

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092019\
 Data File : BF117193.D
 Acq On : 20 Sep 2019 18:43
 Operator : HP/JU
 Sample : PB123268BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB123268BL

Quant Time: Sep 21 01:02:11 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	39637	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	161848	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	90682	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	159987	20.00	ng	0.00
76) Chrysene-d12	13.98	240	112349	20.00	ng	0.00
87) Perylene-d12	15.43	264	89430	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	290420	114.39	ng	0.02
7) Phenol-d6	6.46	99	402878	122.79	ng	0.00
23) Nitrobenzene-d5	7.38	82	258389	83.88	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	104518	137.91	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	524607	90.45	ng	0.00
79) Terphenyl-d14	12.93	244	585013	97.33	ng	0.01

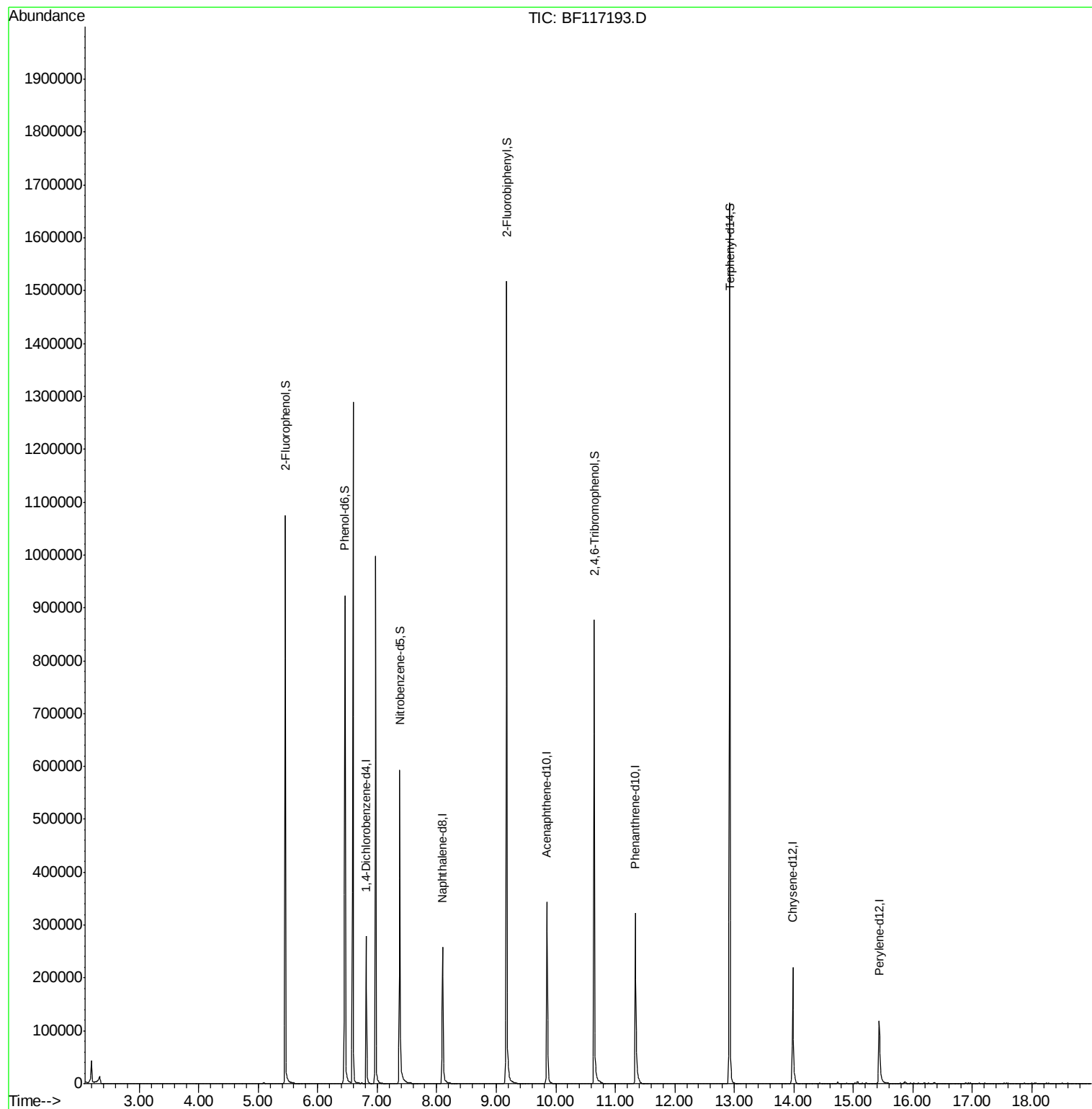
Target Compounds Qvalue

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

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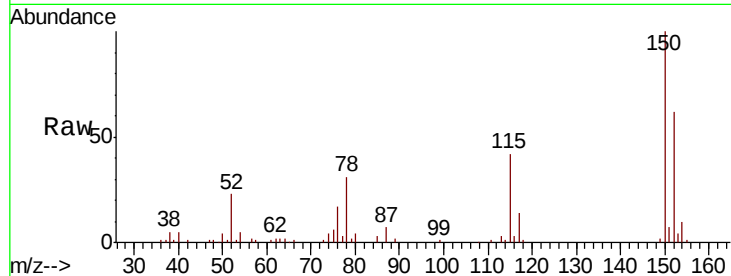




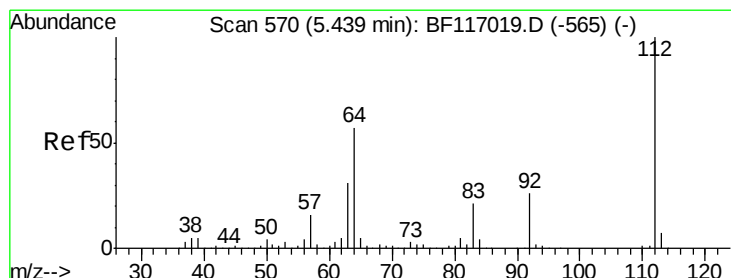
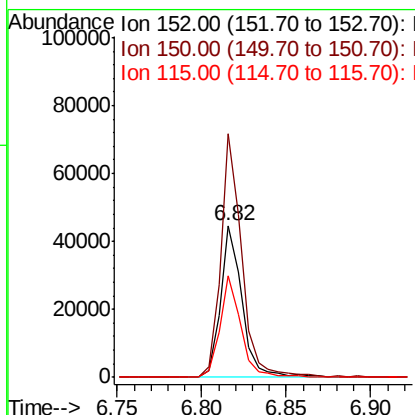
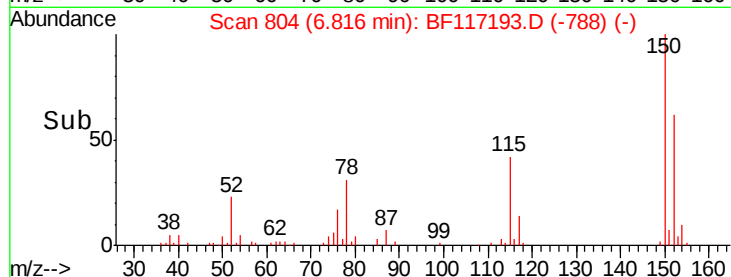
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF117193.D
 Acq: 20 Sep 2019 18:43

Instrument :
 BNA_F
 ClientSampleId :
 PB123268BL

Tot Ion:152 Resp: 39637
 Ion Ratio Lower Upper
 152 100
 150 160.7 127.5 191.3
 115 66.8 55.0 82.4

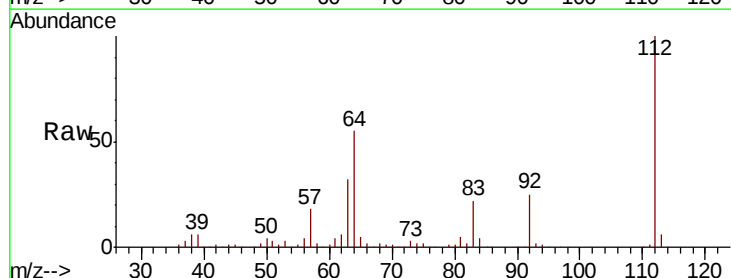


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

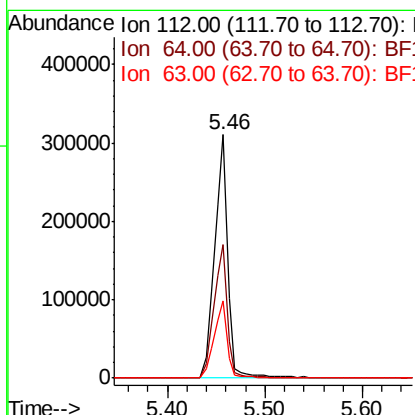
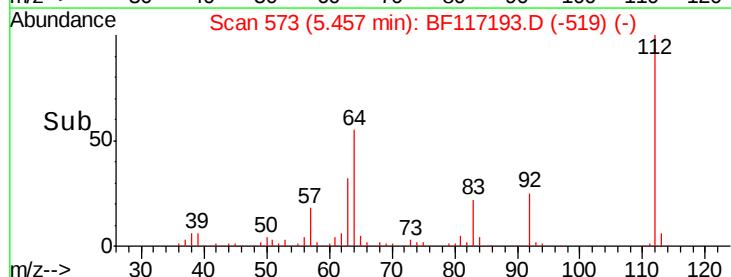


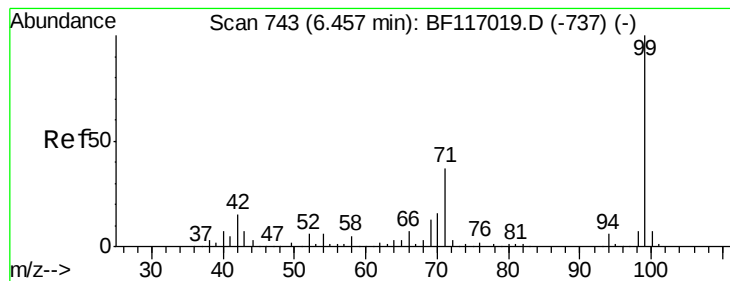
#5
 2-Fluorophenol
 Concen: 114.392 ng
 RT: 5.46 min Scan# 573
 Delta R.T. 0.02 min
 Lab File: BF117193.D
 Acq: 20 Sep 2019 18:43

Tgt Ion:112 Resp: 290420
 Ion Ratio Lower Upper
 112 100
 64 54.9 45.7 68.5
 63 31.7 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: 122.789 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF117193.D

Acq: 20 Sep 2019 18:43

Instrument :

BNA_F

ClientSampleId :

PB123268BL

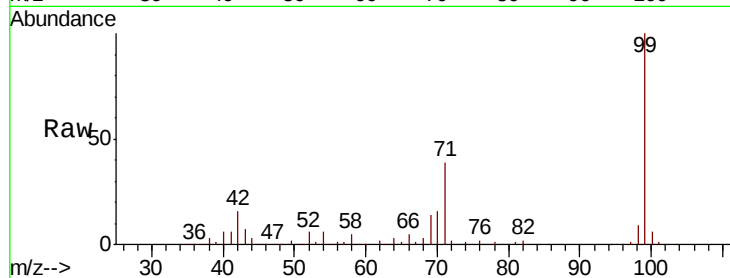
Tot Ion: 99 Resp: 402878

Ion Ratio Lower Upper

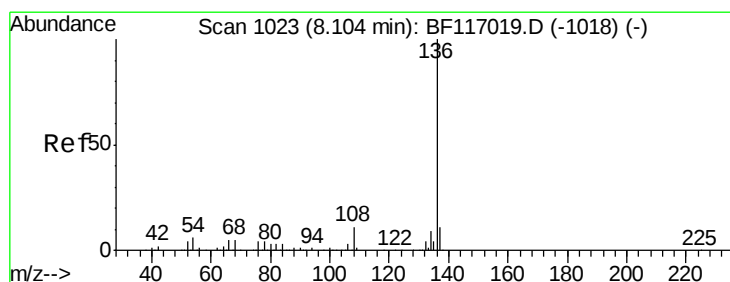
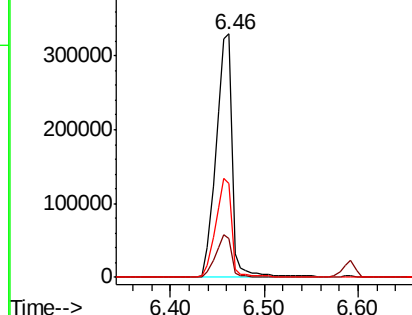
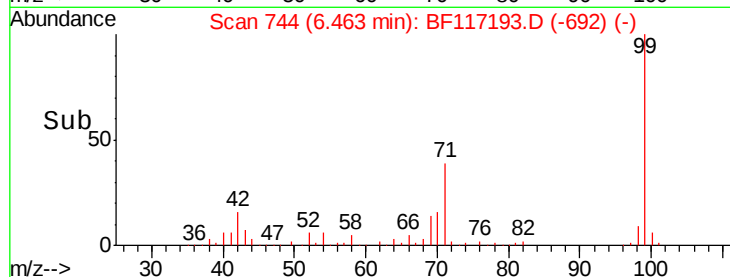
99 100

42 16.0 12.2 18.2

71 38.7 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: BF117193.D

Acq: 20 Sep 2019 18:43

Tgt Ion: 136 Resp: 161848

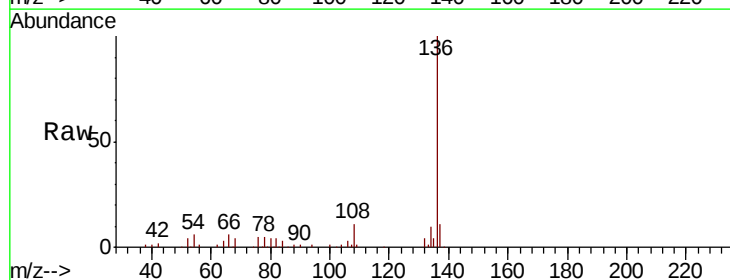
Ion Ratio Lower Upper

136 100

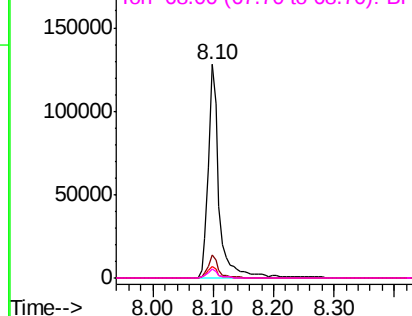
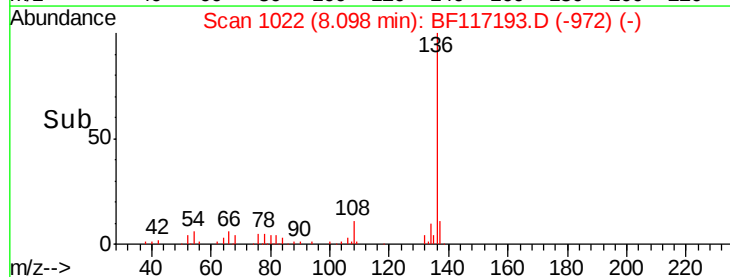
137 10.9 9.0 13.4

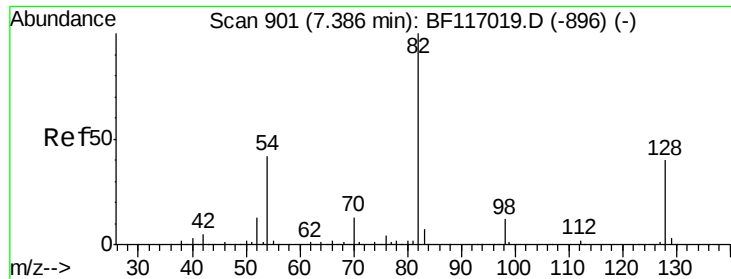
54 5.6 4.5 6.7

68 4.1 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

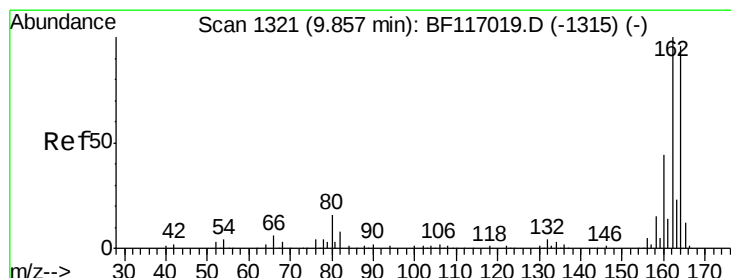
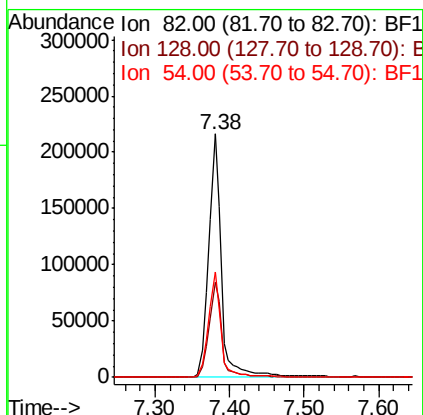
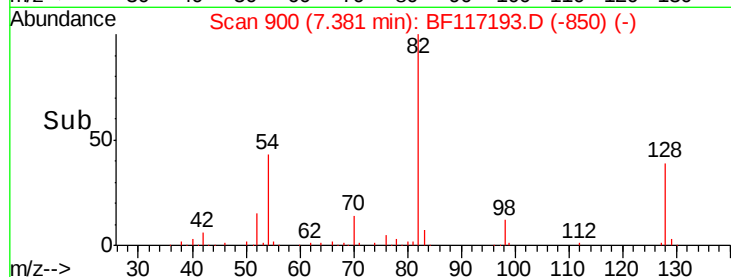
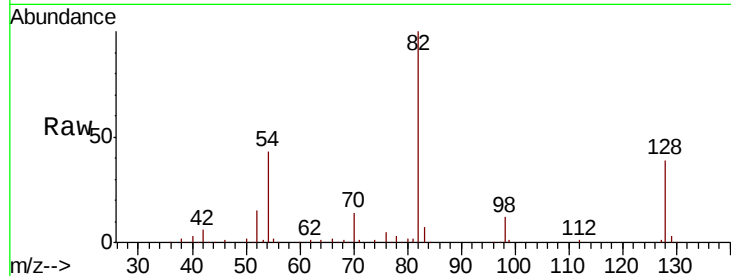




#23
Nitrobenzene-d5
Concen: 83.884 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF117193.D
Acq: 20 Sep 2019 18:43

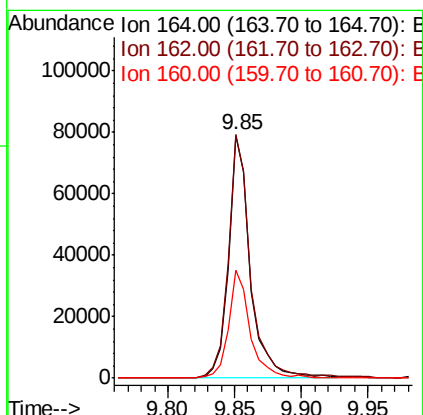
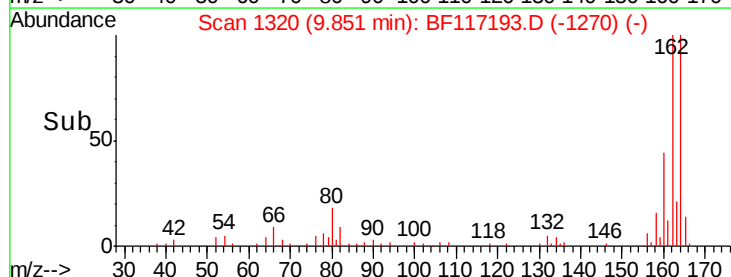
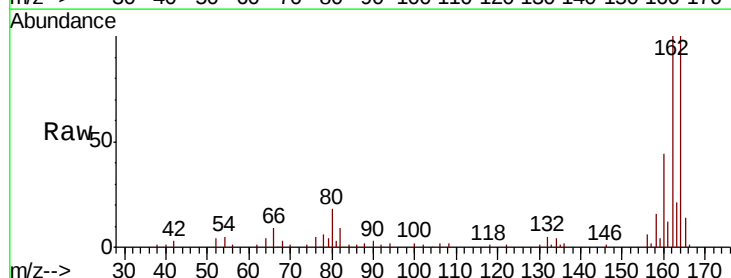
Instrument :
BNA_F
ClientSampleId :
PB123268BL

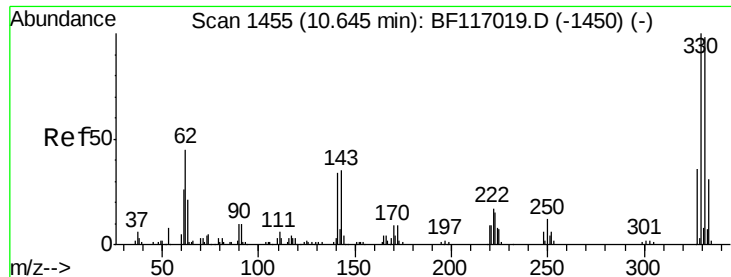
Tot Ion	82	Resp	258389
Ion Ratio	100	Lower	Upper
128	39.0	32.3	48.5
54	43.2	33.3	49.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF117193.D
Acq: 20 Sep 2019 18:43

Tgt Ion	164	Resp	90682
Ion Ratio	100	Lower	Upper
162	100.3	83.4	125.2
160	44.4	36.4	54.6





#42

2,4,6-Tribromophenol

Concen: 137.906 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.00 min

Lab File: BF117193.D

Acq: 20 Sep 2019 18:43

Instrument :

BNA_F

ClientSampleId :

PB123268BL

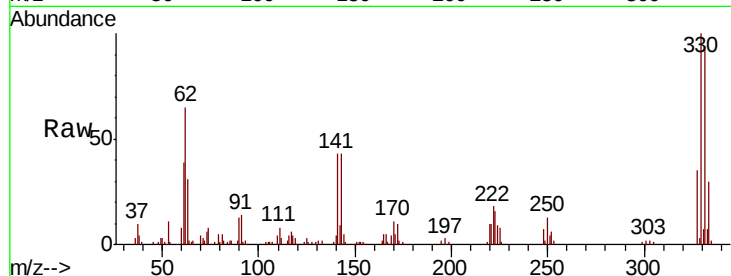
Tot Ion:330 Resp: 104518

Ion Ratio Lower Upper

330 100

332 93.4 78.0 117.0

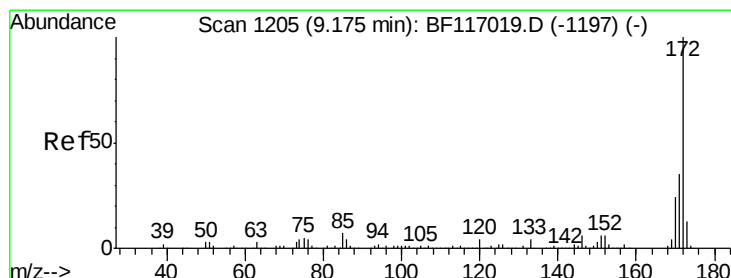
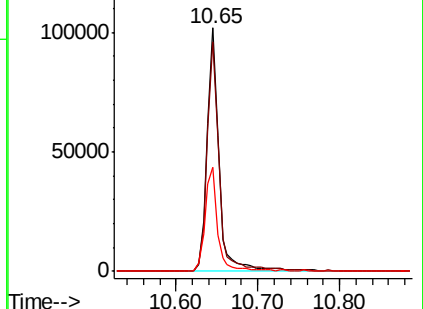
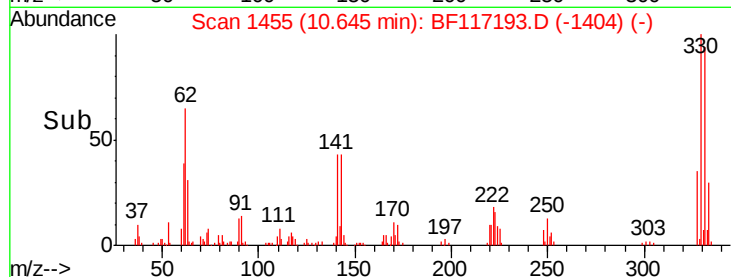
141 44.7 35.8 53.6



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: 90.455 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF117193.D

Acq: 20 Sep 2019 18:43

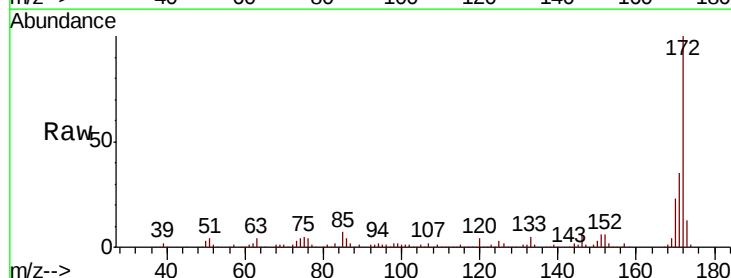
Tgt Ion:172 Resp: 524607

Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

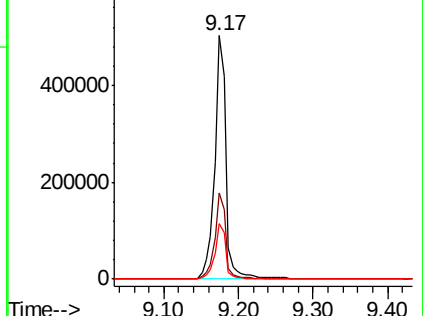
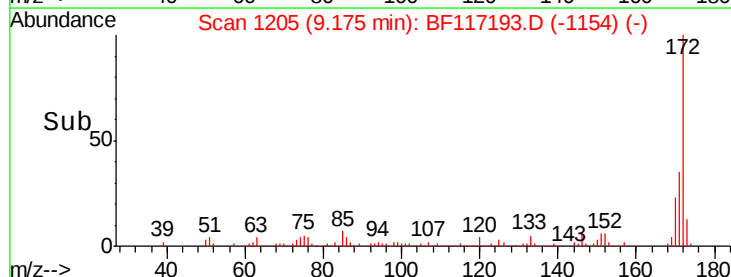
170 22.9 18.9 28.3

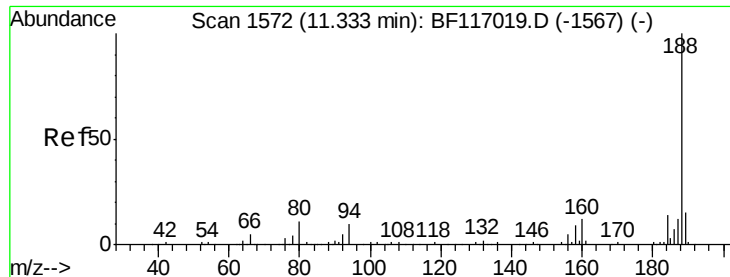


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

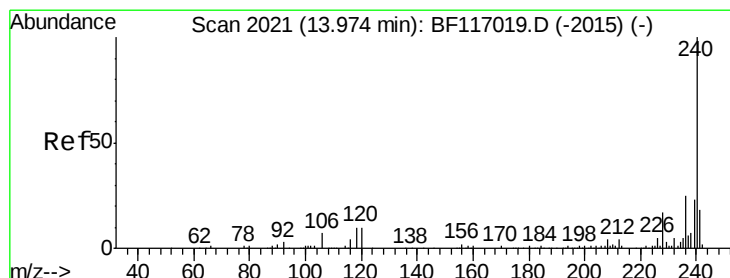
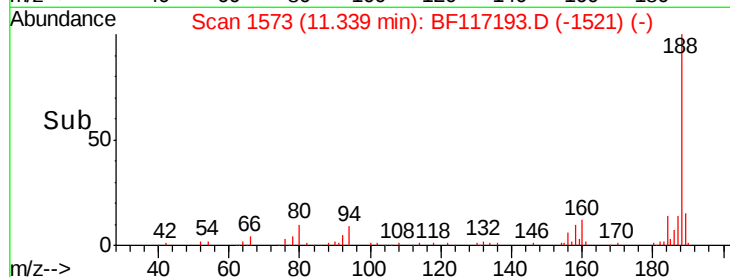
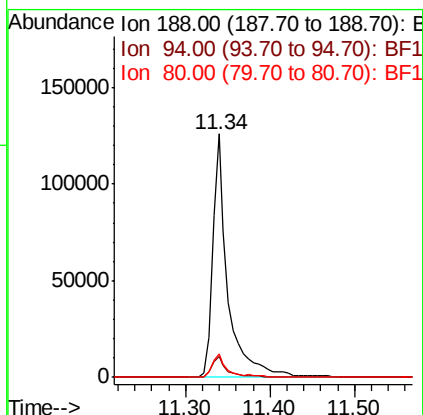
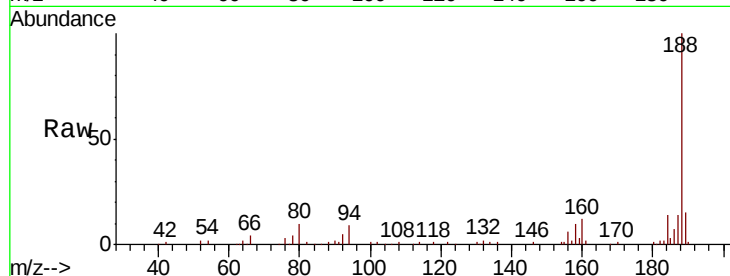




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF117193.D
Acq: 20 Sep 2019 18:43

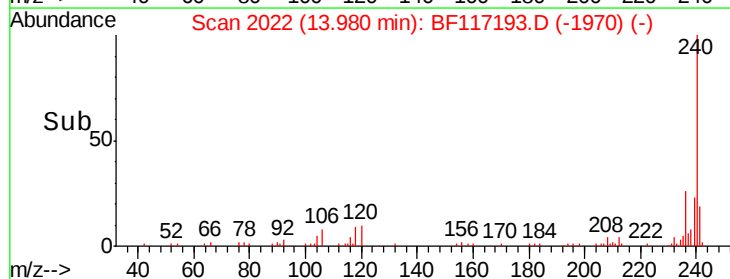
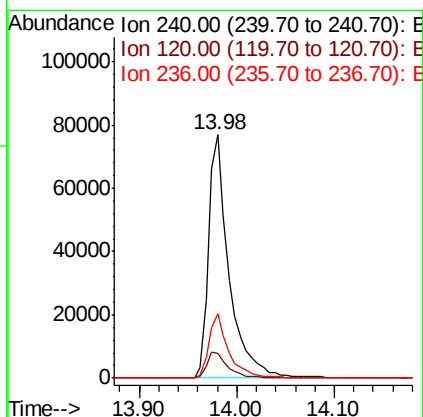
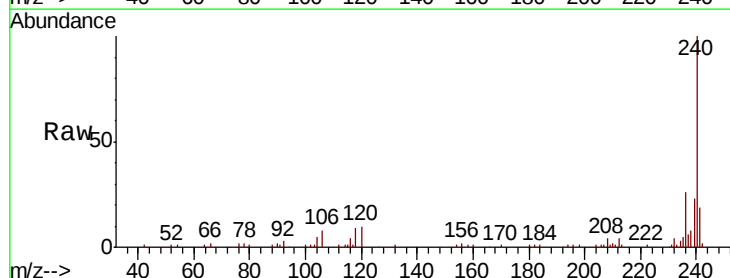
Instrument :
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ClientSampleId :
PB123268BL

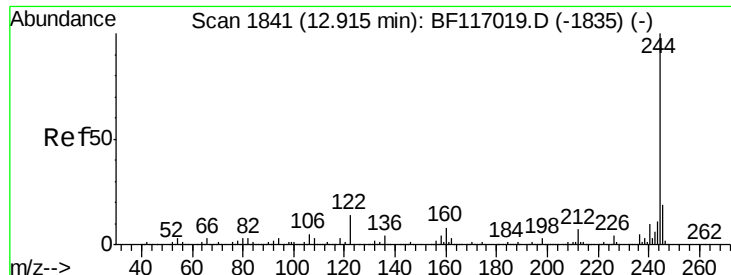
Tot Ion:188 Resp: 159987
Ion Ratio Lower Upper
188 100
94 8.8 8.2 12.2
80 9.8 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BF117193.D
Acq: 20 Sep 2019 18:43

Tgt Ion:240 Resp: 112349
Ion Ratio Lower Upper
240 100
120 10.0 8.3 12.5
236 26.5 20.3 30.5

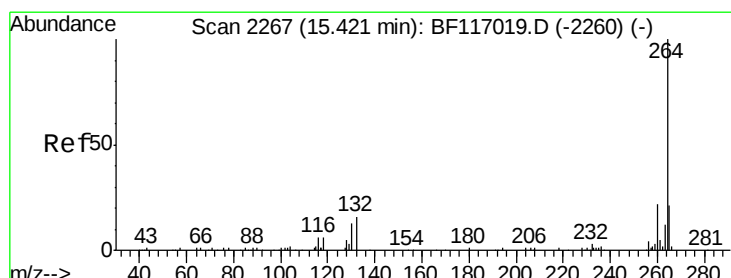
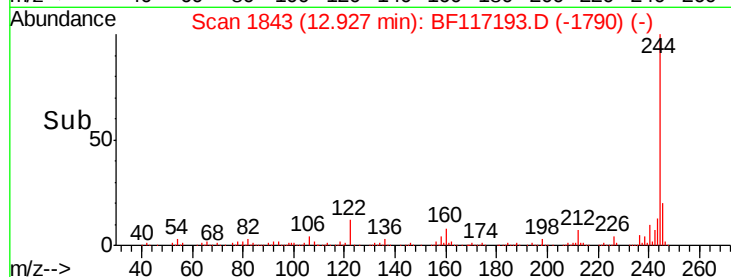
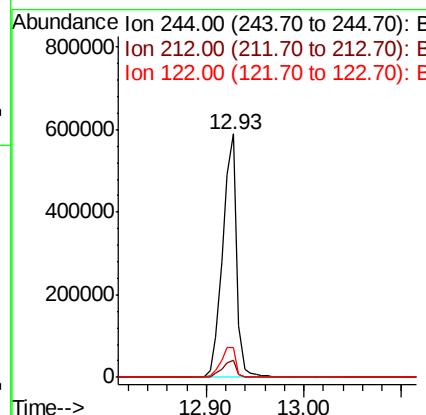
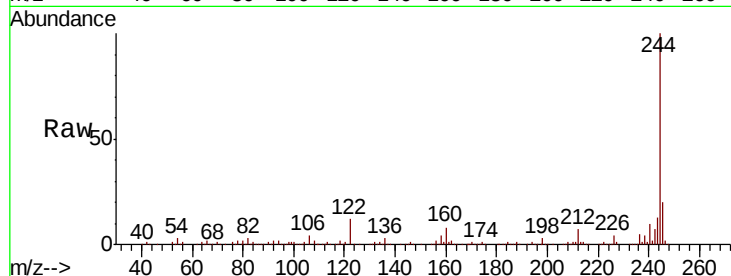




#79
 Terphenyl-d14
 Concen: 97.332 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: BF117193.D
 Acq: 20 Sep 2019 18:43

Instrument :
 BNA_F
 ClientSampleId :
 PB123268BL

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	12.3	11.3	16.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. 0.01 min
 Lab File: BF117193.D
 Acq: 20 Sep 2019 18:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	20.8	17.6	26.4
265	19.6	16.6	24.8

