

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
 Data File : BF115170.D
 Acq On : 25 Jun 2019 1:41
 Operator : HP/JU
 Sample : K3500-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-6(7.5-8)

Quant Time: Jun 25 08:28:41 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

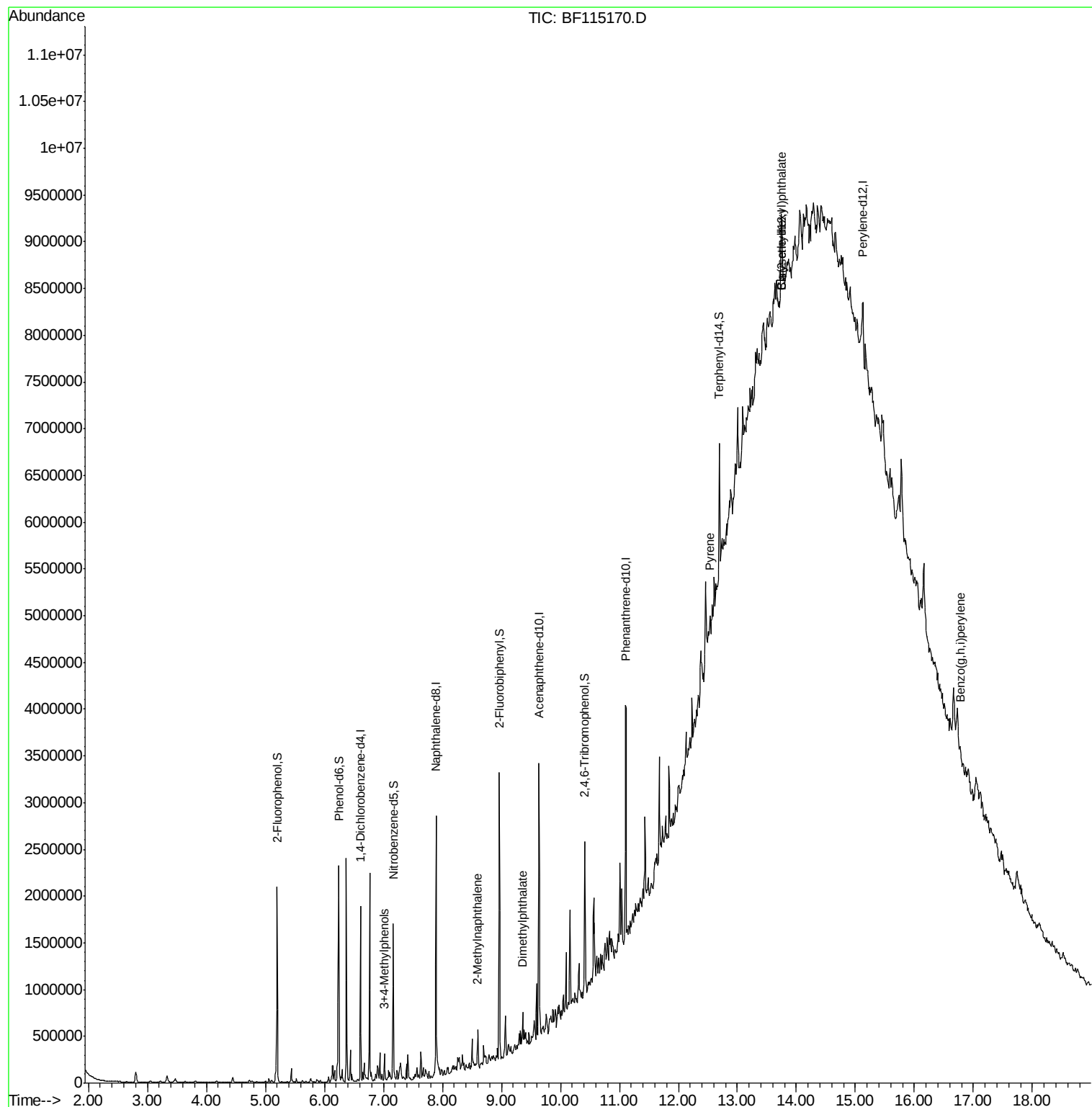
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	282200	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	1071705	20.00	ng	-0.01
39) Acenaphthene-d10	9.64	164	533776	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	1003475	20.00	ng	0.00
76) Chrysene-d12	13.74	240	415680	20.00	ng	0.00
87) Perylene-d12	15.13	264	486088	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	608476	33.27	ng	0.00
7) Phenol-d6	6.24	99	778006	35.05	ng	-0.01
23) Nitrobenzene-d5	7.17	82	438549	25.17	ng	-0.02
42) 2,4,6-Tribromophenol	10.42	330	218461	38.81	ng	-0.01
45) 2-Fluorobiphenyl	8.97	172	866495	27.57	ng	-0.02
79) Terphenyl-d14	12.70	244	707657	36.20	ng	-0.01
Target Compounds						
20) 3+4-Methylphenols	7.02	107	56036	2.859	ng	# 63
37) 2-Methylnaphthalene	8.60	142	71954	2.029	ng	# 99
50) Dimethylphthalate	9.36	163	110657	2.818	ng	# 98
78) Pyrene	12.54	202	76263	2.387	ng	# 85
84) Bis(2-ethylhexyl)phthalate	13.76	149	199952	10.824	ng	# 96
92) Benzo(g,h,i)perylene	16.78	276	57473	2.225	ng	# 57

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

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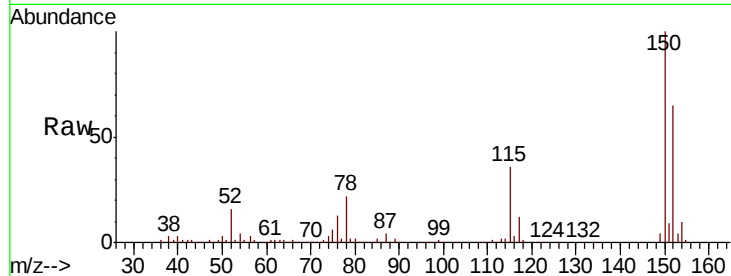


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.61 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF115170.D
 Acq: 25 Jun 2019 1:41

Instrument :
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 B-6(7.5-8)

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.2	186.2
115	55.9	46.1	69.1

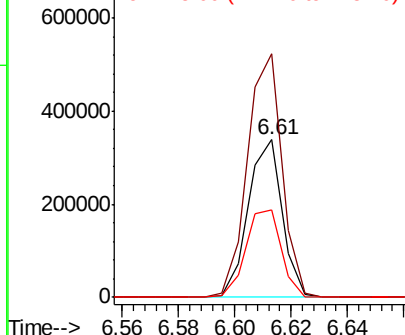
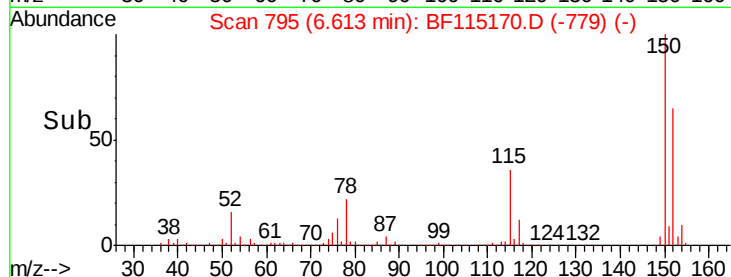


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

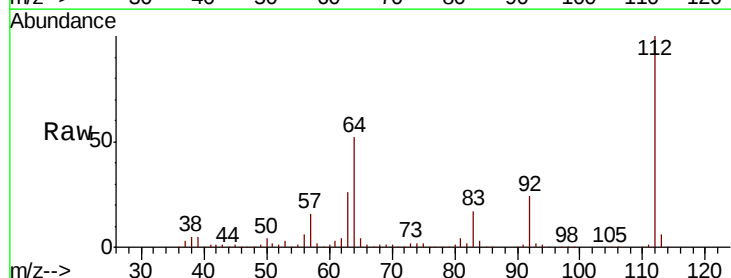
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 33.274 ng
 RT: 5.20 min Scan# 555
 Delta R.T. -0.01 min
 Lab File: BF115170.D
 Acq: 25 Jun 2019 1:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.9	43.8	65.6
63	26.4	22.2	33.4

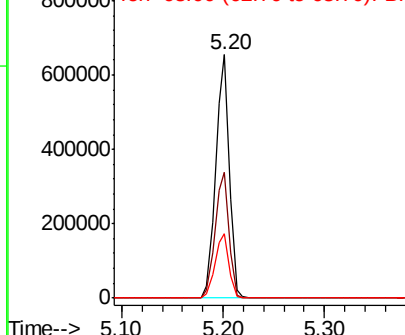
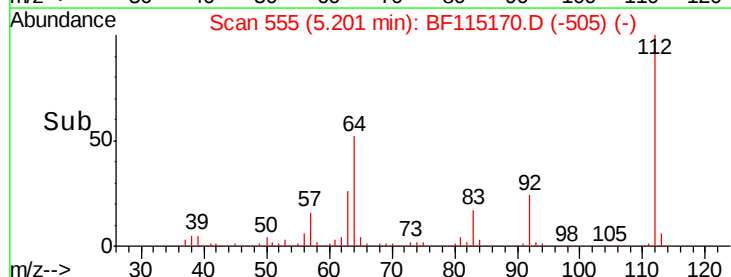


Abundance

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





#7

Phenol-d6

Concen: 35.052 ng

RT: 6.24 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF115170.D

Acq: 25 Jun 2019 1:41

Instrument :

BNA_F

ClientSampleId :

B-6(7.5-8)

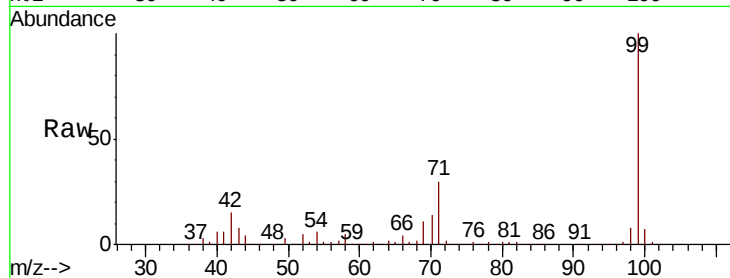
Tot Ion: 99 Resp: 778006

Ion Ratio Lower Upper

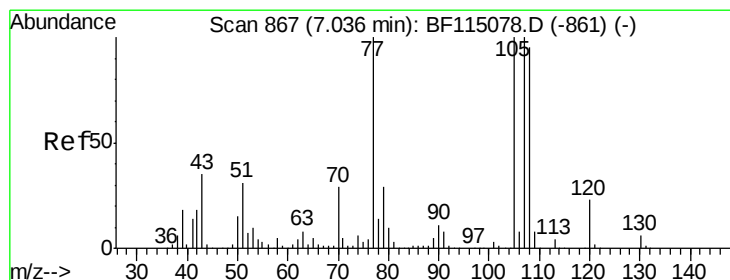
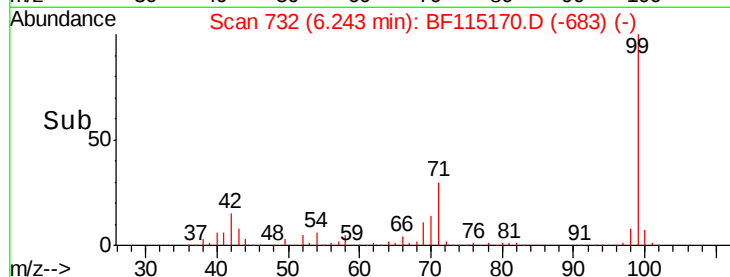
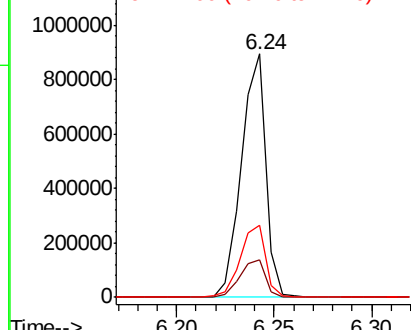
99 100

42 15.2 13.6 20.4

71 29.9 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



#20

3+4-Methylphenols

Concen: 2.859 ng

RT: 7.02 min Scan# 864

Delta R.T. -0.02 min

Lab File: BF115170.D

Acq: 25 Jun 2019 1:41

Tgt Ion: 107 Resp: 56036

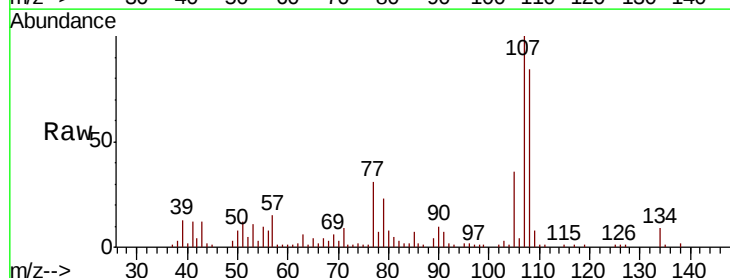
Ion Ratio Lower Upper

107 100

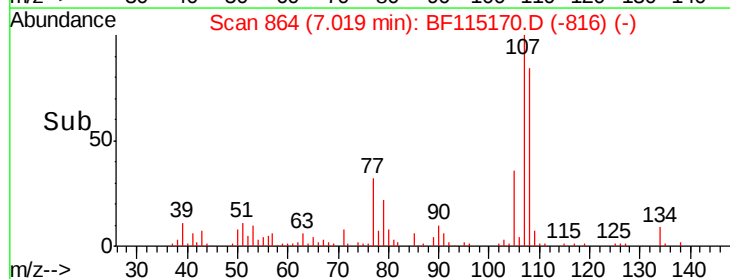
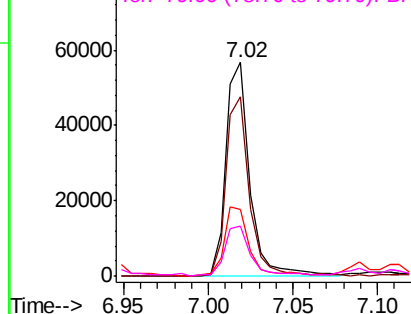
108 83.8 75.5 115.5

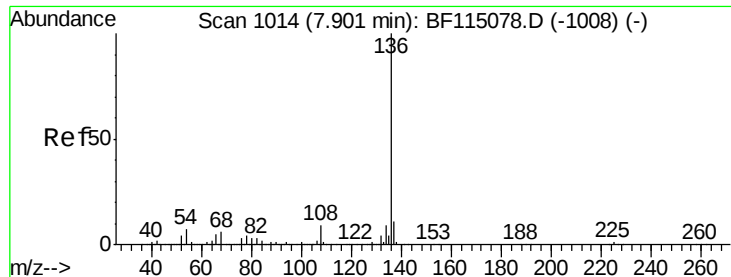
77 31.3 80.2 120.2#

79 23.2 9.5 49.5



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

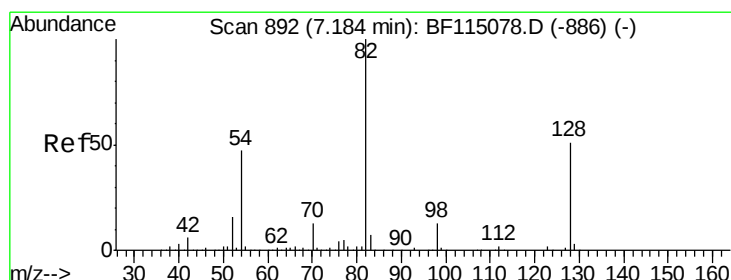
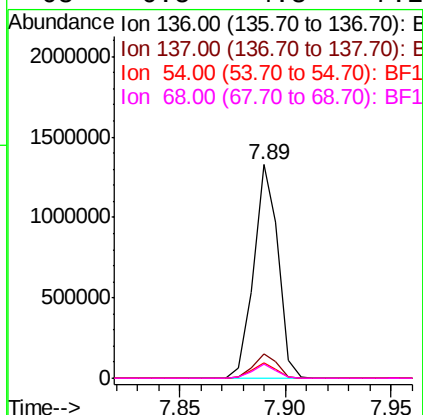
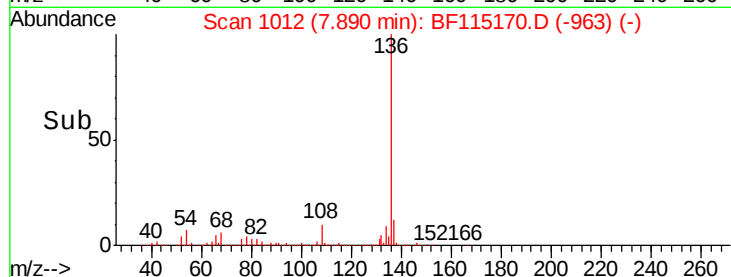
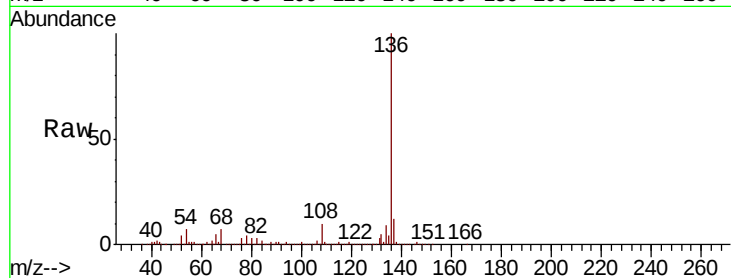




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF115170.D
Acq: 25 Jun 2019 1:41

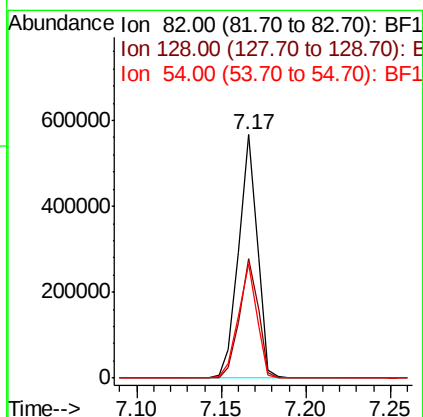
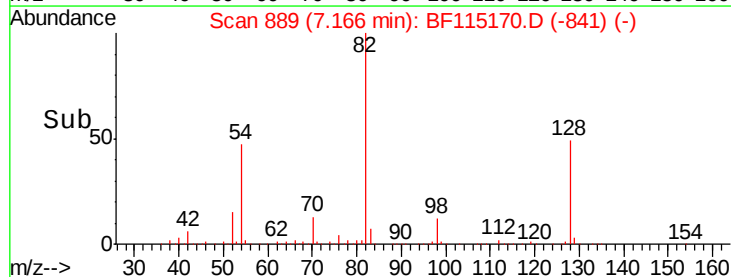
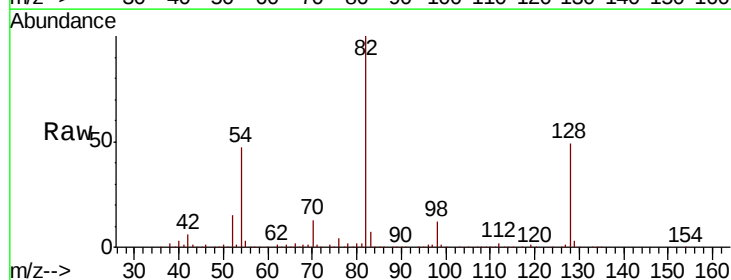
Instrument :
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ClientSampleId :
B-6(7.5-8)

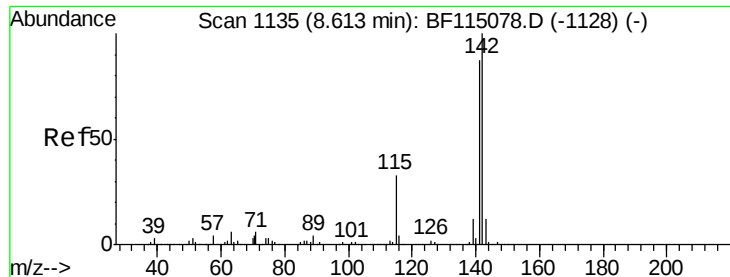
Tot Ion:136	Resp: 1071705
Ion Ratio	Lower Upper
136 100	
137 11.6	8.9 13.3
54 7.4	5.6 8.4
68 6.5	4.8 7.2



#23
Nitrobenzene-d5
Concen: 25.173 ng
RT: 7.17 min Scan# 889
Delta R.T. -0.02 min
Lab File: BF115170.D
Acq: 25 Jun 2019 1:41

Tgt Ion: 82	Resp: 438549
Ion Ratio	Lower Upper
82 100	
128 49.1	40.4 60.6
54 47.0	37.5 56.3

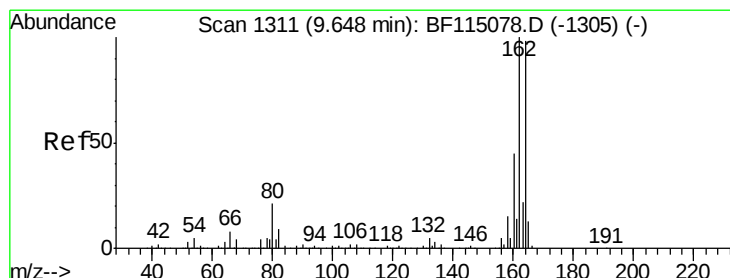
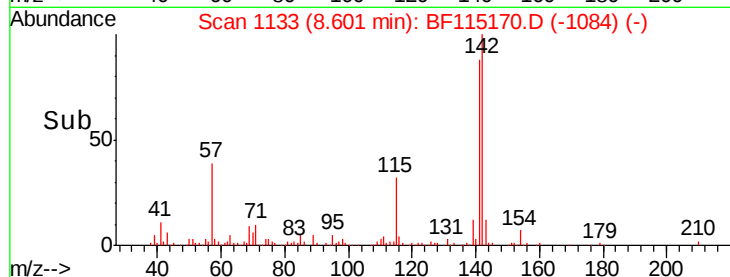
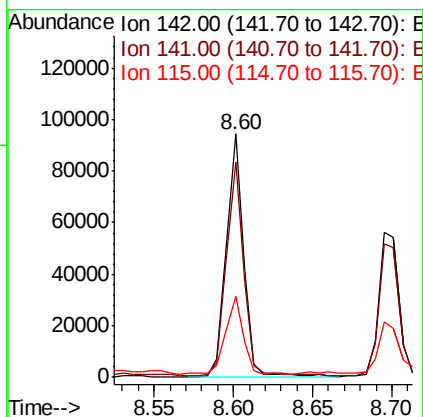
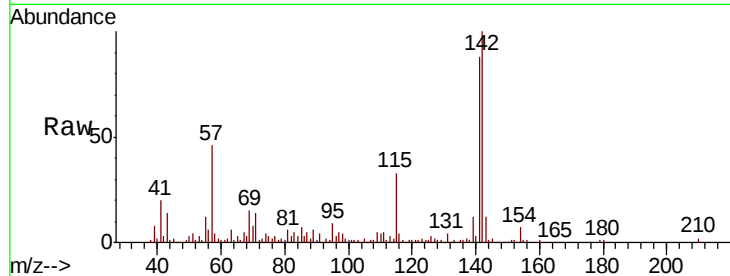




#37
 2-Methylnaphthalene
 Concen: 2.029 ng
 RT: 8.60 min Scan# 1133
 Delta R.T. -0.01 min
 Lab File: BF115170.D
 Acq: 25 Jun 2019 1:41

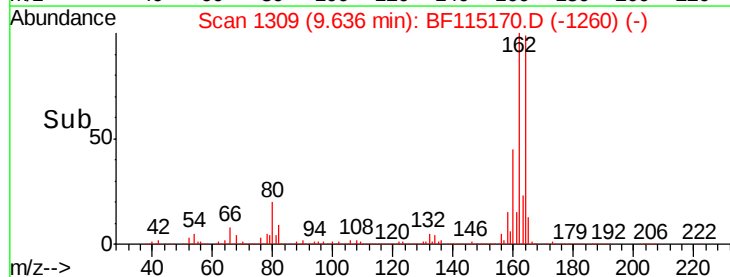
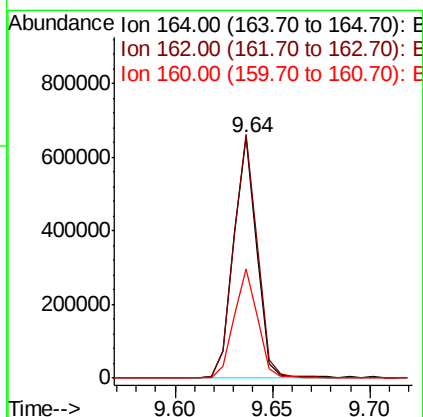
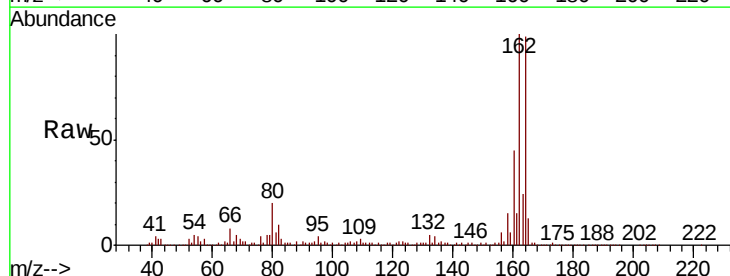
Instrument :
 BNA_F
 ClientSampleId :
 B-6(7.5-8)

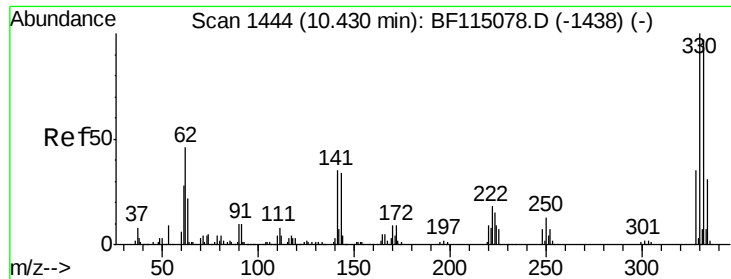
Tot Ion:142 Resp: 71954
 Ion Ratio Lower Upper
 142 100
 141 88.5 69.8 104.6
 115 33.4 26.7 40.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.64 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF115170.D
 Acq: 25 Jun 2019 1:41

Tgt Ion:164 Resp: 533776
 Ion Ratio Lower Upper
 164 100
 162 101.1 81.7 122.5
 160 45.4 37.0 55.4

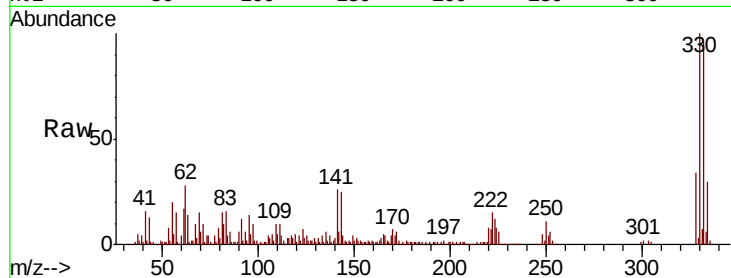




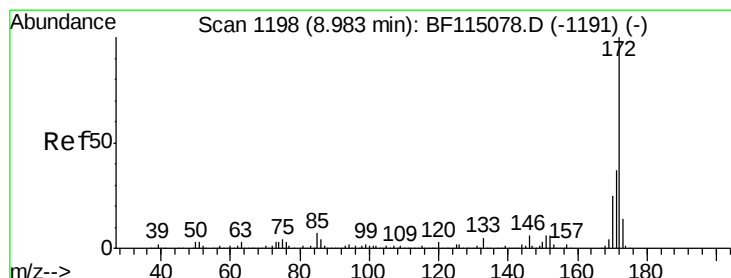
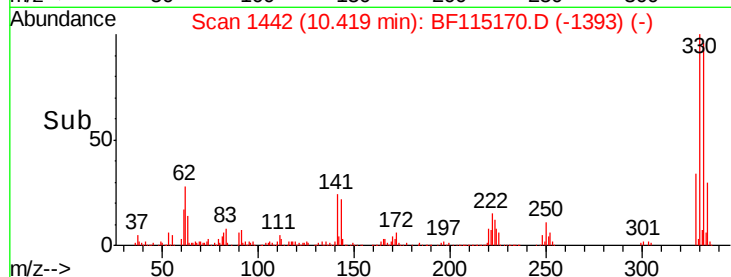
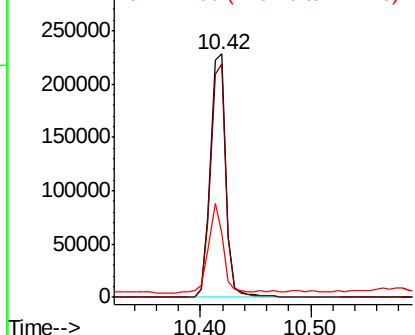
#42
 2,4,6-Tribromophenol
 Concen: 38.811 ng
 RT: 10.42 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF115170.D
 Acq: 25 Jun 2019 1:41

Instrument :
 BNA_F
 ClientSampleId :
 B-6(7.5-8)

Tot Ion:330 Resp: 218461
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.3 115.9
 141 34.1 28.2 42.2

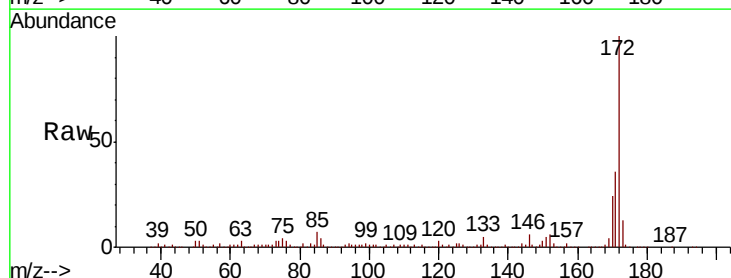


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

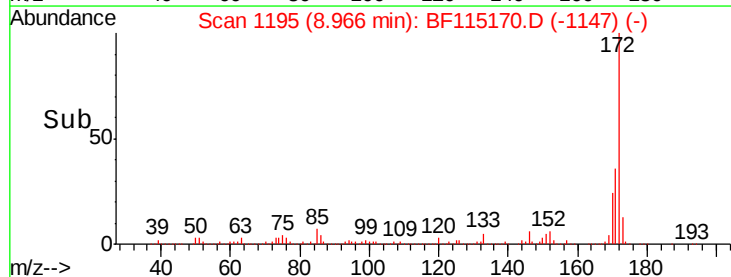
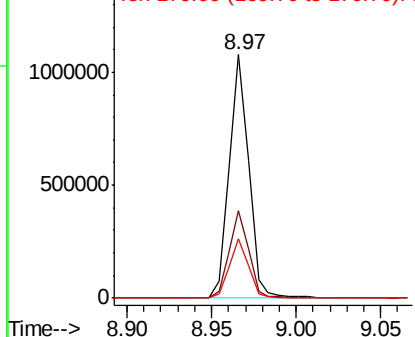


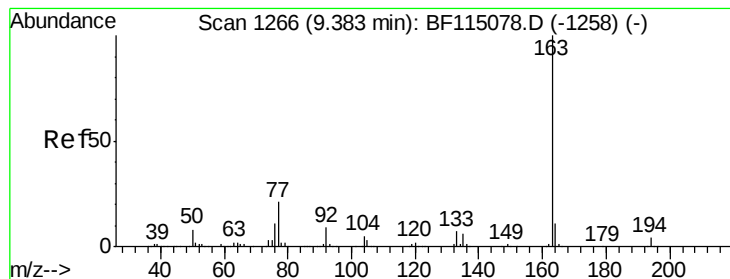
#45
 2-Fluorobiphenyl
 Concen: 27.574 ng
 RT: 8.97 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BF115170.D
 Acq: 25 Jun 2019 1:41

Tgt Ion:172 Resp: 866495
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.8 44.6
 170 24.3 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





#50

Dimethylphthalate

Concen: 2.818 ng

RT: 9.36 min Scan# 1262

Delta R.T. -0.02 min

Lab File: BF115170.D

Acq: 25 Jun 2019 1:41

Instrument :

BNA_F

ClientSampleId :

B-6(7.5-8)

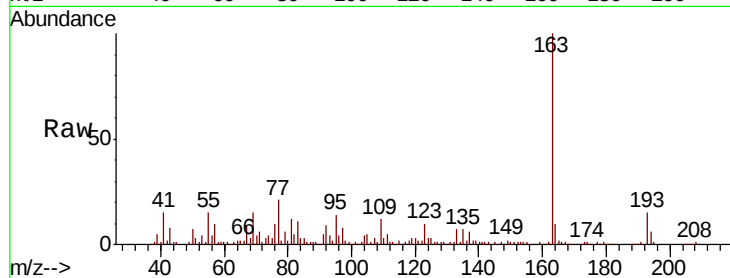
Tot Ion:163 Resp: 110657

Ion Ratio Lower Upper

163 100

194 5.8 3.2 4.8#

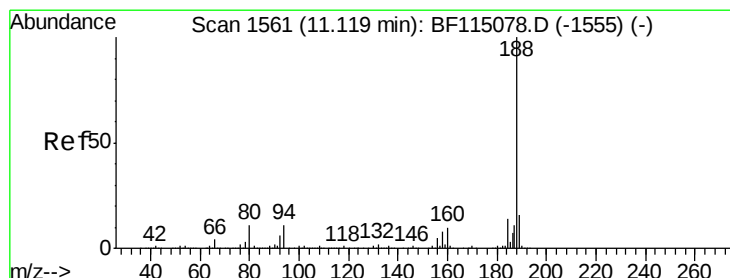
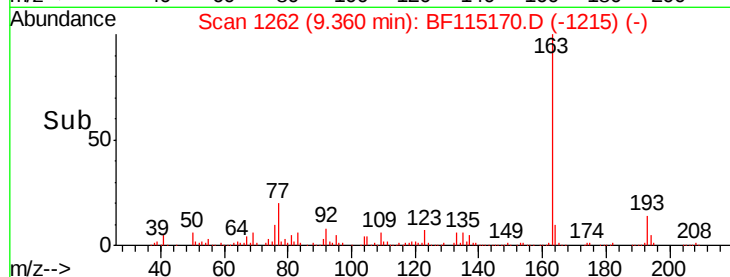
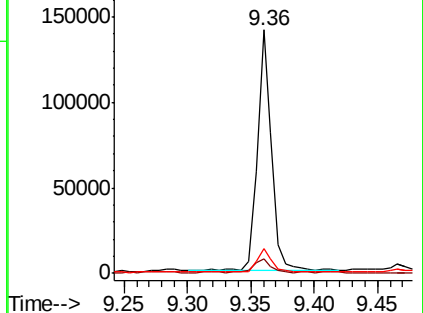
164 10.3 8.6 13.0



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.11 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BF115170.D

Acq: 25 Jun 2019 1:41

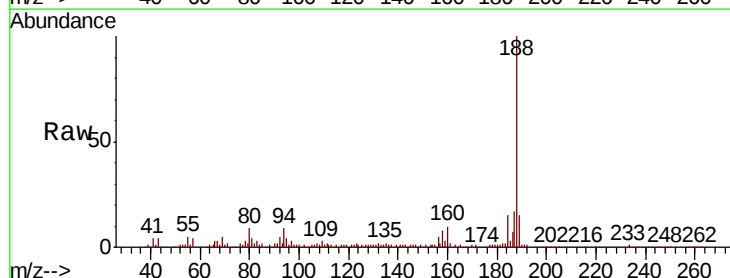
Tgt Ion:188 Resp: 1003475

Ion Ratio Lower Upper

188 100

94 9.3 8.6 12.8

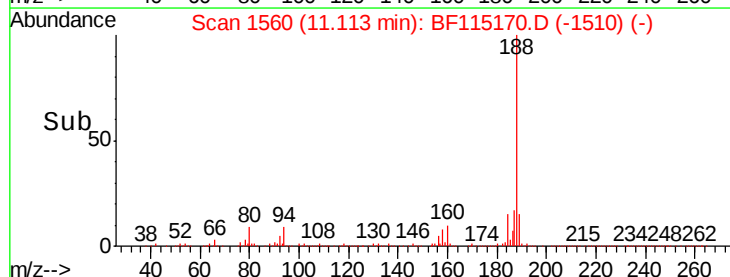
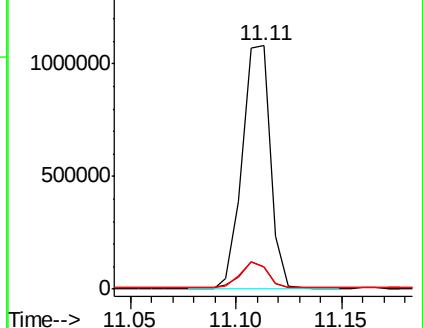
80 9.2 8.8 13.2

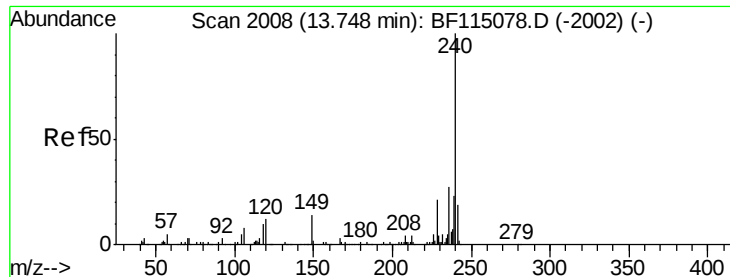


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.74 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF115170.D

Acq: 25 Jun 2019 1:41

Instrument :

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B-6(7.5-8)

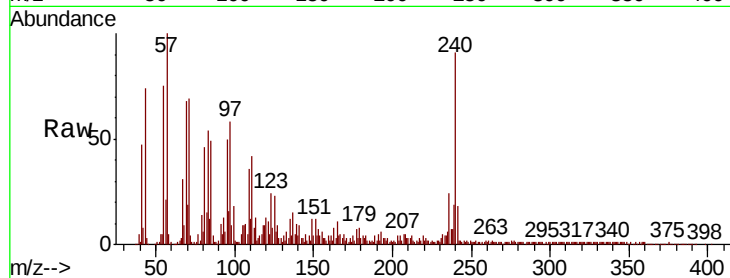
Tot Ion:240 Resp: 415680

Ion Ratio Lower Upper

240 100

120 13.9 9.4 14.2

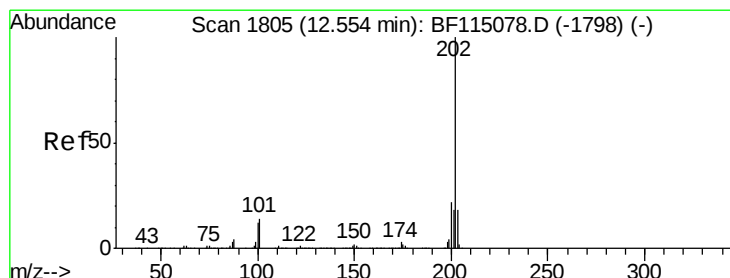
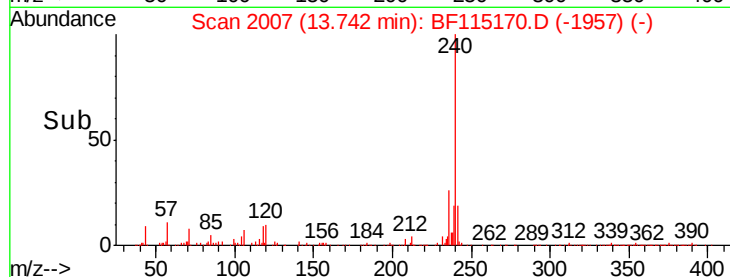
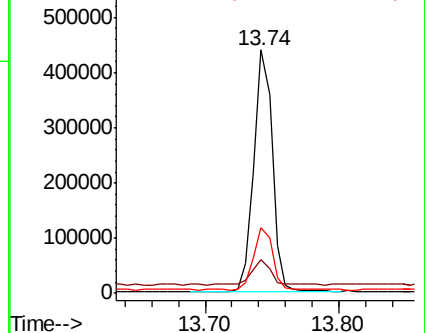
236 26.8 21.7 32.5



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: 2.387 ng

RT: 12.54 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF115170.D

Acq: 25 Jun 2019 1:41

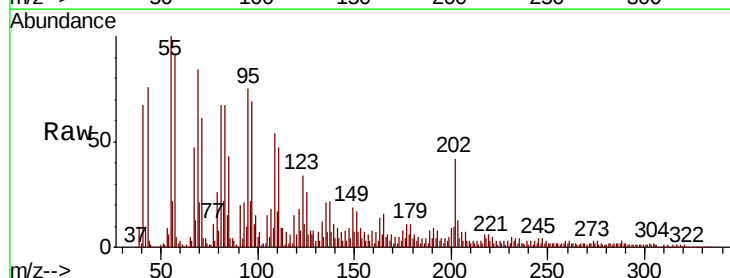
Tgt Ion:202 Resp: 76263

Ion Ratio Lower Upper

202 100

200 22.0 17.9 26.9

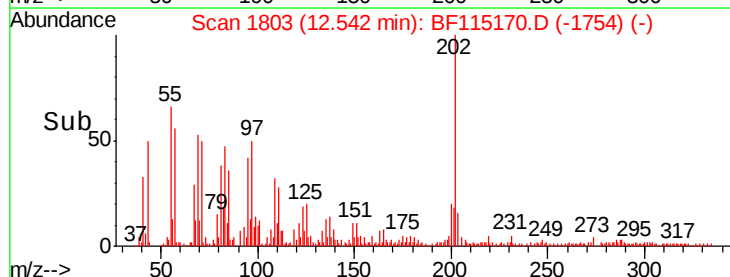
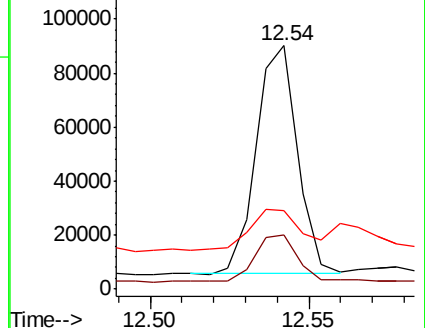
203 32.3 14.6 21.8#

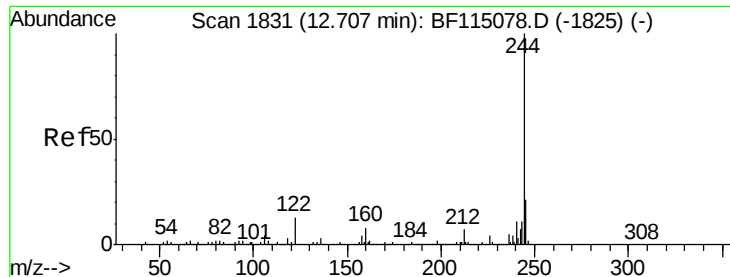


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 36.196 ng

RT: 12.70 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115170.D

Acq: 25 Jun 2019 1:41

Instrument :

BNA_F

ClientSampleId :

B-6(7.5-8)

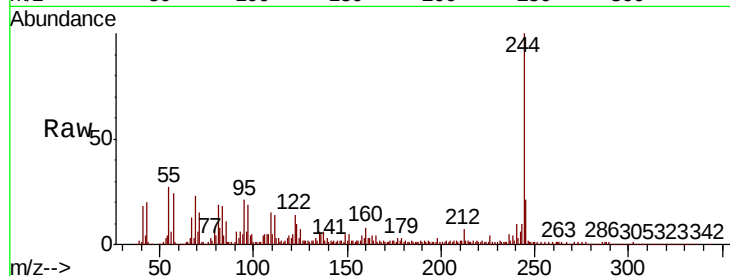
Tot Ion:244 Resp: 707657

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

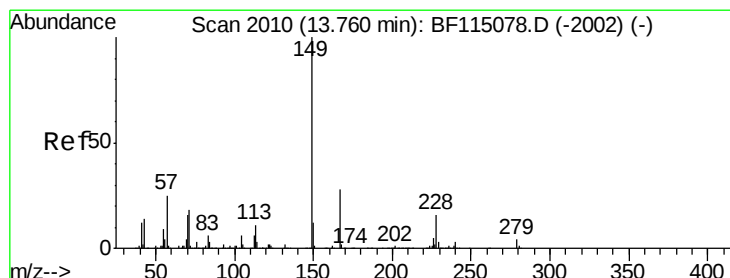
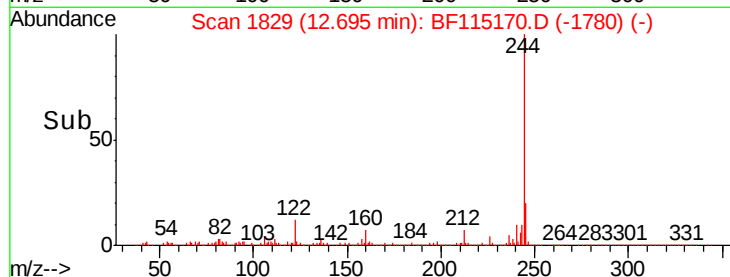
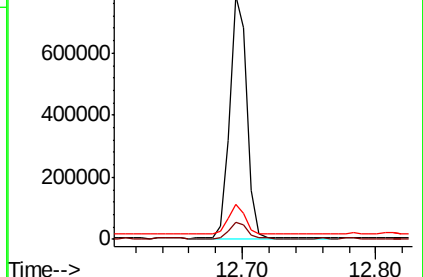
122 14.3 10.4 15.6



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 10.824 ng

RT: 13.76 min Scan# 2010

Delta R.T. 0.00 min

Lab File: BF115170.D

Acq: 25 Jun 2019 1:41

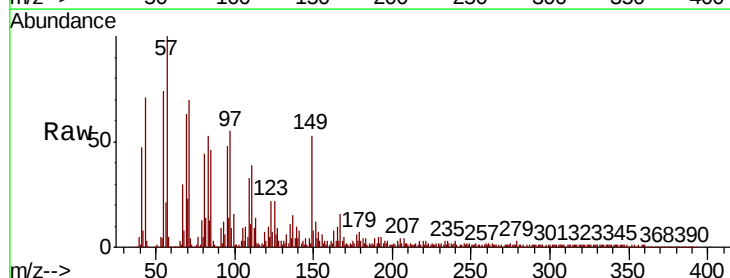
Tgt Ion:149 Resp: 199952

Ion Ratio Lower Upper

149 100

167 30.0 22.2 33.4

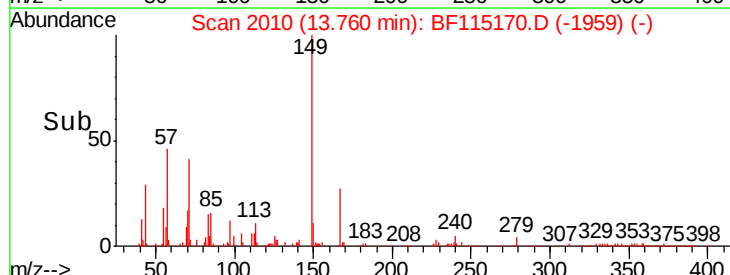
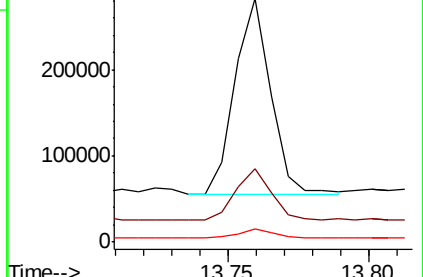
279 5.2 2.9 4.3#

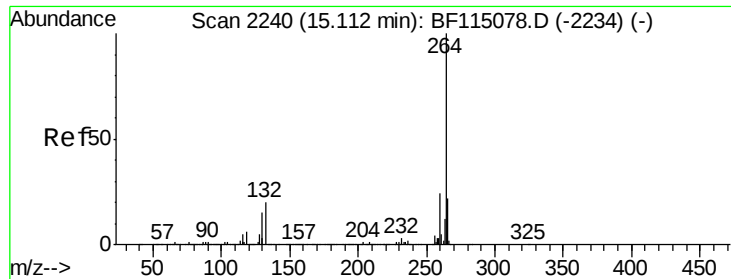


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



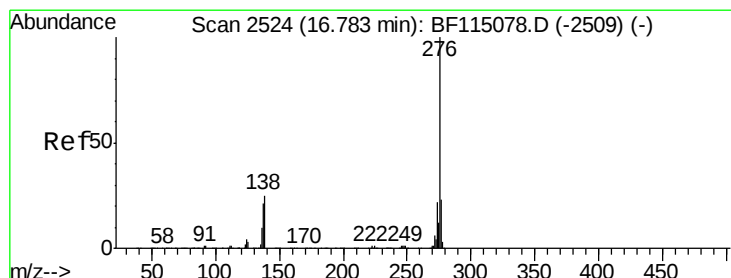
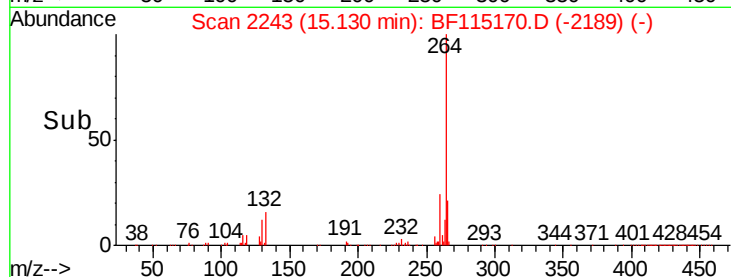
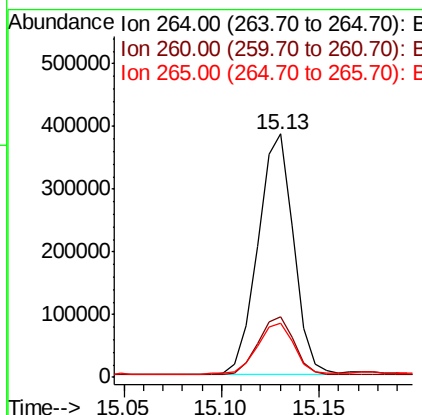
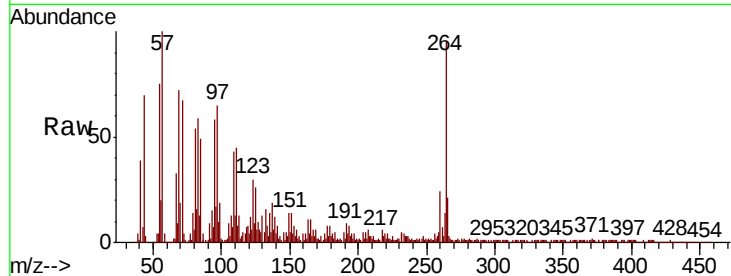


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.13 min Scan# 2243
Delta R.T. 0.02 min
Lab File: BF115170.D
Acq: 25 Jun 2019 1:41

Instrument :
BNA_F
ClientSampled :
B-6(7.5-8)

Tot Ion:264 Resp: 486088

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.6	29.4
265	22.3	17.3	25.9



#92
Benzo(g,h,i)perylene
Concen: 2.225 ng
RT: 16.78 min Scan# 2524
Delta R.T. 0.00 min
Lab File: BF115170.D
Acq: 25 Jun 2019 1:41

Tgt Ion:276 Resp: 57473

Ion	Ratio	Lower	Upper
276	100		
277	32.6	18.6	28.0#
138	57.2	19.8	29.6#

