

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092019\
 Data File : BF117192.D
 Acq On : 20 Sep 2019 18:17
 Operator : HP/JU
 Sample : PB123274TB
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB123274TB

Quant Time: Sep 21 01:00:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	39917	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	157778	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	92234	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	155778	20.00	ng	0.00
76) Chrysene-d12	13.98	240	109363	20.00	ng	0.00
87) Perylene-d12	15.43	264	85774	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	356319	139.36	ng	0.02
7) Phenol-d6	6.46	99	477622	144.55	ng	0.00
23) Nitrobenzene-d5	7.38	82	313140	104.28	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	130267	168.99	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	632436	107.21	ng	0.00
79) Terphenyl-d14	12.93	244	694033	118.62	ng	0.01

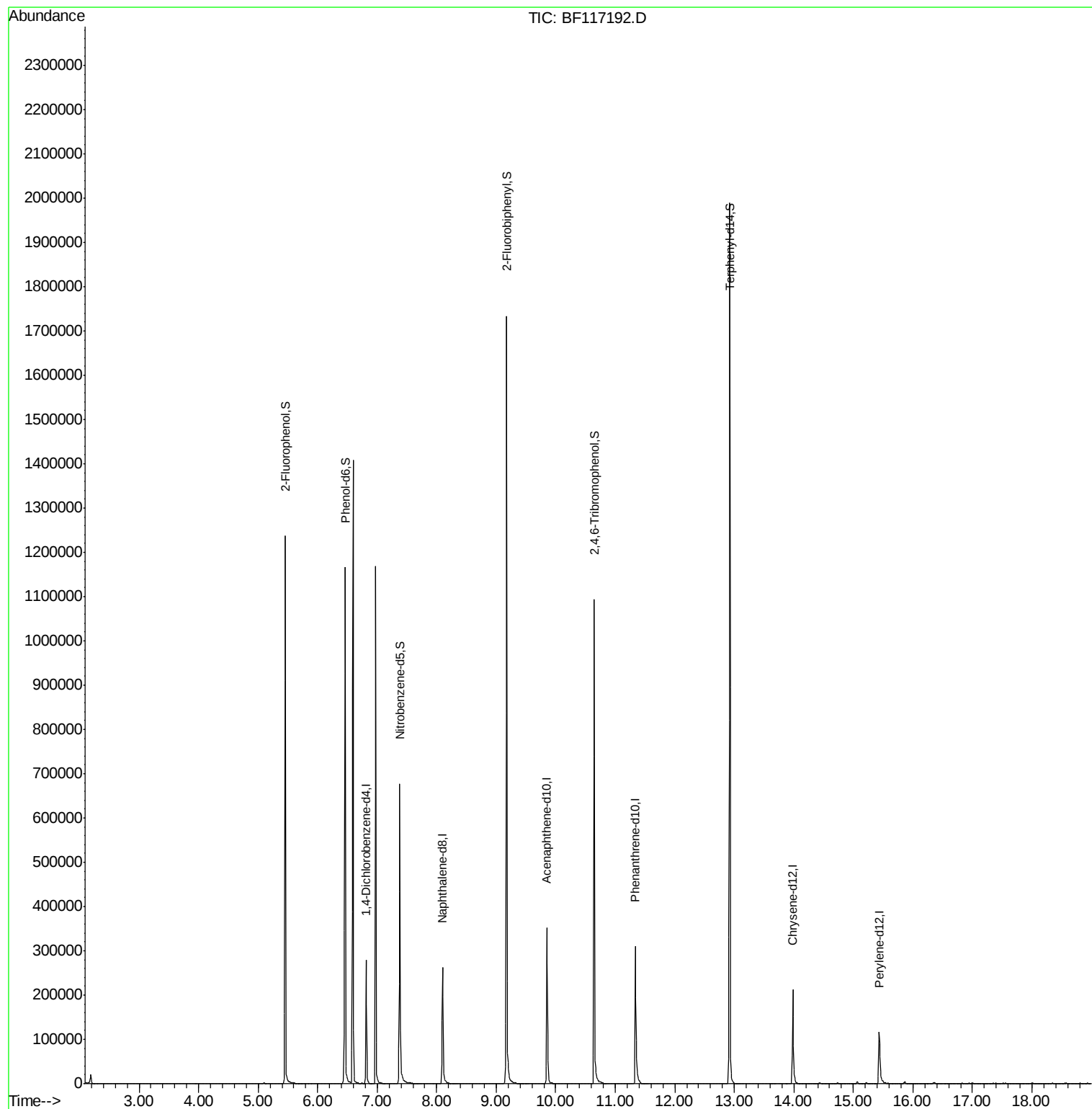
Target Compounds Qvalue

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092019\
Data File : BF117192.D
Acq On : 20 Sep 2019 18:17
Operator : HP/JU
Sample : PB123274TB
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB123274TB

Quant Time: Sep 21 01:00:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration

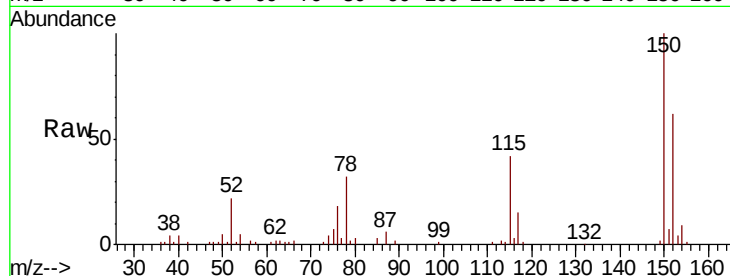




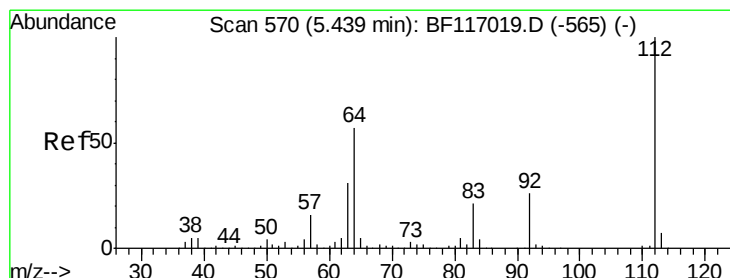
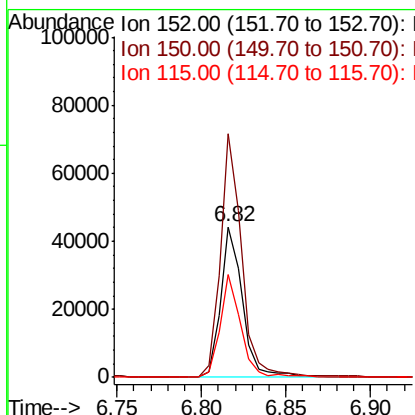
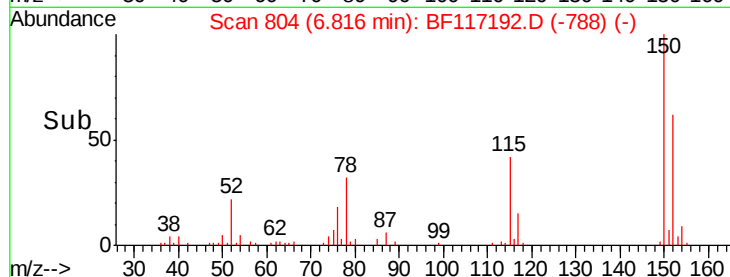
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF117192.D
 Acq: 20 Sep 2019 18:17

Instrument :
 BNA_F
 ClientSampleId :
 PB123274TB

Tot Ion:152 Resp: 39917
 Ion Ratio Lower Upper
 152 100
 150 161.9 127.5 191.3
 115 68.5 55.0 82.4

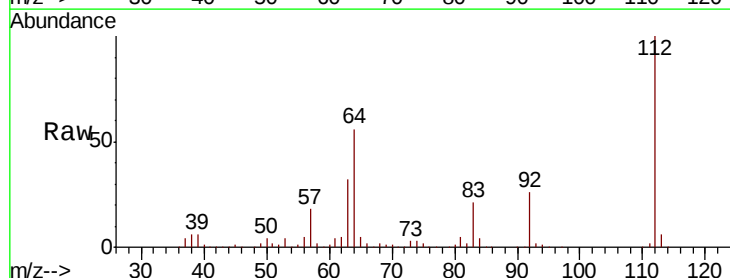


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

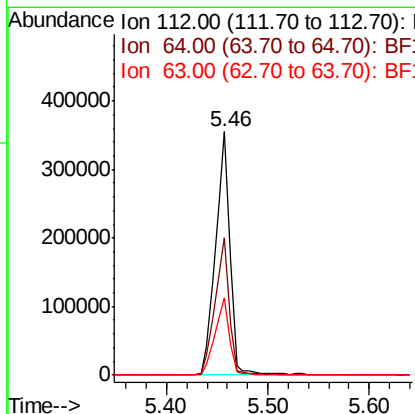
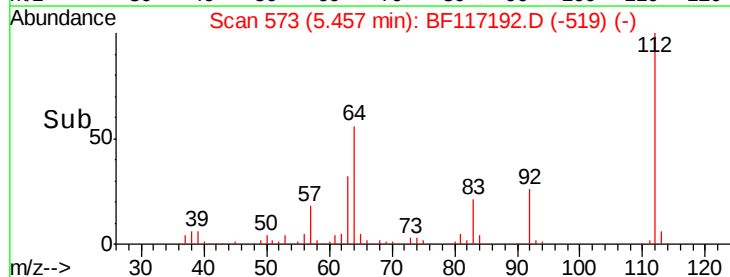


#5
 2-Fluorophenol
 Concen: 139.365 ng
 RT: 5.46 min Scan# 573
 Delta R.T. 0.02 min
 Lab File: BF117192.D
 Acq: 20 Sep 2019 18:17

Tgt Ion:112 Resp: 356319
 Ion Ratio Lower Upper
 112 100
 64 56.4 45.7 68.5
 63 31.8 24.9 37.3



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: 144.549 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF117192.D

Acq: 20 Sep 2019 18:17

Instrument :

BNA_F

ClientSampled :

PB123274TB

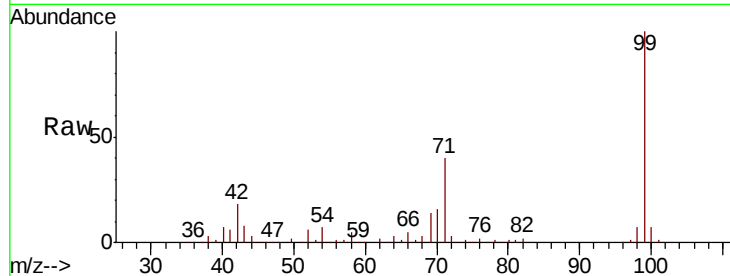
Tot Ion: 99 Resp: 477622

Ion Ratio Lower Upper

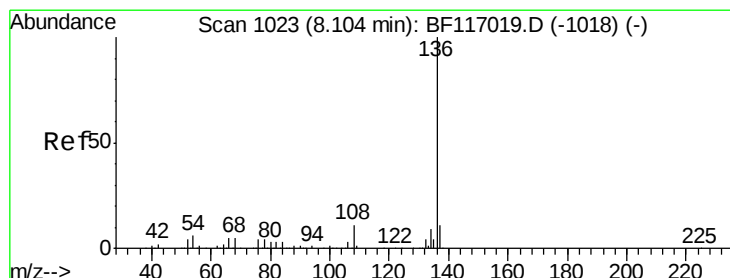
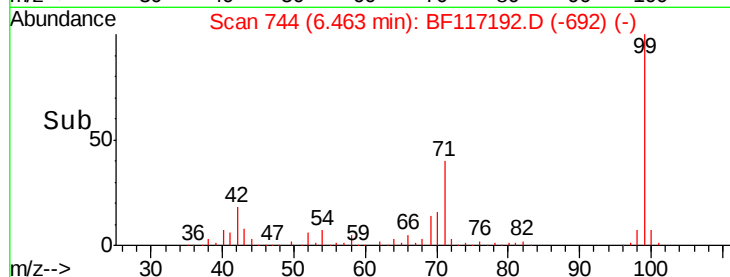
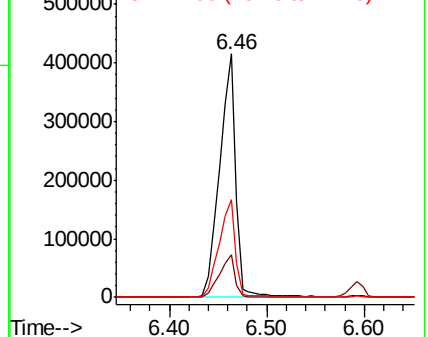
99 100

42 17.6 12.2 18.2

71 40.1 29.8 44.8



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: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF117192.D

Acq: 20 Sep 2019 18:17

Tgt Ion: 136 Resp: 157778

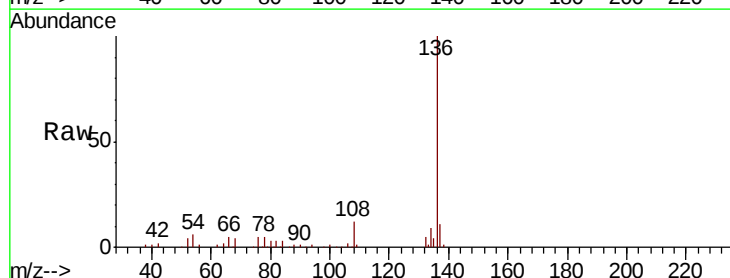
Ion Ratio Lower Upper

136 100

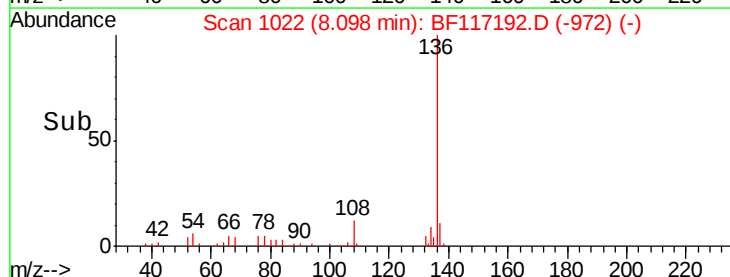
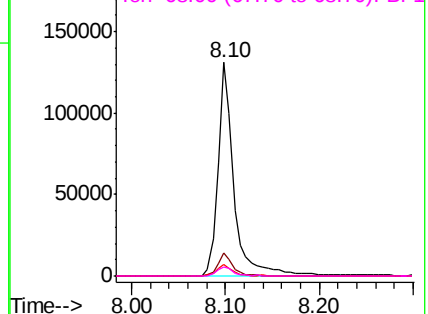
137 11.1 9.0 13.4

54 5.5 4.5 6.7

68 4.0 4.0 6.0



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

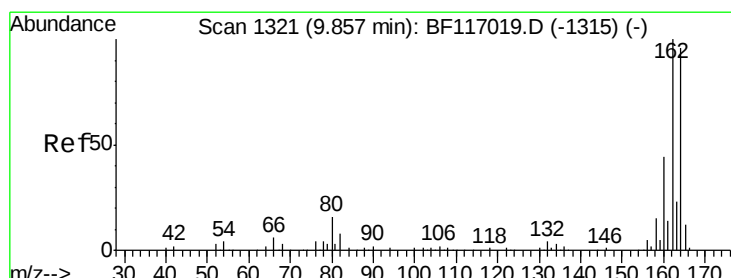
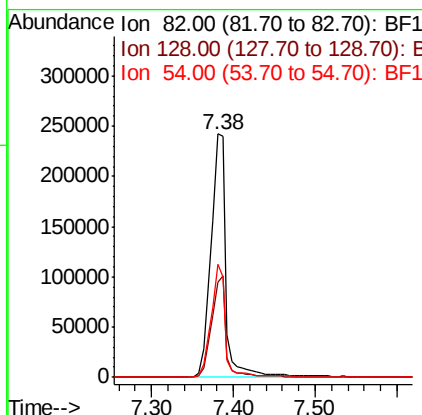
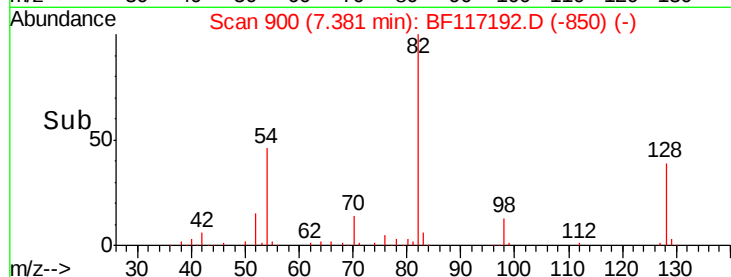
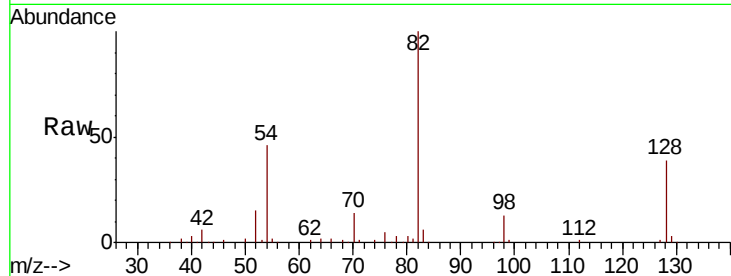




#23
 Nitrobenzene-d5
 Concen: 104.280 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF117192.D
 Acq: 20 Sep 2019 18:17

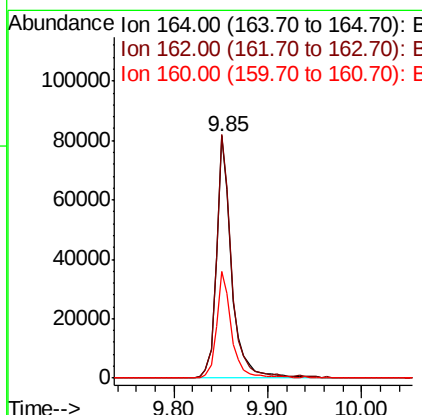
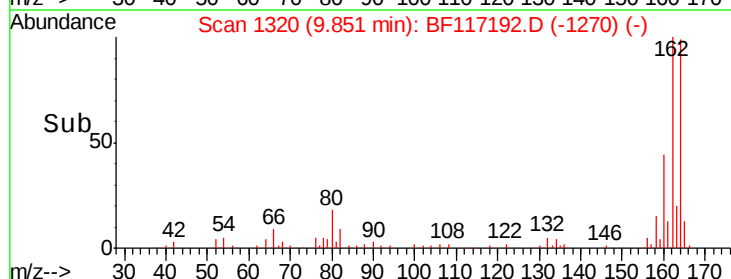
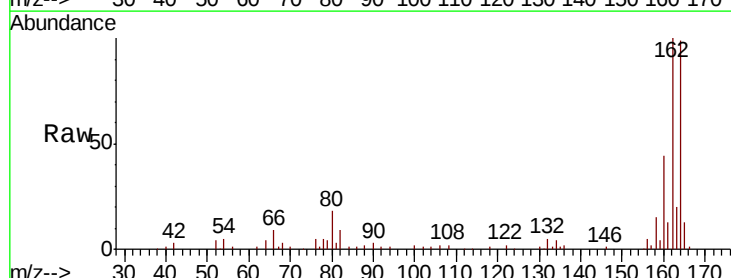
Instrument :
 BNA_F
 ClientSampleId :
 PB123274TB

Tot Ion	82	Resp	313140
Ion Ratio	100	Lower	Upper
128	39.3	32.3	48.5
54	46.2	33.3	49.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF117192.D
 Acq: 20 Sep 2019 18:17

Tgt Ion	164	Resp	92234
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	100.7	83.4	125.2
160	44.1	36.4	54.6

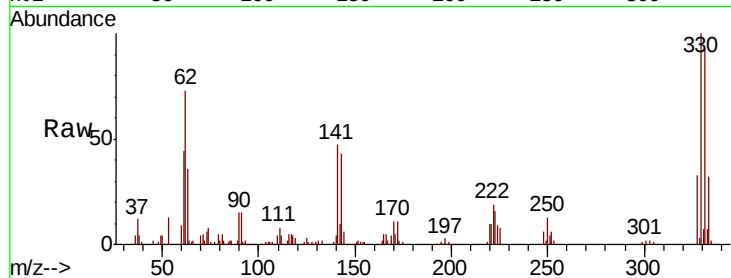




#42
 2,4,6-Tribromophenol
 Concen: 168.988 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.00 min
 Lab File: BF117192.D
 Acq: 20 Sep 2019 18:17

Instrument :
 BNA_F
 ClientSampleId :
 PB123274TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.2	78.0	117.0
141	43.5	35.8	53.6

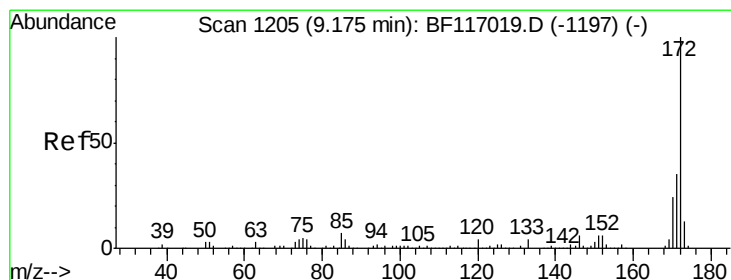
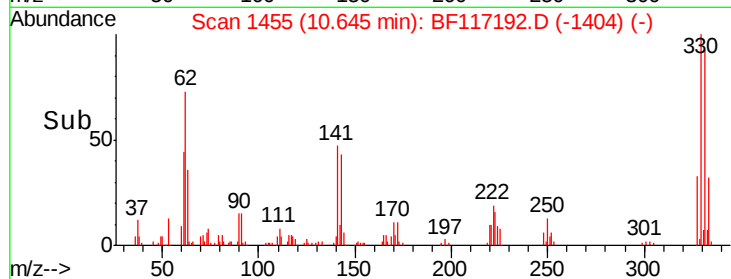
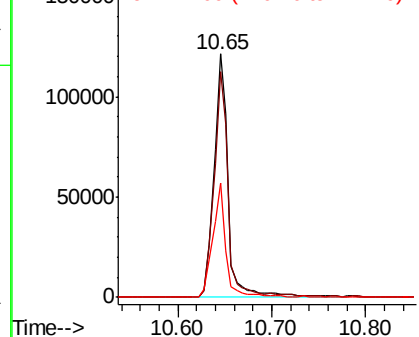


Abundance

Ion 329.80 (329.50 to 330.50): E

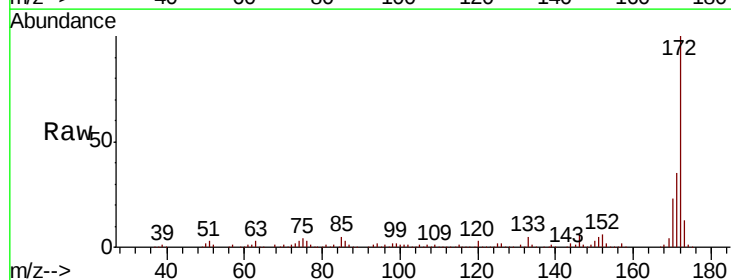
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 107.212 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF117192.D
 Acq: 20 Sep 2019 18:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.2	42.2
170	22.9	18.9	28.3

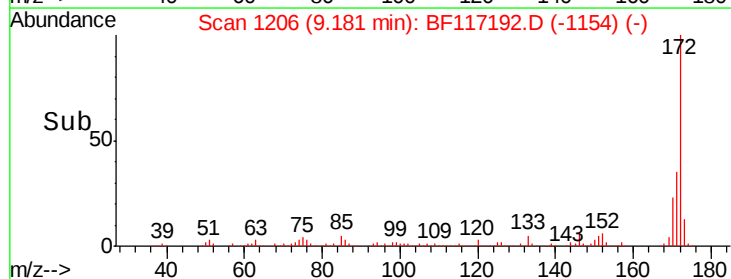
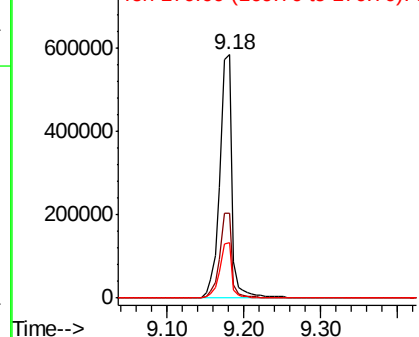


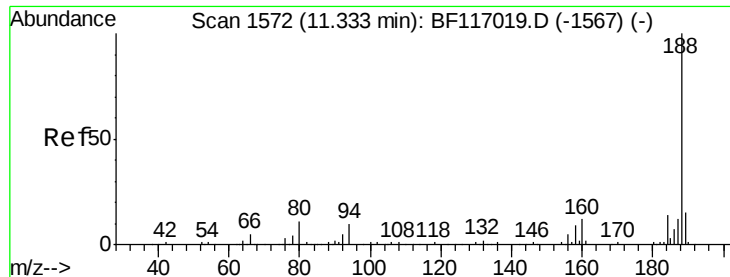
Abundance

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: 11.34 min Scan# 1573

Delta R.T. 0.01 min

Lab File: BF117192.D

Acq: 20 Sep 2019 18:17

Instrument :

BNA_F

ClientSampleId :

PB123274TB

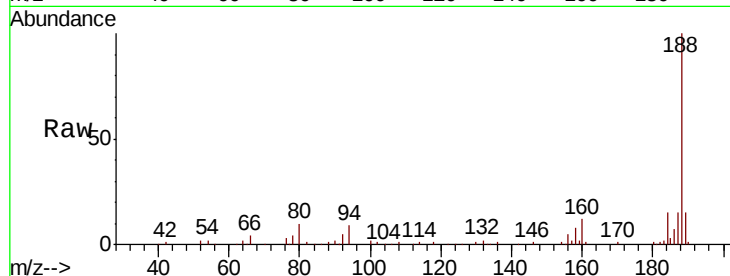
Tot Ion:188 Resp: 155778

Ion Ratio Lower Upper

188 100

94 8.5 8.2 12.2

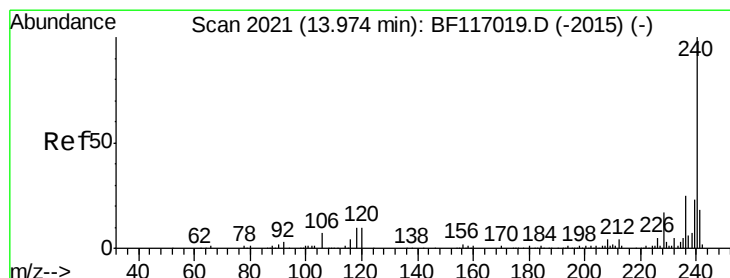
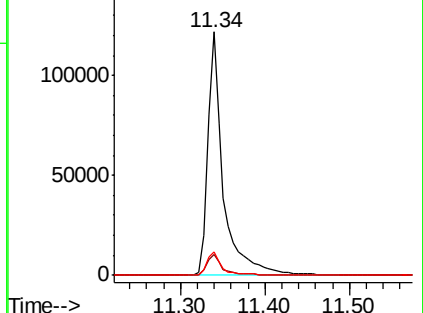
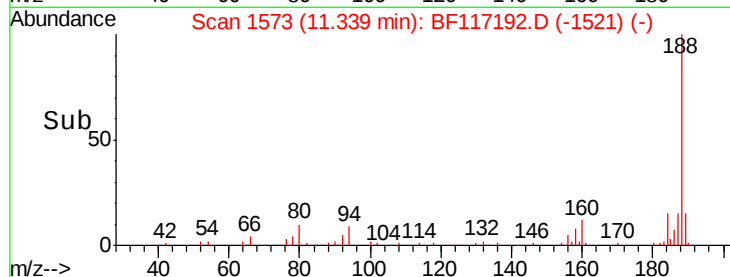
80 9.6 9.0 13.6



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: 13.98 min Scan# 2022

Delta R.T. 0.01 min

Lab File: BF117192.D

Acq: 20 Sep 2019 18:17

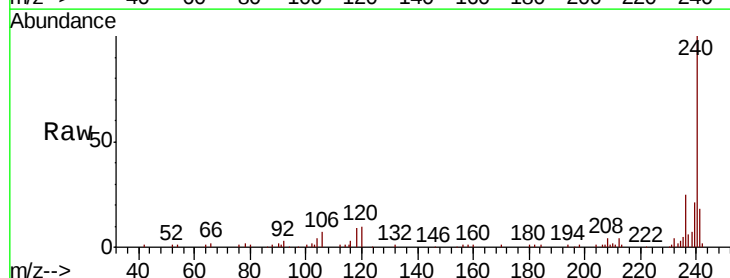
Tgt Ion:240 Resp: 109363

Ion Ratio Lower Upper

240 100

120 10.0 8.3 12.5

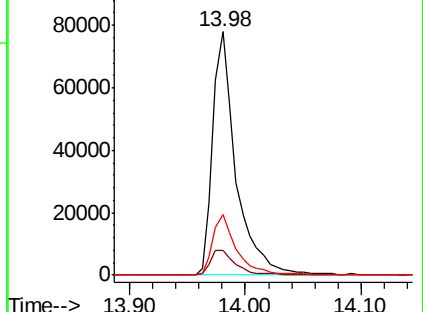
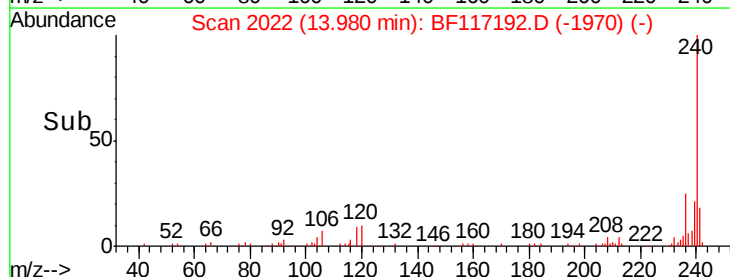
236 25.1 20.3 30.5

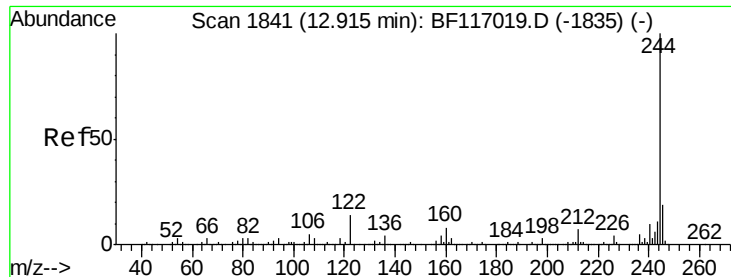


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 118.623 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF117192.D

Acq: 20 Sep 2019 18:17

Instrument :

BNA_F

ClientSampleId :

PB123274TB

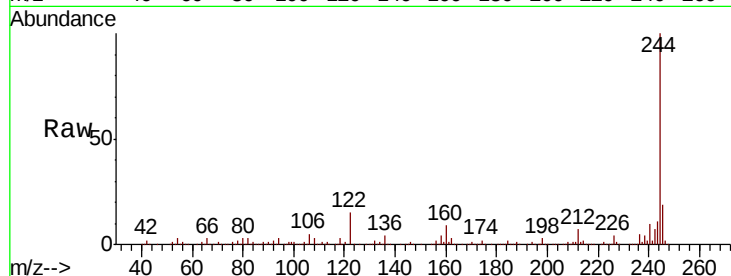
Tot Ion:244 Resp: 694033

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

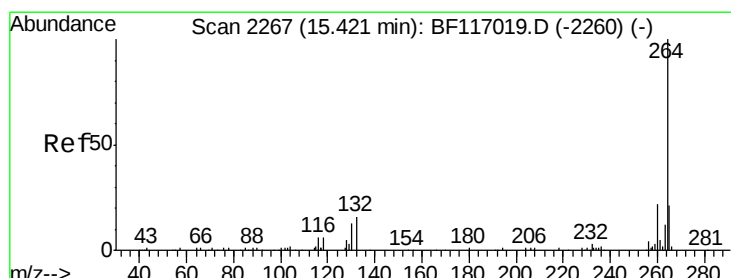
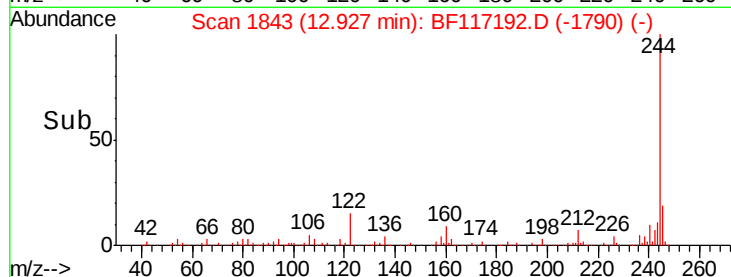
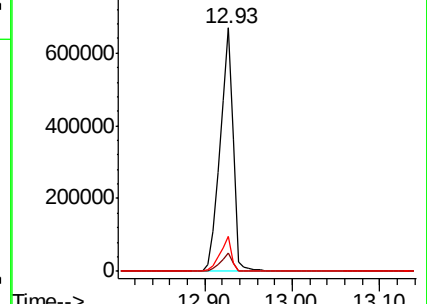
122 14.6 11.3 16.9



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: 15.43 min Scan# 2269

Delta R.T. 0.01 min

Lab File: BF117192.D

Acq: 20 Sep 2019 18:17

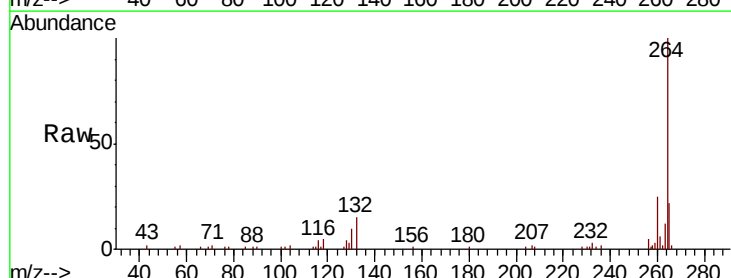
Tgt Ion:264 Resp: 85774

Ion Ratio Lower Upper

264 100

260 24.7 17.6 26.4

265 21.7 16.6 24.8



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

