

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
 Data File : BF094723.D
 Acq On : 30 Apr 2017 19:09
 Operator : SJ/MA
 Sample : I2895-18
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMP(4.0-6.0)

Quant Time: May 01 03:46:35 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	108376	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	431486	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	205554	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	390140	20.00	ng	0.00
75) Chrysene-d12	14.47	240	308502	20.00	ng	0.00
86) Perylene-d12	16.09	264	214940	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	797096	122.02	ng	0.03
7) Phenol-d6	5.40	99	908526	117.97	ng	0.00
23) Nitrobenzene-d5	6.42	82	624331	89.35	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	245613	152.76	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1216156	87.05	ng	0.00
78) Terphenyl-d14	13.20	244	1201631	104.11	ng	0.00

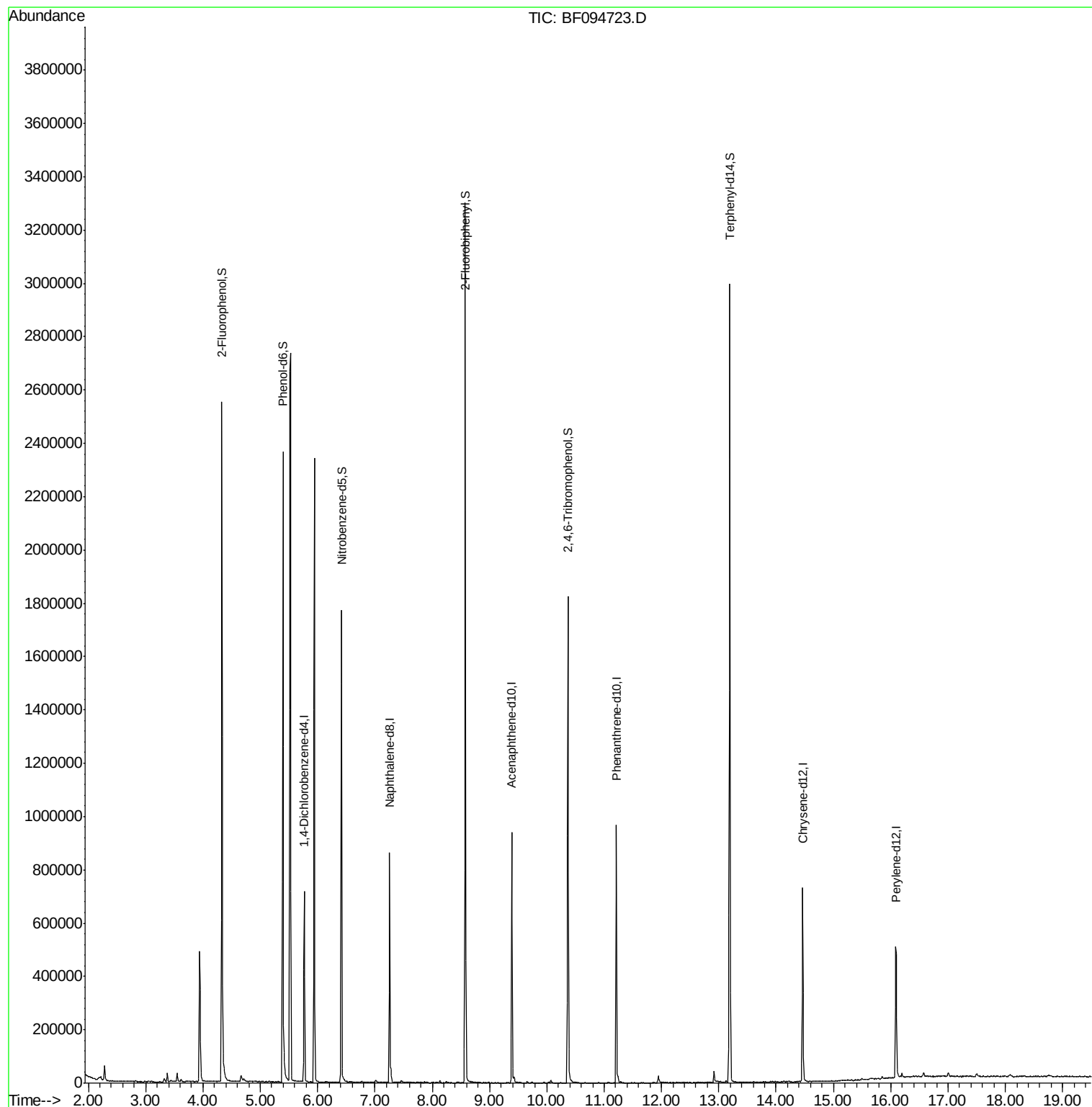
Target Compounds Qvalue

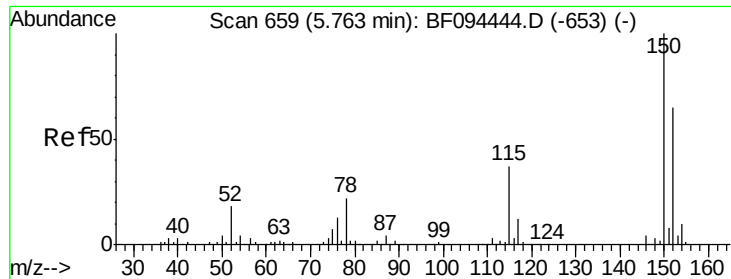
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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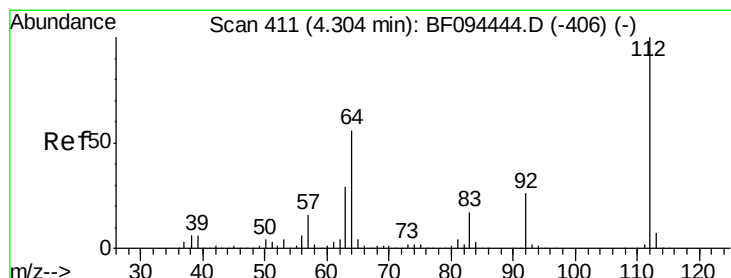
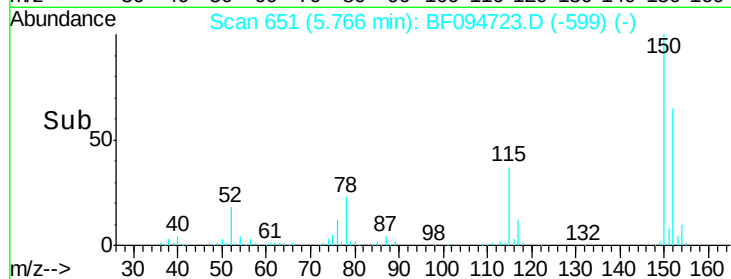
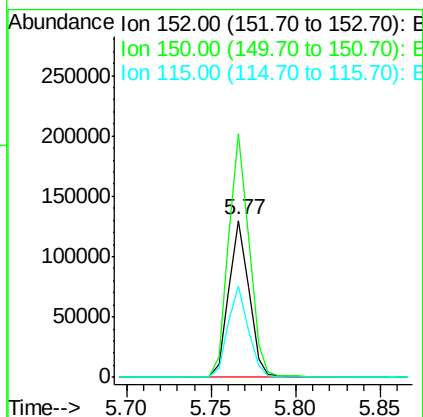
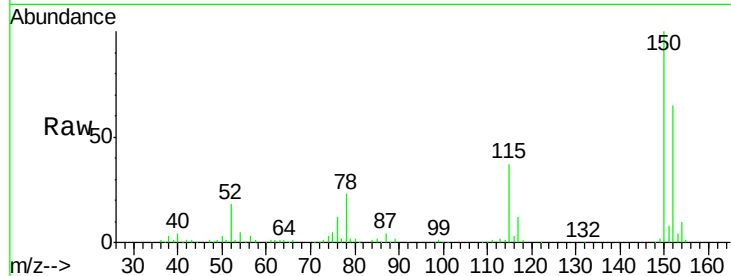


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094723.D
Acq: 30 Apr 2017 19:09

Instrument :
BNA_F
ClientSampleId :
SB-05-COMP(4.0-6.0)

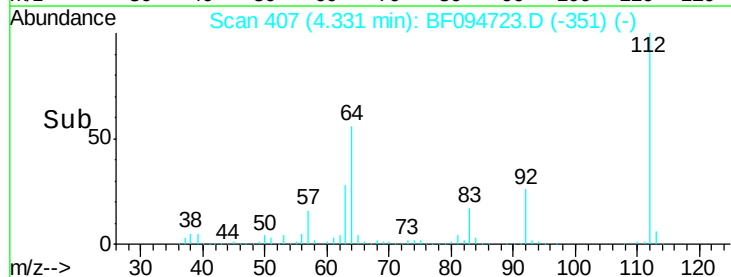
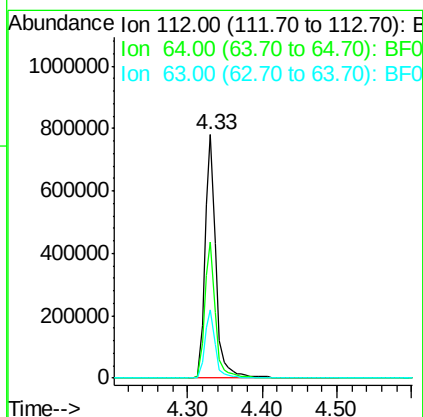
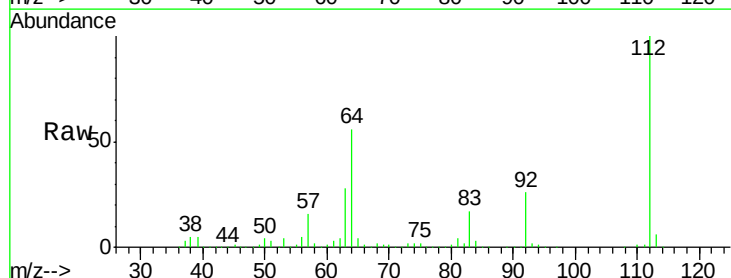
Tot Ion:152 Resp: 108376
Ion Ratio Lower Upper
152 100
150 154.9 126.2 189.2
115 57.7 52.2 78.2

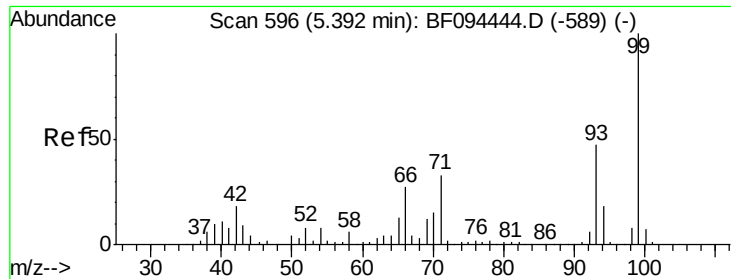


#5

2-Fluorophenol
Concen: 122.02 ng
RT: 4.33 min Scan# 407
Delta R.T. 0.03 min
Lab File: BF094723.D
Acq: 30 Apr 2017 19:09

Tgt Ion:112 Resp: 797096
Ion Ratio Lower Upper
112 100
64 55.8 46.0 69.0
63 27.9 23.4 35.0





#7

Phenol-d6

Concen: 117.97 ng

RT: 5.40 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF094723.D

Acq: 30 Apr 2017 19:09

Instrument :

BNA_F

ClientSampleId :

SB-05-COMP(4.0-6.0)

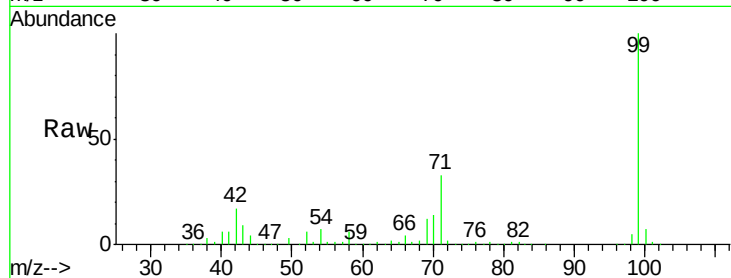
Tot Ion: 99 Resp: 908526

Ion Ratio Lower Upper

99 100

42 17.3 13.5 20.3

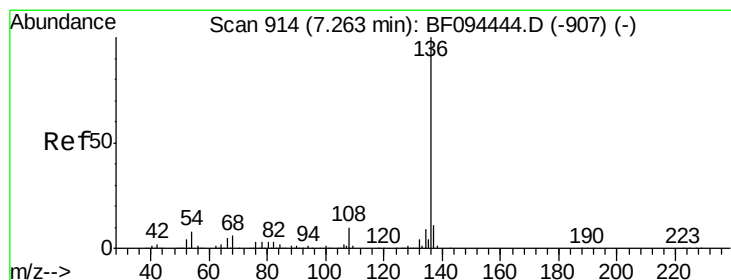
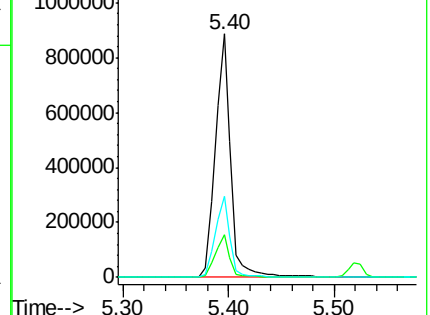
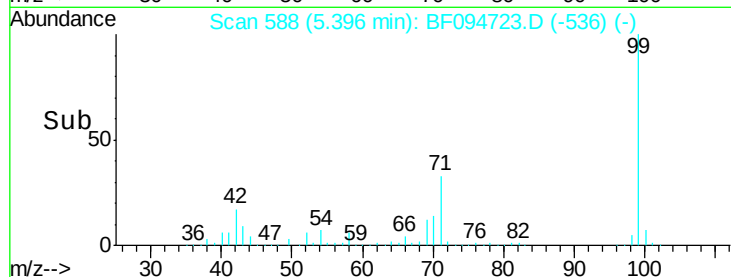
71 33.5 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.25 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF094723.D

Acq: 30 Apr 2017 19:09

Tgt Ion: 136 Resp: 431486

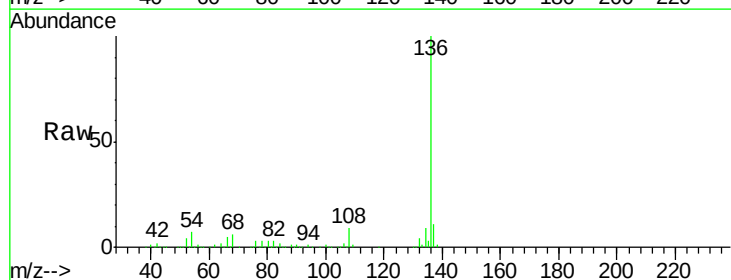
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.0 4.9 7.3

68 5.6 4.1 6.1

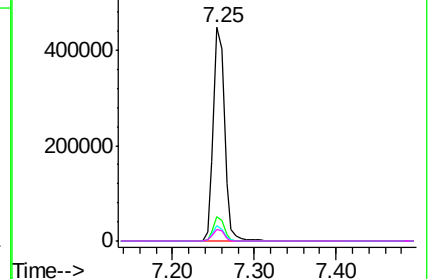
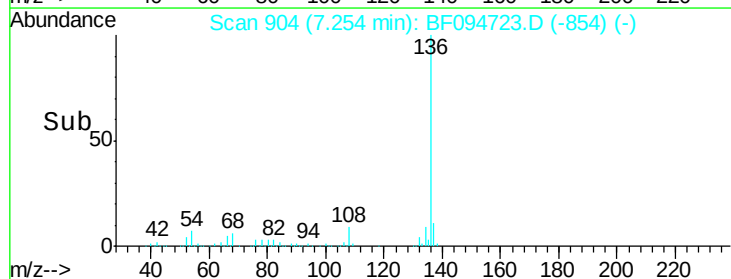


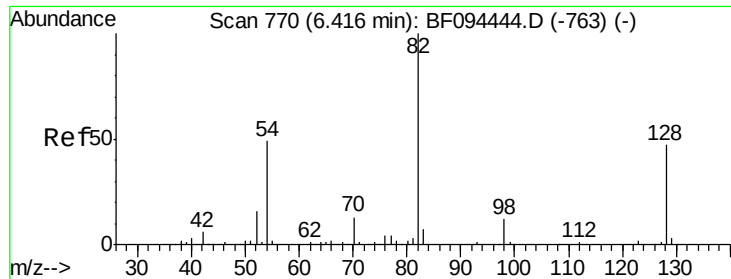
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

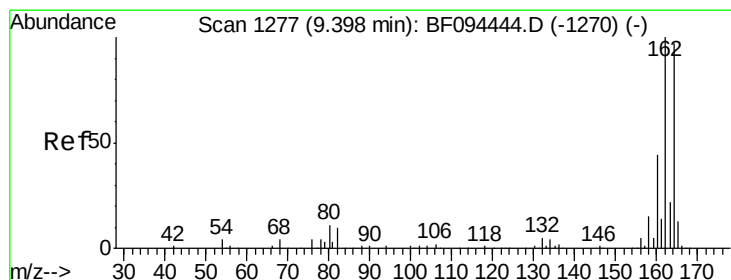
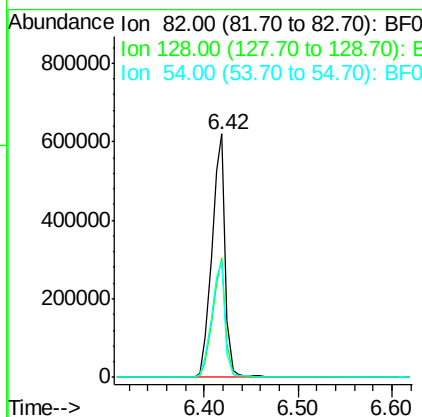
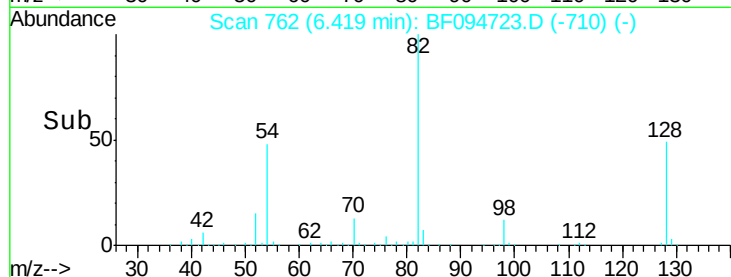
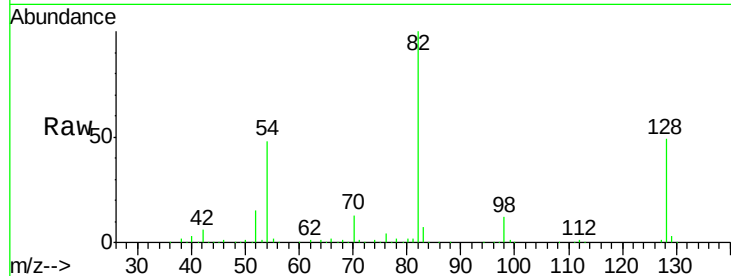




#23
 Nitrobenzene-d5
 Concen: 89.35 ng
 RT: 6.42 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF094723.D
 Acq: 30 Apr 2017 19:09

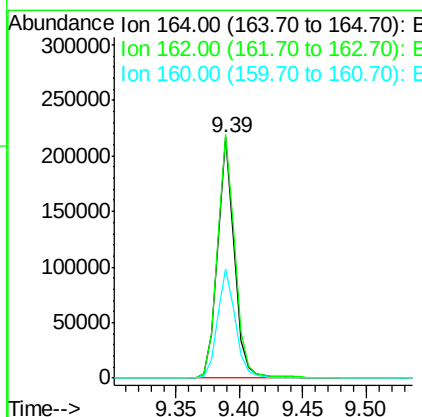
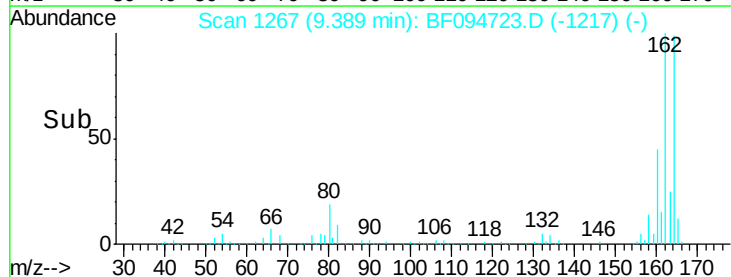
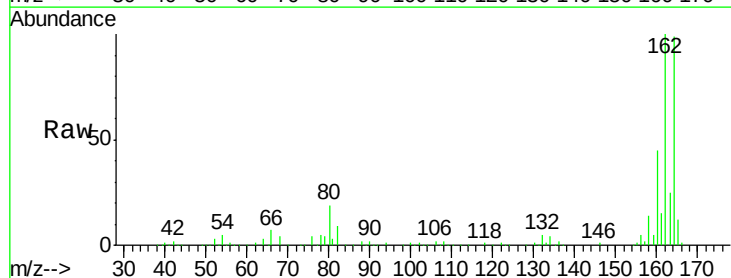
Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMP(4.0-6.0)

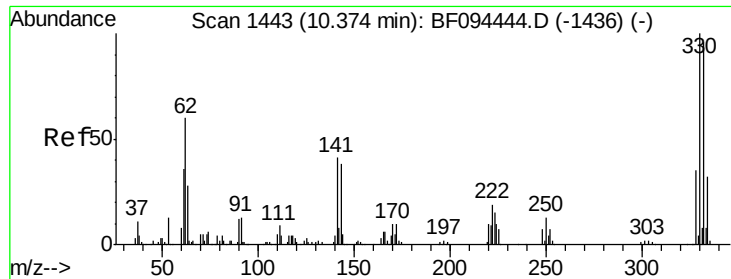
Tot Ion: 82 Resp: 624331
 Ion Ratio Lower Upper
 82 100
 128 49.0 34.0 51.0
 54 47.7 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF094723.D
 Acq: 30 Apr 2017 19:09

Tgt Ion: 164 Resp: 205554
 Ion Ratio Lower Upper
 164 100
 162 101.2 82.6 123.8
 160 45.4 36.2 54.2





#41

2,4,6-Tribromophenol

Concen: 152.76 ng

RT: 10.37 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BF094723.D

Acq: 30 Apr 2017 19:09

Instrument :

BNA_F

ClientSampleId :

SB-05-COMP(4.0-6.0)

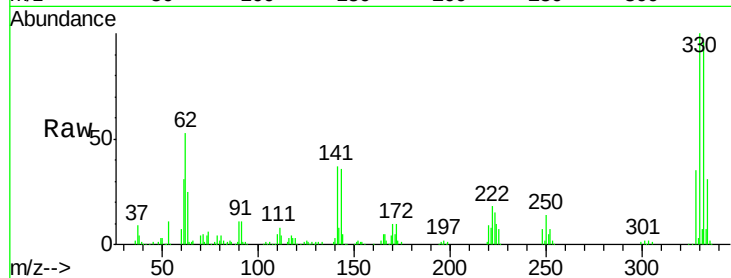
Tot Ion:330 Resp: 245613

Ion Ratio Lower Upper

330 100

332 97.0 76.6 115.0

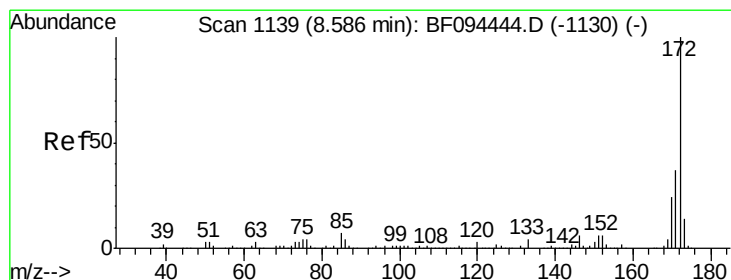
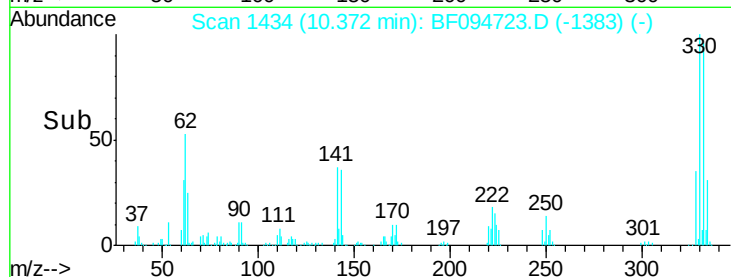
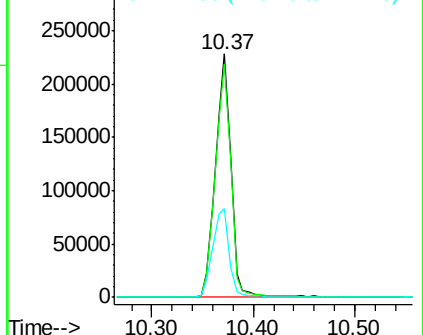
141 38.5 31.4 47.2



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: 87.05 ng

RT: 8.58 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BF094723.D

Acq: 30 Apr 2017 19:09

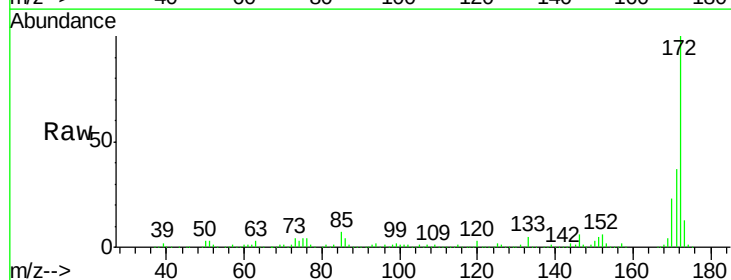
Tgt Ion:172 Resp: 1216156

Ion Ratio Lower Upper

172 100

171 36.6 29.6 44.4

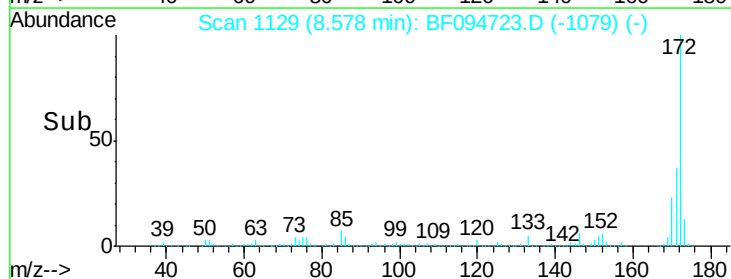
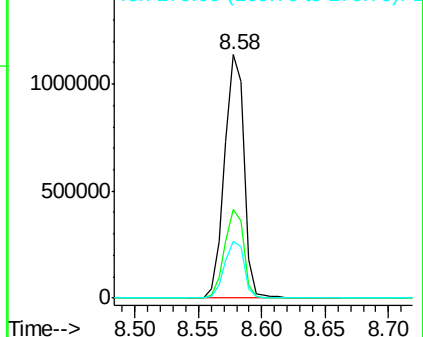
170 23.3 19.8 29.8

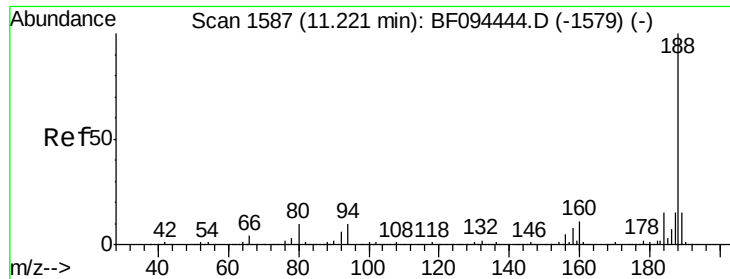


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

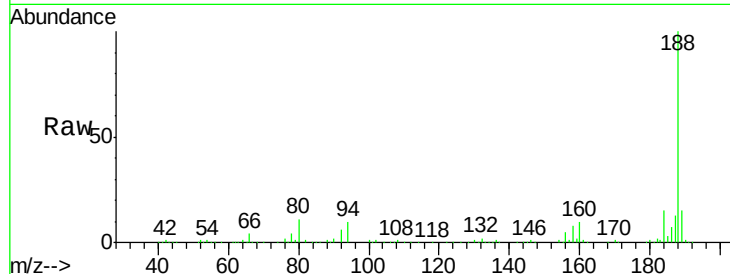




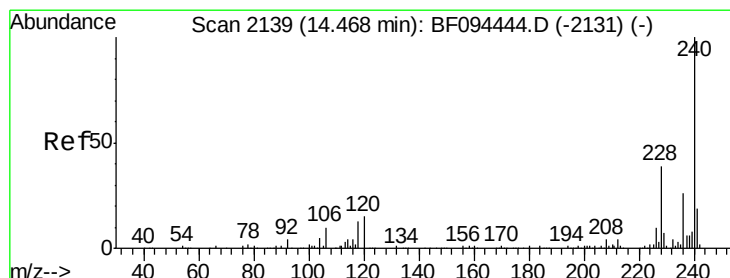
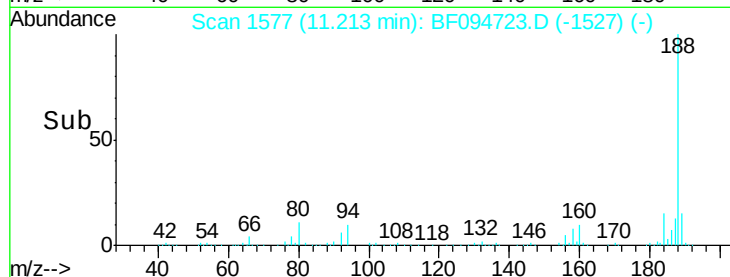
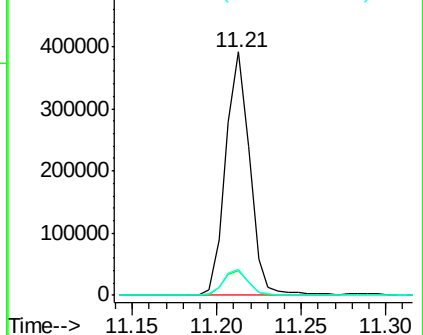
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF094723.D
Acq: 30 Apr 2017 19:09

Instrument :
BNA_F
ClientSampleId :
SB-05-COMP(4.0-6.0)

Tot Ion:188 Resp: 390140
Ion Ratio Lower Upper
188 100
94 10.3 9.4 14.2
80 10.9 10.2 15.2

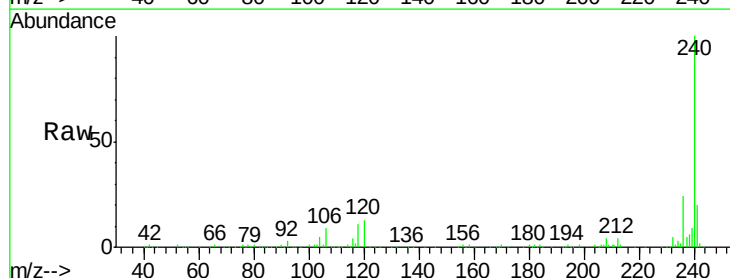


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

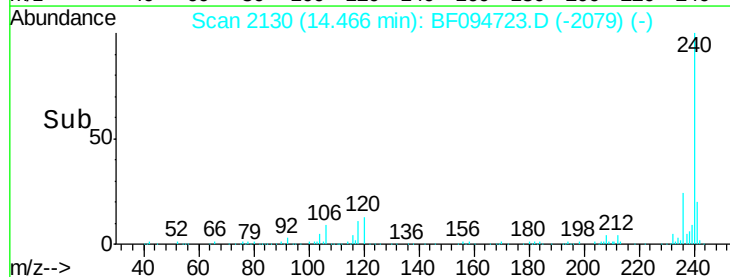
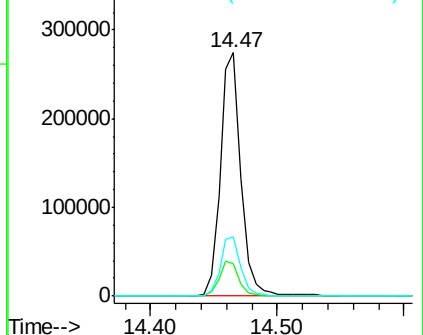


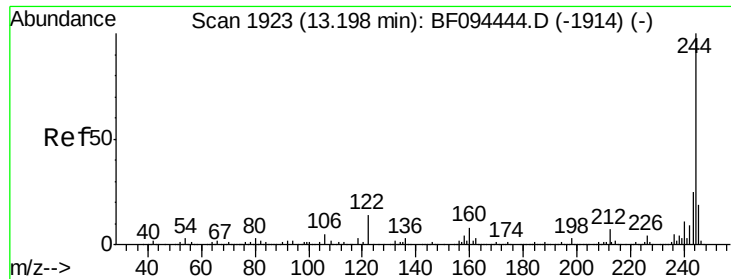
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.47 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BF094723.D
Acq: 30 Apr 2017 19:09

Tgt Ion:240 Resp: 308502
Ion Ratio Lower Upper
240 100
120 13.1 5.8 8.8#
236 24.5 20.5 30.7



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

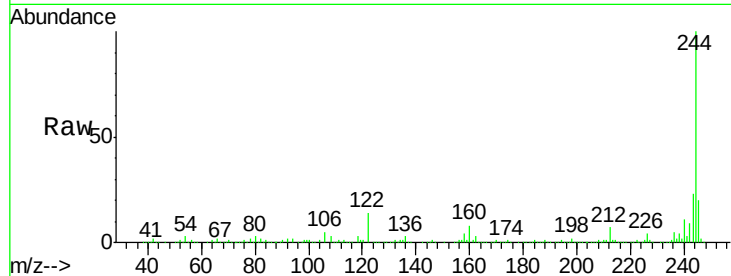




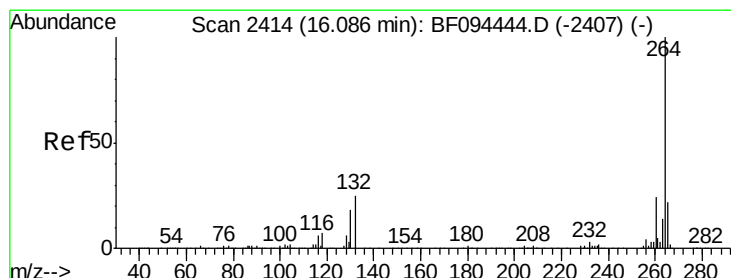
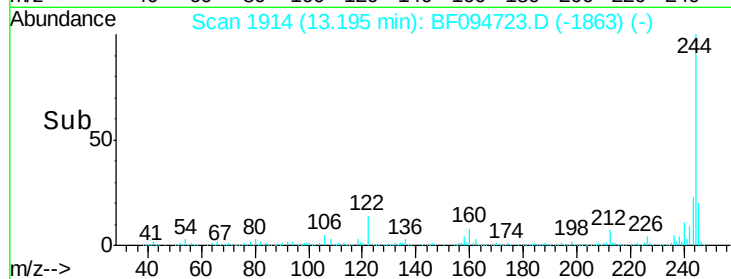
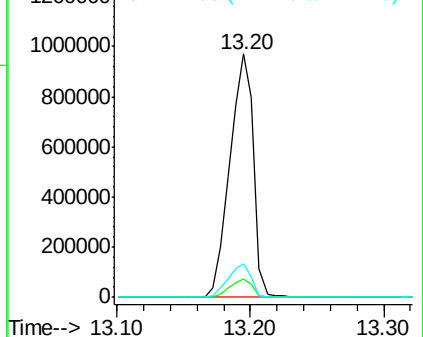
#78
 Terphenyl-d14
 Concen: 104.11 ng
 RT: 13.20 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: BF094723.D
 Acq: 30 Apr 2017 19:09

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMP(4.0-6.0)

Tot Ion:244 Resp: 1201631
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 13.8 10.3 15.5

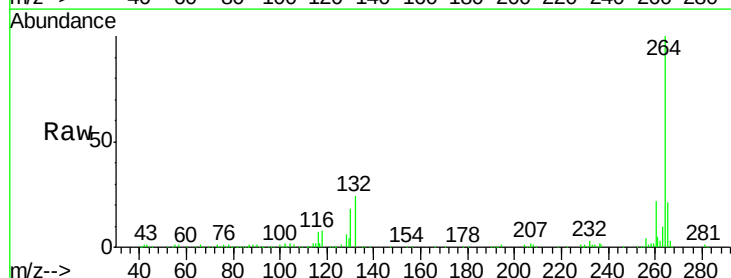


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2406
 Delta R.T. 0.00 min
 Lab File: BF094723.D
 Acq: 30 Apr 2017 19:09

Tgt Ion:264 Resp: 214940
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.5 29.3
 265 20.8 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

