

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091819\
 Data File : BF117158.D
 Acq On : 18 Sep 2019 21:20
 Operator : HP/JU
 Sample : K4870-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4-12-14

Quant Time: Sep 19 08:07:35 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

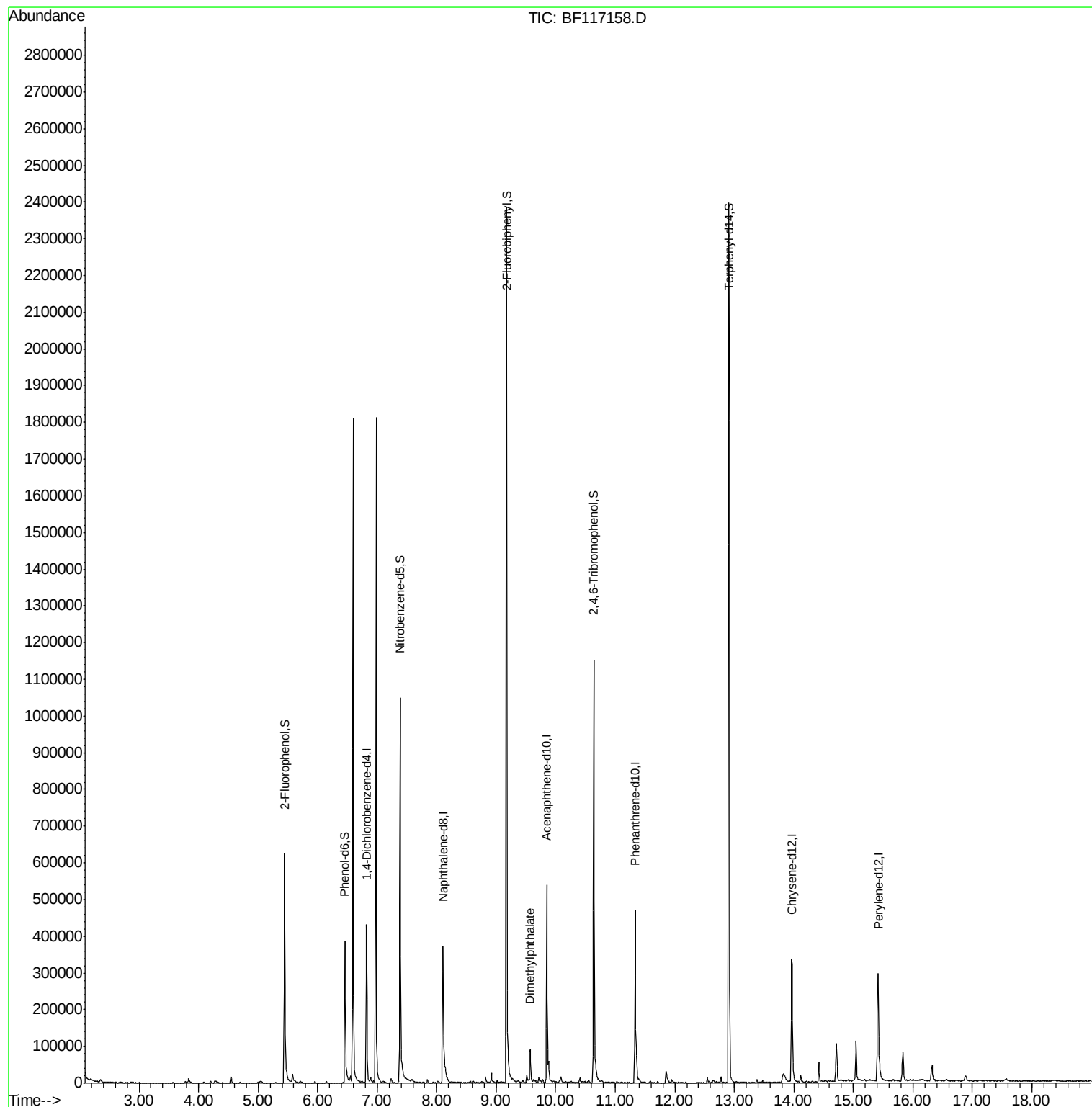
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	69013	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	267616	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	136602	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	222504	20.00	ng	0.00
76) Chrysene-d12	13.96	240	159005	20.00	ng	-0.01
87) Perylene-d12	15.42	264	148658	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	237703	53.77	ng	0.00
7) Phenol-d6	6.46	99	188048	32.92	ng	0.00
23) Nitrobenzene-d5	7.39	82	486159	95.45	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	159636	139.83	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	861437	98.60	ng	0.00
79) Terphenyl-d14	12.91	244	832699	97.89	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.57	163	54910	5.677	ng	Qvalue 99

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

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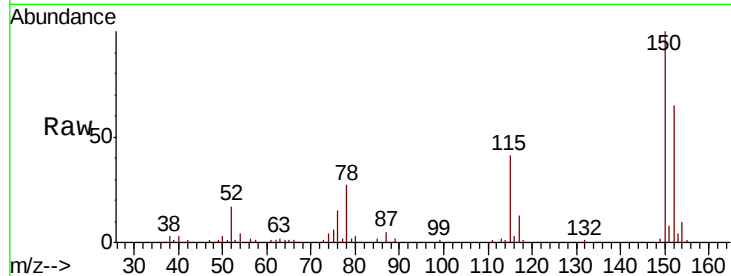


#1

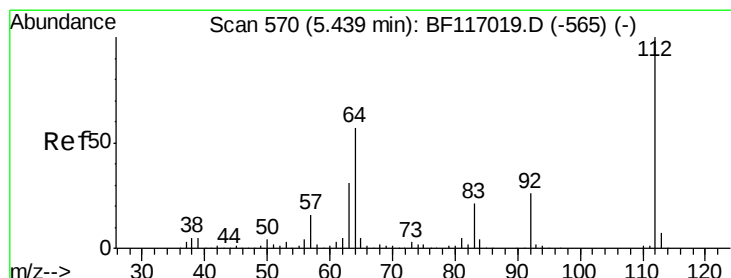
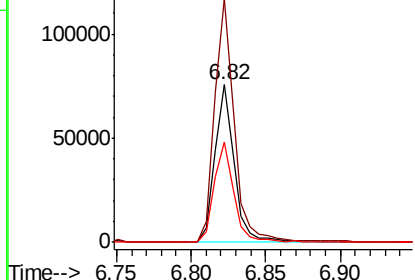
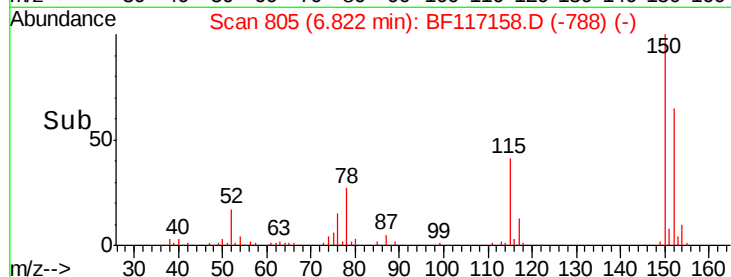
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117158.D
Acq: 18 Sep 2019 21:20

Instrument :
BNA_F
ClientSampleId :
SB-4-12-14

Tot Ion:152 Resp: 69013
Ion Ratio Lower Upper
152 100
150 154.4 127.5 191.3
115 63.7 55.0 82.4



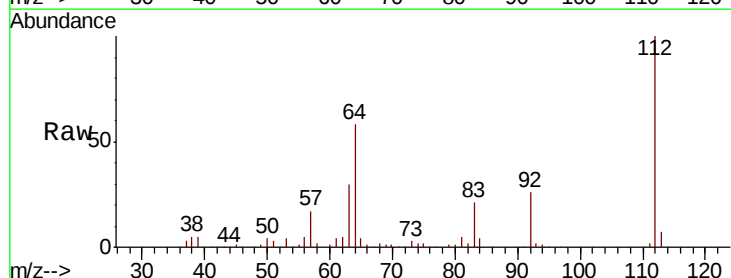
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



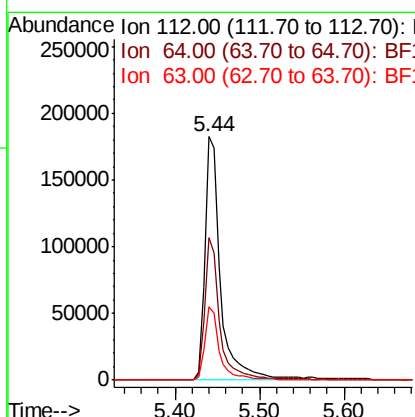
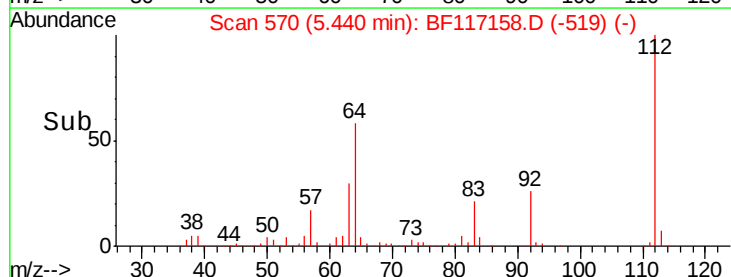
#5

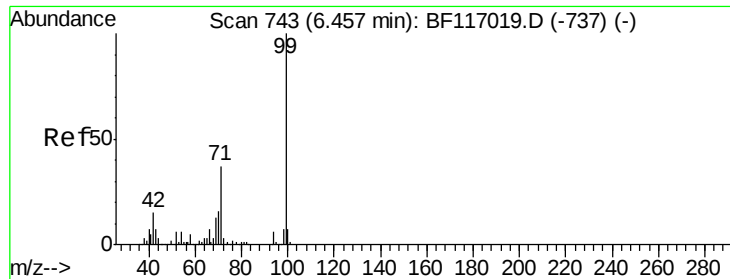
2-Fluorophenol
Concen: 53.774 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF117158.D
Acq: 18 Sep 2019 21:20

Tgt Ion:112 Resp: 237703
Ion Ratio Lower Upper
112 100
64 58.4 45.7 68.5
63 30.4 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: 32.917 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF117158.D

Acq: 18 Sep 2019 21:20

Instrument :

BNA_F

ClientSampleId :

SB-4-12-14

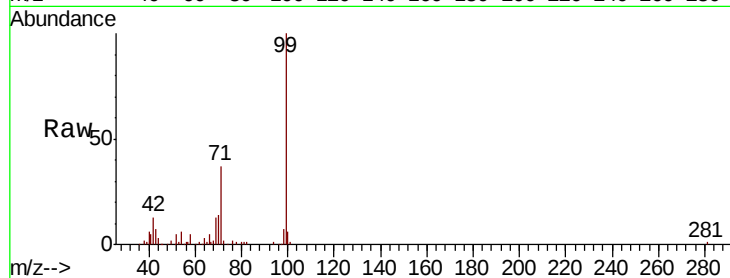
Tot Ion: 99 Resp: 188048

Ion Ratio Lower Upper

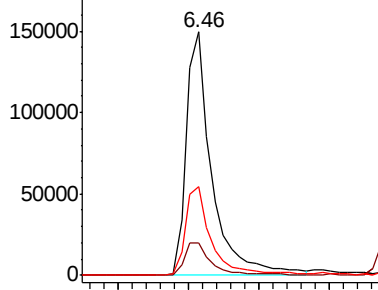
99 100

42 13.2 12.2 18.2

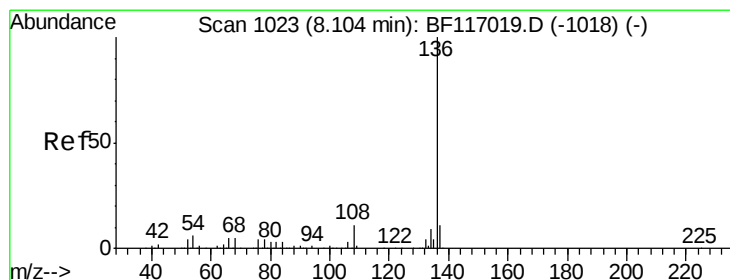
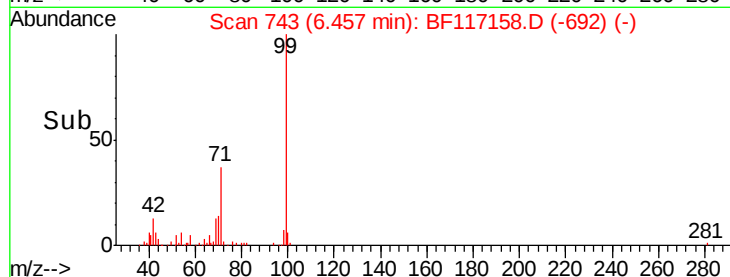
71 36.7 29.8 44.8



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



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF117158.D

Acq: 18 Sep 2019 21:20

Tgt Ion: 136 Resp: 267616

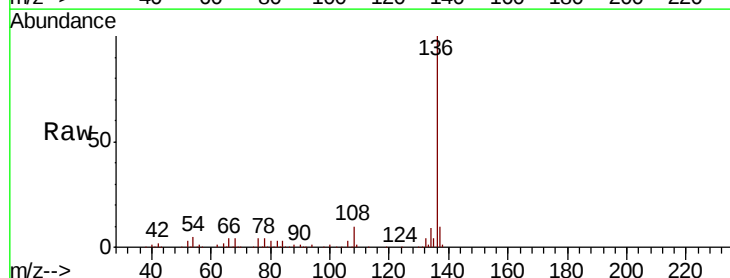
Ion Ratio Lower Upper

136 100

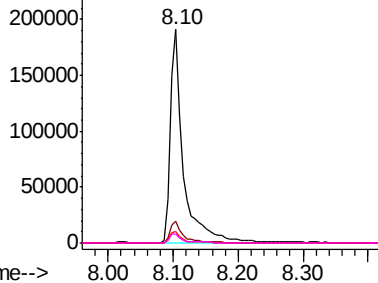
137 10.3 9.0 13.4

54 5.2 4.5 6.7

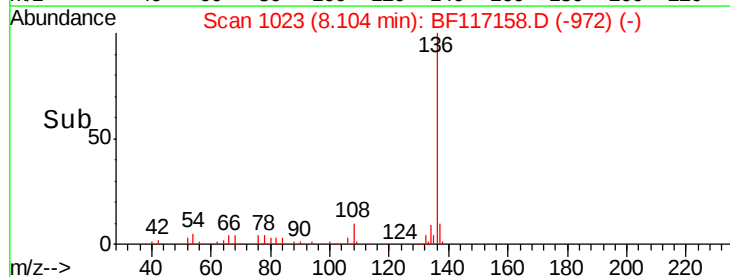
68 4.5 4.0 6.0

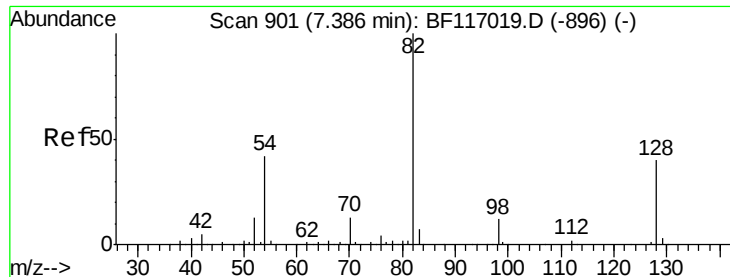


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



Time-->

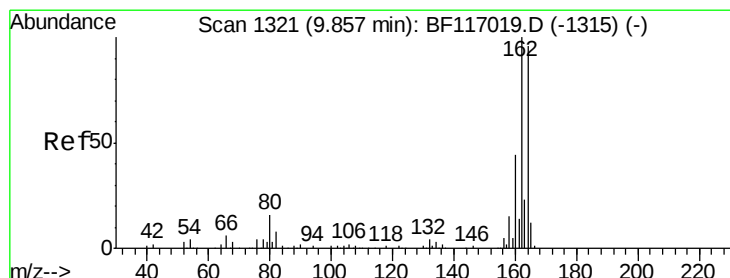
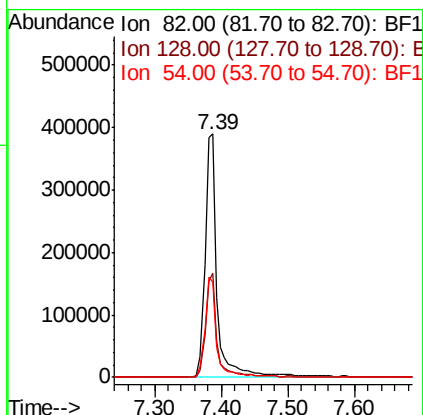
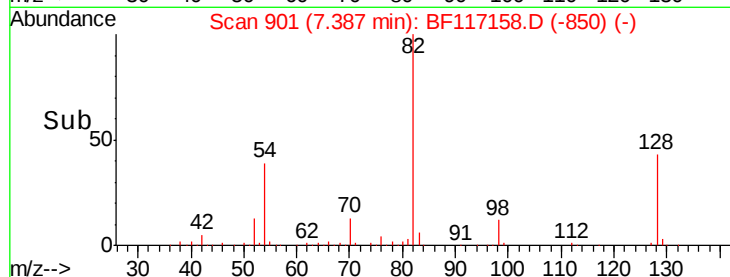
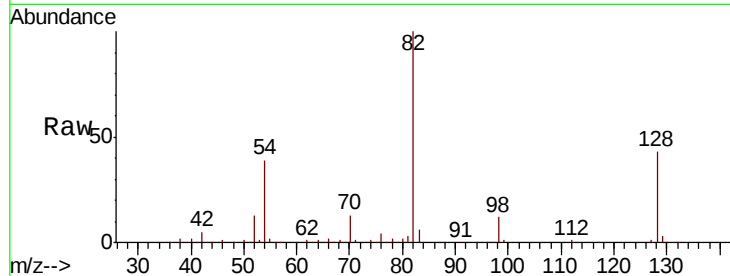




#23
Nitrobenzene-d5
Concen: 95.450 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF117158.D
Acq: 18 Sep 2019 21:20

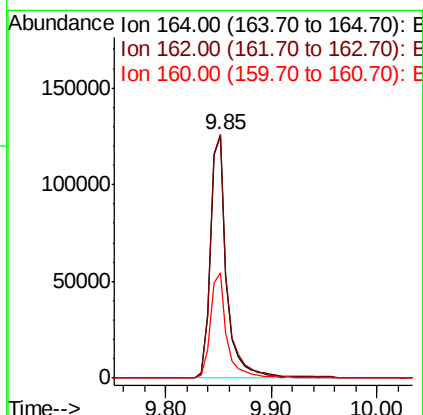
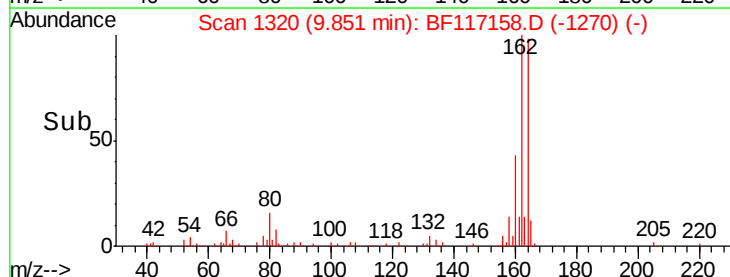
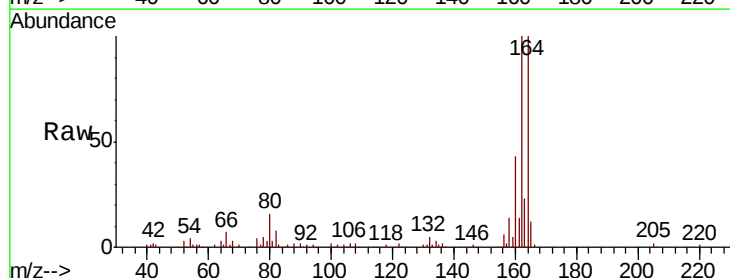
Instrument :
BNA_F
ClientSampleId :
SB-4-12-14

Tot Ion	82	Resp	486159
Ion Ratio	Lower	Upper	
82	100		
128	42.8	32.3	48.5
54	39.1	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: BF117158.D
Acq: 18 Sep 2019 21:20

Tgt Ion	164	Resp	136602
Ion Ratio	Lower	Upper	
164	100		
162	100.5	83.4	125.2
160	43.4	36.4	54.6





#42

2,4,6-Tribromophenol

Concen: 139.826 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF117158.D

Acq: 18 Sep 2019 21:20

Instrument :

BNA_F

ClientSampleId :

SB-4-12-14

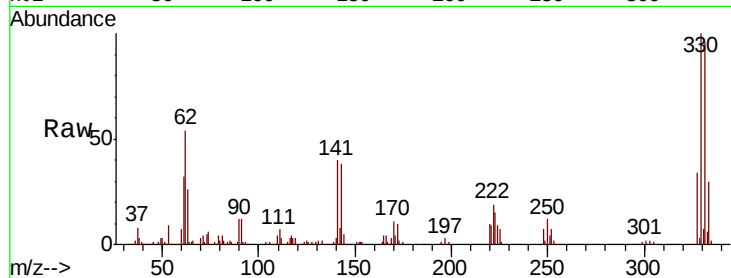
Tot Ion:330 Resp: 159636

Ion Ratio Lower Upper

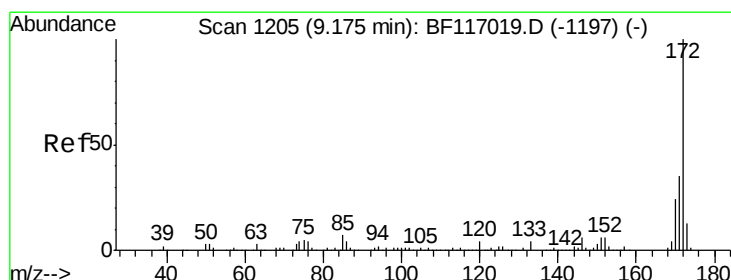
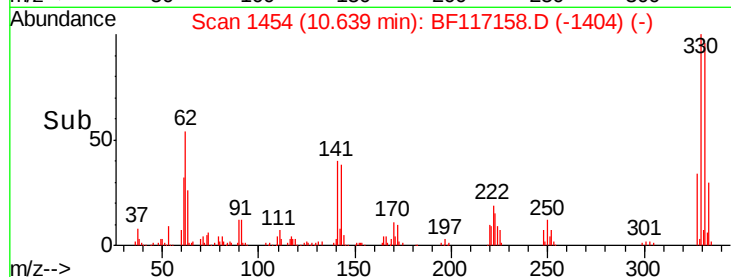
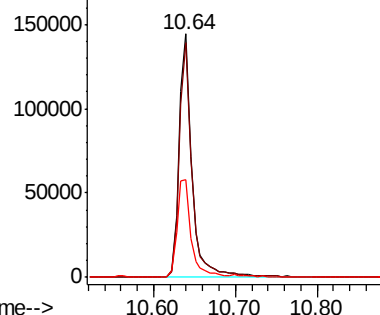
330 100

332 95.5 78.0 117.0

141 45.1 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: 98.602 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF117158.D

Acq: 18 Sep 2019 21:20

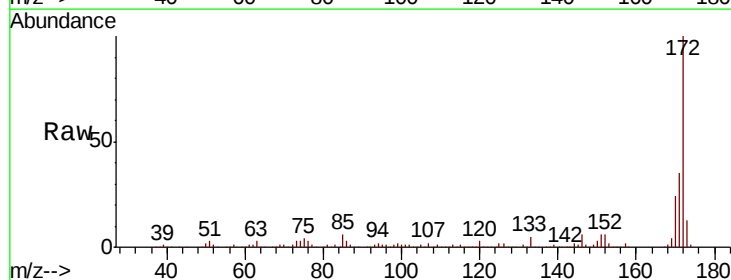
Tgt Ion:172 Resp: 861437

Ion Ratio Lower Upper

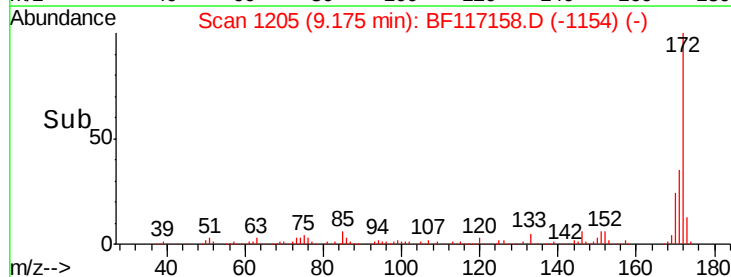
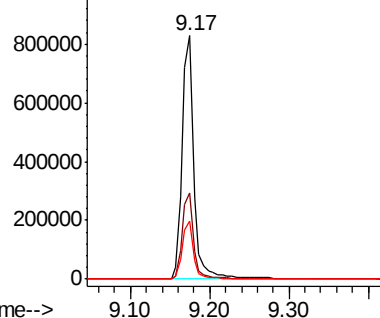
172 100

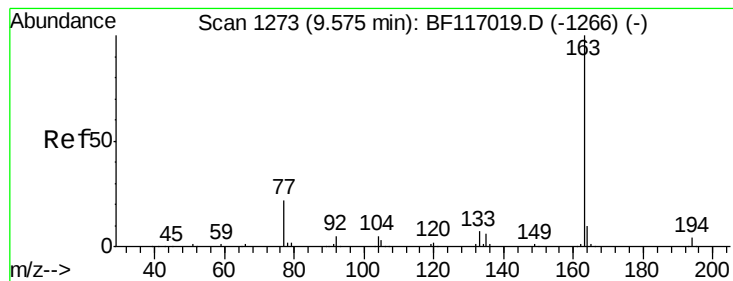
171 35.3 28.2 42.2

170 23.6 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





#50

Dimethylphthalate

Concen: 5.677 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF117158.D

Acq: 18 Sep 2019 21:20

Instrument :

BNA_F

ClientSampleId :

SB-4-12-14

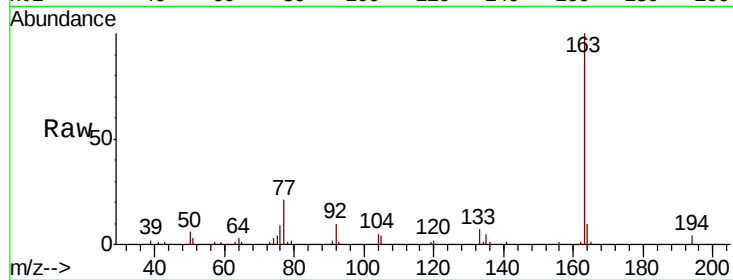
Tot Ion:163 Resp: 54910

Ion Ratio Lower Upper

163 100

194 4.1 2.9 4.3

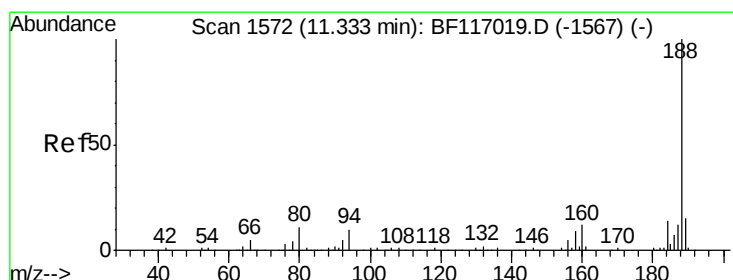
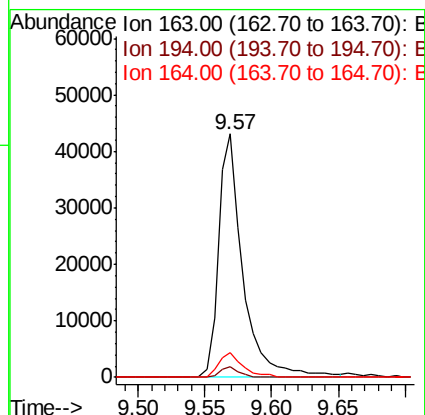
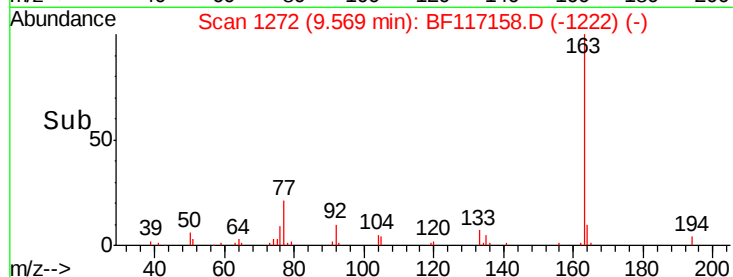
164 10.2 8.2 12.4



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: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF117158.D

Acq: 18 Sep 2019 21:20

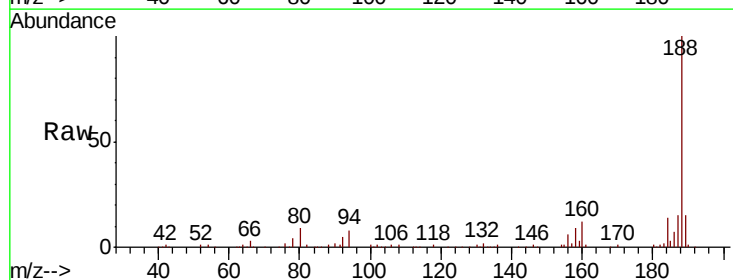
Tgt Ion:188 Resp: 222504

Ion Ratio Lower Upper

188 100

94 8.2 8.2 12.2

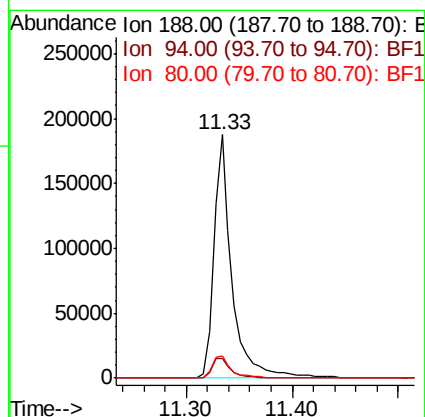
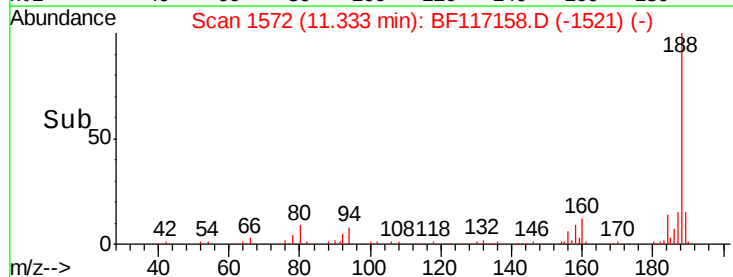
80 9.1 9.0 13.6

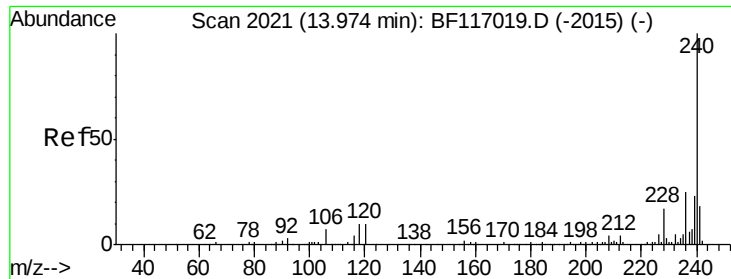


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

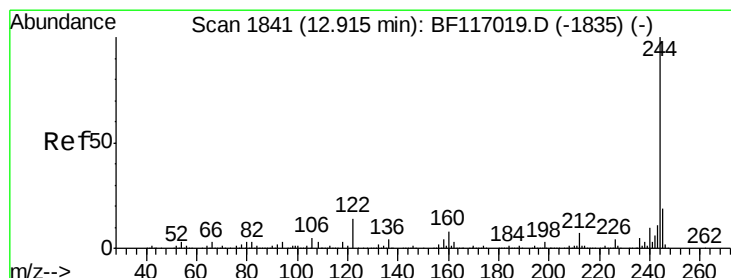
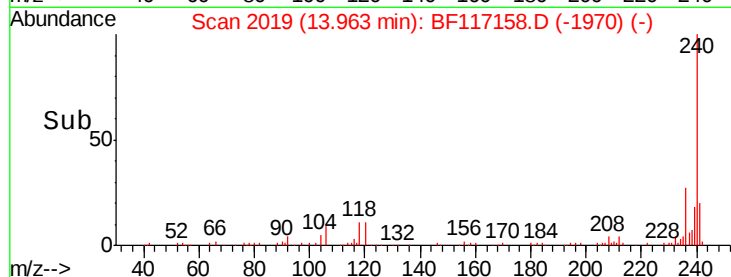
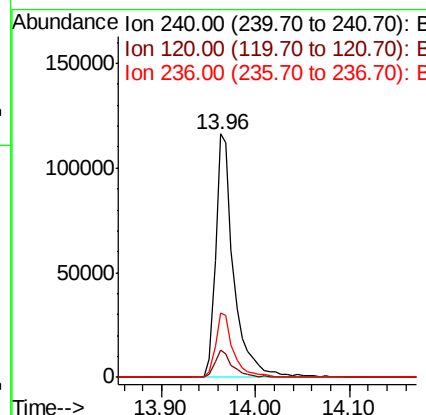
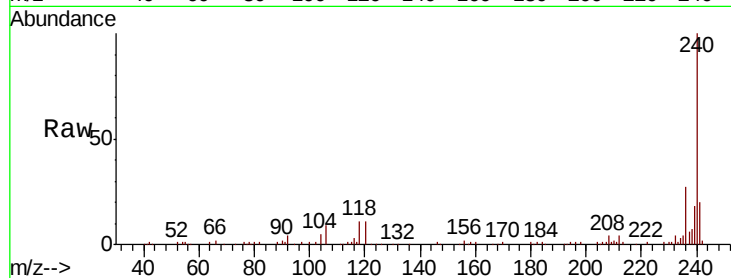




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF117158.D
Acq: 18 Sep 2019 21:20

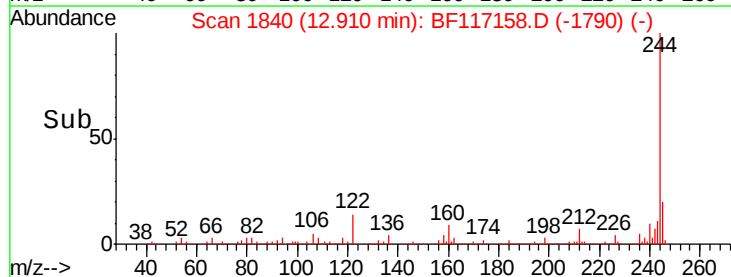
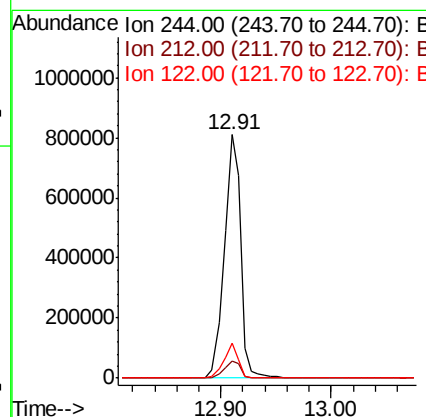
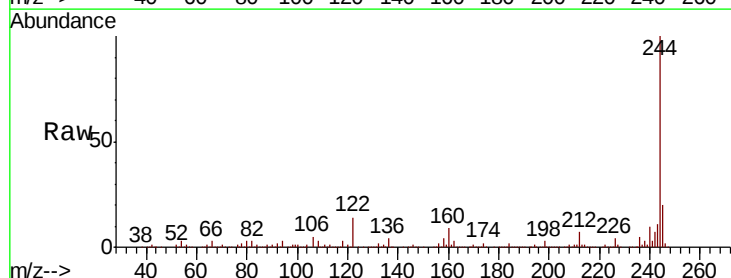
Instrument :
BNA_F
ClientSampleId :
SB-4-12-14

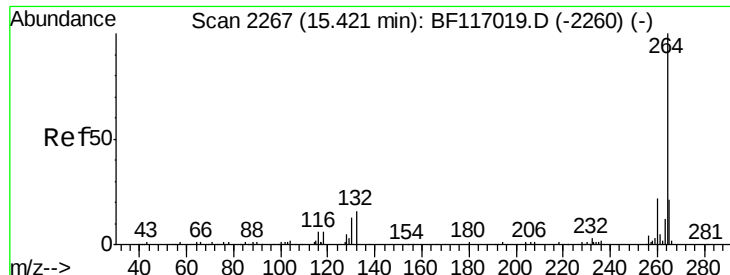
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.3	12.5
236	26.6	20.3	30.5



#79
Terphenyl-d14
Concen: 97.890 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF117158.D
Acq: 18 Sep 2019 21:20

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	14.2	11.3	16.9





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BF117158.D
 Acq: 18 Sep 2019 21:20

Instrument :
 BNA_F
 ClientSampleId :
 SB-4-12-14

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.6	26.4
265	20.6	16.6	24.8

