

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
 Data File : BF087370.D
 Acq On : 25 May 2016 13:55
 Operator : UM/SJ
 Sample : H3238-02RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1605174350RE

Quant Time: May 26 05:10:11 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 16:26:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	105493	20.00	ng	0.00
21) Naphthalene-d8	9.55	136	456183	20.00	ng	0.00
38) Acenaphthene-d10	12.38	164	212900	20.00	ng	-0.01
63) Phenanthrene-d10	14.78	188	391519	20.00	ng	0.00
75) Chrysene-d12	18.47	240	315000	20.00	ng	-0.01
86) Perylene-d12	20.14	264	231668	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	36970	6.16	ng	0.06
7) Phenol-d6	7.08	99	71375	8.80	ng	0.01
23) Nitrobenzene-d5	8.47	82	39696	4.39	ng	0.02
41) 2,4,6-Tribromophenol	13.68	330	18657	9.12	ng	0.00
44) 2-Fluorobiphenyl	11.33	172	103052	6.82	ng	-0.01
78) Terphenyl-d14	17.12	244	101193	6.83	ng	-0.01

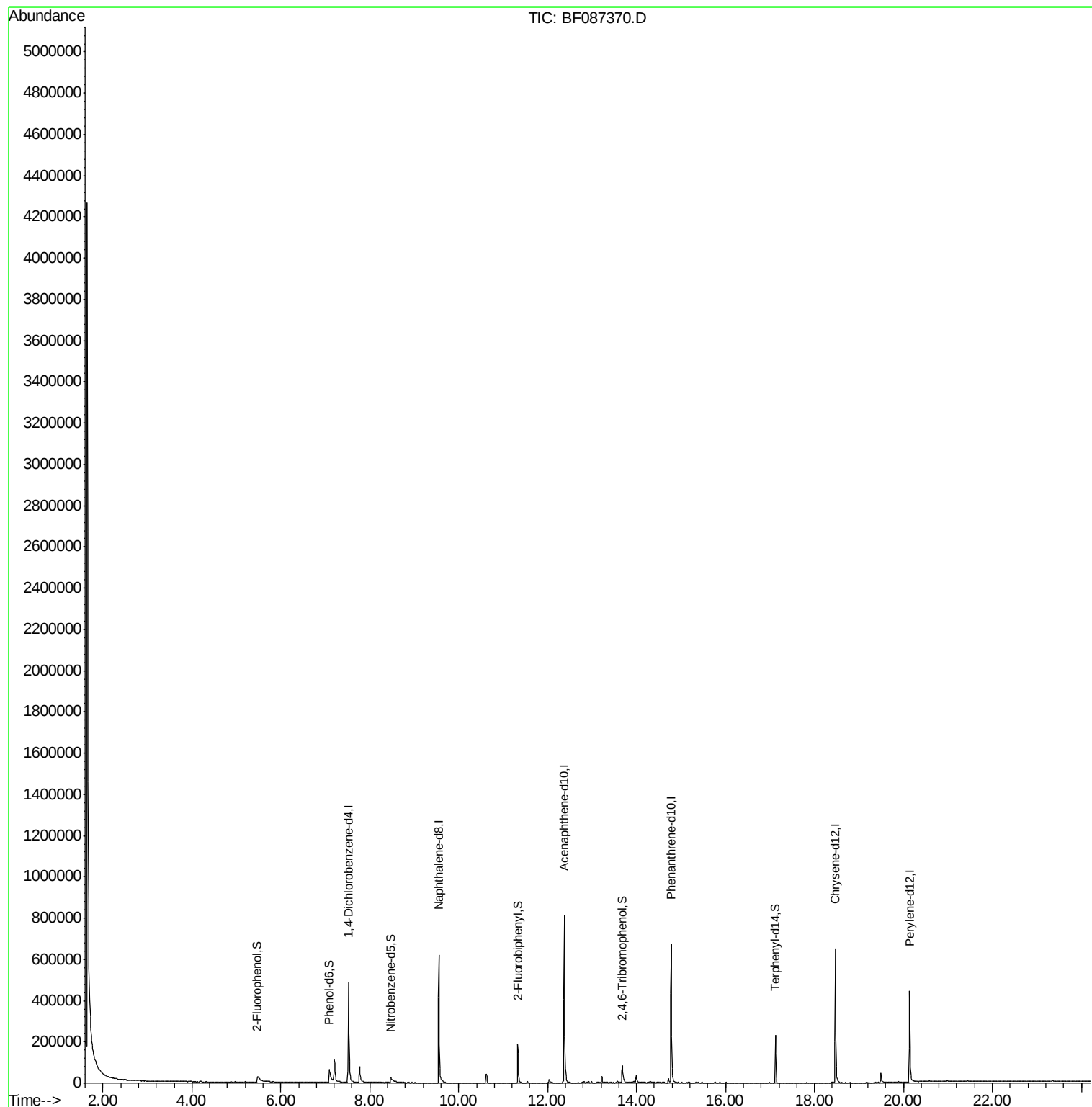
Target Compounds	Qvalue
------------------	--------

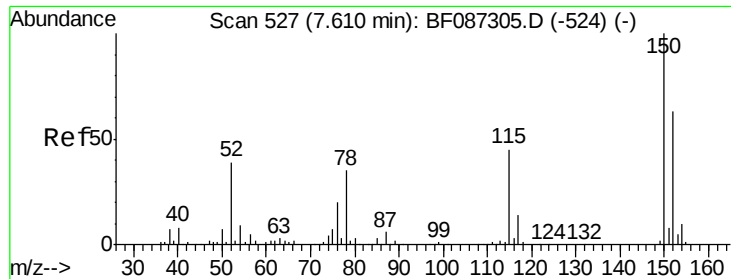
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087370.D
Acq On : 25 May 2016 13:55
Operator : UM/SJ
Sample : H3238-02RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1605174350RE

Quant Time: May 26 05:10:11 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 16:26:52 2016
Response via : Initial Calibration



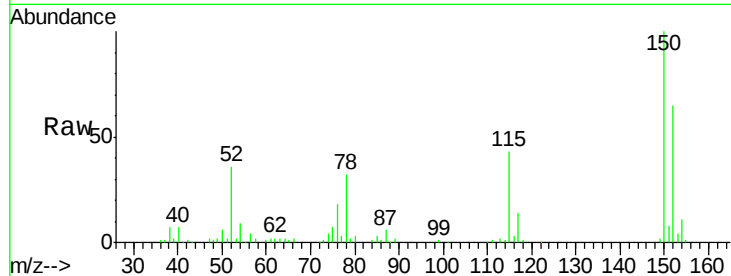


#1

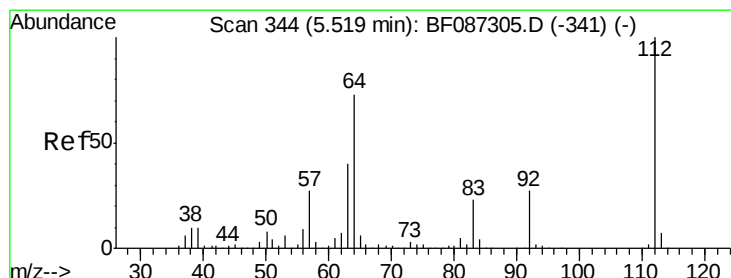
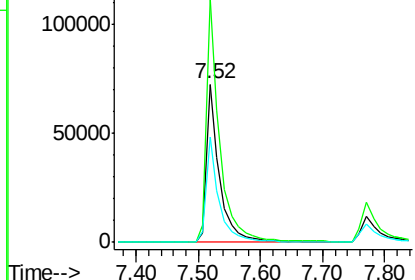
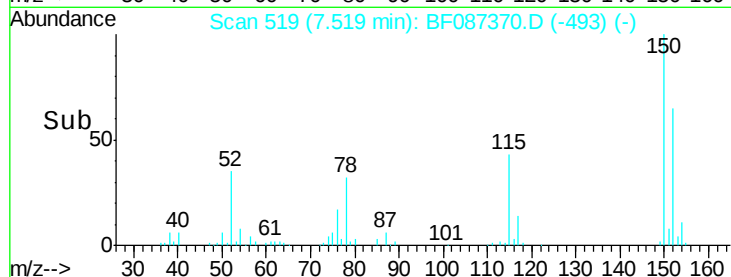
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.52 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF087370.D
Acq: 25 May 2016 13:55

Instrument :
BNA_F
ClientSampleId :
1605174350RE

Tot Ion:152 Resp: 105493
Ion Ratio Lower Upper
152 100
150 154.2 125.8 188.6
115 66.6 51.5 77.3



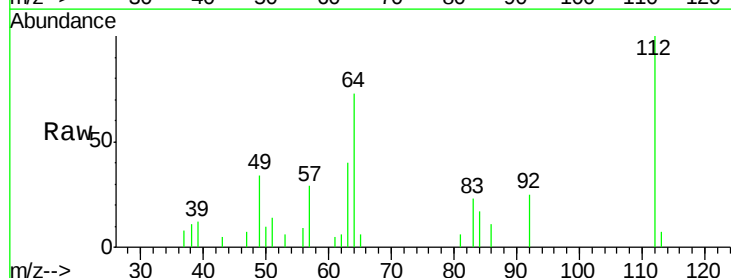
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



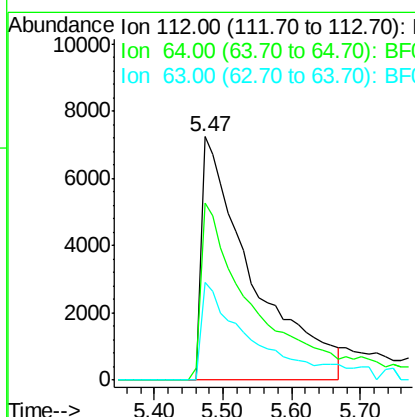
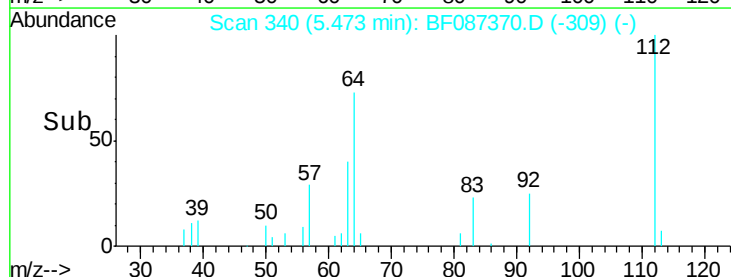
#5

2-Fluorophenol
Concen: 6.16 ng
RT: 5.47 min Scan# 340
Delta R.T. 0.06 min
Lab File: BF087370.D
Acq: 25 May 2016 13:55

Tgt Ion:112 Resp: 36970
Ion Ratio Lower Upper
112 100
64 72.5 52.1 78.1
63 40.2 25.7 38.5#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 8.80 ng

RT: 7.08 min Scan# 481

Delta R.T. 0.01 min

Lab File: BF087370.D

Acq: 25 May 2016 13:55

Instrument :

BNA_F

ClientSampleId :

1605174350RE

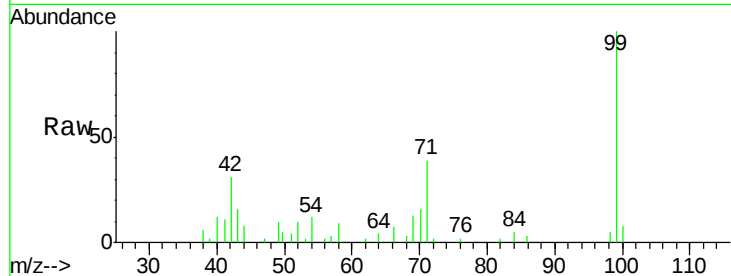
Tot Ion: 99 Resp: 71375

Ion Ratio Lower Upper

99 100

42 31.3 13.6 20.4#

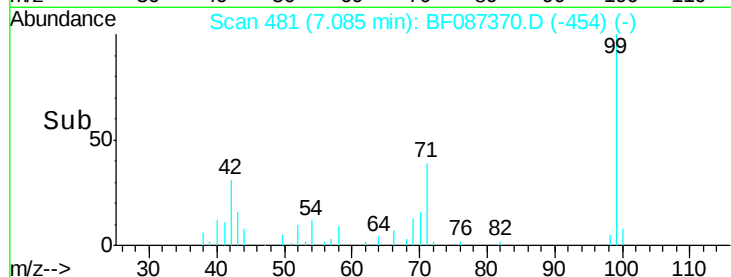
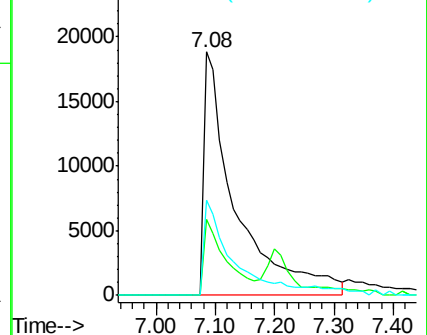
71 39.2 24.6 36.8#



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: 9.55 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF087370.D

Acq: 25 May 2016 13:55

Tgt Ion: 136 Resp: 456183

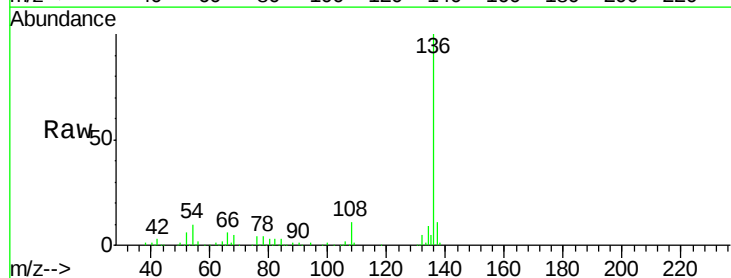
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 9.9 5.0 7.4#

68 4.9 4.4 6.6

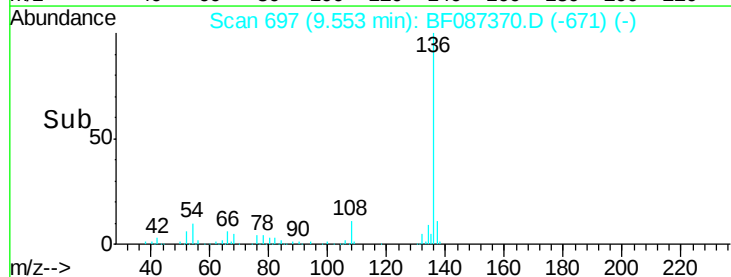
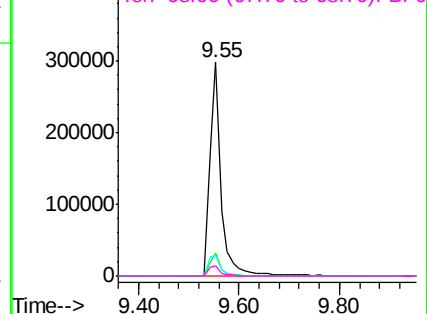


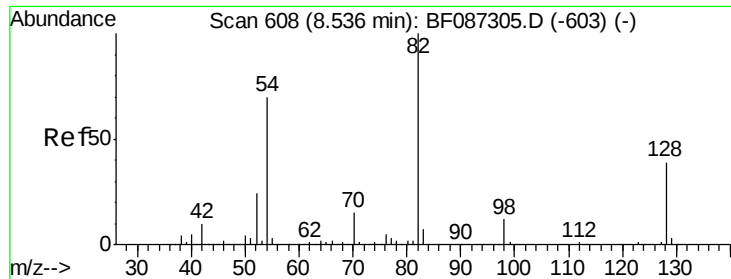
Abundance Ion 136.00 (135.70 to 136.70): E

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

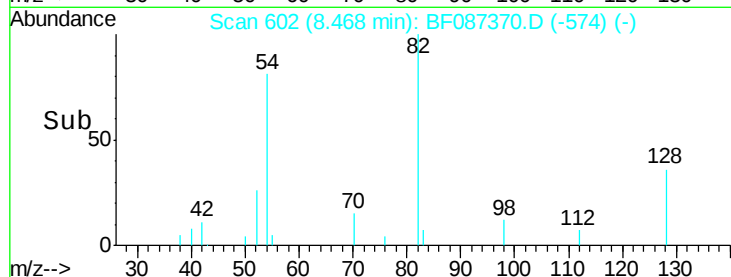
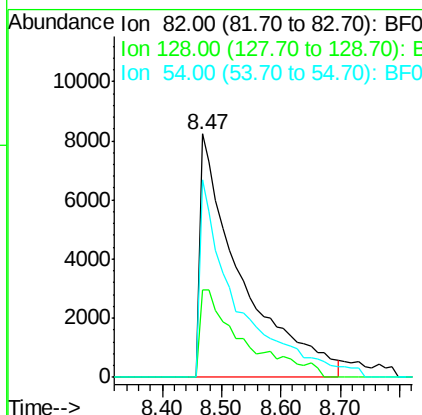
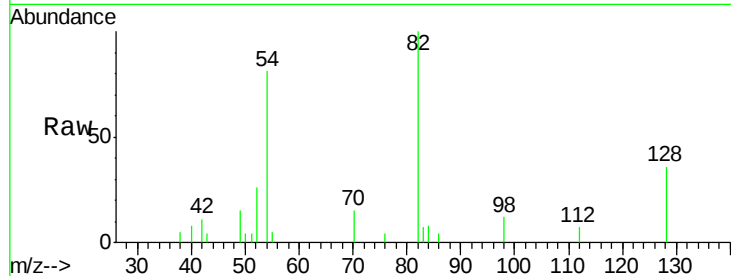




#23
 Nitrobenzene-d5
 Concen: 4.39 ng
 RT: 8.47 min Scan# 602
 Delta R.T. 0.02 min
 Lab File: BF087370.D
 Acq: 25 May 2016 13:55

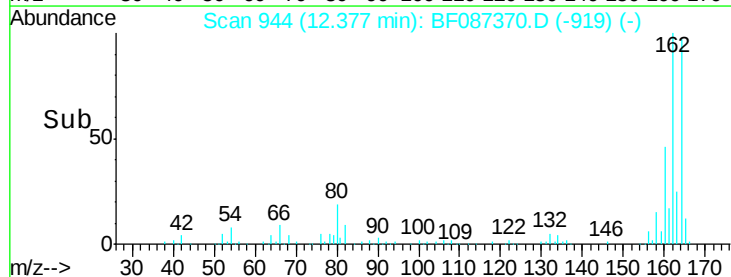
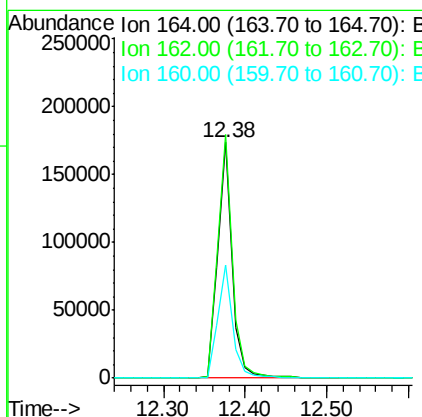
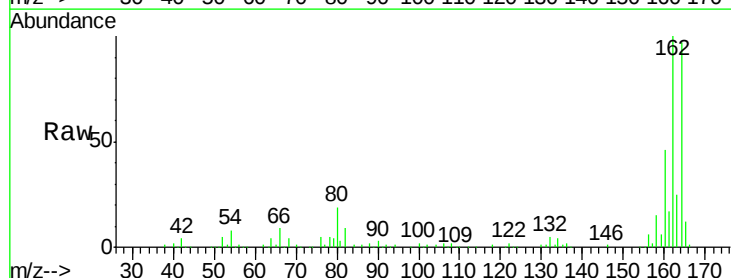
Instrument :
 BNA_F
 ClientSampleId :
 1605174350RE

Tot Ion: 82 Resp: 39696
 Ion Ratio Lower Upper
 82 100
 128 36.0 40.6 61.0#
 54 81.3 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.38 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BF087370.D
 Acq: 25 May 2016 13:55

Tgt Ion:164 Resp: 212900
 Ion Ratio Lower Upper
 164 100
 162 103.4 82.8 124.2
 160 47.8 36.9 55.3

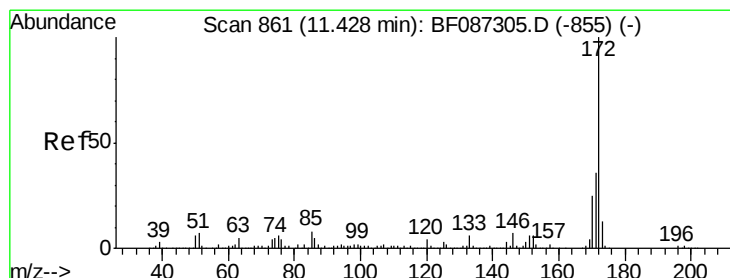
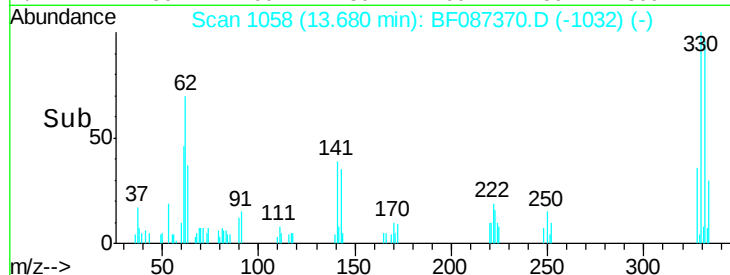
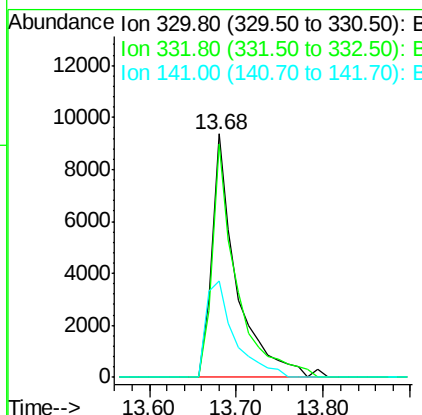
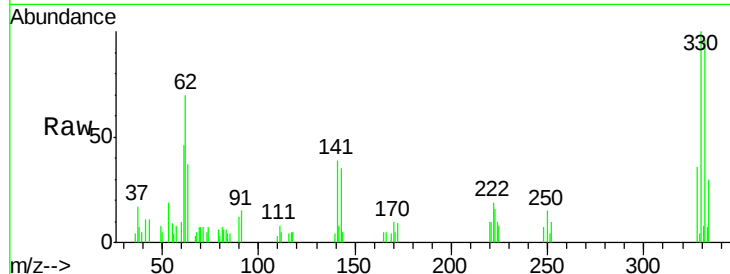




#41
 2,4,6-Tribromophenol
 Concen: 9.12 ng
 RT: 13.68 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: BF087370.D
 Acq: 25 May 2016 13:55

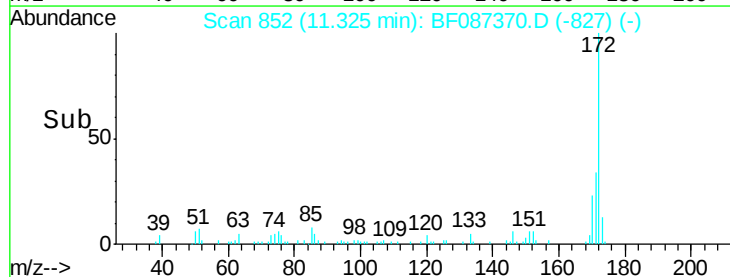
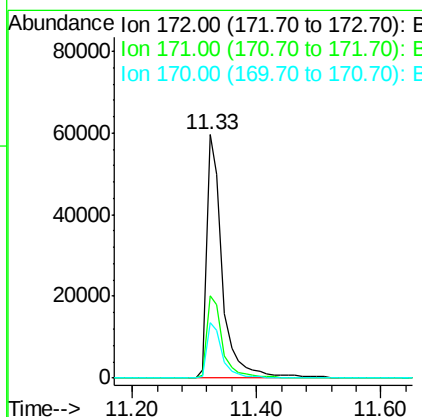
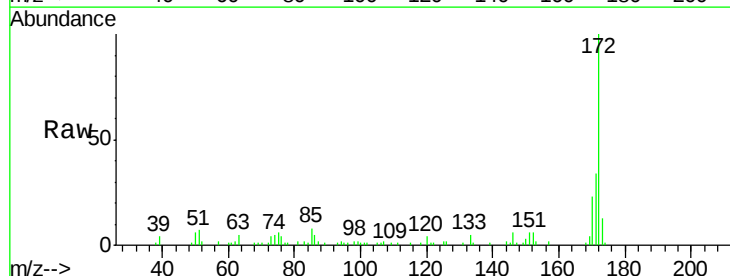
Instrument :
 BNA_F
 ClientSampleId :
 1605174350RE

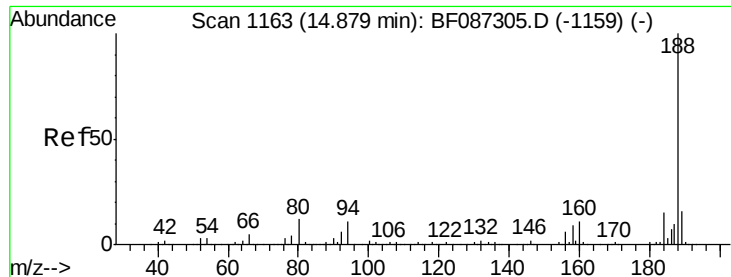
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	79.0	118.4
141	45.1	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 6.82 ng
 RT: 11.33 min Scan# 852
 Delta R.T. -0.01 min
 Lab File: BF087370.D
 Acq: 25 May 2016 13:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.6	29.0	43.6
170	22.6	19.8	29.8

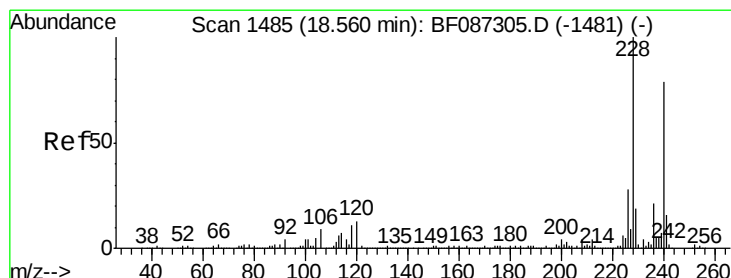
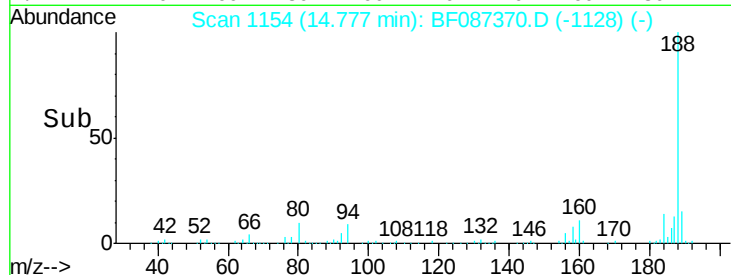
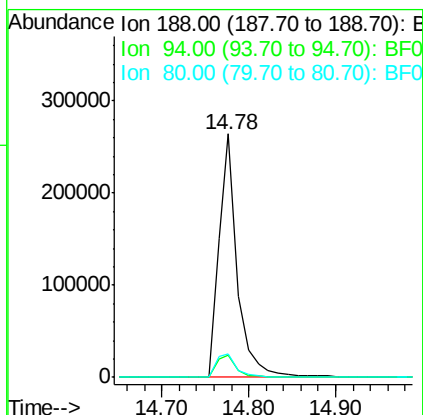
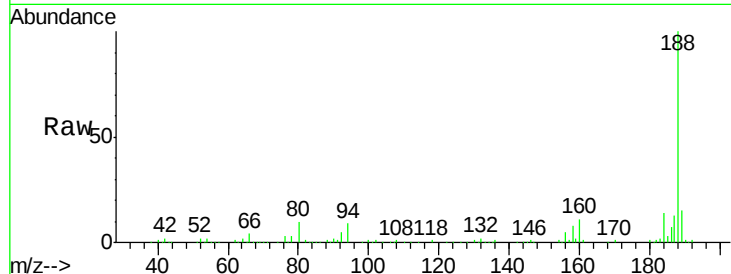




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.78 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF087370.D
Acq: 25 May 2016 13:55

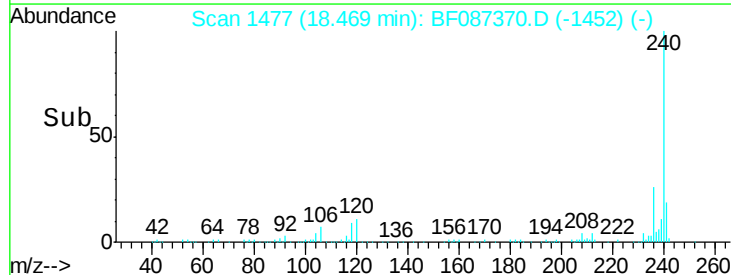
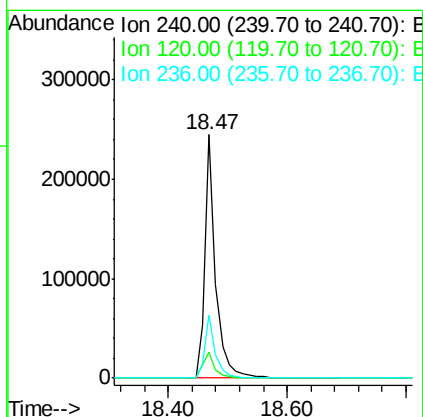
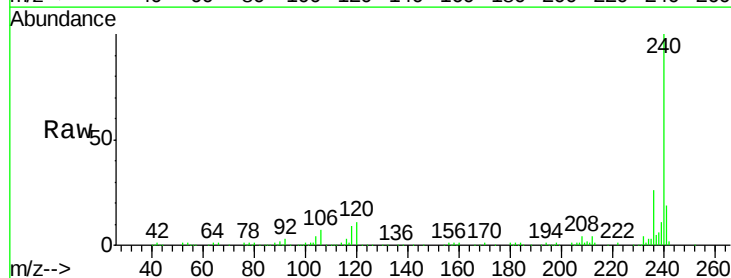
Instrument :
BNA_F
ClientSampleId :
1605174350RE

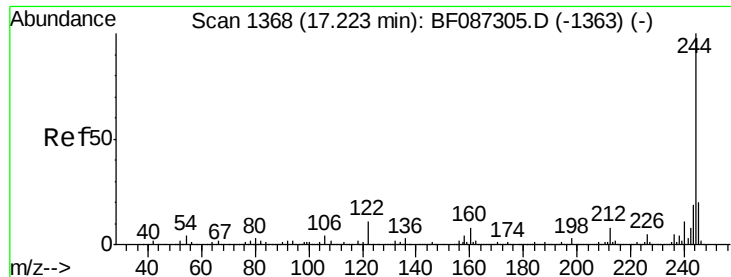
Tot Ion:188 Resp: 391519
Ion Ratio Lower Upper
188 100
94 8.9 6.8 10.2
80 9.8 7.1 10.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.47 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF087370.D
Acq: 25 May 2016 13:55

Tgt Ion:240 Resp: 315000
Ion Ratio Lower Upper
240 100
120 10.5 11.2 16.8#
236 26.0 21.2 31.8





#78

Terphenyl-d14

Concen: 6.83 ng

RT: 17.12 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF087370.D

Acq: 25 May 2016 13:55

Instrument :

BNA_F

ClientSampleId :

1605174350RE

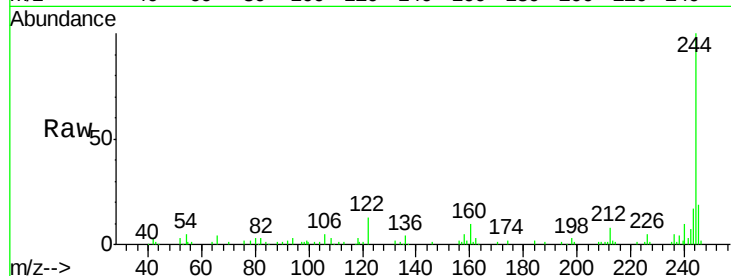
Tot Ion:244 Resp: 101193

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

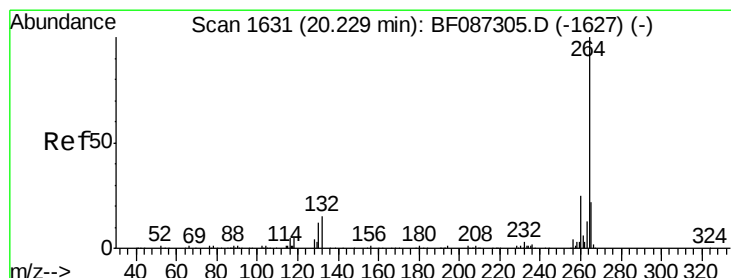
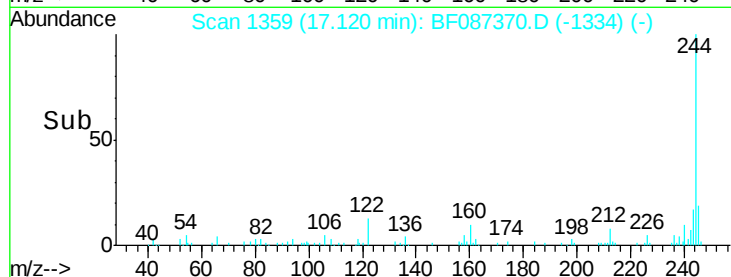
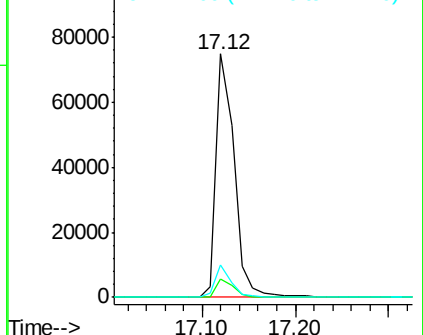
122 13.3 12.0 18.0



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: 20.14 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BF087370.D

Acq: 25 May 2016 13:55

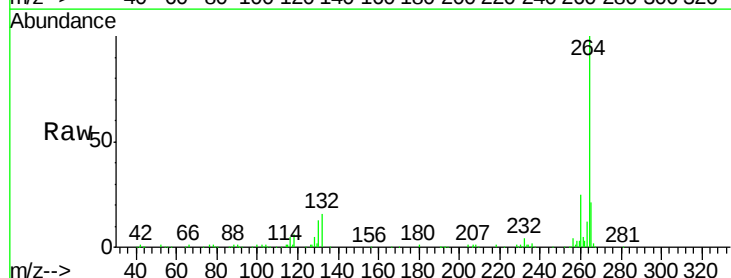
Tgt Ion:264 Resp: 231668

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

265 21.2 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

