

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021416\
 Data File : BF085073.D
 Acq On : 13 Feb 2016 8:30
 Operator : SJ/IZ
 Sample : H1409-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B002(6-8)

Quant Time: Feb 15 00:57:27 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 13 00:11:18 2016
 Response via : Initial Calibration

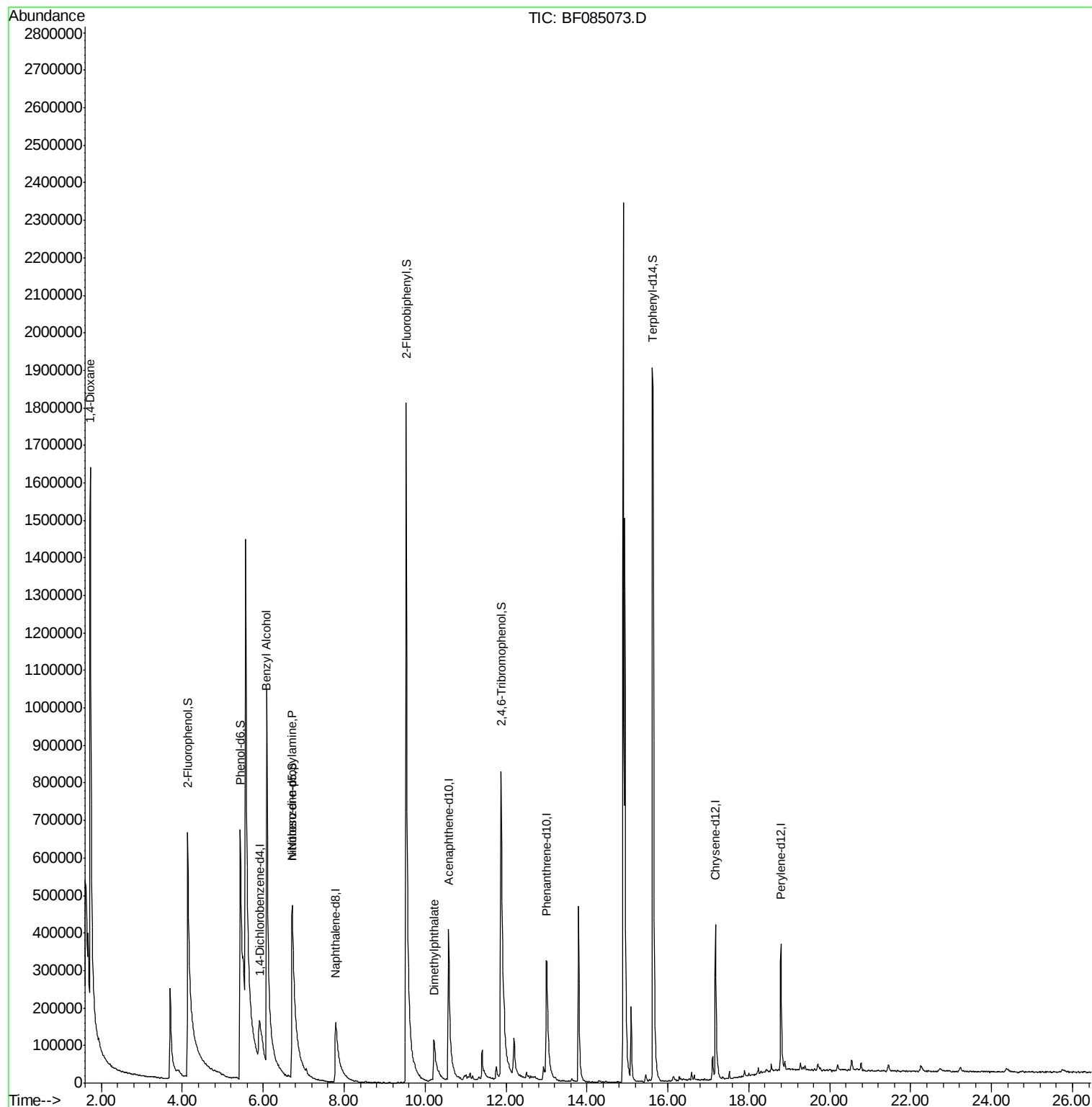
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.91	152	115000	20.00	ng	0.02
21) Naphthalene-d8	7.79	136	538461	20.00	ng	0.00
38) Acenaphthene-d10	10.58	164	273712	20.00	ng	0.00
63) Phenanthrene-d10	12.99	188	503479	20.00	ng	0.00
75) Chrysene-d12	17.18	240	339777	20.00	ng	0.00
86) Perylene-d12	18.80	264	270556	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.14	112	1020787	155.21	ng	-0.02
7) Phenol-d6	5.43	99	1506266	171.84	ng	-0.01
23) Nitrobenzene-d5	6.72	82	953967	104.62	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	402686	142.44	ng	0.00
44) 2-Fluorobiphenyl	9.53	172	1835852	95.88	ng	0.00
78) Terphenyl-d14	15.63	244	1486243	90.03	ng	0.01
Target Compounds						
2) 1,4-Dioxane	1.72	88	88440	32.64	ng	# 15
11) bis(2-Chloroethyl)ether	5.58	93	1331	Below Cal		# 1
15) Benzyl Alcohol	6.08	79	15402	2.88	ng	# 54
19) n-Nitroso-di-n-propylamine	6.72	70	84176	15.24	ng	# 75
49) Dimethylphthalate	10.22	163	251364	12.25	ng	98

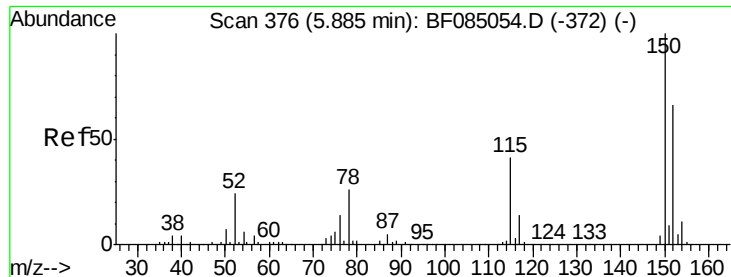
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Feb 13 00:11:18 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.91 min Scan# 378

Delta R.T. 0.02 min

Lab File: BF085073.D

Acq: 13 Feb 2016 8:30

Instrument :

BNA_F

ClientSampleId :

SUP-B002(6-8)

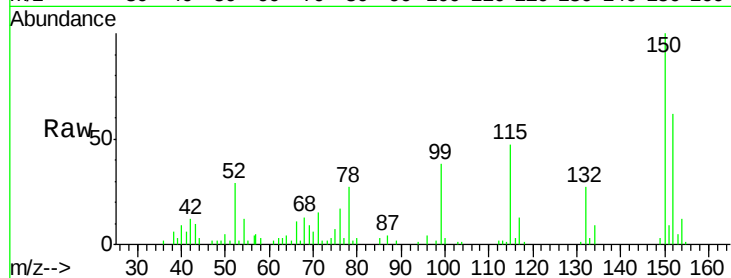
Tgt Ion:152 Resp: 115000

Ion Ratio Lower Upper

152 100

150 161.3 127.4 191.2

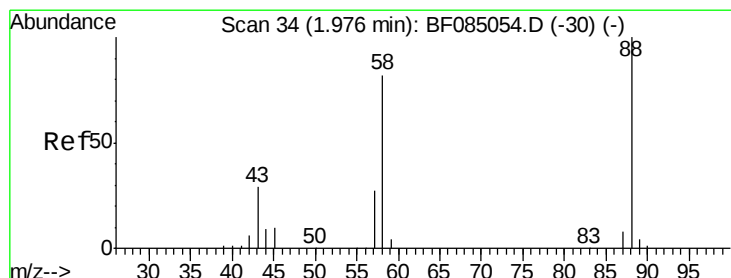
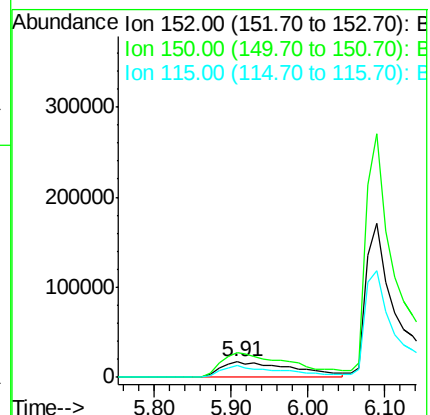
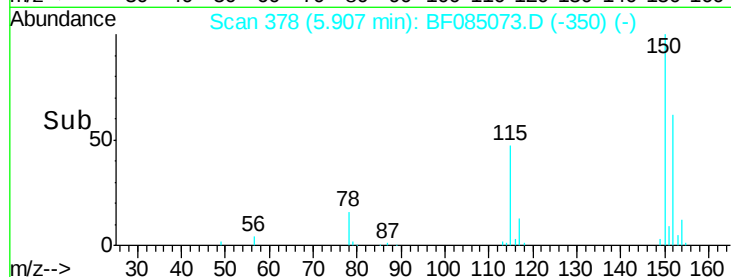
115 75.0 50.5 75.7



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: 32.64 ng

RT: 1.72 min Scan# 12

Delta R.T. -0.25 min

Lab File: BF085073.D

Acq: 13 Feb 2016 8:30

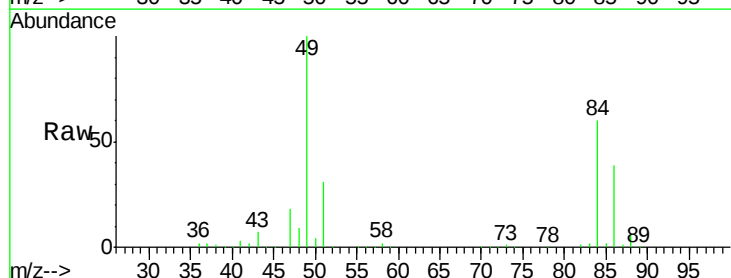
Tgt Ion: 88 Resp: 88440

Ion Ratio Lower Upper

88 100

58 0.0 70.9 106.3#

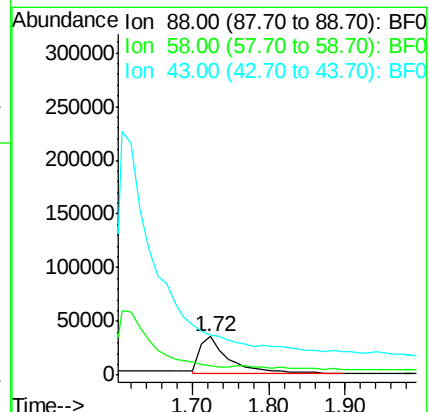
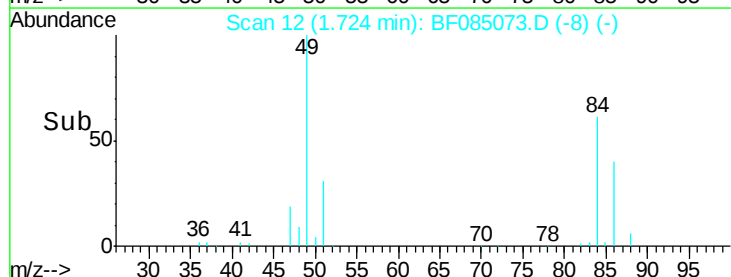
43 0.0 25.9 38.9#

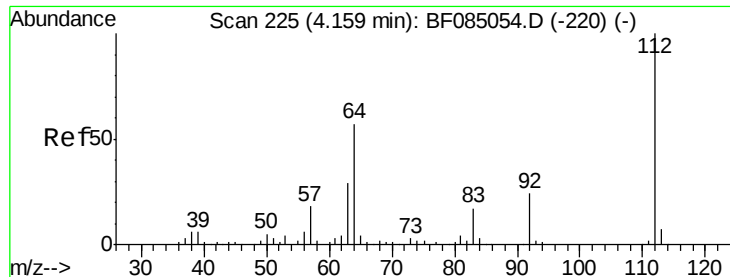


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 155.21 ng

RT: 4.14 min Scan# 223

Delta R.T. -0.02 min

Lab File: BF085073.D

Acq: 13 Feb 2016 8:30

Instrument :

BNA_F

ClientSampleId :

SUP-B002(6-8)

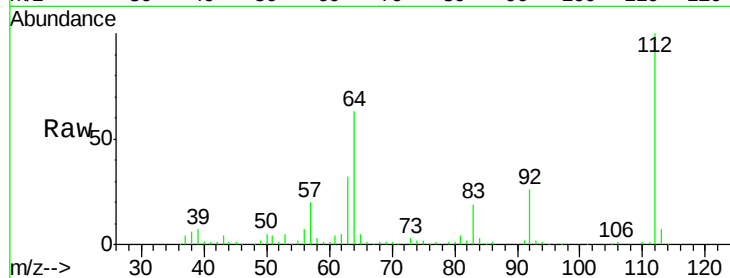
Tgt Ion: 112 Resp: 1020787

Ion Ratio Lower Upper

112 100

64 62.9 45.4 68.2

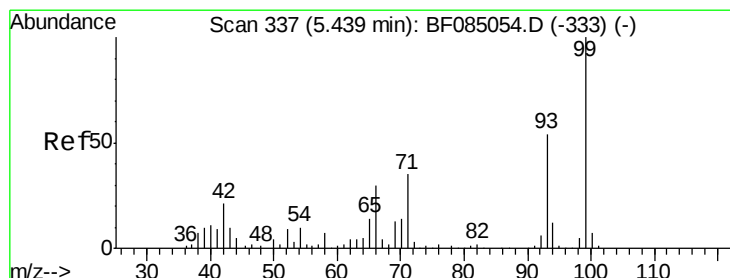
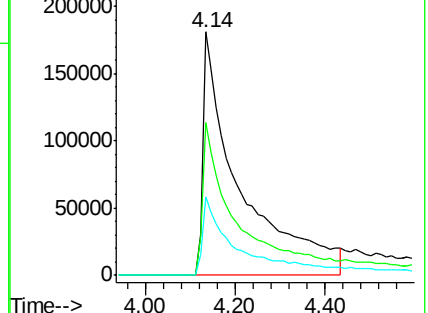
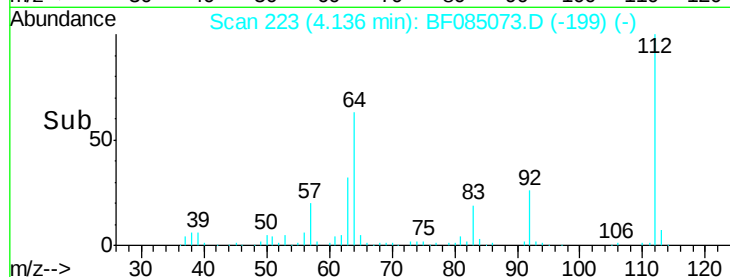
63 32.3 23.2 34.8



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: 171.84 ng

RT: 5.43 min Scan# 336

Delta R.T. -0.01 min

Lab File: BF085073.D

Acq: 13 Feb 2016 8:30

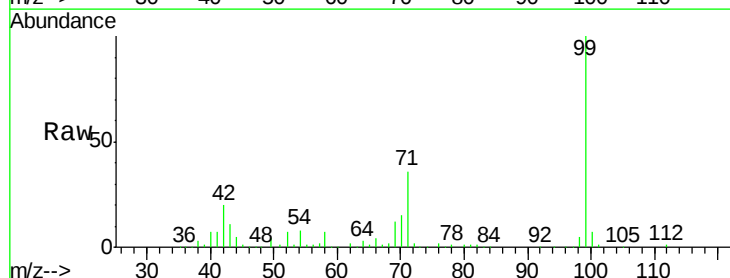
Tgt Ion: 99 Resp: 1506266

Ion Ratio Lower Upper

99 100

42 20.2 17.0 25.4

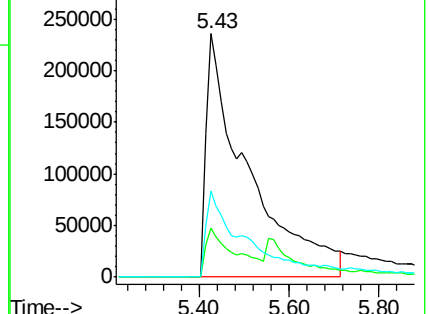
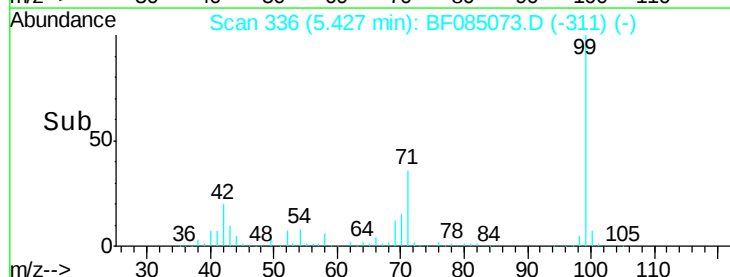
71 35.5 28.3 42.5

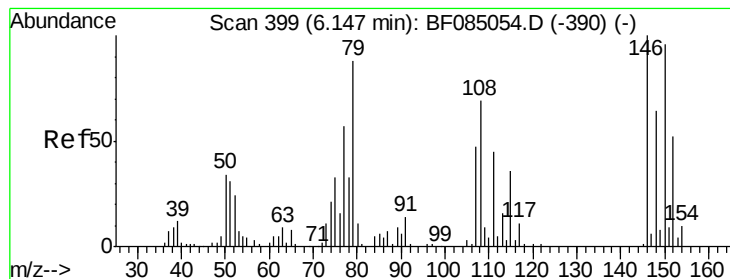


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#15

Benzyl Alcohol

Concen: 2.88 ng

RT: 6.08 min Scan# 393

Delta R.T. -0.07 min

Lab File: BF085073.D

Acq: 13 Feb 2016 8:30

Instrument :

BNA_F

ClientSampleId :

SUP-B002(6-8)

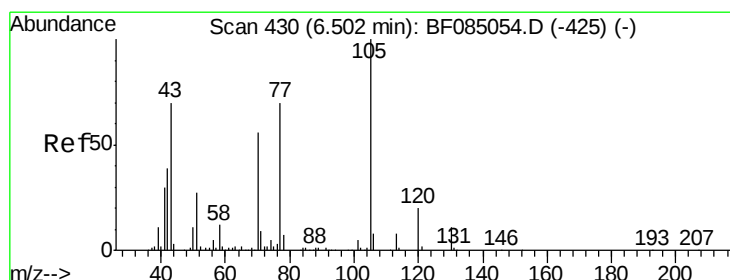
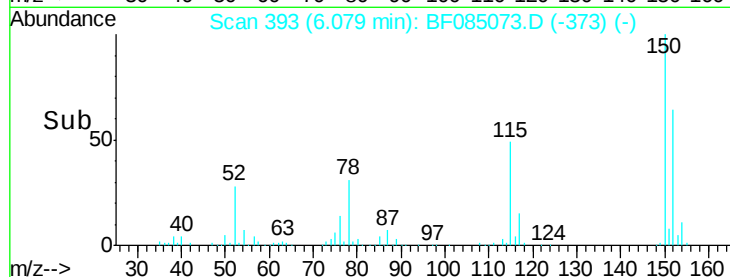
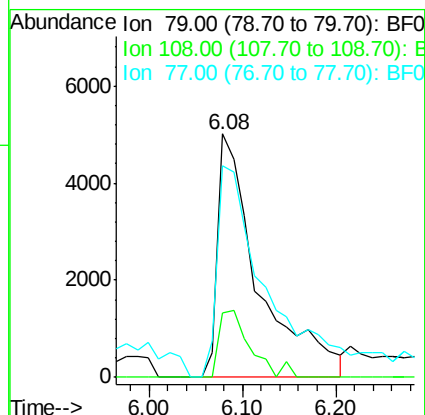
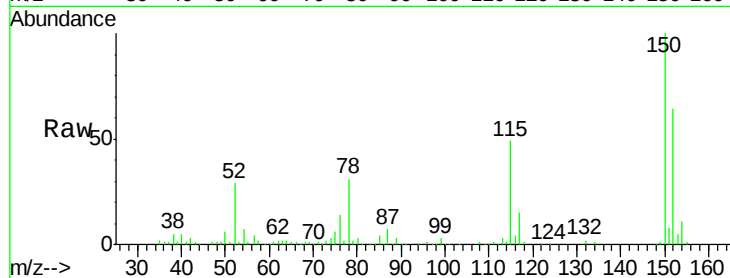
Tgt Ion: 79 Resp: 15402

Ion Ratio Lower Upper

79 100

108 26.6 63.4 95.0#

77 86.9 51.8 77.6#



#19

n-Nitroso-di-n-propylamine

Concen: 15.24 ng

RT: 6.72 min Scan# 449

Delta R.T. 0.22 min

Lab File: BF085073.D

Acq: 13 Feb 2016 8:30

Tgt Ion: 70 Resp: 84176

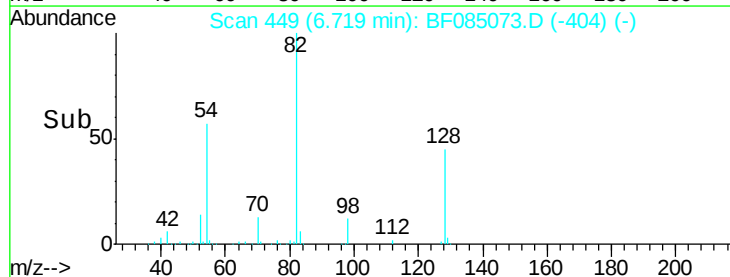
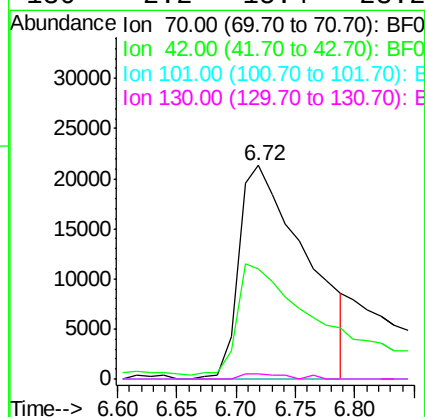
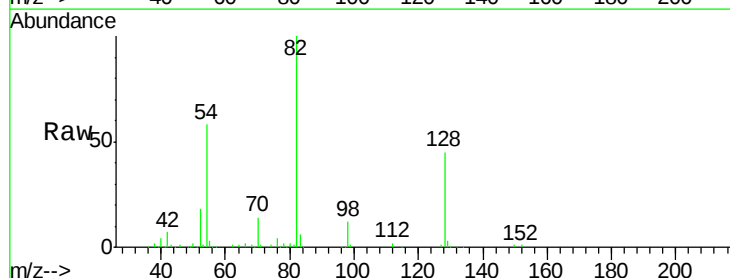
Ion Ratio Lower Upper

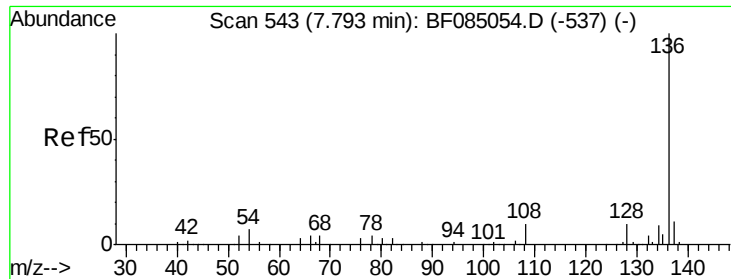
70 100

42 51.7 55.8 83.6#

101 0.0 7.7 11.5#

130 2.2 15.4 23.2#

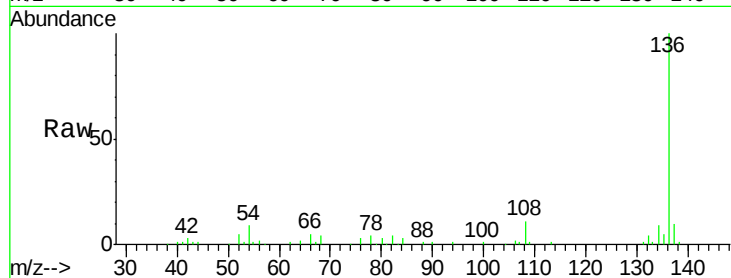




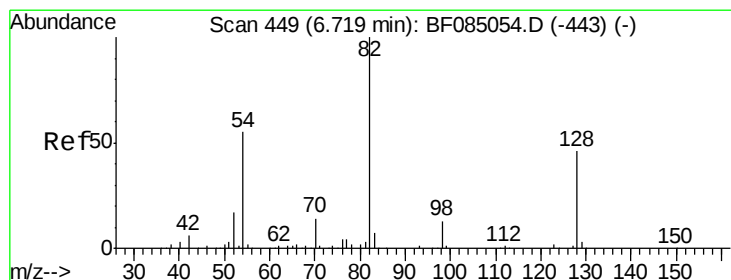
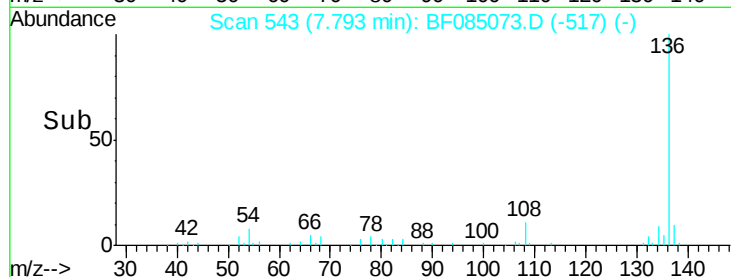
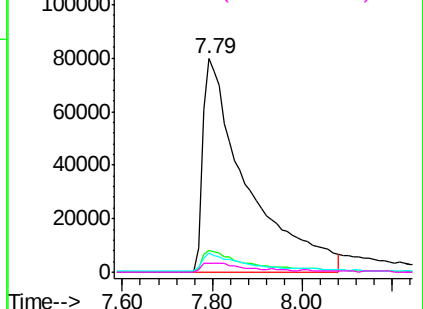
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.79 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF085073.D
Acq: 13 Feb 2016 8:30

Instrument :
BNA_F
ClientSampleId :
SUP-B002(6-8)

Tgt Ion:	136	Resp:	538461
Ion Ratio	Lower	Upper	
136	100		
137	10.1	8.9	13.3
54	8.9	6.1	9.1
68	4.3	3.5	5.3

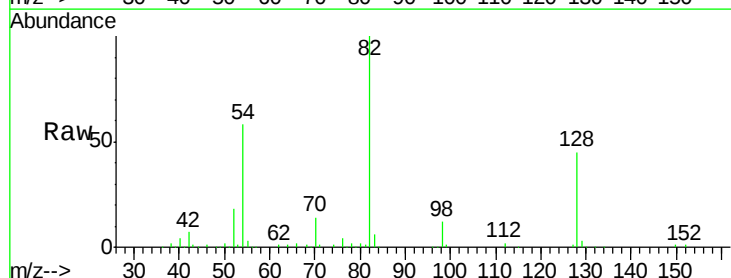


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

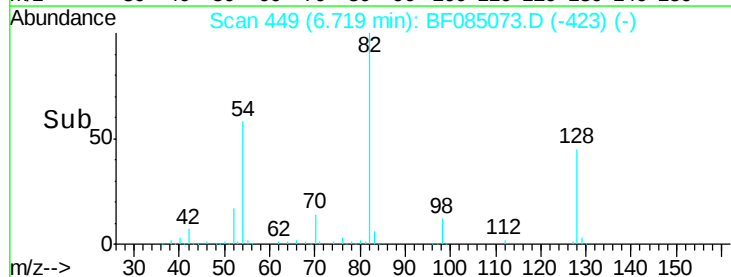
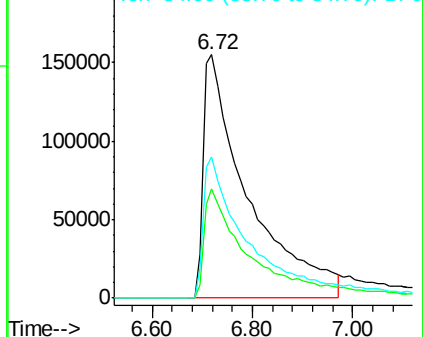


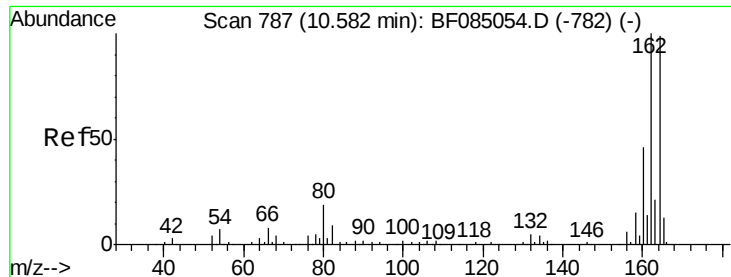
#23
Nitrobenzene-d5
Concen: 104.62 ng
RT: 6.72 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF085073.D
Acq: 13 Feb 2016 8:30

Tgt Ion:	82	Resp:	953967
Ion Ratio	Lower	Upper	
82	100		
128	44.9	36.8	55.2
54	58.1	44.4	66.6



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: 10.58 min Scan# 787

Delta R.T. -0.00 min

Lab File: BF085073.D

Acq: 13 Feb 2016 8:30

Instrument :

BNA_F

ClientSampleId :

SUP-B002(6-8)

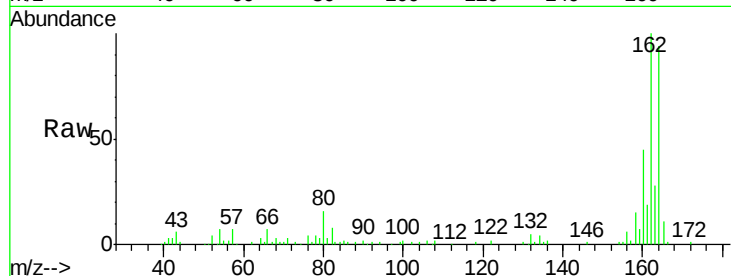
Tgt Ion:164 Resp: 273712

Ion Ratio Lower Upper

164 100

162 106.3 81.1 121.7

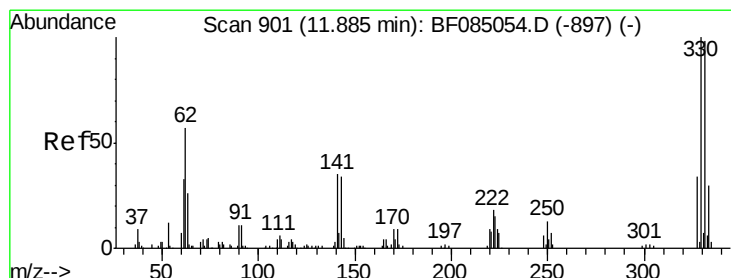
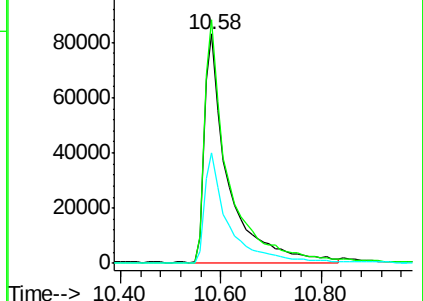
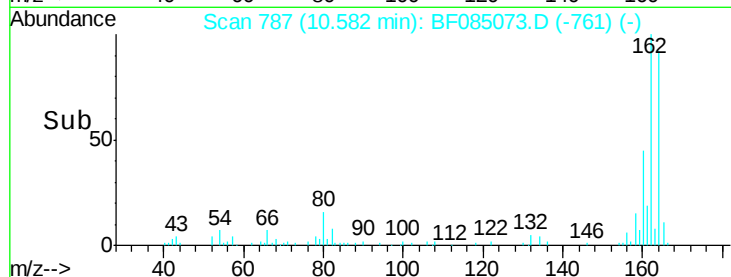
160 48.0 37.4 56.0



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: 142.44 ng

RT: 11.89 min Scan# 901

Delta R.T. -0.00 min

Lab File: BF085073.D

Acq: 13 Feb 2016 8:30

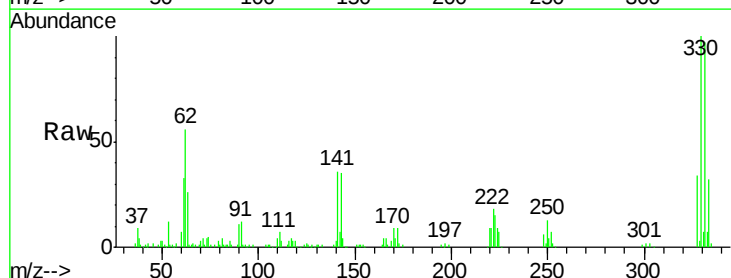
Tgt Ion:330 Resp: 402686

Ion Ratio Lower Upper

330 100

332 97.3 78.5 117.7

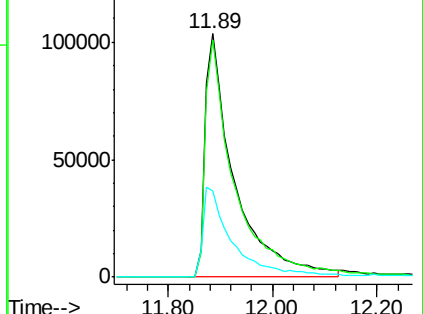
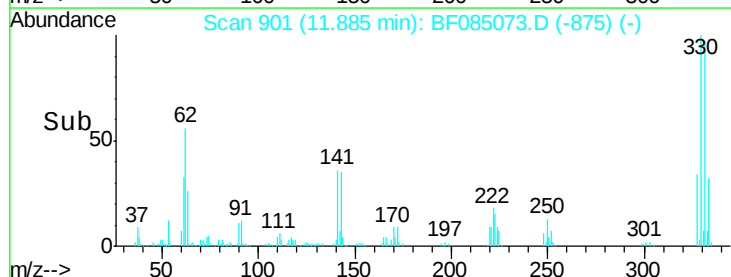
141 38.1 28.6 42.8

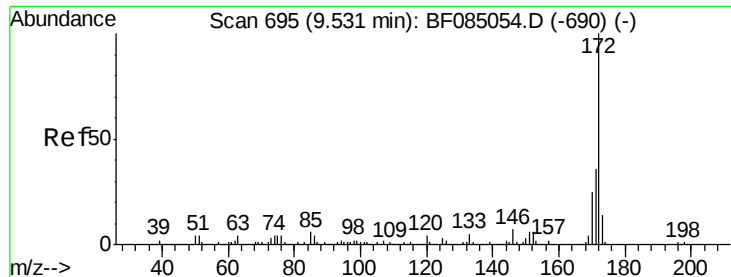


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 95.88 ng

RT: 9.53 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF085073.D

Acq: 13 Feb 2016 8:30

Instrument :

BNA_F

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SUP-B002(6-8)

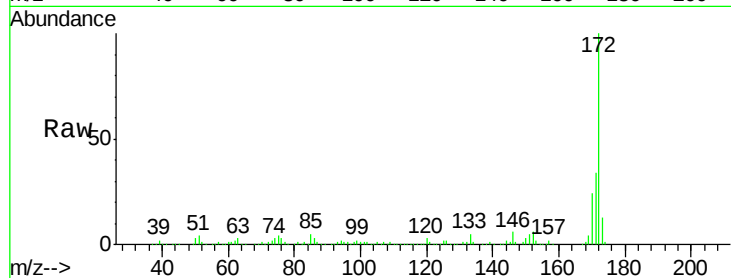
Tgt Ion:172 Resp: 1835852

Ion Ratio Lower Upper

172 100

171 34.4 29.1 43.7

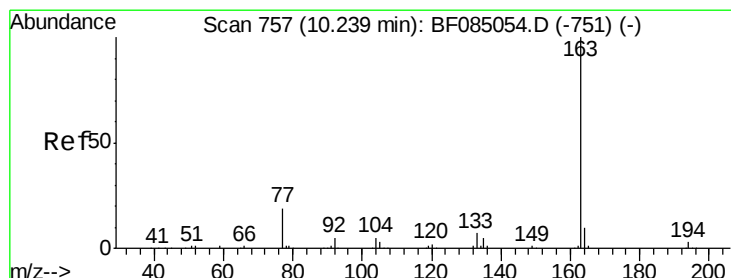
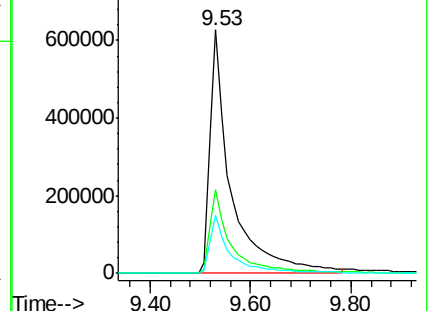
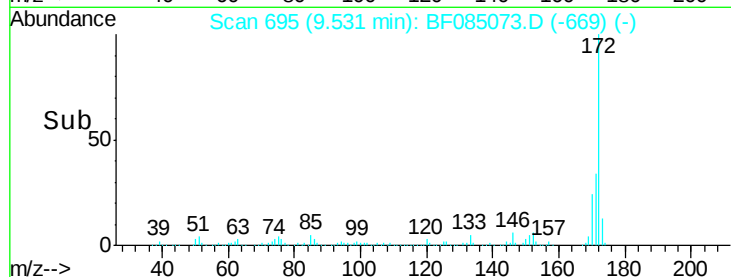
170 23.6 19.6 29.4



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: 12.25 ng

RT: 10.22 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF085073.D

Acq: 13 Feb 2016 8:30

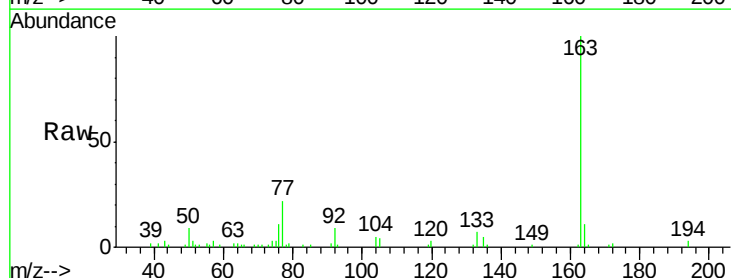
Tgt Ion:163 Resp: 251364

Ion Ratio Lower Upper

163 100

194 3.2 2.5 3.7

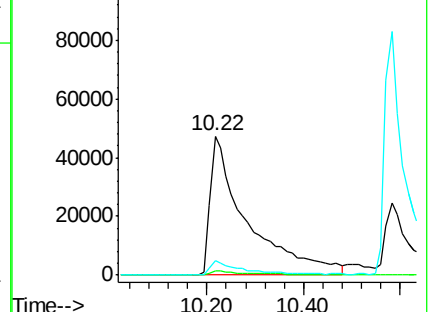
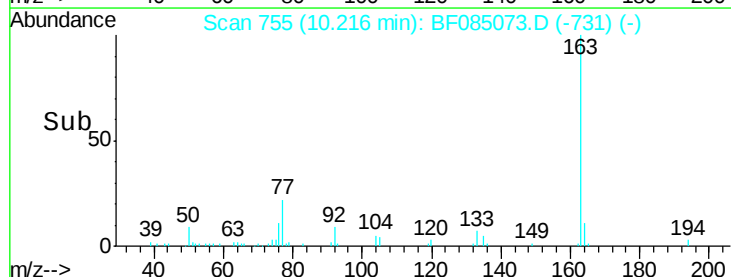
164 10.5 7.8 11.8

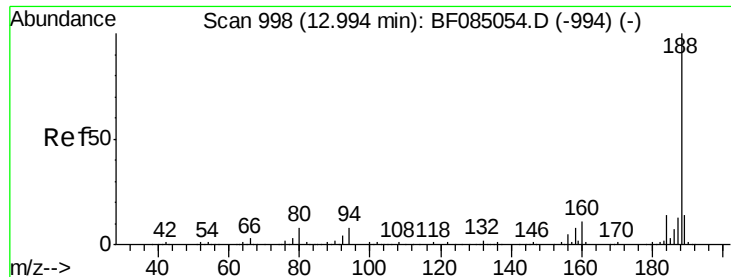


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

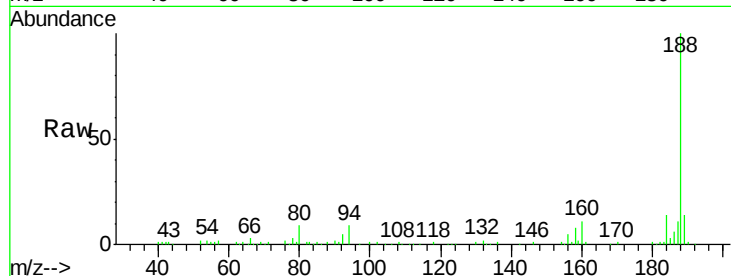




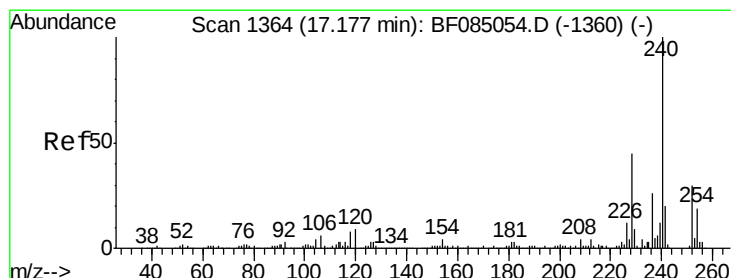
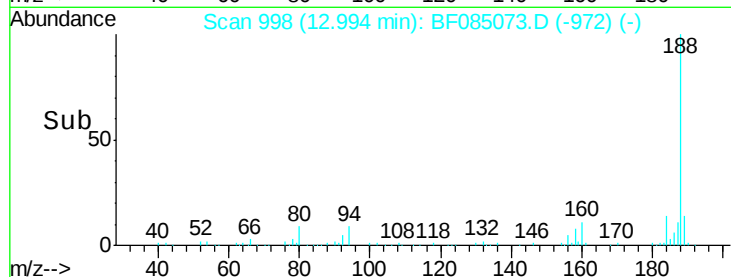
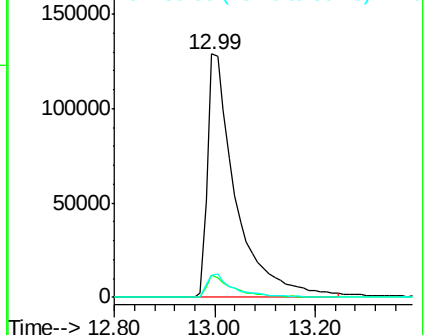
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.99 min Scan# 998
Delta R.T. -0.00 min
Lab File: BF085073.D
Acq: 13 Feb 2016 8:30

Instrument :
BNA_F
ClientSampleId :
SUP-B002(6-8)

Tgt Ion:188 Resp: 503479
Ion Ratio Lower Upper
188 100
94 9.0 6.2 9.2
80 9.0 6.6 9.8

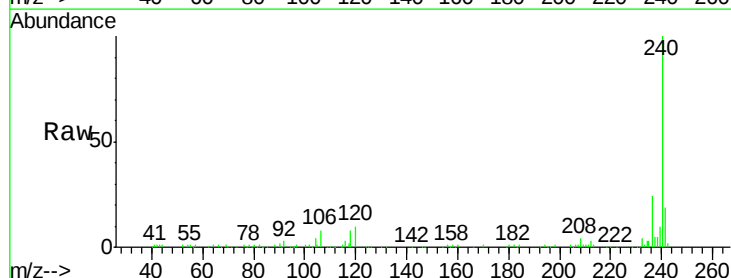


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

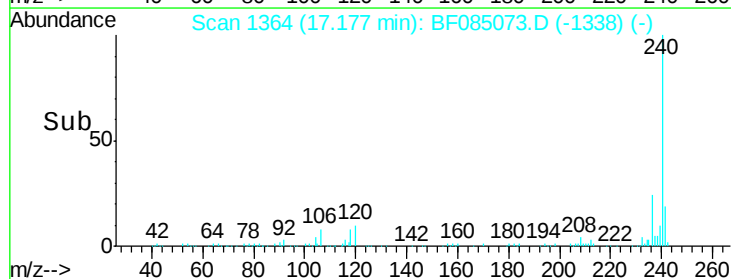
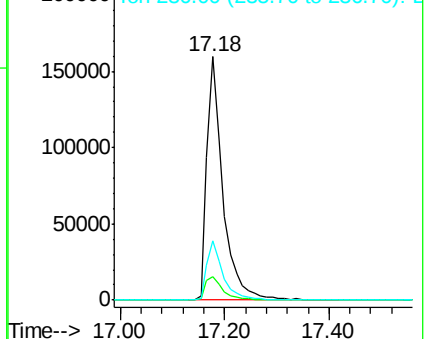


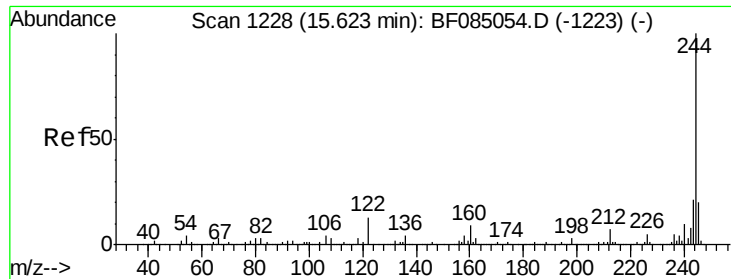
#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.18 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF085073.D
Acq: 13 Feb 2016 8:30

Tgt Ion:240 Resp: 339777
Ion Ratio Lower Upper
240 100
120 9.8 7.0 10.6
236 24.2 20.5 30.7



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

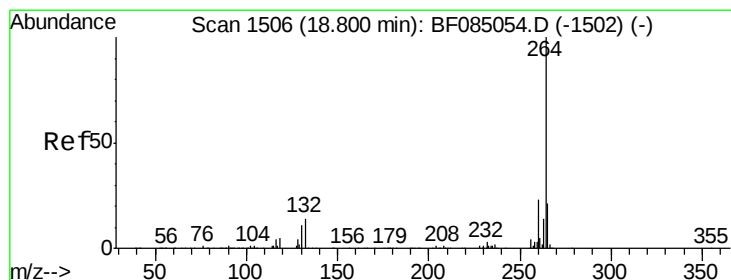
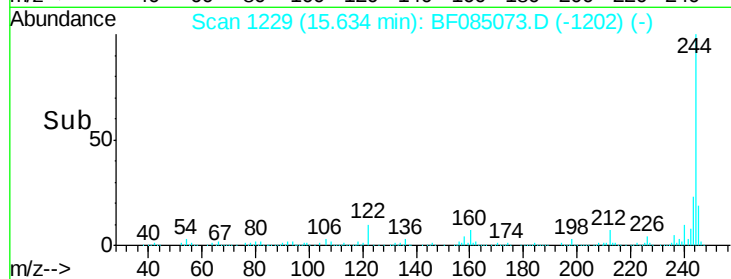
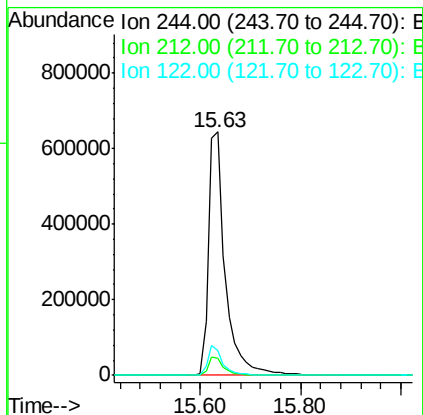
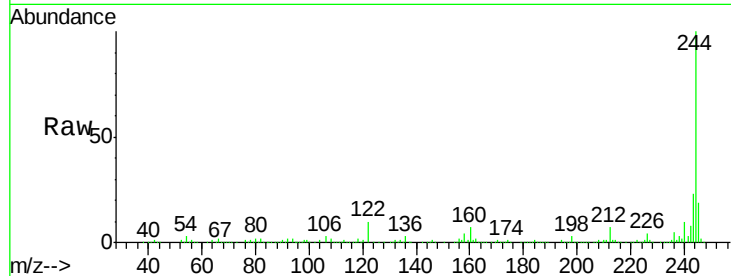




#78
 Terphenyl-d14
 Concen: 90.03 ng
 RT: 15.63 min Scan# 1229
 Delta R.T. 0.01 min
 Lab File: BF085073.D
 Acq: 13 Feb 2016 8:30

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B002(6-8)

Tgt Ion:244 Resp: 1486243
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 9.9 10.1 15.1#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.80 min Scan# 1506
 Delta R.T. -0.00 min
 Lab File: BF085073.D
 Acq: 13 Feb 2016 8:30

Tgt Ion:264 Resp: 270556
 Ion Ratio Lower Upper
 264 100
 260 22.3 18.5 27.7
 265 21.6 16.7 25.1

