

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
 Data File : BF084240.D
 Acq On : 4 Jan 2016 15:50
 Operator : UM/SJ
 Sample : G4981-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0529

Quant Time: Jan 05 06:25:02 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

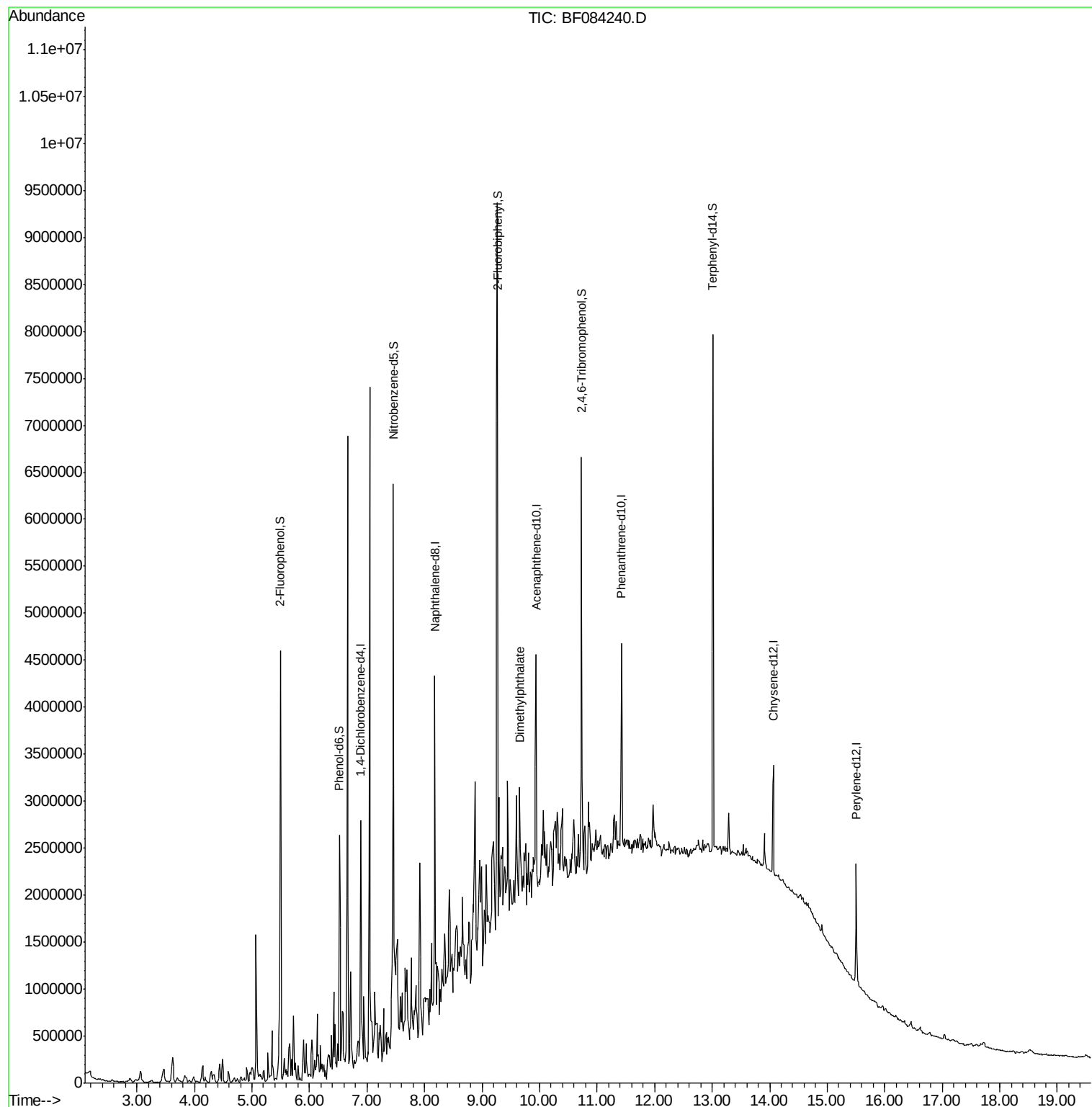
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	327158	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1293306	20.00	ng	-0.01
38) Acenaphthene-d10	9.94	164	560284	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	840799	20.00	ng	0.00
75) Chrysene-d12	14.07	240	583326	20.00	ng	0.00
86) Perylene-d12	15.51	264	619073	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1125745	55.66	ng	0.00
7) Phenol-d6	6.52	99	989459	38.95	ng	-0.01
23) Nitrobenzene-d5	7.46	82	1936461	83.33	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	553497	97.85	ng	-0.01
44) 2-Fluorobiphenyl	9.26	172	3043080	96.39	ng	0.00
78) Terphenyl-d14	13.01	244	1823689	69.79	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.65	163	297267	7.42	ng	Qvalue # 89

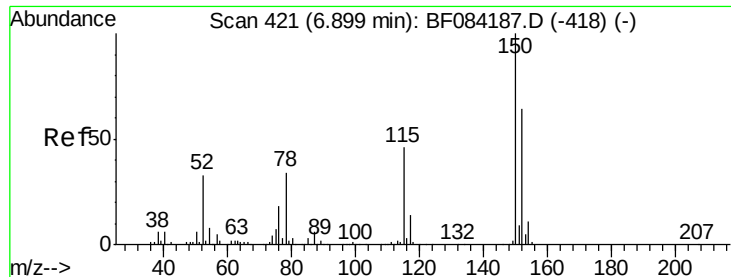
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 05 06:25:02 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: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF084240.D

Acq: 4 Jan 2016 15:50

Instrument :

BNA_F

ClientSampleId :

S8-0529

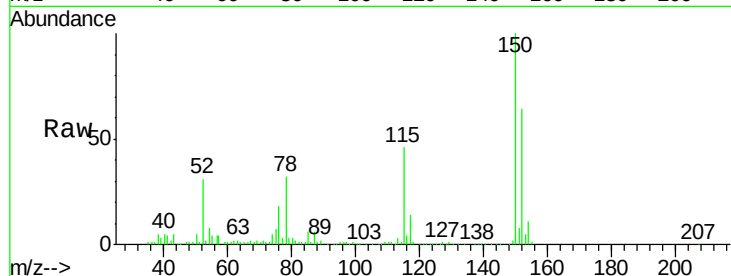
Tot Ion:152 Resp: 327158

Ion Ratio Lower Upper

152 100

150 156.0 123.0 184.4

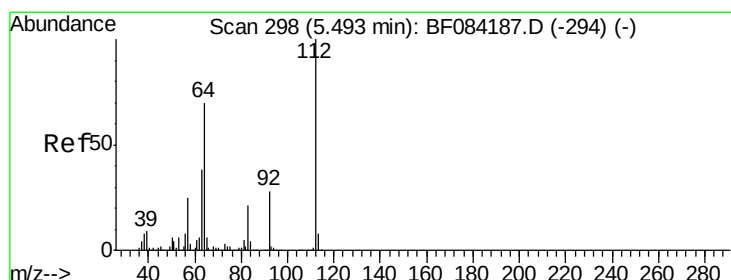
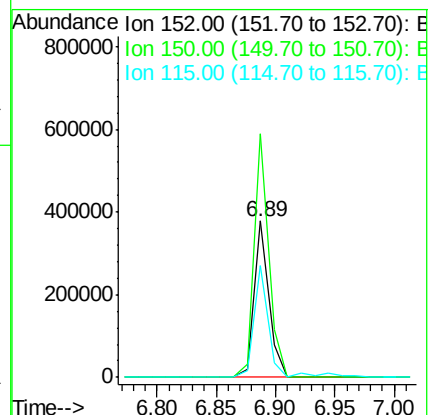
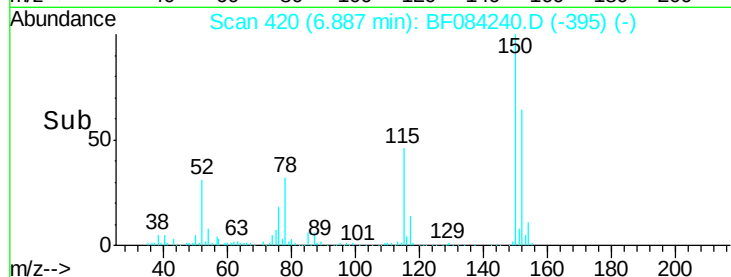
115 71.5 51.4 77.2



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: 55.66 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.00 min

Lab File: BF084240.D

Acq: 4 Jan 2016 15:50

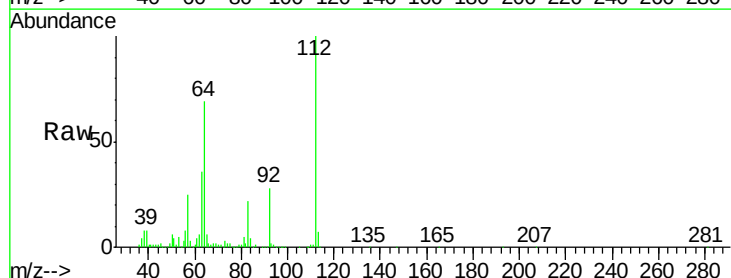
Tgt Ion:112 Resp: 1125745

Ion Ratio Lower Upper

112 100

64 69.2 36.6 55.0#

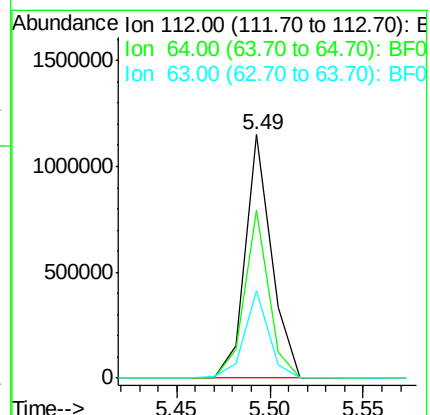
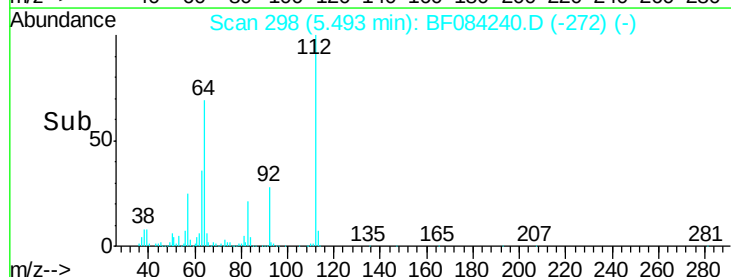
63 36.2 19.4 29.0#

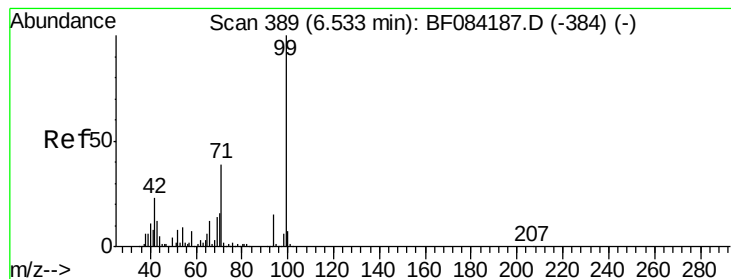


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 38.95 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF084240.D

Acq: 4 Jan 2016 15:50

Instrument :

BNA_F

ClientSampleId :

S8-0529

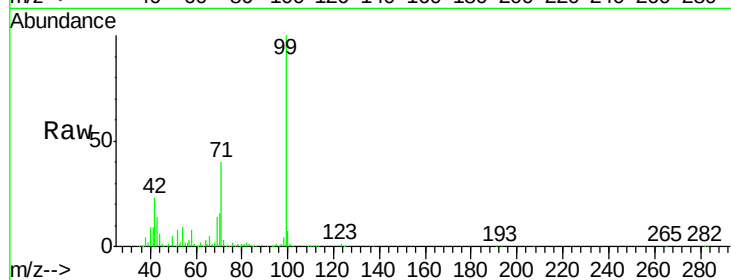
Tot Ion: 99 Resp: 989459

Ion Ratio Lower Upper

99 100

42 23.1 12.8 19.2#

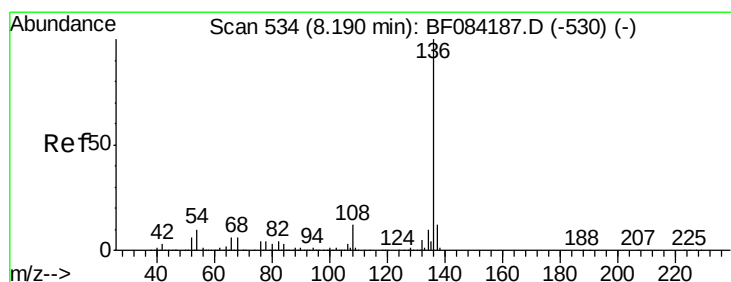
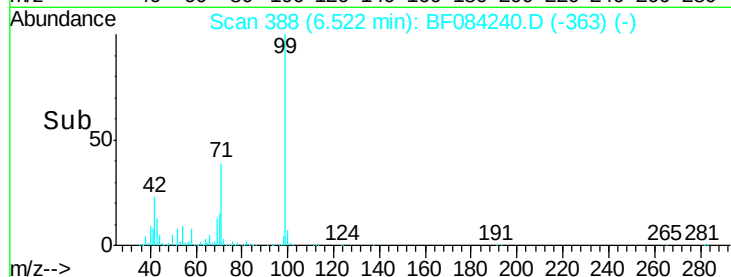
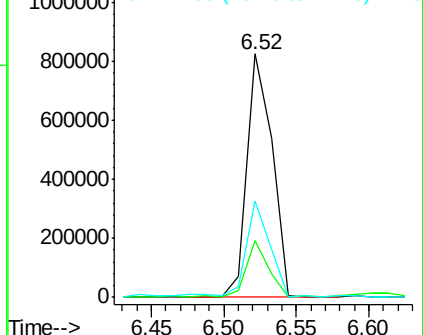
71 39.5 30.9 46.3



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: 8.18 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF084240.D

Acq: 4 Jan 2016 15:50

Tgt Ion: 136 Resp: 1293306

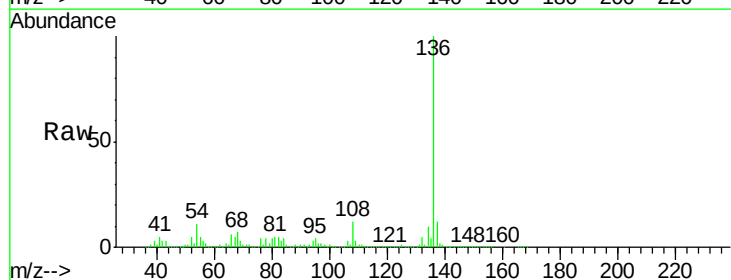
Ion Ratio Lower Upper

136 100

137 11.6 8.7 13.1

54 10.6 5.8 8.8#

68 6.8 4.2 6.2#

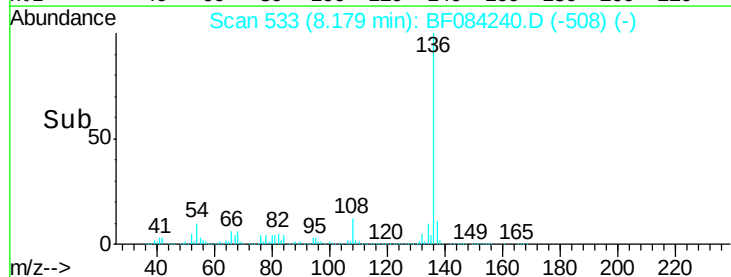
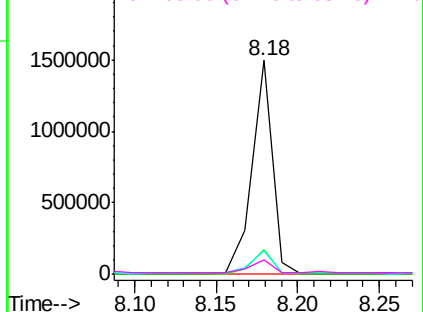


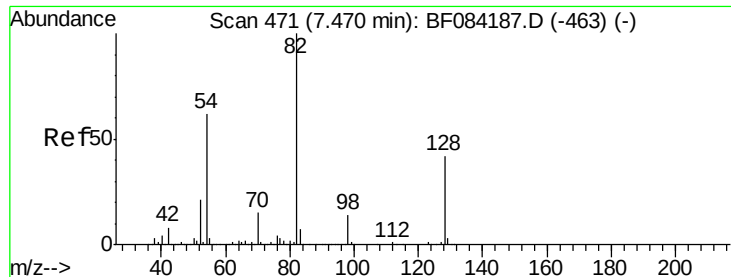
Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.33 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.01 min

Lab File: BF084240.D

Acq: 4 Jan 2016 15:50

Instrument :

BNA_F

ClientSampleId :

S8-0529

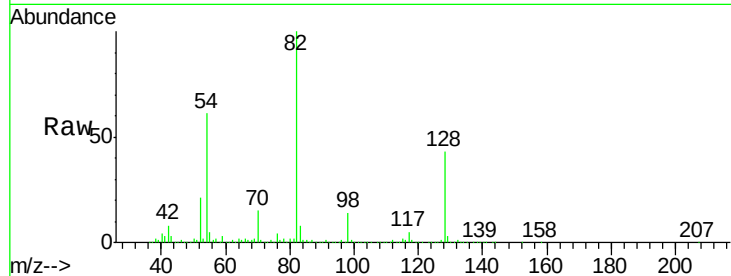
Tot Ion: 82 Resp: 1936461

Ion Ratio Lower Upper

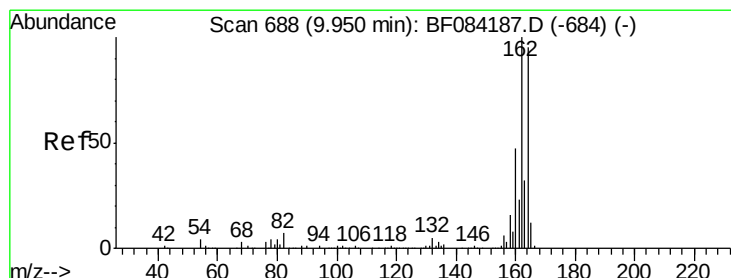
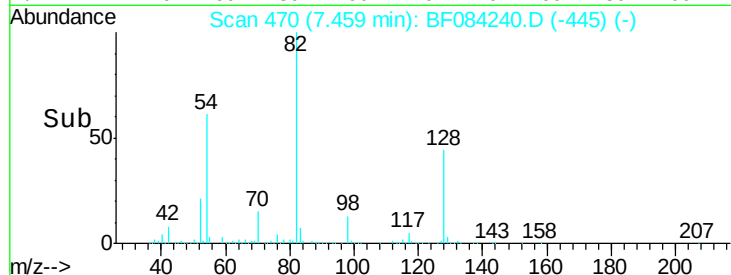
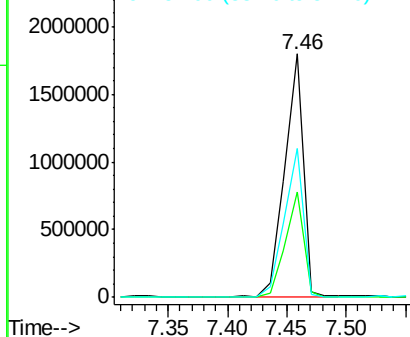
82 100

128 43.4 34.6 51.8

54 61.4 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: 9.94 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF084240.D

Acq: 4 Jan 2016 15:50

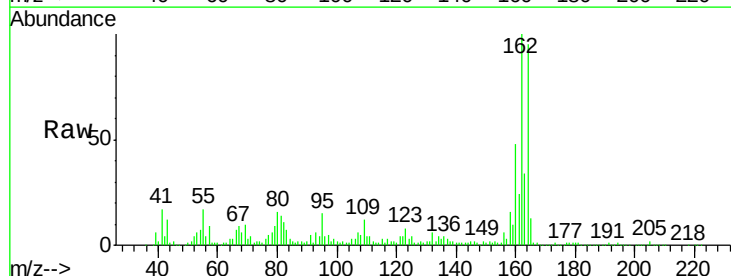
Tgt Ion:164 Resp: 560284

Ion Ratio Lower Upper

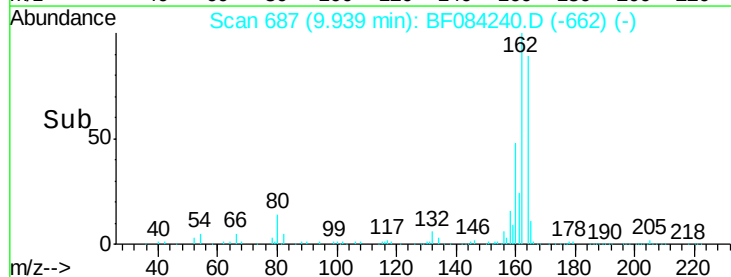
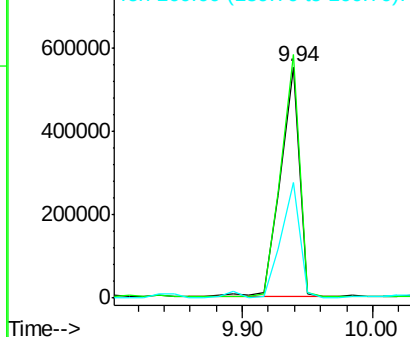
164 100

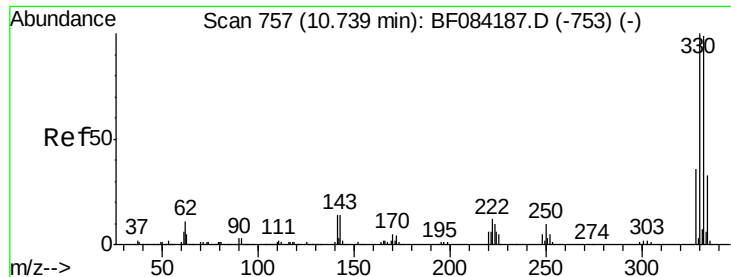
162 105.3 85.1 127.7

160 50.1 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

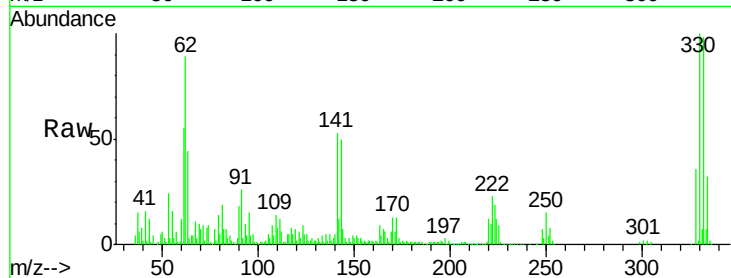




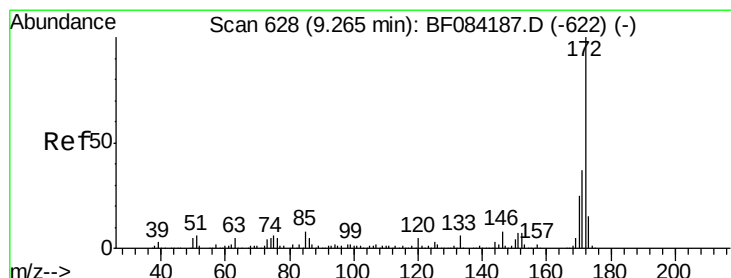
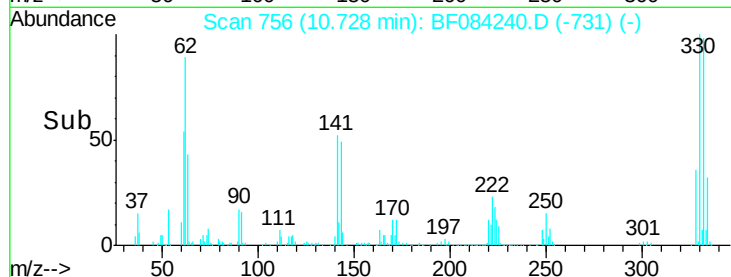
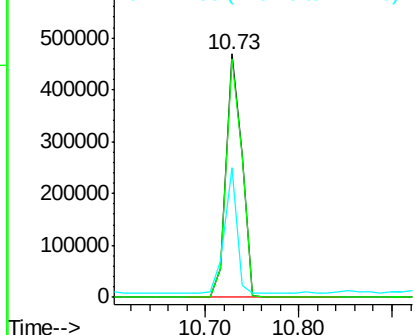
#41
 2,4,6-Tribromophenol
 Concen: 97.85 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF084240.D
 Acq: 4 Jan 2016 15:50

Instrument :
 BNA_F
 ClientSampleId :
 S8-0529

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.4	76.6	114.8
141	41.0	27.8	41.6

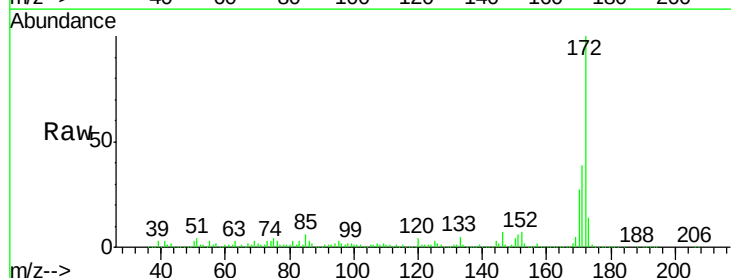


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

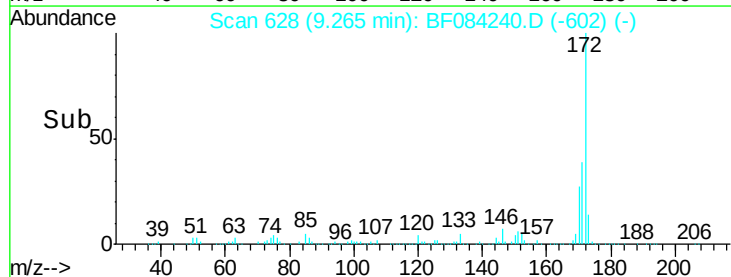
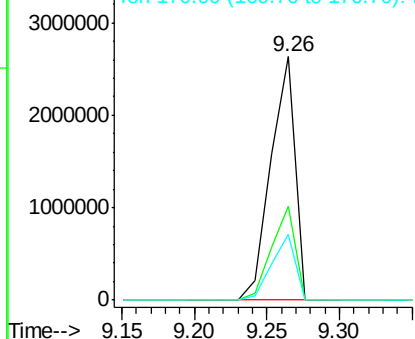


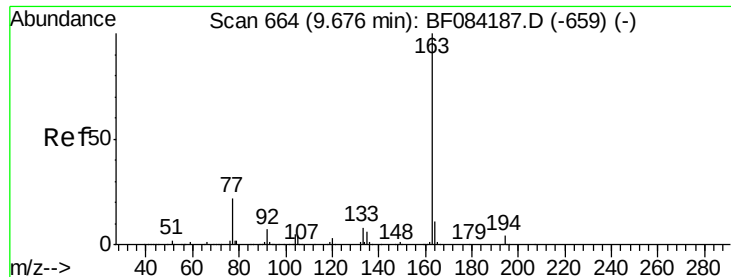
#44
 2-Fluorobiphenyl
 Concen: 96.39 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF084240.D
 Acq: 4 Jan 2016 15:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.7	28.9	43.3
170	26.8	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





#49

Dimethylphthalate

Concen: 7.42 ng

RT: 9.65 min Scan# 662

Delta R.T. -0.02 min

Lab File: BF084240.D

Acq: 4 Jan 2016 15:50

Instrument :

BNA_F

ClientSampleId :

S8-0529

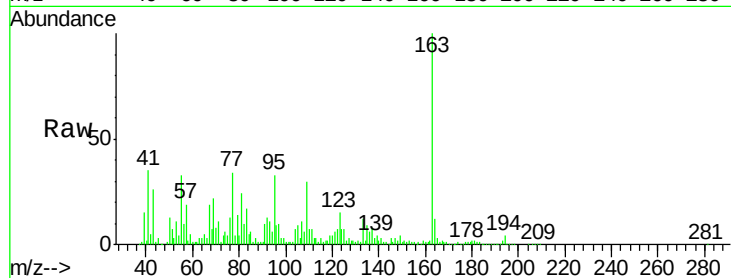
Tot Ion:163 Resp: 297267

Ion Ratio Lower Upper

163 100

194 3.9 8.0 12.0#

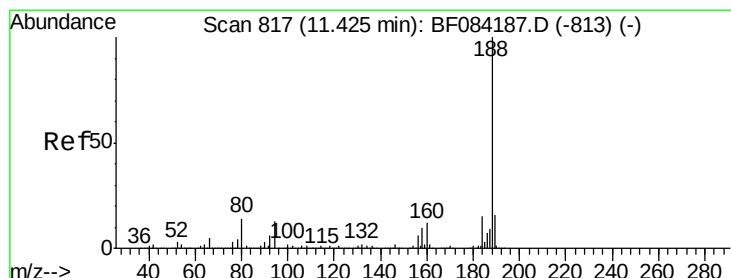
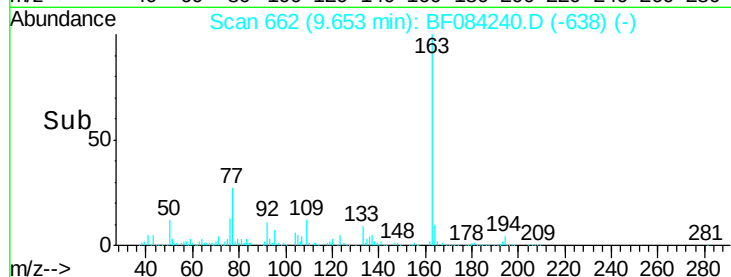
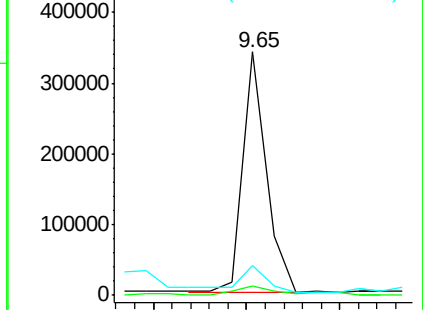
164 12.0 8.0 12.0#



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: BF084240.D

Acq: 4 Jan 2016 15:50

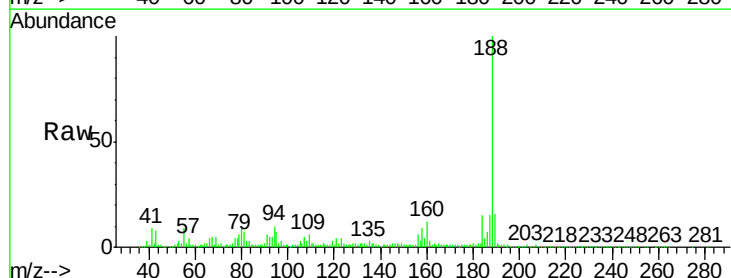
Tgt Ion:188 Resp: 840799

Ion Ratio Lower Upper

188 100

94 10.0 9.0 13.4

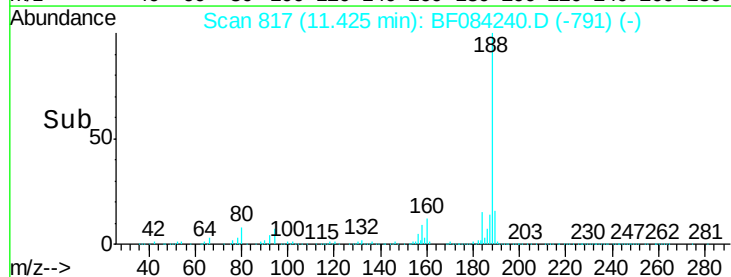
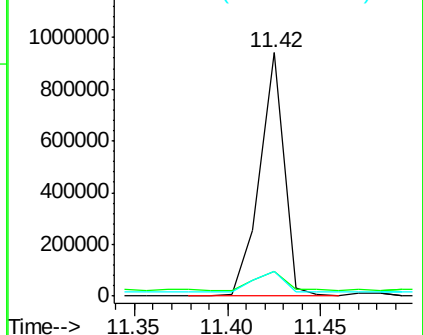
80 10.1 9.6 14.4

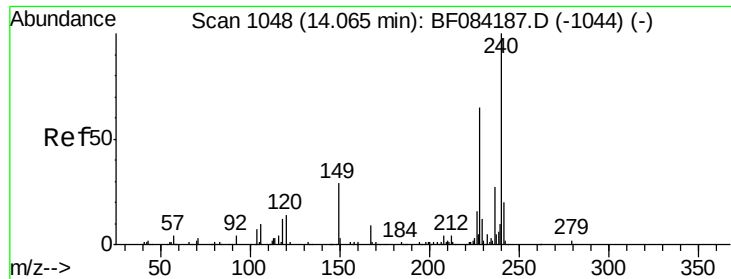


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.07 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF084240.D

Acq: 4 Jan 2016 15:50

Instrument :

BNA_F

ClientSampleId :

S8-0529

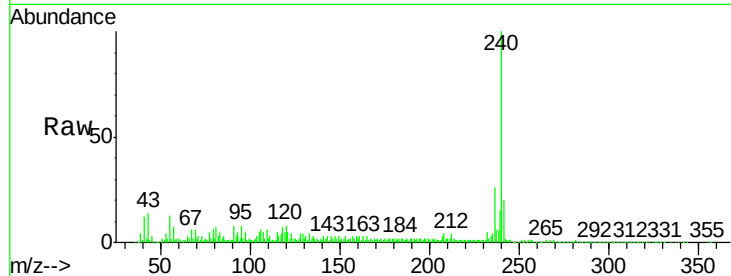
Tot Ion:240 Resp: 583326

Ion Ratio Lower Upper

240 100

120 7.9 9.5 14.3#

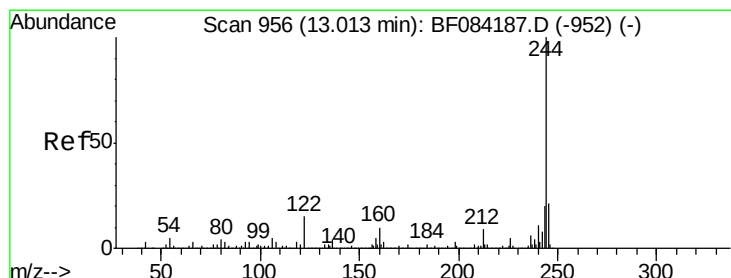
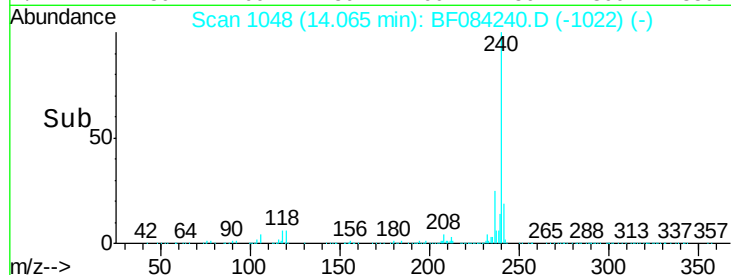
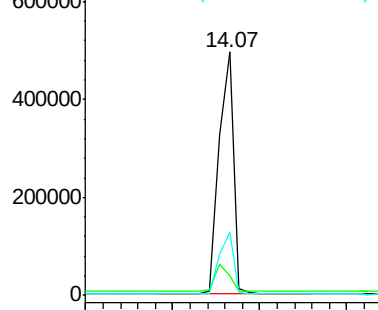
236 25.8 20.6 31.0



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: 69.79 ng

RT: 13.01 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF084240.D

Acq: 4 Jan 2016 15:50

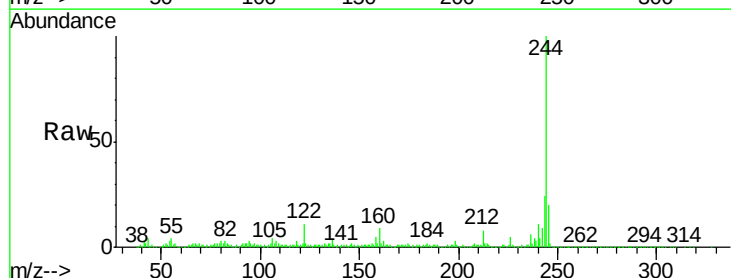
Tgt Ion:244 Resp: 1823689

Ion Ratio Lower Upper

244 100

212 7.8 5.7 8.5

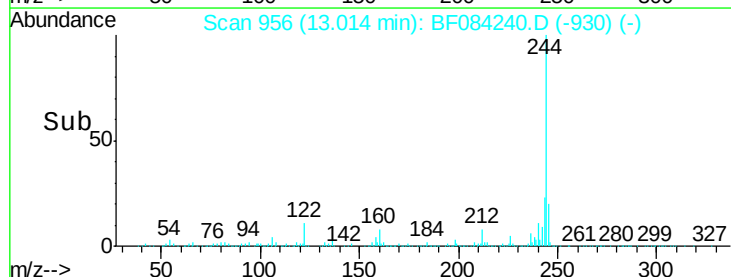
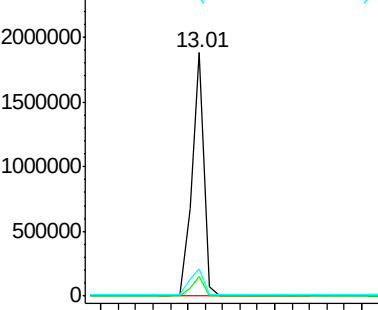
122 11.4 7.4 11.0#

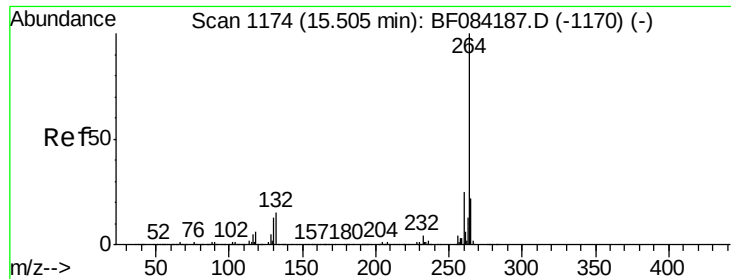


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

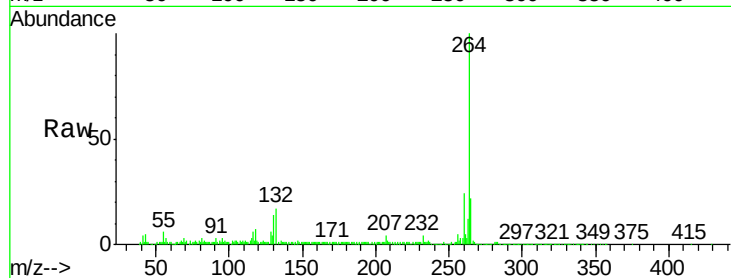




#86
Pervlène-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF084240.D
Acq: 4 Jan 2016 15:50

Instrument :
BNA_F
ClientSampleId :
S8-0529

Tot Ion:	264	Resp:	619073
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	22.0	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

