

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071919\
 Data File : BF115698.D
 Acq On : 20 Jul 2019 3:23
 Operator : HP/JU
 Sample : K3887-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AOC-7(4)

Quant Time: Jul 20 05:16:36 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	6.88	152	209249	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	771557	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	327406	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	482845	20.00	ng	0.00
76) Chrysene-d12	14.04	240	271623	20.00	ng	0.00
87) Perylene-d12	15.52	264	222377	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1341995	104.90	ng	0.02
7) Phenol-d6	6.52	99	1574680	97.01	ng	0.00
23) Nitrobenzene-d5	7.45	82	1188530	89.57	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	384791	100.69	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1902162	101.69	ng	-0.01
79) Terphenyl-d14	12.99	244	1473948	100.13	ng	0.00

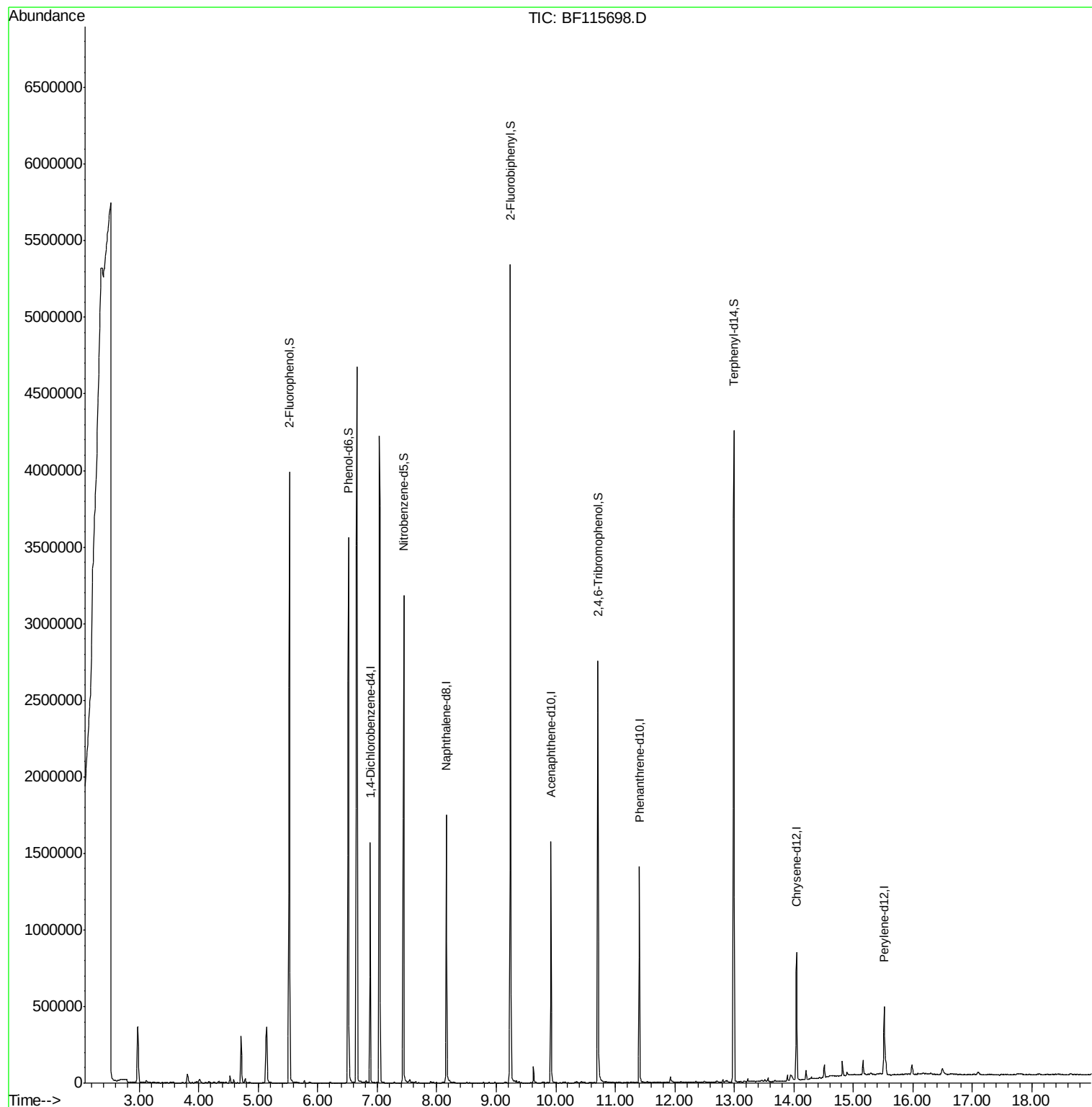
Target Compounds Qvalue

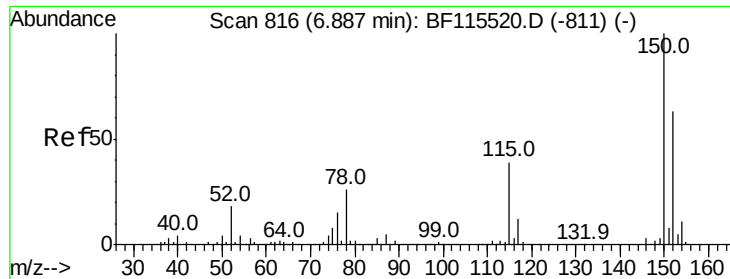
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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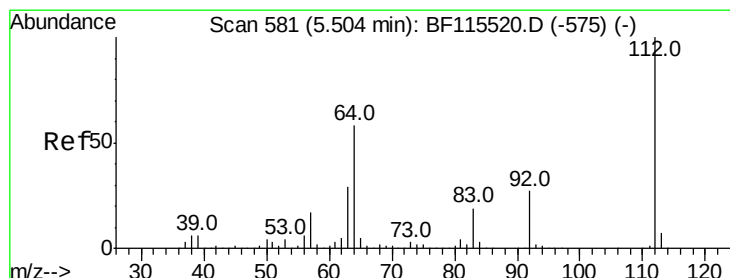
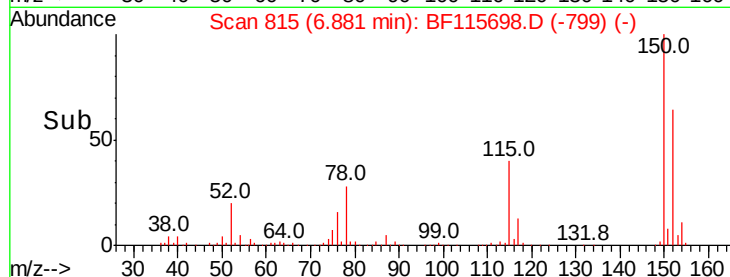
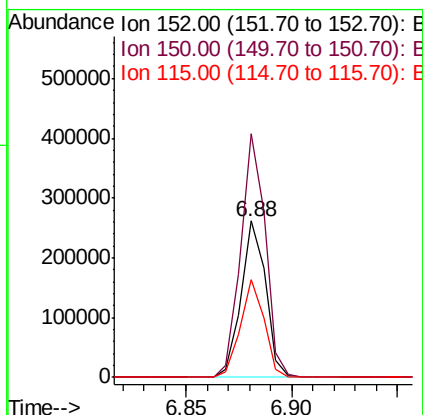
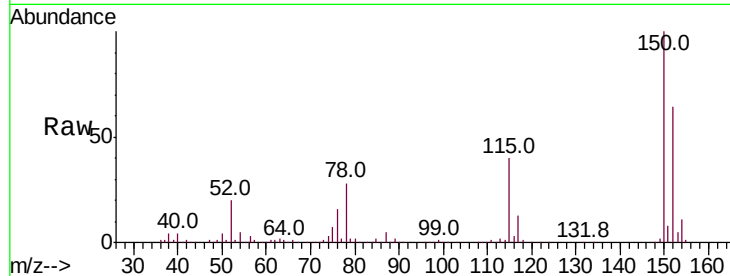


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115698.D
Acq: 20 Jul 2019 3:23

Instrument :
BNA_F
ClientSampled :
AOC-7(4)

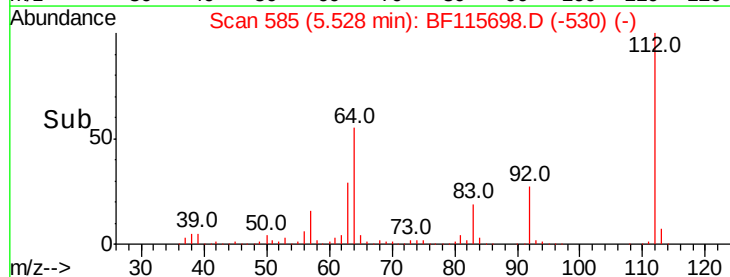
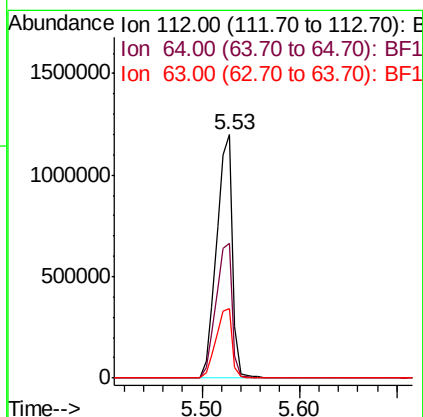
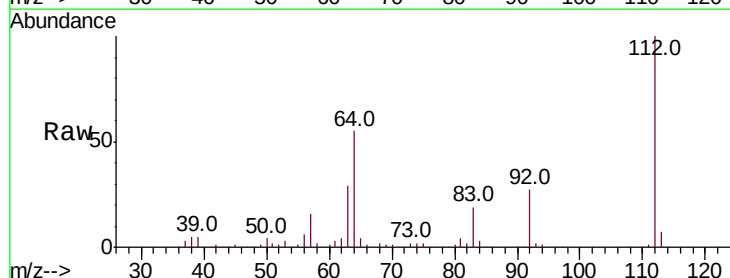
Tot Ion:152 Resp: 209249
Ion Ratio Lower Upper
152 100
150 156.1 129.7 194.5
115 62.7 48.2 72.4

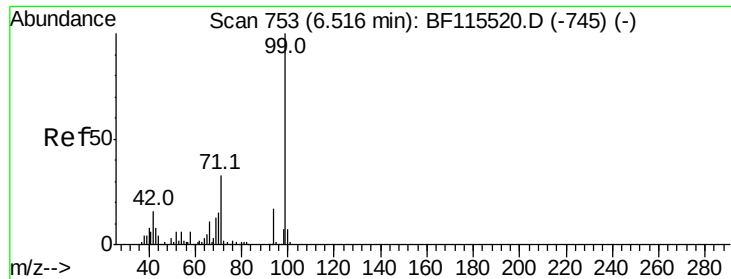


#5

2-Fluorophenol
Concen: 104.904 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.02 min
Lab File: BF115698.D
Acq: 20 Jul 2019 3:23

Tgt Ion:112 Resp: 1341995
Ion Ratio Lower Upper
112 100
64 55.3 46.8 70.2
63 28.7 24.1 36.1





#7

Phenol-d6

Concen: 97.009 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF115698.D

Acq: 20 Jul 2019 3:23

Instrument :

BNA_F

ClientSampleId :

AOC-7(4)

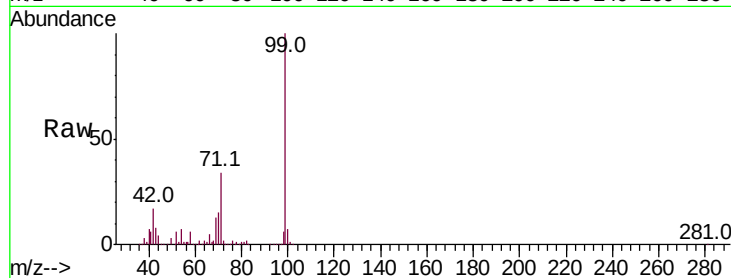
Tot Ion: 99 Resp: 1574680

Ion Ratio Lower Upper

99 100

42 16.8 13.6 20.4

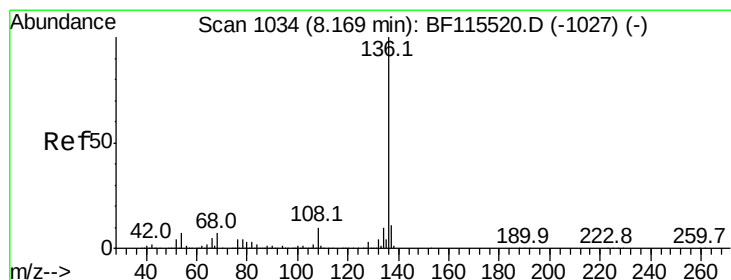
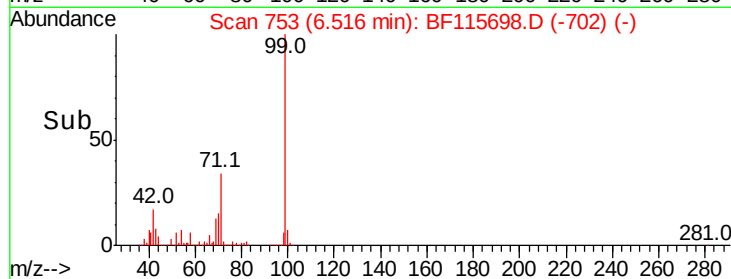
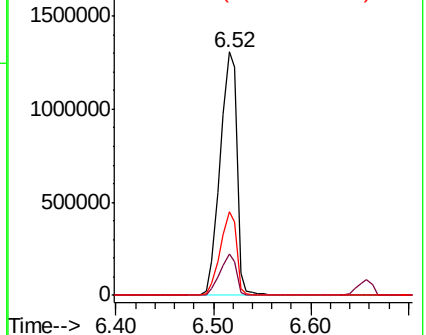
71 34.4 28.5 42.7



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: BF115698.D

Acq: 20 Jul 2019 3:23

Tgt Ion: 136 Resp: 771557

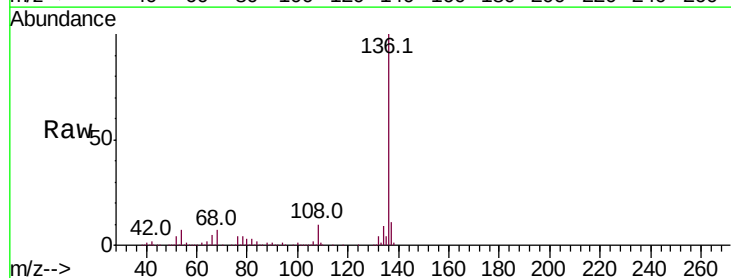
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 7.0 5.6 8.4

68 6.5 5.0 7.6

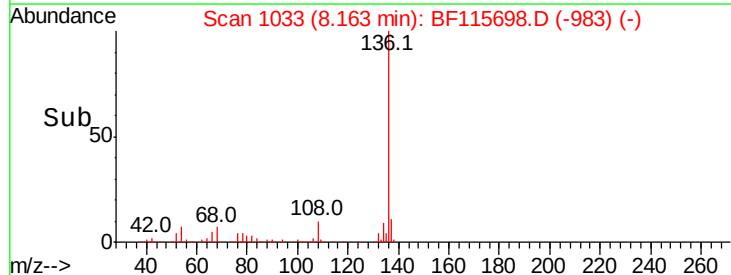
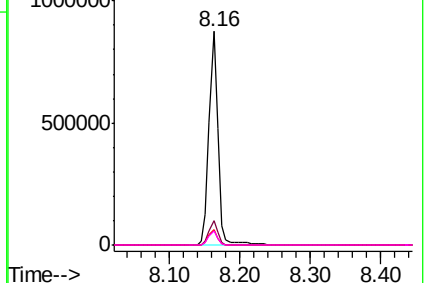


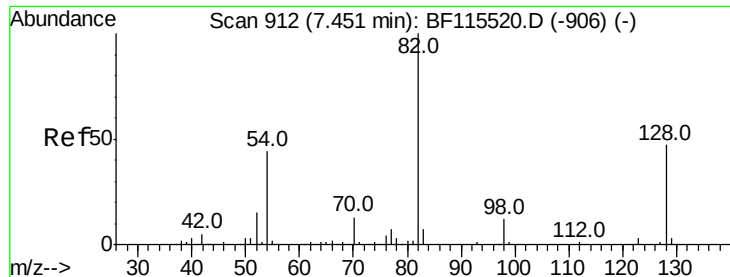
Abundance Ion 136.00 (135.70 to 136.70): E

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



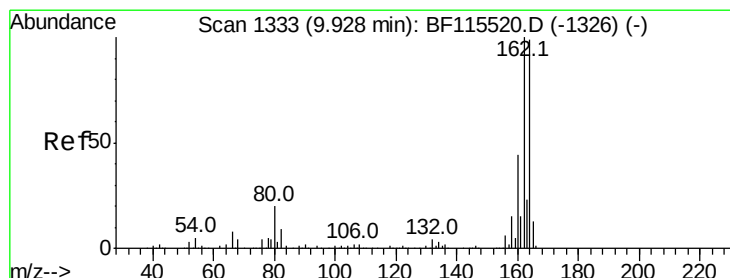
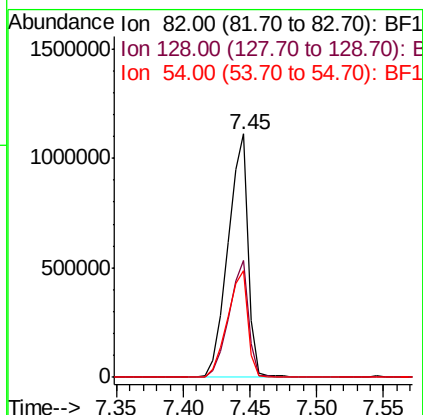
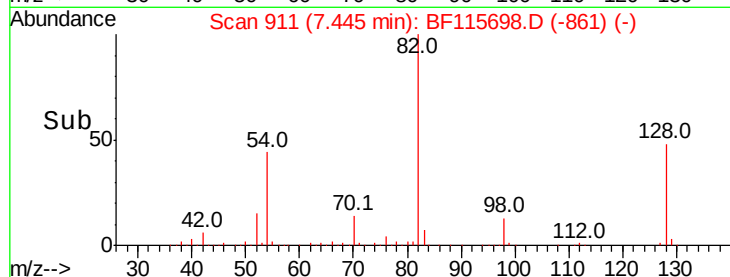
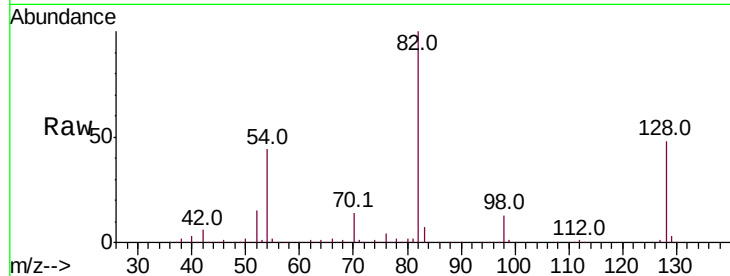


#23
 Nitrobenzene-d5
 Concen: 89.571 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF115698.D
 Acq: 20 Jul 2019 3:23

Instrument :
 BNA_F
 ClientSampled :
 AOC-7(4)

Tot Ion: 82 Resp: 1188530

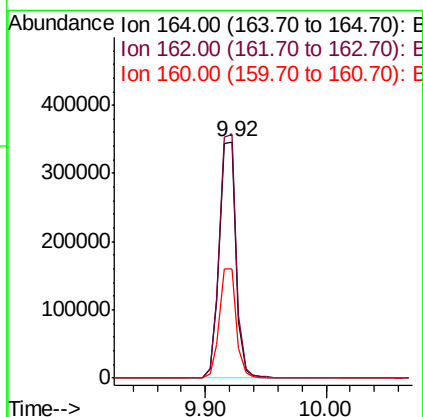
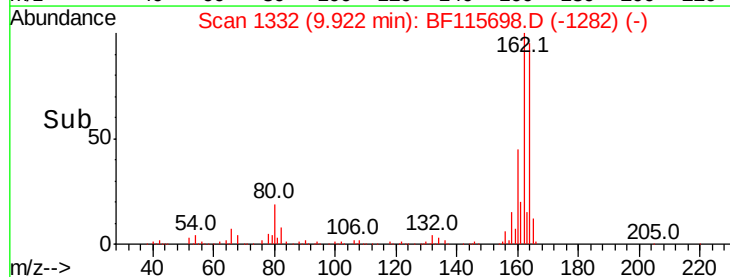
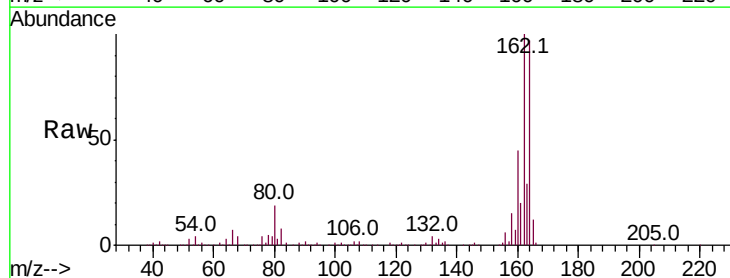
Ion	Ratio	Lower	Upper
82	100		
128	47.9	38.6	57.8
54	43.9	35.6	53.4

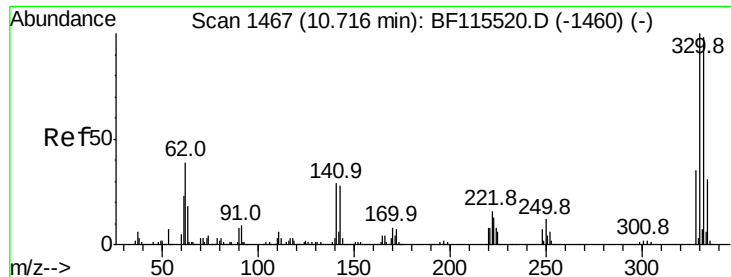


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BF115698.D
 Acq: 20 Jul 2019 3:23

Tgt Ion:164 Resp: 327406

Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.9	124.3
160	46.5	36.8	55.2





#42

2,4,6-Tribromophenol

Concen: 100.688 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF115698.D

Acq: 20 Jul 2019 3:23

Instrument :

BNA_F

ClientSampled :

AOC-7(4)

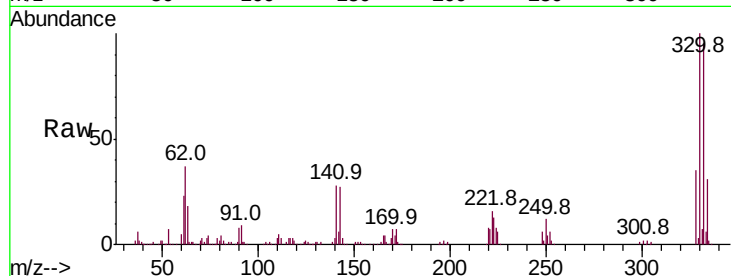
Tot Ion:330 Resp: 384791

Ion Ratio Lower Upper

330 100

332 94.9 77.4 116.2

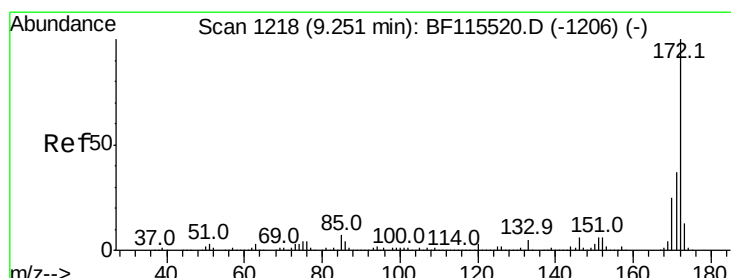
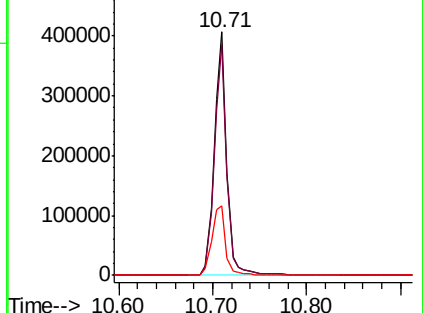
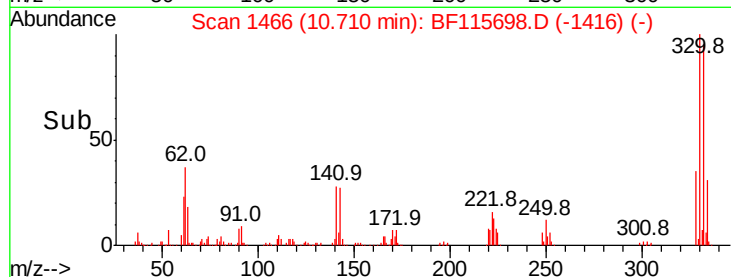
141 32.0 22.4 33.6



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: 101.688 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF115698.D

Acq: 20 Jul 2019 3:23

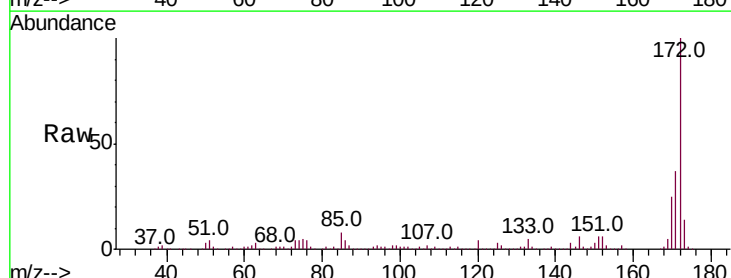
Tgt Ion:172 Resp: 1902162

Ion Ratio Lower Upper

172 100

171 37.0 30.6 46.0

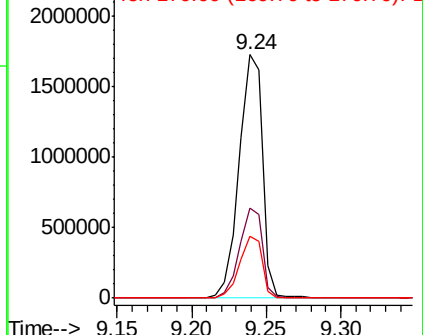
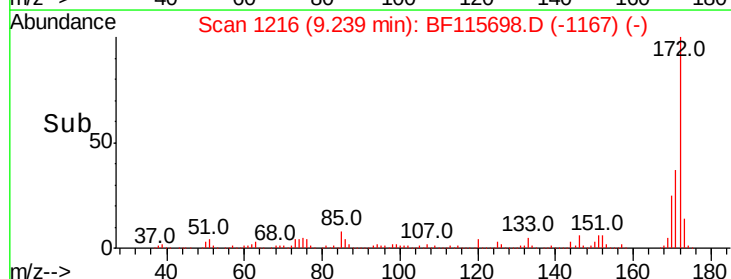
170 25.4 20.5 30.7

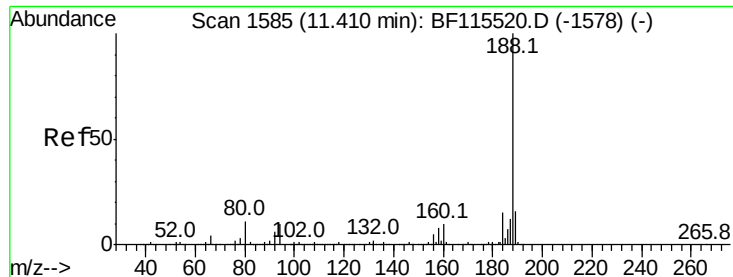


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

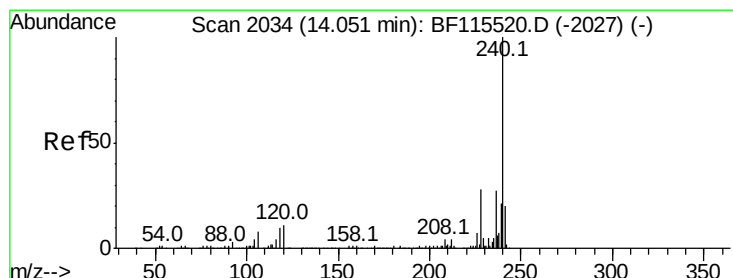
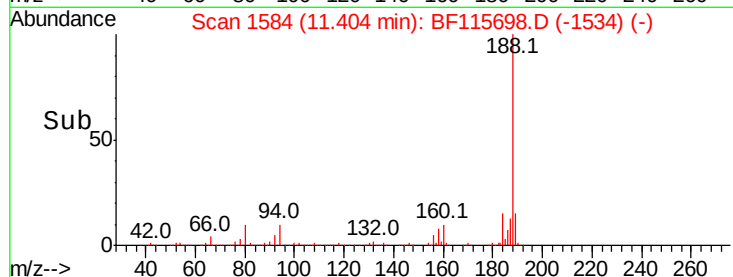
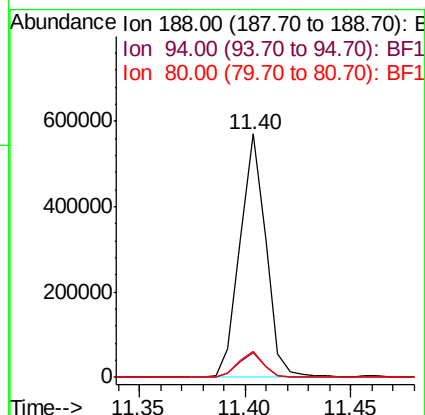
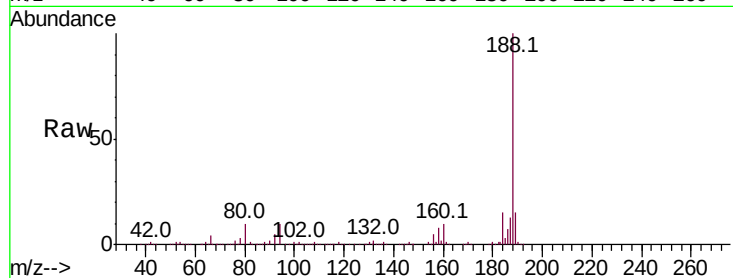




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115698.D
Acq: 20 Jul 2019 3:23

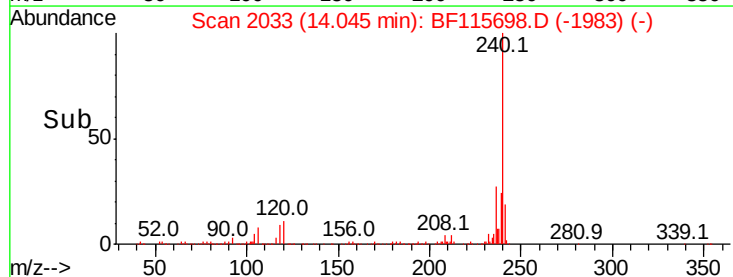
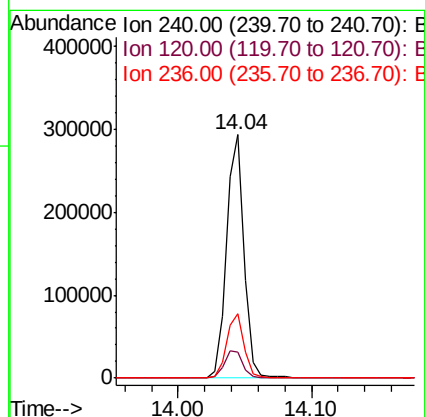
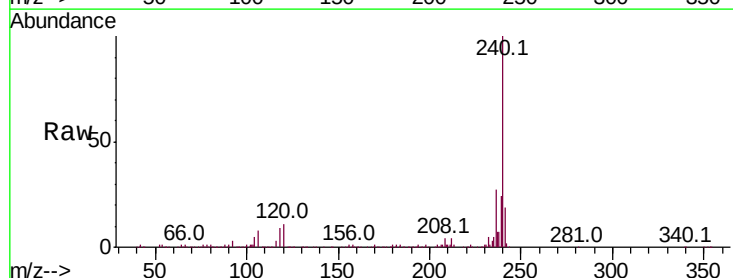
Instrument :
BNA_F
ClientSampleId :
AOC-7(4)

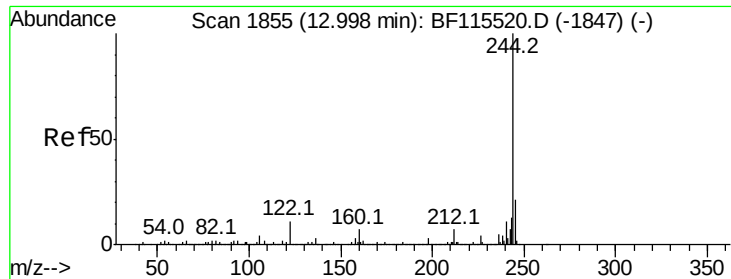
Tot Ion:188 Resp: 482845
Ion Ratio Lower Upper
188 100
94 10.3 7.8 11.6
80 10.4 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF115698.D
Acq: 20 Jul 2019 3:23

Tgt Ion:240 Resp: 271623
Ion Ratio Lower Upper
240 100
120 10.5 8.6 13.0
236 26.6 21.3 31.9



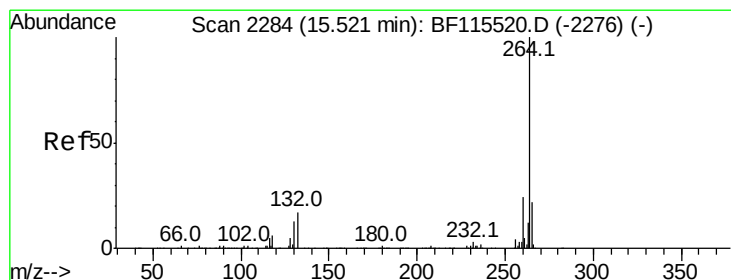
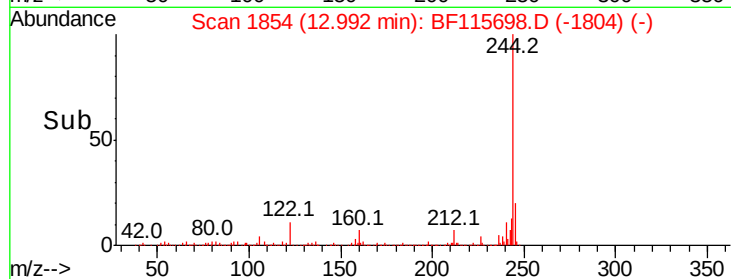
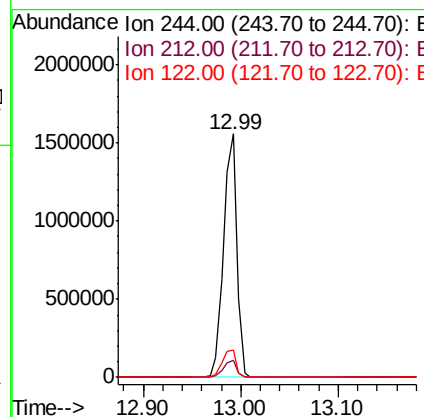
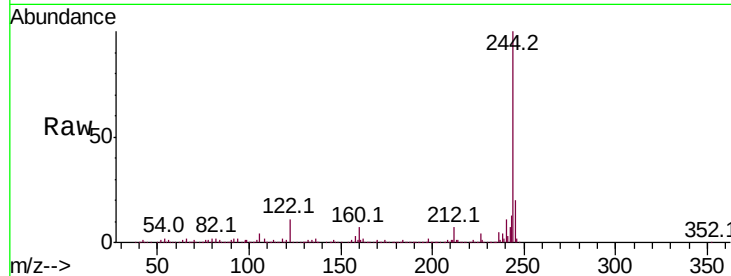


#79
 Terphenyl-d14
 Concen: 100.127 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF115698.D
 Acq: 20 Jul 2019 3:23

Instrument :
 BNA_F
 ClientSampleId :
 AOC-7(4)

Tot Ion:244 Resp: 1473948

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	11.1	8.6	12.8



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2283
 Delta R.T. -0.01 min
 Lab File: BF115698.D
 Acq: 20 Jul 2019 3:23

Tgt Ion:264 Resp: 222377

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.8	29.8
265	20.7	17.7	26.5

