

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061716\
 Data File : BF088124.D
 Acq On : 18 Jun 2016 6:58
 Operator : UM/SJ
 Sample : H3574-10
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MVILLE-FB-1-6-10-16

Quant Time: Jun 20 00:49:34 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 17 16:09:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	106656	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	438728	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	213660	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	365122	20.00	ng	0.00
75) Chrysene-d12	13.84	240	258550	20.00	ng	-0.01
86) Perylene-d12	15.22	264	205318	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	385130	61.73	ng	0.02
7) Phenol-d6	6.35	99	308518	40.80	ng	0.00
23) Nitrobenzene-d5	7.27	82	519896	69.20	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	196015	86.89	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	951643	68.92	ng	-0.01
78) Terphenyl-d14	12.80	244	808201	71.13	ng	0.00

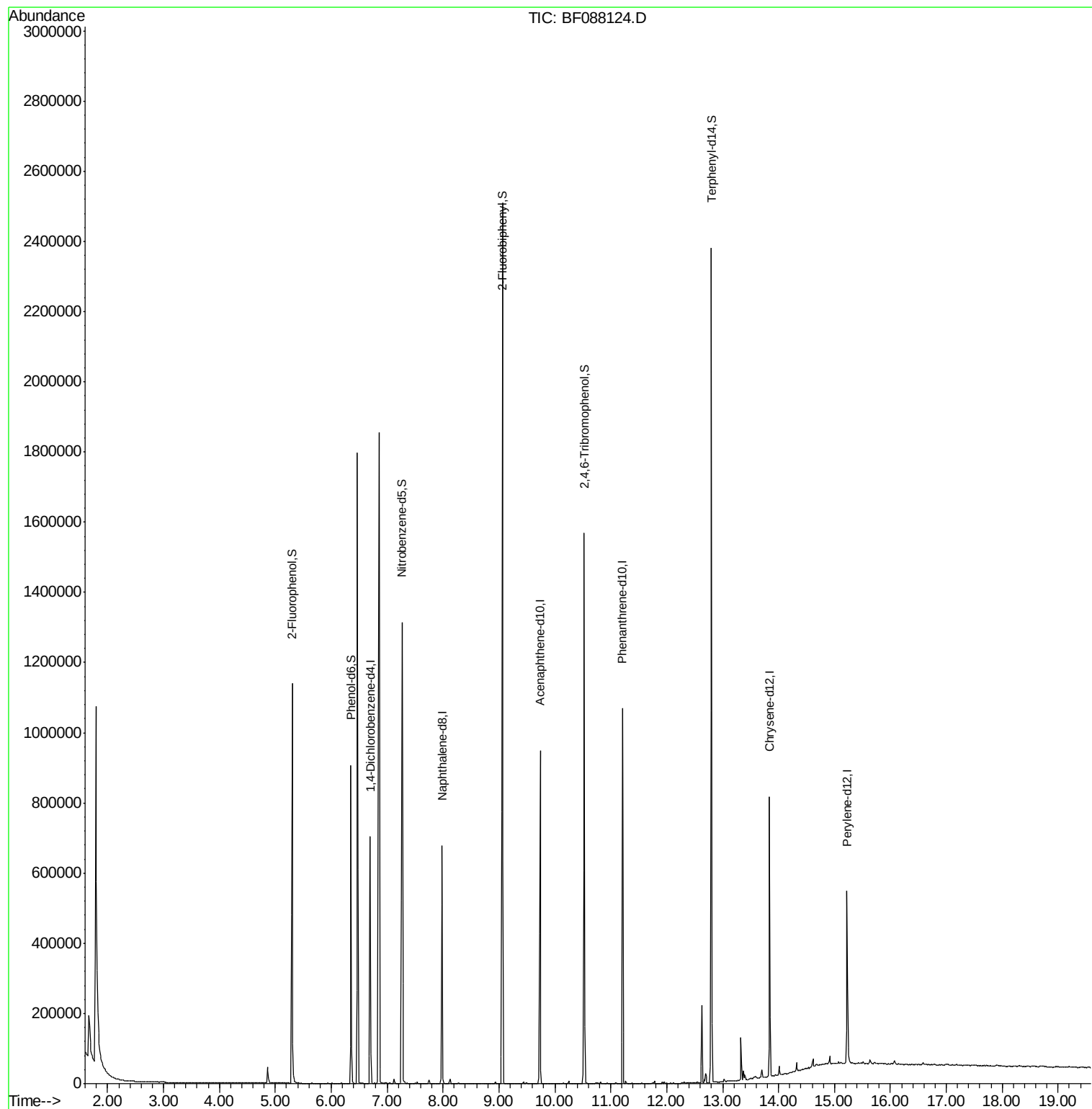
Target Compounds Qvalue

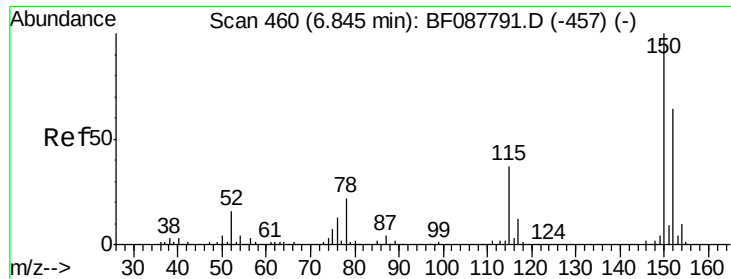
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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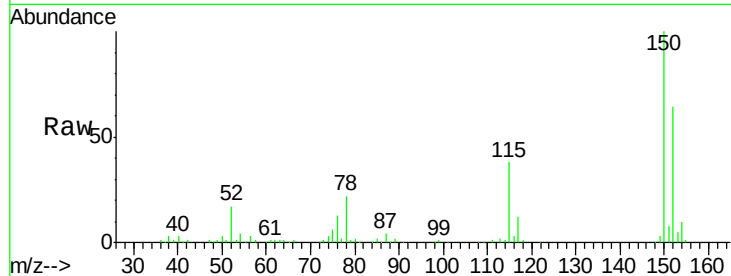


#1

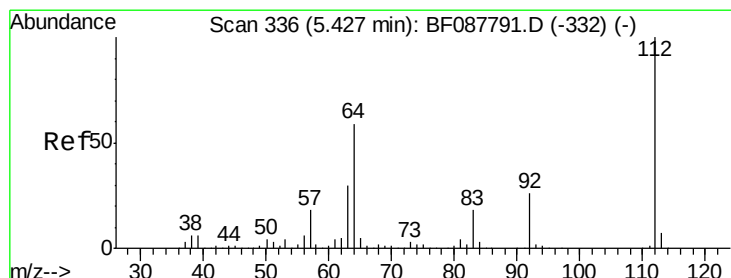
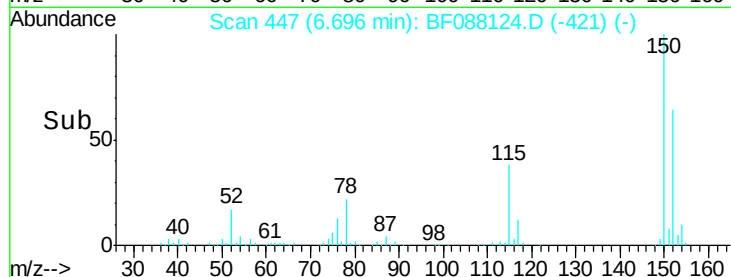
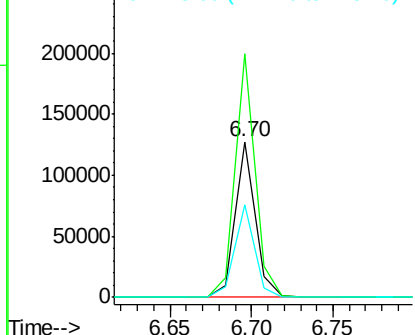
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF088124.D
Acq: 18 Jun 2016 6:58

Instrument :
BNA_F
ClientSampleId :
MVILLE-FB-1-6-10-16

Tot Ion:152 Resp: 106656
Ion Ratio Lower Upper
152 100
150 156.5 123.8 185.6
115 59.7 39.6 59.4#



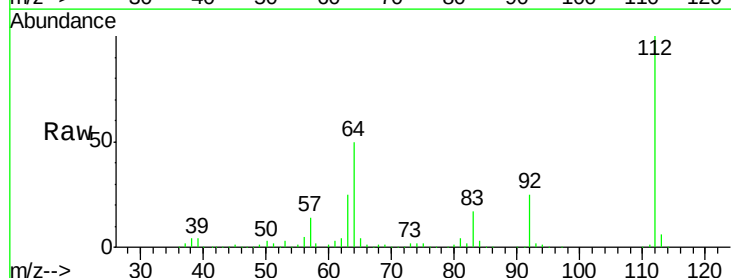
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



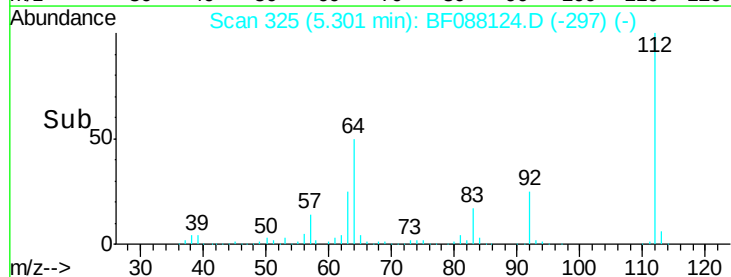
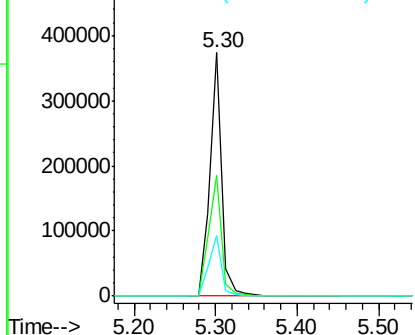
#5

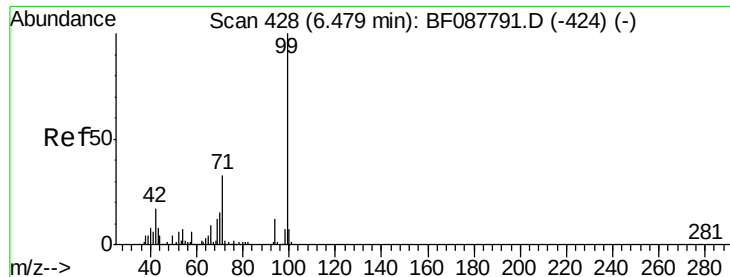
2-Fluorophenol
Concen: 61.73 ng
RT: 5.30 min Scan# 325
Delta R.T. 0.02 min
Lab File: BF088124.D
Acq: 18 Jun 2016 6:58

Tgt Ion:112 Resp: 385130
Ion Ratio Lower Upper
112 100
64 49.7 42.2 63.2
63 25.1 21.8 32.8



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: 40.80 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF088124.D

Acq: 18 Jun 2016 6:58

Instrument :

BNA_F

ClientSampleId :

MVILLE-FB-1-6-10-16

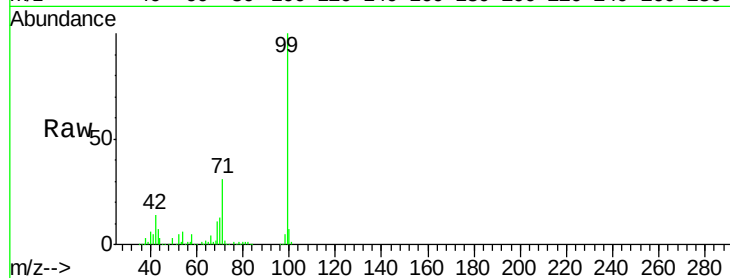
Tot Ion: 99 Resp: 308518

Ion Ratio Lower Upper

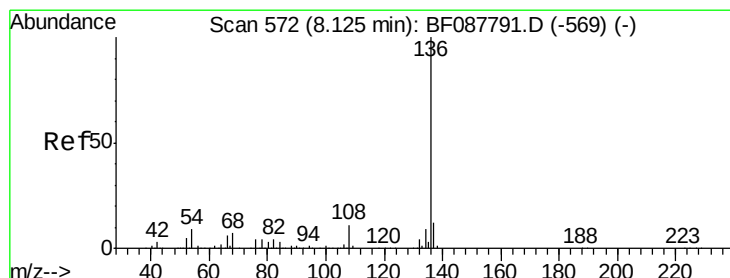
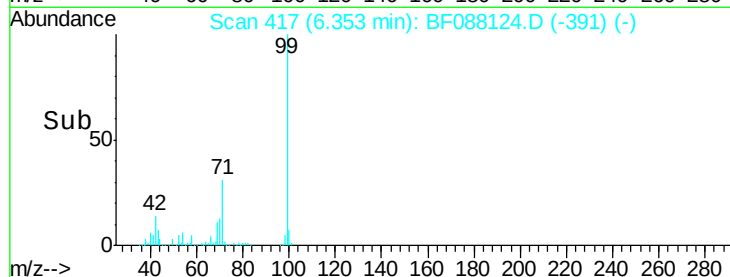
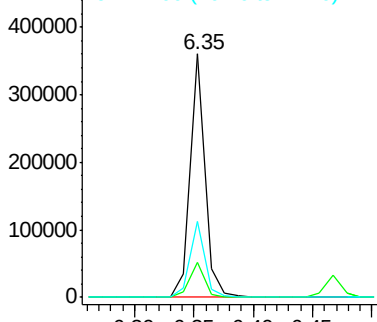
99 100

42 14.4 12.2 18.2

71 31.4 23.4 35.0



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: 7.99 min Scan# 560

Delta R.T. -0.00 min

Lab File: BF088124.D

Acq: 18 Jun 2016 6:58

Tgt Ion: 136 Resp: 438728

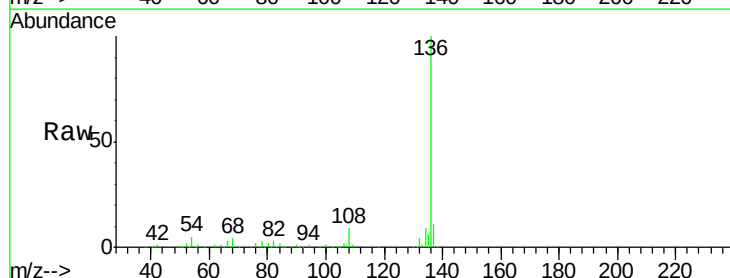
Ion Ratio Lower Upper

136 100

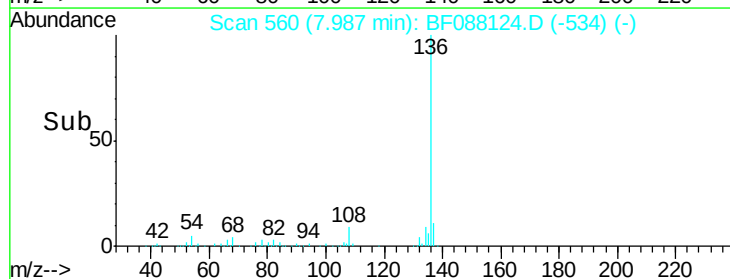
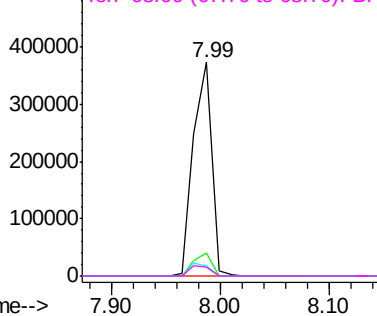
137 10.7 9.1 13.7

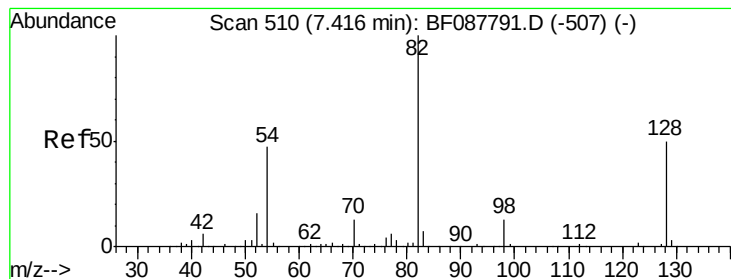
54 4.8 6.6 10.0#

68 4.4 5.1 7.7#



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: 69.20 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF088124.D

Acq: 18 Jun 2016 6:58

Instrument :

BNA_F

ClientSampleId :

MVIL-16-10-16

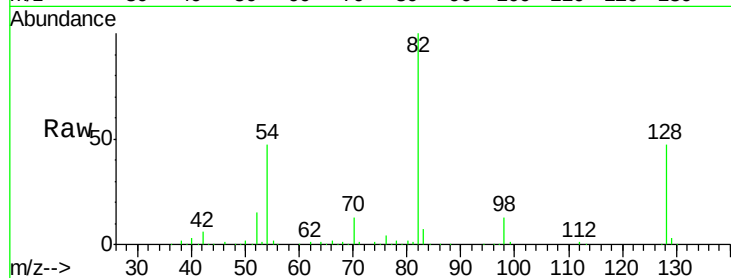
Tot Ion: 82 Resp: 519896

Ion Ratio Lower Upper

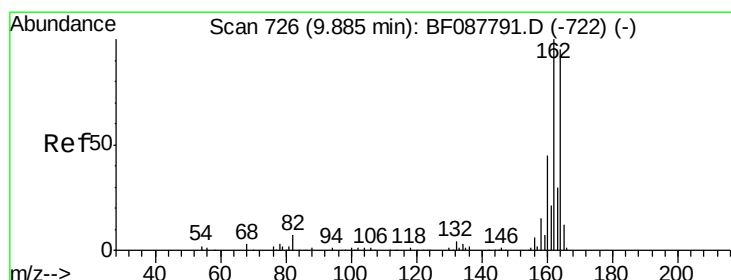
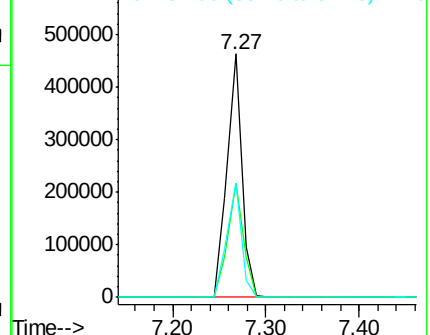
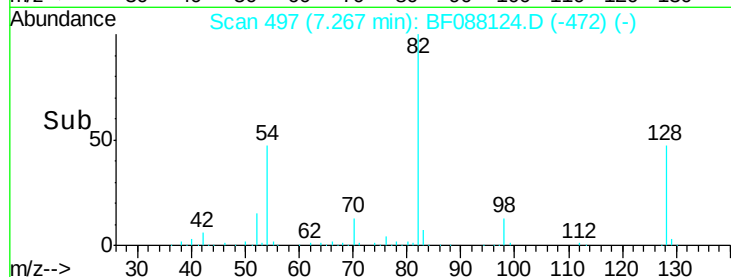
82 100

128 47.1 35.9 53.9

54 46.8 40.9 61.3



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: 9.74 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF088124.D

Acq: 18 Jun 2016 6:58

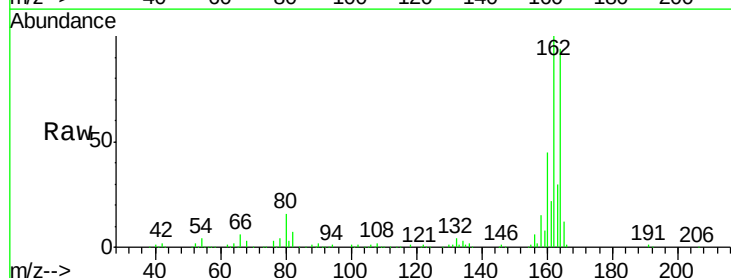
Tgt Ion:164 Resp: 213660

Ion Ratio Lower Upper

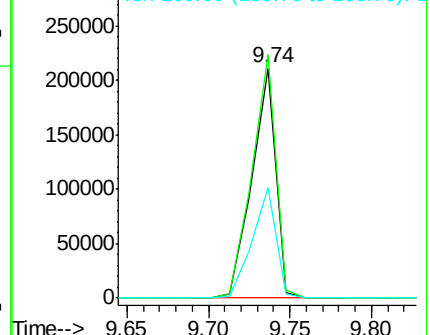
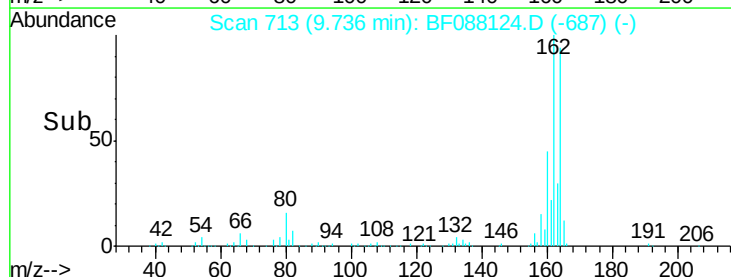
164 100

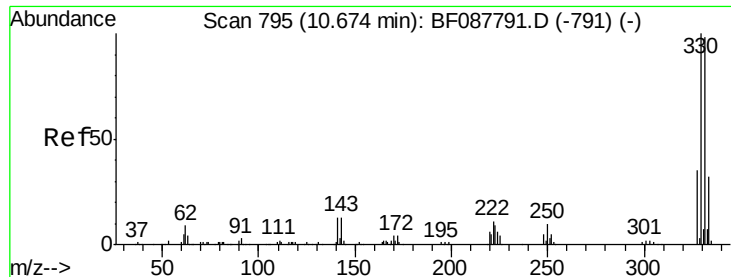
162 105.8 85.4 128.2

160 48.1 39.5 59.3



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

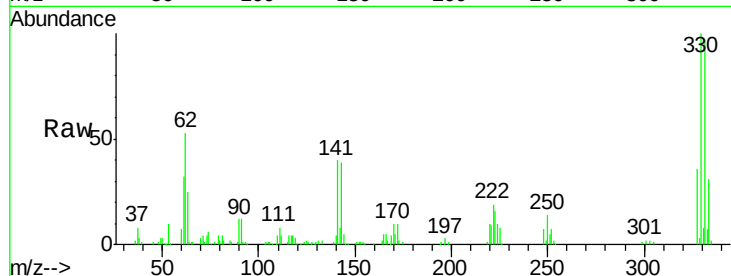




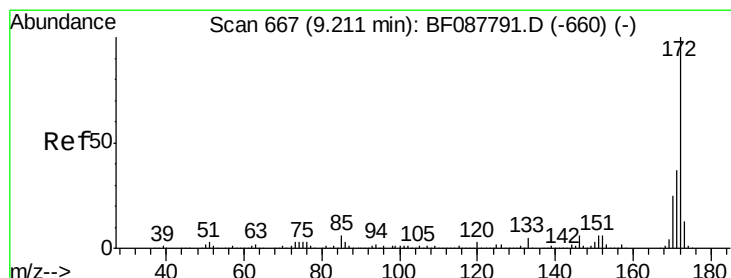
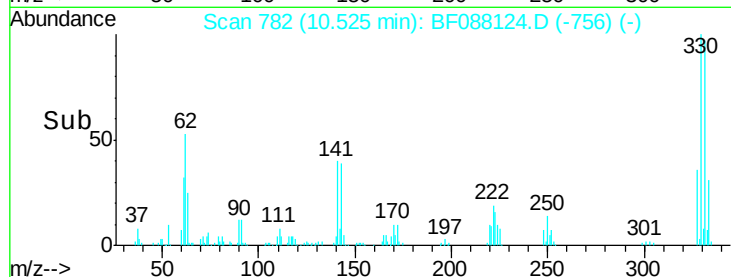
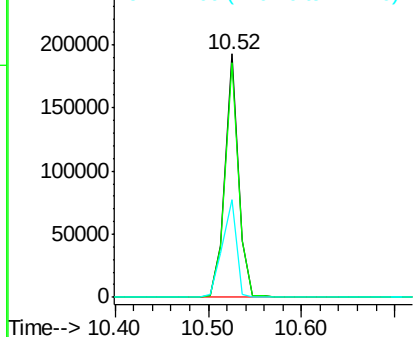
#41
 2,4,6-Tribromophenol
 Concen: 86.89 ng
 RT: 10.52 min Scan# 782
 Delta R.T. -0.00 min
 Lab File: BF088124.D
 Acq: 18 Jun 2016 6:58

Instrument :
 BNA_F
 ClientSampleId :
 MVILLE-FB-1-6-10-16

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	41.2	0.0	0.0#

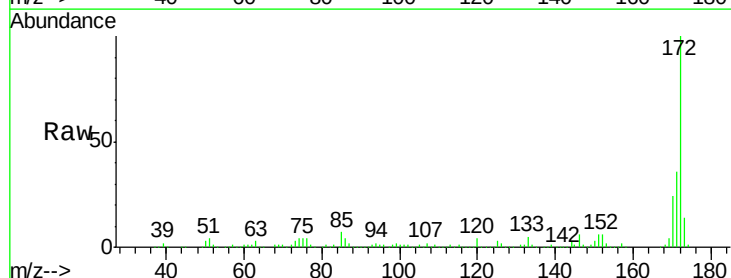


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

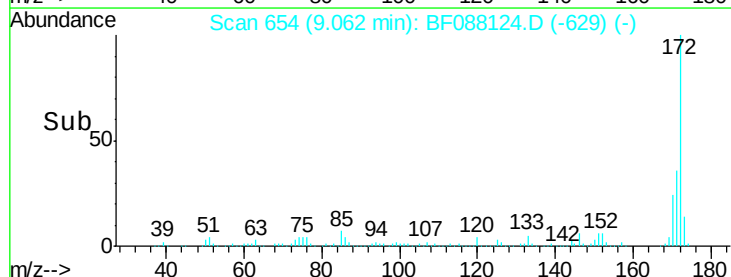
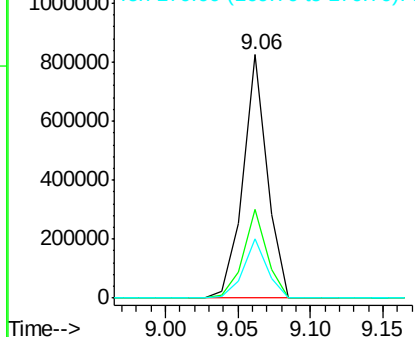


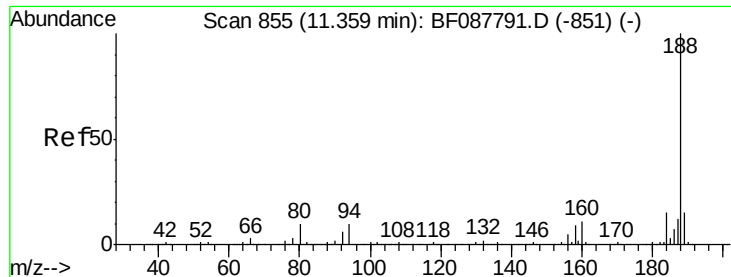
#44
 2-Fluorobiphenyl
 Concen: 68.92 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.01 min
 Lab File: BF088124.D
 Acq: 18 Jun 2016 6:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	24.4	19.2	28.8



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

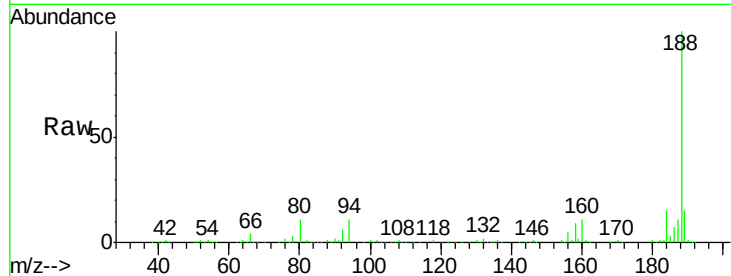




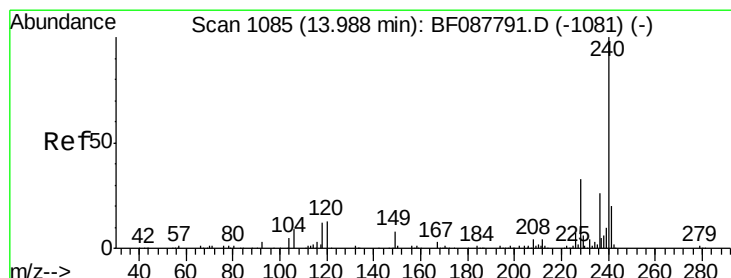
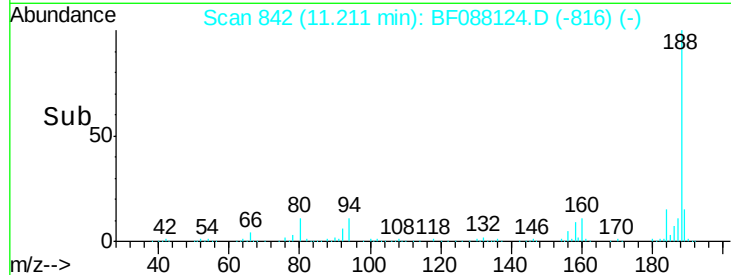
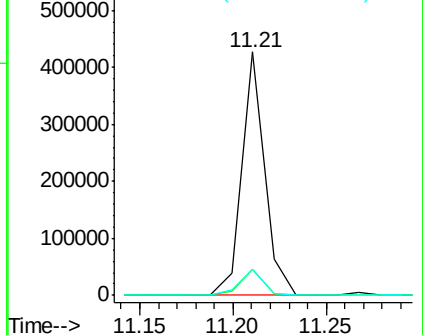
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 842
Delta R.T. -0.00 min
Lab File: BF088124.D
Acq: 18 Jun 2016 6:58

Instrument :
BNA_F
ClientSampleId :
MVILLE-FB-1-6-10-16

Tot Ion:188 Resp: 365122
Ion Ratio Lower Upper
188 100
94 10.6 9.0 13.6
80 10.9 10.0 15.0

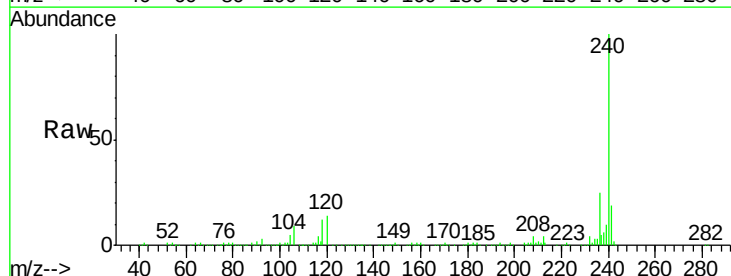


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

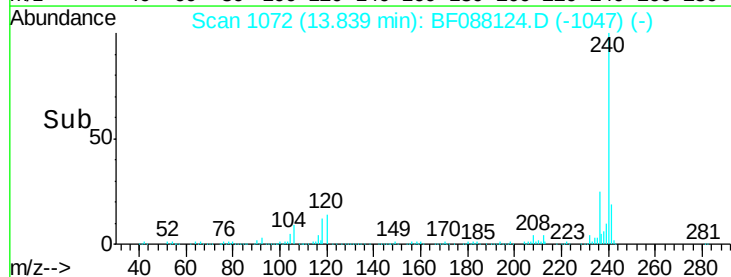
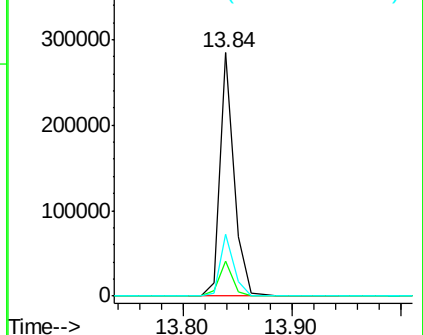


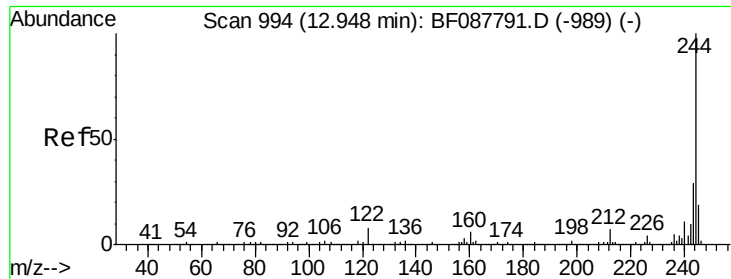
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BF088124.D
Acq: 18 Jun 2016 6:58

Tgt Ion:240 Resp: 258550
Ion Ratio Lower Upper
240 100
120 14.3 6.8 10.2#
236 25.4 20.2 30.2



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

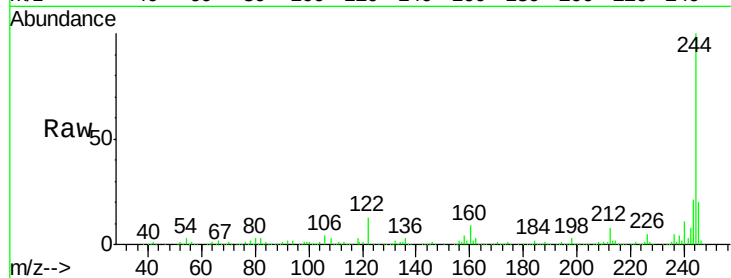




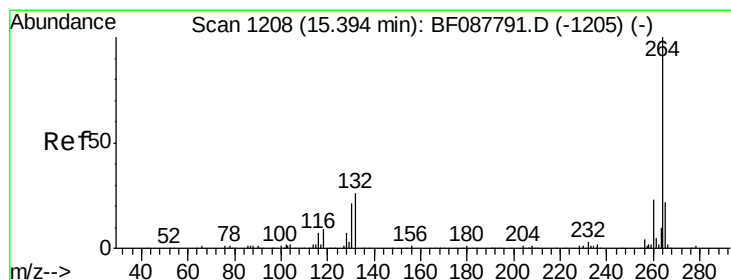
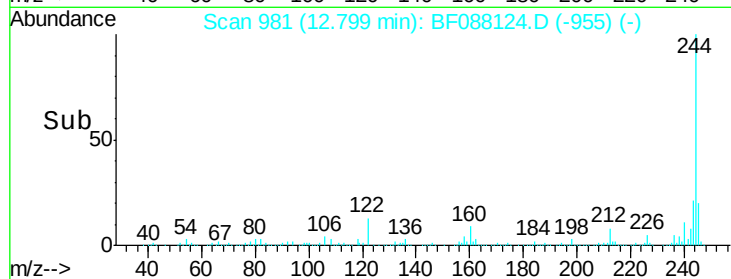
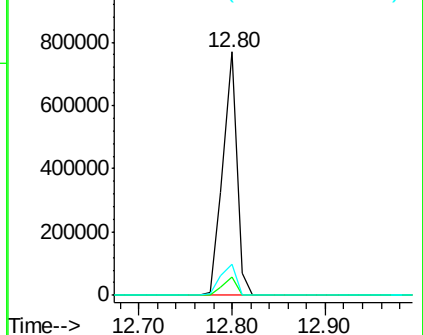
#78
 Terphenyl-d14
 Concen: 71.13 ng
 RT: 12.80 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: BF088124.D
 Acq: 18 Jun 2016 6:58

Instrument :
 BNA_F
 ClientSampleId :
 MVILLE-FB-1-6-10-16

Tot Ion:244 Resp: 808201
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 13.0 11.2 16.8

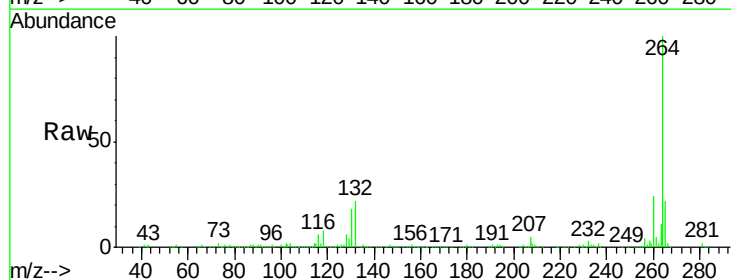


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.22 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BF088124.D
 Acq: 18 Jun 2016 6:58

Tgt Ion:264 Resp: 205318
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.6 16.9 25.3



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

