

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022819\
 Data File : BF112786.D
 Acq On : 1 Mar 2019 2:44
 Operator : JU/SJ
 Sample : K1650-14 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-7(3.5-4.5)

Quant Time: Mar 01 08:44:15 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	173775	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	641113	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	266659	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	490220	20.00	ng	0.00
76) Chrysene-d12	13.87	240	487544	20.00	ng	0.00
87) Perylene-d12	15.29	264	421241	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	196546	17.59	ng	0.00
7) Phenol-d6	6.36	99	257256	18.33	ng	0.00
23) Nitrobenzene-d5	7.29	82	141577	13.21	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	51174	18.08	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	253026	3.67	ng	0.00
79) Terphenyl-d14	12.83	244	255629	10.16	ng	0.00

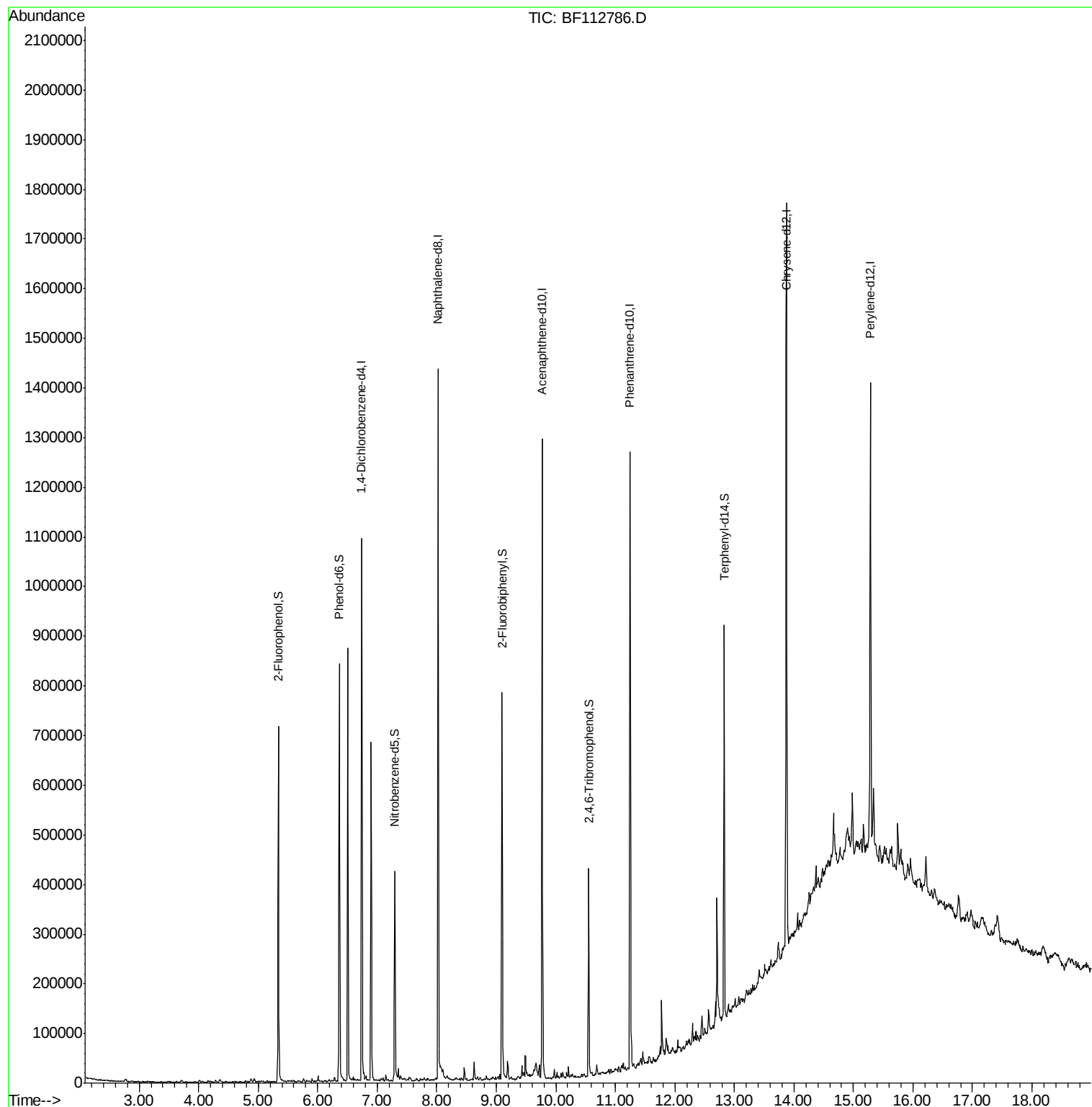
Target Compounds Qvalue

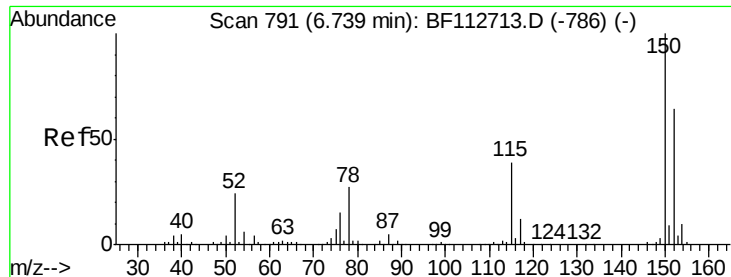
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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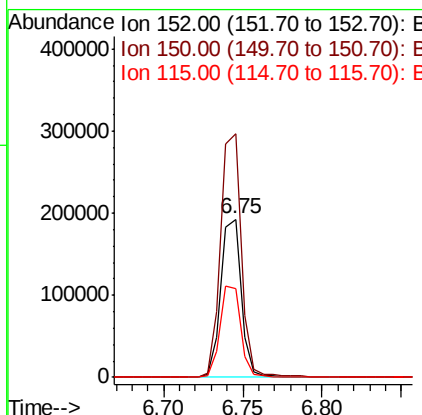
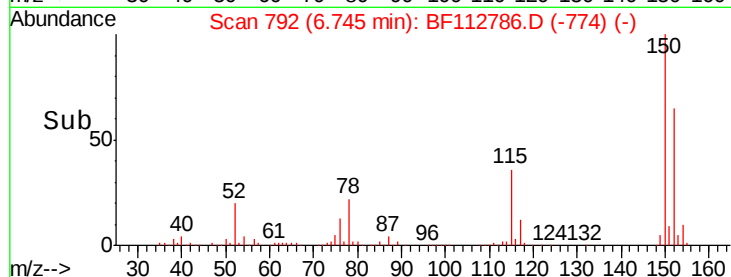
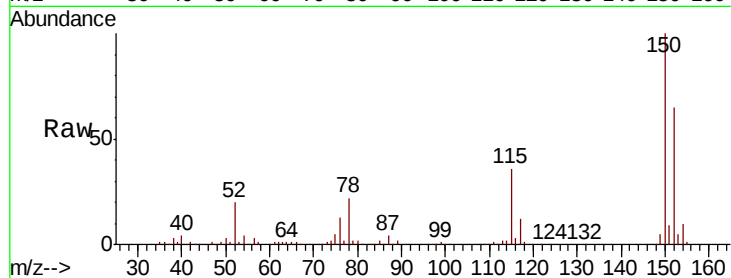


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112786.D
Acq: 1 Mar 2019 2:44

Instrument :
BNA_F
ClientSampleId :
B-7(3.5-4.5)

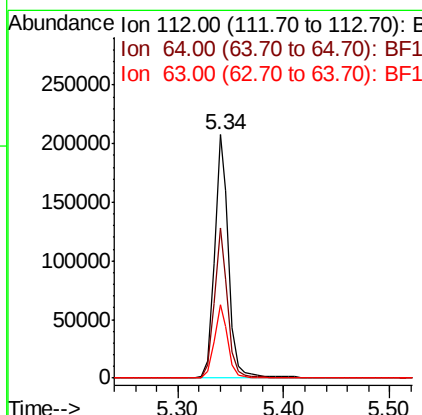
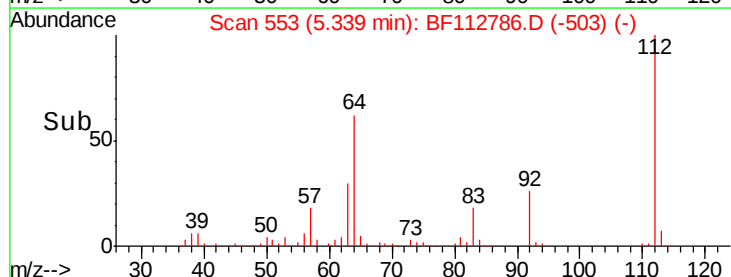
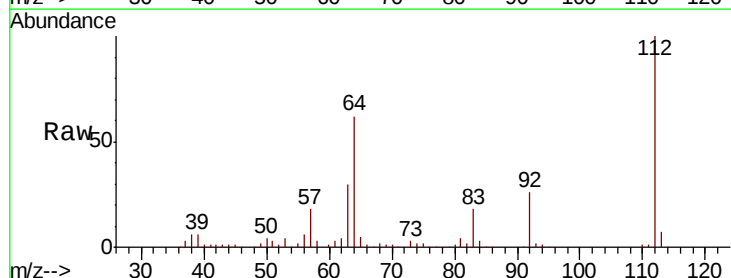
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.2	186.2
115	56.1	48.2	72.4

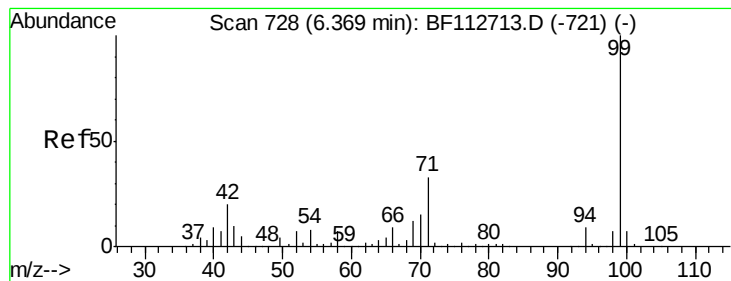


#5

2-Fluorophenol
Concen: 17.594 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF112786.D
Acq: 1 Mar 2019 2:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.6	47.6	71.4
63	30.0	24.4	36.6





#7

Phenol-d6

Concen: 18.332 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF112786.D

Acq: 1 Mar 2019 2:44

Instrument :

BNA_F

ClientSampleId :

B-7(3.5-4.5)

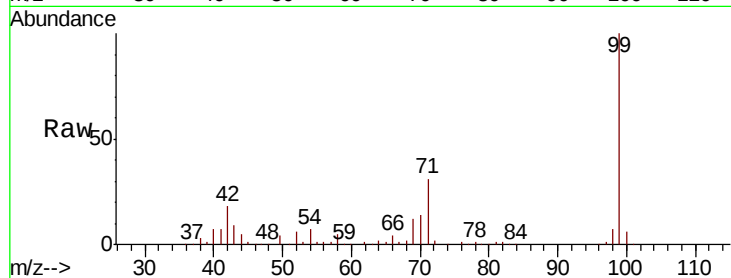
Tot Ion: 99 Resp: 257256

Ion Ratio Lower Upper

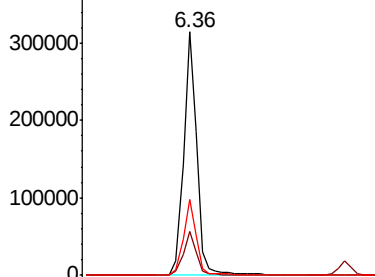
99 100

42 17.9 16.3 24.5

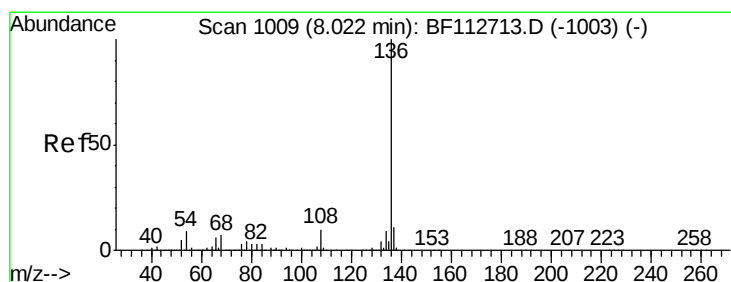
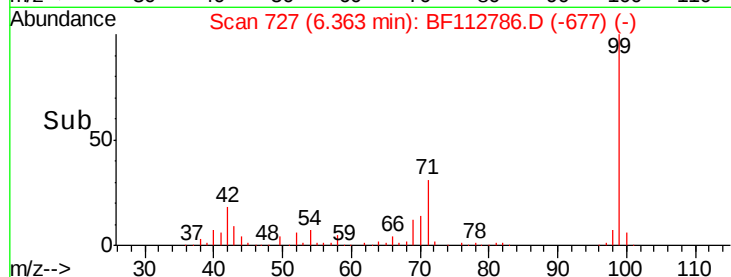
71 31.1 26.2 39.4



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



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF112786.D

Acq: 1 Mar 2019 2:44

Tgt Ion: 136 Resp: 641113

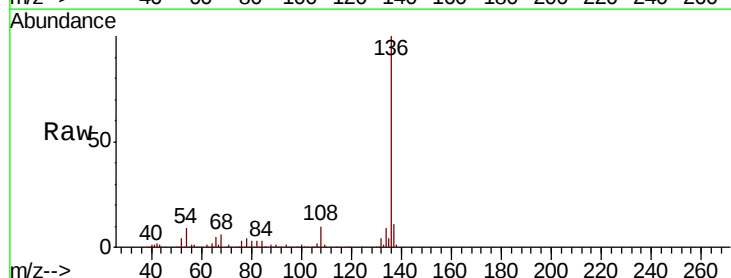
Ion Ratio Lower Upper

136 100

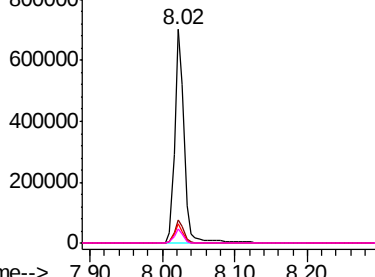
137 10.8 8.9 13.3

54 8.7 7.3 10.9

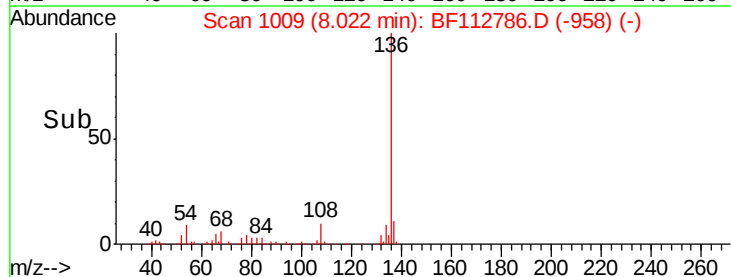
68 6.4 5.4 8.2

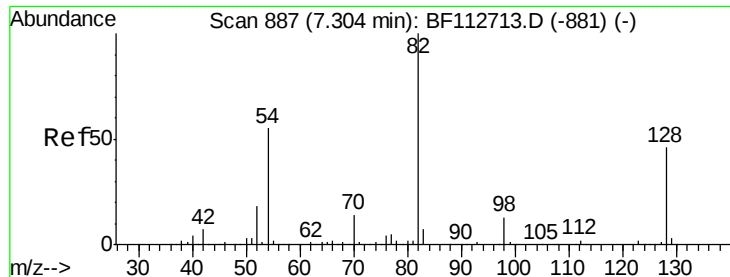


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



Time-->

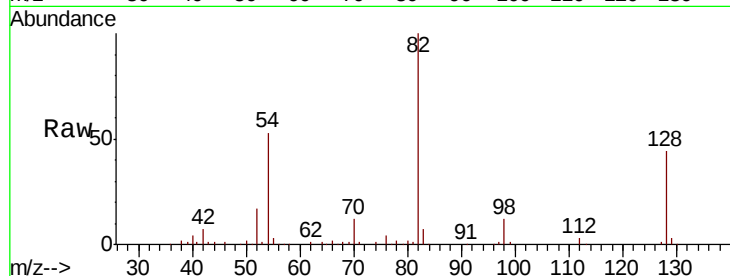




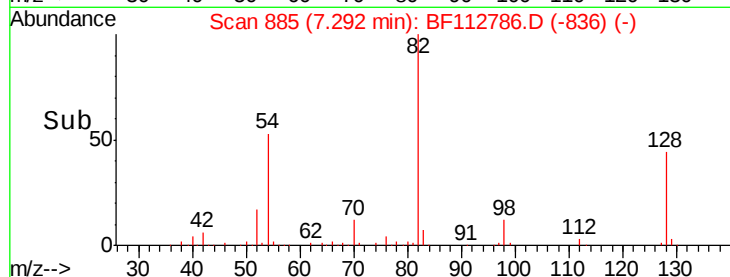
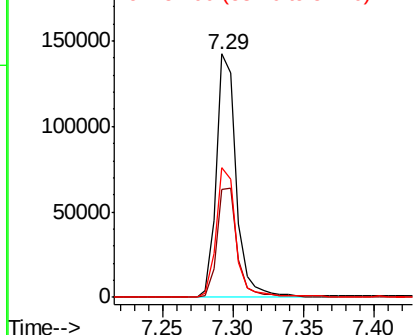
#23
Nitrobenzene-d5
Concen: 13.214 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF112786.D
Acq: 1 Mar 2019 2:44

Instrument :
BNA_F
ClientSampled :
B-7(3.5-4.5)

Tot Ion: 82 Resp: 141577
Ion Ratio Lower Upper
82 100
128 44.3 36.3 54.5
54 53.4 43.7 65.5

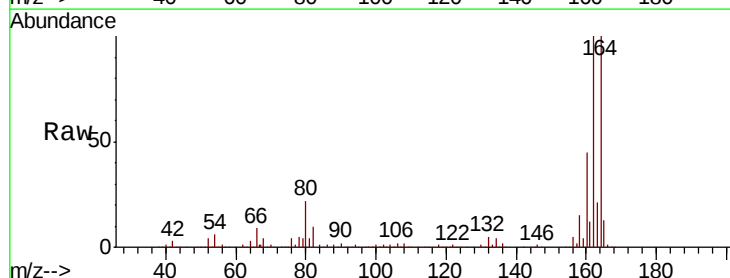


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

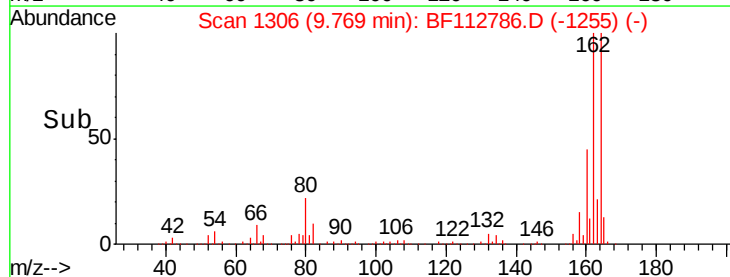
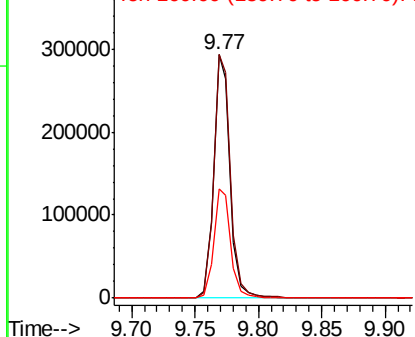


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF112786.D
Acq: 1 Mar 2019 2:44

Tgt Ion: 164 Resp: 266659
Ion Ratio Lower Upper
164 100
162 100.2 80.6 120.8
160 45.2 36.0 54.0



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

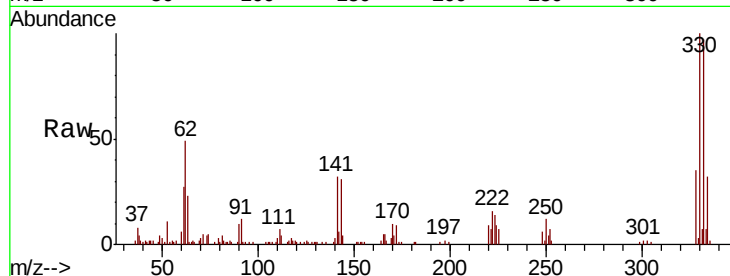




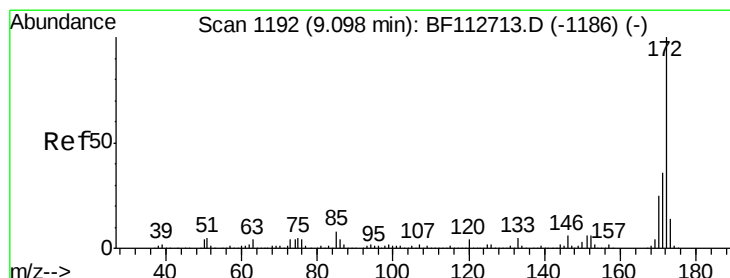
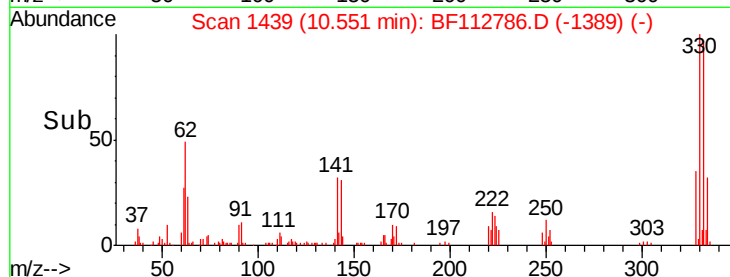
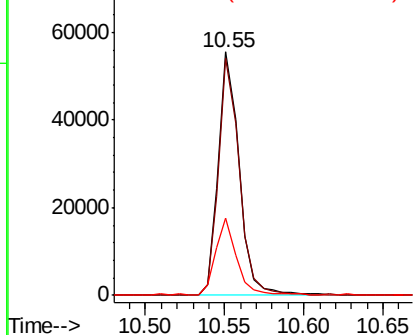
#42
 2,4,6-Tribromophenol
 Concen: 18.077 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF112786.D
 Acq: 1 Mar 2019 2:44

Instrument :
 BNA_F
 ClientSampleId :
 B-7(3.5-4.5)

Tot Ion:330 Resp: 51174
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.2 114.4
 141 32.0 27.0 40.6

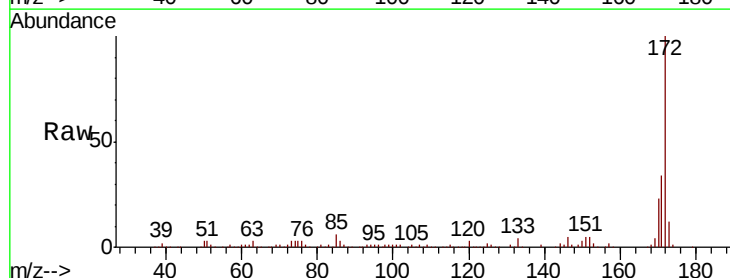


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

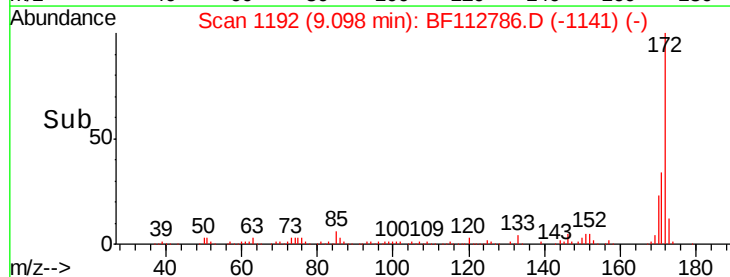
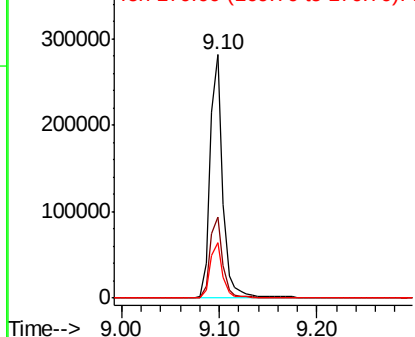


#45
 2-Fluorobiphenyl
 Concen: 3.668 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF112786.D
 Acq: 1 Mar 2019 2:44

Tgt Ion:172 Resp: 253026
 Ion Ratio Lower Upper
 172 100
 171 33.5 29.0 43.4
 170 22.7 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# 1558

Delta R.T. 0.01 min

Lab File: BF112786.D

Acq: 1 Mar 2019 2:44

Instrument :

BNA_F

ClientSampleId :

B-7(3.5-4.5)

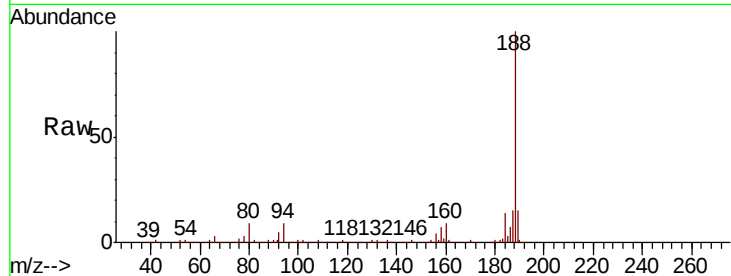
Tot Ion:188 Resp: 490220

Ion Ratio Lower Upper

188 100

94 9.1 9.0 13.4

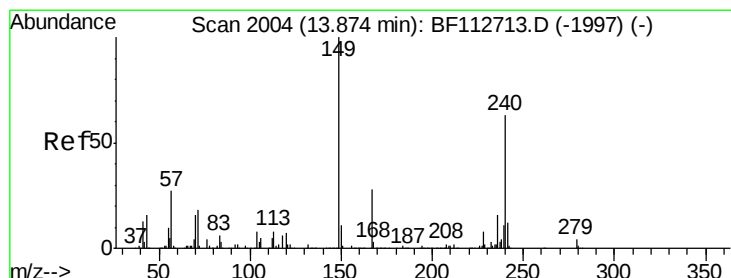
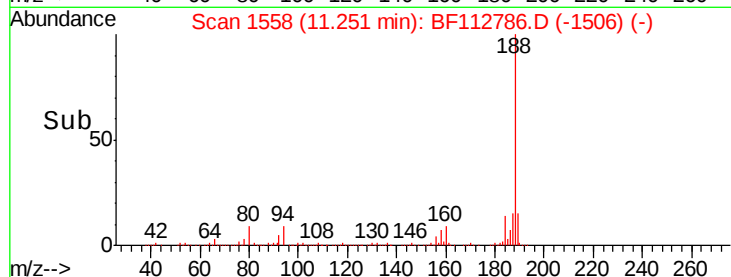
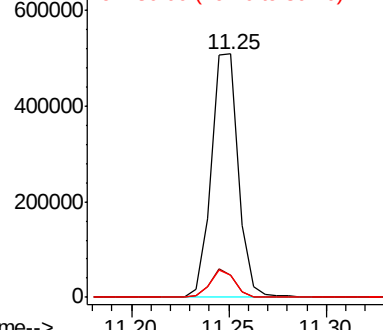
80 9.4 9.2 13.8



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: BF112786.D

Acq: 1 Mar 2019 2:44

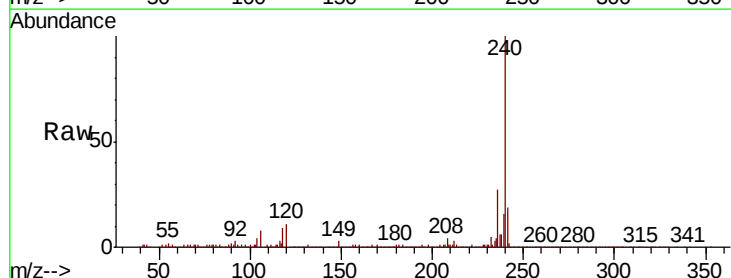
Tgt Ion:240 Resp: 487544

Ion Ratio Lower Upper

240 100

120 11.2 8.9 13.3

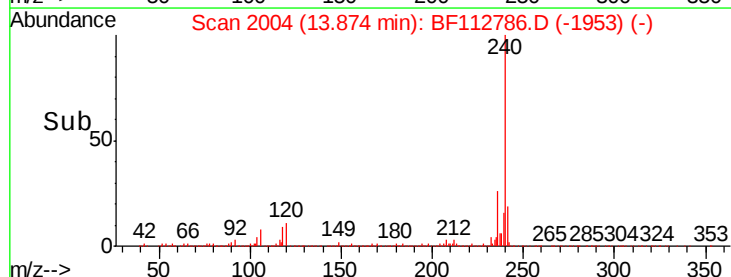
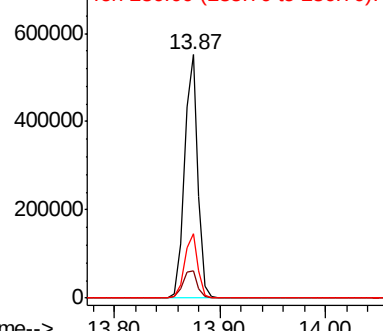
236 26.5 20.7 31.1

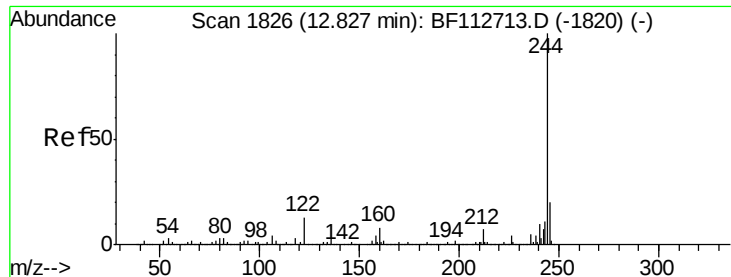


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 10.164 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.00 min

Lab File: BF112786.D

Acq: 1 Mar 2019 2:44

Instrument :

BNA_F

ClientSampleId :

B-7(3.5-4.5)

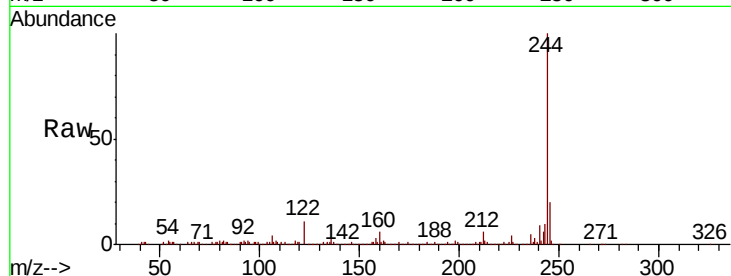
Tot Ion:244 Resp: 255629

Ion Ratio Lower Upper

244 100

212 6.2 5.6 8.4

122 10.5 10.5 15.7

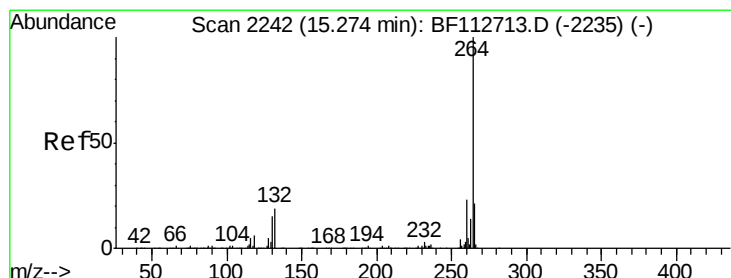
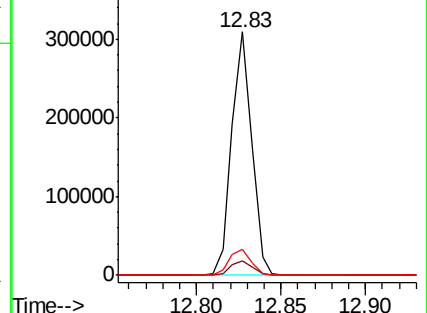
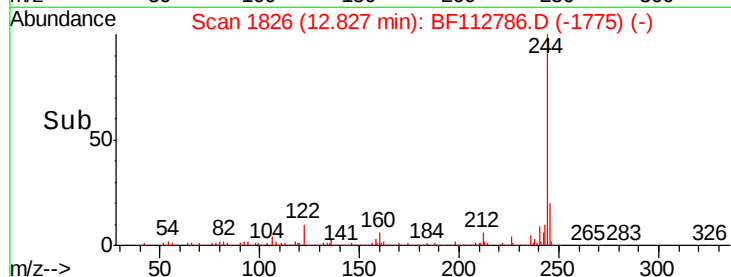


Abundance

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: 15.29 min Scan# 2244

Delta R.T. 0.01 min

Lab File: BF112786.D

Acq: 1 Mar 2019 2:44

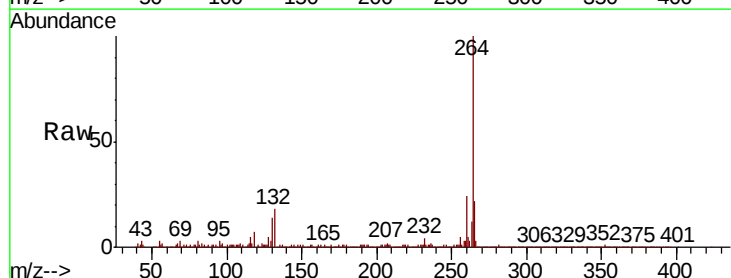
Tgt Ion:264 Resp: 421241

Ion Ratio Lower Upper

264 100

260 24.4 18.7 28.1

265 22.4 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

