

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
 Data File : BF087567.D
 Acq On : 31 May 2016 1:02
 Operator : UM/SJ
 Sample : H3249-04
 Misc :
 ALS Vial : 85 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-17

Quant Time: May 31 02:12:12 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 31 00:45:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	113194	20.00	ng	0.01
21) Naphthalene-d8	9.52	136	441904	20.00	ng	0.01
38) Acenaphthene-d10	12.34	164	212112	20.00	ng	0.01
63) Phenanthrene-d10	14.77	188	363677	20.00	ng	0.02
75) Chrysene-d12	18.49	240	247516	20.00	ng	0.05
86) Perylene-d12	20.19	264	201595	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	370527	57.52	ng	0.03
7) Phenol-d6	7.06	99	274211	31.50	ng	0.02
23) Nitrobenzene-d5	8.40	82	870991	99.34	ng	-0.01
41) 2,4,6-Tribromophenol	13.63	330	246251	120.81	ng	0.00
44) 2-Fluorobiphenyl	11.28	172	1392297	92.54	ng	-0.01
78) Terphenyl-d14	17.10	244	1127181	96.82	ng	0.00

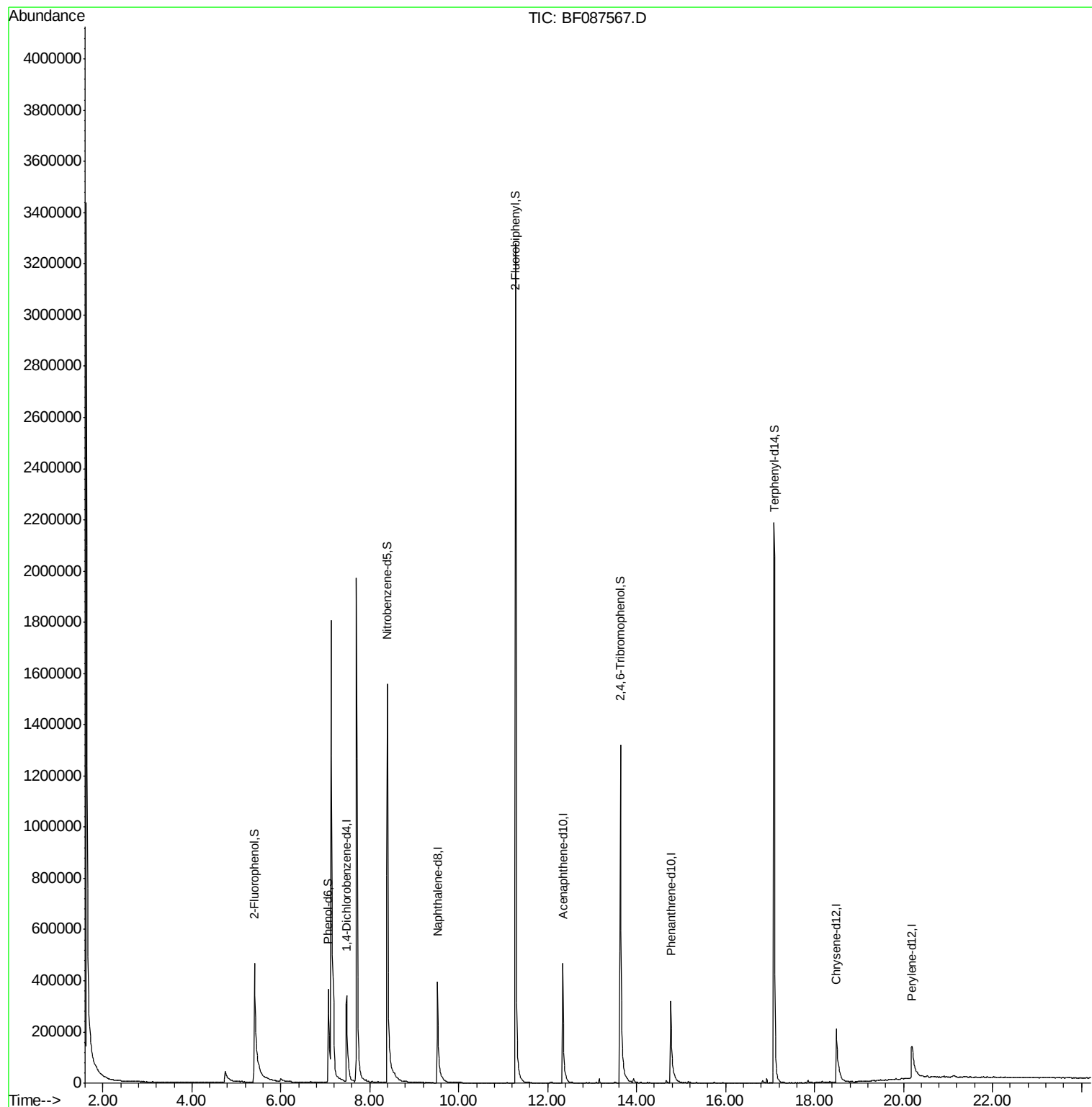
Target Compounds Qvalue

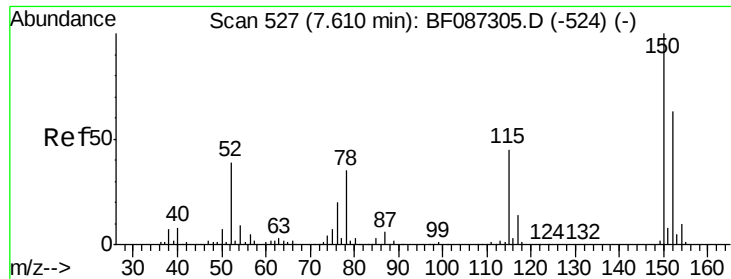
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
Data File : BF087567.D
Acq On : 31 May 2016 1:02
Operator : UM/SJ
Sample : H3249-04
Misc :
ALS Vial : 85 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-17

Quant Time: May 31 02:12:12 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 31 00:45:12 2016
Response via : Initial Calibration



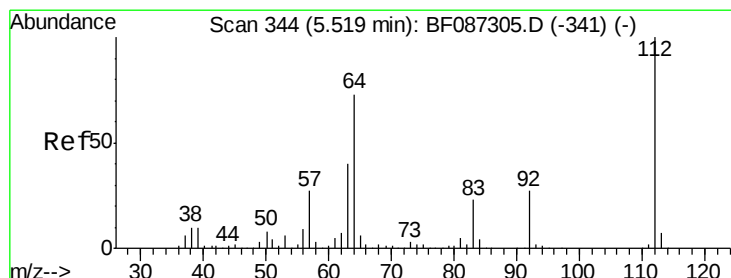
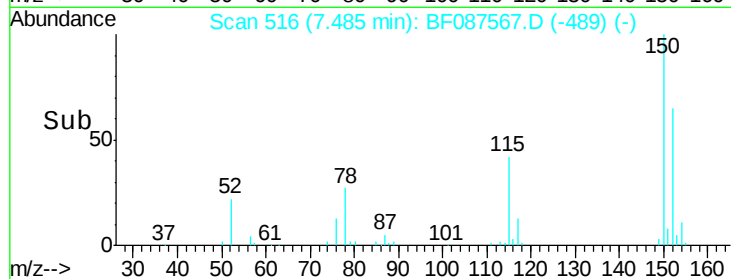
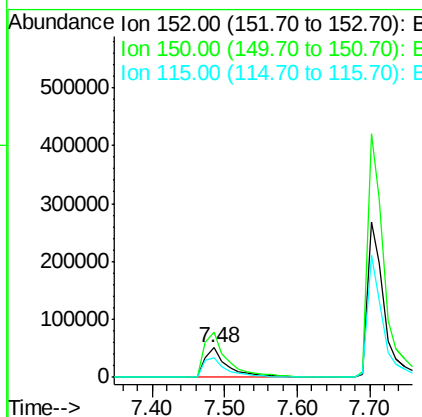
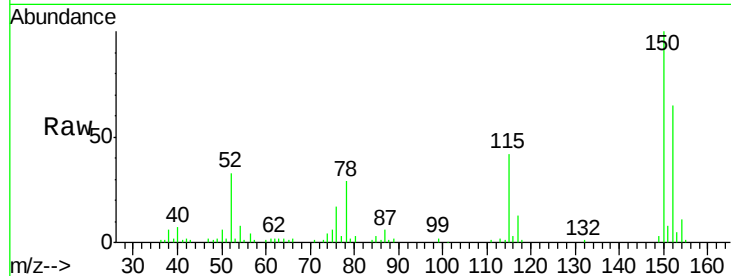


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.48 min Scan# 516
Delta R.T. 0.01 min
Lab File: BF087567.D
Acq: 31 May 2016 1:02

Instrument :
BNA_F
ClientSampled :
MW-17

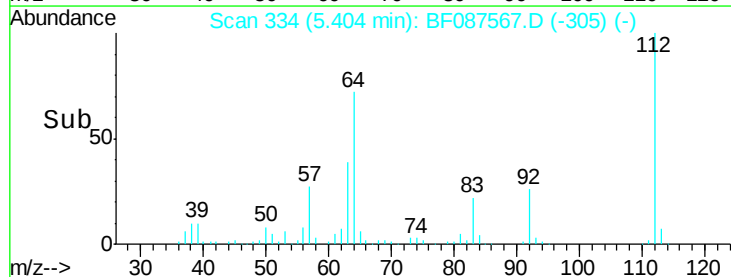
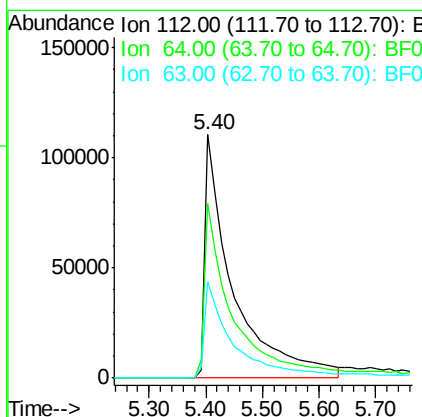
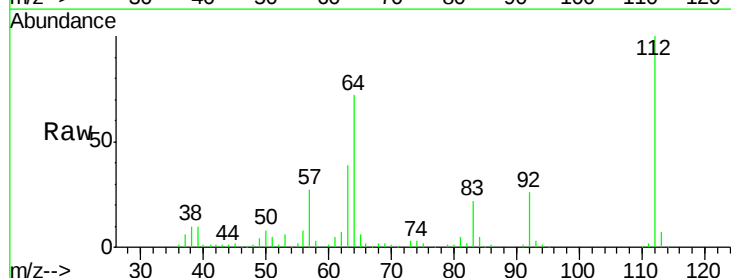
Tot Ion:152 Resp: 113194
Ion Ratio Lower Upper
152 100
150 153.6 125.8 188.6
115 64.3 51.5 77.3

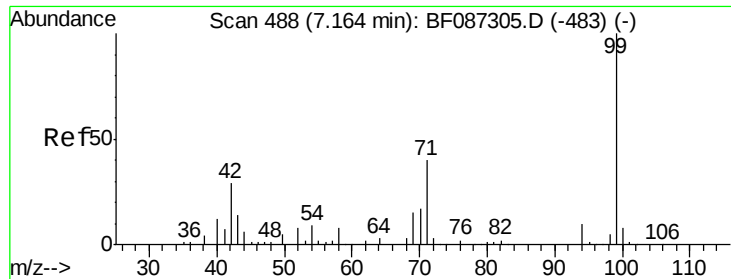


#5

2-Fluorophenol
Concen: 57.52 ng
RT: 5.40 min Scan# 334
Delta R.T. 0.03 min
Lab File: BF087567.D
Acq: 31 May 2016 1:02

Tgt Ion:112 Resp: 370527
Ion Ratio Lower Upper
112 100
64 71.9 52.1 78.1
63 39.5 25.7 38.5#





#7

Phenol-d6

Concen: 31.50 ng

RT: 7.06 min Scan# 479

Delta R.T. 0.02 min

Lab File: BF087567.D

Acq: 31 May 2016 1:02

Instrument :

BNA_F

ClientSampleId :

MW-17

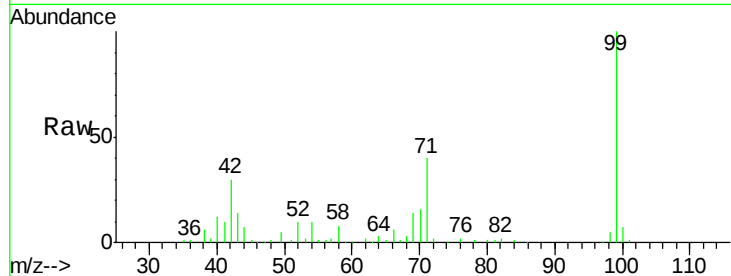
Tot Ion: 99 Resp: 274211

Ion Ratio Lower Upper

99 100

42 29.6 13.6 20.4#

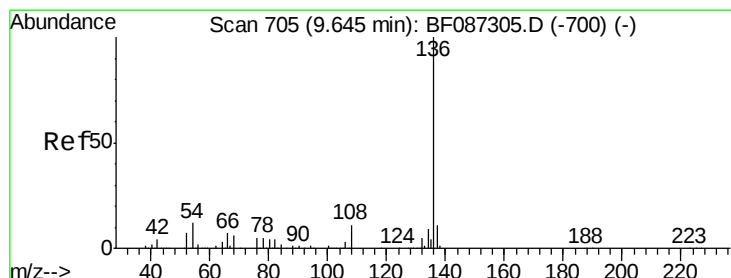
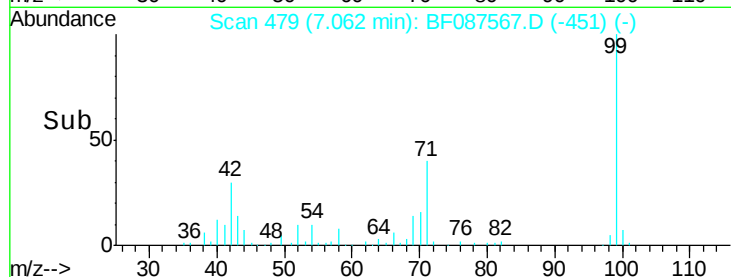
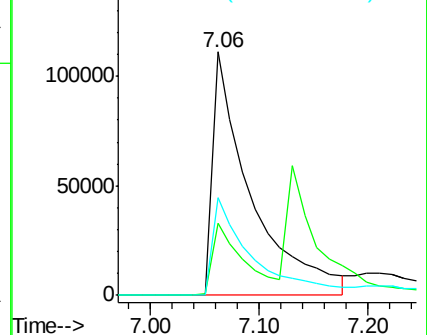
71 39.9 24.6 36.8#



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: 9.52 min Scan# 694

Delta R.T. 0.01 min

Lab File: BF087567.D

Acq: 31 May 2016 1:02

Tgt Ion: 136 Resp: 441904

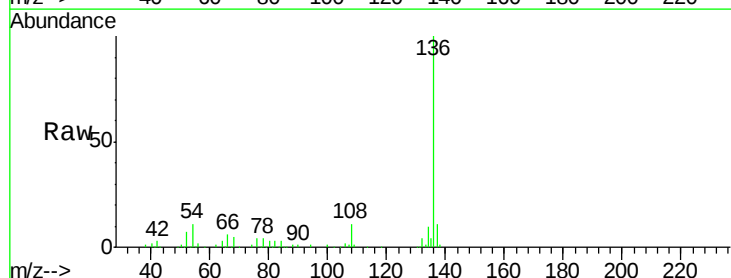
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 10.5 5.0 7.4#

68 5.1 4.4 6.6

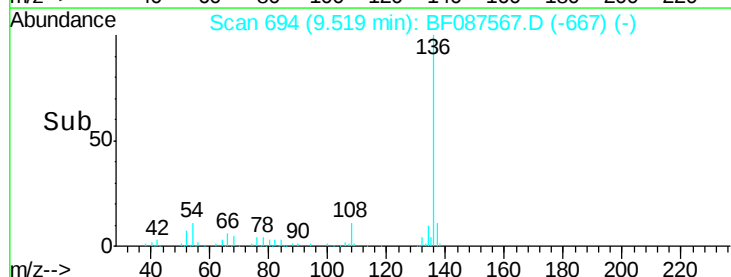
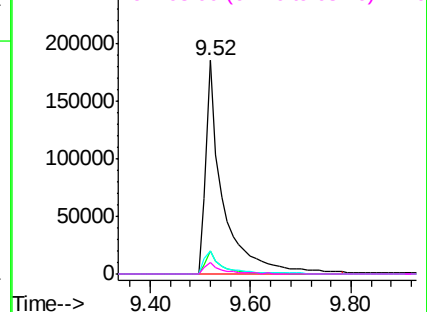


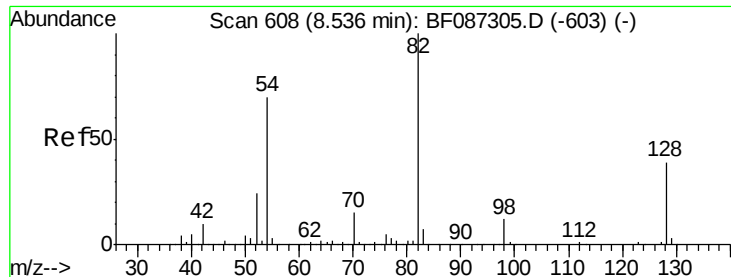
Abundance Ion 136.00 (135.70 to 136.70): E

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

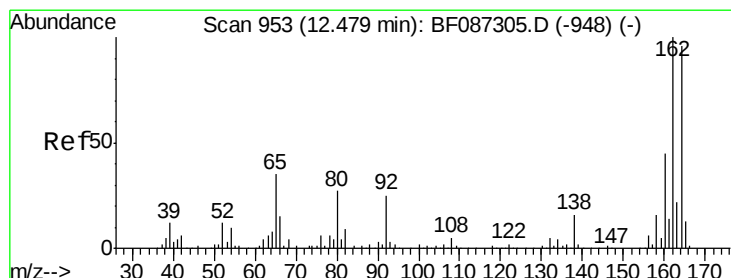
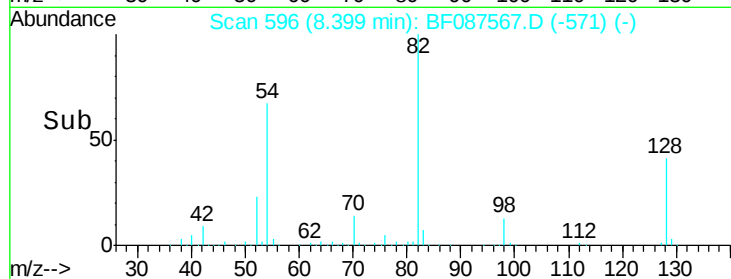
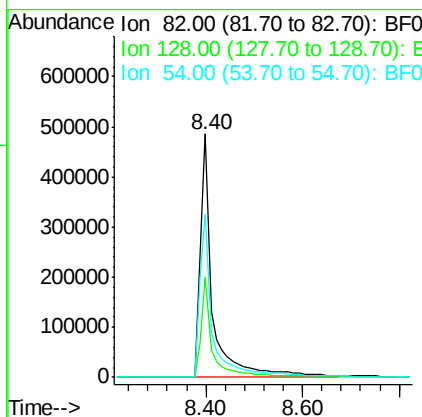
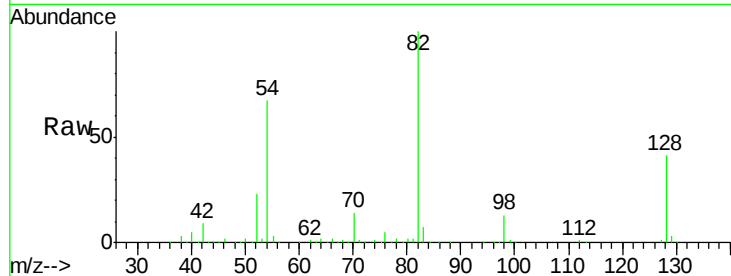




#23
Nitrobenzene-d5
Concen: 99.34 ng
RT: 8.40 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF087567.D
Acq: 31 May 2016 1:02

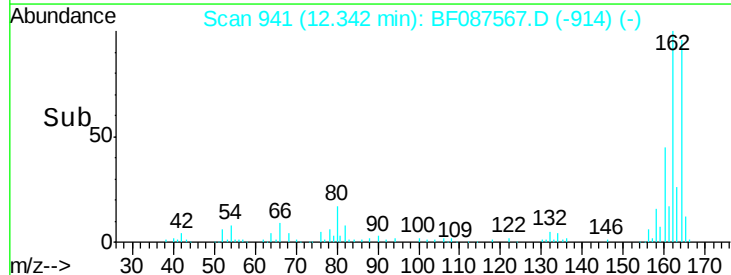
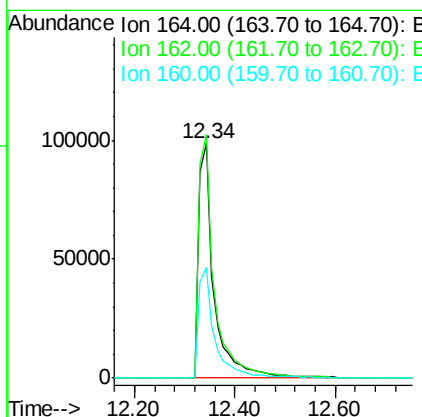
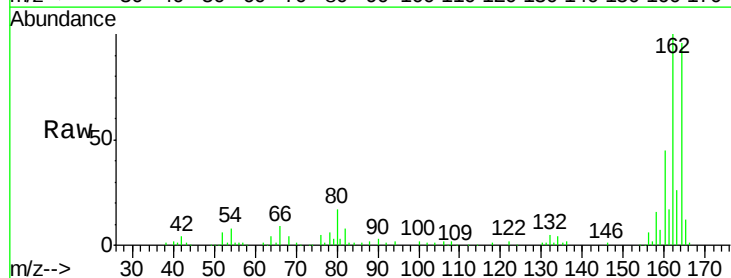
Instrument :
BNA_F
ClientSampleId :
MW-17

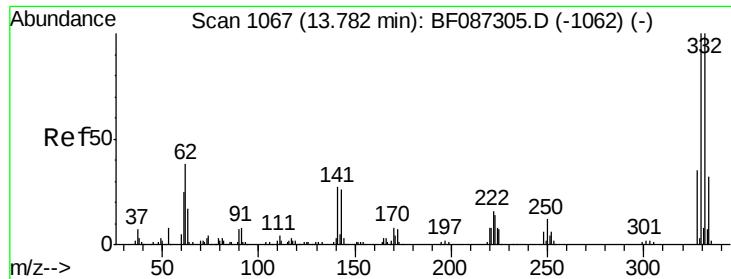
Tot Ion: 82 Resp: 870991
Ion Ratio Lower Upper
82 100
128 41.2 40.6 61.0
54 66.8 38.1 57.1#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.34 min Scan# 941
Delta R.T. 0.01 min
Lab File: BF087567.D
Acq: 31 May 2016 1:02

Tgt Ion:164 Resp: 212112
Ion Ratio Lower Upper
164 100
162 103.9 82.8 124.2
160 47.1 36.9 55.3

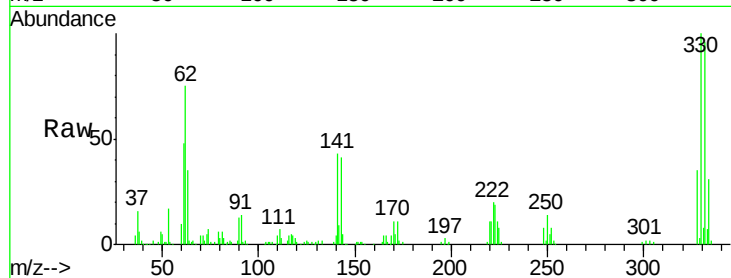




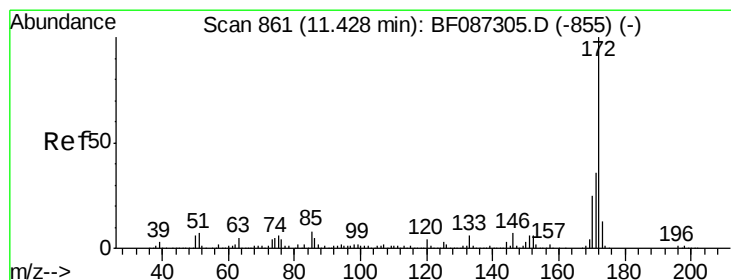
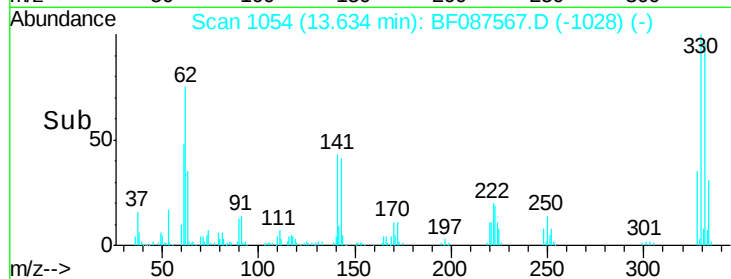
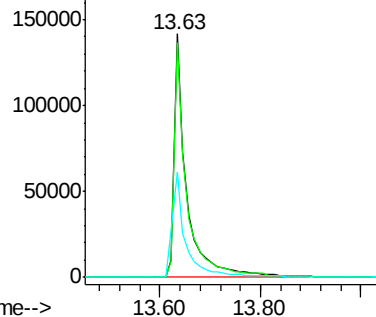
#41
 2,4,6-Tribromophenol
 Concen: 120.81 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BF087567.D
 Acq: 31 May 2016 1:02

Instrument :
 BNA_F
 ClientSampleId :
 MW-17

Tot Ion:330 Resp: 246251
 Ion Ratio Lower Upper
 330 100
 332 97.0 79.0 118.4
 141 47.1 31.2 46.8#

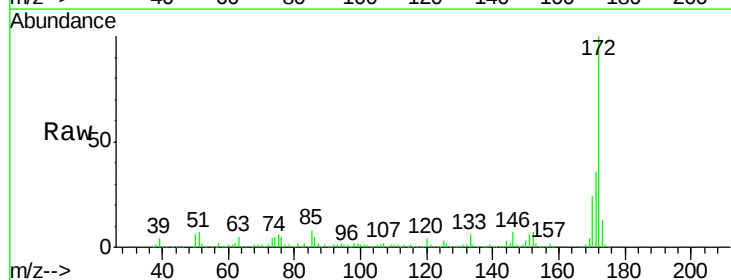


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

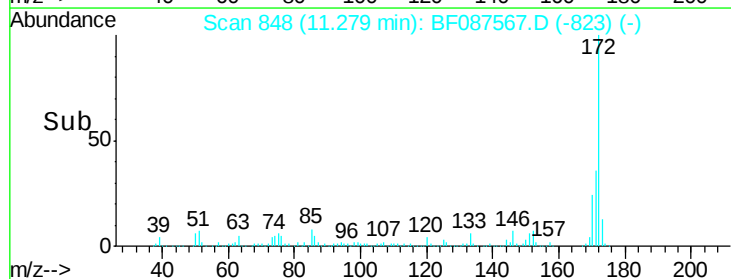
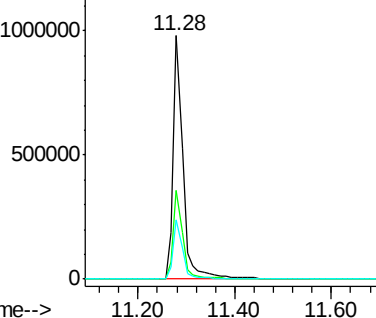


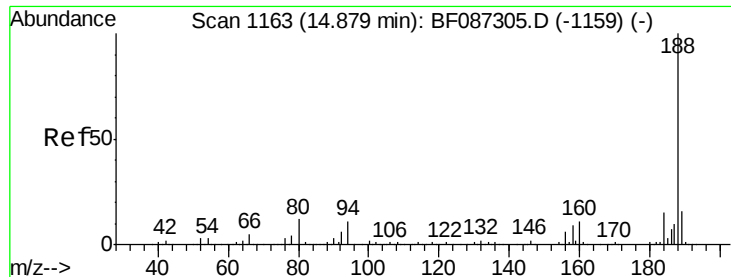
#44
 2-Fluorobiphenyl
 Concen: 92.54 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BF087567.D
 Acq: 31 May 2016 1:02

Tgt Ion:172 Resp: 1392297
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.0 43.6
 170 24.4 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

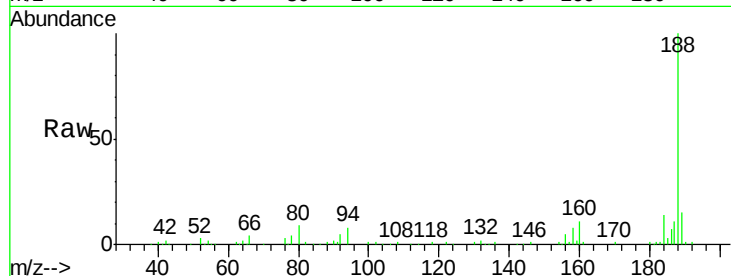




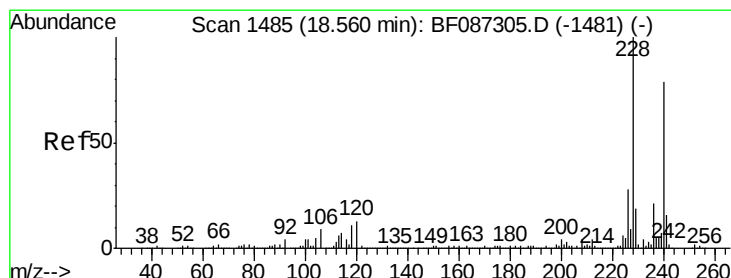
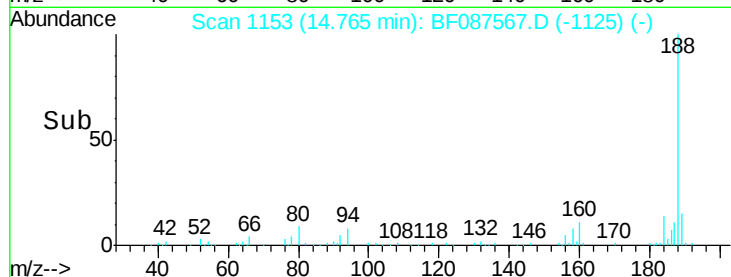
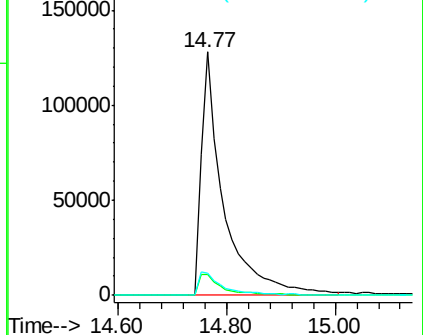
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.77 min Scan# 1153
Delta R.T. 0.02 min
Lab File: BF087567.D
Acq: 31 May 2016 1:02

Instrument :
BNA_F
ClientSampleId :
MW-17

Tot Ion:188 Resp: 363677
Ion Ratio Lower Upper
188 100
94 8.5 6.8 10.2
80 9.2 7.1 10.7

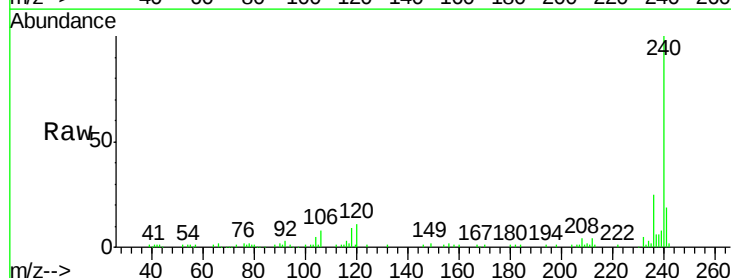


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

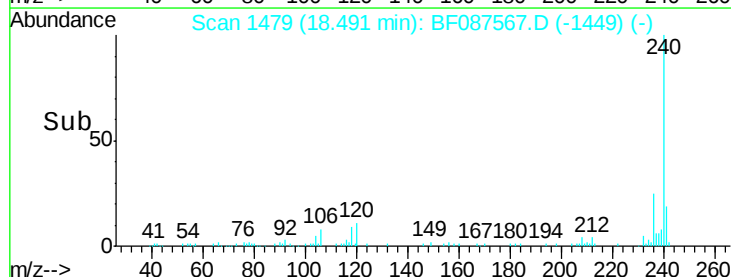
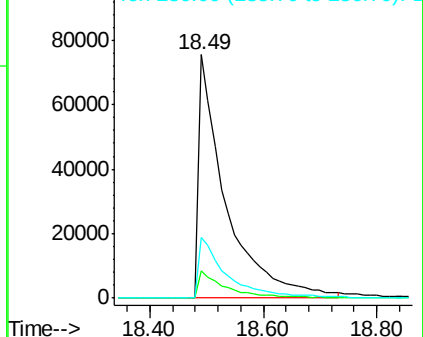


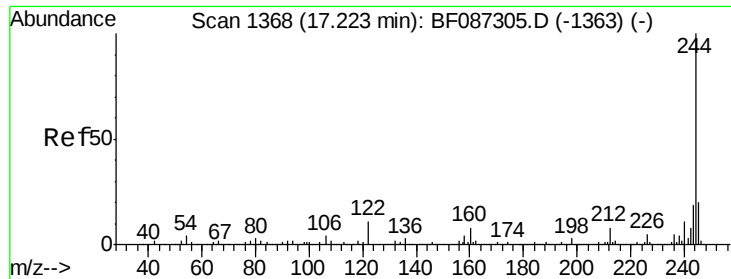
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.49 min Scan# 1479
Delta R.T. 0.05 min
Lab File: BF087567.D
Acq: 31 May 2016 1:02

Tgt Ion:240 Resp: 247516
Ion Ratio Lower Upper
240 100
120 11.3 11.2 16.8
236 25.1 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: 96.82 ng

RT: 17.10 min Scan# 1357

Delta R.T. 0.00 min

Lab File: BF087567.D

Acq: 31 May 2016 1:02

Instrument :

BNA_F

ClientSampleId :

MW-17

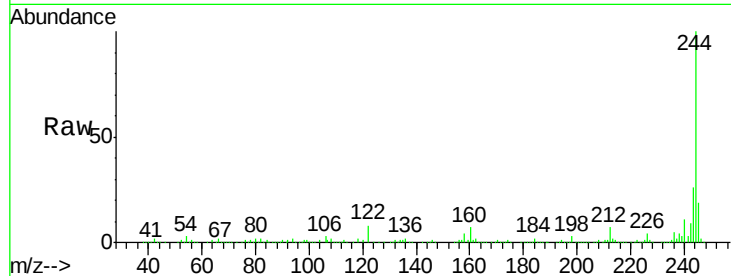
Tot Ion:244 Resp: 1127181

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

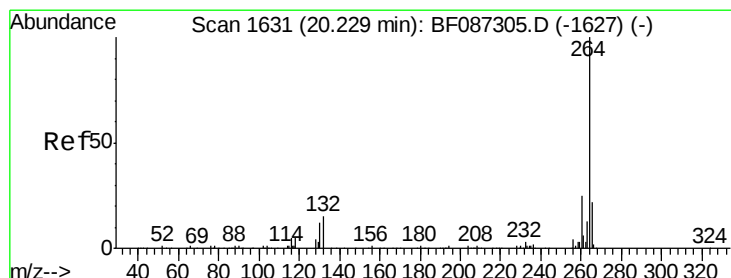
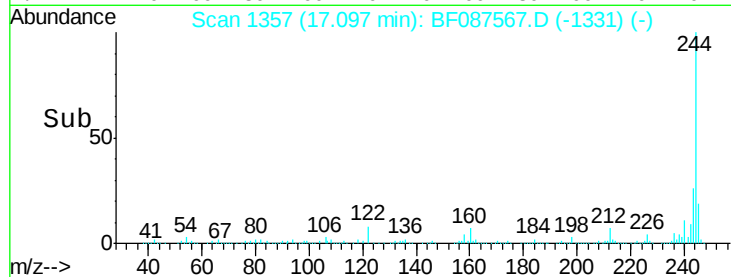
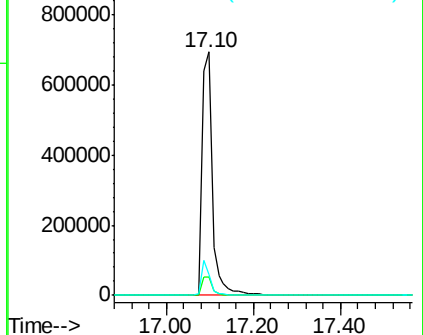
122 8.4 12.0 18.0#



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: 20.19 min Scan# 1628

Delta R.T. 0.07 min

Lab File: BF087567.D

Acq: 31 May 2016 1:02

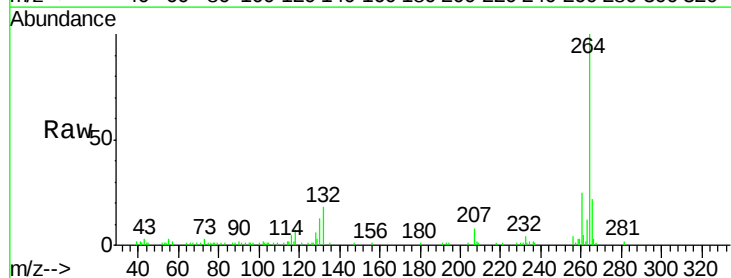
Tgt Ion:264 Resp: 201595

Ion Ratio Lower Upper

264 100

260 24.7 19.5 29.3

265 22.0 17.3 25.9



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

