

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
 Data File : BF115762.D
 Acq On : 25 Jul 2019 16:53
 Operator : HP/JU
 Sample : K3990-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-B

Quant Time: Jul 26 06:50:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 13:16:07 2019
 Response via : Initial Calibration

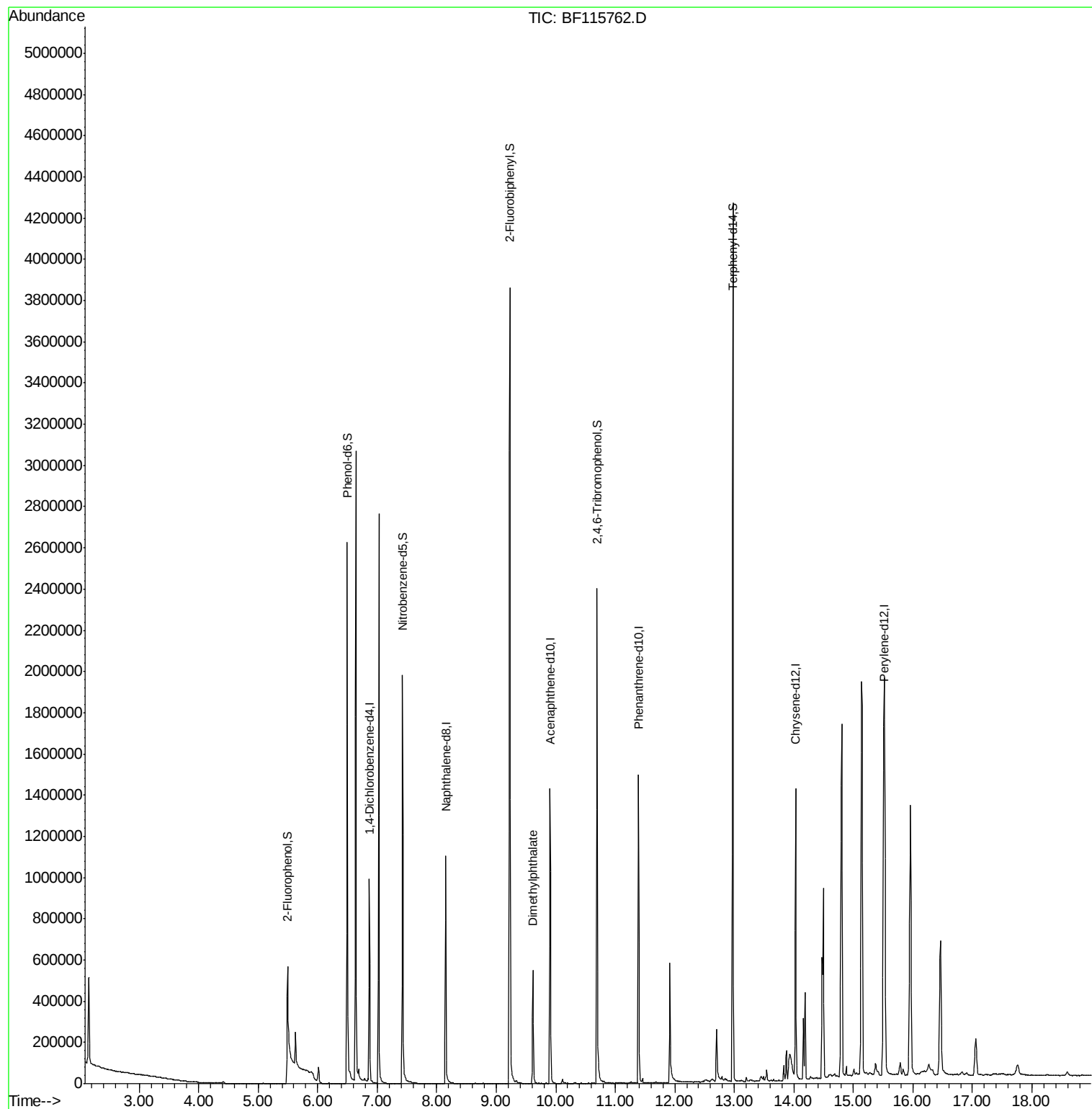
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	135145	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	530646	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	296088	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	561204	20.00	ng	0.00
76) Chrysene-d12	14.03	240	464505	20.00	ng	0.00
87) Perylene-d12	15.50	264	458893	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	449527	54.41	ng	0.00
7) Phenol-d6	6.50	99	1097333	104.67	ng	0.00
23) Nitrobenzene-d5	7.43	82	714170	78.26	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	342879	99.21	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1288354	76.16	ng	0.00
79) Terphenyl-d14	12.97	244	1619329	64.33	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.62	163	233958	10.502	ng	Qvalue 98

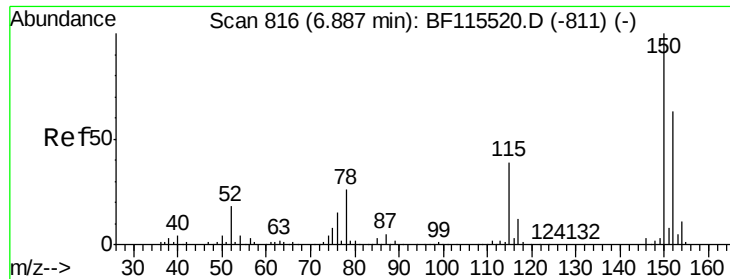
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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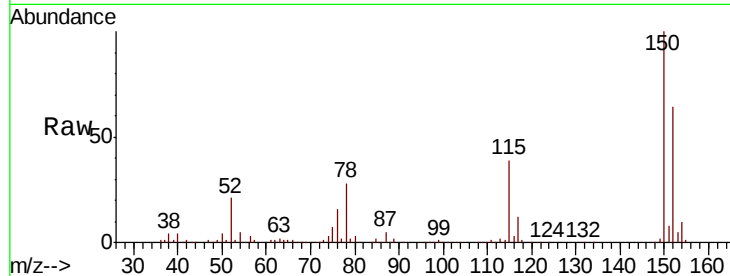


#1

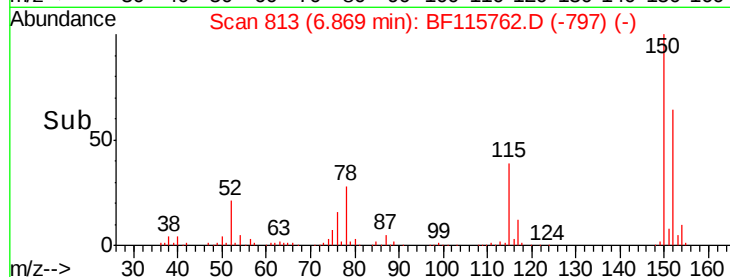
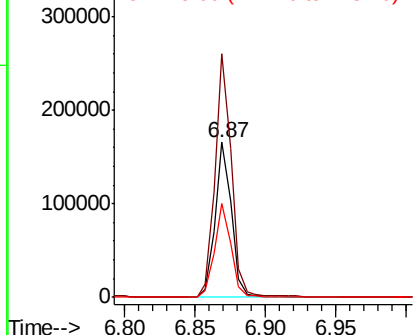
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF115762.D
 Acq: 25 Jul 2019 16:53

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-B

Tot Ion:152 Resp: 135145
 Ion Ratio Lower Upper
 152 100
 150 157.0 126.6 189.8
 115 60.8 47.8 71.6



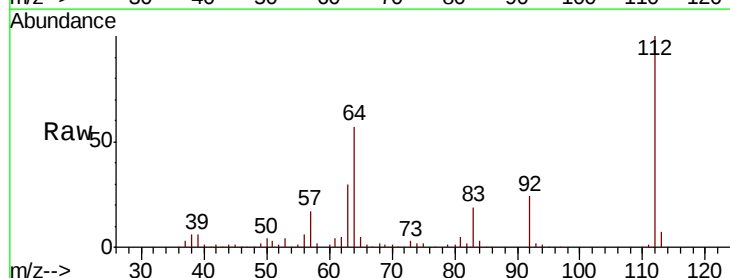
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



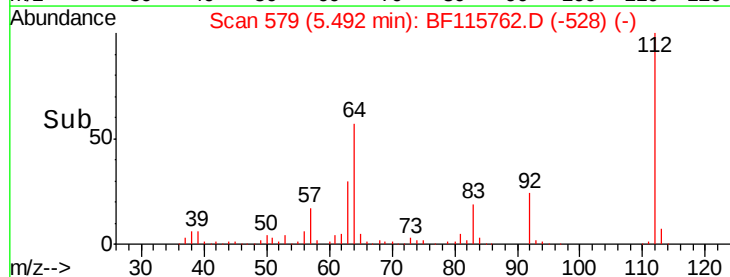
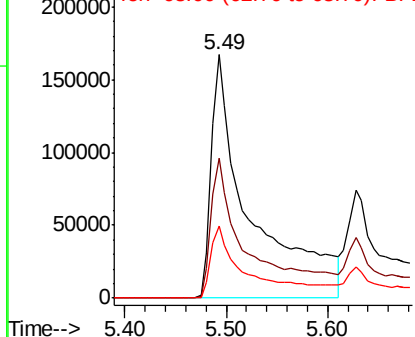
#5

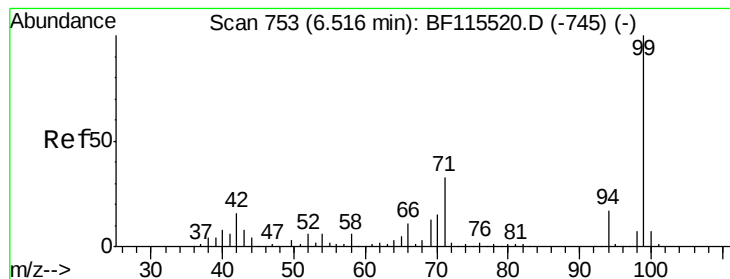
2-Fluorophenol
 Concen: 54.408 ng
 RT: 5.49 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: BF115762.D
 Acq: 25 Jul 2019 16:53

Tgt Ion:112 Resp: 449527
 Ion Ratio Lower Upper
 112 100
 64 57.4 45.8 68.8
 63 29.7 23.6 35.4



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: 104.670 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF115762.D

Acq: 25 Jul 2019 16:53

Instrument :

BNA_F

ClientSampleId :

TP-1-B

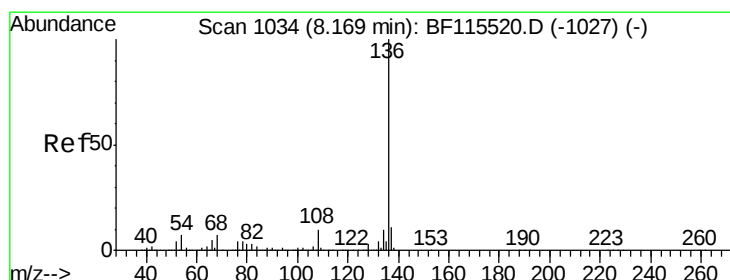
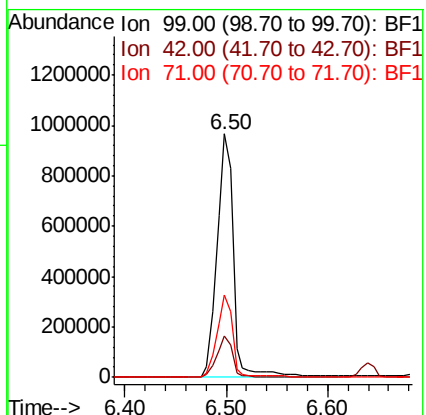
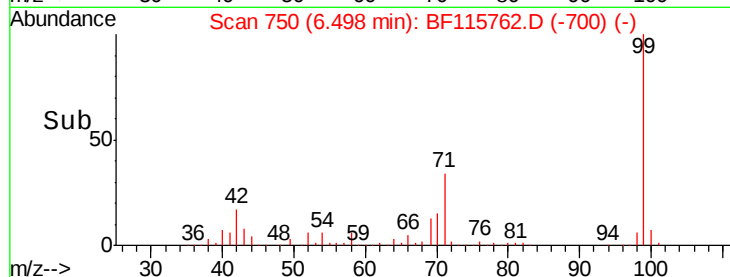
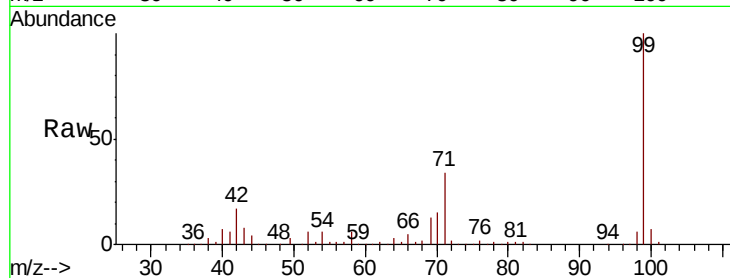
Tot Ion: 99 Resp: 1097333

Ion Ratio Lower Upper

99 100

42 17.0 13.4 20.2

71 34.0 26.7 40.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF115762.D

Acq: 25 Jul 2019 16:53

Tgt Ion: 136 Resp: 530646

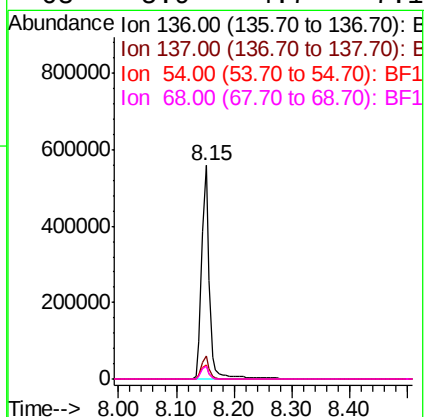
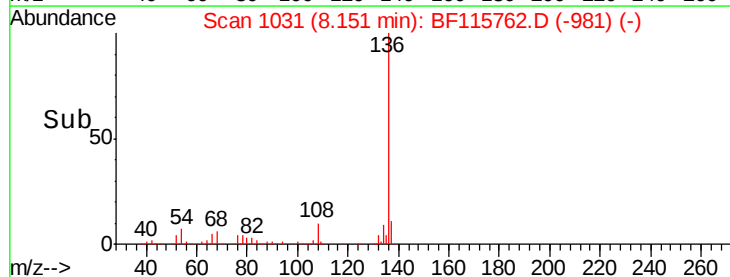
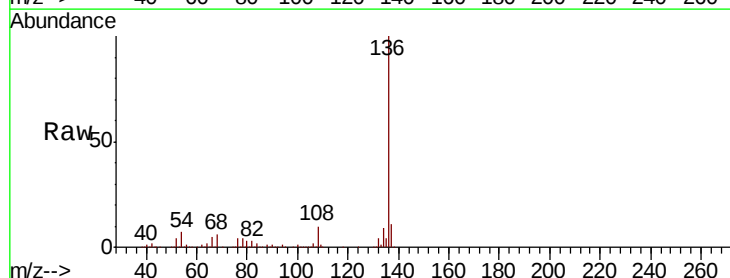
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 6.5 5.0 7.6

68 5.9 4.7 7.1

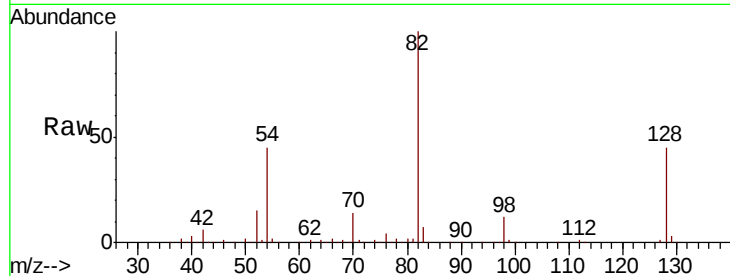




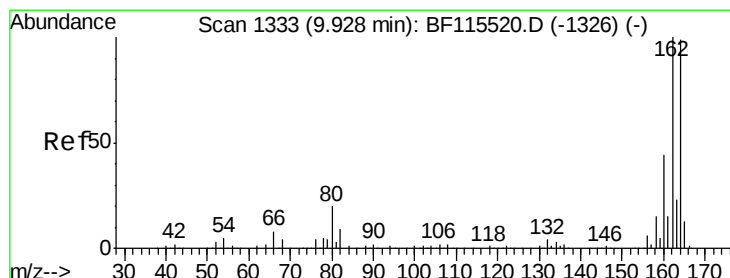
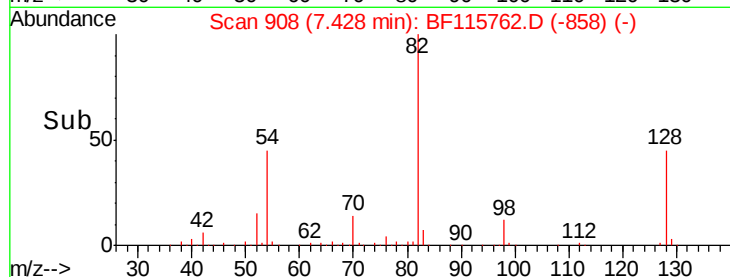
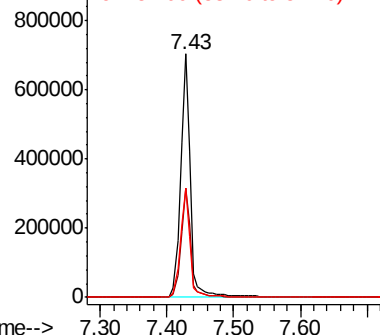
#23
 Nitrobenzene-d5
 Concen: 78.257 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF115762.D
 Acq: 25 Jul 2019 16:53

Instrument :
 BNA_F
 ClientSampled :
 TP-1-B

Tot Ion: 82 Resp: 714170
 Ion Ratio Lower Upper
 82 100
 128 44.9 36.6 55.0
 54 44.7 36.6 54.8

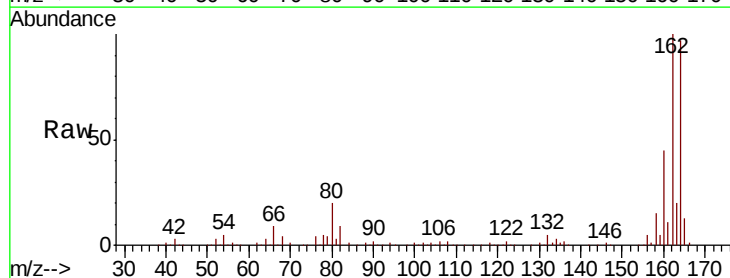


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

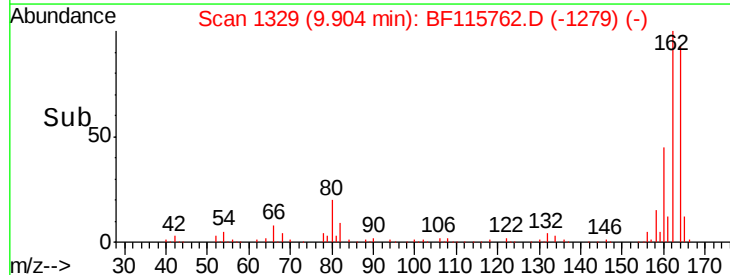
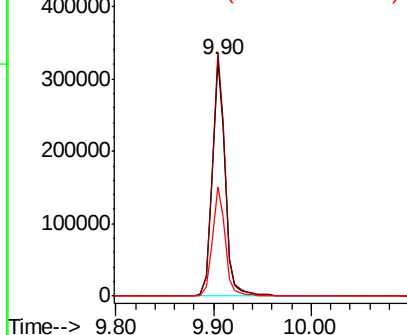


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF115762.D
 Acq: 25 Jul 2019 16:53

Tgt Ion: 164 Resp: 296088
 Ion Ratio Lower Upper
 164 100
 162 103.0 81.8 122.6
 160 46.1 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

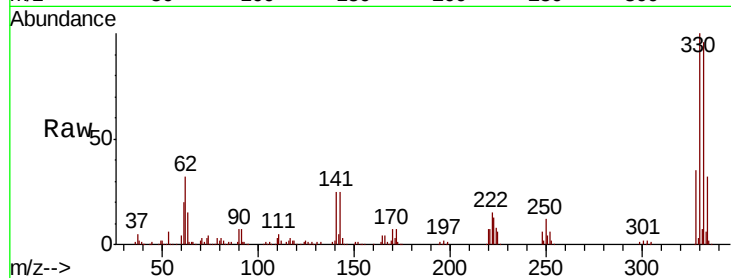




#42
 2,4,6-Tribromophenol
 Concen: 99.211 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.00 min
 Lab File: BF115762.D
 Acq: 25 Jul 2019 16:53

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.1	114.1
141	33.4	25.9	38.9

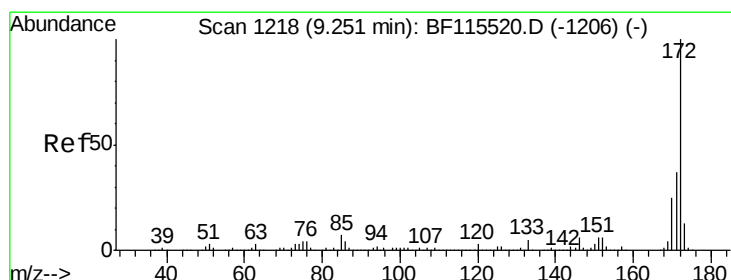
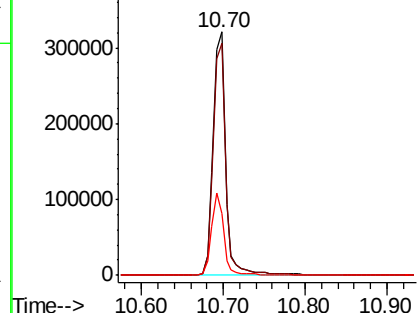
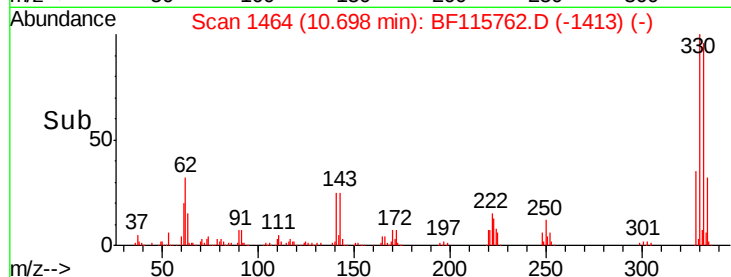


Abundance

Ion 329.80 (329.50 to 330.50): E

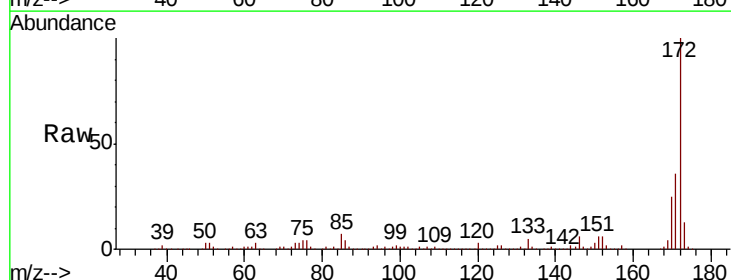
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 76.159 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF115762.D
 Acq: 25 Jul 2019 16:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.4
170	24.7	20.1	30.1

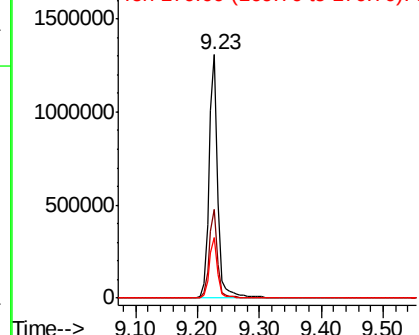
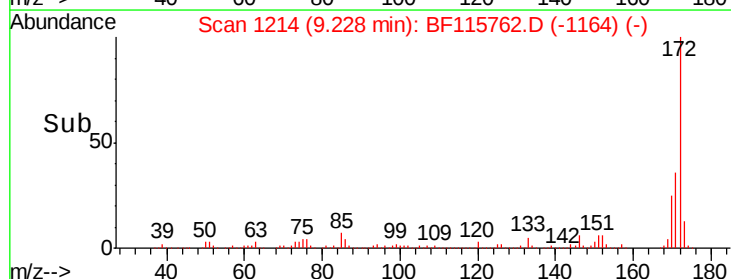


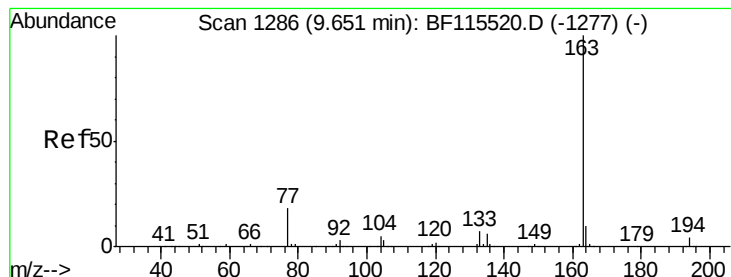
Abundance

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: 10.502 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.02 min

Lab File: BF115762.D

Acq: 25 Jul 2019 16:53

Instrument :

BNA_F

ClientSampleId :

TP-1-B

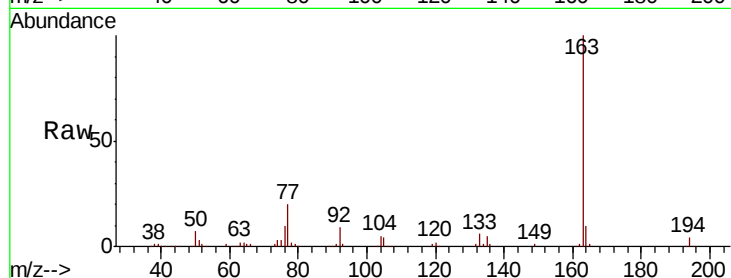
Tot Ion:163 Resp: 233958

Ion Ratio Lower Upper

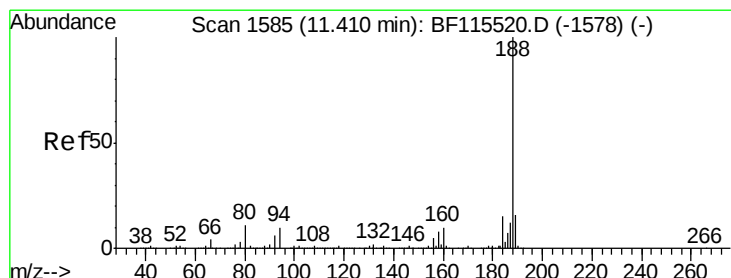
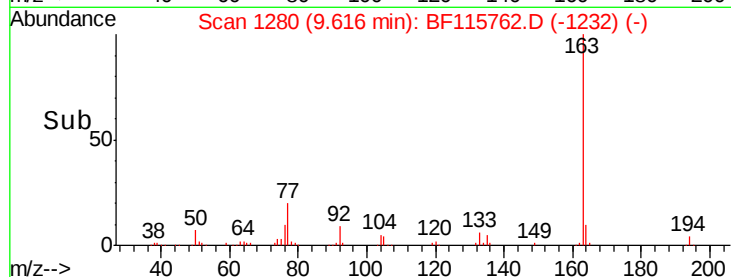
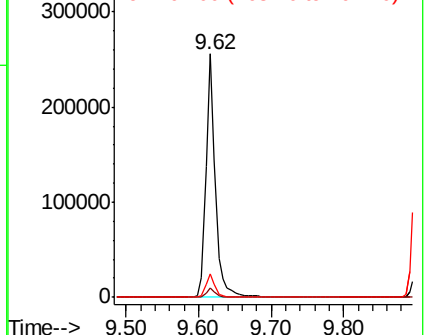
163 100

194 3.6 3.2 4.8

164 9.7 8.3 12.5



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: 11.39 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BF115762.D

Acq: 25 Jul 2019 16:53

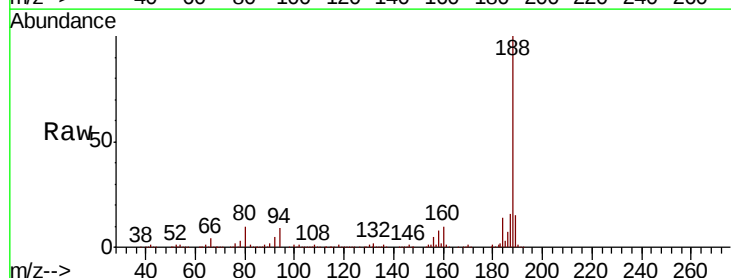
Tgt Ion:188 Resp: 561204

Ion Ratio Lower Upper

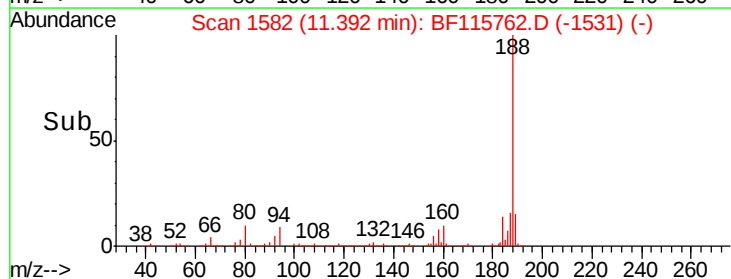
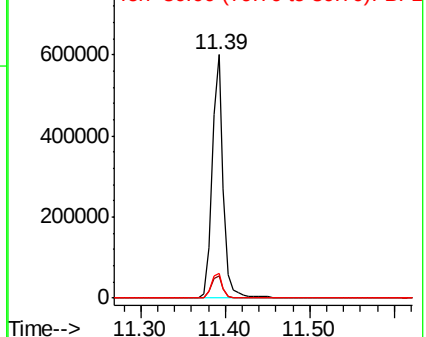
188 100

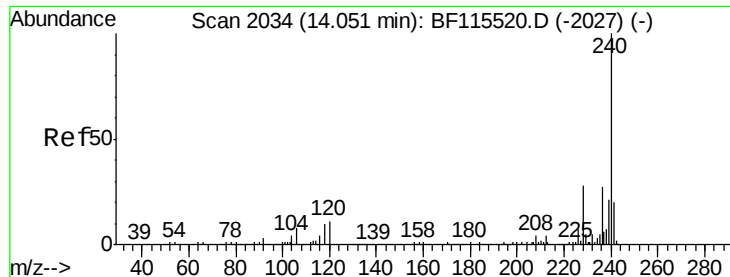
94 9.3 8.2 12.2

80 9.9 9.0 13.6



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

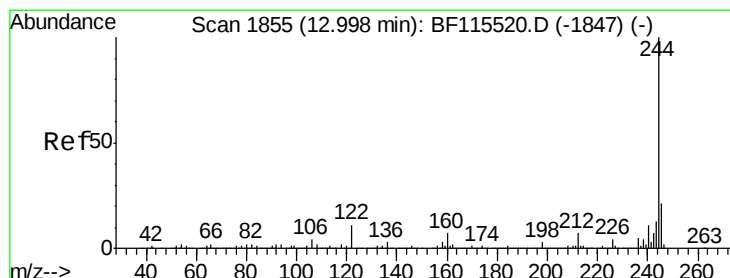
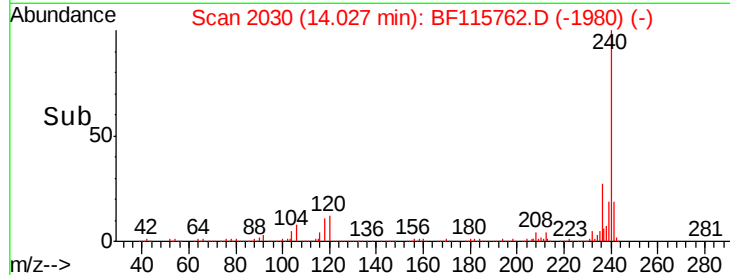
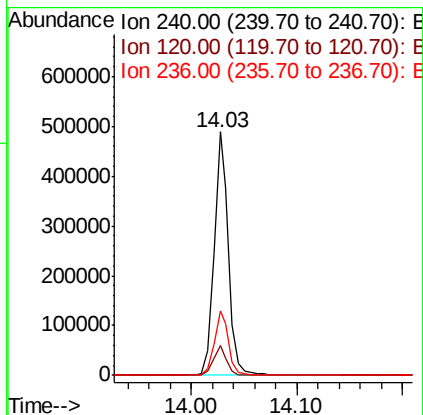
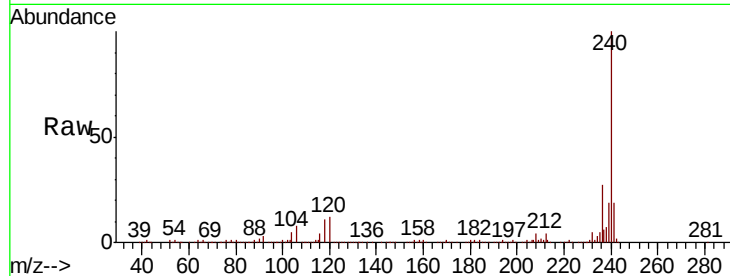




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF115762.D
 Acq: 25 Jul 2019 16:53

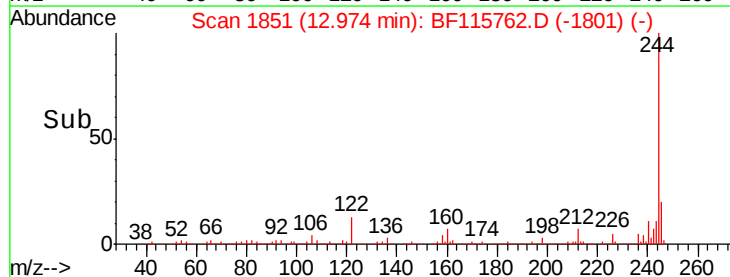
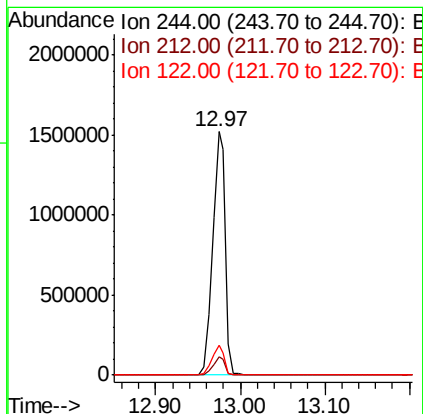
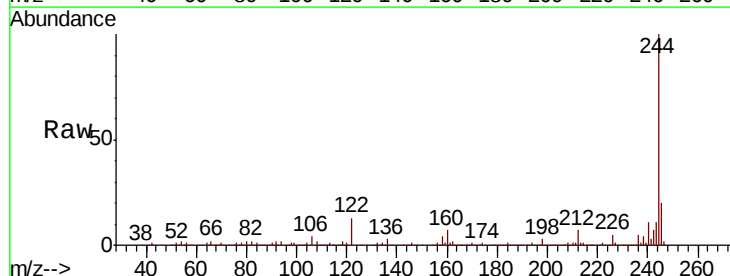
Instrument :
 BNA_F
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 TP-1-B

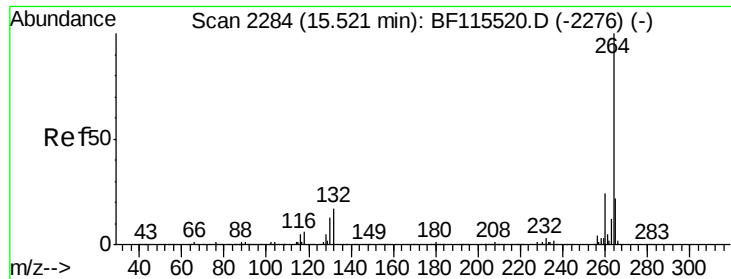
Tot Ion:240 Resp: 464505
 Ion Ratio Lower Upper
 240 100
 120 12.3 10.0 15.0
 236 26.7 21.8 32.6



#79
 Terphenyl-d14
 Concen: 64.325 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF115762.D
 Acq: 25 Jul 2019 16:53

Tgt Ion:244 Resp: 1619329
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.5 8.3
 122 12.5 8.2 12.4#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.01 min
Lab File: BF115762.D
Acq: 25 Jul 2019 16:53

Instrument :
BNA_F
ClientSampleId :
TP-1-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.8	29.6
265	21.6	17.5	26.3

