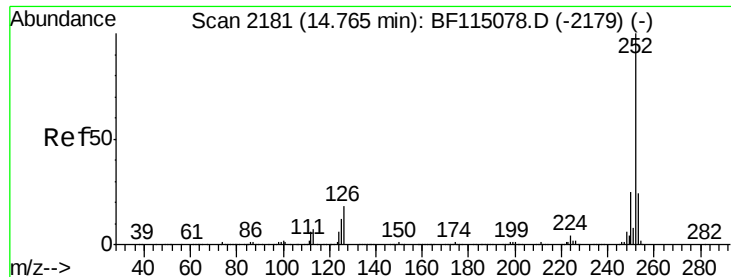
Tgt Ion: 264 Resp: 783909
Ion Ratio Lower Upper
264 100
260 23.9 19.6 29.4
265 22.0 17.3 25.9



#88
Benzo(b)fluoranthene
Concen: 0.046 ng
RT: 14.69 min Scan# 2168
Delta R.T. -0.05 min
Lab File: BF115249.D
Acq: 27 Jun 2019 22:15

Tgt Ion: 252 Resp: 2250
Ion Ratio Lower Upper
252 100
253 26.7 18.1 27.1
125 30.3 8.7 13.1#

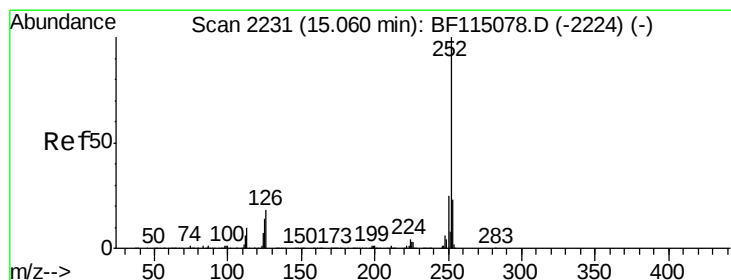
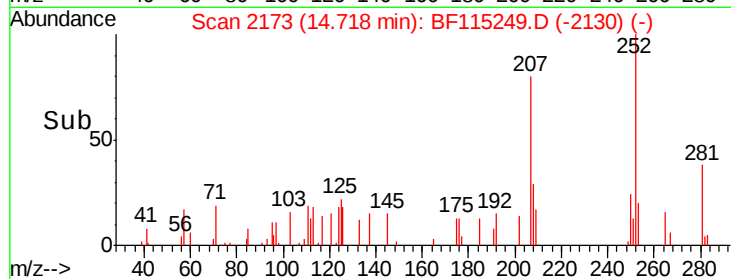
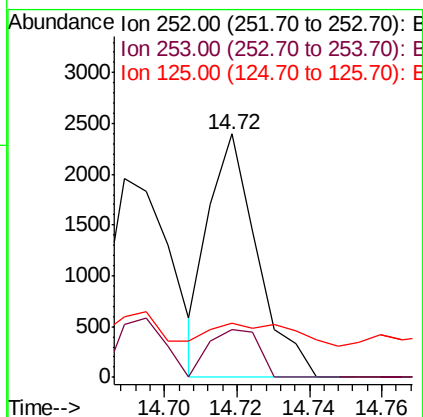
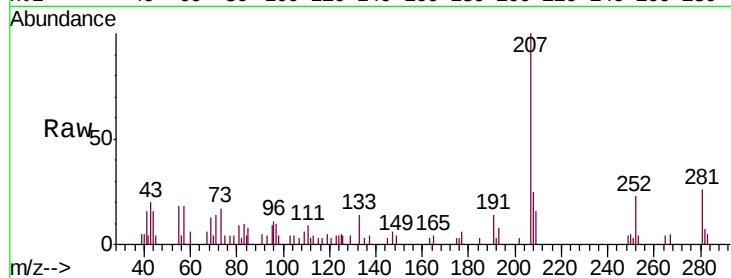




#89
Benzo(k)fluoranthene
Concen: 0.051 ng
RT: 14.72 min Scan# 2173
Delta R.T. -0.05 min
Lab File: BF115249.D
Acq: 27 Jun 2019 22:15

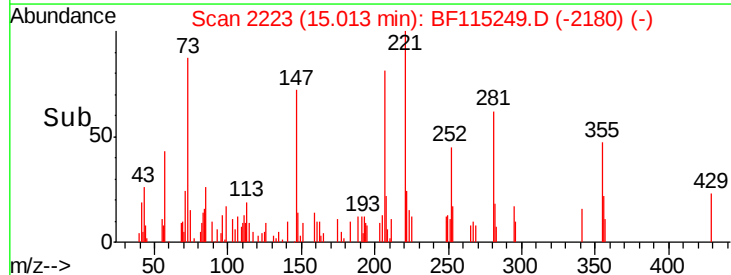
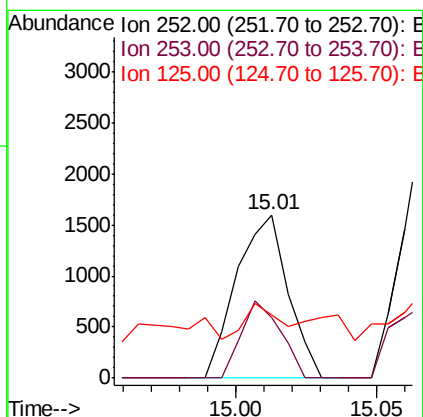
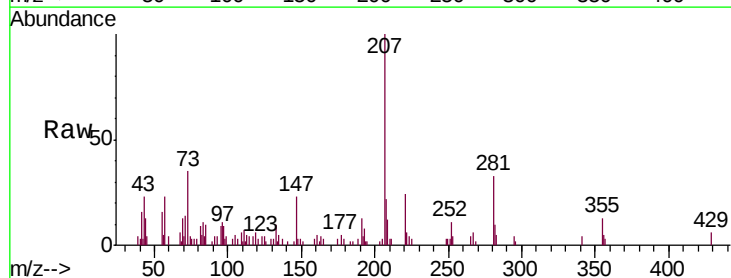
Instrument :
BNA_F
ClientSampleId :
TRIANGLE-AREA-SOIL-A

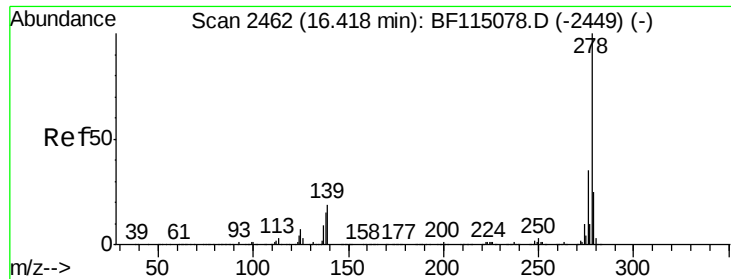
Tgt Ion:252 Resp: 2243
Ion Ratio Lower Upper
252 100
253 19.5 18.9 28.3
125 22.4 10.2 15.2#



#90
Benzo(a)pyrene
Concen: 0.046 ng
RT: 15.01 min Scan# 2223
Delta R.T. -0.05 min
Lab File: BF115249.D
Acq: 27 Jun 2019 22:15

Tgt Ion:252 Resp: 2021
Ion Ratio Lower Upper
252 100
253 37.1 18.3 27.5#
125 38.6 10.9 16.3#





#91

Dibenzo(a,h)anthracene

Concen: 0.037 ng

RT: 16.34 min Scan# 2448

Delta R.T. -0.08 min

Lab File: BF115249.D

Acq: 27 Jun 2019 22:15

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-A

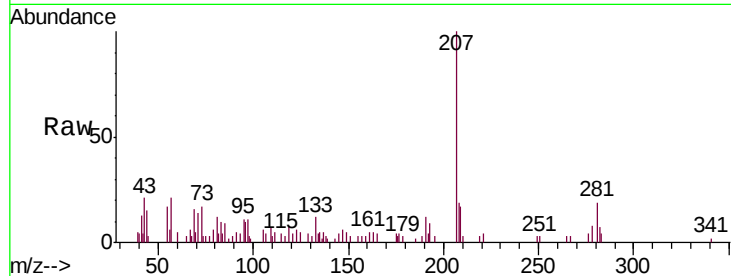
Tgt Ion: 278 Resp: 1515

Ion Ratio Lower Upper

278 100

139 32.7 15.4 23.2#

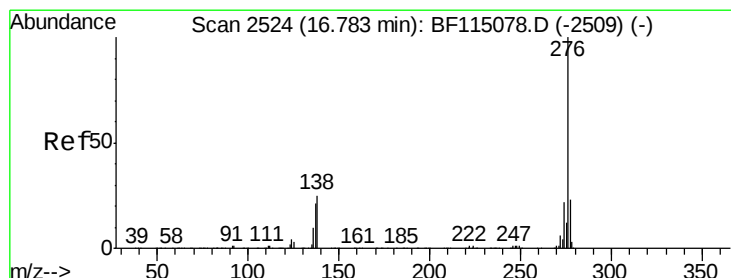
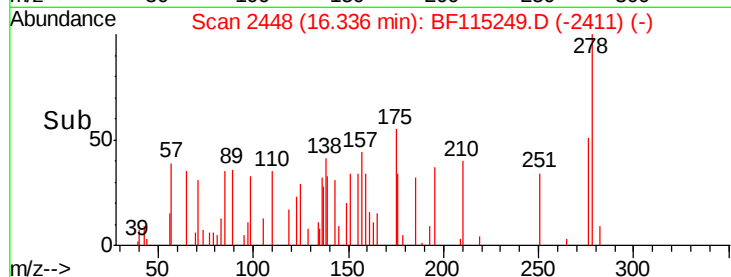
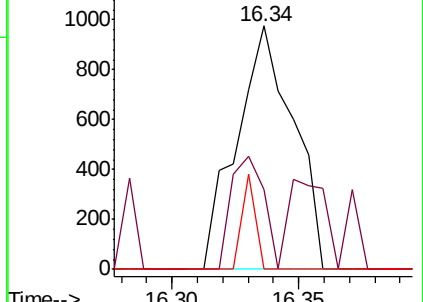
279 0.0 19.9 29.9#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 0.045 ng

RT: 16.69 min Scan# 2509

Delta R.T. -0.09 min

Lab File: BF115249.D

Acq: 27 Jun 2019 22:15

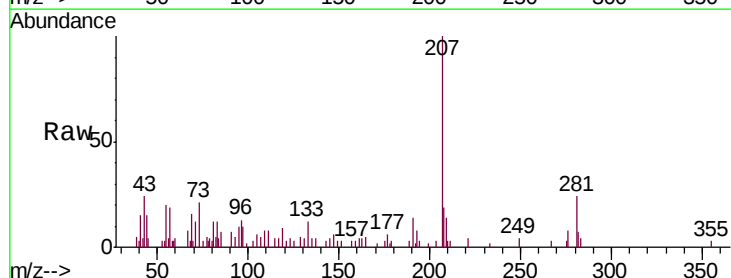
Tgt Ion: 276 Resp: 1875

Ion Ratio Lower Upper

276 100

277 0.0 18.6 28.0#

138 0.0 19.8 29.6#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

