

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010616\
 Data File : BF084301.D
 Acq On : 6 Jan 2016 20:38
 Operator : SJ/UM
 Sample : H1017-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-1A

Quant Time: Jan 07 02:40:29 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	296253	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	1267485	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	535648	20.00	ng	-0.05
63) Phenanthrene-d10	11.39	188	974860	20.00	ng	-0.03
75) Chrysene-d12	14.02	240	703387	20.00	ng	-0.05
86) Perylene-d12	15.46	264	587892	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1003420	54.78	ng	-0.01
7) Phenol-d6	6.51	99	850587	36.98	ng	-0.02
23) Nitrobenzene-d5	7.44	82	1751020	76.89	ng	-0.03
41) 2,4,6-Tribromophenol	10.70	330	670170	123.93	ng	-0.03
44) 2-Fluorobiphenyl	9.23	172	2699910	88.96	ng	-0.03
78) Terphenyl-d14	12.98	244	2088747	66.29	ng	-0.03

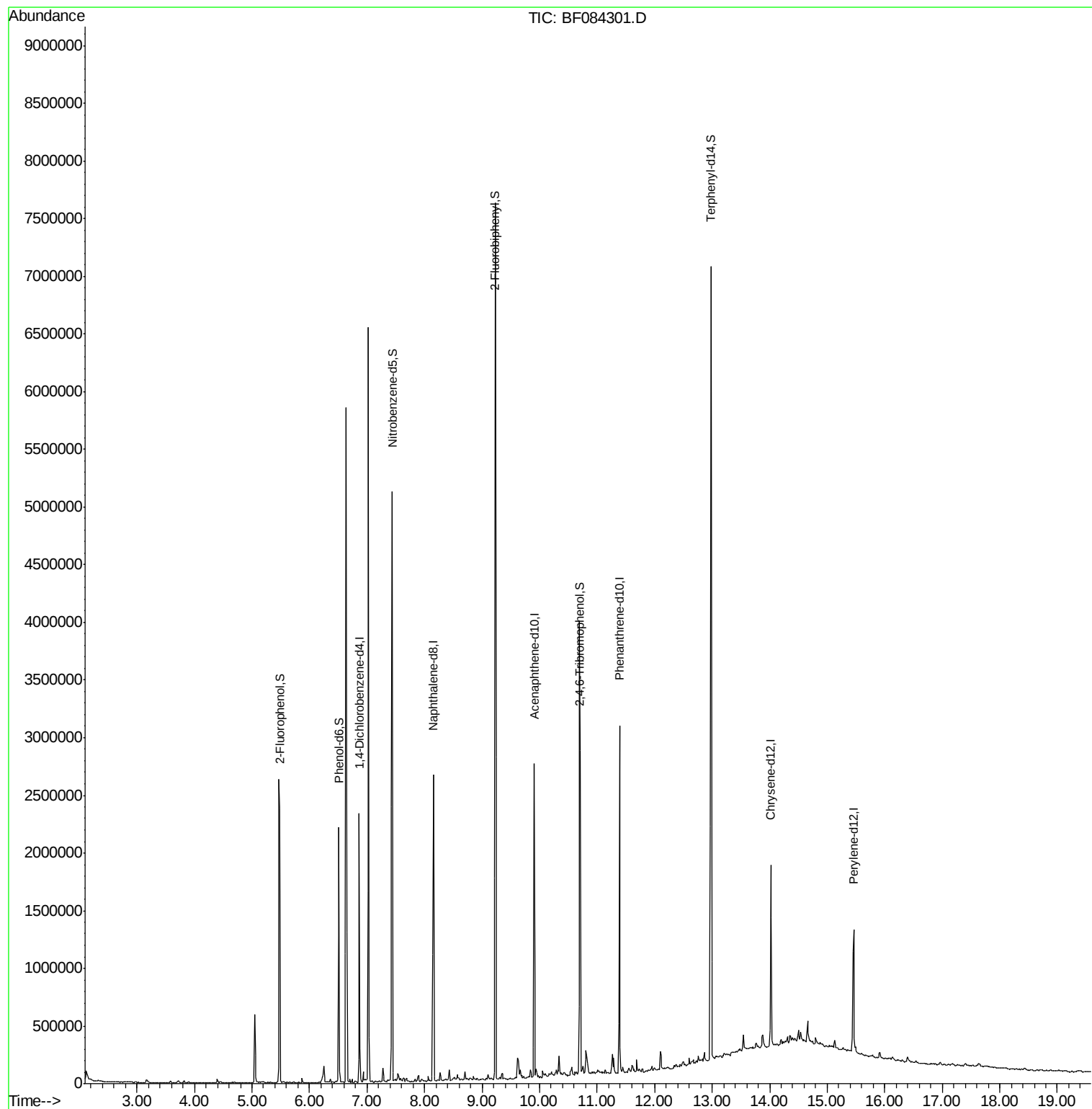
Target Compounds Qvalue

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.03 min

Lab File: BF084301.D

Acq: 6 Jan 2016 20:38

Instrument :

BNA_F

ClientSampleId :

W-1A

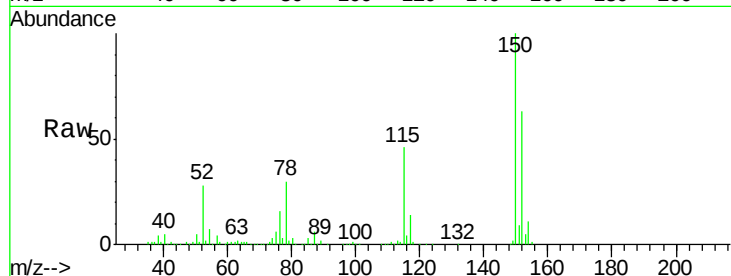
Tot Ion:152 Resp: 296253

Ion Ratio Lower Upper

152 100

150 158.1 123.0 184.4

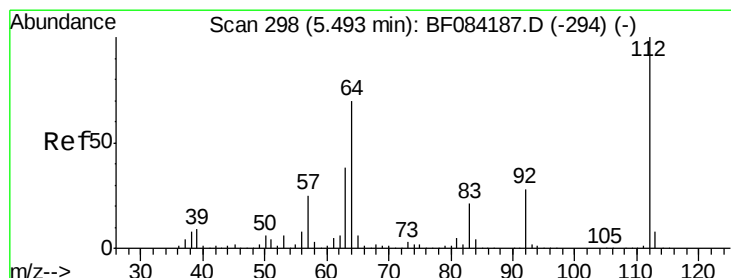
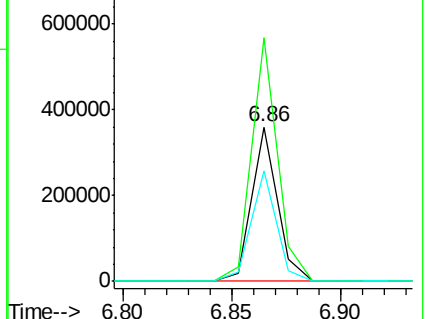
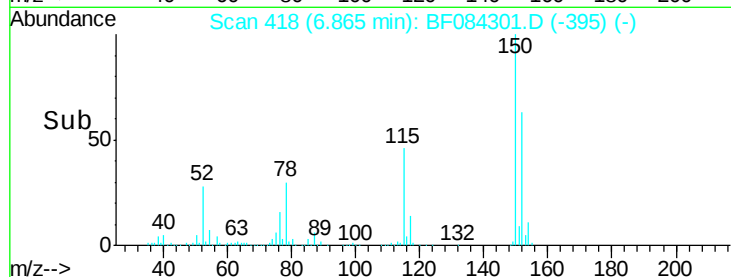
115 72.1 51.4 77.2



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: 54.78 ng

RT: 5.48 min Scan# 297

Delta R.T. -0.01 min

Lab File: BF084301.D

Acq: 6 Jan 2016 20:38

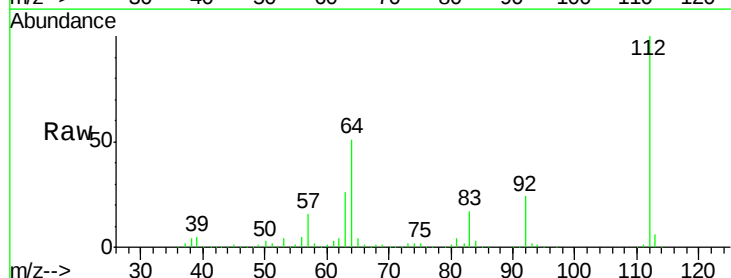
Tgt Ion:112 Resp: 1003420

Ion Ratio Lower Upper

112 100

64 50.6 36.6 55.0

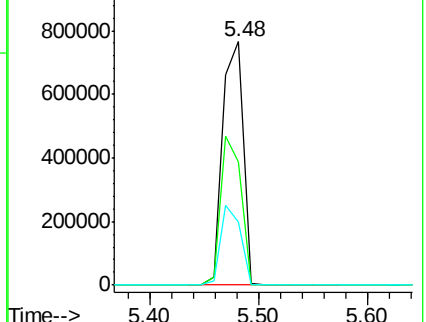
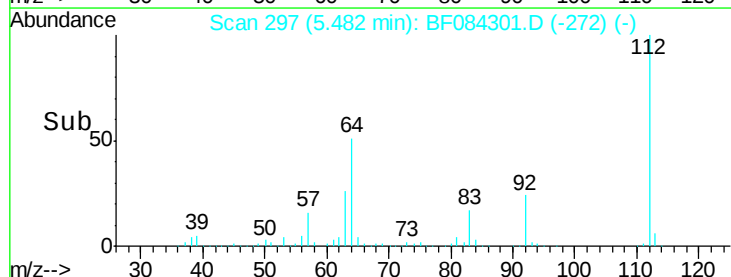
63 26.1 19.4 29.0

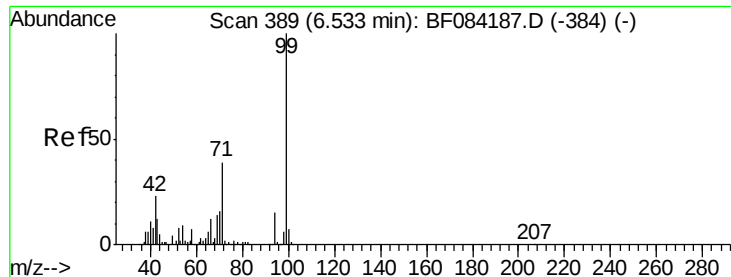


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 36.98 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF084301.D

Acq: 6 Jan 2016 20:38

Instrument :

BNA_F

ClientSampled :

W-1A

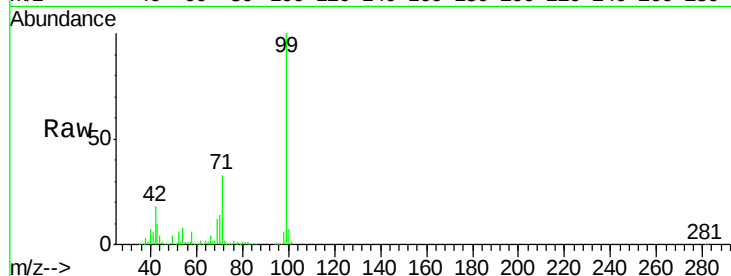
Tot Ion: 99 Resp: 850587

Ion Ratio Lower Upper

99 100

42 17.8 12.8 19.2

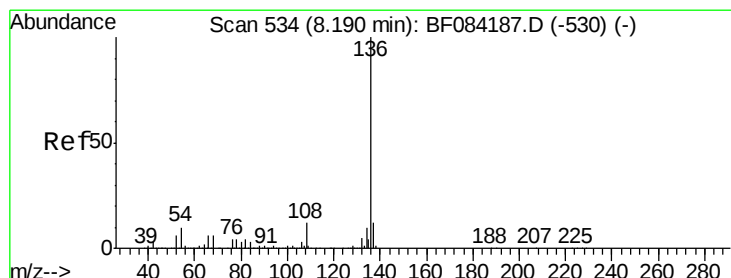
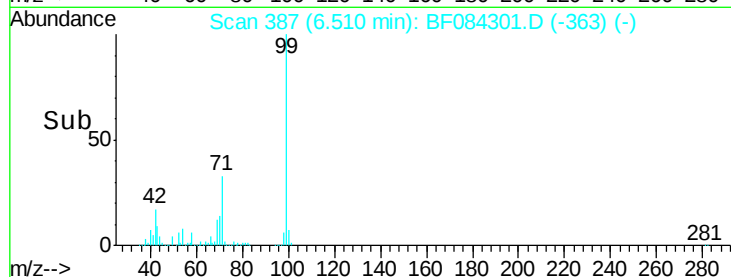
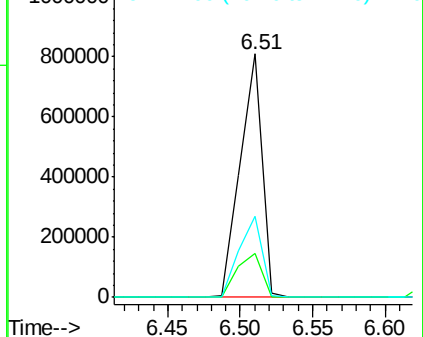
71 33.2 30.9 46.3



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: 8.16 min Scan# 531

Delta R.T. -0.03 min

Lab File: BF084301.D

Acq: 6 Jan 2016 20:38

Tgt Ion: 136 Resp: 1267485

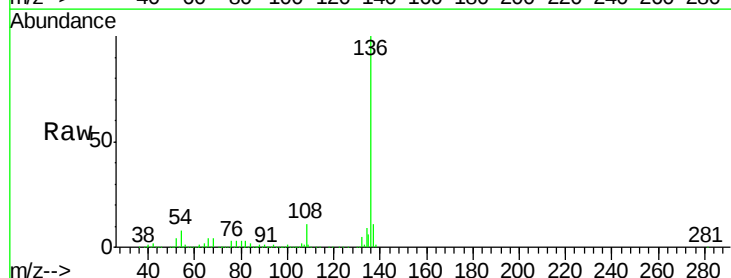
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 7.8 5.8 8.8

68 4.5 4.2 6.2

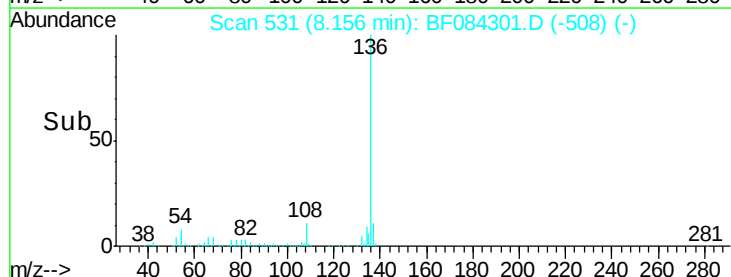
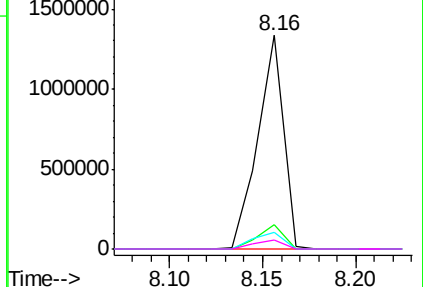


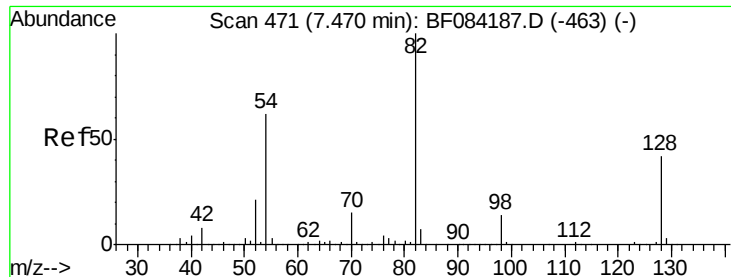
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

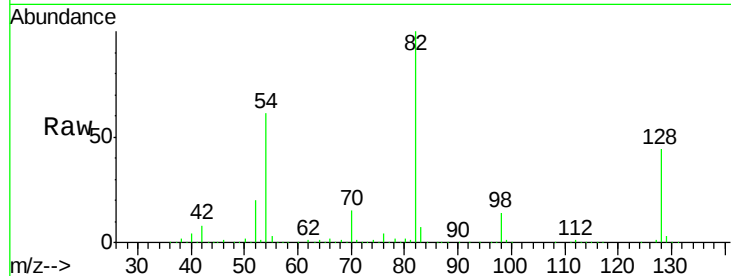




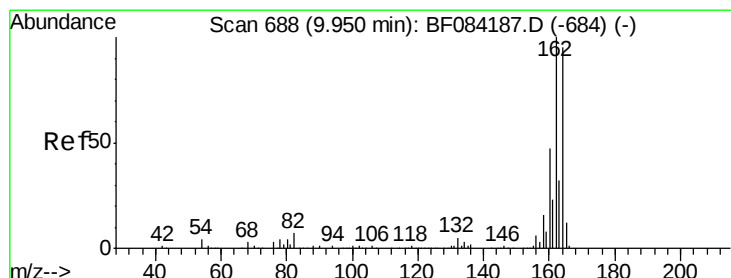
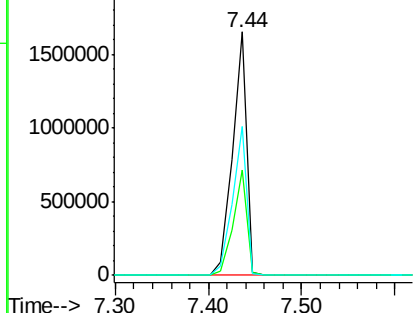
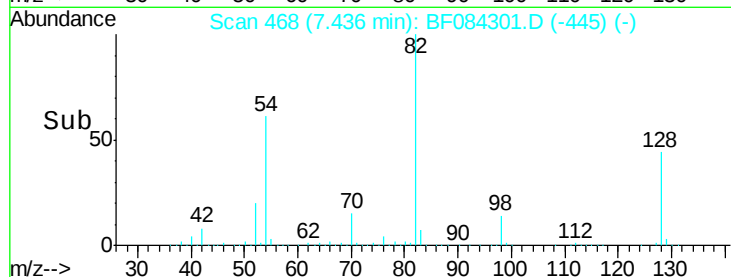
#23
Nitrobenzene-d5
Concen: 76.89 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.03 min
Lab File: BF084301.D
Acq: 6 Jan 2016 20:38

Instrument :
BNA_F
ClientSampleId :
W-1A

Tot Ion: 82 Resp: 1751020
Ion Ratio Lower Upper
82 100
128 43.5 34.6 51.8
54 61.1 38.4 57.6#

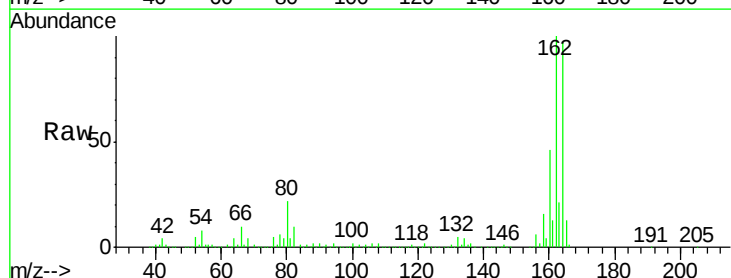


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

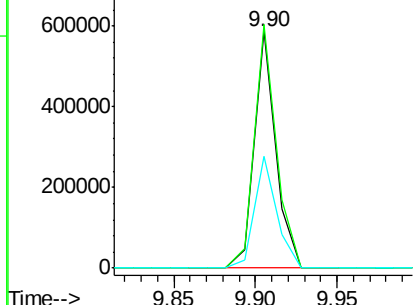
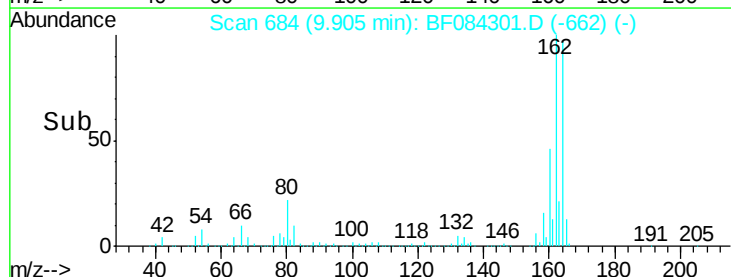


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.05 min
Lab File: BF084301.D
Acq: 6 Jan 2016 20:38

Tgt Ion:164 Resp: 535648
Ion Ratio Lower Upper
164 100
162 102.7 85.1 127.7
160 46.9 37.5 56.3



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

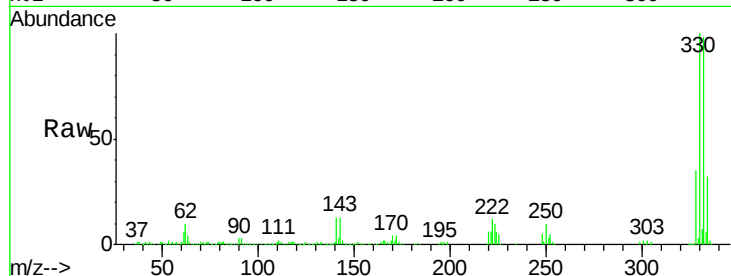




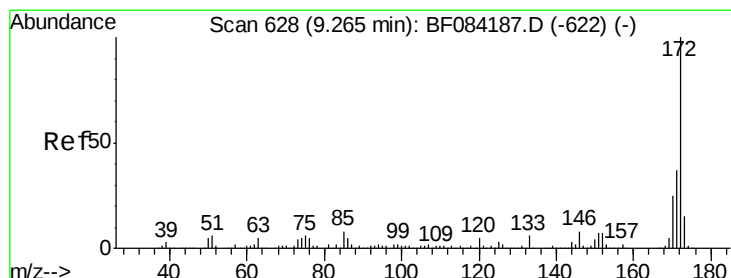
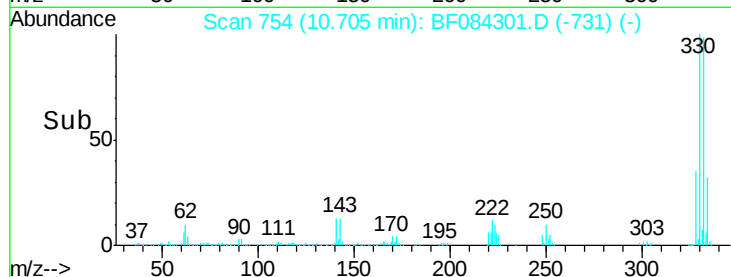
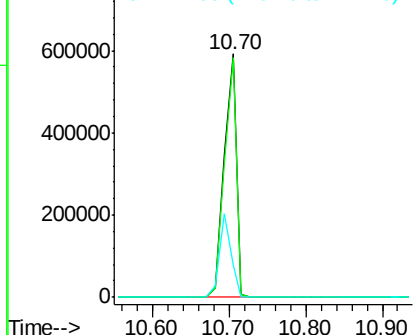
#41
 2,4,6-Tribromophenol
 Concen: 123.93 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.03 min
 Lab File: BF084301.D
 Acq: 6 Jan 2016 20:38

Instrument :
 BNA_F
 ClientSampleId :
 W-1A

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	114.8
141	32.6	27.8	41.6

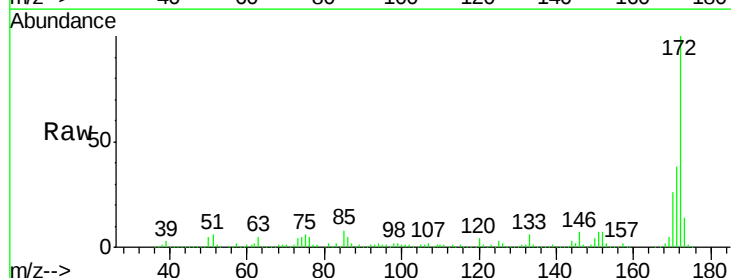


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

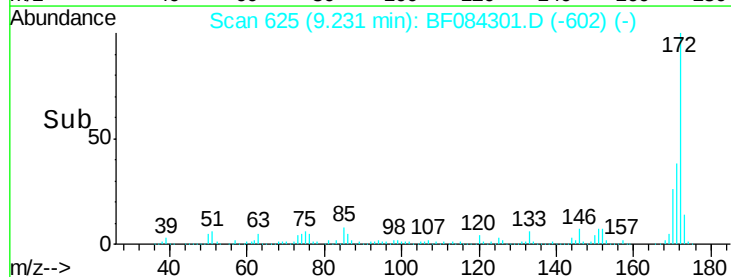
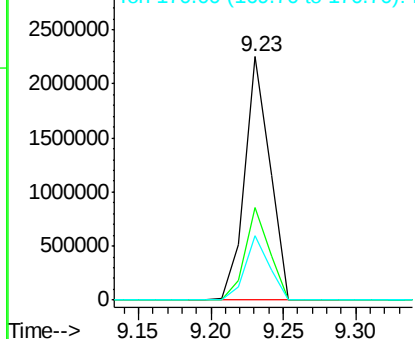


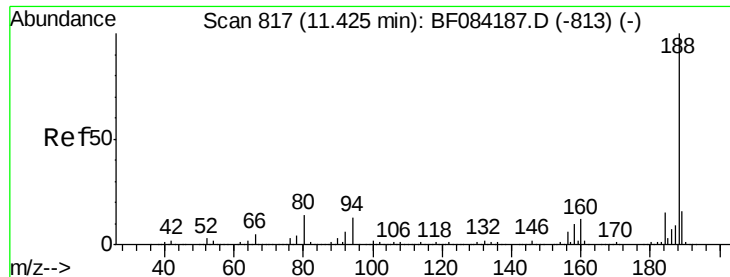
#44
 2-Fluorobiphenyl
 Concen: 88.96 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF084301.D
 Acq: 6 Jan 2016 20:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	28.9	43.3
170	26.2	18.6	27.8



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

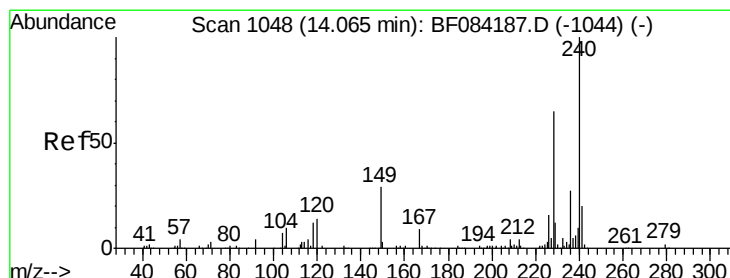
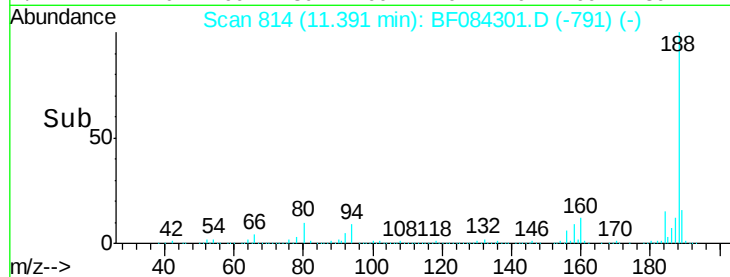
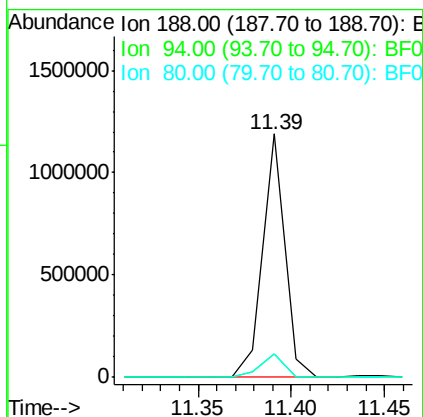
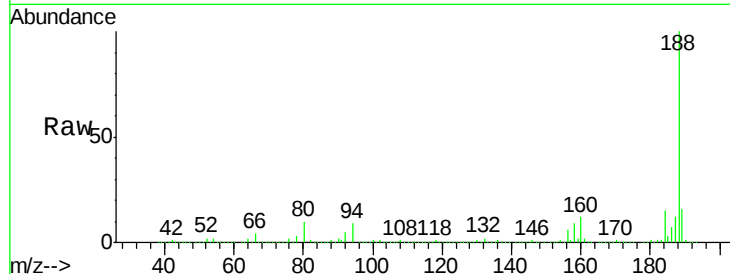




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.03 min
Lab File: BF084301.D
Acq: 6 Jan 2016 20:38

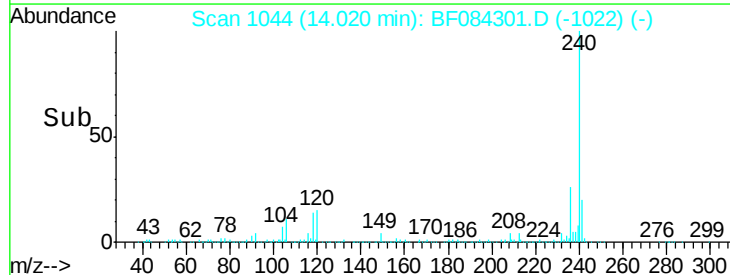
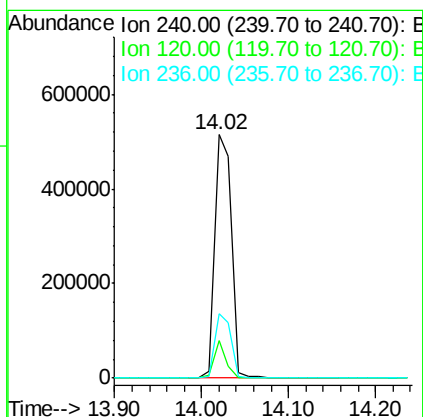
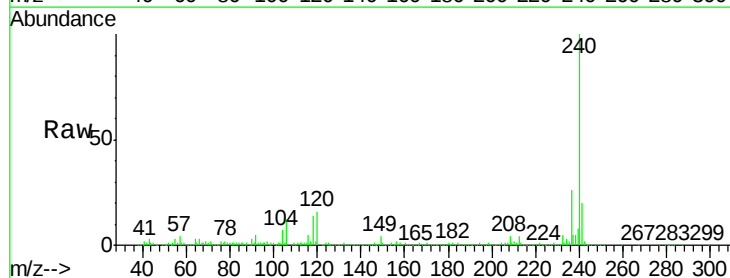
Instrument :
BNA_F
ClientSampleId :
W-1A

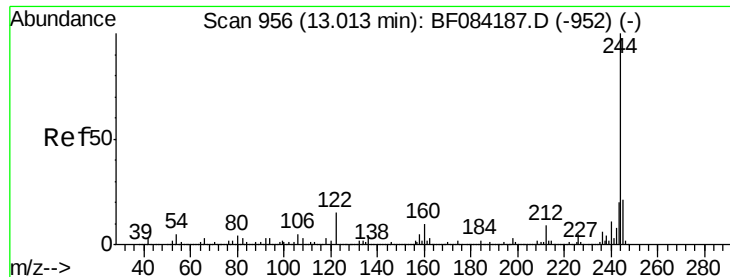
Tot Ion:188 Resp: 974860
Ion Ratio Lower Upper
188 100
94 9.4 9.0 13.4
80 9.8 9.6 14.4



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.05 min
Lab File: BF084301.D
Acq: 6 Jan 2016 20:38

Tgt Ion:240 Resp: 703387
Ion Ratio Lower Upper
240 100
120 15.5 9.5 14.3#
236 26.2 20.6 31.0





#78

Terphenyl-d14

Concen: 66.29 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.03 min

Lab File: BF084301.D

Acq: 6 Jan 2016 20:38

Instrument :

BNA_F

ClientSampled :

W-1A

Tot Ion:244 Resp: 2088747

Ion Ratio Lower Upper

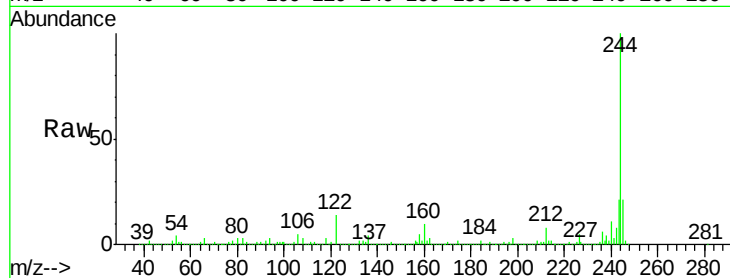
244 100

212 8.3

122 13.8

5.7 8.5

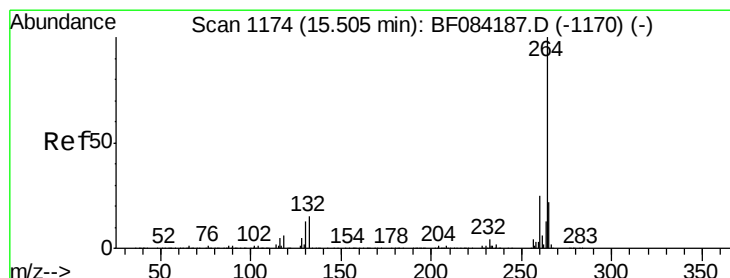
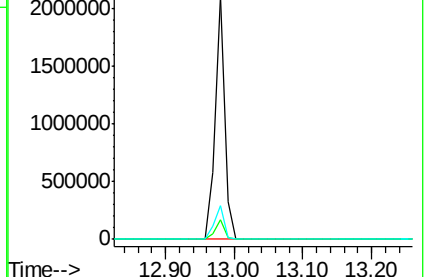
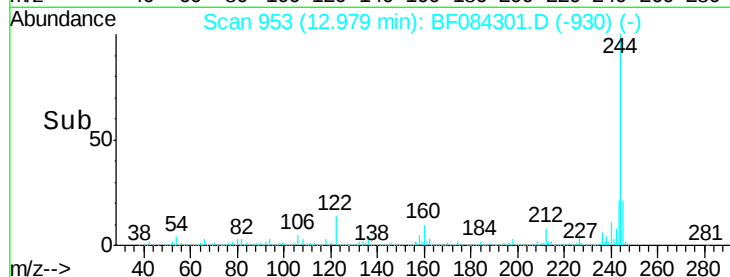
7.4 11.0#



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: 15.46 min Scan# 1170

Delta R.T. -0.05 min

Lab File: BF084301.D

Acq: 6 Jan 2016 20:38

Tgt Ion:264 Resp: 587892

Ion Ratio Lower Upper

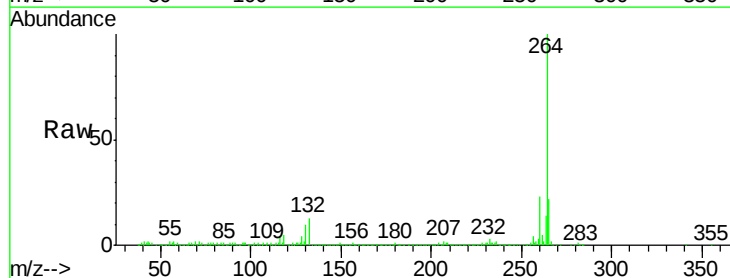
264 100

260 23.3

265 22.1

19.4 29.2

17.8 26.6



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

