

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071719\
 Data File : BF115627.D
 Acq On : 17 Jul 2019 17:36
 Operator : HP/JU
 Sample : K3835-27
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(0-2)

Quant Time: Jul 18 05:17:09 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

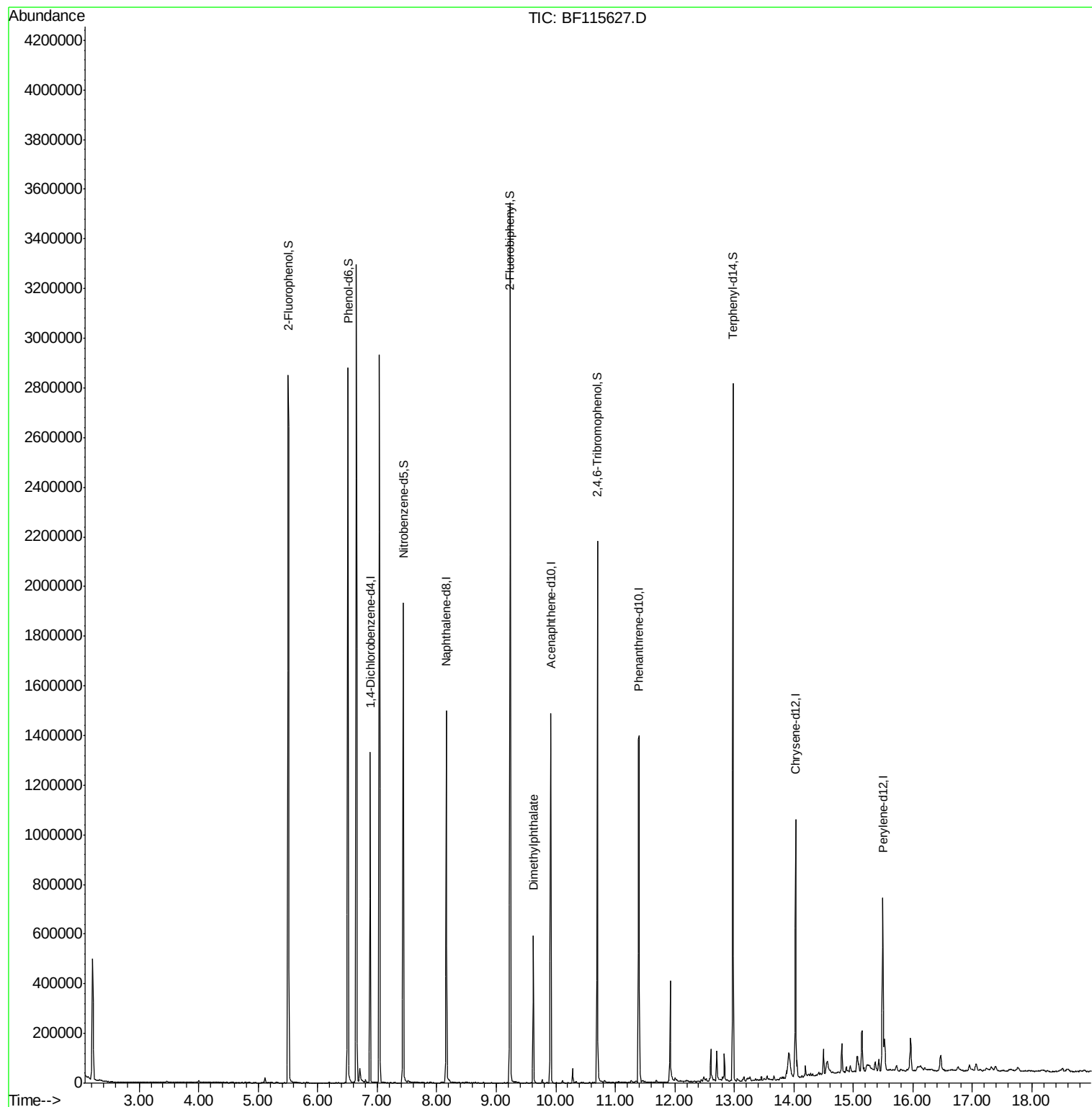
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	177918	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	721692	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	303698	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	549958	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	306780	20.00	ng	-0.02
87) Perylene-d12	15.49	264	316318	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	886921	81.54	ng	0.00
7) Phenol-d6	6.51	99	1146369	83.06	ng	0.00
23) Nitrobenzene-d5	7.44	82	709399	57.16	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	271147	76.49	ng	-0.02
45) 2-Fluorobiphenyl	9.23	172	1112462	64.11	ng	-0.02
79) Terphenyl-d14	12.98	244	986488	59.33	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.62	163	228514	10.001	ng	Qvalue 98

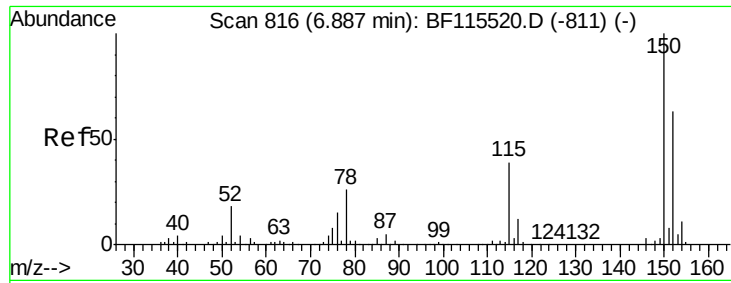
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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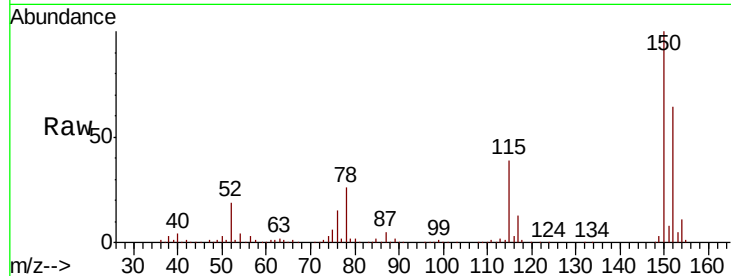


#1

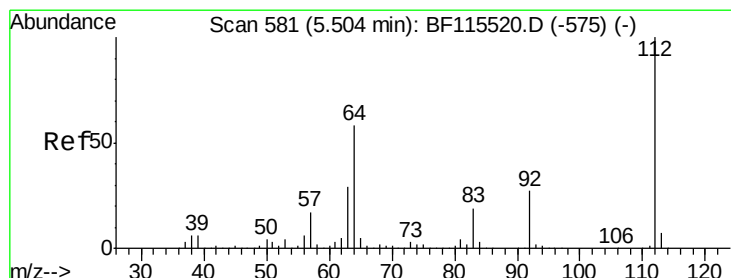
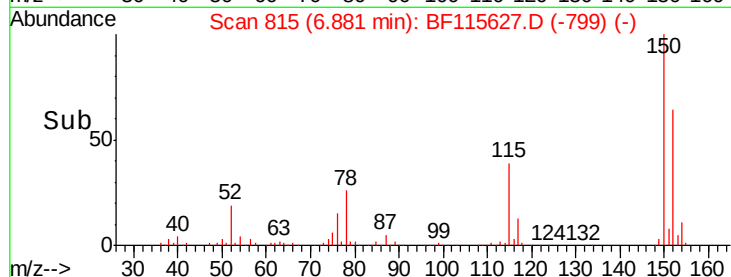
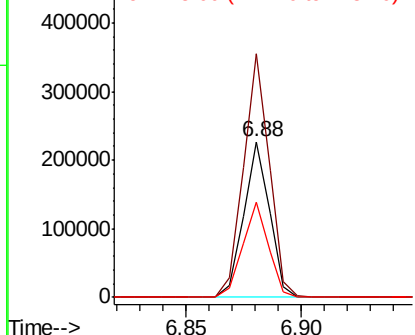
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115627.D
Acq: 17 Jul 2019 17:36

Instrument :
BNA_F
ClientSampleId :
SB-10(0-2)

Tot Ion:152 Resp: 177918
Ion Ratio Lower Upper
152 100
150 156.3 129.7 194.5
115 61.2 48.2 72.4



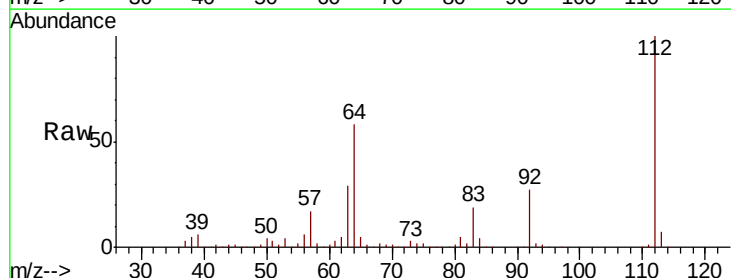
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



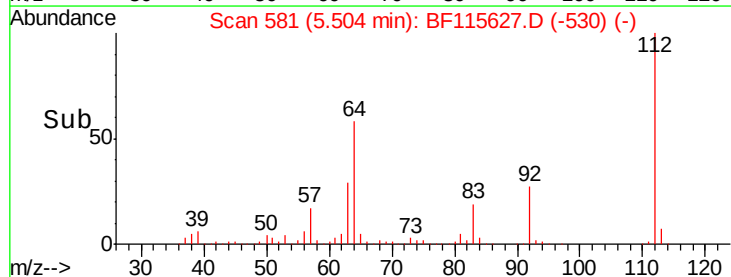
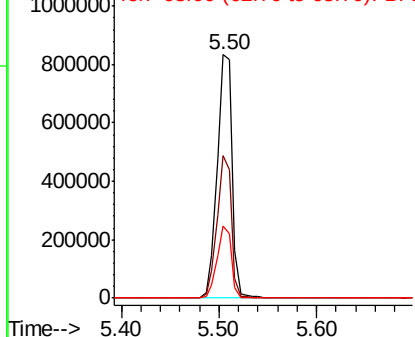
#5

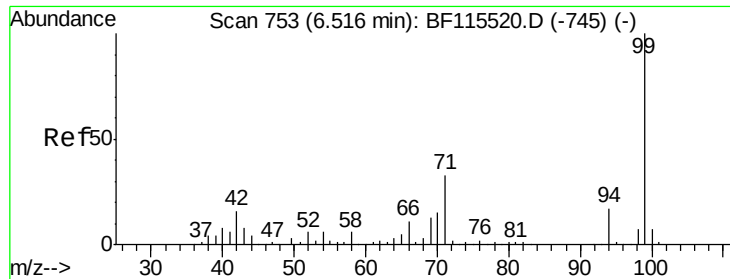
2-Fluorophenol
Concen: 81.540 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF115627.D
Acq: 17 Jul 2019 17:36

Tgt Ion:112 Resp: 886921
Ion Ratio Lower Upper
112 100
64 58.3 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: 83.059 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF115627.D

Acq: 17 Jul 2019 17:36

Instrument :

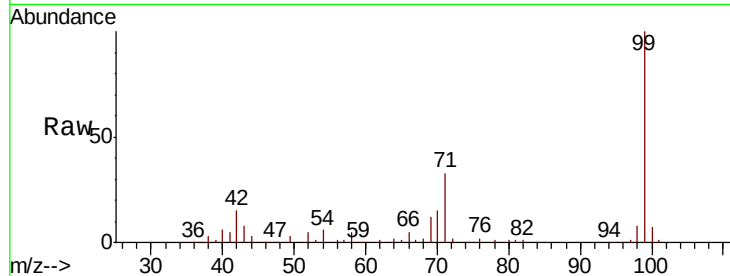
BNA_F

ClientSampled :

SB-10(0-2)

Tot Ion: 99 Resp: 1146369

Ion	Ratio	Lower	Upper
99	100		
42	15.2	13.6	20.4
71	32.6	28.5	42.7

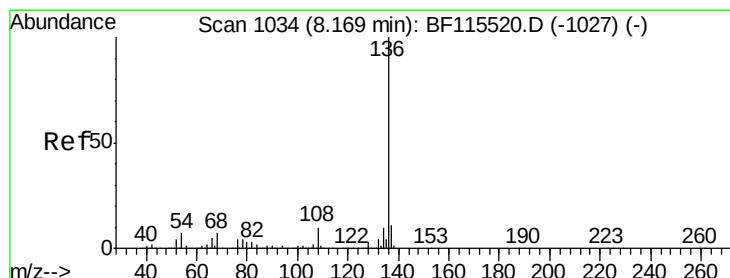
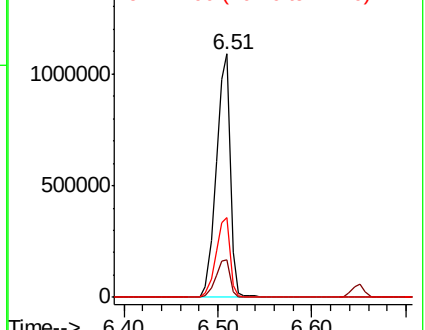
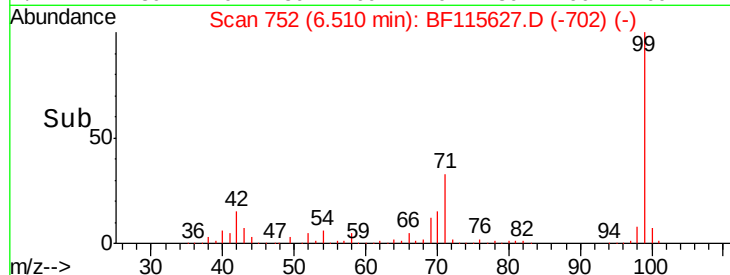


Abundance

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

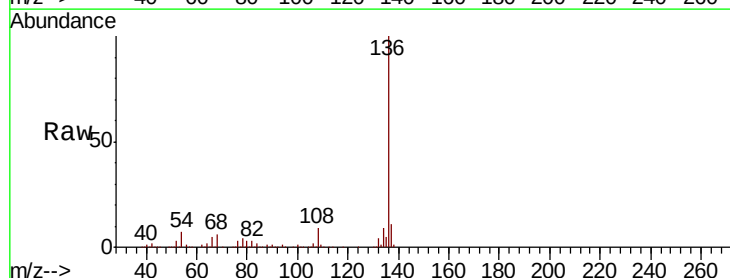
Delta R.T. -0.01 min

Lab File: BF115627.D

Acq: 17 Jul 2019 17:36

Tgt Ion: 136 Resp: 721692

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.7	5.6	8.4
68	6.0	5.0	7.6



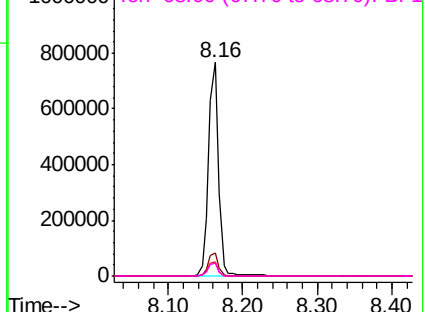
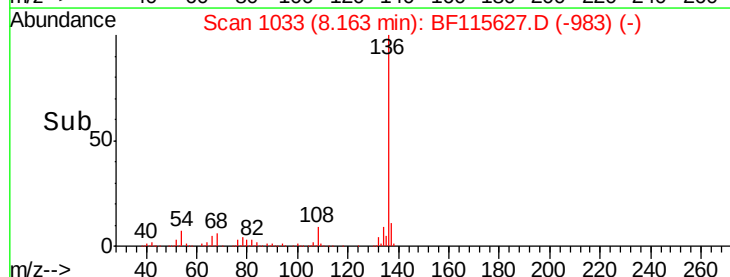
Abundance

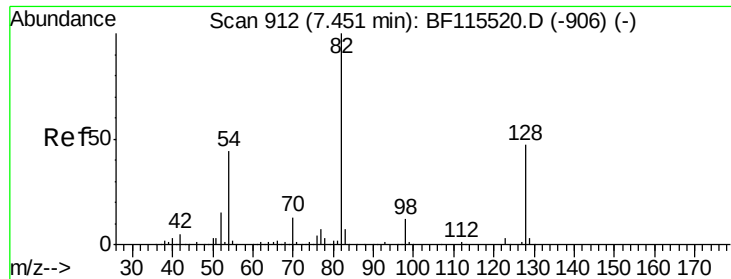
Ion 136.00 (135.70 to 136.70): E

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

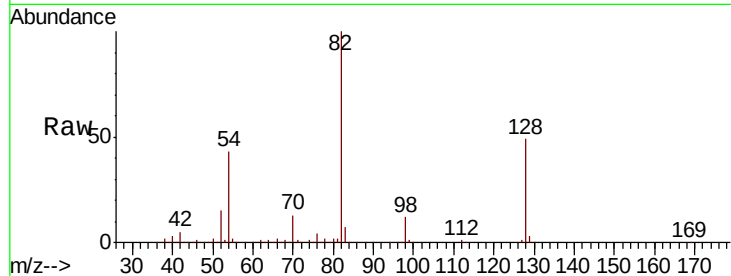




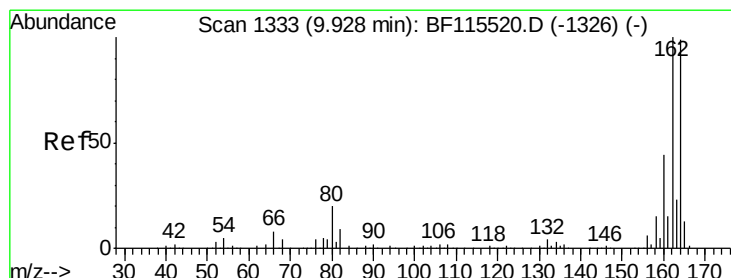
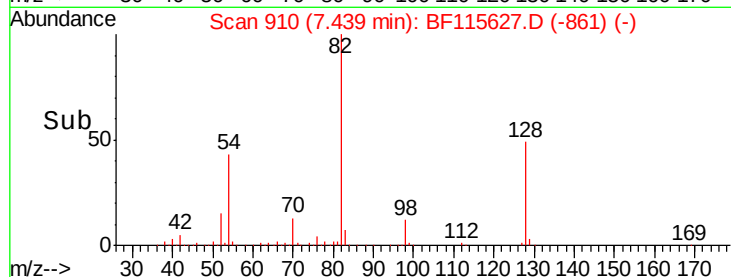
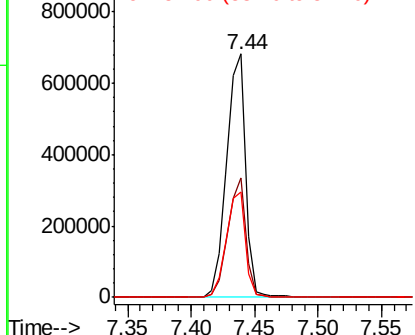
#23
Nitrobenzene-d5
Concen: 57.156 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF115627.D
Acq: 17 Jul 2019 17:36

Instrument :
BNA_F
ClientSampleId :
SB-10(0-2)

Tot Ion	82	Resp	709399
Ion Ratio	100	Lower	Upper
128	49.0	38.6	57.8
54	43.3	35.6	53.4

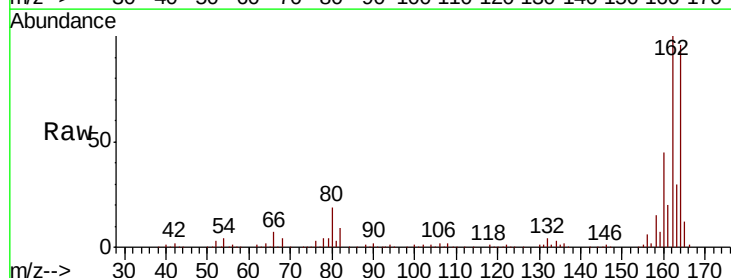


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

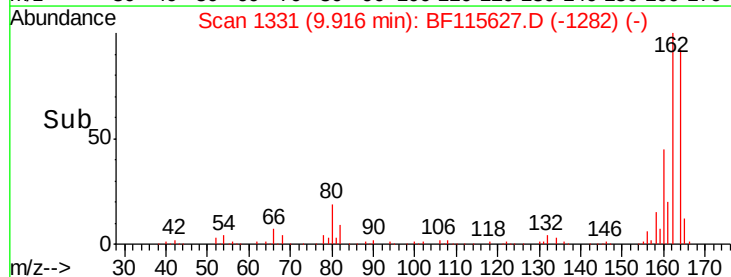
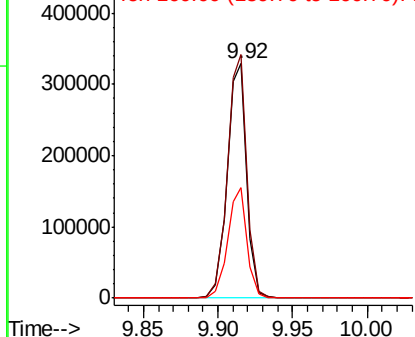


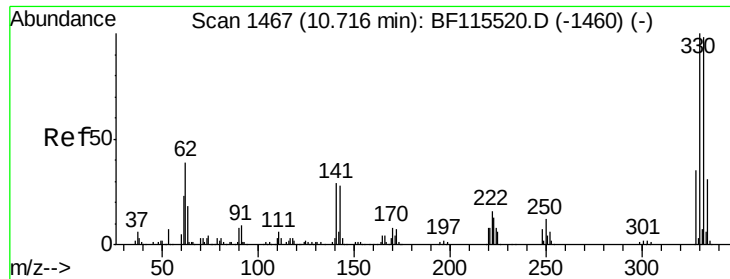
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF115627.D
Acq: 17 Jul 2019 17:36

Tgt Ion	164	Resp	303698
Ion Ratio	100	Lower	Upper
162	103.9	82.9	124.3
160	47.1	36.8	55.2



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: 76.490 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.02 min

Lab File: BF115627.D

Acq: 17 Jul 2019 17:36

Instrument :

BNA_F

ClientSampleId :

SB-10(0-2)

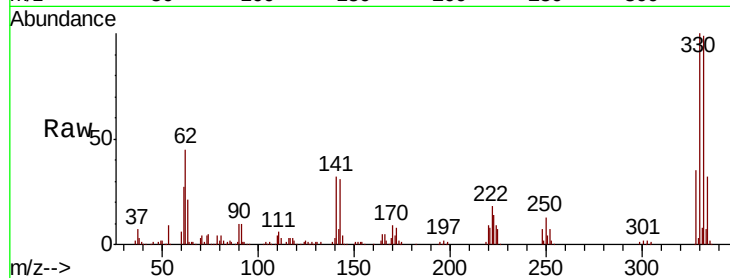
Tot Ion:330 Resp: 271147

Ion Ratio Lower Upper

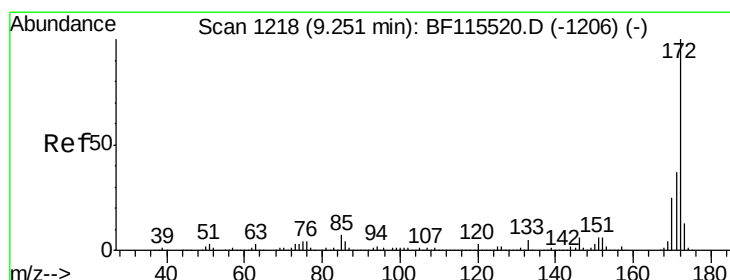
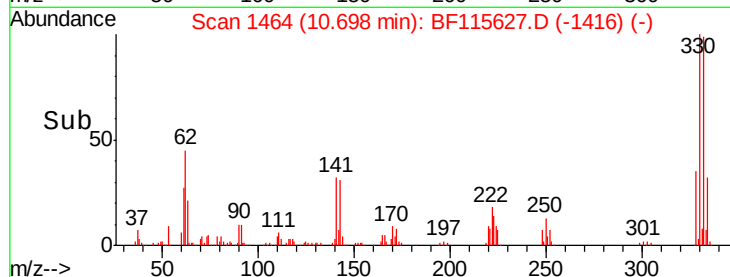
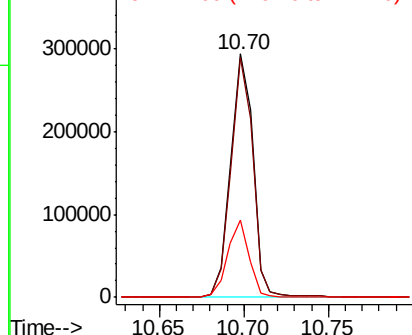
330 100

332 97.7 77.4 116.2

141 30.9 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: 64.114 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.02 min

Lab File: BF115627.D

Acq: 17 Jul 2019 17:36

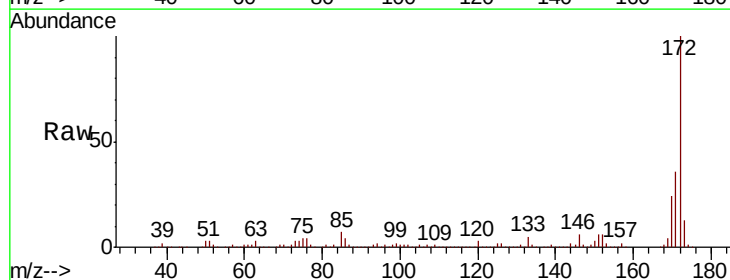
Tgt Ion:172 Resp: 1112462

Ion Ratio Lower Upper

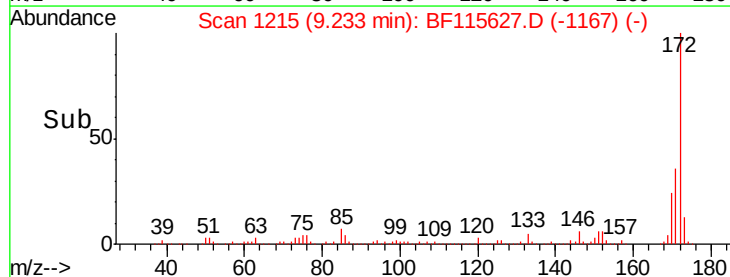
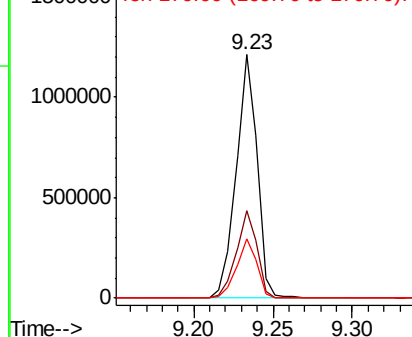
172 100

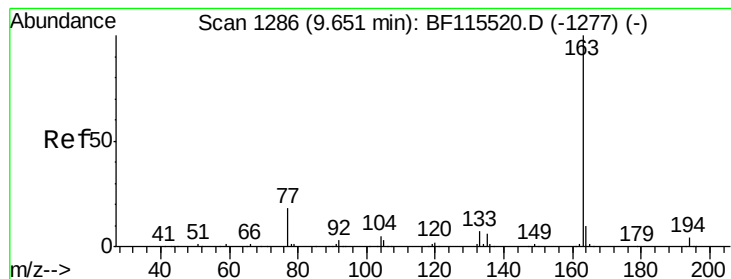
171 35.8 30.6 46.0

170 24.1 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





#50

Dimethylphthalate

Concen: 10.001 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.03 min

Lab File: BF115627.D

Acq: 17 Jul 2019 17:36

Instrument :

BNA_F

ClientSampleId :

SB-10(0-2)

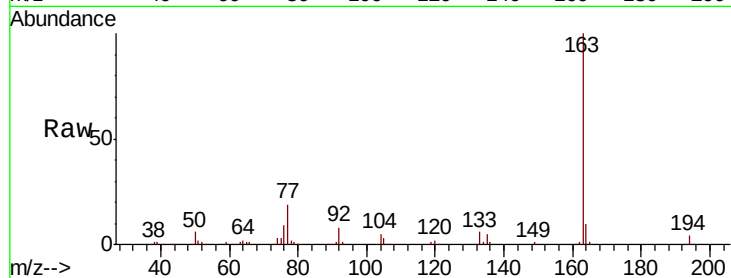
Tot Ion:163 Resp: 228514

Ion Ratio Lower Upper

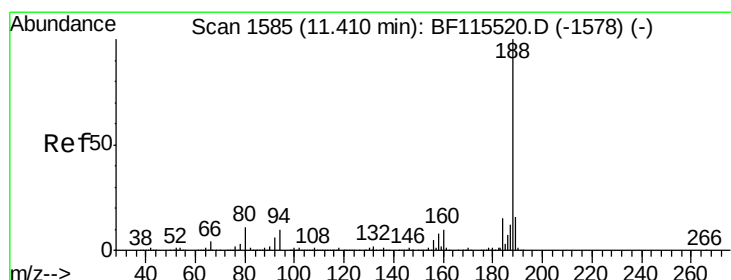
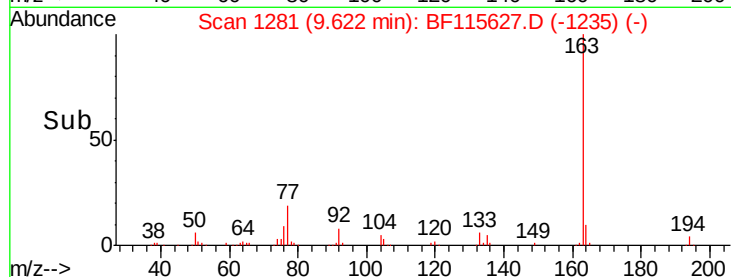
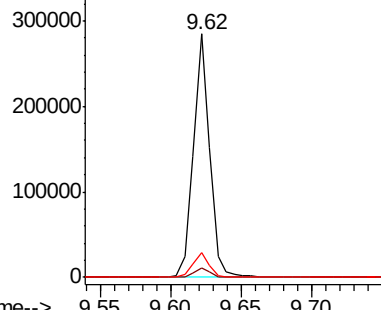
163 100

194 3.8 3.3 4.9

164 10.1 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: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF115627.D

Acq: 17 Jul 2019 17:36

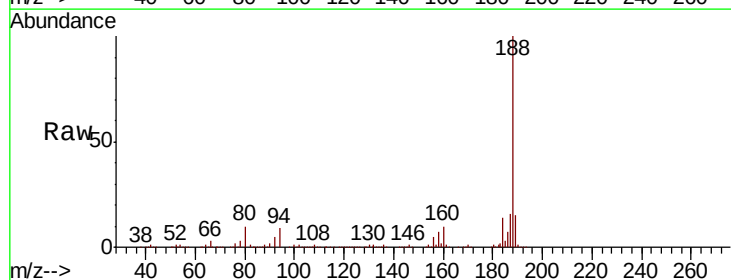
Tgt Ion:188 Resp: 549958

Ion Ratio Lower Upper

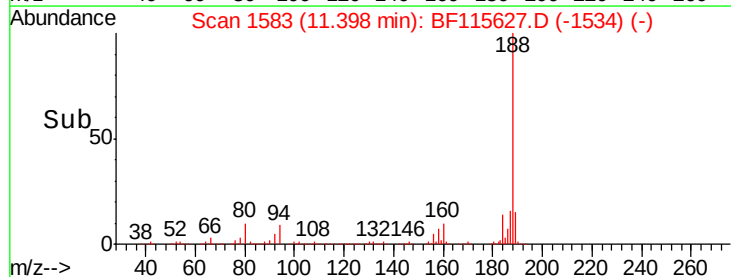
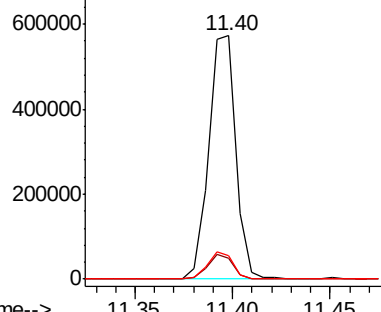
188 100

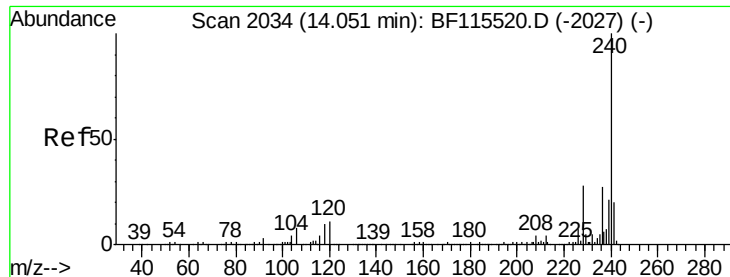
94 8.7 7.8 11.6

80 9.6 8.6 13.0



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. -0.02 min

Lab File: BF115627.D

Acq: 17 Jul 2019 17:36

Instrument :

BNA_F

ClientSampleId :

SB-10(0-2)

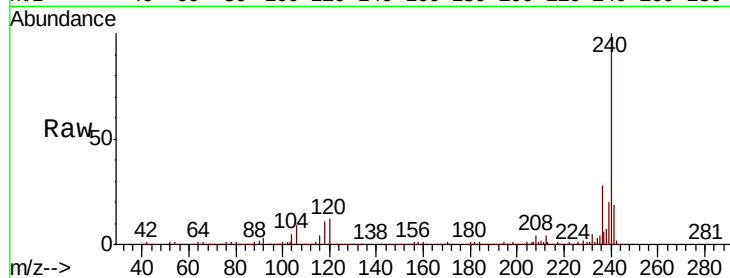
Tot Ion:240 Resp: 306780

Ion Ratio Lower Upper

240 100

120 12.3 8.6 13.0

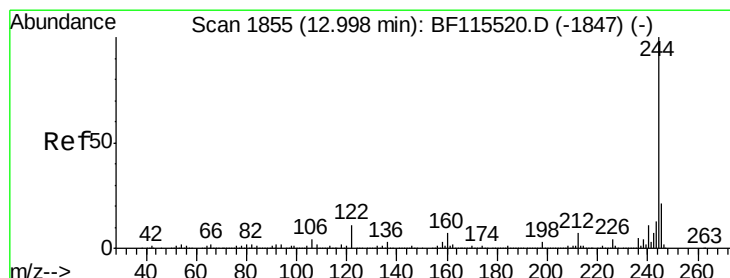
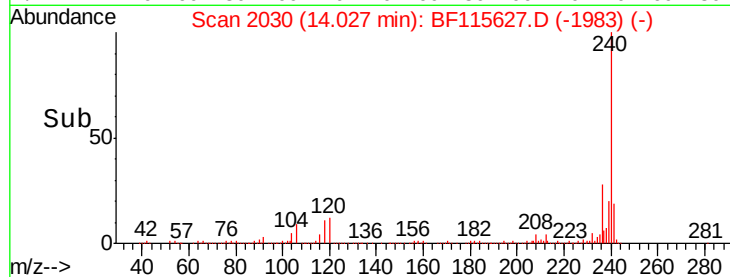
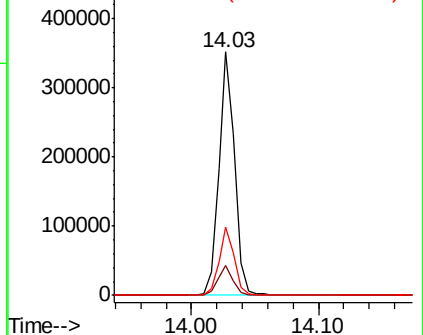
236 27.8 21.3 31.9



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: 59.334 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BF115627.D

Acq: 17 Jul 2019 17:36

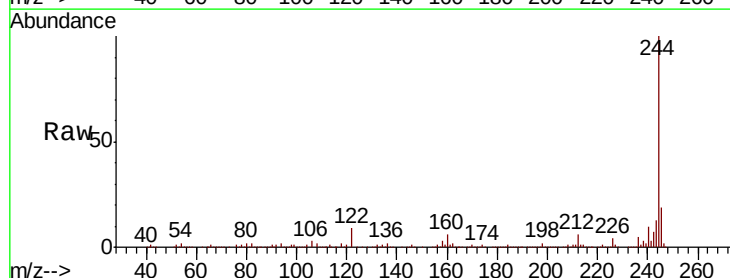
Tgt Ion:244 Resp: 986488

Ion Ratio Lower Upper

244 100

212 6.5 6.0 9.0

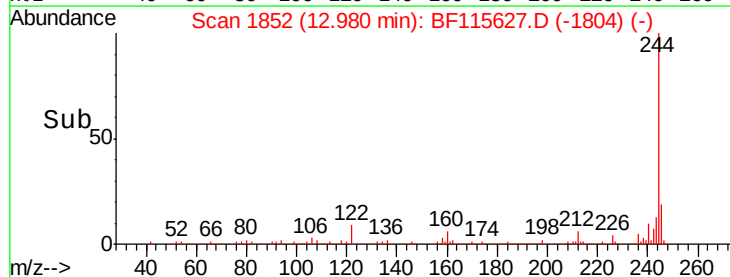
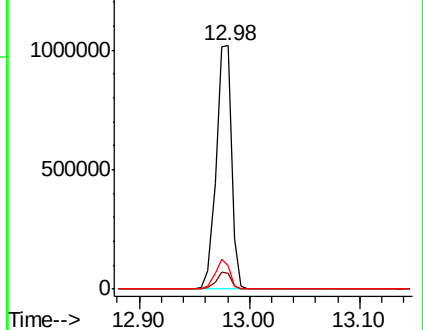
122 9.4 8.6 12.8

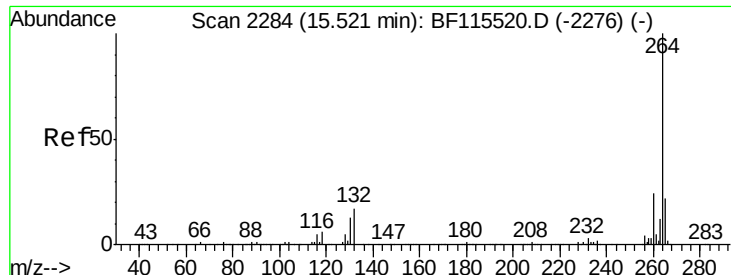


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.49 min Scan# 2279
 Delta R.T. -0.03 min
 Lab File: BF115627.D
 Acq: 17 Jul 2019 17:36

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(0-2)

Tot Ion:	264	Resp:	316318
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.8
265	21.4	17.7	26.5

