

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031616\
 Data File : BF085470.D
 Acq On : 16 Mar 2016 19:09
 Operator : UM/SJ
 Sample : PB88325BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88925BL

Quant Time: Mar 17 00:50:24 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 18:57:05 2016
 Response via : Initial Calibration

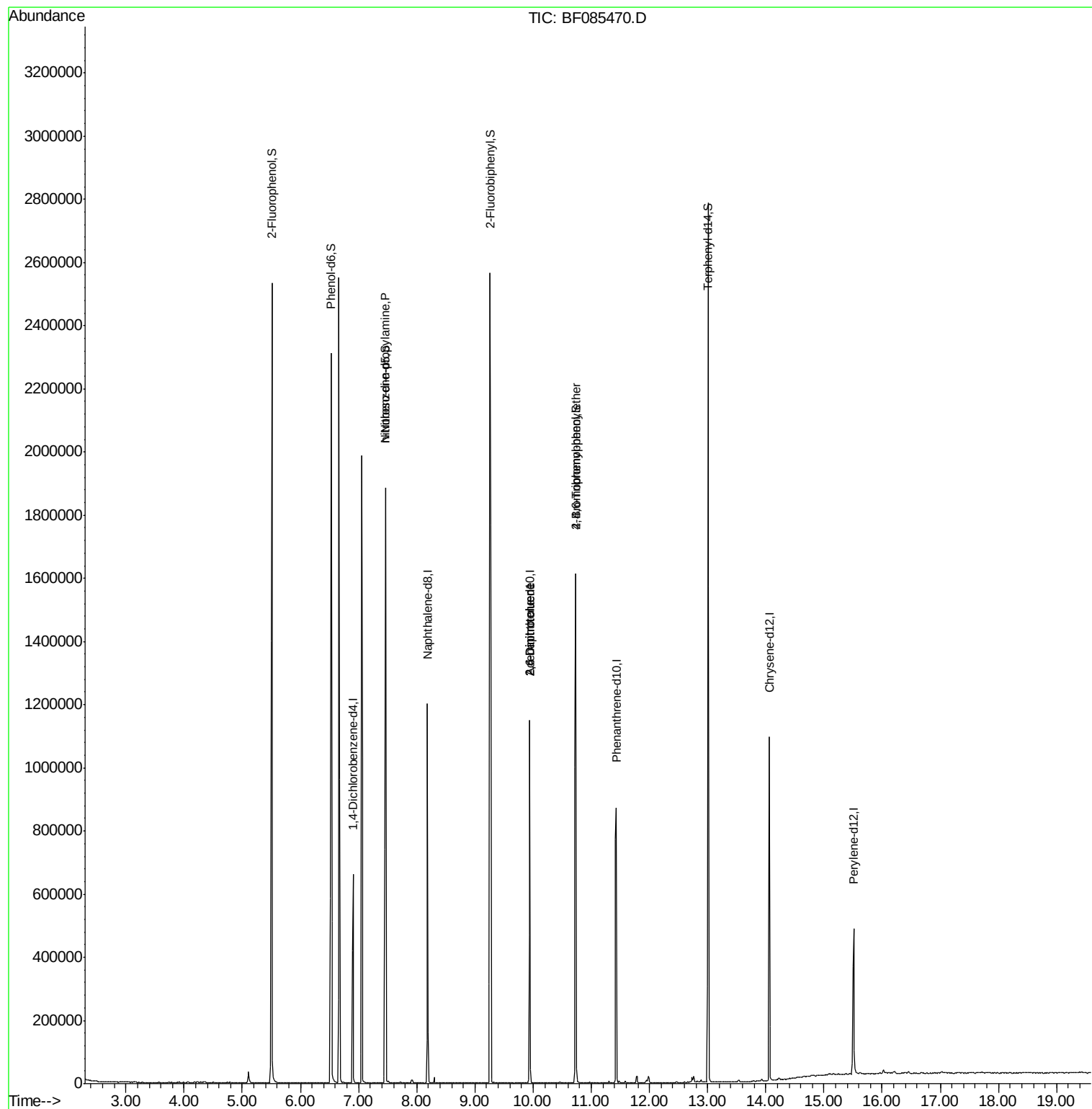
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	128298	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	519766	20.00	ng	-0.02
38) Acenaphthene-d10	9.94	164	248583	20.00	ng	-0.01
63) Phenanthrene-d10	11.43	188	458305	20.00	ng	-0.01
75) Chrysene-d12	14.06	240	338274	20.00	ng	-0.02
86) Perylene-d12	15.51	264	231737	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	863412	115.68	ng	0.00
7) Phenol-d6	6.53	99	923426	95.38	ng	-0.02
23) Nitrobenzene-d5	7.46	82	669001	76.10	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	241342	105.41	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	1114156	77.76	ng	-0.02
78) Terphenyl-d14	13.01	244	1070019	71.56	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.46	70	87607	15.11	ng	# 76
50) 2,6-Dinitrotoluene	9.94	165	31975	7.98	ng	# 26
56) 2,4-Dinitrotoluene	9.94	165	31975	6.36	ng	# 22
66) 4-Bromophenyl-phenylether	10.73	248	16415	3.54	ng	# 1

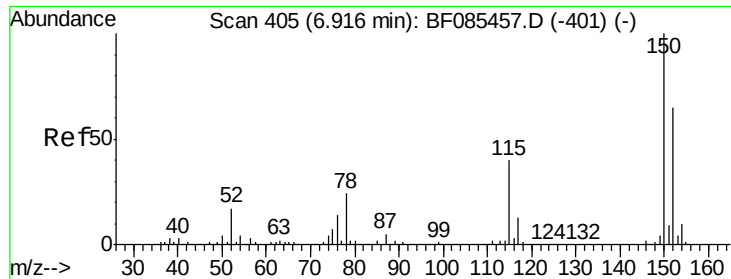
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031616\
Data File : BF085470.D
Acq On : 16 Mar 2016 19:09
Operator : UM/SJ
Sample : PB88325BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB88925BL

Quant Time: Mar 17 00:50:24 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 15 18:57:05 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 404

Delta R.T. -0.01 min

Lab File: BF085470.D

Acq: 16 Mar 2016 19:09

Instrument :

BNA_F

ClientSampleId :

PB88925BL

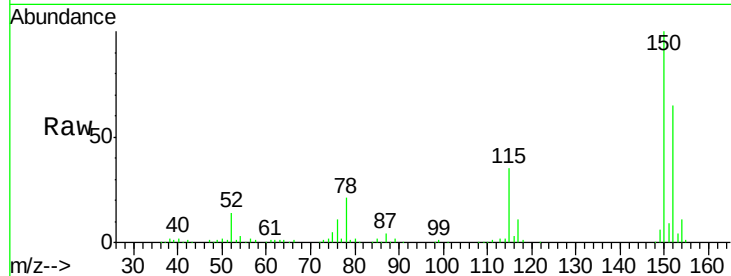
Tgt Ion:152 Resp: 128298

Ion Ratio Lower Upper

152 100

150 154.5 124.6 186.8

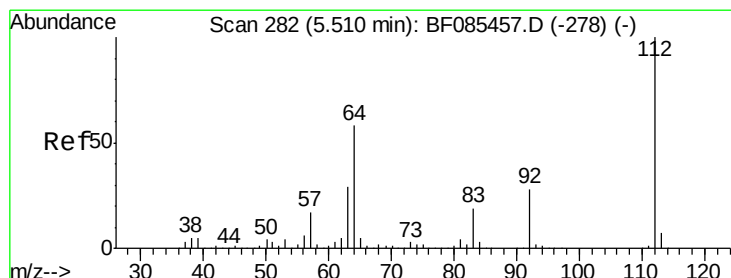
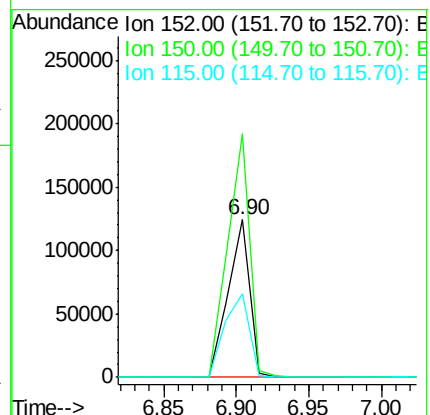
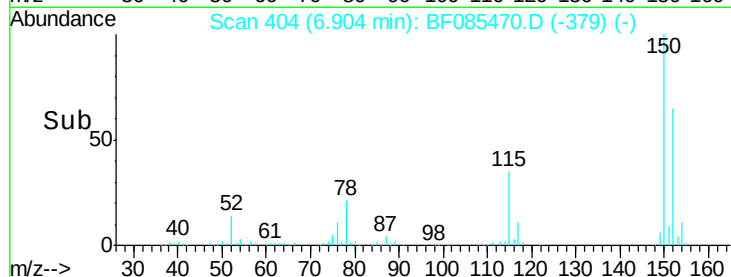
115 53.4 46.6 70.0



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: 115.68 ng

RT: 5.51 min Scan# 282

Delta R.T. -0.00 min

Lab File: BF085470.D

Acq: 16 Mar 2016 19:09

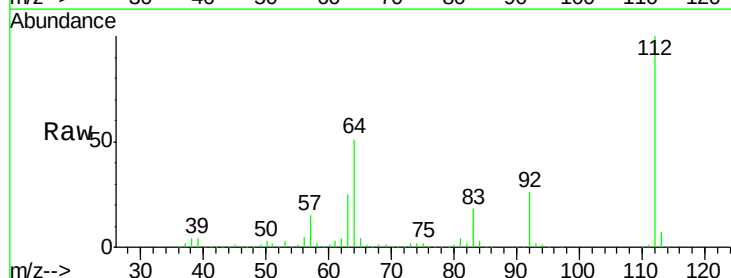
Tgt Ion:112 Resp: 863412

Ion Ratio Lower Upper

112 100

64 50.7 49.0 73.4

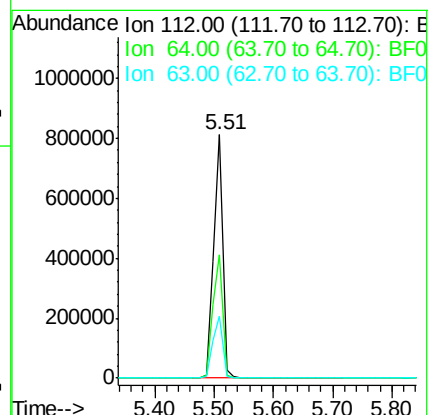
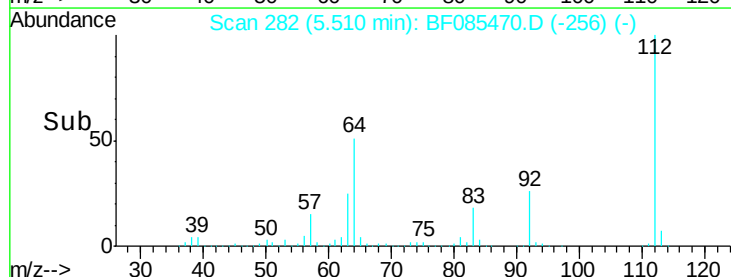
63 25.3 24.8 37.2

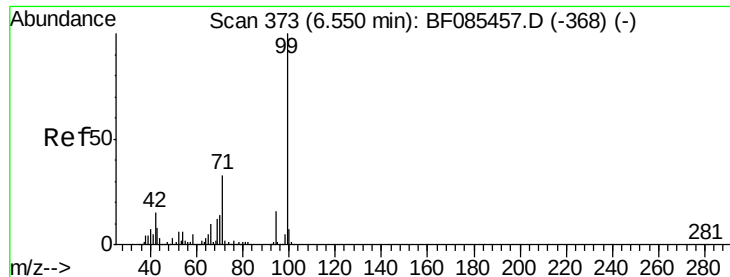


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 95.38 ng

RT: 6.53 min Scan# 371

Delta R.T. -0.02 min

Lab File: BF085470.D

Acq: 16 Mar 2016 19:09

Instrument :

BNA_F

ClientSampleId :

PB88925BL

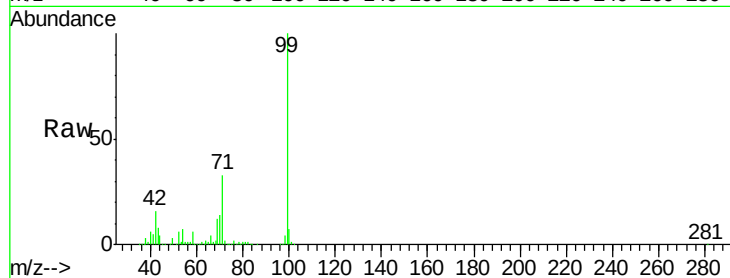
Tgt Ion: 99 Resp: 923426

Ion Ratio Lower Upper

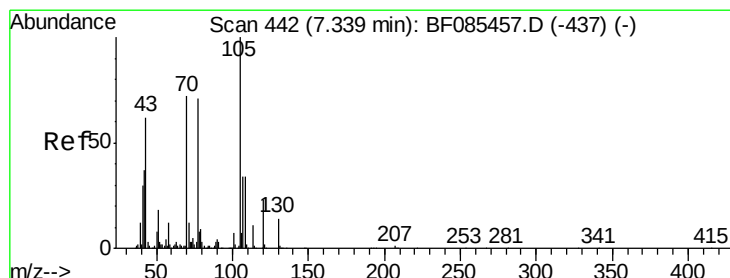
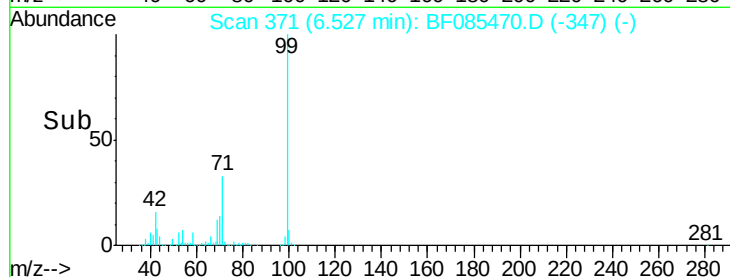
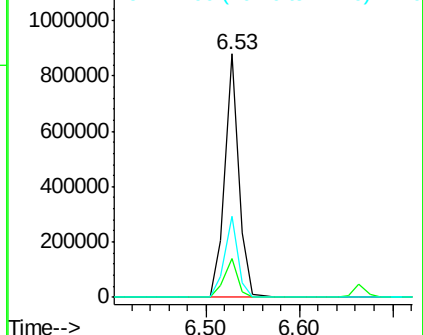
99 100

42 16.0 13.6 20.4

71 33.4 26.7 40.1



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.11 ng

RT: 7.46 min Scan# 453

Delta R.T. 0.13 min

Lab File: BF085470.D

Acq: 16 Mar 2016 19:09

Tgt Ion: 70 Resp: 87607

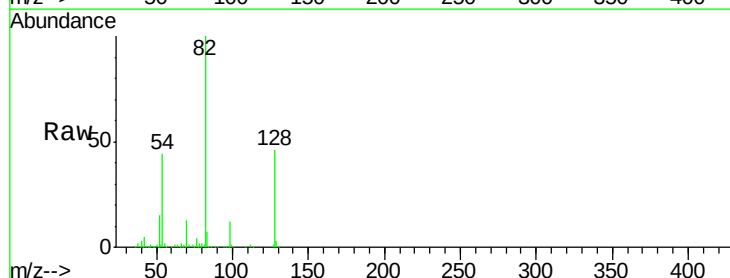
Ion Ratio Lower Upper

70 100

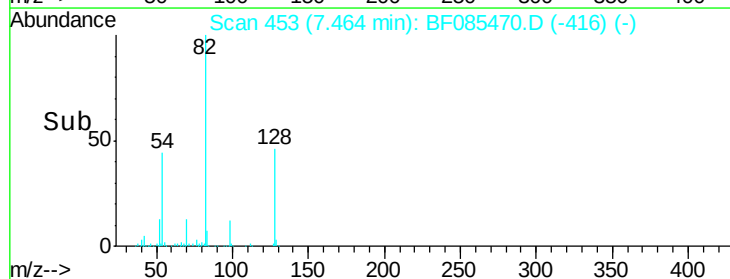
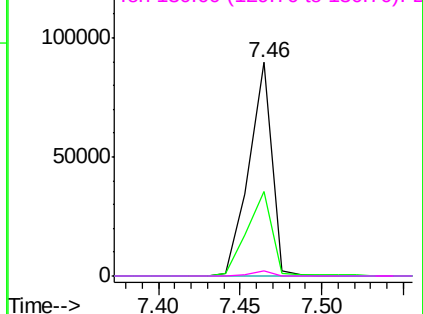
42 39.7 37.7 56.5

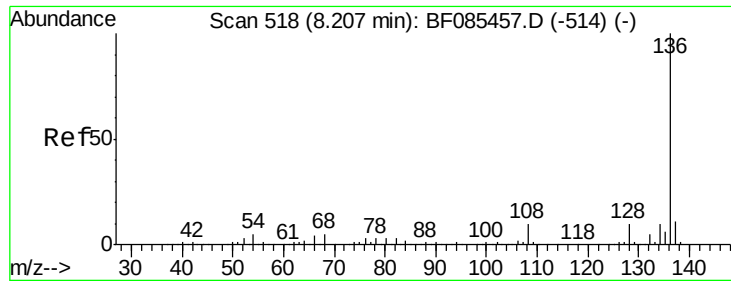
101 0.0 8.2 12.4#

130 2.3 20.5 30.7#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): BF0
Ion 130.00 (129.70 to 130.70): BF0

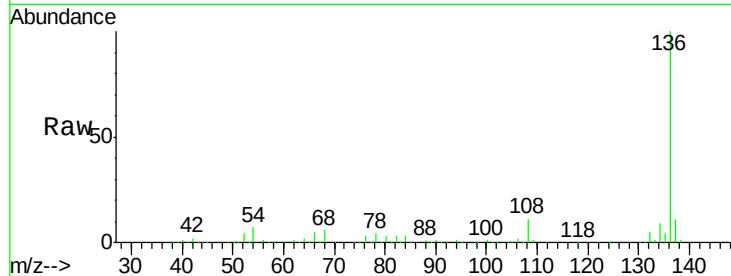




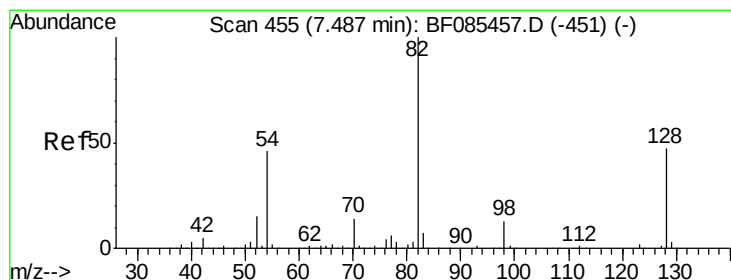
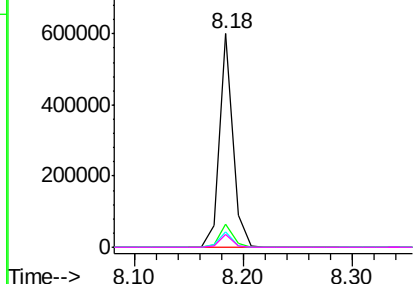
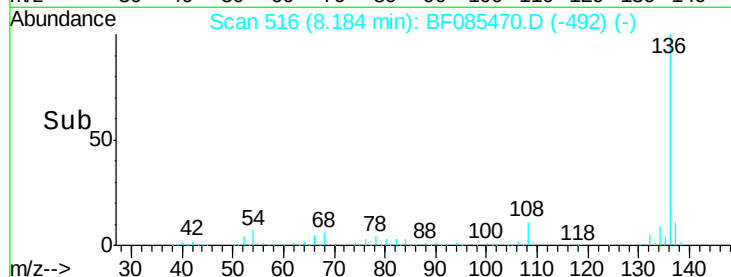
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 516
Delta R.T. -0.02 min
Lab File: BF085470.D
Acq: 16 Mar 2016 19:09

Instrument :
BNA_F
ClientSampleId :
PB88925BL

Tgt Ion:	136	Resp:	519766
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.3	13.9
54	7.3	7.4	11.2#
68	6.2	6.0	9.0

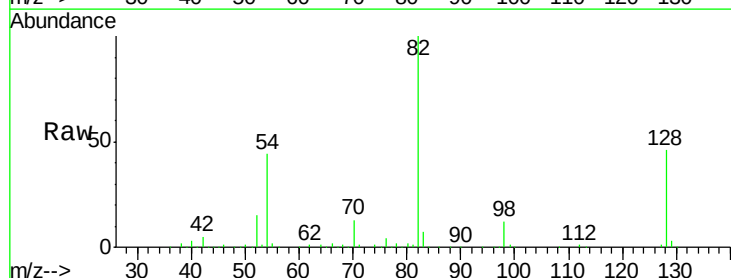


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

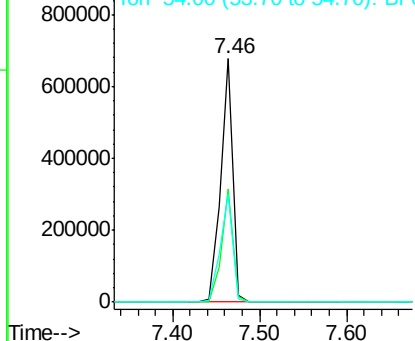
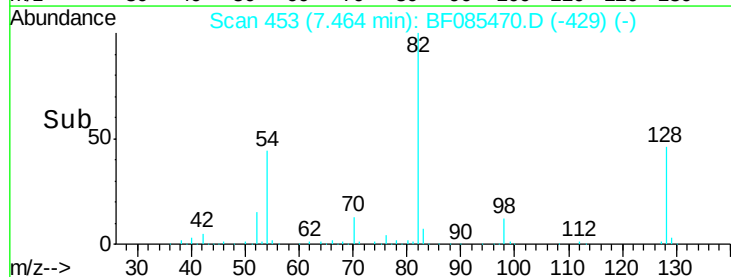


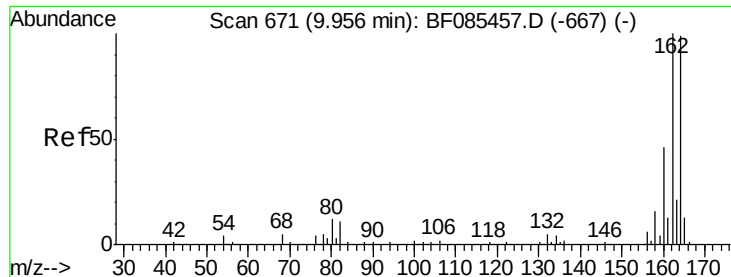
#23
Nitrobenzene-d5
Concen: 76.10 ng
RT: 7.46 min Scan# 453
Delta R.T. -0.02 min
Lab File: BF085470.D
Acq: 16 Mar 2016 19:09

Tgt Ion:	82	Resp:	669001
Ion	Ratio	Lower	Upper
82	100		
128	46.3	34.5	51.7
54	44.2	39.3	58.9



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.94 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF085470.D

Acq: 16 Mar 2016 19:09

Instrument :

BNA_F

ClientSampleId :

PB88925BL

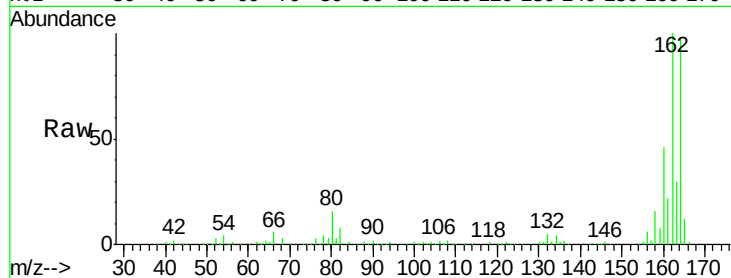
Tgt Ion:164 Resp: 248583

Ion Ratio Lower Upper

164 100

162 102.0 83.3 124.9

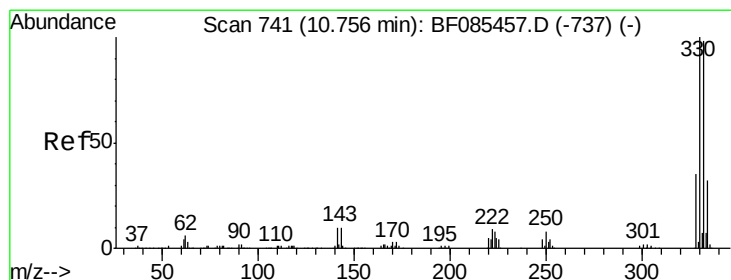
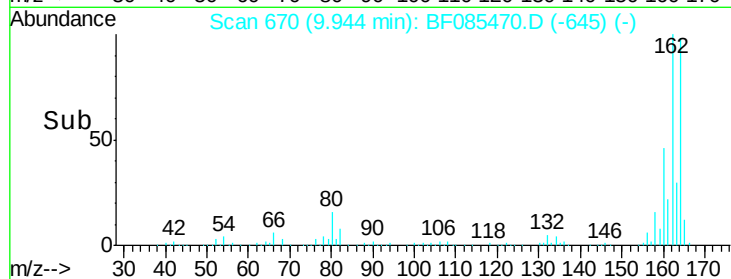
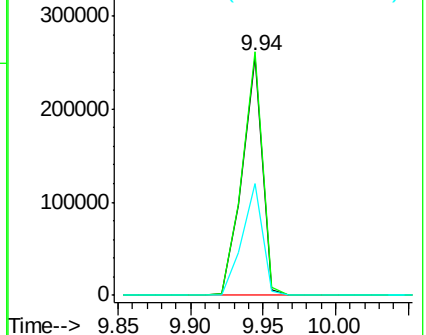
160 46.6 37.9 56.9



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: 105.41 ng

RT: 10.73 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF085470.D

Acq: 16 Mar 2016 19:09

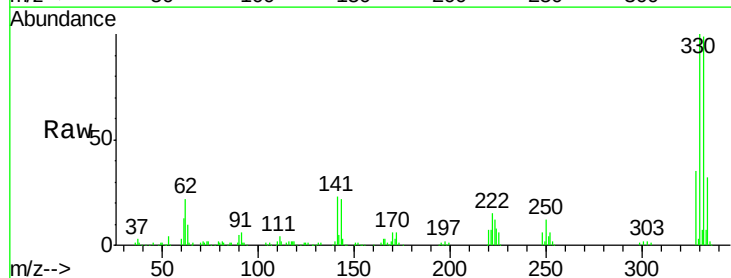
Tgt Ion:330 Resp: 241342

Ion Ratio Lower Upper

330 100

332 98.2 77.1 115.7

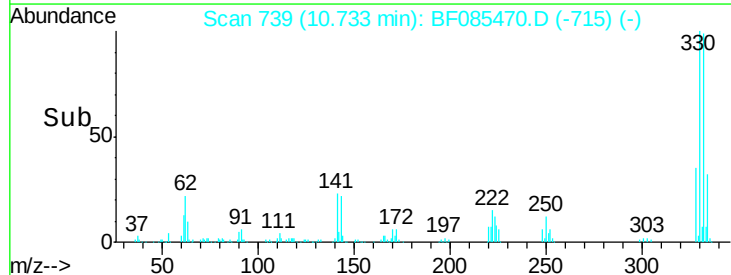
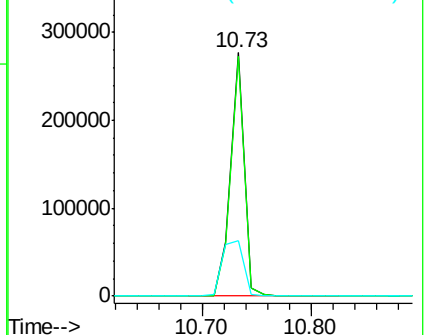
141 36.0 35.0 52.6

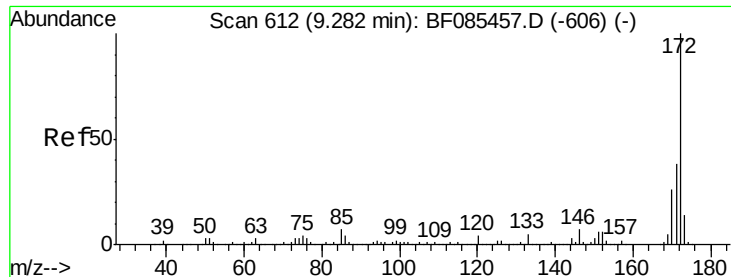


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

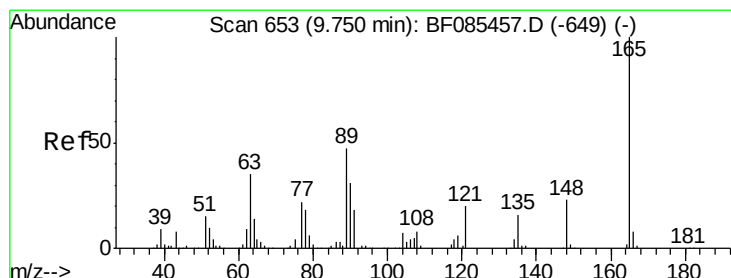
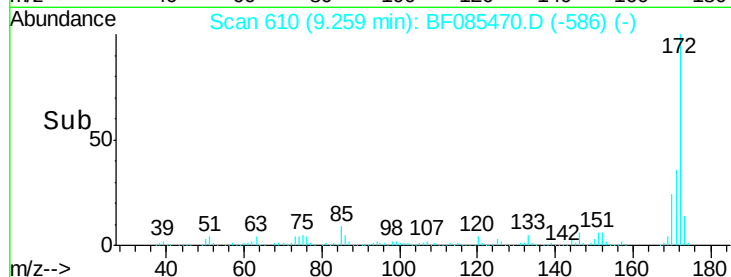
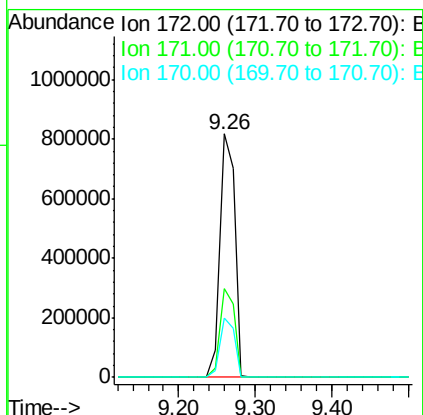
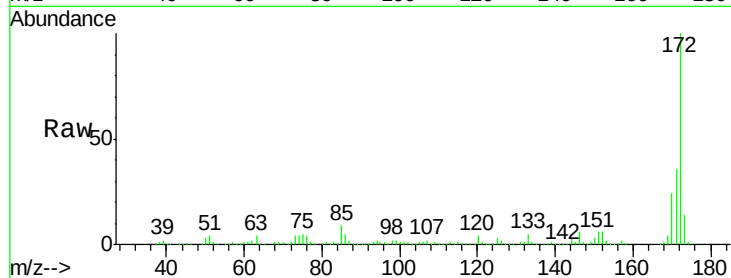




#44
 2-Fluorobiphenyl
 Concen: 77.76 ng
 RT: 9.26 min Scan# 610
 Delta R.T. -0.02 min
 Lab File: BF085470.D
 Acq: 16 Mar 2016 19:09

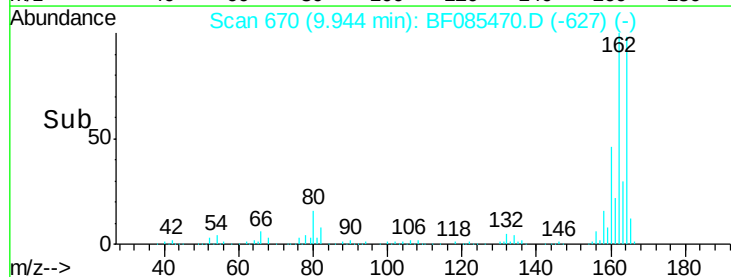
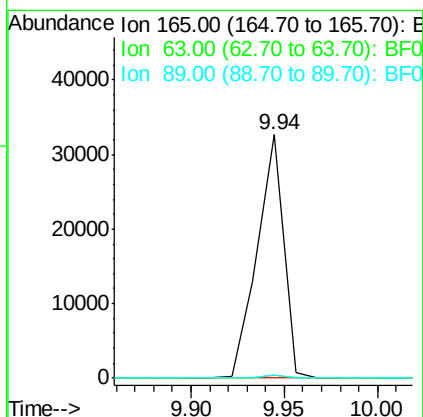
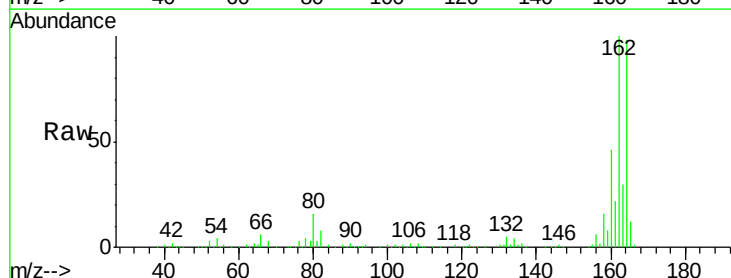
Instrument :
 BNA_F
 ClientSampled :
 PB88925BL

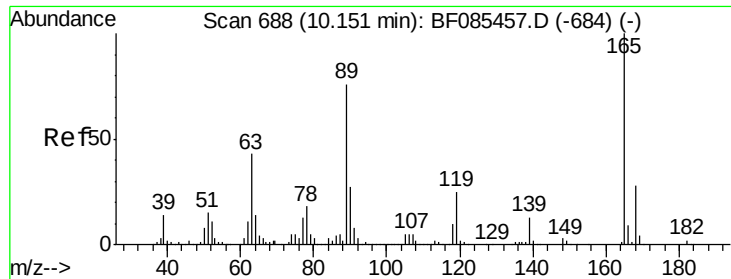
Tgt Ion:172 Resp: 1114156
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.3 43.9
 170 24.1 20.0 30.0



#50
 2,6-Dinitrotoluene
 Concen: 7.98 ng
 RT: 9.94 min Scan# 670
 Delta R.T. 0.19 min
 Lab File: BF085470.D
 Acq: 16 Mar 2016 19:09

Tgt Ion:165 Resp: 31975
 Ion Ratio Lower Upper
 165 100
 63 1.3 41.8 62.8#
 89 1.5 46.7 70.1#

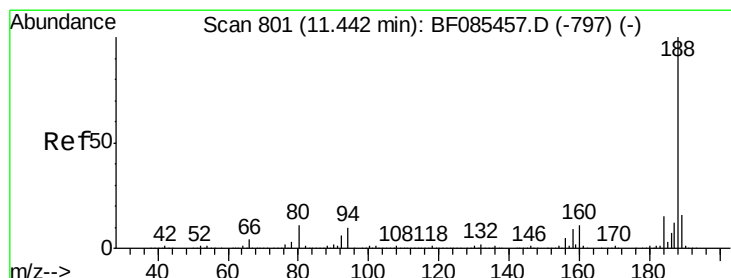
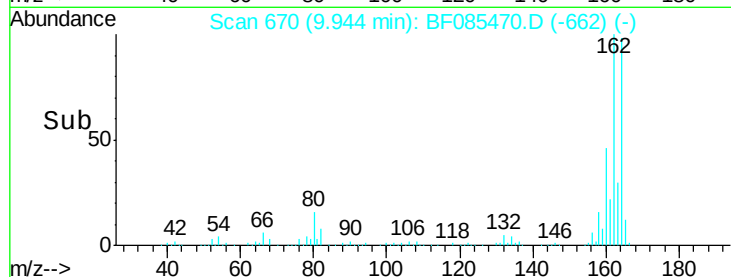
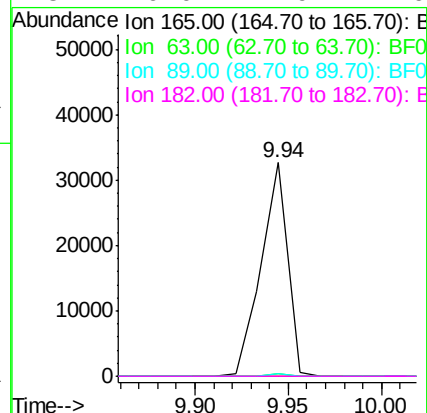
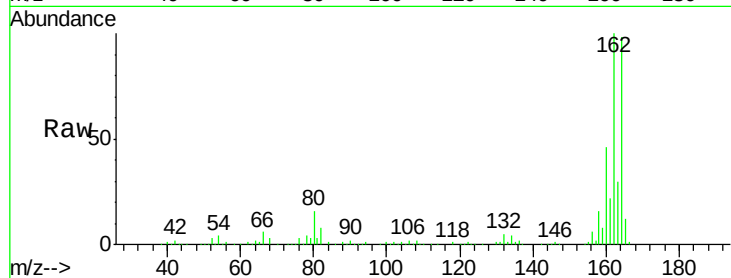




#56
 2,4-Dinitrotoluene
 Concen: 6.36 ng
 RT: 9.94 min Scan# 670
 Delta R.T. -0.21 min
 Lab File: BF085470.D
 Acq: 16 Mar 2016 19:09

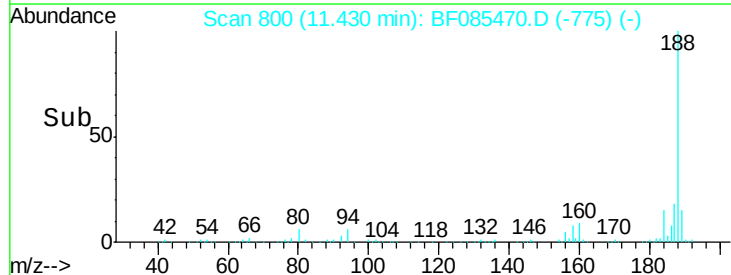
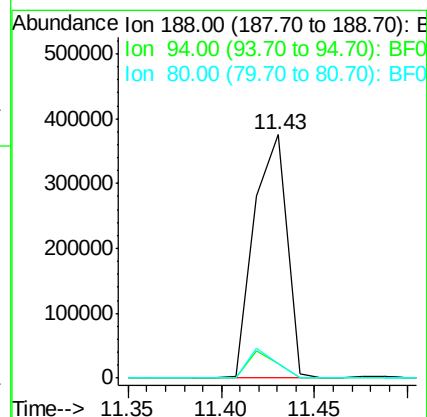
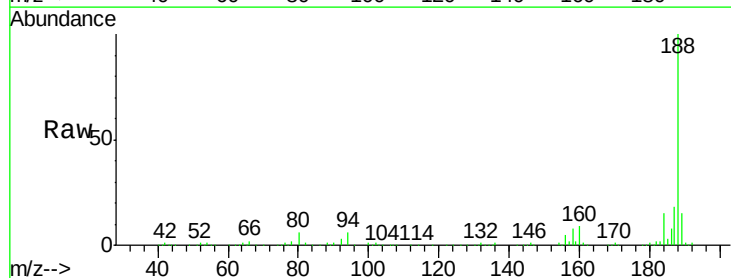
Instrument :
 BNA_F
 ClientSampleId :
 PB88925BL

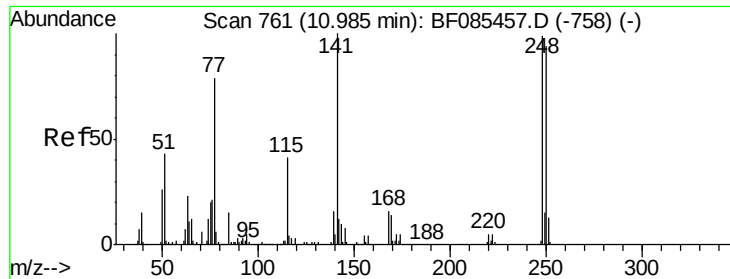
Tgt Ion:	165	Resp:	31975
Ion Ratio	Lower	Upper	
165	100		
63	1.3	35.4	53.0#
89	1.5	61.9	92.9#
182	0.0	1.9	2.9#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.43 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF085470.D
 Acq: 16 Mar 2016 19:09

Tgt Ion:	188	Resp:	458305
Ion Ratio	Lower	Upper	
188	100		
94	6.1	7.0	10.6#
80	6.2	7.4	11.0#

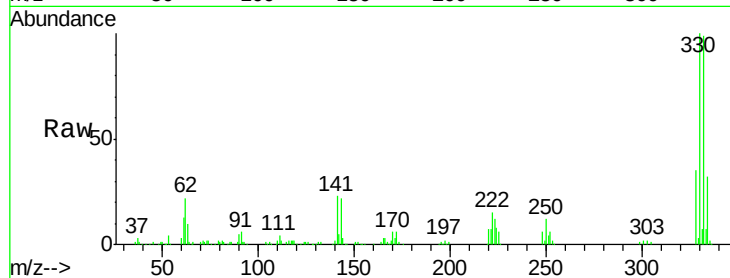




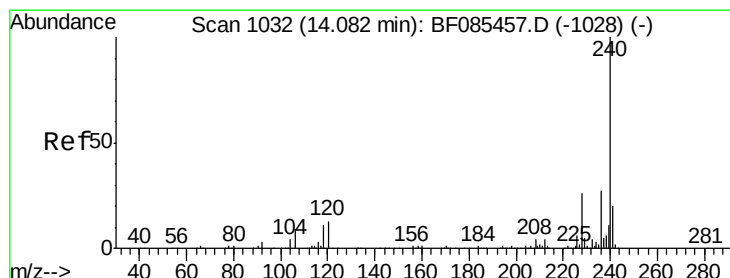
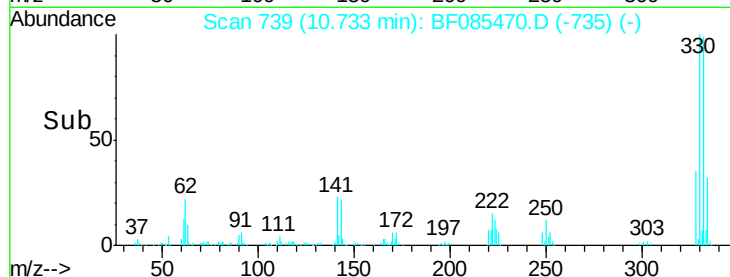
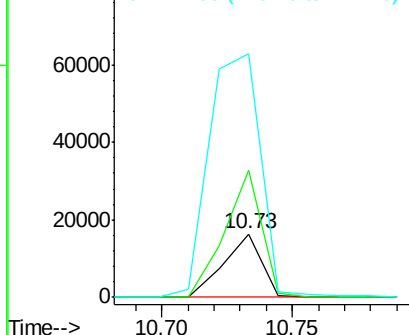
#66
 4-Bromophenyl-phenylether
 Concen: 3.54 ng
 RT: 10.73 min Scan# 739
 Delta R.T. -0.25 min
 Lab File: BF085470.D
 Acq: 16 Mar 2016 19:09

Instrument :
 BNA_F
 ClientSampleId :
 PB88925BL

Tgt Ion:248 Resp: 16415
 Ion Ratio Lower Upper
 248 100
 250 201.3 77.1 115.7#
 141 385.0 66.2 99.2#

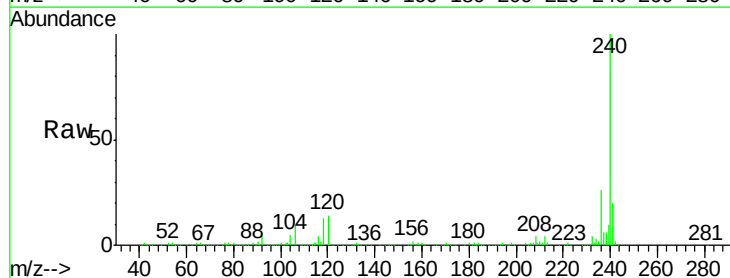


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

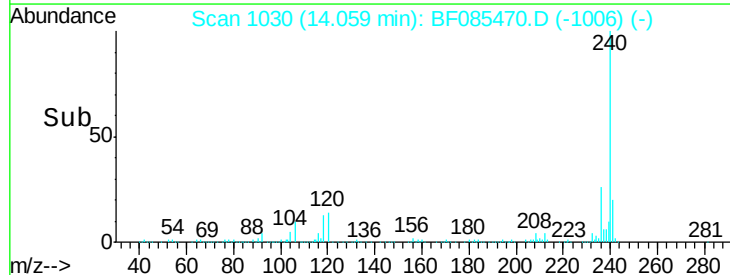
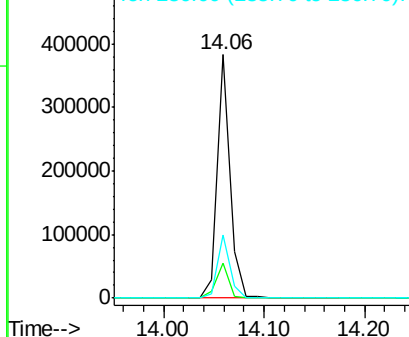


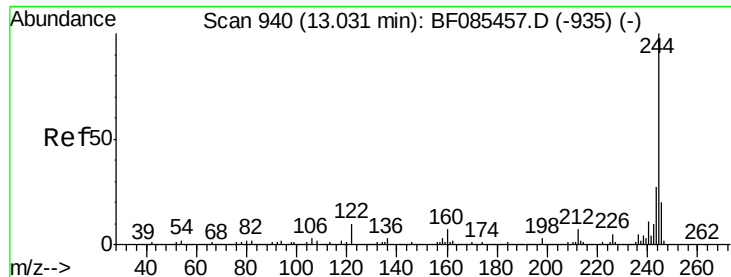
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.06 min Scan# 1030
 Delta R.T. -0.02 min
 Lab File: BF085470.D
 Acq: 16 Mar 2016 19:09

Tgt Ion:240 Resp: 338274
 Ion Ratio Lower Upper
 240 100
 120 14.3 5.3 7.9#
 236 25.9 20.7 31.1



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: 71.56 ng

RT: 13.01 min Scan# 938

Delta R.T. -0.02 min

Lab File: BF085470.D

Acq: 16 Mar 2016 19:09

Instrument :

BNA_F

ClientSampleId :

PB88925BL

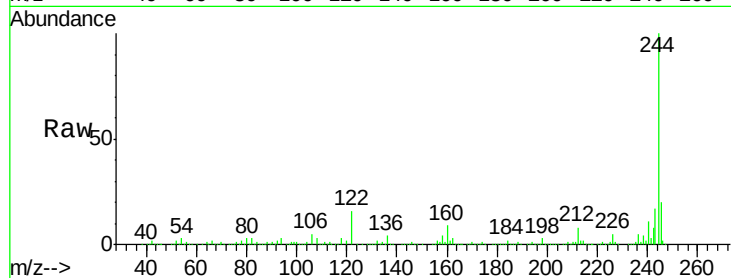
Tgt Ion:244 Resp: 1070019

Ion Ratio Lower Upper

244 100

212 7.8 6.4 9.6

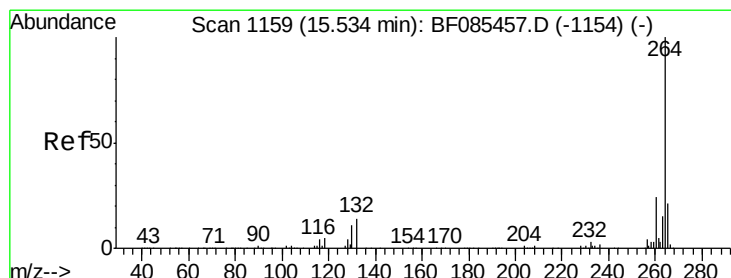
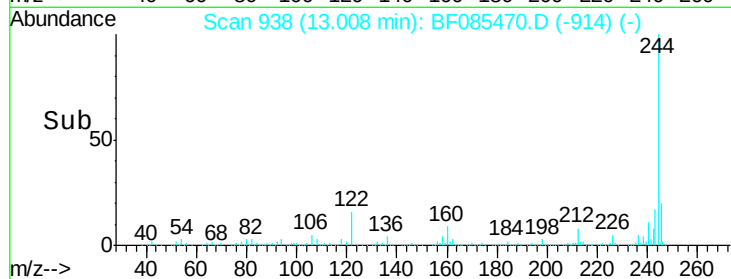
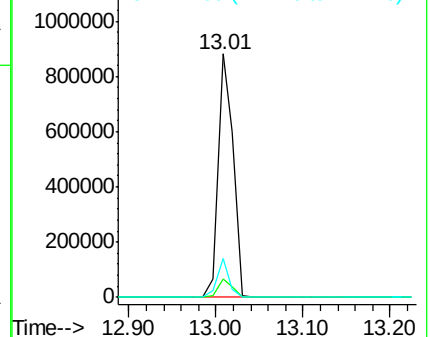
122 15.9 11.4 17.2



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: 15.51 min Scan# 1157

Delta R.T. -0.02 min

Lab File: BF085470.D

Acq: 16 Mar 2016 19:09

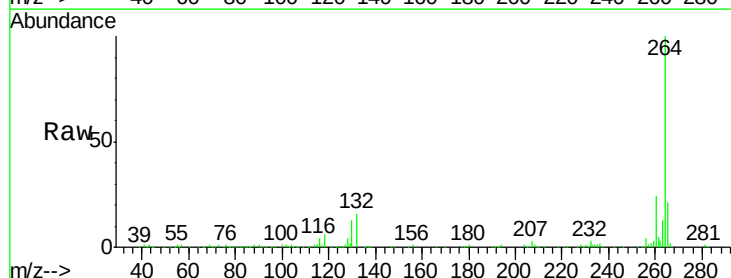
Tgt Ion:264 Resp: 231737

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

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

