

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
 Data File : BF112736.D
 Acq On : 27 Feb 2019 23:18
 Operator : JU/SJ
 Sample : K1594-39 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-9(4-5)

Quant Time: Feb 28 03:37:45 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	6.74	152	184456	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	655682	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	270190	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	537813	20.00	ng	0.00
76) Chrysene-d12	13.87	240	481426	20.00	ng	0.00
87) Perylene-d12	15.28	264	312871	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	187495	15.81	ng	-0.01
7) Phenol-d6	6.36	99	236056	15.85	ng	-0.01
23) Nitrobenzene-d5	7.29	82	118826	10.84	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	46627	16.26	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	223725	1.21	ng	0.00
79) Terphenyl-d14	12.83	244	258905	10.43	ng	0.00

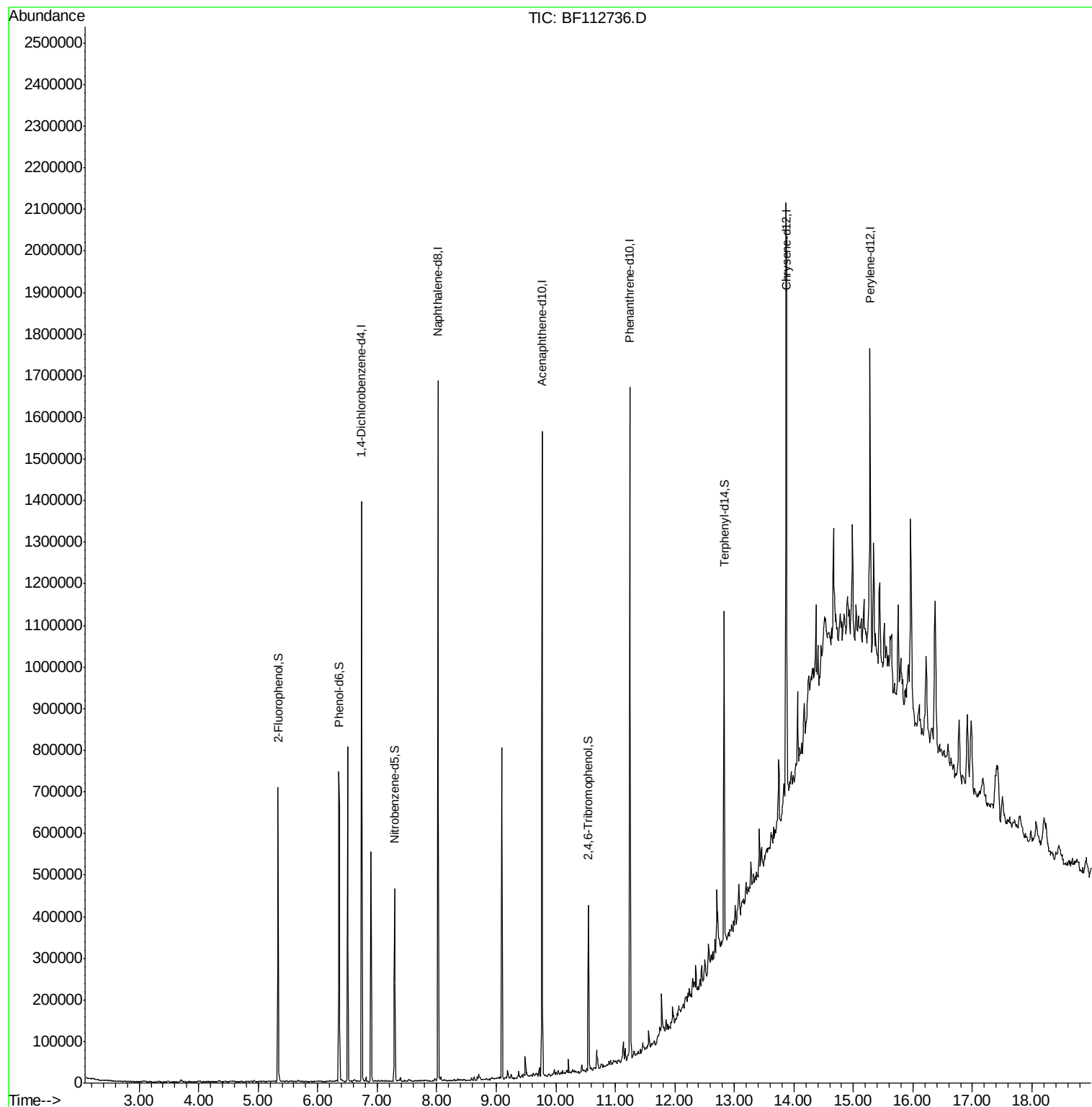
Target Compounds Qvalue

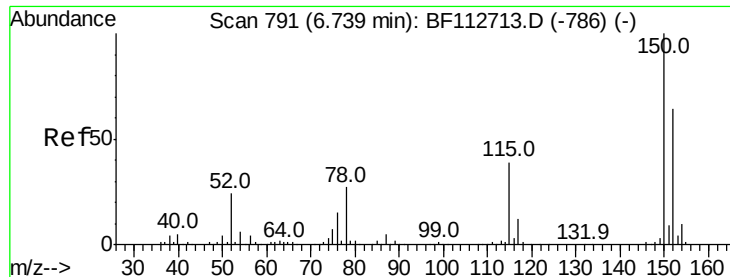
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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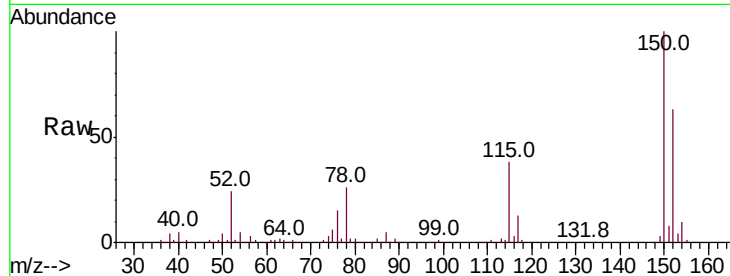


#1

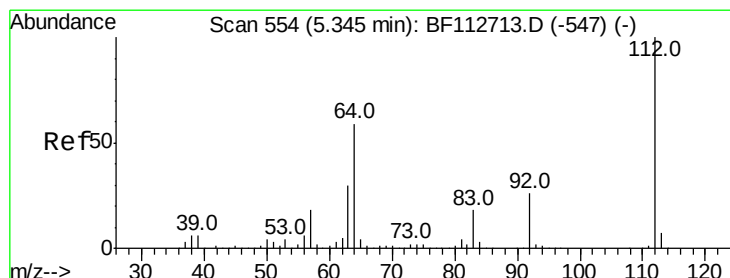
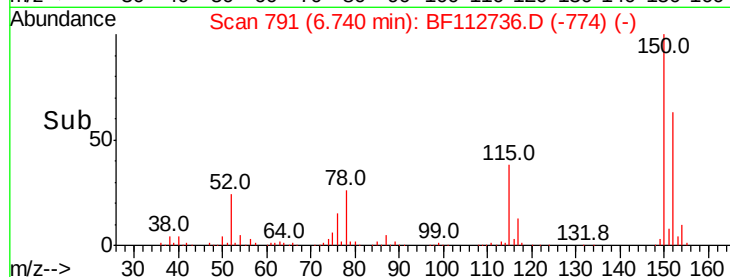
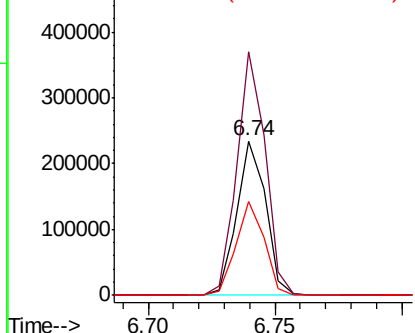
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Instrument :
BNA_F
ClientSampled :
B-9(4-5)

Tot Ion:152 Resp: 184456
Ion Ratio Lower Upper
152 100
150 157.5 124.2 186.2
115 60.4 48.2 72.4



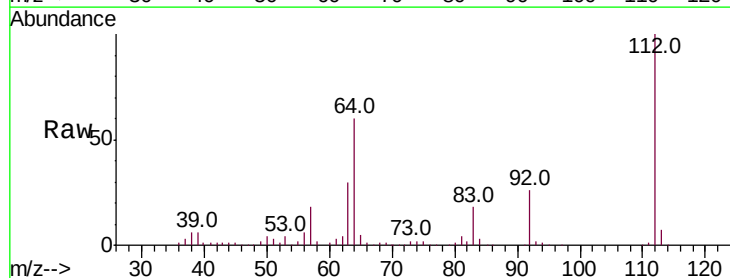
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



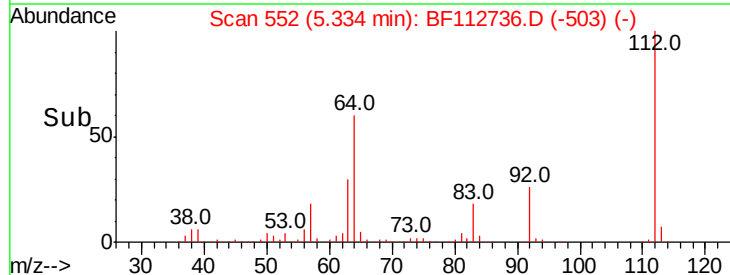
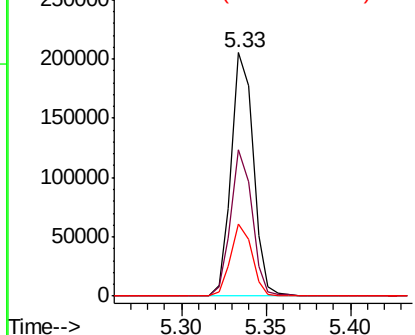
#5

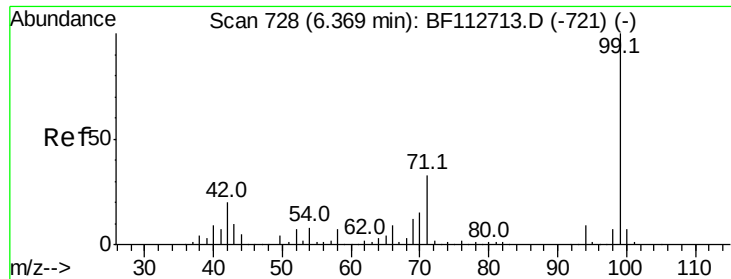
2-Fluorophenol
Concen: 15.812 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Tgt Ion:112 Resp: 187495
Ion Ratio Lower Upper
112 100
64 60.2 47.6 71.4
63 29.8 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: 15.847 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF112736.D

Acq: 27 Feb 2019 23:18

Instrument :

BNA_F

ClientSampleId :

B-9(4-5)

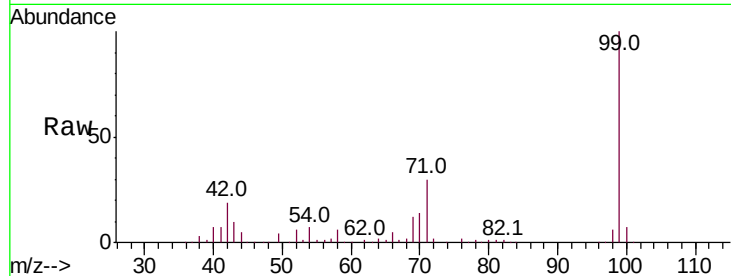
Tot Ion: 99 Resp: 236056

Ion Ratio Lower Upper

99 100

42 18.8 16.3 24.5

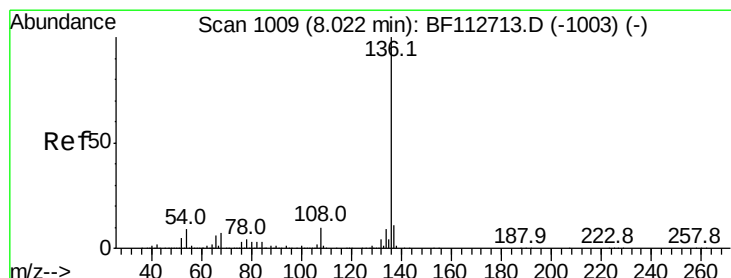
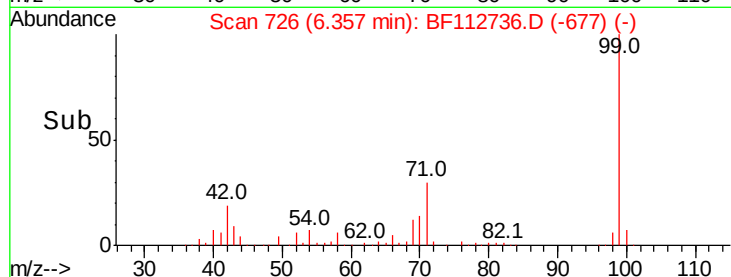
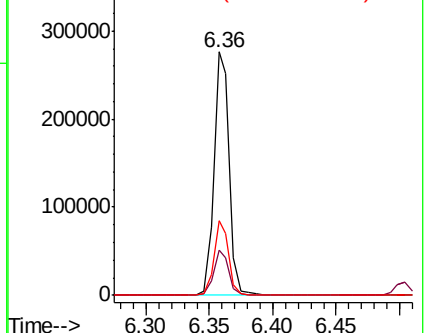
71 30.5 26.2 39.4



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: BF112736.D

Acq: 27 Feb 2019 23:18

Tgt Ion: 136 Resp: 655682

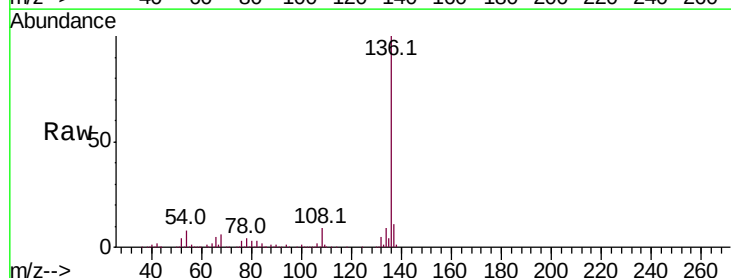
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 8.3 7.3 10.9

68 6.4 5.4 8.2

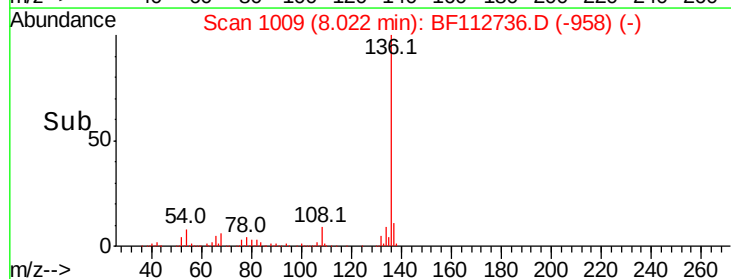
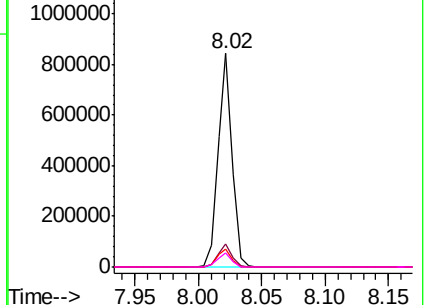


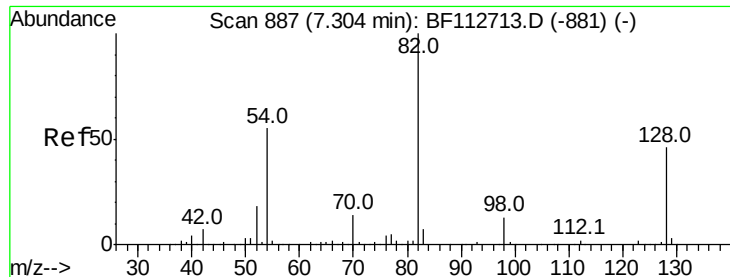
Abundance Ion 136.00 (135.70 to 136.70): E

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

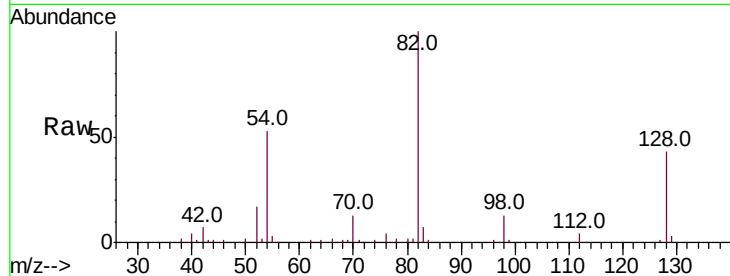




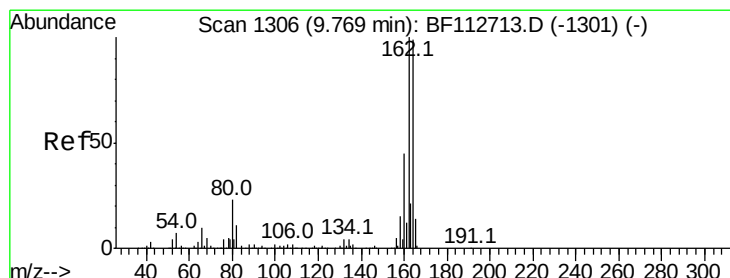
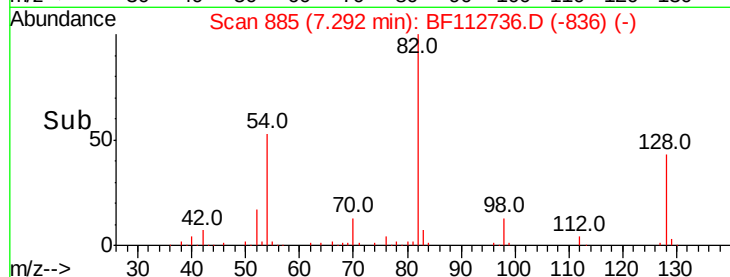
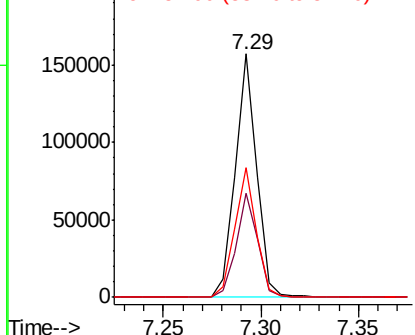
#23
Nitrobenzene-d5
Concen: 10.844 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Instrument :
BNA_F
ClientSampleId :
B-9(4-5)

Tot Ion: 82 Resp: 118826
Ion Ratio Lower Upper
82 100
128 42.9 36.3 54.5
54 53.1 43.7 65.5

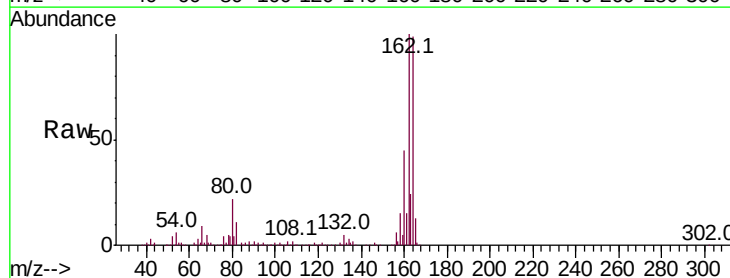


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

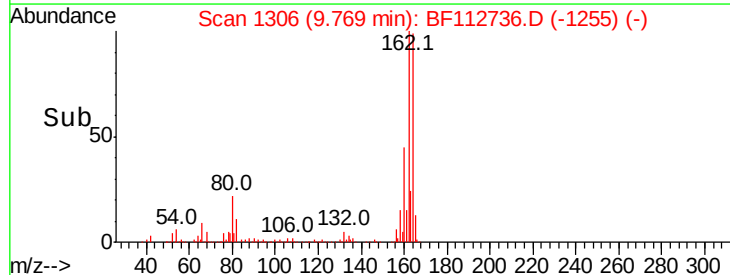
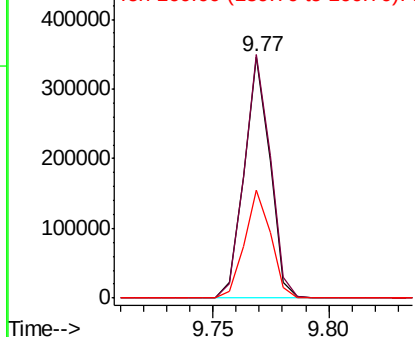


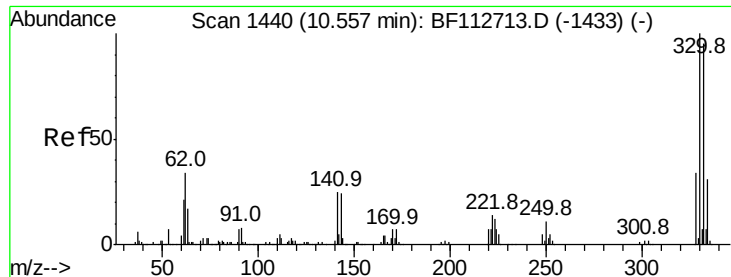
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Tgt Ion:164 Resp: 270190
Ion Ratio Lower Upper
164 100
162 100.9 80.6 120.8
160 44.9 36.0 54.0



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: 16.255 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF112736.D

Acq: 27 Feb 2019 23:18

Instrument :

BNA_F

ClientSampleId :

B-9(4-5)

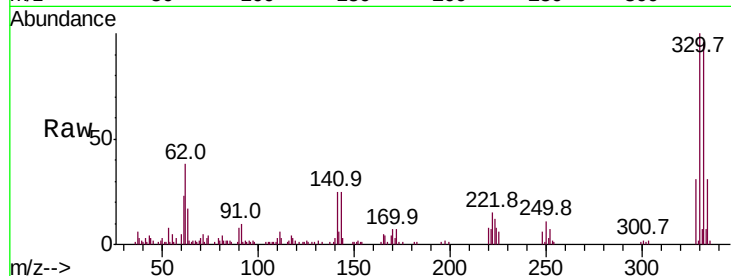
Tot Ion:330 Resp: 46627

Ion Ratio Lower Upper

330 100

332 94.0 76.2 114.4

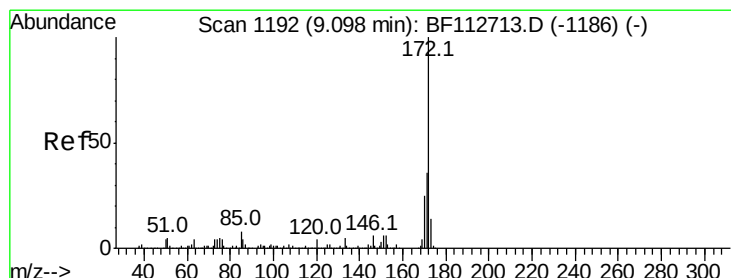
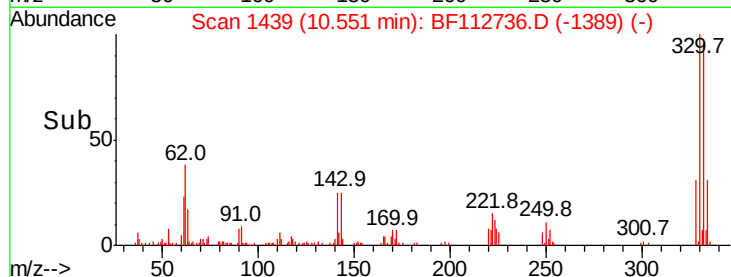
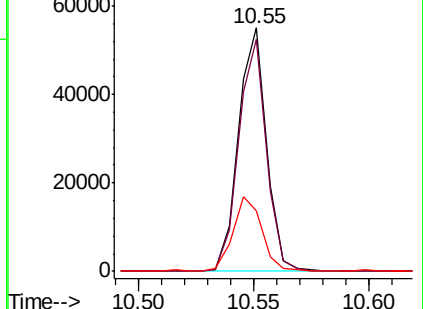
141 31.7 27.0 40.6



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: 1.213 ng

RT: 9.09 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BF112736.D

Acq: 27 Feb 2019 23:18

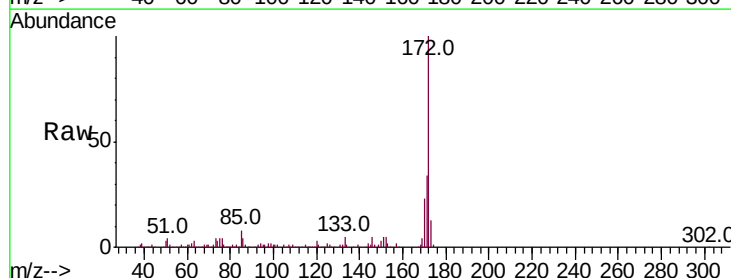
Tgt Ion:172 Resp: 223725

Ion Ratio Lower Upper

172 100

171 34.3 29.0 43.4

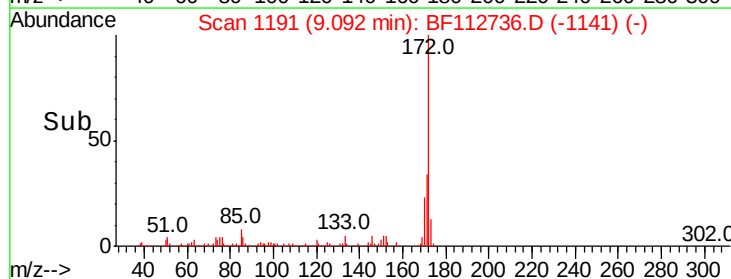
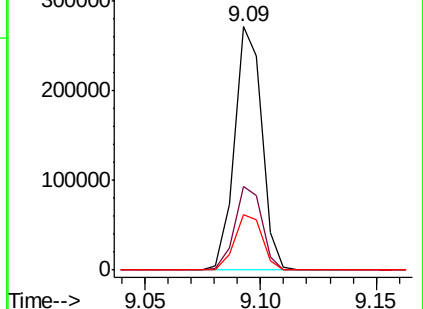
170 22.8 20.0 30.0

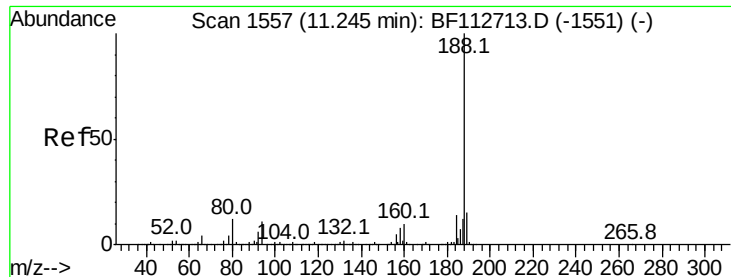


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

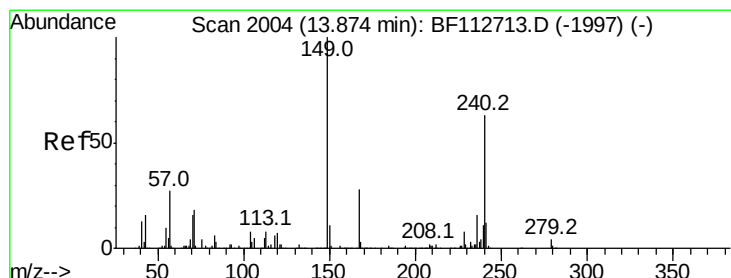
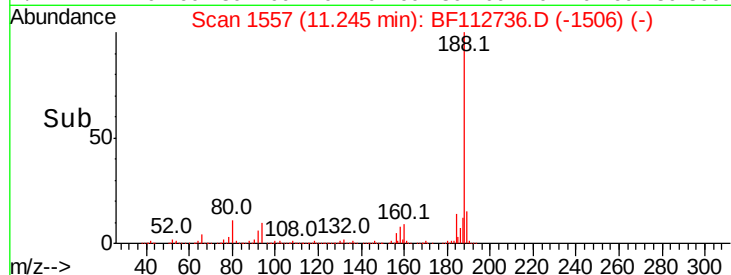
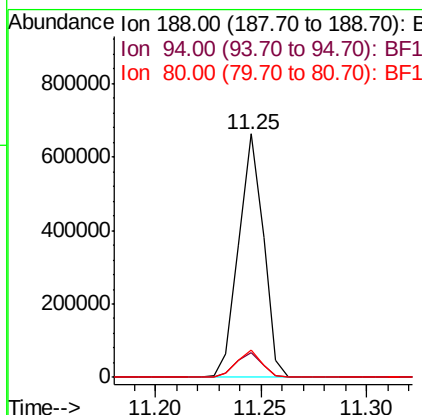
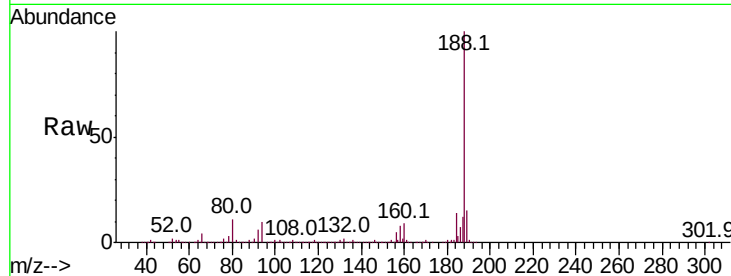




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

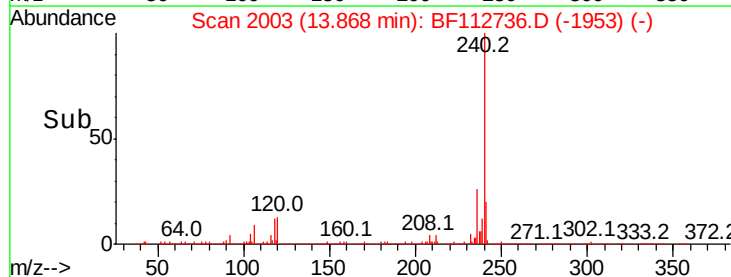
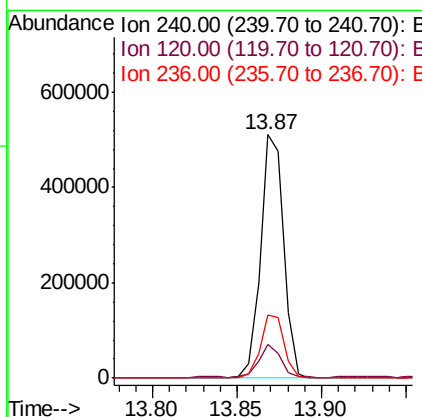
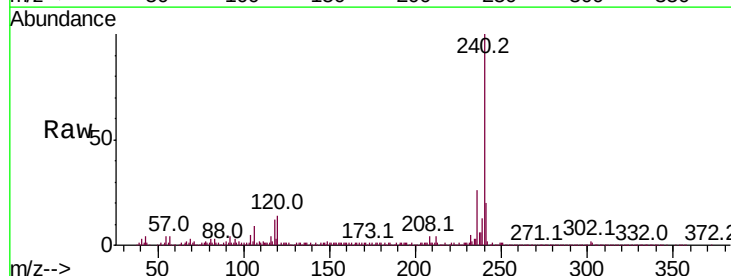
Instrument :
BNA_F
ClientSampleId :
B-9(4-5)

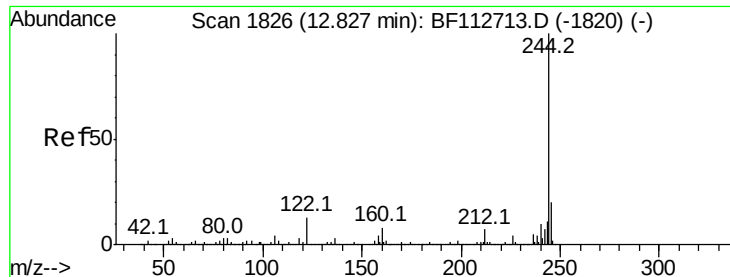
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.0	13.4
80	11.0	9.2	13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.6	8.9	13.3#
236	26.0	20.7	31.1





#79

Terphenyl-d14

Concen: 10.425 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF112736.D

Acq: 27 Feb 2019 23:18

Instrument :

BNA_F

ClientSampleId :

B-9(4-5)

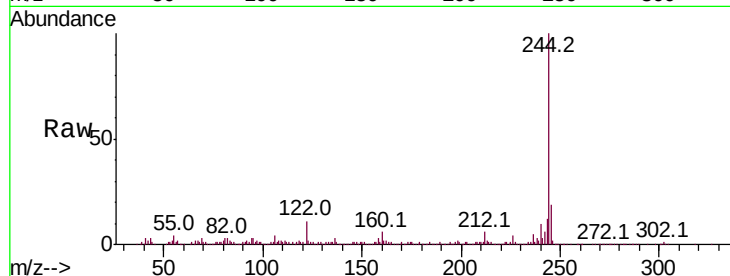
Tot Ion:244 Resp: 258905

Ion Ratio Lower Upper

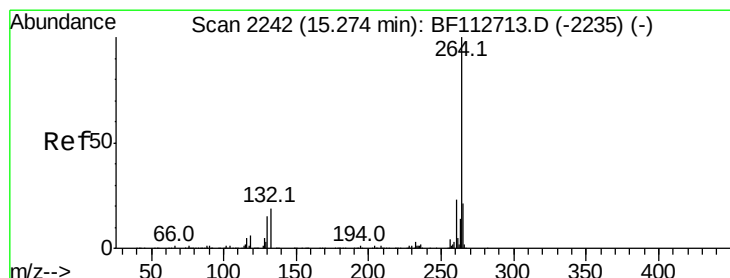
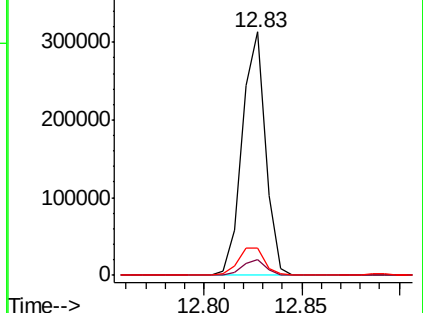
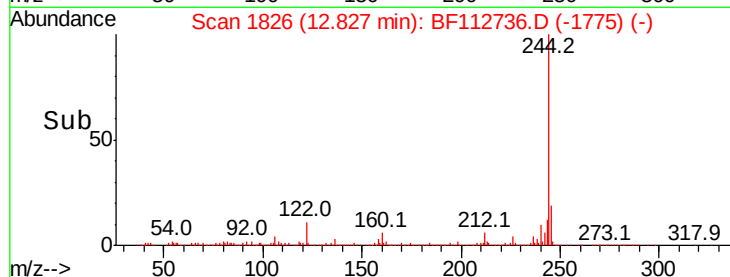
244 100

212 6.3 5.6 8.4

122 11.1 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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.28 min Scan# 2243

Delta R.T. 0.01 min

Lab File: BF112736.D

Acq: 27 Feb 2019 23:18

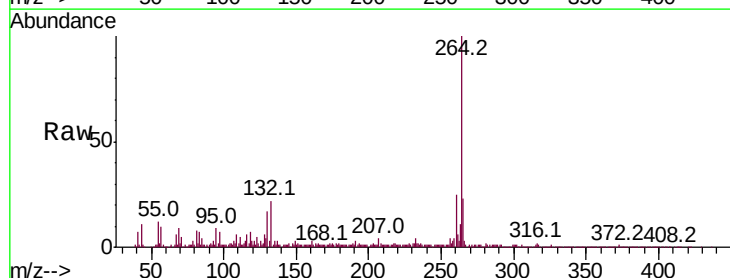
Tgt Ion:264 Resp: 312871

Ion Ratio Lower Upper

264 100

260 25.3 18.7 28.1

265 22.6 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

