

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010716\
 Data File : BF084305.D
 Acq On : 7 Jan 2016 15:11
 Operator : SJ/UM
 Sample : PB87680BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87680BL

Quant Time: Jan 08 00:48:17 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	230427	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	982839	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	439875	20.00	ng	-0.05
63) Phenanthrene-d10	11.39	188	829325	20.00	ng	-0.03
75) Chrysene-d12	14.03	240	688377	20.00	ng	-0.03
86) Perylene-d12	15.46	264	522868	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1593974	111.89	ng	-0.01
7) Phenol-d6	6.51	99	1874716	104.78	ng	-0.02
23) Nitrobenzene-d5	7.44	82	1438784	81.47	ng	-0.03
41) 2,4,6-Tribromophenol	10.70	330	517711	116.58	ng	-0.03
44) 2-Fluorobiphenyl	9.23	172	2110895	84.37	ng	-0.03
78) Terphenyl-d14	12.98	244	1988737	64.49	ng	-0.03

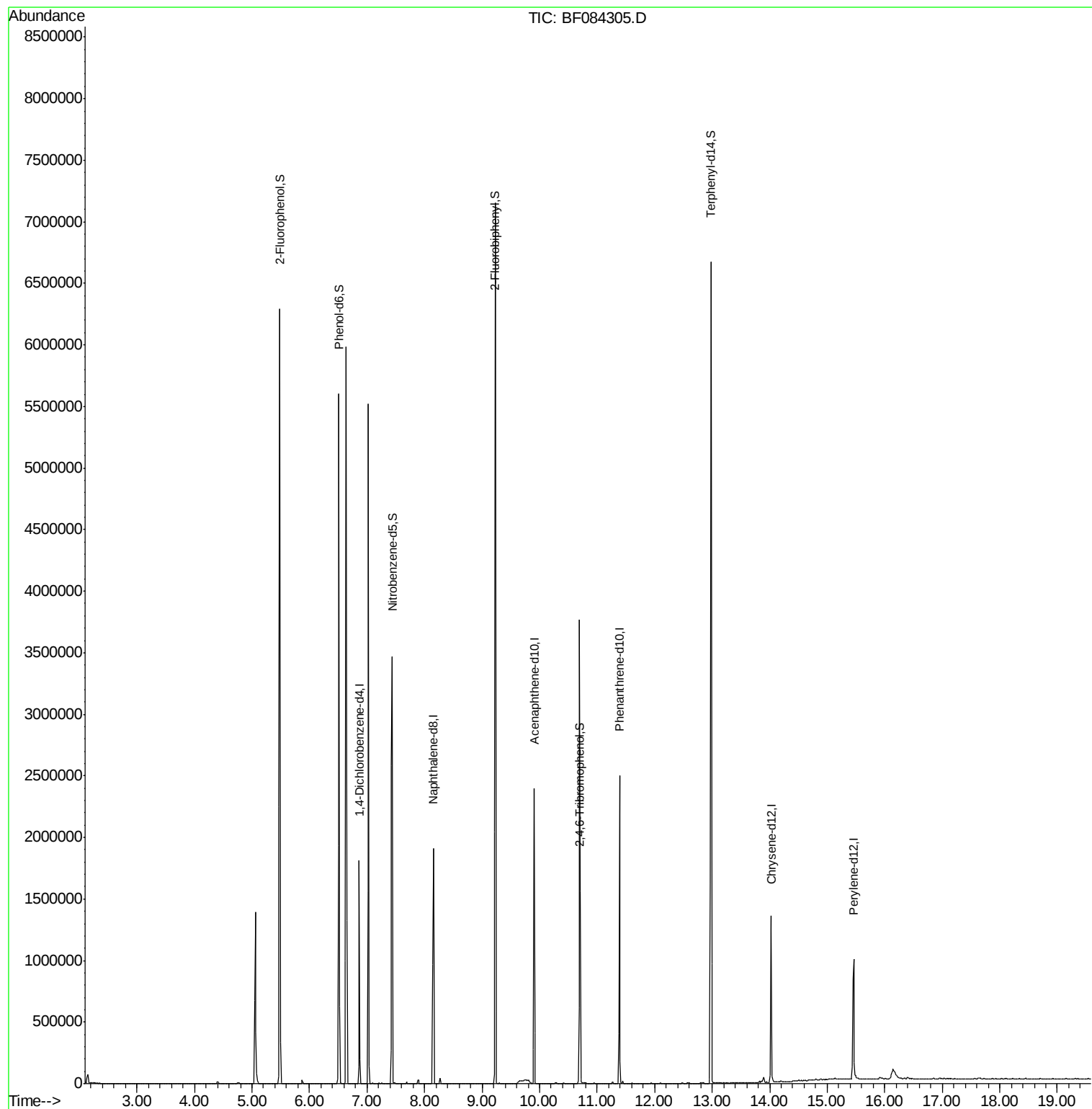
Target Compounds Qvalue

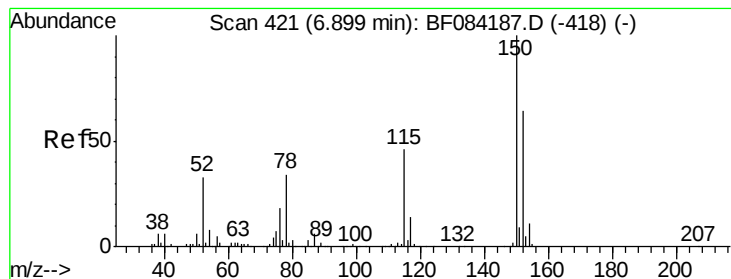
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jan 04 12:22:40 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.03 min

Lab File: BF084305.D

Acq: 7 Jan 2016 15:11

Instrument :

BNA_F

ClientSampleId :

PB87680BL

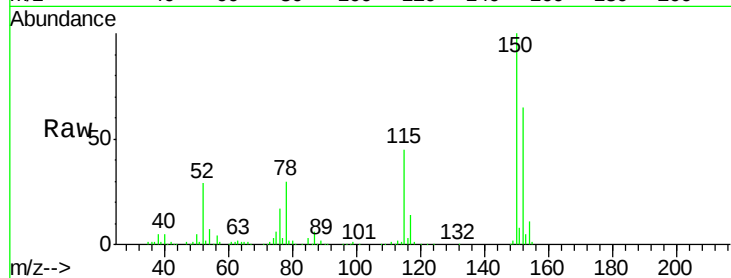
Tot Ion:152 Resp: 230427

Ion Ratio Lower Upper

152 100

150 154.2 123.0 184.4

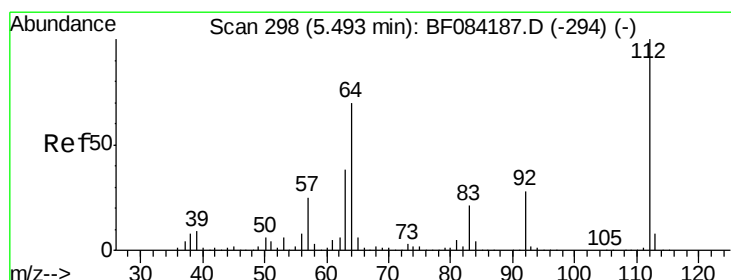
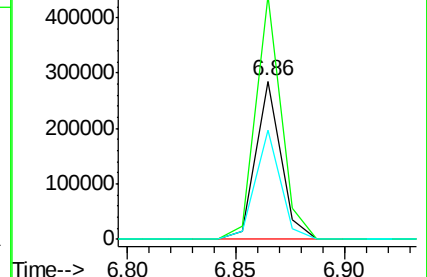
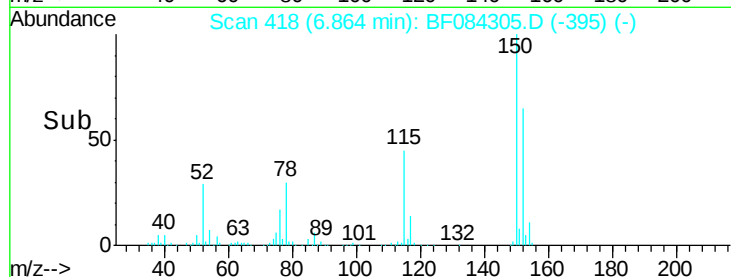
115 68.9 51.4 77.2



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: 111.89 ng

RT: 5.48 min Scan# 297

Delta R.T. -0.01 min

Lab File: BF084305.D

Acq: 7 Jan 2016 15:11

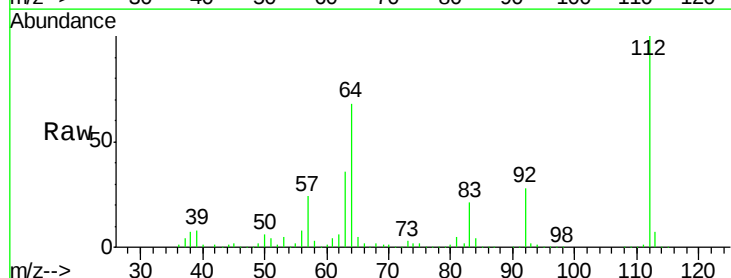
Tgt Ion:112 Resp: 1593974

Ion Ratio Lower Upper

112 100

64 67.7 36.6 55.0#

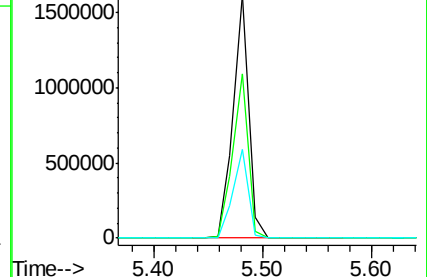
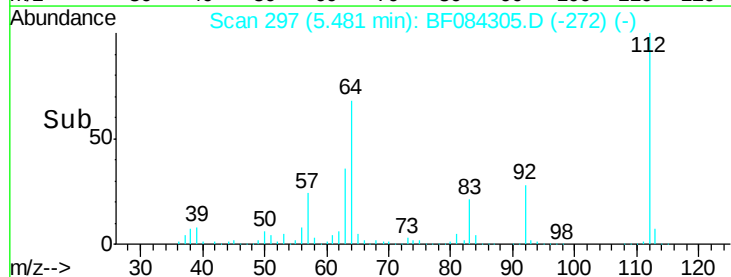
63 36.3 19.4 29.0#



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: 104.78 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF084305.D

Acq: 7 Jan 2016 15:11

Instrument :

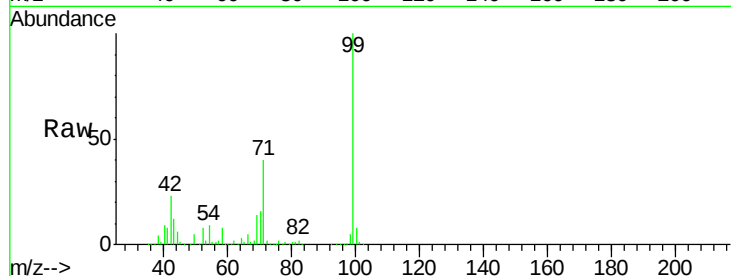
BNA_F

ClientSampleId :

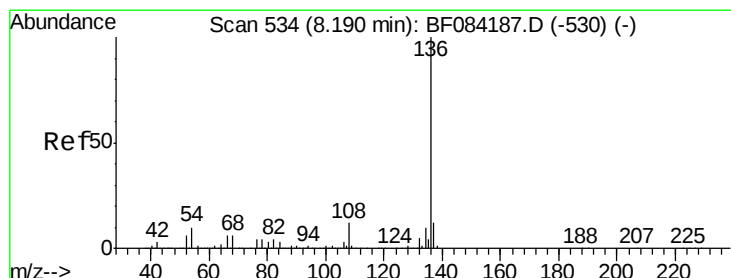
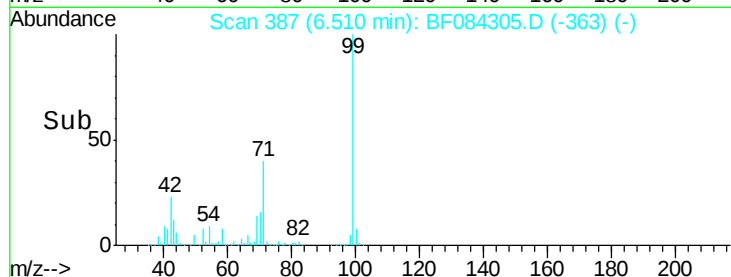
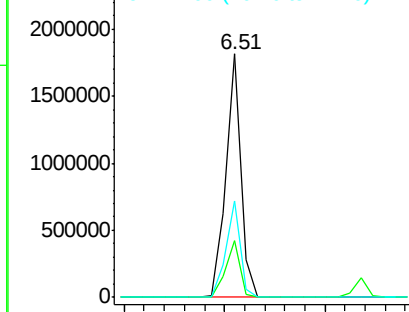
PB87680BL

Tot Ion: 99 Resp: 1874716

Ion	Ratio	Lower	Upper
99	100		
42	23.0	12.8	19.2#
71	39.7	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

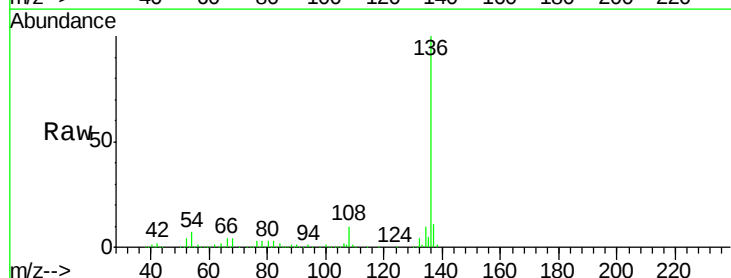
Delta R.T. -0.03 min

Lab File: BF084305.D

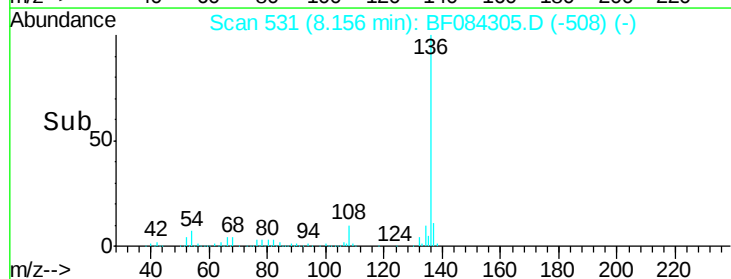
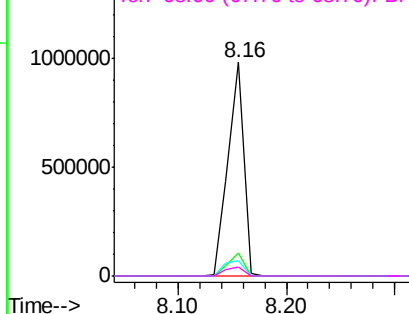
Acq: 7 Jan 2016 15:11

Tgt Ion: 136 Resp: 982839

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.3	5.8	8.8
68	4.2	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: 81.47 ng

RT: 7.44 min Scan# 468

Delta R.T. -0.03 min

Lab File: BF084305.D

Acq: 7 Jan 2016 15:11

Instrument :

BNA_F

ClientSampleId :

PB87680BL

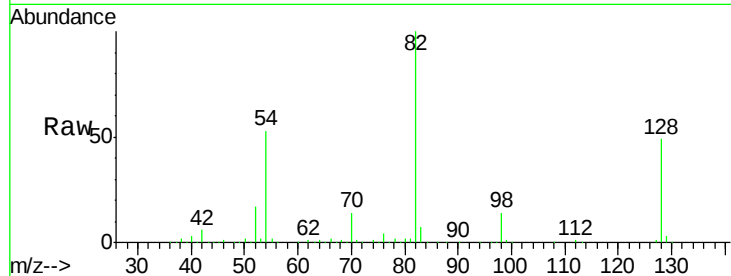
Tot Ion: 82 Resp: 1438784

Ion Ratio Lower Upper

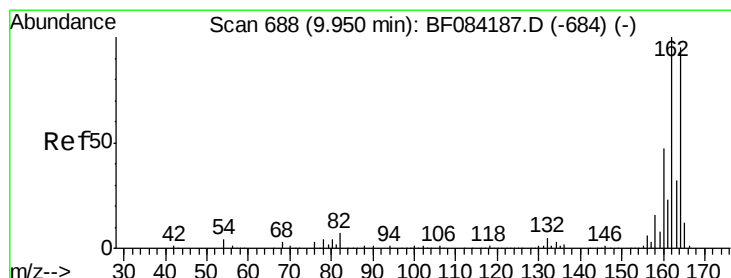
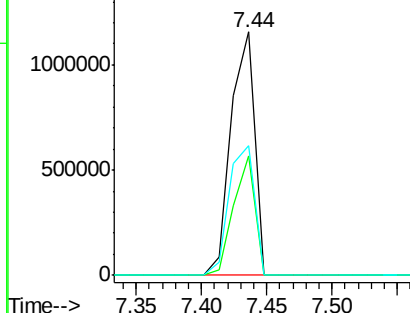
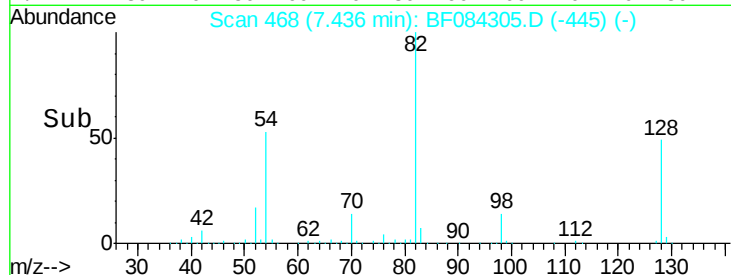
82 100

128 49.1 34.6 51.8

54 53.3 38.4 57.6



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: 9.90 min Scan# 684

Delta R.T. -0.05 min

Lab File: BF084305.D

Acq: 7 Jan 2016 15:11

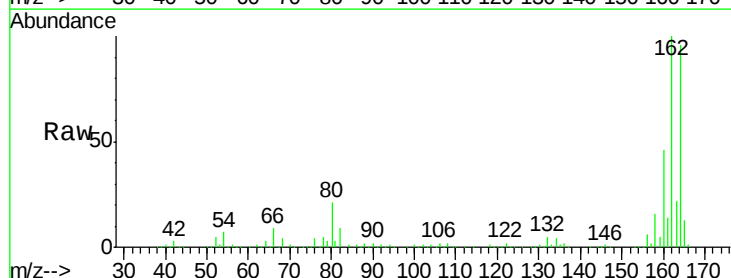
Tgt Ion:164 Resp: 439875

Ion Ratio Lower Upper

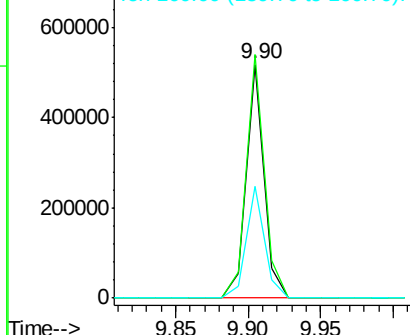
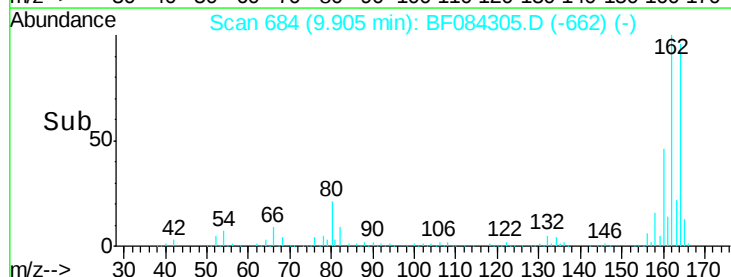
164 100

162 104.2 85.1 127.7

160 47.6 37.5 56.3



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

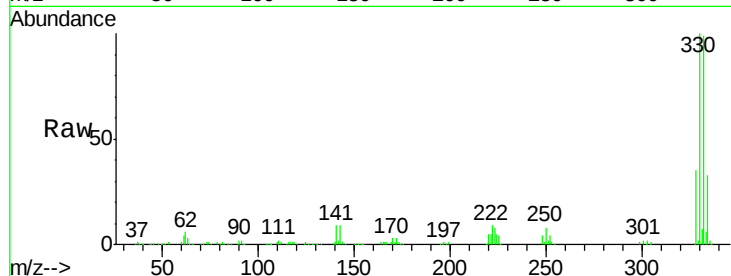




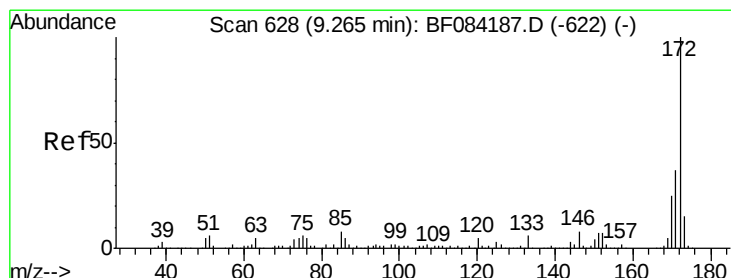
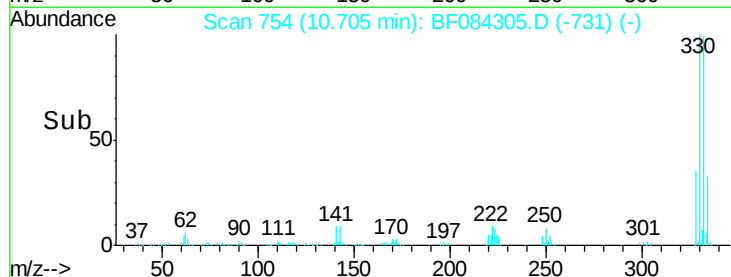
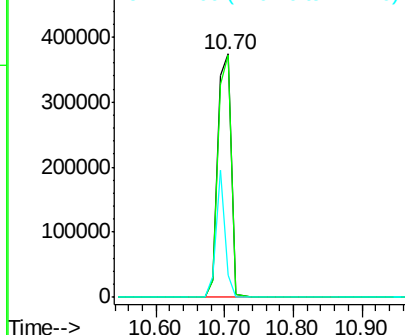
#41
 2,4,6-Tribromophenol
 Concen: 116.58 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.03 min
 Lab File: BF084305.D
 Acq: 7 Jan 2016 15:11

Instrument :
 BNA_F
 ClientSampleId :
 PB87680BL

Tot Ion:330 Resp: 517711
 Ion Ratio Lower Upper
 330 100
 332 97.9 76.6 114.8
 141 35.0 27.8 41.6

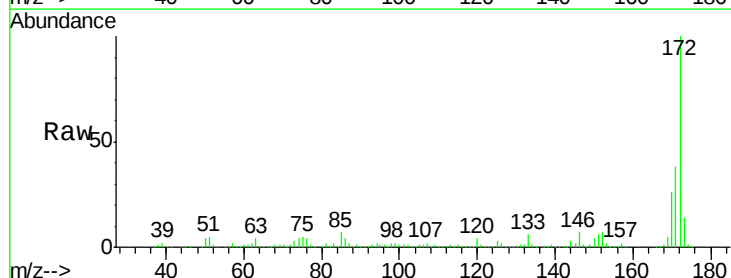


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

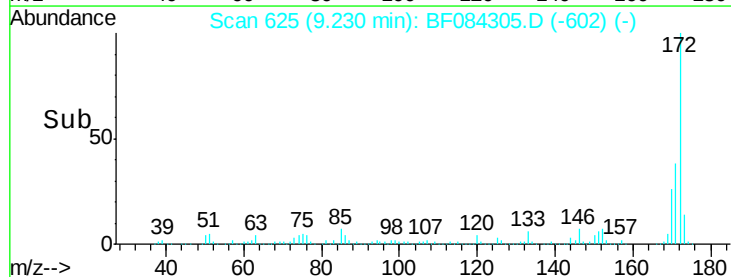
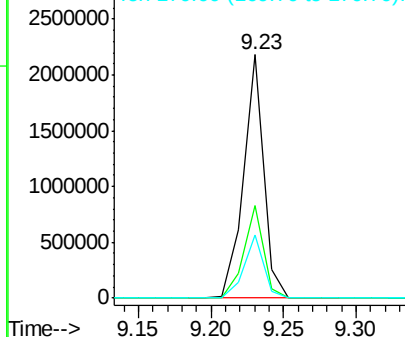


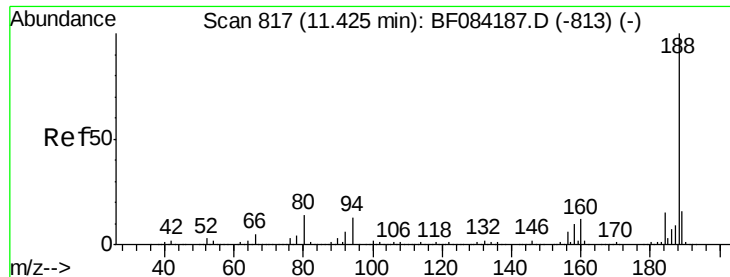
#44
 2-Fluorobiphenyl
 Concen: 84.37 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF084305.D
 Acq: 7 Jan 2016 15:11

Tgt Ion:172 Resp: 2110895
 Ion Ratio Lower Upper
 172 100
 171 37.9 28.9 43.3
 170 26.0 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

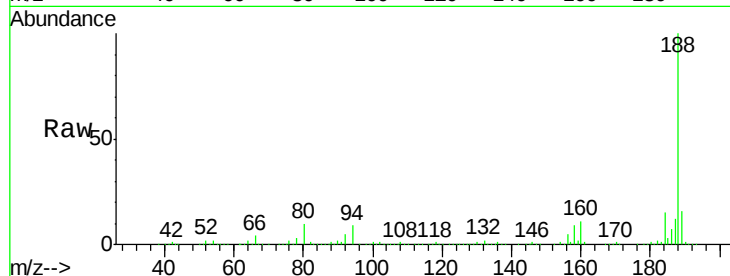




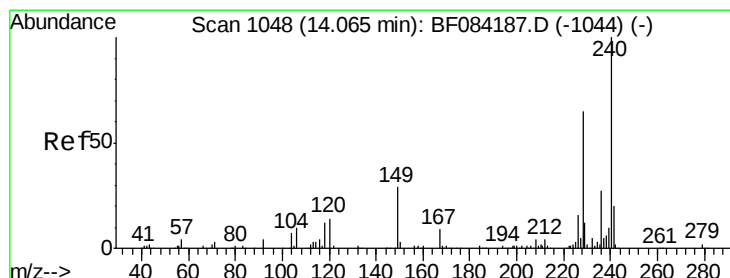
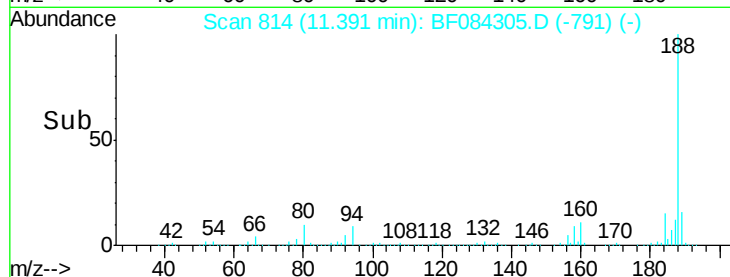
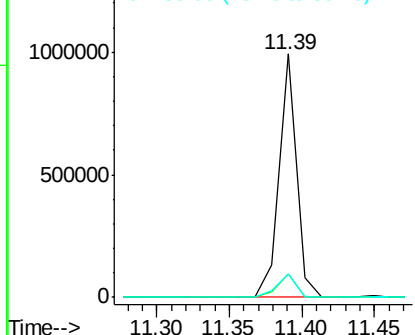
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.03 min
Lab File: BF084305.D
Acq: 7 Jan 2016 15:11

Instrument :
BNA_F
ClientSampleId :
PB87680BL

Tot Ion:188 Resp: 829325
Ion Ratio Lower Upper
188 100
94 9.4 9.0 13.4
80 9.6 9.6 14.4

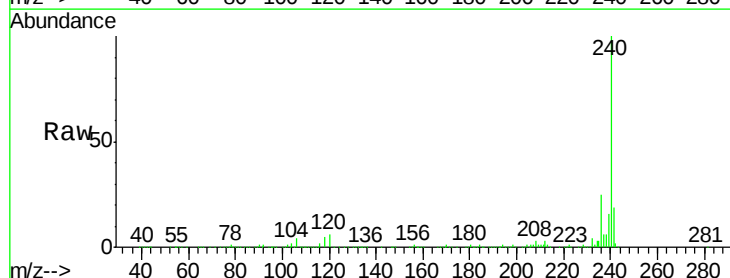


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

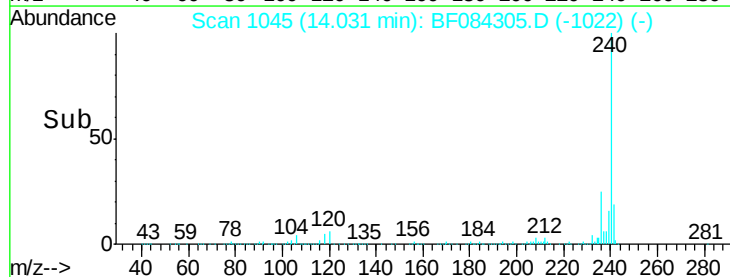
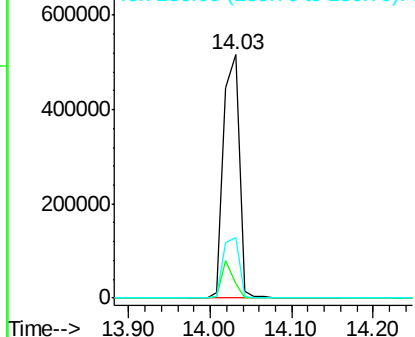


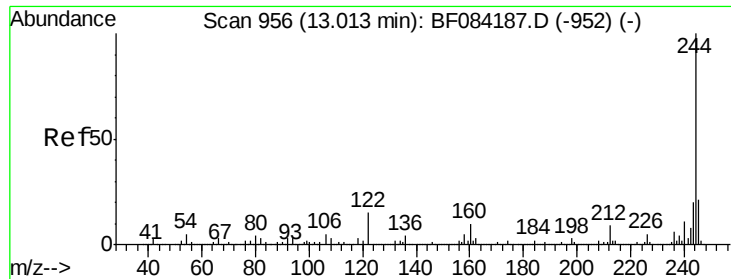
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 1045
Delta R.T. -0.03 min
Lab File: BF084305.D
Acq: 7 Jan 2016 15:11

Tgt Ion:240 Resp: 688377
Ion Ratio Lower Upper
240 100
120 6.2 9.5 14.3#
236 25.1 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

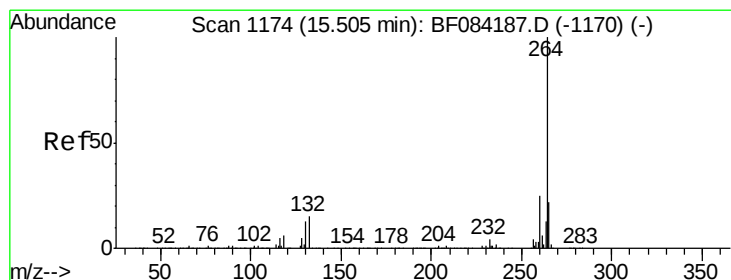
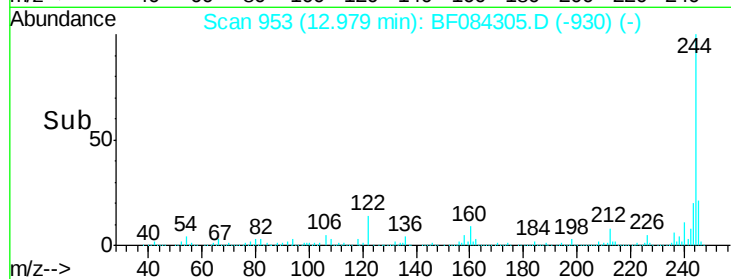
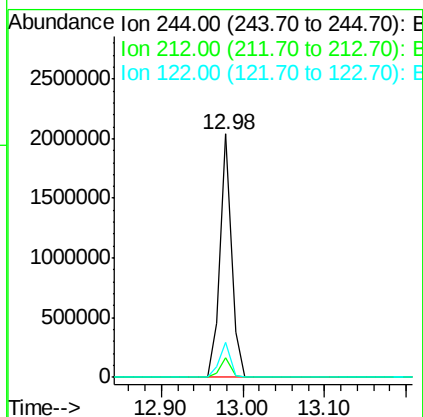
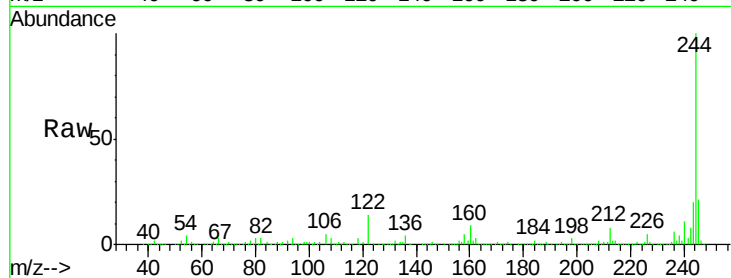




#78
 Terphenyl-d14
 Concen: 64.49 ng
 RT: 12.98 min Scan# 953
 Delta R.T. -0.03 min
 Lab File: BF084305.D
 Acq: 7 Jan 2016 15:11

Instrument :
 BNA_F
 ClientSampled :
 PB87680BL

Tot Ion:244 Resp: 1988737
 Ion Ratio Lower Upper
 244 100
 212 8.3 5.7 8.5
 122 14.2 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 1170
 Delta R.T. -0.05 min
 Lab File: BF084305.D
 Acq: 7 Jan 2016 15:11

Tgt Ion:264 Resp: 522868
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.2
 265 21.9 17.8 26.6

