

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080719\
 Data File : BF116042.D
 Acq On : 7 Aug 2019 11:24
 Operator : HP/JU
 Sample : PB122007BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122007BL

Quant Time: Aug 07 13:12:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	148867	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	583762	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	315193	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	580225	20.00	ng	0.00
76) Chrysene-d12	14.00	240	444814	20.00	ng	0.00
87) Perylene-d12	15.47	264	407836	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1069098	120.22	ng	0.01
7) Phenol-d6	6.48	99	1400221	124.80	ng	0.00
23) Nitrobenzene-d5	7.40	82	914226	90.40	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	387079	126.67	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1557124	92.53	ng	0.00
79) Terphenyl-d14	12.95	244	1812039	85.84	ng	0.00

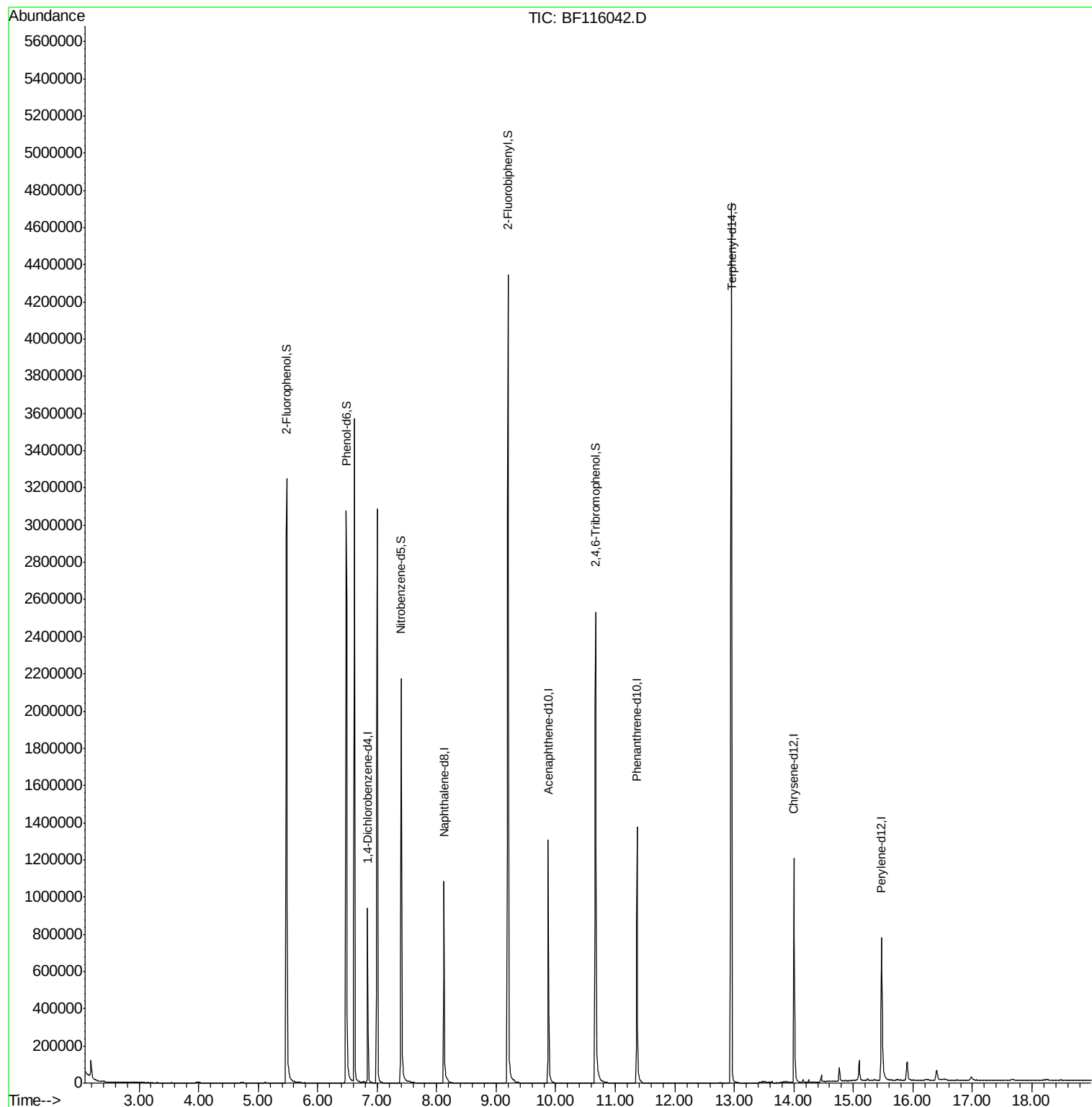
Target Compounds Qvalue

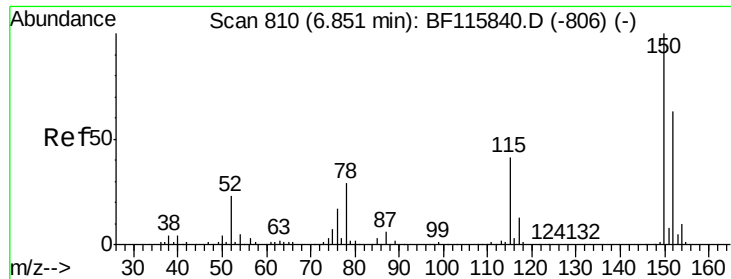
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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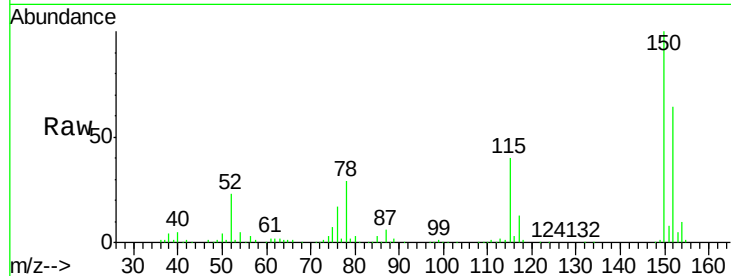


#1

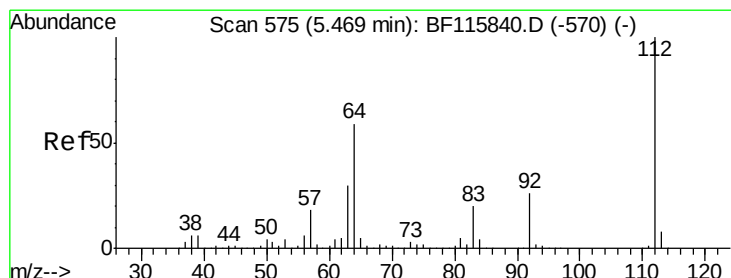
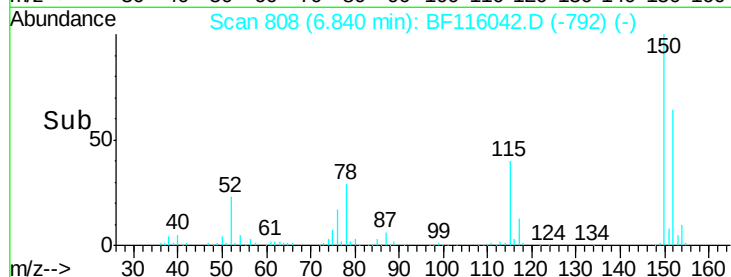
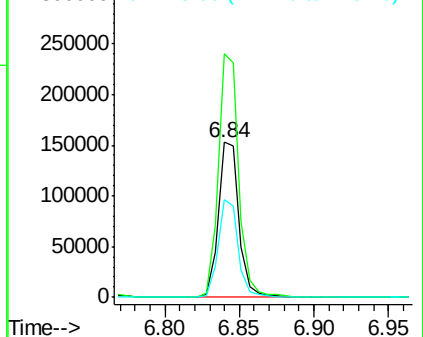
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116042.D
Acq: 7 Aug 2019 11:24

Instrument :
BNA_F
ClientSampleId :
PB122007BL

Tot Ion:152 Resp: 148867
Ion Ratio Lower Upper
152 100
150 157.4 126.2 189.2
115 63.5 49.9 74.9



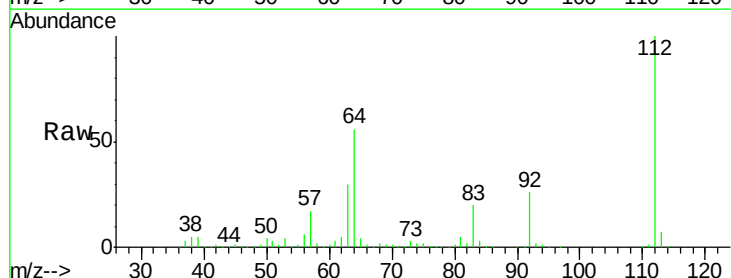
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



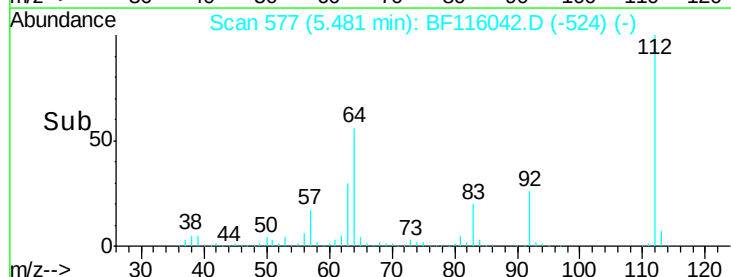
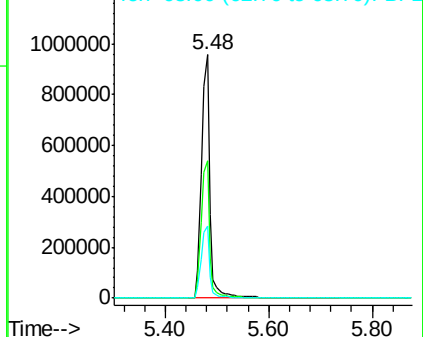
#5

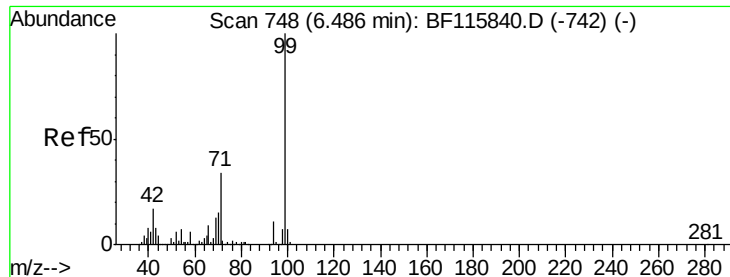
2-Fluorophenol
Concen: 120.224 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF116042.D
Acq: 7 Aug 2019 11:24

Tgt Ion:112 Resp: 1069098
Ion Ratio Lower Upper
112 100
64 56.3 45.4 68.2
63 29.8 23.7 35.5



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: 124.802 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116042.D

Acq: 7 Aug 2019 11:24

Instrument :

BNA_F

ClientSampleId :

PB122007BL

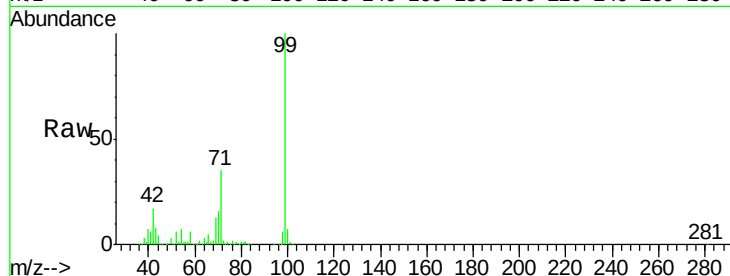
Tot Ion: 99 Resp: 1400221

Ion Ratio Lower Upper

99 100

42 17.1 13.8 20.8

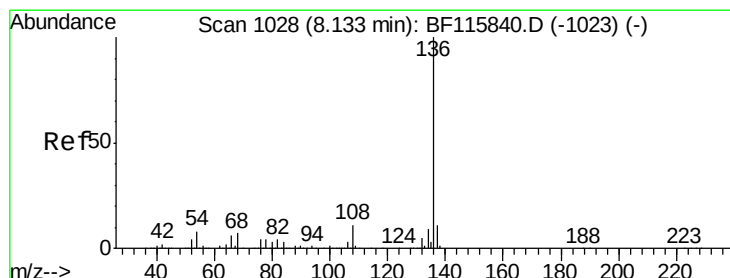
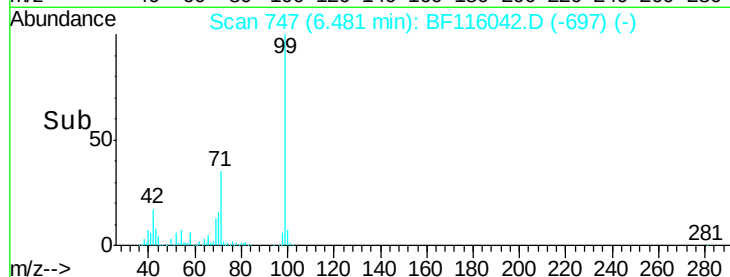
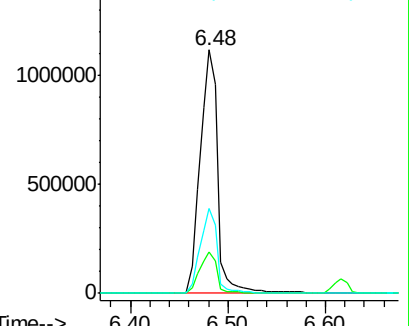
71 34.7 27.3 40.9



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: BF116042.D

Acq: 7 Aug 2019 11:24

Tgt Ion: 136 Resp: 583762

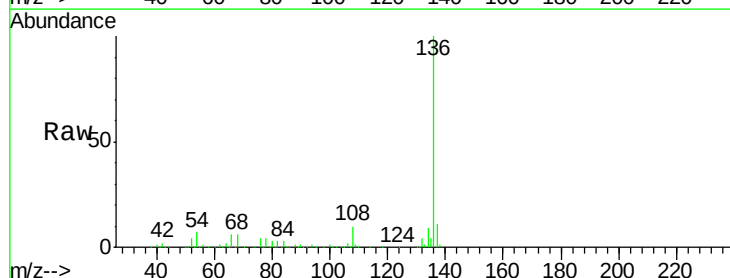
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 7.1 5.8 8.6

68 6.4 5.2 7.8

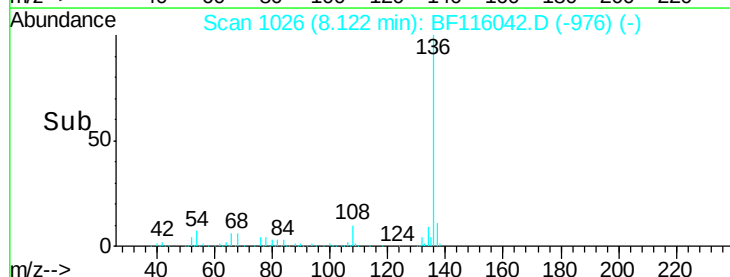
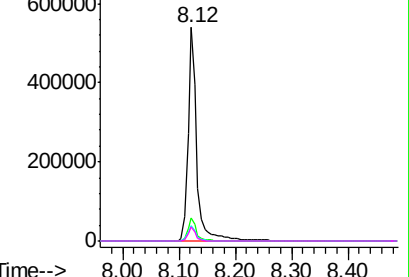


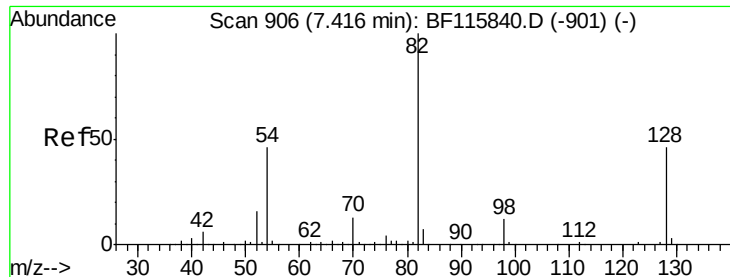
Abundance Ion 136.00 (135.70 to 136.70): E

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

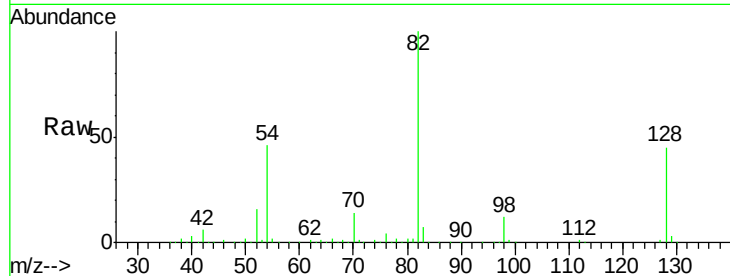




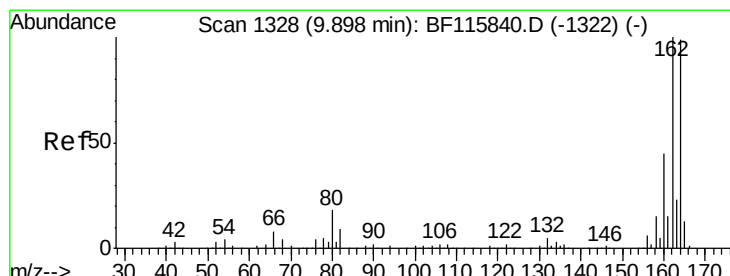
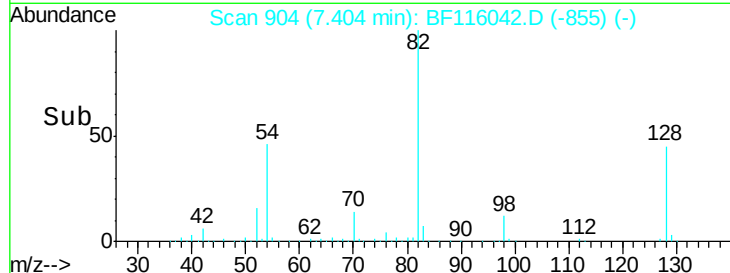
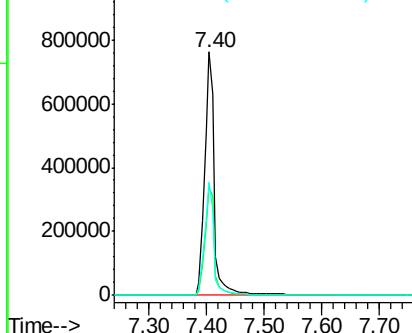
#23
 Nitrobenzene-d5
 Concen: 90.400 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF116042.D
 Acq: 7 Aug 2019 11:24

Instrument :
 BNA_F
 ClientSampleId :
 PB122007BL

Tot Ion: 82 Resp: 914226
 Ion Ratio Lower Upper
 82 100
 128 44.6 36.5 54.7
 54 46.2 36.0 54.0

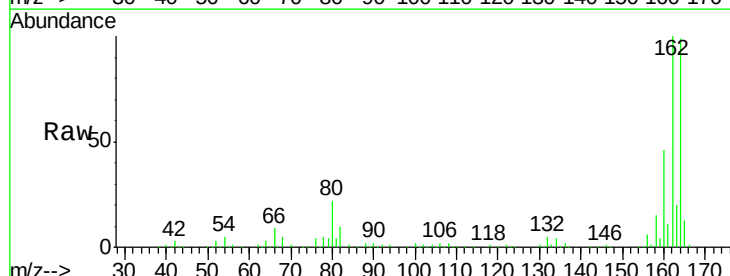


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

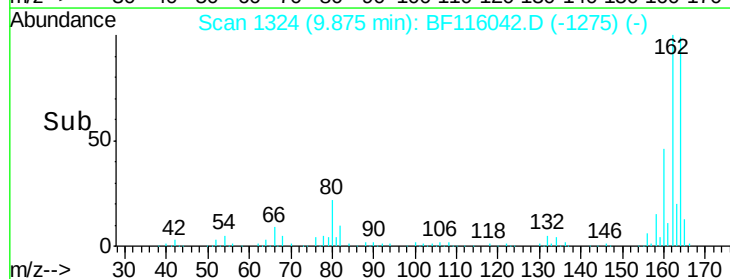
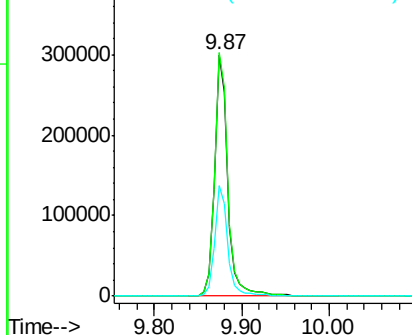


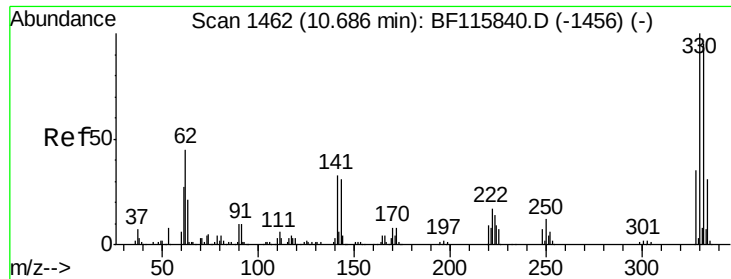
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF116042.D
 Acq: 7 Aug 2019 11:24

Tgt Ion: 164 Resp: 315193
 Ion Ratio Lower Upper
 164 100
 162 100.7 82.6 124.0
 160 45.8 37.6 56.4



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

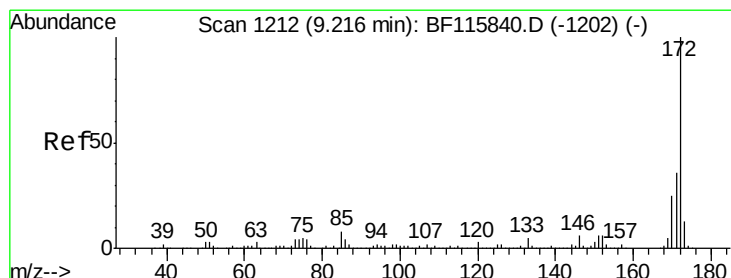
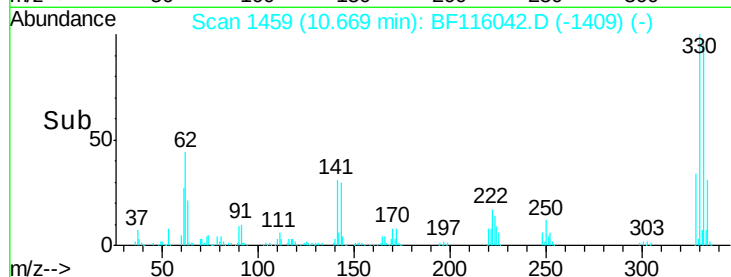
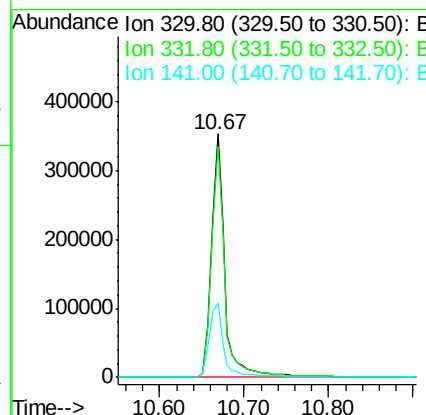
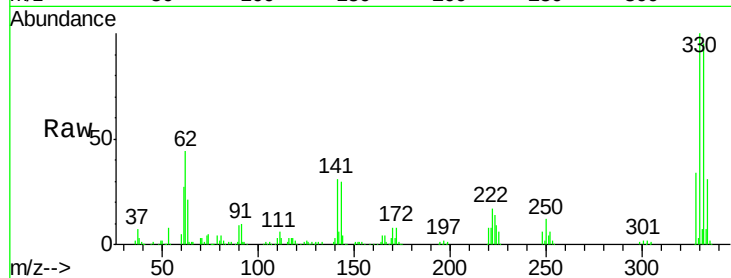




#42
 2,4,6-Tribromophenol
 Concen: 126.667 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF116042.D
 Acq: 7 Aug 2019 11:24

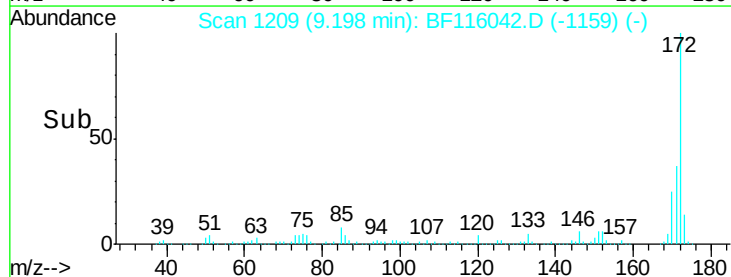
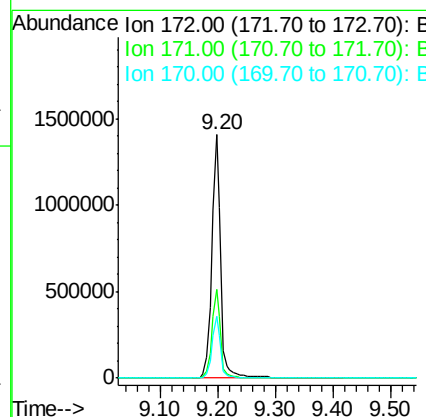
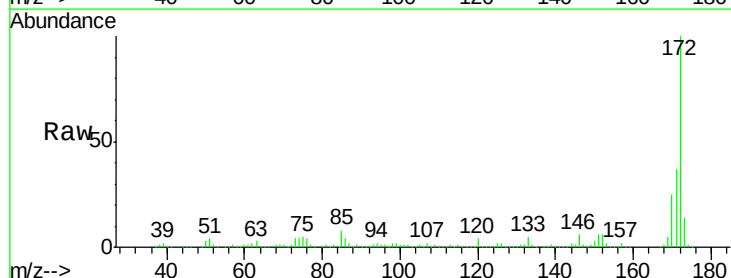
Instrument :
 BNA_F
 ClientSampleId :
 PB122007BL

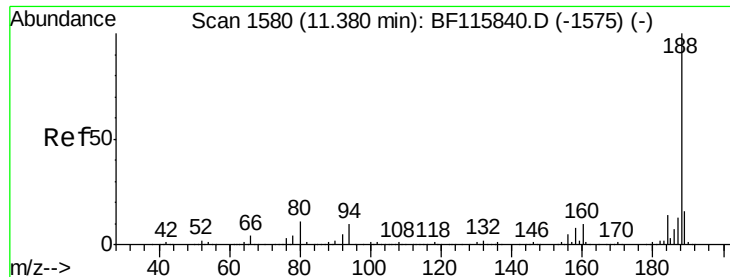
Tot Ion:330 Resp: 387079
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.8 115.2
 141 33.9 26.3 39.5



#45
 2-Fluorobiphenyl
 Concen: 92.534 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF116042.D
 Acq: 7 Aug 2019 11:24

Tgt Ion:172 Resp: 1557124
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 25.3 20.1 30.1

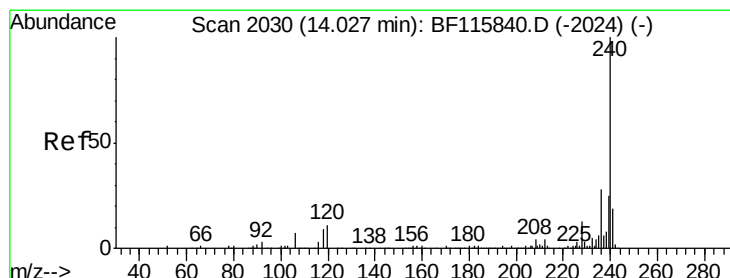
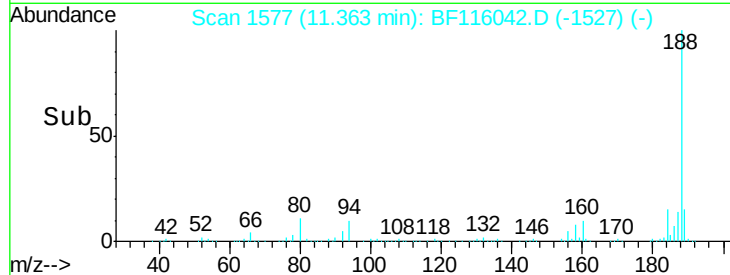
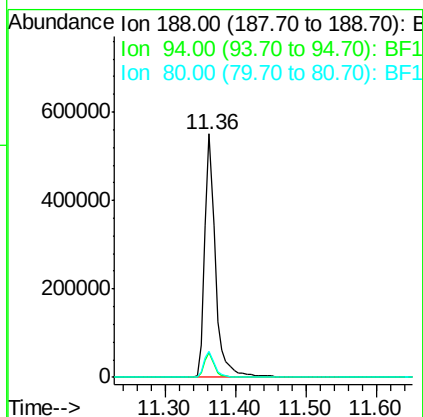
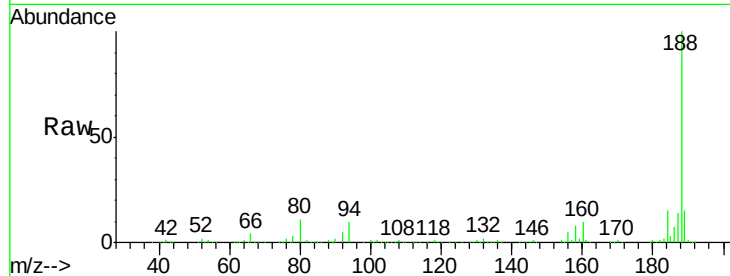




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116042.D
Acq: 7 Aug 2019 11:24

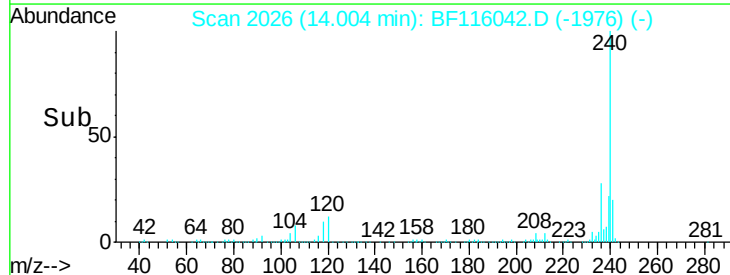
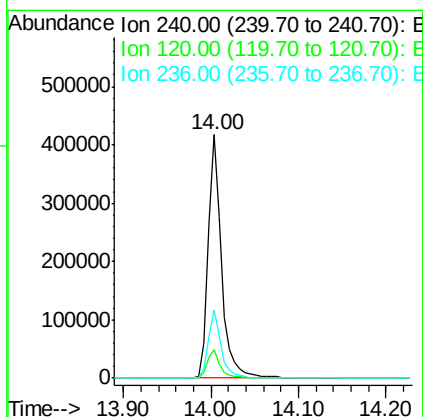
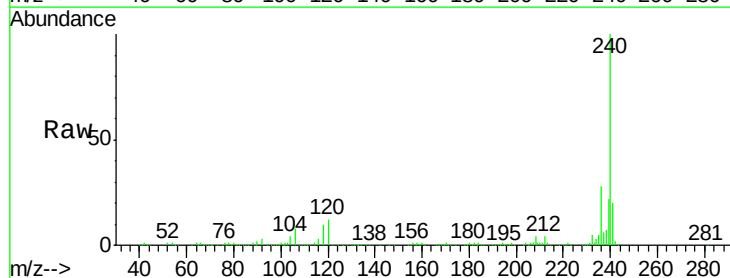
Instrument :
BNA_F
ClientSampleId :
PB122007BL

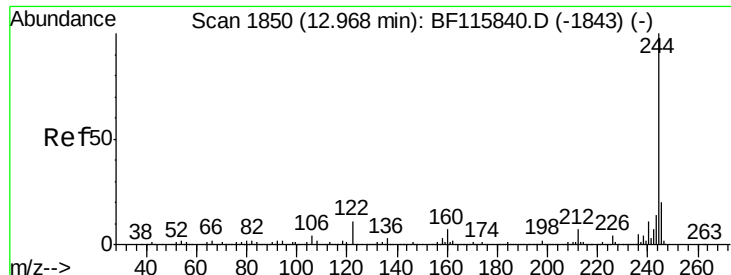
Tot Ion:188 Resp: 580225
Ion Ratio Lower Upper
188 100
94 10.1 8.1 12.1
80 10.6 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF116042.D
Acq: 7 Aug 2019 11:24

Tgt Ion:240 Resp: 444814
Ion Ratio Lower Upper
240 100
120 11.8 10.7 16.1
236 27.8 22.2 33.2





#79

Terphenyl-d14

Concen: 85.840 ng

RT: 12.95 min Scan# 1847

Delta R.T. 0.00 min

Lab File: BF116042.D

Acq: 7 Aug 2019 11:24

Instrument :

BNA_F

ClientSampleId :

PB122007BL

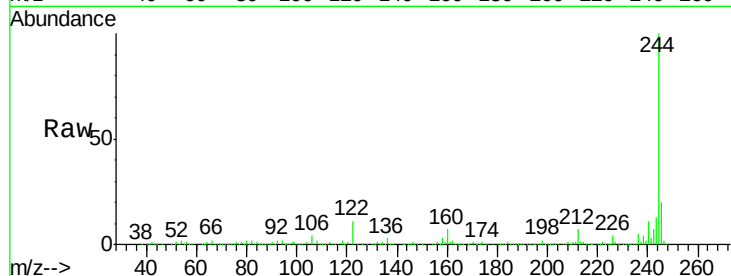
Tot Ion:244 Resp: 1812039

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

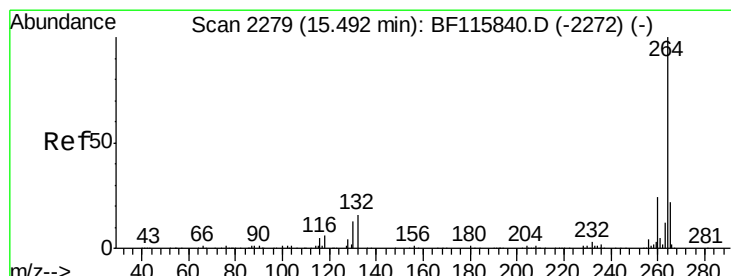
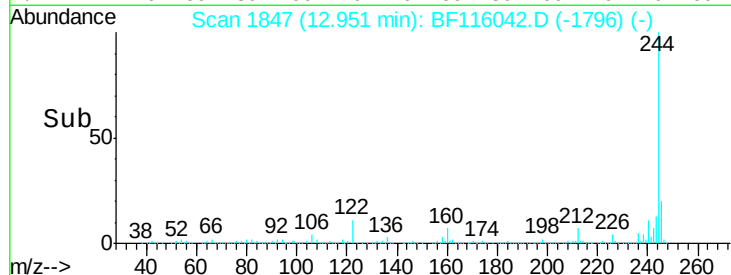
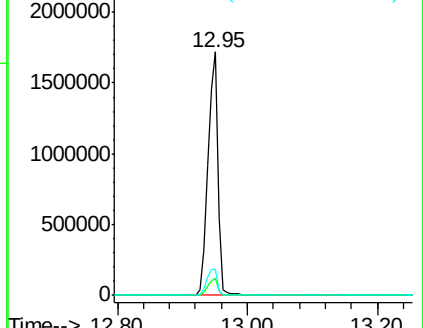
122 10.7 9.0 13.4



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: 15.47 min Scan# 2276

Delta R.T. 0.00 min

Lab File: BF116042.D

Acq: 7 Aug 2019 11:24

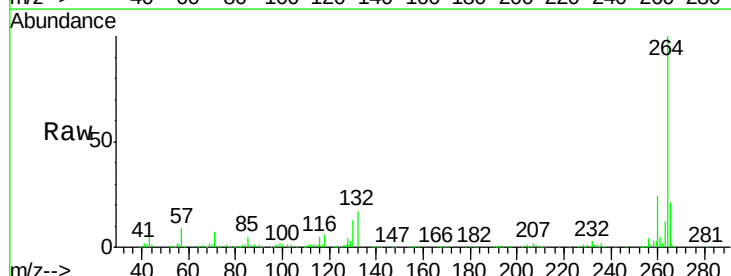
Tgt Ion:264 Resp: 407836

Ion Ratio Lower Upper

264 100

260 24.4 19.7 29.5

265 21.4 17.4 26.0



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

