

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
 Data File : BF087638.D
 Acq On : 2 Jun 2016 3:12
 Operator : UM/SJ
 Sample : H3349-14
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-23

Quant Time: Jun 02 03:54:49 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 02:13:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	110292	20.00	ng	0.01
21) Naphthalene-d8	9.46	136	450657	20.00	ng	0.00
38) Acenaphthene-d10	12.27	164	204777	20.00	ng	-0.01
63) Phenanthrene-d10	14.69	188	382968	20.00	ng	0.00
75) Chrysene-d12	18.41	240	274444	20.00	ng	0.01
86) Perylene-d12	20.09	264	206384	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	424432	67.62	ng	0.02
7) Phenol-d6	6.99	99	508261	59.93	ng	-0.01
23) Nitrobenzene-d5	8.34	82	849874	95.04	ng	-0.02
41) 2,4,6-Tribromophenol	13.58	330	297121	150.99	ng	-0.01
44) 2-Fluorobiphenyl	11.23	172	1419215	97.71	ng	0.00
78) Terphenyl-d14	17.04	244	1269553	98.35	ng	-0.01

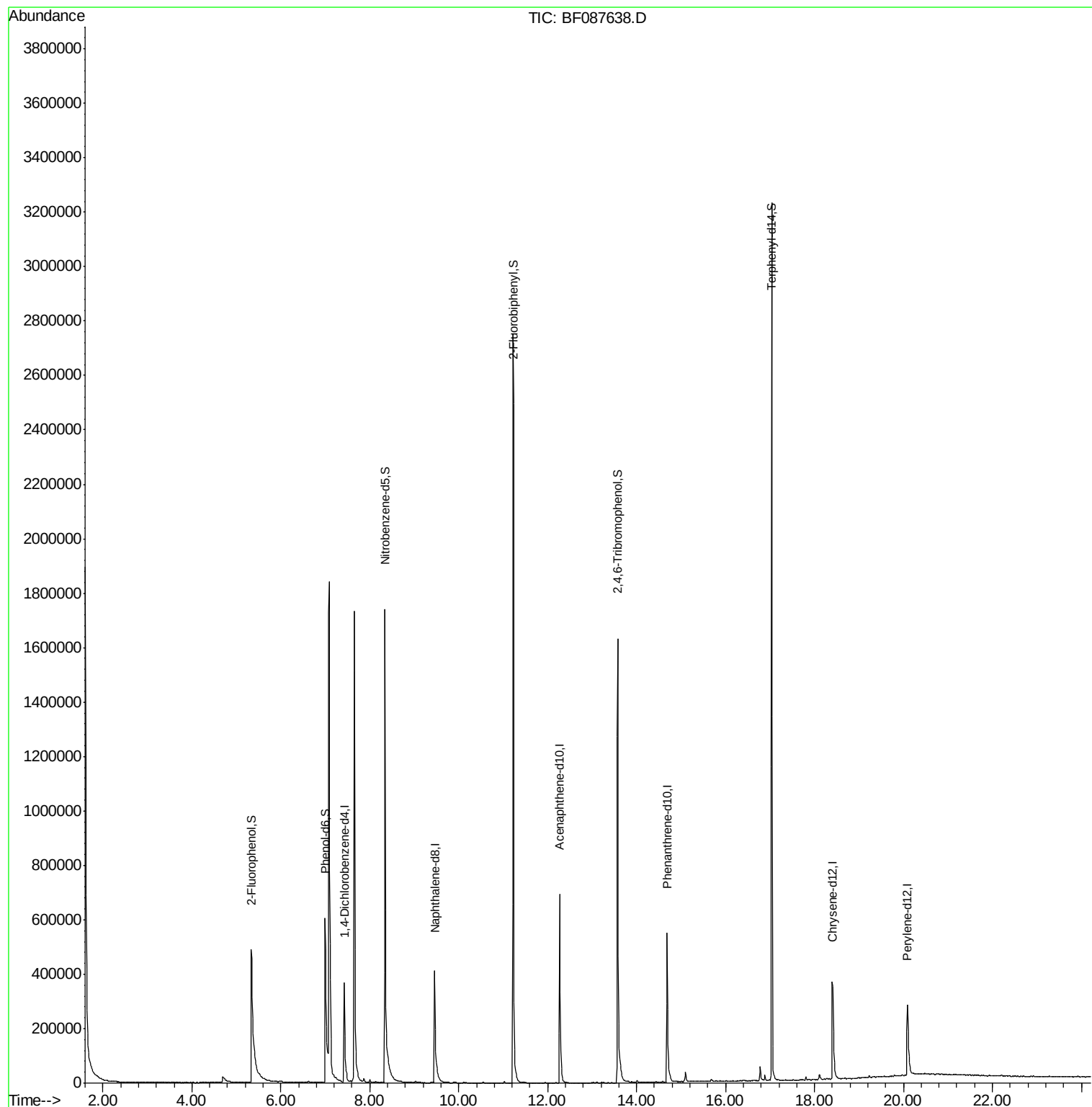
Target Compounds Qvalue

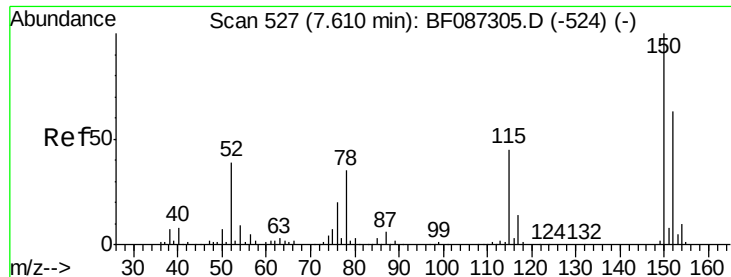
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087638.D
Acq On : 2 Jun 2016 3:12
Operator : UM/SJ
Sample : H3349-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-23

Quant Time: Jun 02 03:54:49 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 02 02:13:57 2016
Response via : Initial Calibration



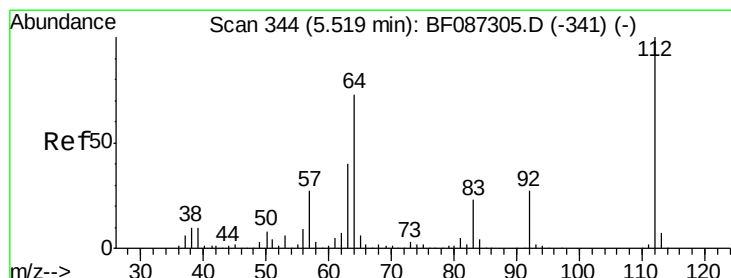
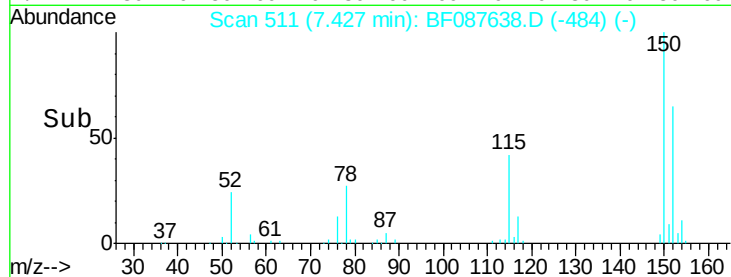
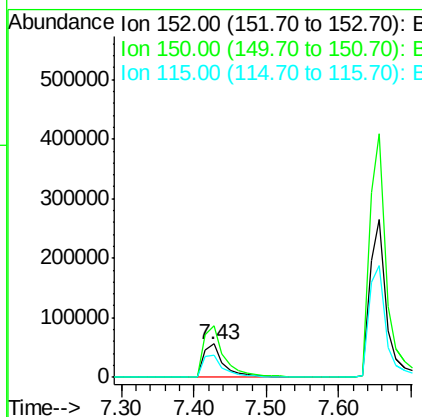
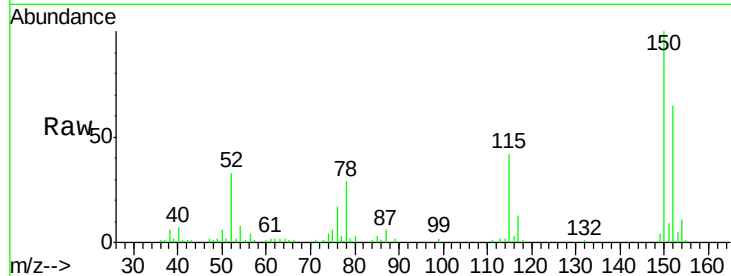


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.43 min Scan# 511
Delta R.T. 0.01 min
Lab File: BF087638.D
Acq: 2 Jun 2016 3:12

Instrument :
BNA_F
ClientSampleId :
W-23

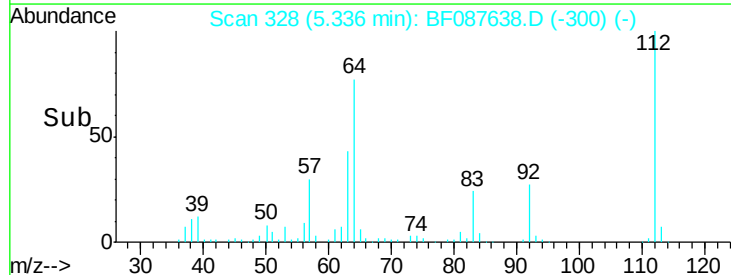
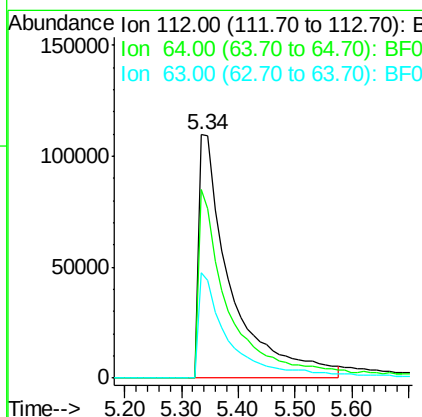
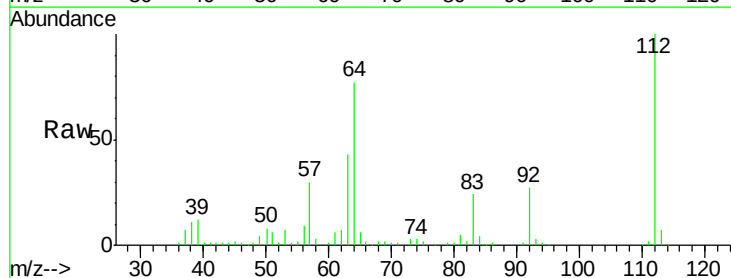
Tot Ion:152 Resp: 110292
Ion Ratio Lower Upper
152 100
150 154.3 125.8 188.6
115 64.9 51.5 77.3

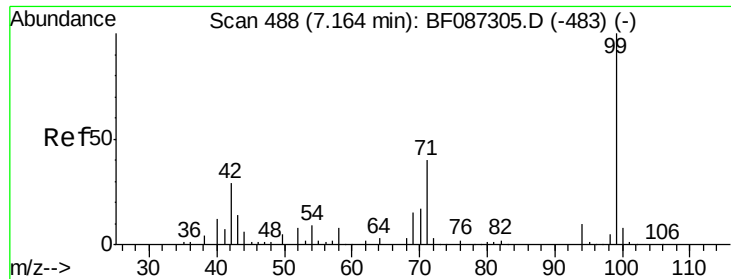


#5

2-Fluorophenol
Concen: 67.62 ng
RT: 5.34 min Scan# 328
Delta R.T. 0.02 min
Lab File: BF087638.D
Acq: 2 Jun 2016 3:12

Tgt Ion:112 Resp: 424432
Ion Ratio Lower Upper
112 100
64 77.3 52.1 78.1
63 43.2 25.7 38.5#





#7

Phenol-d6

Concen: 59.93 ng

RT: 6.99 min Scan# 473

Delta R.T. -0.01 min

Lab File: BF087638.D

Acq: 2 Jun 2016 3:12

Instrument :

BNA_F

ClientSampleId :

W-23

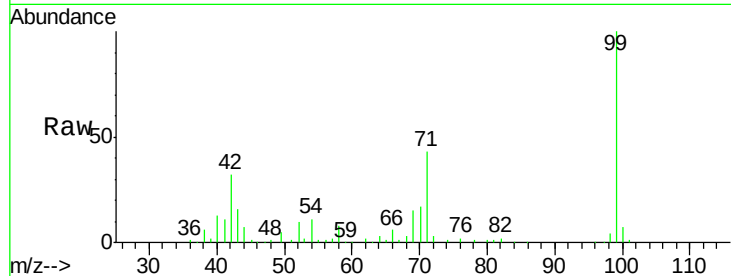
Tot Ion: 99 Resp: 508261

Ion Ratio Lower Upper

99 100

42 32.5 13.6 20.4#

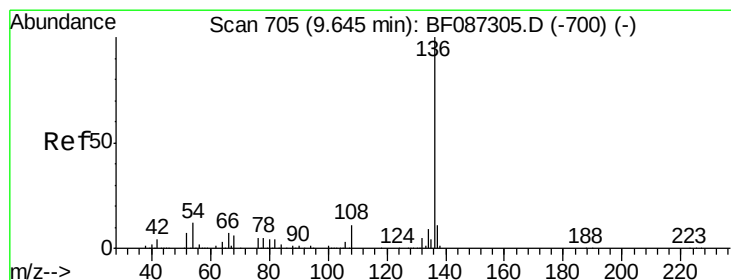
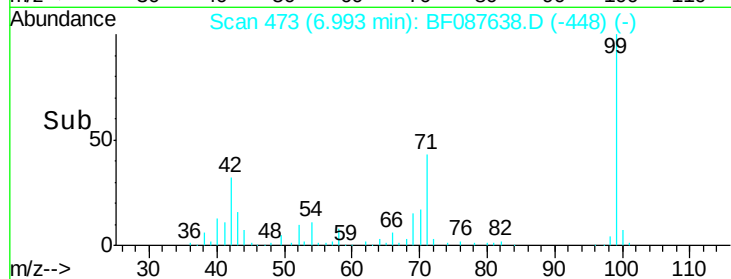
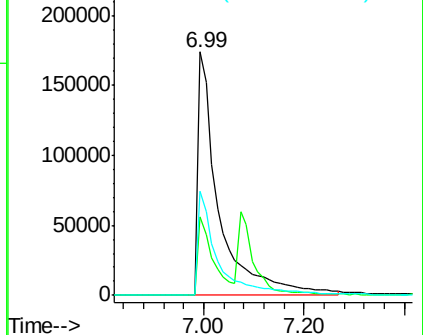
71 42.8 24.6 36.8#



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: 9.46 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF087638.D

Acq: 2 Jun 2016 3:12

Tgt Ion: 136 Resp: 450657

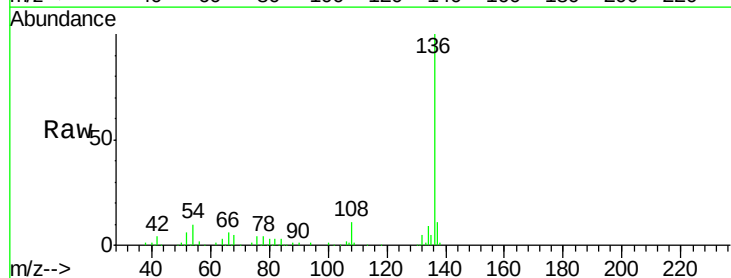
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 10.2 5.0 7.4#

68 5.1 4.4 6.6

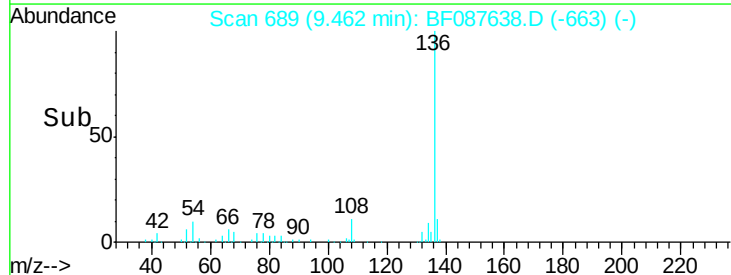
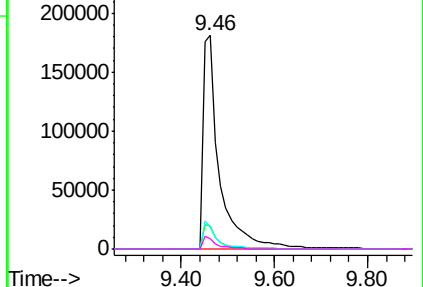


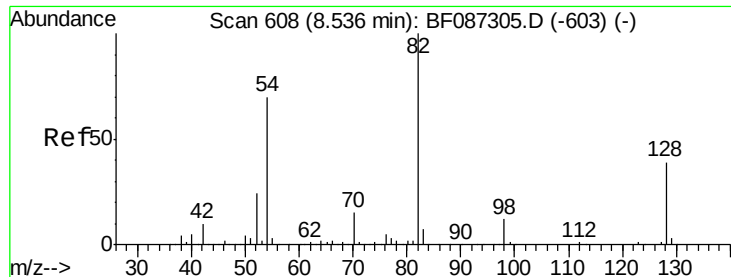
Abundance Ion 136.00 (135.70 to 136.70): E

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

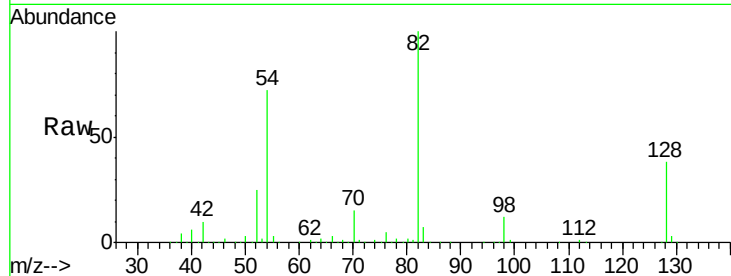




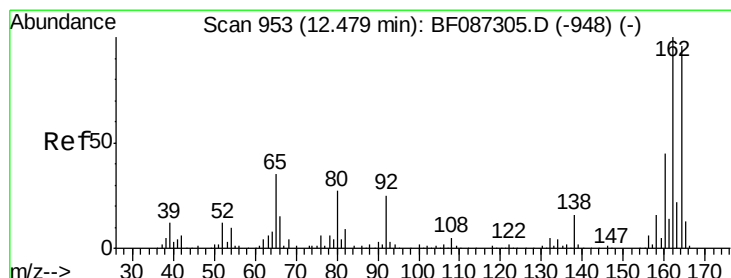
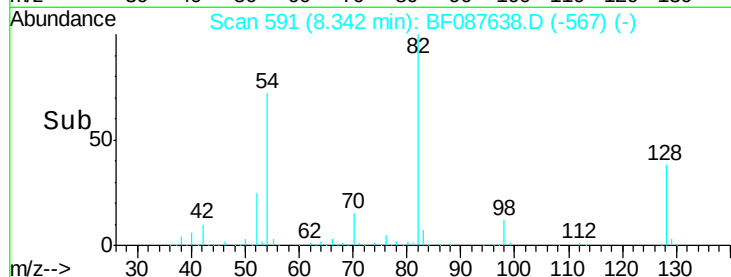
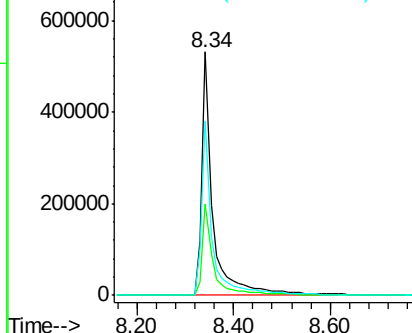
#23
 Nitrobenzene-d5
 Concen: 95.04 ng
 RT: 8.34 min Scan# 591
 Delta R.T. -0.02 min
 Lab File: BF087638.D
 Acq: 2 Jun 2016 3:12

Instrument :
 BNA_F
 ClientSampleId :
 W-23

Tot Ion: 82 Resp: 849874
 Ion Ratio Lower Upper
 82 100
 128 37.7 40.6 61.0#
 54 71.9 38.1 57.1#

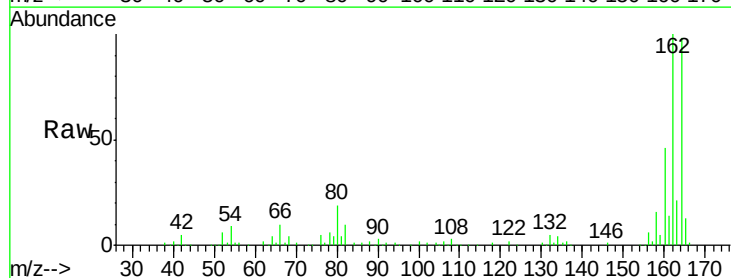


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

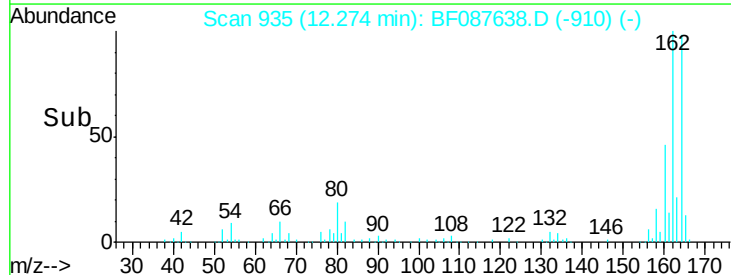
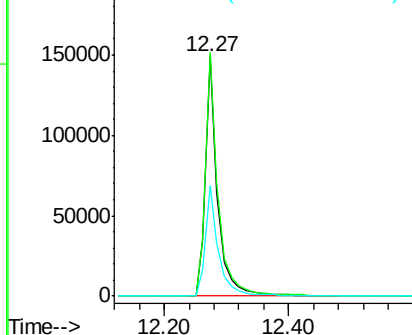


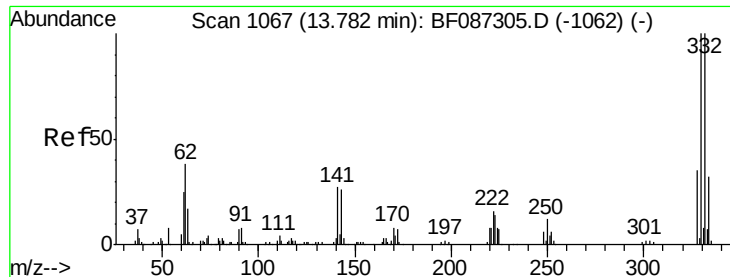
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.27 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: BF087638.D
 Acq: 2 Jun 2016 3:12

Tgt Ion: 164 Resp: 204777
 Ion Ratio Lower Upper
 164 100
 162 101.8 82.8 124.2
 160 46.4 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

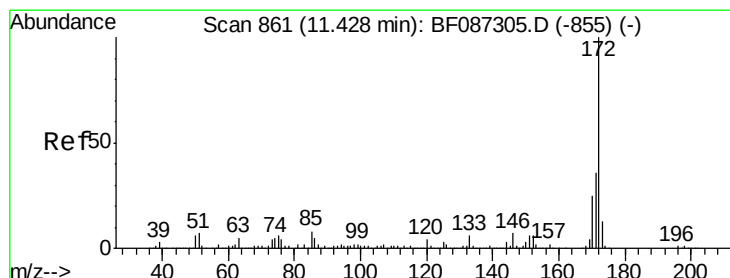
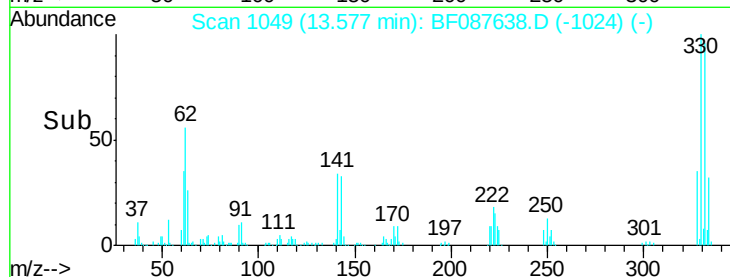
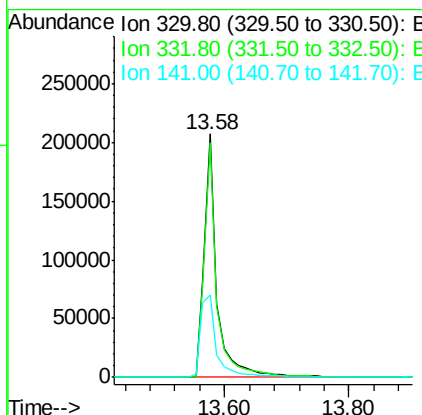
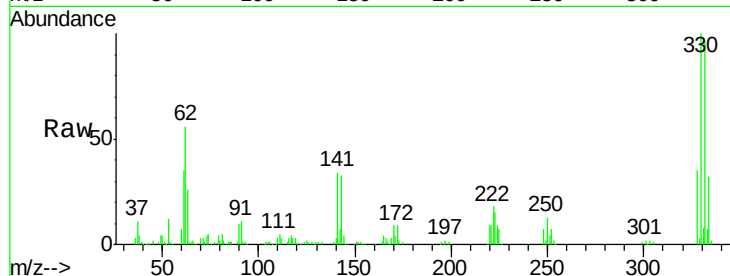




#41
 2,4,6-Tribromophenol
 Concen: 150.99 ng
 RT: 13.58 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BF087638.D
 Acq: 2 Jun 2016 3:12

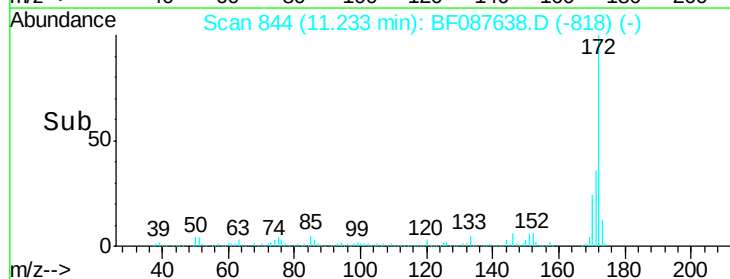
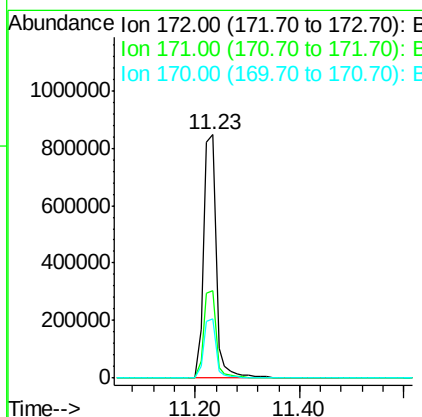
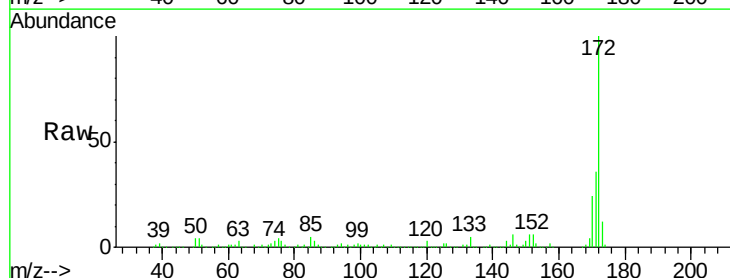
Instrument :
 BNA_F
 ClientSampleId :
 W-23

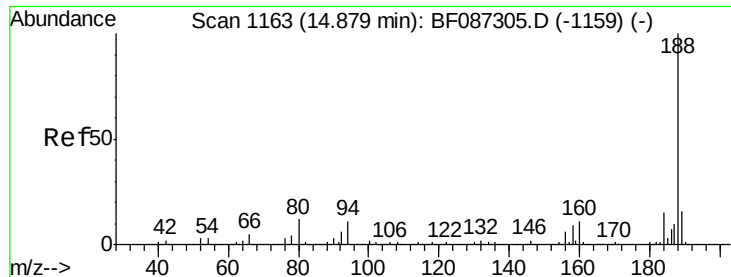
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	79.0	118.4
141	43.4	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 97.71 ng
 RT: 11.23 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: BF087638.D
 Acq: 2 Jun 2016 3:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	24.4	19.8	29.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.69 min Scan# 1146

Delta R.T. 0.00 min

Lab File: BF087638.D

Acq: 2 Jun 2016 3:12

Instrument :

BNA_F

ClientSampled :

W-23

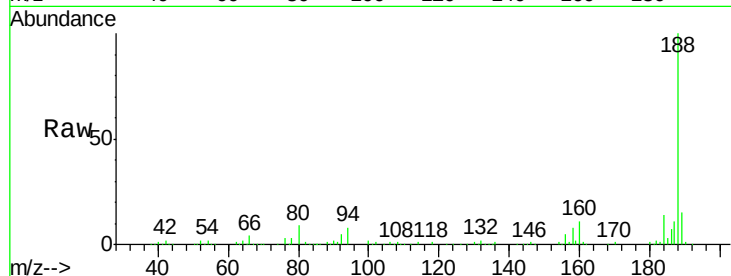
Tot Ion:188 Resp: 382968

Ion Ratio Lower Upper

188 100

94 8.3 6.8 10.2

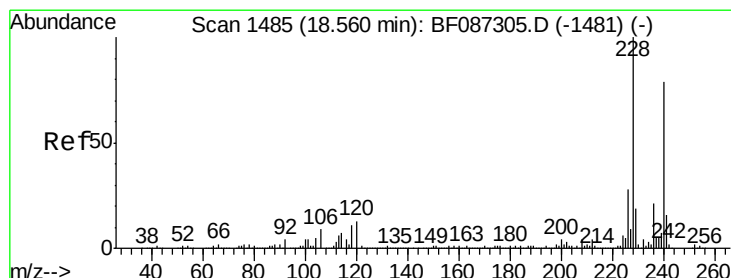
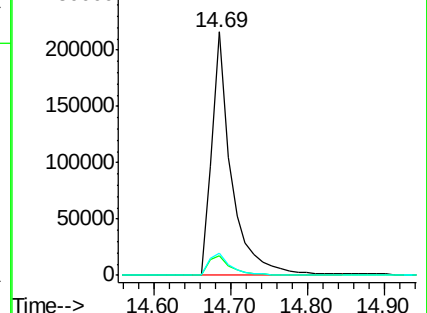
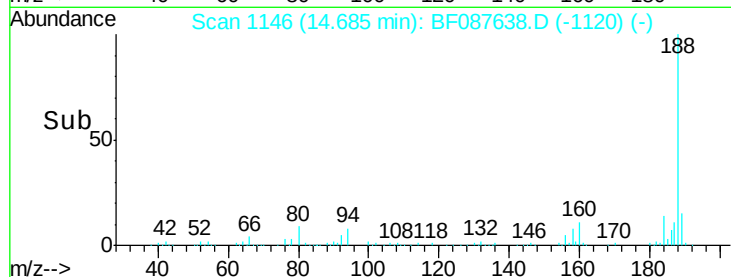
80 9.4 7.1 10.7



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: 18.41 min Scan# 1472

Delta R.T. 0.01 min

Lab File: BF087638.D

Acq: 2 Jun 2016 3:12

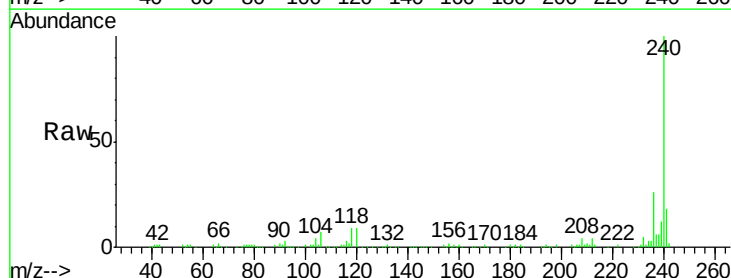
Tgt Ion:240 Resp: 274444

Ion Ratio Lower Upper

240 100

120 9.4 11.2 16.8#

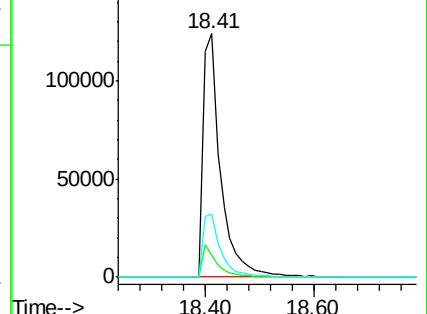
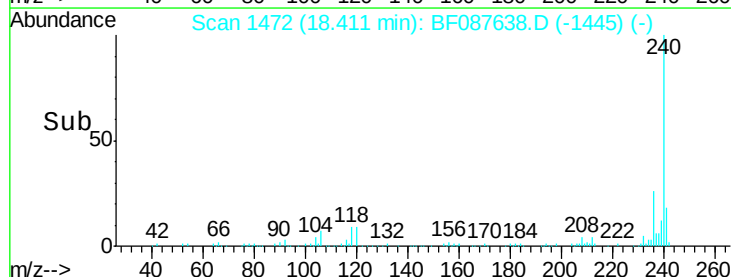
236 25.9 21.2 31.8

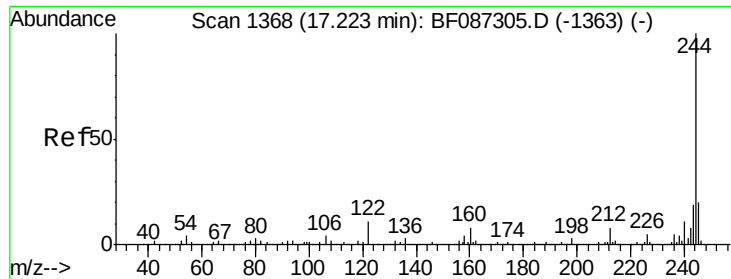


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 98.35 ng

RT: 17.04 min Scan# 1352

Delta R.T. -0.01 min

Lab File: BF087638.D

Acq: 2 Jun 2016 3:12

Instrument :

BNA_F

ClientSampleId :

W-23

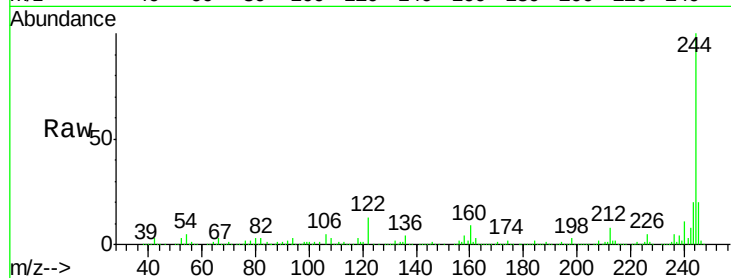
Tot Ion:244 Resp: 1269553

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

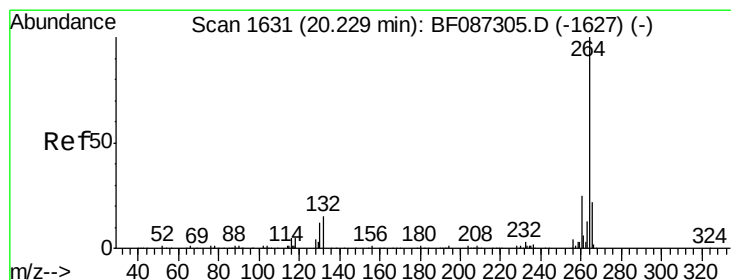
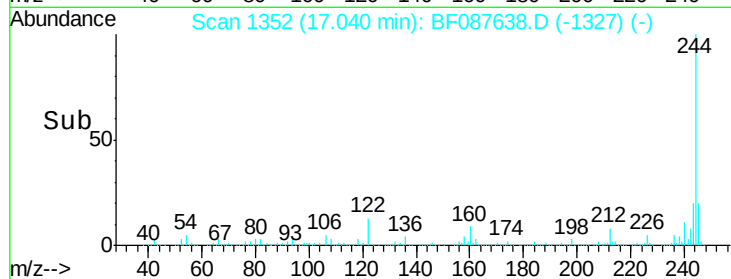
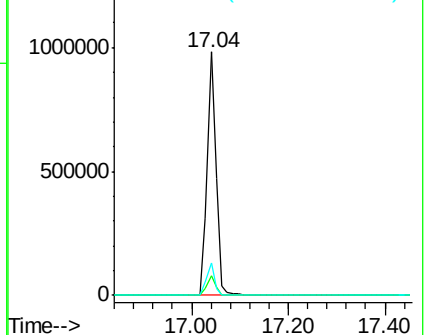
122 13.4 12.0 18.0



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: 20.09 min Scan# 1619

Delta R.T. 0.01 min

Lab File: BF087638.D

Acq: 2 Jun 2016 3:12

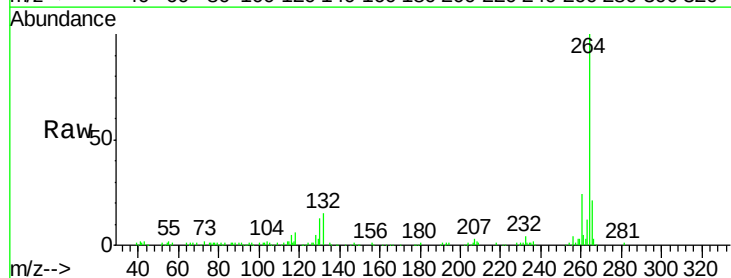
Tgt Ion:264 Resp: 206384

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 20.9 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

