

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
 Data File : BF115765.D
 Acq On : 25 Jul 2019 18:40
 Operator : HP/JU
 Sample : K3990-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-B

Quant Time: Jul 26 06:58:52 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

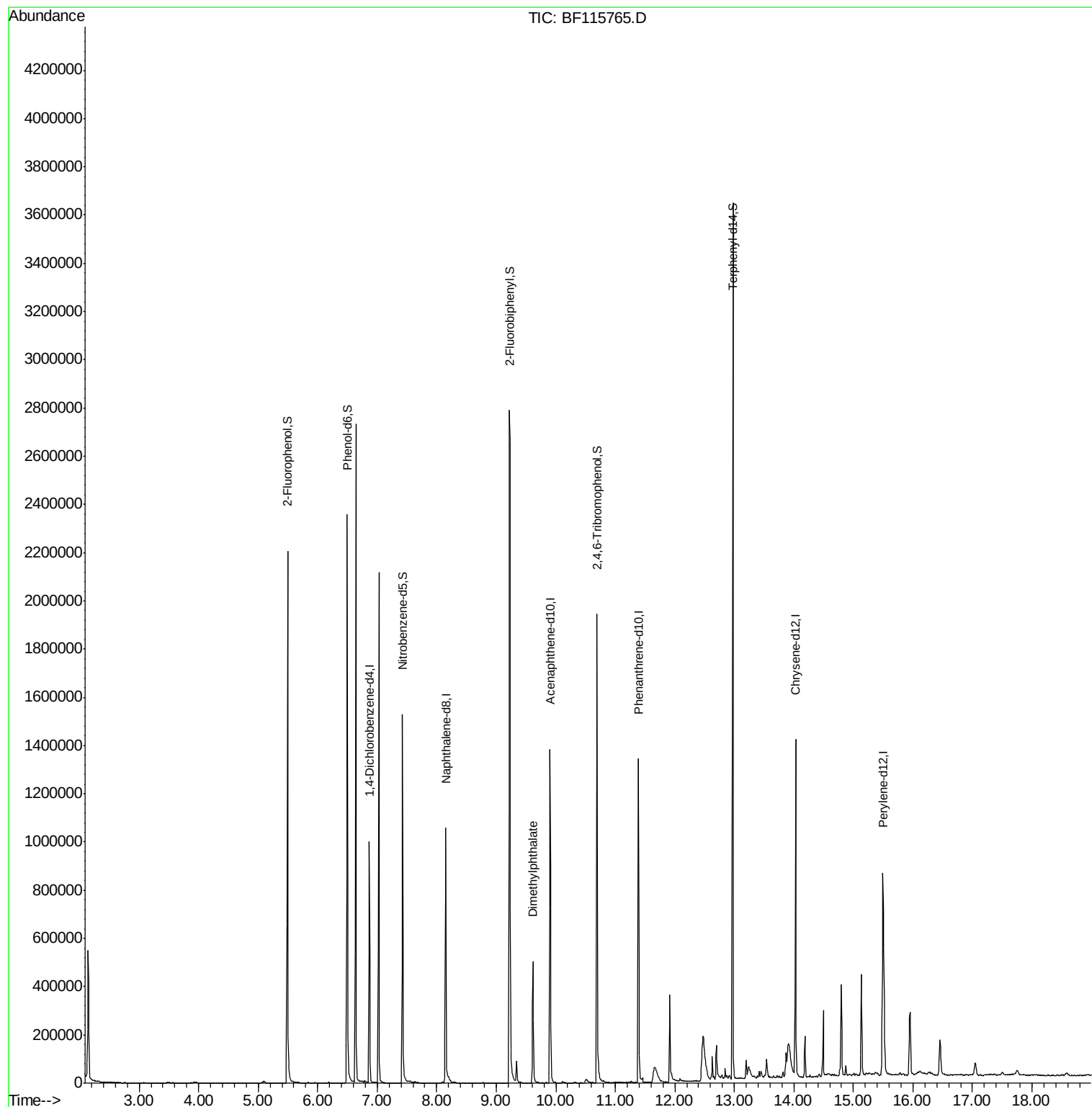
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	132106	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	530071	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	292067	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	557663	20.00	ng	0.00
76) Chrysene-d12	14.03	240	447788	20.00	ng	0.00
87) Perylene-d12	15.50	264	440892	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	642277	79.53	ng	0.00
7) Phenol-d6	6.50	99	845812	82.53	ng	0.00
23) Nitrobenzene-d5	7.43	82	523947	57.47	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	260700	76.47	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1017494	60.98	ng	0.00
79) Terphenyl-d14	12.97	244	1271559	52.40	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.62	163	226642	10.314	ng	Qvalue 98

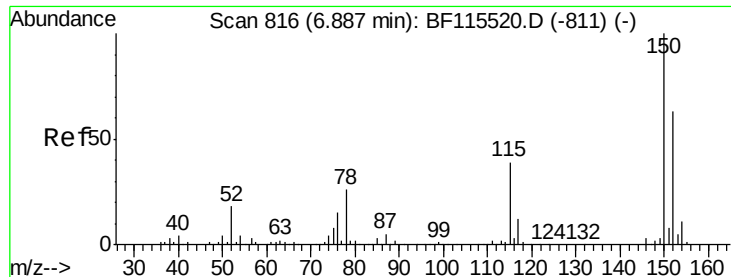
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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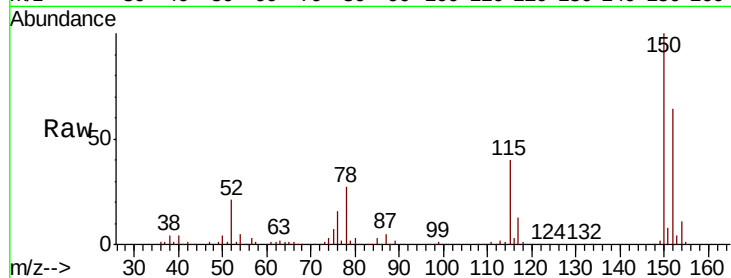


#1

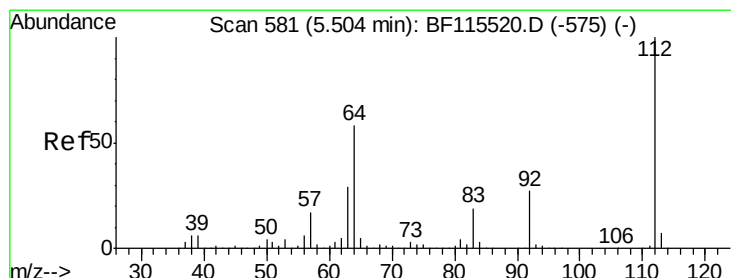
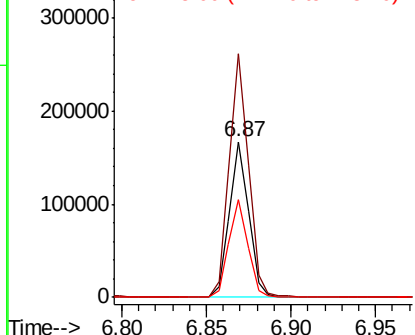
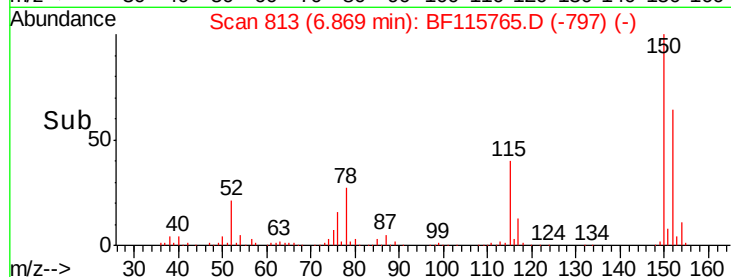
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF115765.D
Acq: 25 Jul 2019 18:40

Instrument :
BNA_F
ClientSampleId :
TP-3-B

Tot Ion:152 Resp: 132106
Ion Ratio Lower Upper
152 100
150 156.7 126.6 189.8
115 62.7 47.8 71.6



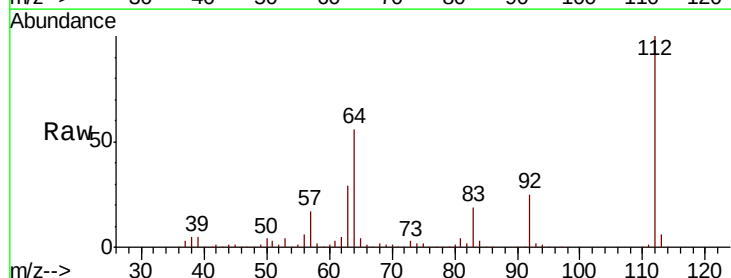
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



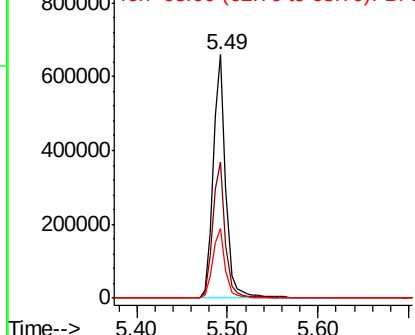
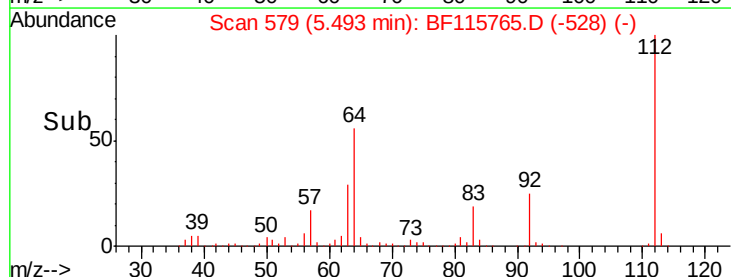
#5

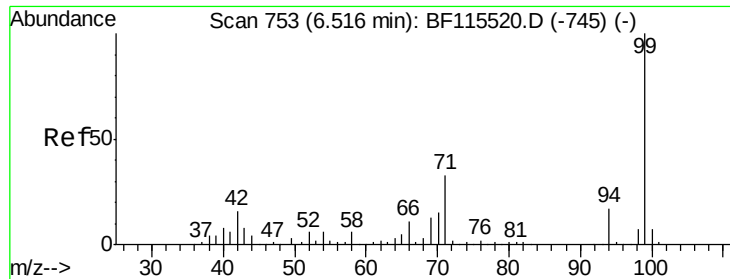
2-Fluorophenol
Concen: 79.525 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF115765.D
Acq: 25 Jul 2019 18:40

Tgt Ion:112 Resp: 642277
Ion Ratio Lower Upper
112 100
64 55.9 45.8 68.8
63 28.6 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: 82.535 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF115765.D

Acq: 25 Jul 2019 18:40

Instrument :

BNA_F

ClientSampleId :

TP-3-B

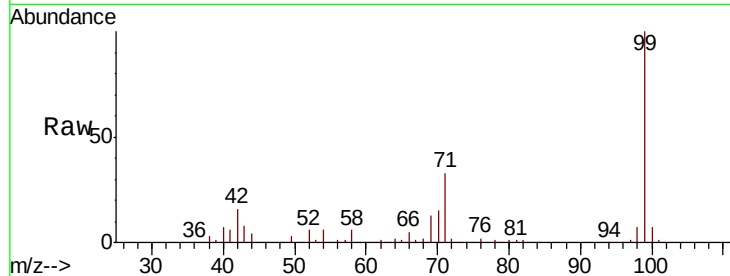
Tot Ion: 99 Resp: 845812

Ion Ratio Lower Upper

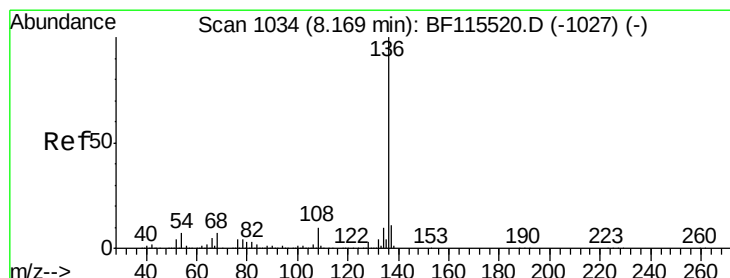
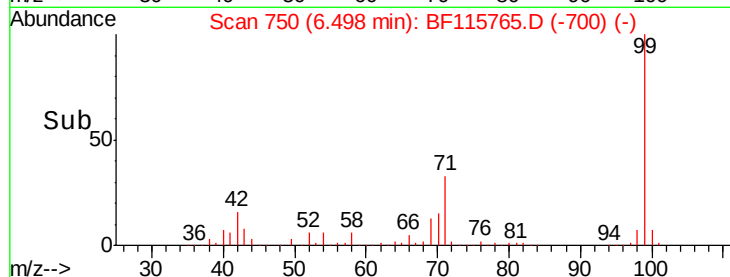
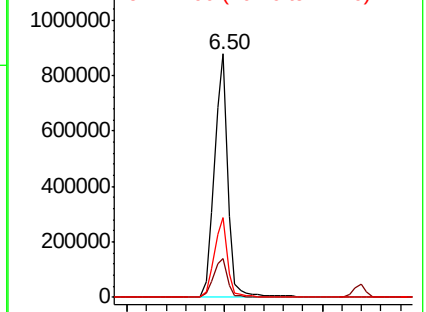
99 100

42 16.2 13.4 20.2

71 32.8 26.7 40.1



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: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF115765.D

Acq: 25 Jul 2019 18:40

Tgt Ion: 136 Resp: 530071

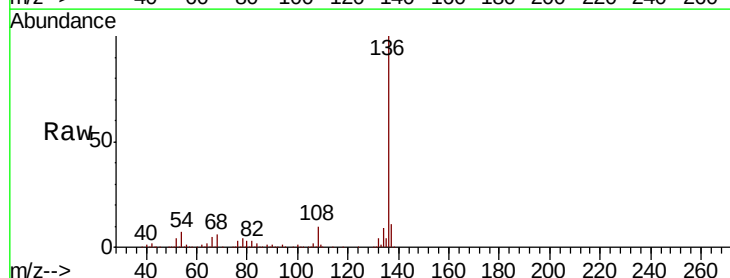
Ion Ratio Lower Upper

136 100

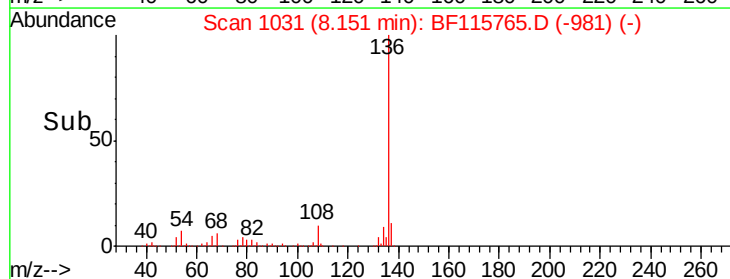
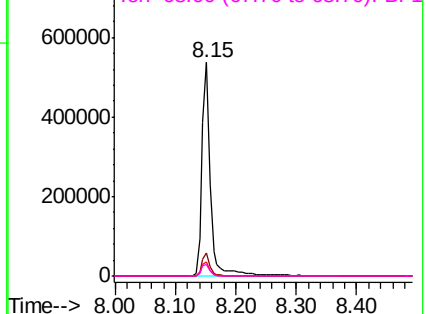
137 10.8 8.7 13.1

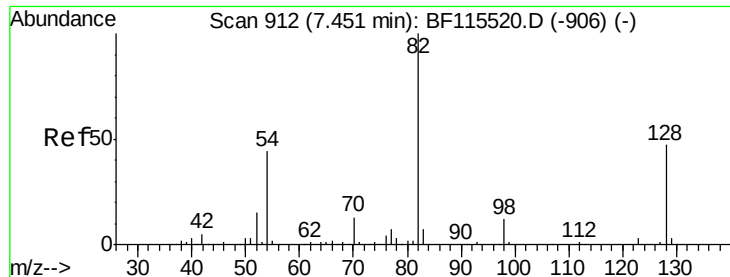
54 6.5 5.0 7.6

68 5.7 4.7 7.1



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: 57.475 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF115765.D

Acq: 25 Jul 2019 18:40

Instrument :

BNA_F

ClientSampled :

TP-3-B

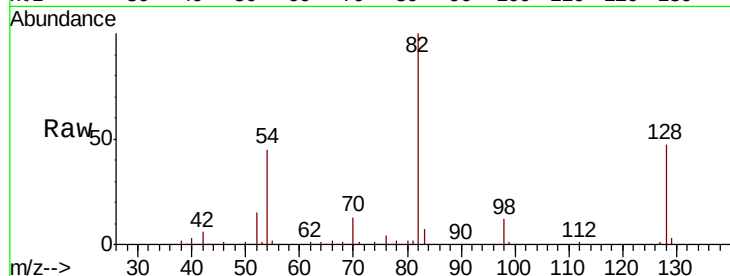
Tot Ion: 82 Resp: 523947

Ion Ratio Lower Upper

82 100

128 46.8 36.6 55.0

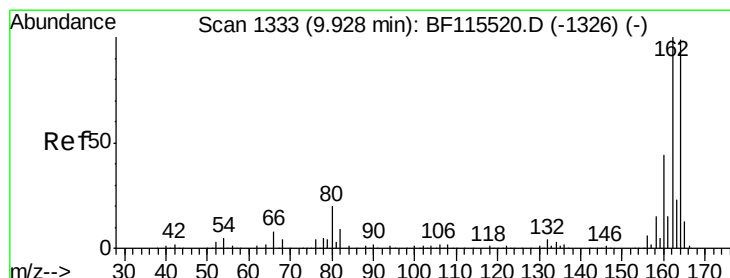
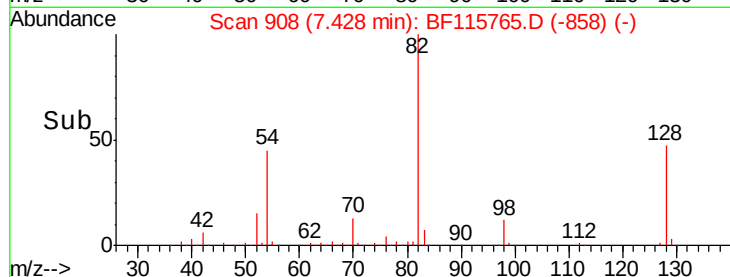
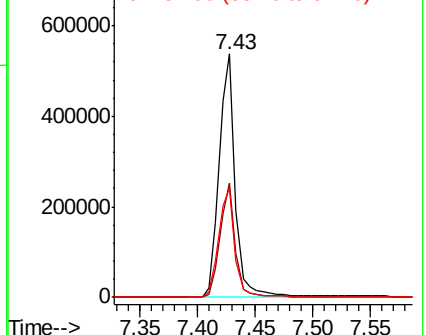
54 44.6 36.6 54.8



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: BF115765.D

Acq: 25 Jul 2019 18:40

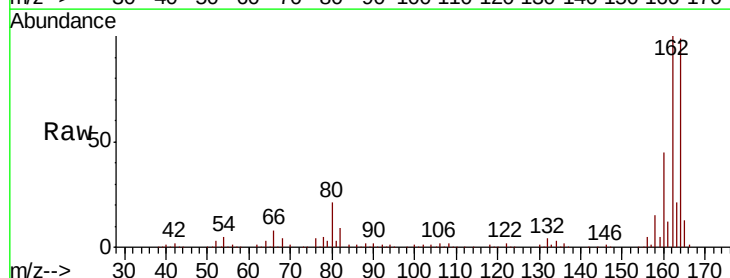
Tgt Ion: 164 Resp: 292067

Ion Ratio Lower Upper

164 100

162 100.9 81.8 122.6

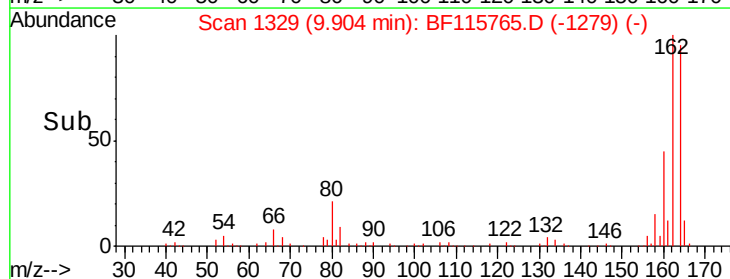
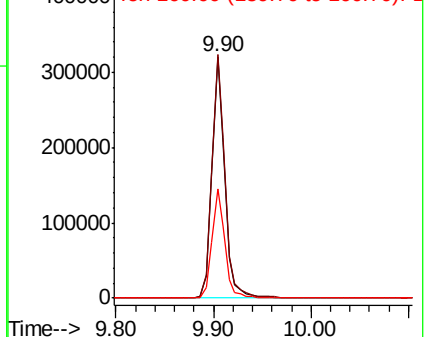
160 45.2 37.5 56.3

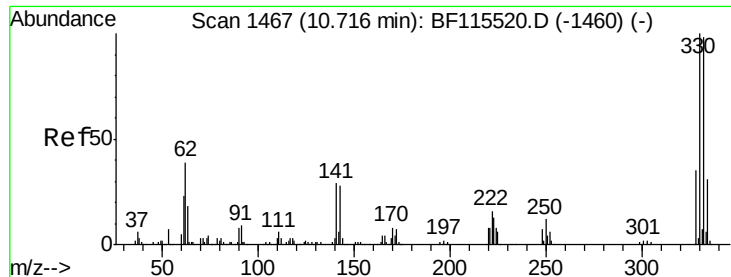


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

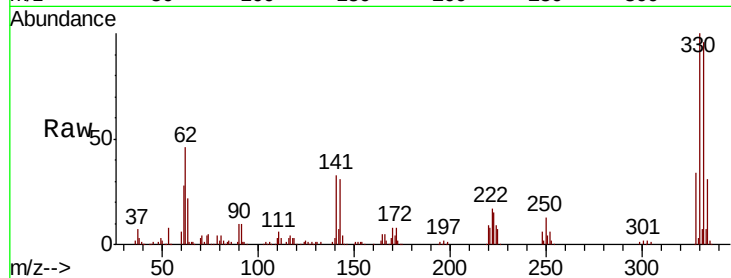




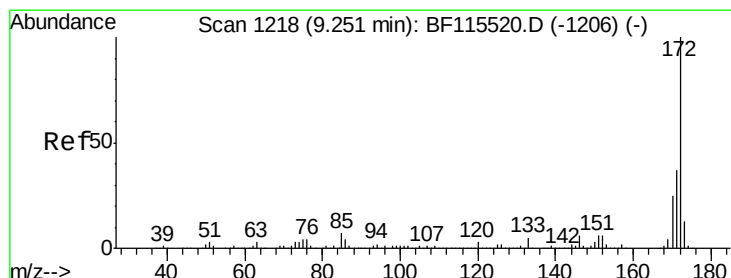
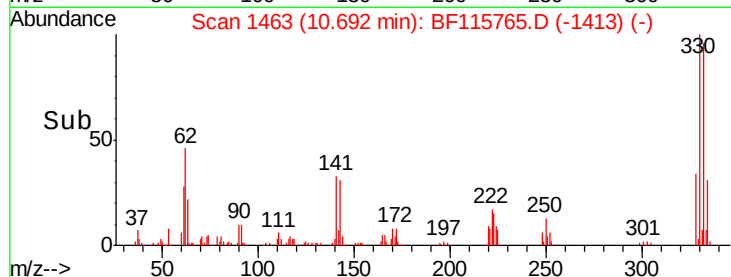
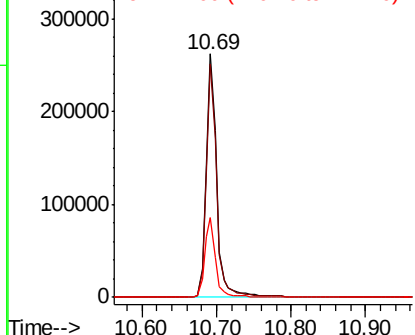
#42
 2,4,6-Tribromophenol
 Concen: 76.471 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF115765.D
 Acq: 25 Jul 2019 18:40

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.1	114.1
141	33.7	25.9	38.9

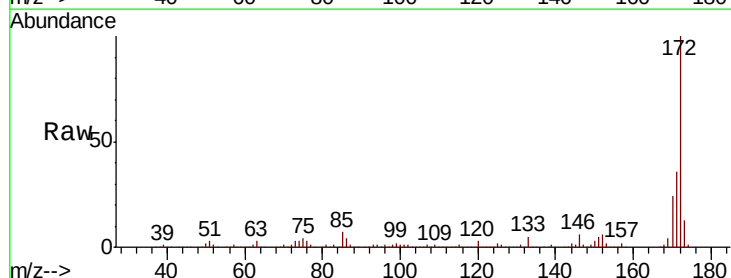


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

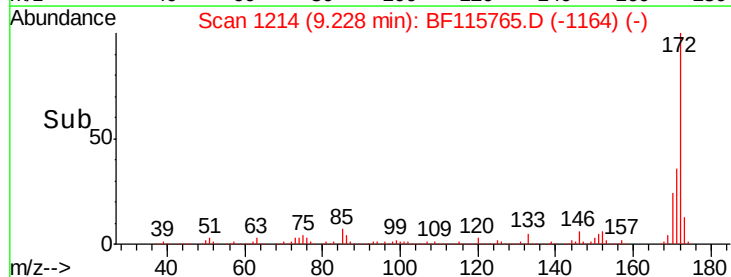
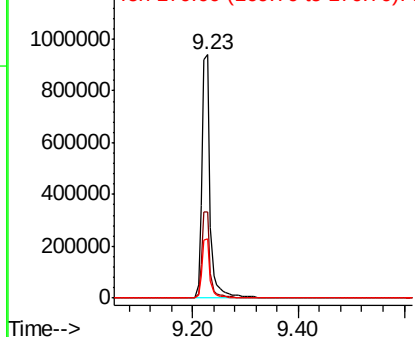


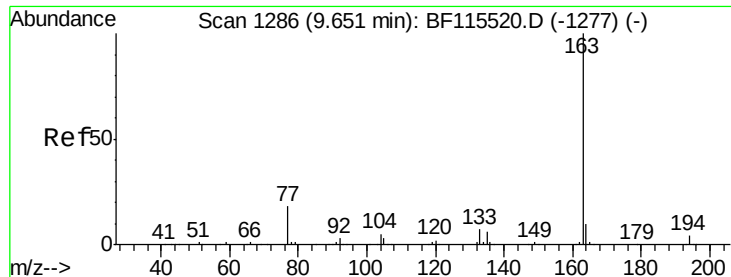
#45
 2-Fluorobiphenyl
 Concen: 60.976 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF115765.D
 Acq: 25 Jul 2019 18:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.4
170	24.2	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: 10.314 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.02 min

Lab File: BF115765.D

Acq: 25 Jul 2019 18:40

Instrument :

BNA_F

ClientSampleId :

TP-3-B

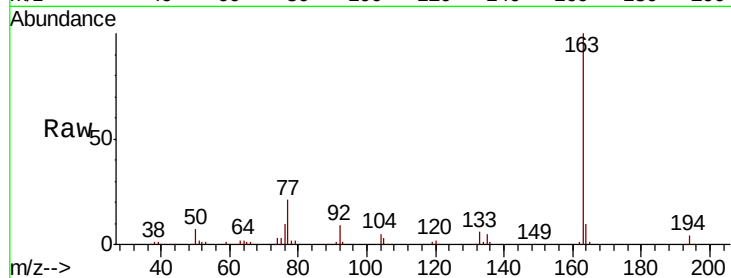
Tot Ion:163 Resp: 226642

Ion Ratio Lower Upper

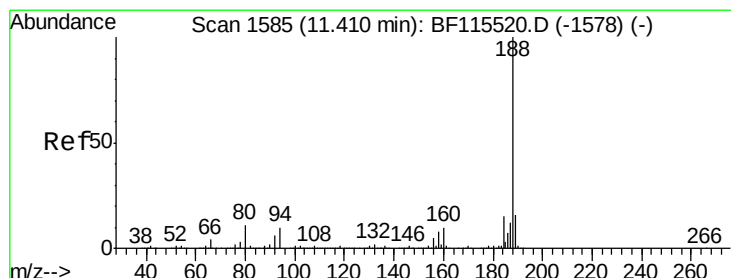
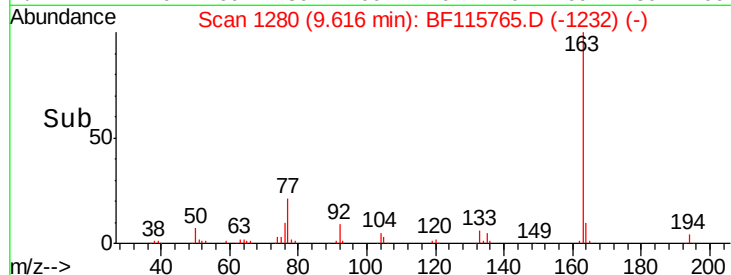
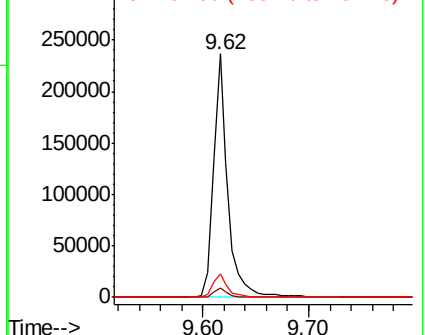
163 100

194 3.8 3.2 4.8

164 9.5 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: BF115765.D

Acq: 25 Jul 2019 18:40

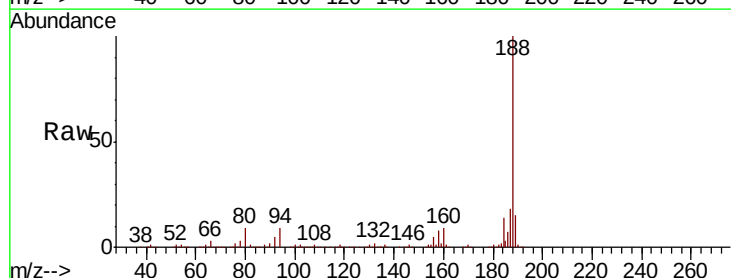
Tgt Ion:188 Resp: 557663

Ion Ratio Lower Upper

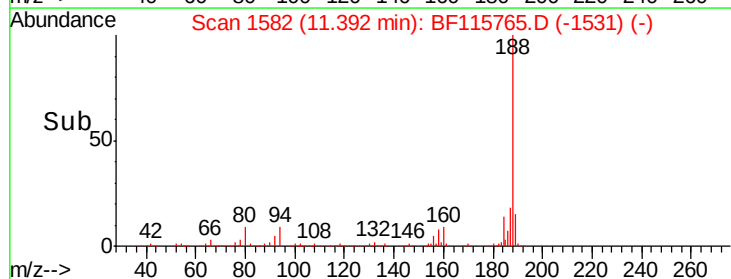
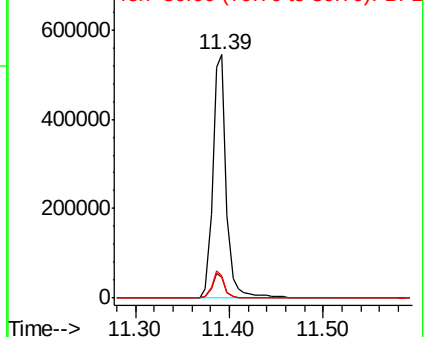
188 100

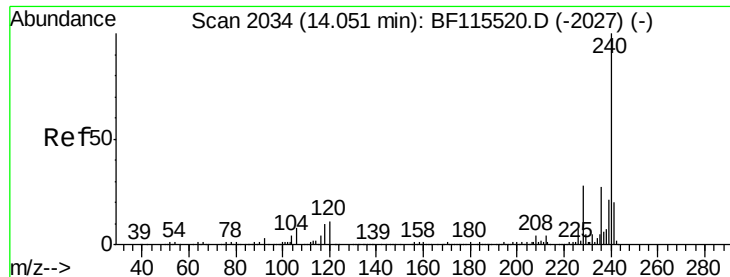
94 8.7 8.2 12.2

80 8.9 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: BF115765.D

Acq: 25 Jul 2019 18:40

Instrument :

BNA_F

ClientSampleId :

TP-3-B

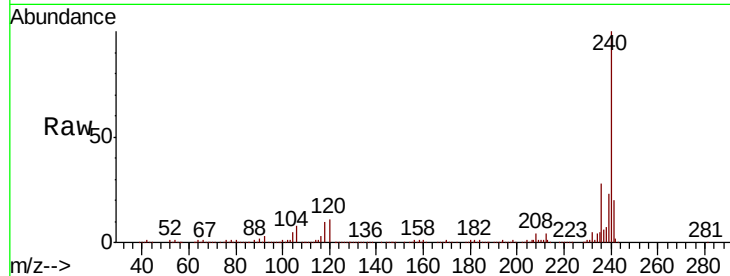
Tot Ion:240 Resp: 447788

Ion Ratio Lower Upper

240 100

120 11.2 10.0 15.0

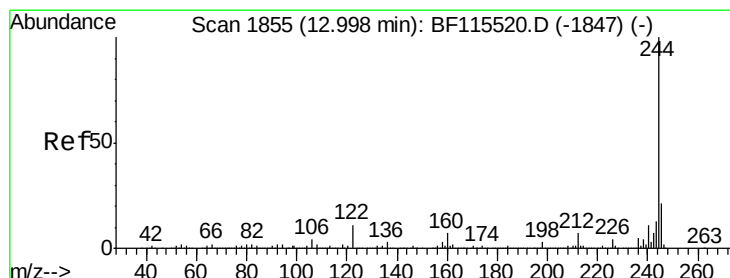
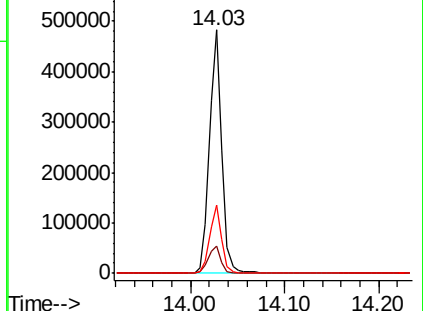
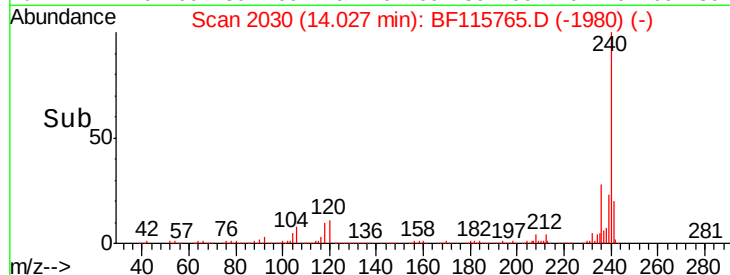
236 27.8 21.8 32.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 52.396 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF115765.D

Acq: 25 Jul 2019 18:40

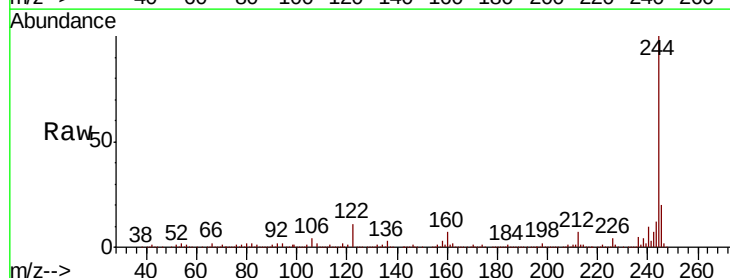
Tgt Ion:244 Resp: 1271559

Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

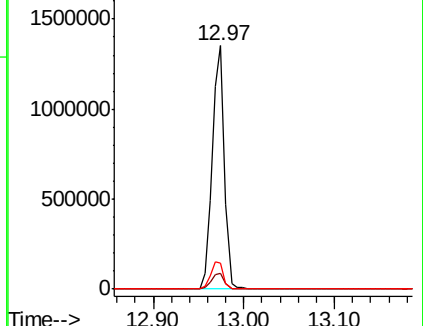
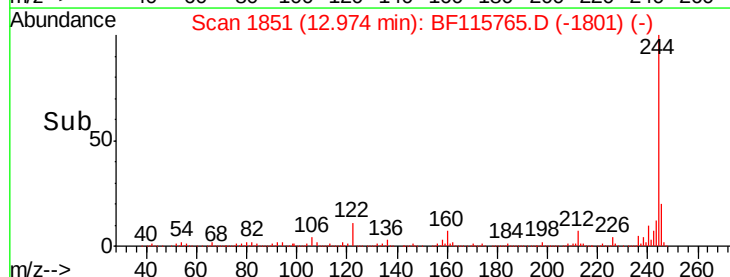
122 10.8 8.2 12.4

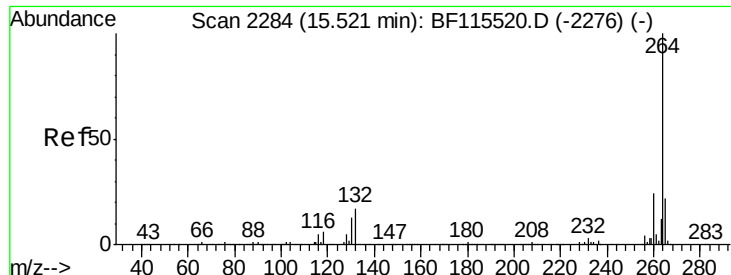


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BF115765.D
Acq: 25 Jul 2019 18:40

Instrument :
BNA_F
ClientSampleId :
TP-3-B

Tot Ion:	264	Resp:	440892
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.8	29.6
265	21.2	17.5	26.3

