

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042418\
 Data File : BF104778.D
 Acq On : 25 Apr 2018 3:44
 Operator : JU/SJ
 Sample : J2492-09
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 041918-SIDW-E-D-S

Quant Time: Apr 25 04:35:40 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 15:38:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	95988	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	379339	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	157830	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	250728	20.00	ng	0.00
75) Chrysene-d12	13.99	240	202477	20.00	ng	0.00
86) Perylene-d12	15.47	264	138225	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	252758	40.26	ng	0.00
7) Phenol-d6	6.45	99	188864	24.49	ng	0.00
23) Nitrobenzene-d5	7.37	82	582343	100.24	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	135527	82.78	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1006107	100.70	ng	0.00
78) Terphenyl-d14	12.93	244	895851	100.87	ng	0.00

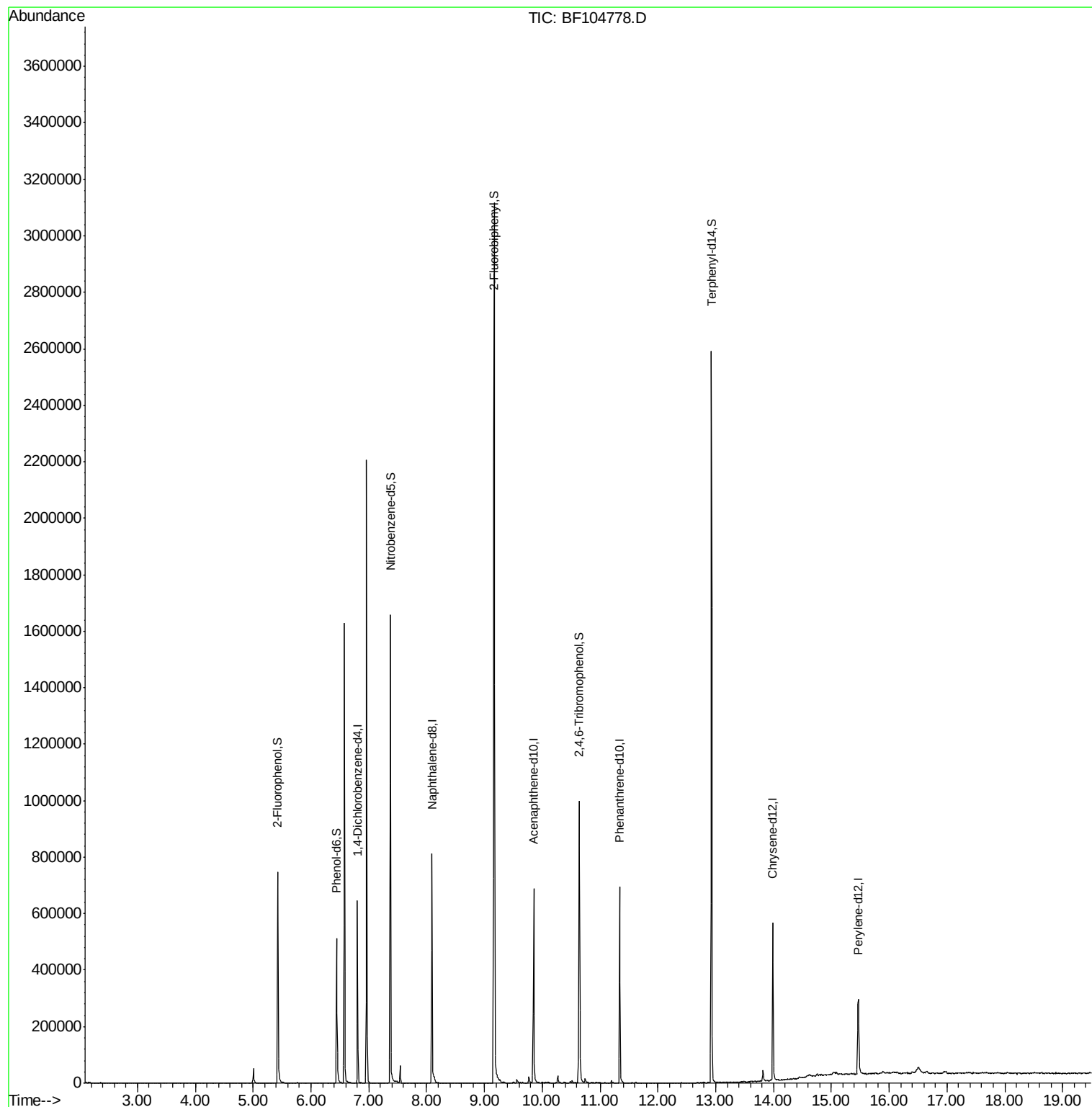
Target Compounds Qvalue

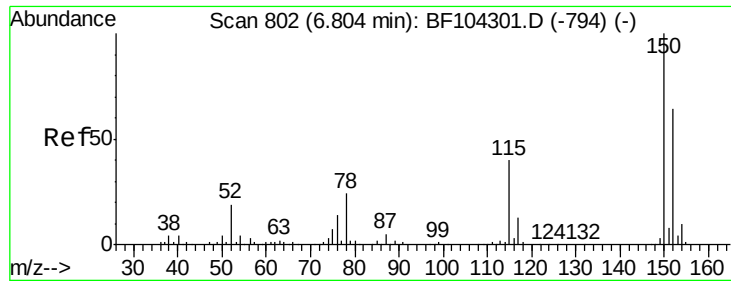
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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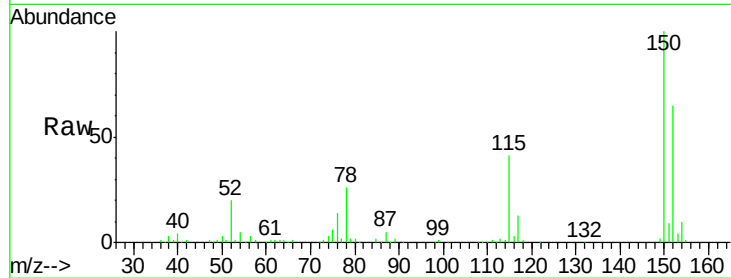


#1

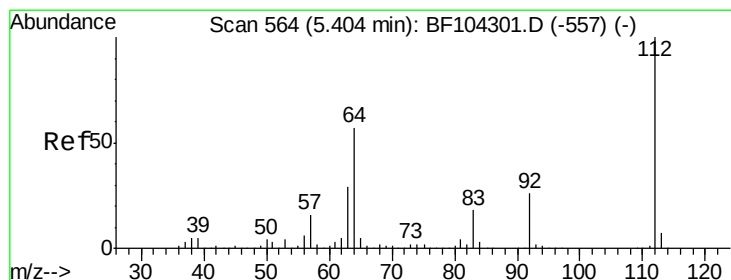
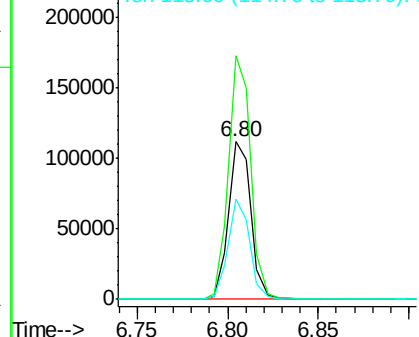
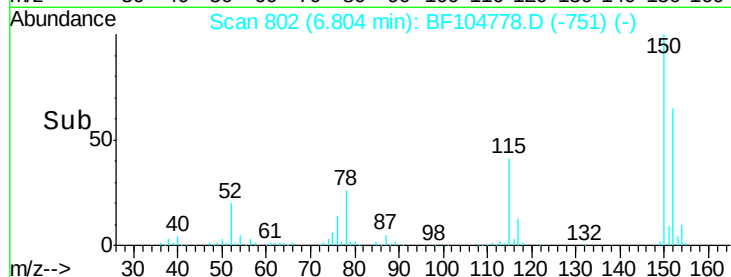
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104778.D
Acq: 25 Apr 2018 3:44

Instrument :
BNA_F
ClientSampleId :
041918-SIDW-E-D-S

Tot Ion:152 Resp: 95988
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 63.9 50.1 75.1



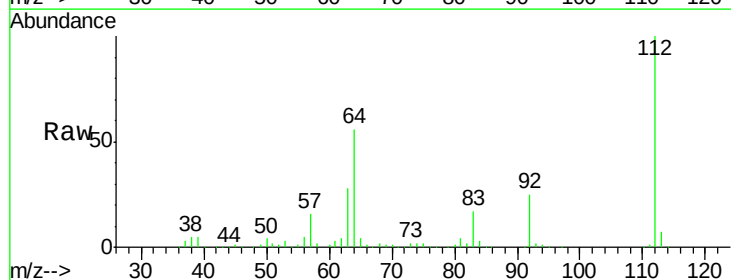
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



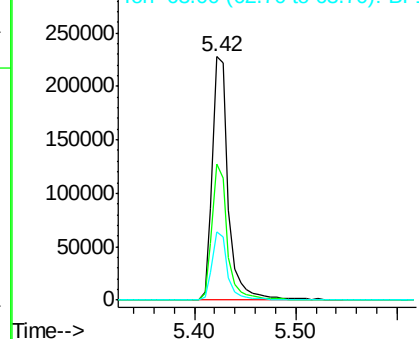
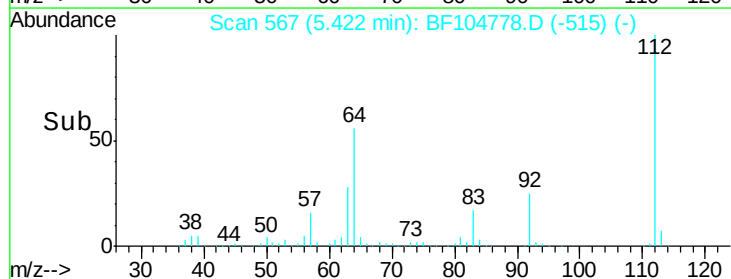
#5

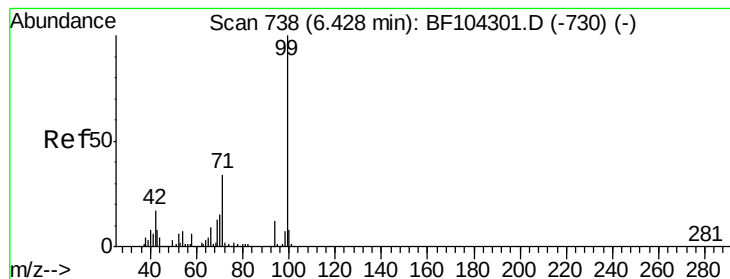
2-Fluorophenol
Concen: 40.263 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104778.D
Acq: 25 Apr 2018 3:44

Tgt Ion:112 Resp: 252758
Ion Ratio Lower Upper
112 100
64 56.0 47.9 71.9
63 28.2 23.7 35.5



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: 24.486 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF104778.D

Acq: 25 Apr 2018 3:44

Instrument :

BNA_F

ClientSampleId :

041918-SIDW-E-D-S

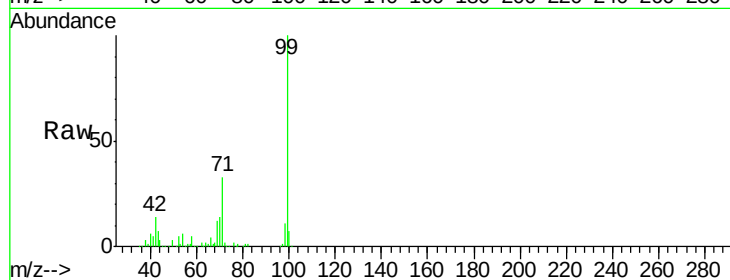
Tot Ion: 99 Resp: 188864

Ion Ratio Lower Upper

99 100

42 14.3 14.5 21.7#

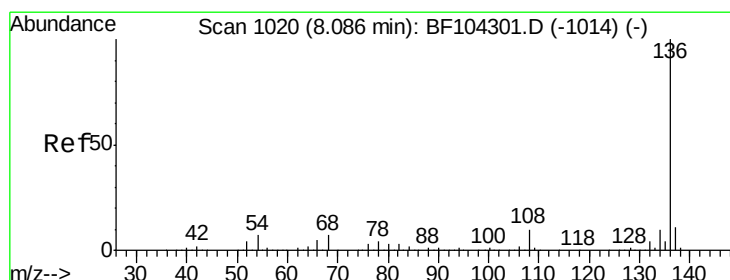
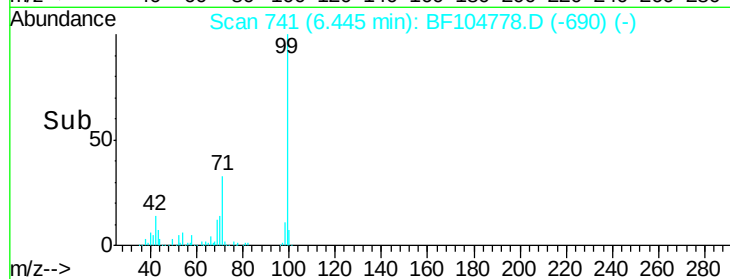
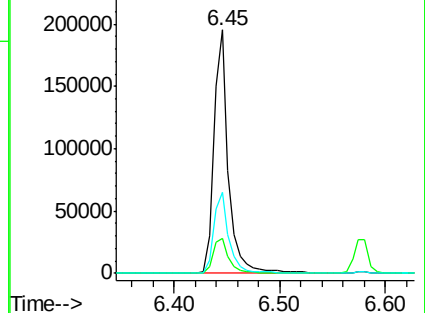
71 33.2 25.4 38.0



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: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF104778.D

Acq: 25 Apr 2018 3:44

Tgt Ion: 136 Resp: 379339

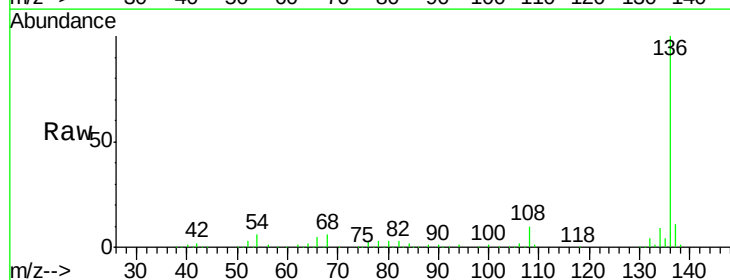
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 6.2 6.6 9.8#

68 5.5 5.0 7.4

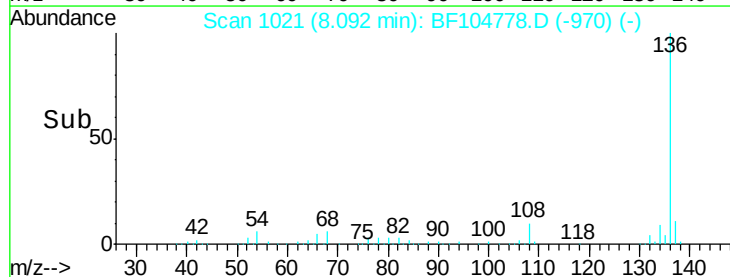
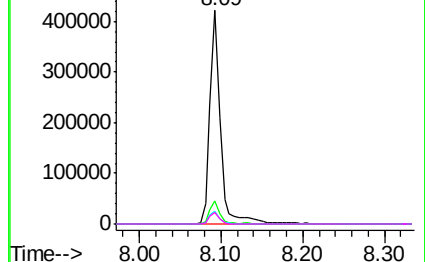


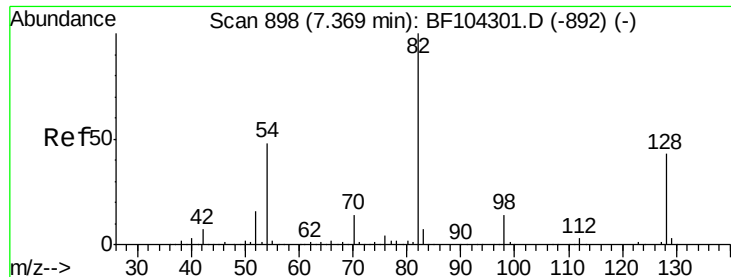
Abundance Ion 136.00 (135.70 to 136.70): E

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

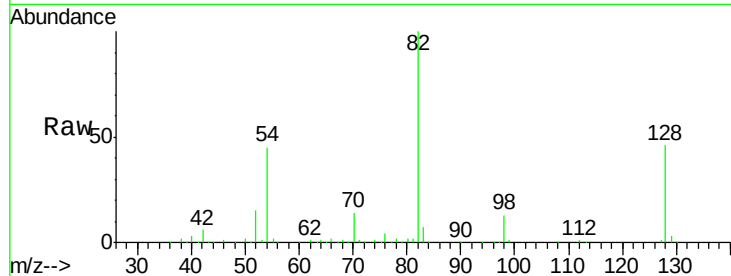




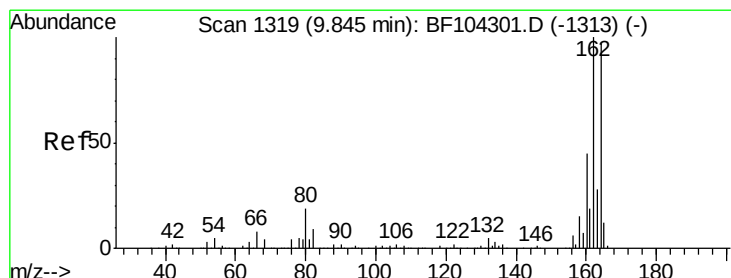
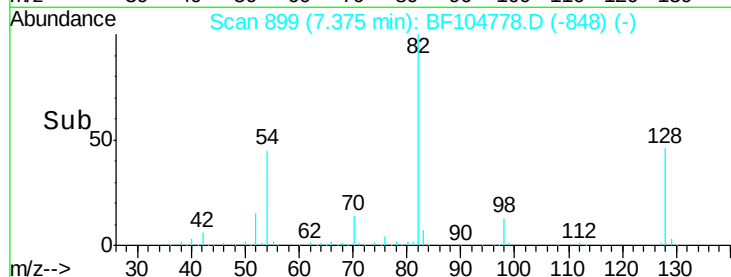
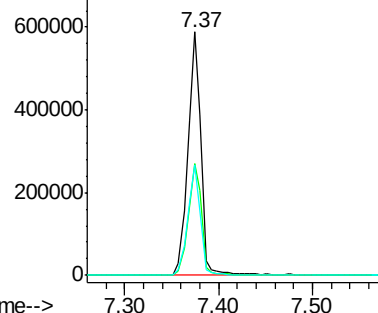
#23
 Nitrobenzene-d5
 Concen: 100.242 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: BF104778.D
 Acq: 25 Apr 2018 3:44

Instrument :
 BNA_F
 ClientSampleId :
 041918-SIDW-E-D-S

Tot Ion: 82 Resp: 582343
 Ion Ratio Lower Upper
 82 100
 128 46.1 36.1 54.1
 54 45.4 41.4 62.2

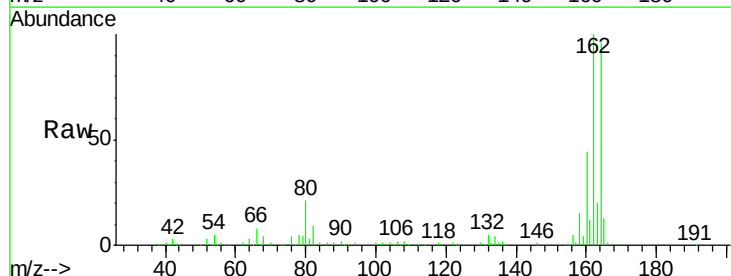


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

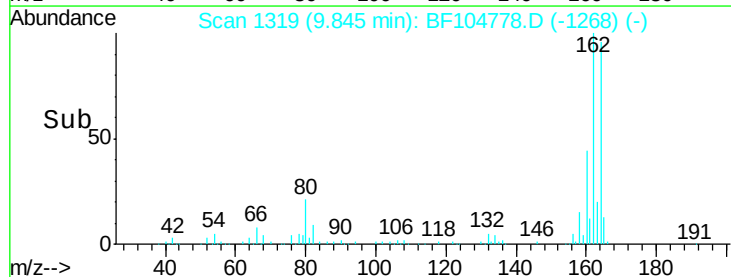
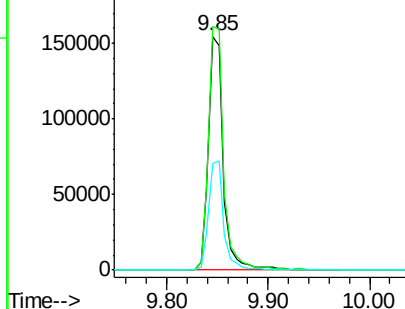


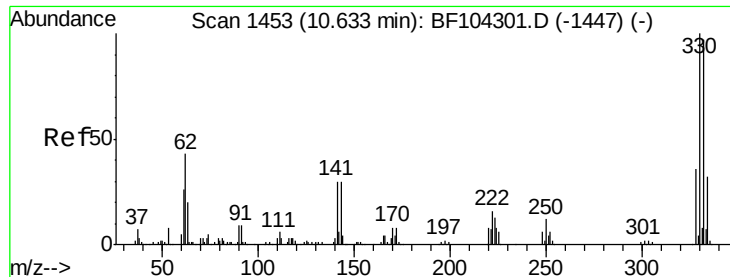
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF104778.D
 Acq: 25 Apr 2018 3:44

Tgt Ion:164 Resp: 157830
 Ion Ratio Lower Upper
 164 100
 162 104.1 86.1 129.1
 160 45.4 38.3 57.5



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





#41

2,4,6-Tribromophenol

Concen: 82.779 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.01 min

Lab File: BF104778.D

Acq: 25 Apr 2018 3:44

Instrument :

BNA_F

ClientSampleId :

041918-SIDW-E-D-S

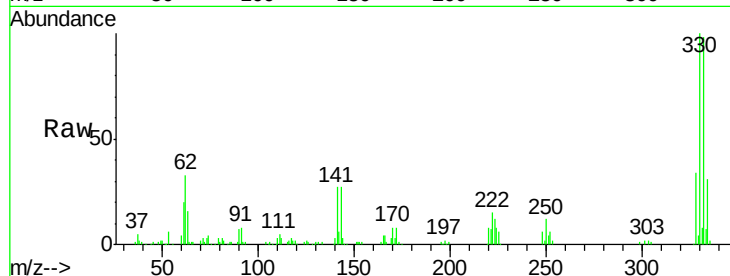
Tot Ion:330 Resp: 135527

Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.6

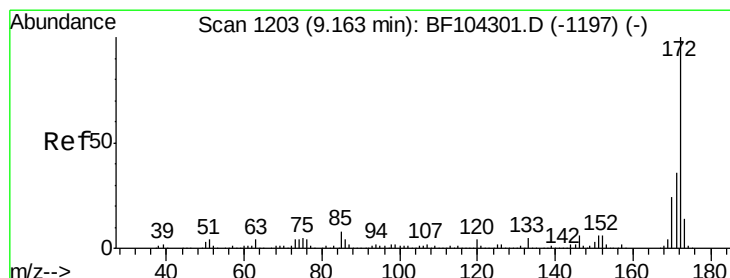
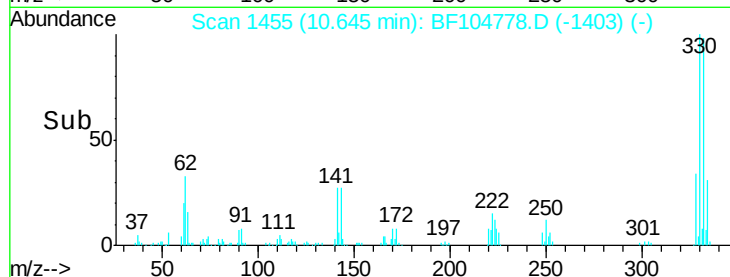
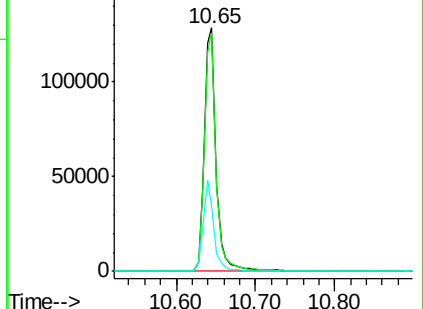
141 33.8 29.9 44.9



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



#44

2-Fluorobiphenyl

Concen: 100.703 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.00 min

Lab File: BF104778.D

Acq: 25 Apr 2018 3:44

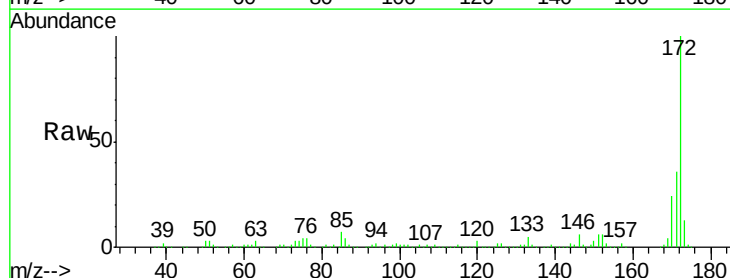
Tgt Ion:172 Resp: 1006107

Ion Ratio Lower Upper

172 100

171 36.4 29.7 44.5

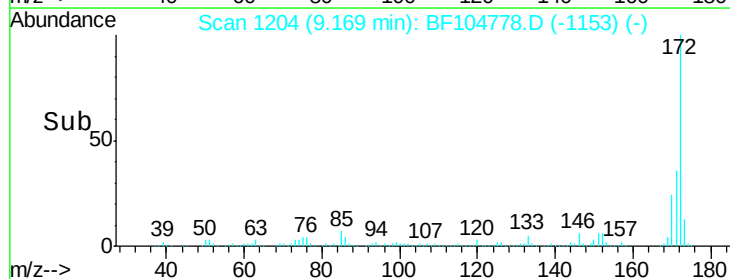
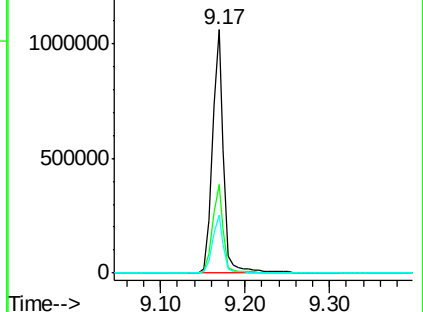
170 23.9 19.6 29.4

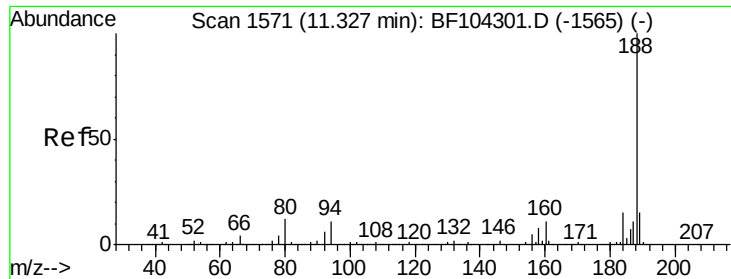


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

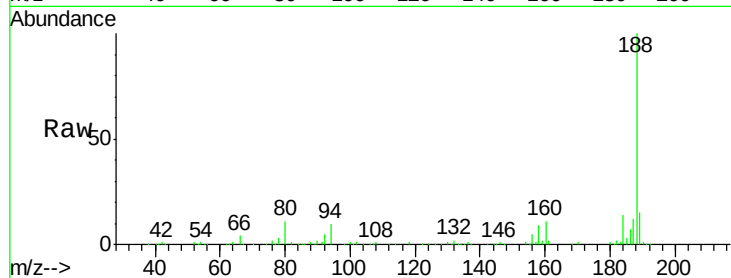




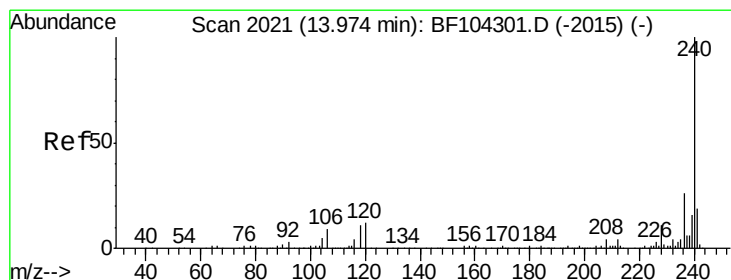
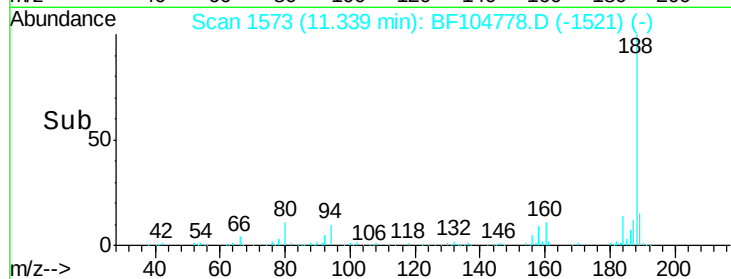
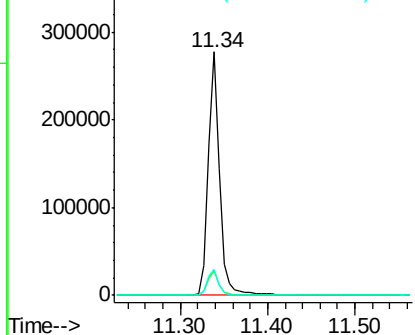
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF104778.D
Acq: 25 Apr 2018 3:44

Instrument :
BNA_F
ClientSampleId :
041918-SIDW-E-D-S

Tot Ion:188 Resp: 250728
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 10.7 9.2 13.8

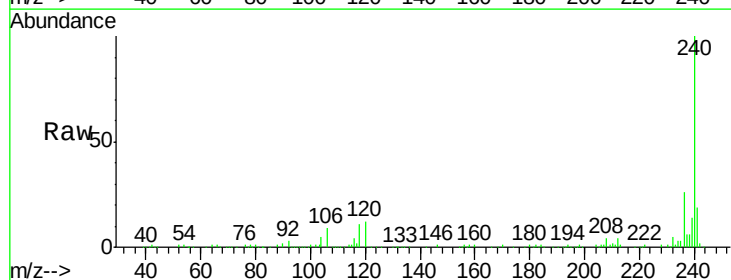


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

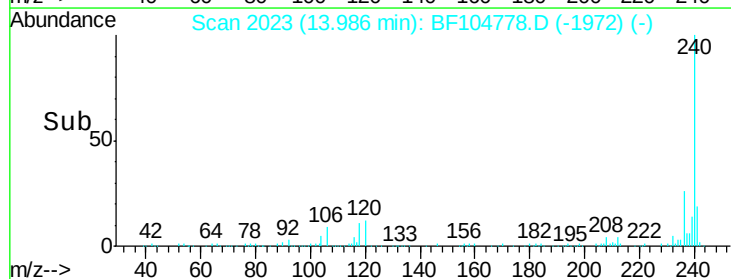
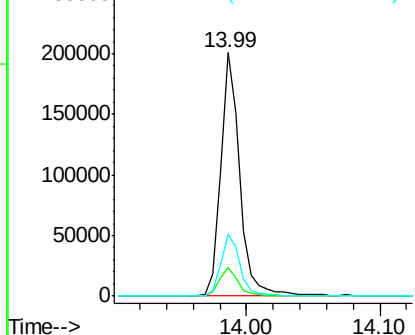


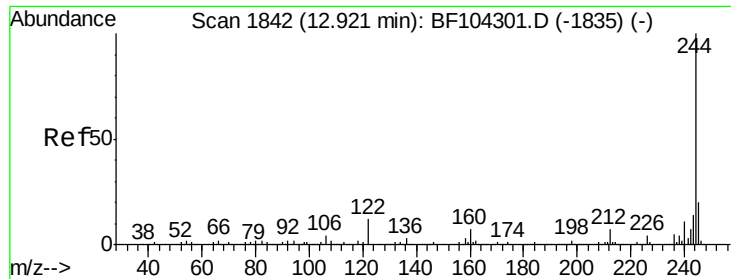
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BF104778.D
Acq: 25 Apr 2018 3:44

Tgt Ion:240 Resp: 202477
Ion Ratio Lower Upper
240 100
120 12.0 9.5 14.3
236 25.6 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





#78

Terphenyl-d14

Concen: 100.870 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF104778.D

Acq: 25 Apr 2018 3:44

Instrument :

BNA_F

ClientSampleId :

041918-SIDW-E-D-S

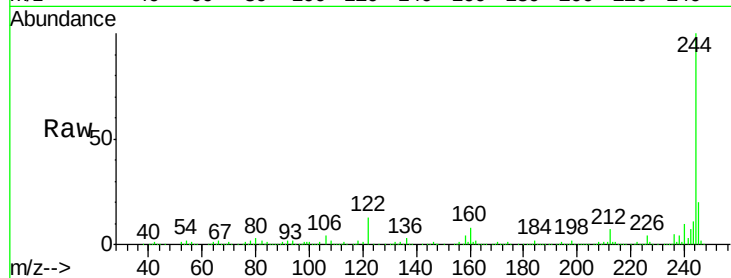
Tot Ion:244 Resp: 895851

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

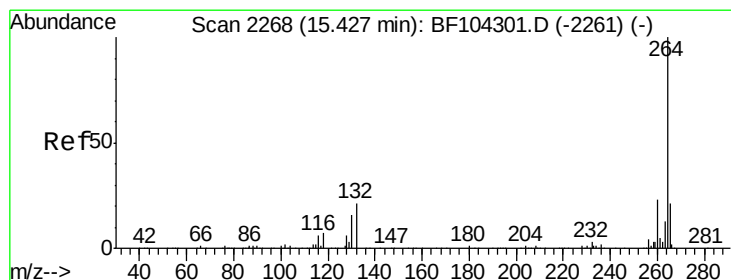
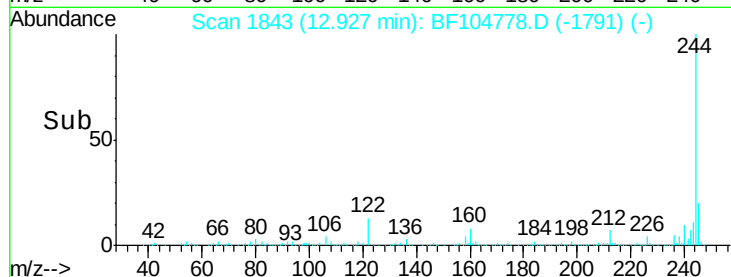
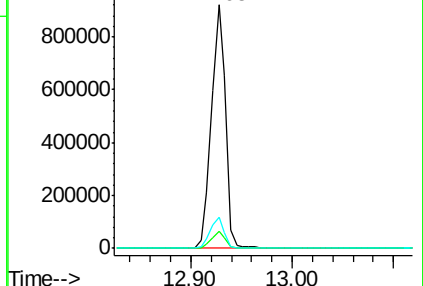
122 12.8 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. 0.02 min

Lab File: BF104778.D

Acq: 25 Apr 2018 3:44

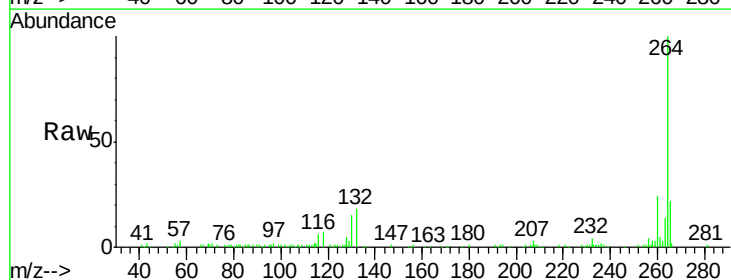
Tgt Ion:264 Resp: 138225

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.9 17.5 26.3



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

