

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
 Data File : BF117820.D
 Acq On : 15 Nov 2019 23:08
 Operator : JU
 Sample : K5861-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-4

Quant Time: Nov 18 03:30:58 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

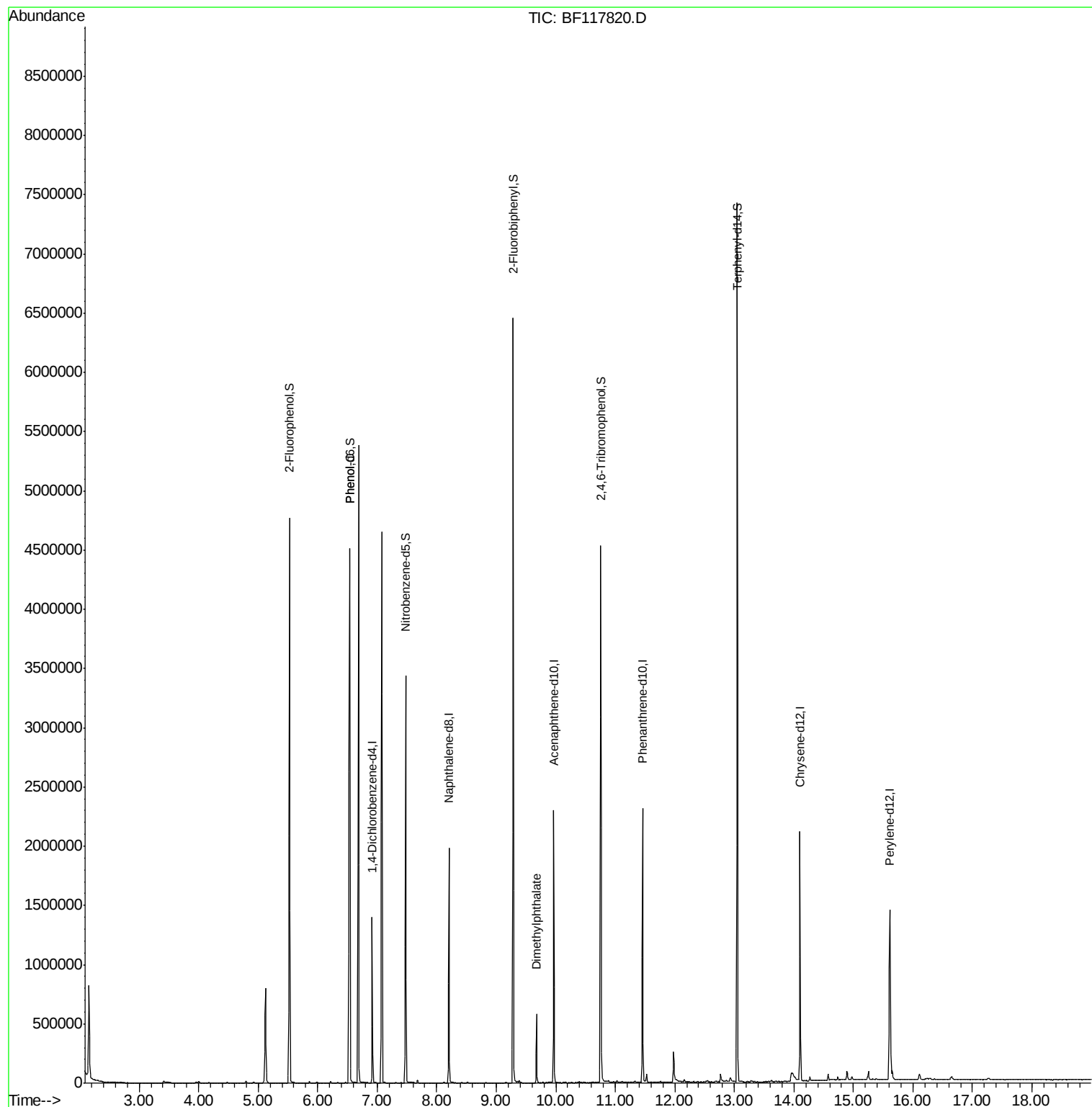
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	205610	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	790836	20.00	ng	-0.01
39) Acenaphthene-d10	9.97	164	424777	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	826268	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	660809	20.00	ng	-0.01
87) Perylene-d12	15.61	264	686834	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1366598	117.65	ng	0.00
7) Phenol-d6	6.54	99	1685696	120.32	ng	0.00
23) Nitrobenzene-d5	7.48	82	1002629	75.37	ng	-0.01
42) 2,4,6-Tribromophenol	10.76	330	525088	116.76	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	1938029	81.85	ng	0.00
79) Terphenyl-d14	13.05	244	2461293	68.07	ng	0.00
Target Compounds						
10) Phenol	6.55	94	42690	2.932	ng	90
50) Dimethylphthalate	9.67	163	209943	7.048	ng	99

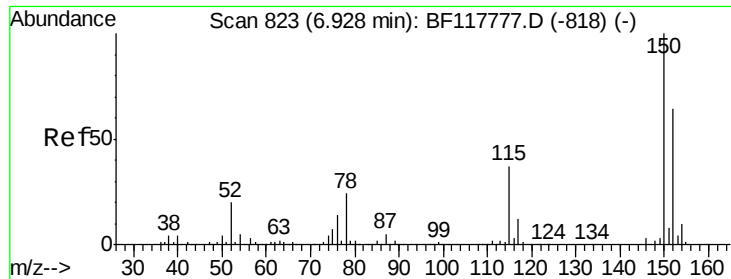
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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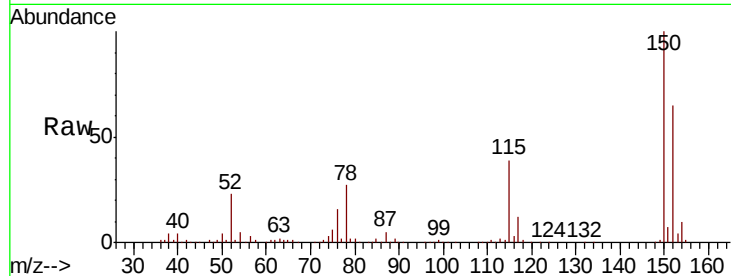


#1

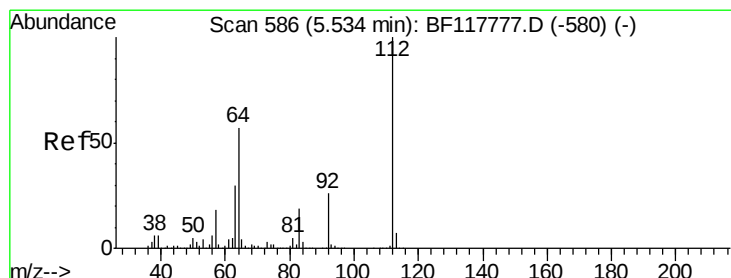
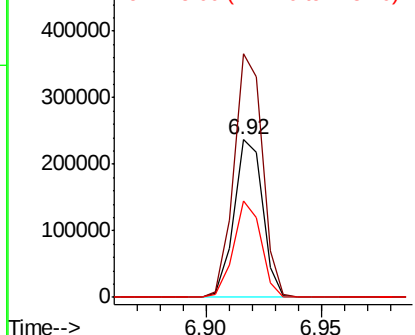
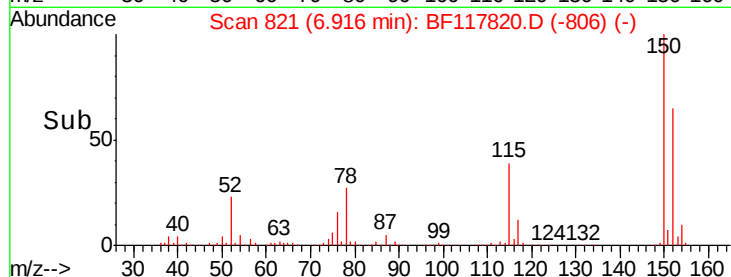
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF117820.D
 Acq: 15 Nov 2019 23:08

Instrument :
 BNA_F
 ClientSampled :
 EP-4

Tot Ion:152 Resp: 205610
 Ion Ratio Lower Upper
 152 100
 150 154.6 125.3 187.9
 115 60.9 47.0 70.4



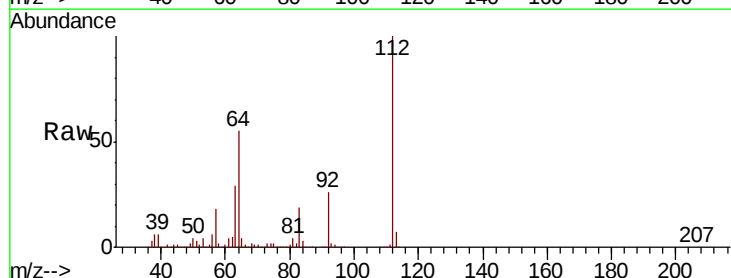
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



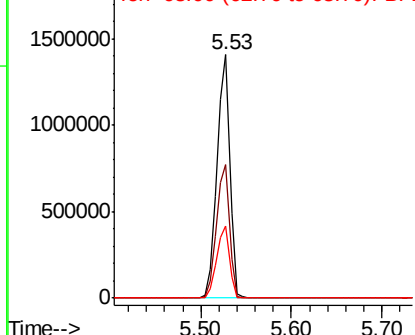
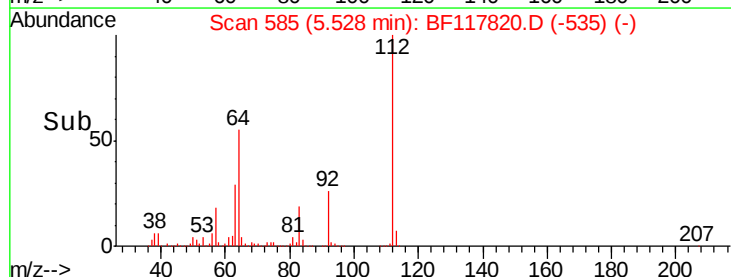
#5

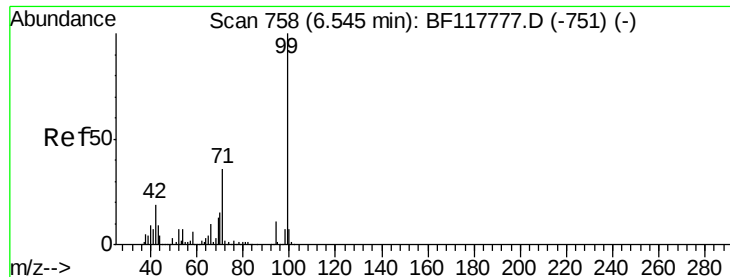
2-Fluorophenol
 Concen: 117.651 ng
 RT: 5.53 min Scan# 585
 Delta R.T. -0.01 min
 Lab File: BF117820.D
 Acq: 15 Nov 2019 23:08

Tgt Ion:112 Resp: 1366598
 Ion Ratio Lower Upper
 112 100
 64 54.9 45.6 68.4
 63 29.4 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: 120.318 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF117820.D

Acq: 15 Nov 2019 23:08

Instrument :

BNA_F

ClientSampleId :

EP-4

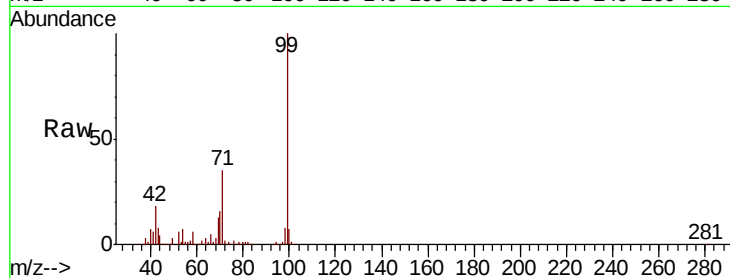
Tot Ion: 99 Resp: 1685696

Ion	Ratio	Lower	Upper
99	100		
42	17.7	14.9	22.3
71	34.6	28.6	43.0

99 100

42 17.7 14.9 22.3

71 34.6 28.6 43.0

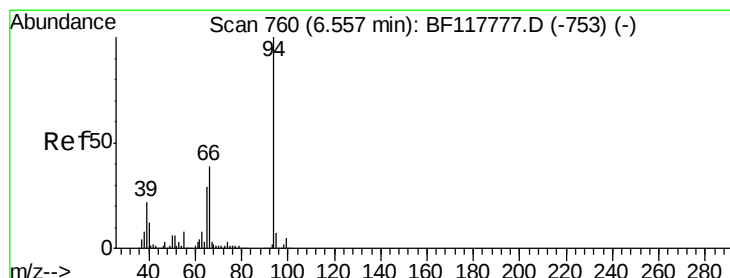
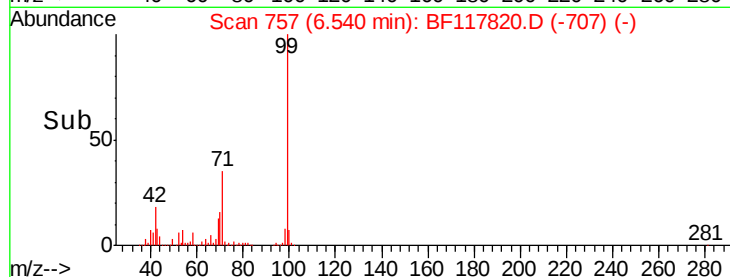
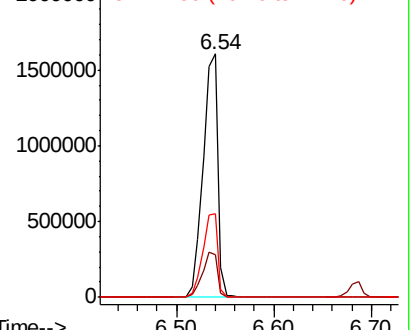


Abundance

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



#10

Phenol

Concen: 2.932 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF117820.D

Acq: 15 Nov 2019 23:08

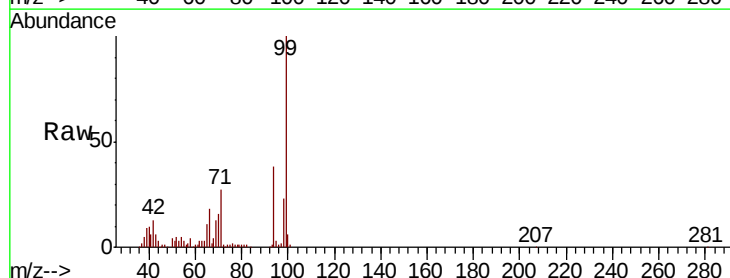
Tgt Ion: 94 Resp: 42690

Ion	Ratio	Lower	Upper
94	100		
65	30.4	8.9	48.9
66	47.8	18.7	58.7

94 100

65 30.4 8.9 48.9

66 47.8 18.7 58.7

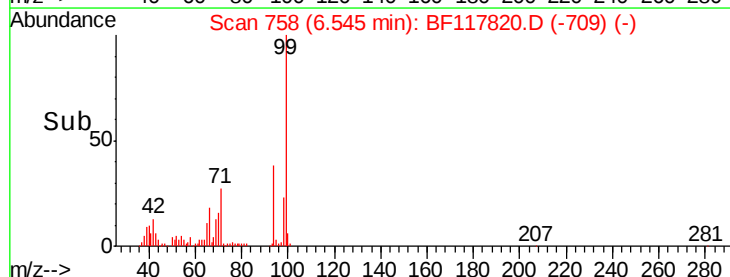
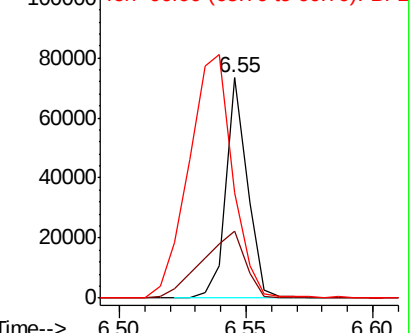


Abundance

Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

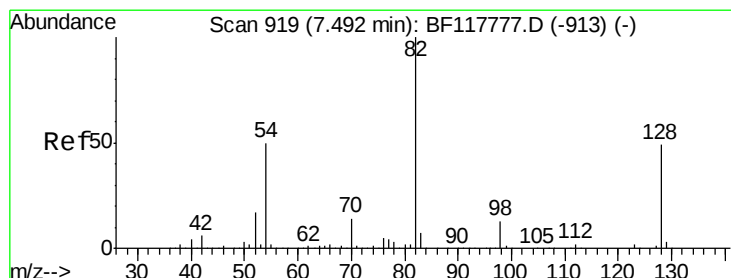
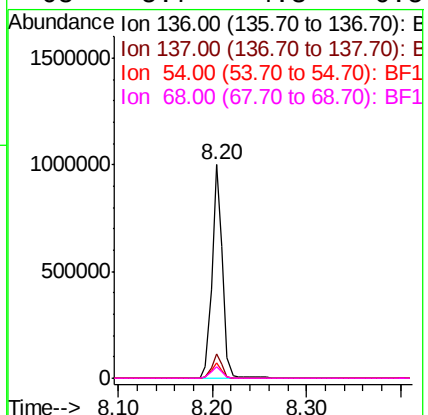
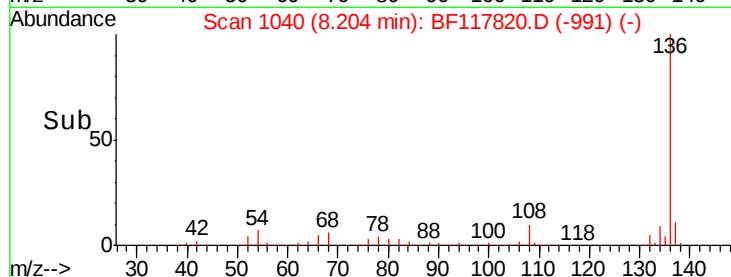
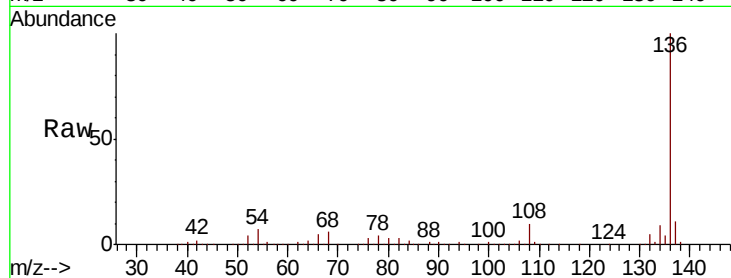




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117820.D
Acq: 15 Nov 2019 23:08

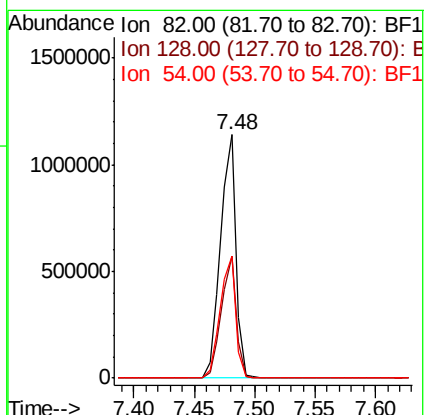
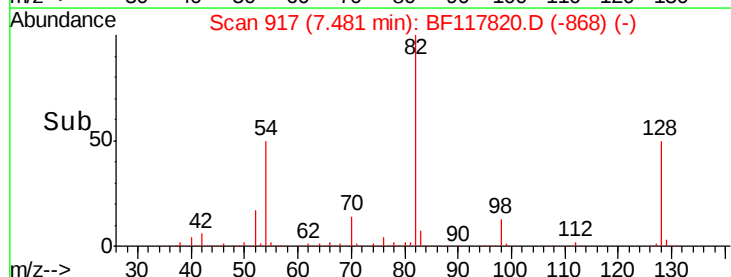
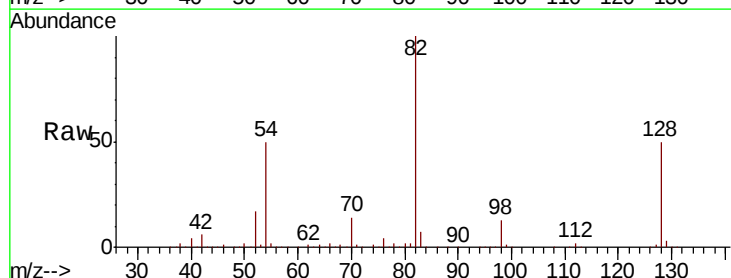
Instrument :
BNA_F
ClientSampleId :
EP-4

Tot Ion:136	Resp:	790836
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.0 13.4
54	7.4	5.4 8.2
68	5.7	4.3 6.5



#23
Nitrobenzene-d5
Concen: 75.366 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF117820.D
Acq: 15 Nov 2019 23:08

Tgt Ion: 82	Resp:	1002629
Ion Ratio	Lower	Upper
82	100	
128	50.3	38.9 58.3
54	50.0	39.8 59.6

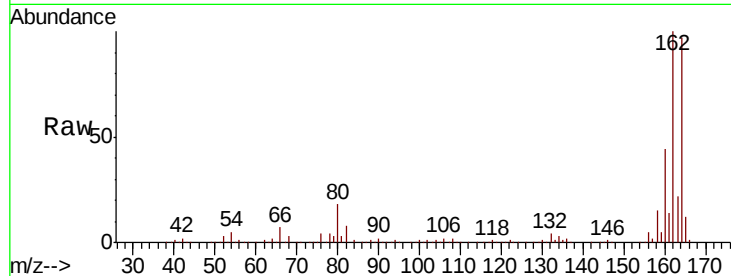




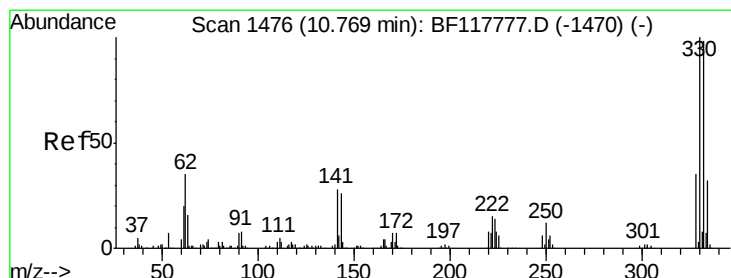
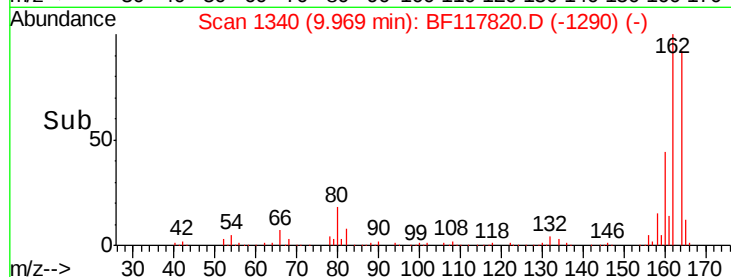
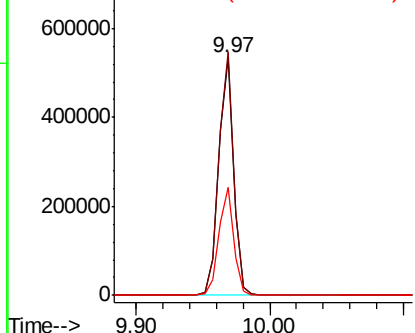
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117820.D
Acq: 15 Nov 2019 23:08

Instrument :
BNA_F
ClientSampleId :
EP-4

Tot Ion:164 Resp: 424777
Ion Ratio Lower Upper
164 100
162 102.6 81.3 121.9
160 45.6 36.6 55.0

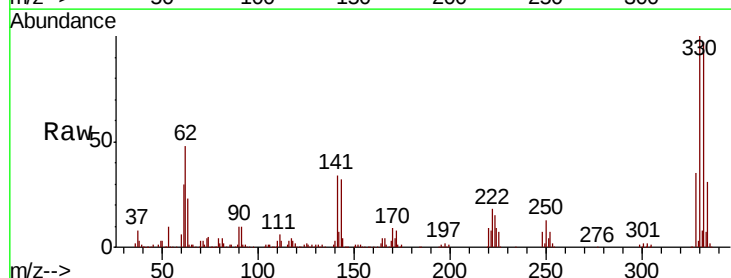


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

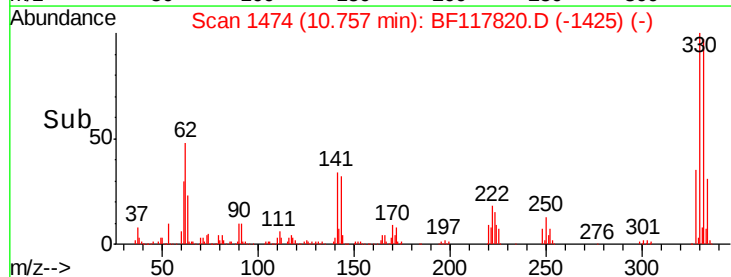
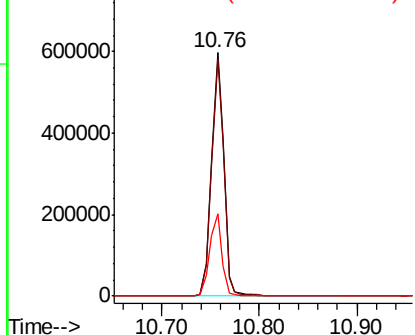


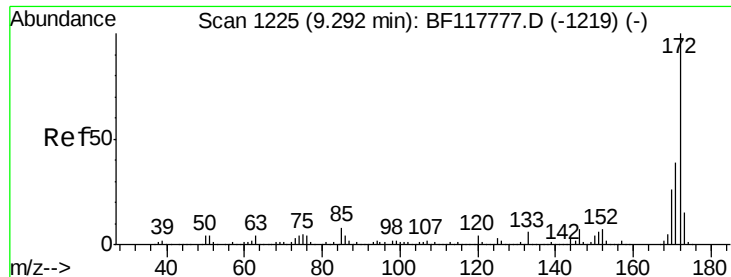
#42
2,4,6-Tribromophenol
Concen: 116.762 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BF117820.D
Acq: 15 Nov 2019 23:08

Tgt Ion:330 Resp: 525088
Ion Ratio Lower Upper
330 100
332 97.2 76.7 115.1
141 33.6 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

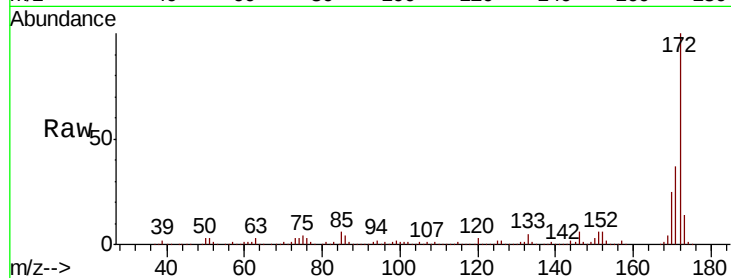




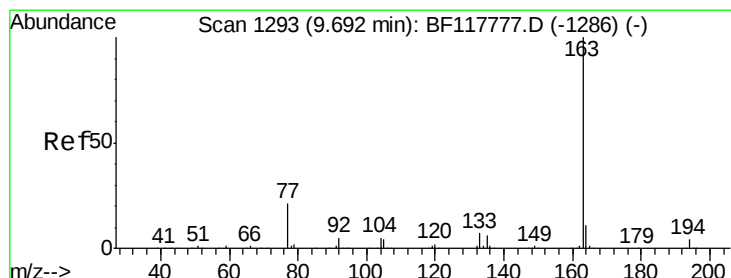
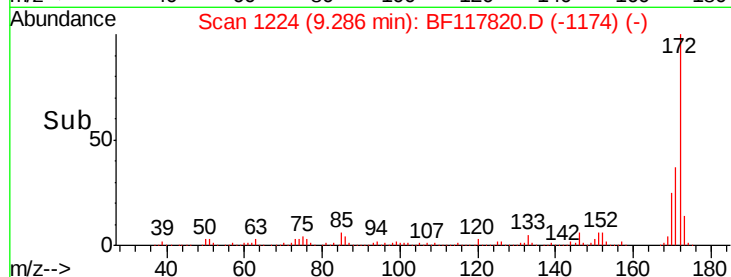
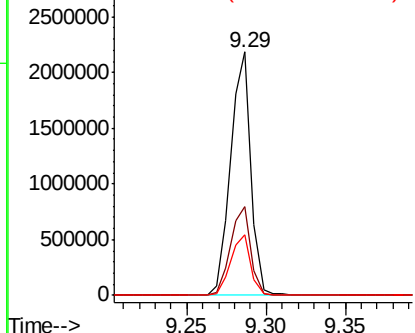
#45
2-Fluorobiphenyl
Concen: 81.852 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF117820.D
Acq: 15 Nov 2019 23:08

Instrument :
BNA_F
ClientSampled :
EP-4

Tot Ion:172 Resp: 1938029
Ion Ratio Lower Upper
172 100
171 36.6 30.9 46.3
170 24.6 21.0 31.4

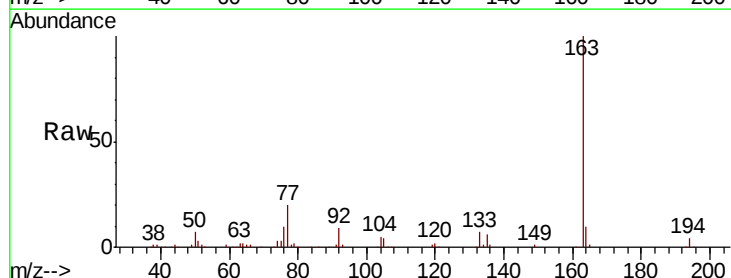


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

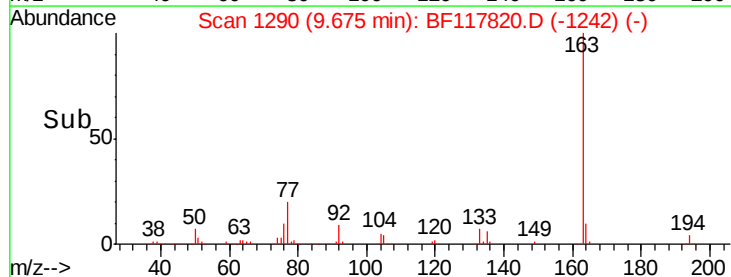
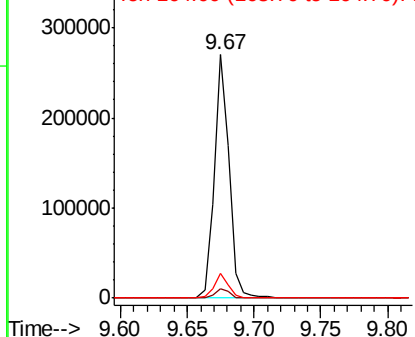


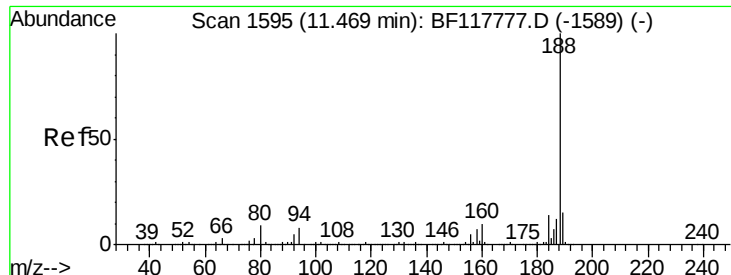
#50
Dimethylphthalate
Concen: 7.048 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117820.D
Acq: 15 Nov 2019 23:08

Tgt Ion:163 Resp: 209943
Ion Ratio Lower Upper
163 100
194 3.7 3.3 4.9
164 10.4 8.7 13.1



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

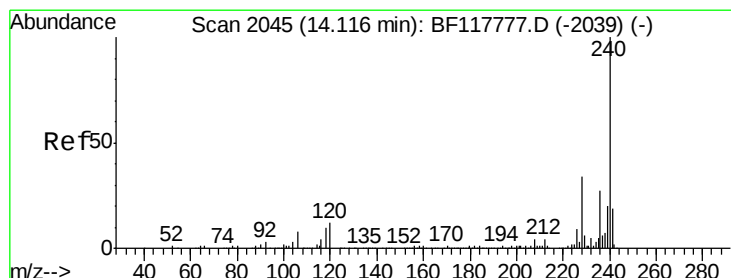
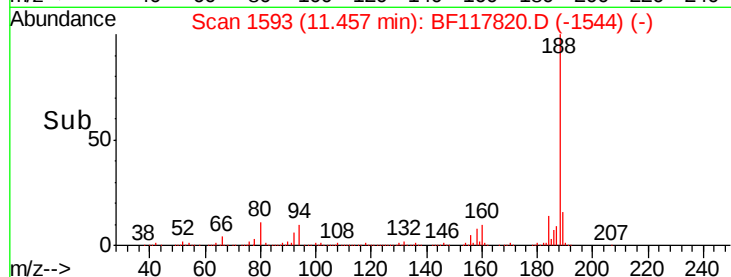
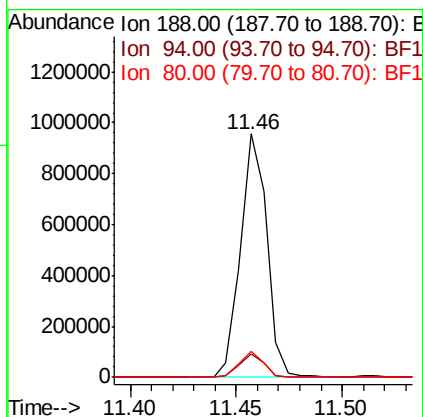
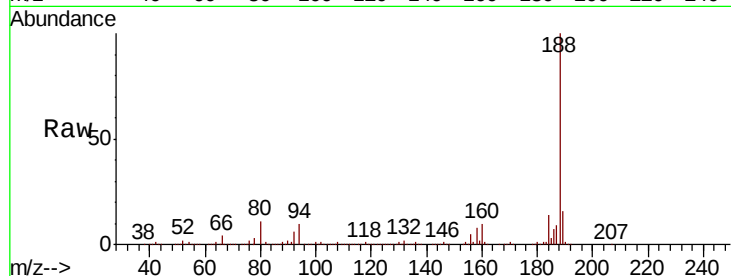




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF117820.D
Acq: 15 Nov 2019 23:08

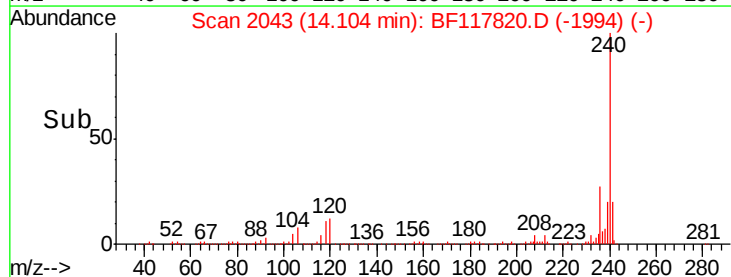
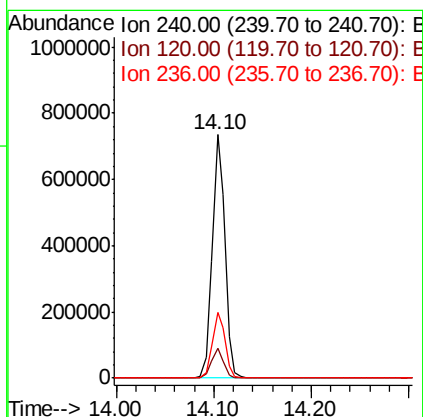
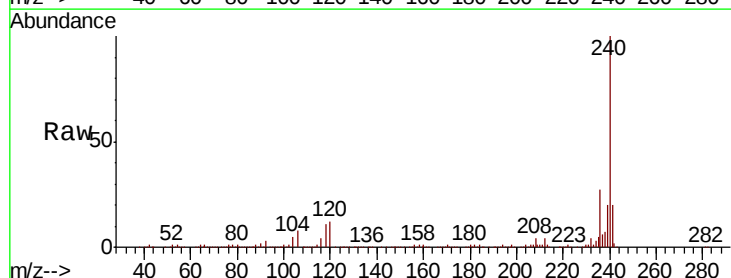
Instrument :
BNA_F
ClientSampleId :
EP-4

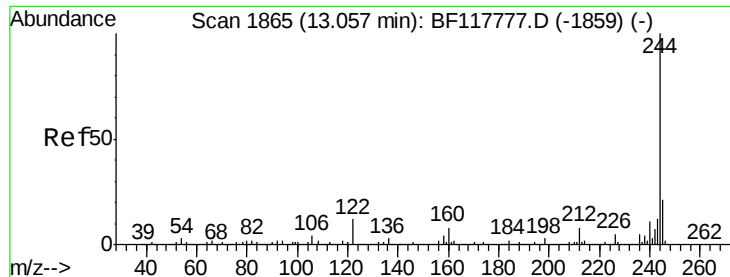
Tot Ion:188 Resp: 826268
Ion Ratio Lower Upper
188 100
94 9.7 6.6 10.0
80 10.6 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BF117820.D
Acq: 15 Nov 2019 23:08

Tgt Ion:240 Resp: 660809
Ion Ratio Lower Upper
240 100
120 12.1 9.5 14.3
236 26.9 21.3 31.9

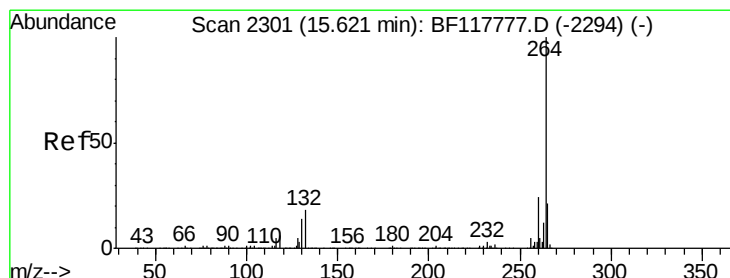
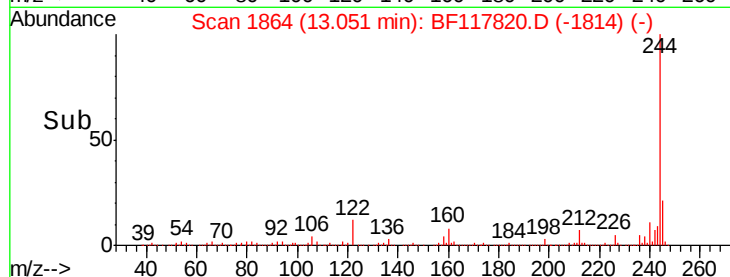
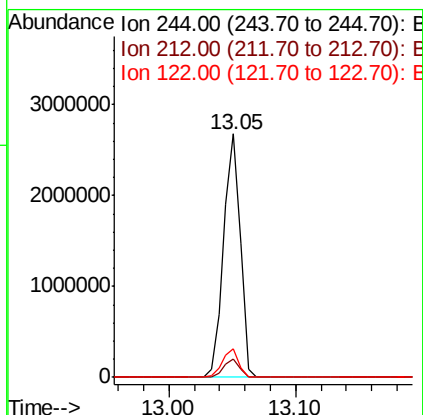
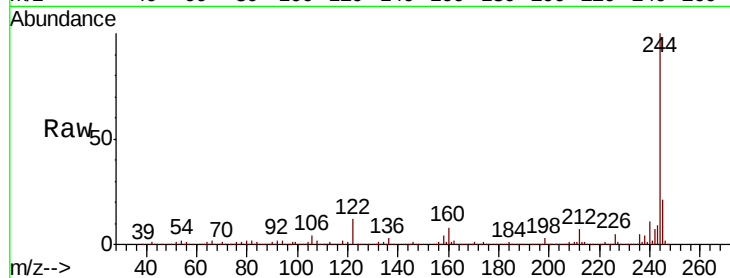




#79
 Terphenyl-d14
 Concen: 68.072 ng
 RT: 13.05 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: BF117820.D
 Acq: 15 Nov 2019 23:08

Instrument :
 BNA_F
 ClientSampleId :
 EP-4

Tot Ion:244 Resp: 2461293
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.3 9.5
 122 11.6 9.4 14.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.61 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BF117820.D
 Acq: 15 Nov 2019 23:08

Tgt Ion:264 Resp: 686834
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.0
 265 21.7 17.1 25.7

