

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111419\
 Data File : BF117791.D
 Acq On : 14 Nov 2019 12:28
 Operator : JU
 Sample : PB124565BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB124565BL

Quant Time: Nov 14 13:36:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	332187	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	1308027	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	702907	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	1373978	20.00	ng	0.00
76) Chrysene-d12	14.11	240	1088603	20.00	ng	0.00
87) Perylene-d12	15.62	264	1064600	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	2482387	132.28	ng	0.02
7) Phenol-d6	6.55	99	3003228	132.68	ng	0.00
23) Nitrobenzene-d5	7.49	82	1978282	89.91	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	1029749	138.38	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	3612606	92.20	ng	0.00
79) Terphenyl-d14	13.06	244	4365048	73.28	ng	0.00

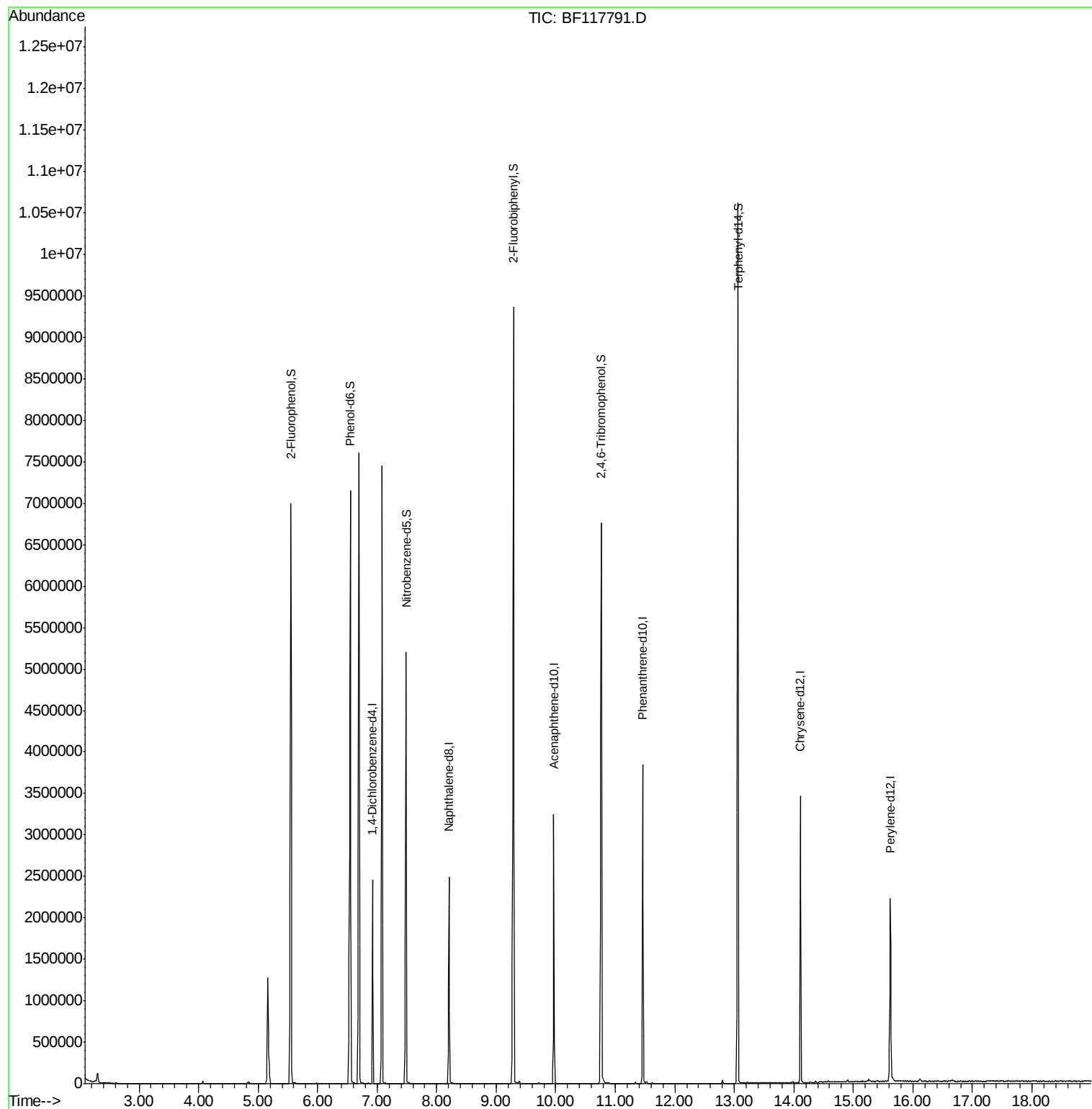
Target Compounds Qvalue

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

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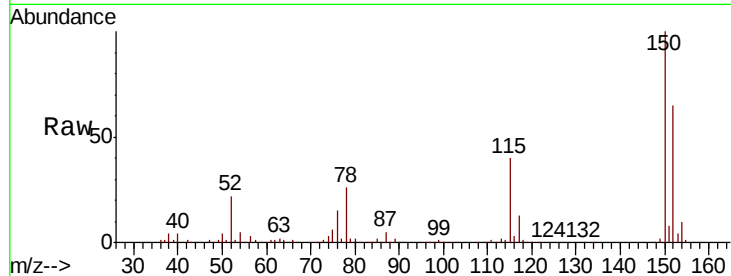


#1

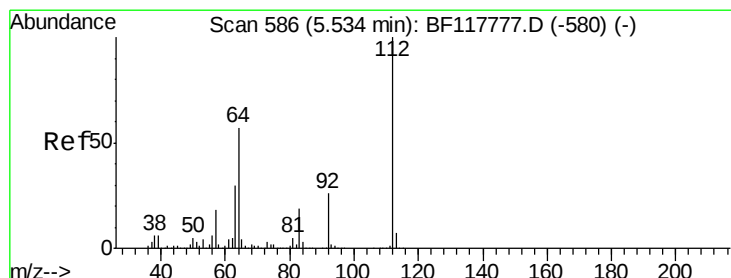
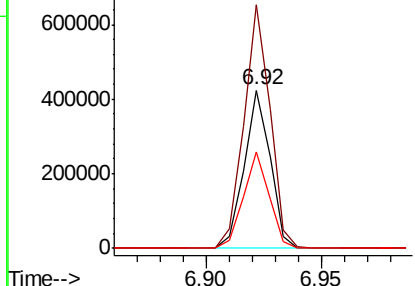
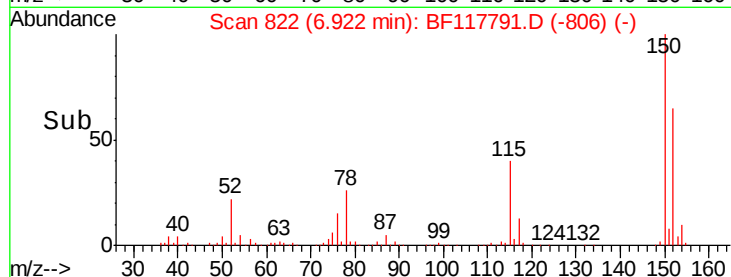
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF117791.D
Acq: 14 Nov 2019 12:28

Instrument :
BNA_F
ClientSampled :
PB124565BL

Tot Ion:152 Resp: 332187
Ion Ratio Lower Upper
152 100
150 154.1 125.3 187.9
115 61.2 47.0 70.4



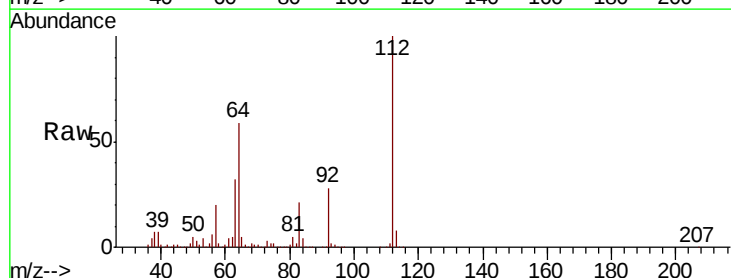
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



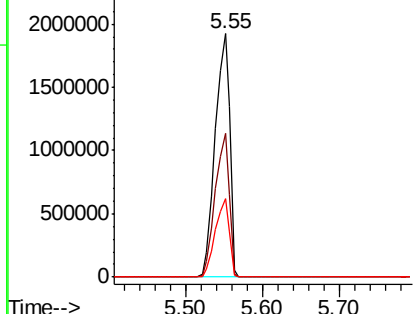
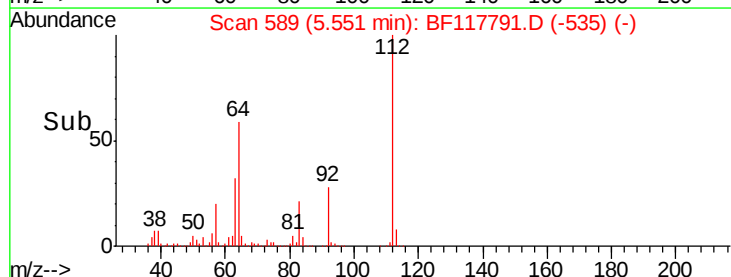
#5

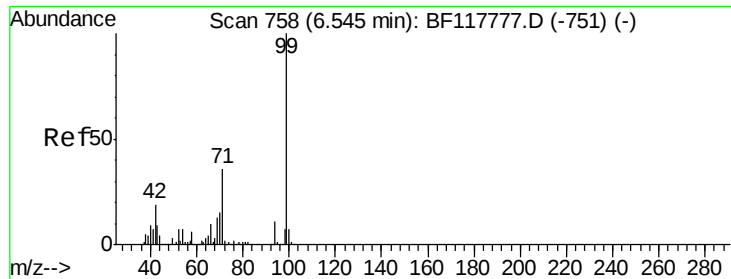
2-Fluorophenol
Concen: 132.278 ng
RT: 5.55 min Scan# 589
Delta R.T. 0.02 min
Lab File: BF117791.D
Acq: 14 Nov 2019 12:28

Tgt Ion:112 Resp: 2482387
Ion Ratio Lower Upper
112 100
64 58.8 45.6 68.4
63 32.4 24.1 36.1



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: 132.678 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.01 min

Lab File: BF117791.D

Acq: 14 Nov 2019 12:28

Instrument :

BNA_F

ClientSampleId :

PB124565BL

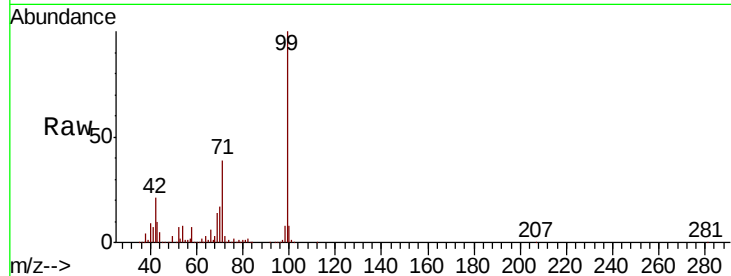
Tot Ion: 99 Resp: 3003228

Ion Ratio Lower Upper

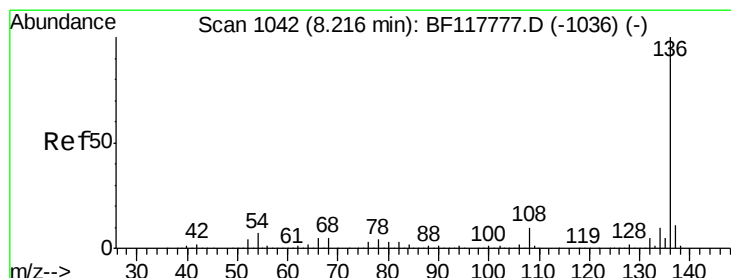
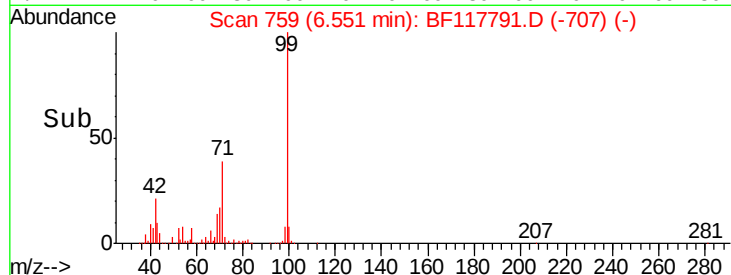
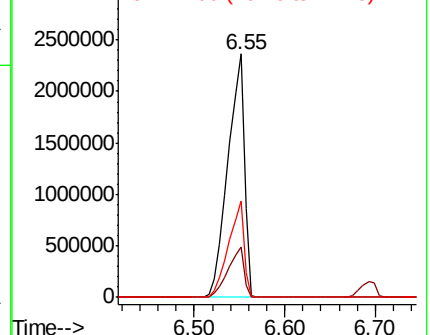
99 100

42 20.5 14.9 22.3

71 39.5 28.6 43.0



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: 8.21 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF117791.D

Acq: 14 Nov 2019 12:28

Tgt Ion: 136 Resp: 1308027

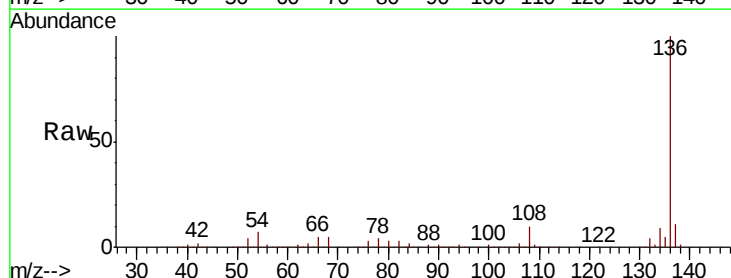
Ion Ratio Lower Upper

136 100

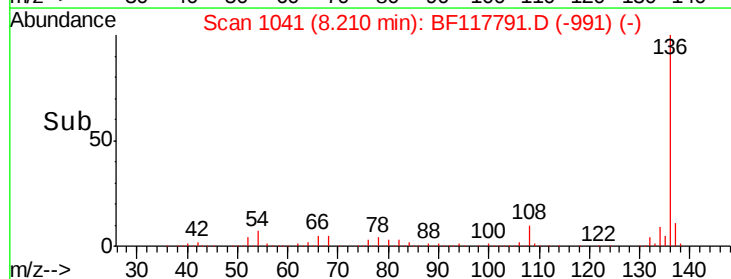
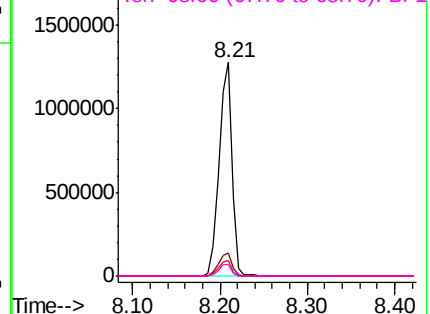
137 10.9 9.0 13.4

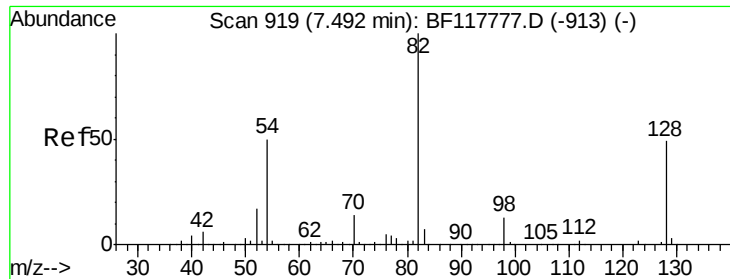
54 6.9 5.4 8.2

68 5.2 4.3 6.5



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

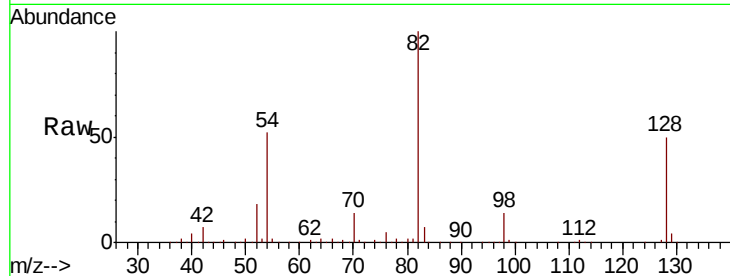




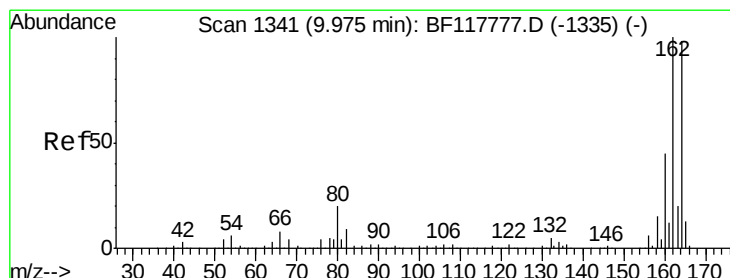
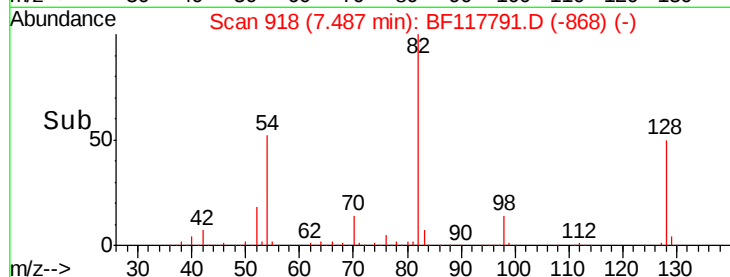
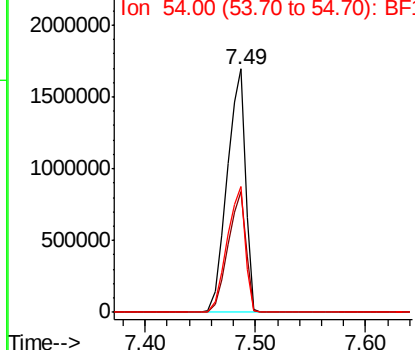
#23
Nitrobenzene-d5
Concen: 89.907 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF117791.D
Acq: 14 Nov 2019 12:28

Instrument :
BNA_F
ClientSampleId :
PB124565BL

Tot Ion: 82 Resp: 1978282
Ion Ratio Lower Upper
82 100
128 49.8 38.9 58.3
54 51.8 39.8 59.6

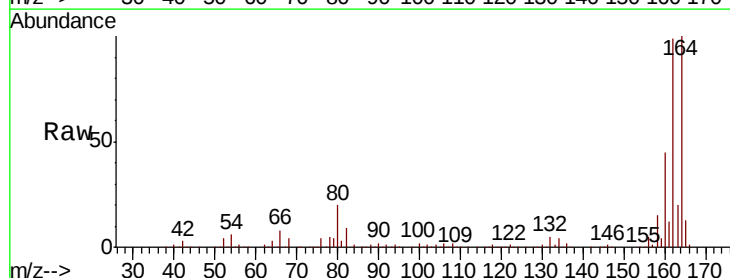


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

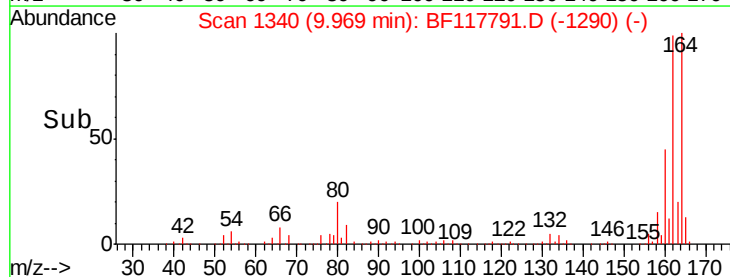
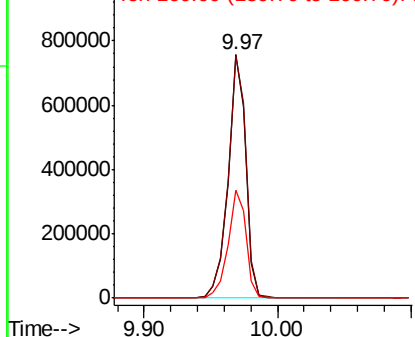


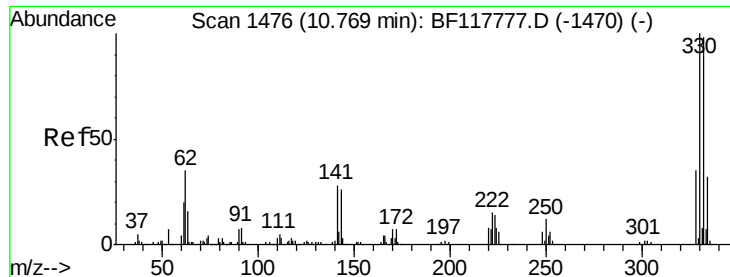
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117791.D
Acq: 14 Nov 2019 12:28

Tgt Ion: 164 Resp: 702907
Ion Ratio Lower Upper
164 100
162 99.5 81.3 121.9
160 44.5 36.6 55.0



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: 138.377 ng

RT: 10.77 min Scan# 1476

Delta R.T. 0.00 min

Lab File: BF117791.D

Acq: 14 Nov 2019 12:28

Instrument :

BNA_F

ClientSampleId :

PB124565BL

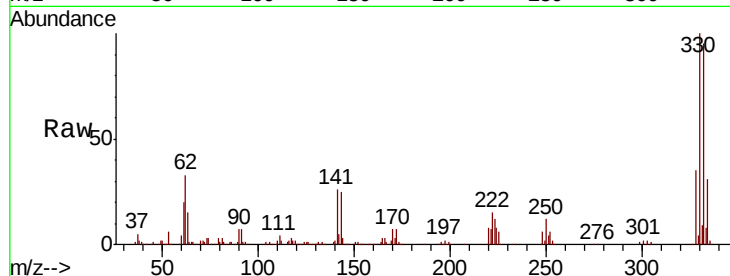
Tot Ion:330 Resp: 1029749

Ion Ratio Lower Upper

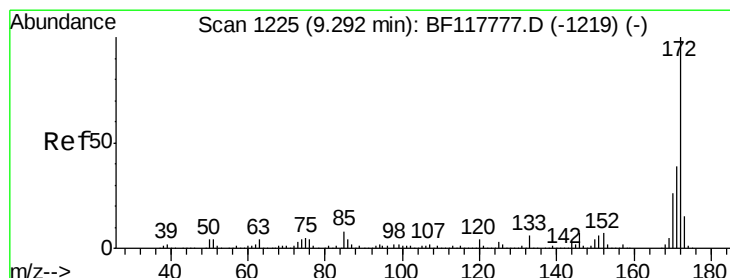
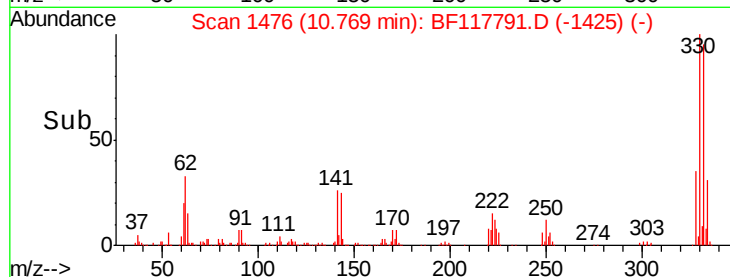
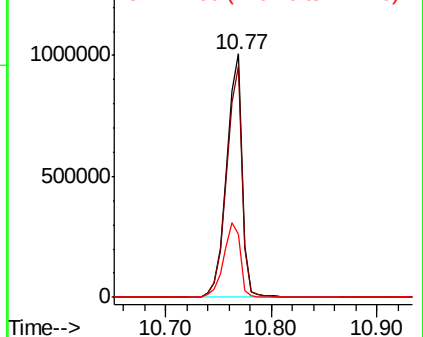
330 100

332 95.1 76.7 115.1

141 33.2 27.7 41.5



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: 92.205 ng

RT: 9.29 min Scan# 1225

Delta R.T. 0.00 min

Lab File: BF117791.D

Acq: 14 Nov 2019 12:28

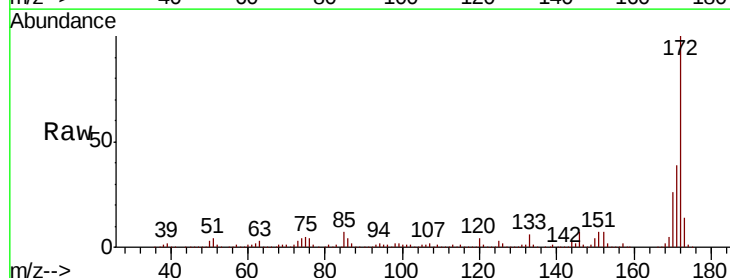
Tgt Ion:172 Resp: 3612606

Ion Ratio Lower Upper

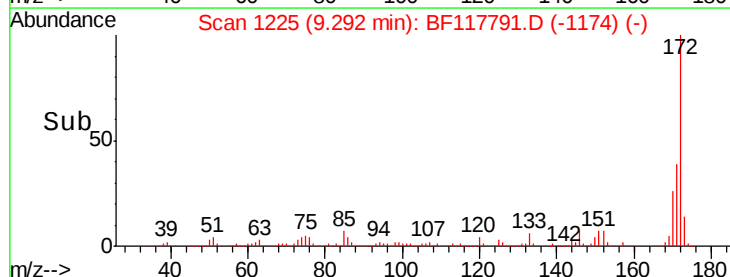
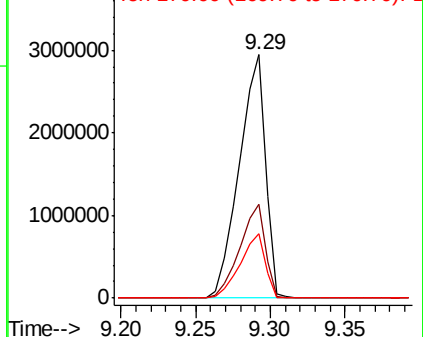
172 100

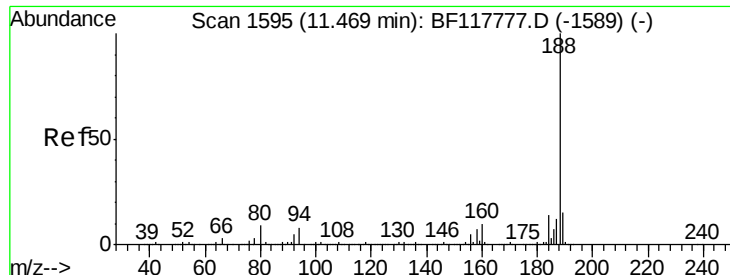
171 38.6 30.9 46.3

170 26.3 21.0 31.4



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

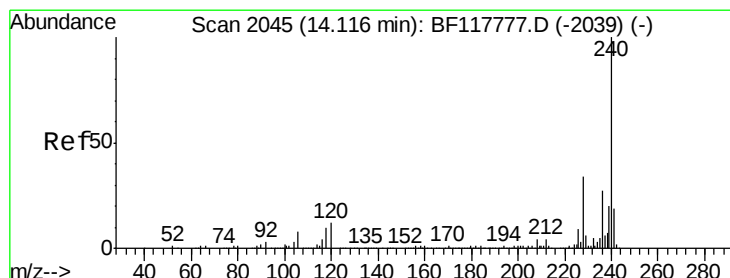
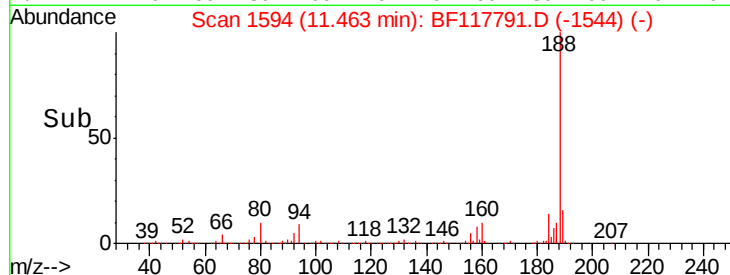
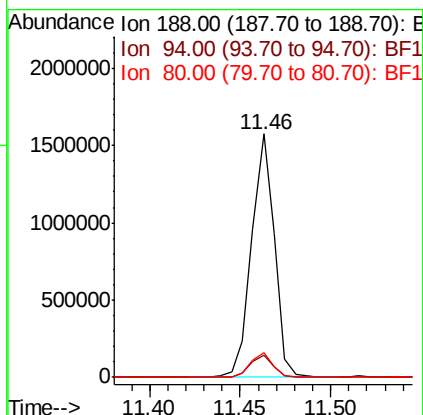
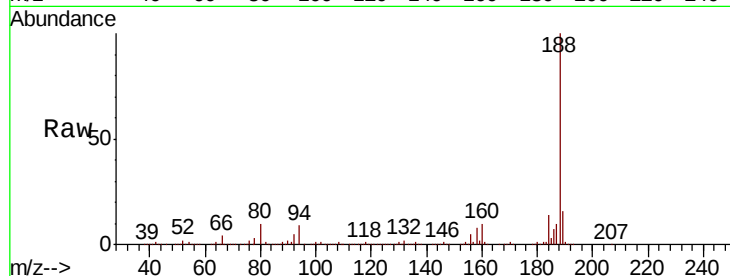




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF117791.D
Acq: 14 Nov 2019 12:28

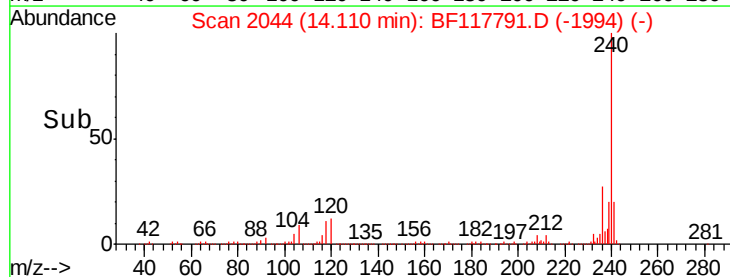
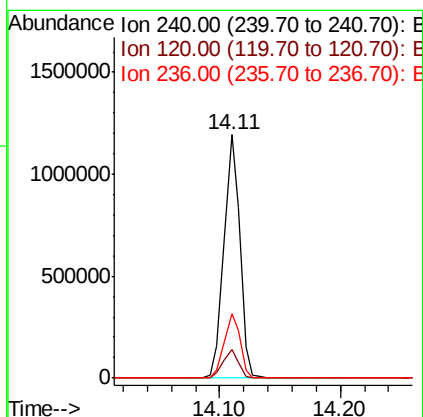
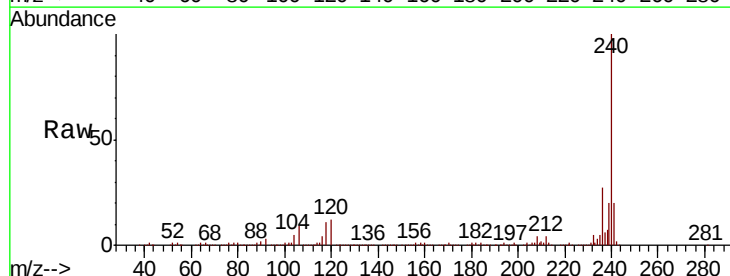
Instrument :
BNA_F
ClientSampleId :
PB124565BL

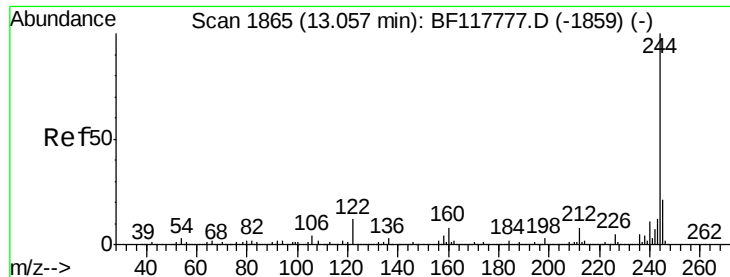
Tot Ion:188 Resp: 1373978
Ion Ratio Lower Upper
188 100
94 9.2 6.6 10.0
80 9.9 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BF117791.D
Acq: 14 Nov 2019 12:28

Tgt Ion:240 Resp: 1088603
Ion Ratio Lower Upper
240 100
120 11.8 9.5 14.3
236 26.7 21.3 31.9

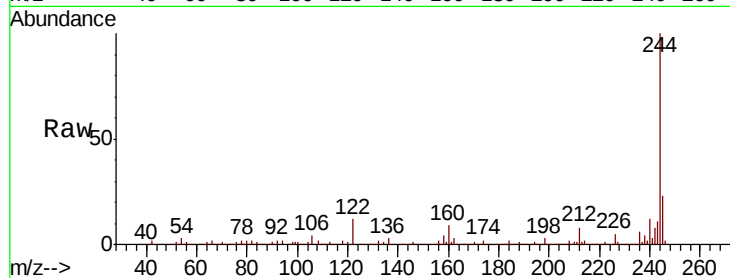




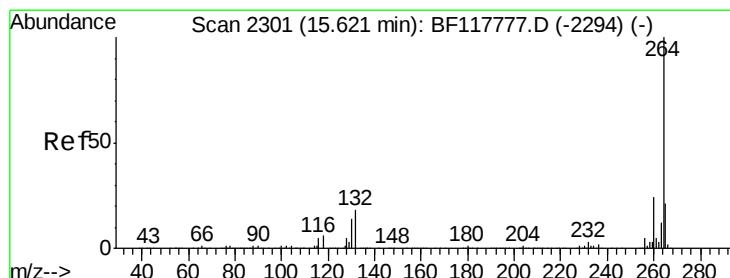
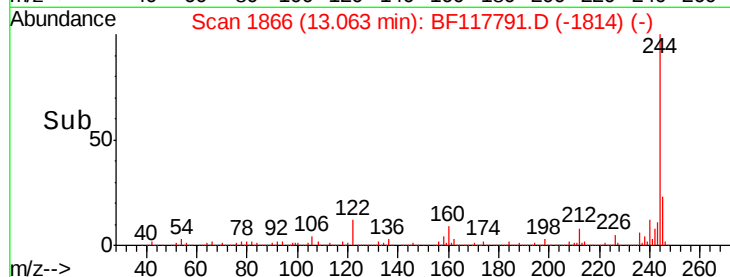
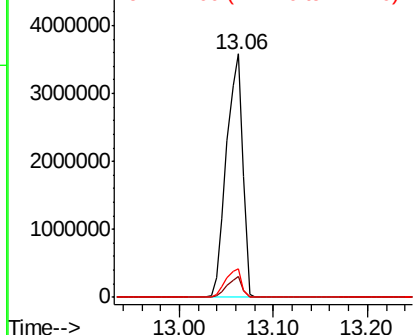
#79
 Terphenyl-d14
 Concen: 73.283 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. 0.01 min
 Lab File: BF117791.D
 Acq: 14 Nov 2019 12:28

Instrument :
 BNA_F
 ClientSampleId :
 PB124565BL

Tot Ion:244 Resp: 4365048
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.3 9.5
 122 11.9 9.4 14.2

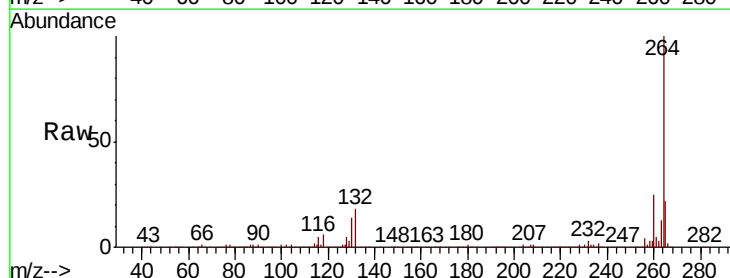


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.62 min Scan# 2301
 Delta R.T. 0.00 min
 Lab File: BF117791.D
 Acq: 14 Nov 2019 12:28

Tgt Ion:264 Resp: 1064600
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.4 29.0
 265 22.0 17.1 25.7



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

