

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 03:50:24 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

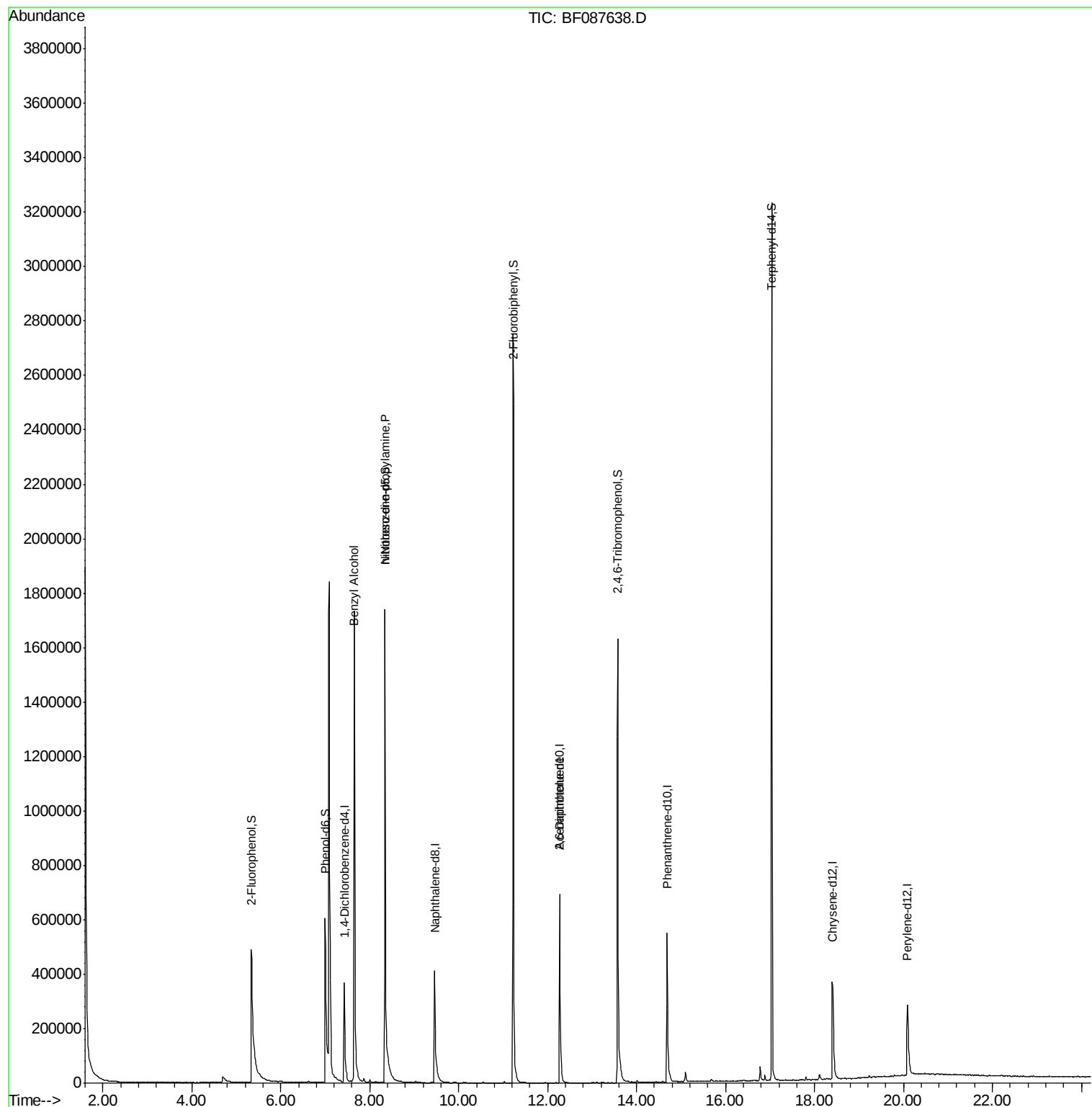
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	110292	20.00	ng	0.01
21) Naphthalene-d8	9.46	136	450657	20.00	ng	0.00
38) Acenaphthene-d10	12.27	164	204777	20.00	ng	-0.01
63) Phenanthrene-d10	14.69	188	382968	20.00	ng	0.00
75) Chrysene-d12	18.41	240	274444	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						
15) Benzyl Alcohol	7.64	79	14877	2.41	ng	# 47
19) n-Nitroso-di-n-propylamine	8.34	70	112945	17.86	ng	# 74
50) 2,6-Dinitrotoluene	12.27	165	23732	7.18	ng	# 20

(#) = 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 03:50:24 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

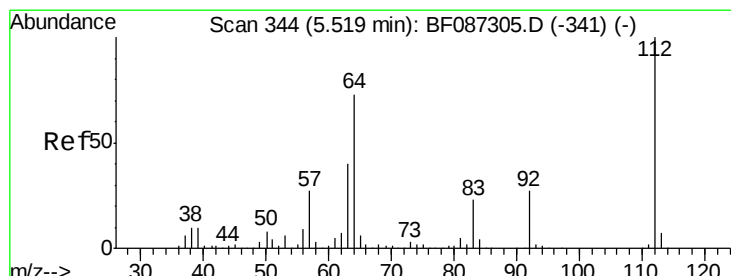
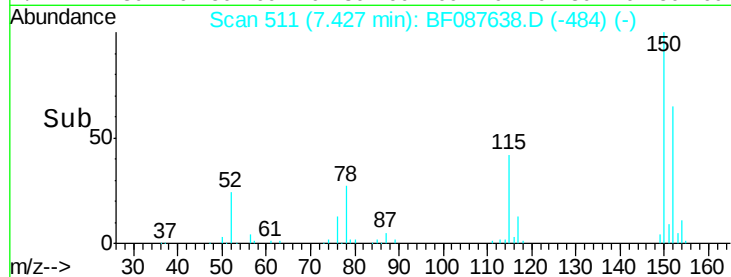
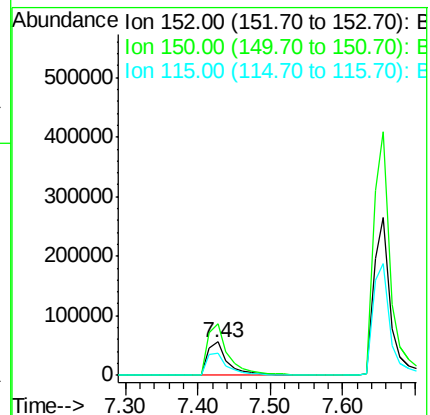
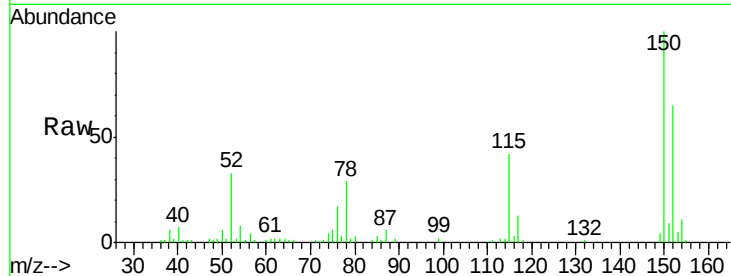
Tgt Ion:152 Resp: 110292

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

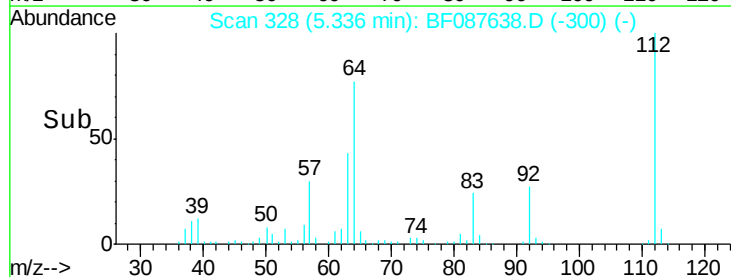
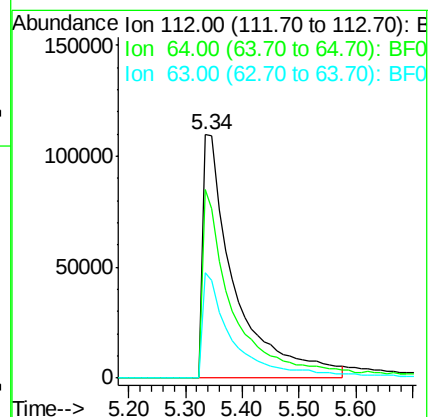
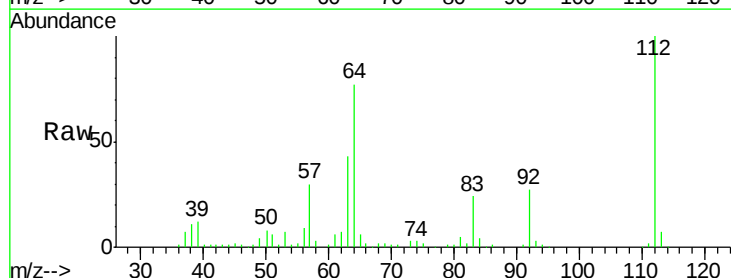
Tgt Ion:112 Resp: 424432

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

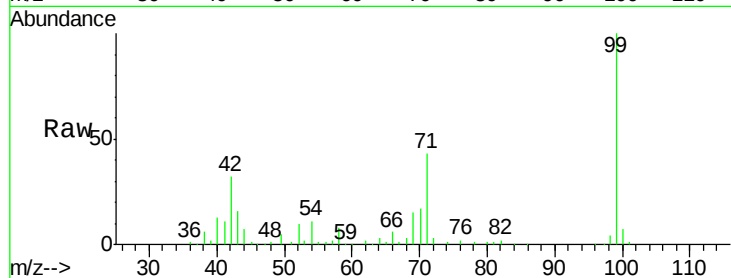
Tgt Ion: 99 Resp: 508261

Ion Ratio Lower Upper

99 100

42 32.5 13.6 20.4#

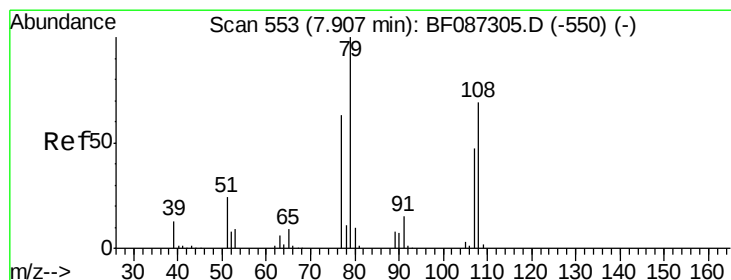
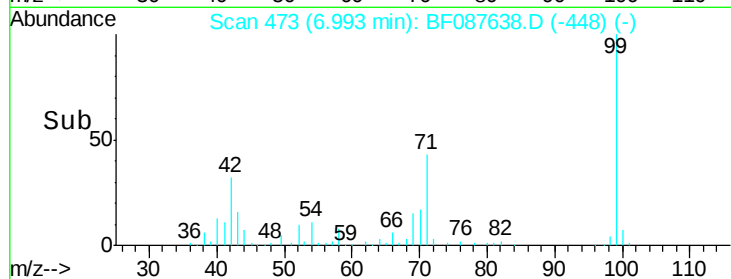
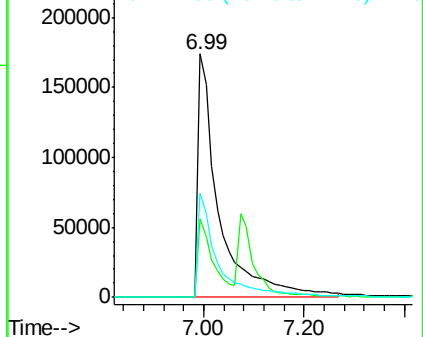
71 42.8 24.6 36.8#



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



#15

Benzyl Alcohol

Concen: 2.41 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.09 min

Lab File: BF087638.D

Acq: 2 Jun 2016 3:12

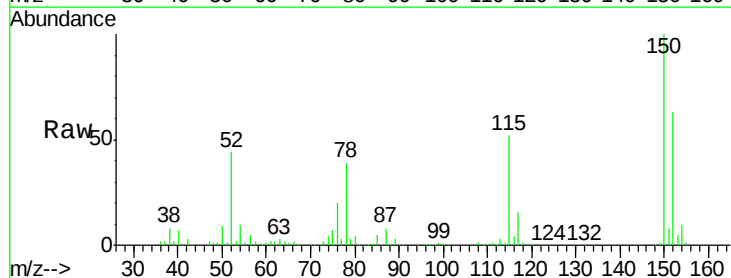
Tgt Ion: 79 Resp: 14877

Ion Ratio Lower Upper

79 100

108 27.9 68.4 102.6#

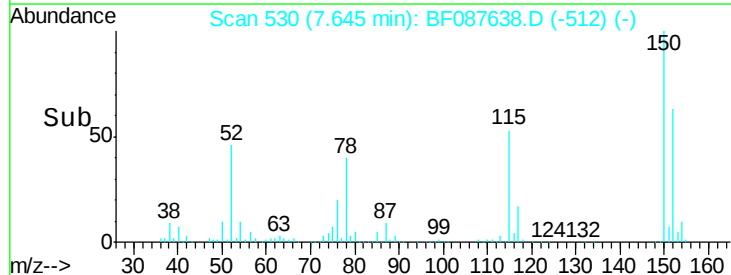
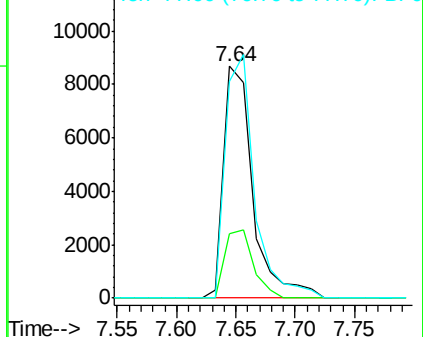
77 93.3 50.6 76.0#

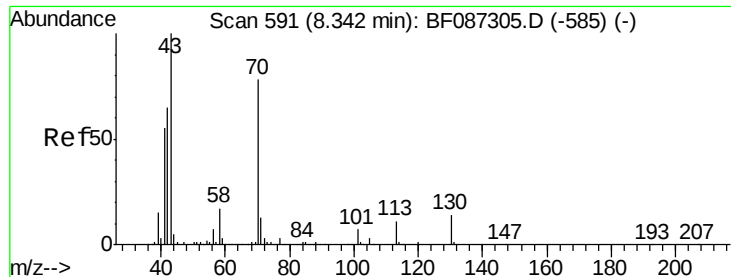


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

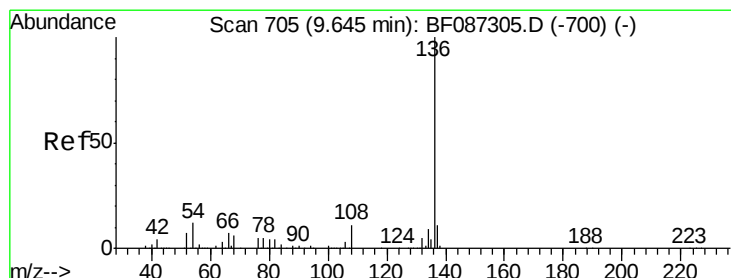
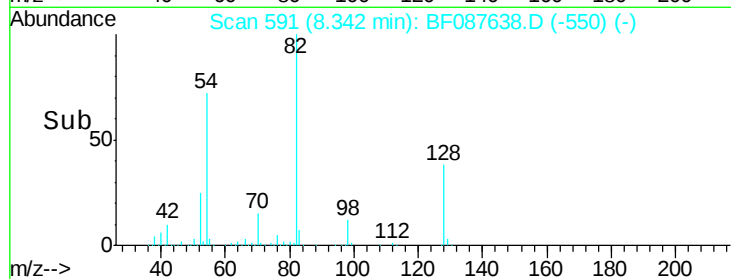
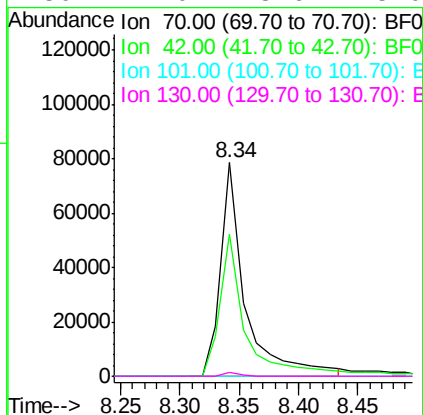
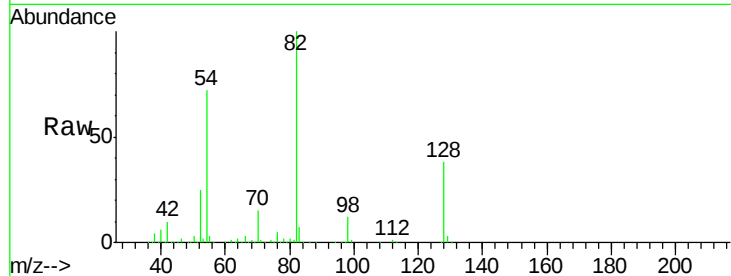




#19
n-Nitroso-di-n-propylamine
Concen: 17.86 ng
RT: 8.34 min Scan# 591
Delta R.T. 0.17 min
Lab File: BF087638.D
Acq: 2 Jun 2016 3:12

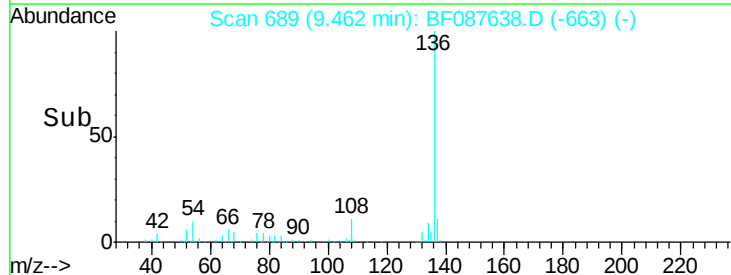
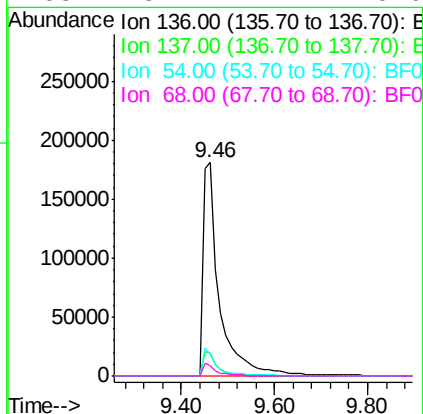
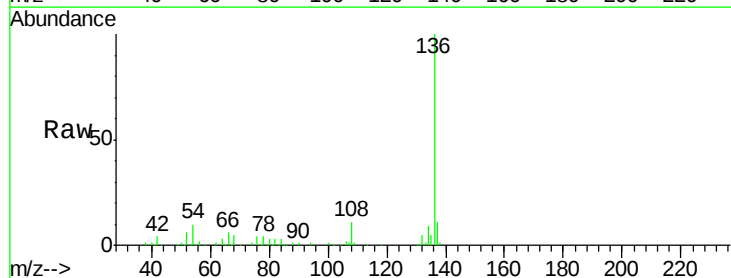
Instrument :
BNA_F
ClientSampleId :
W-23

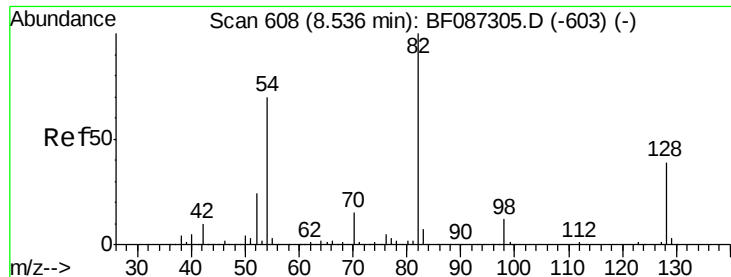
Tgt Ion: 70 Resp: 112945
Ion Ratio Lower Upper
70 100
42 66.7 43.1 64.7#
101 0.0 8.1 12.1#
130 2.0 18.6 28.0#



#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

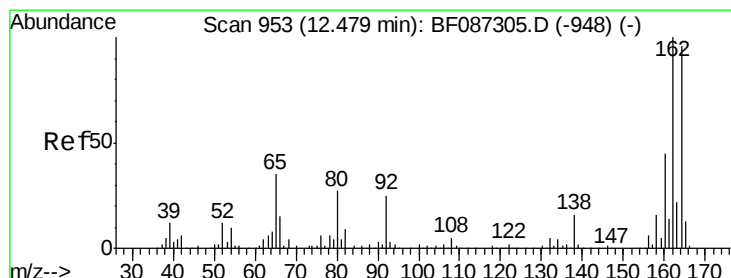
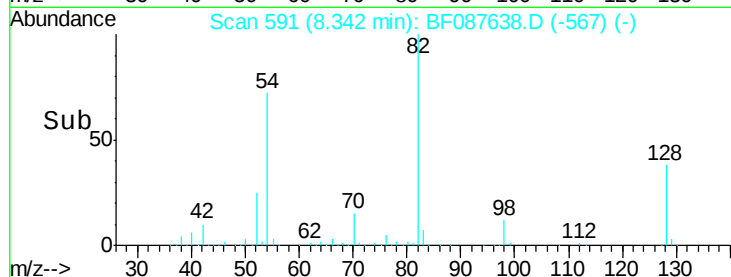
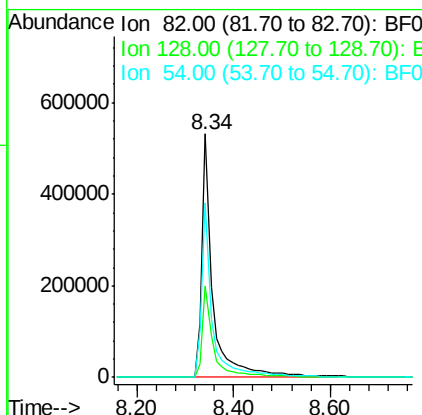
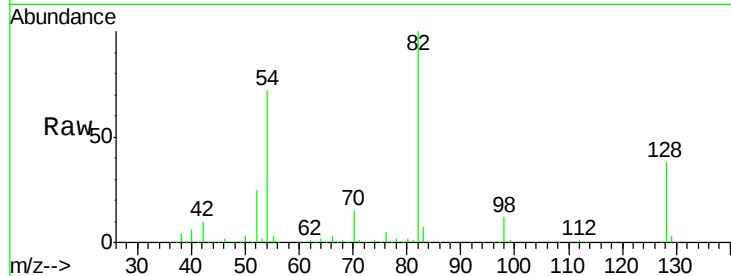




#23
 Nitrobenzene-d5
 Concen: 95.04 ng
 RT: 8.34 min Scan# 591
 Delta R.T. -0.02 min
 Lab File: BF087638.D
 Acq: 2 Jun 2016 3:12

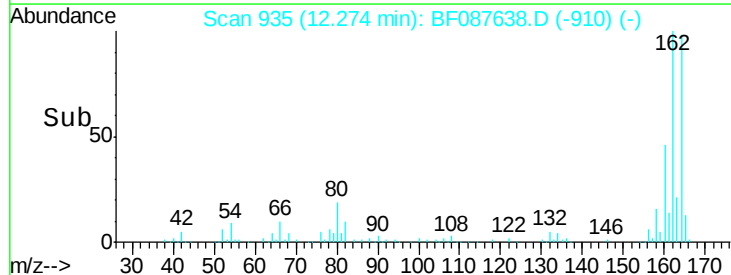
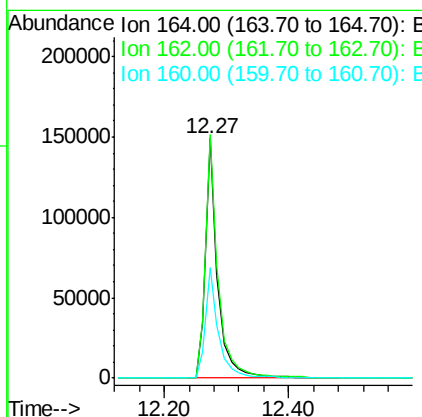
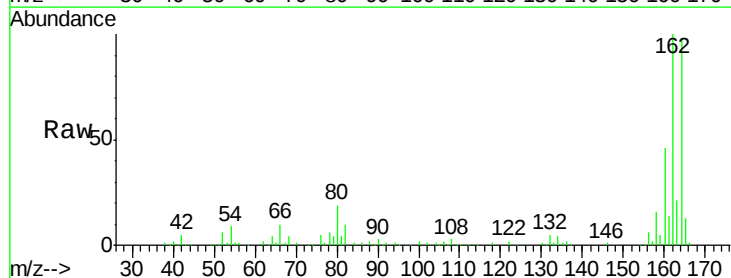
Instrument :
 BNA_F
 ClientSampleId :
 W-23

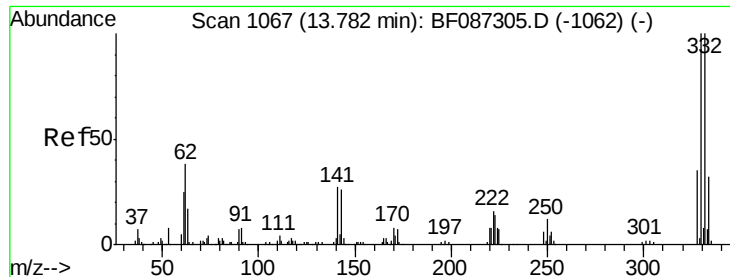
Tgt Ion: 82 Resp: 849874
 Ion Ratio Lower Upper
 82 100
 128 37.7 40.6 61.0#
 54 71.9 38.1 57.1#



#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

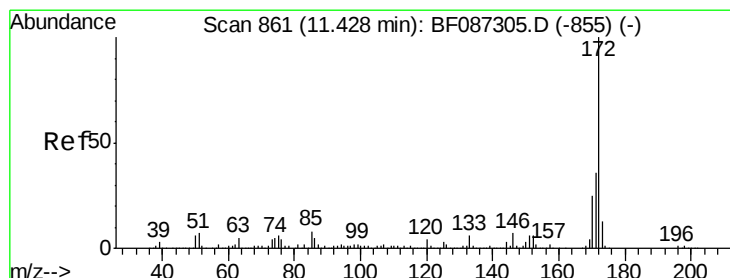
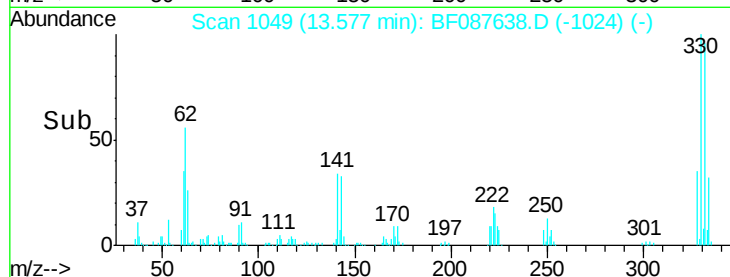
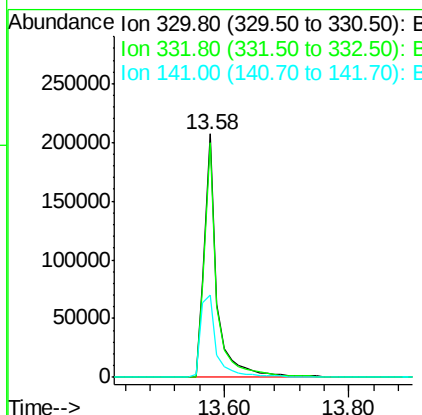
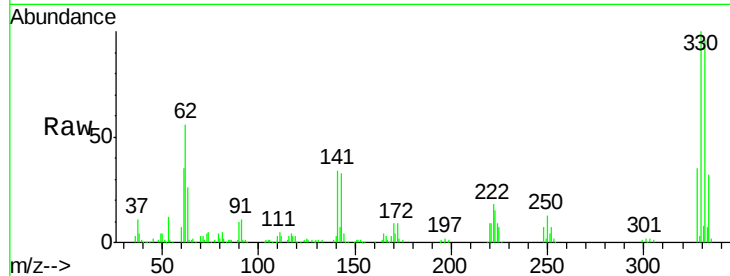




#41
 2,4,6-Tribromophenol
 Concen: 150.99 ng
 RT: 13.58 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BF087638.D
 Acq: 2 Jun 2016 3:12

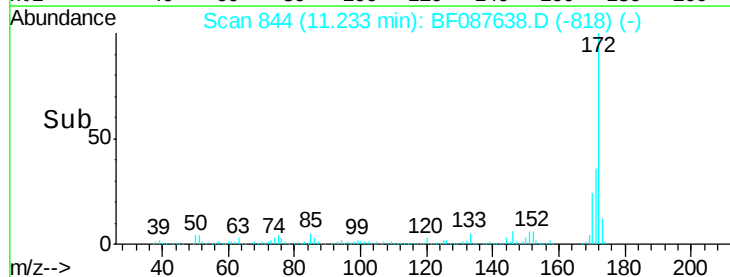
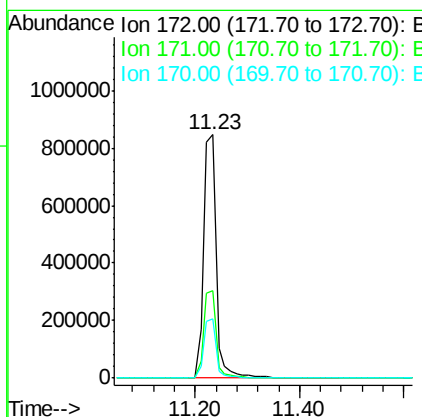
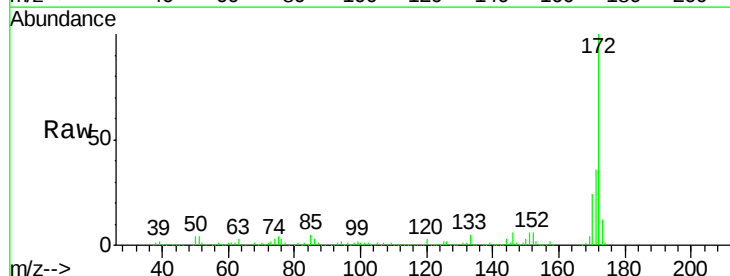
Instrument :
 BNA_F
 ClientSampleId :
 W-23

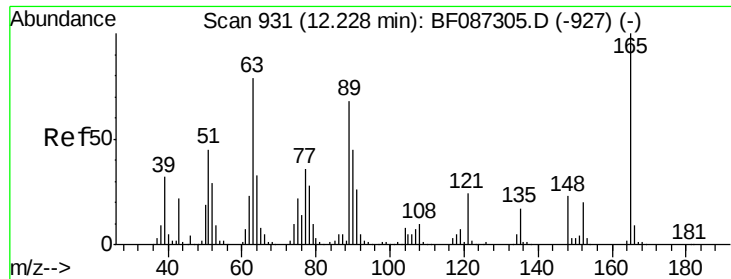
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	79.0	118.4
141	43.4	31.2	46.8



#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

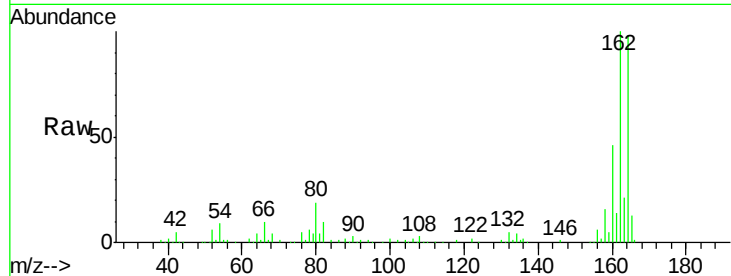




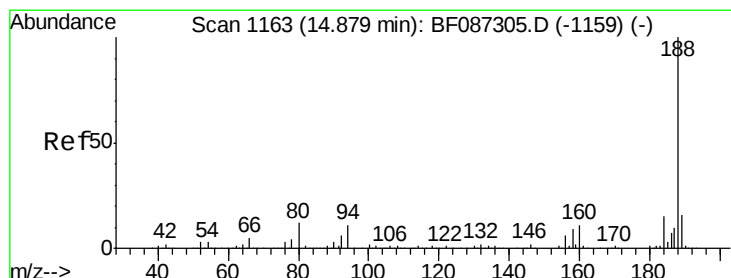
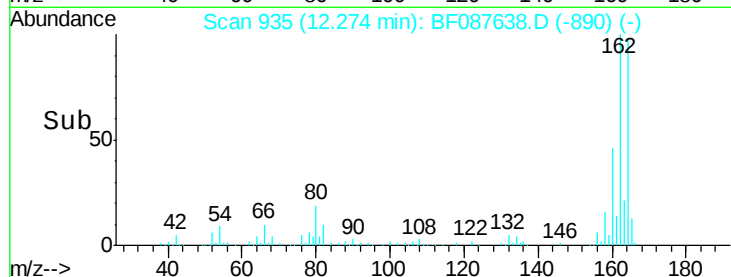
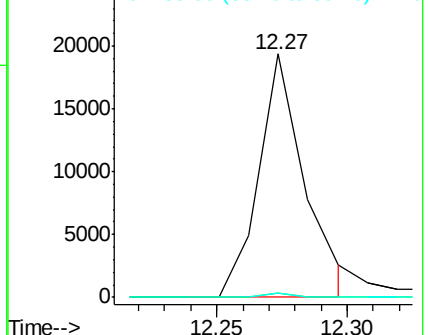
#50
 2,6-Dinitrotoluene
 Concen: 7.18 ng
 RT: 12.27 min Scan# 935
 Delta R.T. 0.22 min
 Lab File: BF087638.D
 Acq: 2 Jun 2016 3:12

Instrument :
 BNA_F
 ClientSampled :
 W-23

Tgt Ion:165 Resp: 23732
 Ion Ratio Lower Upper
 165 100
 63 1.8 51.8 77.8#
 89 1.9 50.7 76.1#

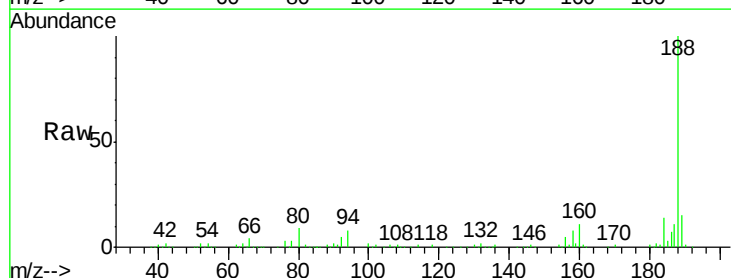


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

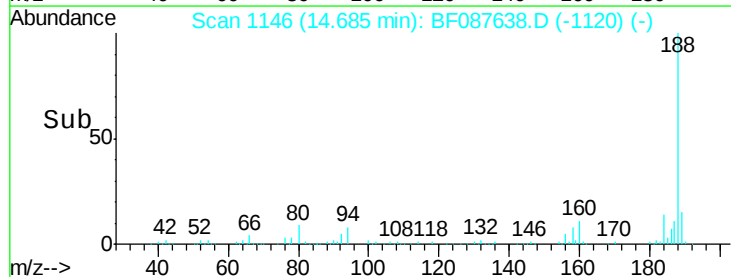
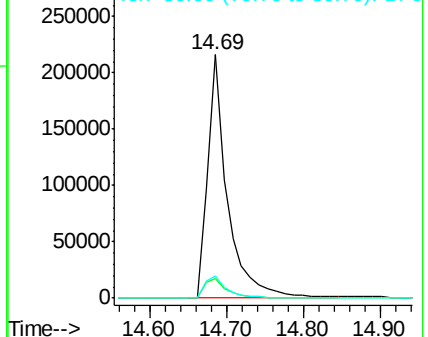


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.69 min Scan# 1146
 Delta R.T. 0.00 min
 Lab File: BF087638.D
 Acq: 2 Jun 2016 3:12

Tgt 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

Instrument :

BNA_F

ClientSampleId :

W-23

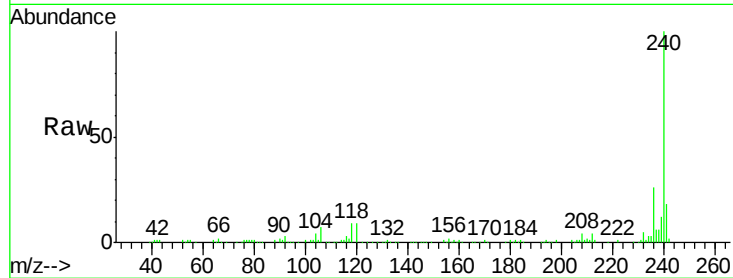
Tgt Ion:240 Resp: 274444

Ion Ratio Lower Upper

240 100

120 9.4 11.2 16.8#

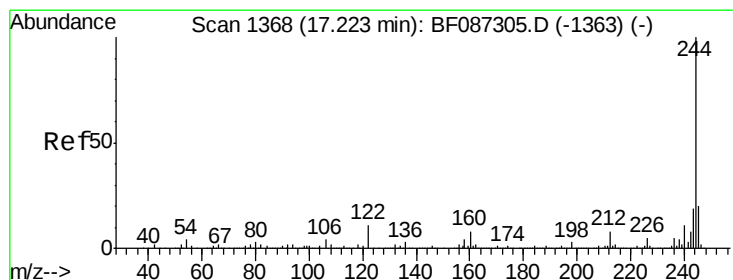
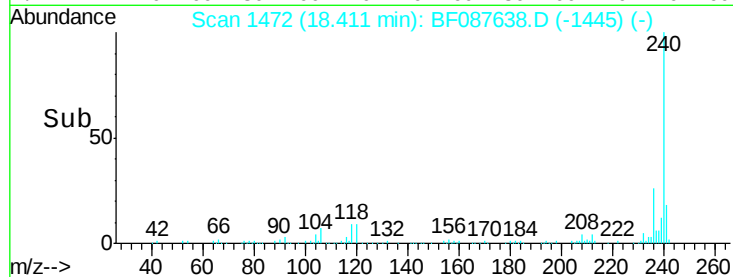
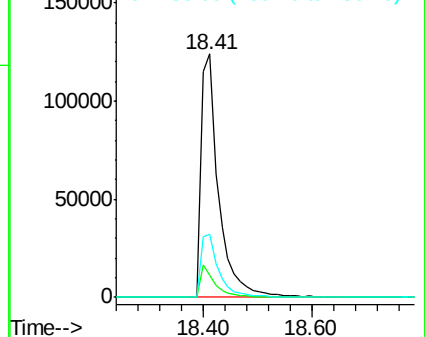
236 25.9 21.2 31.8



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

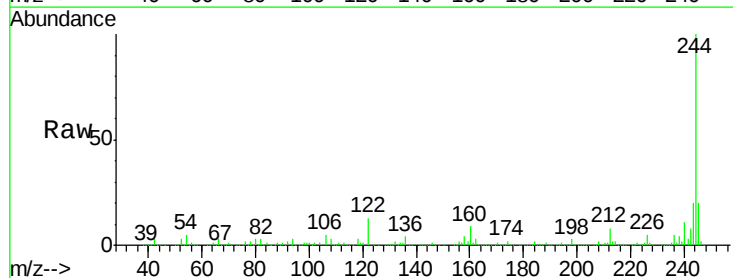
Tgt Ion:244 Resp: 1269553

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

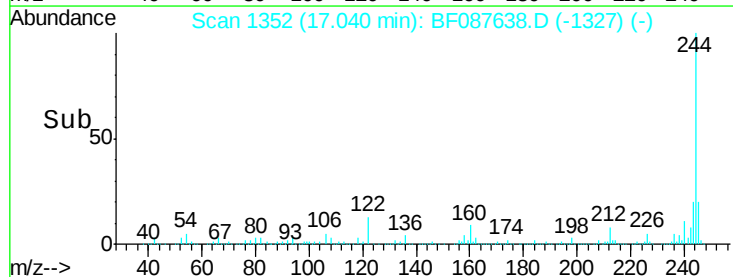
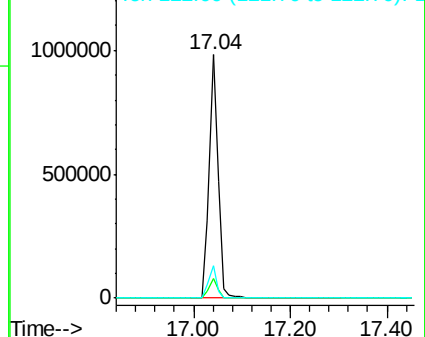
122 13.4 12.0 18.0

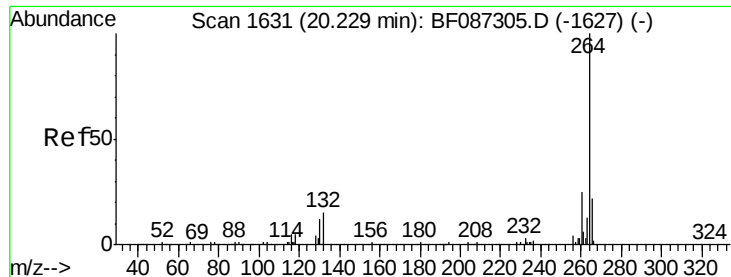


Abundance Ion 244.00 (243.70 to 244.70): E

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

Instrument :
BNA_F
ClientSampleId :
W-23

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

