

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080519\
 Data File : BF115986.D
 Acq On : 5 Aug 2019 18:14
 Operator : HP/JU
 Sample : K4156-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT1494

Quant Time: Aug 06 02:34:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

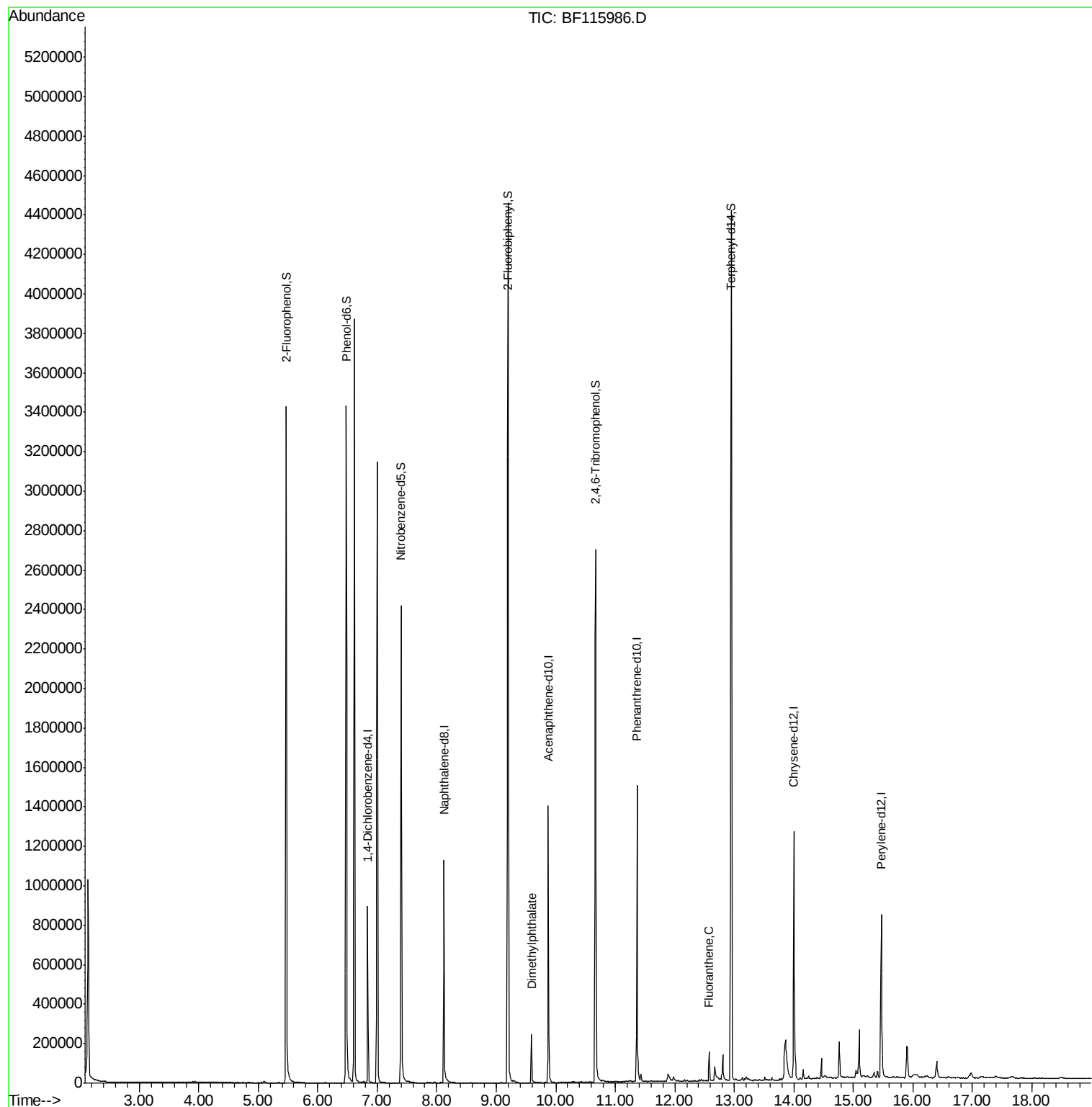
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	140132	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	535371	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	288497	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	522907	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	407445	20.00	ng	-0.02
87) Perylene-d12	15.46	264	353808	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1085671	129.70	ng	0.00
7) Phenol-d6	6.48	99	1420370	134.49	ng	0.00
23) Nitrobenzene-d5	7.40	82	923879	99.61	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	368138	131.62	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	1474018	95.70	ng	-0.02
79) Terphenyl-d14	12.95	244	1679018	86.83	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.59	163	117864	6.000	ng	99
75) Fluoranthene	12.57	202	61120	2.184	ng	98

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

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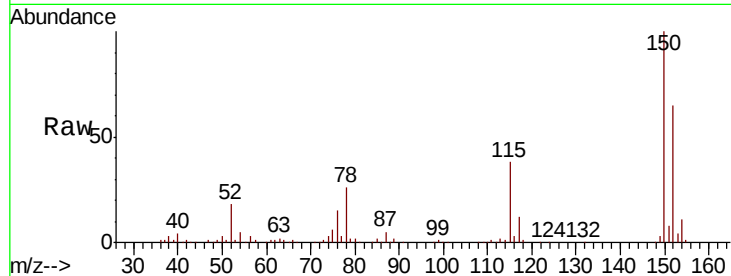


#1

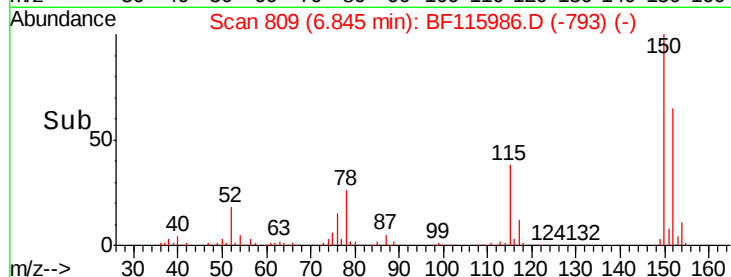
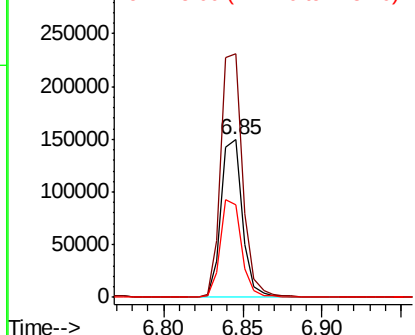
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF115986.D
Acq: 5 Aug 2019 18:14

Instrument :
BNA_F
ClientSampleId :
RT1494

Tot Ion:152 Resp: 140132
Ion Ratio Lower Upper
152 100
150 154.5 127.4 191.0
115 58.6 51.8 77.8



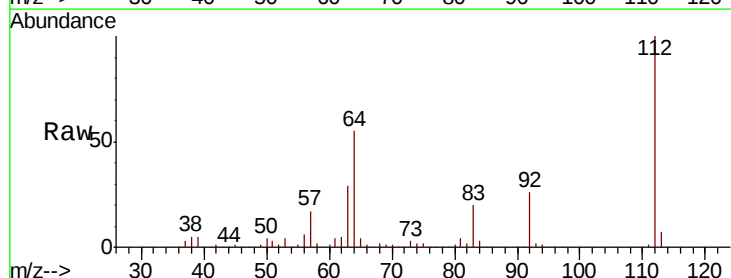
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



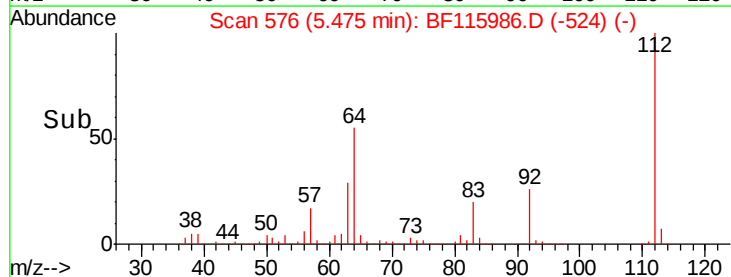
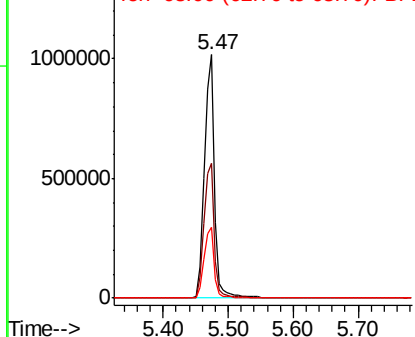
#5

2-Fluorophenol
Concen: 129.698 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF115986.D
Acq: 5 Aug 2019 18:14

Tgt Ion:112 Resp: 1085671
Ion Ratio Lower Upper
112 100
64 55.4 46.8 70.2
63 29.2 24.2 36.2



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: 134.489 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF115986.D

Acq: 5 Aug 2019 18:14

Instrument :

BNA_F

ClientSampleId :

RT1494

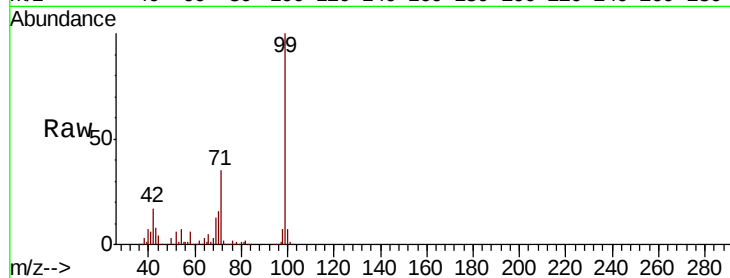
Tot Ion: 99 Resp: 1420370

Ion Ratio Lower Upper

99 100

42 17.4 13.8 20.6

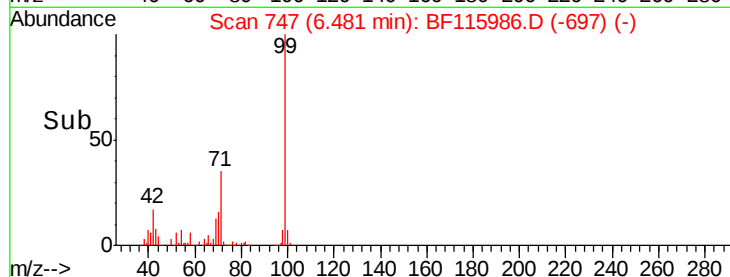
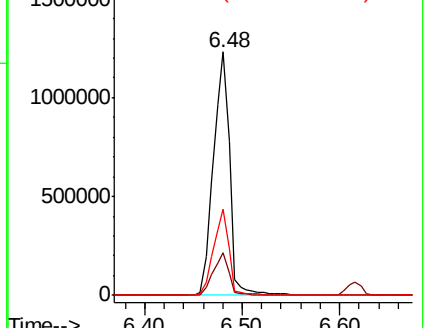
71 35.3 27.1 40.7



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF115986.D

Acq: 5 Aug 2019 18:14

Tgt Ion: 136 Resp: 535371

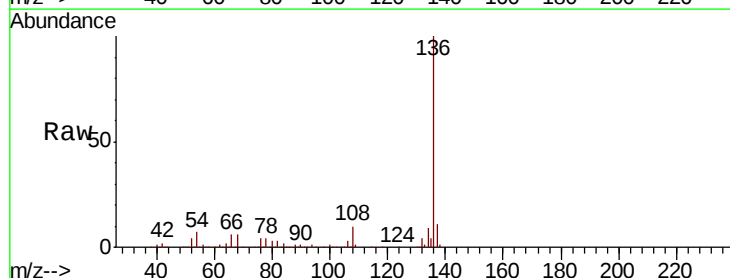
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 7.4 6.1 9.1

68 6.2 5.4 8.2

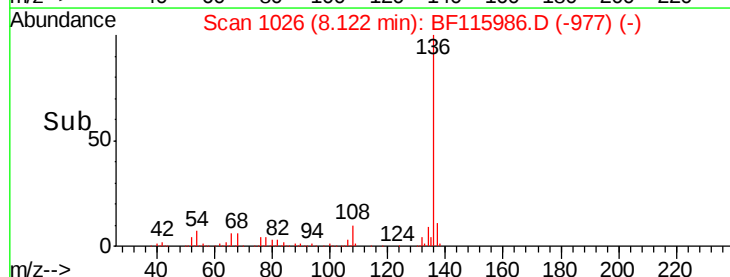
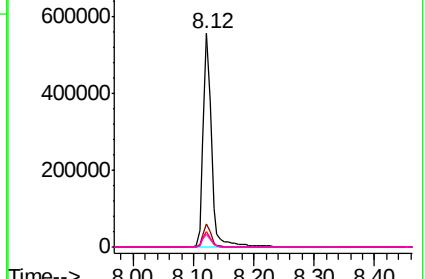


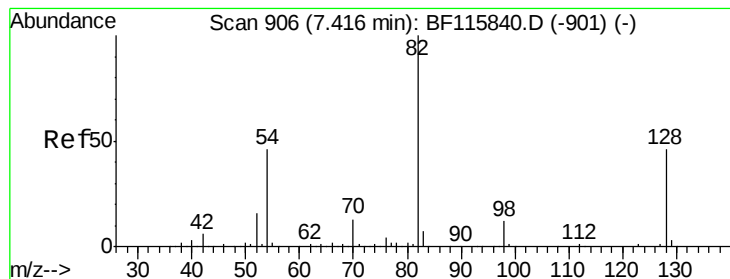
Abundance Ion 136.00 (135.70 to 136.70): E

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





#23

Nitrobenzene-d5

Concen: 99.612 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF115986.D

Acq: 5 Aug 2019 18:14

Instrument :

BNA_F

ClientSampled :

RT1494

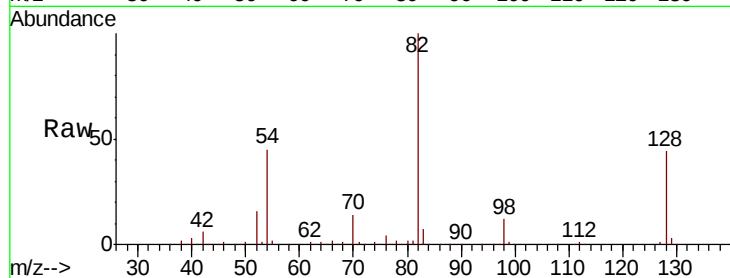
Tot Ion: 82 Resp: 923879

Ion Ratio Lower Upper

82 100

128 44.2 36.6 55.0

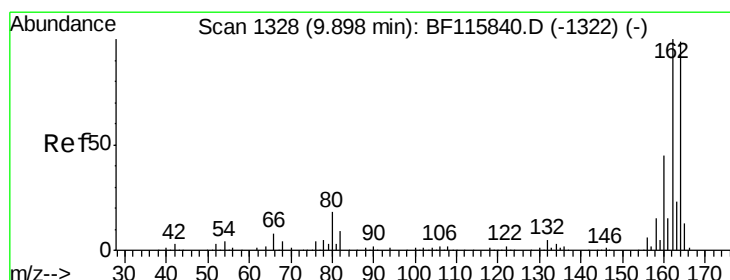
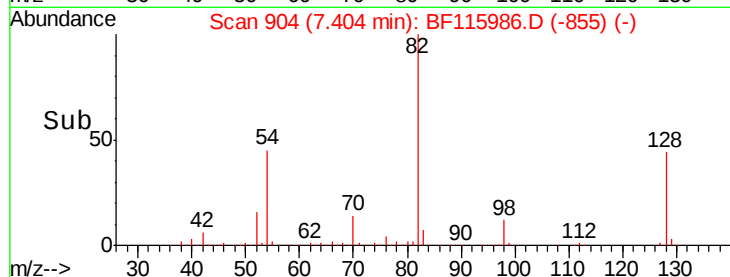
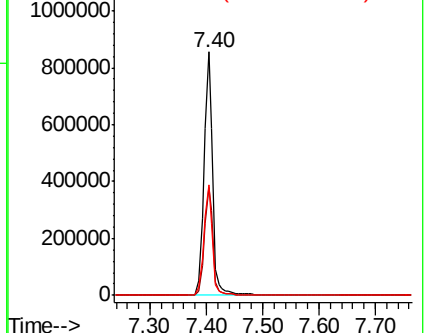
54 45.2 36.6 55.0



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BF115986.D

Acq: 5 Aug 2019 18:14

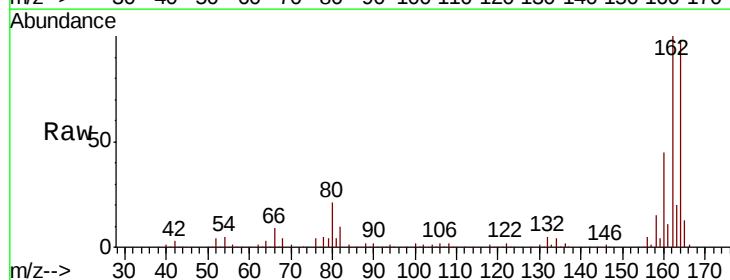
Tgt Ion:164 Resp: 288497

Ion Ratio Lower Upper

164 100

162 101.8 80.8 121.2

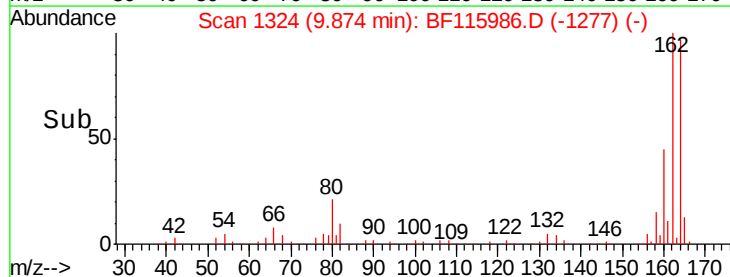
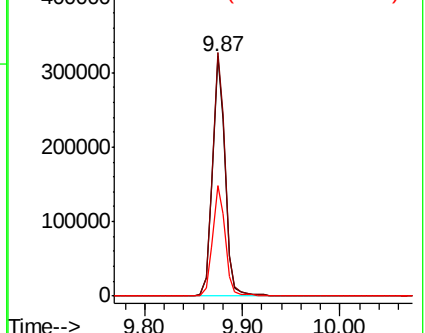
160 46.1 36.2 54.4



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

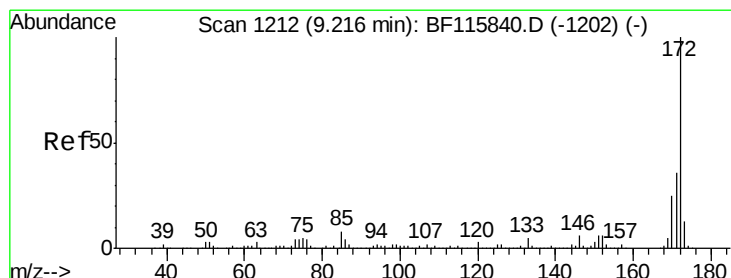
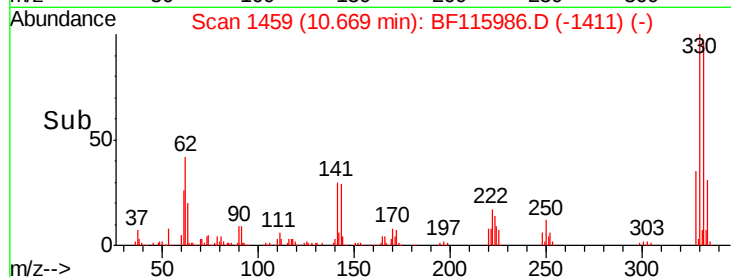
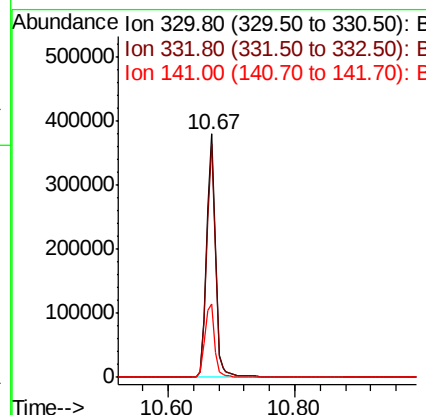
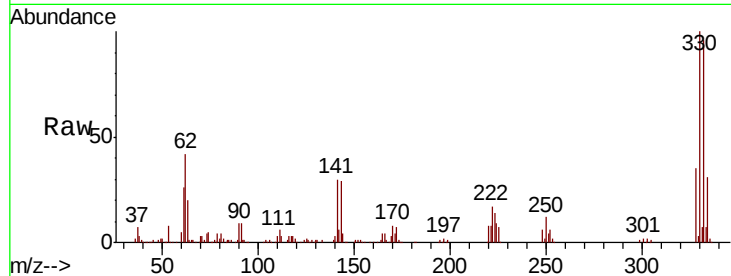




#42
 2,4,6-Tribromophenol
 Concen: 131.616 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.02 min
 Lab File: BF115986.D
 Acq: 5 Aug 2019 18:14

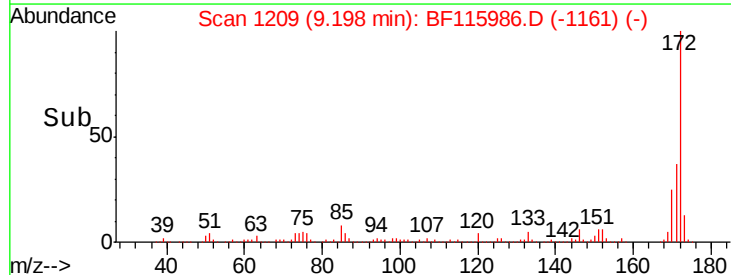
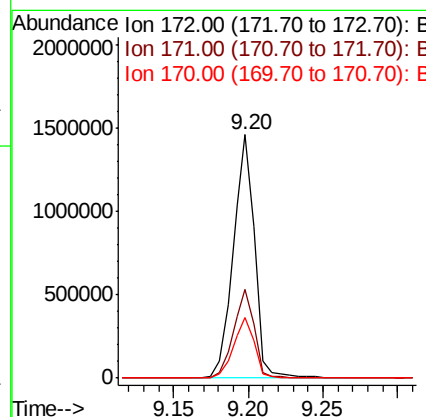
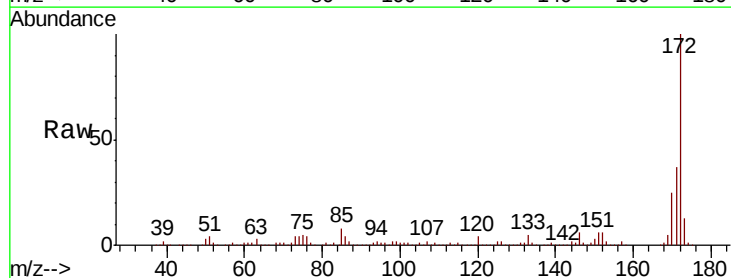
Instrument :
 BNA_F
 ClientSampleId :
 RT1494

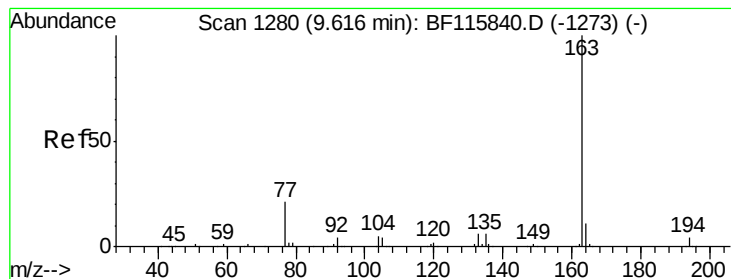
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.7	116.5
141	33.2	28.1	42.1



#45
 2-Fluorobiphenyl
 Concen: 95.701 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.02 min
 Lab File: BF115986.D
 Acq: 5 Aug 2019 18:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.1	43.7
170	25.1	20.1	30.1





#50

Dimethylphthalate

Concen: 6.000 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.02 min

Lab File: BF115986.D

Acq: 5 Aug 2019 18:14

Instrument :

BNA_F

ClientSampleId :

RT1494

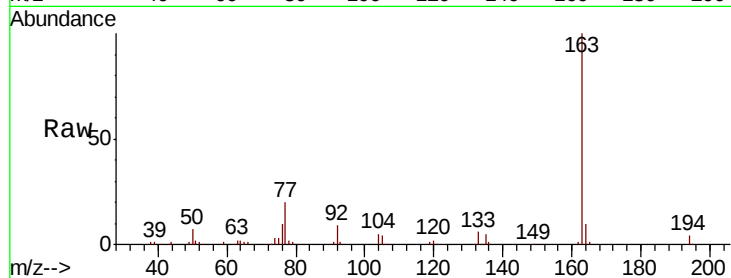
Tot Ion:163 Resp: 117864

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

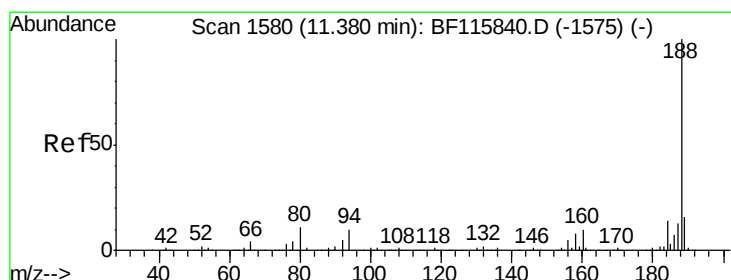
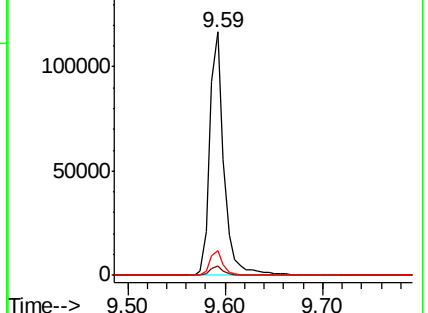
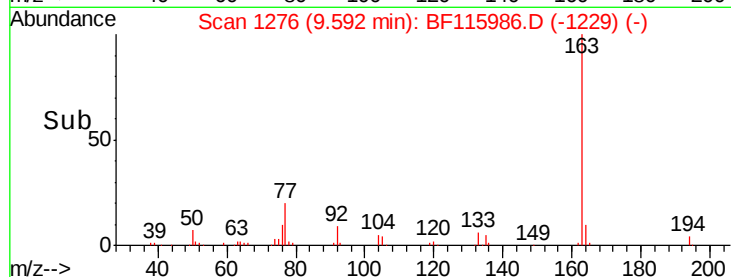
164 10.0 8.4 12.6



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: 11.36 min Scan# 1577

Delta R.T. -0.02 min

Lab File: BF115986.D

Acq: 5 Aug 2019 18:14

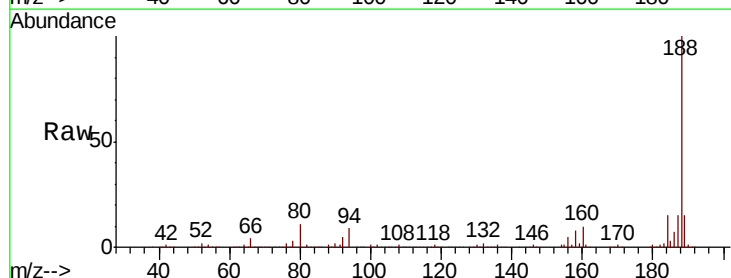
Tgt Ion:188 Resp: 522907

Ion Ratio Lower Upper

188 100

94 9.5 8.0 12.0

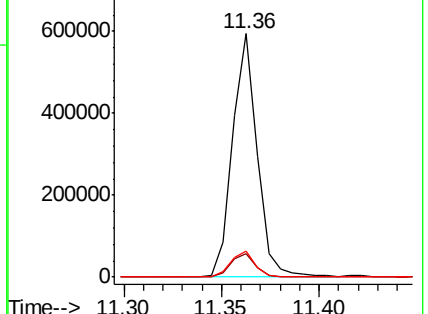
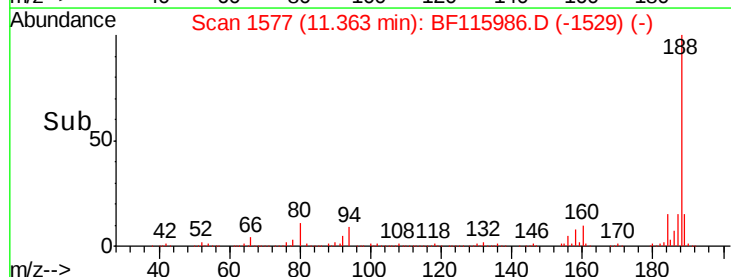
80 10.6 8.6 12.8

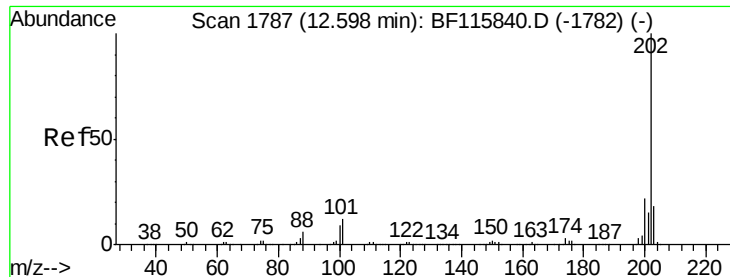


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Fluoranthene

Concen: 2.184 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.02 min

Lab File: BF115986.D

Acq: 5 Aug 2019 18:14

Instrument :

BNA_F

ClientSampleId :

RT1494

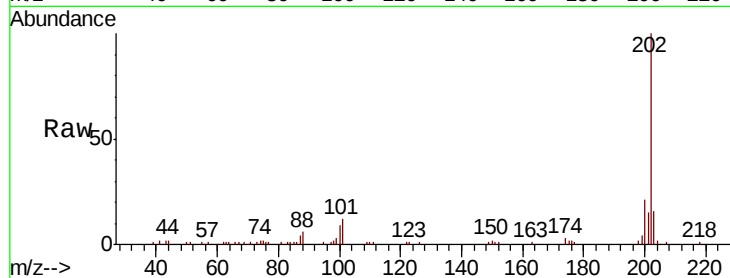
Tot Ion:202 Resp: 61120

Ion Ratio Lower Upper

202 100

101 11.5 0.0 31.5

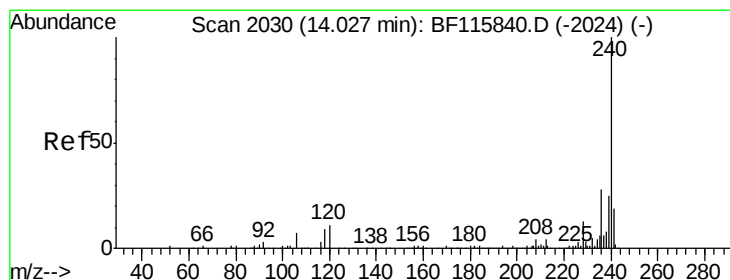
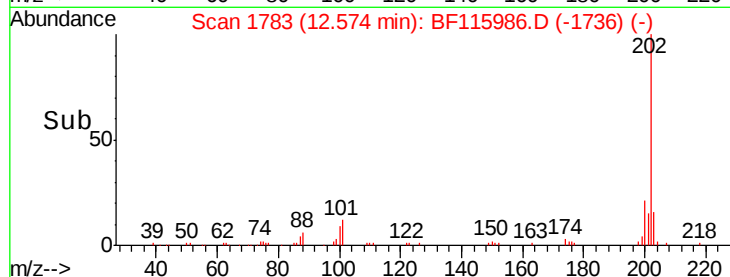
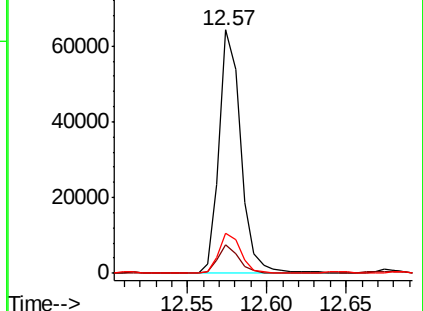
203 16.5 0.0 37.9



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: 14.00 min Scan# 2026

Delta R.T. -0.02 min

Lab File: BF115986.D

Acq: 5 Aug 2019 18:14

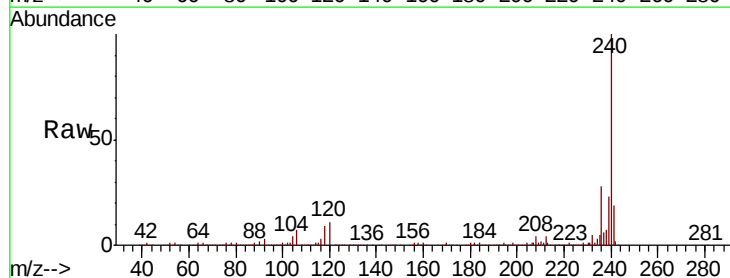
Tgt Ion:240 Resp: 407445

Ion Ratio Lower Upper

240 100

120 10.6 8.5 12.7

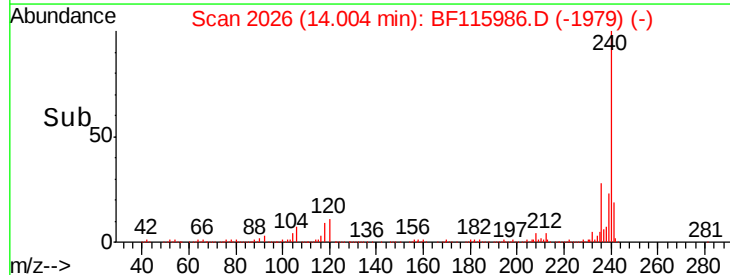
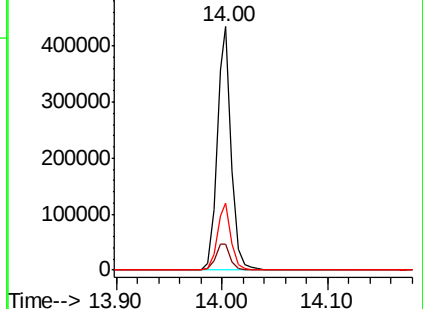
236 27.7 22.2 33.2

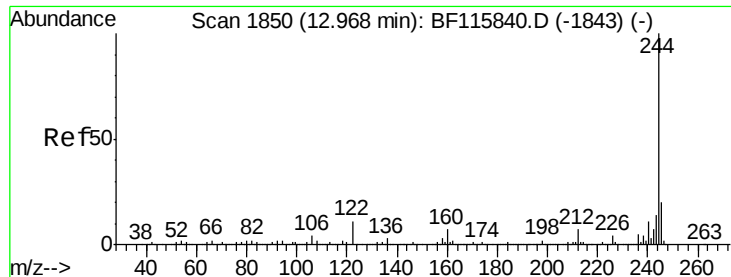


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

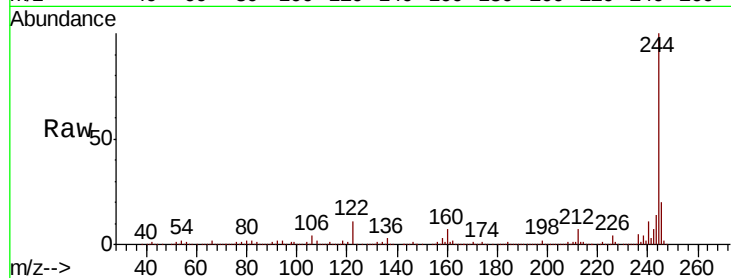




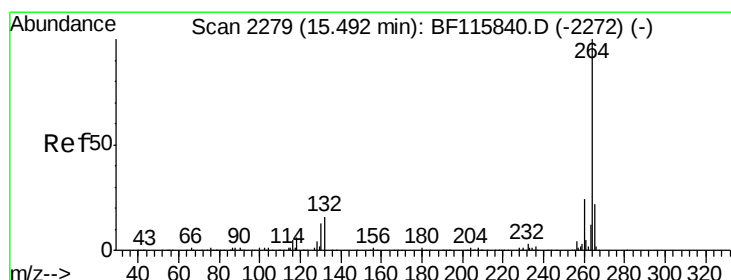
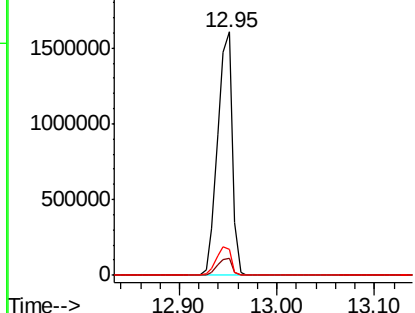
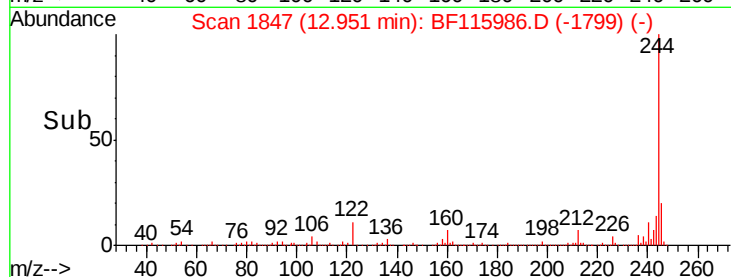
#79
 Terphenyl-d14
 Concen: 86.833 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.02 min
 Lab File: BF115986.D
 Acq: 5 Aug 2019 18:14

Instrument :
 BNA_F
 ClientSampleId :
 RT1494

Tot Ion:244 Resp: 1679018
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 10.7 8.6 13.0

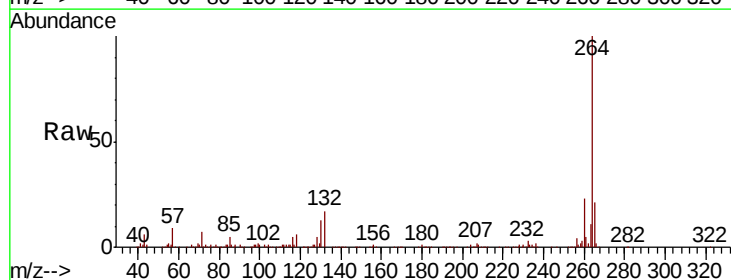


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. -0.03 min
 Lab File: BF115986.D
 Acq: 5 Aug 2019 18:14

Tgt Ion:264 Resp: 353808
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.4 29.2
 265 21.5 17.5 26.3



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

