

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
 Data File : BF087313.D
 Acq On : 23 May 2016 22:16
 Operator : UM/SJ
 Sample : PB90662BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90662BL

Quant Time: May 24 02:06:40 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 24 01:40:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	142964	20.00	ng	0.00
21) Naphthalene-d8	9.64	136	589638	20.00	ng	0.00
38) Acenaphthene-d10	12.47	164	285504	20.00	ng	-0.01
63) Phenanthrene-d10	14.88	188	580014	20.00	ng	0.00
75) Chrysene-d12	18.55	240	515297	20.00	ng	-0.01
86) Perylene-d12	20.22	264	410665	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	722884	88.85	ng	0.02
7) Phenol-d6	7.14	99	927307	84.35	ng	-0.02
23) Nitrobenzene-d5	8.52	82	944399	80.72	ng	-0.01
41) 2,4,6-Tribromophenol	13.77	330	232196	84.63	ng	-0.01
44) 2-Fluorobiphenyl	11.42	172	1608907	79.45	ng	-0.01
78) Terphenyl-d14	17.22	244	1691926	69.81	ng	0.00

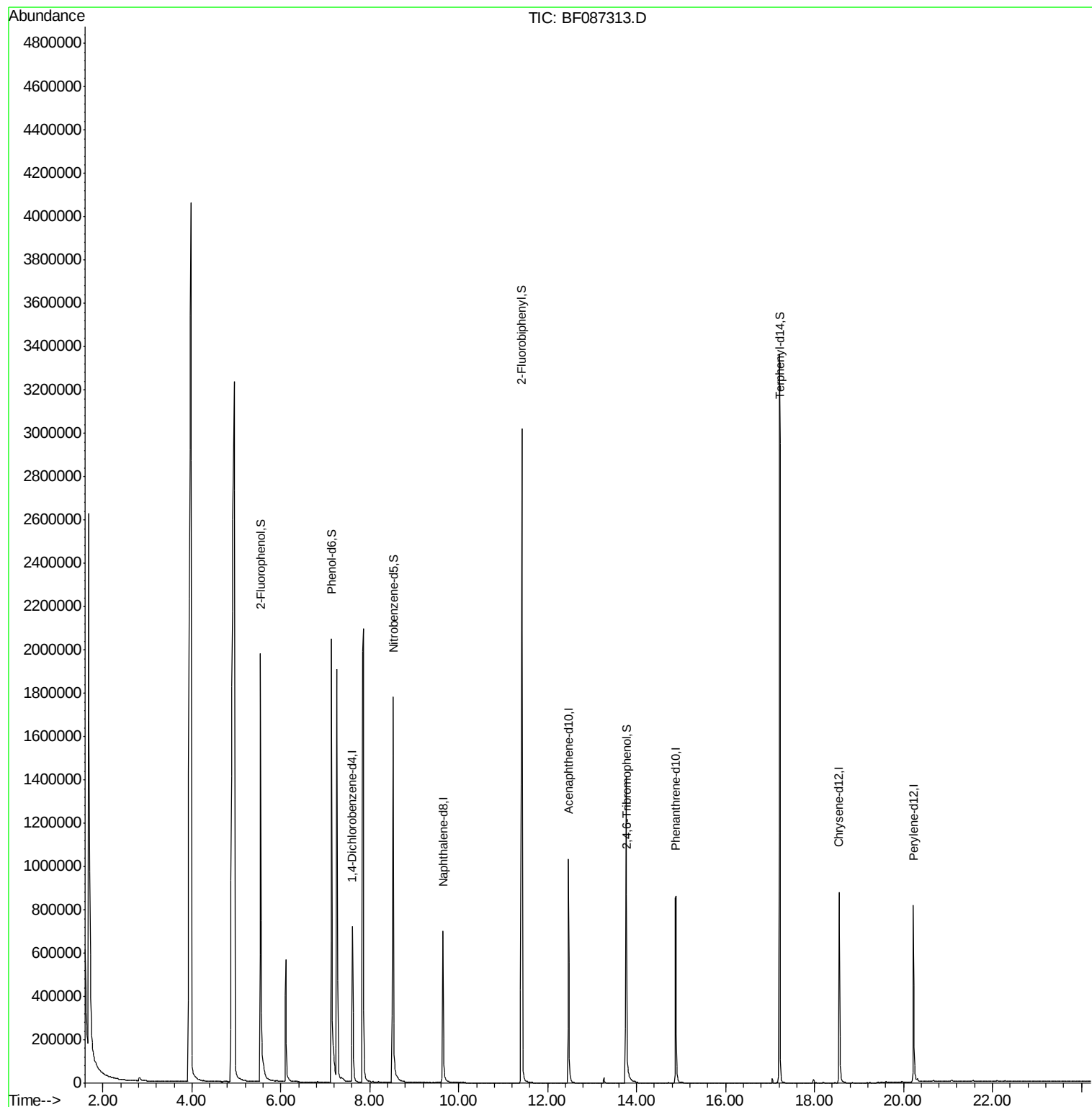
Target Compounds	Qvalue
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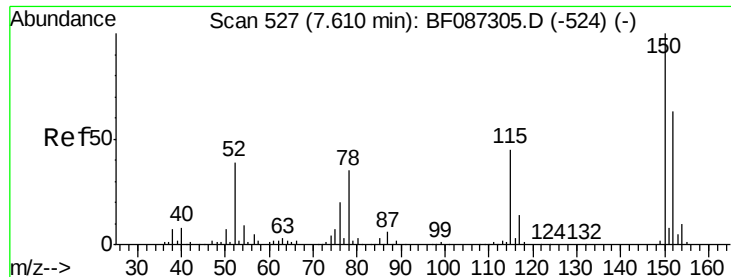
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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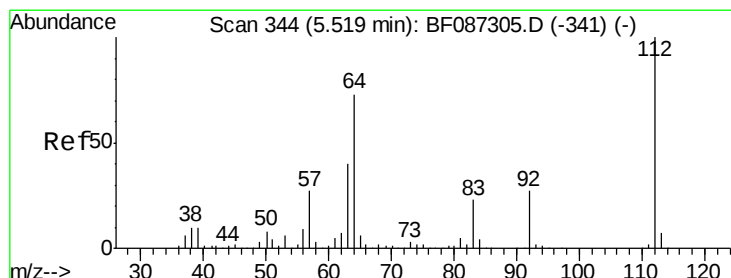
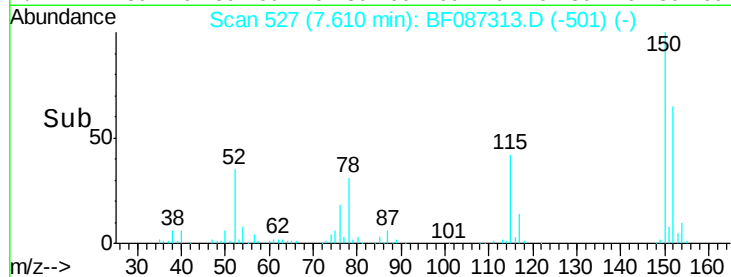
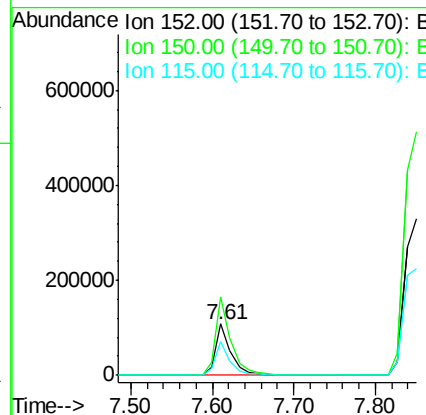
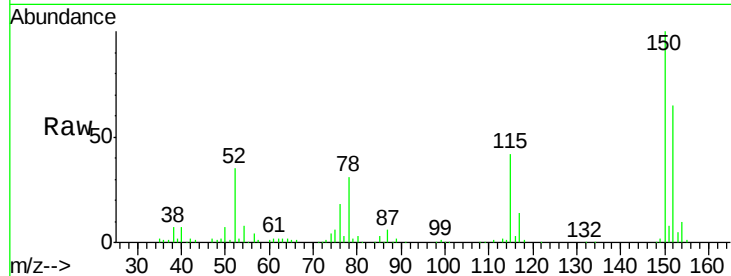


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.61 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF087313.D
Acq: 23 May 2016 22:16

Instrument :
BNA_F
ClientSampleId :
PB90662BL

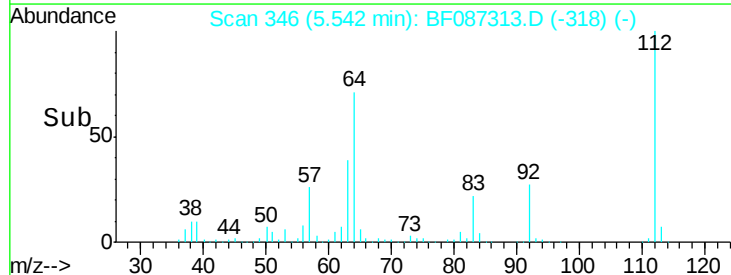
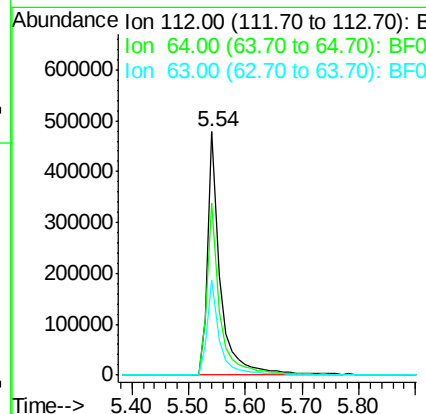
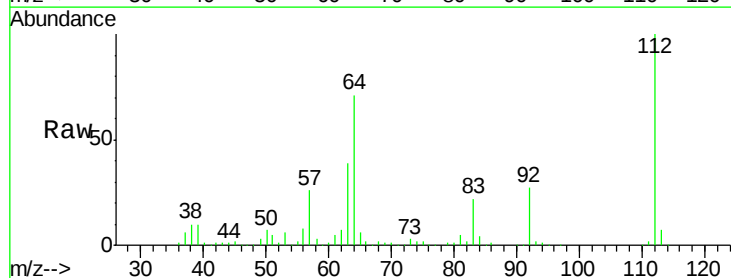
Tgt Ion:152 Resp: 142964
Ion Ratio Lower Upper
152 100
150 154.4 125.8 188.6
115 65.5 51.5 77.3

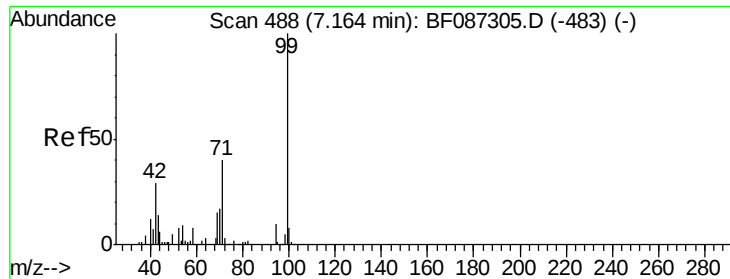


#5

2-Fluorophenol
Concen: 88.85 ng
RT: 5.54 min Scan# 346
Delta R.T. 0.02 min
Lab File: BF087313.D
Acq: 23 May 2016 22:16

Tgt Ion:112 Resp: 722884
Ion Ratio Lower Upper
112 100
64 70.7 52.1 78.1
63 39.2 25.7 38.5#





#7

Phenol-d6

Concen: 84.35 ng

RT: 7.14 min Scan# 486

Delta R.T. -0.02 min

Lab File: BF087313.D

Acq: 23 May 2016 22:16

Instrument :

BNA_F

ClientSampleId :

PB90662BL

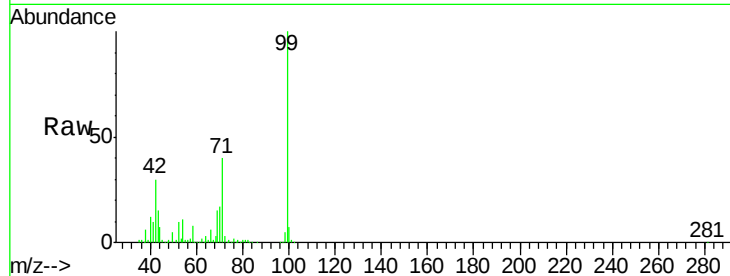
Tgt Ion: 99 Resp: 927307

Ion Ratio Lower Upper

99 100

42 30.5 13.6 20.4#

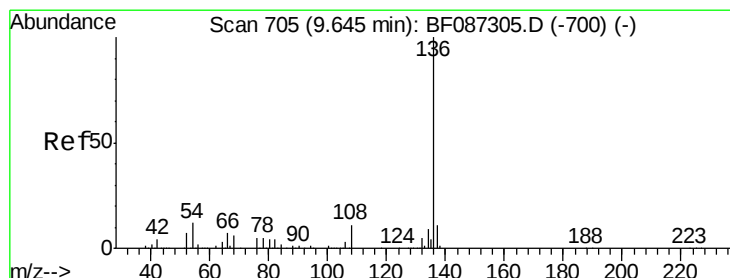
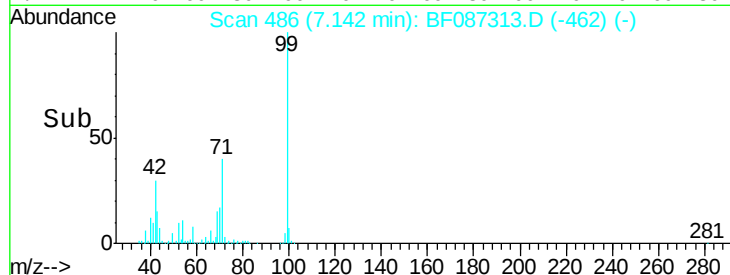
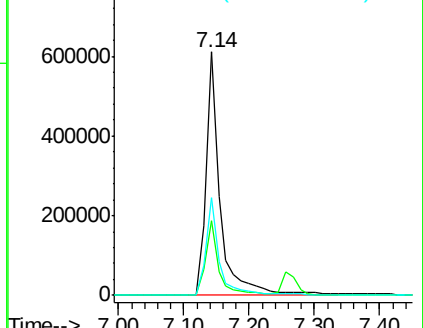
71 40.1 24.6 36.8#



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: 9.64 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF087313.D

Acq: 23 May 2016 22:16

Tgt Ion: 136 Resp: 589638

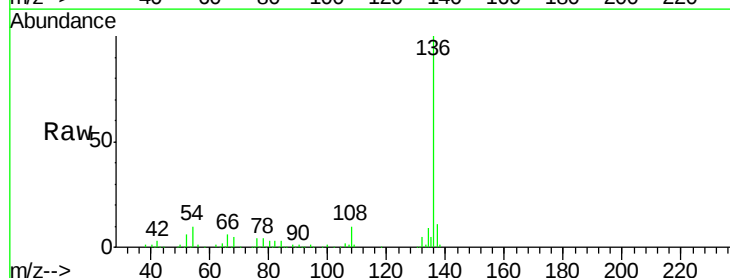
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 9.9 5.0 7.4#

68 5.3 4.4 6.6

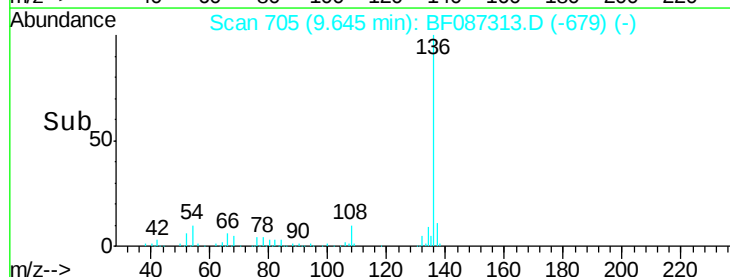
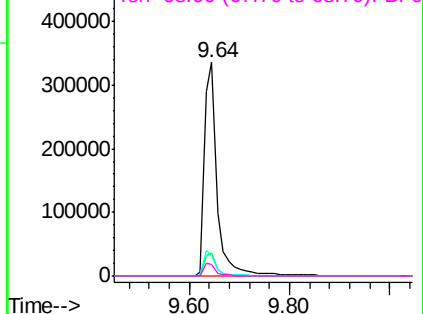


Abundance Ion 136.00 (135.70 to 136.70): E

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

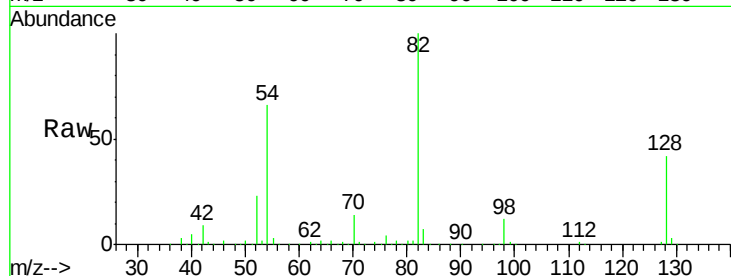




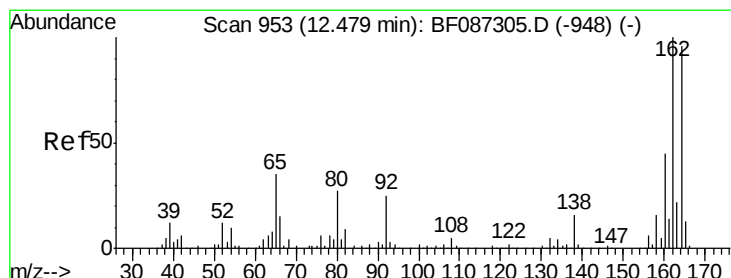
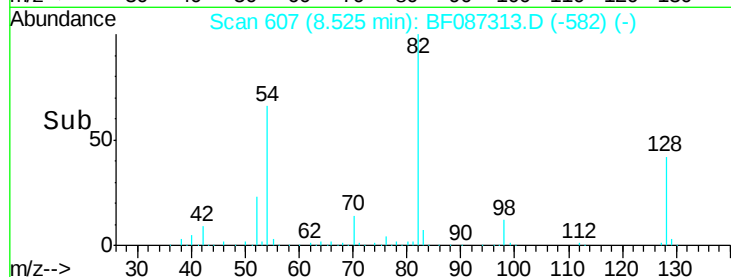
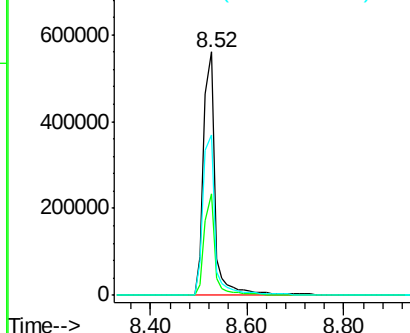
#23
 Nitrobenzene-d5
 Concen: 80.72 ng
 RT: 8.52 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF087313.D
 Acq: 23 May 2016 22:16

Instrument :
 BNA_F
 ClientSampleId :
 PB90662BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.0	40.6	61.0
54	66.0	38.1	57.1#

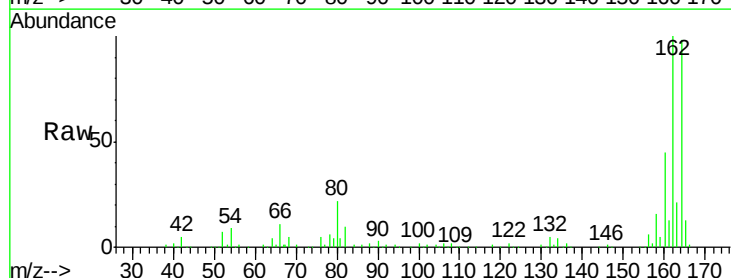


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

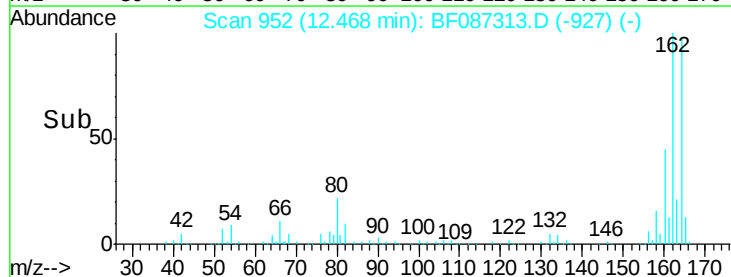
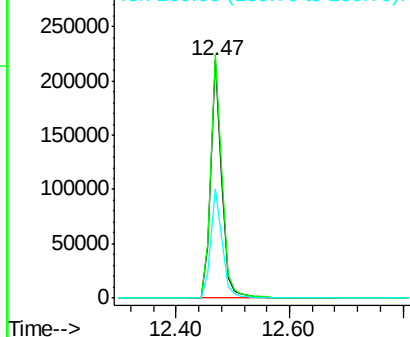


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.47 min Scan# 952
 Delta R.T. -0.01 min
 Lab File: BF087313.D
 Acq: 23 May 2016 22:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.8	124.2
160	45.6	36.9	55.3



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

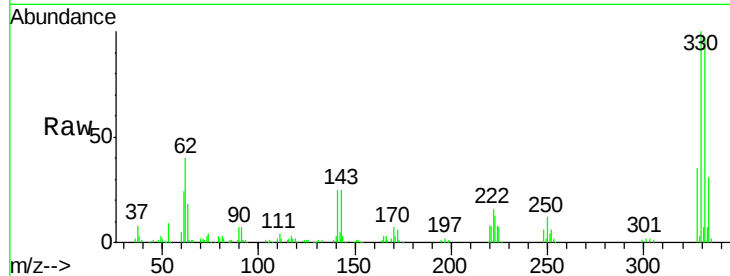




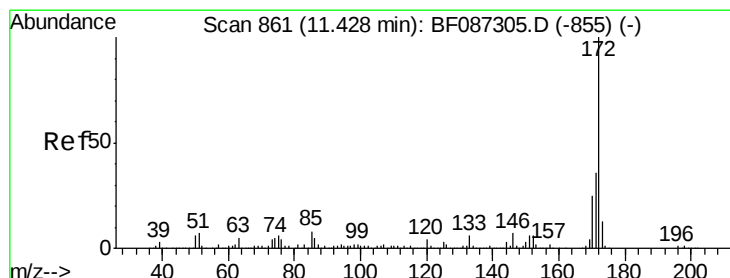
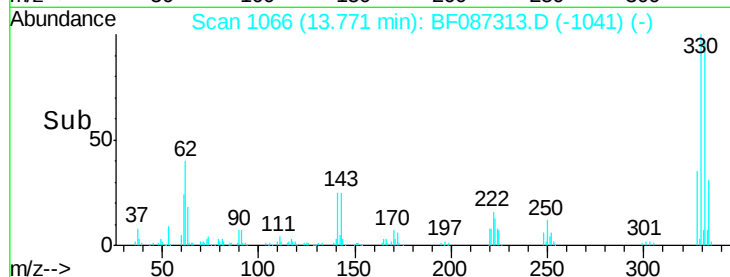
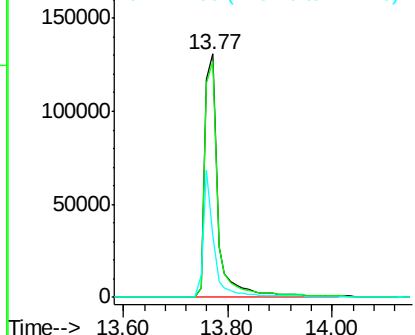
#41
 2,4,6-Tribromophenol
 Concen: 84.63 ng
 RT: 13.77 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BF087313.D
 Acq: 23 May 2016 22:16

Instrument :
 BNA_F
 ClientSampleId :
 PB90662BL

Tgt Ion:330 Resp: 232196
 Ion Ratio Lower Upper
 330 100
 332 97.9 79.0 118.4
 141 43.2 31.2 46.8

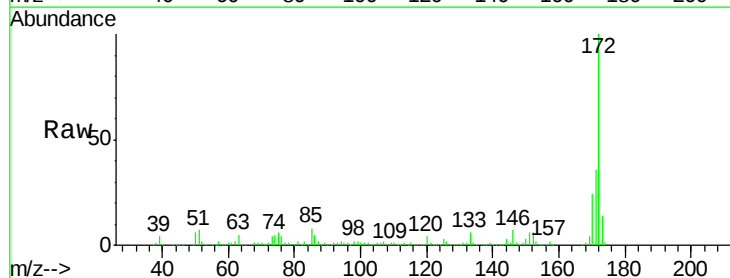


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

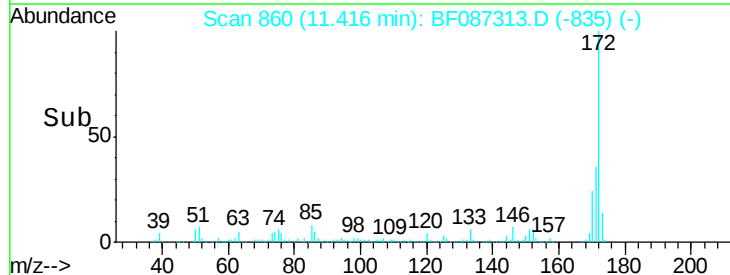
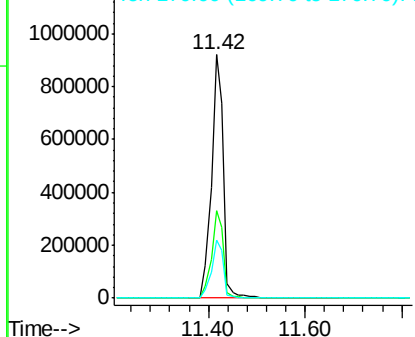


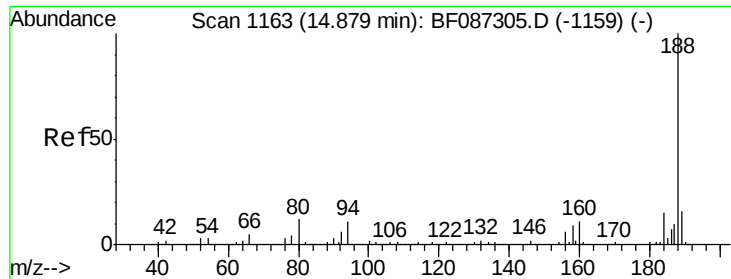
#44
 2-Fluorobiphenyl
 Concen: 79.45 ng
 RT: 11.42 min Scan# 860
 Delta R.T. -0.01 min
 Lab File: BF087313.D
 Acq: 23 May 2016 22:16

Tgt Ion:172 Resp: 1608907
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.0 43.6
 170 24.1 19.8 29.8



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

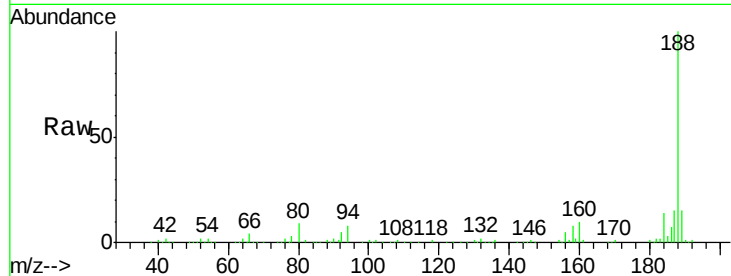




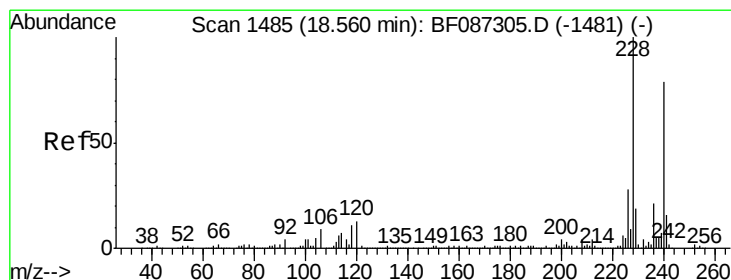
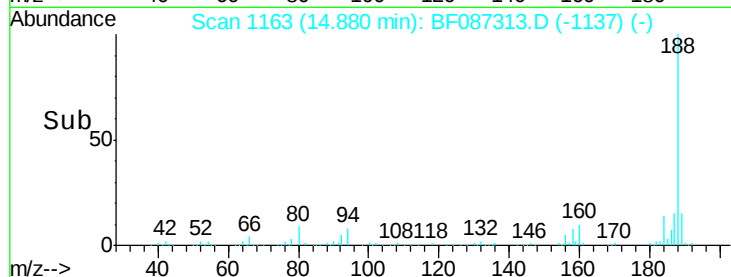
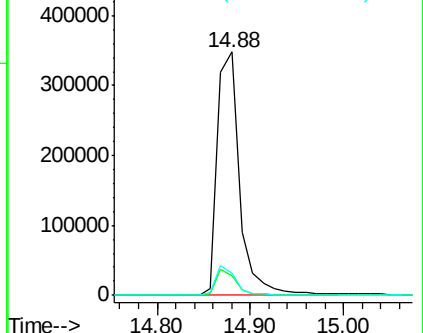
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF087313.D
Acq: 23 May 2016 22:16

Instrument :
BNA_F
ClientSampleId :
PB90662BL

Tgt Ion:188 Resp: 580014
Ion Ratio Lower Upper
188 100
94 8.1 6.8 10.2
80 9.1 7.1 10.7

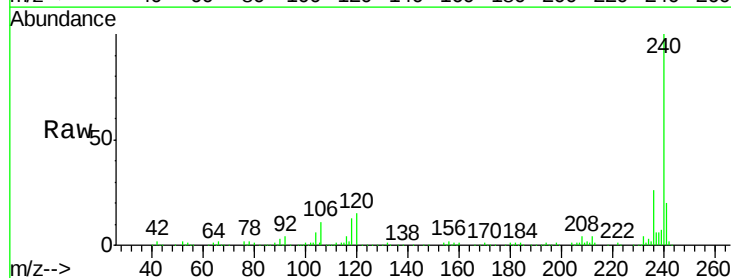


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

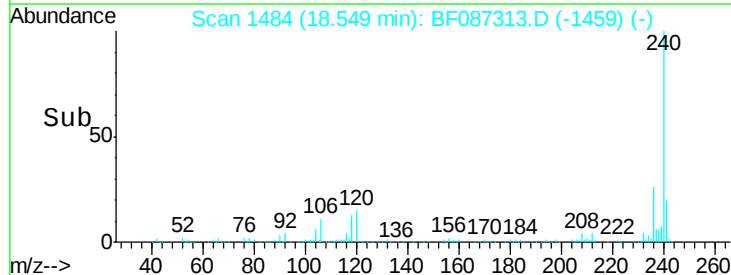
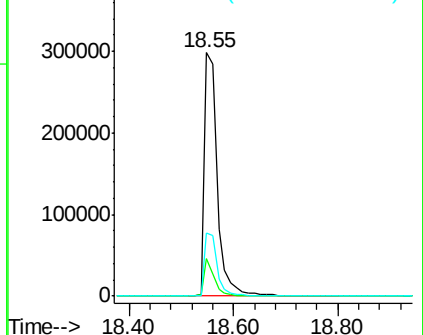


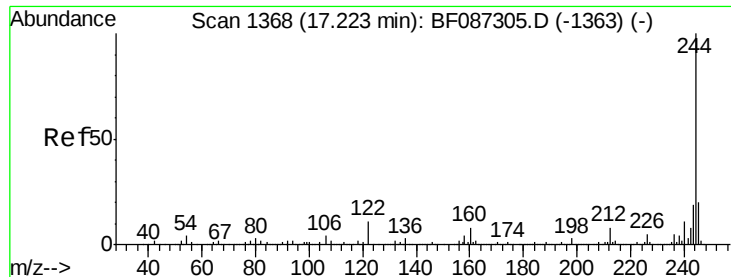
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.55 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BF087313.D
Acq: 23 May 2016 22:16

Tgt Ion:240 Resp: 515297
Ion Ratio Lower Upper
240 100
120 15.2 11.2 16.8
236 26.0 21.2 31.8



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

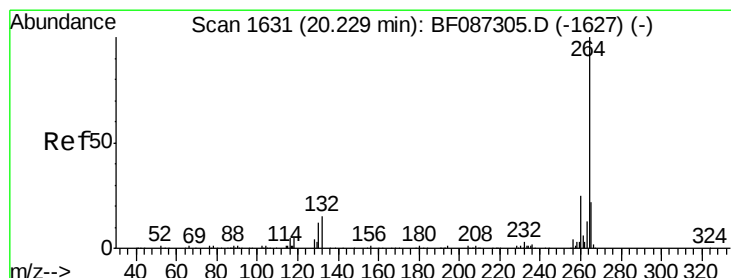
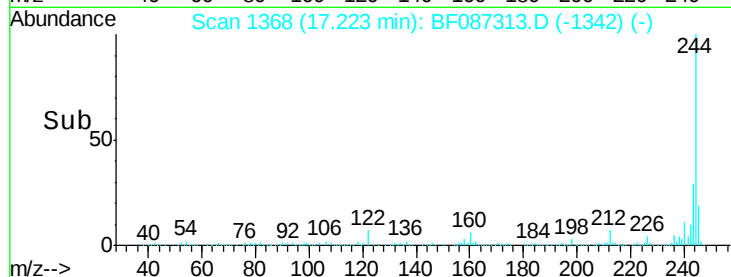
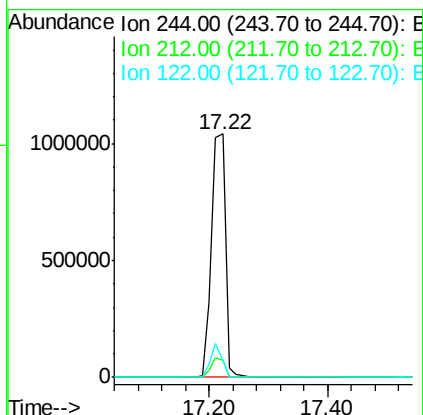
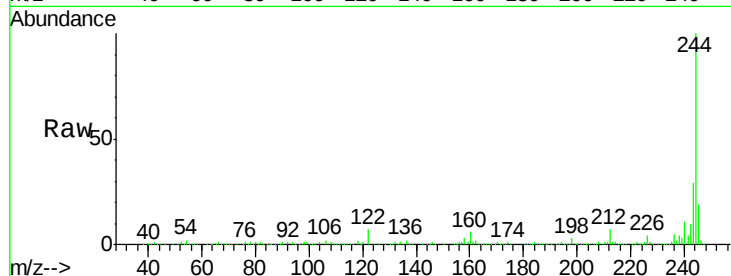




#78
 Terphenyl-d14
 Concen: 69.81 ng
 RT: 17.22 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: BF087313.D
 Acq: 23 May 2016 22:16

Instrument :
 BNA_F
 ClientSampleId :
 PB90662BL

Tgt Ion:244 Resp: 1691926
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.2 9.2
 122 7.1 12.0 18.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.22 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: BF087313.D
 Acq: 23 May 2016 22:16

Tgt Ion:264 Resp: 410665
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.5 29.3
 265 21.7 17.3 25.9

