

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082415\
 Data File : BF081172.D
 Acq On : 24 Aug 2015 16:53
 Operator : UM/IZ
 Sample : PB85134TB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85134TB

Quant Time: Aug 24 23:25:26 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 13:58:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	105089	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	420374	20.00	ng	0.00
38) Acenaphthene-d10	9.57	164	196281	20.00	ng	-0.01
63) Phenanthrene-d10	11.04	188	414070	20.00	ng	0.00
75) Chrysene-d12	13.65	240	341982	20.00	ng	-0.01
86) Perylene-d12	14.99	264	247144	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	511113	73.15	ng	0.02
7) Phenol-d6	6.20	99	717026	78.65	ng	0.00
23) Nitrobenzene-d5	7.11	82	398978	43.36	ng	-0.01
41) 2,4,6-Tribromophenol	10.36	330	124352	73.09	ng	0.00
44) 2-Fluorobiphenyl	8.90	172	627066	41.86	ng	0.00
78) Terphenyl-d14	12.62	244	628137	39.38	ng	-0.01

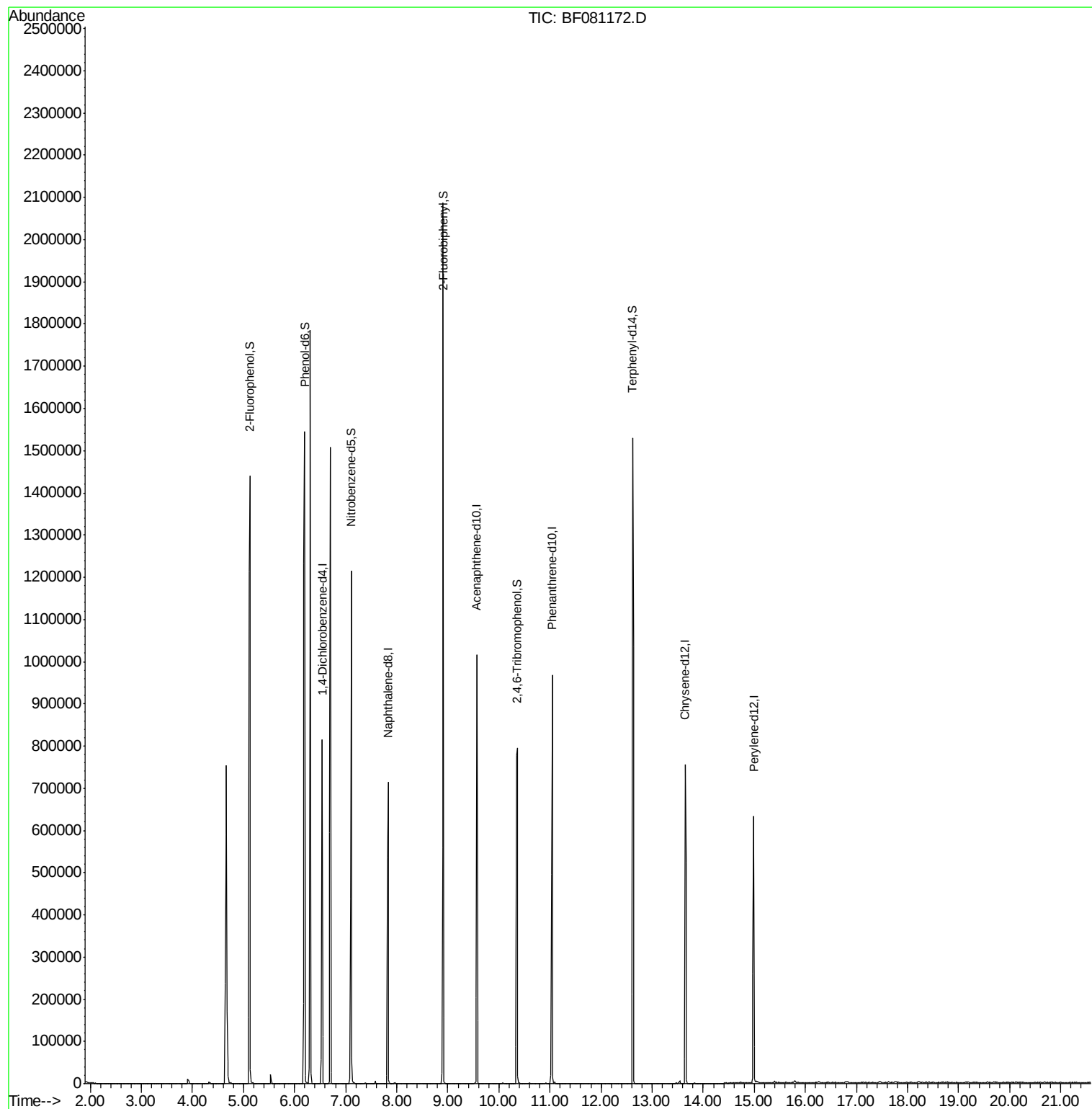
Target Compounds	Qvalue
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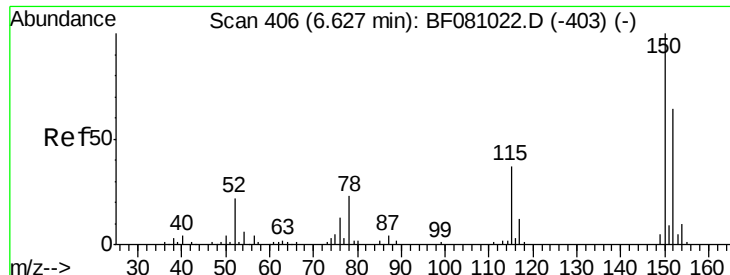
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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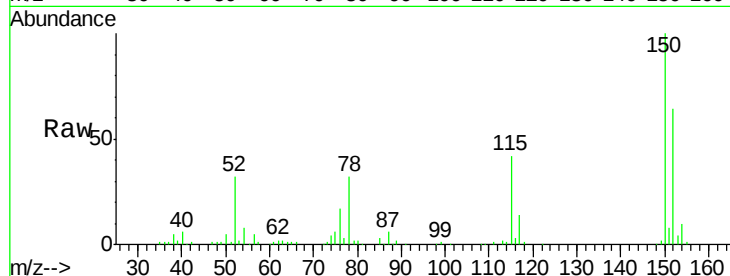


#1

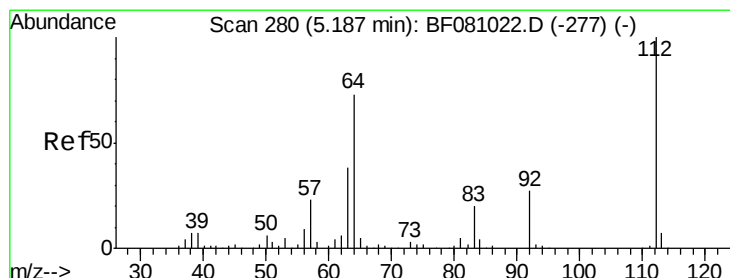
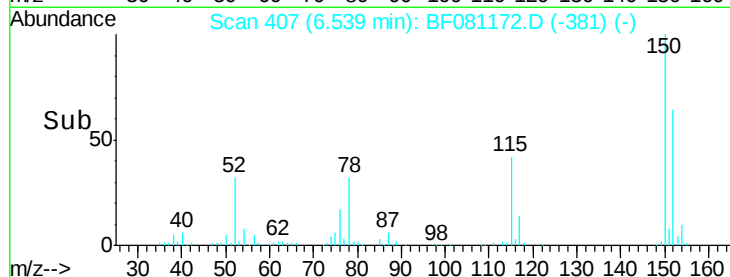
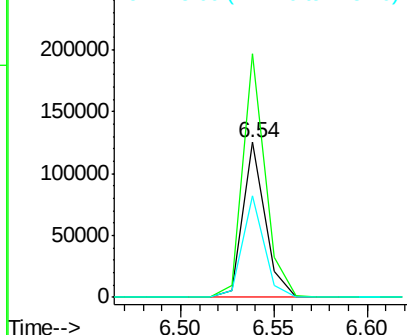
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.54 min Scan# 407
Delta R.T. -0.00 min
Lab File: BF081172.D
Acq: 24 Aug 2015 16:53

Instrument :
BNA_F
ClientSampleId :
PB85134TB

Tgt Ion:152 Resp: 105089
Ion Ratio Lower Upper
152 100
150 157.0 123.8 185.6
115 65.6 52.1 78.1



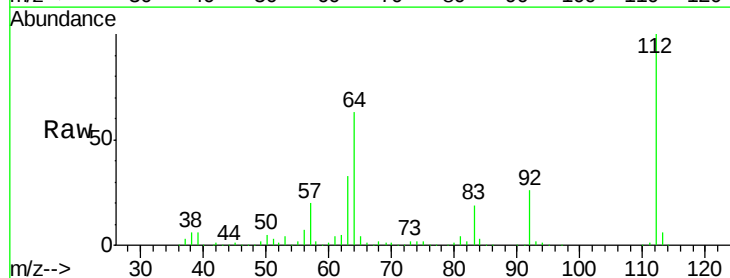
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



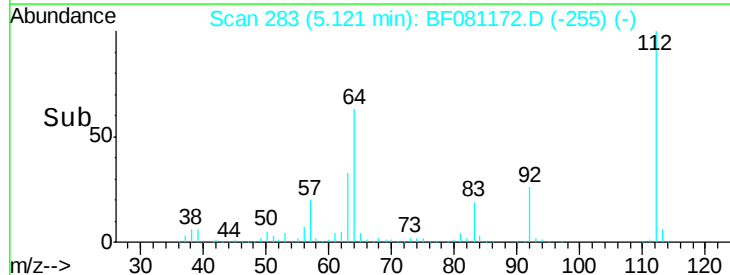
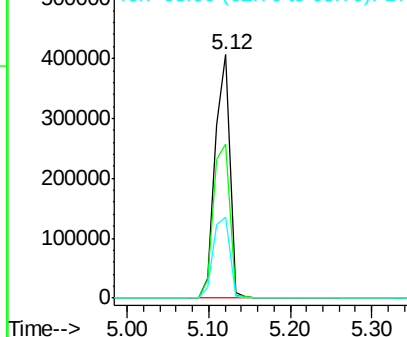
#5

2-Fluorophenol
Concen: 73.15 ng
RT: 5.12 min Scan# 283
Delta R.T. 0.02 min
Lab File: BF081172.D
Acq: 24 Aug 2015 16:53

Tgt Ion:112 Resp: 511113
Ion Ratio Lower Upper
112 100
64 63.1 66.9 100.3#
63 33.1 38.1 57.1#



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: 78.65 ng

RT: 6.20 min Scan# 377

Delta R.T. -0.00 min

Lab File: BF081172.D

Acq: 24 Aug 2015 16:53

Instrument :

BNA_F

ClientSampleId :

PB85134TB

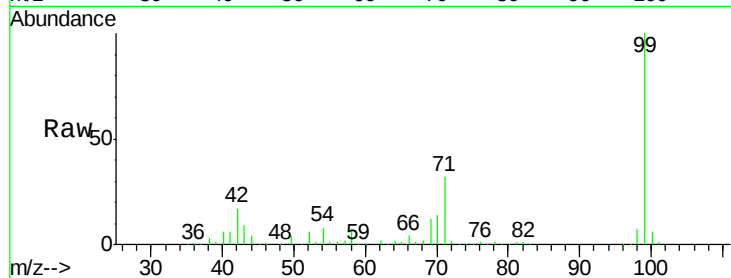
Tgt Ion: 99 Resp: 717026

Ion Ratio Lower Upper

99 100

42 16.8 19.6 29.4#

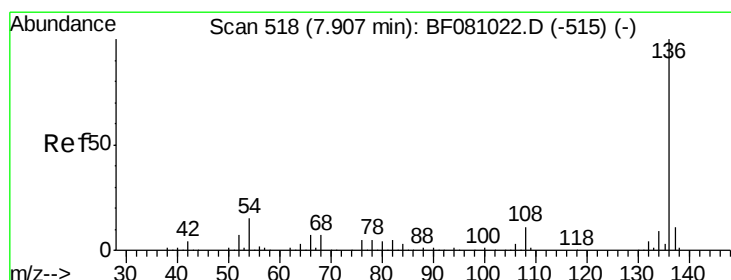
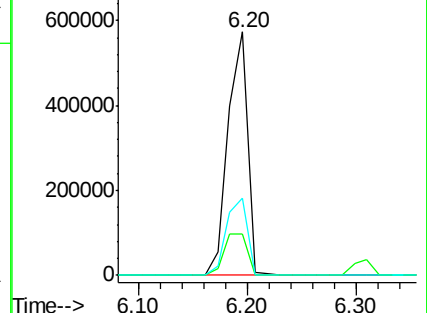
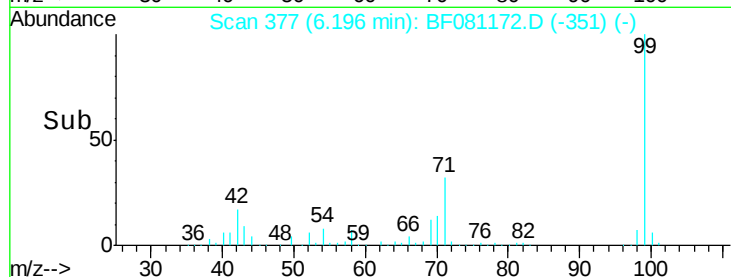
71 31.8 31.2 46.8



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: 7.83 min Scan# 520

Delta R.T. -0.00 min

Lab File: BF081172.D

Acq: 24 Aug 2015 16:53

Tgt Ion: 136 Resp: 420374

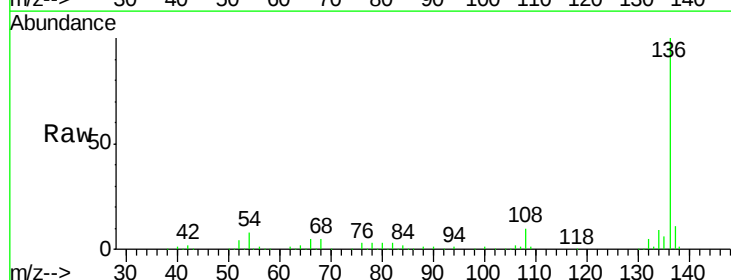
Ion Ratio Lower Upper

136 100

137 10.7 8.2 12.2

54 8.2 7.7 11.5

68 4.6 3.4 5.2

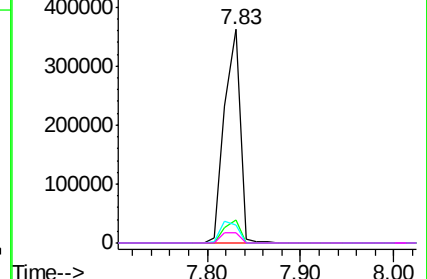
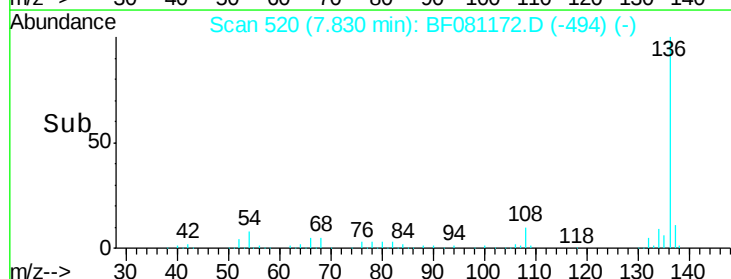


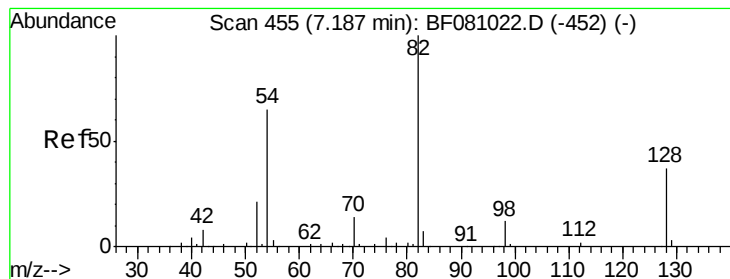
Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.36 ng

RT: 7.11 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF081172.D

Acq: 24 Aug 2015 16:53

Instrument :

BNA_F

ClientSampleId :

PB85134TB

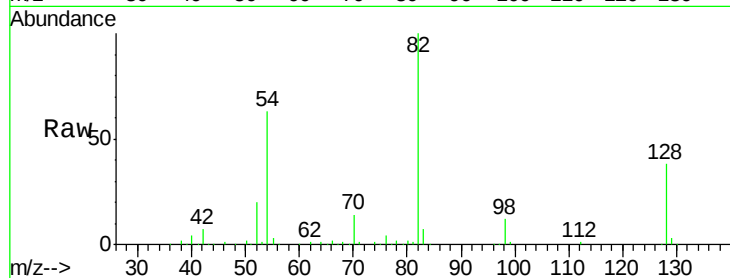
Tgt Ion: 82 Resp: 398978

Ion Ratio Lower Upper

82 100

128 38.4 28.6 42.8

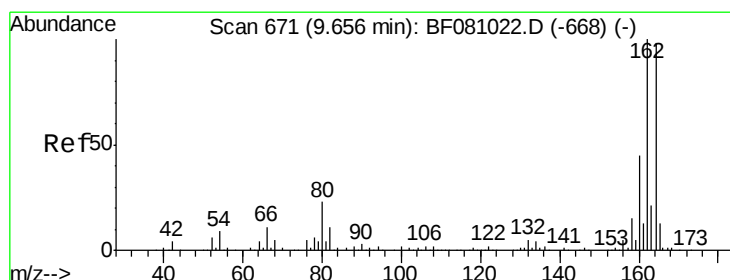
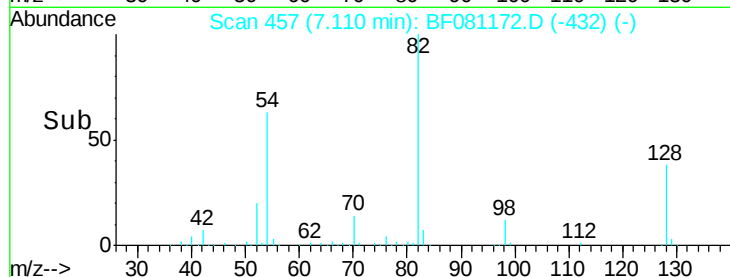
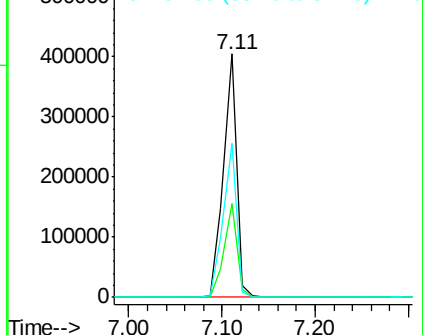
54 63.3 55.1 82.7



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: 9.57 min Scan# 672

Delta R.T. -0.01 min

Lab File: BF081172.D

Acq: 24 Aug 2015 16:53

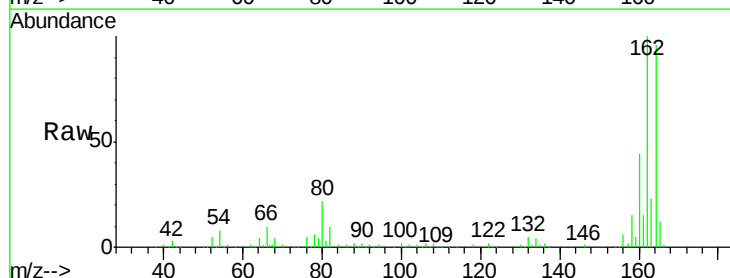
Tgt Ion: 164 Resp: 196281

Ion Ratio Lower Upper

164 100

162 104.1 83.8 125.8

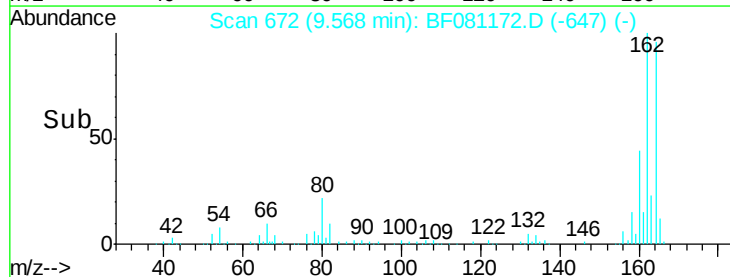
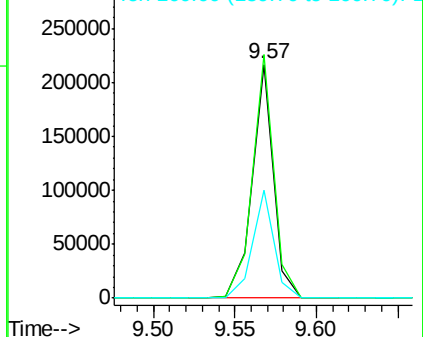
160 46.2 39.8 59.8

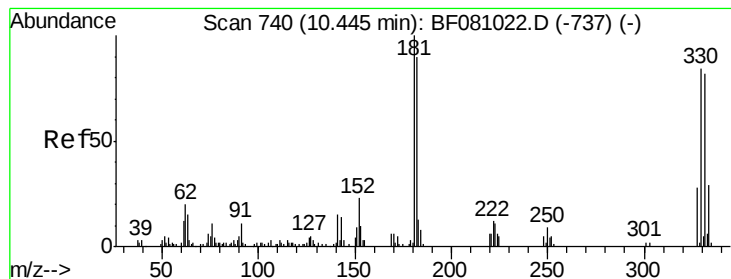


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 73.09 ng

RT: 10.36 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF081172.D

Acq: 24 Aug 2015 16:53

Instrument :

BNA_F

ClientSampleId :

PB85134TB

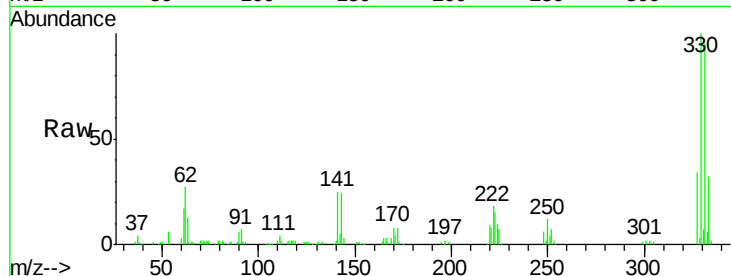
Tgt Ion:330 Resp: 124352

Ion Ratio Lower Upper

330 100

332 95.7 77.3 115.9

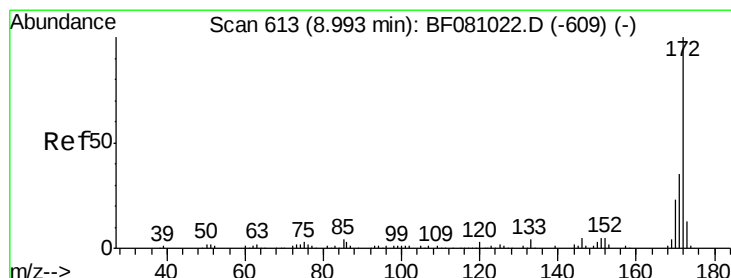
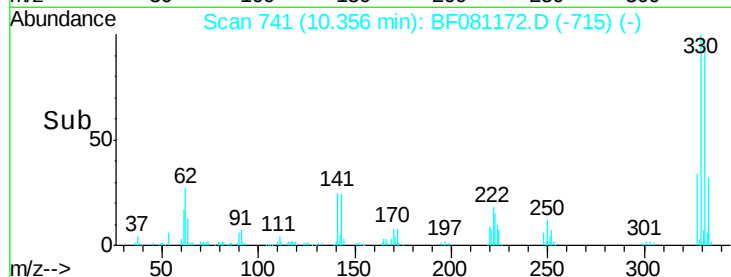
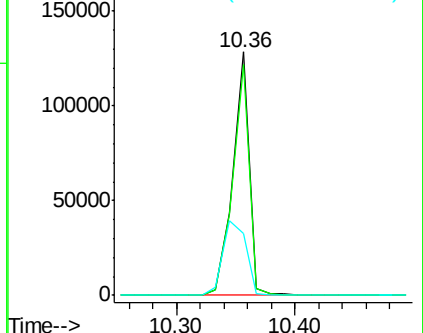
141 42.7 44.9 67.3#



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: 41.86 ng

RT: 8.90 min Scan# 614

Delta R.T. -0.00 min

Lab File: BF081172.D

Acq: 24 Aug 2015 16:53

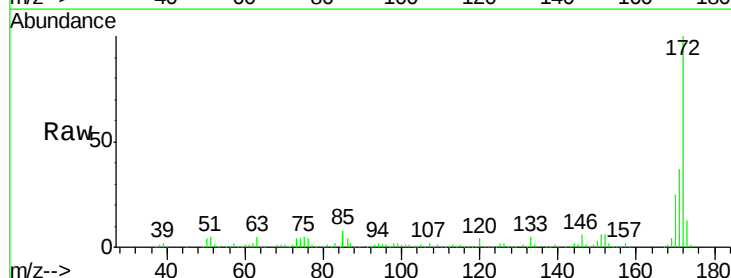
Tgt Ion:172 Resp: 627066

Ion Ratio Lower Upper

172 100

171 36.6 28.9 43.3

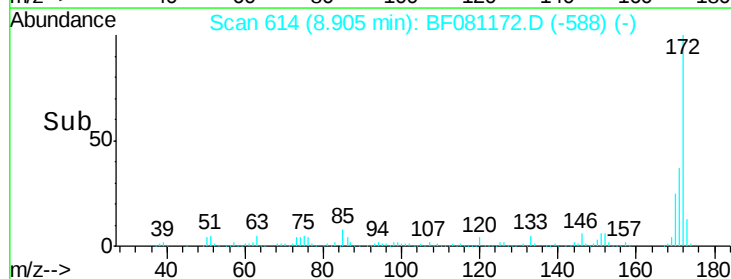
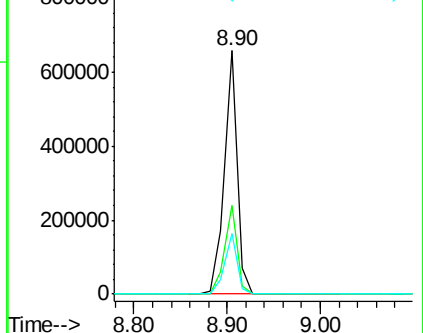
170 24.6 19.4 29.2

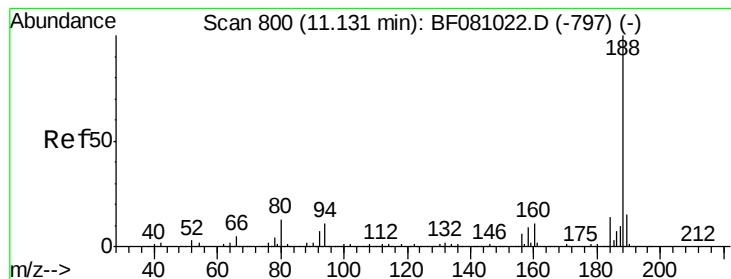


Abundance Ion 172.00 (171.70 to 172.70): E

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: 11.04 min Scan# 801

Delta R.T. -0.00 min

Lab File: BF081172.D

Acq: 24 Aug 2015 16:53

Instrument :

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ClientSampleId :

PB85134TB

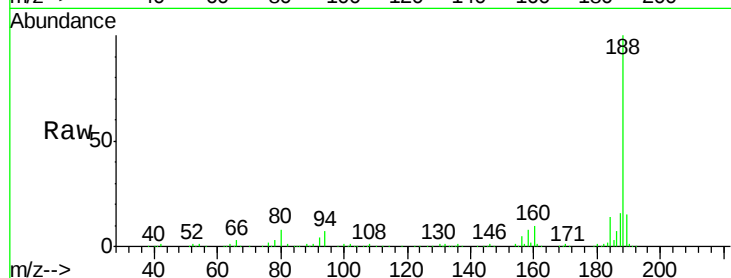
Tgt Ion:188 Resp: 414070

Ion Ratio Lower Upper

188 100

94 7.5 8.2 12.2#

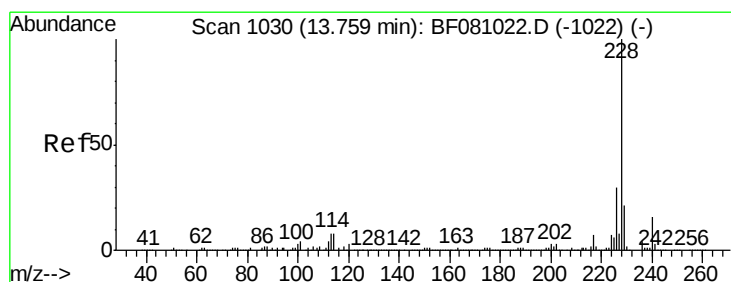
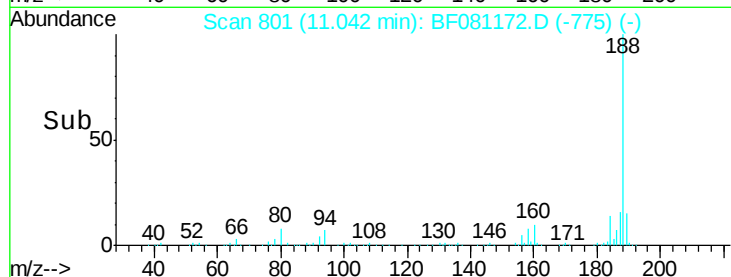
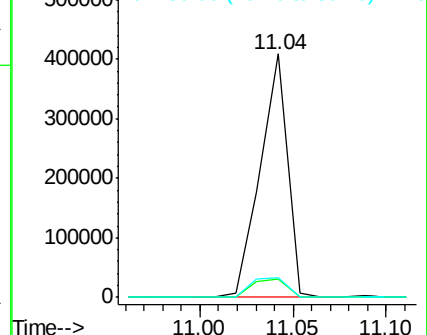
80 7.8 9.5 14.3#



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: 13.65 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF081172.D

Acq: 24 Aug 2015 16:53

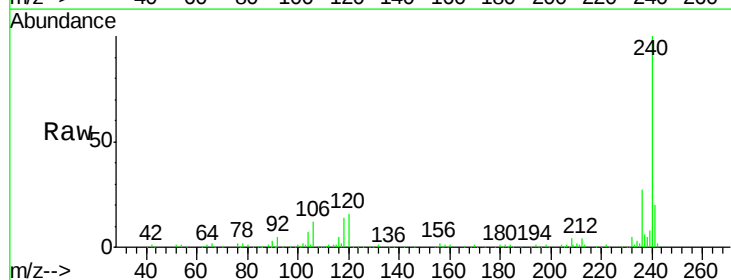
Tgt Ion:240 Resp: 341982

Ion Ratio Lower Upper

240 100

120 16.1 5.6 8.4#

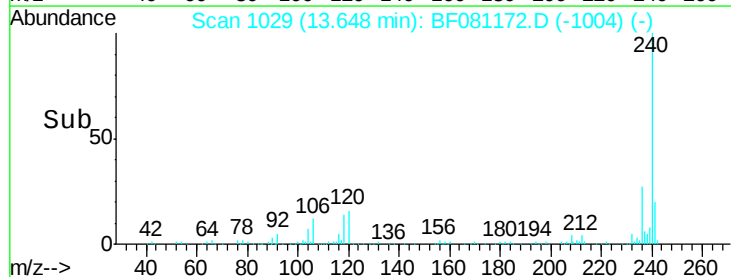
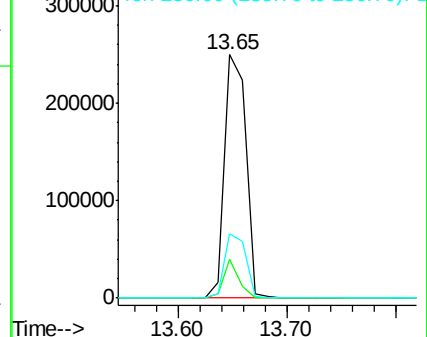
236 26.6 20.6 30.8

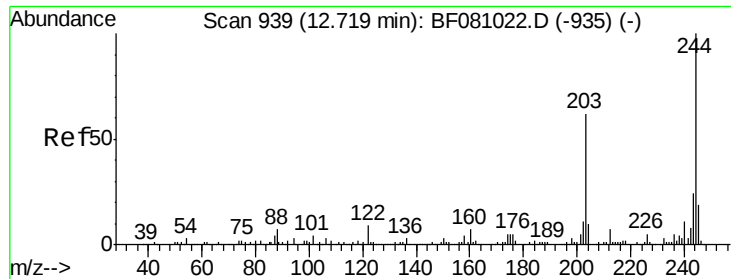


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

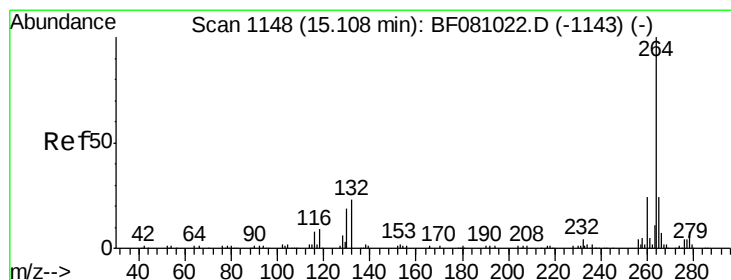
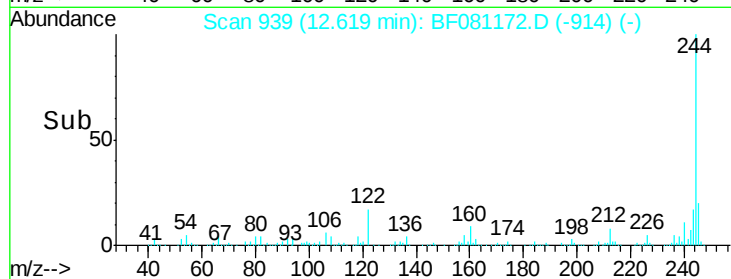
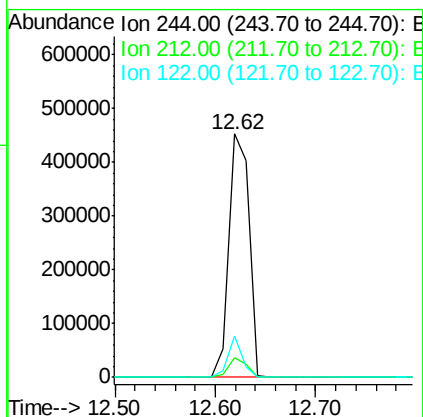
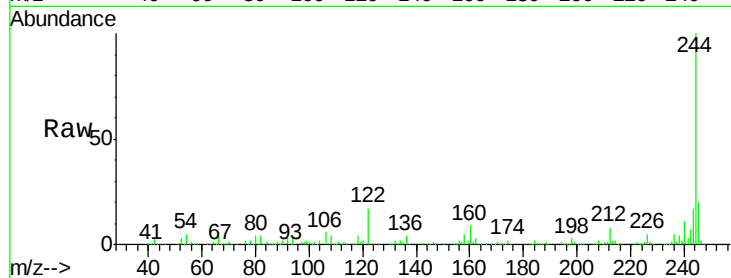




#78
 Terphenyl-d14
 Concen: 39.38 ng
 RT: 12.62 min Scan# 939
 Delta R.T. -0.01 min
 Lab File: BF081172.D
 Acq: 24 Aug 2015 16:53

Instrument :
 BNA_F
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 PB85134TB

Tgt Ion: 244 Resp: 628137
 Ion Ratio Lower Upper
 244 100
 212 8.2 5.8 8.8
 122 16.9 8.2 12.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.99 min Scan# 1146
 Delta R.T. -0.00 min
 Lab File: BF081172.D
 Acq: 24 Aug 2015 16:53

Tgt Ion: 264 Resp: 247144
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.6 29.4
 265 21.2 17.5 26.3

