

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072719\
 Data File : BF115818.D
 Acq On : 27 Jul 2019 9:32
 Operator : HP/JU
 Sample : PB121745BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121745BL

Quant Time: Jul 29 01:25:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 13:16:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	173002	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	679181	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	375236	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	686268	20.00	ng	0.00
76) Chrysene-d12	14.03	240	483081	20.00	ng	0.00
87) Perylene-d12	15.50	264	438566	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1203390	113.78	ng	0.02
7) Phenol-d6	6.50	99	1573629	117.26	ng	0.00
23) Nitrobenzene-d5	7.43	82	1031775	88.33	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	490465	111.98	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1982057	92.45	ng	0.00
79) Terphenyl-d14	12.98	244	2150735	82.15	ng	0.00

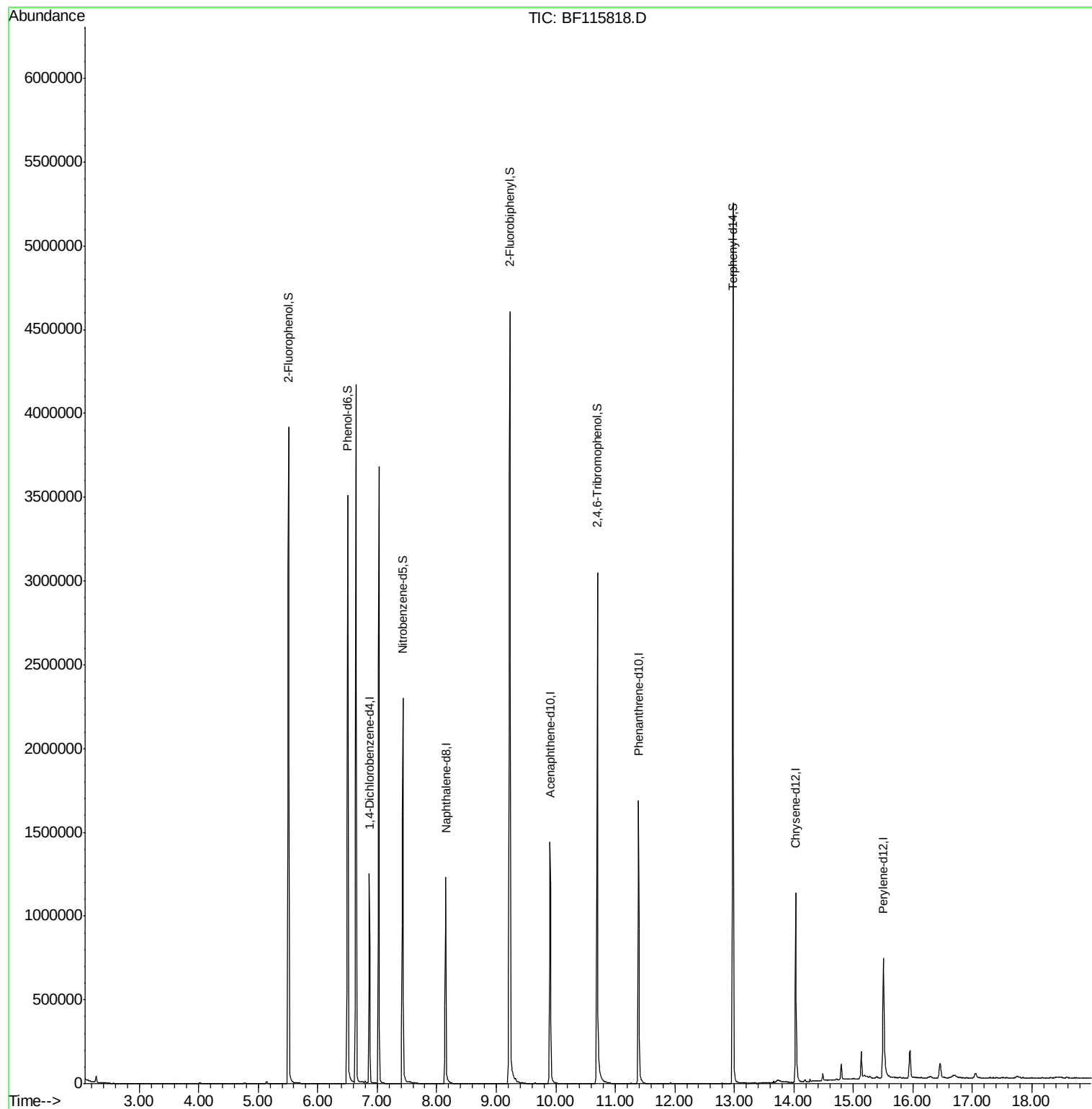
Target Compounds Qvalue

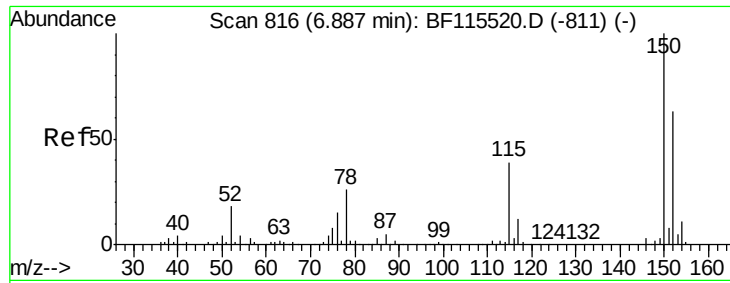
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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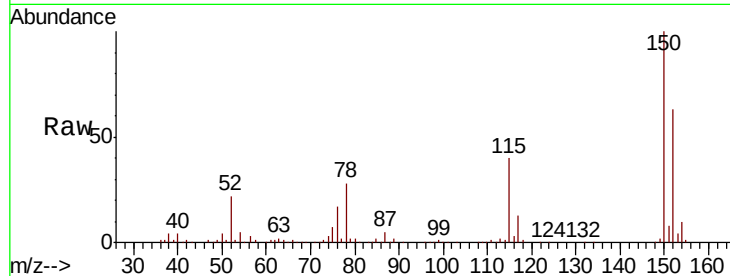




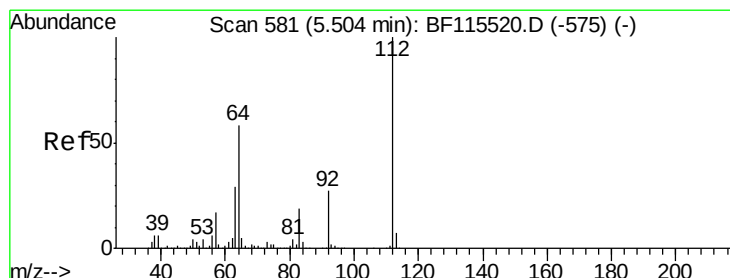
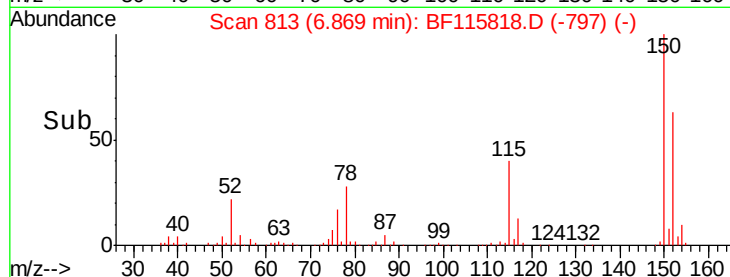
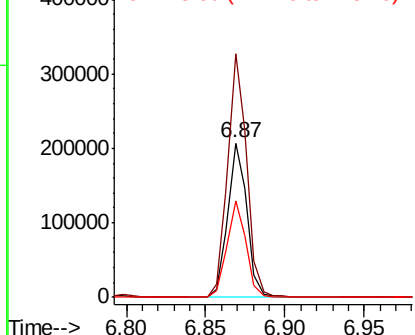
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF115818.D
 Acq: 27 Jul 2019 9:32

Instrument :
 BNA_F
 ClientSampleId :
 PB121745BL

Tot Ion:152 Resp: 173002
 Ion Ratio Lower Upper
 152 100
 150 157.8 126.6 189.8
 115 62.8 47.8 71.6

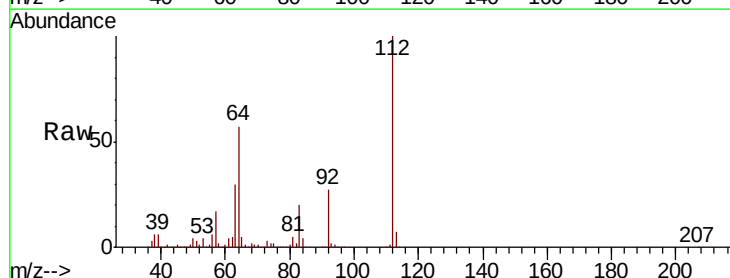


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

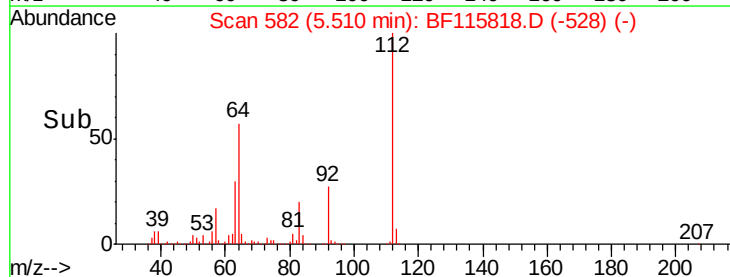
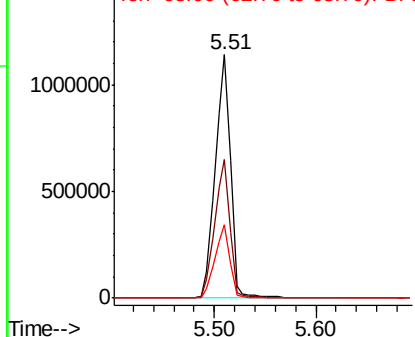


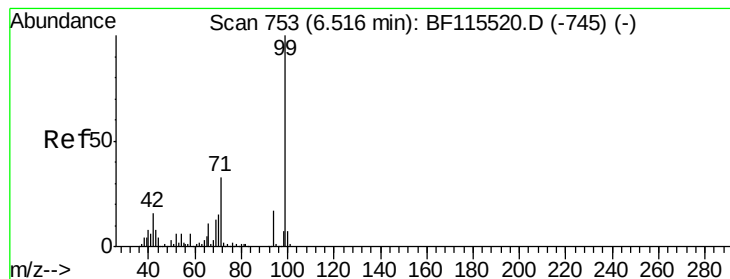
#5
 2-Fluorophenol
 Concen: 113.779 ng
 RT: 5.51 min Scan# 582
 Delta R.T. 0.02 min
 Lab File: BF115818.D
 Acq: 27 Jul 2019 9:32

Tgt Ion:112 Resp: 1203390
 Ion Ratio Lower Upper
 112 100
 64 57.2 45.8 68.8
 63 30.0 23.6 35.4



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: 117.256 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF115818.D

Acq: 27 Jul 2019 9:32

Instrument :

BNA_F

ClientSampleId :

PB121745BL

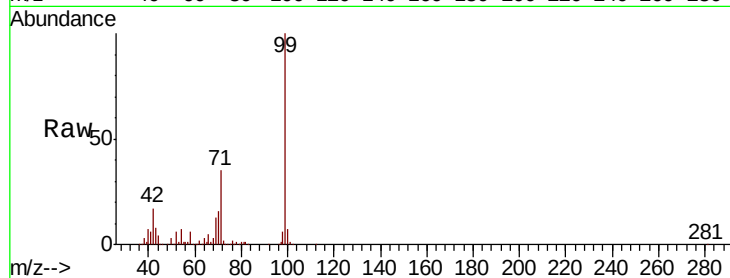
Tot Ion: 99 Resp: 1573629

Ion Ratio Lower Upper

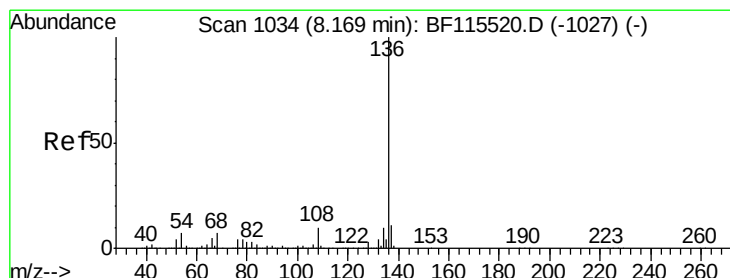
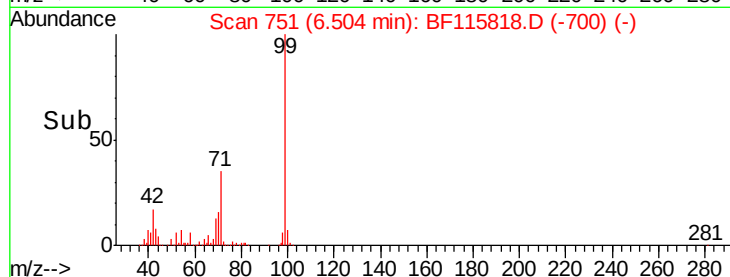
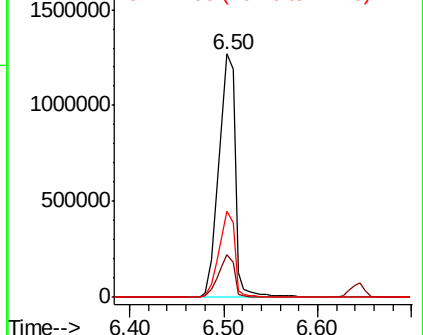
99 100

42 17.4 13.4 20.2

71 35.2 26.7 40.1



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: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF115818.D

Acq: 27 Jul 2019 9:32

Tgt Ion: 136 Resp: 679181

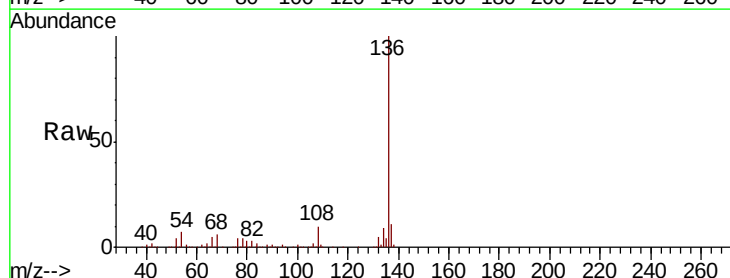
Ion Ratio Lower Upper

136 100

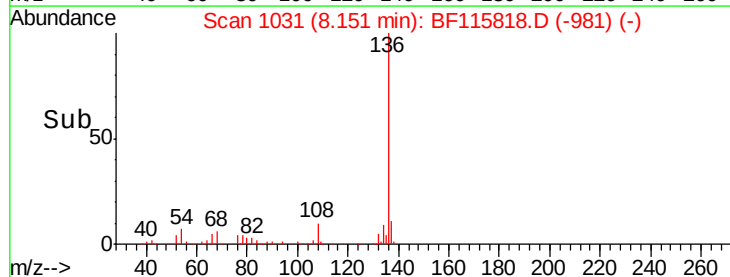
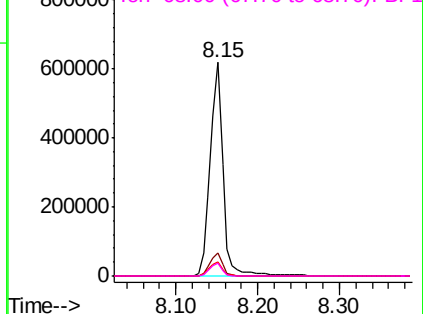
137 11.0 8.7 13.1

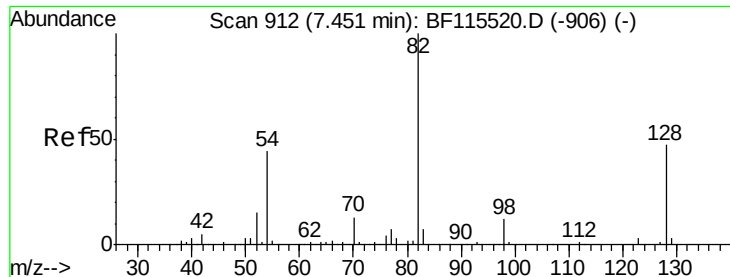
54 6.8 5.0 7.6

68 5.9 4.7 7.1



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

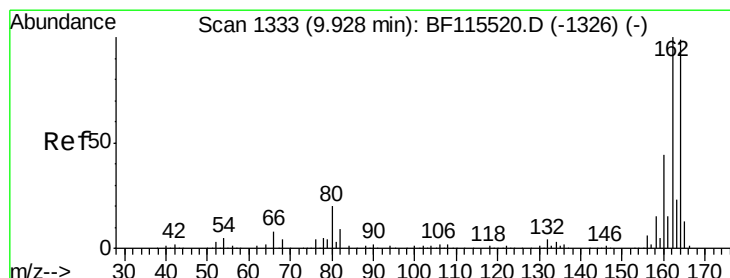
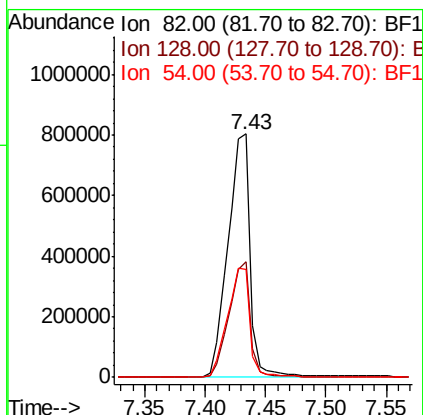
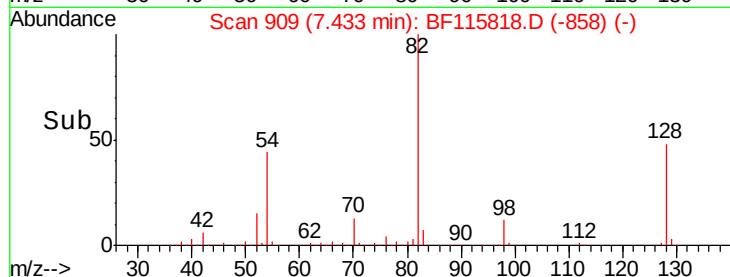
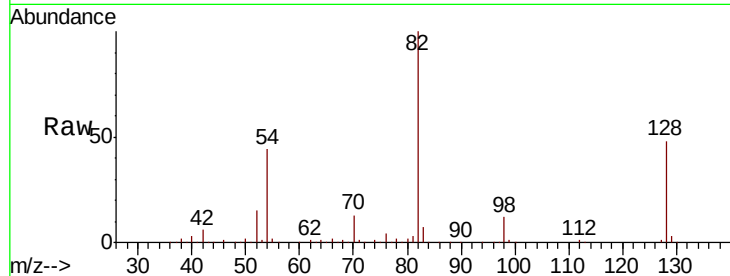




#23
 Nitrobenzene-d5
 Concen: 88.333 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.00 min
 Lab File: BF115818.D
 Acq: 27 Jul 2019 9:32

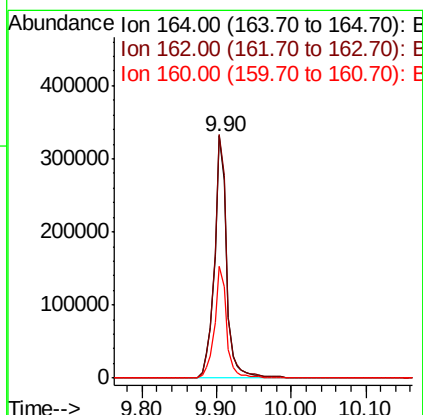
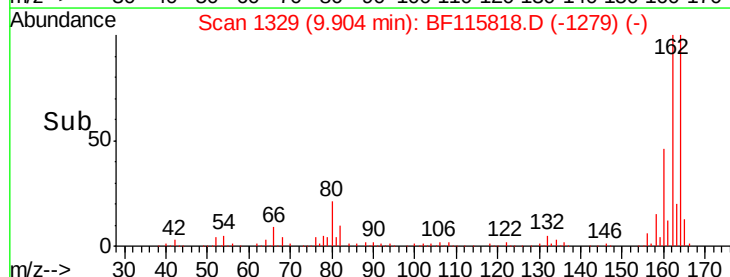
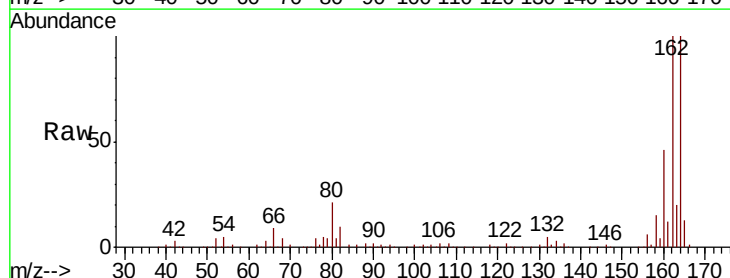
Instrument :
 BNA_F
 ClientSampleId :
 PB121745BL

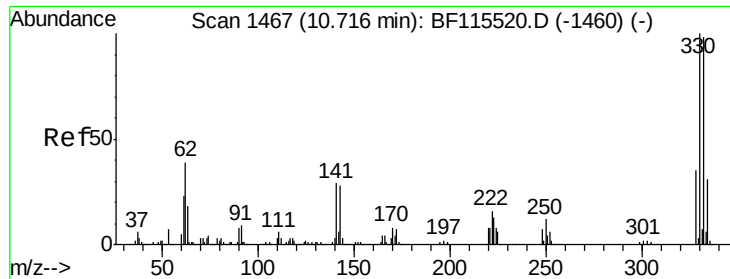
Tot Ion: 82 Resp: 1031775
 Ion Ratio Lower Upper
 82 100
 128 47.5 36.6 55.0
 54 44.4 36.6 54.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF115818.D
 Acq: 27 Jul 2019 9:32

Tgt Ion:164 Resp: 375236
 Ion Ratio Lower Upper
 164 100
 162 100.5 81.8 122.6
 160 45.9 37.5 56.3





#42

2,4,6-Tribromophenol

Concen: 111.981 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.00 min

Lab File: BF115818.D

Acq: 27 Jul 2019 9:32

Instrument :

BNA_F

ClientSampleId :

PB121745BL

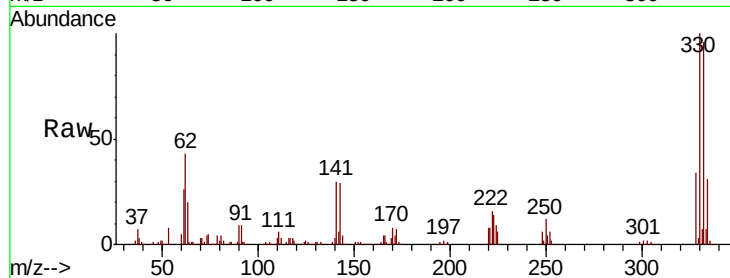
Tot Ion:330 Resp: 490465

Ion Ratio Lower Upper

330 100

332 96.6 76.1 114.1

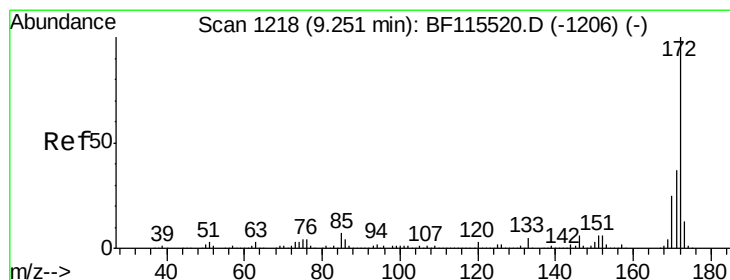
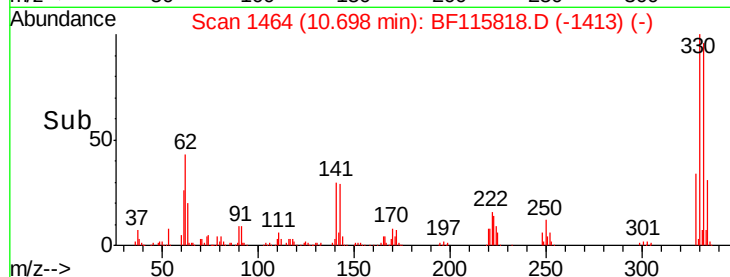
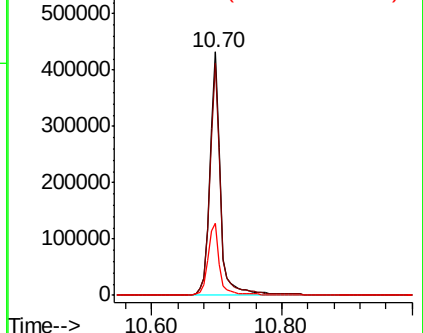
141 33.1 25.9 38.9



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: 92.453 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF115818.D

Acq: 27 Jul 2019 9:32

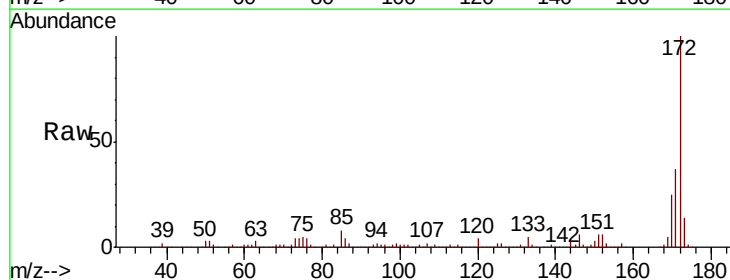
Tgt Ion:172 Resp: 1982057

Ion Ratio Lower Upper

172 100

171 37.0 29.0 43.4

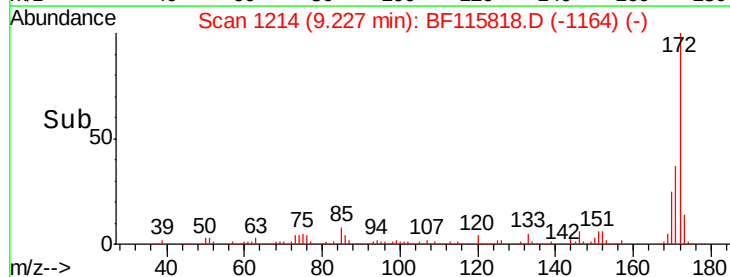
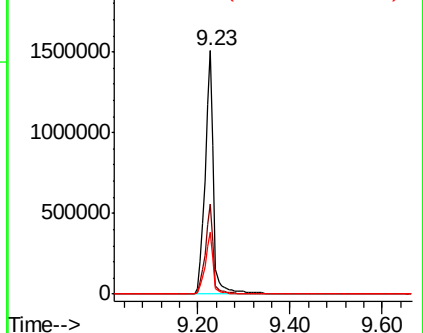
170 25.2 20.1 30.1

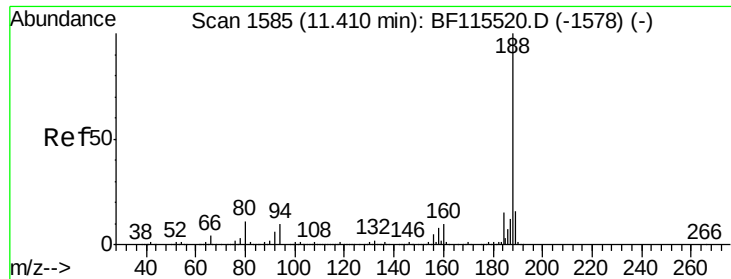


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

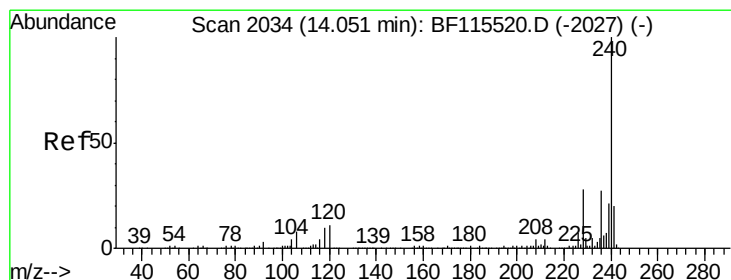
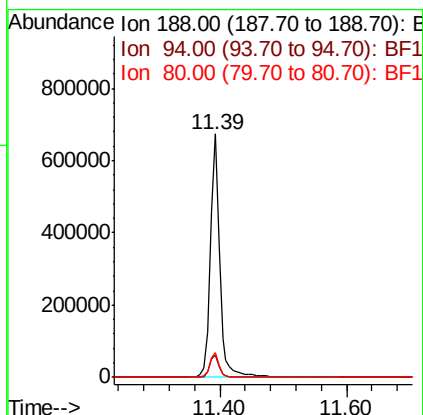
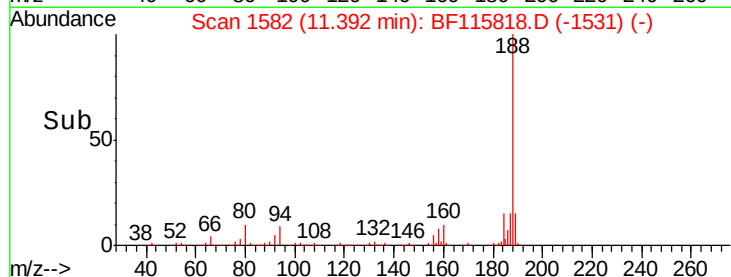
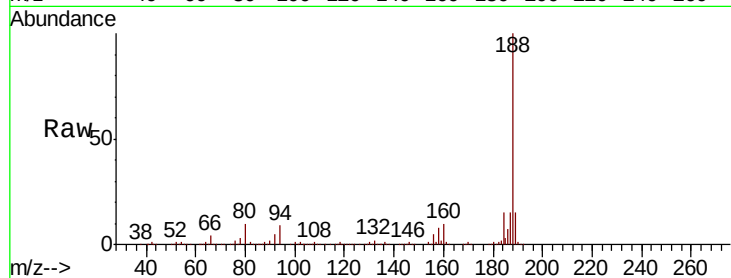




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BF115818.D
Acq: 27 Jul 2019 9:32

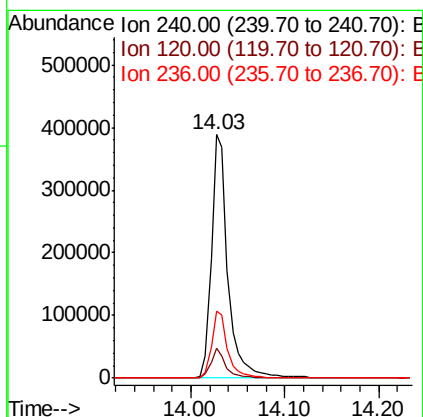
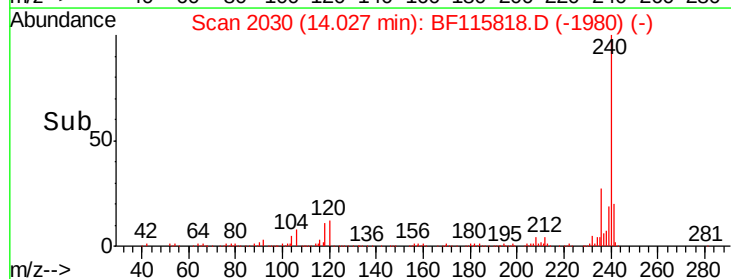
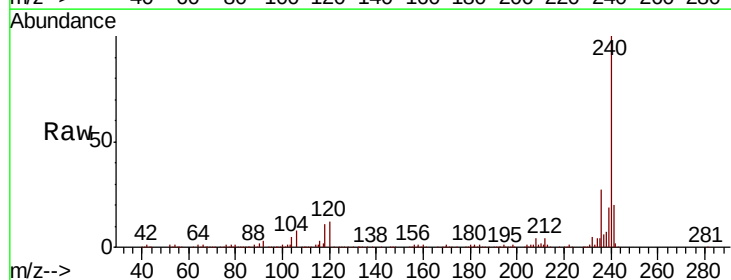
Instrument :
BNA_F
ClientSampleId :
PB121745BL

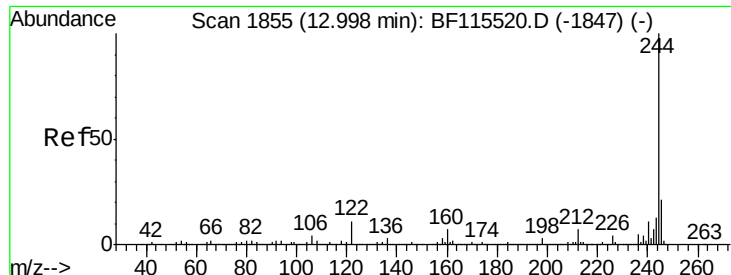
Tot Ion:188 Resp: 686268
Ion Ratio Lower Upper
188 100
94 9.4 8.2 12.2
80 10.4 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF115818.D
Acq: 27 Jul 2019 9:32

Tgt Ion:240 Resp: 483081
Ion Ratio Lower Upper
240 100
120 12.1 10.0 15.0
236 27.4 21.8 32.6





#79

Terphenyl-d14

Concen: 82.149 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BF115818.D

Acq: 27 Jul 2019 9:32

Instrument :

BNA_F

ClientSampleId :

PB121745BL

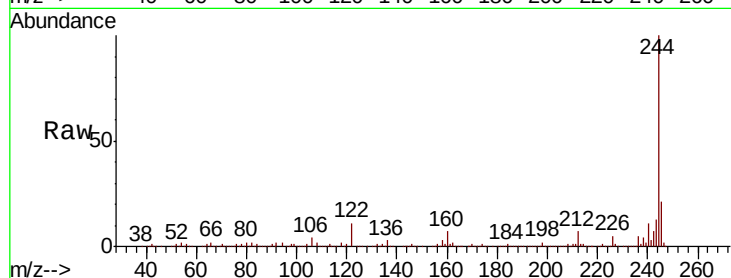
Tot Ion:244 Resp: 2150735

Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

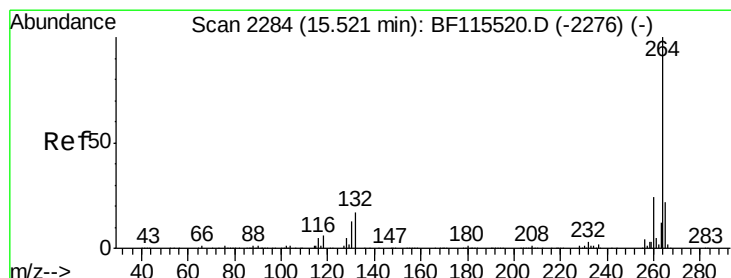
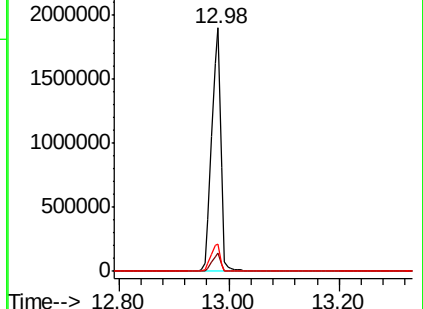
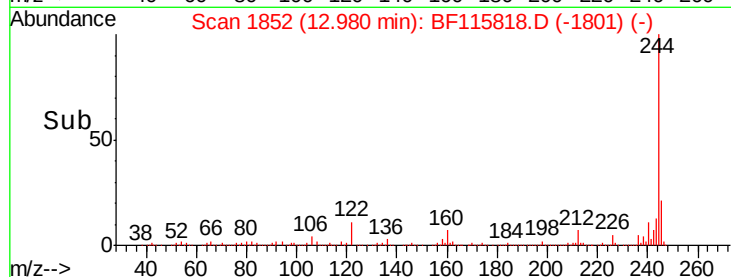
122 11.0 8.2 12.4



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: 15.50 min Scan# 2281

Delta R.T. 0.01 min

Lab File: BF115818.D

Acq: 27 Jul 2019 9:32

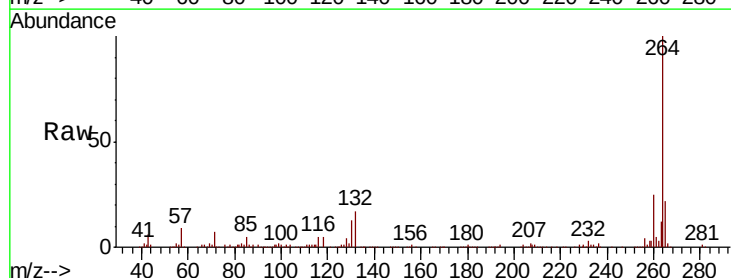
Tgt Ion:264 Resp: 438566

Ion Ratio Lower Upper

264 100

260 24.7 19.8 29.6

265 21.8 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

