

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 25 22:27:14 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

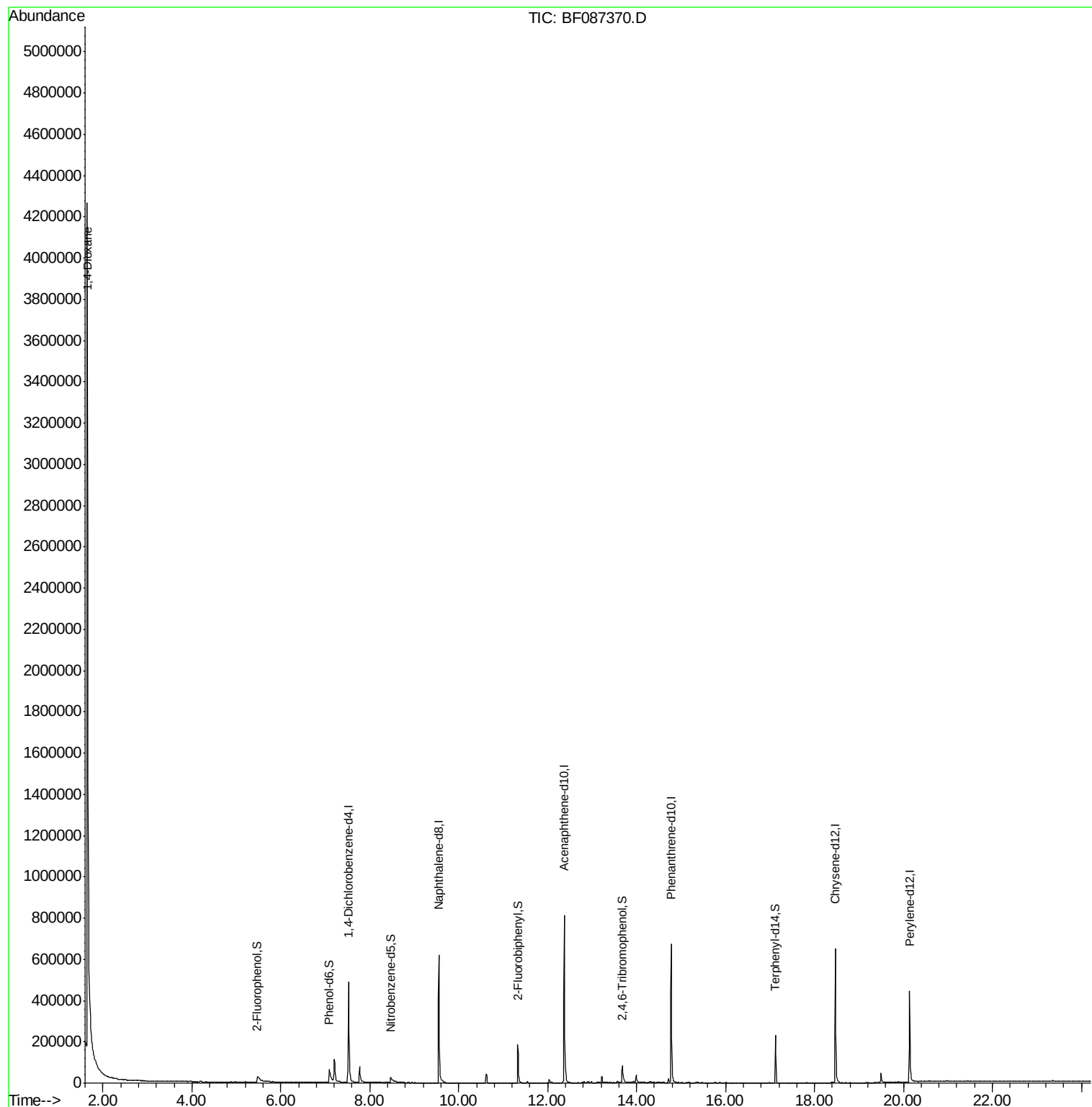
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	105493	20.00	ng	0.00
21) Naphthalene-d8	9.55	136	456183	20.00	ng	0.00
38) Acenaphthene-d10	12.38	164	212900	20.00	ng	-0.01
63) Phenanthrene-d10	14.78	188	391519	20.00	ng	0.00
75) Chrysene-d12	18.47	240	315000	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						
2) 1,4-Dioxane	1.64	88	164542	51.94	ng	Qvalue # 24

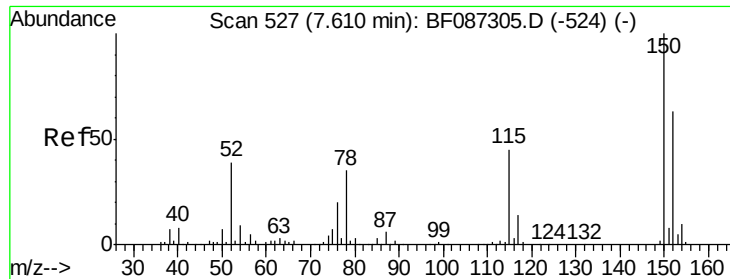
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

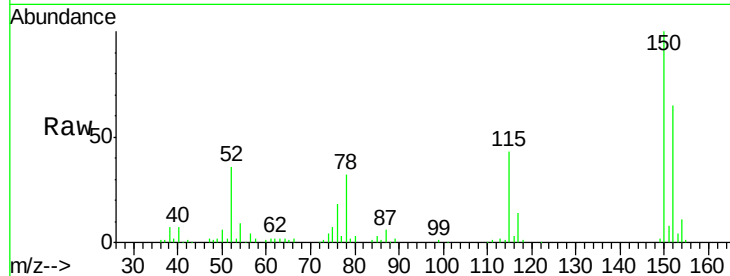
Tgt Ion:152 Resp: 105493

Ion Ratio Lower Upper

152 100

150 154.2 125.8 188.6

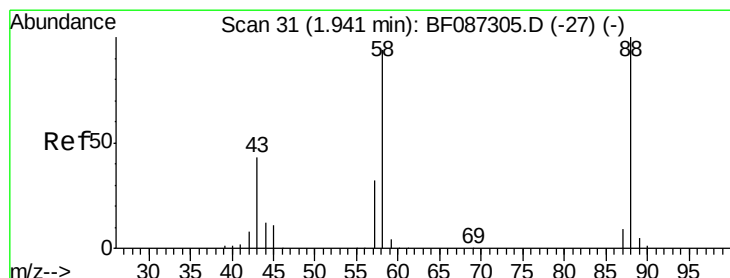
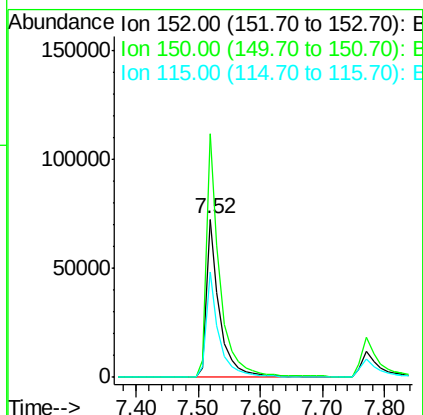
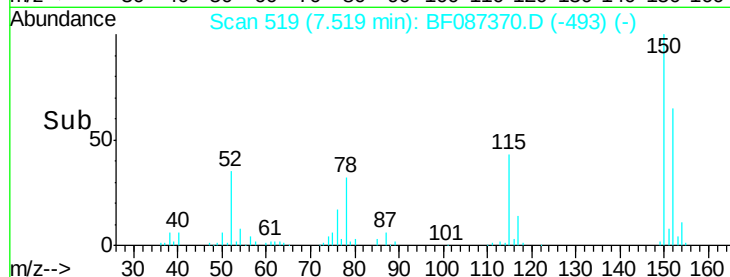
115 66.6 51.5 77.3



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



#2

1,4-Dioxane

Concen: 51.94 ng

RT: 1.64 min Scan# 5

Delta R.T. -0.17 min

Lab File: BF087370.D

Acq: 25 May 2016 13:55

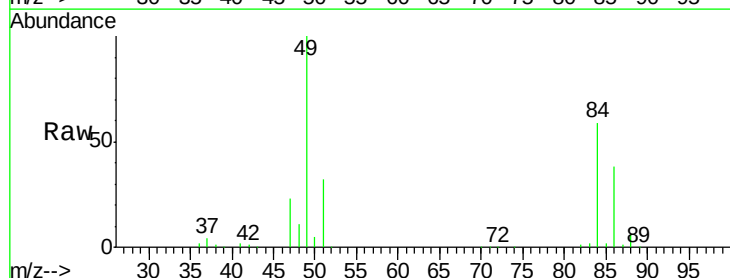
Tgt Ion: 88 Resp: 164542

Ion Ratio Lower Upper

88 100

58 0.0 59.6 89.4#

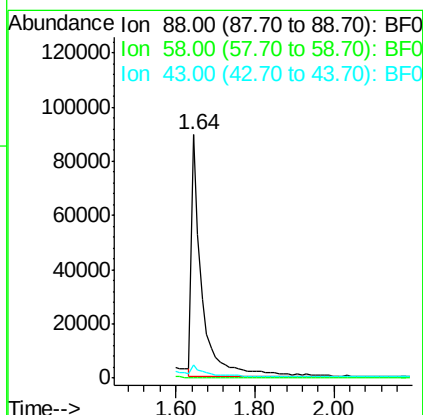
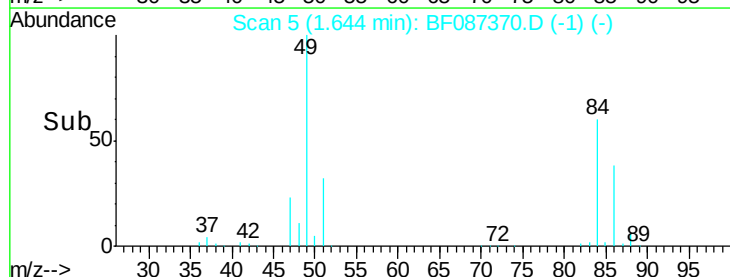
43 5.1 21.8 32.6#

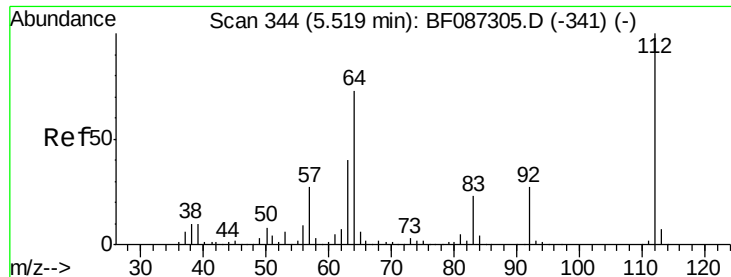


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#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

Instrument :

BNA_F

ClientSampleId :

1605174350RE

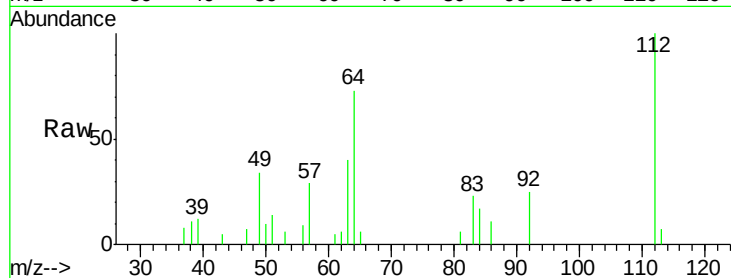
Tgt Ion: 112 Resp: 36970

Ion Ratio Lower Upper

112 100

64 72.5 52.1 78.1

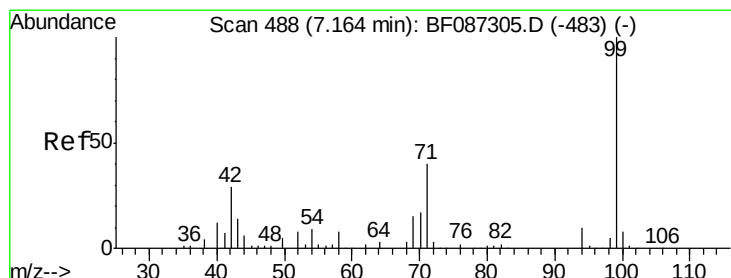
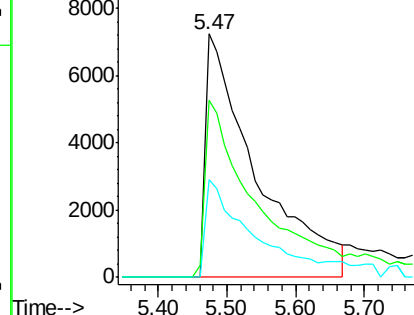
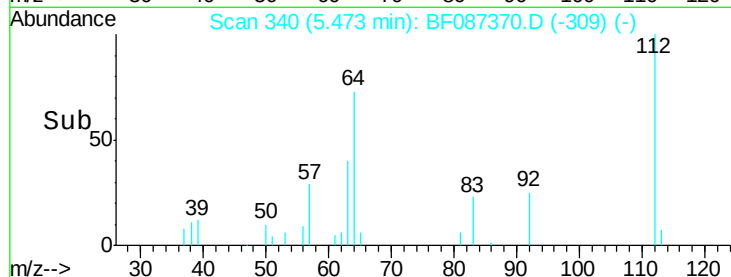
63 40.2 25.7 38.5#



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

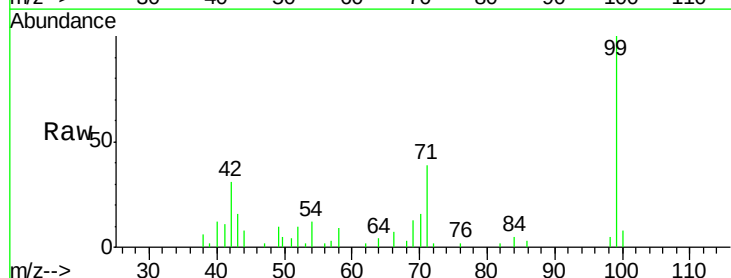
Tgt Ion: 99 Resp: 71375

Ion Ratio Lower Upper

99 100

42 31.3 13.6 20.4#

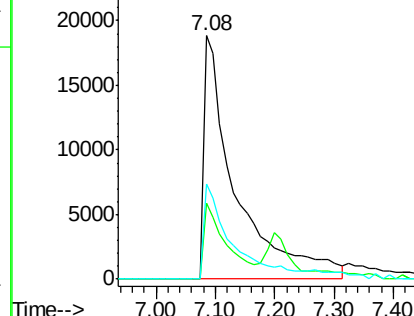
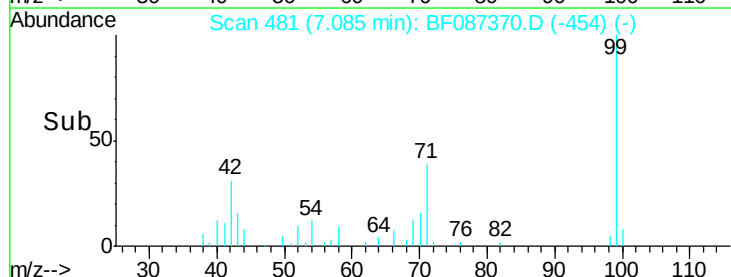
71 39.2 24.6 36.8#

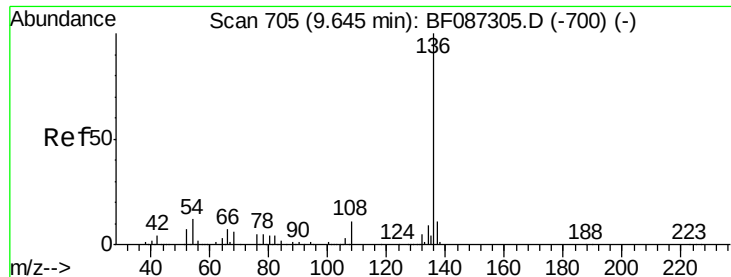


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

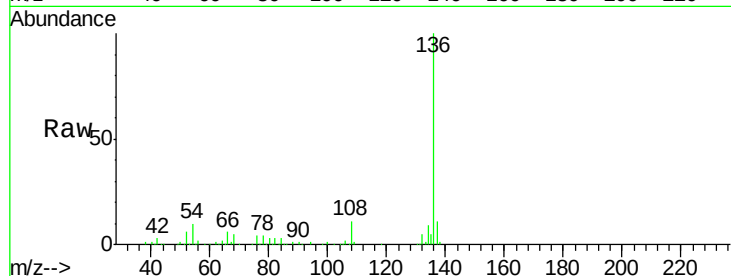




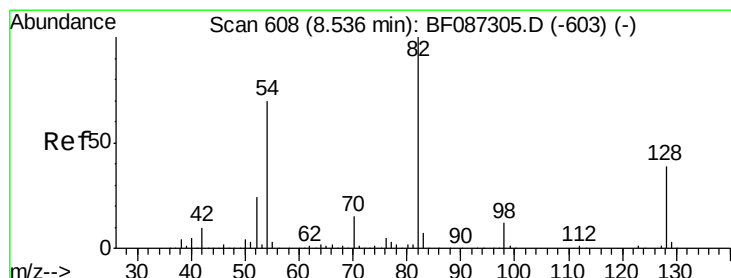
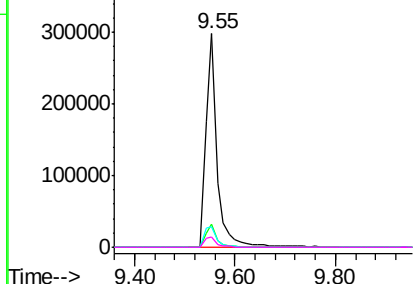
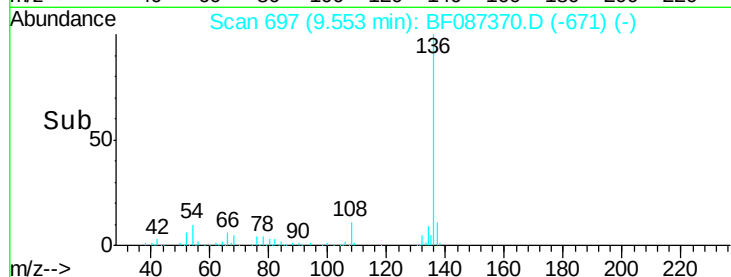
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.55 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF087370.D
Acq: 25 May 2016 13:55

Instrument :
BNA_F
ClientSampleId :
1605174350RE

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

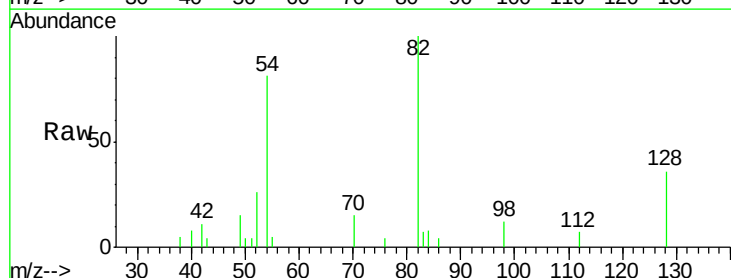


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

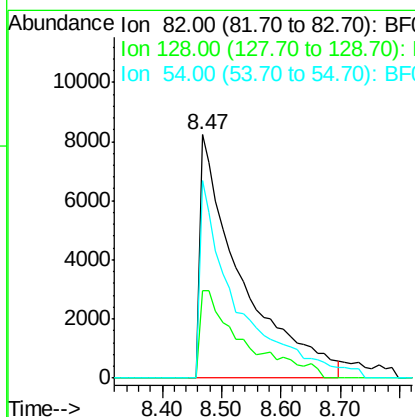
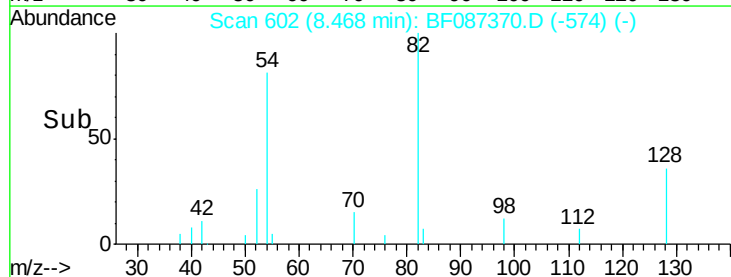


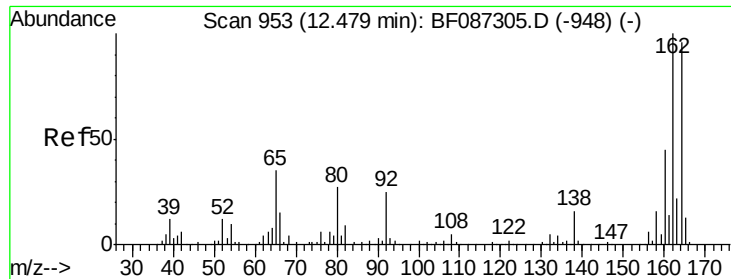
#23
Nitrobenzene-d5
Concen: 4.39 ng
RT: 8.47 min Scan# 602
Delta R.T. 0.02 min
Lab File: BF087370.D
Acq: 25 May 2016 13:55

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

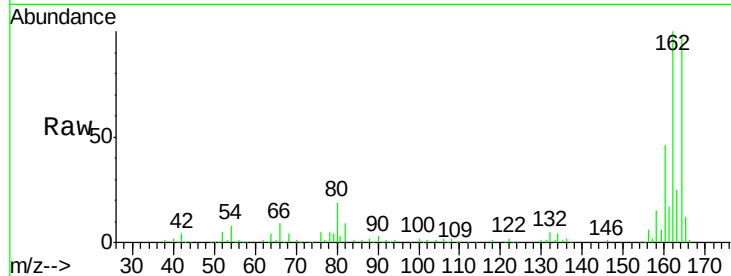




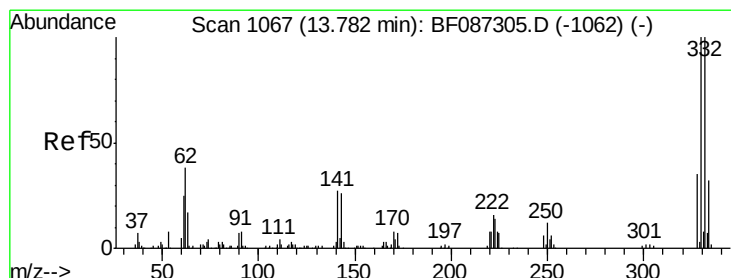
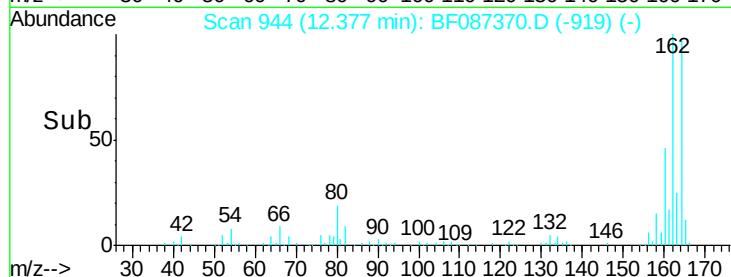
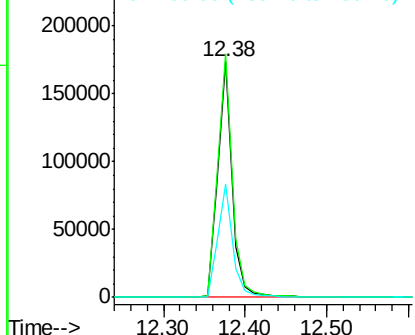
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.38 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BF087370.D
 Acq: 25 May 2016 13:55

Instrument :
 BNA_F
 ClientSampleId :
 1605174350RE

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

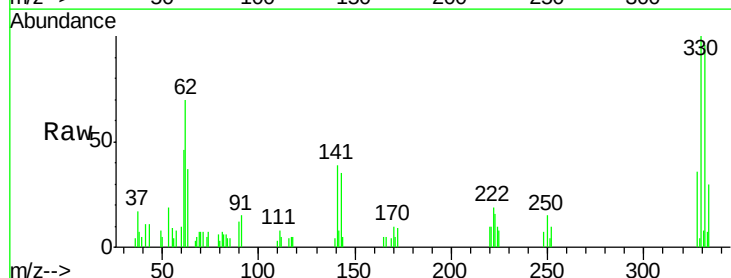


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

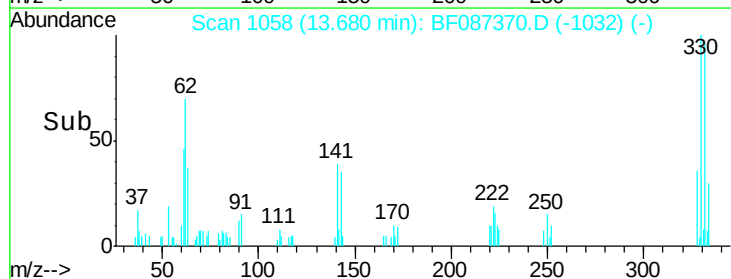
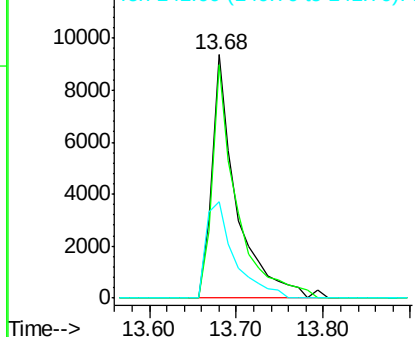


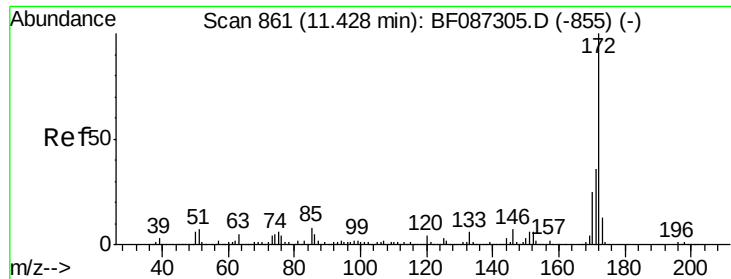
#41
 2,4,6-Tribromophenol
 Concen: 9.12 ng
 RT: 13.68 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: BF087370.D
 Acq: 25 May 2016 13:55

Tgt Ion:330 Resp: 18657
 Ion Ratio Lower Upper
 330 100
 332 94.6 79.0 118.4
 141 45.1 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: 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

Instrument :

BNA_F

ClientSampleId :

1605174350RE

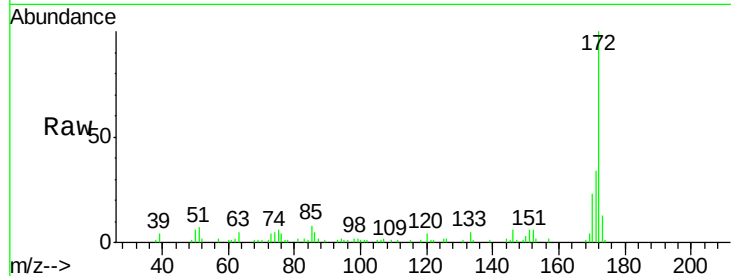
Tgt Ion:172 Resp: 103052

Ion Ratio Lower Upper

172 100

171 33.6 29.0 43.6

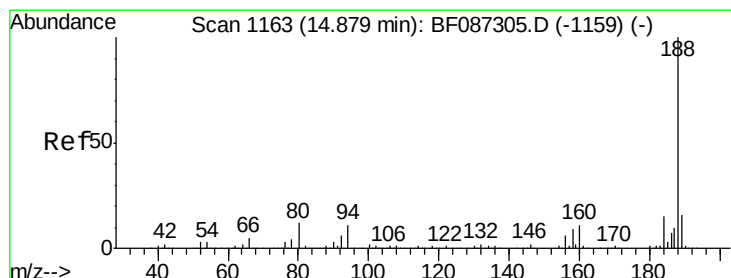
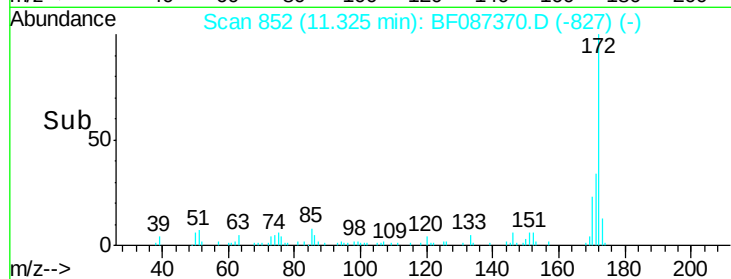
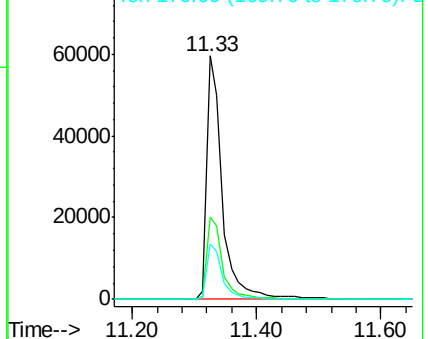
170 22.6 19.8 29.8



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: 14.78 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF087370.D

Acq: 25 May 2016 13:55

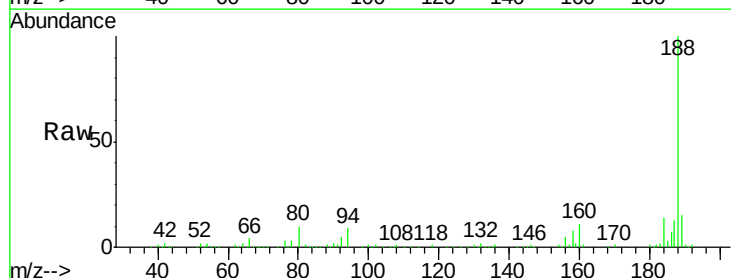
Tgt Ion:188 Resp: 391519

Ion Ratio Lower Upper

188 100

94 8.9 6.8 10.2

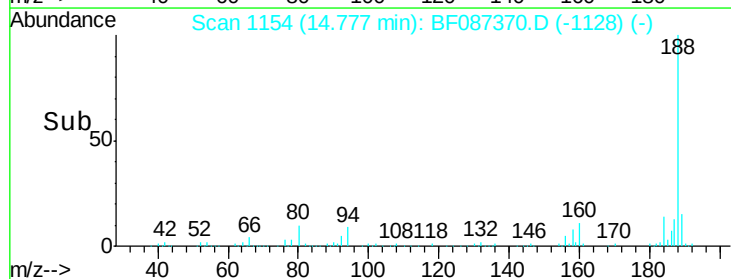
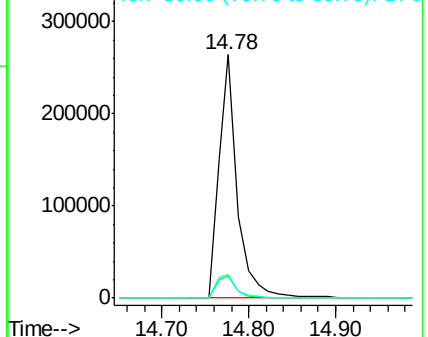
80 9.8 7.1 10.7

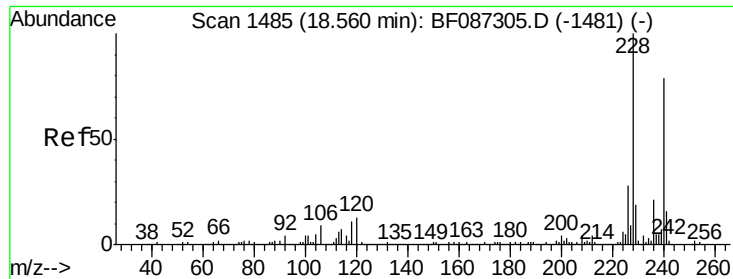


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.47 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BF087370.D

Acq: 25 May 2016 13:55

Instrument :

BNA_F

ClientSampleId :

1605174350RE

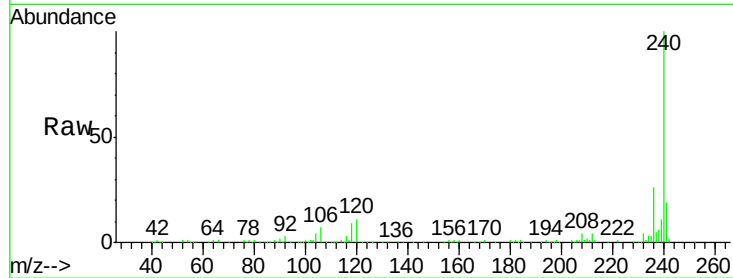
Tgt Ion:240 Resp: 315000

Ion Ratio Lower Upper

240 100

120 10.5 11.2 16.8#

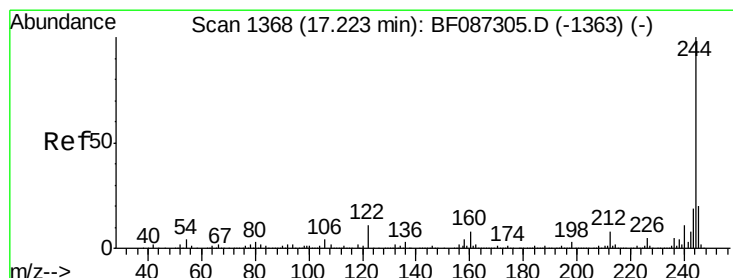
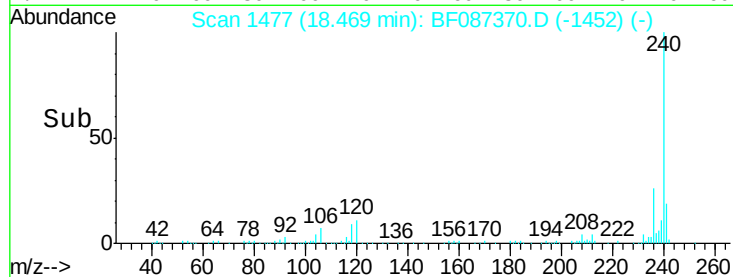
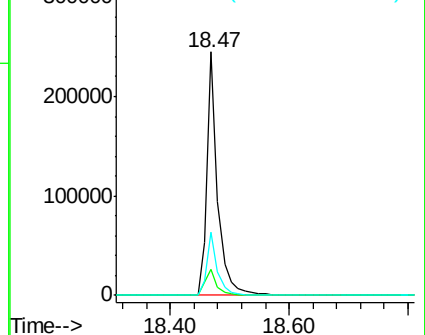
236 26.0 21.2 31.8



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: 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

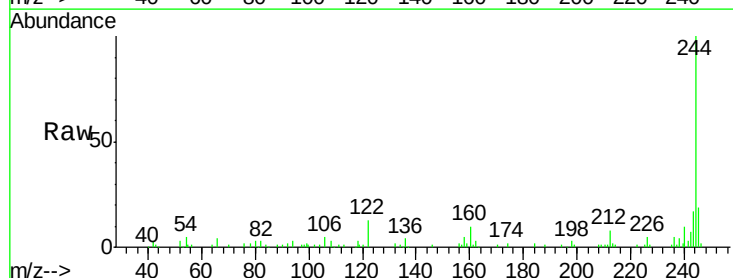
Tgt Ion:244 Resp: 101193

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

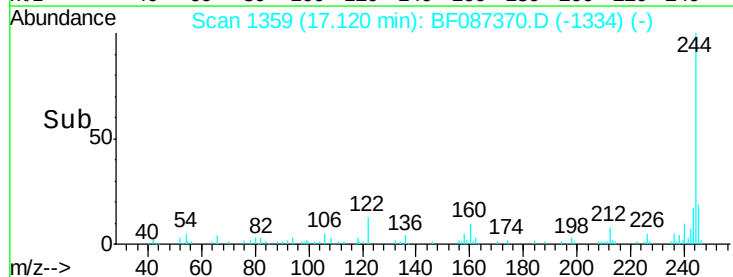
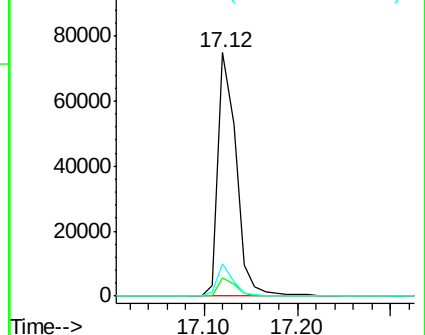
122 13.3 12.0 18.0

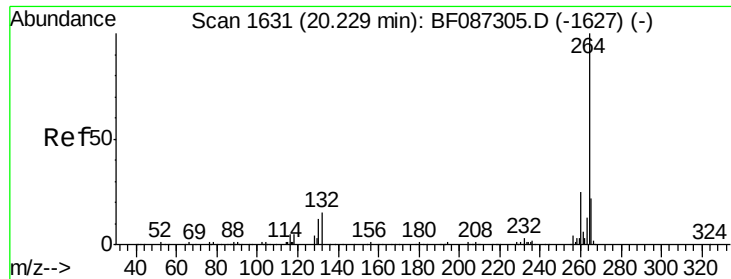


Abundance Ion 244.00 (243.70 to 244.70): E

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

Instrument :
BNA_F
ClientSampleId :
1605174350RE

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.2	17.3	25.9

