

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
 Data File : BF115534.D
 Acq On : 12 Jul 2019 18:51
 Operator : HP/JU
 Sample : K3618-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-071119

Quant Time: Jul 13 01:58:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

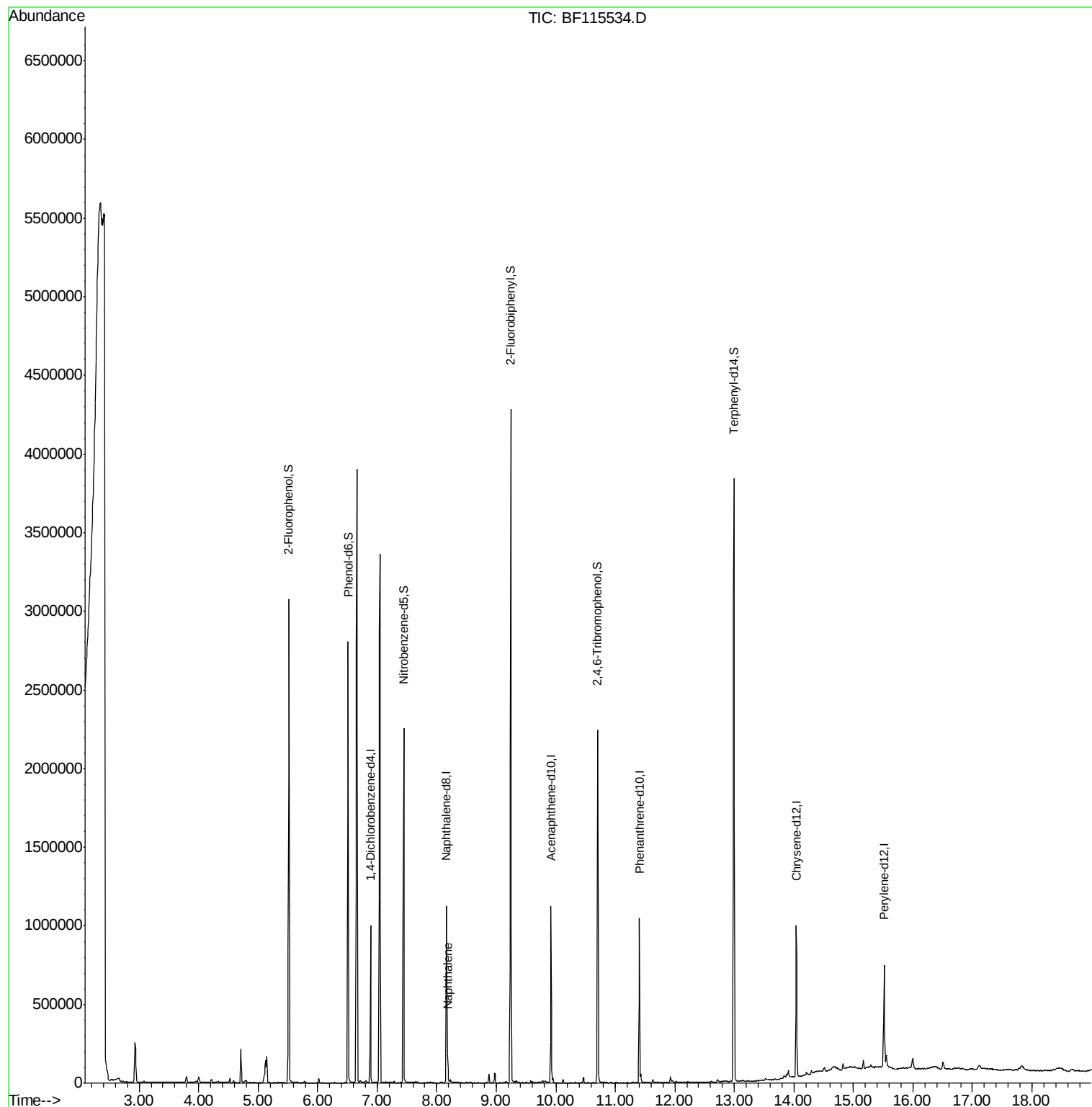
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	144786	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	510878	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	224175	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	357924	20.00	ng	0.00
76) Chrysene-d12	14.04	240	306926	20.00	ng	-0.01
87) Perylene-d12	15.52	264	318625	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	989898	111.83	ng	0.01
7) Phenol-d6	6.51	99	1129159	100.53	ng	0.00
23) Nitrobenzene-d5	7.45	82	856485	97.48	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	315612	120.62	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1467122	114.55	ng	0.00
79) Terphenyl-d14	12.99	244	1370320	82.38	ng	0.00
Target Compounds						
31) Naphthalene	8.19	128	71415	2.886	ng	Qvalue 96

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
Data File : BF115534.D
Acq On : 12 Jul 2019 18:51
Operator : HP/JU
Sample : K3618-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-02-071119

Quant Time: Jul 13 01:58:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration



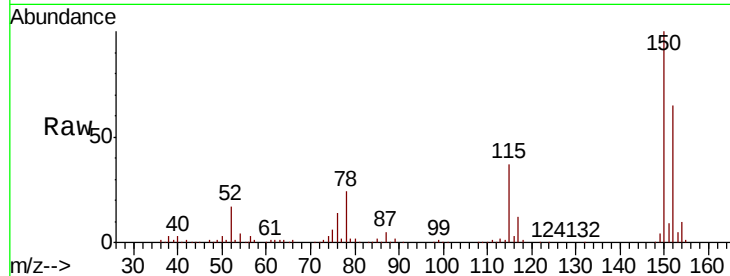


#1

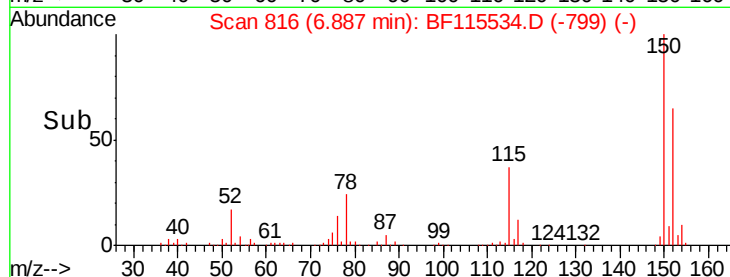
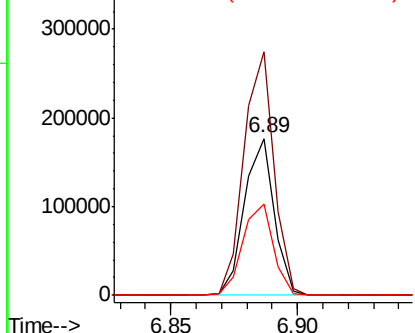
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF115534.D
Acq: 12 Jul 2019 18:51

Instrument :
BNA_F
ClientSampleId :
HD-02-071119

Tot Ion:152 Resp: 144786
Ion Ratio Lower Upper
152 100
150 154.9 129.7 194.5
115 58.0 48.2 72.4



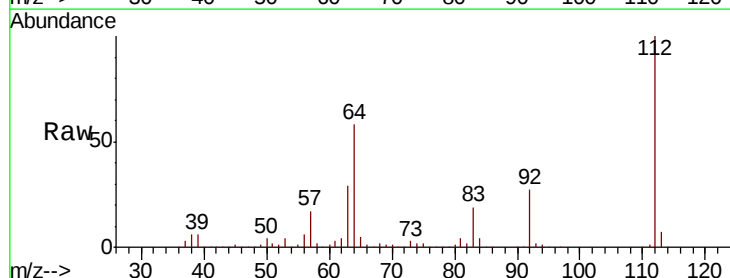
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



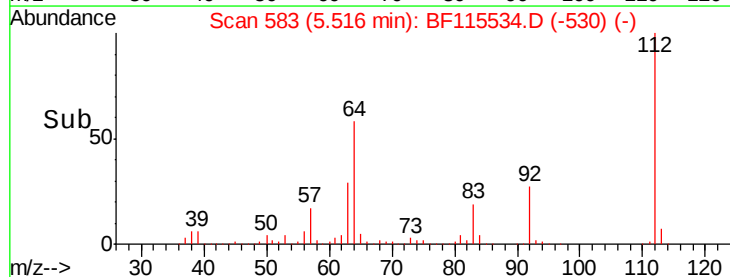
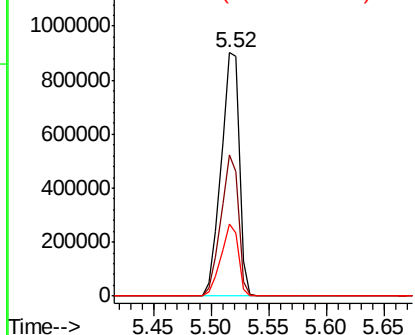
#5

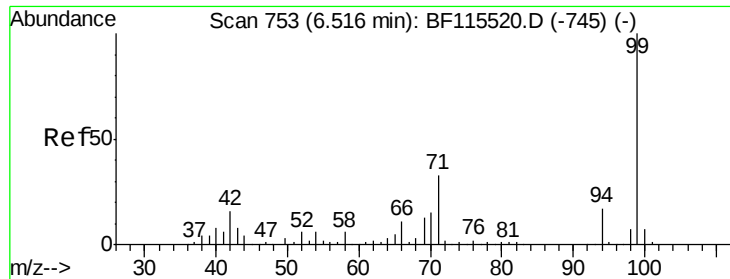
2-Fluorophenol
Concen: 111.833 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF115534.D
Acq: 12 Jul 2019 18:51

Tgt Ion:112 Resp: 989898
Ion Ratio Lower Upper
112 100
64 58.2 46.8 70.2
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: 100.534 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF115534.D

Acq: 12 Jul 2019 18:51

Instrument :

BNA_F

ClientSampleId :

HD-02-071119

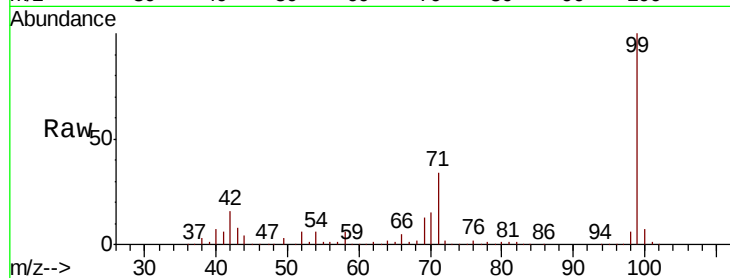
Tot Ion: 99 Resp: 1129159

Ion Ratio Lower Upper

99 100

42 16.3 13.6 20.4

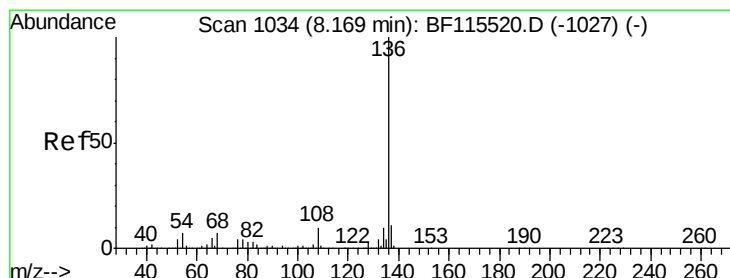
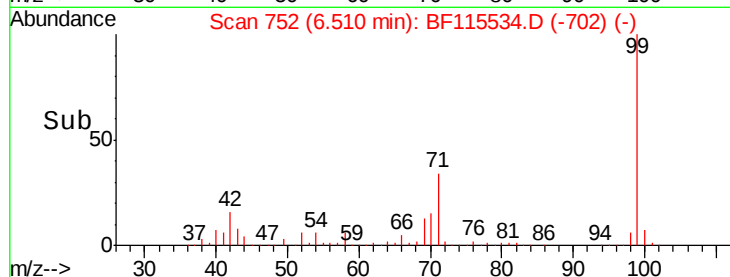
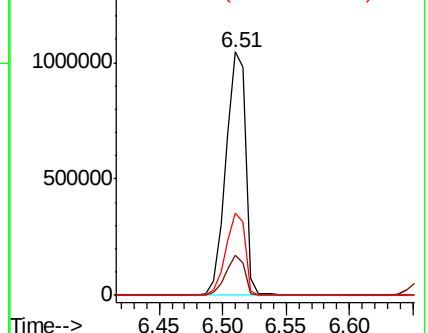
71 34.0 28.5 42.7



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: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF115534.D

Acq: 12 Jul 2019 18:51

Tgt Ion: 136 Resp: 510878

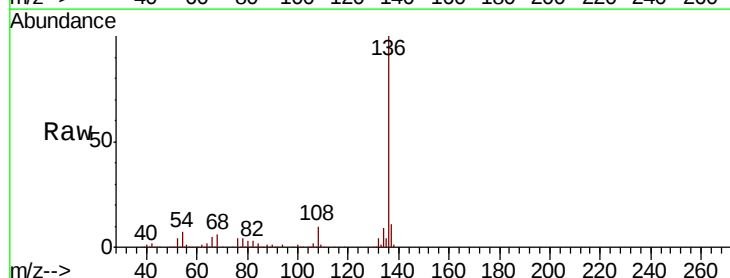
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 6.7 5.6 8.4

68 6.4 5.0 7.6

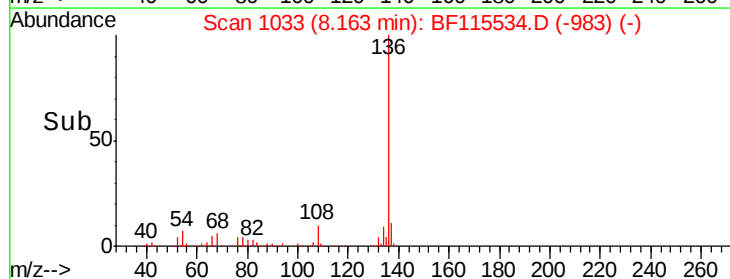
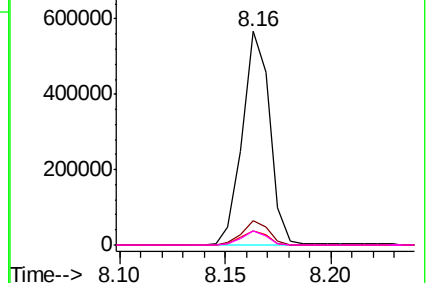


Abundance Ion 136.00 (135.70 to 136.70): E

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

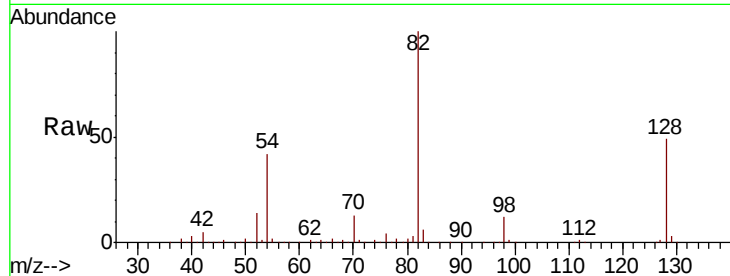




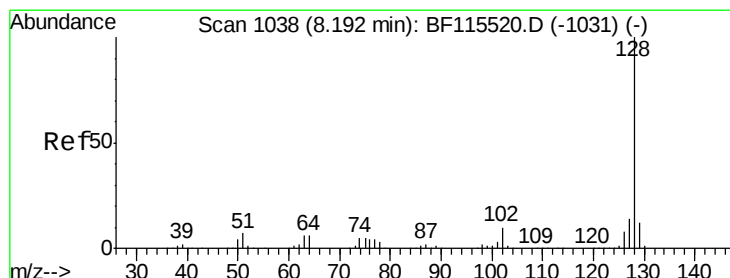
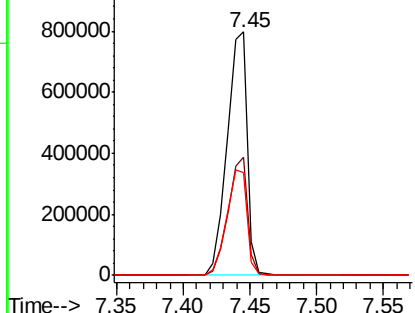
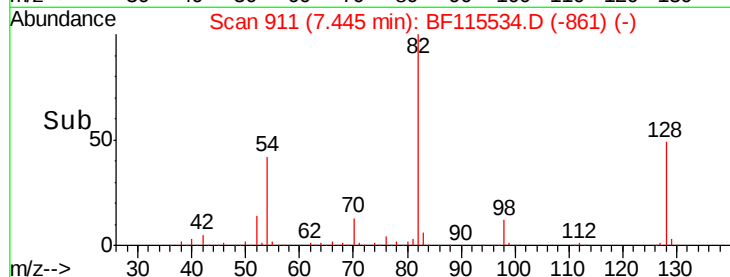
#23
 Nitrobenzene-d5
 Concen: 97.483 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF115534.D
 Acq: 12 Jul 2019 18:51

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-071119

Tot Ion	82	Resp	856485
Ion Ratio	100	Lower	Upper
128	48.7	38.6	57.8
54	42.4	35.6	53.4

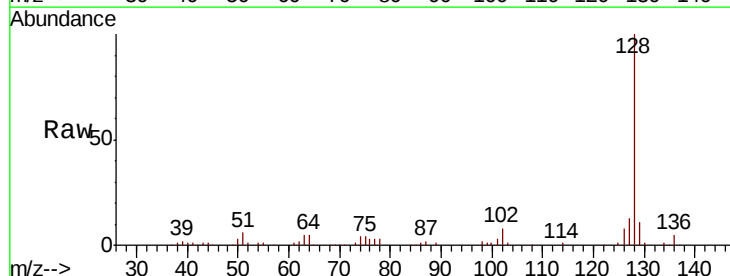


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

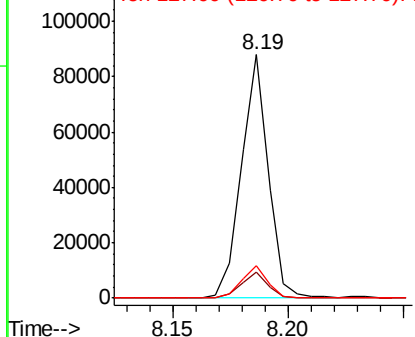
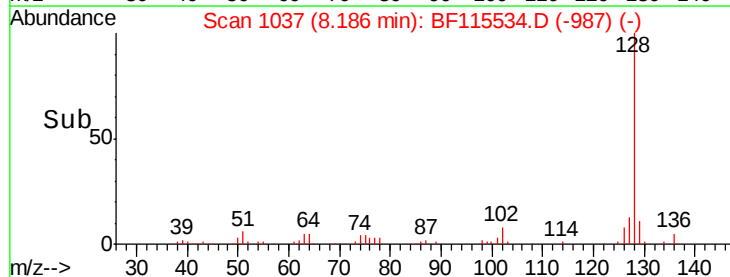


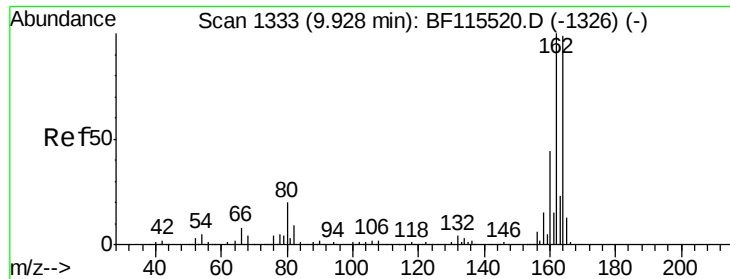
#31
 Naphthalene
 Concen: 2.886 ng
 RT: 8.19 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF115534.D
 Acq: 12 Jul 2019 18:51

Tgt Ion	128	Resp	71415
Ion Ratio	100	Lower	Upper
129	10.9	9.9	14.9
127	13.1	12.1	18.1



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

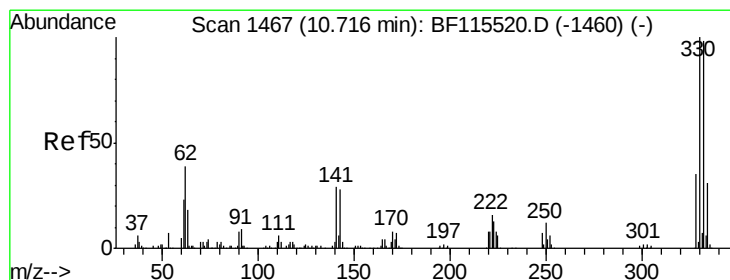
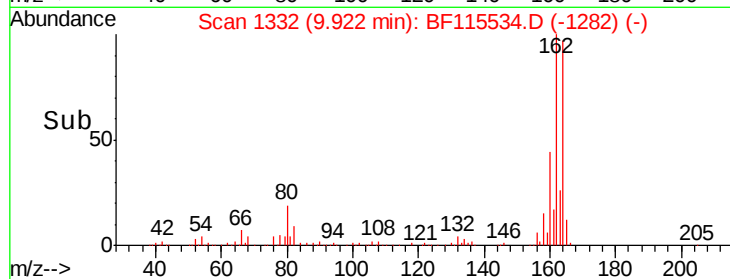
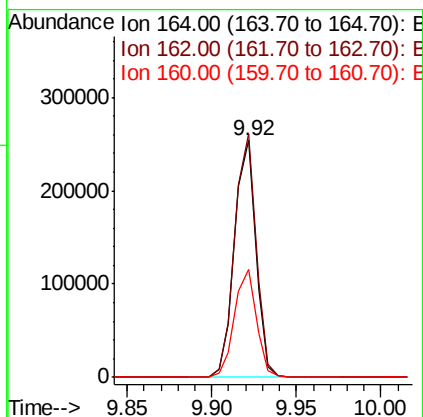
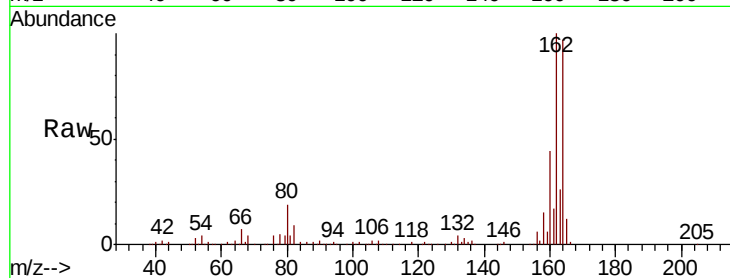




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BF115534.D
 Acq: 12 Jul 2019 18:51

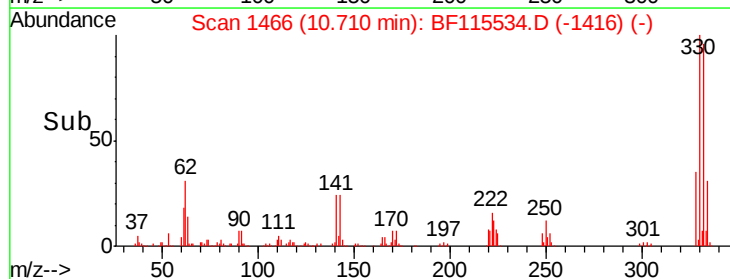
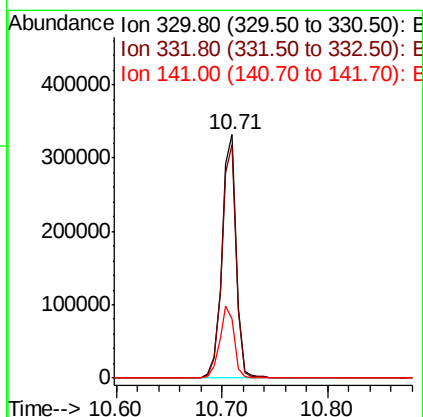
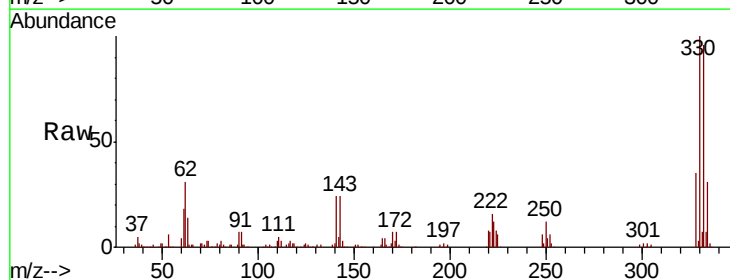
Instrument :
 BNA_F
 ClientSampleId :
 HD-02-071119

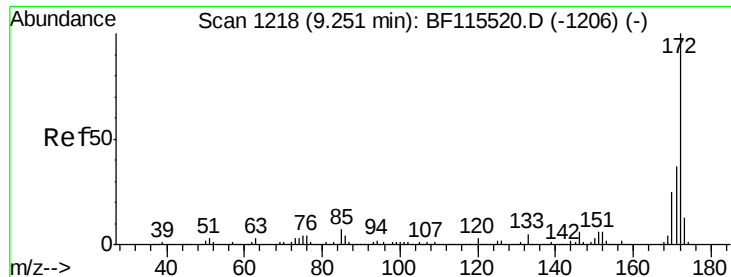
Tot Ion:164 Resp: 224175
 Ion Ratio Lower Upper
 164 100
 162 102.7 82.9 124.3
 160 45.5 36.8 55.2



#42
 2,4,6-Tribromophenol
 Concen: 120.616 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF115534.D
 Acq: 12 Jul 2019 18:51

Tgt Ion:330 Resp: 315612
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.4 116.2
 141 30.1 22.4 33.6



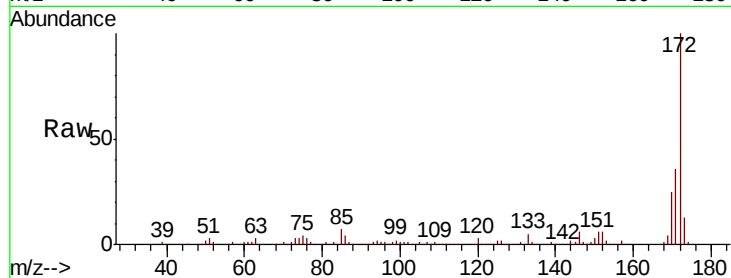


#45
2-Fluorobiphenyl
Concen: 114.548 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF115534.D
Acq: 12 Jul 2019 18:51

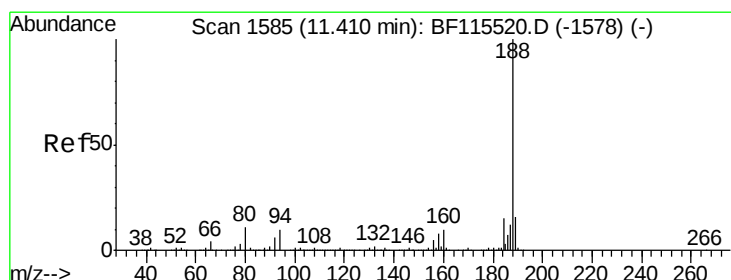
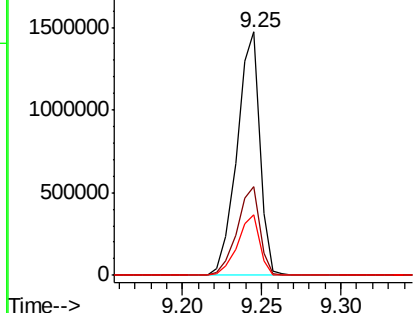
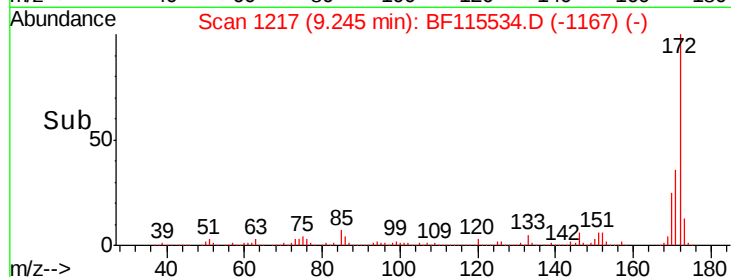
Instrument :
BNA_F
ClientSampleId :
HD-02-071119

Tot Ion:172 Resp: 1467122

Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.6	46.0
170	25.1	20.5	30.7



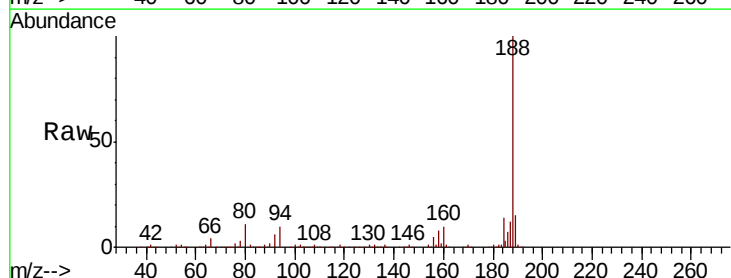
Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



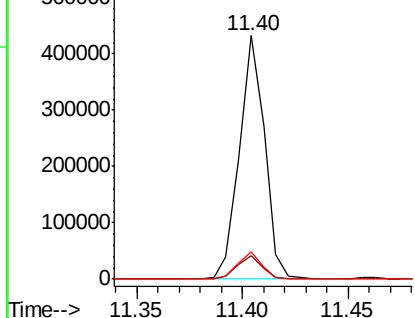
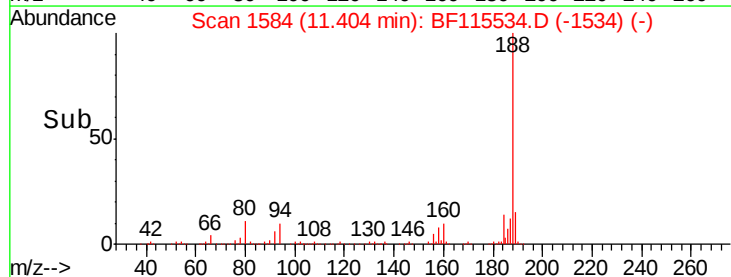
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115534.D
Acq: 12 Jul 2019 18:51

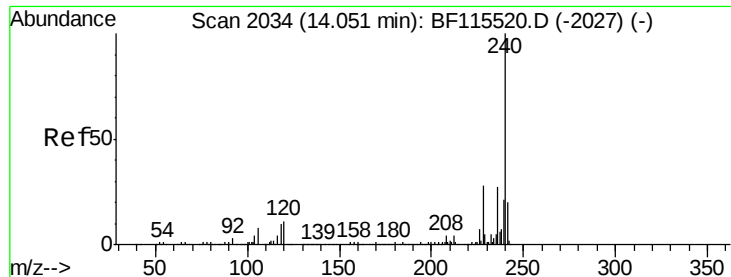
Tgt Ion:188 Resp: 357924

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.8	11.6
80	11.0	8.6	13.0



Abundance Ion 188.00 (187.70 to 188.70): E
600000 Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

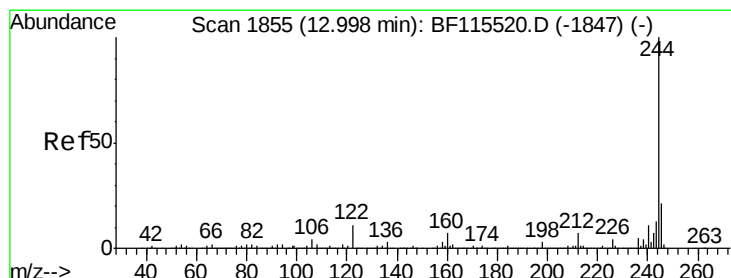
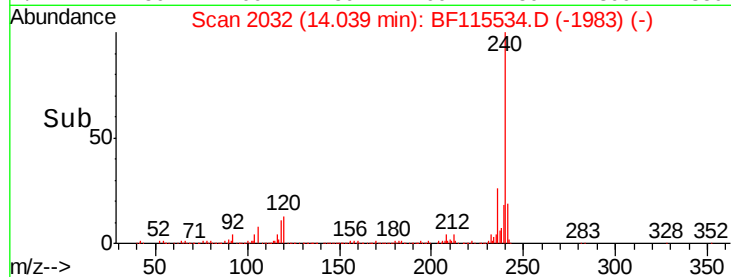
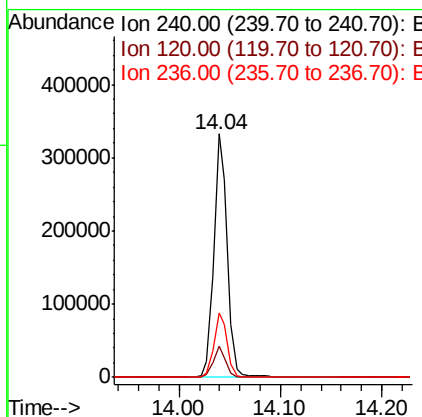
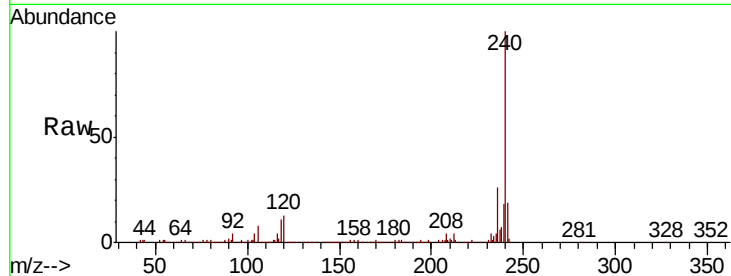




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF115534.D
 Acq: 12 Jul 2019 18:51

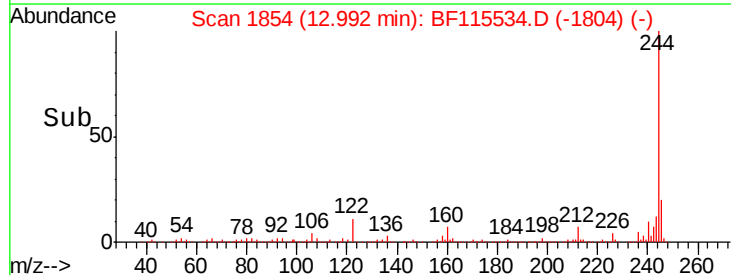
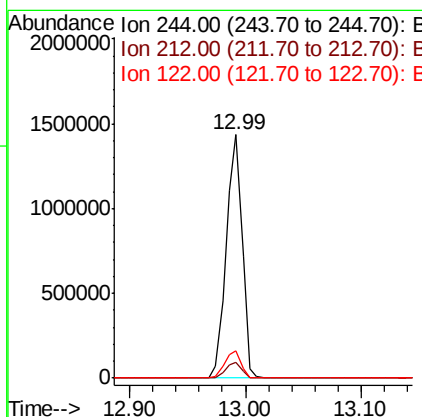
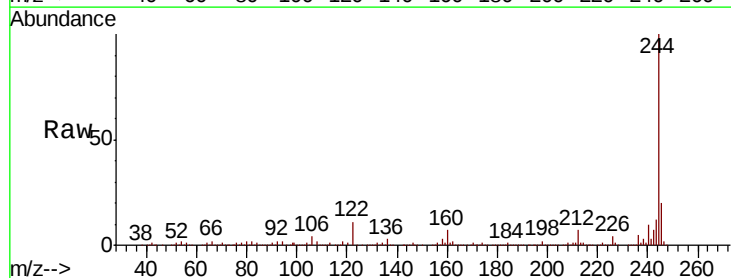
Instrument :
 BNA_F
 ClientSampleId :
 HD-02-071119

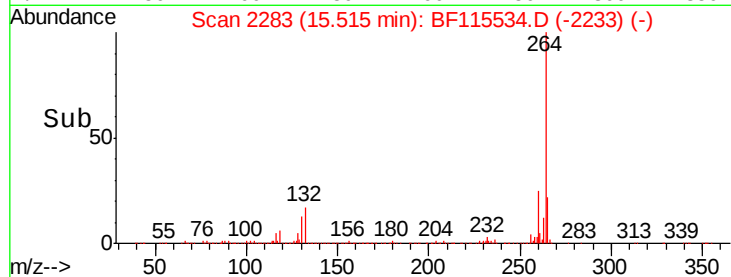
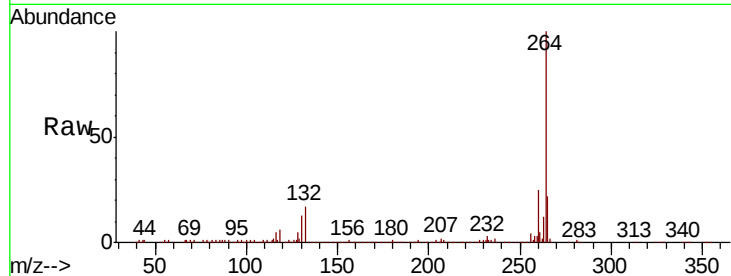
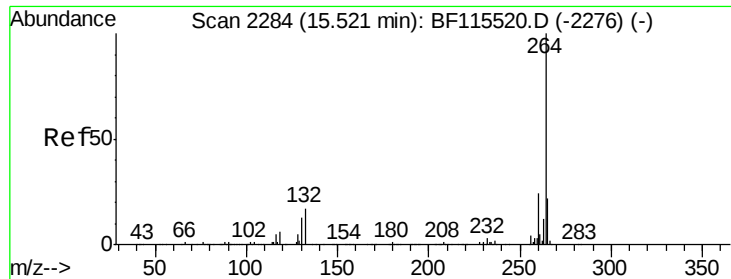
Tot Ion:240 Resp: 306926
 Ion Ratio Lower Upper
 240 100
 120 12.6 8.6 13.0
 236 26.5 21.3 31.9



#79
 Terphenyl-d14
 Concen: 82.380 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF115534.D
 Acq: 12 Jul 2019 18:51

Tgt Ion:244 Resp: 1370320
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.0 9.0
 122 11.3 8.6 12.8





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.01 min
Lab File: BF115534.D
Acq: 12 Jul 2019 18:51

Instrument :
BNA_F
ClientSampleId :
HD-02-071119

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.8
265	21.9	17.7	26.5

