

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
 Data File : BF112861.D
 Acq On : 5 Mar 2019 19:22
 Operator : JU/SJ
 Sample : K1715-07 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4-B-D

Quant Time: Mar 06 03:51:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	160029	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	668072	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	337410	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	658034	20.00	ng	0.00
76) Chrysene-d12	13.87	240	465377	20.00	ng	0.00
87) Perylene-d12	15.29	264	469574	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	155132	15.08	ng	-0.01
7) Phenol-d6	6.36	99	225102	17.42	ng	0.00
23) Nitrobenzene-d5	7.29	82	120578	10.80	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	67409	18.82	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	237030	8.15	ng	0.00
79) Terphenyl-d14	12.83	244	220948	9.20	ng	0.00

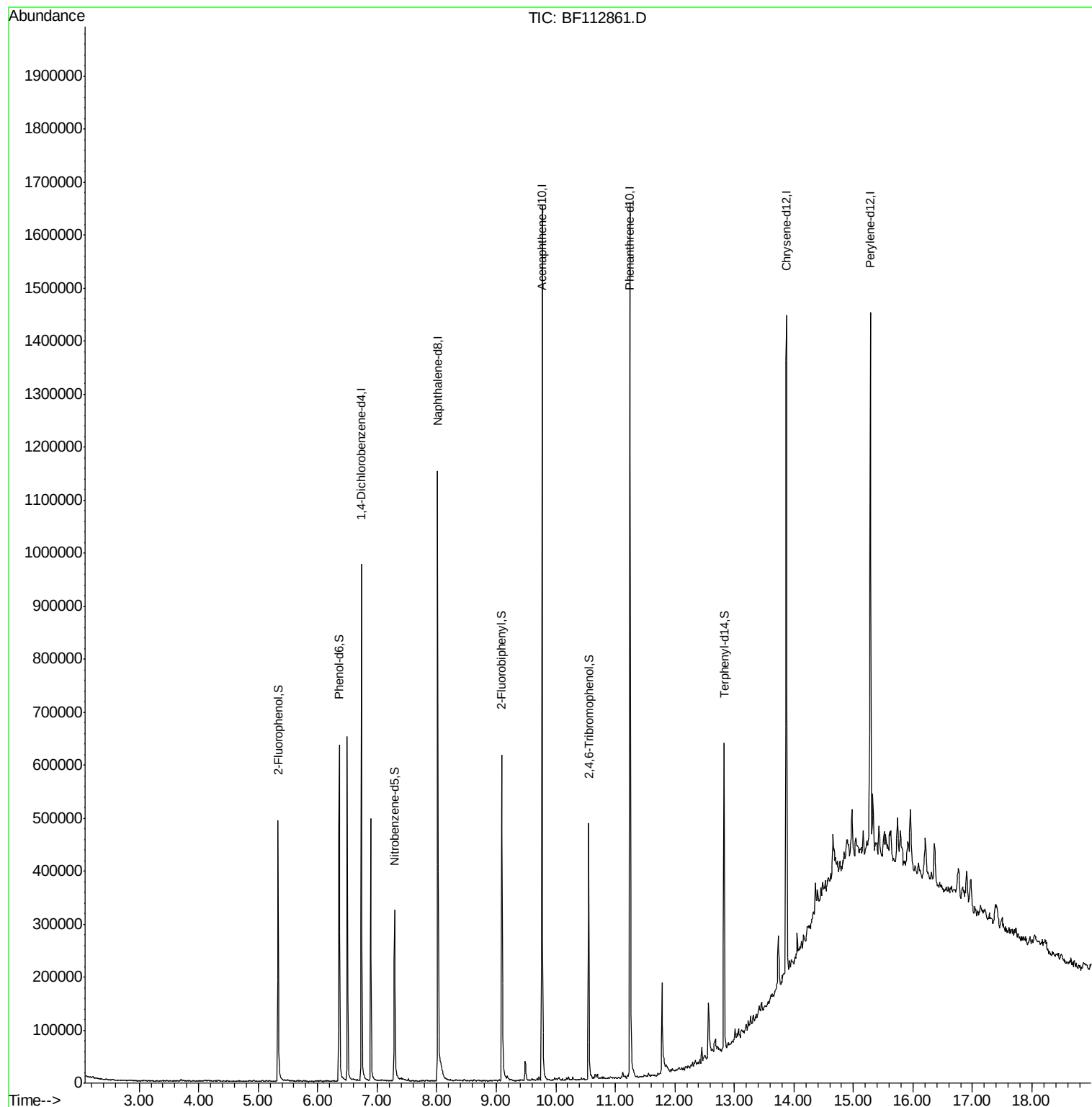
Target Compounds Qvalue

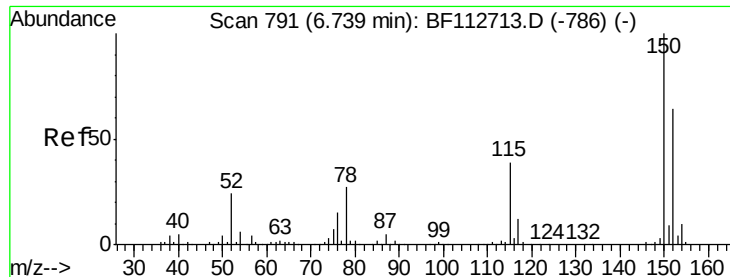
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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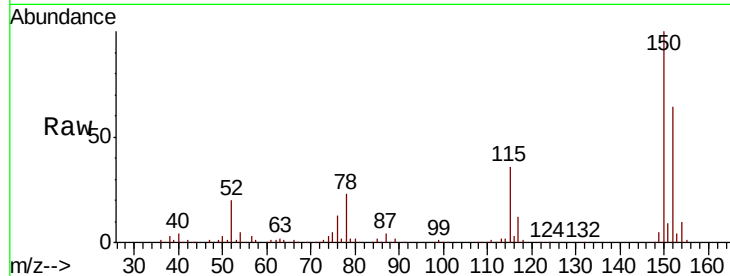


#1

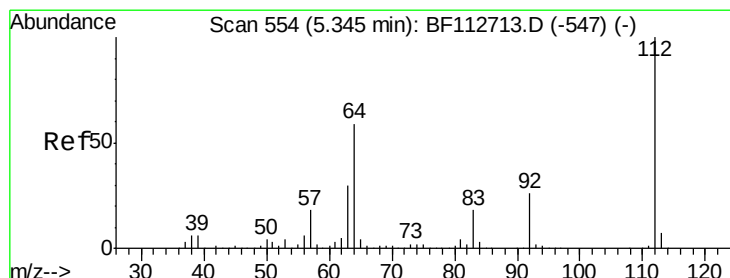
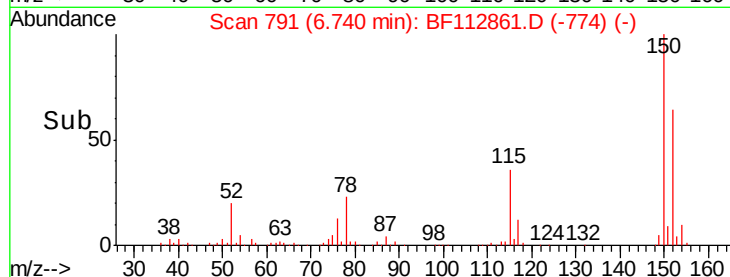
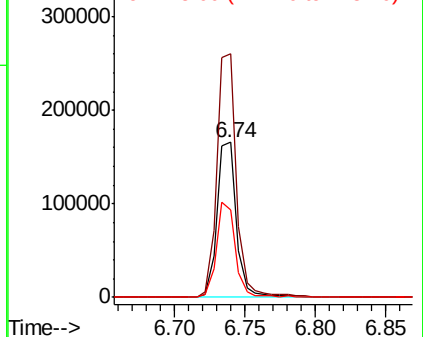
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF112861.D
Acq: 5 Mar 2019 19:22

Instrument :
BNA_F
ClientSampleId :
TP-4-B-D

Tot Ion:152 Resp: 160029
Ion Ratio Lower Upper
152 100
150 157.2 124.2 186.2
115 56.7 48.2 72.4



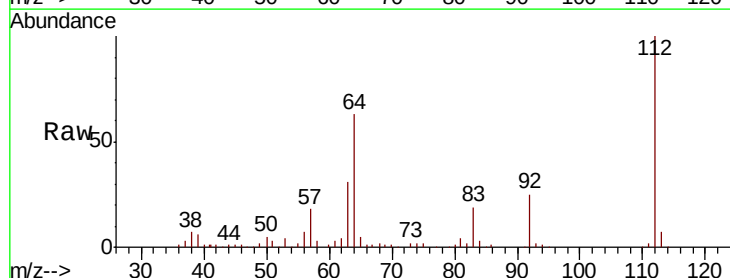
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



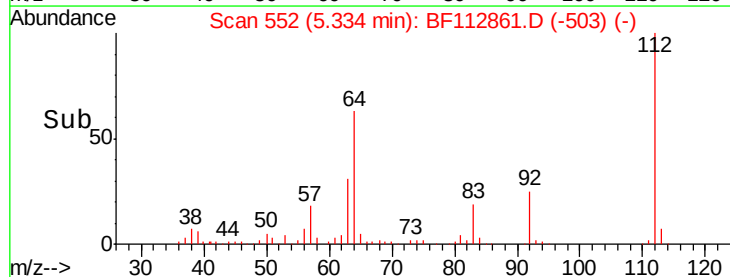
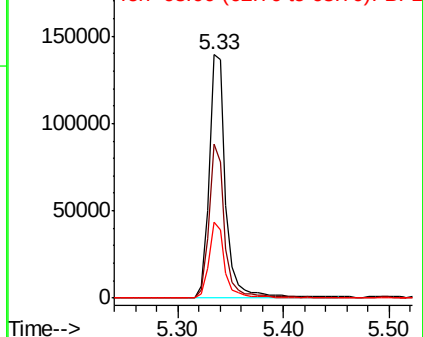
#5

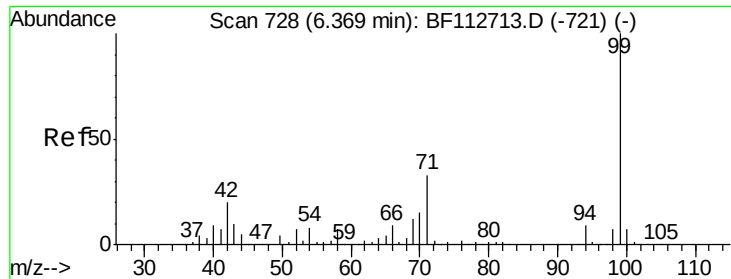
2-Fluorophenol
Concen: 15.079 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF112861.D
Acq: 5 Mar 2019 19:22

Tgt Ion:112 Resp: 155132
Ion Ratio Lower Upper
112 100
64 63.2 47.6 71.4
63 31.3 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: 17.419 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF112861.D

Acq: 5 Mar 2019 19:22

Instrument :

BNA_F

ClientSampleId :

TP-4-B-D

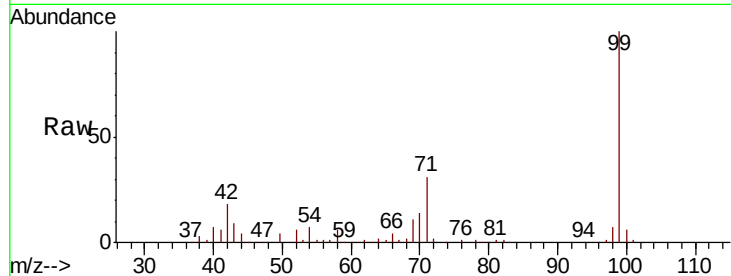
Tot Ion: 99 Resp: 225102

Ion Ratio Lower Upper

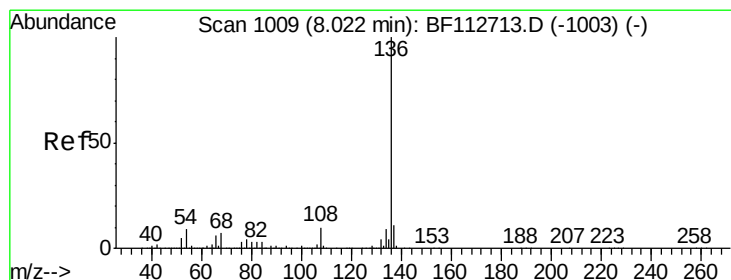
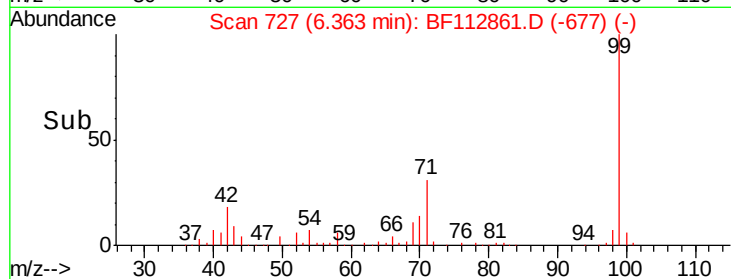
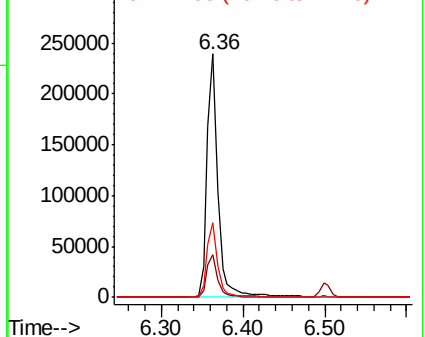
99 100

42 17.6 16.3 24.5

71 30.7 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# 1008

Delta R.T. -0.01 min

Lab File: BF112861.D

Acq: 5 Mar 2019 19:22

Tgt Ion: 136 Resp: 668072

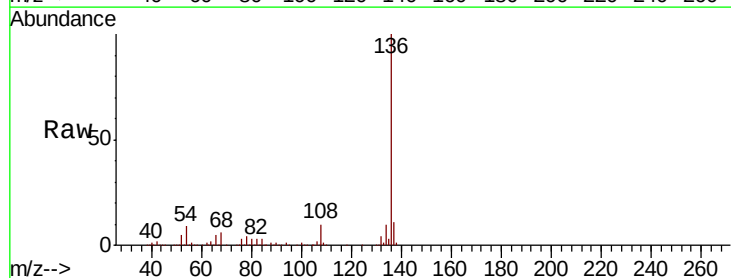
Ion Ratio Lower Upper

136 100

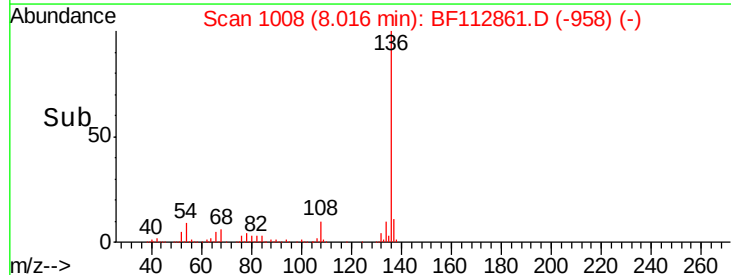
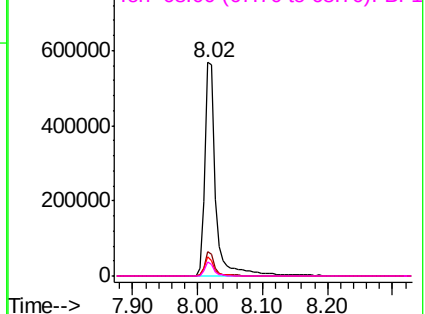
137 11.3 8.9 13.3

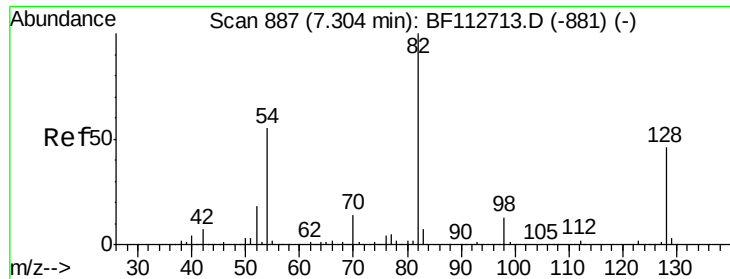
54 8.8 7.3 10.9

68 6.5 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

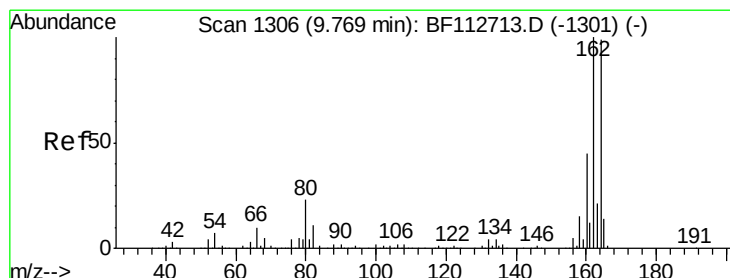
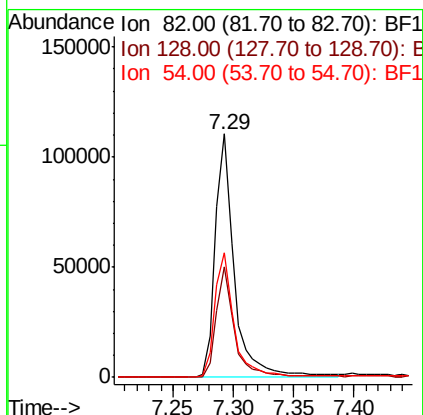
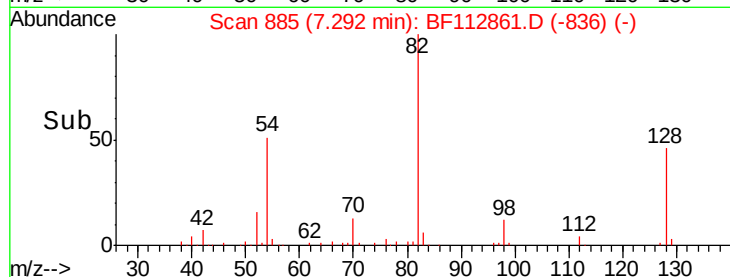
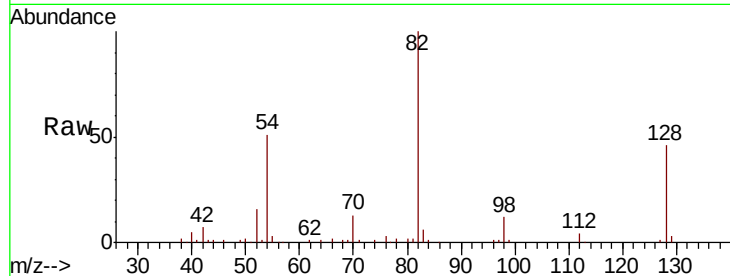




#23
 Nitrobenzene-d5
 Concen: 10.800 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF112861.D
 Acq: 5 Mar 2019 19:22

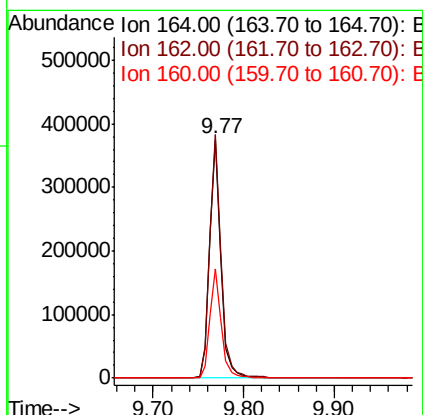
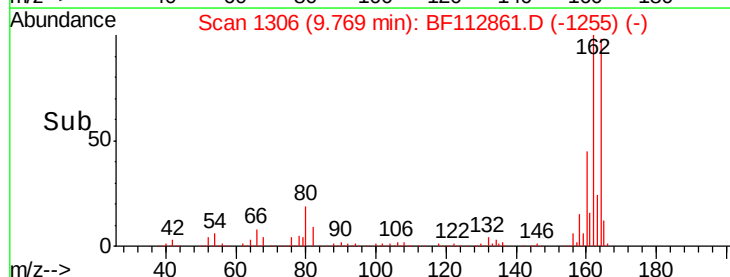
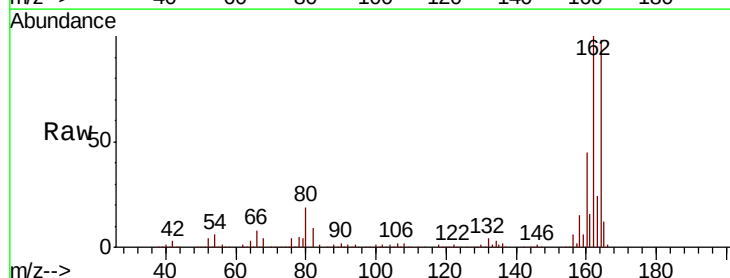
Instrument :
 BNA_F
 ClientSampled :
 TP-4-B-D

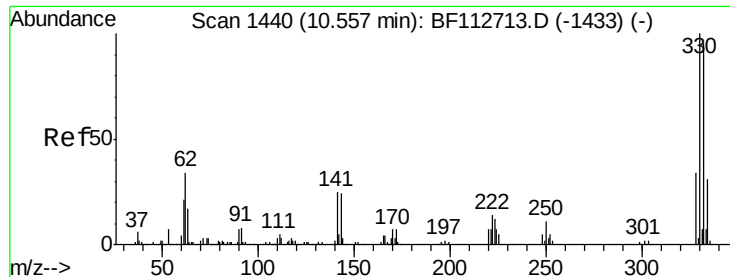
Tot Ion: 82 Resp: 120578
 Ion Ratio Lower Upper
 82 100
 128 45.6 36.3 54.5
 54 51.3 43.7 65.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: BF112861.D
 Acq: 5 Mar 2019 19:22

Tgt Ion:164 Resp: 337410
 Ion Ratio Lower Upper
 164 100
 162 102.0 80.6 120.8
 160 45.9 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 18.819 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF112861.D

Acq: 5 Mar 2019 19:22

Instrument :

BNA_F

ClientSampleId :

TP-4-B-D

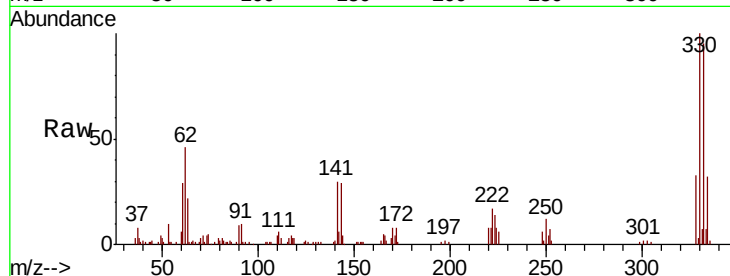
Tot Ion:330 Resp: 67409

Ion Ratio Lower Upper

330 100

332 98.8 76.2 114.4

141 30.5 27.0 40.6

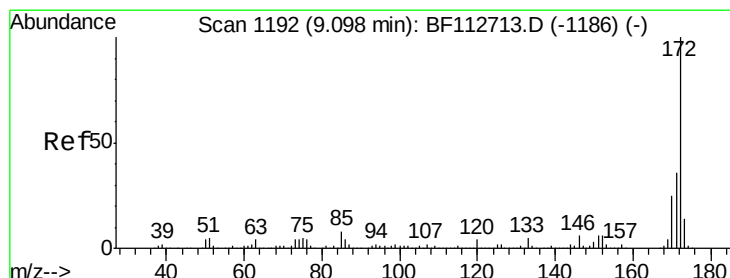
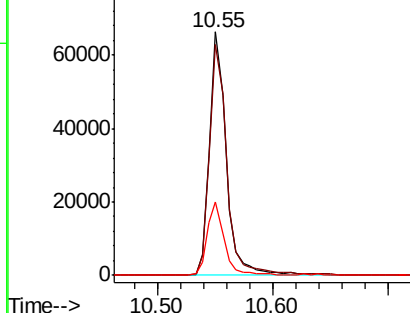
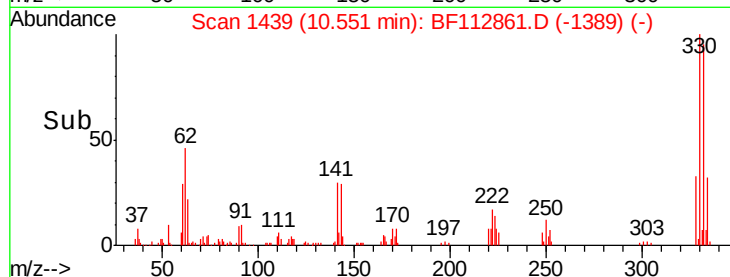


Abundance

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: 8.155 ng

RT: 9.09 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BF112861.D

Acq: 5 Mar 2019 19:22

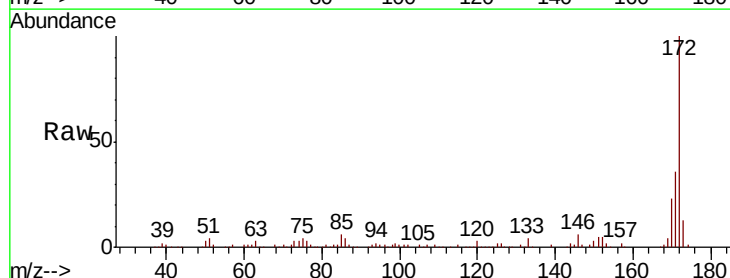
Tgt Ion:172 Resp: 237030

Ion Ratio Lower Upper

172 100

171 35.8 29.0 43.4

170 23.0 20.0 30.0

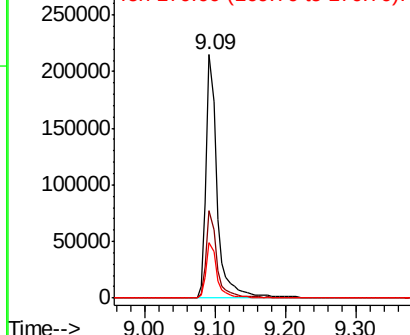
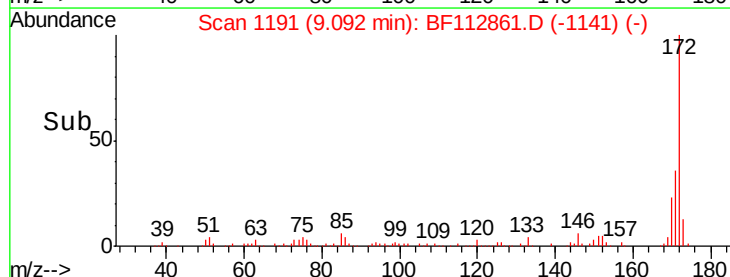


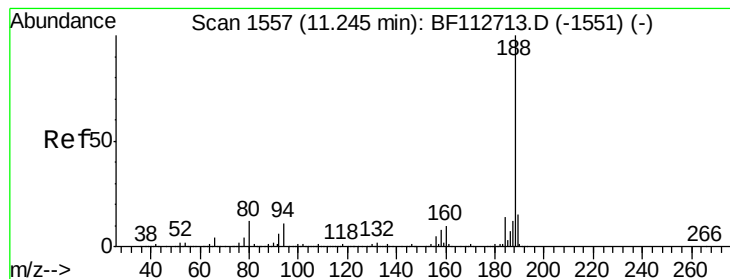
Abundance

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: BF112861.D

Acq: 5 Mar 2019 19:22

Instrument :

BNA_F

ClientSampleId :

TP-4-B-D

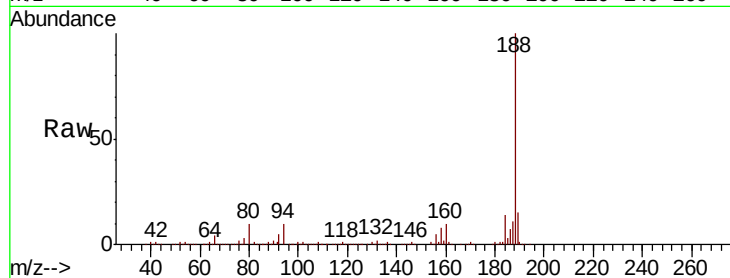
Tot Ion:188 Resp: 658034

Ion Ratio Lower Upper

188 100

94 9.9 9.0 13.4

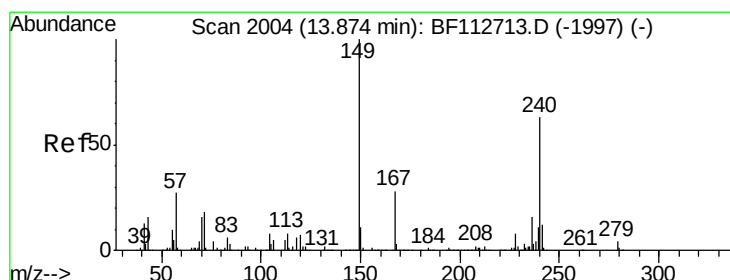
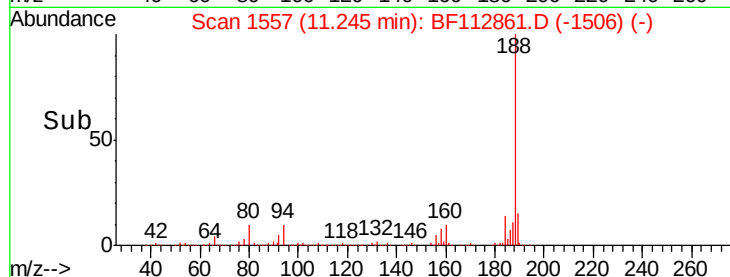
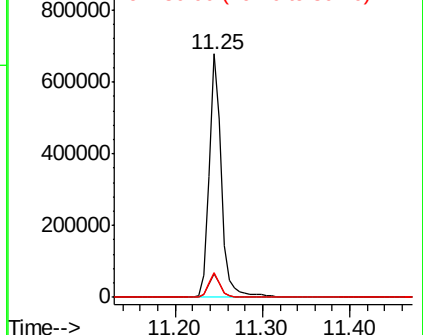
80 10.4 9.2 13.8



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: BF112861.D

Acq: 5 Mar 2019 19:22

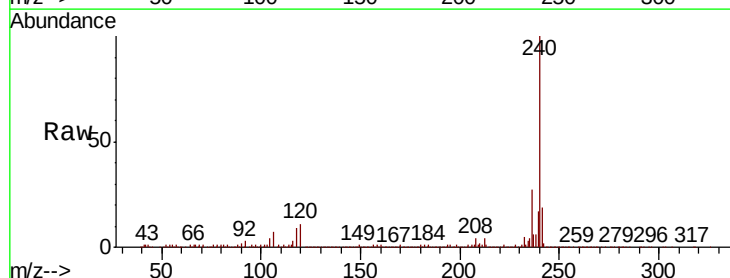
Tgt Ion:240 Resp: 465377

Ion Ratio Lower Upper

240 100

120 10.9 8.9 13.3

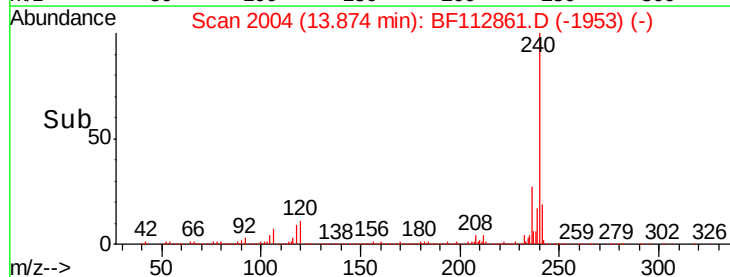
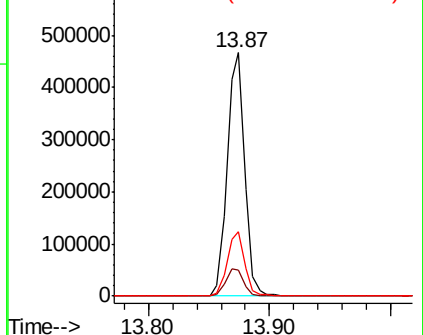
236 26.6 20.7 31.1

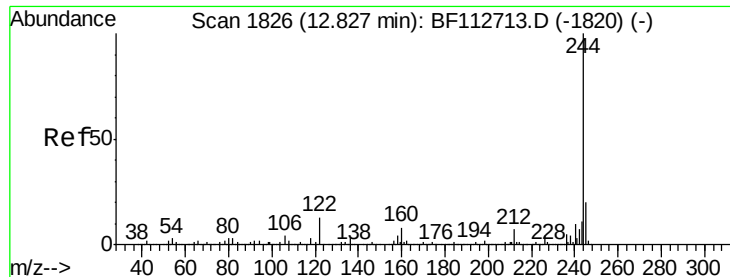


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 9.203 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF112861.D

Acq: 5 Mar 2019 19:22

Instrument :

BNA_F

ClientSampleID :

TP-4-B-D

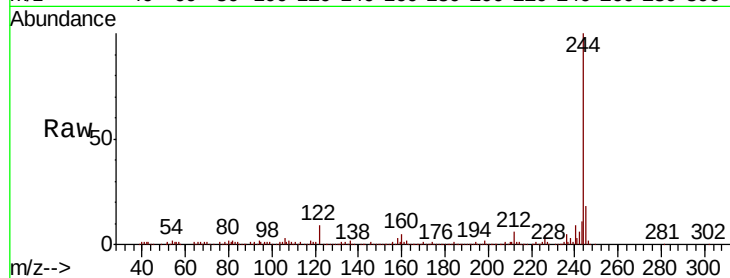
Tot Ion:244 Resp: 220948

Ion Ratio Lower Upper

244 100

212 5.9 5.6 8.4

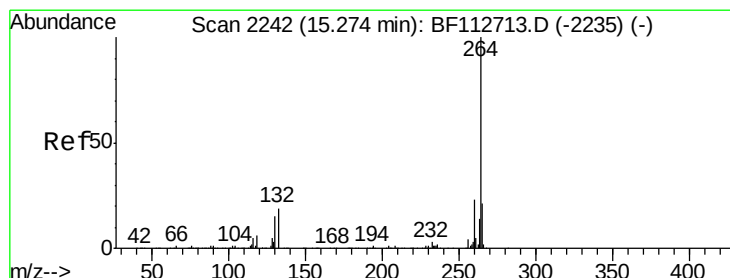
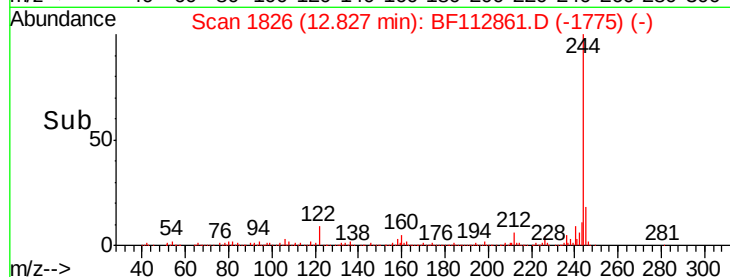
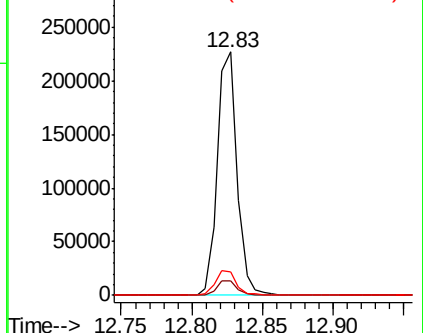
122 9.4 10.5 15.7#



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: BF112861.D

Acq: 5 Mar 2019 19:22

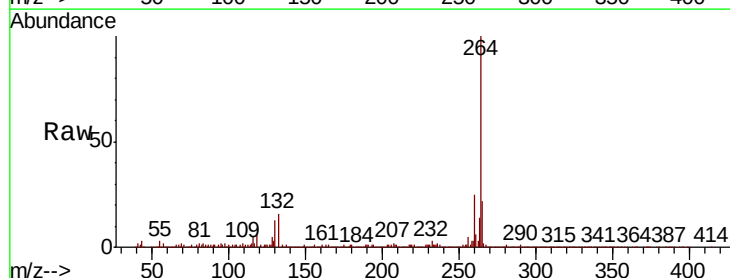
Tgt Ion:264 Resp: 469574

Ion Ratio Lower Upper

264 100

260 24.5 18.7 28.1

265 22.1 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

