

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
 Data File : BF085871.D
 Acq On : 30 Mar 2016 1:41
 Operator : UM/SJ
 Sample : H2023-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-4

Quant Time: Mar 30 02:28:34 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 15:27:05 2016
 Response via : Initial Calibration

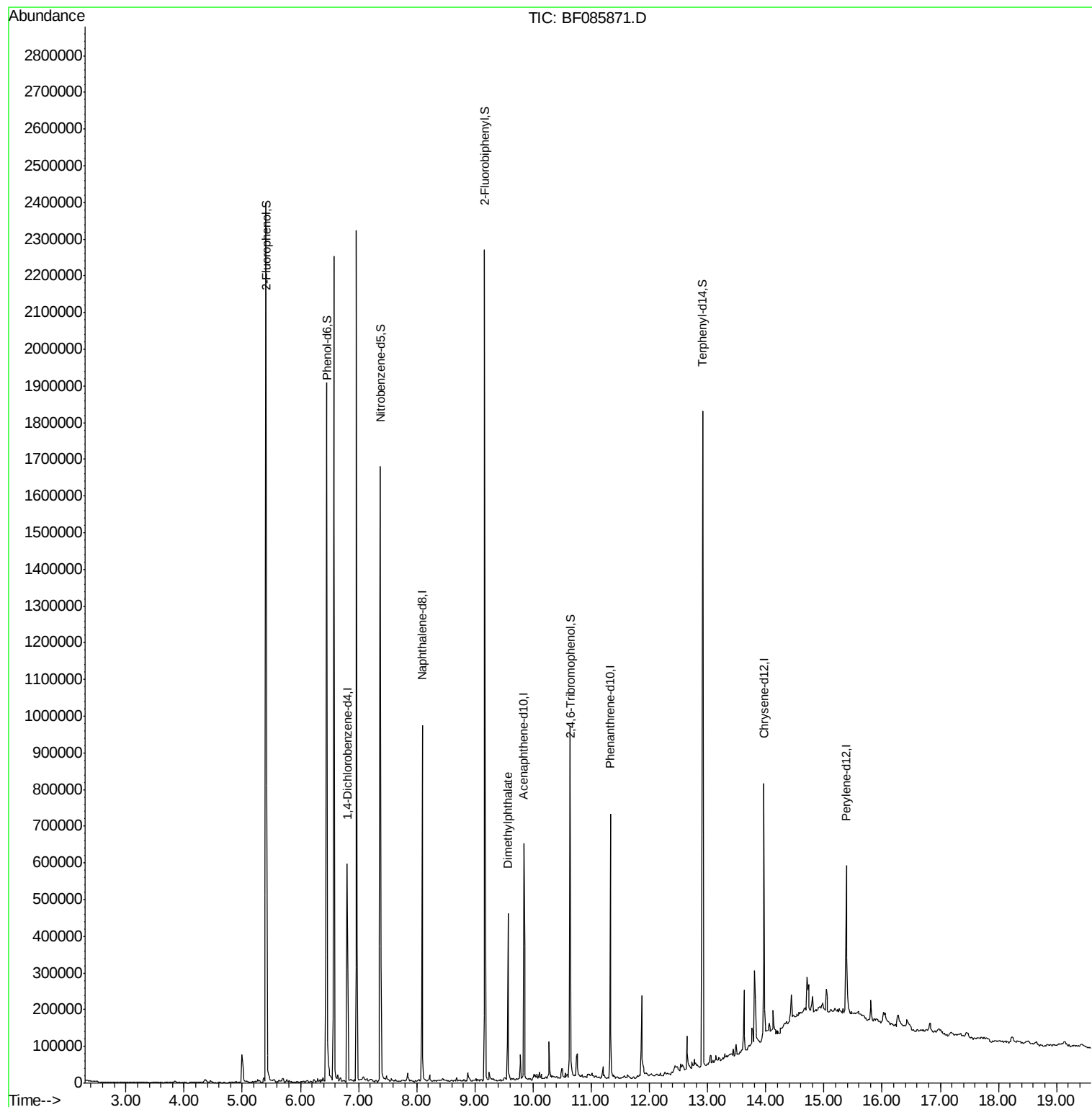
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	106171	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	417930	20.00	ng	-0.02
38) Acenaphthene-d10	9.84	164	146412	20.00	ng	-0.02
63) Phenanthrene-d10	11.33	188	244177	20.00	ng	-0.02
75) Chrysene-d12	13.97	240	238929	20.00	ng	-0.01
86) Perylene-d12	15.39	264	176518	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	824933	129.40	ng	0.00
7) Phenol-d6	6.46	99	1141249	140.80	ng	0.00
23) Nitrobenzene-d5	7.37	82	585749	78.93	ng	-0.02
41) 2,4,6-Tribromophenol	10.64	330	167000	120.05	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	751283	85.73	ng	-0.02
78) Terphenyl-d14	12.92	244	562038	48.38	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.57	163	177887	16.01	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF085871.D

Acq: 30 Mar 2016 1:41

Instrument :

BNA_F

ClientSampled :

B-4

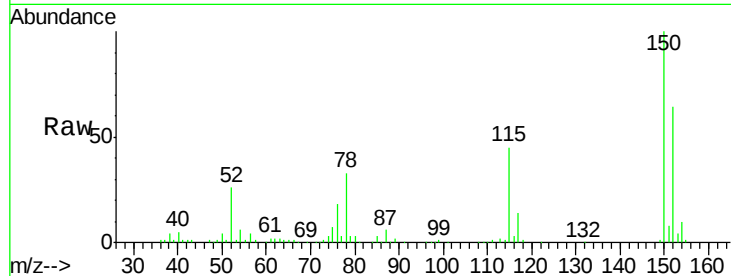
Tgt Ion:152 Resp: 106171

Ion Ratio Lower Upper

152 100

150 157.2 124.2 186.2

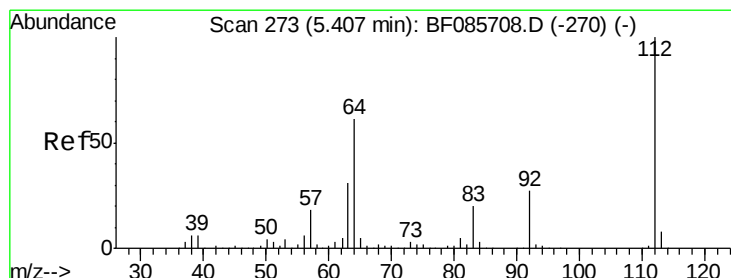
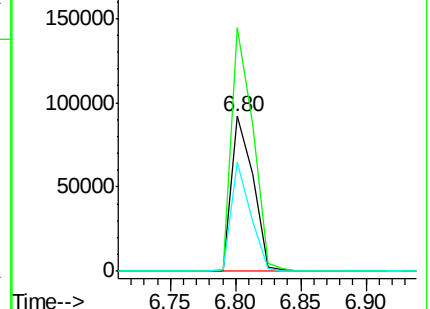
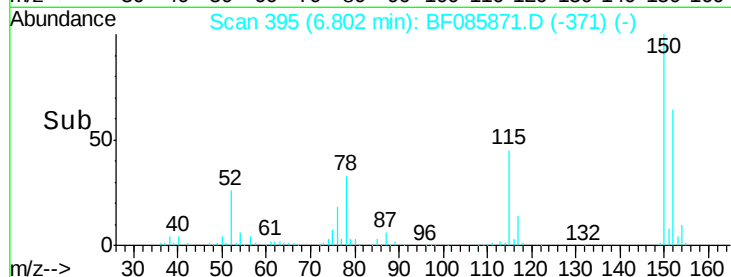
115 70.3 47.0 70.6



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: 129.40 ng

RT: 5.41 min Scan# 273

Delta R.T. 0.00 min

Lab File: BF085871.D

Acq: 30 Mar 2016 1:41

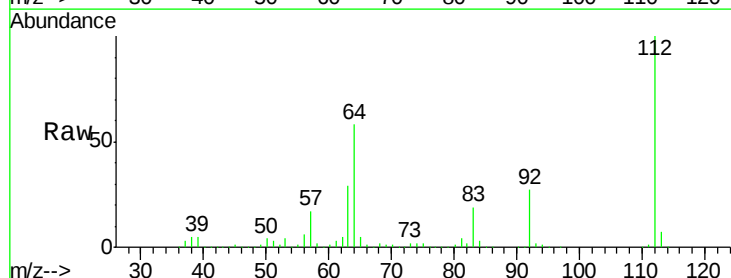
Tgt Ion:112 Resp: 824933

Ion Ratio Lower Upper

112 100

64 57.5 39.9 59.9

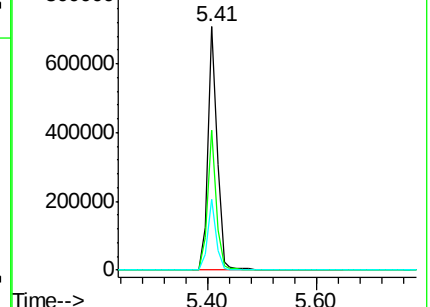
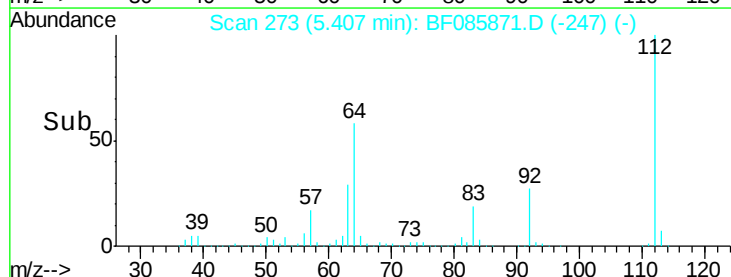
63 29.3 20.2 30.2

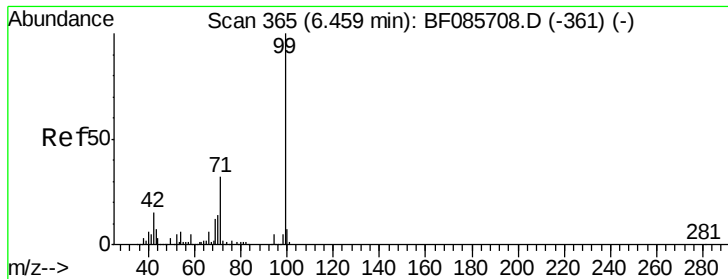


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 140.80 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085871.D

Acq: 30 Mar 2016 1:41

Instrument :

BNA_F

ClientSampled :

B-4

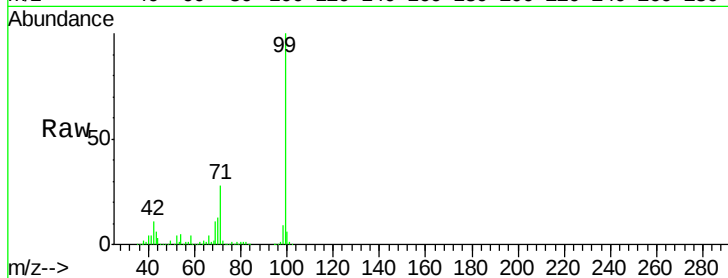
Tgt Ion: 99 Resp: 1141249

Ion Ratio Lower Upper

99 100

42 11.3 11.1 16.7

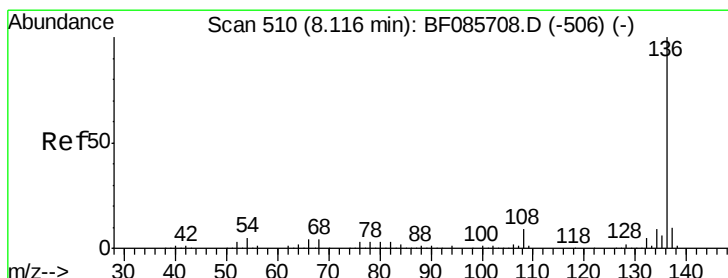
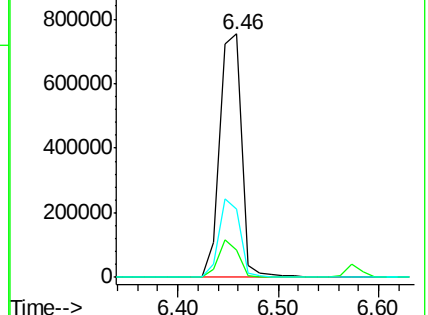
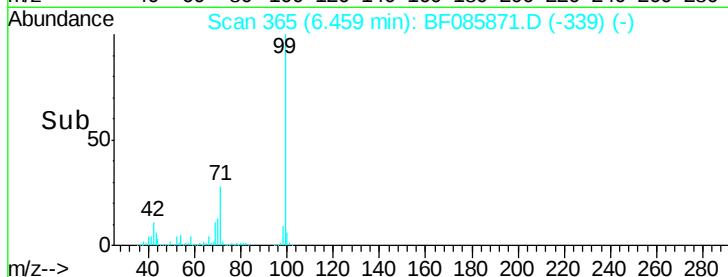
71 27.9 24.9 37.3



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: 8.09 min Scan# 508

Delta R.T. -0.02 min

Lab File: BF085871.D

Acq: 30 Mar 2016 1:41

Tgt Ion: 136 Resp: 417930

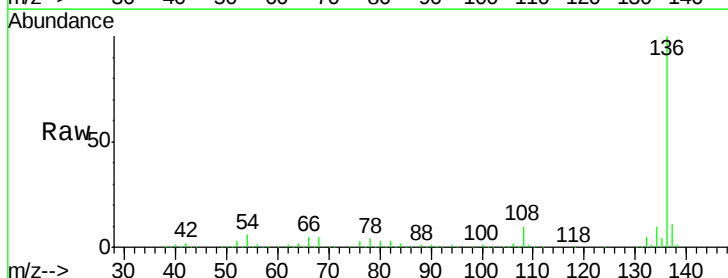
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 6.2 7.4 11.0#

68 5.3 5.8 8.8#

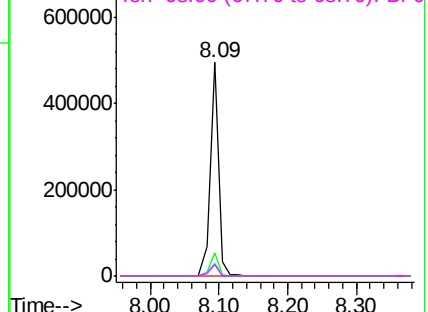
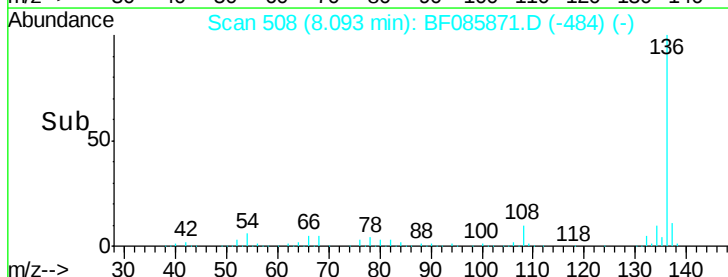


Abundance Ion 136.00 (135.70 to 136.70): E

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

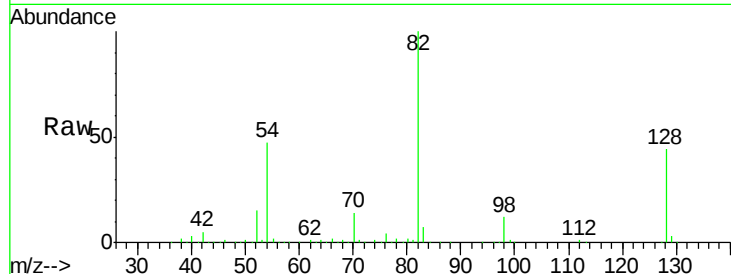




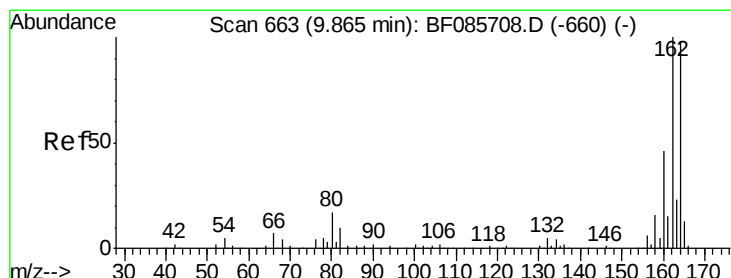
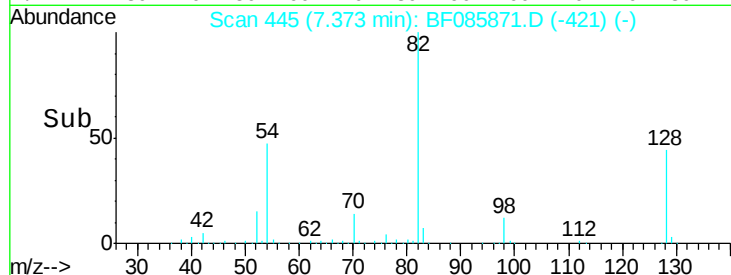
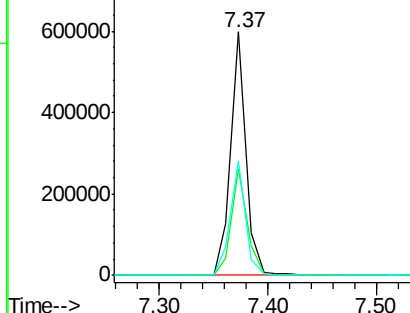
#23
 Nitrobenzene-d5
 Concen: 78.93 ng
 RT: 7.37 min Scan# 445
 Delta R.T. -0.02 min
 Lab File: BF085871.D
 Acq: 30 Mar 2016 1:41

Instrument :
 BNA_F
 ClientSampled :
 B-4

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.6	41.8	62.8
54	47.0	33.4	50.0

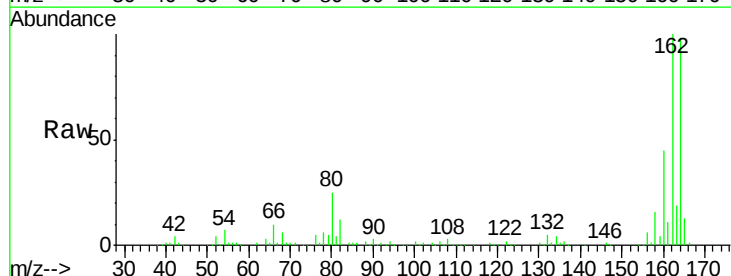


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

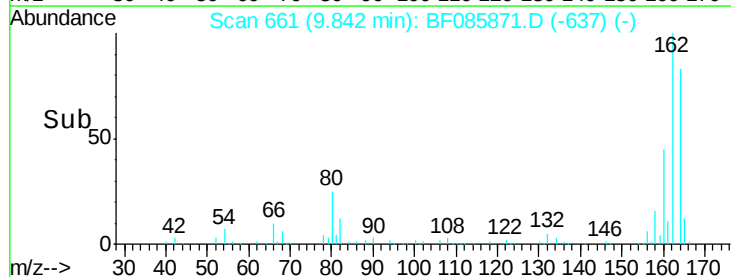
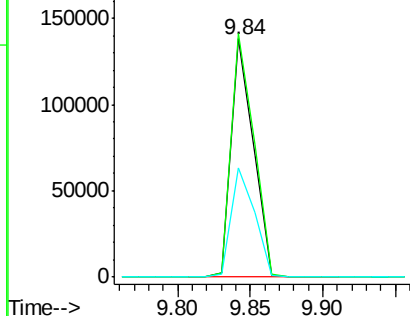


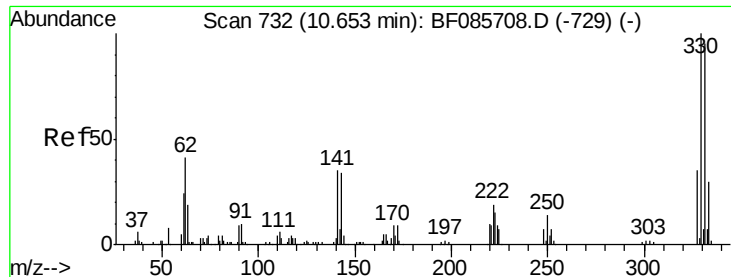
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 661
 Delta R.T. -0.02 min
 Lab File: BF085871.D
 Acq: 30 Mar 2016 1:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.1	123.1
160	45.9	37.4	56.2



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

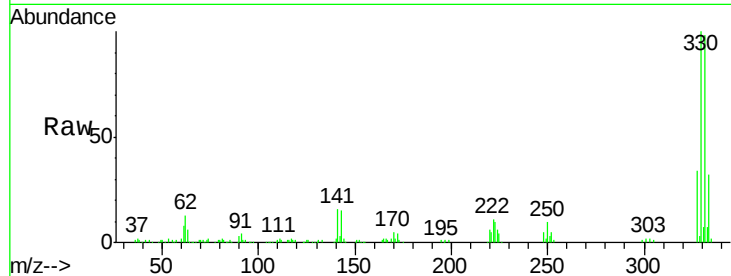




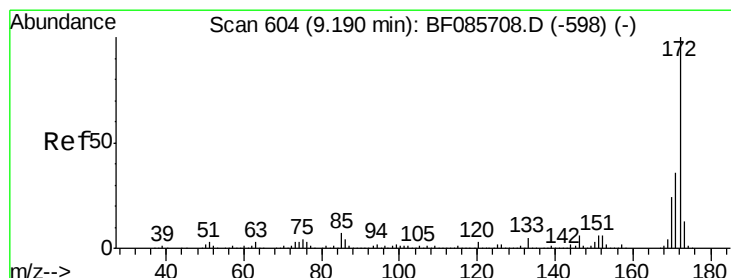
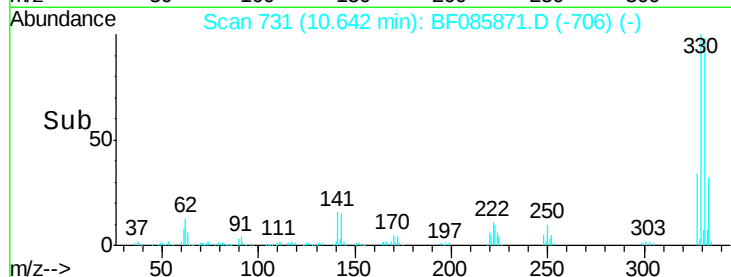
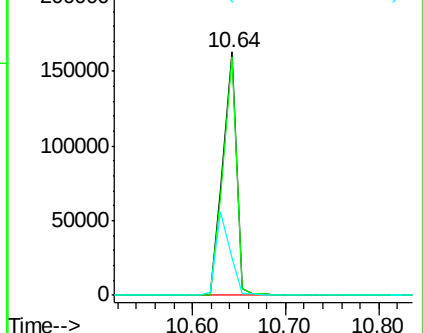
#41
 2,4,6-Tribromophenol
 Concen: 120.05 ng
 RT: 10.64 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BF085871.D
 Acq: 30 Mar 2016 1:41

Instrument :
 BNA_F
 ClientSampleId :
 B-4

Tgt Ion:330 Resp: 167000
 Ion Ratio Lower Upper
 330 100
 332 96.2 78.2 117.2
 141 35.9 31.5 47.3

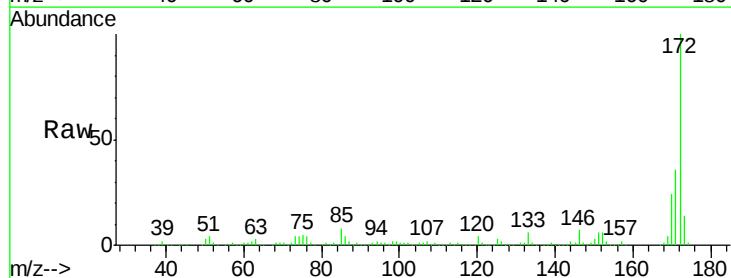


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

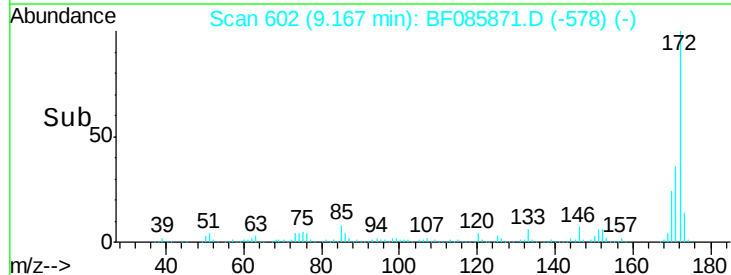
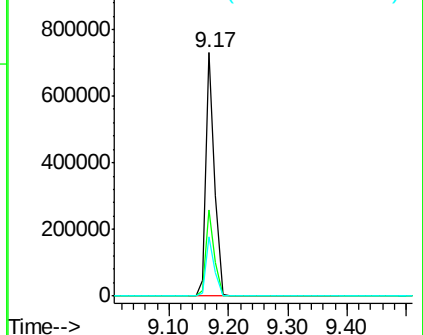


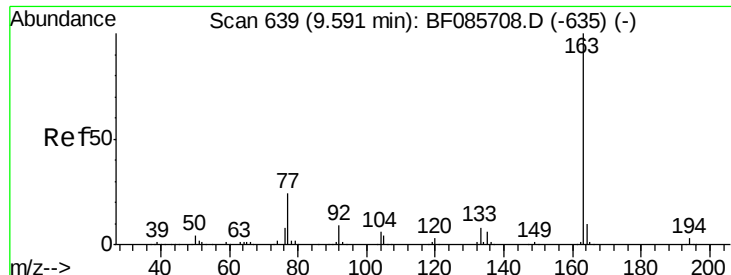
#44
 2-Fluorobiphenyl
 Concen: 85.73 ng
 RT: 9.17 min Scan# 602
 Delta R.T. -0.02 min
 Lab File: BF085871.D
 Acq: 30 Mar 2016 1:41

Tgt Ion:172 Resp: 751283
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.4 44.2
 170 24.2 19.8 29.6



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





#49

Dimethylphthalate

Concen: 16.01 ng

RT: 9.57 min Scan# 637

Delta R.T. -0.02 min

Lab File: BF085871.D

Acq: 30 Mar 2016 1:41

Instrument :

BNA_F

ClientSampleId :

B-4

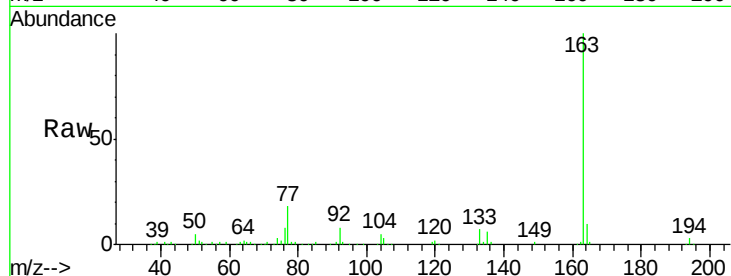
Tgt Ion:163 Resp: 177887

Ion Ratio Lower Upper

163 100

194 3.5 2.9 4.3

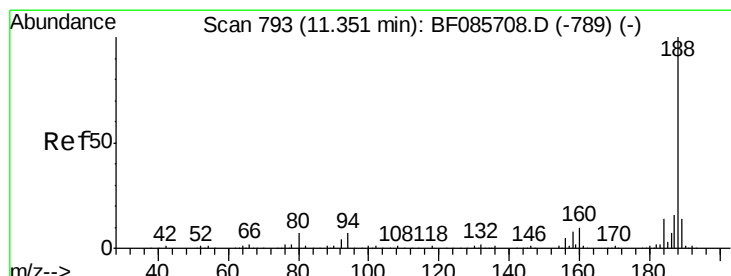
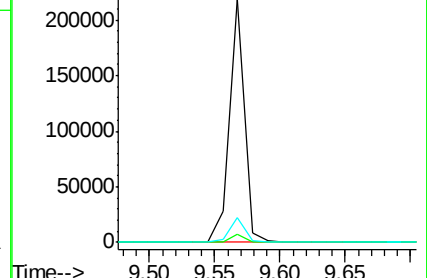
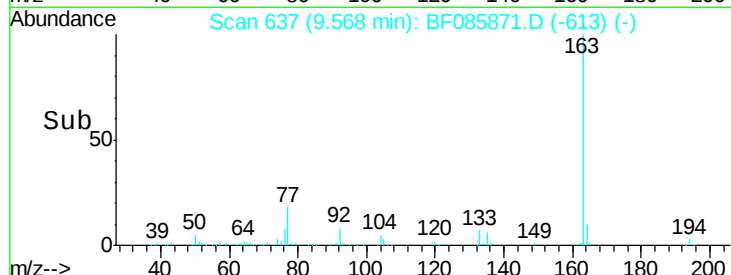
164 10.0 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.33 min Scan# 791

Delta R.T. -0.02 min

Lab File: BF085871.D

Acq: 30 Mar 2016 1:41

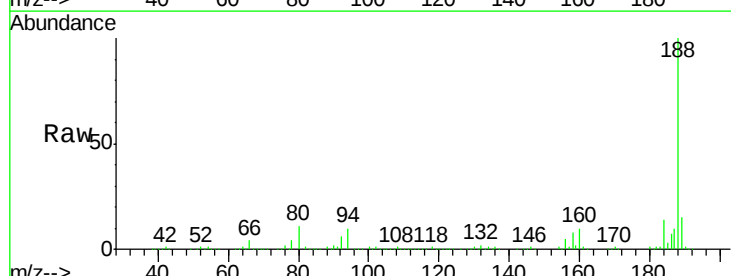
Tgt Ion:188 Resp: 244177

Ion Ratio Lower Upper

188 100

94 10.4 5.4 8.0#

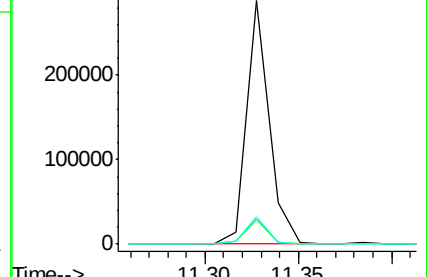
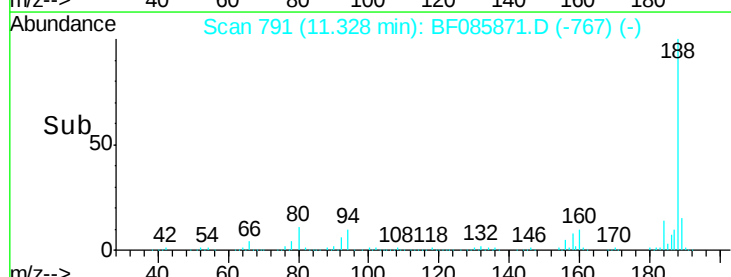
80 11.0 5.5 8.3#

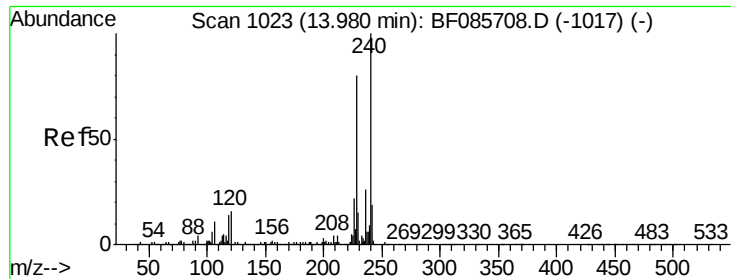


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.97 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF085871.D

Acq: 30 Mar 2016 1:41

Instrument :

BNA_F

ClientSampleId :

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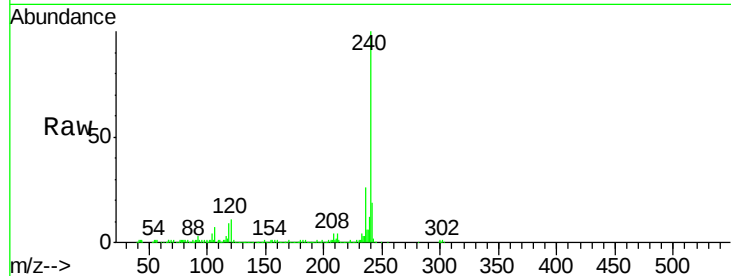
Tgt Ion:240 Resp: 238929

Ion Ratio Lower Upper

240 100

120 11.1 13.8 20.8#

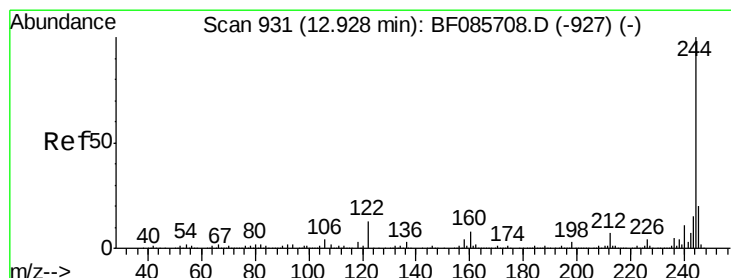
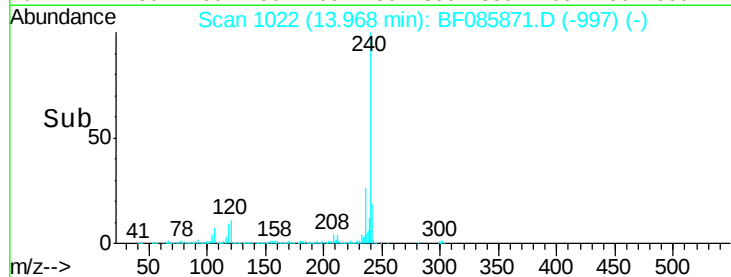
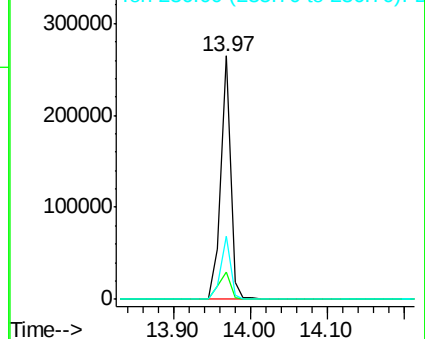
236 26.1 20.6 30.8



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: 48.38 ng

RT: 12.92 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF085871.D

Acq: 30 Mar 2016 1:41

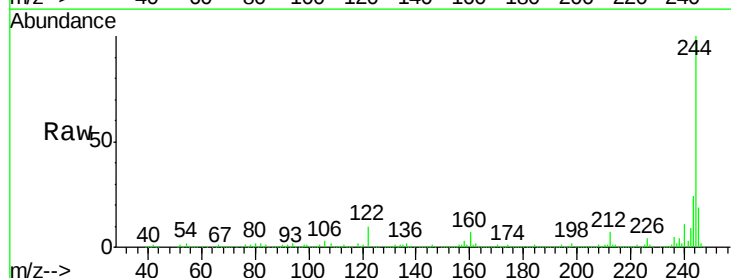
Tgt Ion:244 Resp: 562038

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

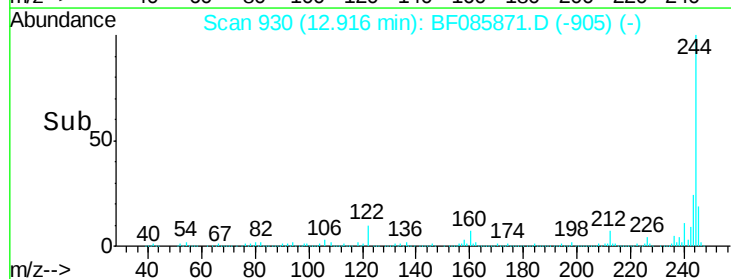
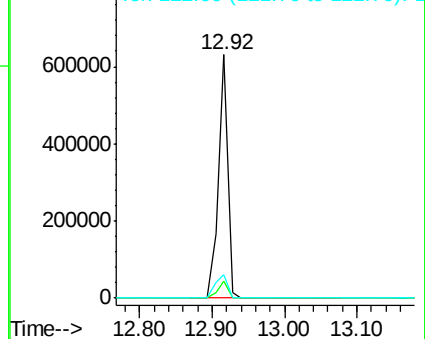
122 9.9 10.2 15.4#

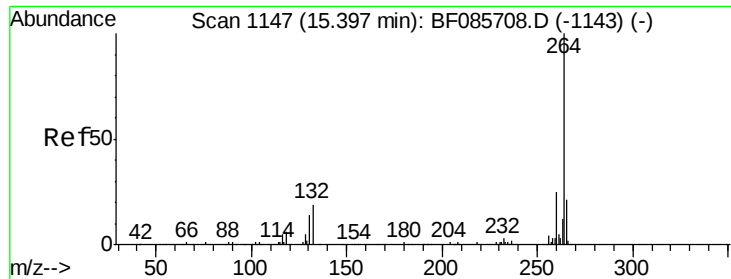


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.39 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF085871.D
Acq: 30 Mar 2016 1:41

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 264 Resp: 176518
Ion Ratio Lower Upper
264 100
260 24.5 19.4 29.2
265 21.2 17.2 25.8

