

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012016\
 Data File : BF084568.D
 Acq On : 20 Jan 2016 16:54
 Operator : SJ/UM
 Sample : PB87882BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87882BL

Quant Time: Jan 20 22:28:15 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 14:15:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	212569	20.00	ng	-0.06
21) Naphthalene-d8	8.06	136	890315	20.00	ng	-0.06
38) Acenaphthene-d10	9.82	164	448900	20.00	ng	-0.05
63) Phenanthrene-d10	11.31	188	838122	20.00	ng	-0.05
75) Chrysene-d12	13.94	240	697214	20.00	ng	-0.06
86) Perylene-d12	15.35	264	531122	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1561328	118.80	ng	-0.05
7) Phenol-d6	6.43	99	2023959	122.62	ng	-0.05
23) Nitrobenzene-d5	7.34	82	1095328	68.47	ng	-0.06
41) 2,4,6-Tribromophenol	10.61	330	476158	105.07	ng	-0.06
44) 2-Fluorobiphenyl	9.15	172	2153889	84.36	ng	-0.05
78) Terphenyl-d14	12.90	244	2011942	64.41	ng	-0.05

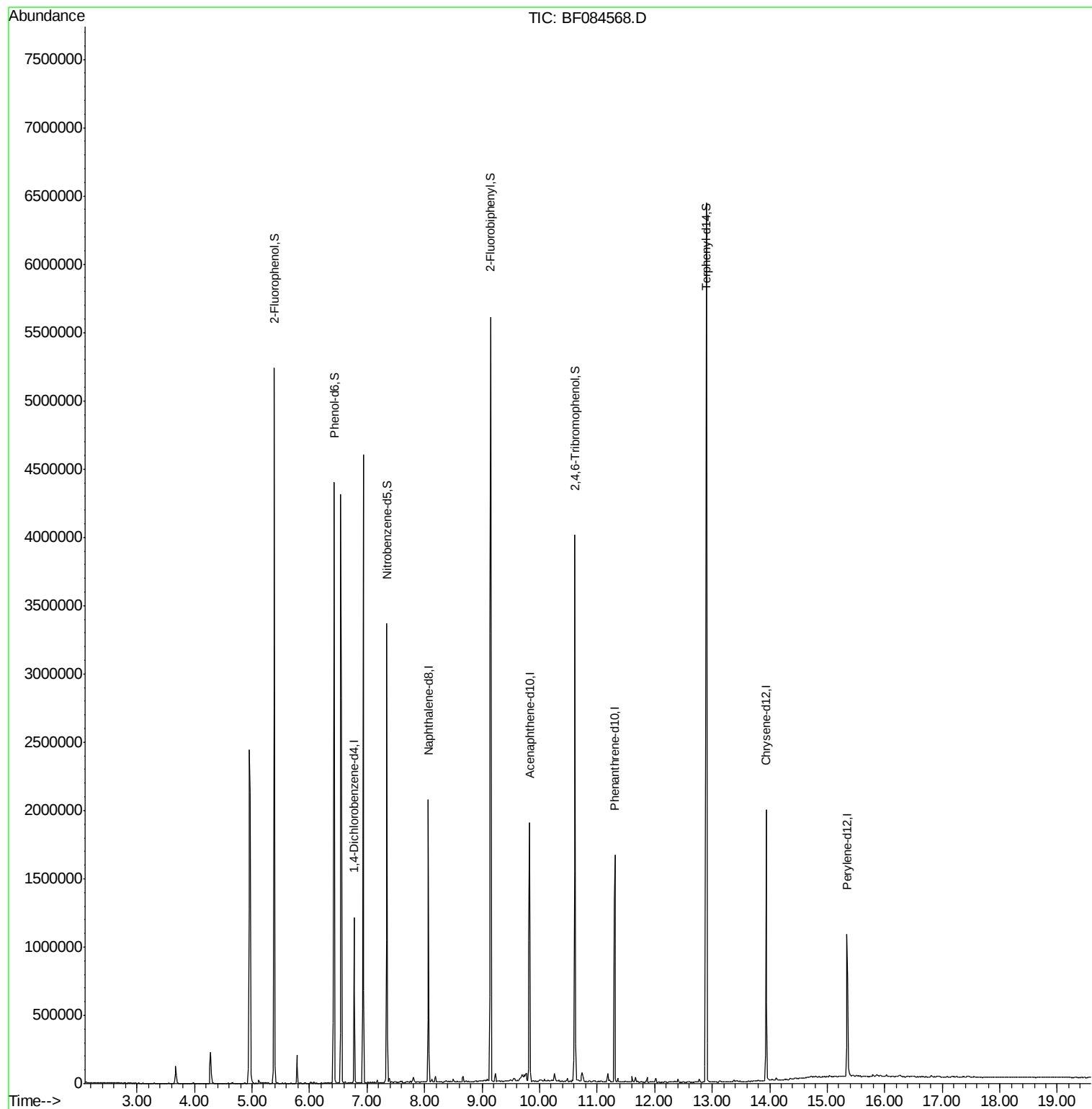
Target Compounds Qvalue

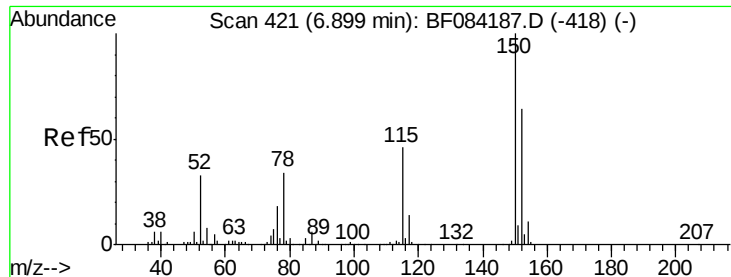
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jan 14 14:15:52 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.06 min

Lab File: BF084568.D

Acq: 20 Jan 2016 16:54

Instrument :

BNA_F

ClientSampleId :

PB87882BL

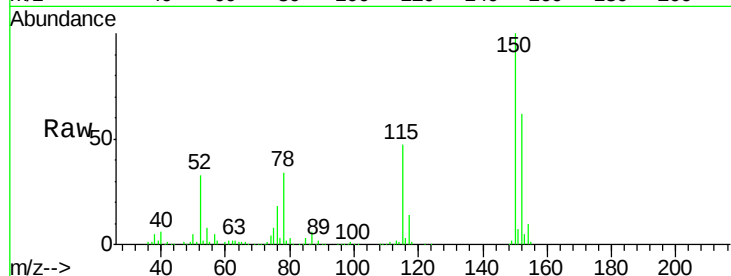
Tot Ion:152 Resp: 212569

Ion Ratio Lower Upper

152 100

150 160.6 123.0 184.4

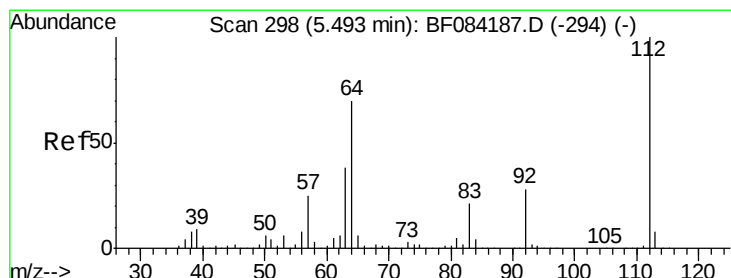
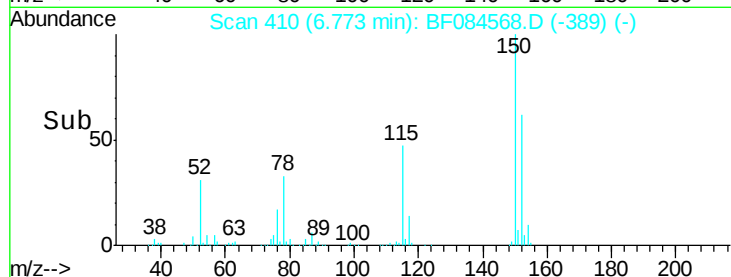
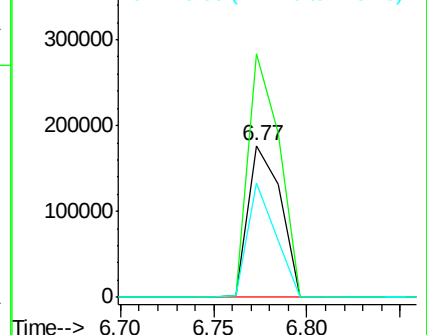
115 75.5 51.4 77.2



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: 118.80 ng

RT: 5.39 min Scan# 289

Delta R.T. -0.05 min

Lab File: BF084568.D

Acq: 20 Jan 2016 16:54

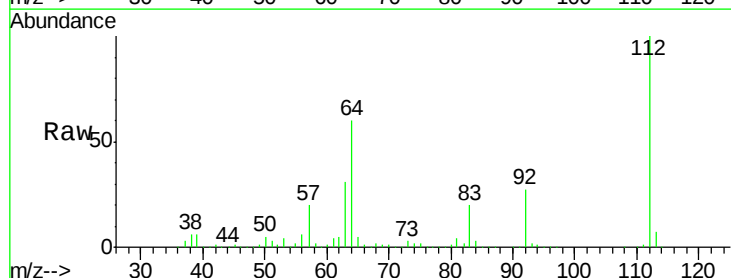
Tgt Ion:112 Resp: 1561328

Ion Ratio Lower Upper

112 100

64 59.9 36.6 55.0#

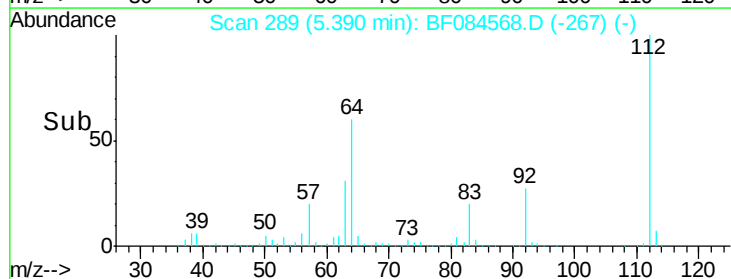
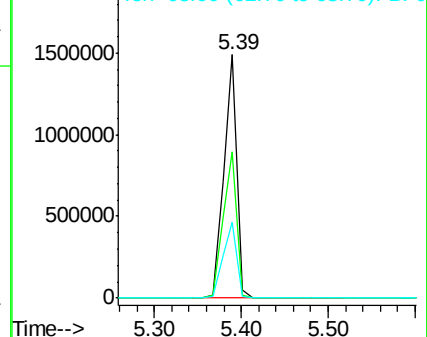
63 31.1 19.4 29.0#

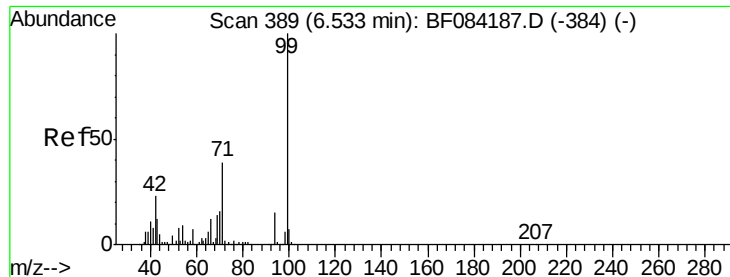


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 122.62 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.05 min

Lab File: BF084568.D

Acq: 20 Jan 2016 16:54

Instrument :

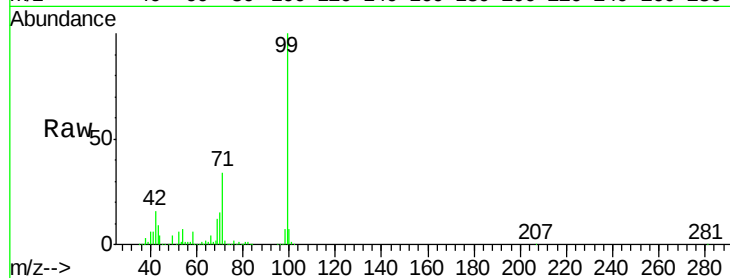
BNA_F

ClientSampleId :

PB87882BL

Tot Ion: 99 Resp: 2023959

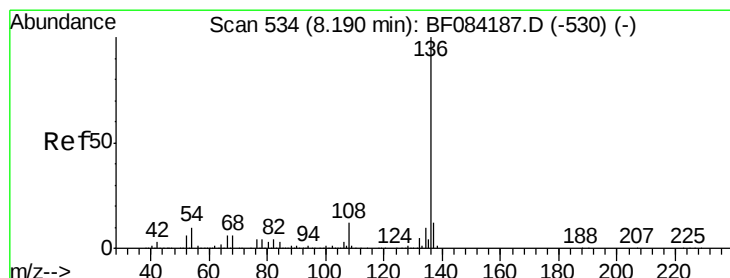
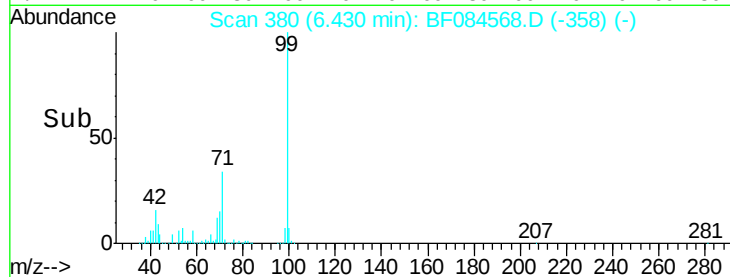
Ion	Ratio	Lower	Upper
99	100		
42	16.3	12.8	19.2
71	33.9	30.9	46.3



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: 8.06 min Scan# 523

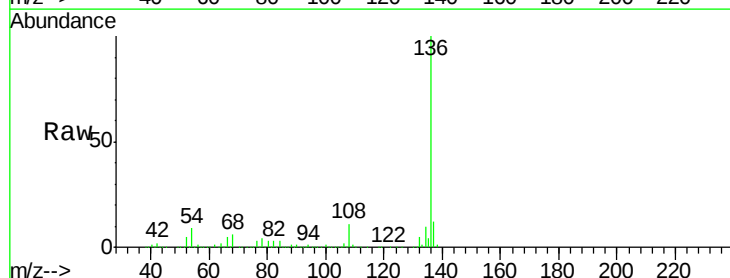
Delta R.T. -0.06 min

Lab File: BF084568.D

Acq: 20 Jan 2016 16:54

Tgt Ion:136 Resp: 890315

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	8.9	5.8	8.8#
68	5.5	4.2	6.2

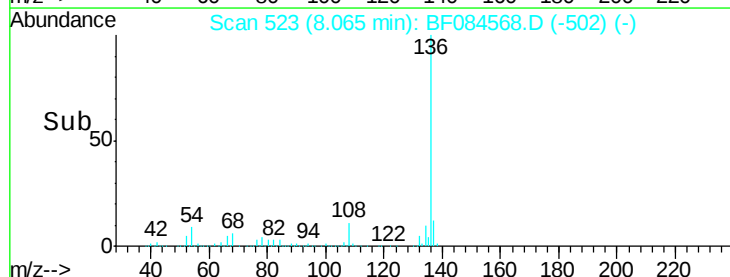


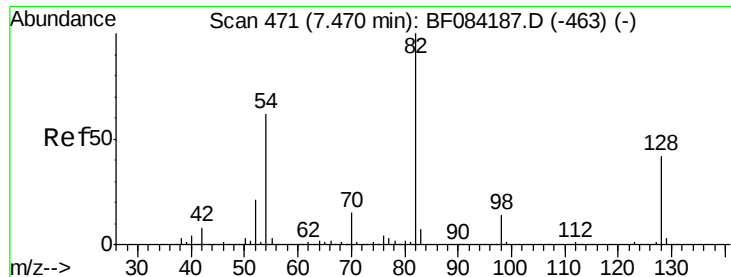
Abundance Ion 136.00 (135.70 to 136.70): E

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

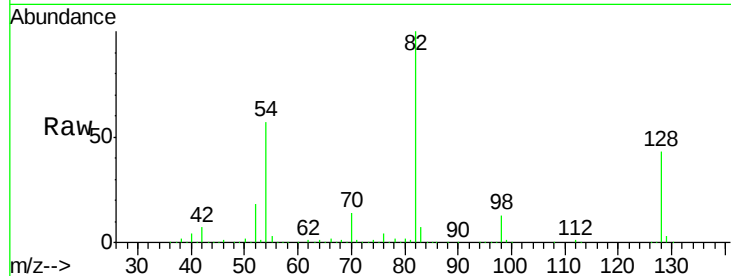




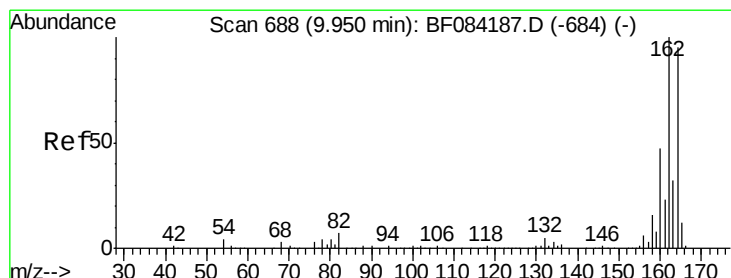
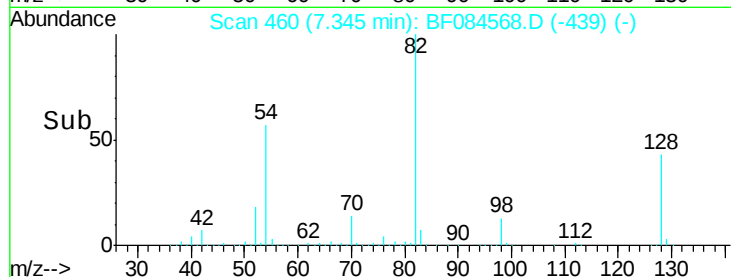
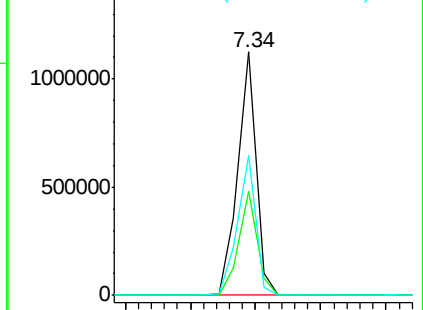
#23
Nitrobenzene-d5
Concen: 68.47 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.06 min
Lab File: BF084568.D
Acq: 20 Jan 2016 16:54

Instrument :
BNA_F
ClientSampleId :
PB87882BL

Tot Ion: 82 Resp: 1095328
Ion Ratio Lower Upper
82 100
128 42.7 34.6 51.8
54 57.5 38.4 57.6

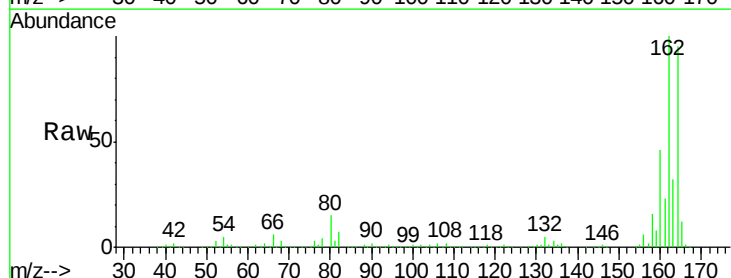


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

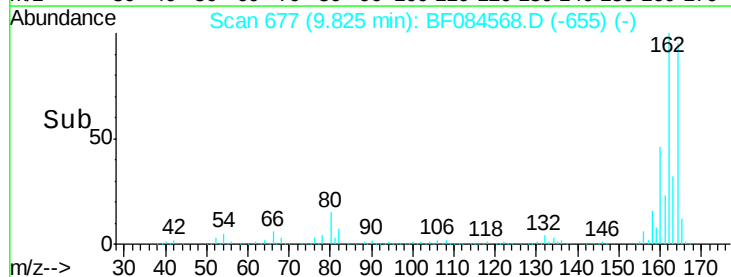
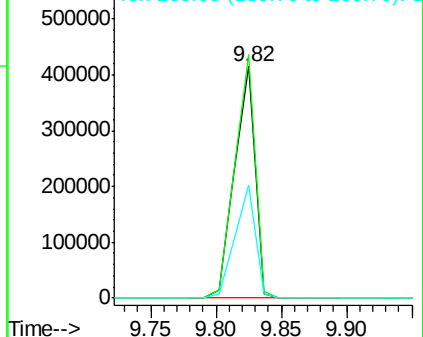


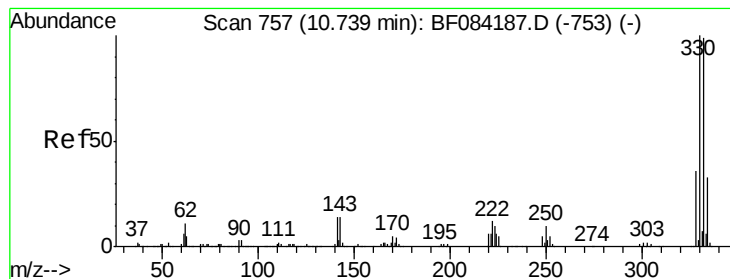
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.05 min
Lab File: BF084568.D
Acq: 20 Jan 2016 16:54

Tgt Ion:164 Resp: 448900
Ion Ratio Lower Upper
164 100
162 105.2 85.1 127.7
160 48.7 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: 105.07 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.06 min

Lab File: BF084568.D

Acq: 20 Jan 2016 16:54

Instrument :

BNA_F

ClientSampleId :

PB87882BL

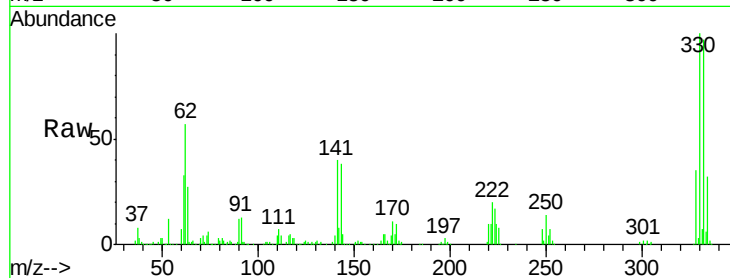
Tot Ion:330 Resp: 476158

Ion Ratio Lower Upper

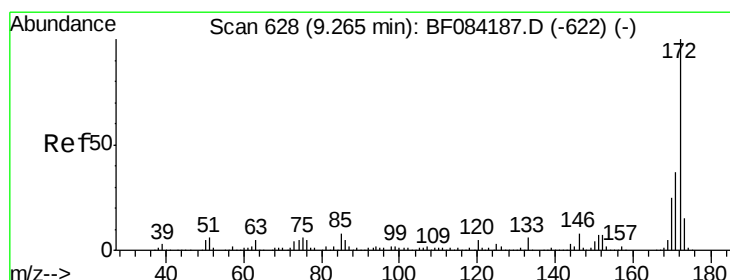
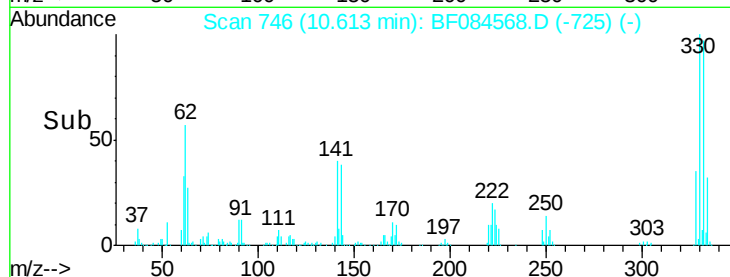
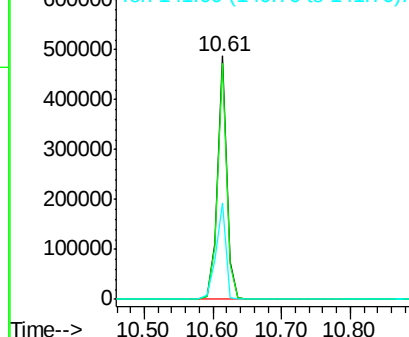
330 100

332 95.8 76.6 114.8

141 41.8 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: 84.36 ng

RT: 9.15 min Scan# 618

Delta R.T. -0.05 min

Lab File: BF084568.D

Acq: 20 Jan 2016 16:54

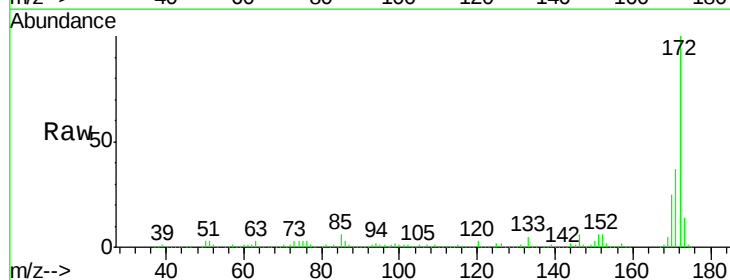
Tgt Ion:172 Resp: 2153889

Ion Ratio Lower Upper

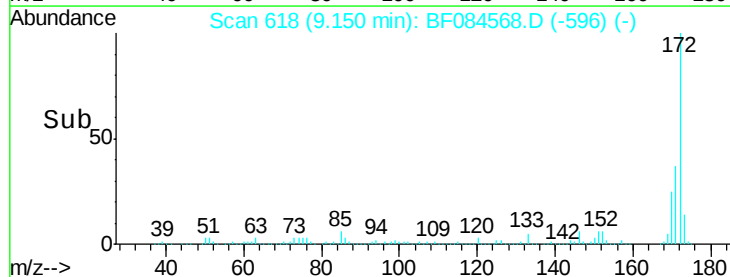
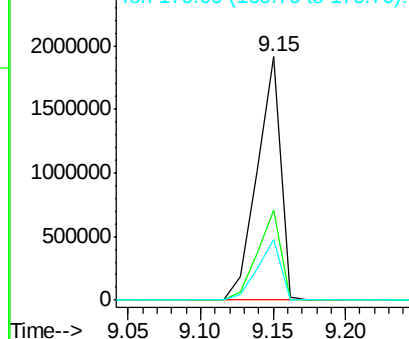
172 100

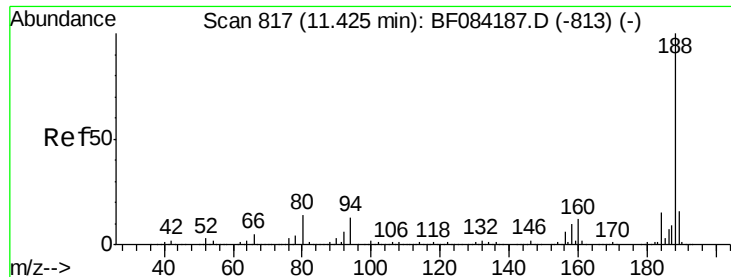
171 37.2 28.9 43.3

170 25.1 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

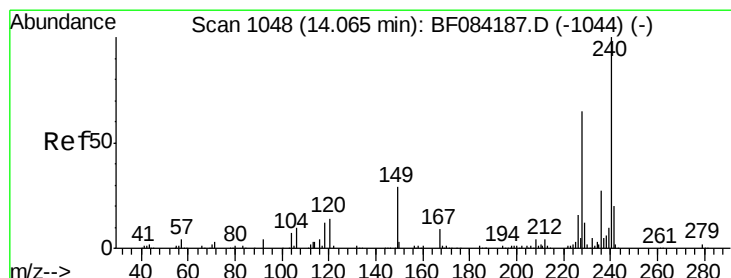
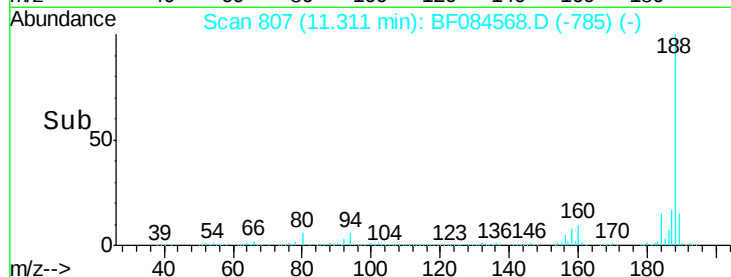
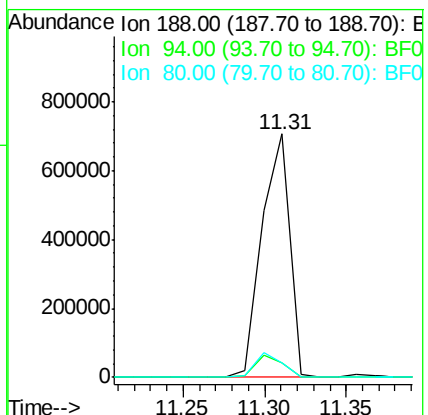
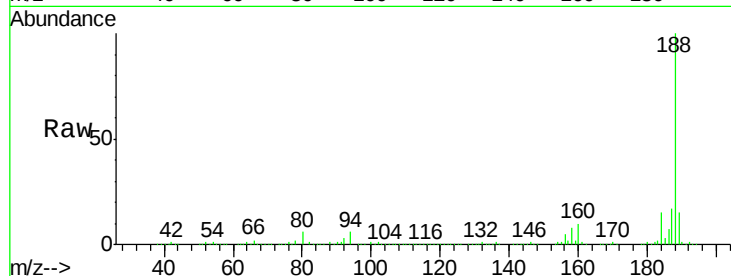




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.05 min
Lab File: BF084568.D
Acq: 20 Jan 2016 16:54

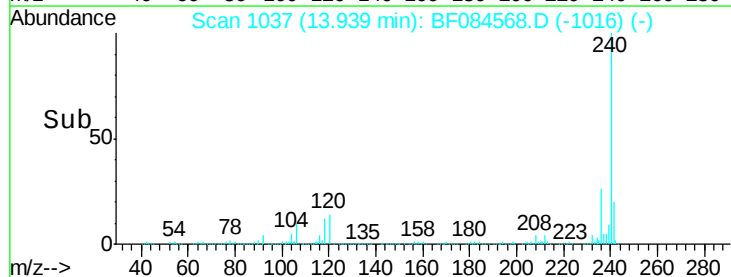
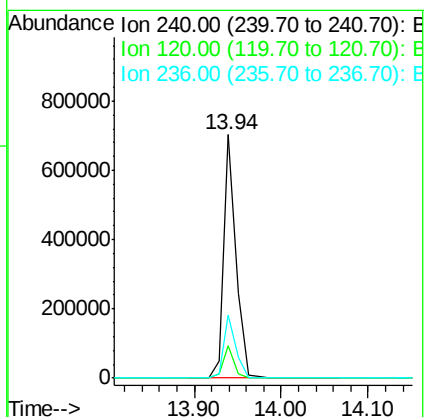
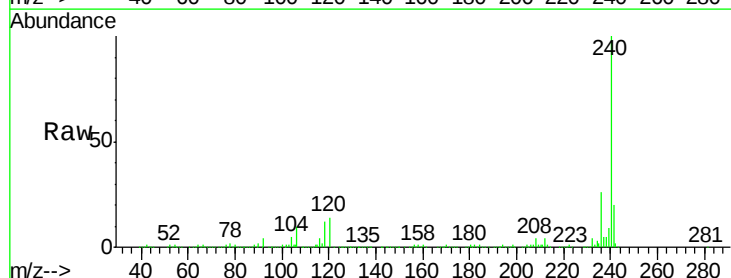
Instrument :
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PB87882BL

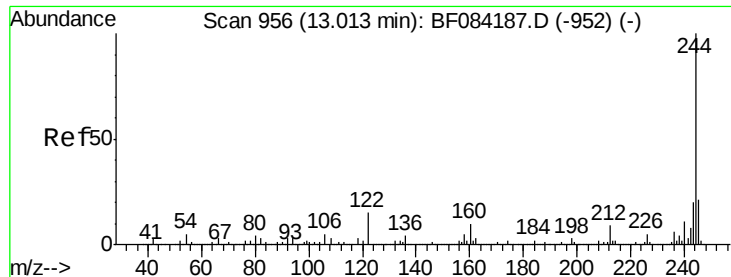
Tot Ion:188 Resp: 838122
Ion Ratio Lower Upper
188 100
94 6.0 9.0 13.4#
80 5.9 9.6 14.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.06 min
Lab File: BF084568.D
Acq: 20 Jan 2016 16:54

Tgt Ion:240 Resp: 697214
Ion Ratio Lower Upper
240 100
120 13.6 9.5 14.3
236 25.8 20.6 31.0

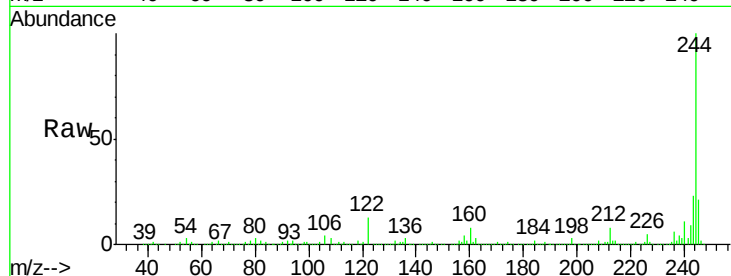




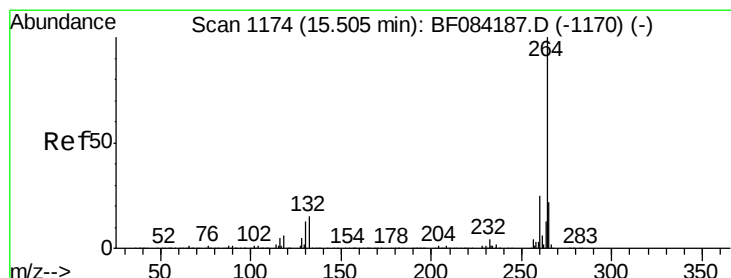
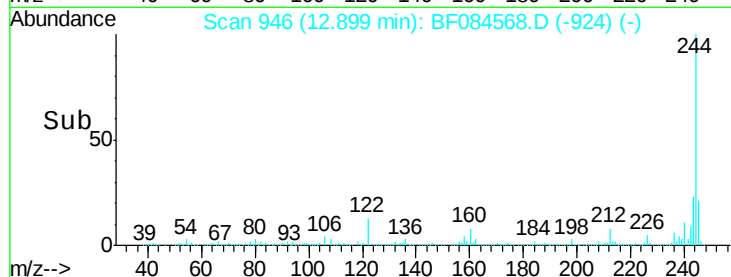
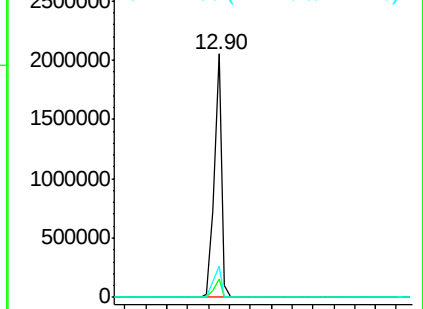
#78
 Terphenyl-d14
 Concen: 64.41 ng
 RT: 12.90 min Scan# 946
 Delta R.T. -0.05 min
 Lab File: BF084568.D
 Acq: 20 Jan 2016 16:54

Instrument :
 BNA_F
 ClientSampled :
 PB87882BL

Tot Ion:244 Resp: 2011942
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.7 8.5
 122 12.8 7.4 11.0#

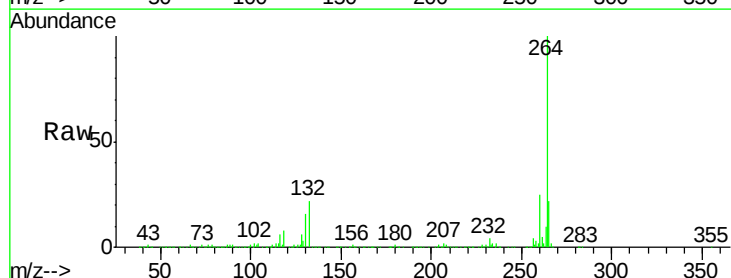


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1160
 Delta R.T. -0.07 min
 Lab File: BF084568.D
 Acq: 20 Jan 2016 16:54

Tgt Ion:264 Resp: 531122
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.4 29.2
 265 21.6 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

