

Data File : BF115284.D
Acq On : 28 Jun 2019 16:36
Operator : HP/JU
Sample : K3352-09DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

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

Quant Time: Jun 29 02:35:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 05:26:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	230578	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	892456	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	435012	20.00	ng	0.00
64) Phenanthrene-d10	11.10	188	864745	20.00	ng	0.00
76) Chrysene-d12	13.72	240	612399	20.00	ng	0.00
87) Perylene-d12	15.08	264	682228	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.19	112	758181	50.74	ng	0.00
7) Phenol-d6	6.24	99	948508	52.30	ng	0.00
23) Nitrobenzene-d5	7.15	82	555721	38.30	ng	-0.01
42) 2,4,6-Tribromophenol	10.40	330	246680	53.77	ng	0.00
45) 2-Fluorobiphenyl	8.95	172	959728	37.48	ng	0.00
79) Terphenyl-d14	12.68	244	959466	33.31	ng	0.00

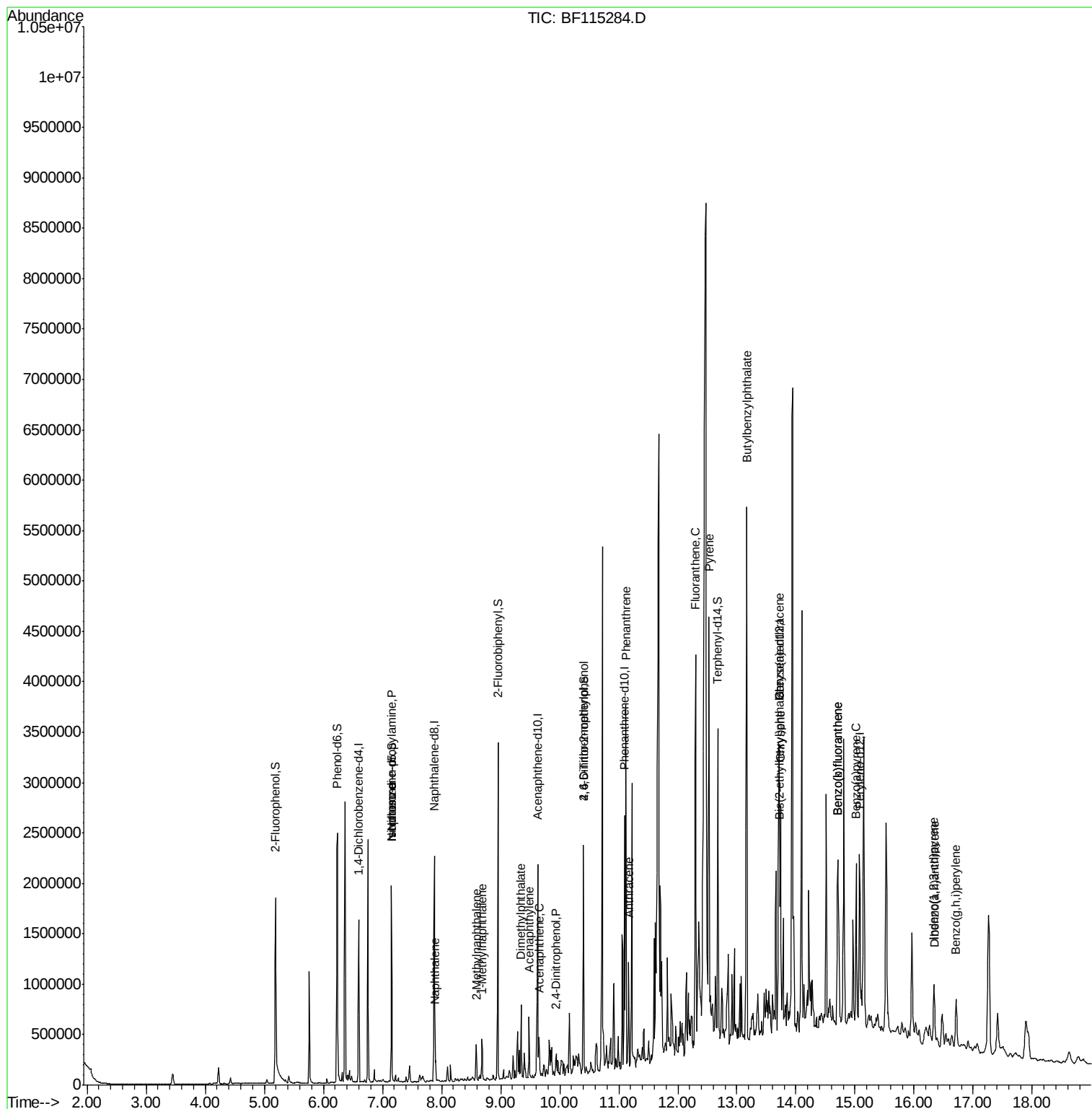
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.15	70	73796	6.356	ng	# 78
25) Isophorone	7.15	82	551523	18.557	ng	# 63
31) Naphthalene	7.90	128	114818	2.621	ng	98
37) 2-Methylnaphthalene	8.59	142	87570	2.965	ng	97
38) 1-Methylnaphthalene	8.68	142	101455	3.596	ng	99
49) Acenaphthylene	9.48	152	235343	5.350	ng	97
50) Dimethylphthalate	9.35	163	173142	5.410	ng	98
52) Acenaphthene	9.65	154	75527	2.744	ng	98
54) 2,4-Dinitrophenol	9.95	184	149	7.379	ng	# 1
58) Fluorene	10.17	166	153998	Below Cal		97
65) 4,6-Dinitro-2-methylphenol	10.40	198	593	5.075	ng	# 1
71) Phenanthrene	11.12	178	1285133	27.602	ng	99
72) Anthracene	11.17	178	373009	7.937	ng	98
75) Fluoranthene	12.30	202	1413263	30.423	ng	98
78) Pyrene	12.52	202	1669347	35.470	ng	99
80) Butylbenzylphthalate	13.17	149	1274486	61.363	ng	96
81) Benzo(a)anthracene	13.71	228	795440	18.102	ng	94
83) Chrysene	13.74	228	762145	18.935	ng	98
84) Bis(2-ethylhexyl)phthalate	13.73	149	110004	4.042	ng	# 92
86) Indeno(1,2,3-cd)pyrene	16.34	276	346091	7.266	ng	95
88) Benzo(b)fluoranthene	14.71	252	1152888	27.083	ng	98
89) Benzo(k)fluoranthene	14.71	252	1152888	30.200	ng	99
90) Benzo(a)pyrene	15.02	252	668987	17.436	ng	98
91) Dibenzo(a,h)anthracene	16.35	278	101867	2.844	ng	95
92) Benzo(g,h,i)perylene	16.71	276	326882	9.017	ng	99

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

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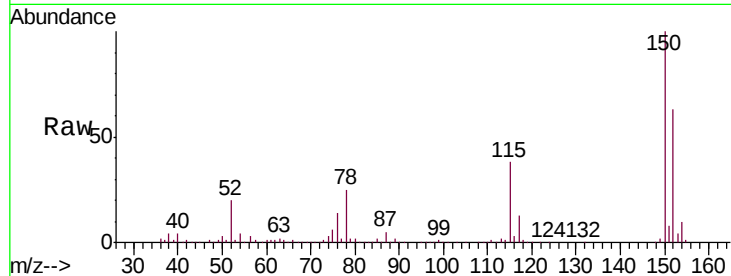


#1

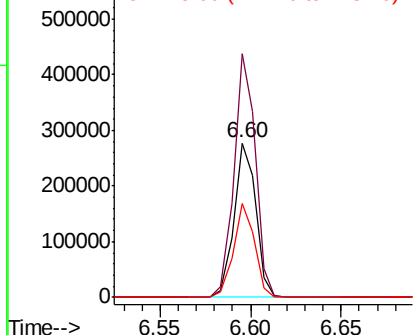
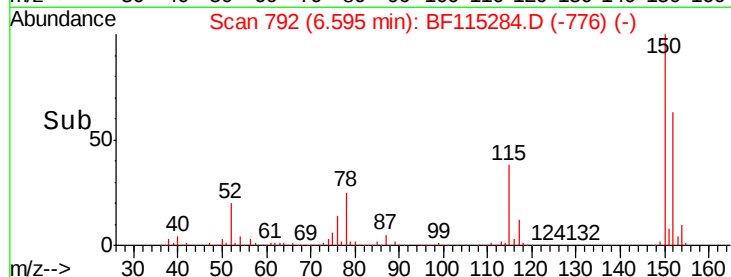
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF115284.D
Acq: 28 Jun 2019 16:36

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

Tgt Ion:152 Resp: 230578
Ion Ratio Lower Upper
152 100
150 157.9 124.2 186.2
115 60.5 46.1 69.1



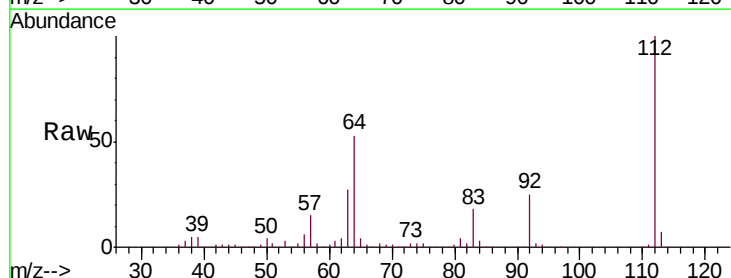
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



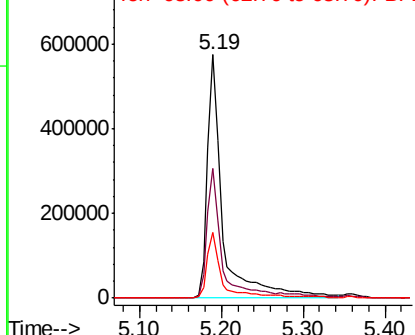
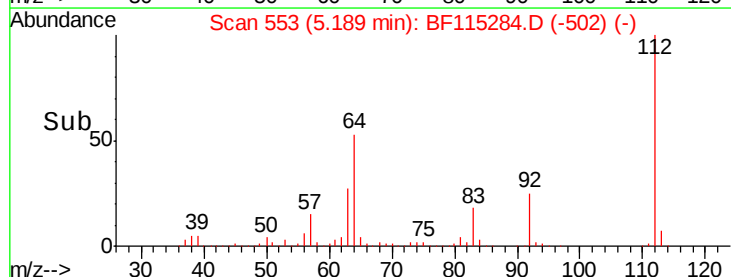
#5

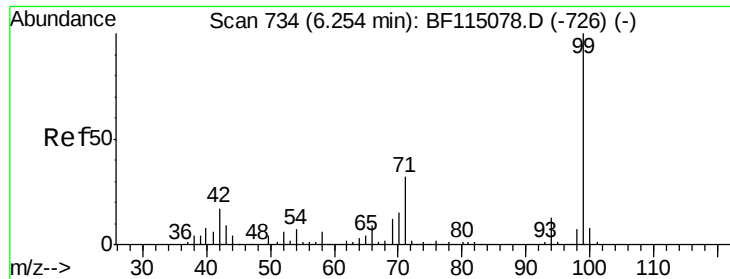
2-Fluorophenol
Concen: 50.742 ng
RT: 5.19 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF115284.D
Acq: 28 Jun 2019 16:36

Tgt Ion:112 Resp: 758181
Ion Ratio Lower Upper
112 100
64 53.2 43.8 65.6
63 27.0 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





#7

Phenol-d6

Concen: 52.300 ng

RT: 6.24 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF115284.D

Acq: 28 Jun 2019 16:36

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-CDL

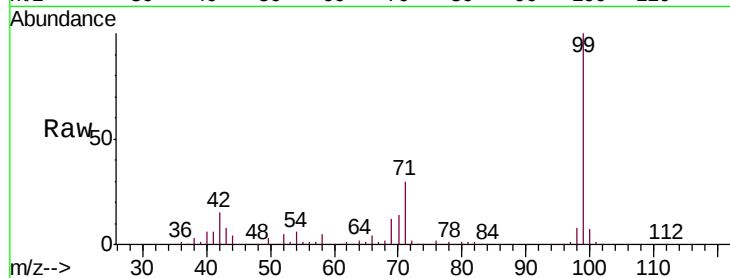
Tgt Ion: 99 Resp: 948508

Ion Ratio Lower Upper

99 100

42 15.4 13.6 20.4

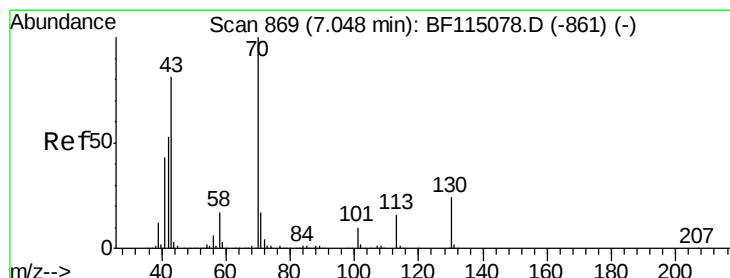
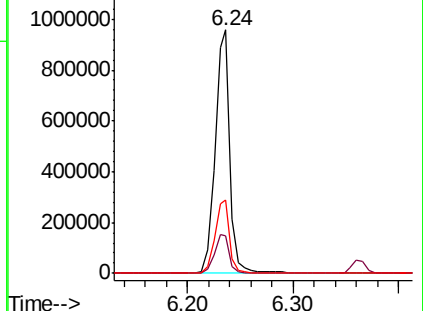
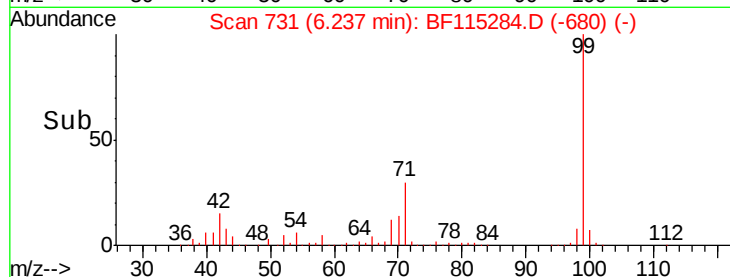
71 30.1 25.5 38.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 6.356 ng

RT: 7.15 min Scan# 887

Delta R.T. 0.13 min

Lab File: BF115284.D

Acq: 28 Jun 2019 16:36

Tgt Ion: 70 Resp: 73796

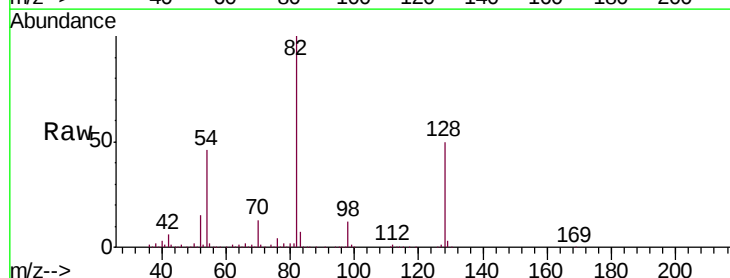
Ion Ratio Lower Upper

70 100

42 45.5 42.6 63.8

101 0.0 8.0 12.0#

130 2.2 19.4 29.0#

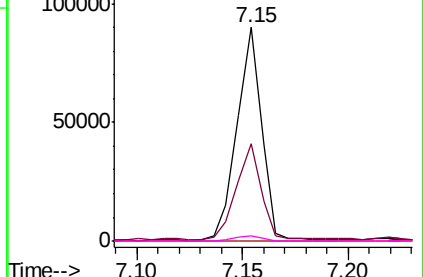
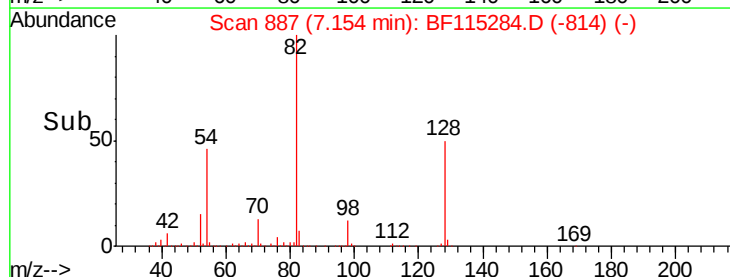


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

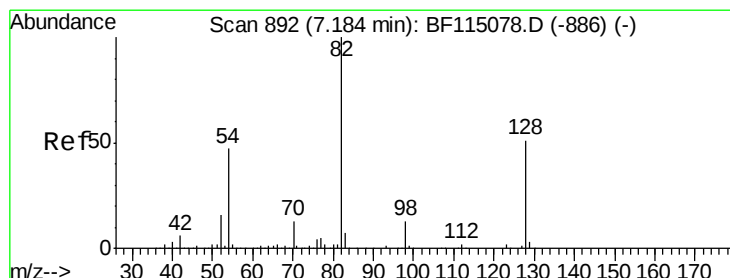
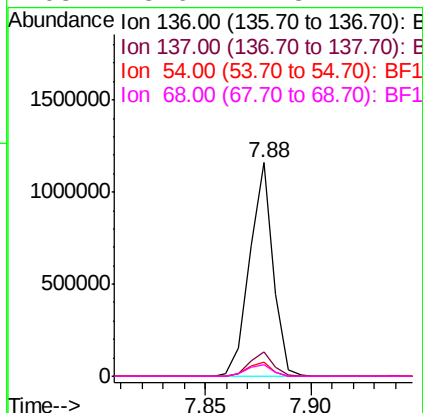
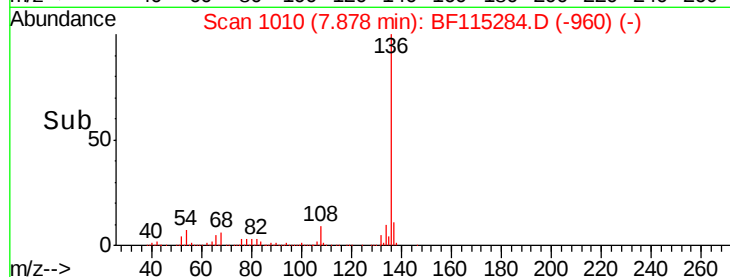
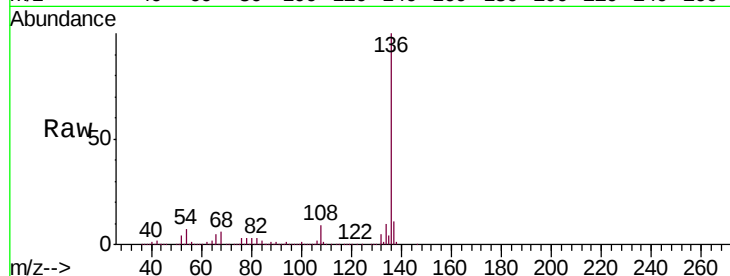




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF115284.D
Acq: 28 Jun 2019 16:36

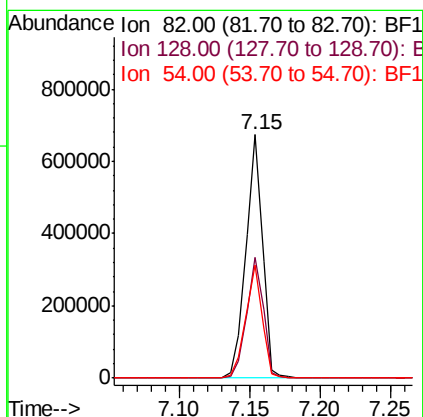
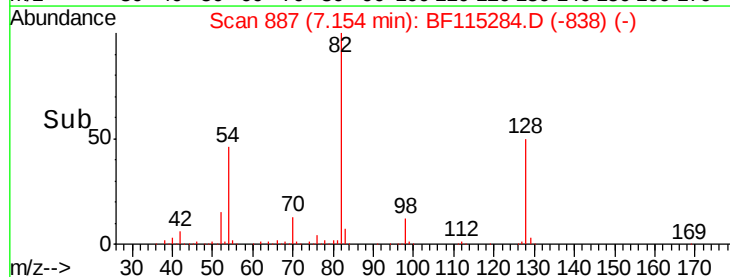
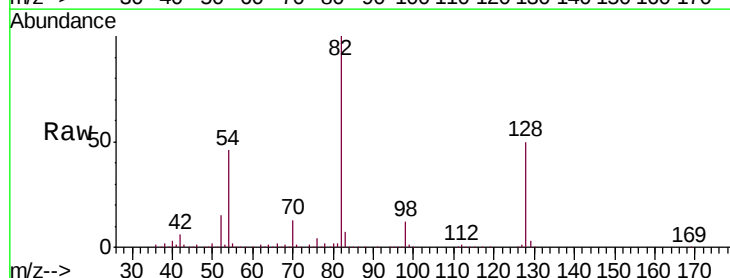
Instrument :
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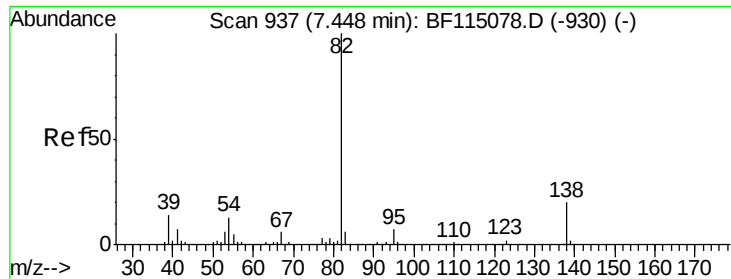
Tgt Ion:	136	Resp:	892456
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	6.7	5.6	8.4
68	5.6	4.8	7.2



#23
Nitrobenzene-d5
Concen: 38.305 ng
RT: 7.15 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF115284.D
Acq: 28 Jun 2019 16:36

Tgt Ion:	82	Resp:	555721
Ion	Ratio	Lower	Upper
82	100		
128	49.7	40.4	60.6
54	46.3	37.5	56.3





#25

Isophorone

Concen: 18.557 ng

RT: 7.15 min Scan# 887

Delta R.T. -0.27 min

Lab File: BF115284.D

Acq: 28 Jun 2019 16:36

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-CDL

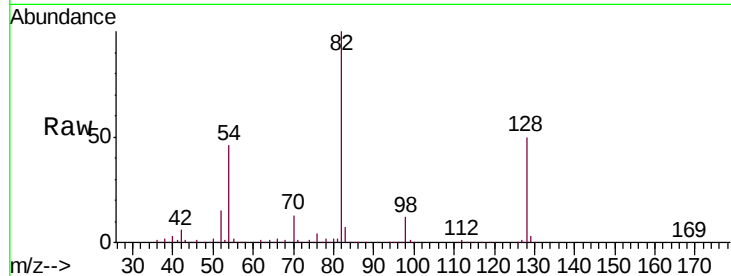
Tgt Ion: 82 Resp: 551523

Ion Ratio Lower Upper

82 100

95 0.1 5.4 8.2#

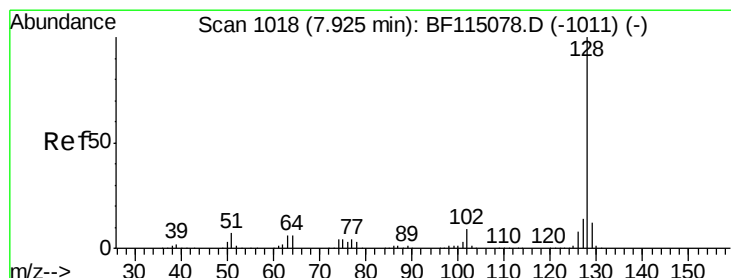
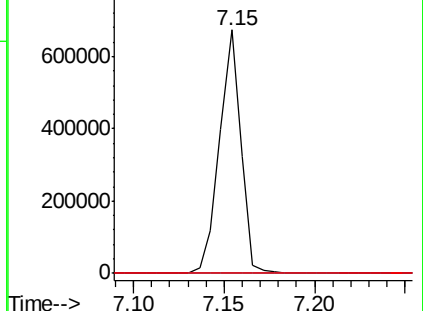
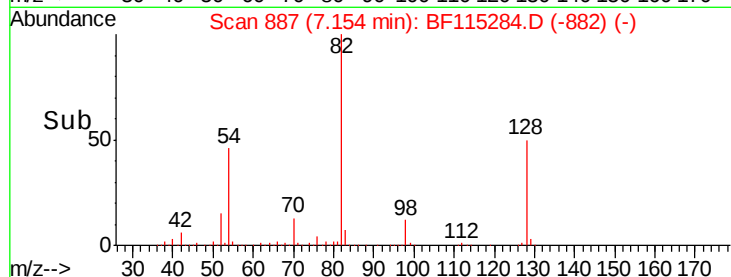
138 0.0 15.9 23.9#



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



#31

Naphthalene

Concen: 2.621 ng

RT: 7.90 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF115284.D

Acq: 28 Jun 2019 16:36

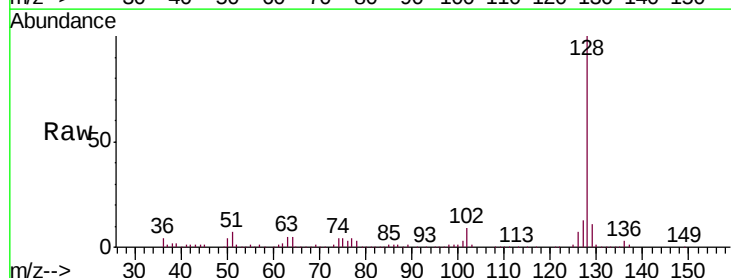
Tgt Ion: 128 Resp: 114818

Ion Ratio Lower Upper

128 100

129 11.4 9.6 14.4

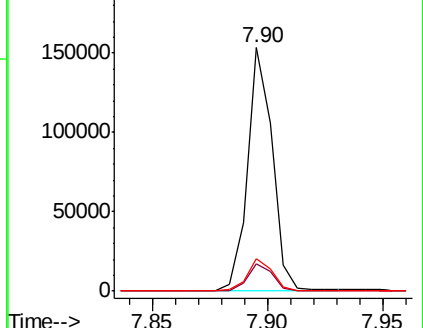
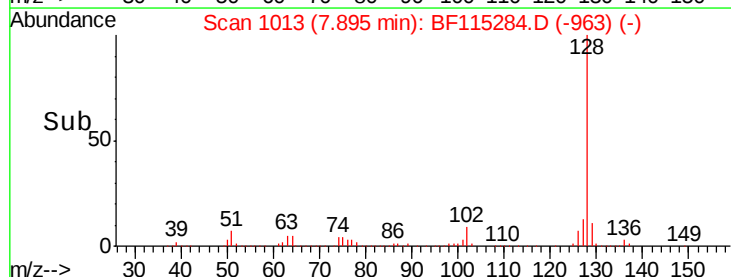
127 13.2 11.4 17.0

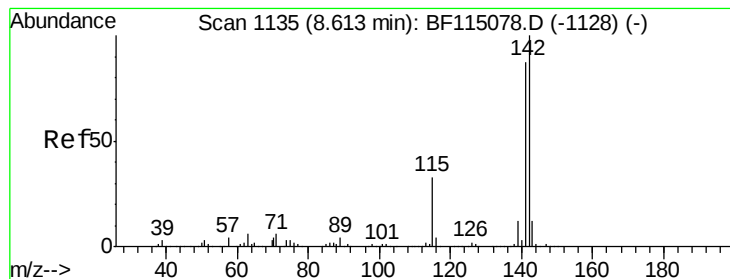


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#37

2-Methylnaphthalene

Concen: 2.965 ng

RT: 8.59 min Scan# 1131

Delta R.T. 0.00 min

Lab File: BF115284.D

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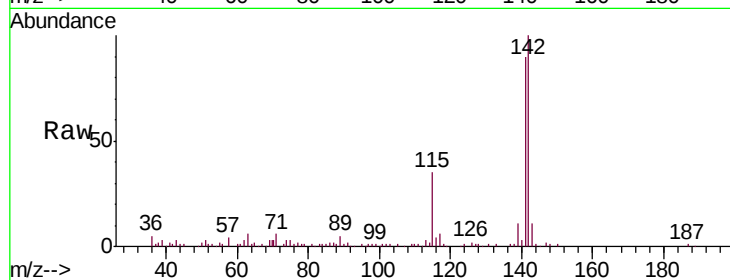
Tgt Ion:142 Resp: 87570

Ion Ratio Lower Upper

142 100

141 90.4 69.8 104.6

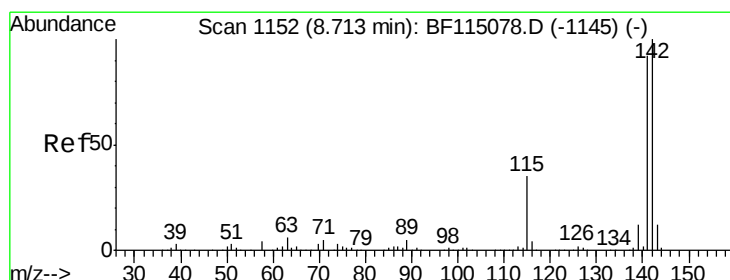
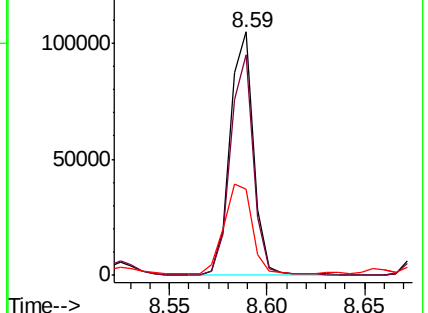
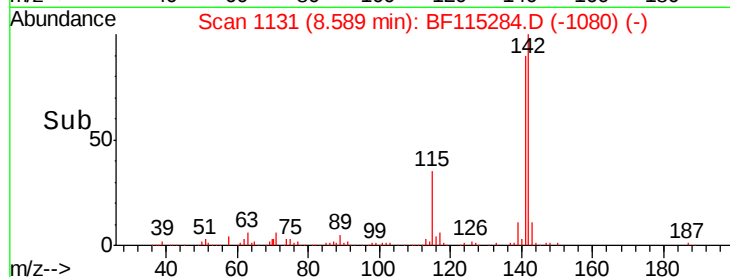
115 35.2 26.7 40.1



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: 3.596 ng

RT: 8.68 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BF115284.D

Acq: 28 Jun 2019 16:36

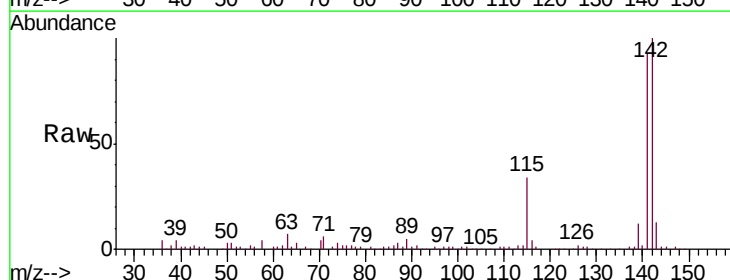
Tgt Ion:142 Resp: 101455

Ion Ratio Lower Upper

142 100

141 93.0 73.8 110.8

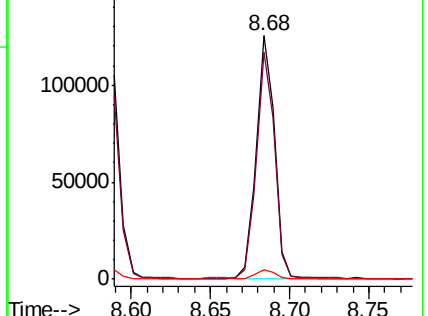
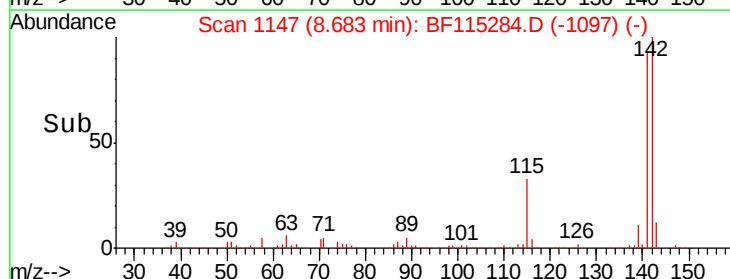
116 3.9 2.8 4.2

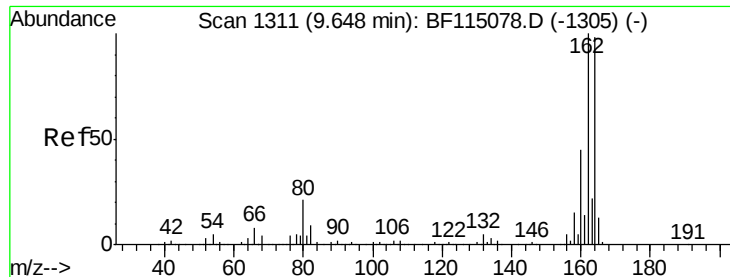


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

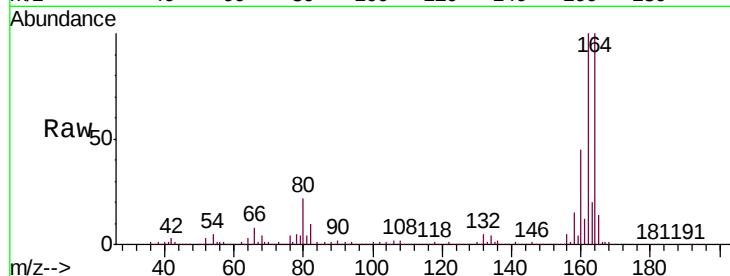




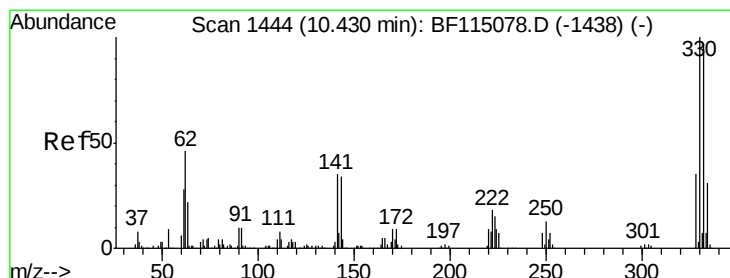
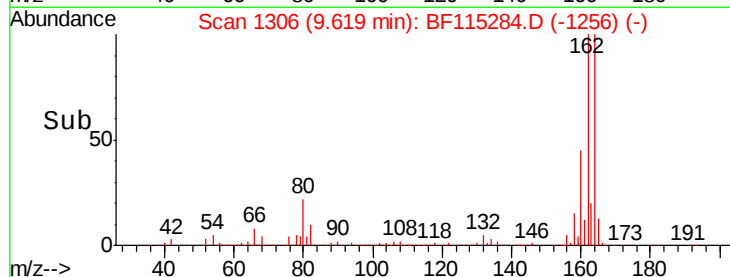
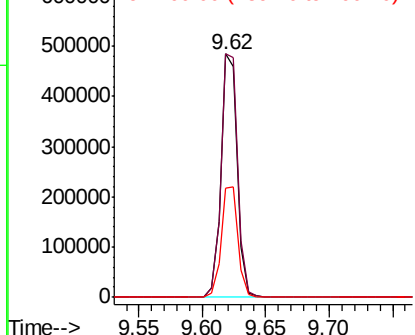
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.62 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF115284.D
Acq: 28 Jun 2019 16:36

Instrument :
BNA_F
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TRIANGLE-AREA-SOIL-CDL

Tgt Ion:164 Resp: 435012
Ion Ratio Lower Upper
164 100
162 100.0 81.7 122.5
160 44.9 37.0 55.4

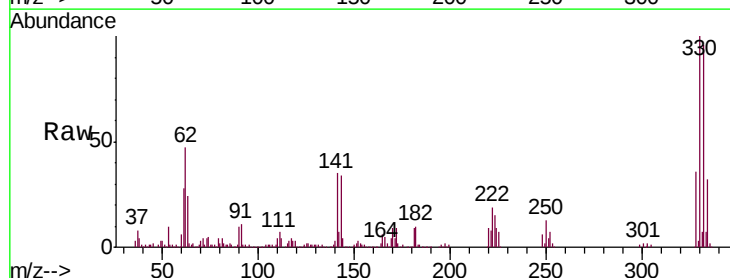


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

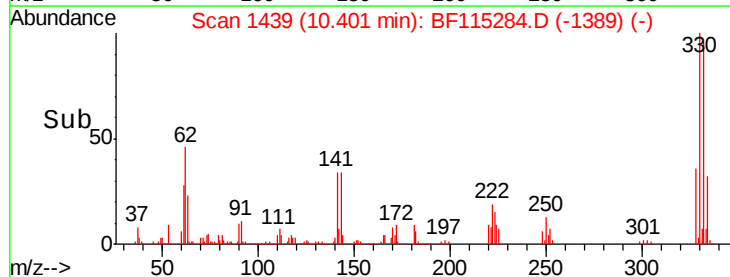
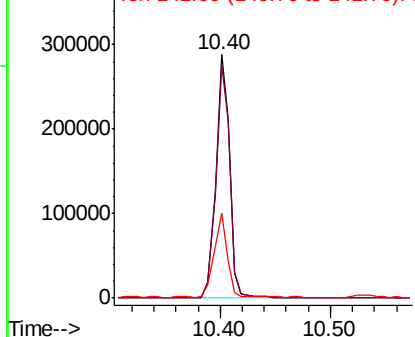


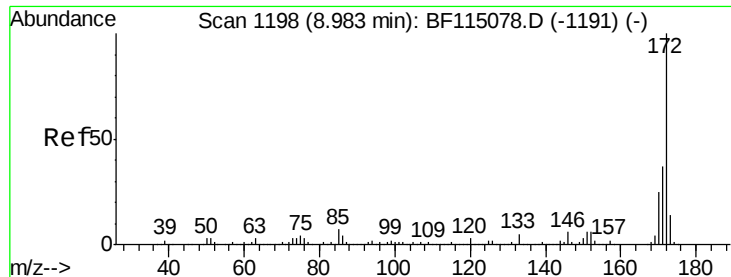
#42
2,4,6-Tribromophenol
Concen: 53.774 ng
RT: 10.40 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF115284.D
Acq: 28 Jun 2019 16:36

Tgt Ion:330 Resp: 246680
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 33.0 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

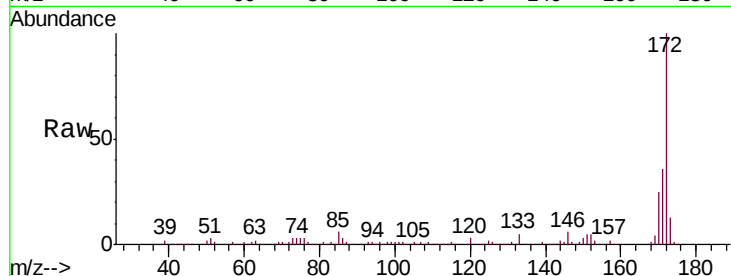




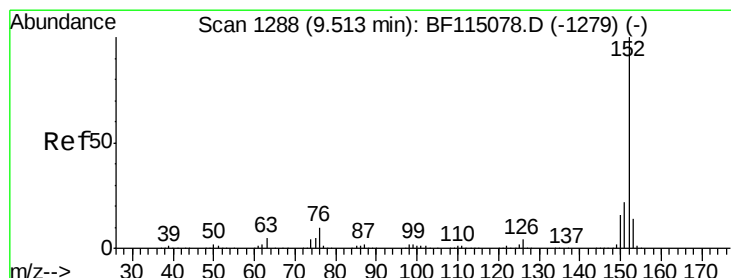
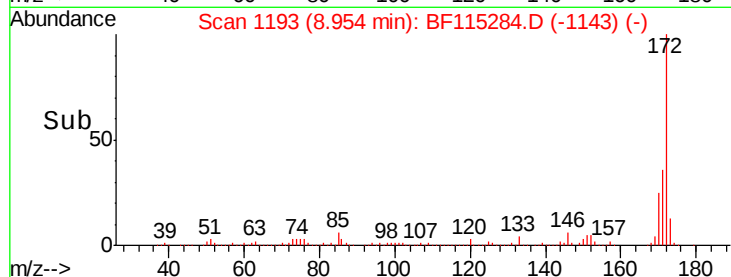
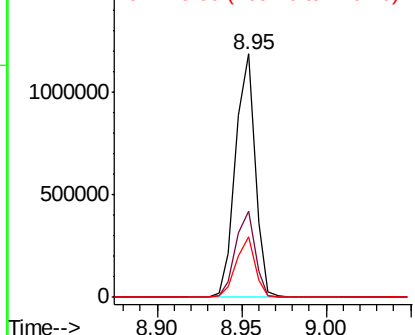
#45
2-Fluorobiphenyl
Concen: 37.475 ng
RT: 8.95 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF115284.D
Acq: 28 Jun 2019 16:36

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

Tgt Ion:172 Resp: 959728
Ion Ratio Lower Upper
172 100
171 35.6 29.8 44.6
170 24.6 20.3 30.5

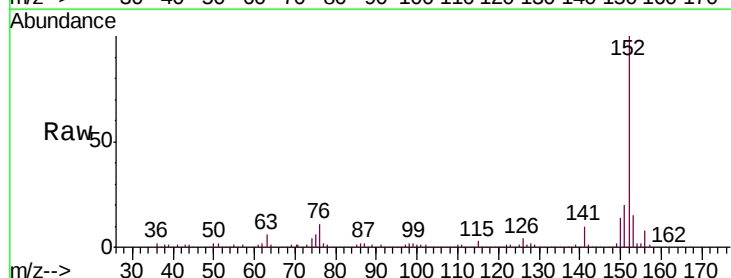


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

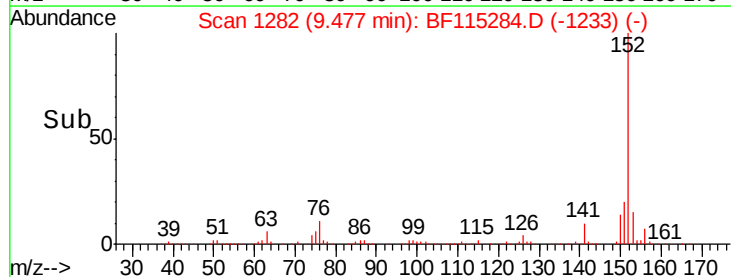
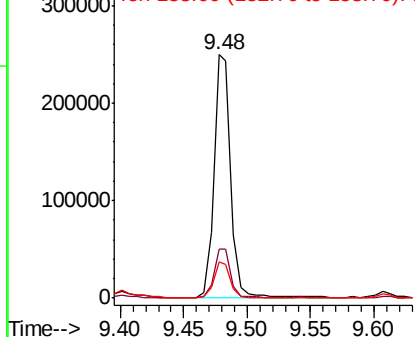


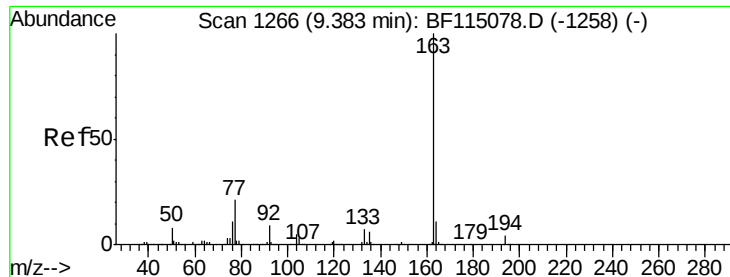
#49
Acenaphthylene
Concen: 5.350 ng
RT: 9.48 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF115284.D
Acq: 28 Jun 2019 16:36

Tgt Ion:152 Resp: 235343
Ion Ratio Lower Upper
152 100
151 20.1 17.2 25.8
153 15.1 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

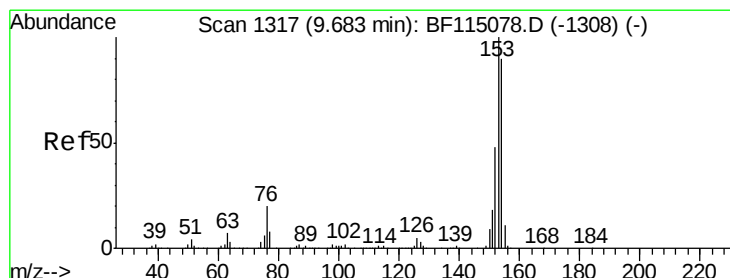
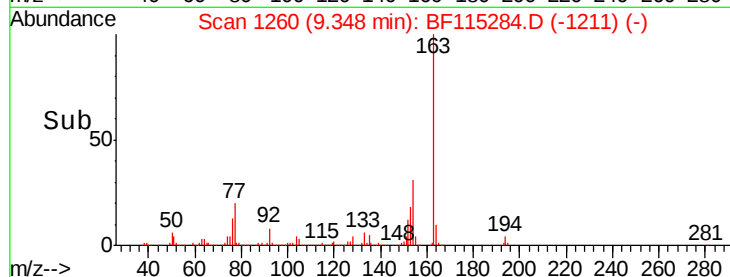
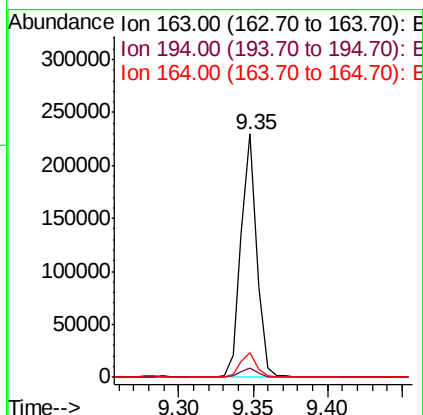
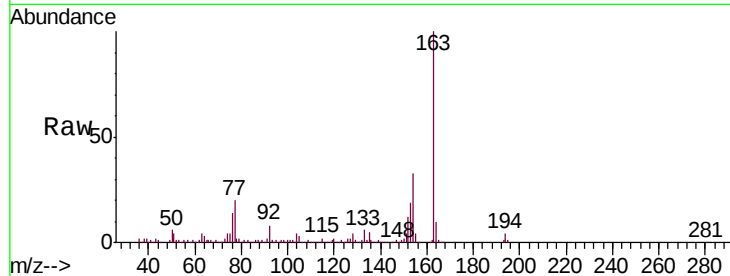




#50
Dimethylphthalate
Concen: 5.410 ng
RT: 9.35 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF115284.D
Acq: 28 Jun 2019 16:36

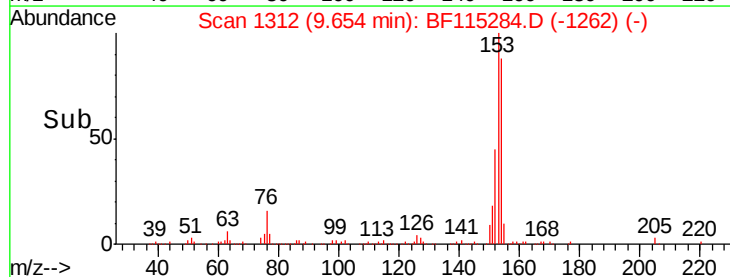
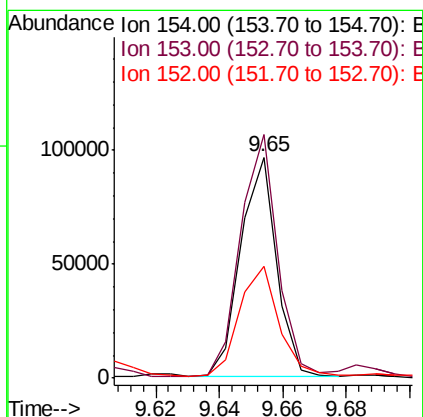
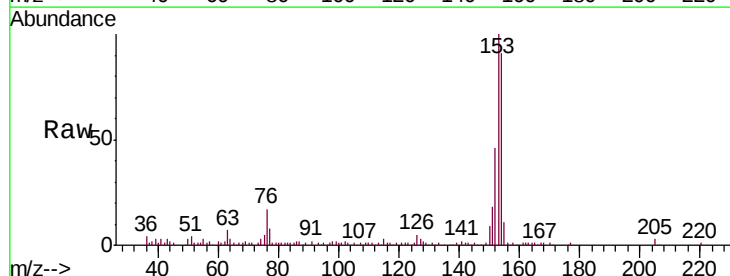
Instrument :
BNA_F
ClientSampleId :
TRIANGLE-AREA-SOIL-CDL

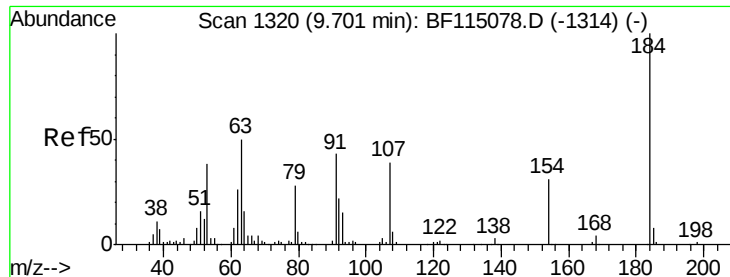
Tgt Ion:163 Resp: 173142
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.1 8.6 13.0



#52
Acenaphthene
Concen: 2.744 ng
RT: 9.65 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF115284.D
Acq: 28 Jun 2019 16:36

Tgt Ion:154 Resp: 75527
Ion Ratio Lower Upper
154 100
153 110.3 88.7 133.1
152 50.8 42.6 64.0

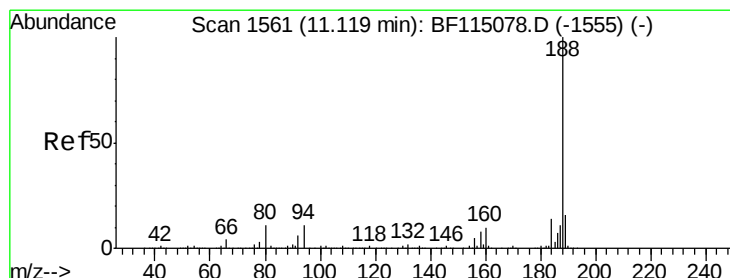
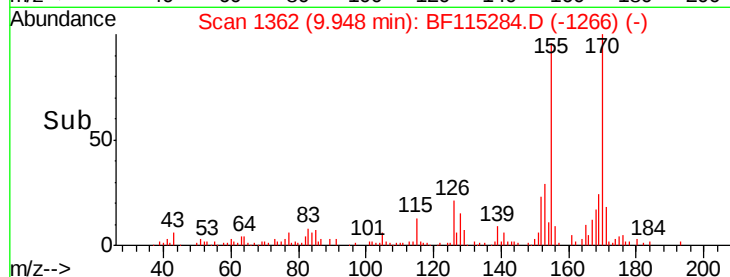
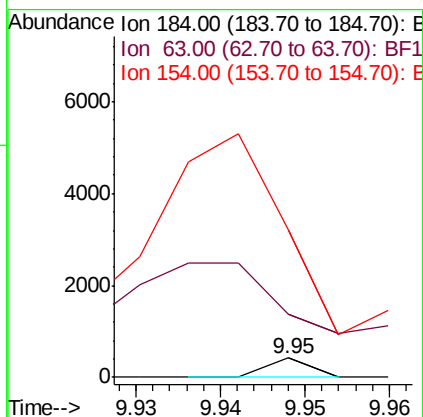
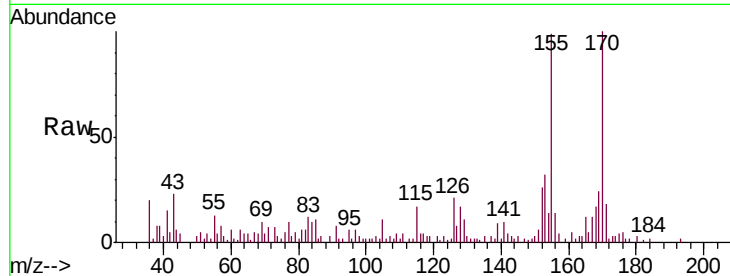




#54
 2,4-Dinitrophenol
 Concen: 7.379 ng
 RT: 9.95 min Scan# 1362
 Delta R.T. 0.26 min
 Lab File: BF115284.D
 Acq: 28 Jun 2019 16:36

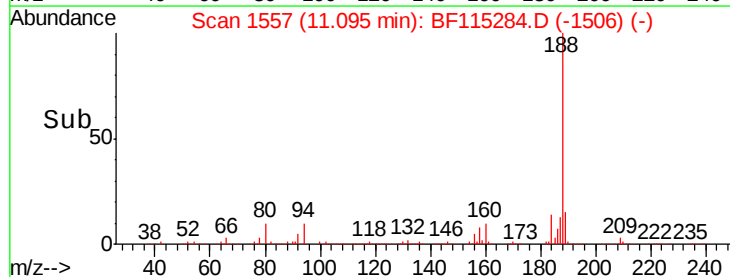
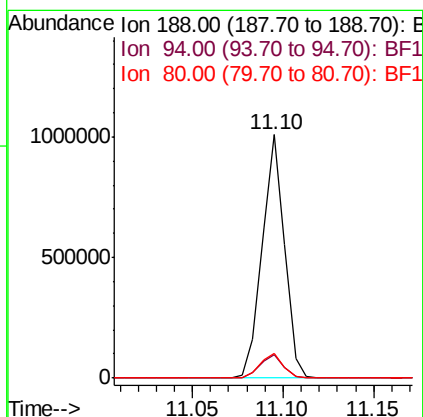
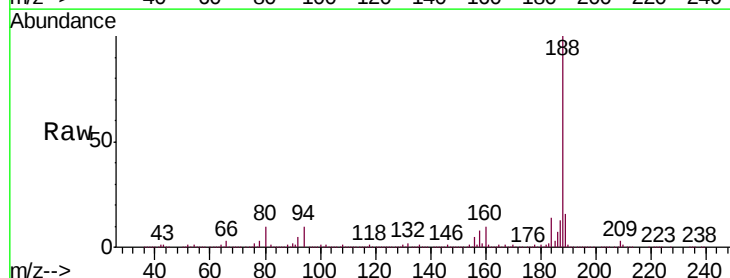
Instrument :
 BNA_F
 ClientSampleId :
 TRIANGLE-AREA-SOIL-CDL

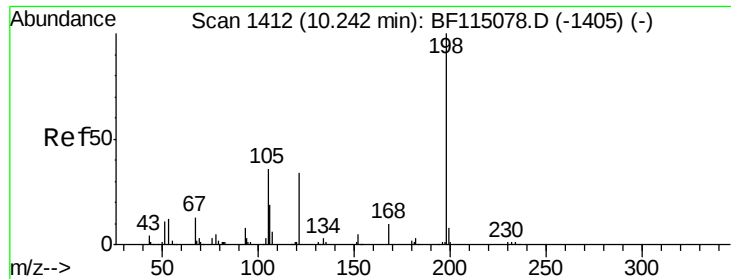
Tgt Ion:184 Resp: 149
 Ion Ratio Lower Upper
 184 100
 63 323.2 41.9 62.9#
 154 758.6 44.7 67.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.10 min Scan# 1557
 Delta R.T. 0.00 min
 Lab File: BF115284.D
 Acq: 28 Jun 2019 16:36

Tgt Ion:188 Resp: 864745
 Ion Ratio Lower Upper
 188 100
 94 9.7 8.6 12.8
 80 10.0 8.8 13.2





#65

4,6-Dinitro-2-methylphenol

Concen: 5.075 ng

RT: 10.40 min Scan# 1439

Delta R.T. 0.18 min

Lab File: BF115284.D

Acq: 28 Jun 2019 16:36

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-CDL

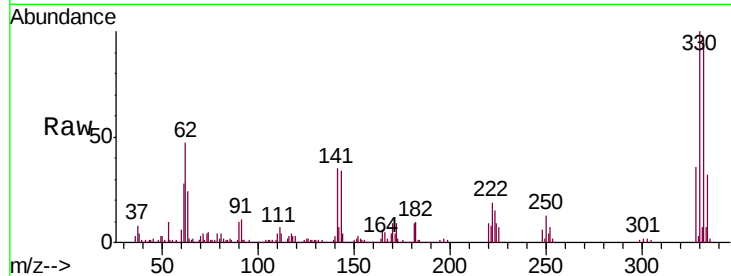
Tgt Ion:198 Resp: 593

Ion Ratio Lower Upper

198 100

51 321.2 11.0 51.0#

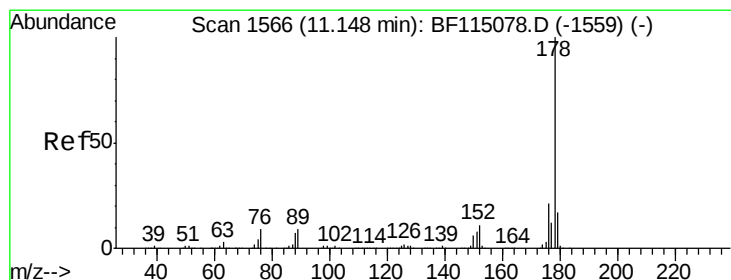
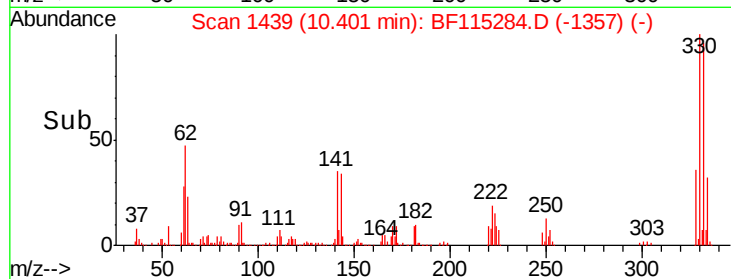
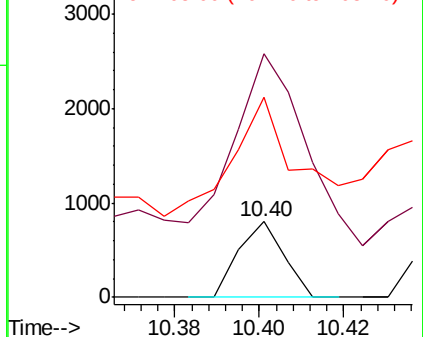
105 263.4 17.3 57.3#



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



#71

Phenanthrene

Concen: 27.602 ng

RT: 11.12 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BF115284.D

Acq: 28 Jun 2019 16:36

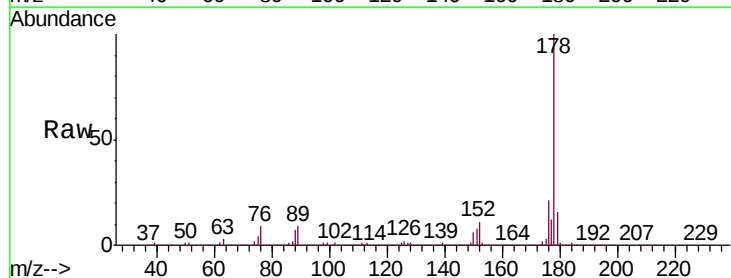
Tgt Ion:178 Resp: 1285133

Ion Ratio Lower Upper

178 100

176 20.7 16.9 25.3

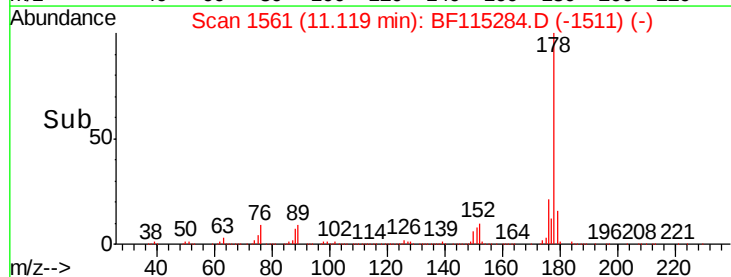
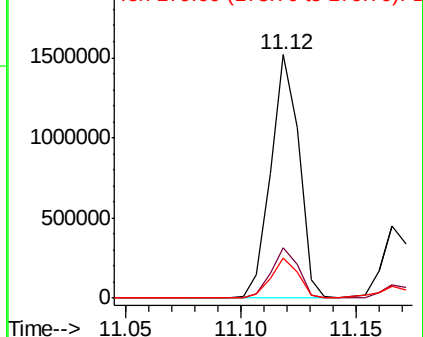
179 16.3 13.2 19.8

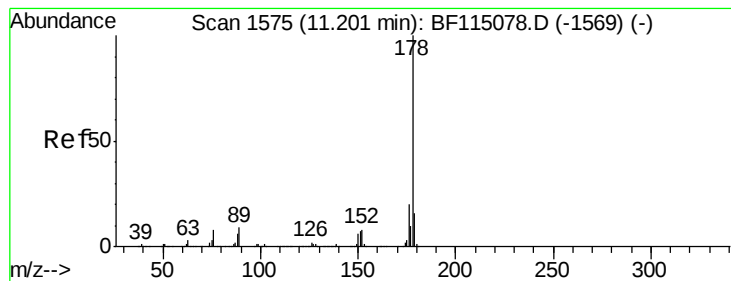


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 7.937 ng

RT: 11.17 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF115284.D

Acq: 28 Jun 2019 16:36

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-CDL

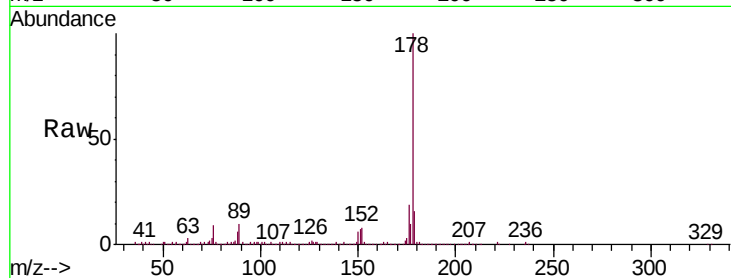
Tgt Ion:178 Resp: 373009

Ion Ratio Lower Upper

178 100

176 18.7 16.1 24.1

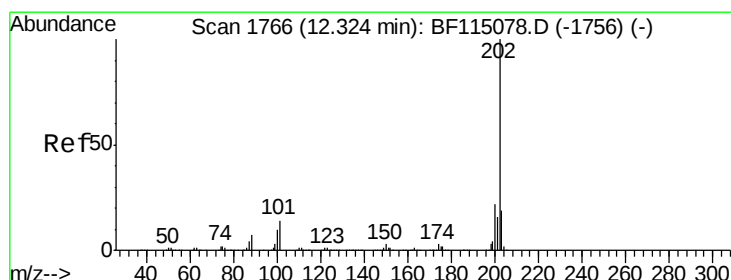
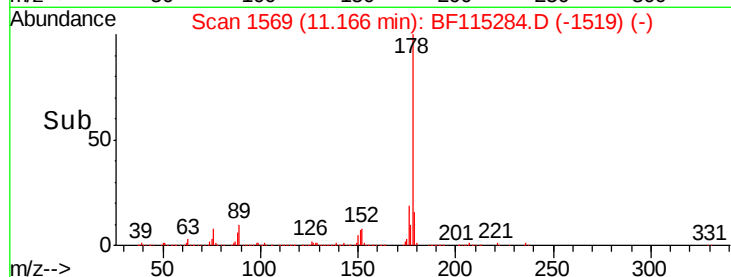
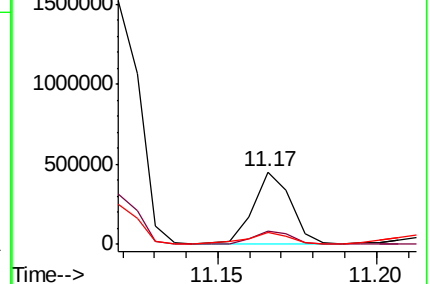
179 16.1 12.9 19.3



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



#75

Fluoranthene

Concen: 30.423 ng

RT: 12.30 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF115284.D

Acq: 28 Jun 2019 16:36

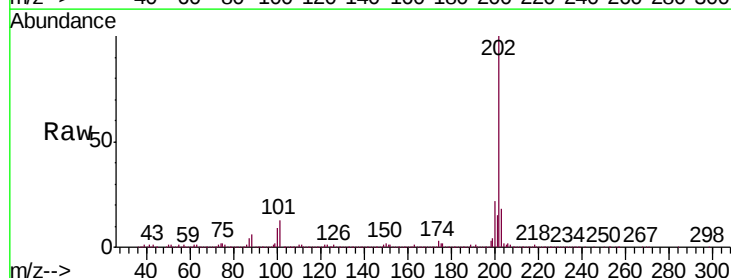
Tgt Ion:202 Resp: 1413263

Ion Ratio Lower Upper

202 100

101 12.8 0.0 34.0

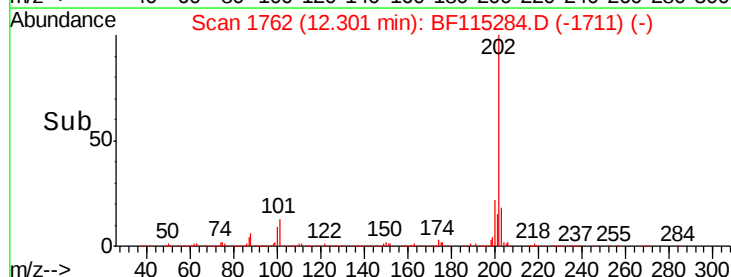
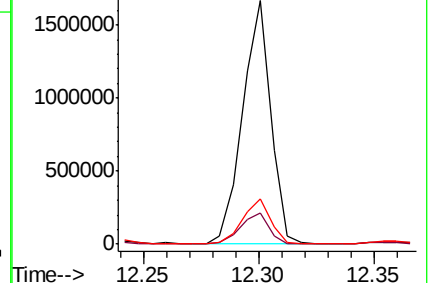
203 18.5 0.0 38.8

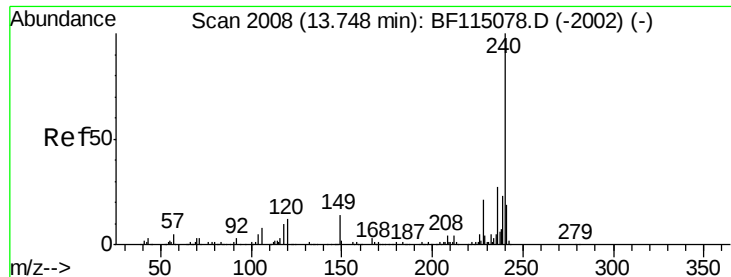


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

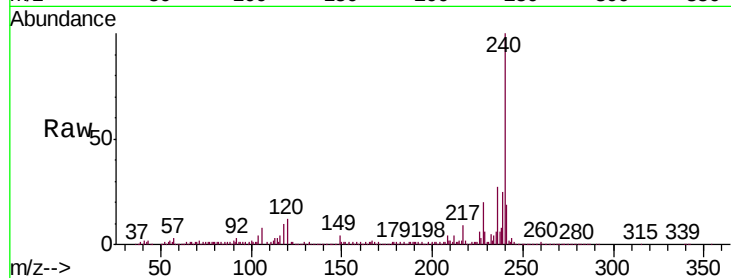




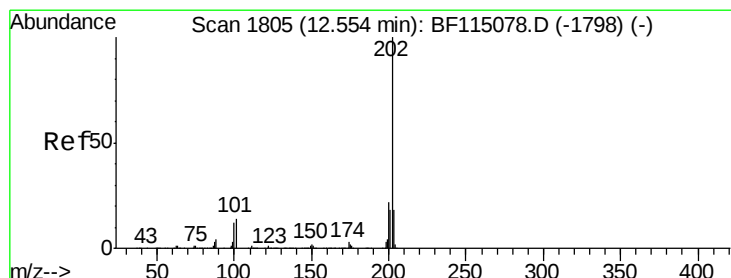
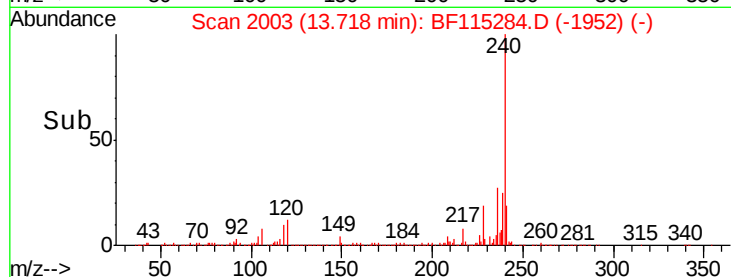
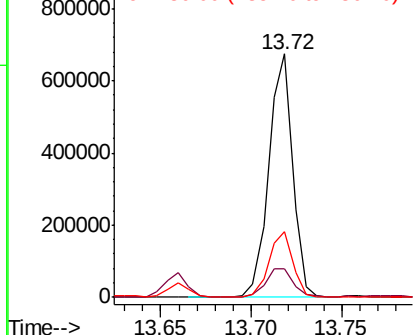
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.72 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BF115284.D
Acq: 28 Jun 2019 16:36

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

Tgt Ion:240 Resp: 612399
Ion Ratio Lower Upper
240 100
120 11.9 9.4 14.2
236 27.2 21.7 32.5

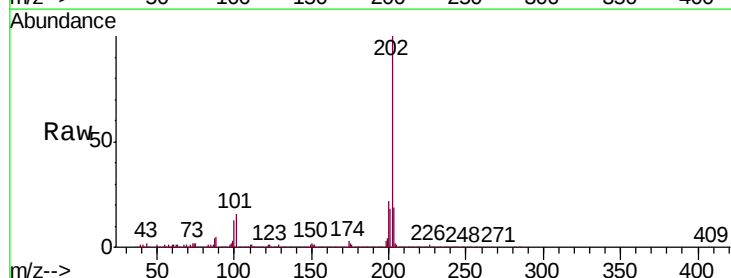


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

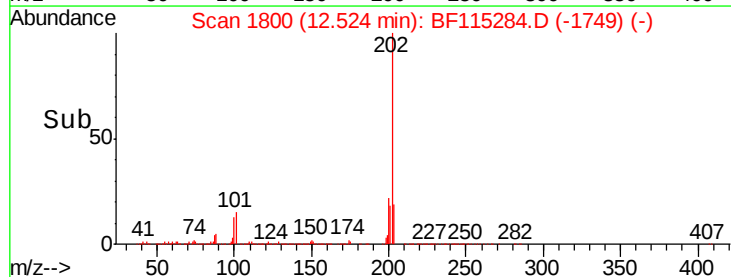
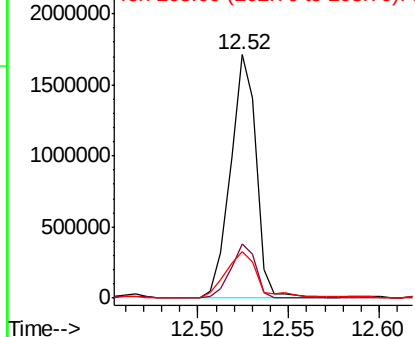


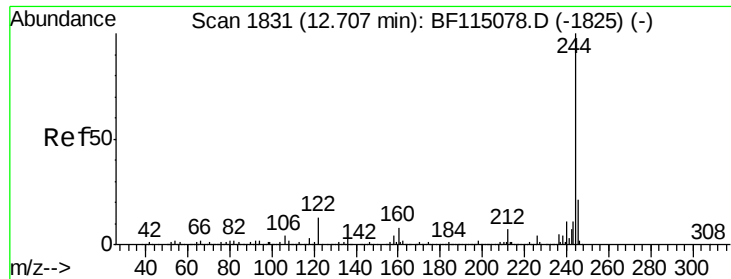
#78
Pyrene
Concen: 35.470 ng
RT: 12.52 min Scan# 1800
Delta R.T. 0.00 min
Lab File: BF115284.D
Acq: 28 Jun 2019 16:36

Tgt Ion:202 Resp: 1669347
Ion Ratio Lower Upper
202 100
200 22.4 17.9 26.9
203 19.0 14.6 21.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 33.311 ng

RT: 12.68 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF115284.D

Acq: 28 Jun 2019 16:36

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-CDL

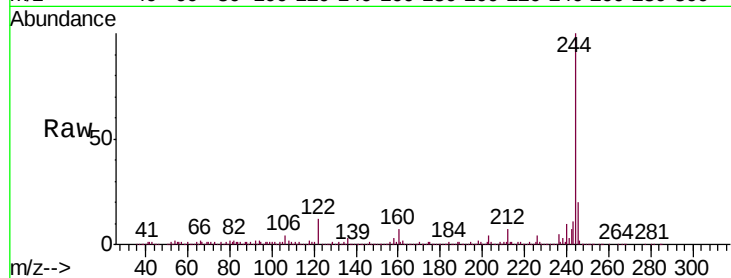
Tgt Ion:244 Resp: 959466

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.6

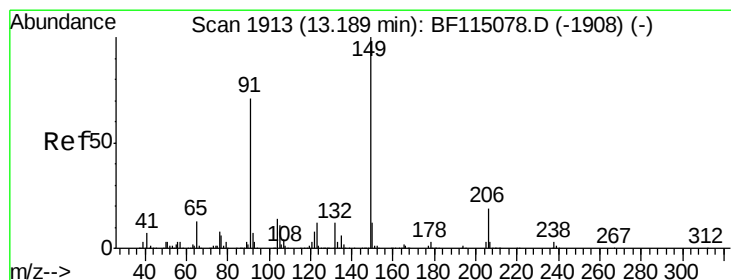
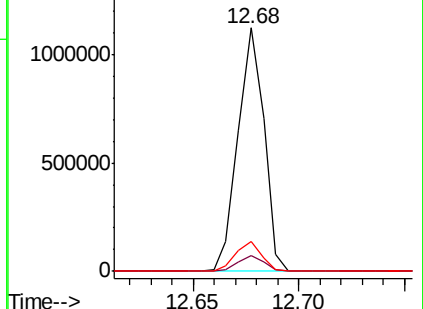
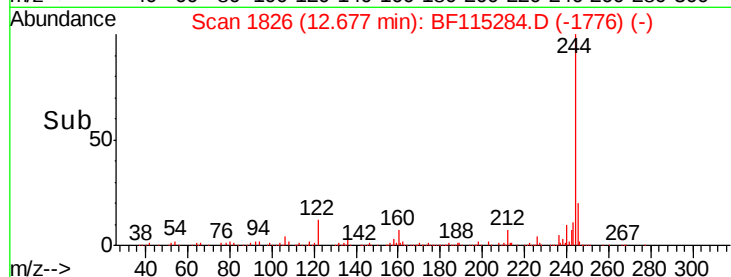
122 12.5 10.4 15.6



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: 61.363 ng

RT: 13.17 min Scan# 1909

Delta R.T. 0.01 min

Lab File: BF115284.D

Acq: 28 Jun 2019 16:36

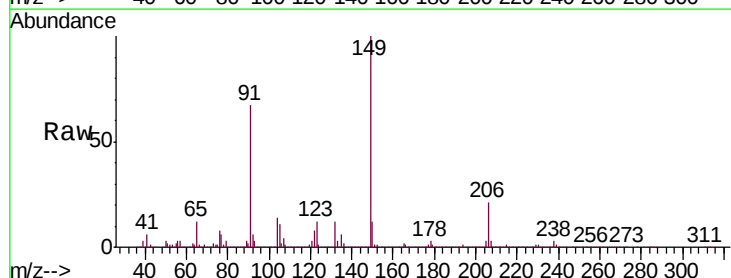
Tgt Ion:149 Resp: 1274486

Ion Ratio Lower Upper

149 100

91 67.1 56.5 84.7

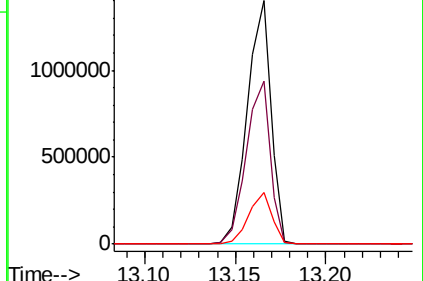
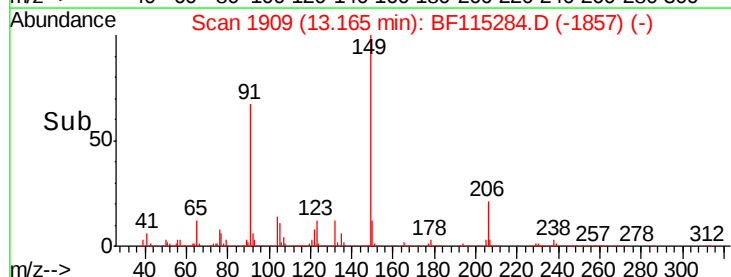
206 21.2 15.3 22.9

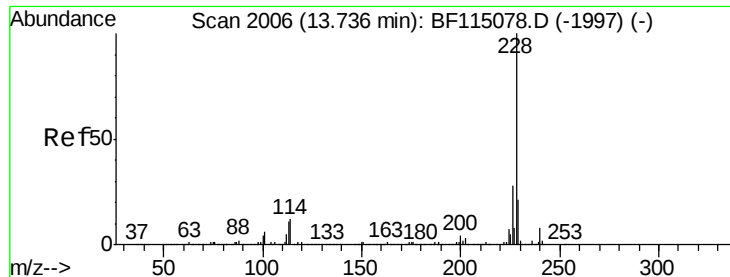


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

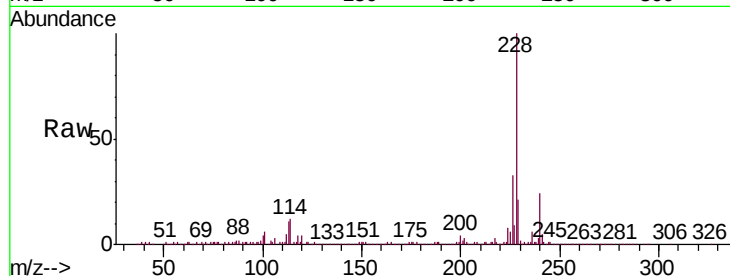




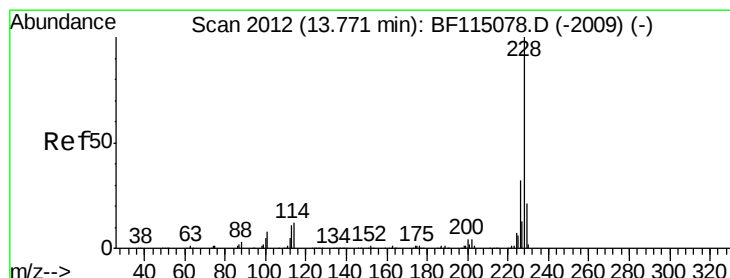
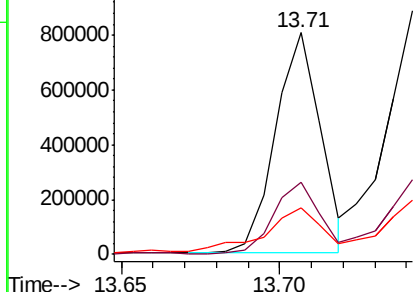
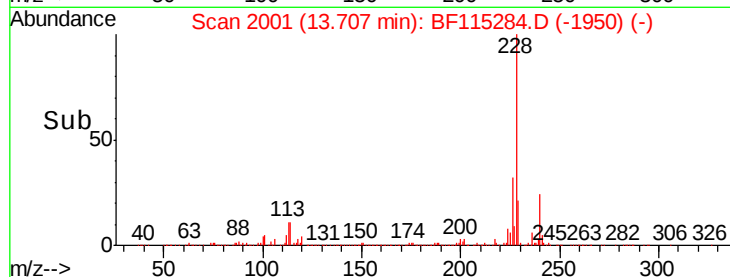
#81
Benzo(a)anthracene
Concen: 18.102 ng
RT: 13.71 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BF115284.D
Acq: 28 Jun 2019 16:36

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

Tgt Ion:228 Resp: 795440
Ion Ratio Lower Upper
228 100
226 32.8 22.5 33.7
229 21.2 16.6 24.8

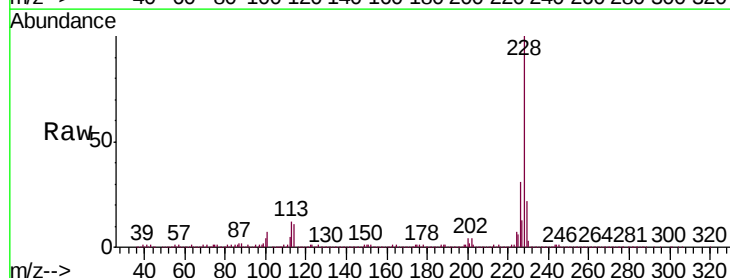


Abundance Ion 228.00 (227.70 to 228.70): E
1200000 Ion 226.00 (225.70 to 226.70): E
1000000 Ion 229.00 (228.70 to 229.70): E

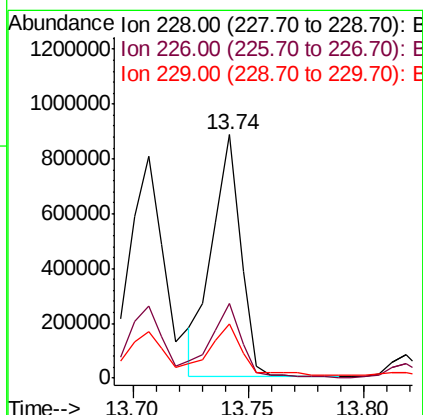
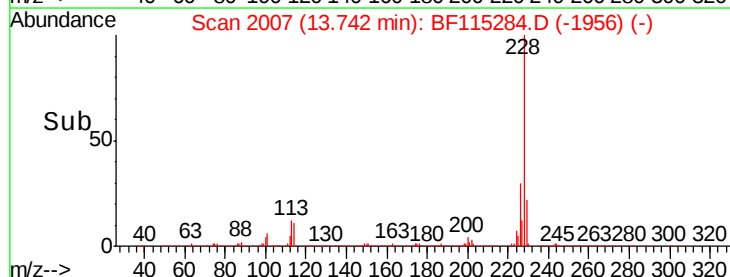


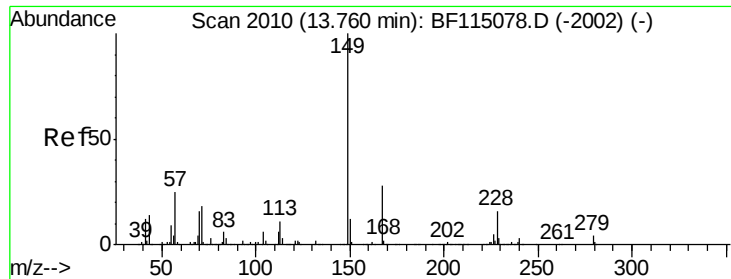
#83
Chrysene
Concen: 18.935 ng
RT: 13.74 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BF115284.D
Acq: 28 Jun 2019 16:36

Tgt Ion:228 Resp: 762145
Ion Ratio Lower Upper
228 100
226 30.7 25.4 38.0
229 22.2 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E
1200000 Ion 226.00 (225.70 to 226.70): E
1000000 Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.042 ng

RT: 13.73 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF115284.D

Acq: 28 Jun 2019 16:36

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-CDL

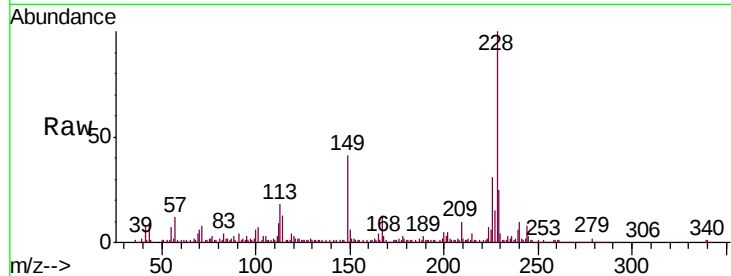
Tgt Ion:149 Resp: 110004

Ion Ratio Lower Upper

149 100

167 32.1 22.2 33.4

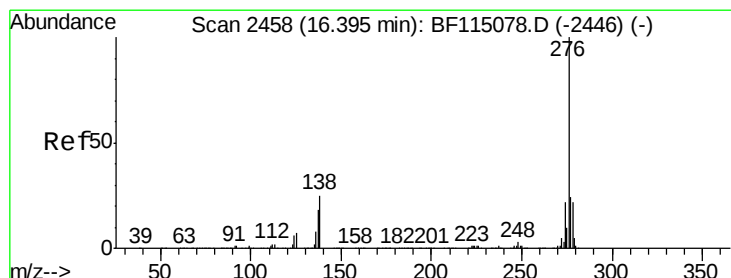
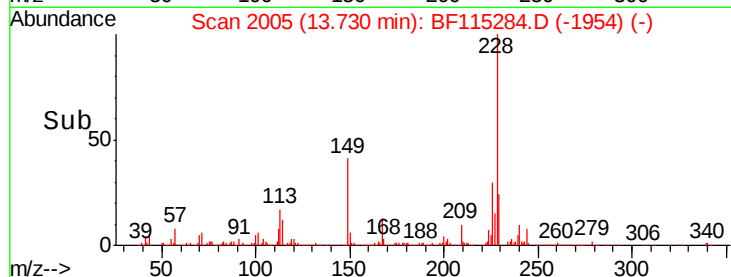
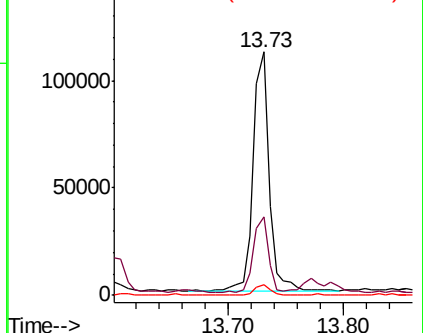
279 4.4 2.9 4.3#



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 7.266 ng

RT: 16.34 min Scan# 2448

Delta R.T. -0.02 min

Lab File: BF115284.D

Acq: 28 Jun 2019 16:36

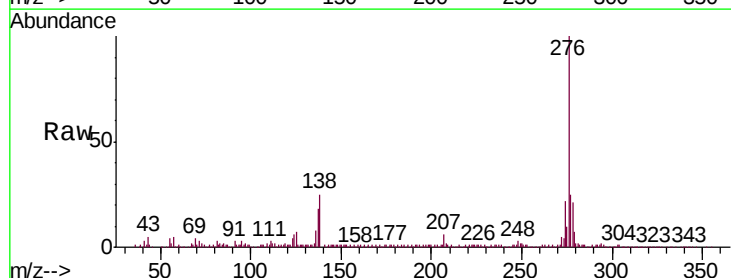
Tgt Ion:276 Resp: 346091

Ion Ratio Lower Upper

276 100

138 25.4 23.2 34.8

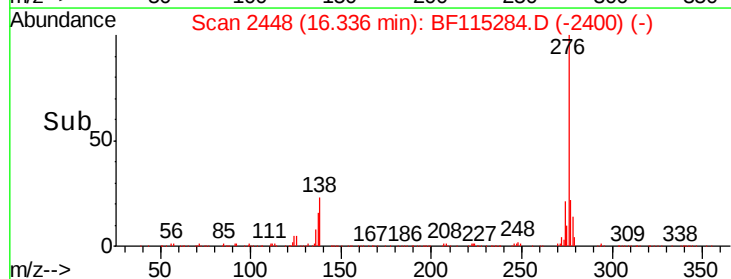
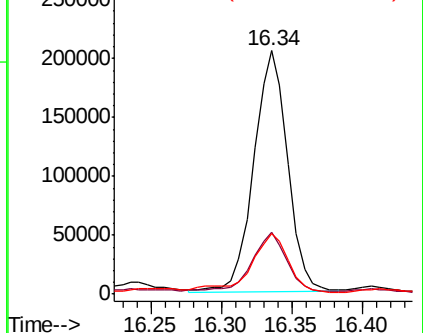
277 26.5 20.1 30.1

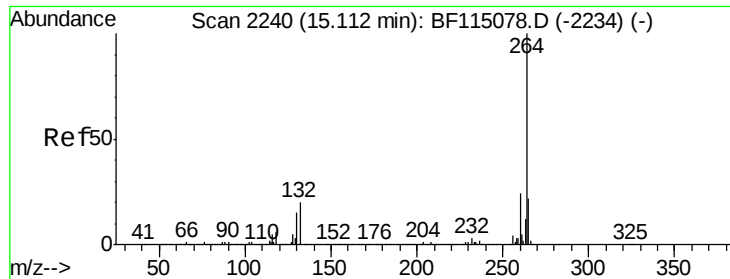


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.08 min Scan# 2234

Delta R.T. -0.01 min

Lab File: BF115284.D

Acq: 28 Jun 2019 16:36

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-CDL

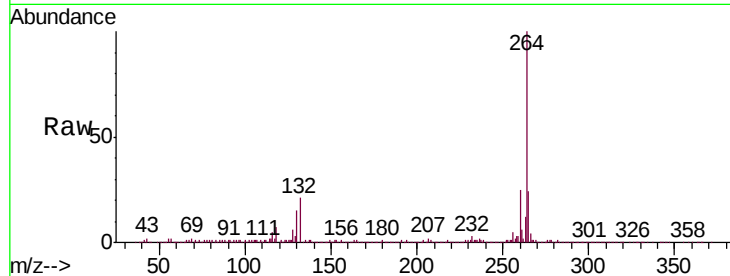
Tgt Ion:264 Resp: 682228

Ion Ratio Lower Upper

264 100

260 24.6 19.6 29.4

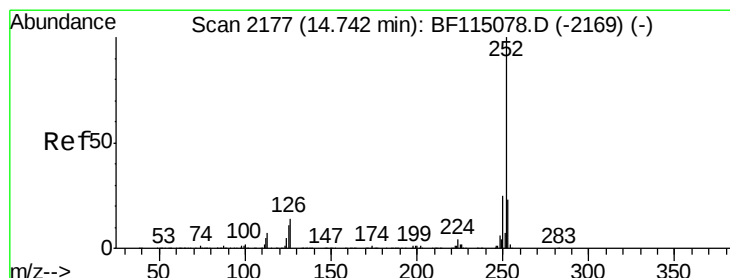
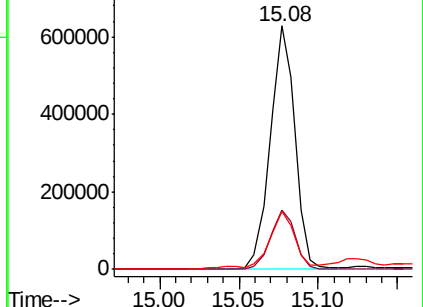
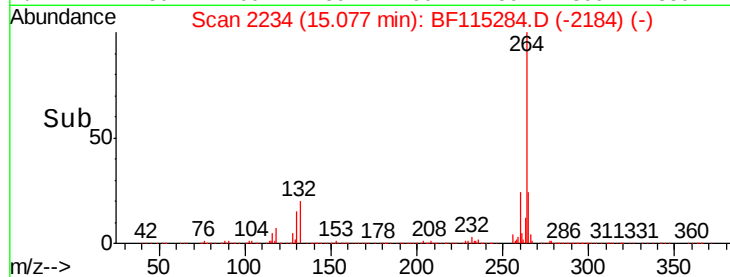
265 23.8 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 27.083 ng

RT: 14.71 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BF115284.D

Acq: 28 Jun 2019 16:36

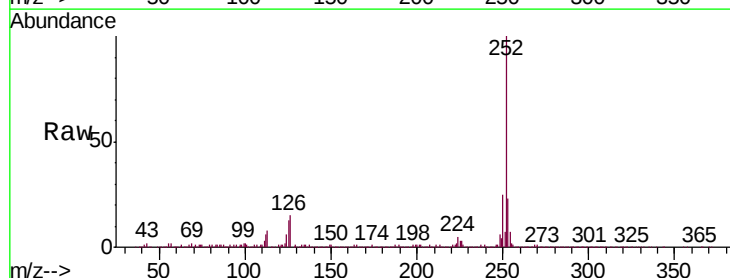
Tgt Ion:252 Resp: 1152888

Ion Ratio Lower Upper

252 100

253 23.0 18.1 27.1

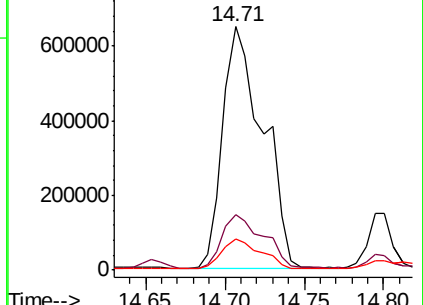
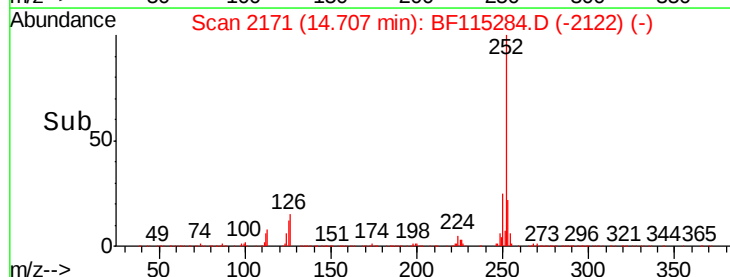
125 12.6 8.7 13.1

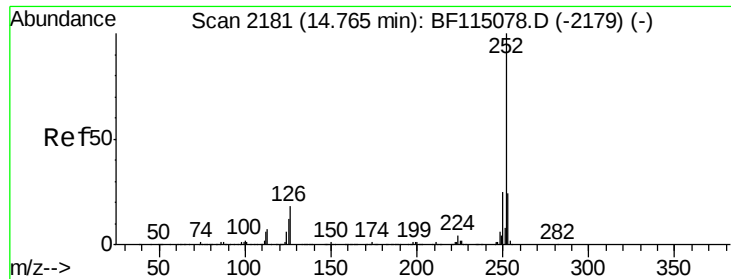


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 30.200 ng

RT: 14.71 min Scan# 2171

Delta R.T. -0.04 min

Lab File: BF115284.D

Acq: 28 Jun 2019 16:36

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-CDL

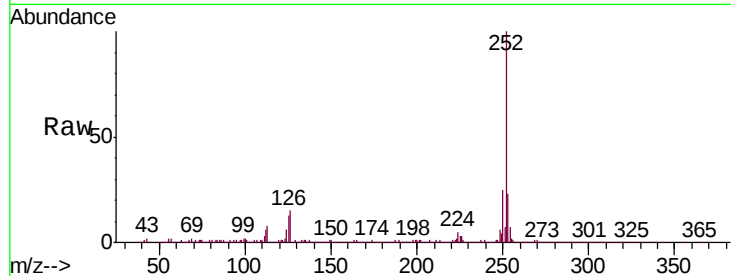
Tgt Ion:252 Resp: 1152888

Ion Ratio Lower Upper

252 100

253 23.0 18.9 28.3

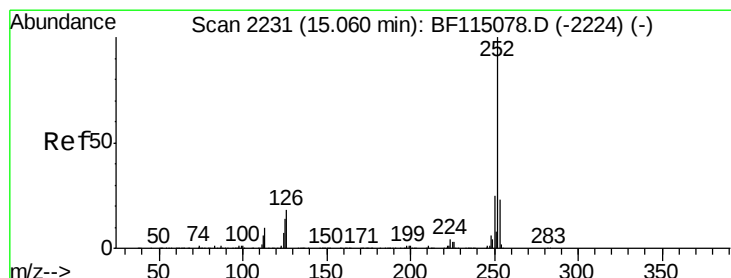
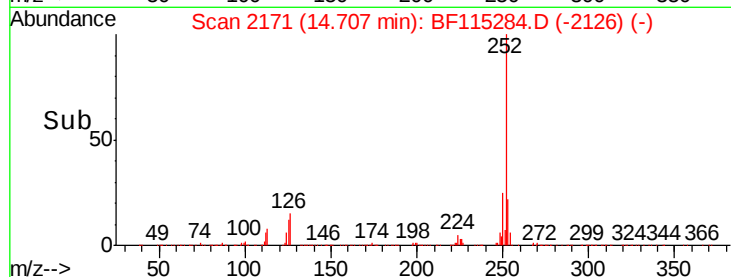
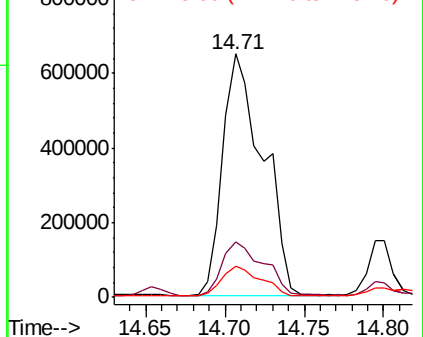
125 12.6 10.2 15.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 17.436 ng

RT: 15.02 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BF115284.D

Acq: 28 Jun 2019 16:36

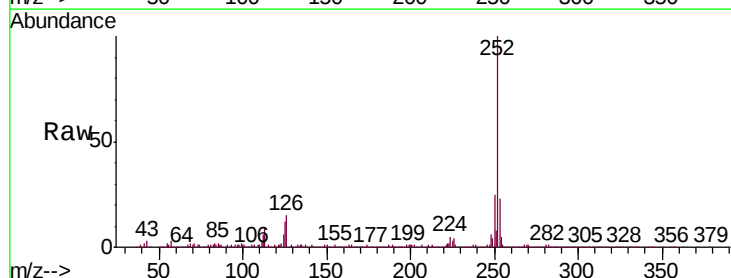
Tgt Ion:252 Resp: 668987

Ion Ratio Lower Upper

252 100

253 23.3 18.3 27.5

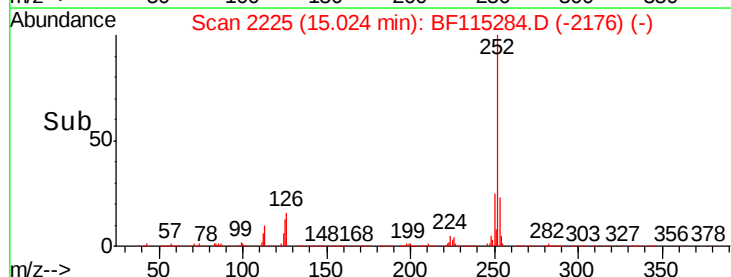
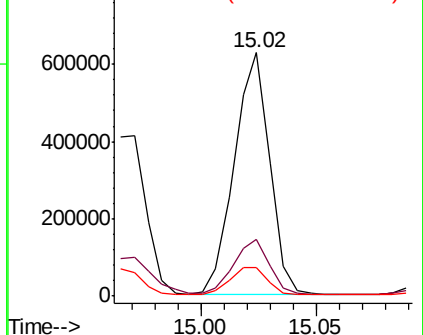
125 11.9 10.9 16.3

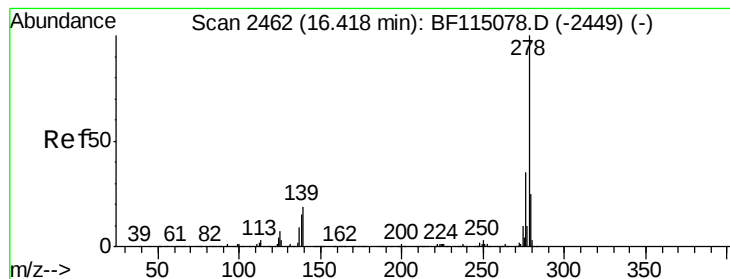


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

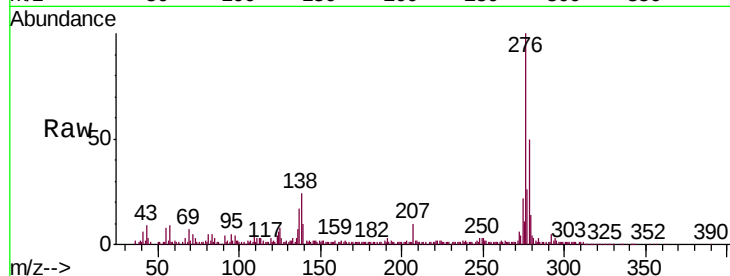




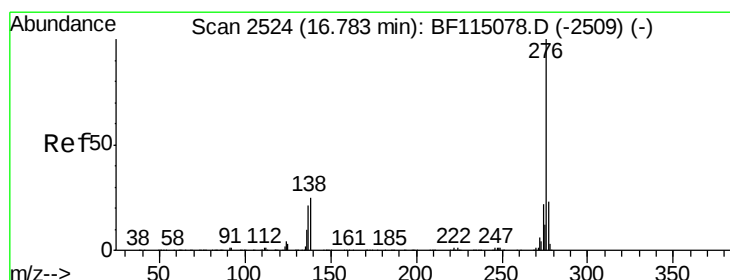
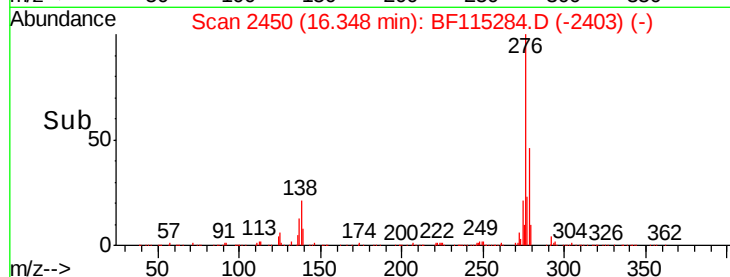
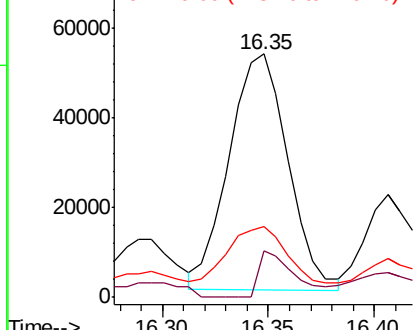
#91
Dibenzo(a,h)anthracene
Concen: 2.844 ng
RT: 16.35 min Scan# 2450
Delta R.T. -0.02 min
Lab File: BF115284.D
Acq: 28 Jun 2019 16:36

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

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.3	15.4	23.2
279	29.0	19.9	29.9

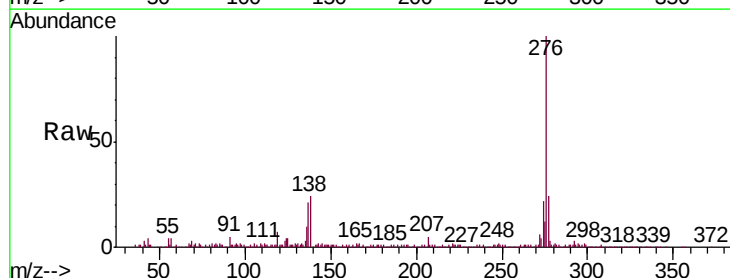


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 9.017 ng
RT: 16.71 min Scan# 2512
Delta R.T. -0.02 min
Lab File: BF115284.D
Acq: 28 Jun 2019 16:36

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.6	28.0
138	24.1	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

