

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010616\
 Data File : BF084299.D
 Acq On : 6 Jan 2016 19:43
 Operator : SJ/UM
 Sample : H1017-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-20

Quant Time: Jan 07 02:30:49 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	267264	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	1113647	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	500887	20.00	ng	-0.05
63) Phenanthrene-d10	11.39	188	924094	20.00	ng	-0.03
75) Chrysene-d12	14.03	240	774418	20.00	ng	-0.03
86) Perylene-d12	15.46	264	582436	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1051048	63.61	ng	-0.02
7) Phenol-d6	6.51	99	919220	44.29	ng	-0.02
23) Nitrobenzene-d5	7.44	82	1756125	87.76	ng	-0.03
41) 2,4,6-Tribromophenol	10.70	330	667258	131.95	ng	-0.03
44) 2-Fluorobiphenyl	9.23	172	2502984	88.14	ng	-0.03
78) Terphenyl-d14	12.98	244	2233926	64.39	ng	-0.03

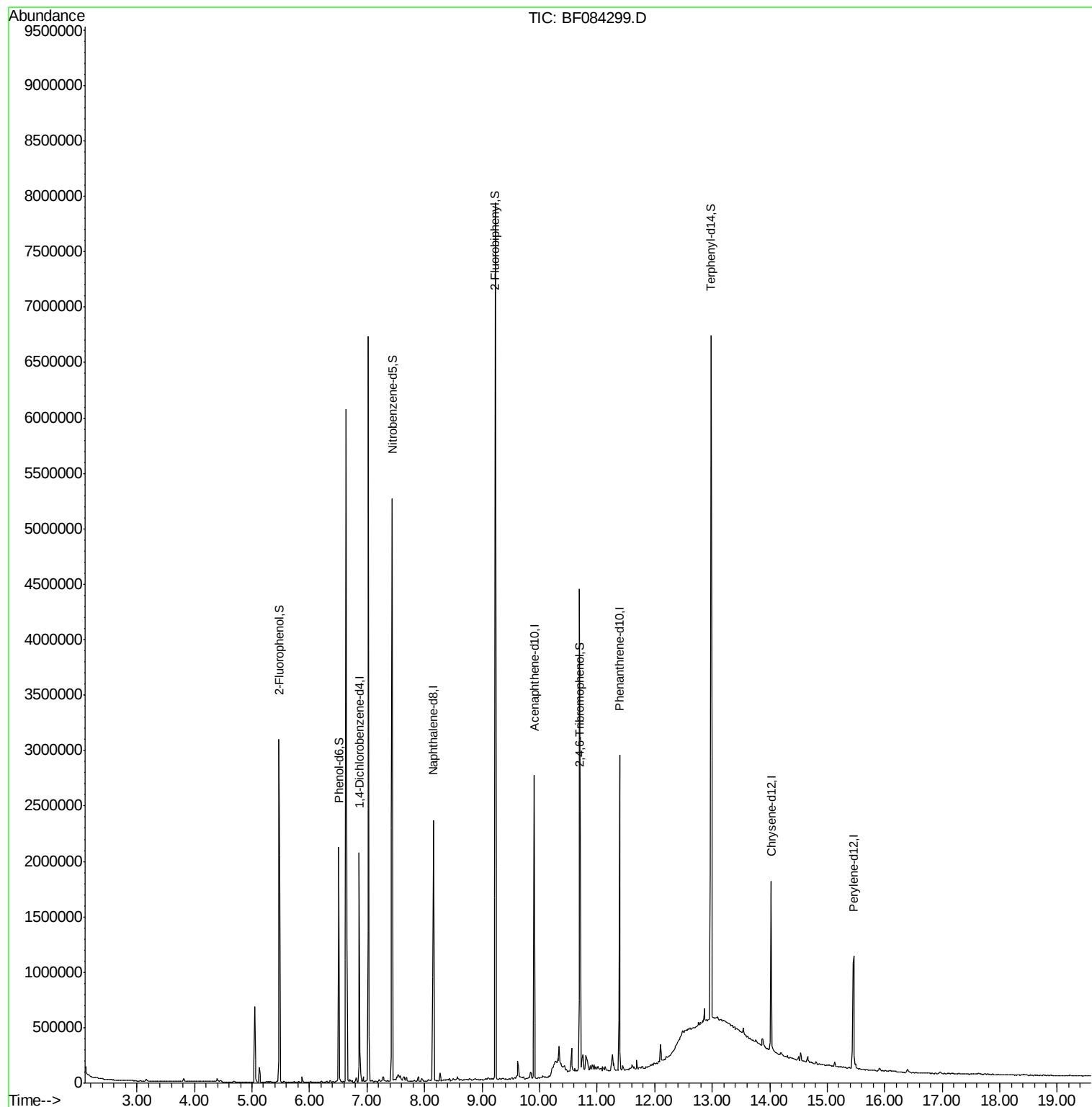
Target Compounds Qvalue

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

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Quant Time: Jan 07 02:30:49 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.03 min

Lab File: BF084299.D

Acq: 6 Jan 2016 19:43

Instrument :

BNA_F

ClientSampleId :

W-20

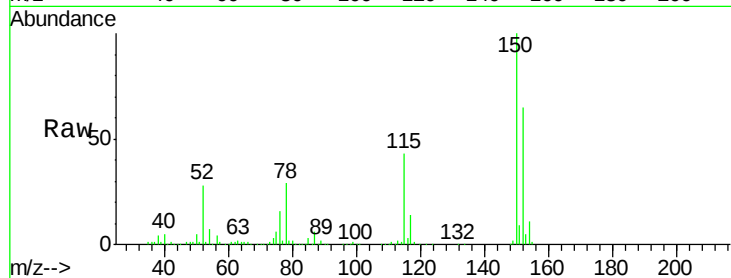
Tot Ion:152 Resp: 267264

Ion Ratio Lower Upper

152 100

150 154.8 123.0 184.4

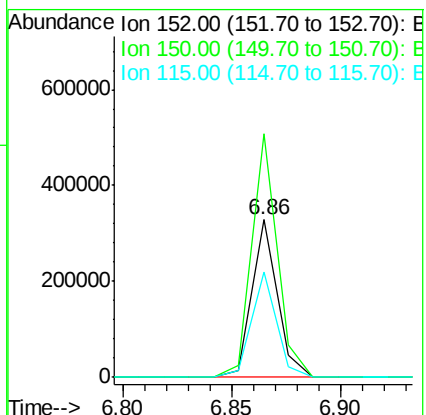
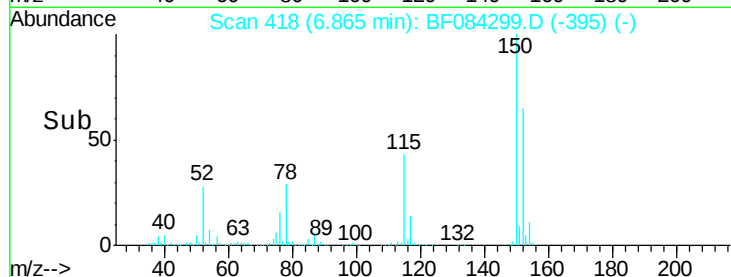
115 66.9 51.4 77.2



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: 63.61 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.02 min

Lab File: BF084299.D

Acq: 6 Jan 2016 19:43

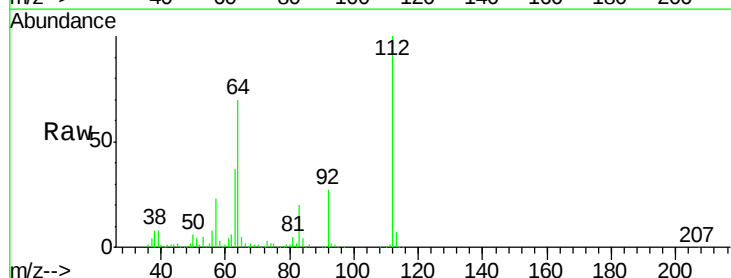
Tgt Ion:112 Resp: 1051048

Ion Ratio Lower Upper

112 100

64 70.2 36.6 55.0#

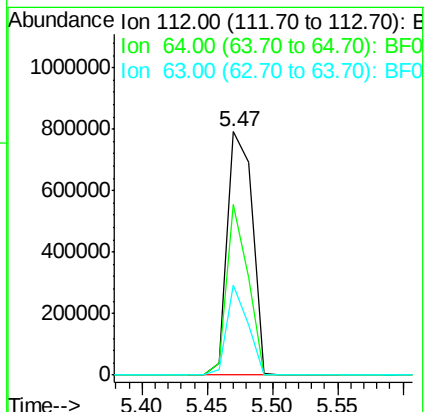
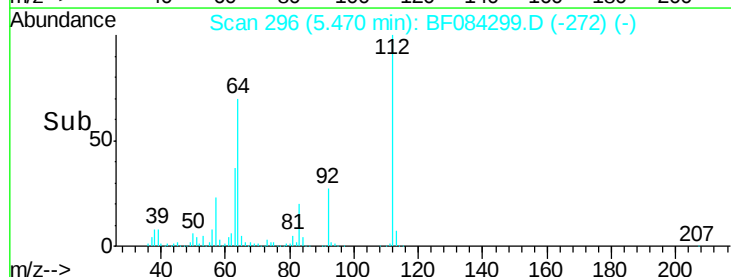
63 36.7 19.4 29.0#

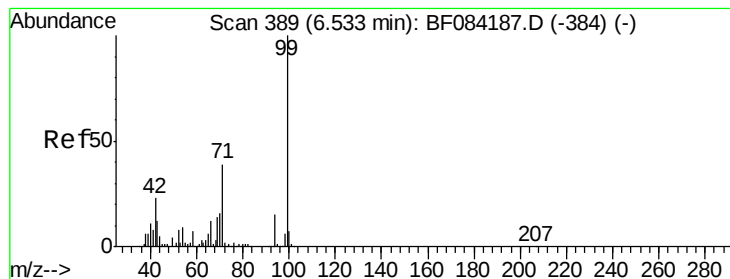


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 44.29 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF084299.D

Acq: 6 Jan 2016 19:43

Instrument :

BNA_F

ClientSampled :

W-20

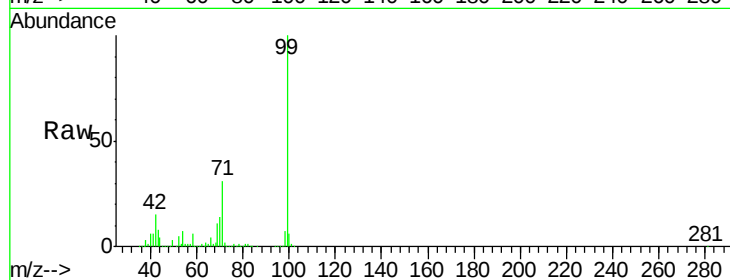
Tot Ion: 99 Resp: 919220

Ion Ratio Lower Upper

99 100

42 15.3 12.8 19.2

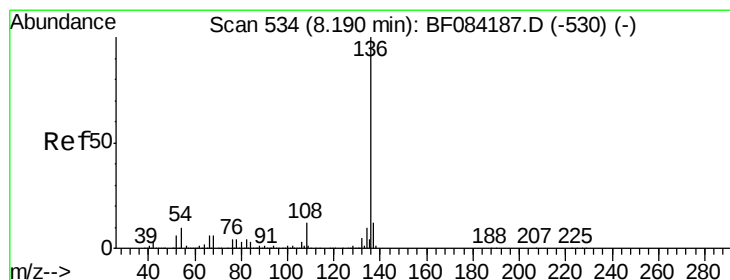
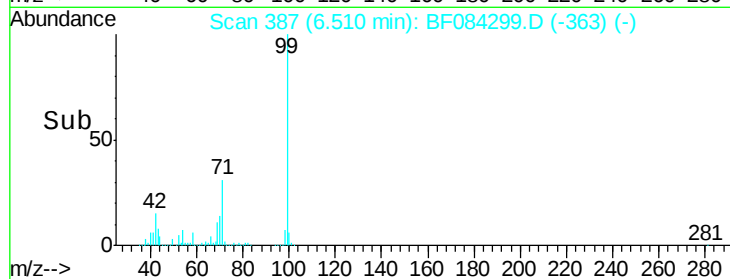
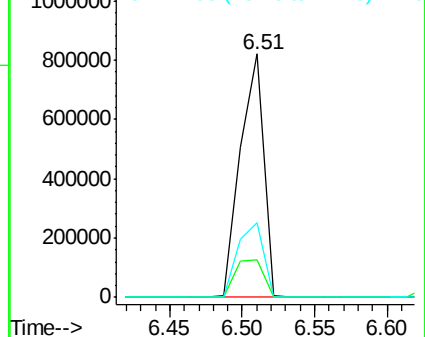
71 30.8 30.9 46.3#



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: BF084299.D

Acq: 6 Jan 2016 19:43

Tgt Ion: 136 Resp: 1113647

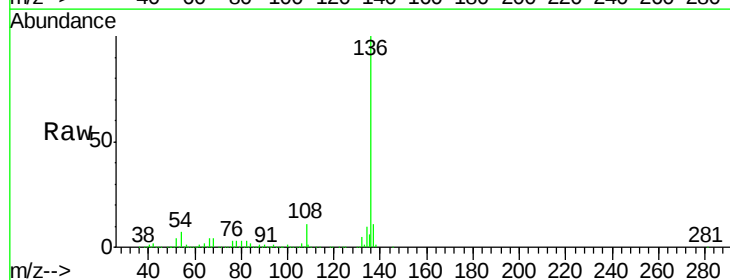
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 7.2 5.8 8.8

68 4.5 4.2 6.2

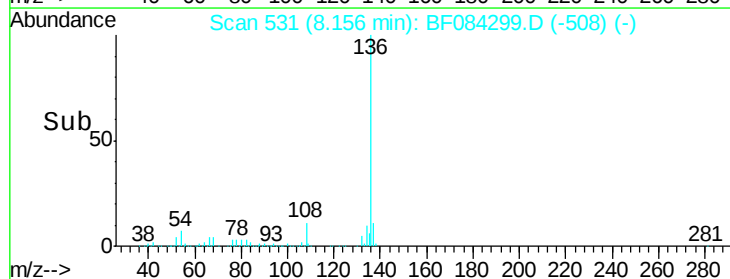
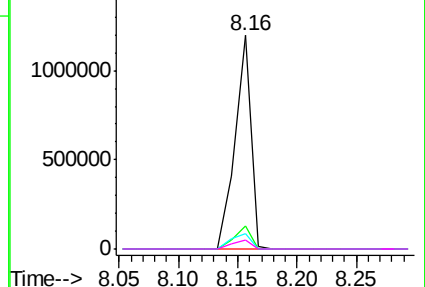


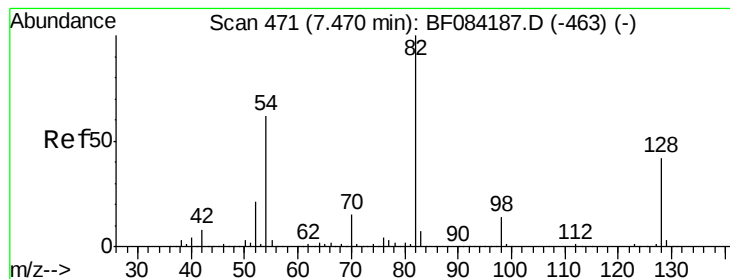
Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.76 ng

RT: 7.44 min Scan# 468

Delta R.T. -0.03 min

Lab File: BF084299.D

Acq: 6 Jan 2016 19:43

Instrument :

BNA_F

ClientSampleId :

W-20

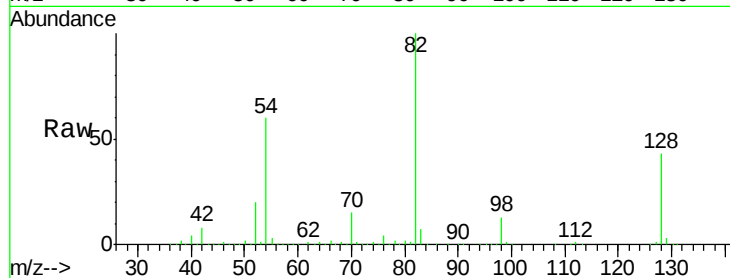
Tot Ion: 82 Resp: 1756125

Ion Ratio Lower Upper

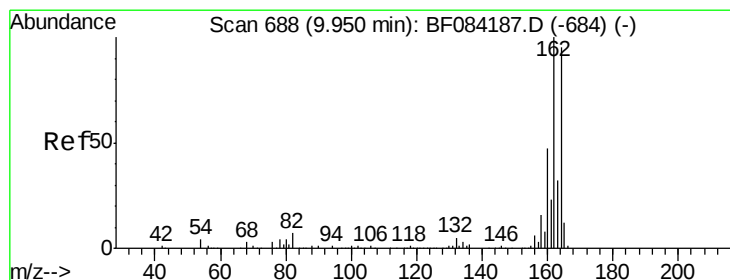
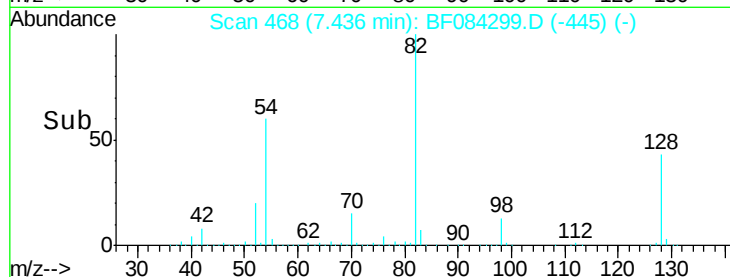
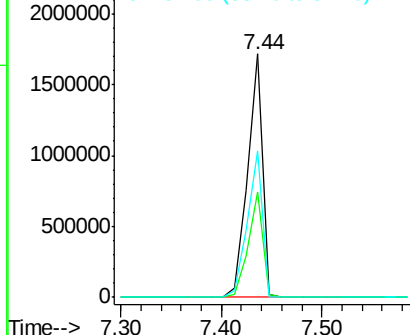
82 100

128 43.1 34.6 51.8

54 60.0 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: BF084299.D

Acq: 6 Jan 2016 19:43

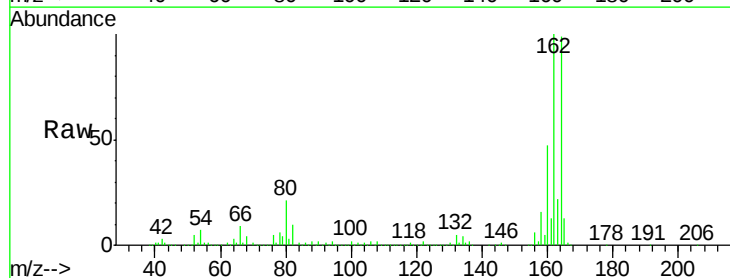
Tgt Ion:164 Resp: 500887

Ion Ratio Lower Upper

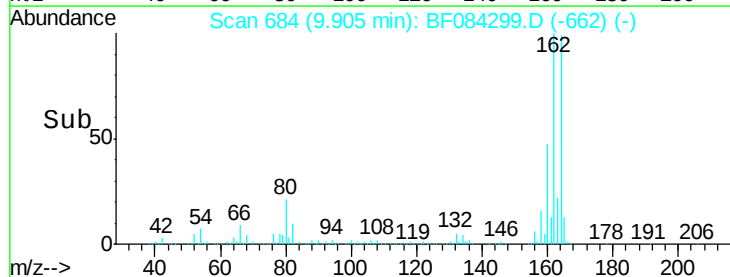
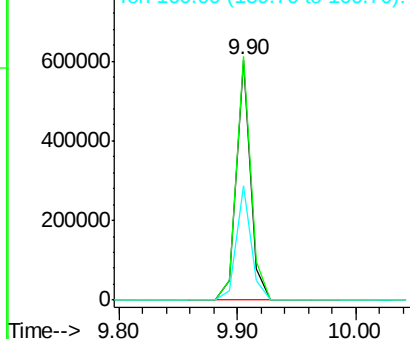
164 100

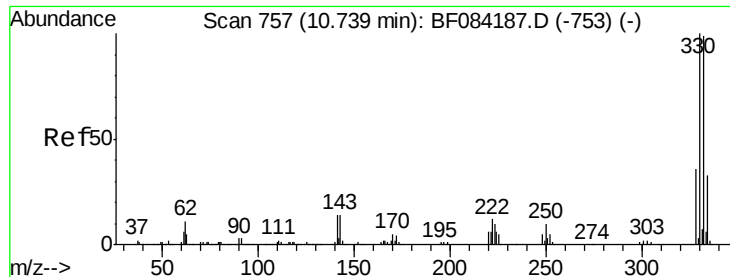
162 101.4 85.1 127.7

160 47.7 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

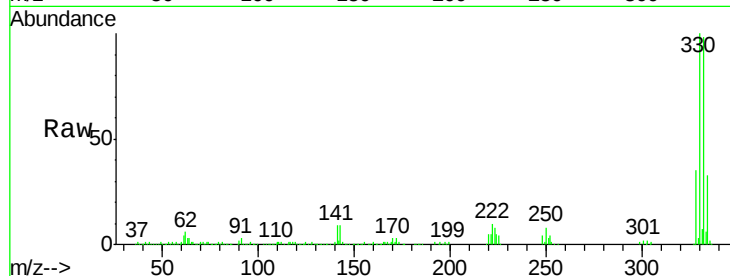




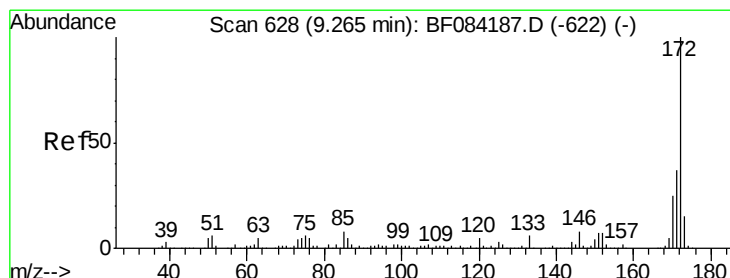
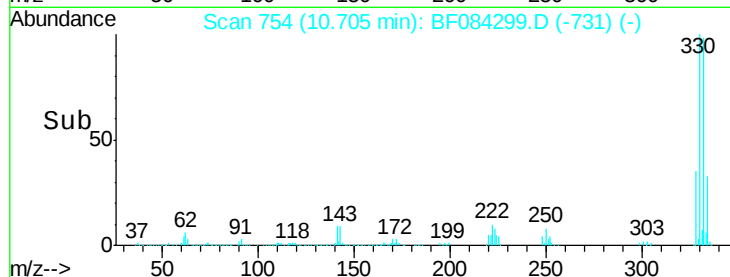
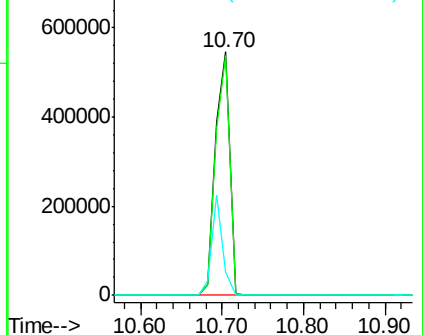
#41
 2,4,6-Tribromophenol
 Concen: 131.95 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.03 min
 Lab File: BF084299.D
 Acq: 6 Jan 2016 19:43

Instrument :
 BNA_F
 ClientSampleId :
 W-20

Tot Ion:330 Resp: 667258
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 114.8
 141 32.5 27.8 41.6

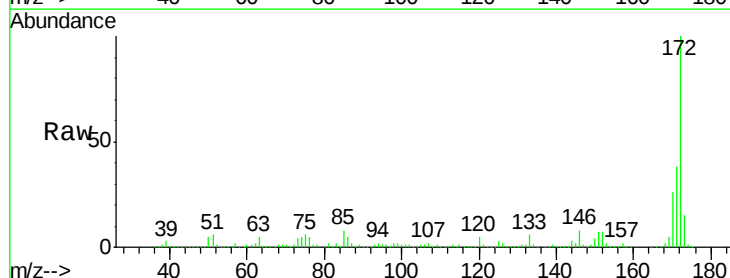


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

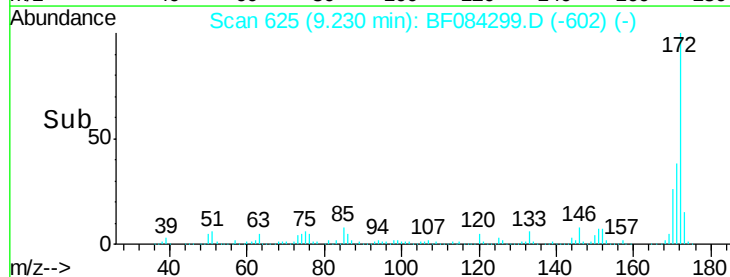
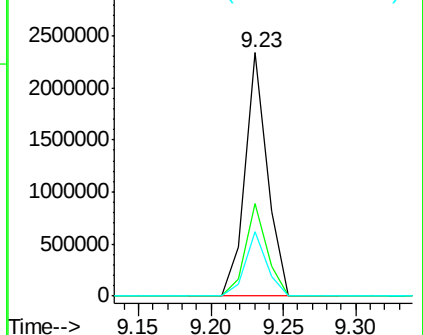


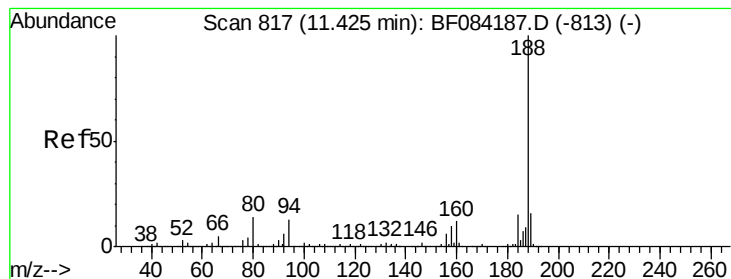
#44
 2-Fluorobiphenyl
 Concen: 88.14 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF084299.D
 Acq: 6 Jan 2016 19:43

Tgt Ion:172 Resp: 2502984
 Ion Ratio Lower Upper
 172 100
 171 37.9 28.9 43.3
 170 26.5 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: BF084299.D

Acq: 6 Jan 2016 19:43

Instrument :

BNA_F

ClientSampleId :

W-20

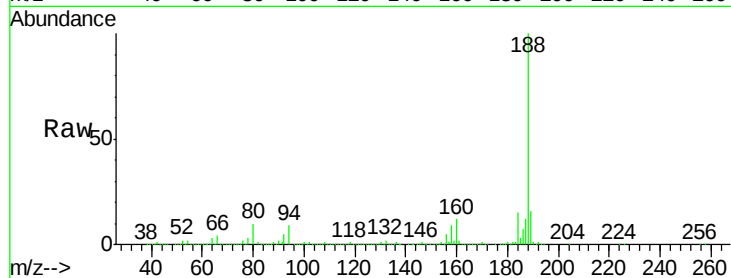
Tot Ion:188 Resp: 924094

Ion Ratio Lower Upper

188 100

94 9.5 9.0 13.4

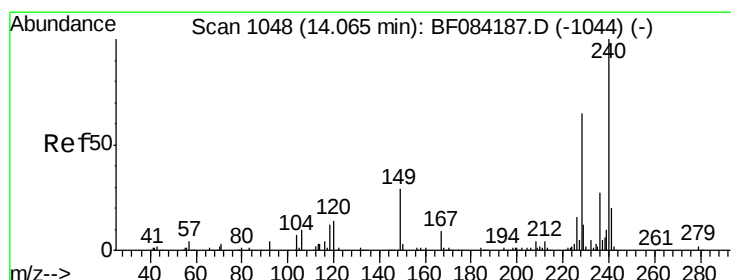
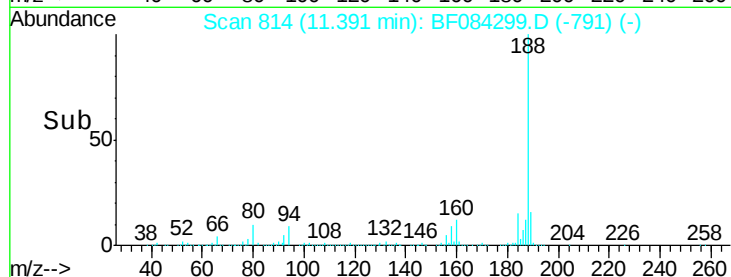
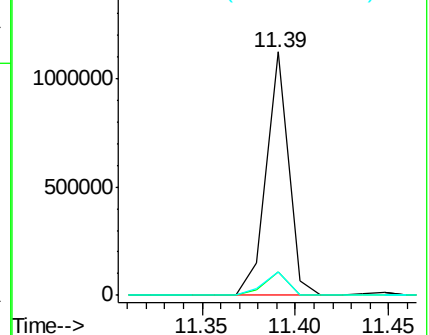
80 9.8 9.6 14.4



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: 14.03 min Scan# 1045

Delta R.T. -0.03 min

Lab File: BF084299.D

Acq: 6 Jan 2016 19:43

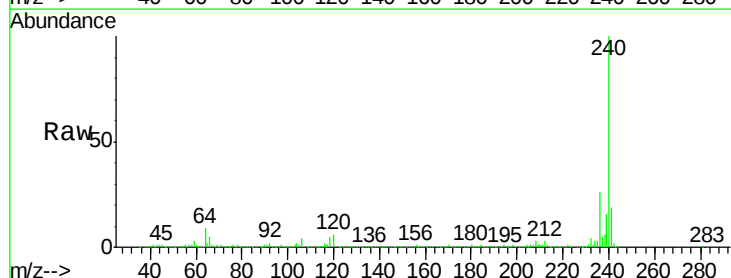
Tgt Ion:240 Resp: 774418

Ion Ratio Lower Upper

240 100

120 5.5 9.5 14.3#

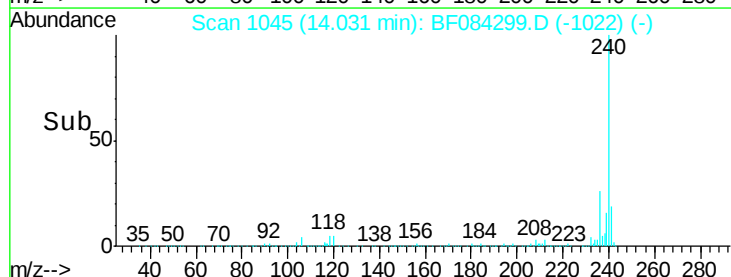
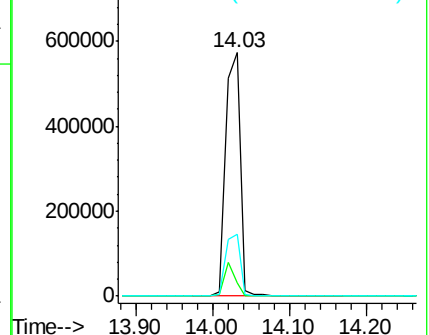
236 25.6 20.6 31.0

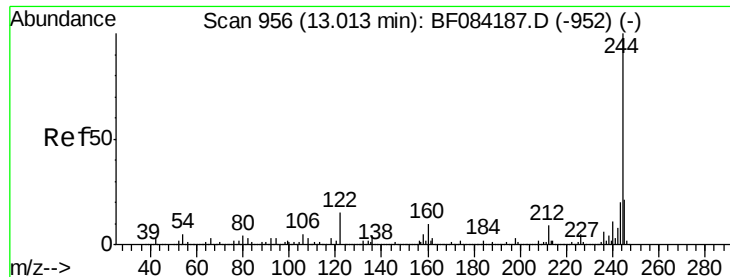


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 64.39 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.03 min

Lab File: BF084299.D

Acq: 6 Jan 2016 19:43

Instrument :

BNA_F

ClientSampled :

W-20

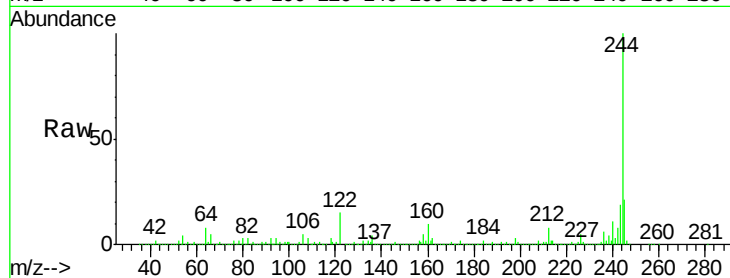
Tot Ion:244 Resp: 2233926

Ion Ratio Lower Upper

244 100

212 8.2 5.7 8.5

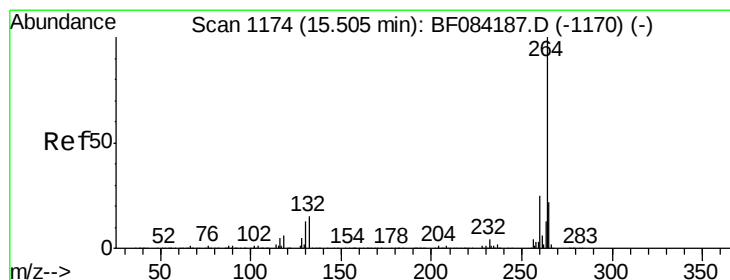
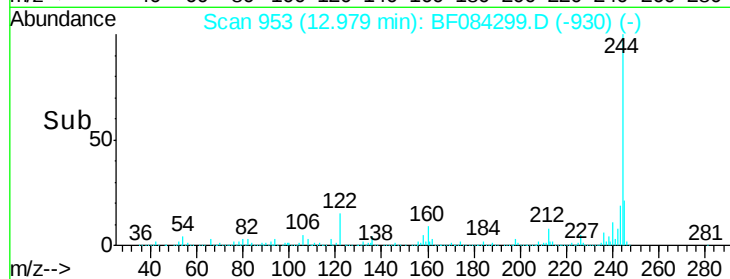
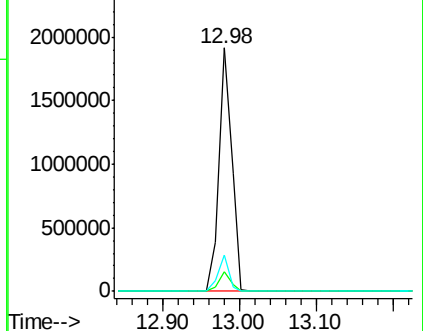
122 14.9 7.4 11.0#



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: BF084299.D

Acq: 6 Jan 2016 19:43

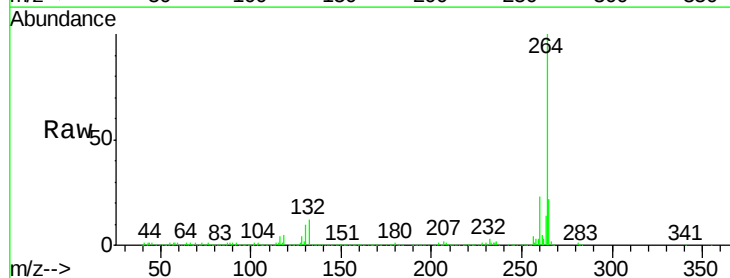
Tgt Ion:264 Resp: 582436

Ion Ratio Lower Upper

264 100

260 22.8 19.4 29.2

265 21.5 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

