

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112119\
 Data File : BF117916.D
 Acq On : 21 Nov 2019 17:00
 Operator : JU
 Sample : K5904-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1-(6-8)

Quant Time: Nov 22 00:35:25 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

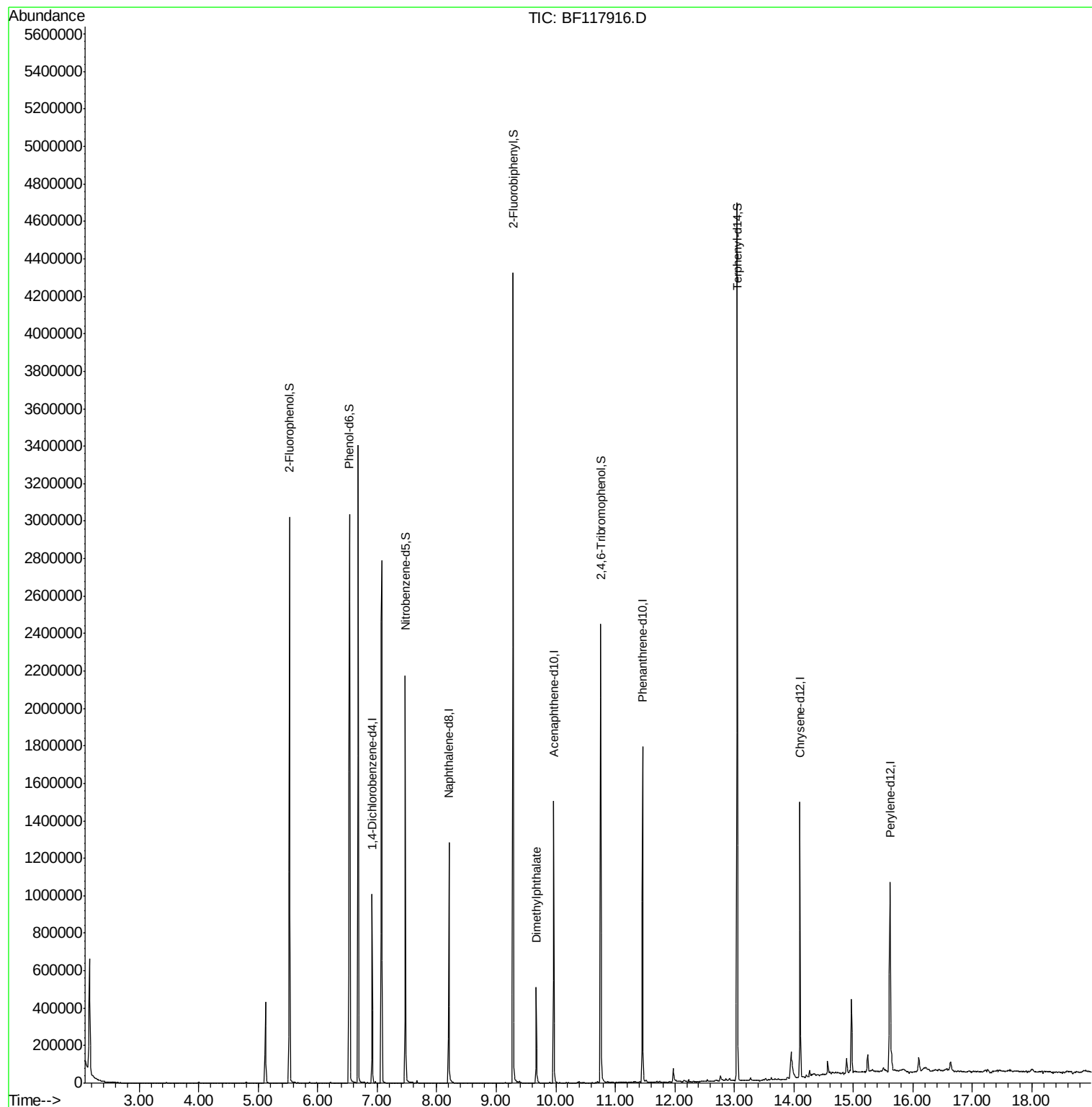
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	137523	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	570146	20.00	ng	-0.01
39) Acenaphthene-d10	9.96	164	319969	20.00	ng	-0.01
64) Phenanthrene-d10	11.46	188	617872	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	454243	20.00	ng	-0.01
87) Perylene-d12	15.62	264	485833	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	825685	106.28	ng	0.00
7) Phenol-d6	6.53	99	1054299	112.51	ng	-0.01
23) Nitrobenzene-d5	7.47	82	652824	68.07	ng	-0.02
42) 2,4,6-Tribromophenol	10.76	330	297890	87.94	ng	-0.01
45) 2-Fluorobiphenyl	9.28	172	1237222	69.37	ng	-0.01
79) Terphenyl-d14	13.05	244	1632708	65.69	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.67	163	211172	9.412	ng	Qvalue 98

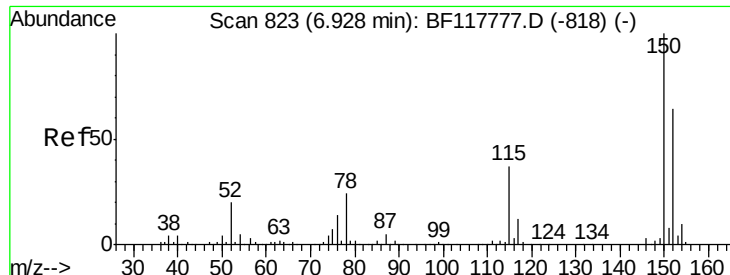
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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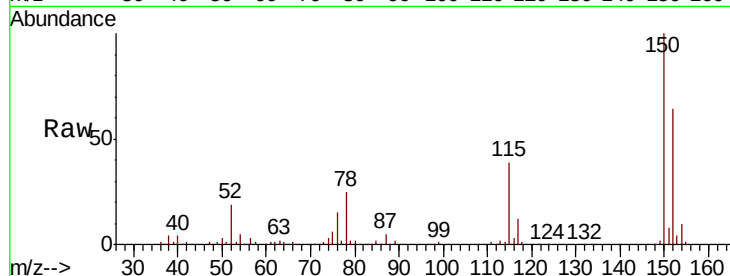


#1

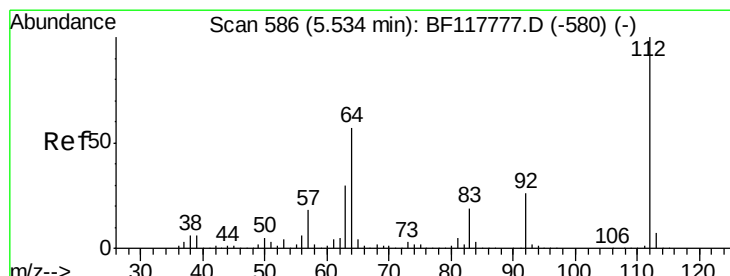
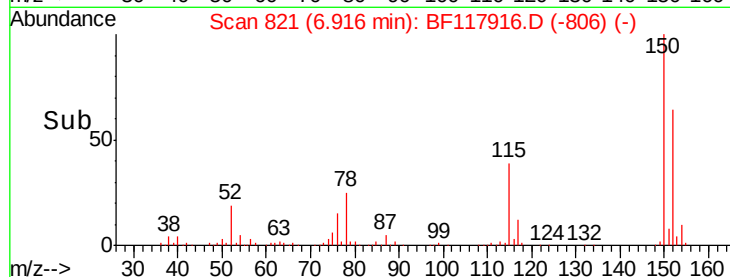
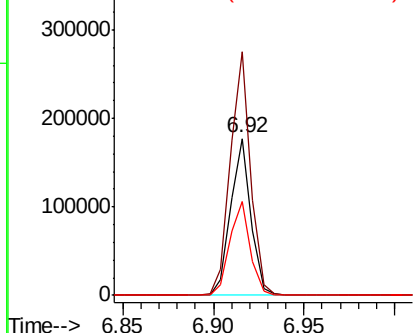
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF117916.D
Acq: 21 Nov 2019 17:00

Instrument :
BNA_F
ClientSampleId :
1-(6-8)

Tot Ion:152 Resp: 137523
Ion Ratio Lower Upper
152 100
150 155.3 125.3 187.9
115 60.2 47.0 70.4



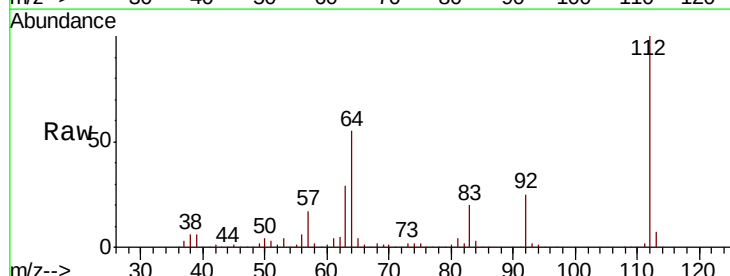
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



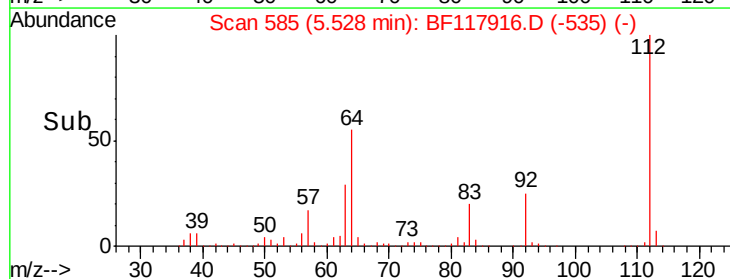
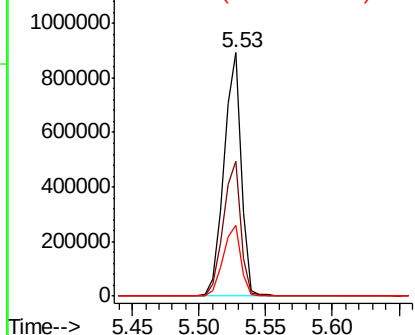
#5

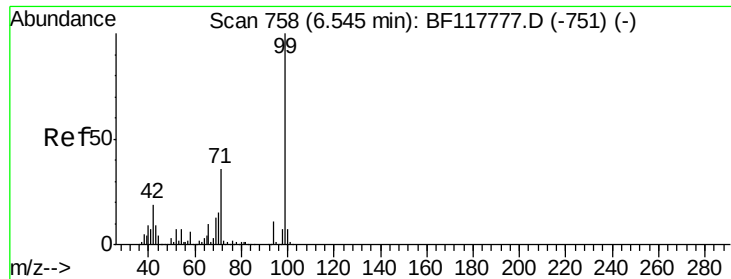
2-Fluorophenol
Concen: 106.277 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF117916.D
Acq: 21 Nov 2019 17:00

Tgt Ion:112 Resp: 825685
Ion Ratio Lower Upper
112 100
64 55.4 45.6 68.4
63 29.3 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: 112.508 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF117916.D

Acq: 21 Nov 2019 17:00

Instrument :

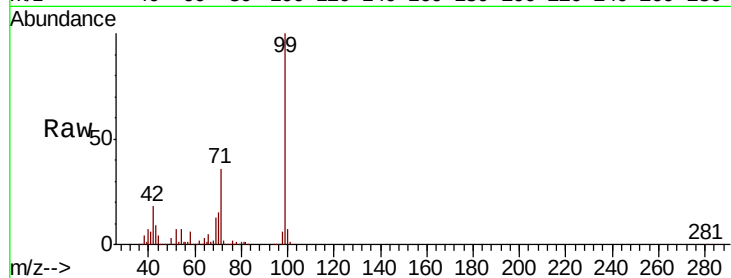
BNA_F

ClientSampleId :

1-(6-8)

Tot Ion: 99 Resp: 1054299

Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.9	22.3
71	36.4	28.6	43.0

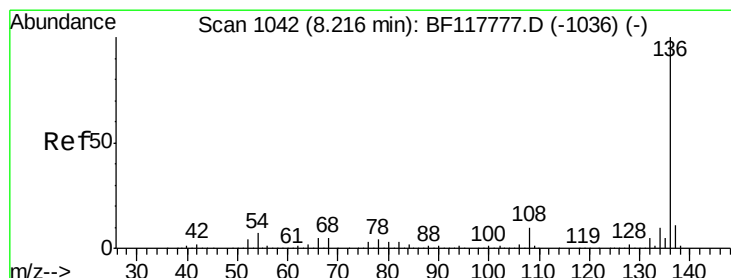
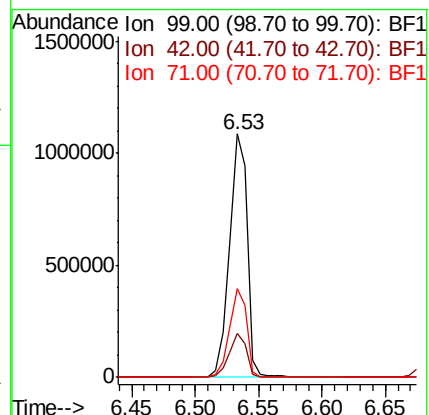
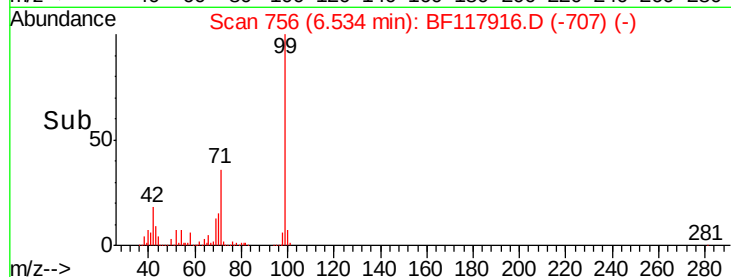


Abundance

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: 8.20 min Scan# 1040

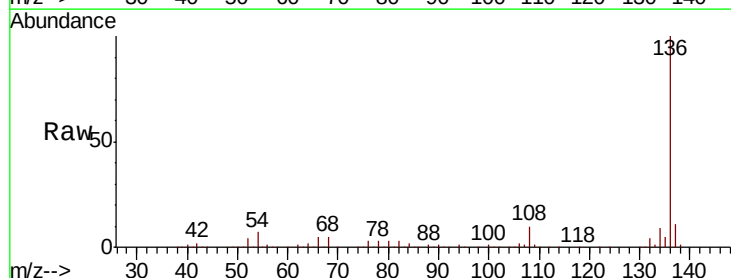
Delta R.T. -0.01 min

Lab File: BF117916.D

Acq: 21 Nov 2019 17:00

Tgt Ion: 136 Resp: 570146

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.7	5.4	8.2
68	4.8	4.3	6.5



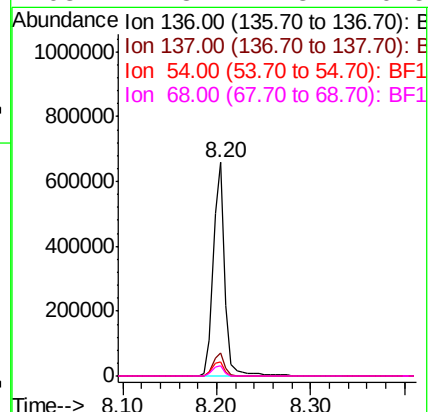
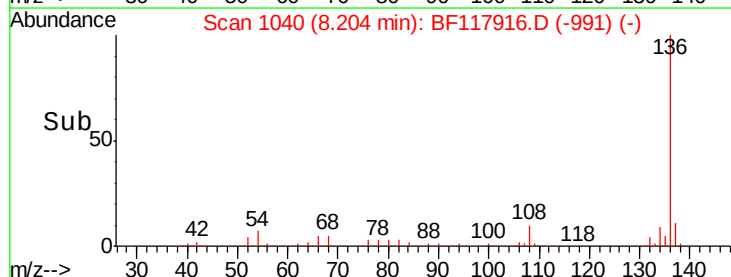
Abundance

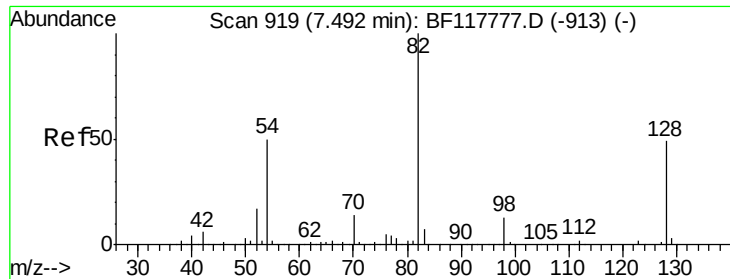
Ion 136.00 (135.70 to 136.70): E

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

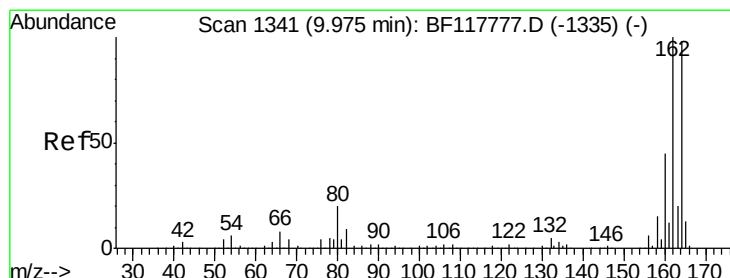
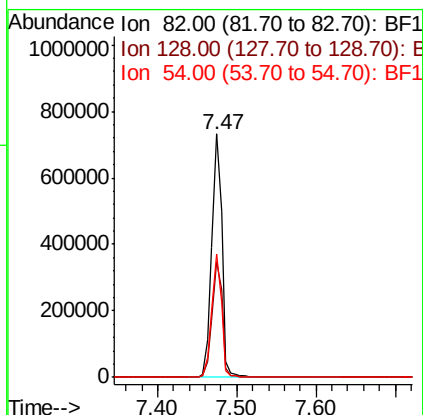
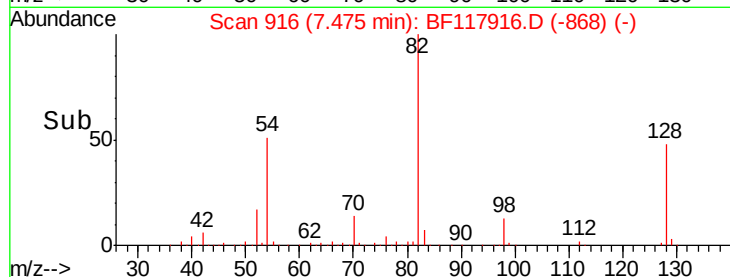
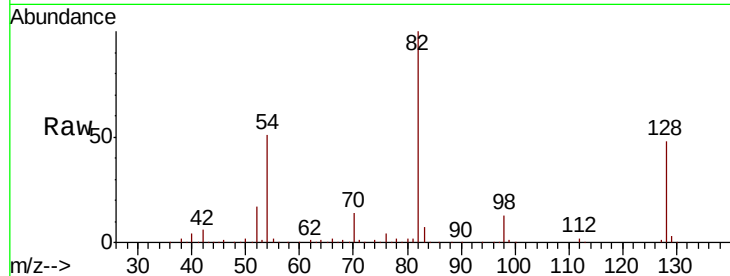




#23
Nitrobenzene-d5
Concen: 68.066 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF117916.D
Acq: 21 Nov 2019 17:00

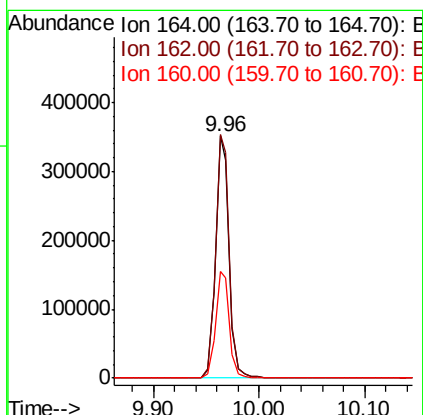
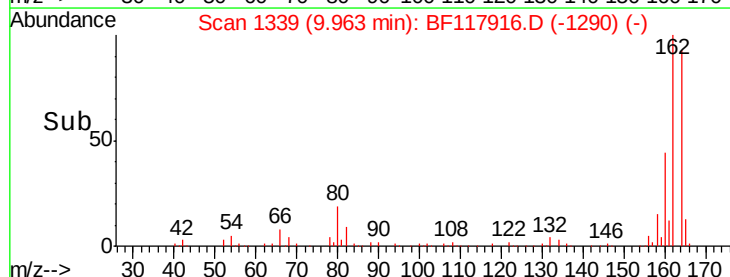
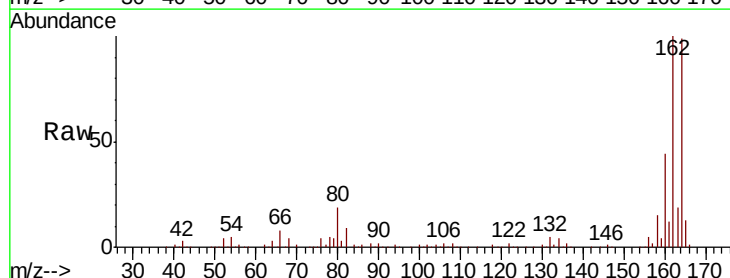
Instrument :
BNA_F
ClientSampled :
1-(6-8)

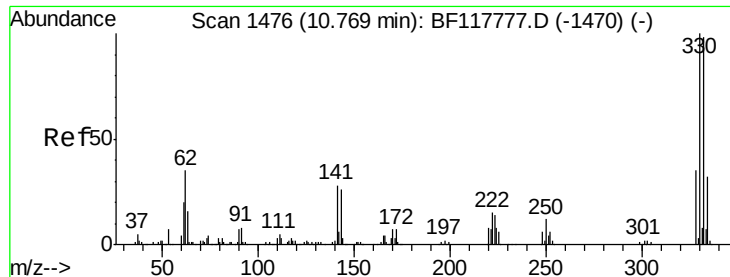
Tot Ion: 82 Resp: 652824
Ion Ratio Lower Upper
82 100
128 47.6 38.9 58.3
54 50.7 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF117916.D
Acq: 21 Nov 2019 17:00

Tgt Ion:164 Resp: 319969
Ion Ratio Lower Upper
164 100
162 100.5 81.3 121.9
160 43.9 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 87.939 ng

RT: 10.76 min Scan# 1474

Delta R.T. -0.01 min

Lab File: BF117916.D

Acq: 21 Nov 2019 17:00

Instrument :

BNA_F

ClientSampleId :

1-(6-8)

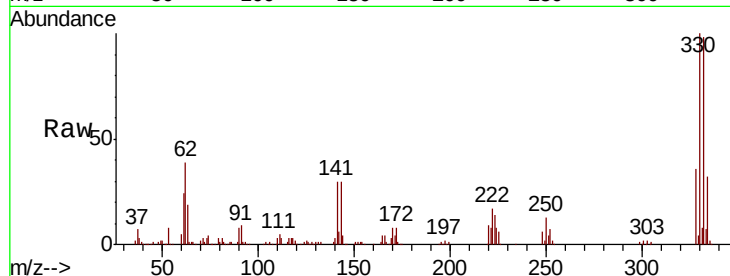
Tot Ion:330 Resp: 297890

Ion Ratio Lower Upper

330 100

332 96.4 76.7 115.1

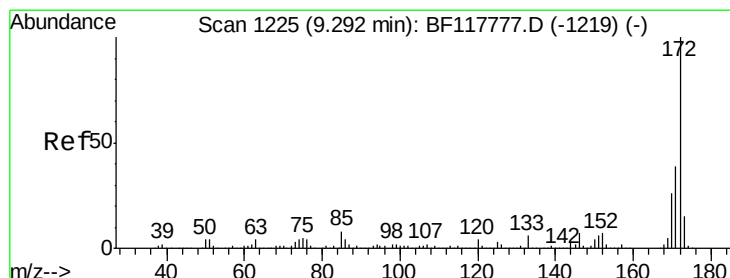
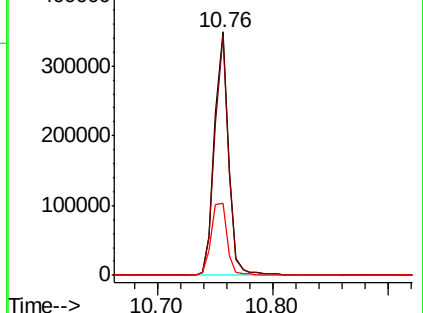
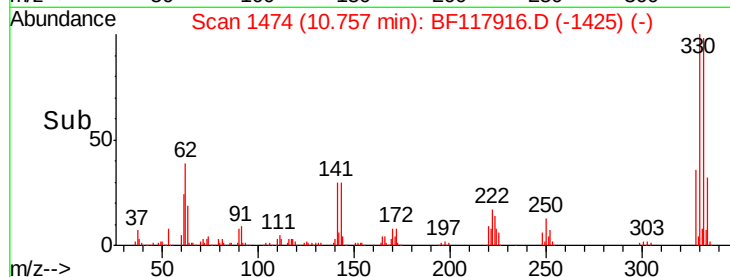
141 33.9 27.7 41.5



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: 69.370 ng

RT: 9.28 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BF117916.D

Acq: 21 Nov 2019 17:00

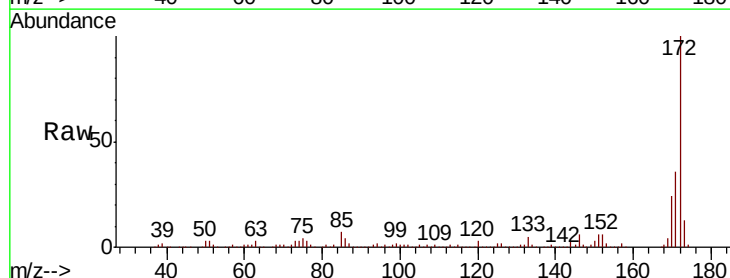
Tgt Ion:172 Resp: 1237222

Ion Ratio Lower Upper

172 100

171 36.0 30.9 46.3

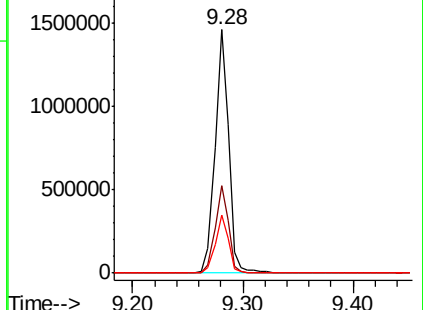
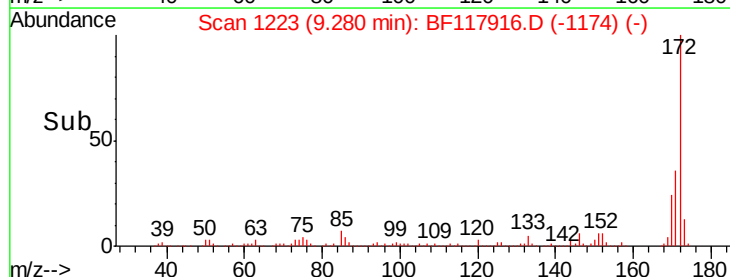
170 24.1 21.0 31.4

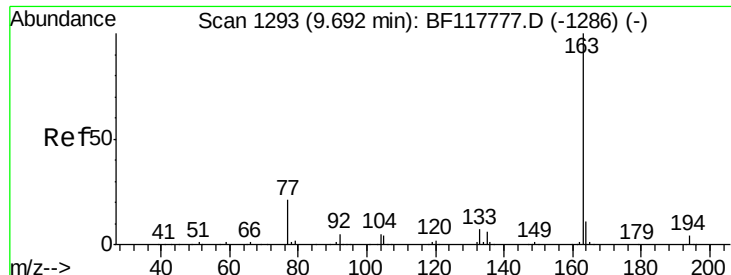


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

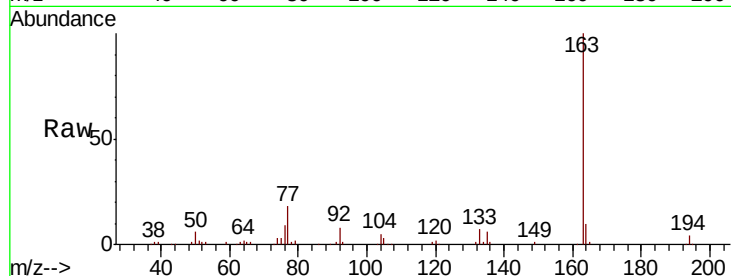




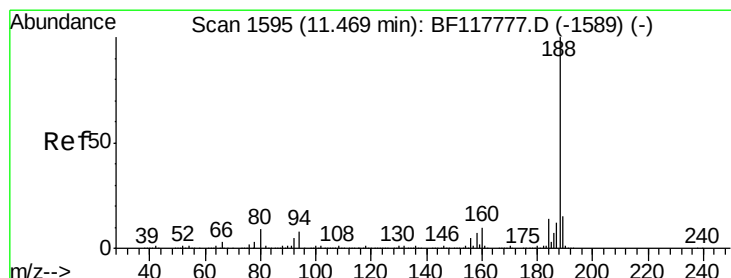
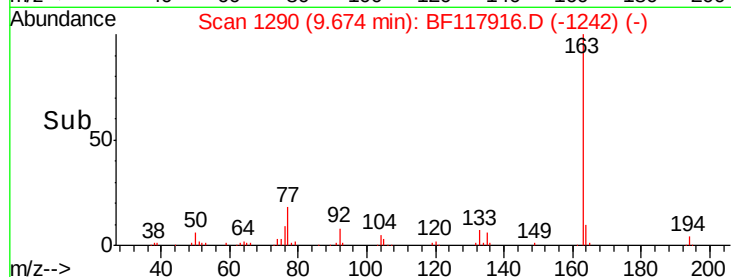
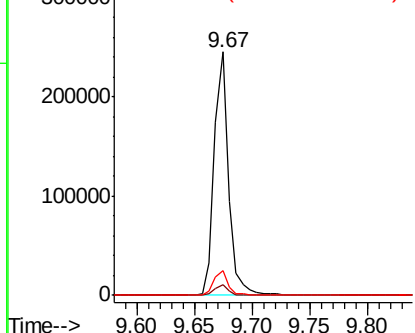
#50
Dimethylphthalate
Concen: 9.412 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117916.D
Acq: 21 Nov 2019 17:00

Instrument :
BNA_F
ClientSampleId :
1-(6-8)

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.3	4.9
164	9.9	8.7	13.1

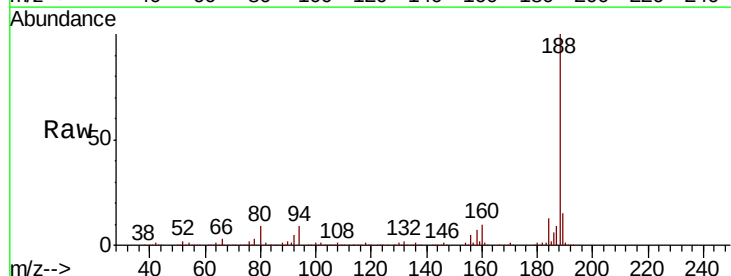


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

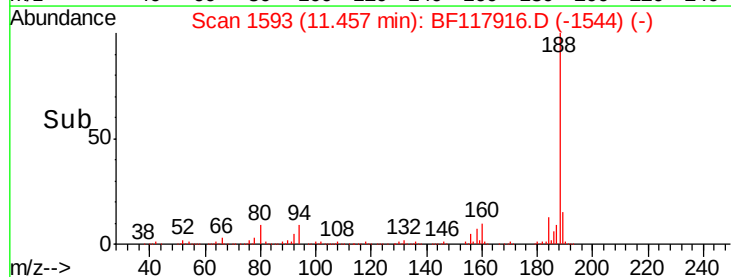
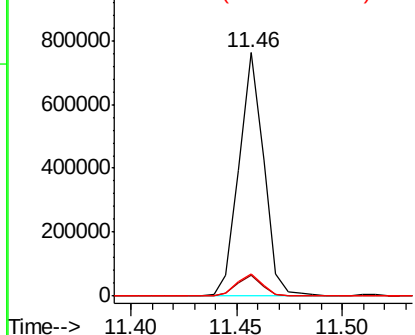


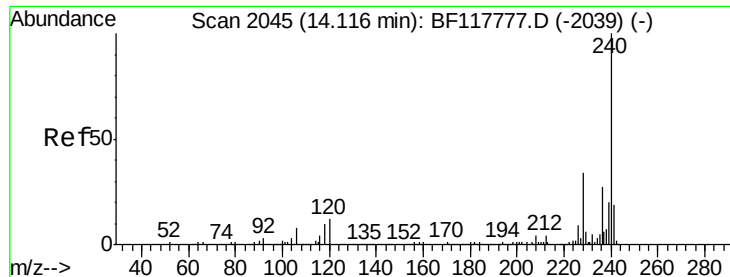
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF117916.D
Acq: 21 Nov 2019 17:00

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.6	10.0
80	9.1	7.2	10.8



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

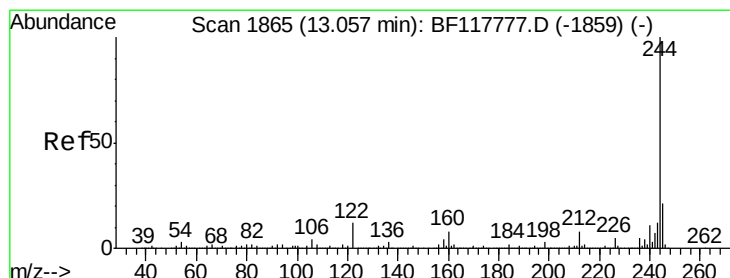
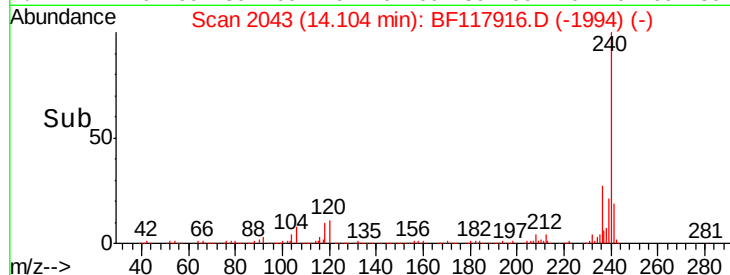
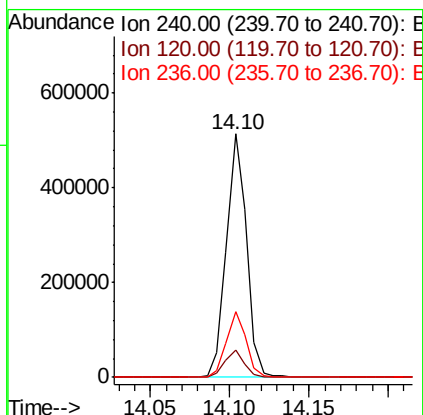
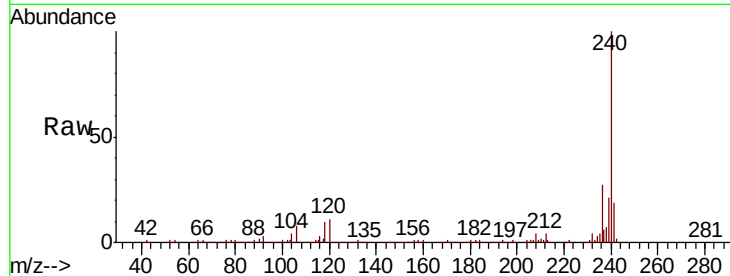




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. -0.01 min
 Lab File: BF117916.D
 Acq: 21 Nov 2019 17:00

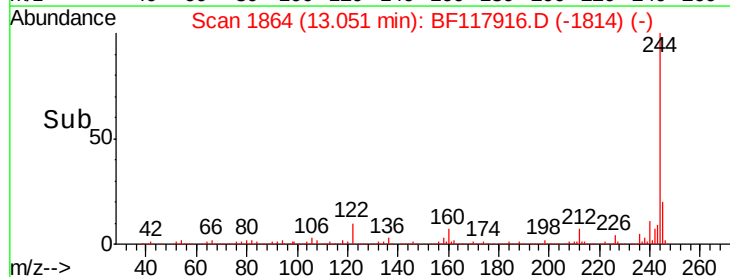
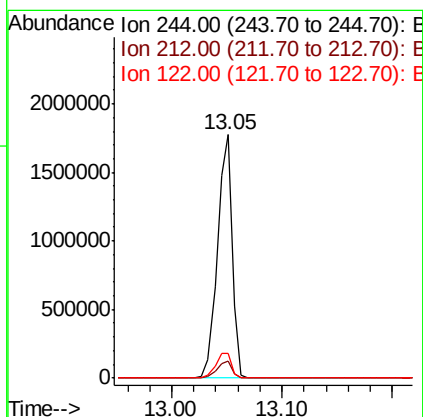
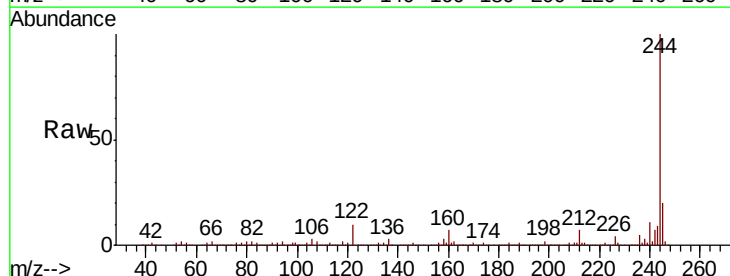
Instrument :
 BNA_F
 ClientSampleId :
 1-(6-8)

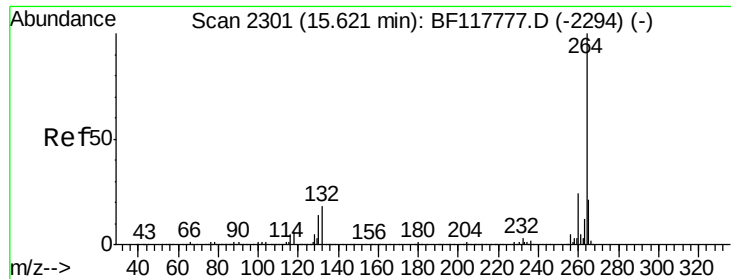
Tot Ion:240 Resp: 454243
 Ion Ratio Lower Upper
 240 100
 120 11.2 9.5 14.3
 236 26.8 21.3 31.9



#79
 Terphenyl-d14
 Concen: 65.691 ng
 RT: 13.05 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: BF117916.D
 Acq: 21 Nov 2019 17:00

Tgt Ion:244 Resp: 1632708
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.3 9.5
 122 10.1 9.4 14.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.62 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BF117916.D
Acq: 21 Nov 2019 17:00

Instrument :
BNA_F
ClientSampleId :
1-(6-8)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.0
265	21.5	17.1	25.7

