

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123015\
 Data File : BF084179.D
 Acq On : 31 Dec 2015 7:00
 Operator : UM/SJ
 Sample : G4979-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-19

Quant Time: Dec 31 16:05:34 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 31 04:29:55 2015
 Response via : Initial Calibration

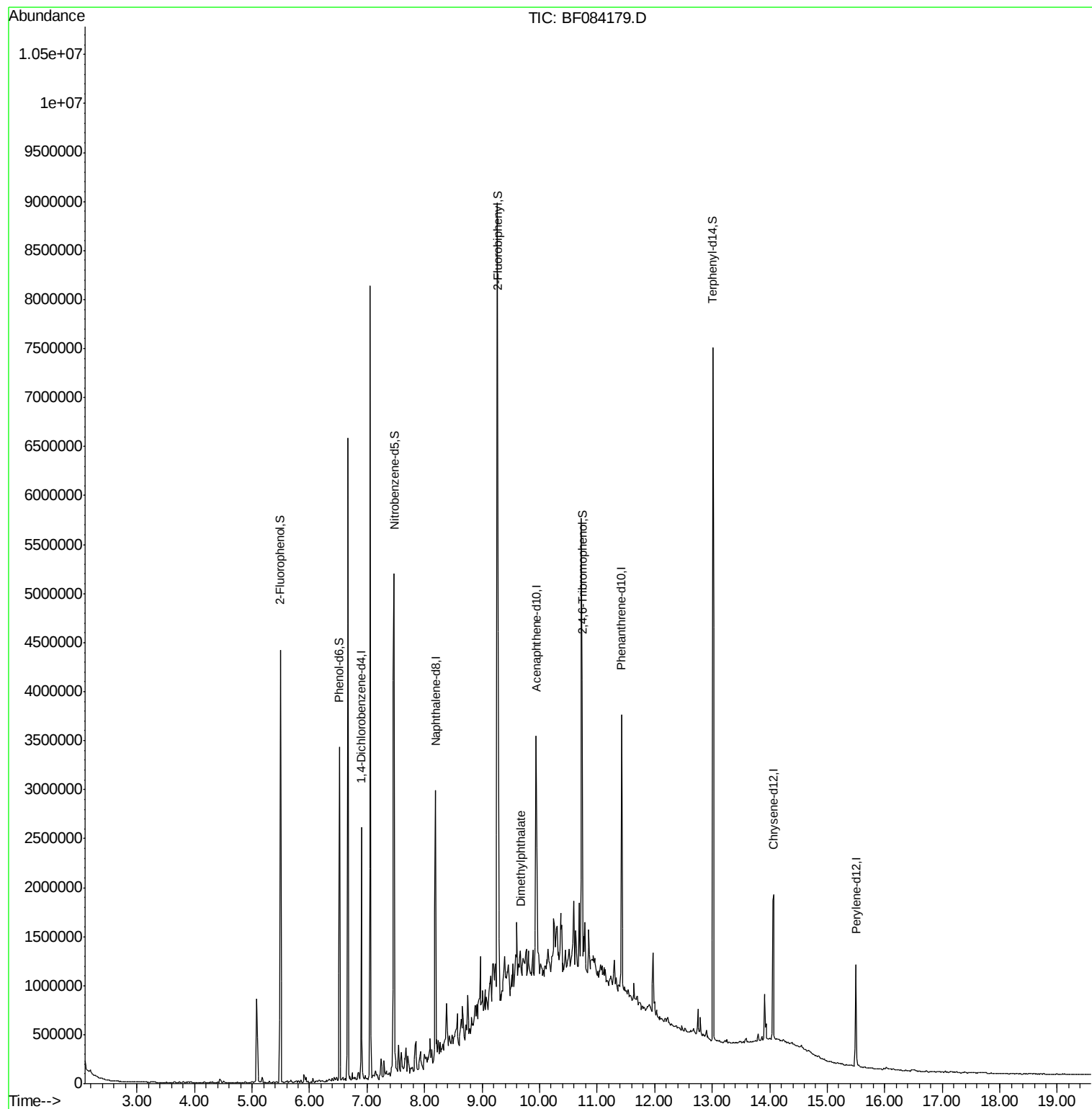
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	320387	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	1324498	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	549677	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	975411	20.00	ng	0.00
75) Chrysene-d12	14.07	240	757704	20.00	ng	0.00
86) Perylene-d12	15.51	264	567826	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1121325	56.13	ng	0.00
7) Phenol-d6	6.52	99	1067619	41.28	ng	0.00
23) Nitrobenzene-d5	7.47	82	2218187	98.96	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	768668	140.10	ng	0.01
44) 2-Fluorobiphenyl	9.26	172	3011940	97.28	ng	0.00
78) Terphenyl-d14	13.01	244	2743428	85.28	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.66	163	115358	2.92	ng	Qvalue 99

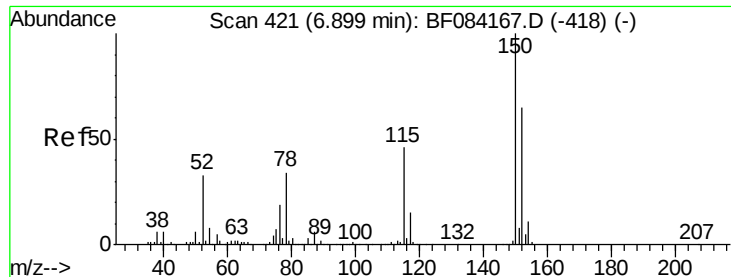
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF084179.D

Acq: 31 Dec 2015 7:00

Instrument :

BNA_F

ClientSampleId :

W-19

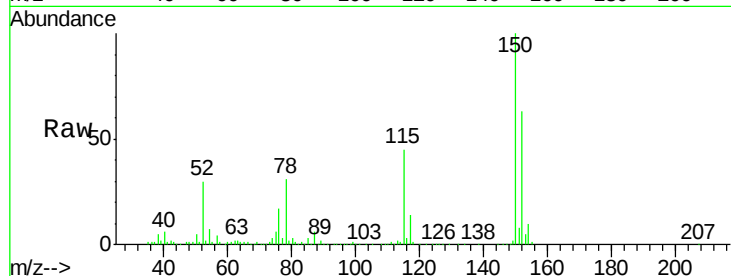
Tot Ion:152 Resp: 320387

Ion Ratio Lower Upper

152 100

150 159.5 123.8 185.8

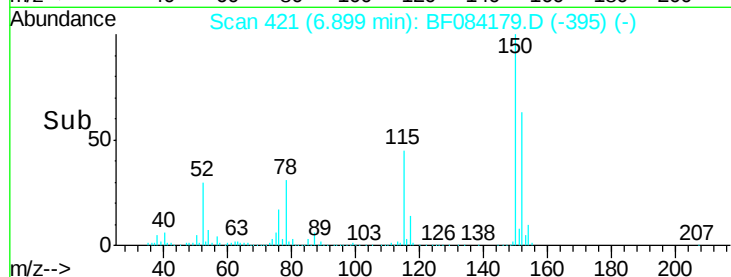
115 71.6 57.1 85.7



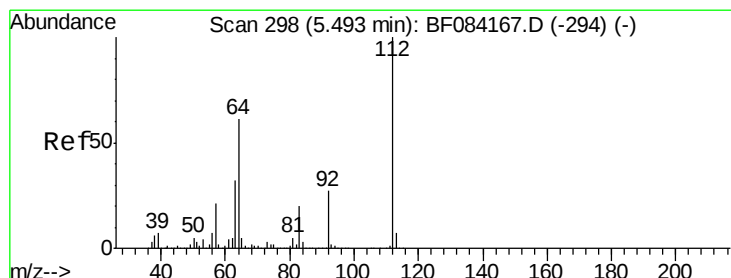
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#5

2-Fluorophenol

Concen: 56.13 ng

RT: 5.49 min Scan# 298

Delta R.T. -0.00 min

Lab File: BF084179.D

Acq: 31 Dec 2015 7:00

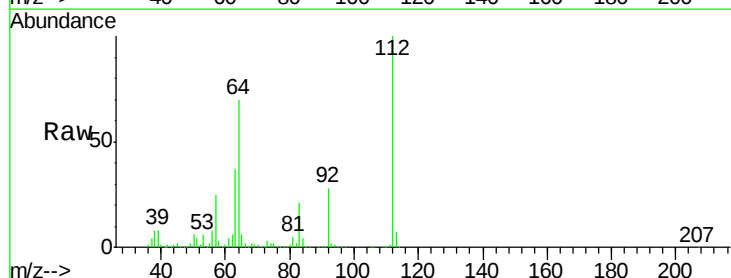
Tgt Ion:112 Resp: 1121325

Ion Ratio Lower Upper

112 100

64 69.7 48.7 73.1

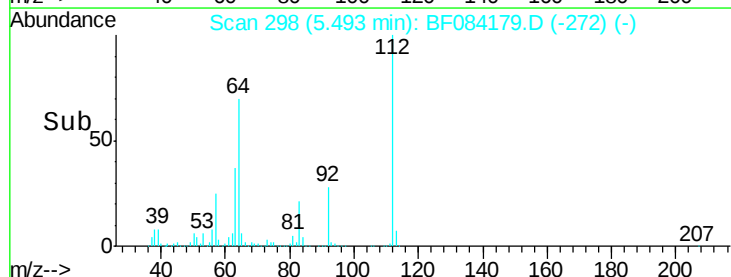
63 37.0 25.9 38.9



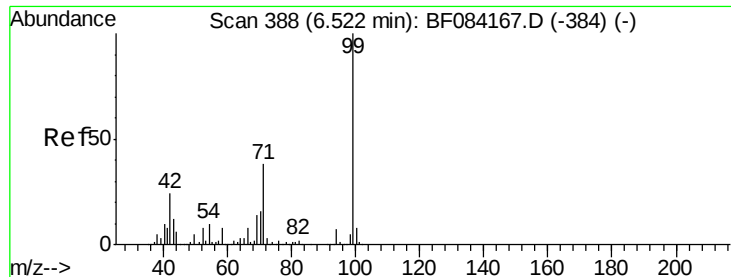
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



Time-->



#7

Phenol-d6

Concen: 41.28 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF084179.D

Acq: 31 Dec 2015 7:00

Instrument :

BNA_F

ClientSampleId :

W-19

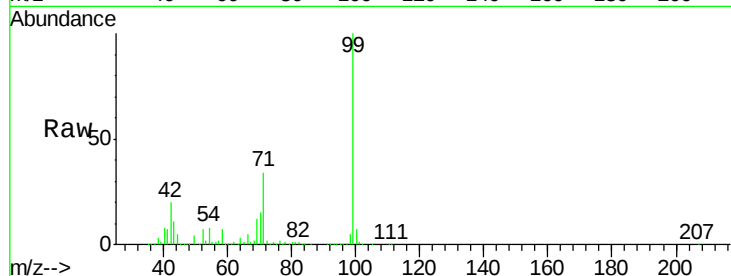
Tot Ion: 99 Resp: 1067619

Ion Ratio Lower Upper

99 100

42 19.8 19.2 28.8

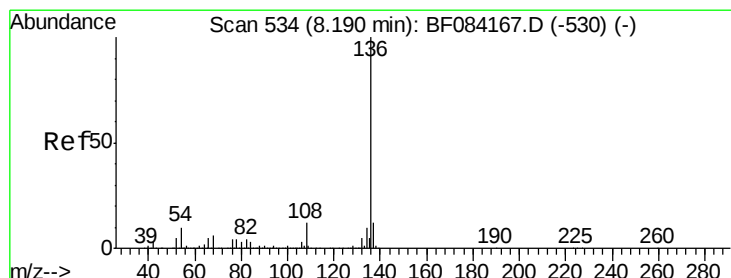
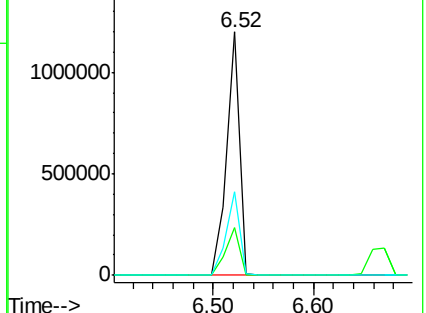
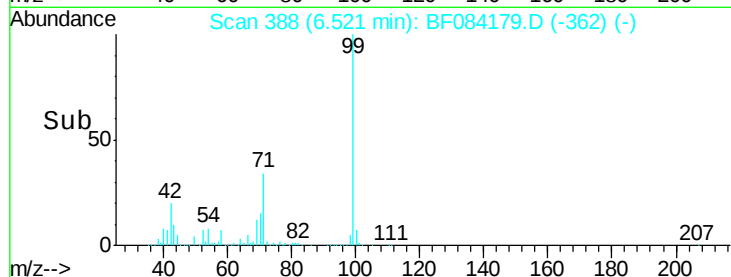
71 34.1 30.4 45.6



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: 8.19 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF084179.D

Acq: 31 Dec 2015 7:00

Tgt Ion:136 Resp: 1324498

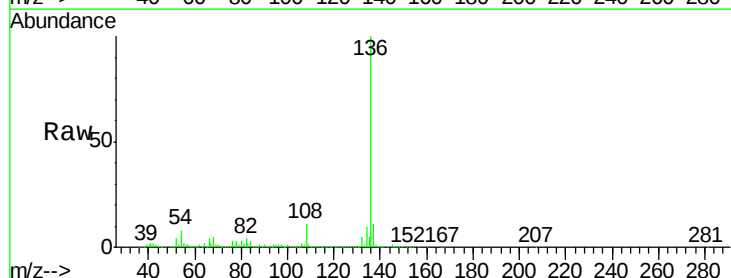
Ion Ratio Lower Upper

136 100

137 11.3 9.4 14.0

54 7.8 7.6 11.4

68 5.0 4.6 6.8

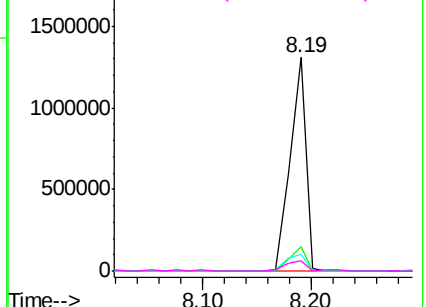
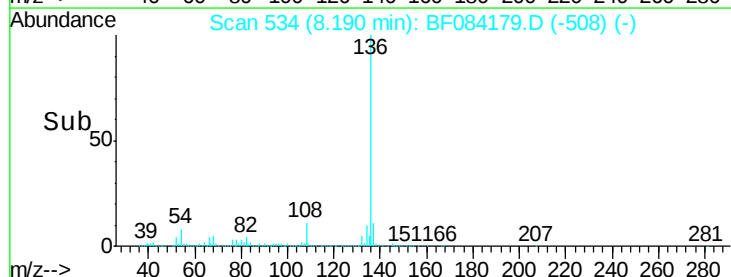


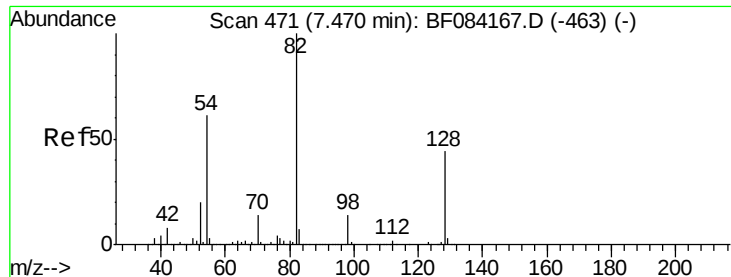
Abundance Ion 136.00 (135.70 to 136.70): E

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



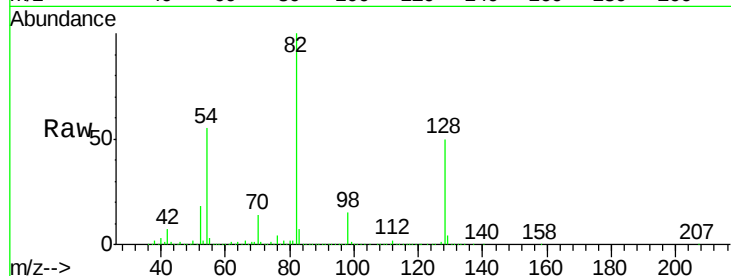


#23
 Nitrobenzene-d5
 Concen: 98.96 ng
 RT: 7.47 min Scan# 471
 Delta R.T. -0.00 min
 Lab File: BF084179.D
 Acq: 31 Dec 2015 7:00

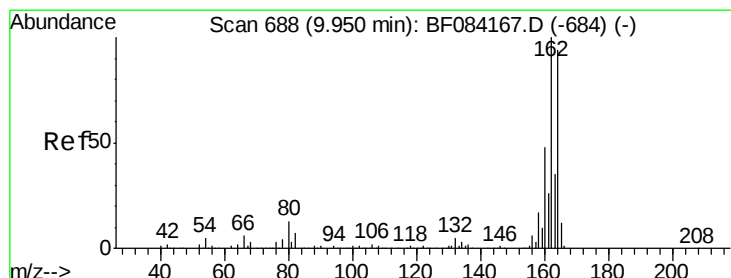
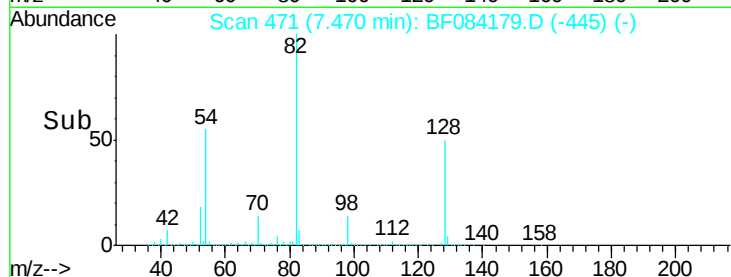
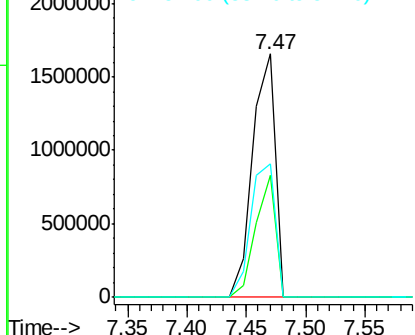
Instrument :
 BNA_F
 ClientSampleId :
 W-19

Tot Ion: 82 Resp: 2218187

Ion	Ratio	Lower	Upper
82	100		
128	50.1	35.0	52.4
54	54.7	48.5	72.7



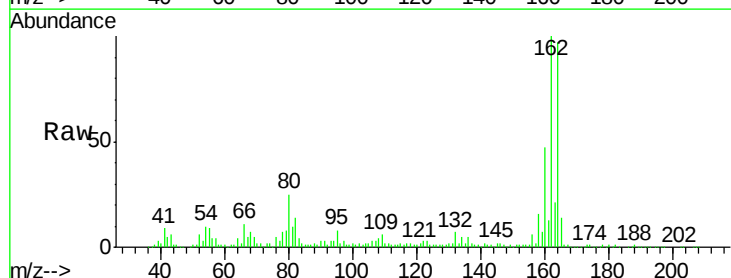
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0



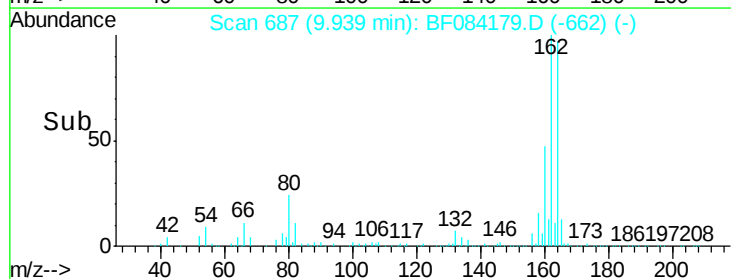
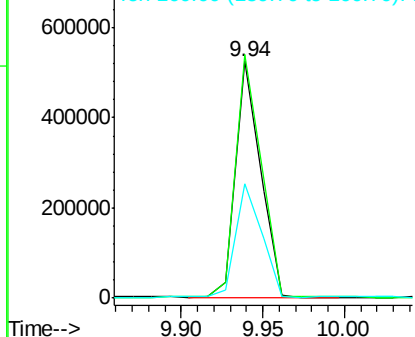
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.01 min
 Lab File: BF084179.D
 Acq: 31 Dec 2015 7:00

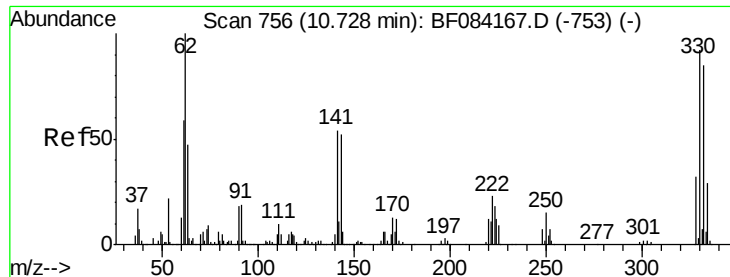
Tgt Ion: 164 Resp: 549677

Ion	Ratio	Lower	Upper
164	100		
162	102.7	84.8	127.2
160	48.3	40.4	60.6



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

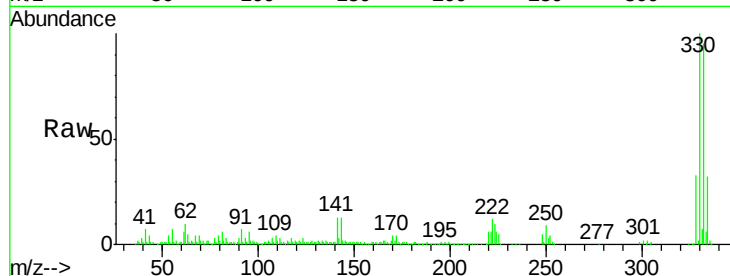




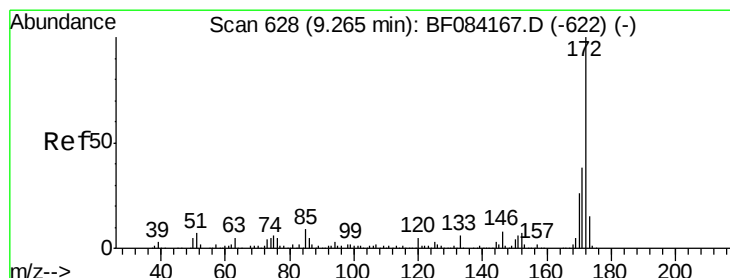
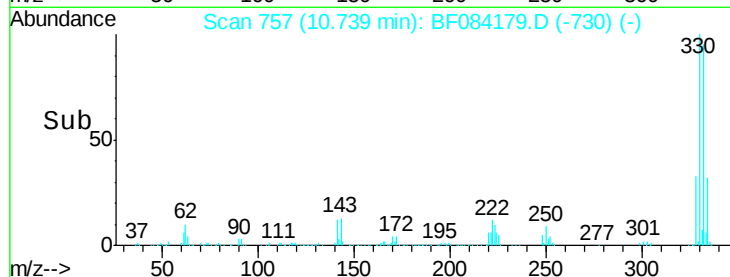
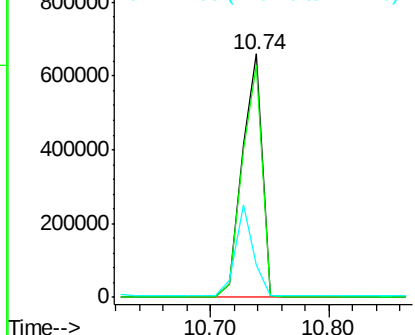
#41
 2,4,6-Tribromophenol
 Concen: 140.10 ng
 RT: 10.74 min Scan# 757
 Delta R.T. 0.01 min
 Lab File: BF084179.D
 Acq: 31 Dec 2015 7:00

Instrument :
 BNA_F
 ClientSampleId :
 W-19

Tot Ion:330 Resp: 768668
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.2 114.2
 141 33.9 31.3 46.9

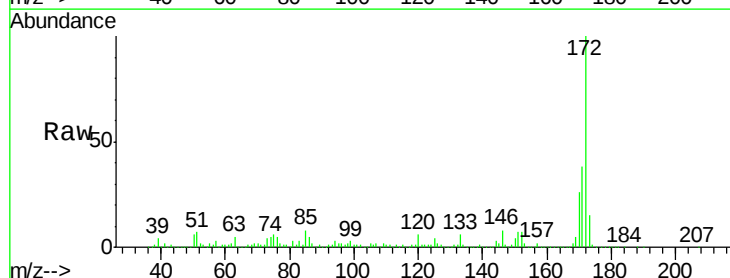


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

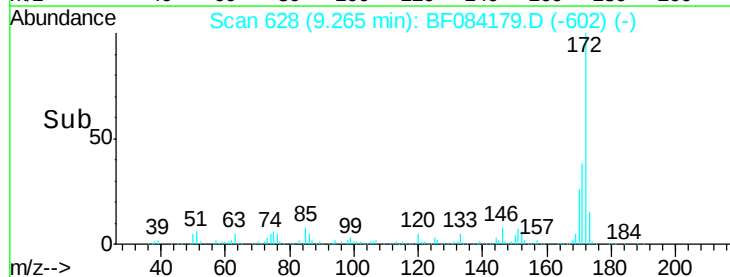
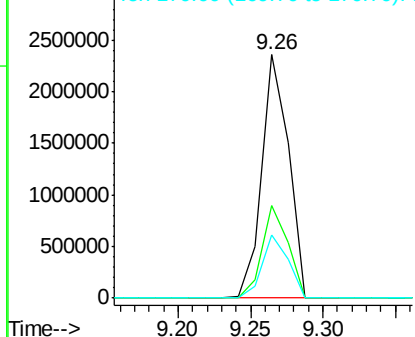


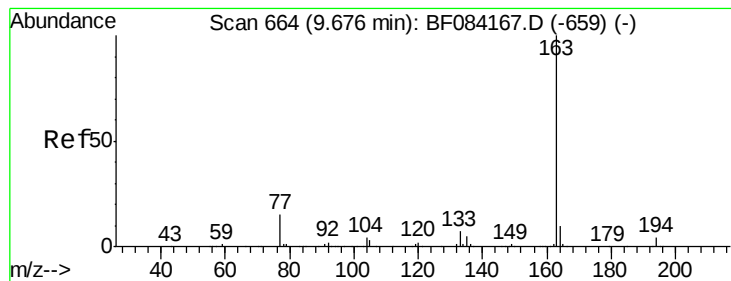
#44
 2-Fluorobiphenyl
 Concen: 97.28 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF084179.D
 Acq: 31 Dec 2015 7:00

Tgt Ion:172 Resp: 3011940
 Ion Ratio Lower Upper
 172 100
 171 38.2 30.6 46.0
 170 26.1 20.6 30.8



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





#49

Dimethylphthalate

Concen: 2.92 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF084179.D

Acq: 31 Dec 2015 7:00

Instrument :

BNA_F

ClientSampleId :

W-19

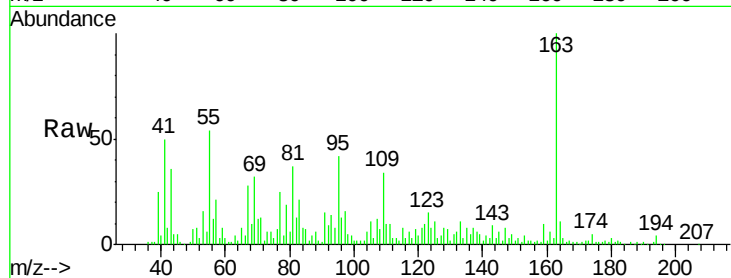
Tot Ion:163 Resp: 115358

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

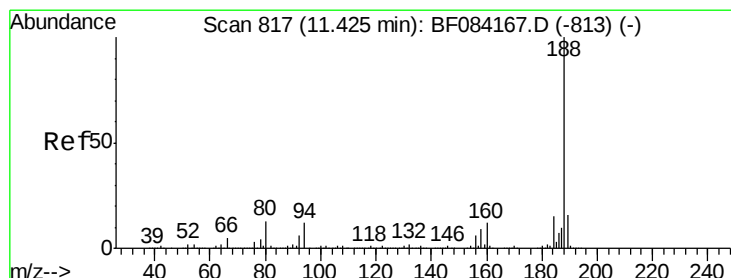
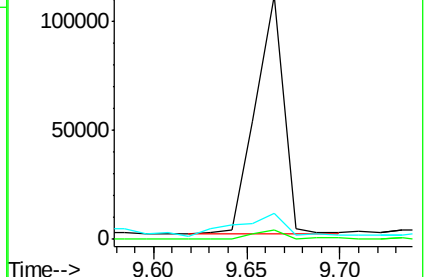
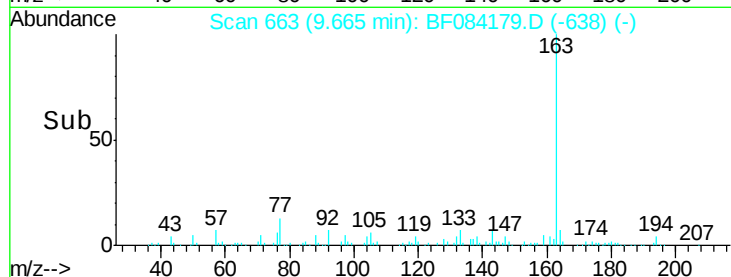
164 10.6 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.42 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF084179.D

Acq: 31 Dec 2015 7:00

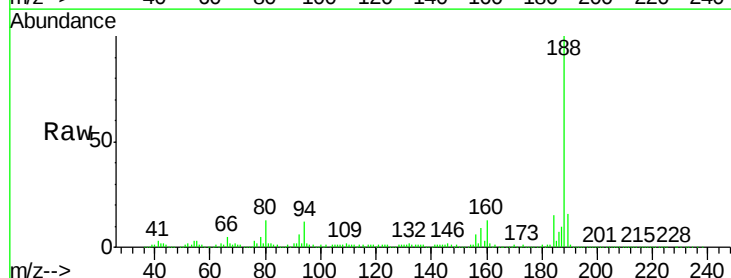
Tgt Ion:188 Resp: 975411

Ion Ratio Lower Upper

188 100

94 11.8 9.2 13.8

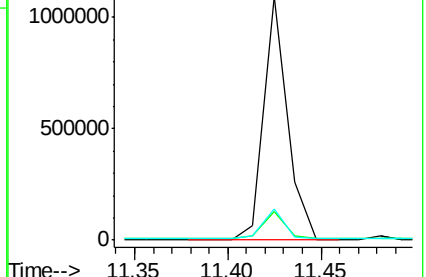
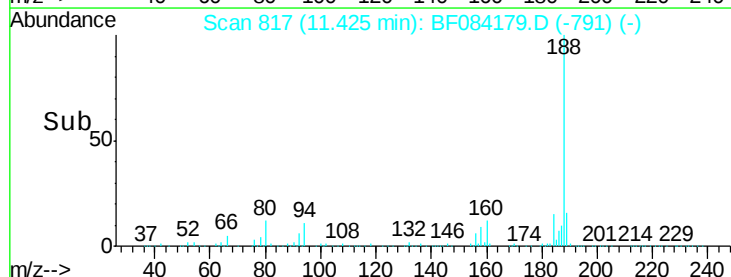
80 12.9 10.1 15.1

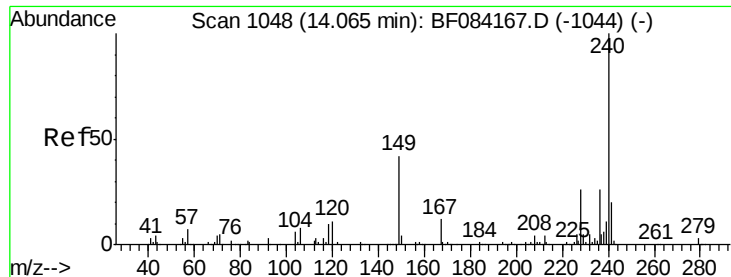


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.07 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF084179.D

Acq: 31 Dec 2015 7:00

Instrument :

BNA_F

ClientSampleId :

W-19

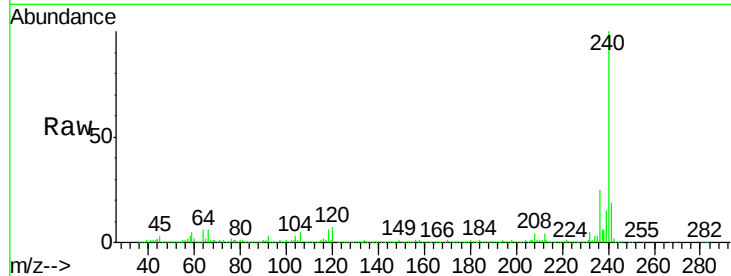
Tot Ion:240 Resp: 757704

Ion Ratio Lower Upper

240 100

120 6.7 8.8 13.2#

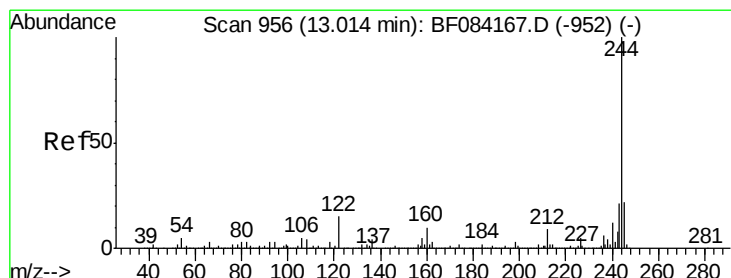
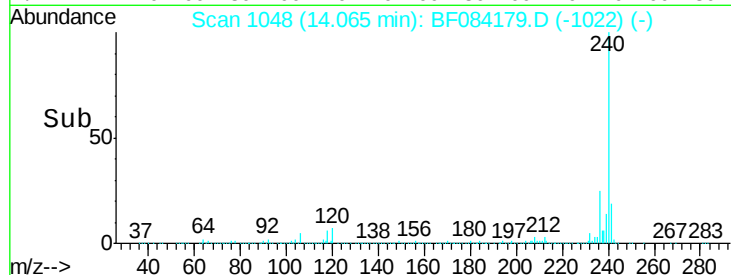
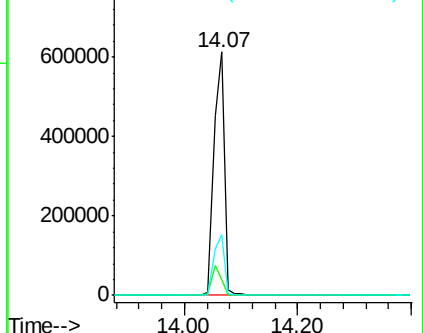
236 24.9 20.8 31.2



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: 85.28 ng

RT: 13.01 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF084179.D

Acq: 31 Dec 2015 7:00

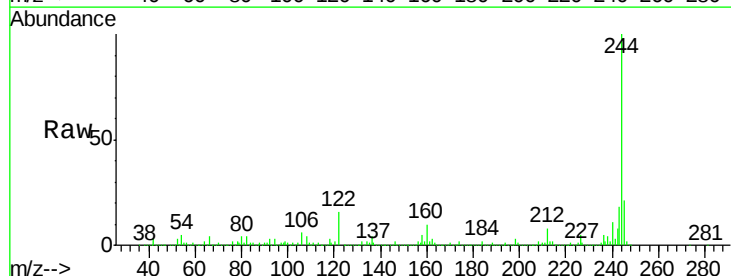
Tgt Ion:244 Resp: 2743428

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.4

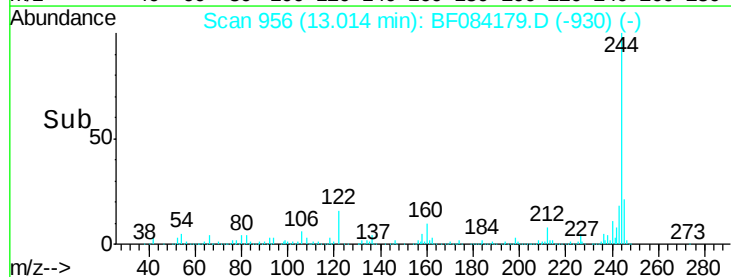
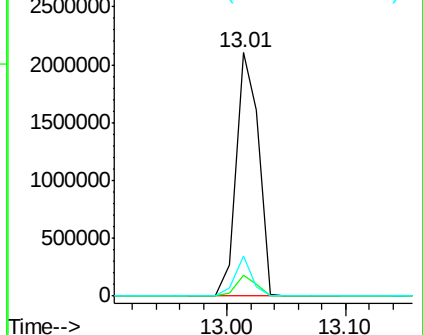
122 16.3 11.9 17.9

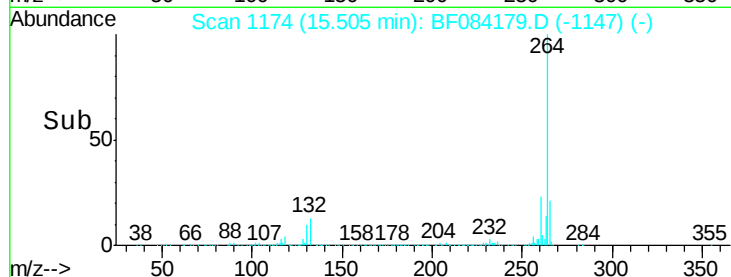
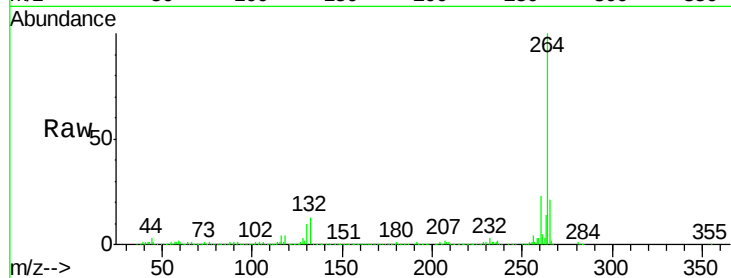
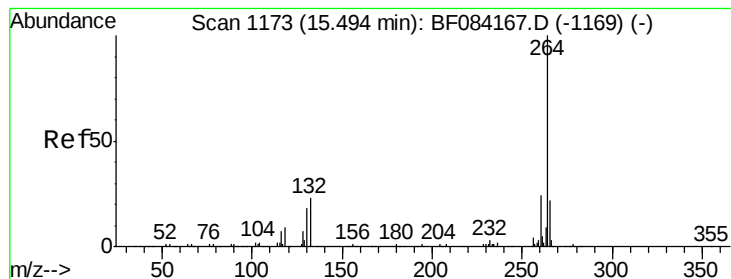


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.51 min Scan# 1174

Delta R.T. 0.01 min

Lab File: BF084179.D

Acq: 31 Dec 2015 7:00

Instrument :

BNA_F

ClientSampleId :

W-19

Tot Ion: 264 Resp: 567826

Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

265 21.4 18.0 27.0

