

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
 Data File : BF086254.D
 Acq On : 16 Apr 2016 9:47
 Operator : UM/SJ
 Sample : H2537-07
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B7GW

Quant Time: Apr 18 04:54:56 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 15 15:56:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	278977	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1154790	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	489243	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	879024	20.00	ng	0.00
75) Chrysene-d12	14.04	240	527631	20.00	ng	-0.01
86) Perylene-d12	15.48	264	449392	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1322586	77.68	ng	0.01
7) Phenol-d6	6.51	99	956792	44.93	ng	-0.01
23) Nitrobenzene-d5	7.46	82	1763157	88.06	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	491326	125.06	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	2561510	96.61	ng	-0.01
78) Terphenyl-d14	13.00	244	1726506	82.28	ng	0.00

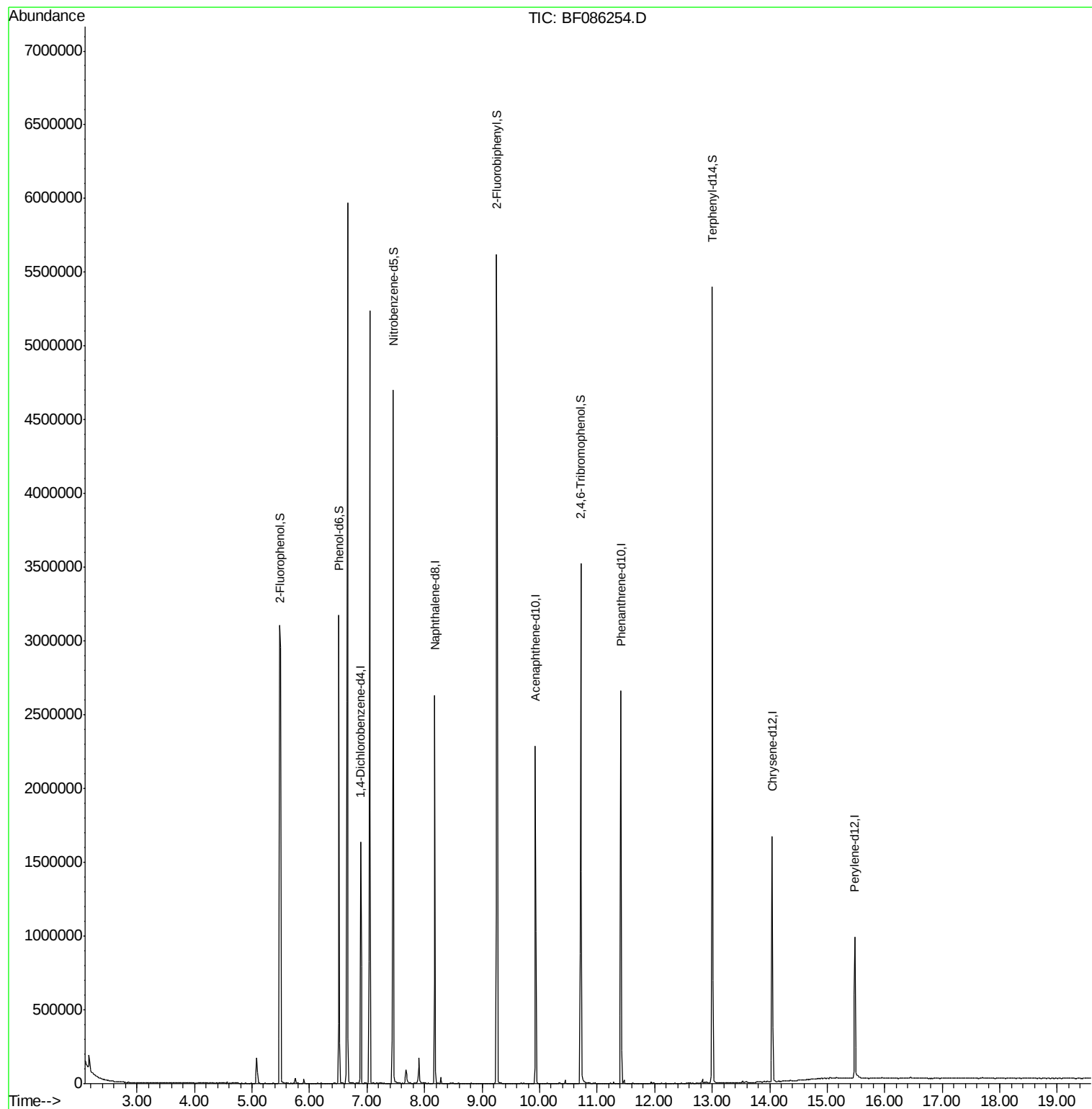
Target Compounds Qvalue

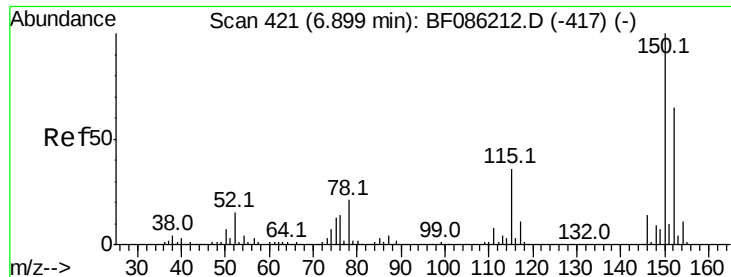
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF086254.D

Acq: 16 Apr 2016 9:47

Instrument :

BNA_F

ClientSampleId :

B7GW

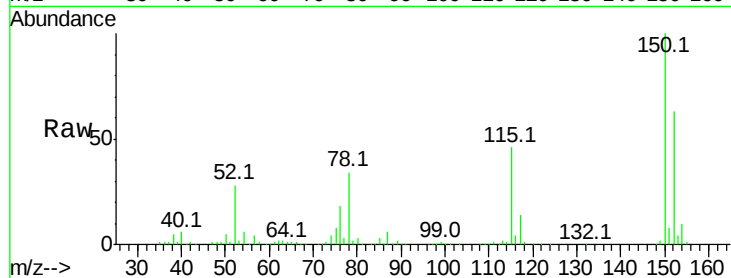
Tot Ion:152 Resp: 278977

Ion Ratio Lower Upper

152 100

150 158.6 124.1 186.1

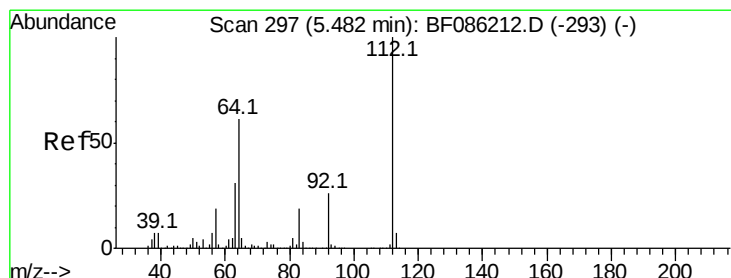
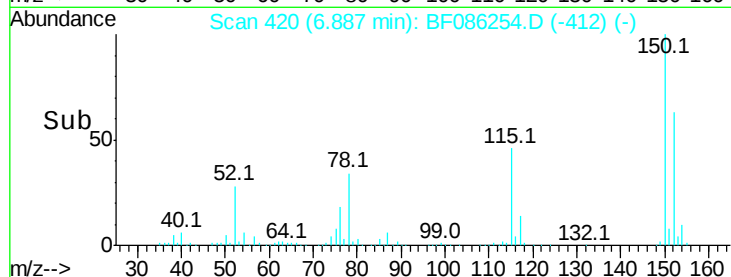
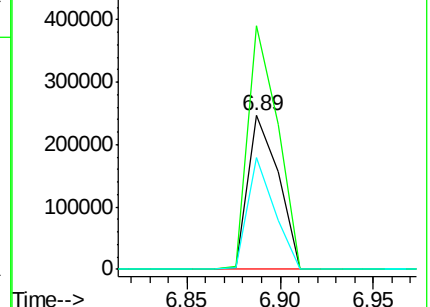
115 72.5 43.9 65.9#



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: 77.68 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.01 min

Lab File: BF086254.D

Acq: 16 Apr 2016 9:47

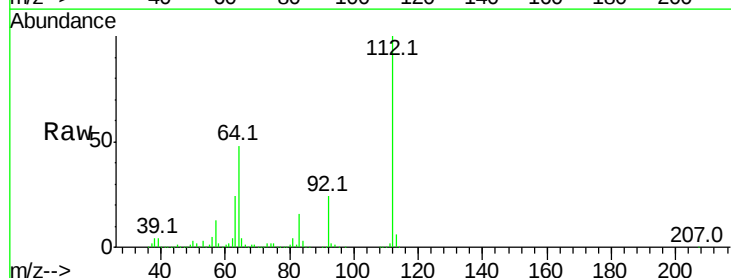
Tgt Ion:112 Resp: 1322586

Ion Ratio Lower Upper

112 100

64 48.1 48.1 72.1#

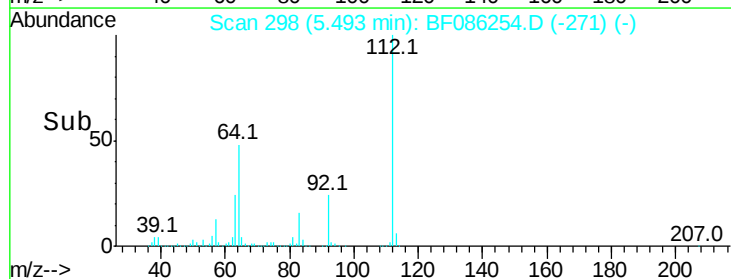
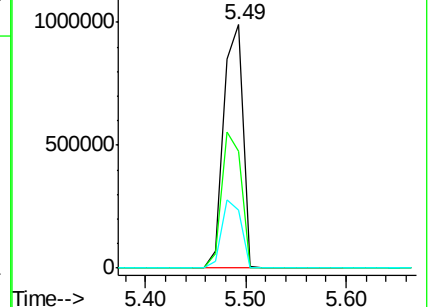
63 23.9 25.5 38.3#

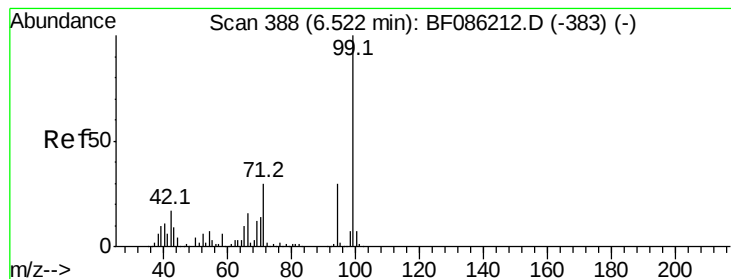


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 44.93 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF086254.D

Acq: 16 Apr 2016 9:47

Instrument :

BNA_F

ClientSampleId :

B7GW

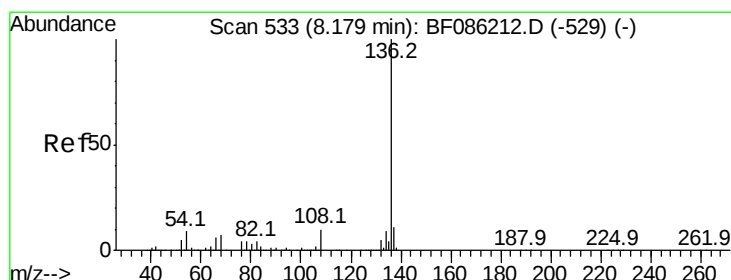
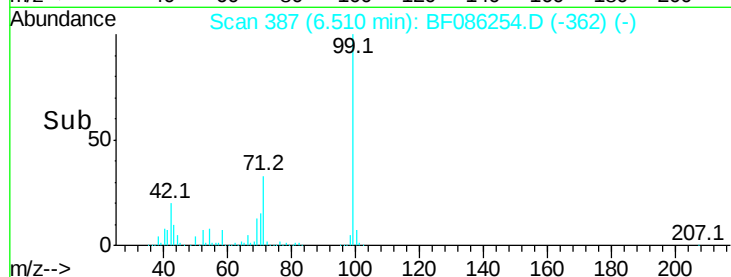
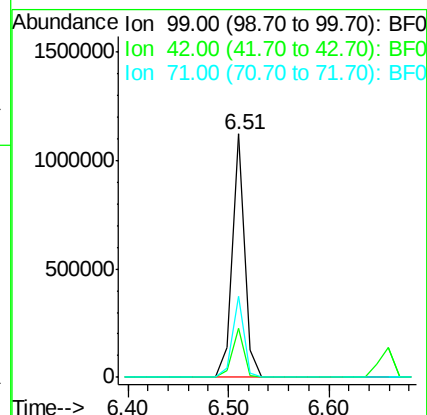
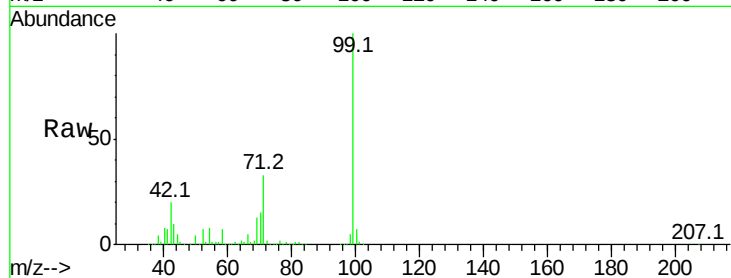
Tot Ion: 99 Resp: 956792

Ion Ratio Lower Upper

99 100

42 20.0 15.4 23.2

71 33.3 25.6 38.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF086254.D

Acq: 16 Apr 2016 9:47

Tgt Ion: 136 Resp: 1154790

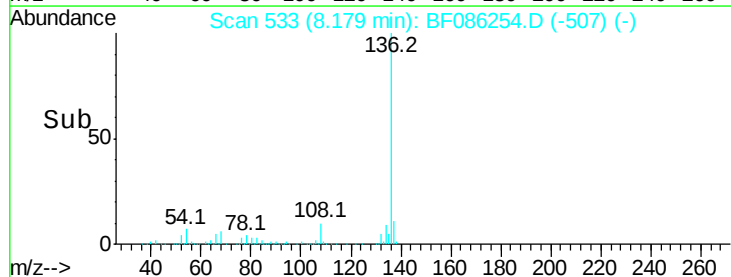
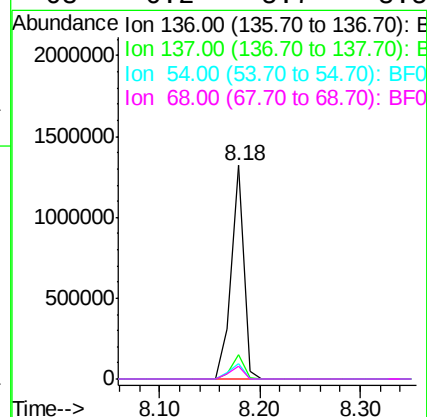
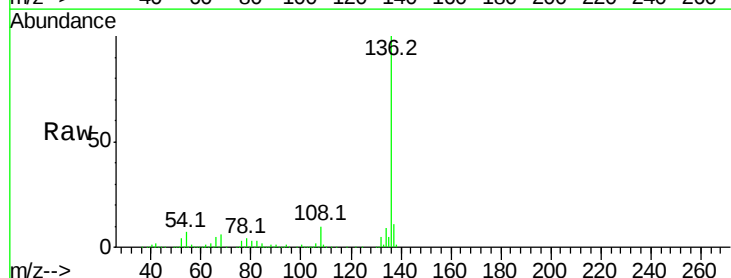
Ion Ratio Lower Upper

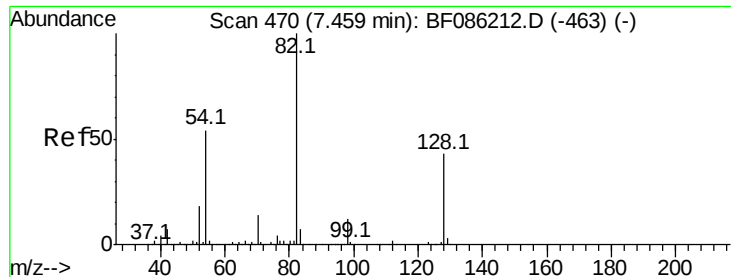
136 100

137 11.3 9.1 13.7

54 7.4 7.3 10.9

68 6.2 5.7 8.5



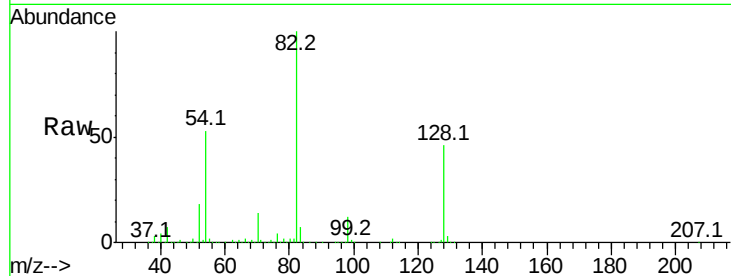


#23
 Nitrobenzene-d5
 Concen: 88.06 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.00 min
 Lab File: BF086254.D
 Acq: 16 Apr 2016 9:47

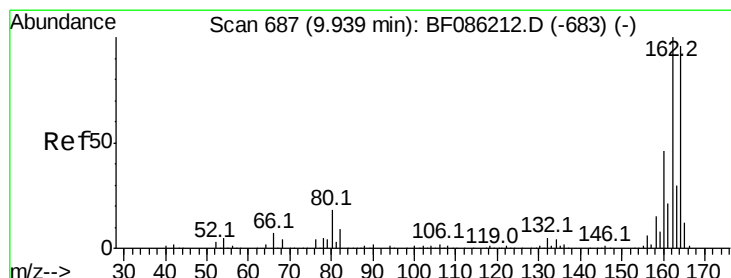
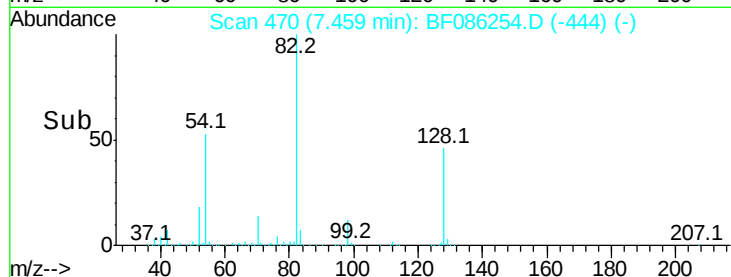
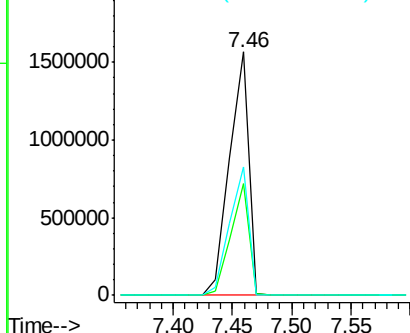
Instrument :
 BNA_F
 ClientSampleId :
 B7GW

Tot Ion: 82 Resp: 1763157

Ion	Ratio	Lower	Upper
82	100		
128	45.7	35.4	53.2
54	52.7	43.4	65.0



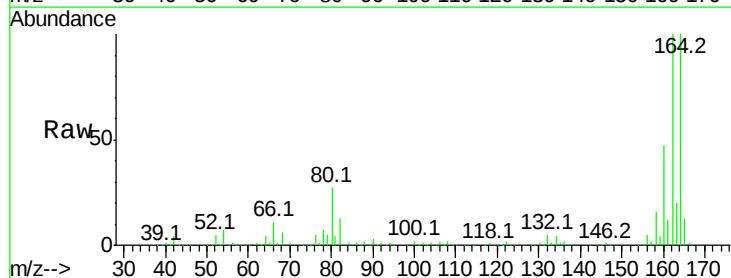
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0



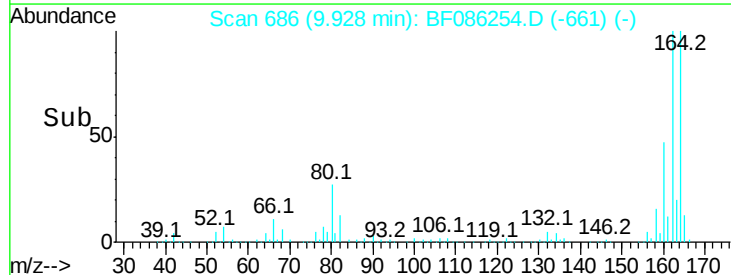
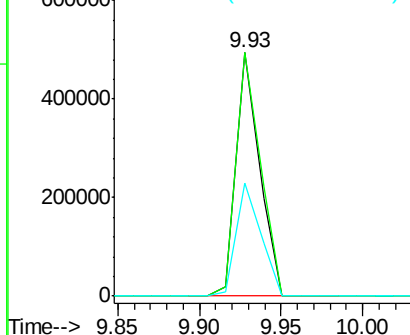
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.01 min
 Lab File: BF086254.D
 Acq: 16 Apr 2016 9:47

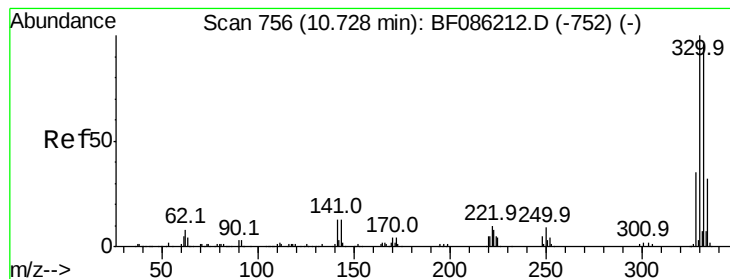
Tgt Ion: 164 Resp: 489243

Ion	Ratio	Lower	Upper
164	100		
162	99.9	82.8	124.2
160	46.7	38.9	58.3



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





#41

2,4,6-Tribromophenol

Concen: 125.06 ng

RT: 10.72 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF086254.D

Acq: 16 Apr 2016 9:47

Instrument :

BNA_F

ClientSampleId :

B7GW

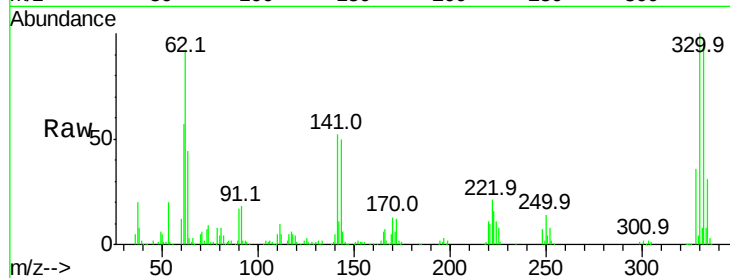
Tot Ion:330 Resp: 491326

Ion Ratio Lower Upper

330 100

332 96.6 78.7 118.1

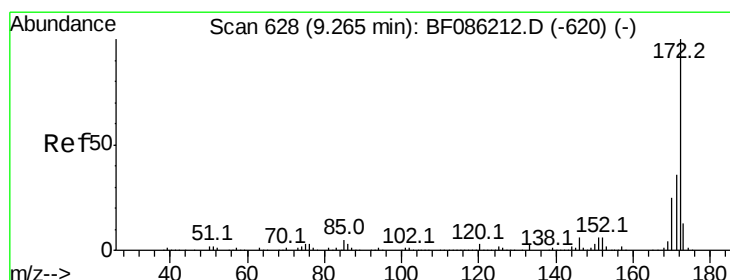
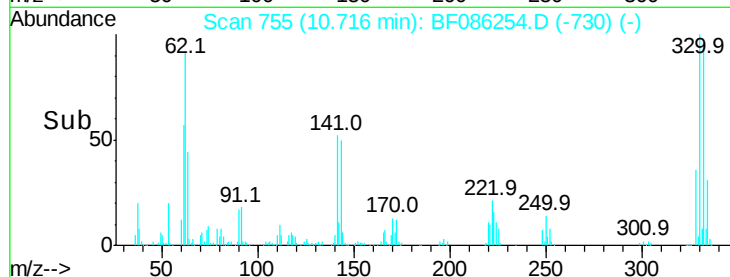
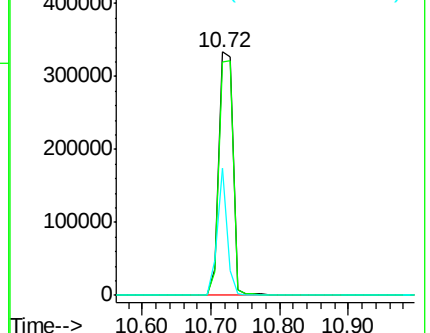
141 36.7 28.6 42.8



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: 96.61 ng

RT: 9.25 min Scan# 627

Delta R.T. -0.01 min

Lab File: BF086254.D

Acq: 16 Apr 2016 9:47

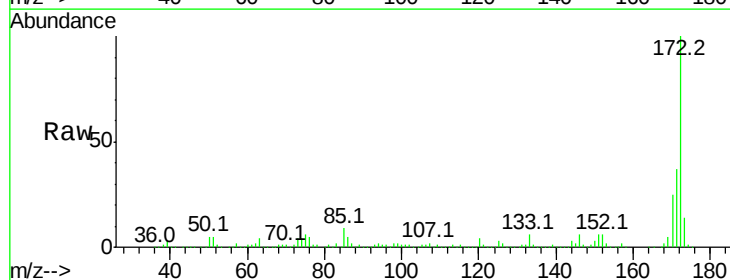
Tgt Ion:172 Resp: 2561510

Ion Ratio Lower Upper

172 100

171 36.6 29.1 43.7

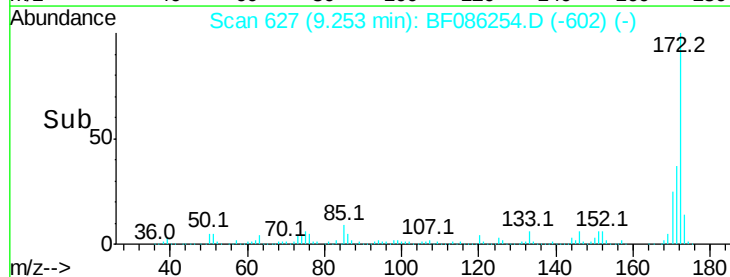
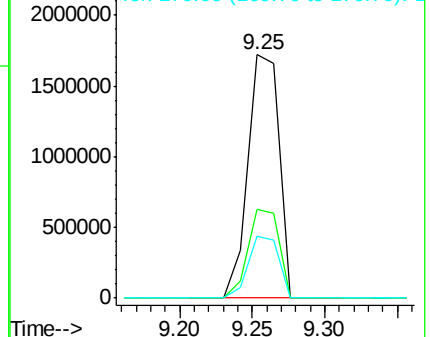
170 25.2 19.9 29.9

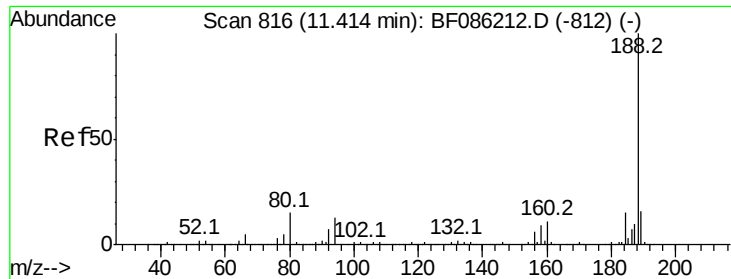


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

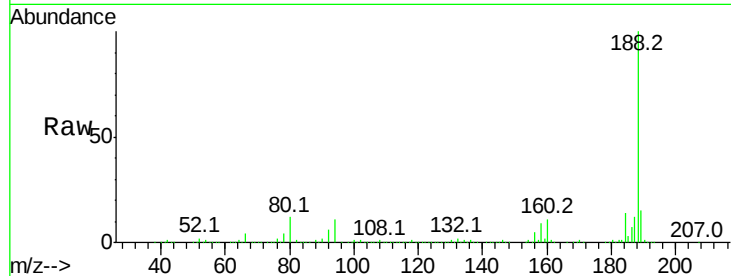




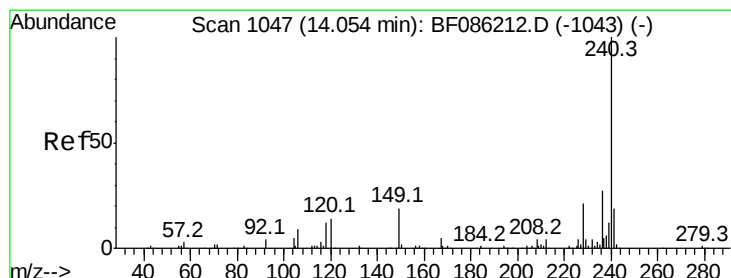
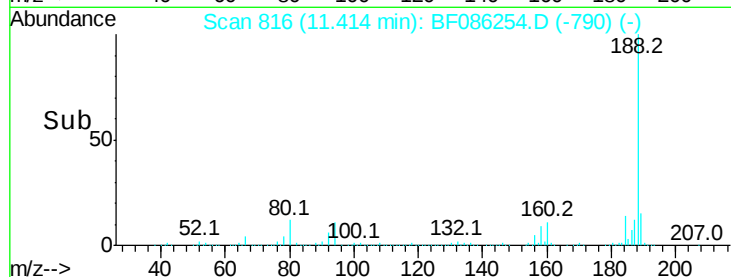
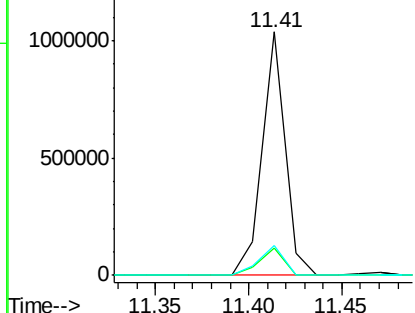
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF086254.D
Acq: 16 Apr 2016 9:47

Instrument :
BNA_F
ClientSampled :
B7GW

Tot Ion:188 Resp: 879024
Ion Ratio Lower Upper
188 100
94 11.3 9.8 14.8
80 12.3 10.5 15.7

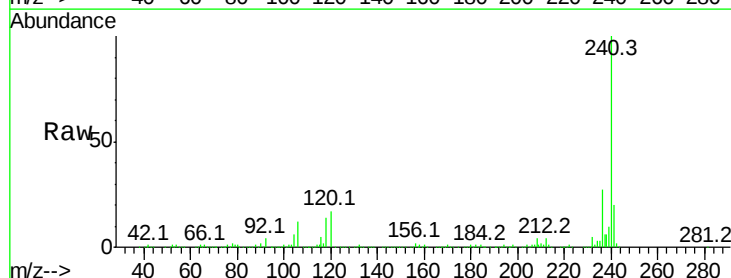


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

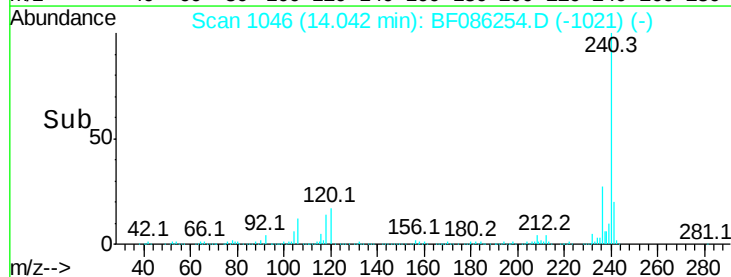
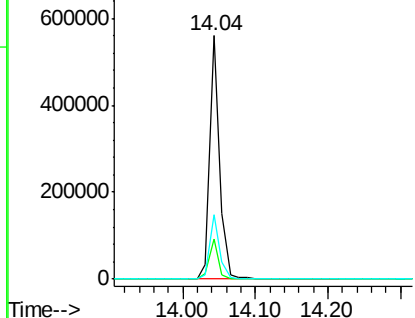


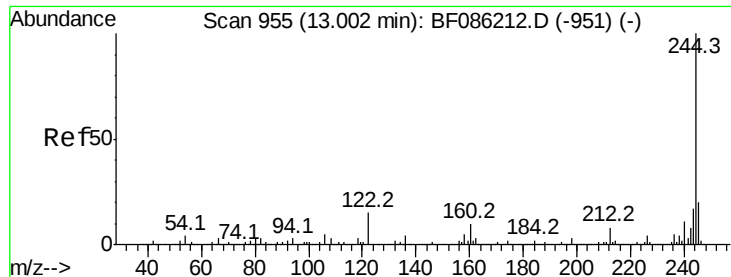
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF086254.D
Acq: 16 Apr 2016 9:47

Tgt Ion:240 Resp: 527631
Ion Ratio Lower Upper
240 100
120 16.7 9.3 13.9#
236 26.7 21.1 31.7



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

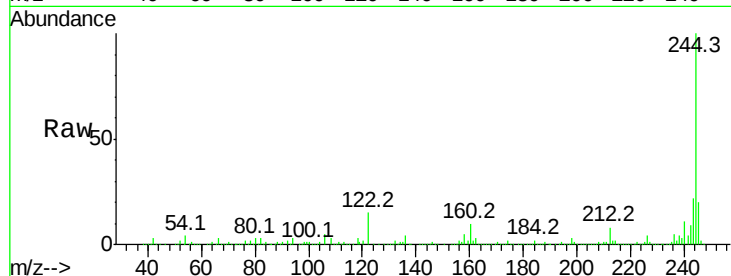




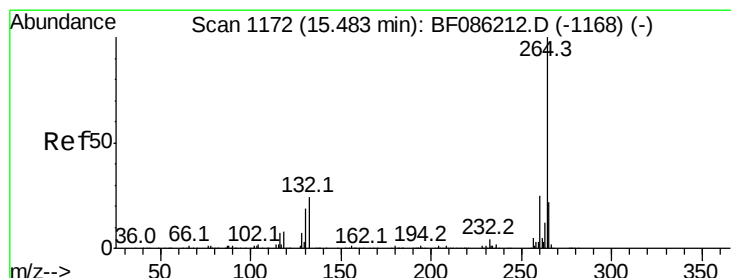
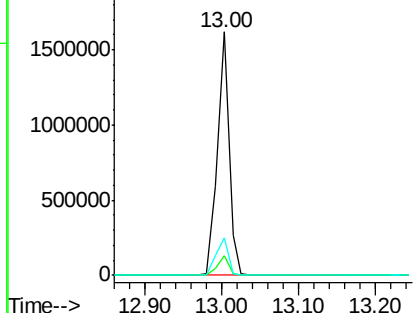
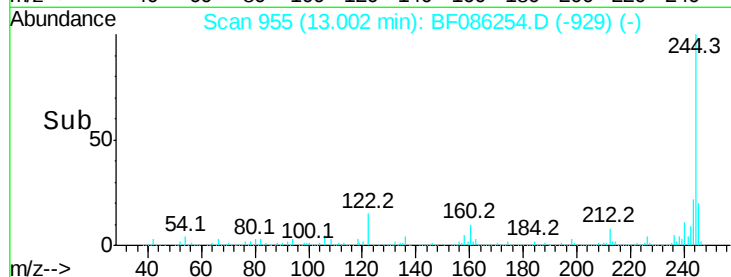
#78
 Terphenyl-d14
 Concen: 82.28 ng
 RT: 13.00 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: BF086254.D
 Acq: 16 Apr 2016 9:47

Instrument :
 BNA_F
 ClientSampleId :
 B7GW

Tot Ion:244 Resp: 1726506
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.4 9.6
 122 15.2 11.7 17.5

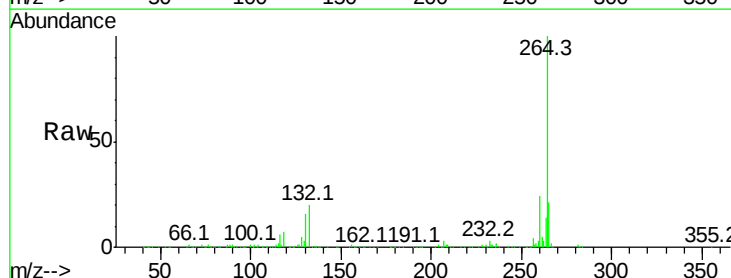


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BF086254.D
 Acq: 16 Apr 2016 9:47

Tgt Ion:264 Resp: 449392
 Ion Ratio Lower Upper
 264 100
 260 24.0 20.0 30.0
 265 20.7 17.4 26.0



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

