

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022819\
 Data File : BF112777.D
 Acq On : 28 Feb 2019 22:39
 Operator : JU/SJ
 Sample : K1645-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SR-9-S

Quant Time: Mar 01 07:11:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 27 16:08:50 2019
 Response via : Initial Calibration

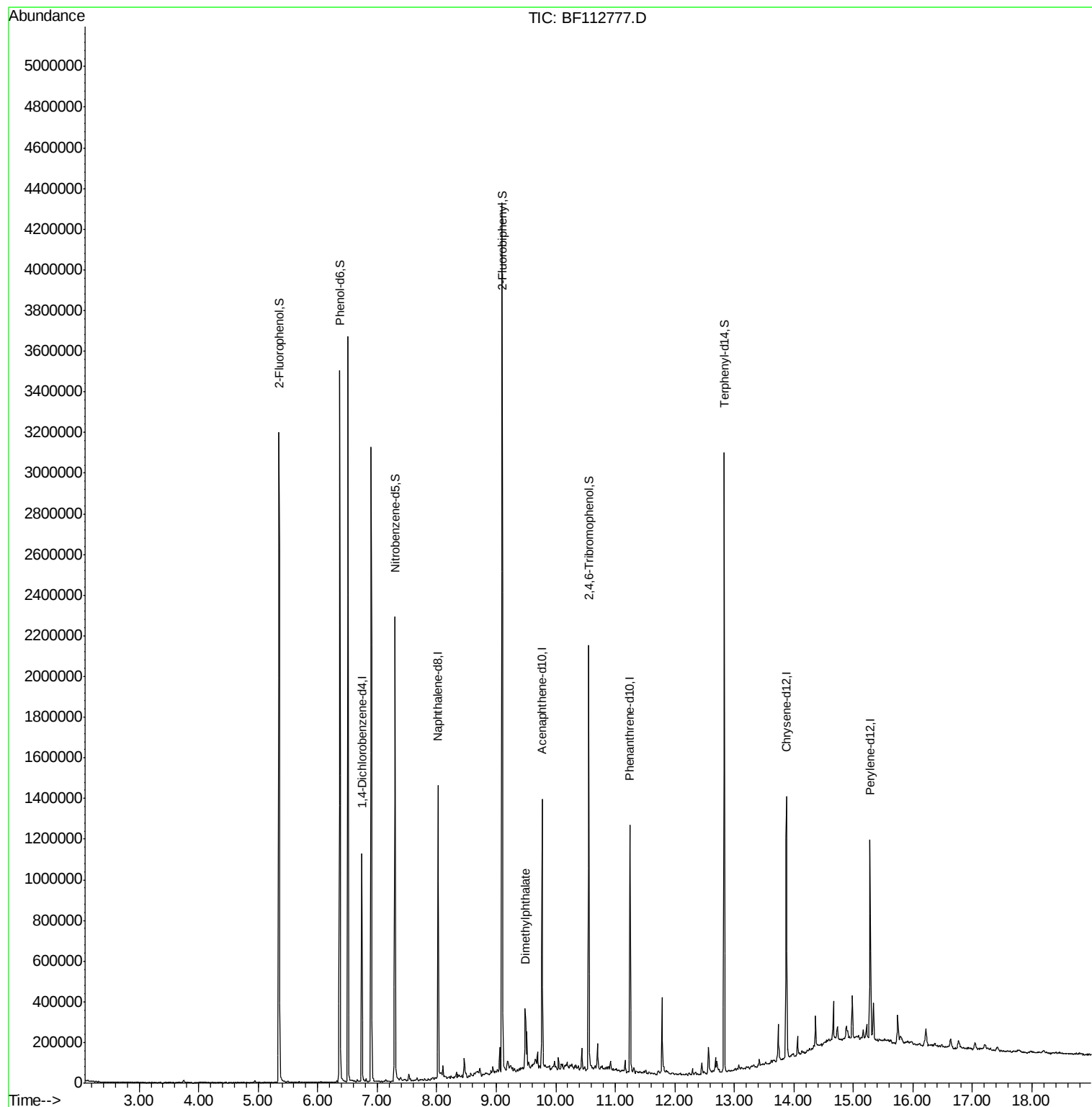
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	173282	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	647516	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	278489	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	462723	20.00	ng	0.00
76) Chrysene-d12	13.87	240	424667	20.00	ng	0.00
87) Perylene-d12	15.28	264	450637	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	961333	86.30	ng	0.00
7) Phenol-d6	6.37	99	1213051	86.69	ng	0.00
23) Nitrobenzene-d5	7.30	82	730988	67.55	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	279774	94.63	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1258865	76.21	ng	0.00
79) Terphenyl-d14	12.83	244	1089893	49.75	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.49	163	92470	4.503	ng	Qvalue 99

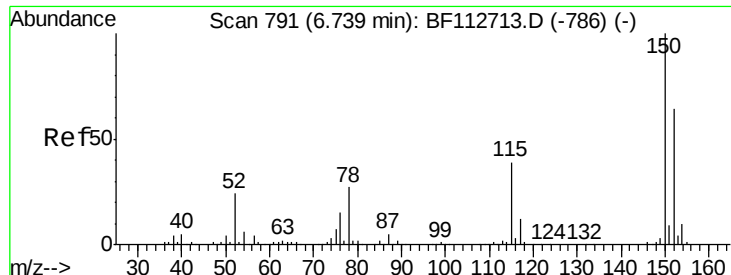
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022819\
Data File : BF112777.D
Acq On : 28 Feb 2019 22:39
Operator : JU/SJ
Sample : K1645-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SR-9-S

Quant Time: Mar 01 07:11:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 27 16:08:50 2019
Response via : Initial Calibration



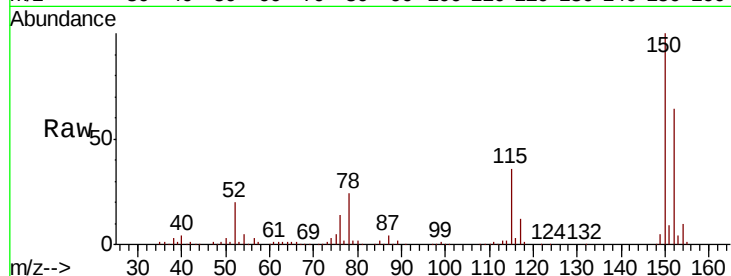


#1

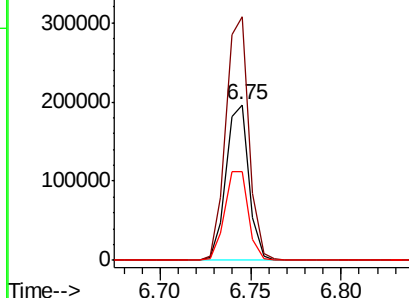
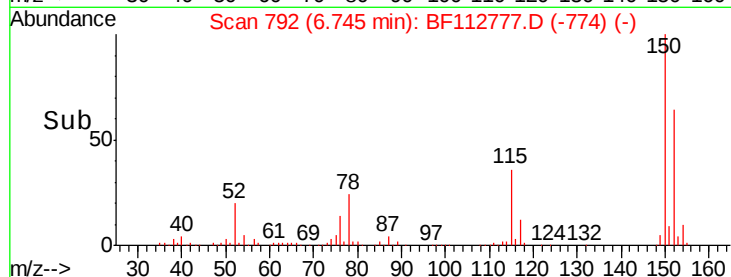
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112777.D
Acq: 28 Feb 2019 22:39

Instrument :
BNA_F
ClientSampleId :
SR-9-S

Tot Ion:152 Resp: 173282
Ion Ratio Lower Upper
152 100
150 156.8 124.2 186.2
115 56.8 48.2 72.4



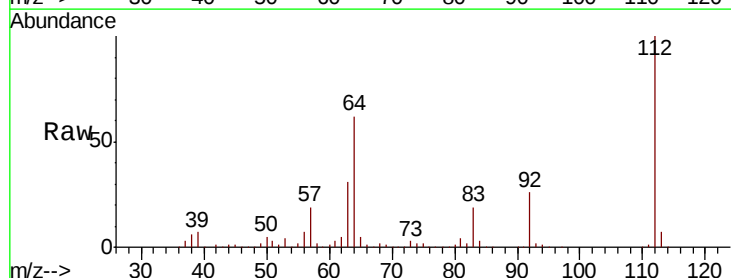
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



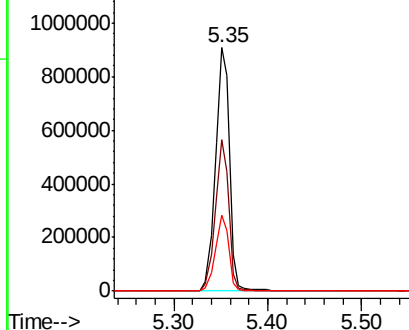
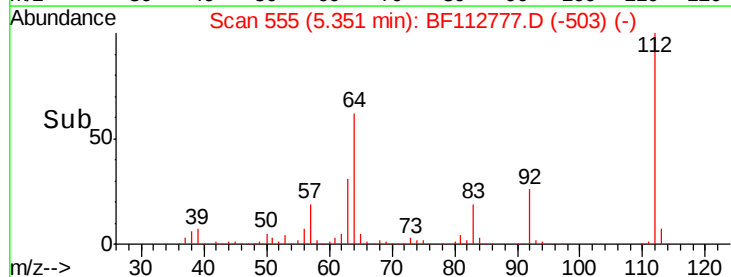
#5

2-Fluorophenol
Concen: 86.298 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF112777.D
Acq: 28 Feb 2019 22:39

Tgt Ion:112 Resp: 961333
Ion Ratio Lower Upper
112 100
64 62.1 47.6 71.4
63 31.4 24.4 36.6



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: 86.688 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF112777.D

Acq: 28 Feb 2019 22:39

Instrument :

BNA_F

ClientSampleId :

SR-9-S

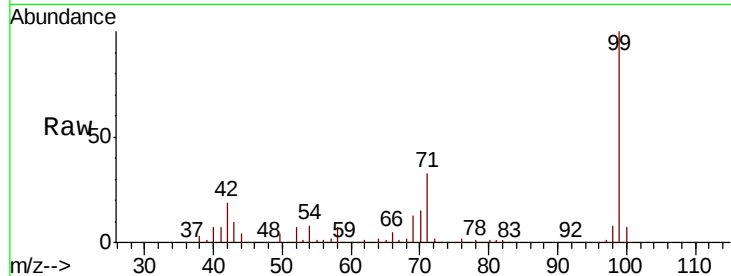
Tot Ion: 99 Resp: 1213051

Ion Ratio Lower Upper

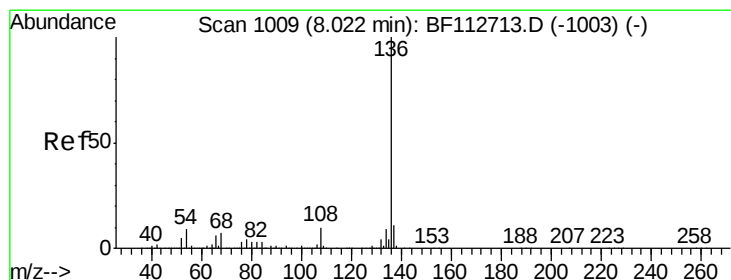
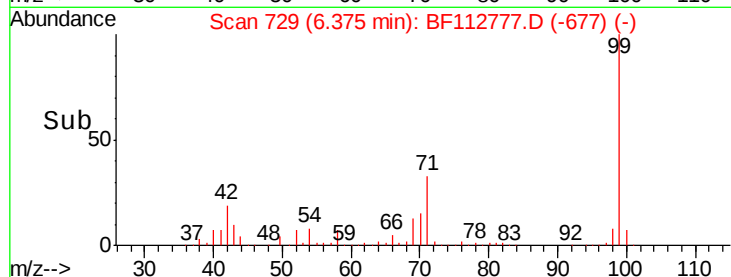
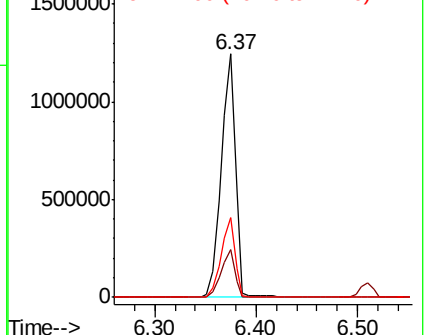
99 100

42 19.5 16.3 24.5

71 32.6 26.2 39.4



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: 8.02 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF112777.D

Acq: 28 Feb 2019 22:39

Tgt Ion: 136 Resp: 647516

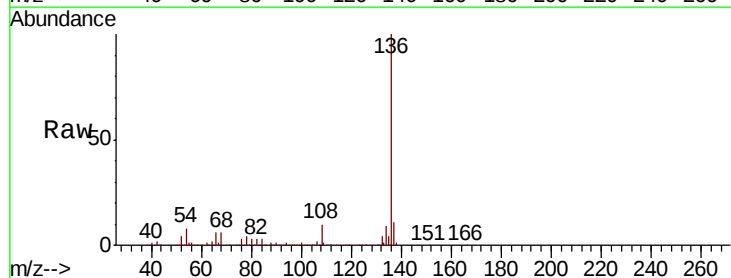
Ion Ratio Lower Upper

136 100

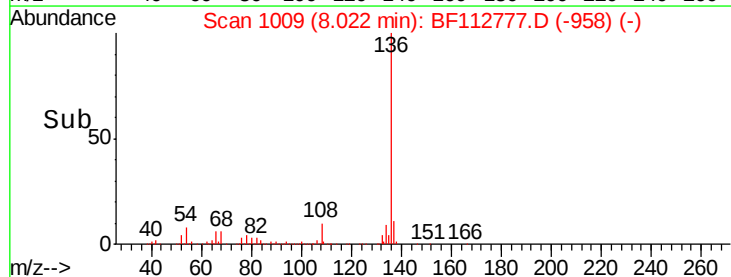
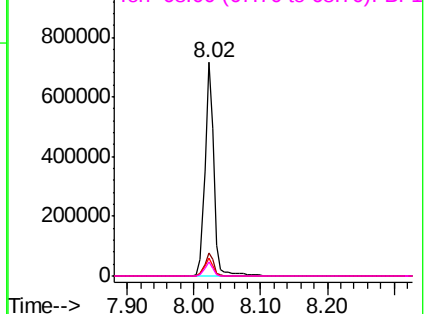
137 11.1 8.9 13.3

54 8.3 7.3 10.9

68 6.4 5.4 8.2



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

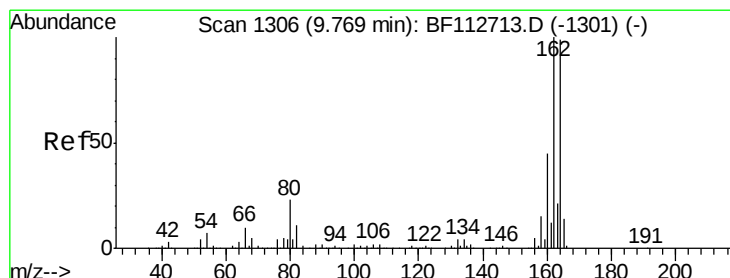
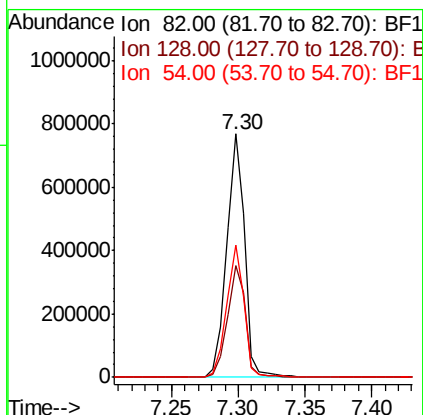
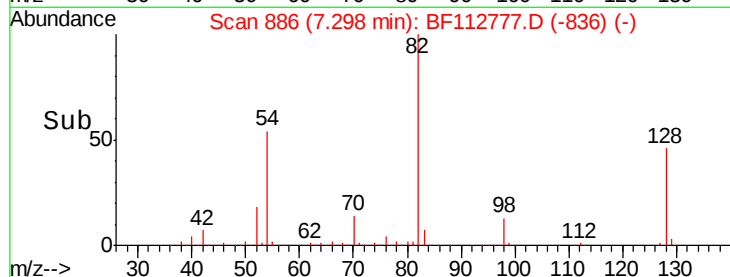
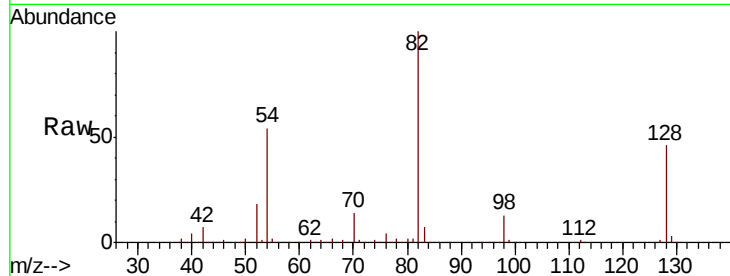




#23
Nitrobenzene-d5
Concen: 67.552 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112777.D
Acq: 28 Feb 2019 22:39

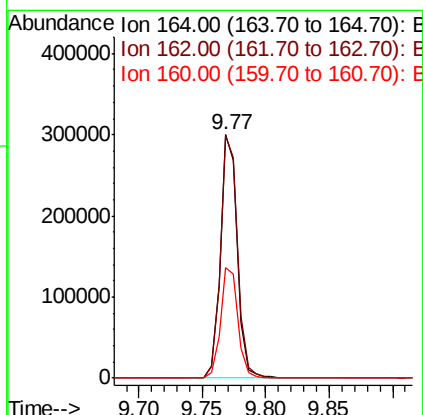
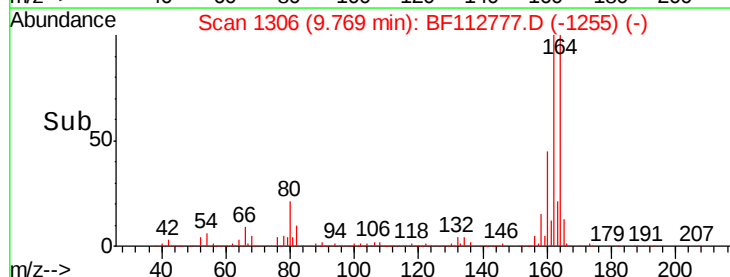
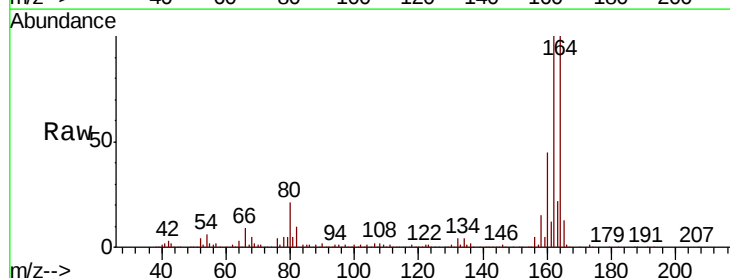
Instrument :
BNA_F
ClientSampleId :
SR-9-S

Tot Ion: 82 Resp: 730988
Ion Ratio Lower Upper
82 100
128 46.1 36.3 54.5
54 54.1 43.7 65.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF112777.D
Acq: 28 Feb 2019 22:39

Tgt Ion:164 Resp: 278489
Ion Ratio Lower Upper
164 100
162 99.8 80.6 120.8
160 45.3 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 94.630 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BF112777.D

Acq: 28 Feb 2019 22:39

Instrument :

BNA_F

ClientSampleId :

SR-9-S

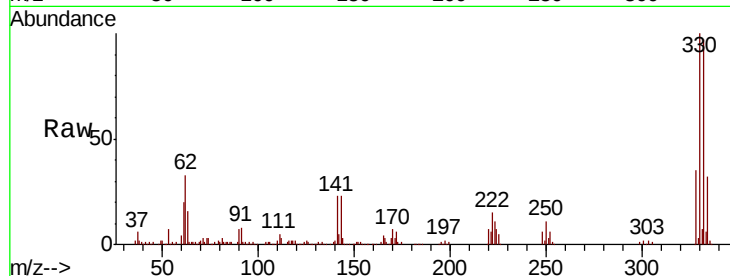
Tot Ion:330 Resp: 279774

Ion Ratio Lower Upper

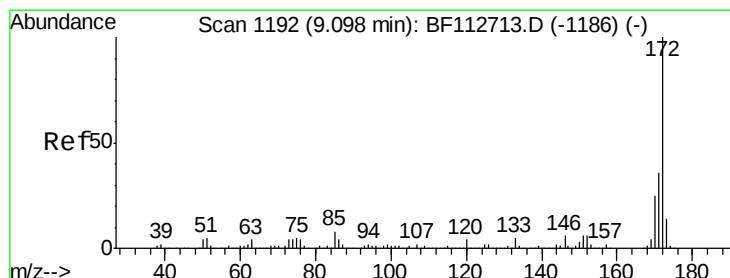
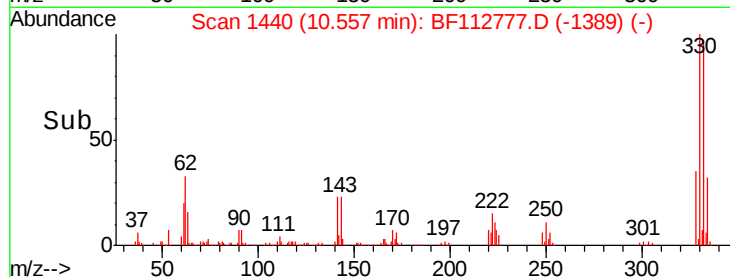
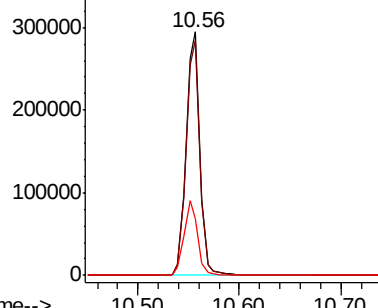
330 100

332 96.8 76.2 114.4

141 31.2 27.0 40.6



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: 76.212 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BF112777.D

Acq: 28 Feb 2019 22:39

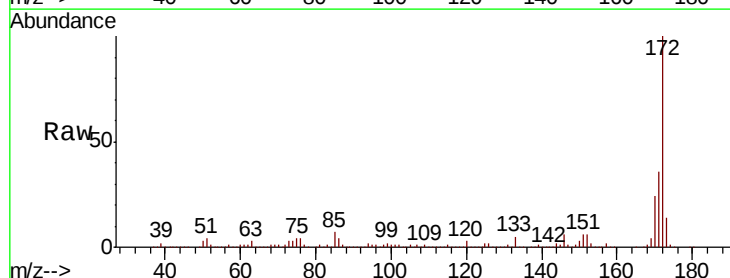
Tgt Ion:172 Resp: 1258865

Ion Ratio Lower Upper

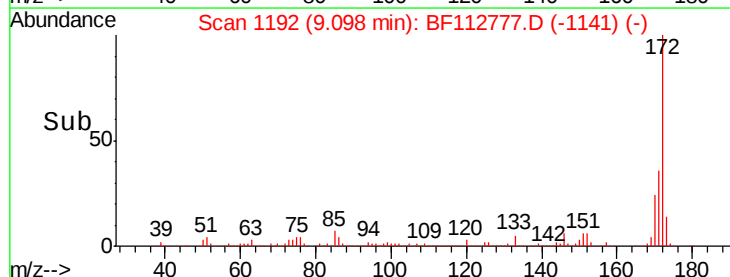
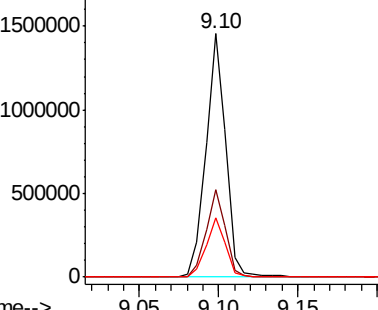
172 100

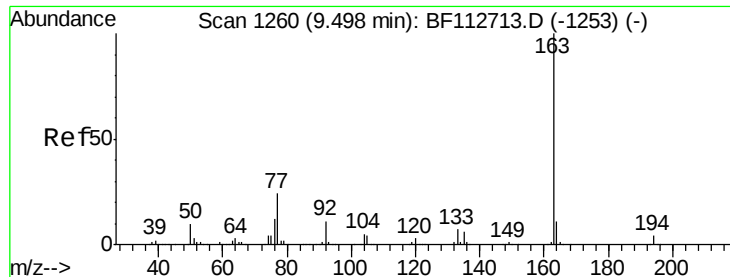
171 36.0 29.0 43.4

170 24.5 20.0 30.0



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: 4.503 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BF112777.D

Acq: 28 Feb 2019 22:39

Instrument :

BNA_F

ClientSampled :

SR-9-S

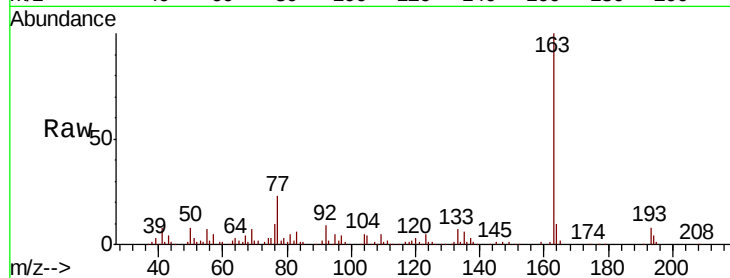
Tot Ion:163 Resp: 92470

Ion Ratio Lower Upper

163 100

194 4.3 3.0 4.4

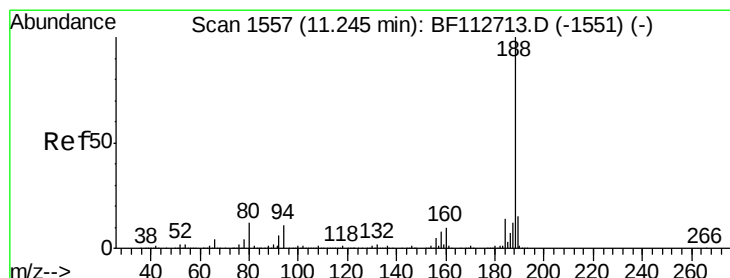
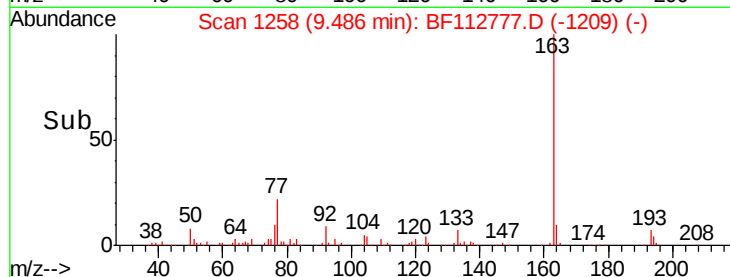
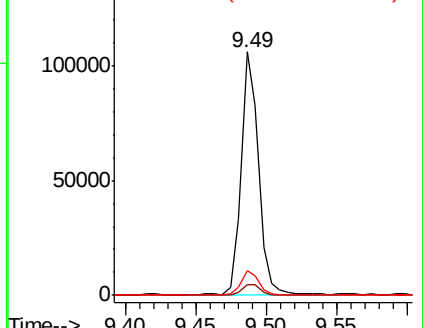
164 10.3 8.4 12.6



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: 11.24 min Scan# 1557

Delta R.T. -0.00 min

Lab File: BF112777.D

Acq: 28 Feb 2019 22:39

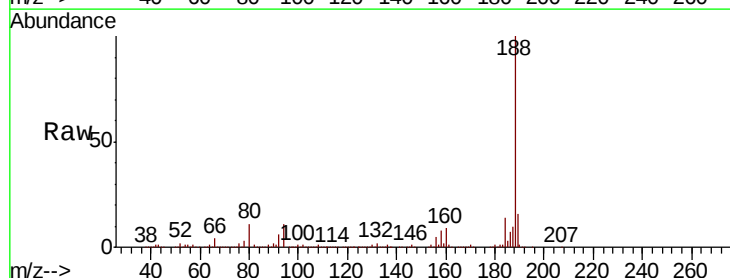
Tgt Ion:188 Resp: 462723

Ion Ratio Lower Upper

188 100

94 10.9 9.0 13.4

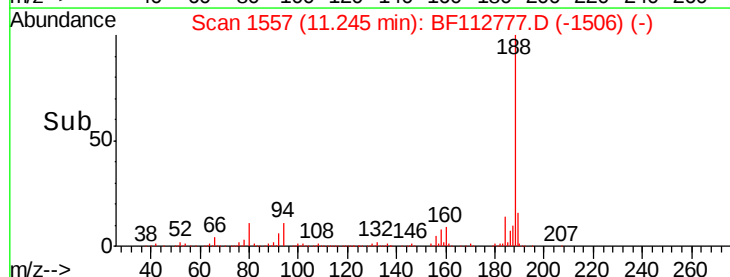
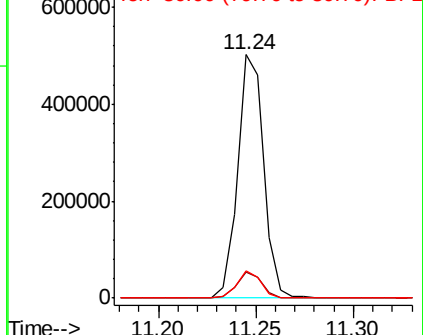
80 11.1 9.2 13.8

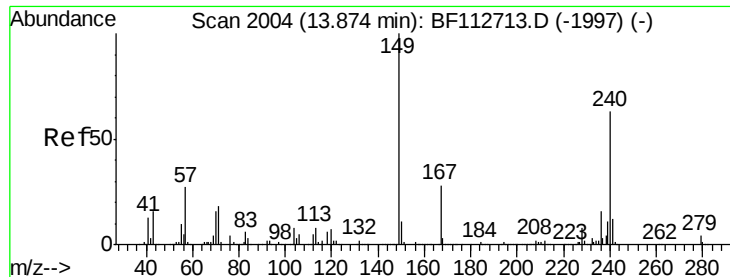


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.87 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BF112777.D

Acq: 28 Feb 2019 22:39

Instrument :

BNA_F

ClientSampleId :

SR-9-S

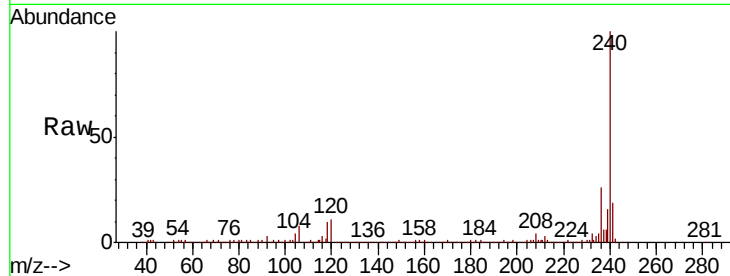
Tot Ion:240 Resp: 424667

Ion Ratio Lower Upper

240 100

120 11.4 8.9 13.3

236 26.3 20.7 31.1



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

600000

500000

400000

300000

200000

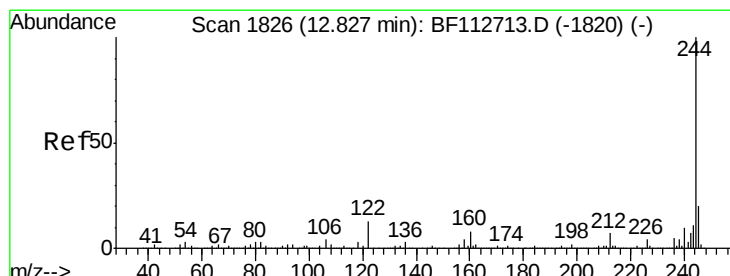
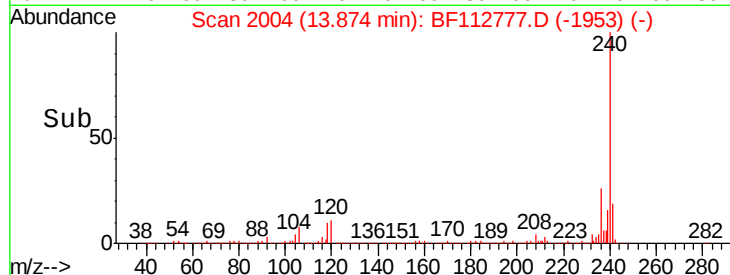
100000

0

13.87

13.80 13.85 13.90 13.95

Time-->



#79

Terphenyl-d14

Concen: 49.751 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.00 min

Lab File: BF112777.D

Acq: 28 Feb 2019 22:39

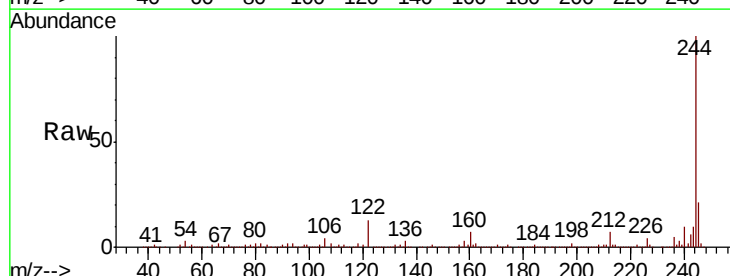
Tgt Ion:244 Resp: 1089893

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 12.6 10.5 15.7



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

1500000

1000000

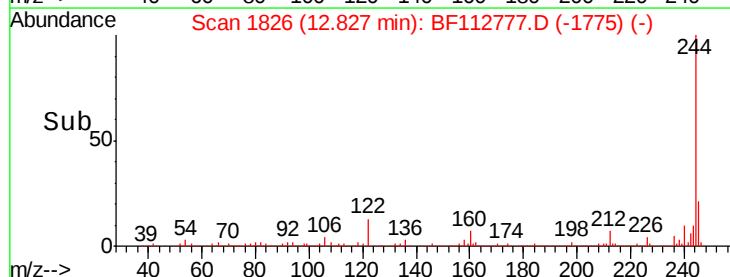
500000

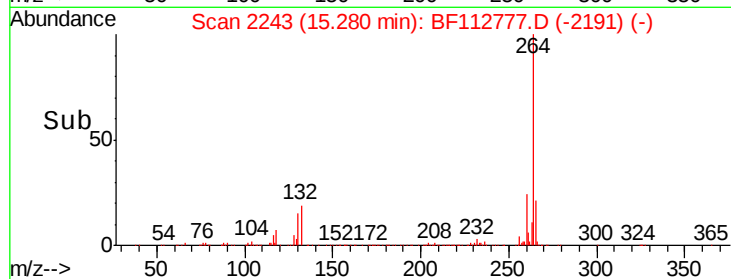
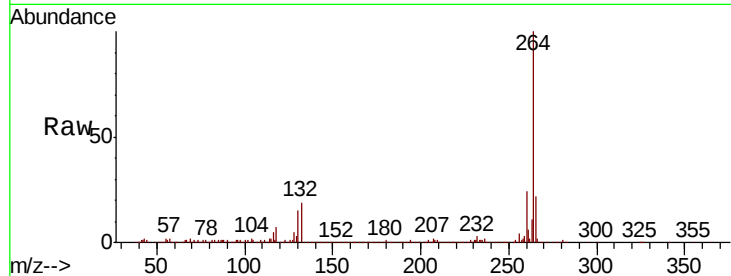
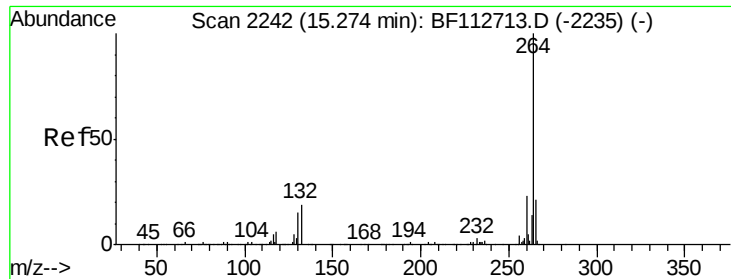
0

12.83

12.80 12.85 12.90

Time-->





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF112777.D
Acq: 28 Feb 2019 22:39

Instrument :
BNA_F
ClientSampleId :
SR-9-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.7	28.1
265	21.7	17.2	25.8

