

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
 Data File : BF085874.D
 Acq On : 30 Mar 2016 3:05
 Operator : UM/SJ
 Sample : H1967-02 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B6COMP

Quant Time: Mar 30 03:15:37 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

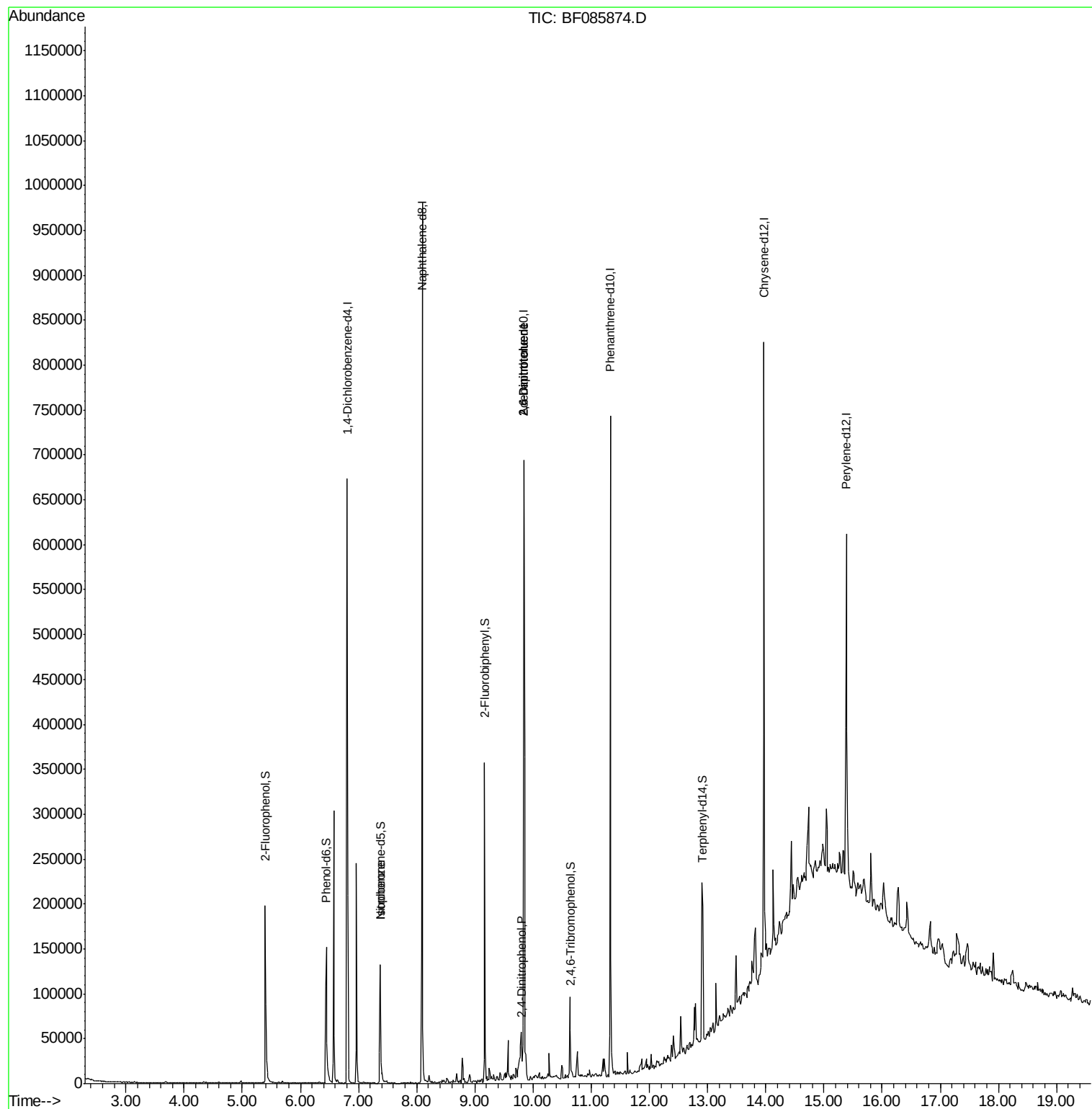
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	104913	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	418518	20.00	ng	-0.02
38) Acenaphthene-d10	9.84	164	150757	20.00	ng	-0.02
63) Phenanthrene-d10	11.33	188	252796	20.00	ng	-0.02
75) Chrysene-d12	13.97	240	249092	20.00	ng	-0.01
86) Perylene-d12	15.39	264	169244	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	77029	12.23	ng	-0.01
7) Phenol-d6	6.45	99	91855	11.47	ng	-0.01
23) Nitrobenzene-d5	7.37	82	52746	7.10	ng	-0.02
41) 2,4,6-Tribromophenol	10.64	330	10549	7.36	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	102418	11.35	ng	-0.02
78) Terphenyl-d14	12.92	244	66874	5.52	ng	-0.01
Target Compounds						
25) Isophorone	7.37	82	44603	3.12	ng	# 68
37) 2-Methylnaphthalene	8.81	142	2429	Below Cal		88
50) 2,6-Dinitrotoluene	9.84	165	19648	7.98	ng	# 20
53) 2,4-Dinitrophenol	9.81	184	274	6.24	ng	# 9
56) 2,4-Dinitrotoluene	9.84	165	19649	6.28	ng	# 38

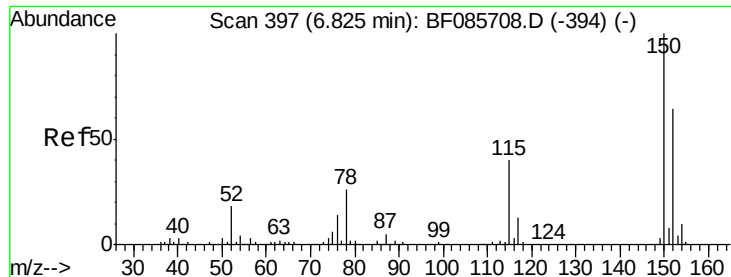
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Mar 28 15:27:05 2016
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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: BF085874.D

Acq: 30 Mar 2016 3:05

Instrument :

BNA_F

ClientSampleId :

TEC-B6COMP

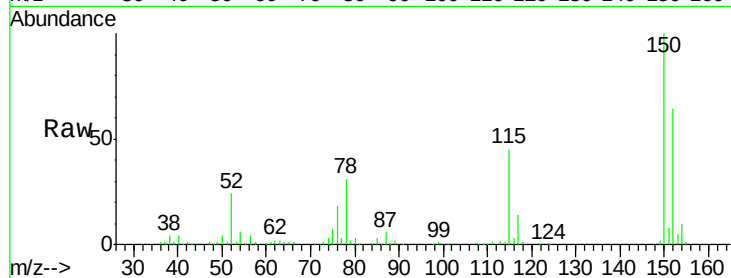
Tgt Ion:152 Resp: 104913

Ion Ratio Lower Upper

152 100

150 156.3 124.2 186.2

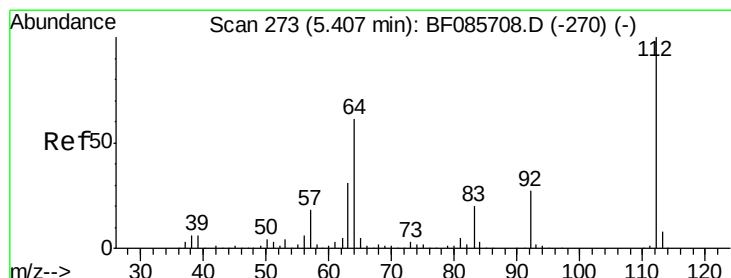
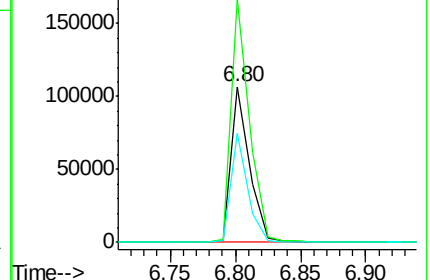
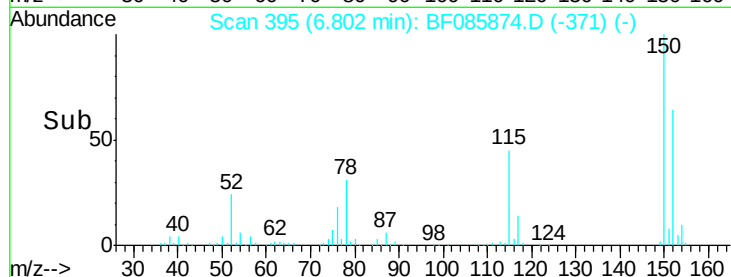
115 70.4 47.0 70.6



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: 12.23 ng

RT: 5.40 min Scan# 272

Delta R.T. -0.01 min

Lab File: BF085874.D

Acq: 30 Mar 2016 3:05

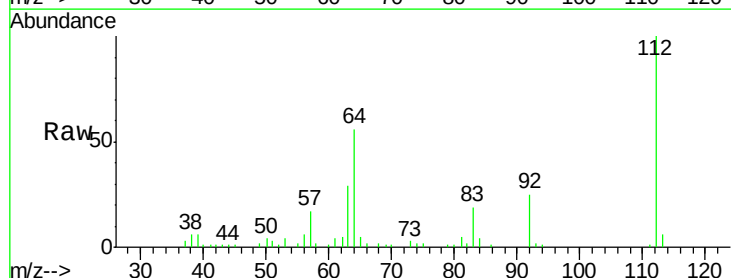
Tgt Ion:112 Resp: 77029

Ion Ratio Lower Upper

112 100

64 56.3 39.9 59.9

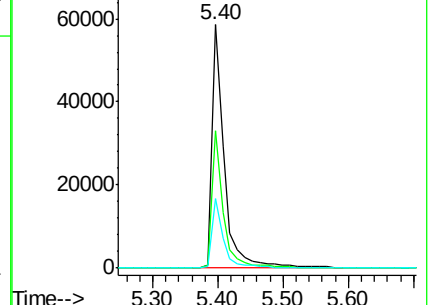
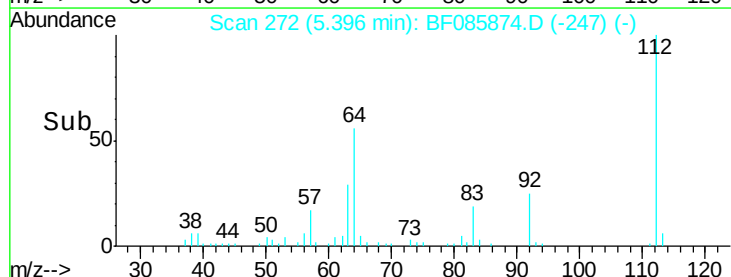
63 28.8 20.2 30.2

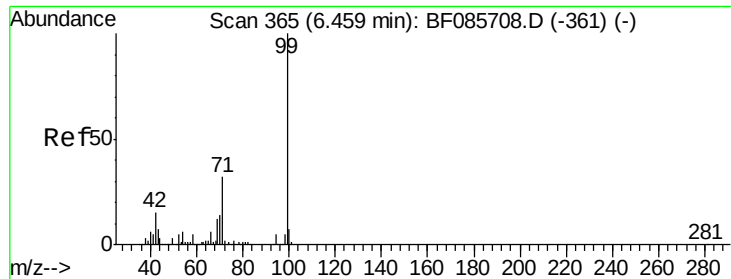


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 11.47 ng

RT: 6.45 min Scan# 364

Delta R.T. -0.01 min

Lab File: BF085874.D

Acq: 30 Mar 2016 3:05

Instrument :

BNA_F

ClientSampleId :

TEC-B6COMP

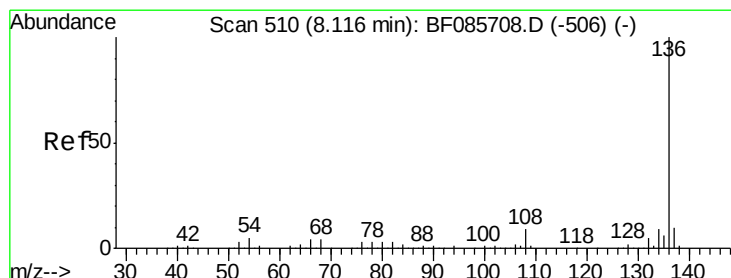
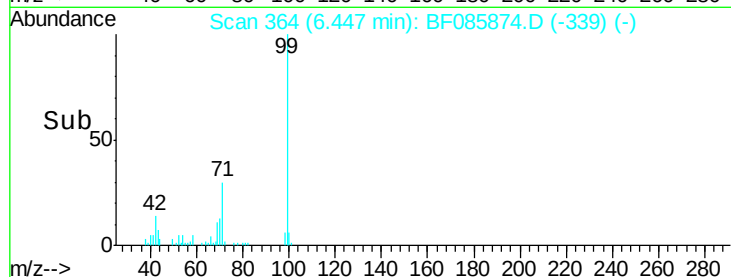
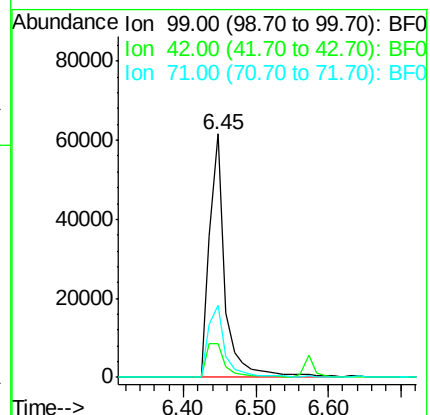
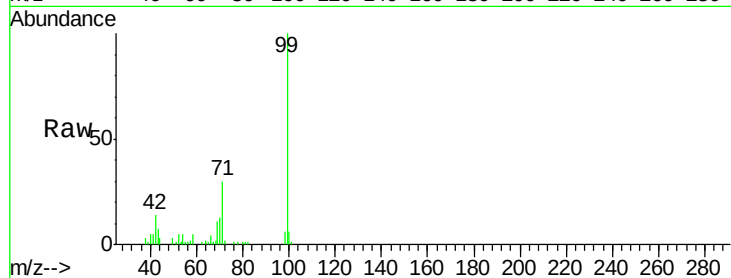
Tgt Ion: 99 Resp: 91855

Ion Ratio Lower Upper

99 100

42 14.0 11.1 16.7

71 29.5 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: BF085874.D

Acq: 30 Mar 2016 3:05

Tgt Ion: 136 Resp: 418518

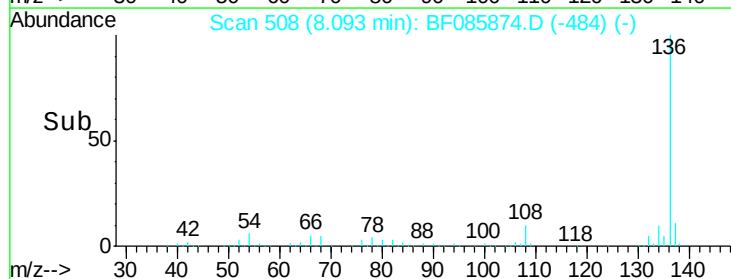
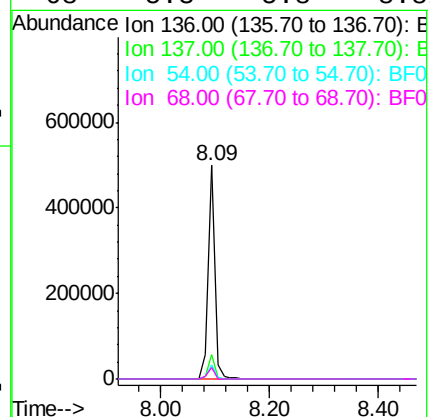
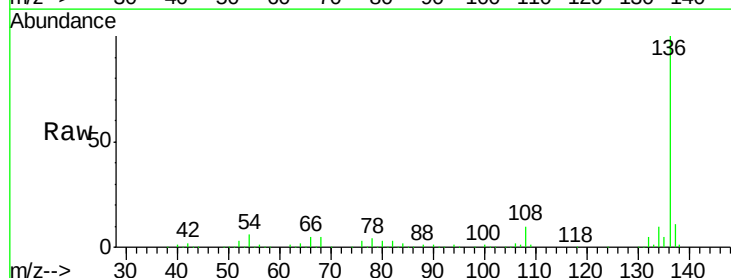
Ion Ratio Lower Upper

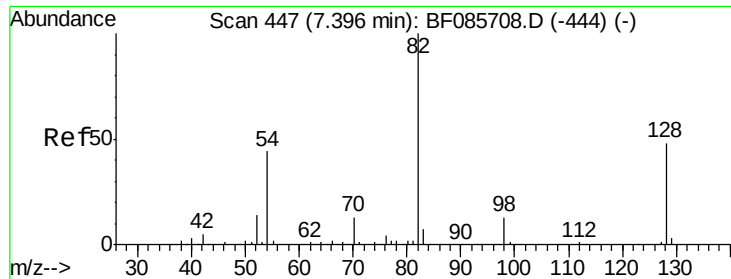
136 100

137 11.2 9.1 13.7

54 6.5 7.4 11.0#

68 5.3 5.8 8.8#

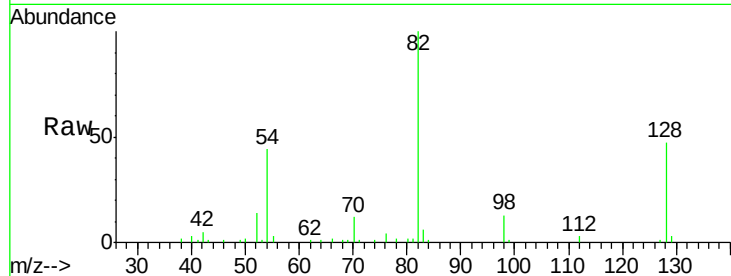




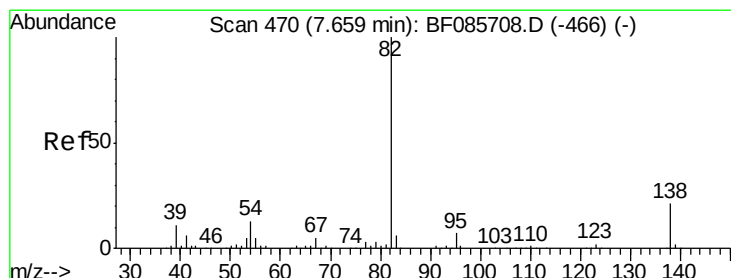
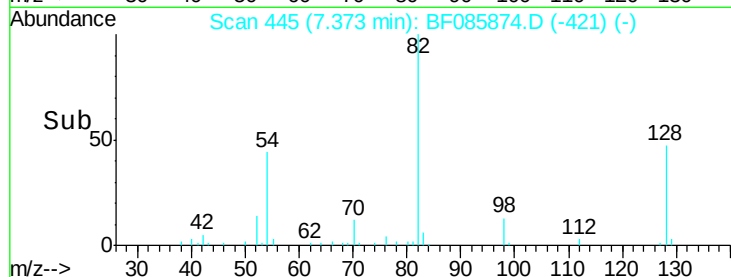
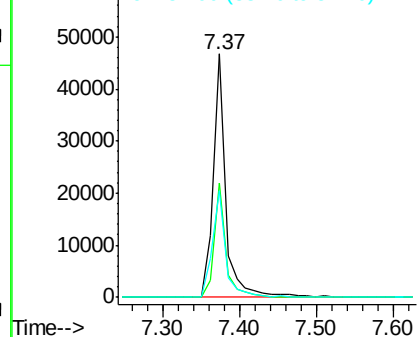
#23
Nitrobenzene-d5
Concen: 7.10 ng
RT: 7.37 min Scan# 445
Delta R.T. -0.02 min
Lab File: BF085874.D
Acq: 30 Mar 2016 3:05

Instrument :
BNA_F
ClientSampleId :
TEC-B6COMP

Tgt Ion: 82 Resp: 52746
Ion Ratio Lower Upper
82 100
128 47.1 41.8 62.8
54 44.0 33.4 50.0

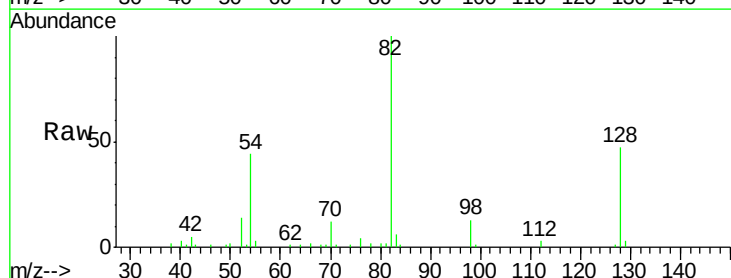


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

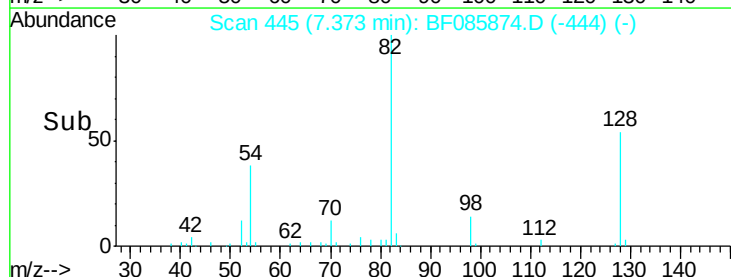
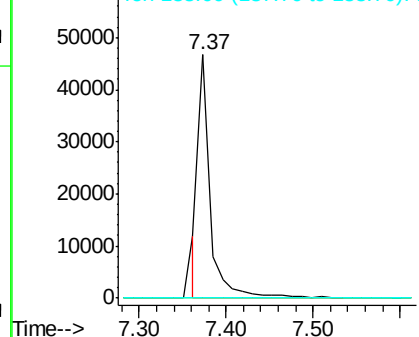


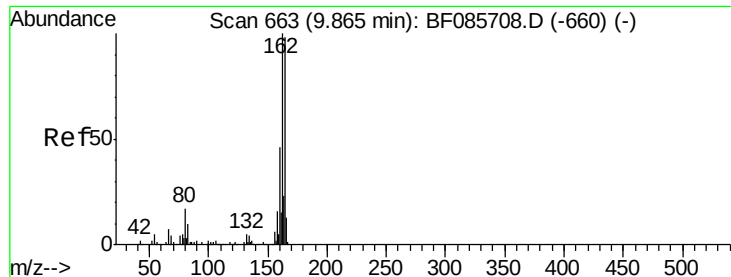
#25
Isophorone
Concen: 3.12 ng
RT: 7.37 min Scan# 445
Delta R.T. -0.29 min
Lab File: BF085874.D
Acq: 30 Mar 2016 3:05

Tgt Ion: 82 Resp: 44603
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 12.9 19.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 661

Delta R.T. -0.02 min

Lab File: BF085874.D

Acq: 30 Mar 2016 3:05

Instrument :

BNA_F

ClientSampleId :

TEC-B6COMP

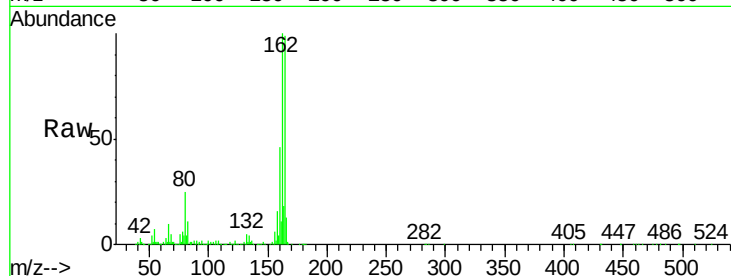
Tgt Ion:164 Resp: 150757

Ion Ratio Lower Upper

164 100

162 100.8 82.1 123.1

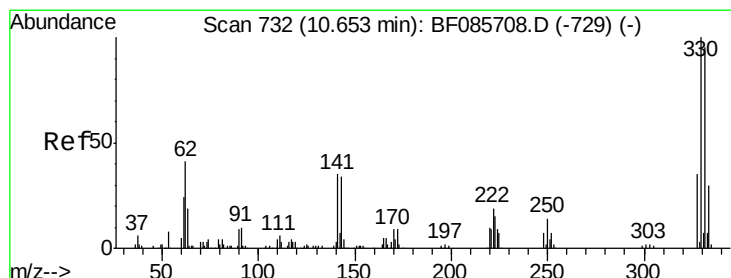
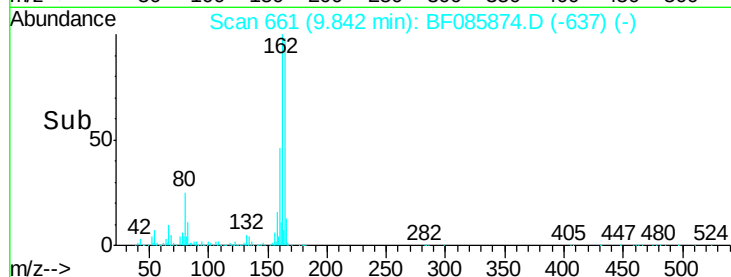
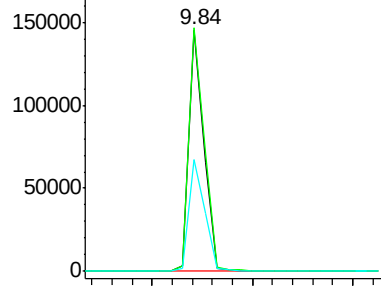
160 46.3 37.4 56.2



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: 7.36 ng

RT: 10.64 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF085874.D

Acq: 30 Mar 2016 3:05

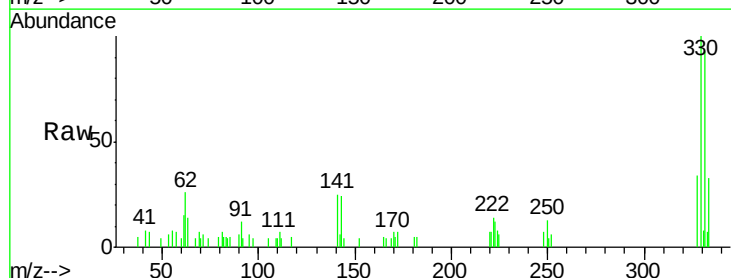
Tgt Ion:330 Resp: 10549

Ion Ratio Lower Upper

330 100

332 96.6 78.2 117.2

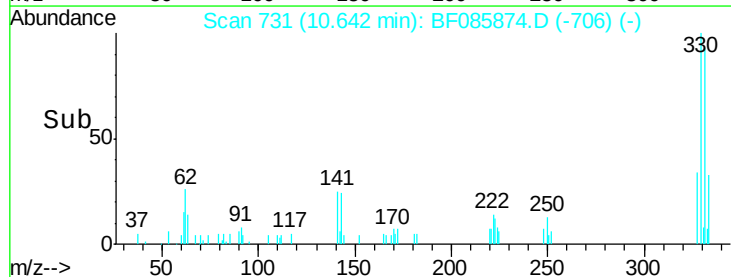
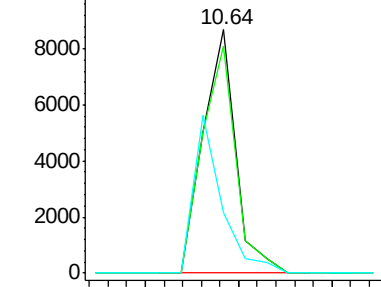
141 56.5 31.5 47.3#

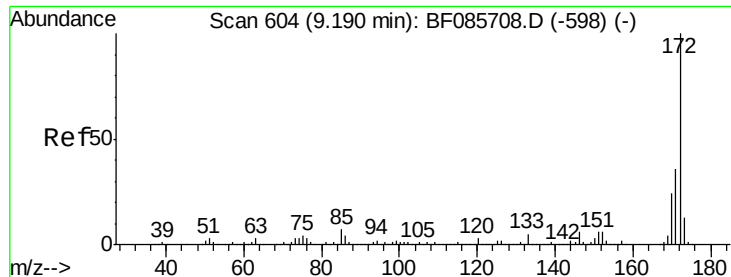


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

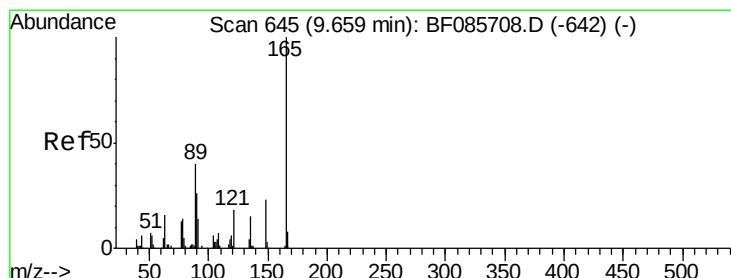
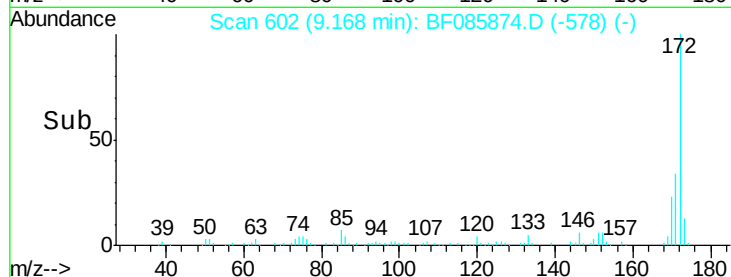
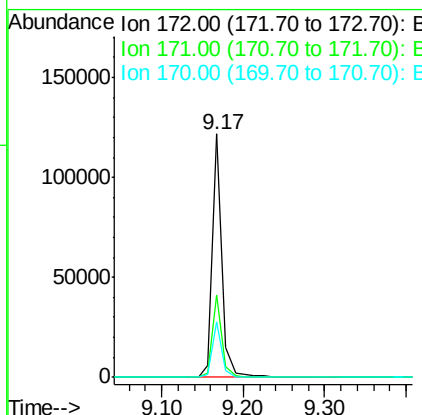
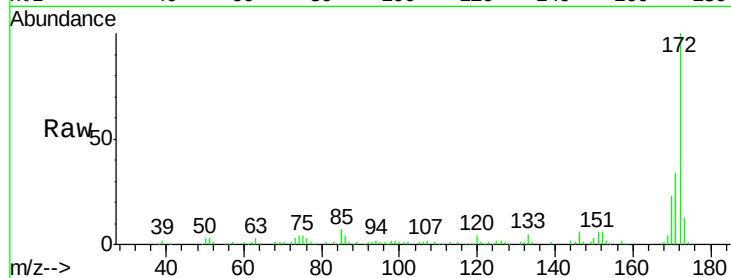




#44
 2-Fluorobiphenyl
 Concen: 11.35 ng
 RT: 9.17 min Scan# 602
 Delta R.T. -0.02 min
 Lab File: BF085874.D
 Acq: 30 Mar 2016 3:05

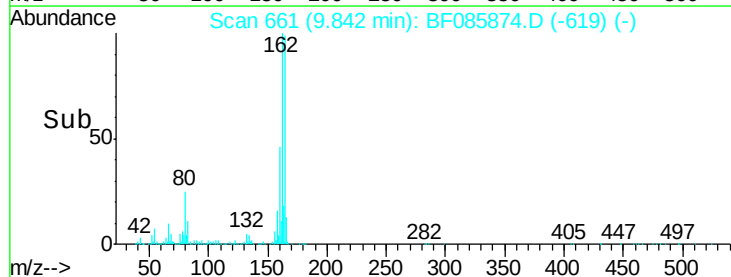
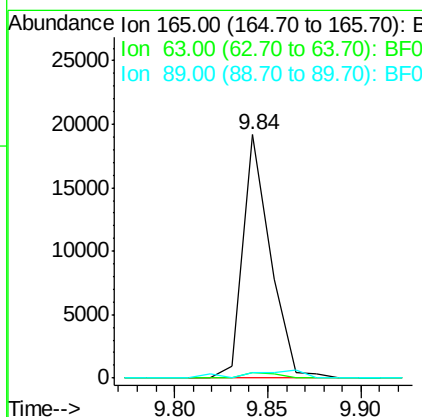
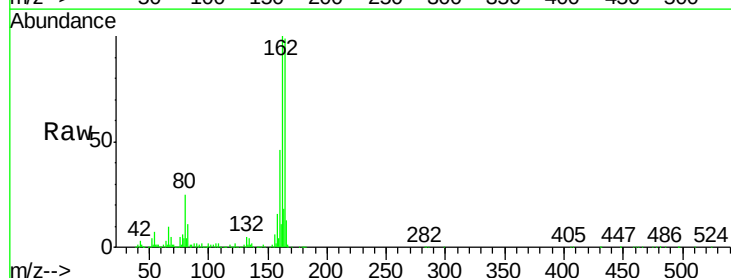
Instrument :
 BNA_F
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 TEC-B6COMP

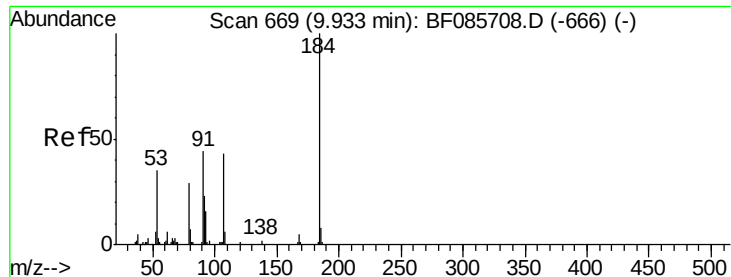
Tgt Ion:172 Resp: 102418
 Ion Ratio Lower Upper
 172 100
 171 33.9 29.4 44.2
 170 22.6 19.8 29.6



#50
 2,6-Dinitrotoluene
 Concen: 7.98 ng
 RT: 9.84 min Scan# 661
 Delta R.T. 0.18 min
 Lab File: BF085874.D
 Acq: 30 Mar 2016 3:05

Tgt Ion:165 Resp: 19648
 Ion Ratio Lower Upper
 165 100
 63 2.2 51.8 77.8#
 89 2.1 53.7 80.5#





#53

2,4-Dinitrophenol

Concen: 6.24 ng

RT: 9.81 min Scan# 658

Delta R.T. -0.13 min

Lab File: BF085874.D

Acq: 30 Mar 2016 3:05

Instrument :

BNA_F

ClientSampleId :

TEC-B6COMP

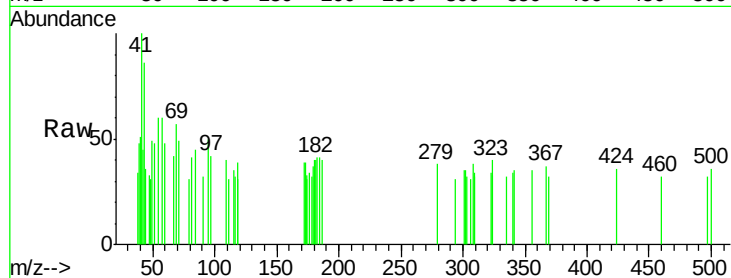
Tgt Ion:184 Resp: 274

Ion Ratio Lower Upper

184 100

63 0.0 69.5 104.3#

154 0.0 58.3 87.5#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

1000

800

600

400

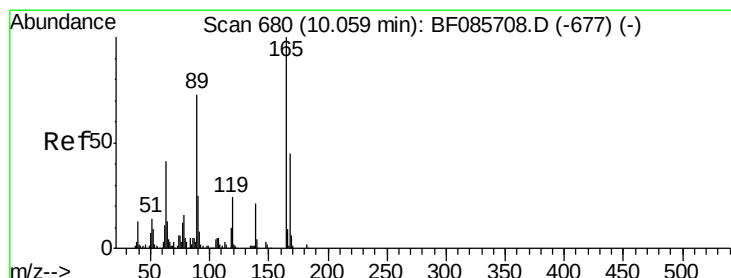
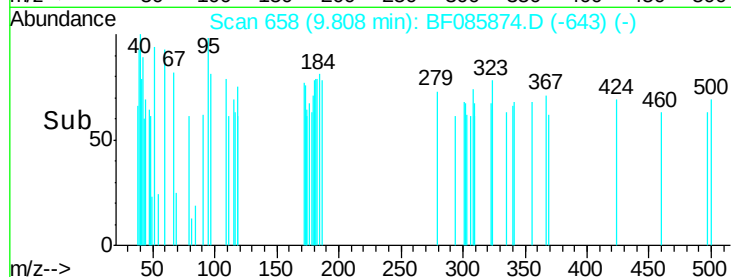
200

0

9.78 9.80 9.82 9.84

9.81

Time-->



#56

2,4-Dinitrotoluene

Concen: 6.28 ng

RT: 9.84 min Scan# 661

Delta R.T. -0.22 min

Lab File: BF085874.D

Acq: 30 Mar 2016 3:05

Tgt Ion:165 Resp: 19649

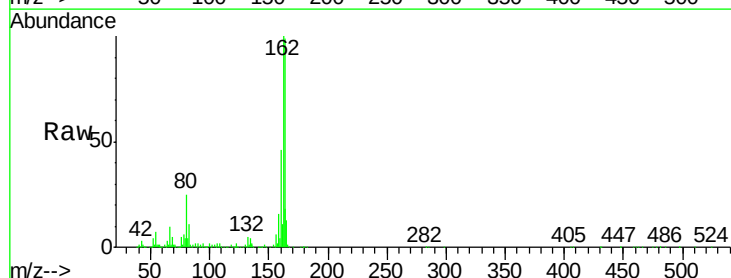
Ion Ratio Lower Upper

165 100

63 2.2 24.9 37.3#

89 2.1 41.0 61.6#

182 2.0 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

30000

25000

20000

15000

10000

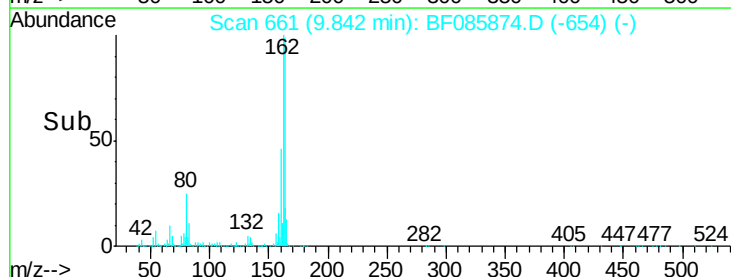
5000

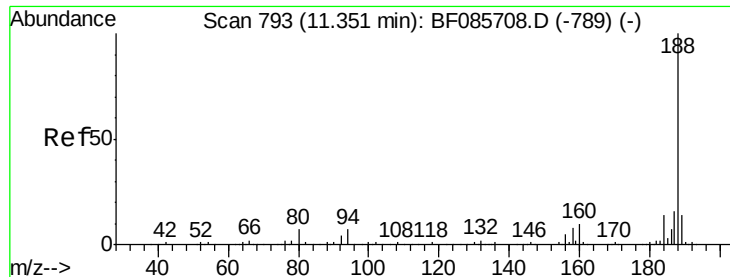
0

9.80 9.85 9.90

9.84

Time-->

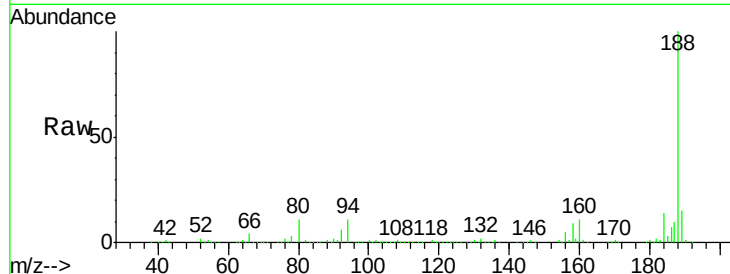




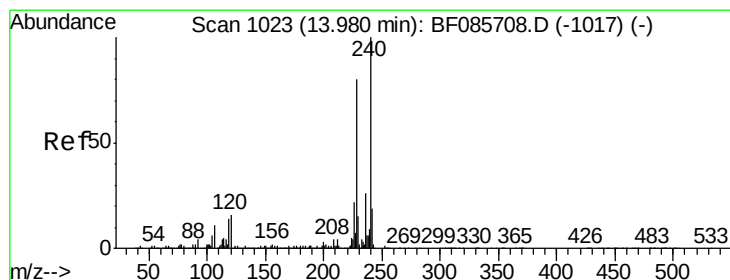
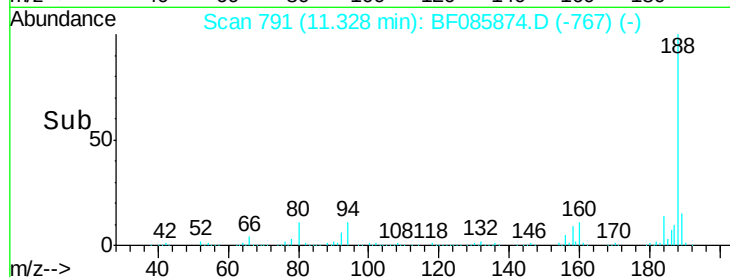
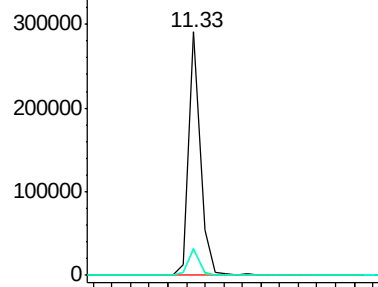
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 791
Delta R.T. -0.02 min
Lab File: BF085874.D
Acq: 30 Mar 2016 3:05

Instrument :
BNA_F
ClientSampleId :
TEC-B6COMP

Tgt Ion:188 Resp: 252796
Ion Ratio Lower Upper
188 100
94 10.7 5.4 8.0#
80 11.0 5.5 8.3#

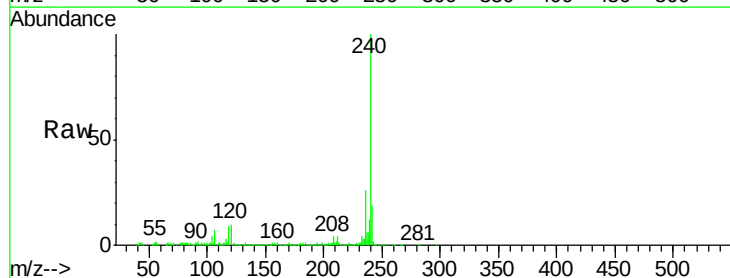


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

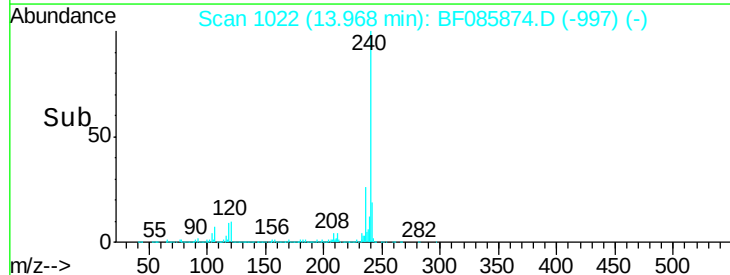
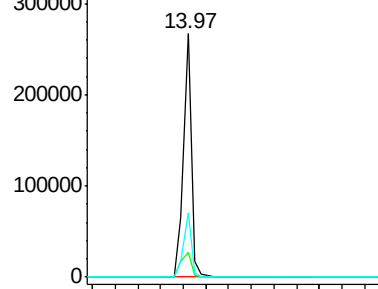


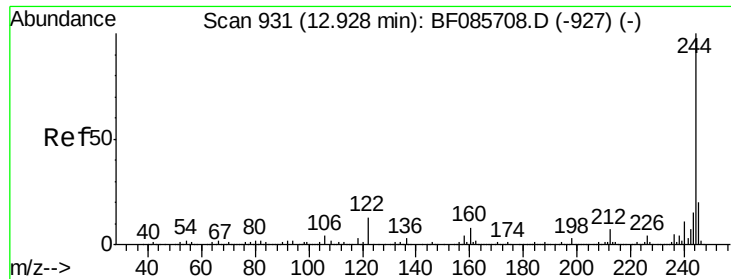
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF085874.D
Acq: 30 Mar 2016 3:05

Tgt Ion:240 Resp: 249092
Ion Ratio Lower Upper
240 100
120 10.4 13.8 20.8#
236 26.2 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

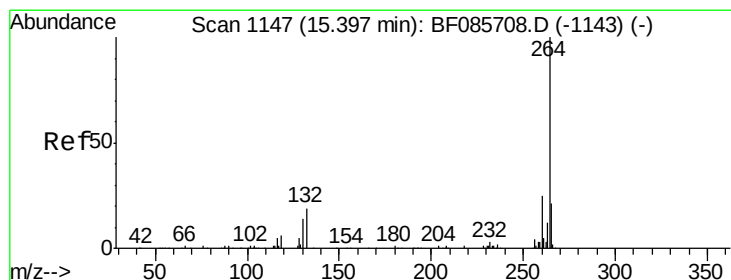
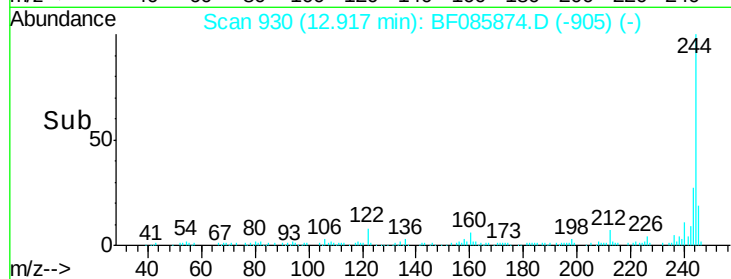
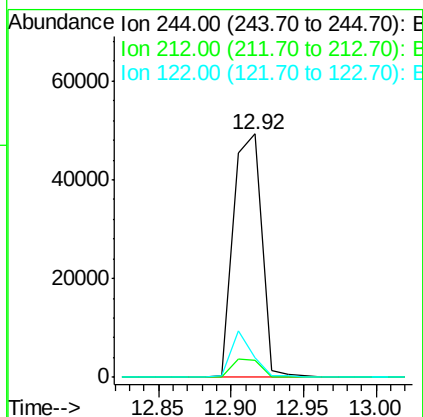
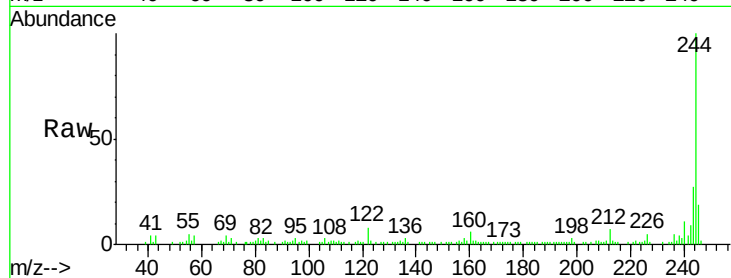




#78
 Terphenyl-d14
 Concen: 5.52 ng
 RT: 12.92 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BF085874.D
 Acq: 30 Mar 2016 3:05

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B6COMP

Tgt Ion:244 Resp: 66874
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.1 9.1
 122 8.0 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: BF085874.D
 Acq: 30 Mar 2016 3:05

Tgt Ion:264 Resp: 169244
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.2
 265 21.7 17.2 25.8

