

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
 Data File : BF085873.D
 Acq On : 30 Mar 2016 2:37
 Operator : UM/SJ
 Sample : H1933-02 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B10COMP

Quant Time: Mar 30 03:15:24 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

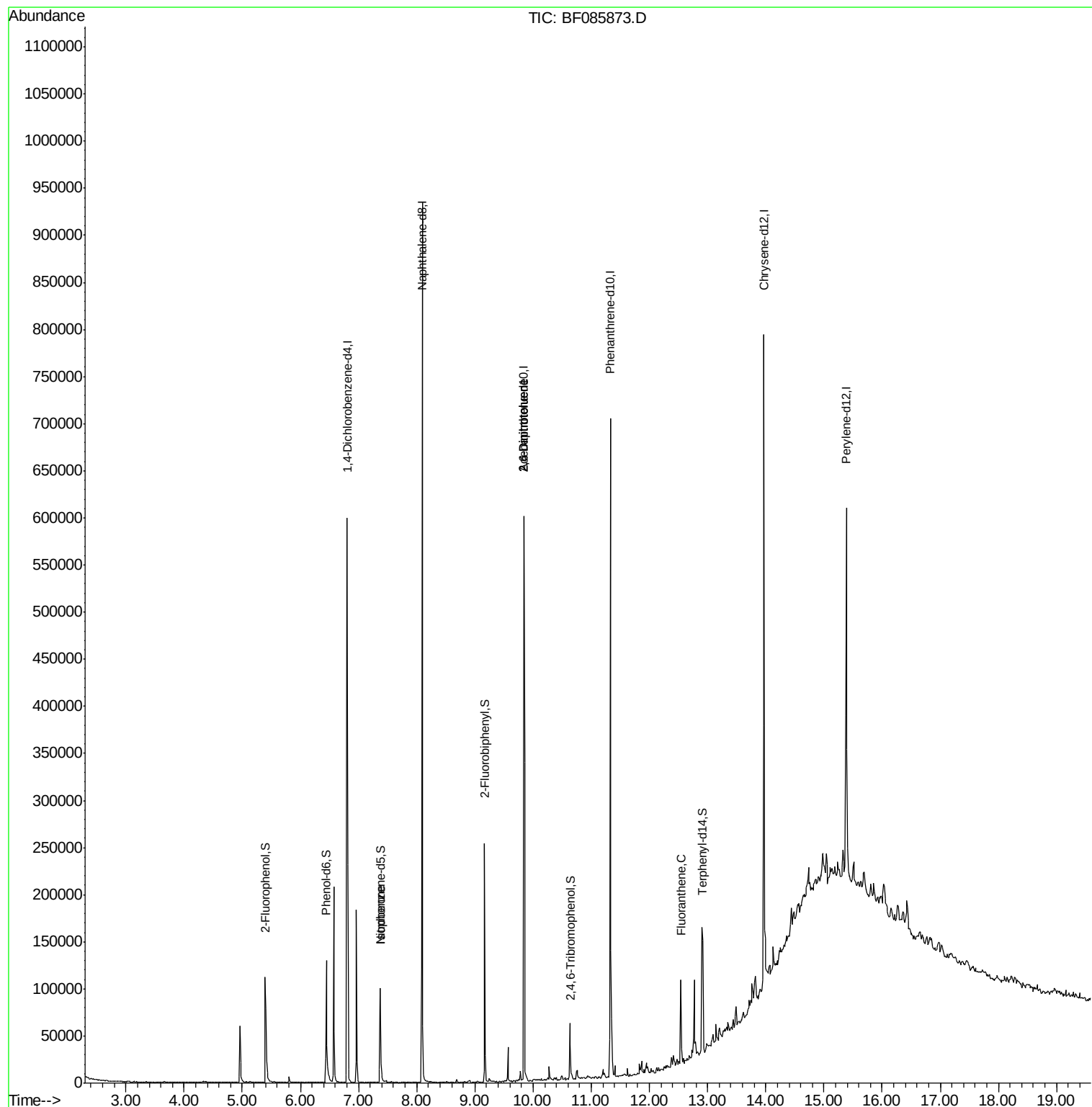
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	98643	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	398250	20.00	ng	-0.02
38) Acenaphthene-d10	9.84	164	139120	20.00	ng	-0.02
63) Phenanthrene-d10	11.33	188	245009	20.00	ng	-0.02
75) Chrysene-d12	13.97	240	244264	20.00	ng	-0.01
86) Perylene-d12	15.39	264	175842	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	53303	9.00	ng	-0.01
7) Phenol-d6	6.45	99	65418	8.69	ng	-0.01
23) Nitrobenzene-d5	7.37	82	39551	5.59	ng	-0.02
41) 2,4,6-Tribromophenol	10.64	330	7579	5.73	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	74331	8.93	ng	-0.02
78) Terphenyl-d14	12.92	244	51651	4.35	ng	-0.01
Target Compounds						
25) Isophorone	7.37	82	36086	2.65	ng	# 68
37) 2-Methylnaphthalene	8.81	142	294	Below Cal		# 15
50) 2,6-Dinitrotoluene	9.84	165	17611	7.75	ng	# 19
56) 2,4-Dinitrotoluene	9.84	165	17611	6.10	ng	# 37
74) Fluoranthene	12.54	202	33279	2.49	ng	95

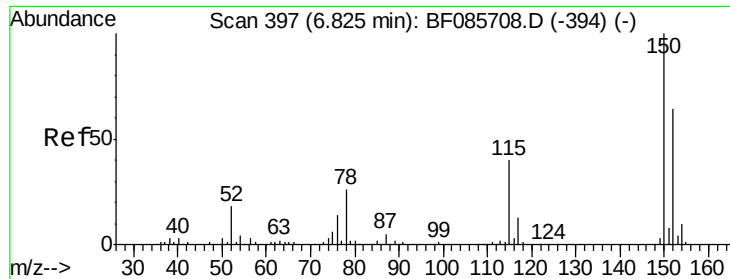
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF085873.D

Acq: 30 Mar 2016 2:37

Instrument :

BNA_F

ClientSampleId :

TEC-B10COMP

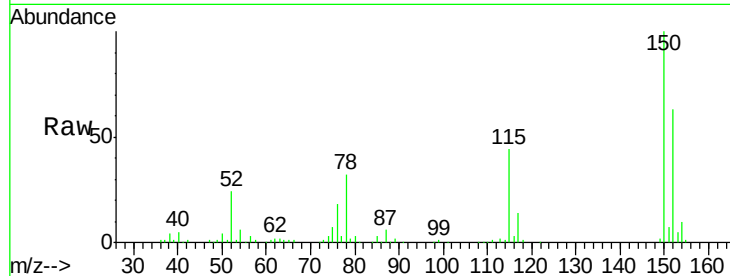
Tgt Ion:152 Resp: 98643

Ion Ratio Lower Upper

152 100

150 159.0 124.2 186.2

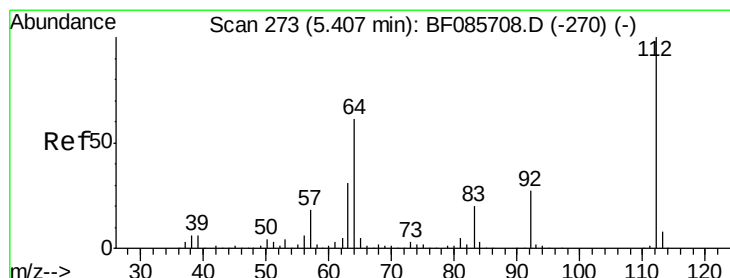
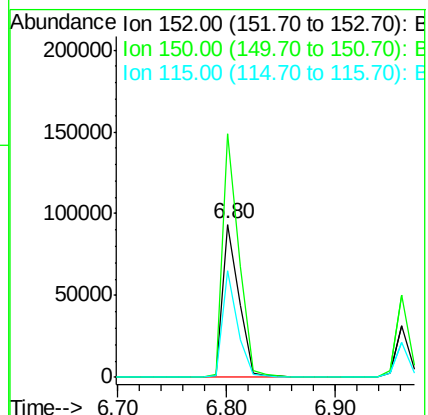
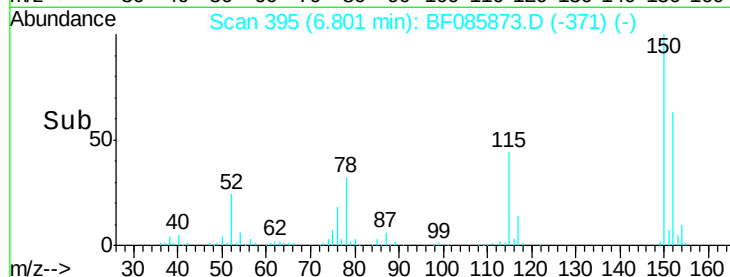
115 69.8 47.0 70.6



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: 9.00 ng

RT: 5.40 min Scan# 272

Delta R.T. -0.01 min

Lab File: BF085873.D

Acq: 30 Mar 2016 2:37

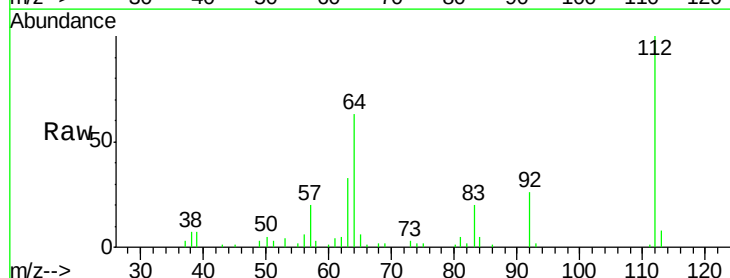
Tgt Ion:112 Resp: 53303

Ion Ratio Lower Upper

112 100

64 63.0 39.9 59.9#

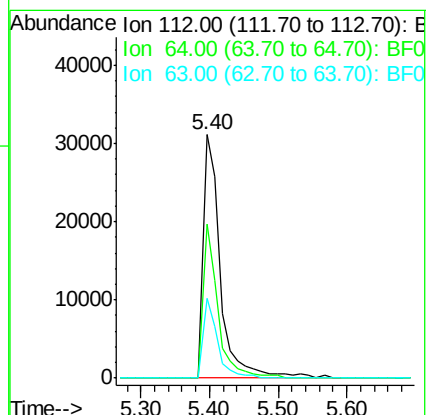
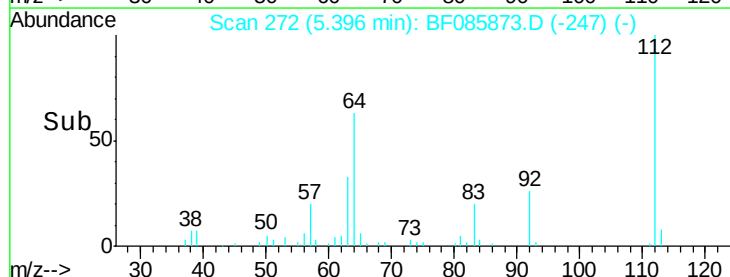
63 32.6 20.2 30.2#

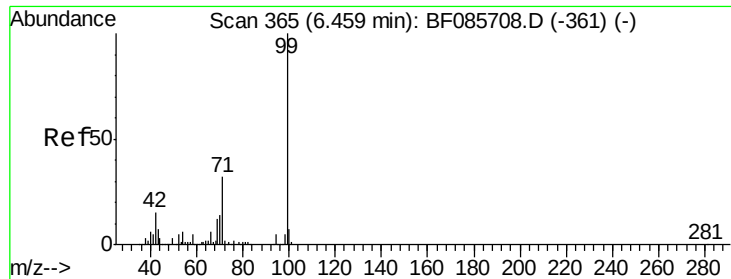


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 8.69 ng

RT: 6.45 min Scan# 364

Delta R.T. -0.01 min

Lab File: BF085873.D

Acq: 30 Mar 2016 2:37

Instrument :

BNA_F

ClientSampleId :

TEC-B10COMP

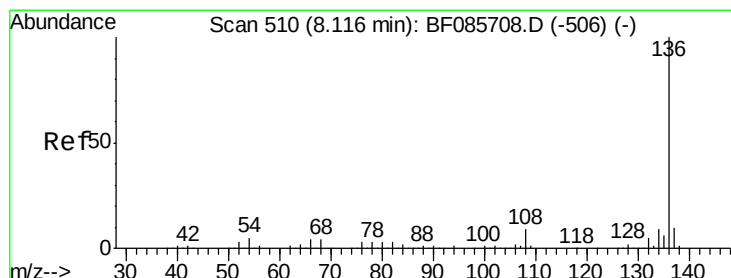
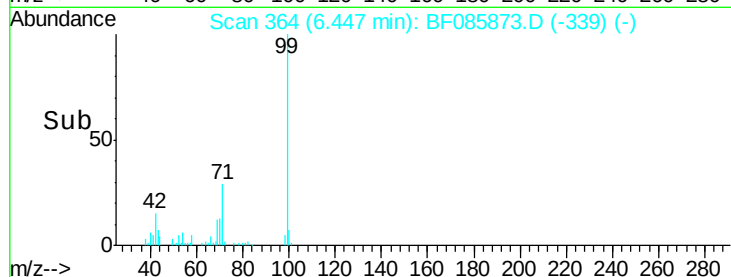
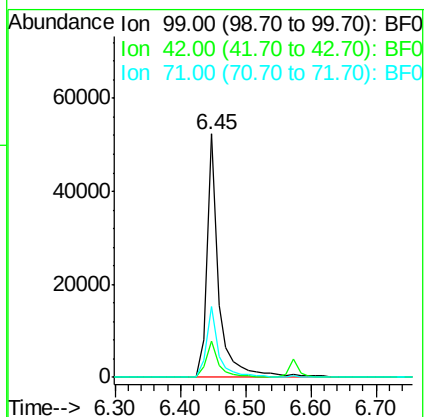
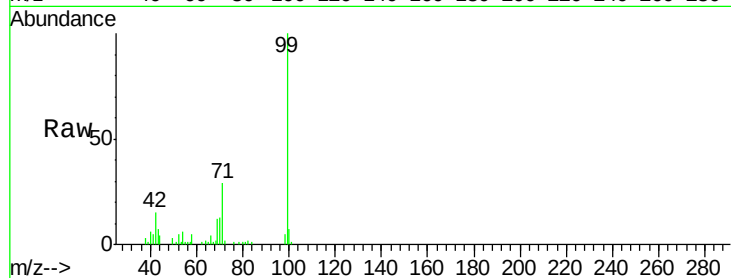
Tgt Ion: 99 Resp: 65418

Ion Ratio Lower Upper

99 100

42 14.9 11.1 16.7

71 29.3 24.9 37.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 508

Delta R.T. -0.02 min

Lab File: BF085873.D

Acq: 30 Mar 2016 2:37

Tgt Ion: 136 Resp: 398250

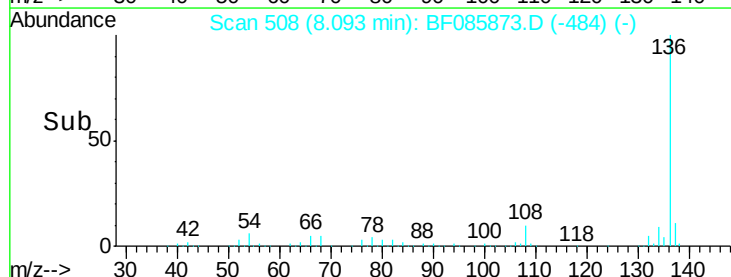
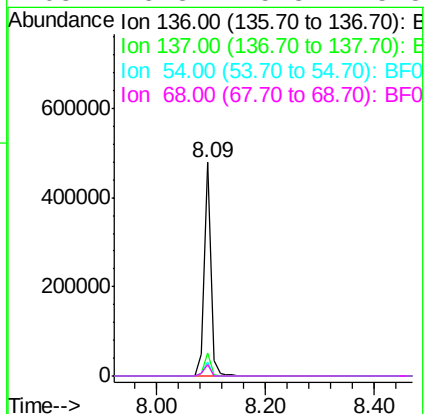
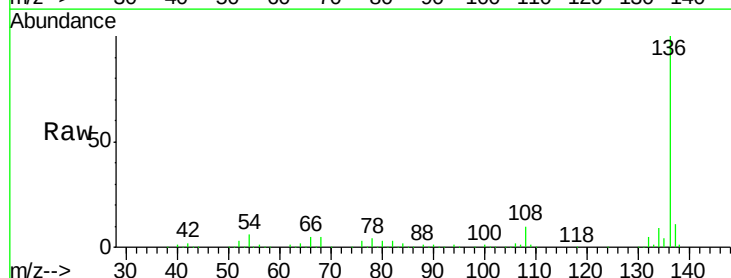
Ion Ratio Lower Upper

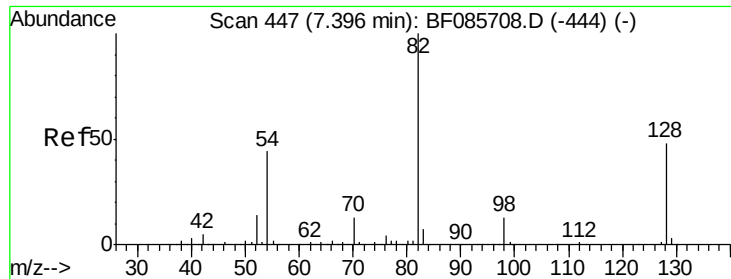
136 100

137 11.0 9.1 13.7

54 6.4 7.4 11.0#

68 5.3 5.8 8.8#

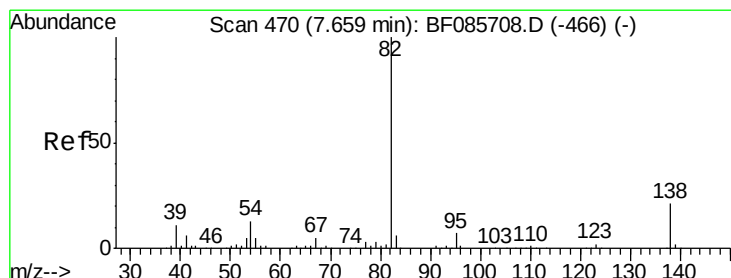
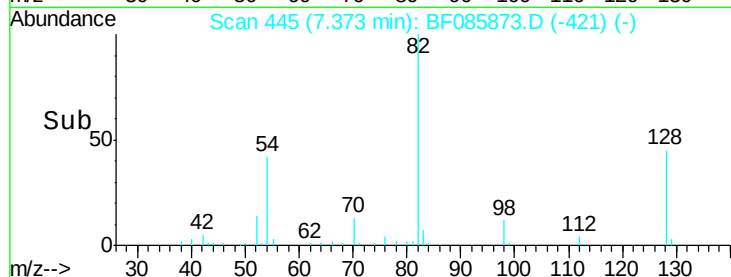
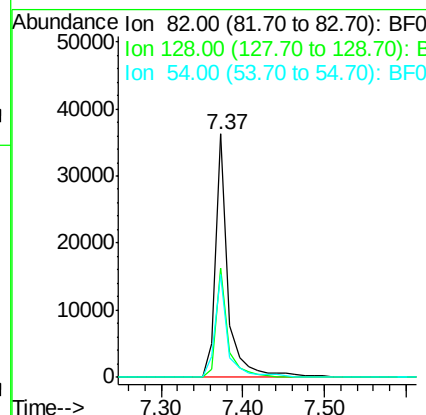
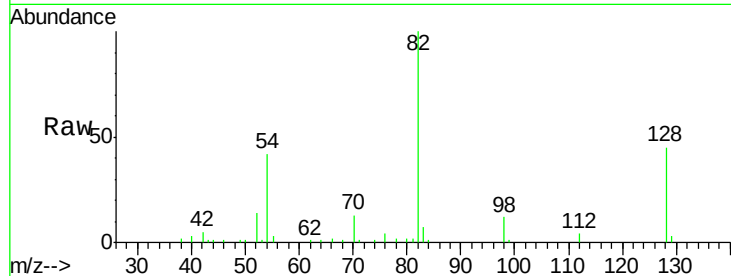




#23
 Nitrobenzene-d5
 Concen: 5.59 ng
 RT: 7.37 min Scan# 445
 Delta R.T. -0.02 min
 Lab File: BF085873.D
 Acq: 30 Mar 2016 2:37

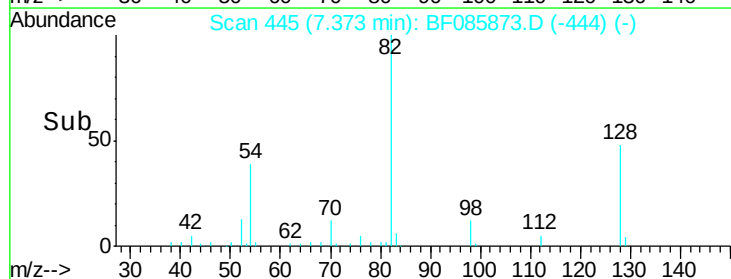
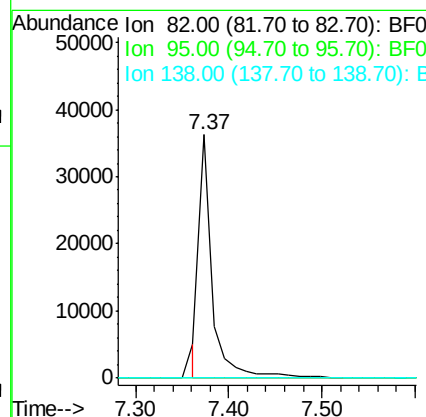
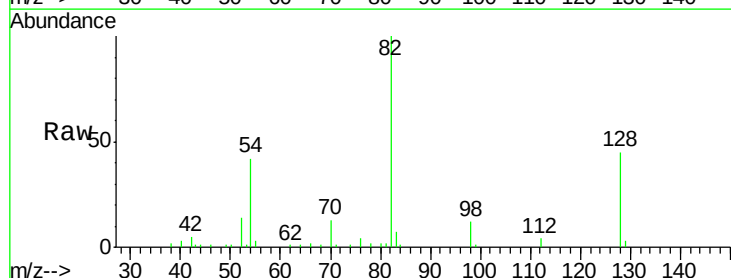
Instrument :
 BNA_F
 ClientSampleId :
 TEC-B10COMP

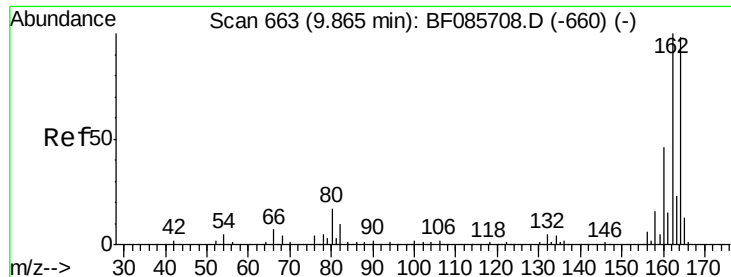
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.8	41.8	62.8
54	42.1	33.4	50.0



#25
 Isophorone
 Concen: 2.65 ng
 RT: 7.37 min Scan# 445
 Delta R.T. -0.29 min
 Lab File: BF085873.D
 Acq: 30 Mar 2016 2:37

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	12.9	19.3#

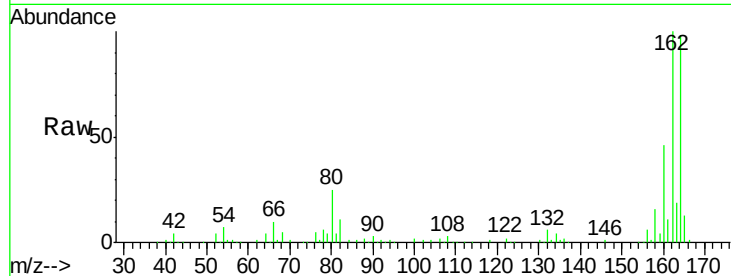




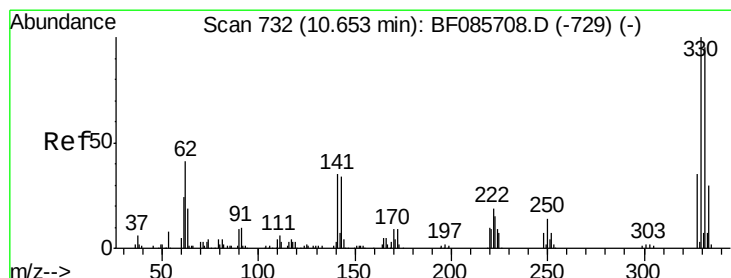
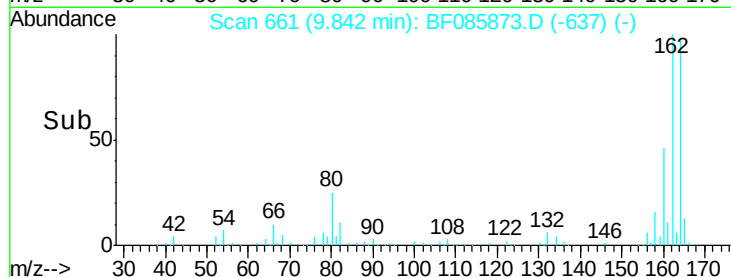
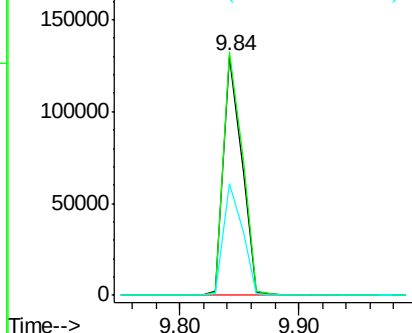
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 661
 Delta R.T. -0.02 min
 Lab File: BF085873.D
 Acq: 30 Mar 2016 2:37

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B10COMP

Tgt Ion:164 Resp: 139120
 Ion Ratio Lower Upper
 164 100
 162 102.0 82.1 123.1
 160 46.9 37.4 56.2

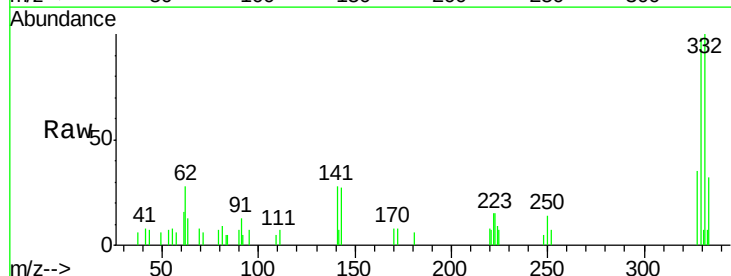


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

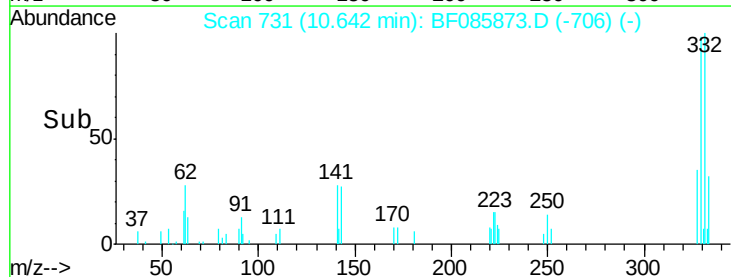
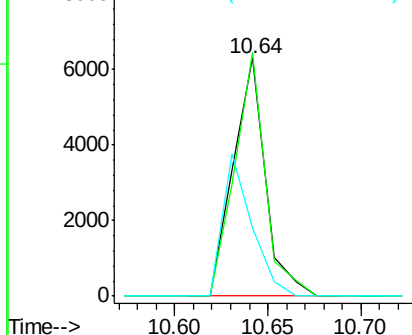


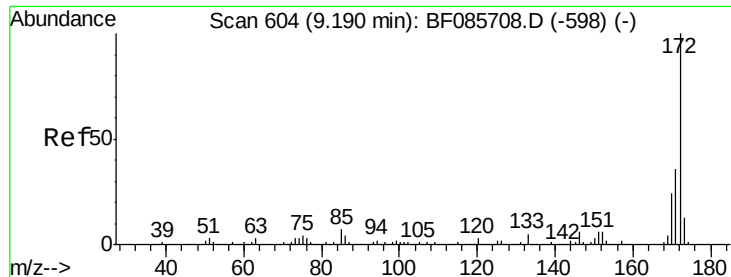
#41
 2,4,6-Tribromophenol
 Concen: 5.73 ng
 RT: 10.64 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BF085873.D
 Acq: 30 Mar 2016 2:37

Tgt Ion:330 Resp: 7579
 Ion Ratio Lower Upper
 330 100
 332 97.5 78.2 117.2
 141 54.0 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

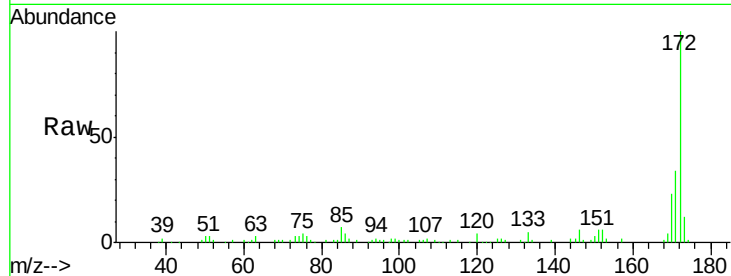




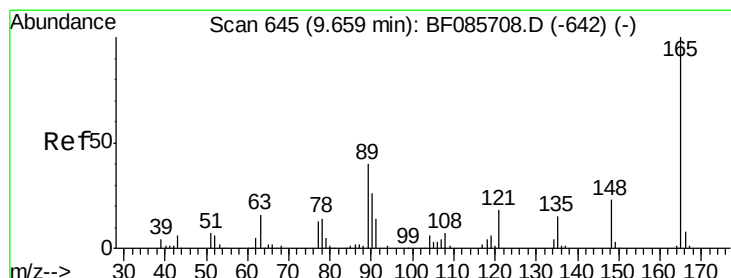
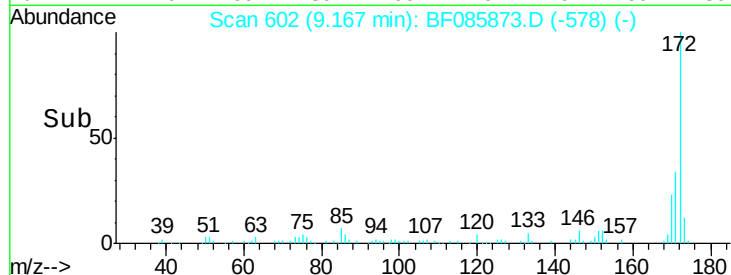
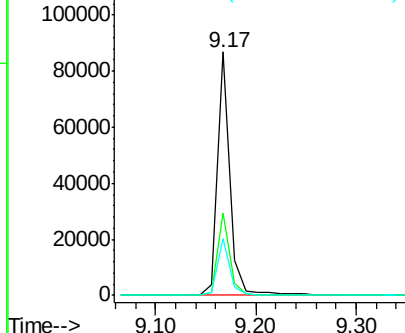
#44
 2-Fluorobiphenyl
 Concen: 8.93 ng
 RT: 9.17 min Scan# 602
 Delta R.T. -0.02 min
 Lab File: BF085873.D
 Acq: 30 Mar 2016 2:37

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B10COMP

Tgt Ion:172 Resp: 74331
 Ion Ratio Lower Upper
 172 100
 171 34.1 29.4 44.2
 170 23.4 19.8 29.6

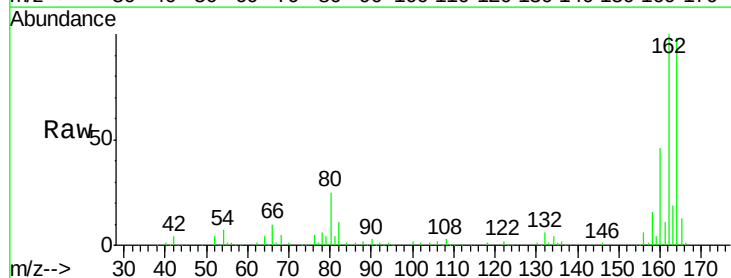


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

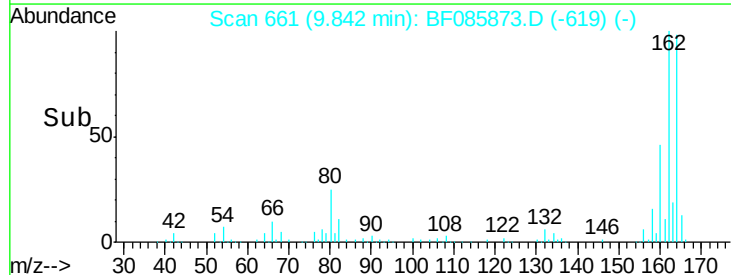
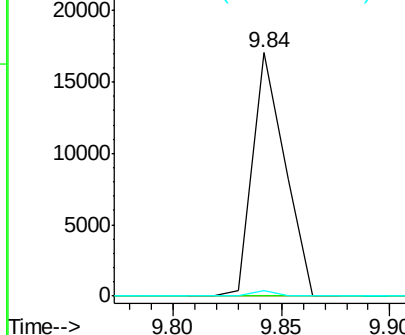


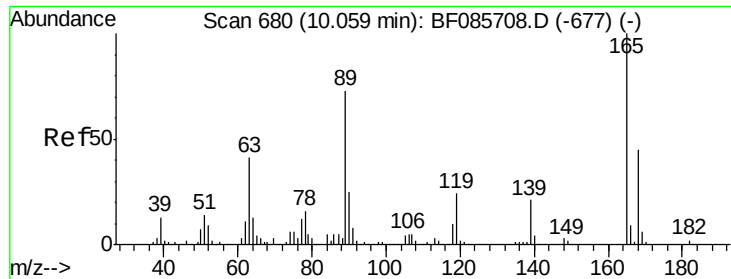
#50
 2,6-Dinitrotoluene
 Concen: 7.75 ng
 RT: 9.84 min Scan# 661
 Delta R.T. 0.18 min
 Lab File: BF085873.D
 Acq: 30 Mar 2016 2:37

Tgt Ion:165 Resp: 17611
 Ion Ratio Lower Upper
 165 100
 63 0.0 51.8 77.8#
 89 2.5 53.7 80.5#



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

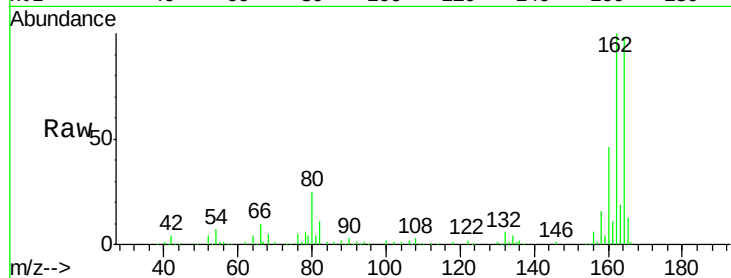




#56
 2,4-Dinitrotoluene
 Concen: 6.10 ng
 RT: 9.84 min Scan# 661
 Delta R.T. -0.22 min
 Lab File: BF085873.D
 Acq: 30 Mar 2016 2:37

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B10COMP

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	24.9	37.3#
89	2.5	41.0	61.6#
182	0.0	2.1	3.1#

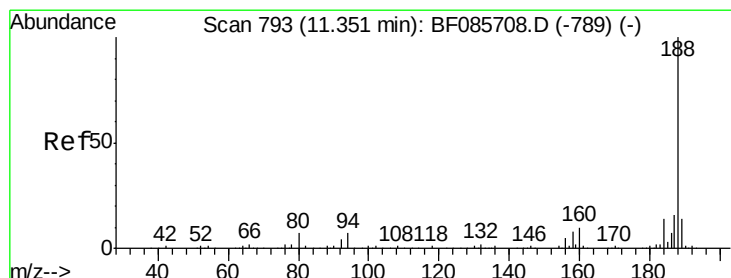
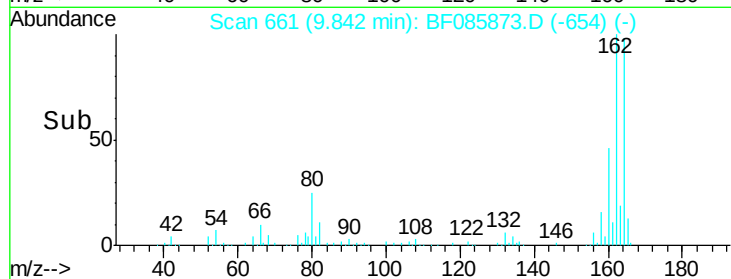
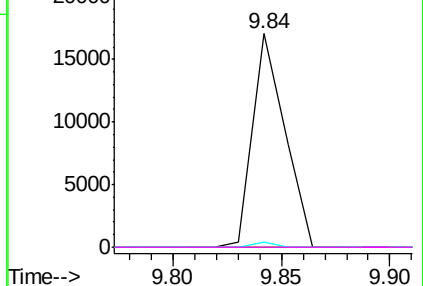


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

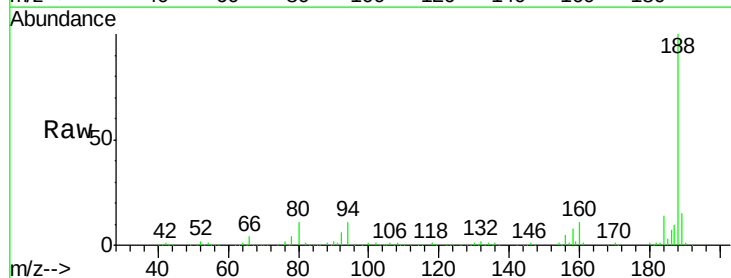
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 791
 Delta R.T. -0.02 min
 Lab File: BF085873.D
 Acq: 30 Mar 2016 2:37

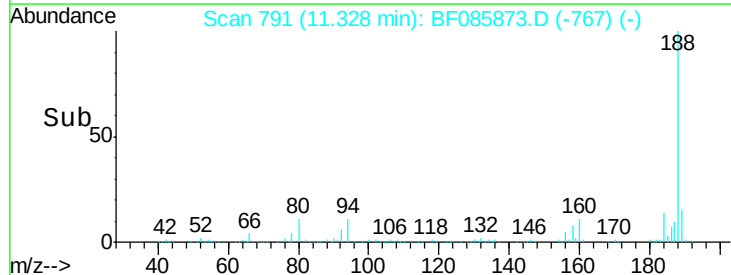
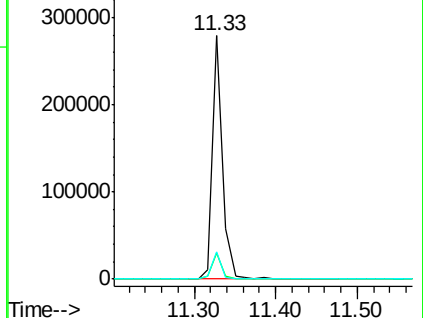
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.8	5.4	8.0#
80	11.2	5.5	8.3#

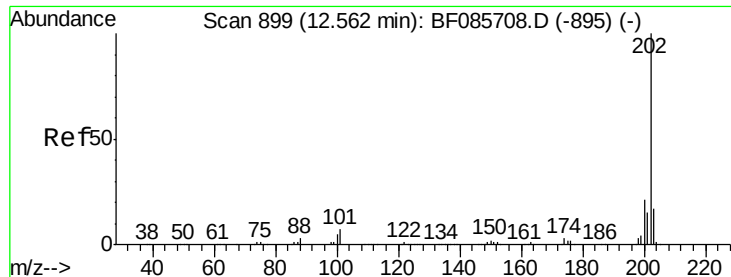


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#74

Fluoranthene

Concen: 2.49 ng

RT: 12.54 min Scan# 897

Delta R.T. -0.02 min

Lab File: BF085873.D

Acq: 30 Mar 2016 2:37

Instrument :

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ClientSampleId :

TEC-B10COMP

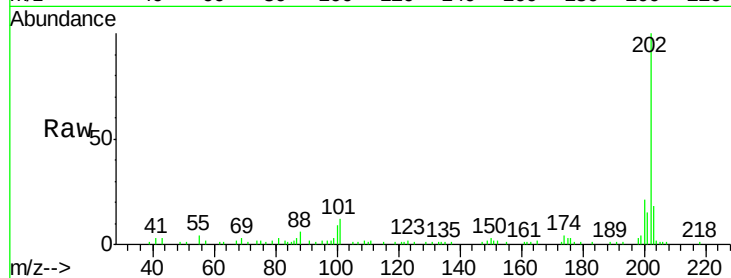
Tgt Ion: 202 Resp: 33279

Ion Ratio Lower Upper

202 100

101 11.9 0.0 36.6

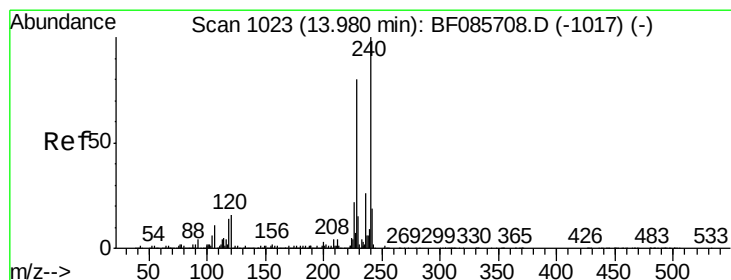
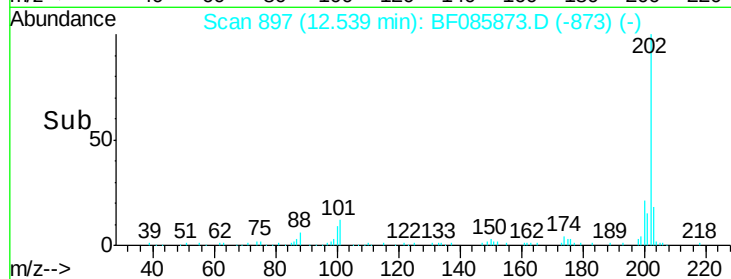
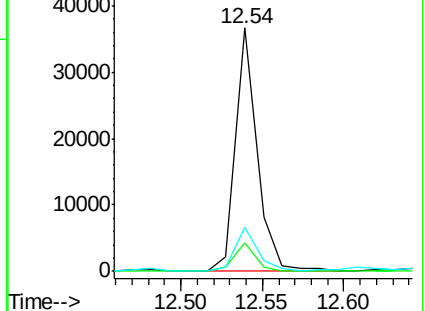
203 17.9 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF085873.D

Acq: 30 Mar 2016 2:37

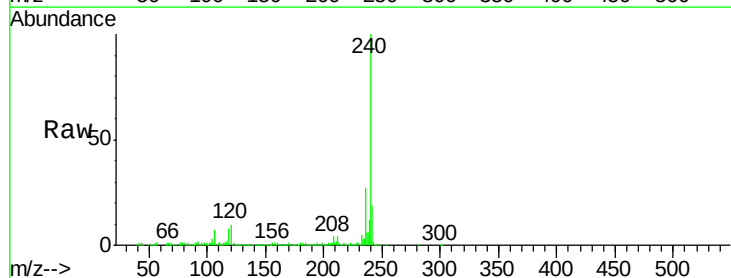
Tgt Ion: 240 Resp: 244264

Ion Ratio Lower Upper

240 100

120 9.8 13.8 20.8#

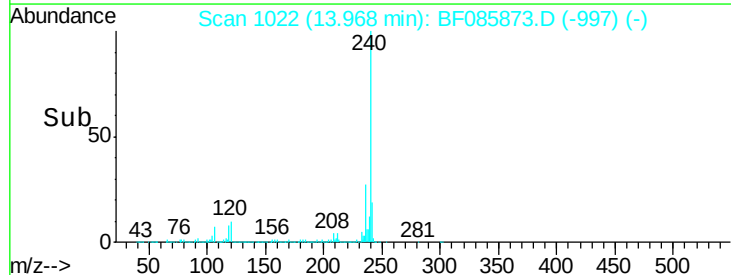
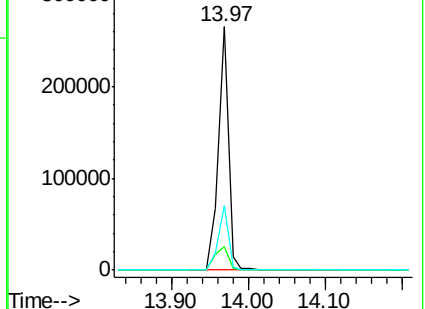
236 26.6 20.6 30.8

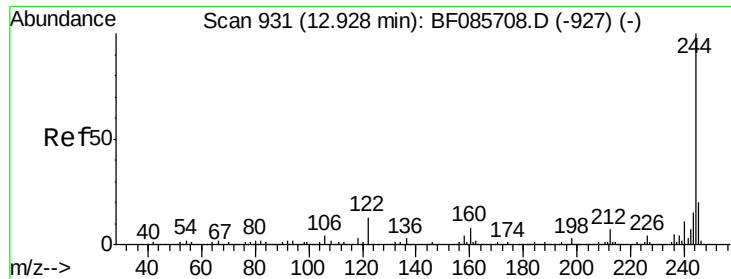


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

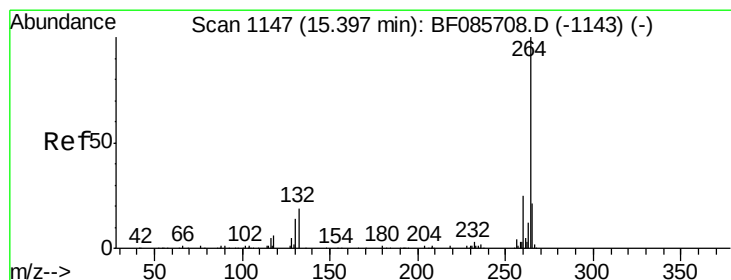
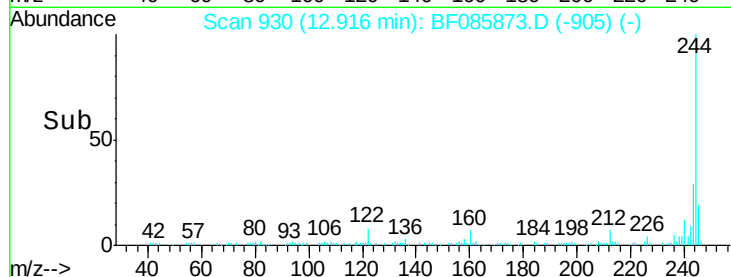
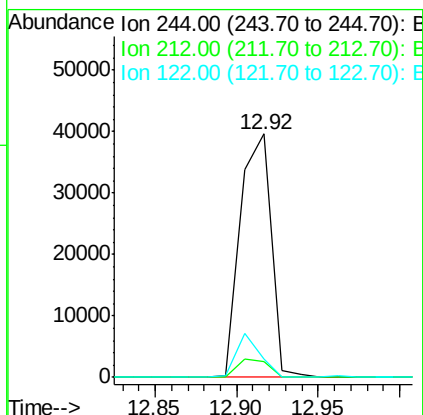
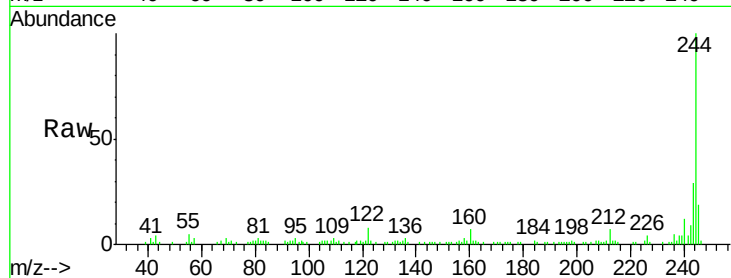




#78
 Terphenyl-d14
 Concen: 4.35 ng
 RT: 12.92 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BF085873.D
 Acq: 30 Mar 2016 2:37

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B10COMP

Tgt Ion:244 Resp: 51651
 Ion Ratio Lower Upper
 244 100
 212 6.5 6.1 9.1
 122 7.7 10.2 15.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF085873.D
 Acq: 30 Mar 2016 2:37

Tgt Ion:264 Resp: 175842
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.4 29.2
 265 21.6 17.2 25.8

