

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011216\
 Data File : BF084440.D
 Acq On : 13 Jan 2016 5:38
 Operator : SJ/UM
 Sample : H1078-17
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW2-20

Quant Time: Jan 13 07:34:11 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	6.84	152	266220	20.00	ng	-0.06
21) Naphthalene-d8	8.12	136	998629	20.00	ng	-0.07
38) Acenaphthene-d10	9.88	164	479637	20.00	ng	-0.07
63) Phenanthrene-d10	11.37	188	816113	20.00	ng	-0.06
75) Chrysene-d12	14.00	240	517602	20.00	ng	-0.07
86) Perylene-d12	15.43	264	468374	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	785460	47.72	ng	-0.04
7) Phenol-d6	6.48	99	589108	28.50	ng	-0.06
23) Nitrobenzene-d5	7.41	82	1598634	89.09	ng	-0.06
41) 2,4,6-Tribromophenol	10.67	330	458229	94.63	ng	-0.07
44) 2-Fluorobiphenyl	9.21	172	2453056	90.37	ng	-0.06
78) Terphenyl-d14	12.96	244	2084617	89.90	ng	-0.06

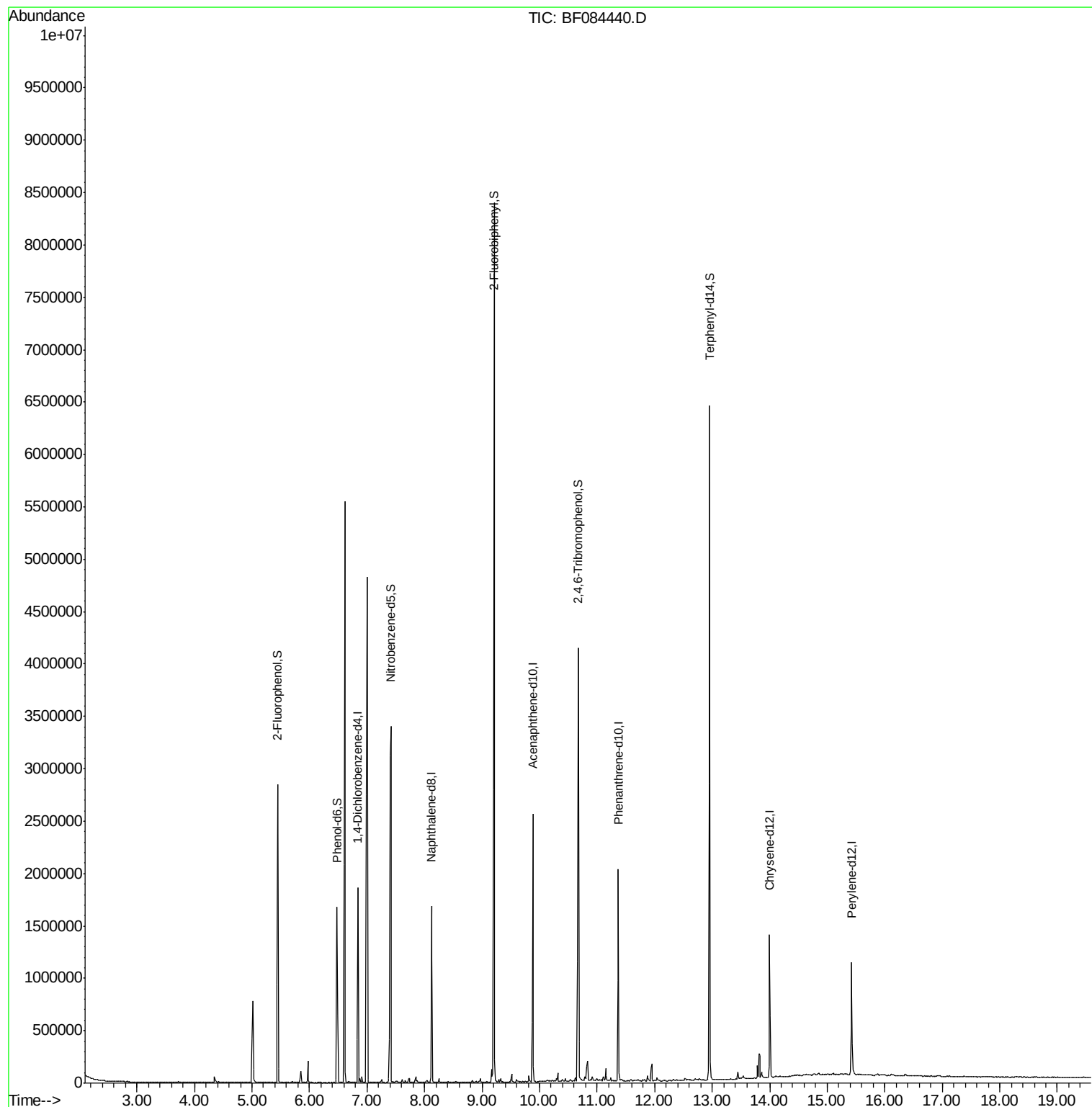
Target Compounds Qvalue

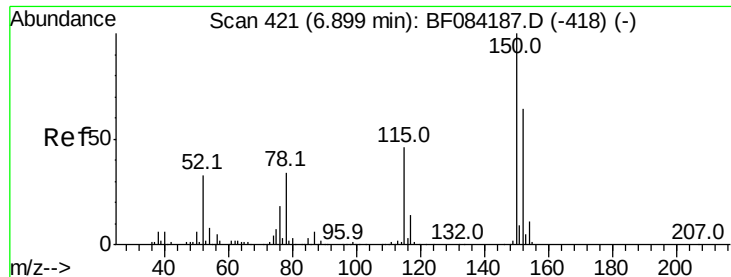
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TE-PMW2-20

Quant Time: Jan 13 07:34:11 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: 6.84 min Scan# 416

Delta R.T. -0.06 min

Lab File: BF084440.D

Acq: 13 Jan 2016 5:38

Instrument :

BNA_F

ClientSampleId :

TE-PMW2-20

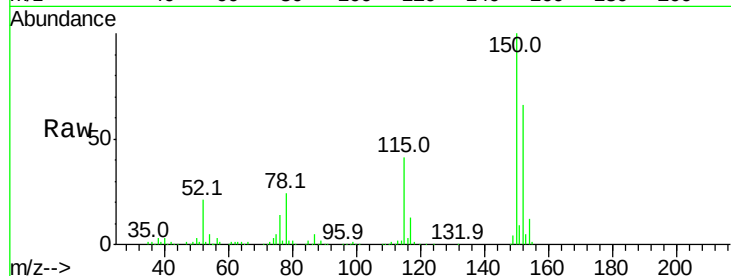
Tot Ion:152 Resp: 266220

Ion Ratio Lower Upper

152 100

150 150.7 123.0 184.4

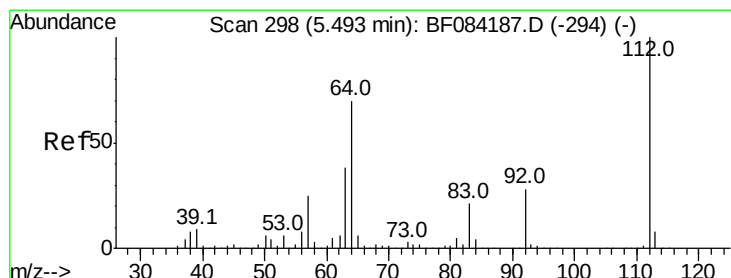
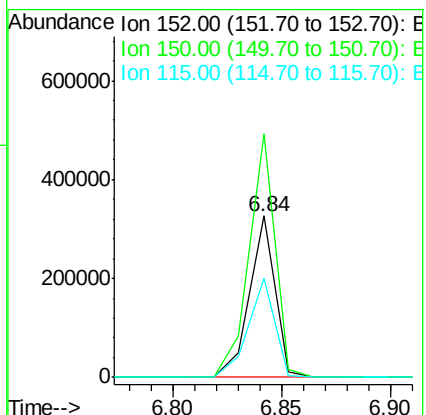
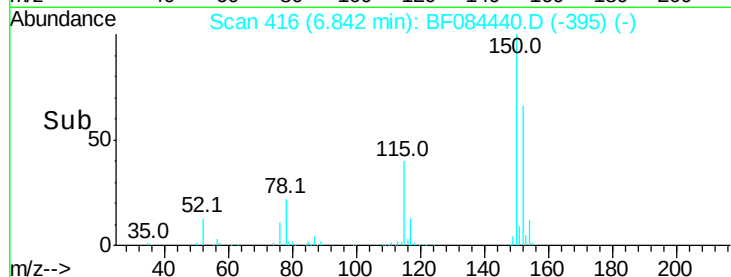
115 61.1 51.4 77.2



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: 47.72 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.04 min

Lab File: BF084440.D

Acq: 13 Jan 2016 5:38

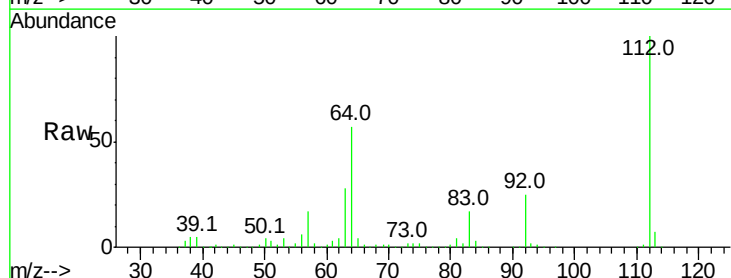
Tgt Ion:112 Resp: 785460

Ion Ratio Lower Upper

112 100

64 57.3 36.6 55.0#

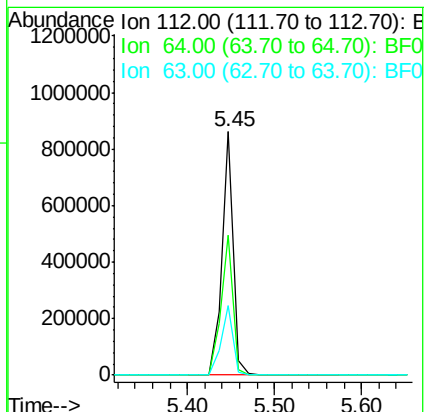
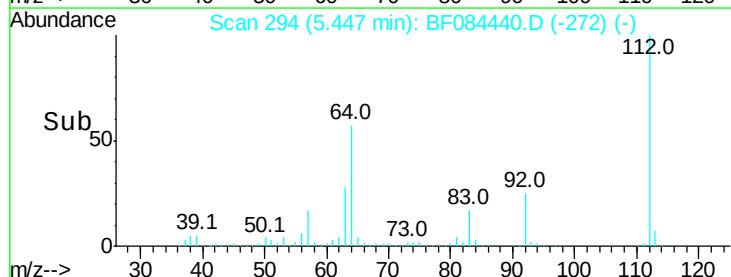
63 28.4 19.4 29.0

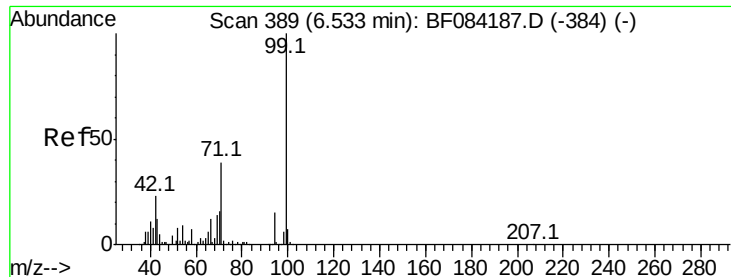


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 28.50 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.06 min

Lab File: BF084440.D

Acq: 13 Jan 2016 5:38

Instrument :

BNA_F

ClientSampleId :

TE-PMW2-20

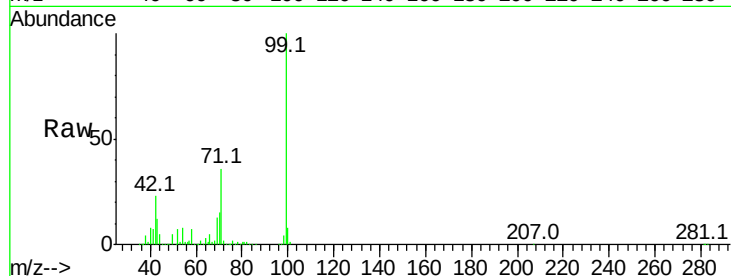
Tot Ion: 99 Resp: 589108

Ion Ratio Lower Upper

99 100

42 22.6 12.8 19.2#

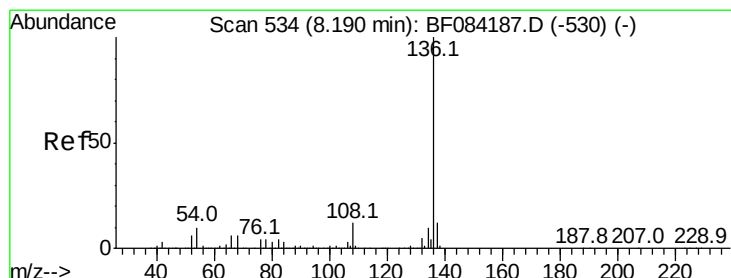
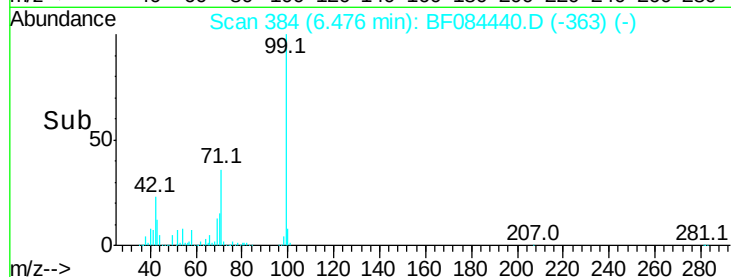
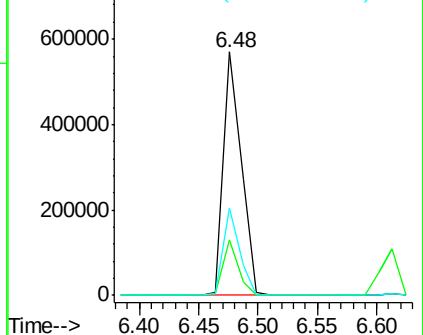
71 35.8 30.9 46.3



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: 8.12 min Scan# 528

Delta R.T. -0.07 min

Lab File: BF084440.D

Acq: 13 Jan 2016 5:38

Tgt Ion: 136 Resp: 998629

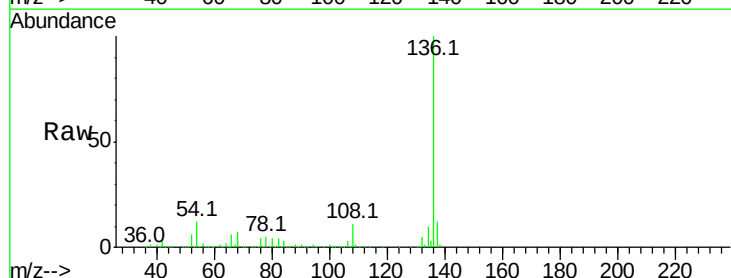
Ion Ratio Lower Upper

136 100

137 11.7 8.7 13.1

54 11.7 5.8 8.8#

68 7.3 4.2 6.2#

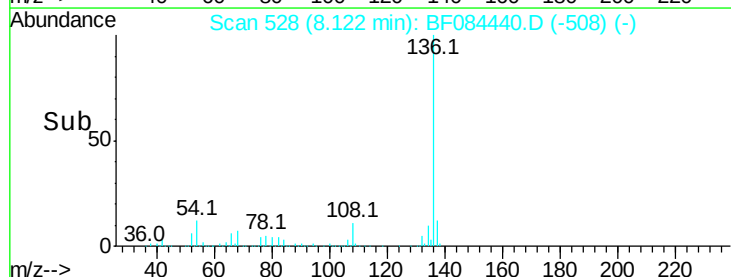
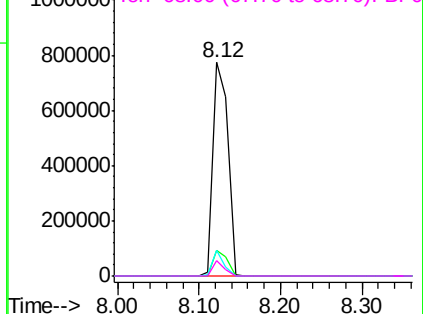


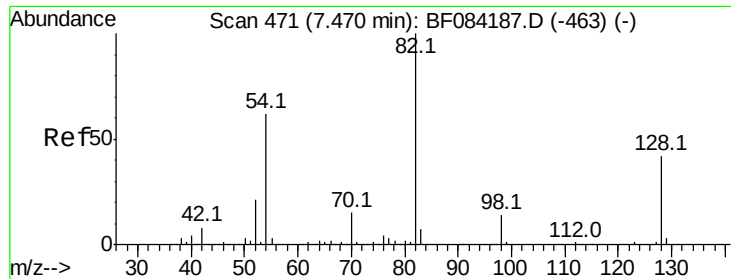
Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.09 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.06 min

Lab File: BF084440.D

Acq: 13 Jan 2016 5:38

Instrument :

BNA_F

ClientSampleId :

TE-PMW2-20

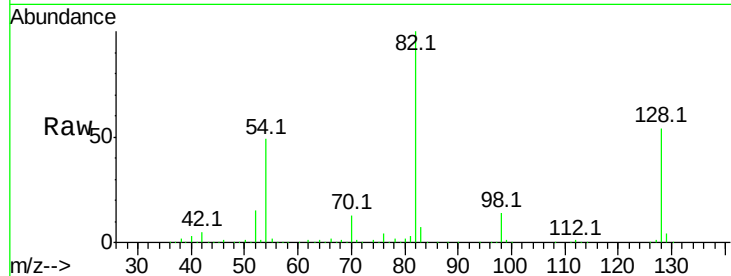
Tot Ion: 82 Resp: 1598634

Ion Ratio Lower Upper

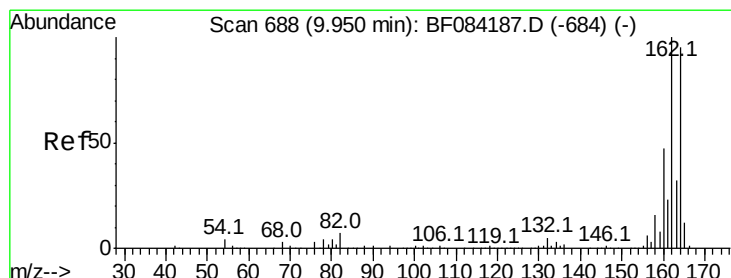
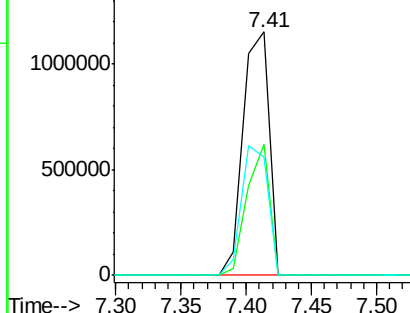
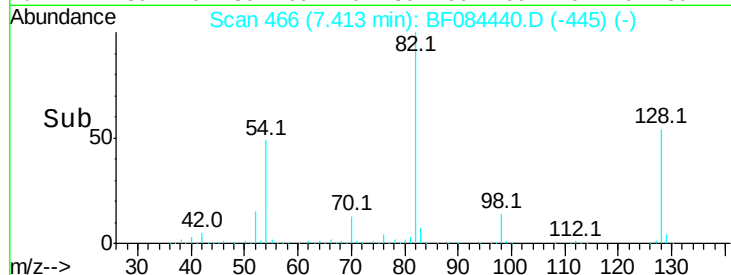
82 100

128 53.8 34.6 51.8#

54 48.6 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: 9.88 min Scan# 682

Delta R.T. -0.07 min

Lab File: BF084440.D

Acq: 13 Jan 2016 5:38

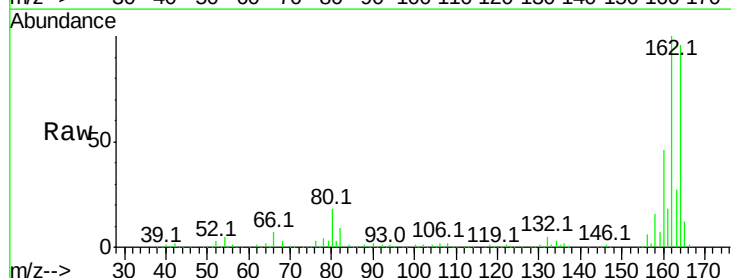
Tgt Ion:164 Resp: 479637

Ion Ratio Lower Upper

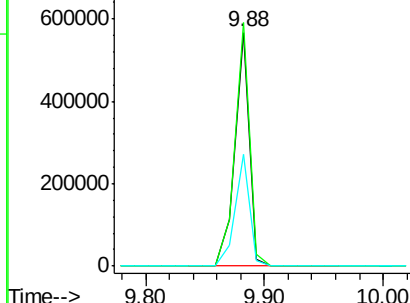
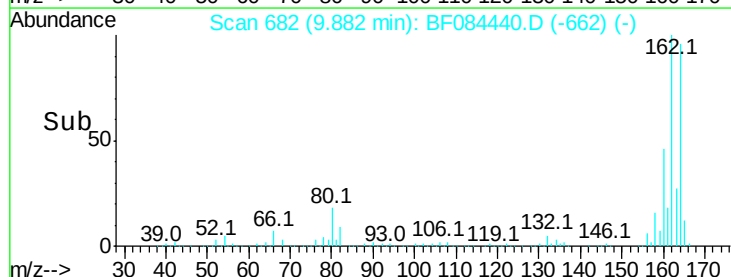
164 100

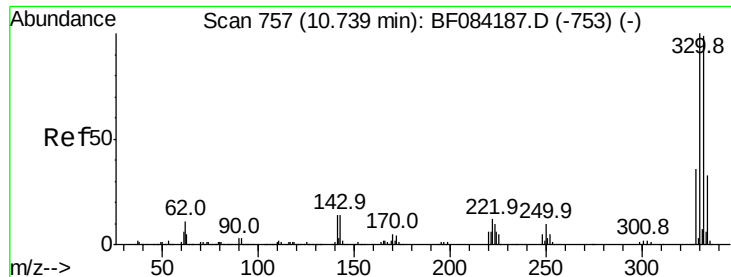
162 104.3 85.1 127.7

160 47.9 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

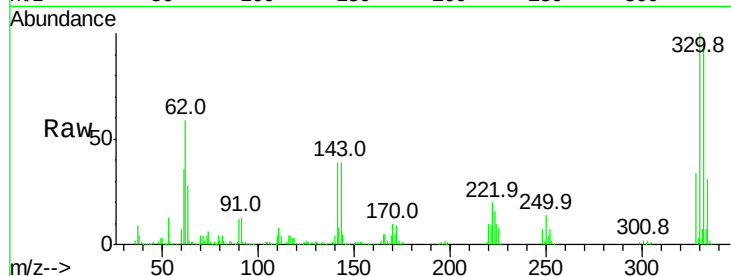




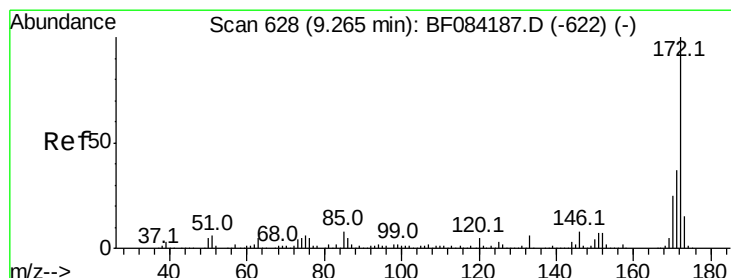
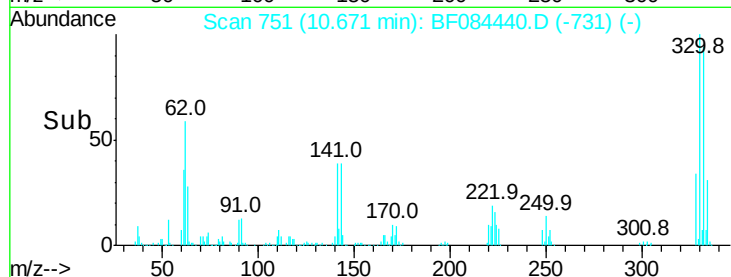
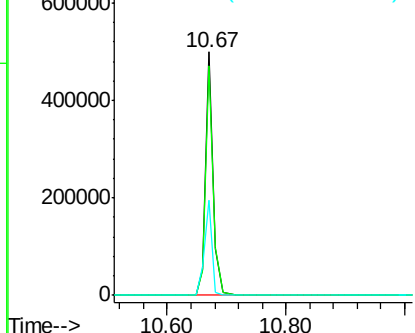
#41
 2,4,6-Tribromophenol
 Concen: 94.63 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.07 min
 Lab File: BF084440.D
 Acq: 13 Jan 2016 5:38

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW2-20

Tot Ion:330 Resp: 458229
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 114.8
 141 39.5 27.8 41.6

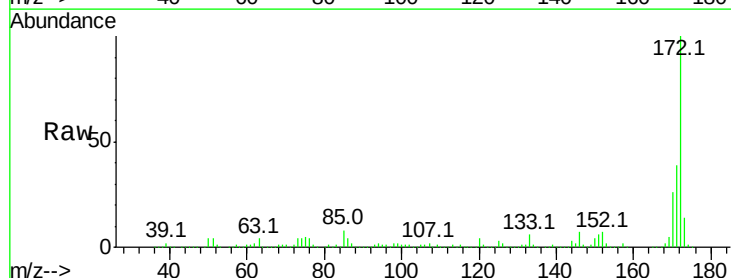


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

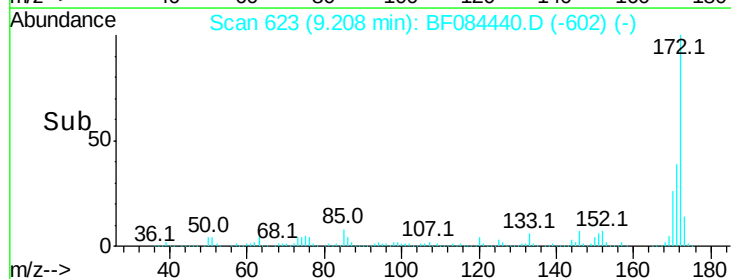
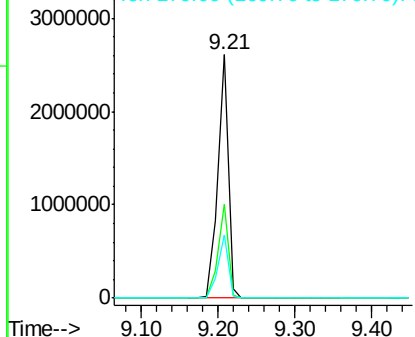


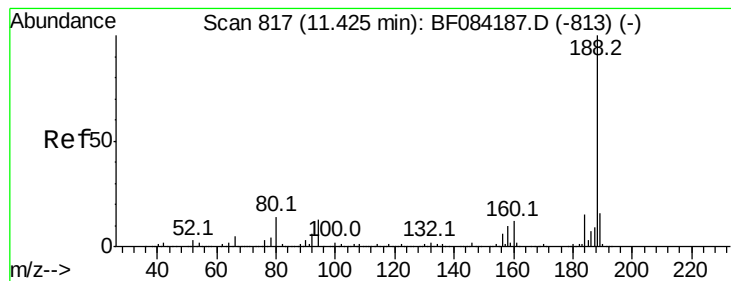
#44
 2-Fluorobiphenyl
 Concen: 90.37 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.06 min
 Lab File: BF084440.D
 Acq: 13 Jan 2016 5:38

Tgt Ion:172 Resp: 2453056
 Ion Ratio Lower Upper
 172 100
 171 38.6 28.9 43.3
 170 26.1 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: 11.37 min Scan# 812

Delta R.T. -0.06 min

Lab File: BF084440.D

Acq: 13 Jan 2016 5:38

Instrument :

BNA_F

ClientSampleId :

TE-PMW2-20

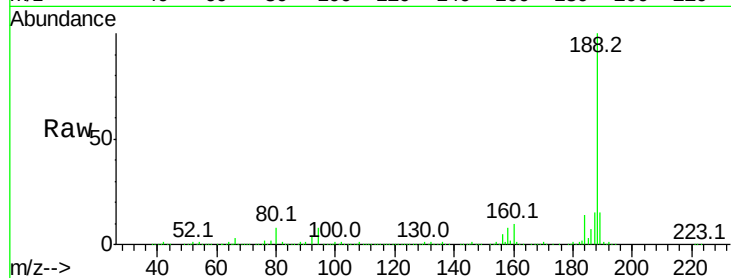
Tot Ion:188 Resp: 816113

Ion Ratio Lower Upper

188 100

94 8.0 9.0 13.4#

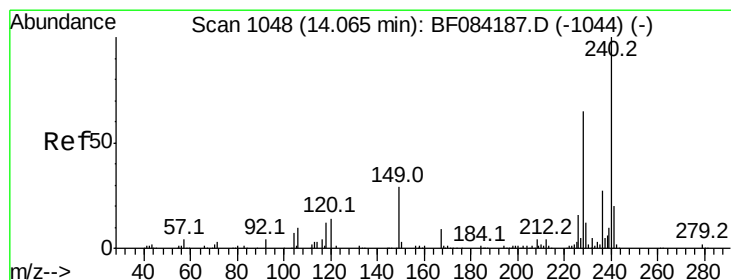
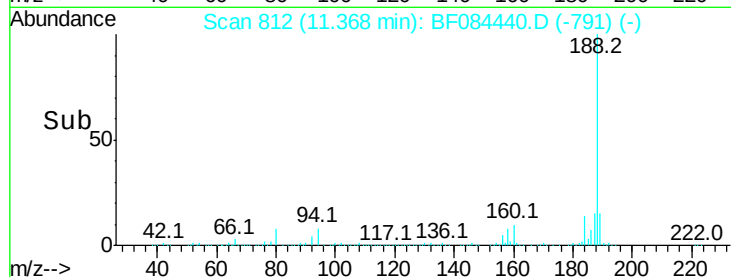
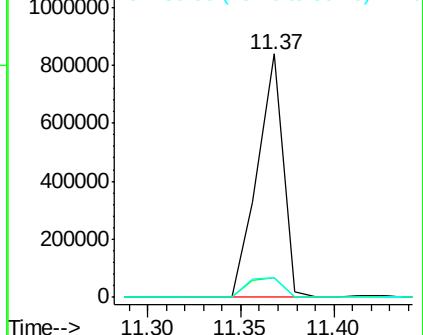
80 7.9 9.6 14.4#



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: 14.00 min Scan# 1042

Delta R.T. -0.07 min

Lab File: BF084440.D

Acq: 13 Jan 2016 5:38

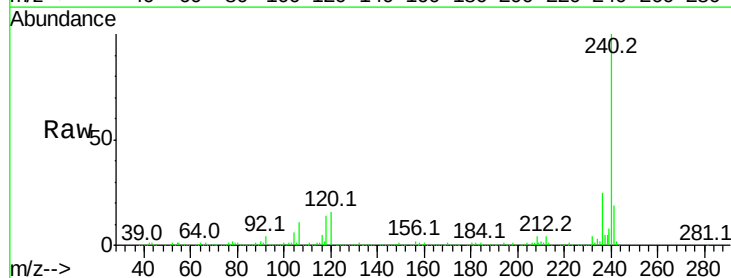
Tgt Ion:240 Resp: 517602

Ion Ratio Lower Upper

240 100

120 15.9 9.5 14.3#

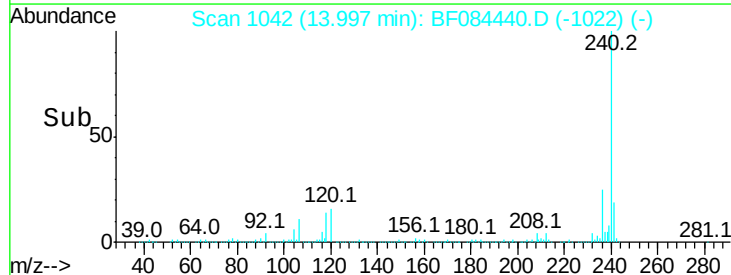
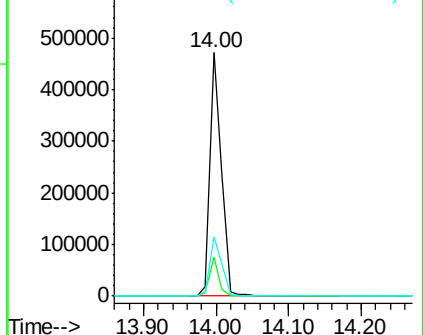
236 24.6 20.6 31.0

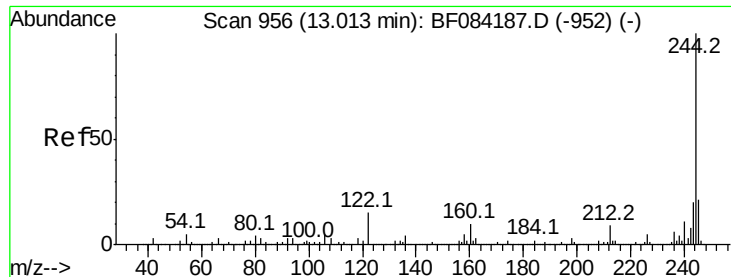


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

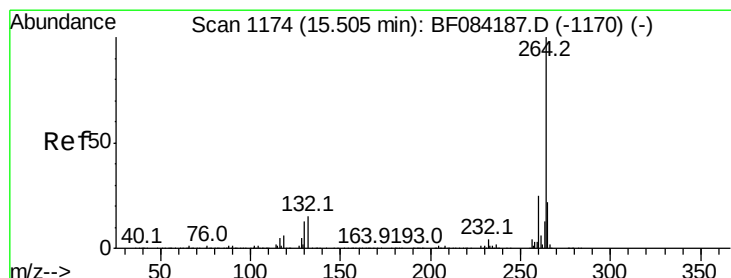
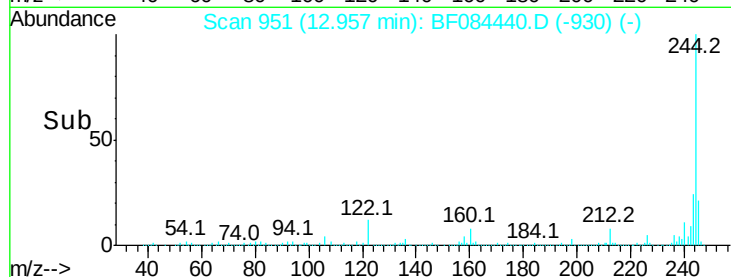
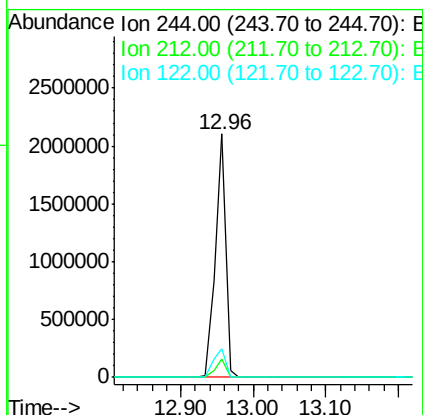
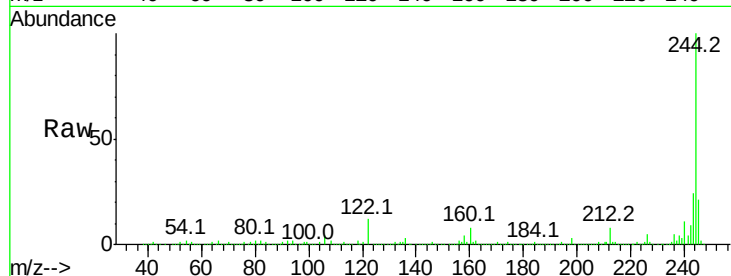




#78
 Terphenyl-d14
 Concen: 89.90 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.06 min
 Lab File: BF084440.D
 Acq: 13 Jan 2016 5:38

Instrument :
 BNA_F
 ClientSampled :
 TE-PMW2-20

Tot Ion:244 Resp: 2084617
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.7 8.5
 122 11.9 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1167
 Delta R.T. -0.08 min
 Lab File: BF084440.D
 Acq: 13 Jan 2016 5:38

Tgt Ion:264 Resp: 468374
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.2
 265 22.0 17.8 26.6

