

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
 Data File : BF086958.D
 Acq On : 13 May 2016 6:43
 Operator : UM/SJ
 Sample : H2994-13
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PM-STA-1343-28.39(0-4)

Quant Time: May 13 08:00:54 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 13 00:58:18 2016
 Response via : Initial Calibration

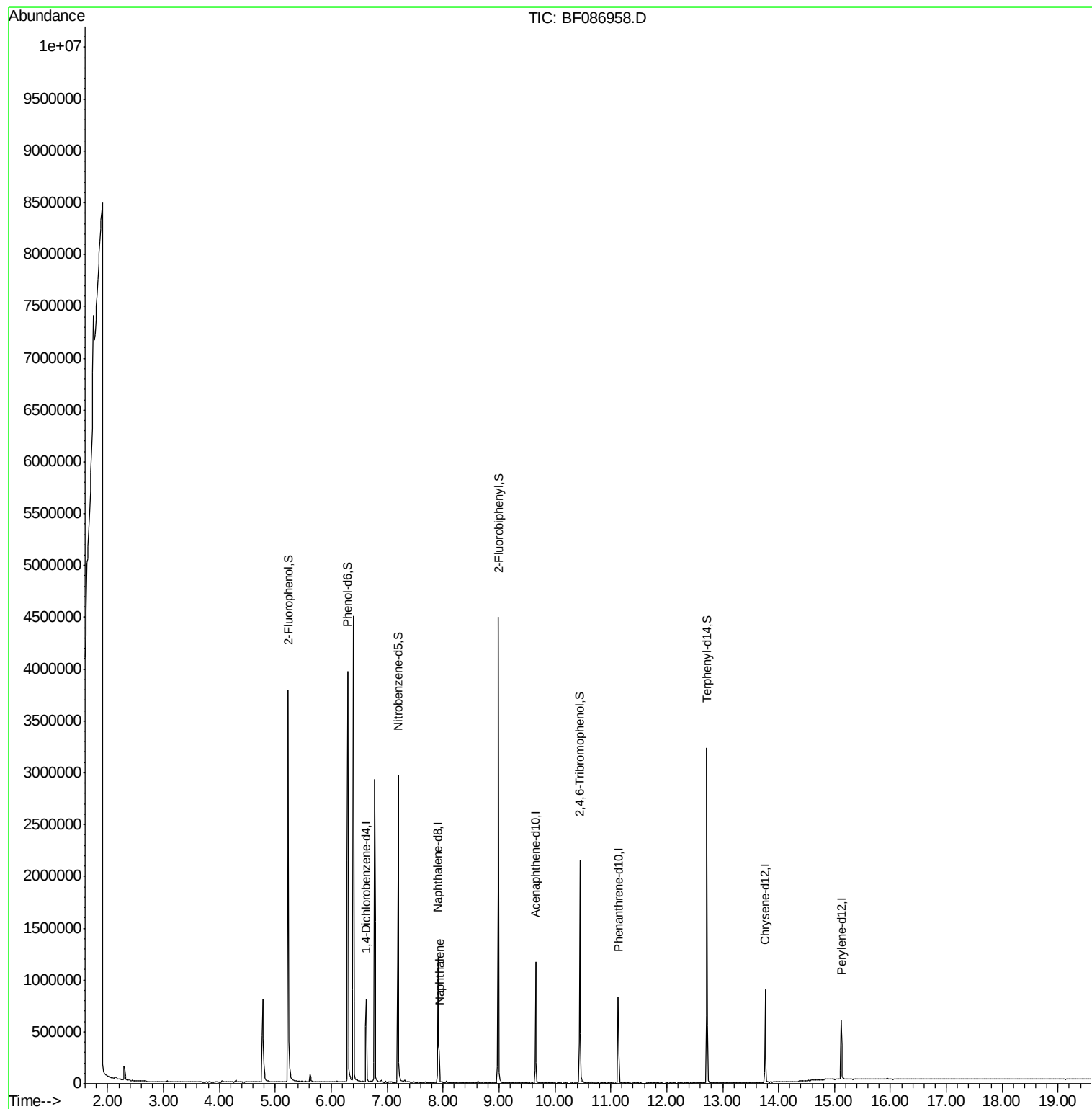
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	142670	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	513794	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	207831	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	310903	20.00	ng	-0.01
75) Chrysene-d12	13.76	240	303710	20.00	ng	-0.01
86) Perylene-d12	15.12	264	259658	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1137174	134.98	ng	0.02
7) Phenol-d6	6.30	99	1409948	125.23	ng	0.00
23) Nitrobenzene-d5	7.20	82	947821	92.63	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	235390	106.98	ng	-0.01
44) 2-Fluorobiphenyl	8.99	172	1423711	115.13	ng	0.00
78) Terphenyl-d14	12.72	244	939251	65.62	ng	0.00
Target Compounds						
31) Naphthalene	7.93	128	120416	4.68	ng	Qvalue 99

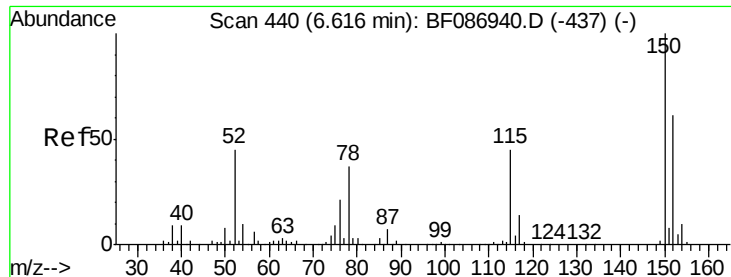
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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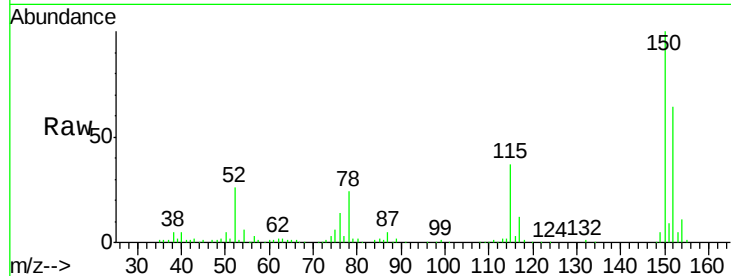




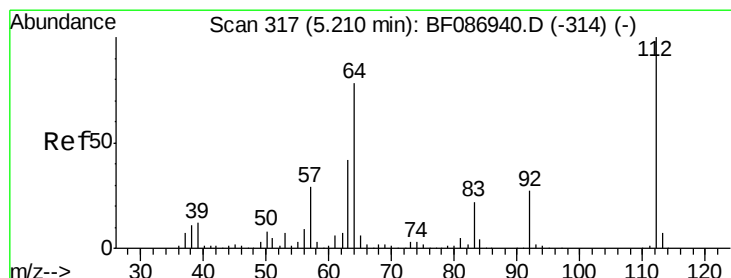
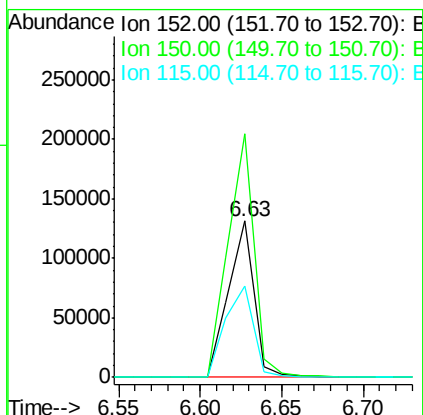
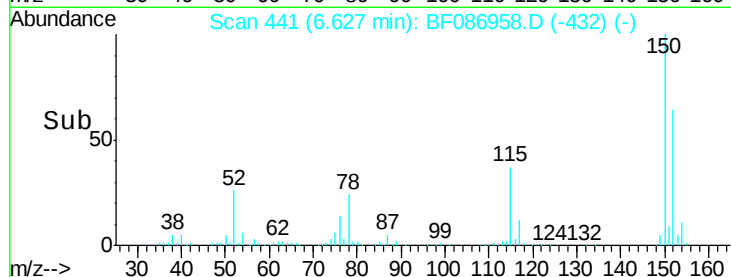
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.63 min Scan# 441
 Delta R.T. 0.00 min
 Lab File: BF086958.D
 Acq: 13 May 2016 6:43

Instrument :
 BNA_F
 ClientSampleId :
 PM-STA-1343-28.39(0-4)

Tgt Ion:152 Resp: 142670
 Ion Ratio Lower Upper
 152 100
 150 155.8 125.8 188.6
 115 58.3 51.5 77.3

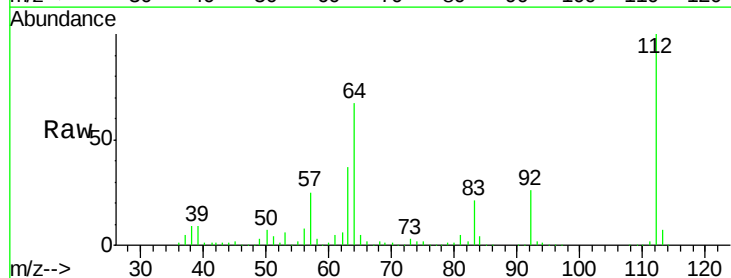


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

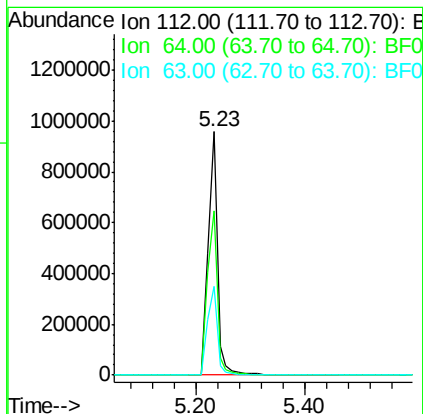
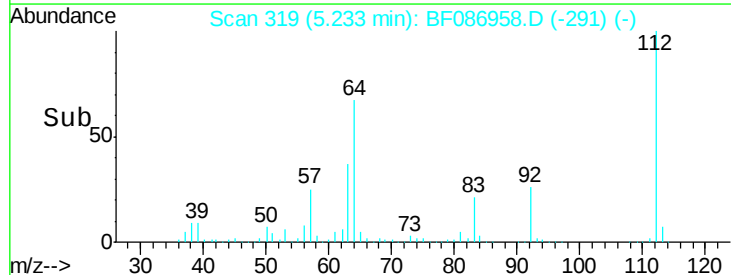


#5
 2-Fluorophenol
 Concen: 134.98 ng
 RT: 5.23 min Scan# 319
 Delta R.T. 0.02 min
 Lab File: BF086958.D
 Acq: 13 May 2016 6:43

Tgt Ion:112 Resp: 1137174
 Ion Ratio Lower Upper
 112 100
 64 67.3 52.1 78.1
 63 36.7 25.7 38.5



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: 125.23 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF086958.D

Acq: 13 May 2016 6:43

Instrument :

BNA_F

ClientSampleId :

PM-STA-1343-28.39(0-4)

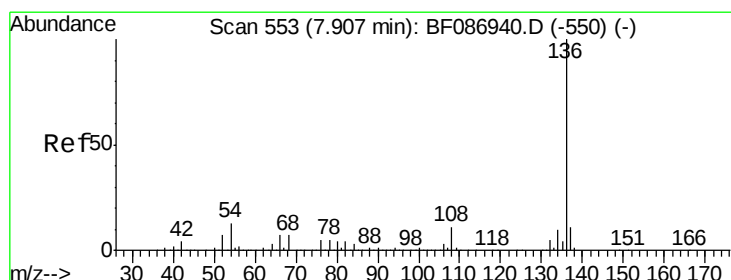
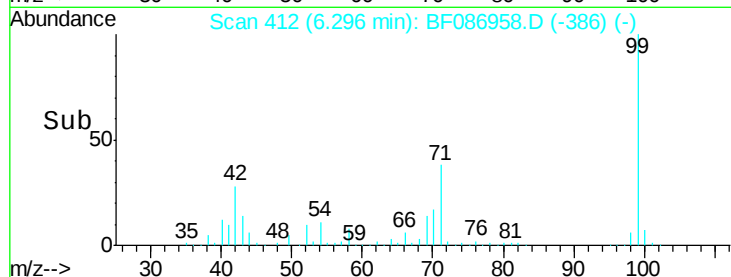
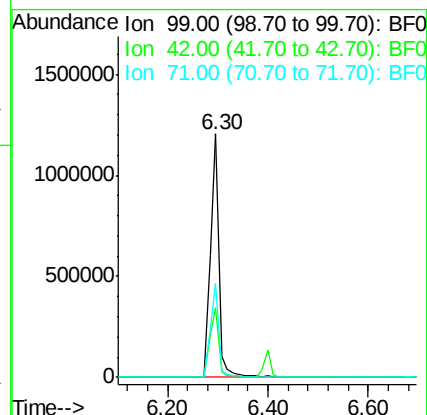
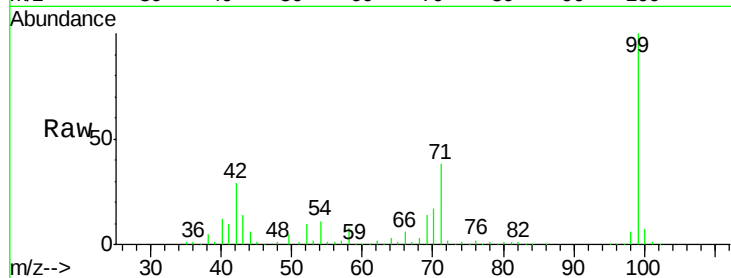
Tgt Ion: 99 Resp: 1409948

Ion Ratio Lower Upper

99 100

42 28.5 13.6 20.4#

71 38.3 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF086958.D

Acq: 13 May 2016 6:43

Tgt Ion: 136 Resp: 513794

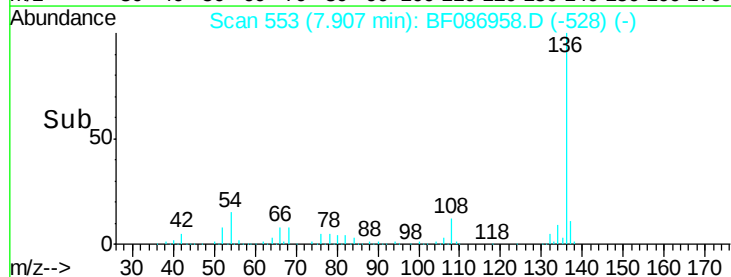
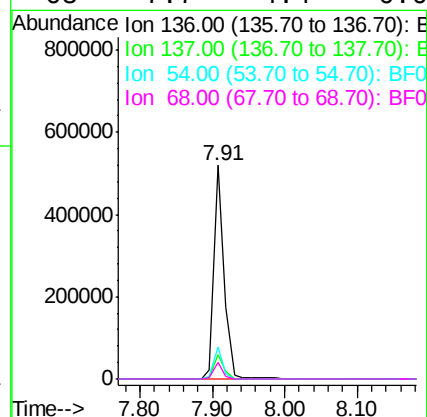
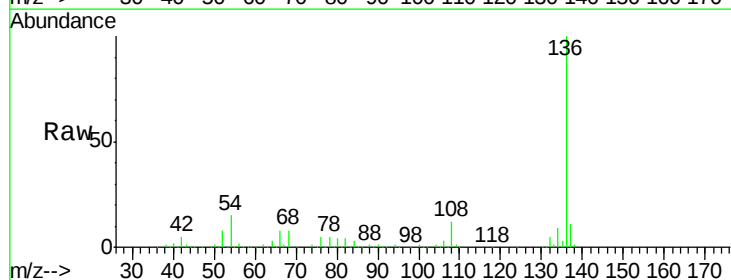
Ion Ratio Lower Upper

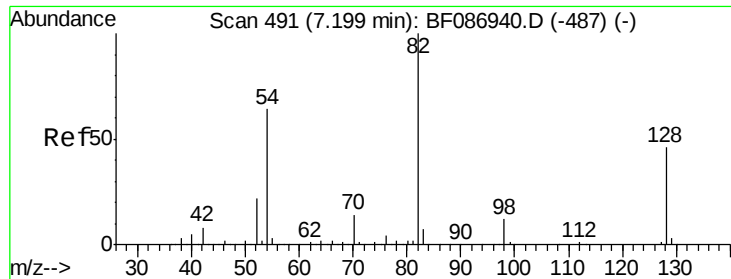
136 100

137 11.4 8.8 13.2

54 14.8 5.0 7.4#

68 7.7 4.4 6.6#

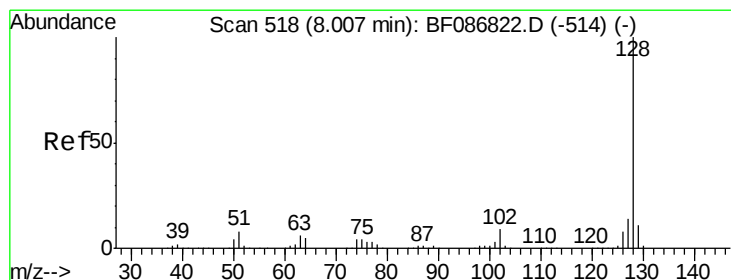
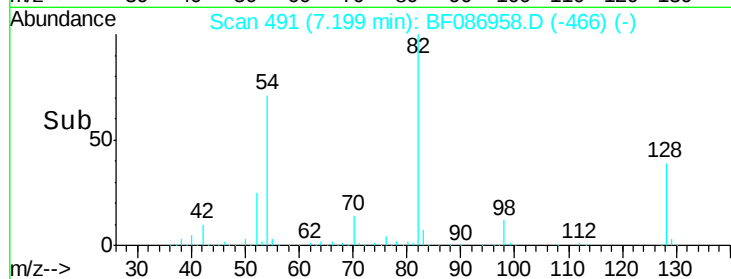
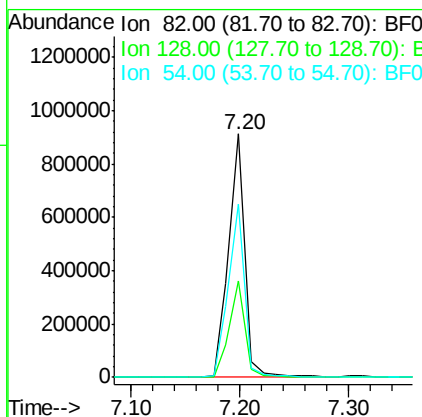
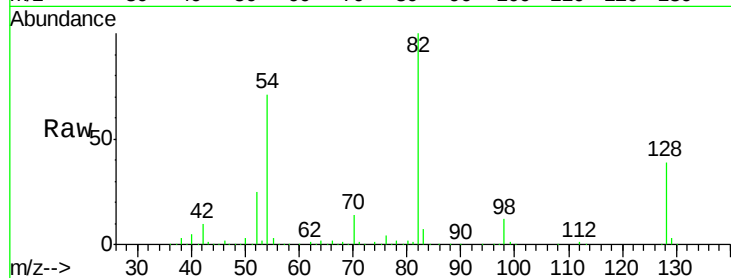




#23
Nitrobenzene-d5
Concen: 92.63 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.01 min
Lab File: BF086958.D
Acq: 13 May 2016 6:43

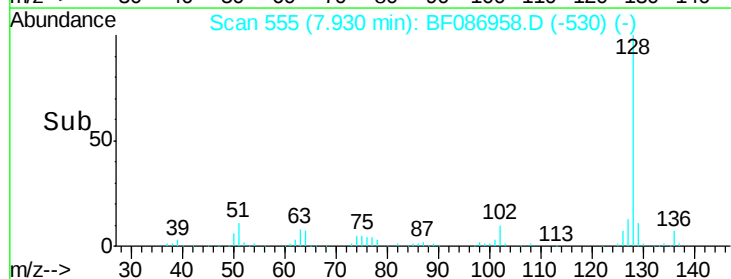
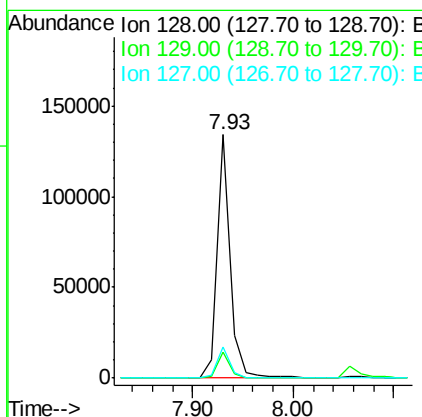
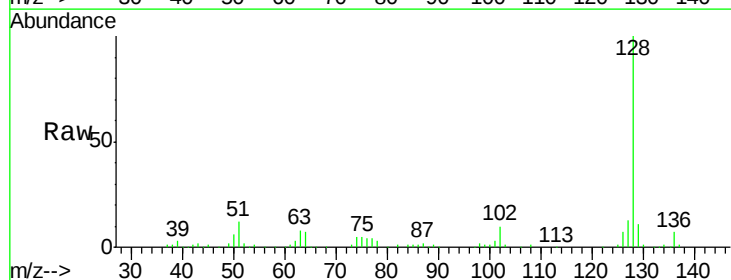
Instrument :
BNA_F
ClientSampleId :
PM-STA-1343-28.39(0-4)

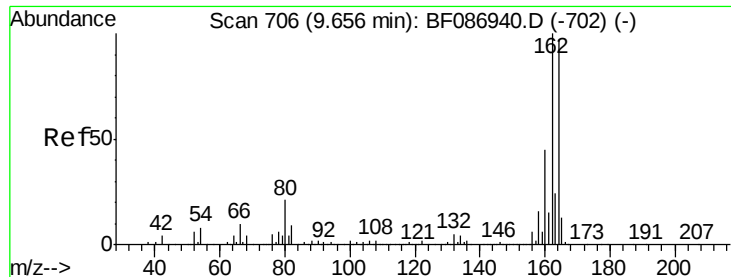
Tgt Ion: 82 Resp: 947821
Ion Ratio Lower Upper
82 100
128 39.4 40.6 61.0#
54 71.2 38.1 57.1#



#31
Naphthalene
Concen: 4.68 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF086958.D
Acq: 13 May 2016 6:43

Tgt Ion: 128 Resp: 120416
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 12.9 10.8 16.2

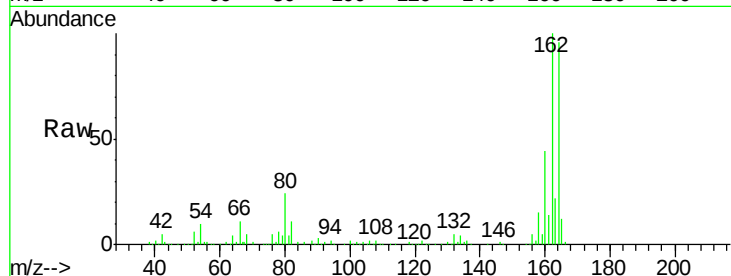




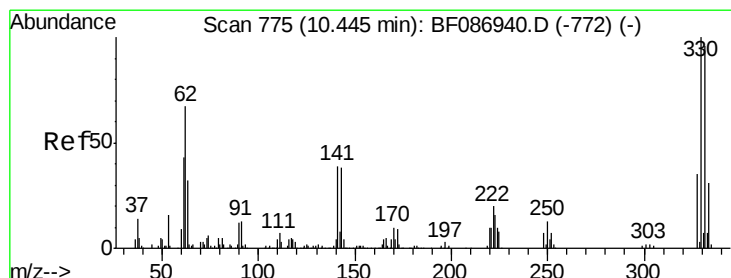
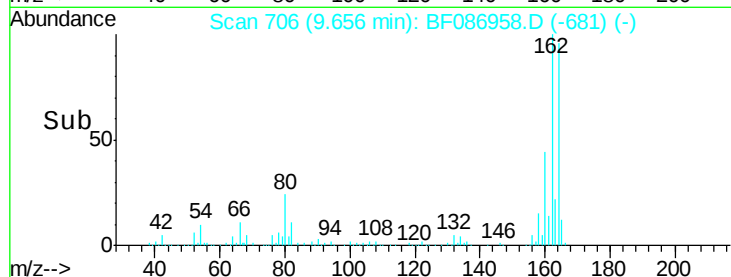
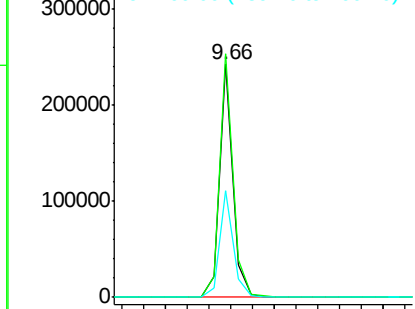
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF086958.D
Acq: 13 May 2016 6:43

Instrument :
BNA_F
ClientSampleId :
PM-STA-1343-28.39(0-4)

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	82.8	124.2
160	45.9	36.9	55.3

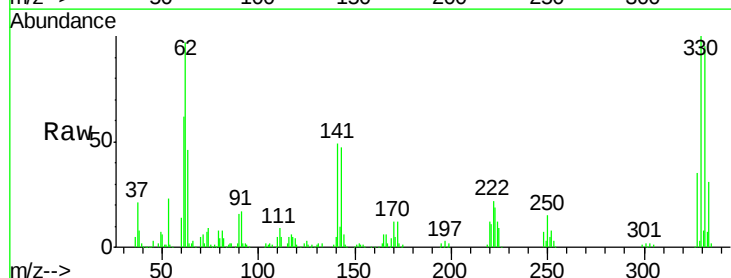


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

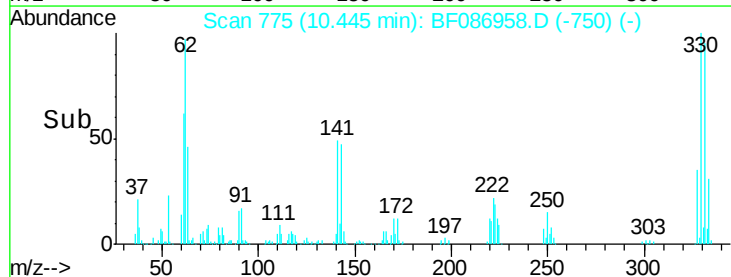
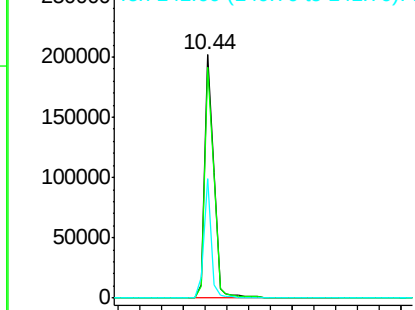


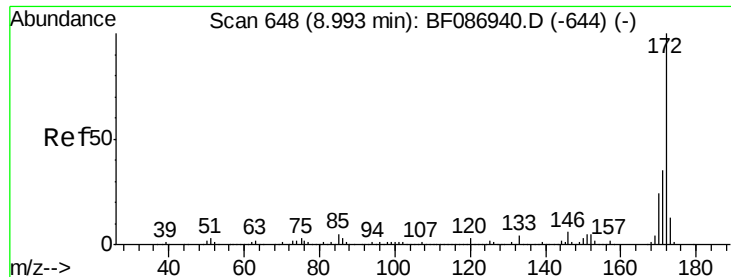
#41
2,4,6-Tribromophenol
Concen: 106.98 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF086958.D
Acq: 13 May 2016 6:43

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	79.0	118.4
141	39.5	31.2	46.8



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

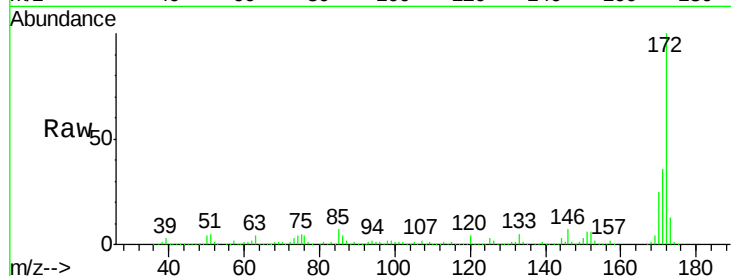




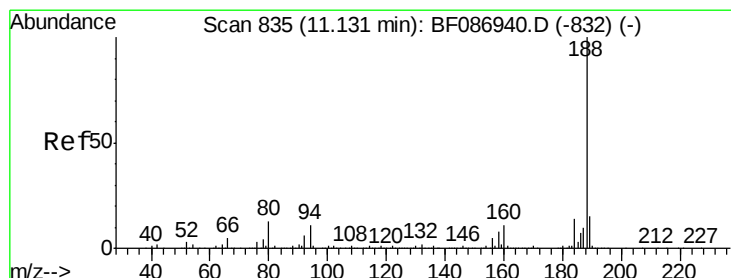
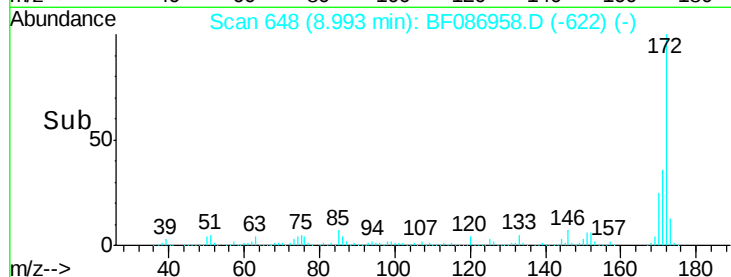
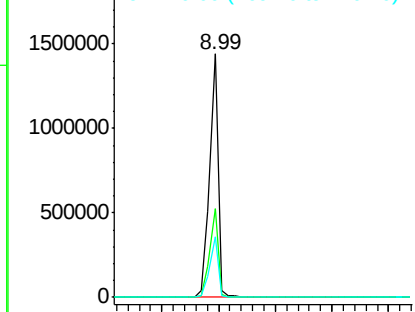
#44
 2-Fluorobiphenyl
 Concen: 115.13 ng
 RT: 8.99 min Scan# 648
 Delta R.T. 0.00 min
 Lab File: BF086958.D
 Acq: 13 May 2016 6:43

Instrument :
 BNA_F
 ClientSampleId :
 PM-STA-1343-28.39(0-4)

Tgt Ion:172 Resp: 1423711
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.0 43.6
 170 24.7 19.8 29.8

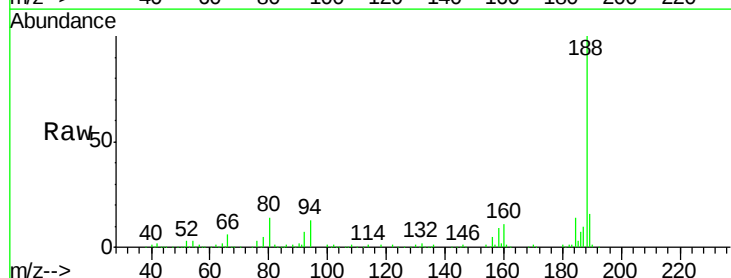


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

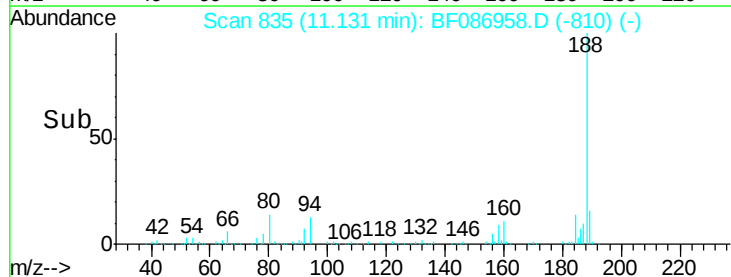
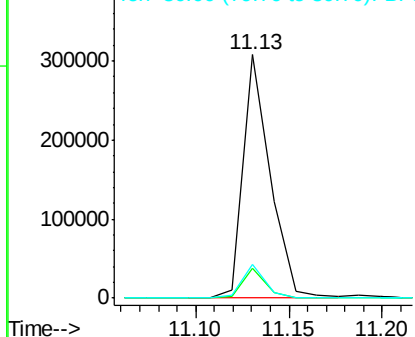


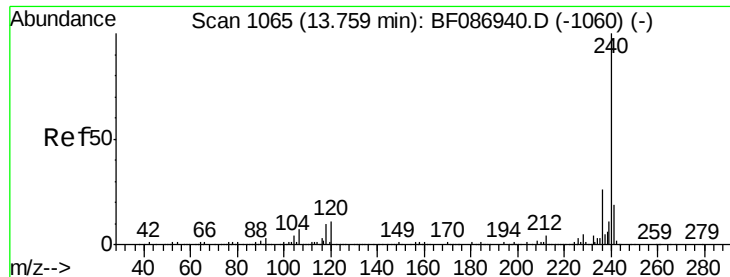
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BF086958.D
 Acq: 13 May 2016 6:43

Tgt Ion:188 Resp: 310903
 Ion Ratio Lower Upper
 188 100
 94 12.5 6.8 10.2#
 80 14.0 7.1 10.7#



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: 13.76 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BF086958.D

Acq: 13 May 2016 6:43

Instrument :

BNA_F

ClientSampleId :

PM-STA-1343-28.39(0-4)

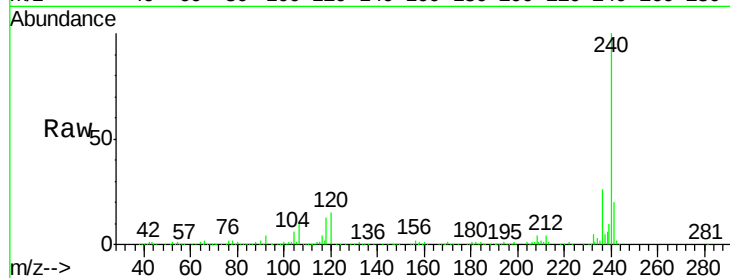
Tgt Ion:240 Resp: 303710

Ion Ratio Lower Upper

240 100

120 14.6 11.2 16.8

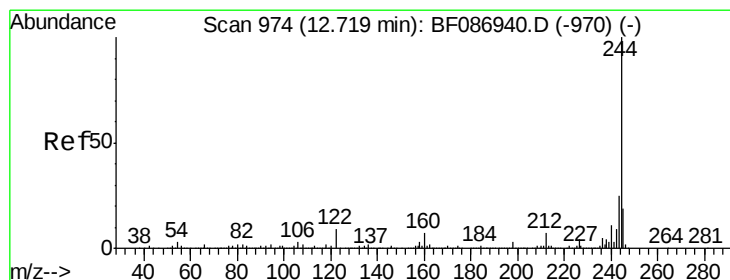
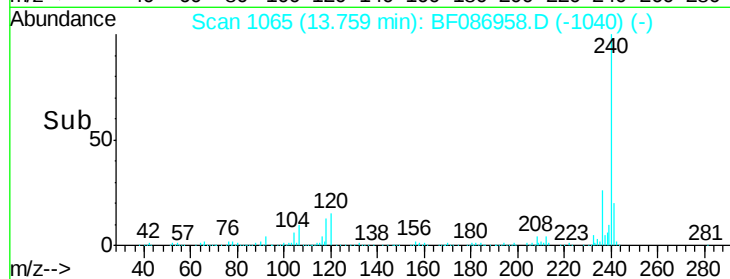
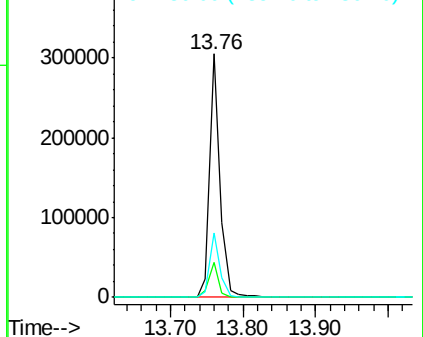
236 26.3 21.2 31.8



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: 65.62 ng

RT: 12.72 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF086958.D

Acq: 13 May 2016 6:43

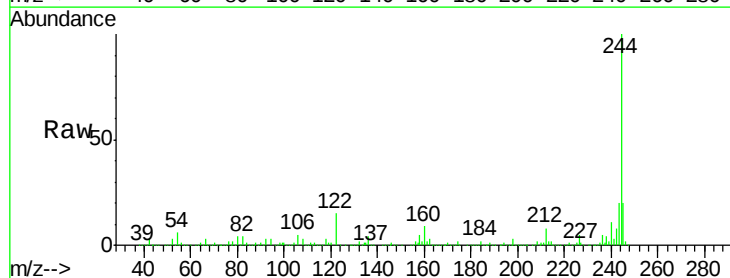
Tgt Ion:244 Resp: 939251

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

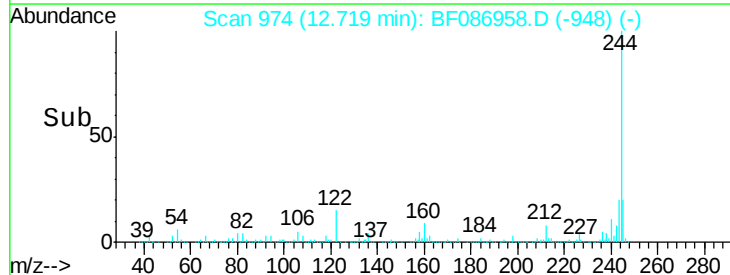
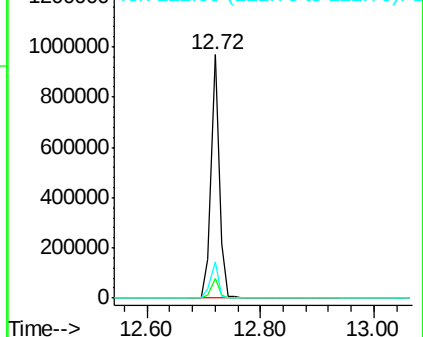
122 14.7 12.0 18.0

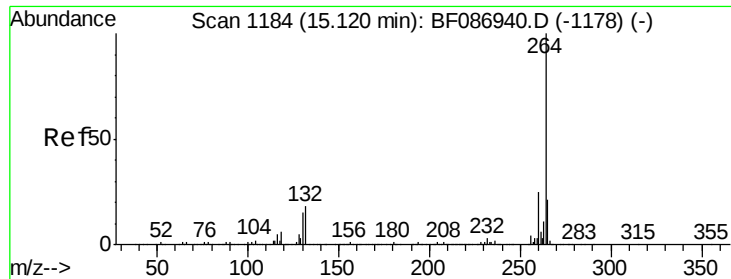


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.12 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF086958.D
Acq: 13 May 2016 6:43

Instrument :
BNA_F
ClientSampleId :
PM-STA-1343-28.39(0-4)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	21.7	17.3	25.9

