

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
 Data File : BF088542.D
 Acq On : 30 Jun 2016 21:27
 Operator : UM/SJ
 Sample : PB91726BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91726BL

Quant Time: Jul 01 02:07:07 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	136316	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	568915	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	274347	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	521636	20.00	ng	0.00
75) Chrysene-d12	13.95	240	453838	20.00	ng	0.00
86) Perylene-d12	15.35	264	385034	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	832914	91.57	ng	0.01
7) Phenol-d6	6.44	99	1161644	98.84	ng	0.00
23) Nitrobenzene-d5	7.37	82	663345	61.10	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	238597	93.66	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1112904	64.08	ng	0.00
78) Terphenyl-d14	12.91	244	1050749	51.57	ng	0.00

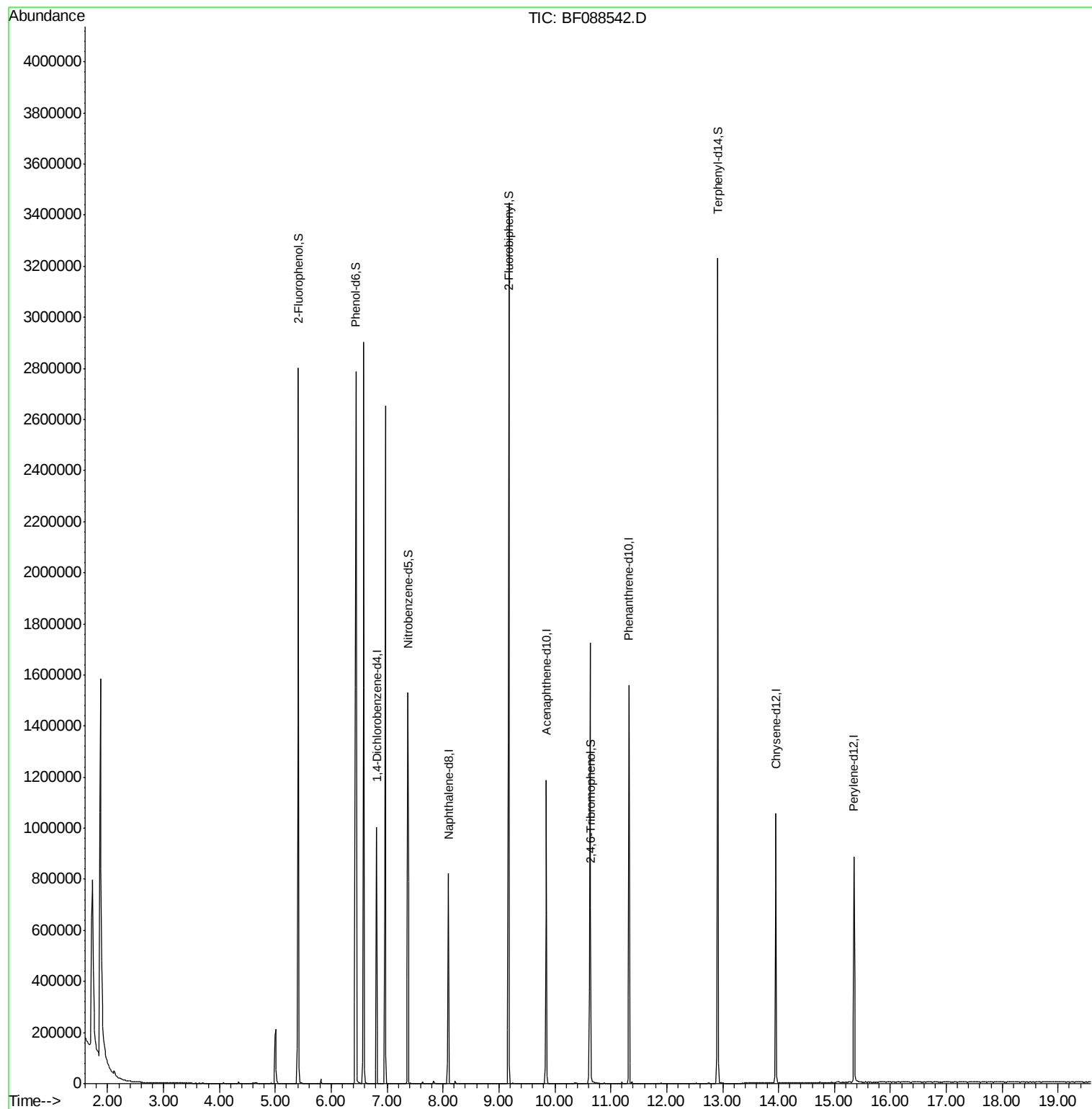
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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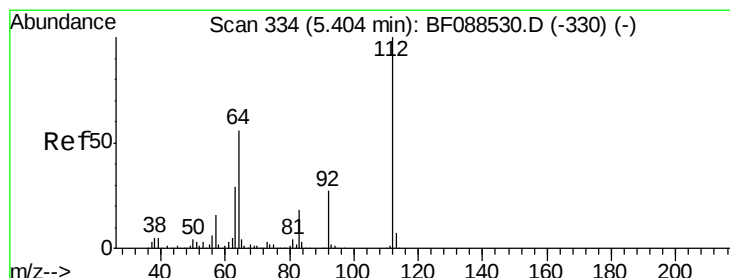
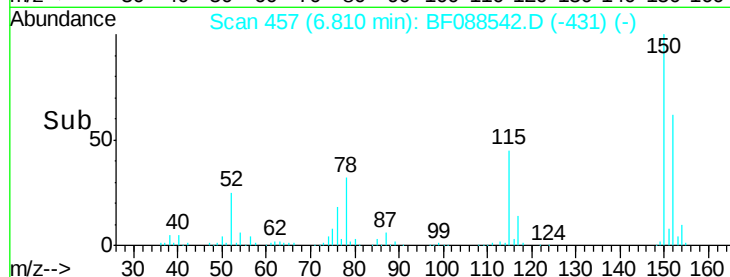
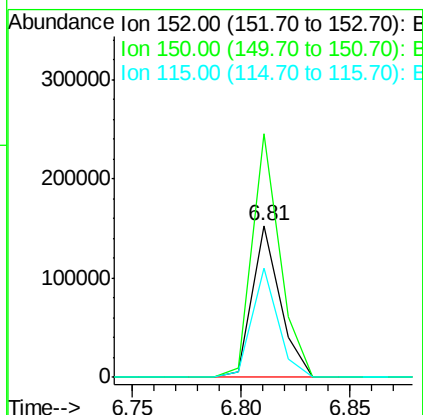
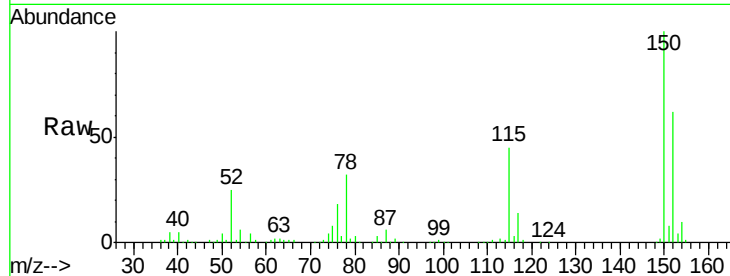


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF088542.D
Acq: 30 Jun 2016 21:27

Instrument :
BNA_F
ClientSampleId :
PB91726BL

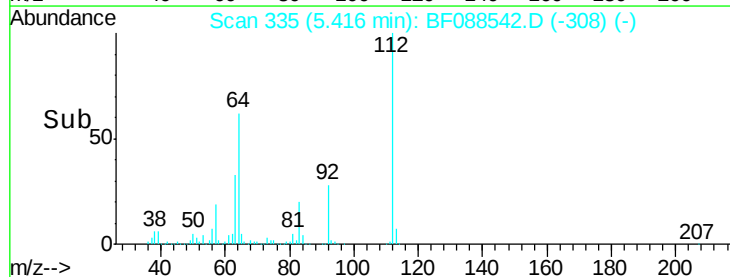
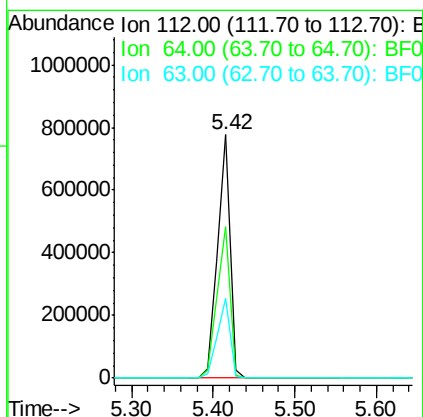
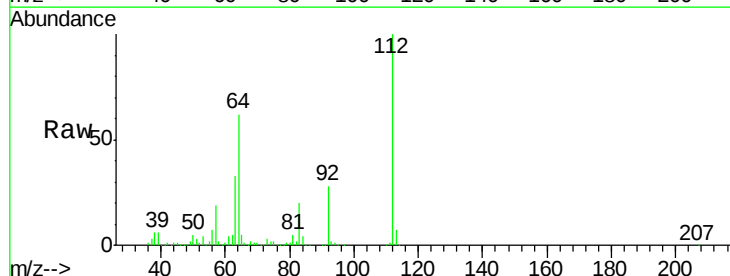
Tgt Ion:152 Resp: 136316
Ion Ratio Lower Upper
152 100
150 160.5 123.8 185.6
115 72.0 39.6 59.4#



#5

2-Fluorophenol
Concen: 91.57 ng
RT: 5.42 min Scan# 335
Delta R.T. 0.01 min
Lab File: BF088542.D
Acq: 30 Jun 2016 21:27

Tgt Ion:112 Resp: 832914
Ion Ratio Lower Upper
112 100
64 62.4 42.2 63.2
63 32.6 21.8 32.8





#7

Phenol-d6

Concen: 98.84 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF088542.D

Acq: 30 Jun 2016 21:27

Instrument :

BNA_F

ClientSampleId :

PB91726BL

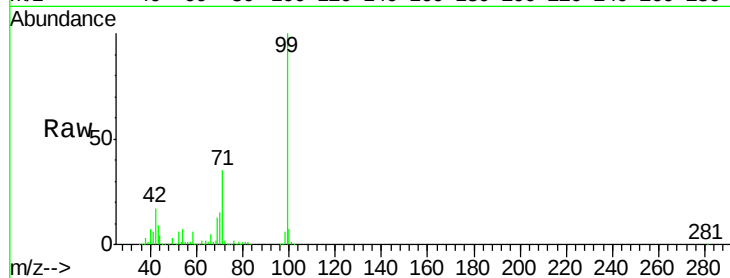
Tgt Ion: 99 Resp: 1161644

Ion Ratio Lower Upper

99 100

42 17.5 12.2 18.2

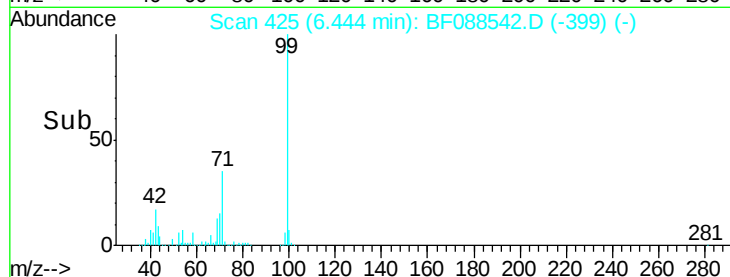
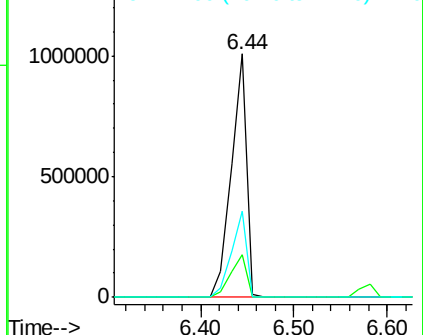
71 35.2 23.4 35.0#



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: 8.10 min Scan# 570

Delta R.T. -0.00 min

Lab File: BF088542.D

Acq: 30 Jun 2016 21:27

Tgt Ion: 136 Resp: 568915

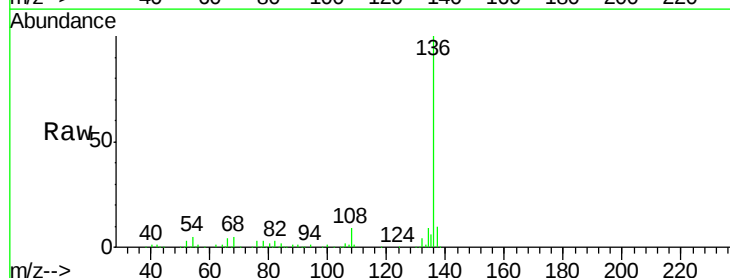
Ion Ratio Lower Upper

136 100

137 10.5 9.1 13.7

54 5.4 6.6 10.0#

68 5.0 5.1 7.7#

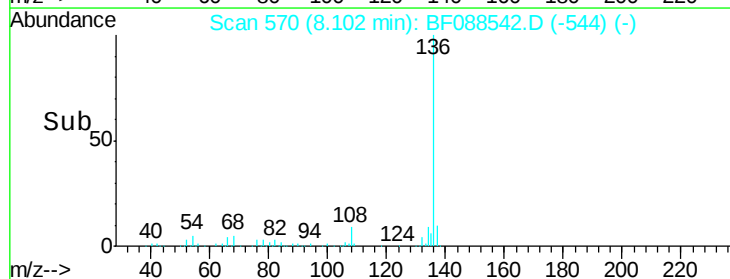
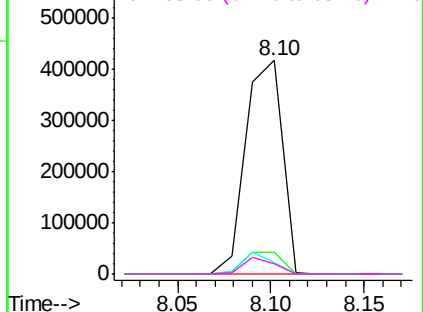


Abundance Ion 136.00 (135.70 to 136.70): E

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

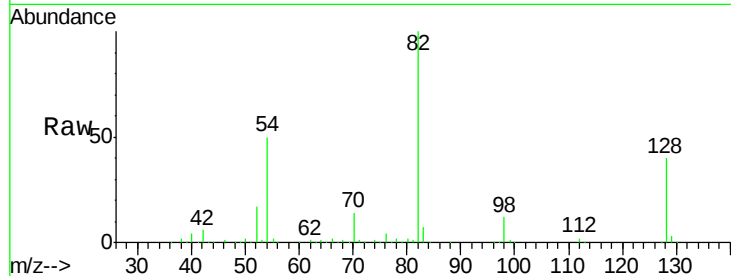




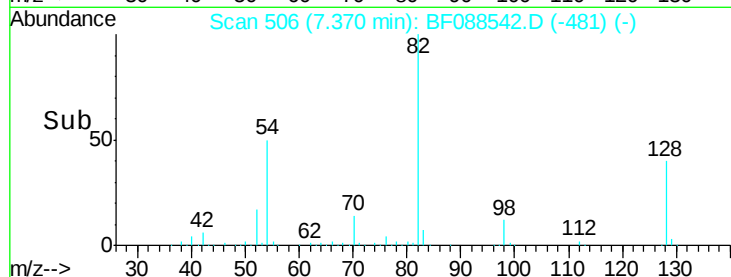
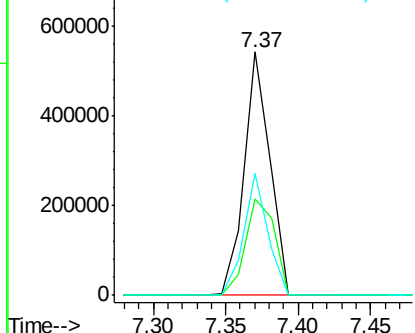
#23
 Nitrobenzene-d5
 Concen: 61.10 ng
 RT: 7.37 min Scan# 506
 Delta R.T. -0.01 min
 Lab File: BF088542.D
 Acq: 30 Jun 2016 21:27

Instrument :
 BNA_F
 ClientSampleId :
 PB91726BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.7	35.9	53.9
54	49.9	40.9	61.3

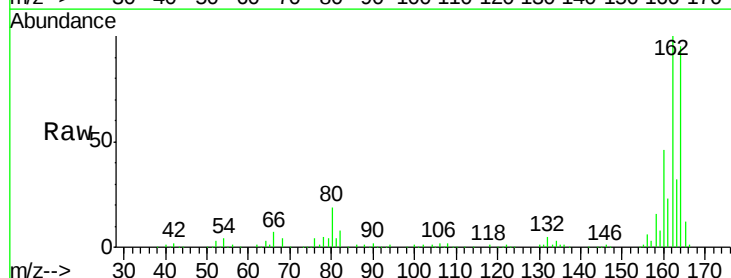


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

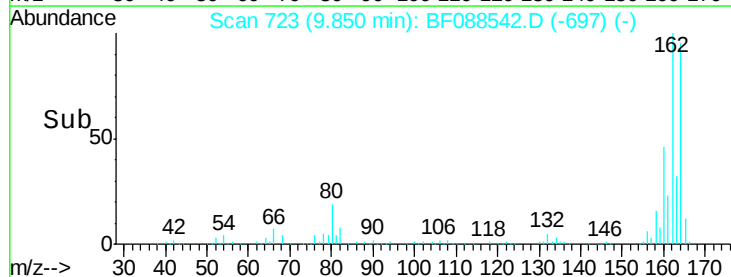
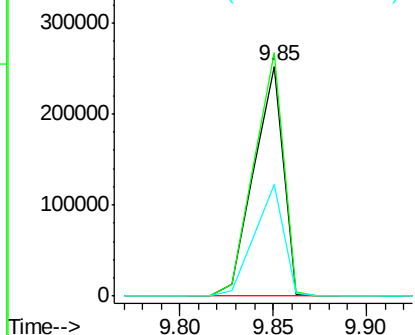


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 723
 Delta R.T. -0.00 min
 Lab File: BF088542.D
 Acq: 30 Jun 2016 21:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.8	85.4	128.2
160	48.3	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

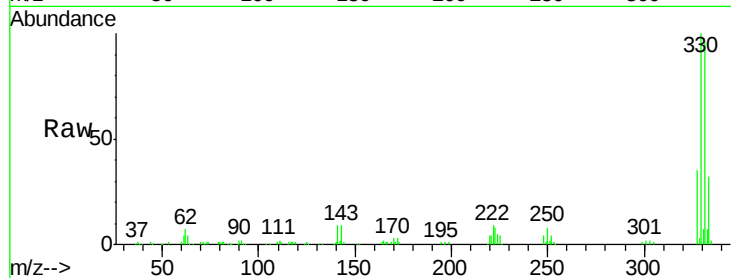




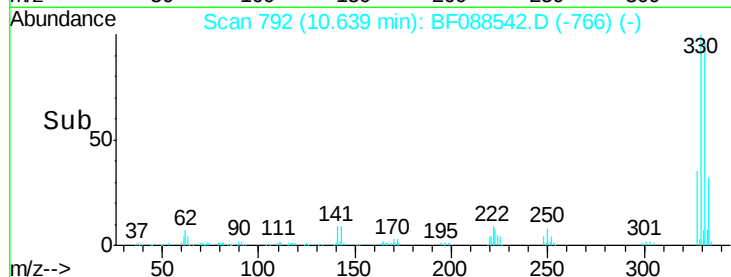
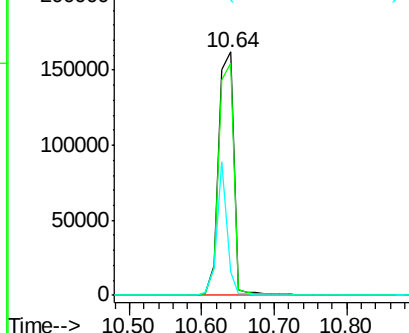
#41
 2,4,6-Tribromophenol
 Concen: 93.66 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF088542.D
 Acq: 30 Jun 2016 21:27

Instrument :
 BNA_F
 ClientSampleId :
 PB91726BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	0.0	0.0#
141	37.0	0.0	0.0#

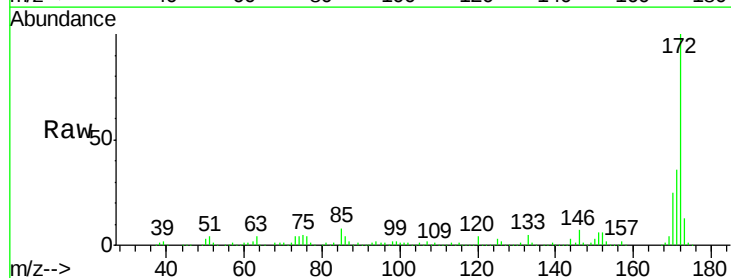


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

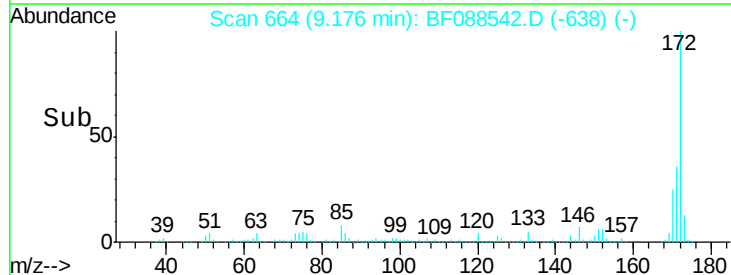
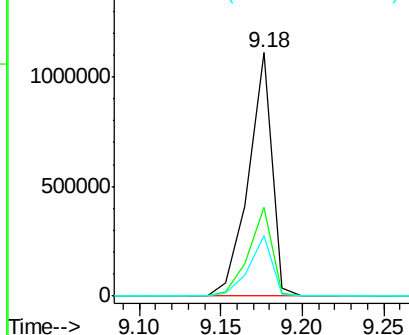


#44
 2-Fluorobiphenyl
 Concen: 64.08 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF088542.D
 Acq: 30 Jun 2016 21:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.6	43.0
170	24.8	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

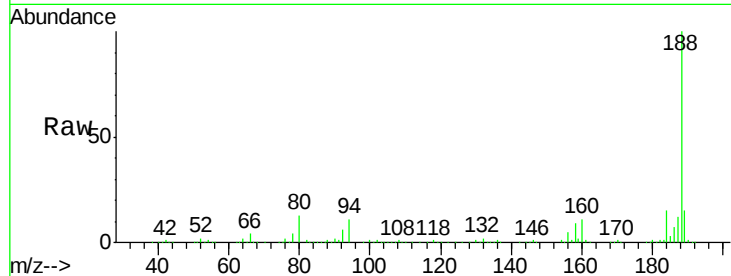




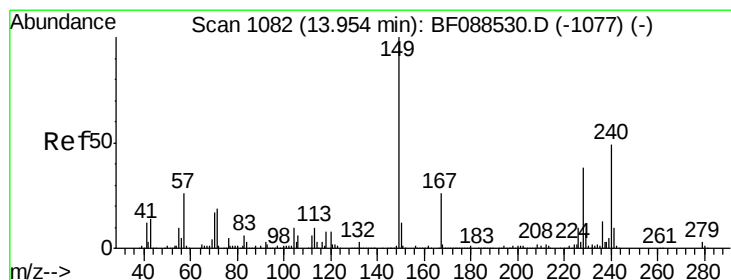
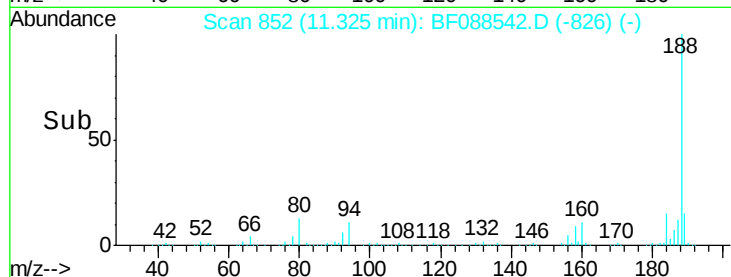
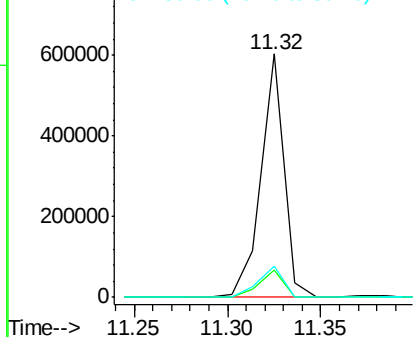
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF088542.D
Acq: 30 Jun 2016 21:27

Instrument :
BNA_F
ClientSampleId :
PB91726BL

Tgt Ion:188 Resp: 521636
Ion Ratio Lower Upper
188 100
94 11.4 9.0 13.6
80 12.7 10.0 15.0

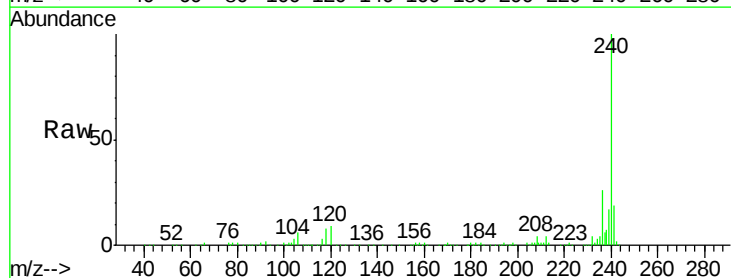


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

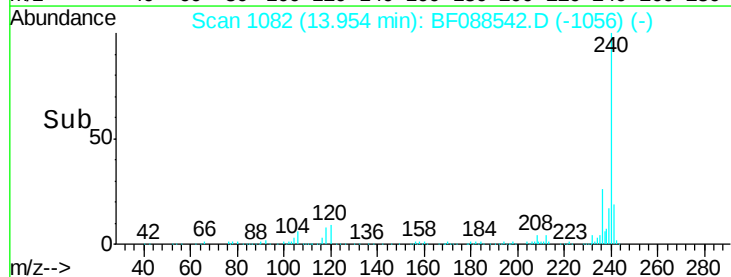
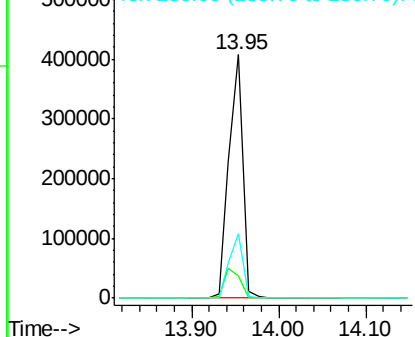


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.00 min
Lab File: BF088542.D
Acq: 30 Jun 2016 21:27

Tgt Ion:240 Resp: 453838
Ion Ratio Lower Upper
240 100
120 9.0 6.8 10.2
236 26.4 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

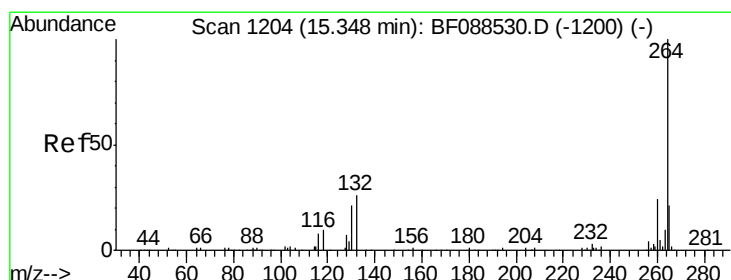
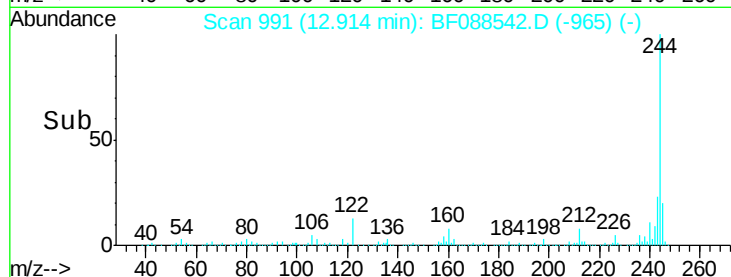
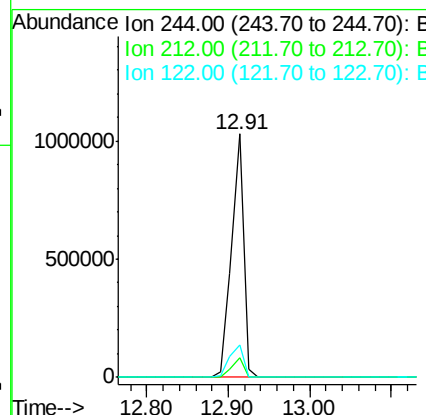
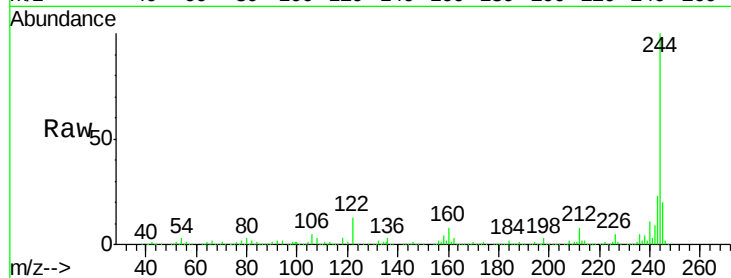




#78
 Terphenyl-d14
 Concen: 51.57 ng
 RT: 12.91 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: BF088542.D
 Acq: 30 Jun 2016 21:27

Instrument :
 BNA_F
 ClientSampleId :
 PB91726BL

Tgt Ion:244 Resp: 1050749
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.0 9.0
 122 13.1 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF088542.D
 Acq: 30 Jun 2016 21:27

Tgt Ion:264 Resp: 385034
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.4 16.9 25.3

