

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021416\
 Data File : BF085074.D
 Acq On : 13 Feb 2016 9:05
 Operator : SJ/IZ
 Sample : H1409-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B002(12-13.5)

Quant Time: Feb 15 00:57:39 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

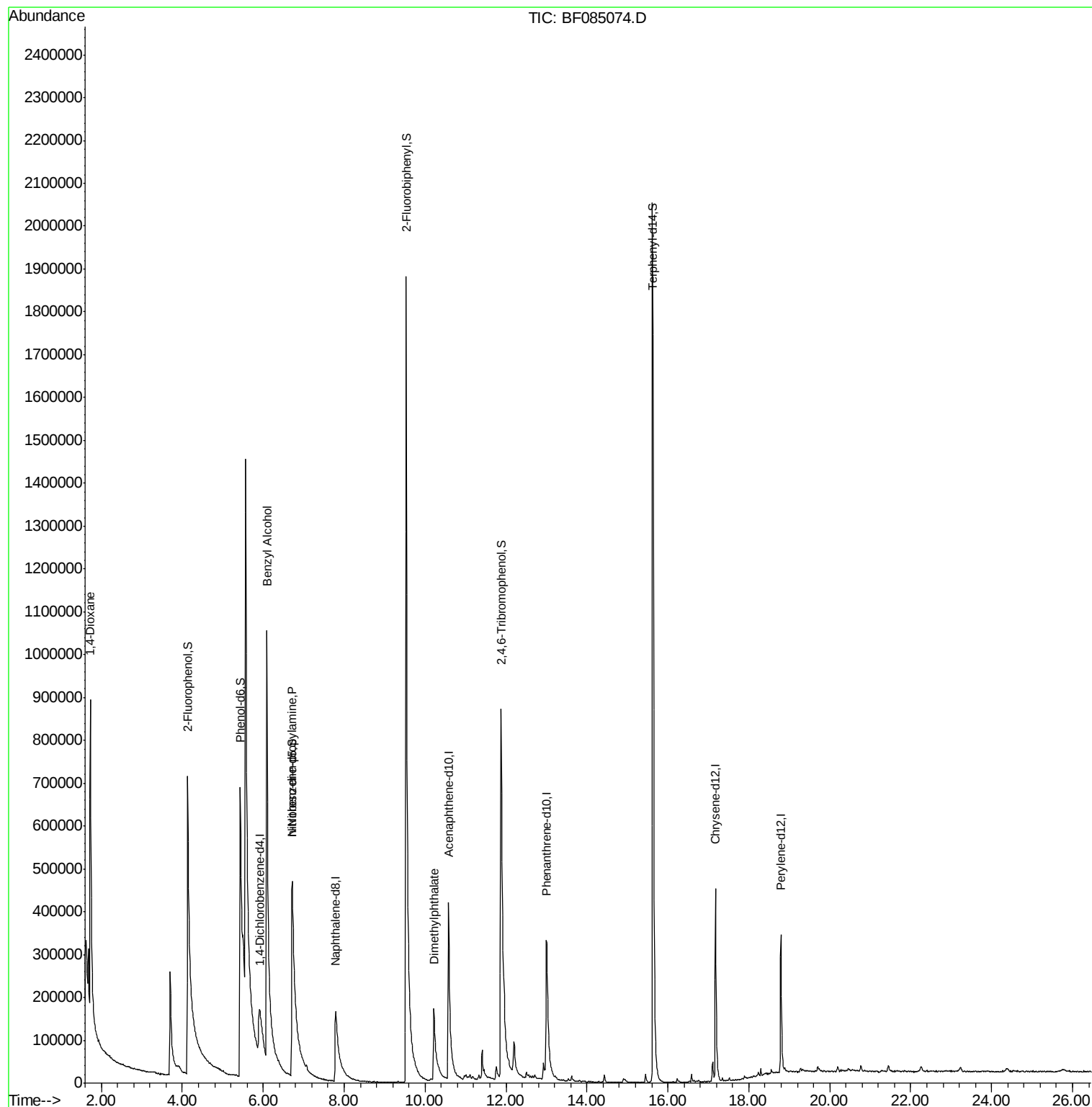
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.92	152	114790	20.00	ng	0.03
21) Naphthalene-d8	7.79	136	556809	20.00	ng	0.00
38) Acenaphthene-d10	10.58	164	279229	20.00	ng	0.00
63) Phenanthrene-d10	12.99	188	531406	20.00	ng	0.00
75) Chrysene-d12	17.18	240	350567	20.00	ng	0.00
86) Perylene-d12	18.80	264	265162	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.14	112	1070575	163.08	ng	-0.02
7) Phenol-d6	5.43	99	1537265	175.70	ng	-0.01
23) Nitrobenzene-d5	6.72	82	964146	102.25	ng	0.00
41) 2,4,6-Tribromophenol	11.88	330	442849	153.55	ng	0.00
44) 2-Fluorobiphenyl	9.53	172	1930456	98.82	ng	0.00
78) Terphenyl-d14	15.62	244	1526188	89.60	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.72	88	40058	14.81	ng	# 15
11) bis(2-Chloroethyl)ether	5.56	93	1016	Below Cal		# 1
15) Benzyl Alcohol	6.09	79	18159	3.40	ng	# 49
19) n-Nitroso-di-n-propylamine	6.72	70	88629	16.08	ng	# 74
49) Dimethylphthalate	10.22	163	361694	17.28	ng	100

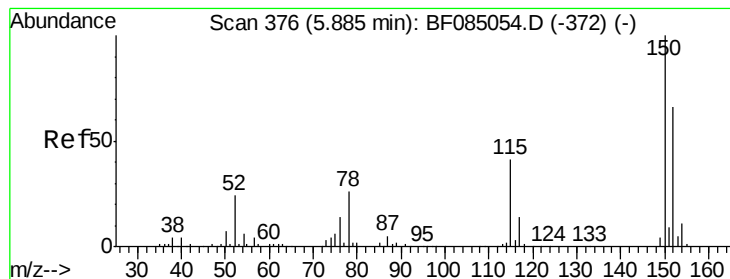
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SUP-B002(12-13.5)

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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: 5.92 min Scan# 379

Delta R.T. 0.03 min

Lab File: BF085074.D

Acq: 13 Feb 2016 9:05

Instrument :

BNA_F

ClientSampleId :

SUP-B002(12-13.5)

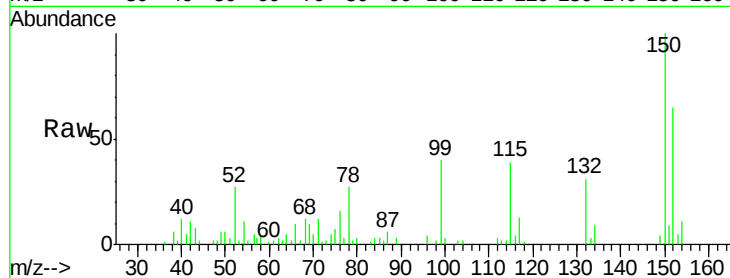
Tgt Ion:152 Resp: 114790

Ion Ratio Lower Upper

152 100

150 154.0 127.4 191.2

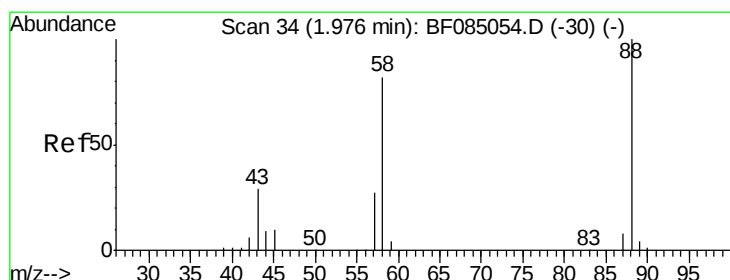
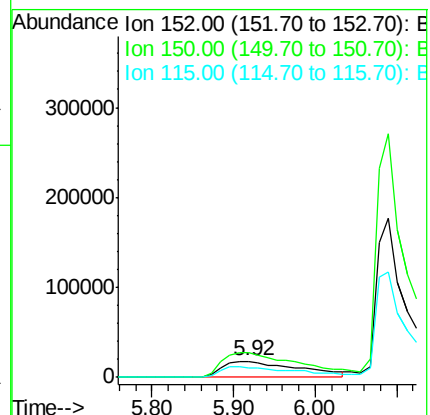
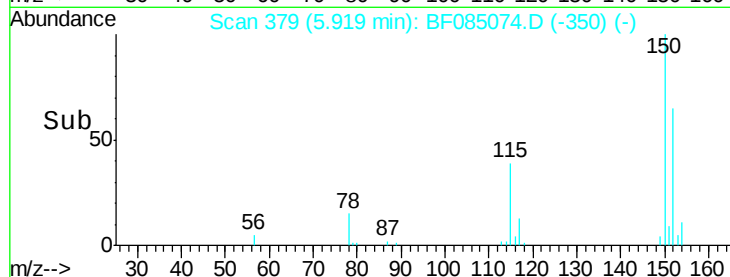
115 60.8 50.5 75.7



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: 14.81 ng

RT: 1.72 min Scan# 12

Delta R.T. -0.25 min

Lab File: BF085074.D

Acq: 13 Feb 2016 9:05

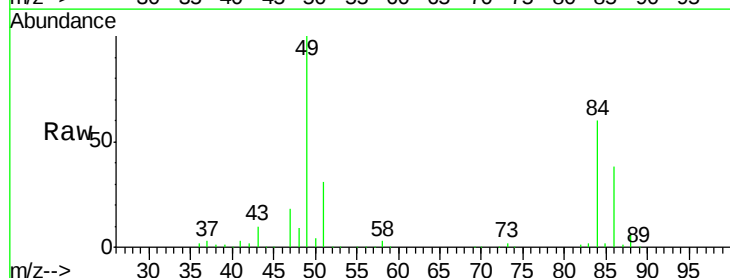
Tgt Ion: 88 Resp: 40058

Ion Ratio Lower Upper

88 100

58 0.0 70.9 106.3#

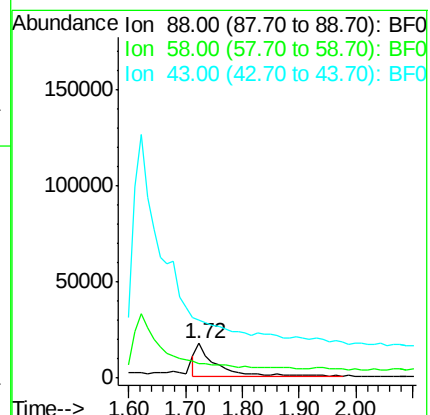
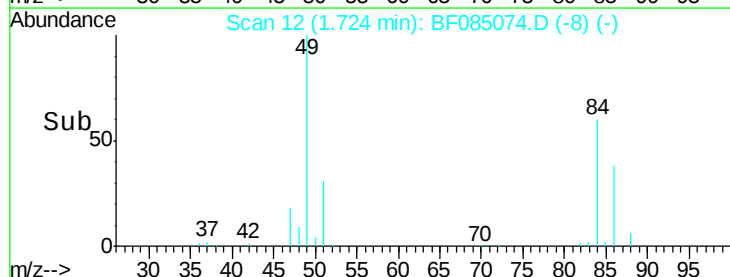
43 0.0 25.9 38.9#

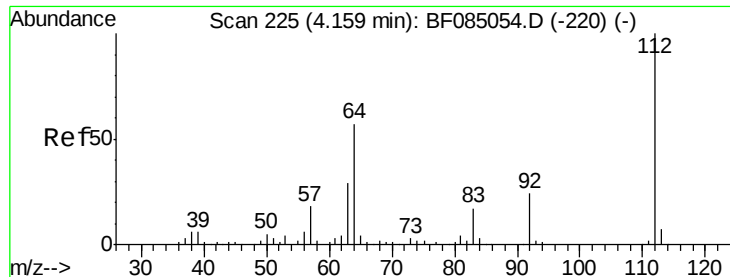


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 163.08 ng

RT: 4.14 min Scan# 223

Delta R.T. -0.02 min

Lab File: BF085074.D

Acq: 13 Feb 2016 9:05

Instrument :

BNA_F

ClientSampleId :

SUP-B002(12-13.5)

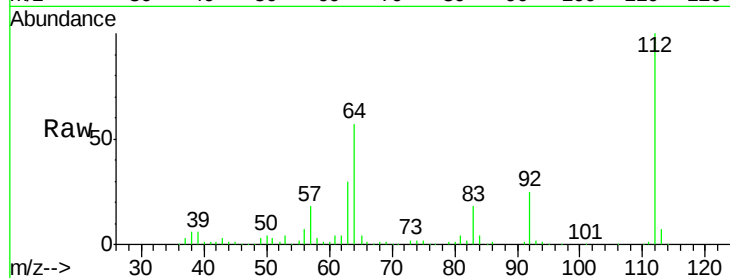
Tgt Ion: 112 Resp: 1070575

Ion Ratio Lower Upper

112 100

64 57.3 45.4 68.2

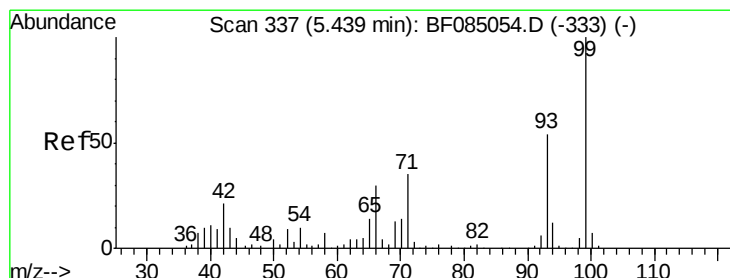
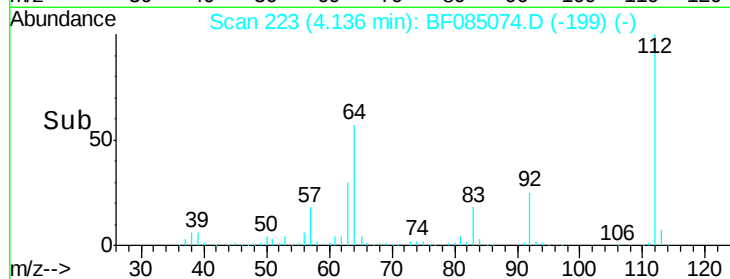
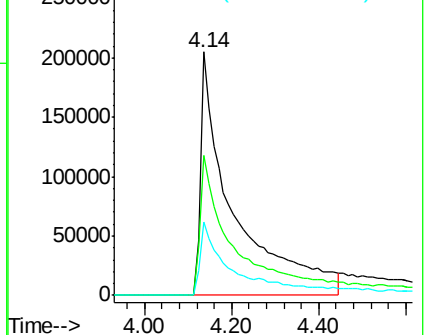
63 30.4 23.2 34.8



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: 175.70 ng

RT: 5.43 min Scan# 336

Delta R.T. -0.01 min

Lab File: BF085074.D

Acq: 13 Feb 2016 9:05

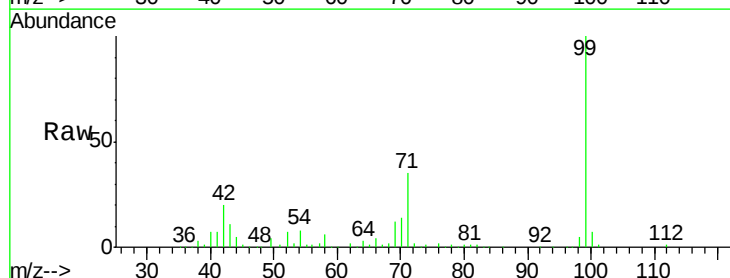
Tgt Ion: 99 Resp: 1537265

Ion Ratio Lower Upper

99 100

42 19.7 17.0 25.4

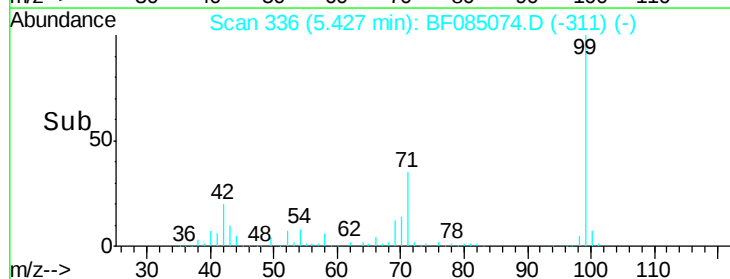
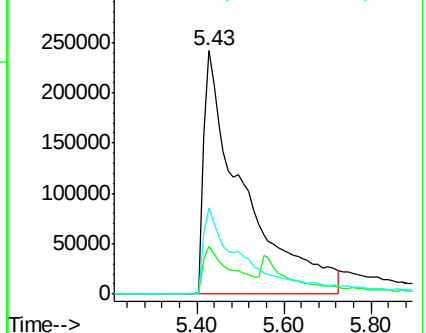
71 35.2 28.3 42.5

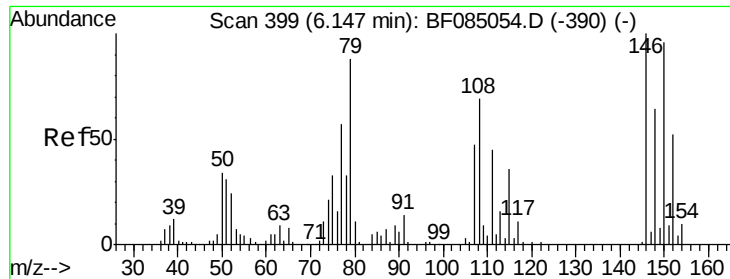


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#15

Benzyl Alcohol

Concen: 3.40 ng

RT: 6.09 min Scan# 394

Delta R.T. -0.06 min

Lab File: BF085074.D

Acq: 13 Feb 2016 9:05

Instrument :

BNA_F

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SUP-B002(12-13.5)

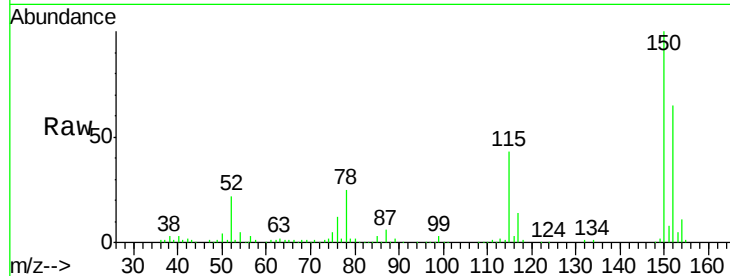
Tgt Ion: 79 Resp: 18159

Ion Ratio Lower Upper

79 100

108 24.8 63.4 95.0#

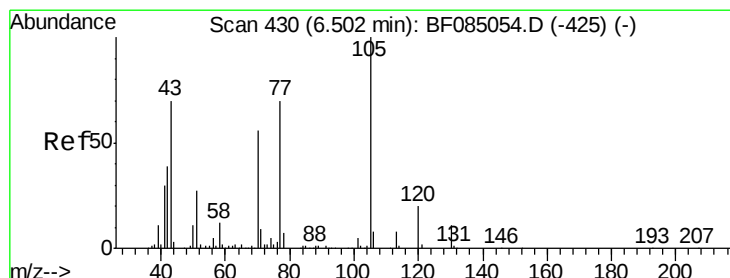
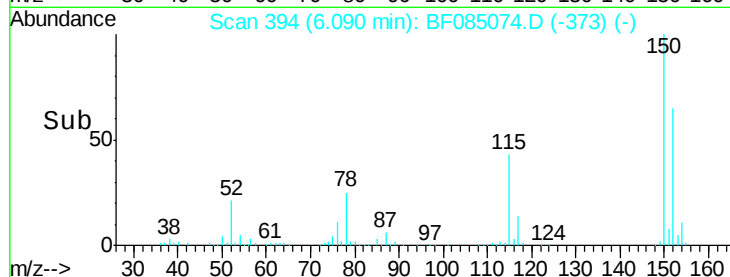
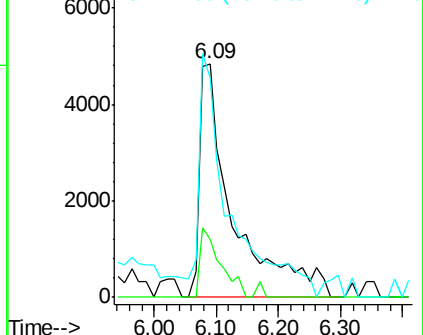
77 94.0 51.8 77.6#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 16.08 ng

RT: 6.72 min Scan# 449

Delta R.T. 0.22 min

Lab File: BF085074.D

Acq: 13 Feb 2016 9:05

Tgt Ion: 70 Resp: 88629

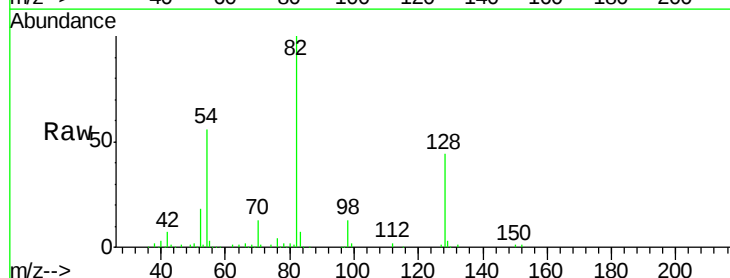
Ion Ratio Lower Upper

70 100

42 50.7 55.8 83.6#

101 0.0 7.7 11.5#

130 1.9 15.4 23.2#

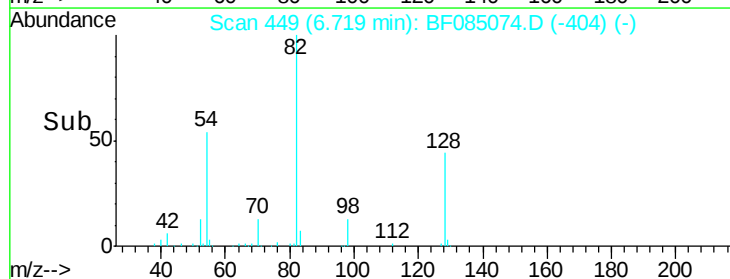
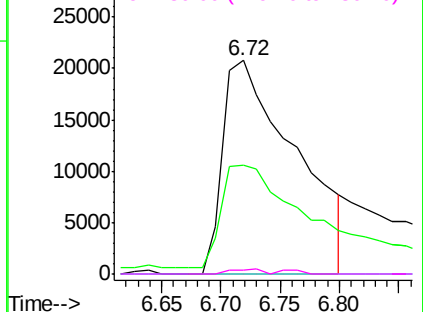


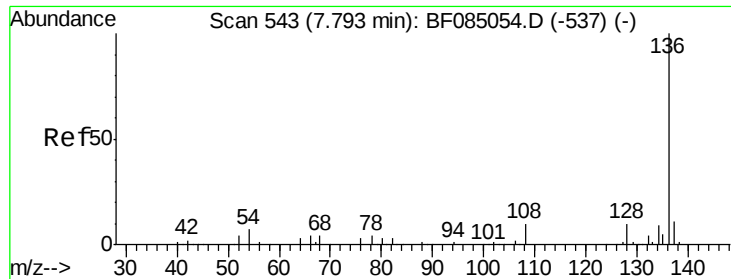
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

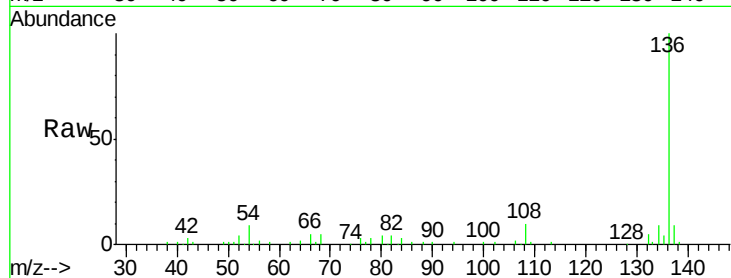




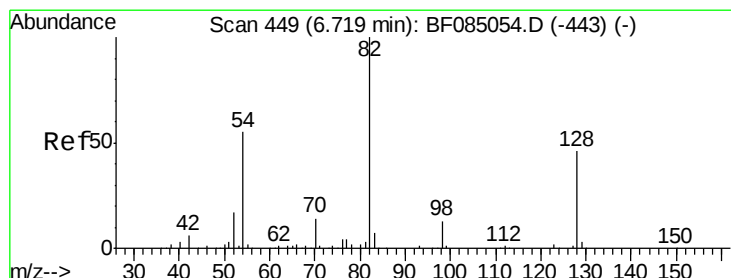
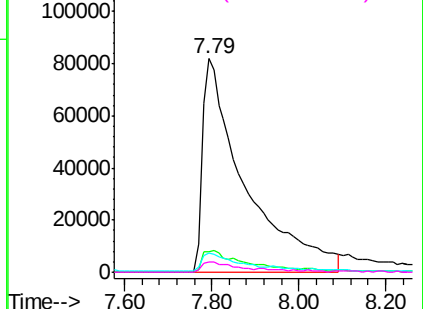
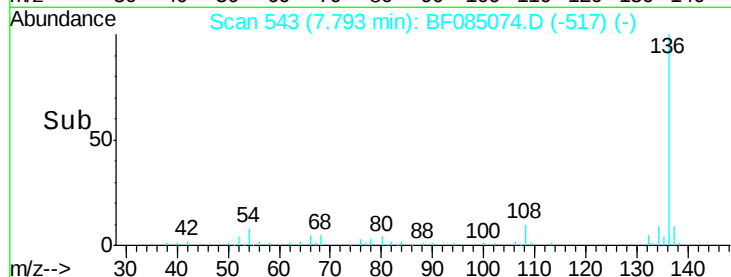
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.79 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF085074.D
Acq: 13 Feb 2016 9:05

Instrument :
BNA_F
ClientSampleId :
SUP-B002(12-13.5)

Tgt Ion:	136	Resp:	556809
Ion Ratio	Lower	Upper	
136	100		
137	9.3	8.9	13.3
54	9.2	6.1	9.1#
68	4.7	3.5	5.3

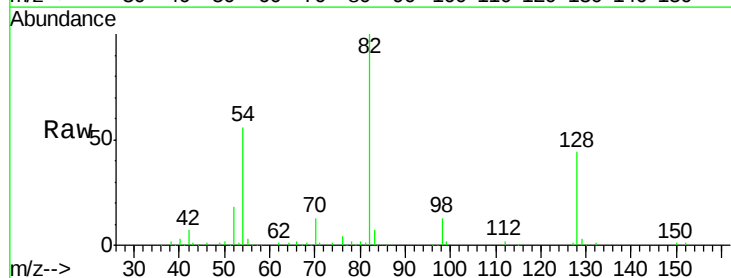


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

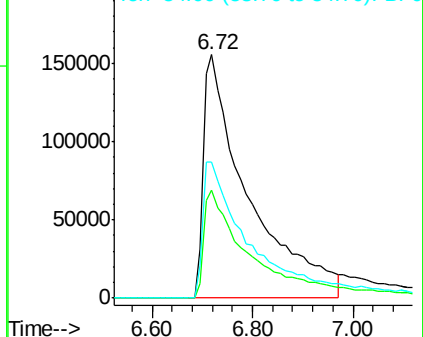
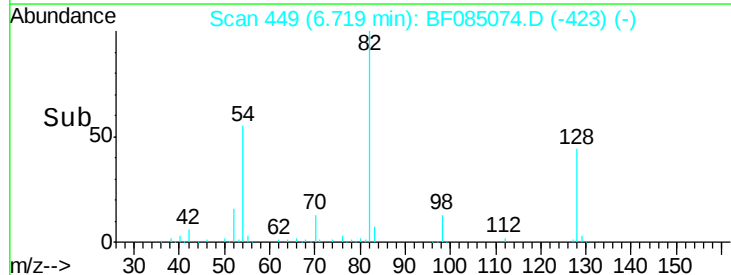


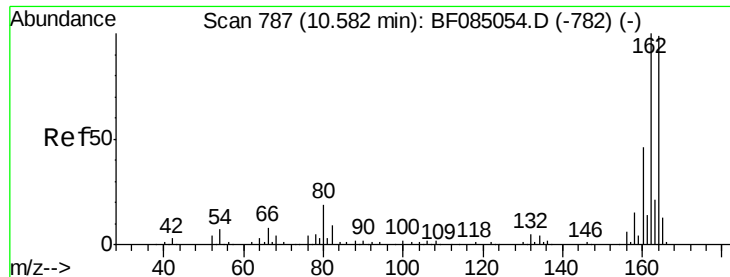
#23
Nitrobenzene-d5
Concen: 102.25 ng
RT: 6.72 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF085074.D
Acq: 13 Feb 2016 9:05

Tgt Ion:	82	Resp:	964146
Ion Ratio	Lower	Upper	
82	100		
128	44.4	36.8	55.2
54	55.7	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

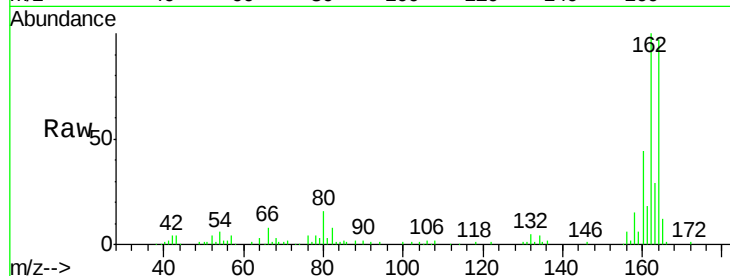




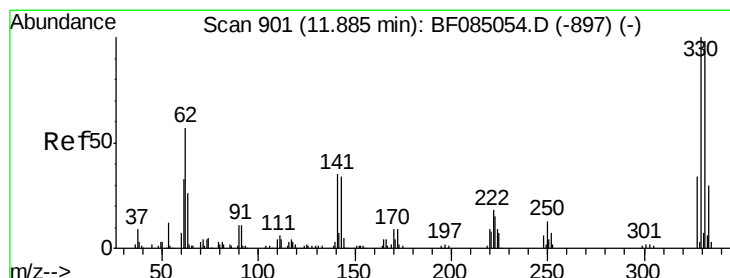
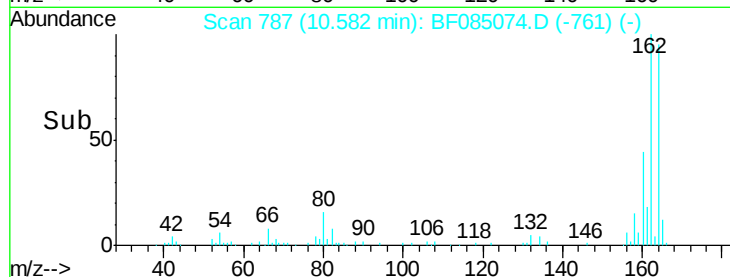
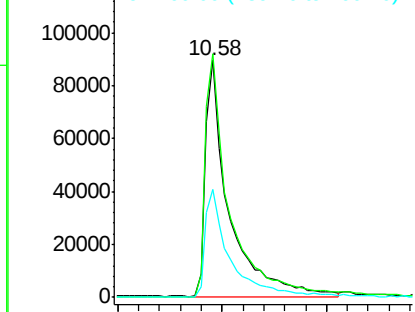
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.58 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF085074.D
 Acq: 13 Feb 2016 9:05

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B002(12-13.5)

Tgt Ion:164 Resp: 279229
 Ion Ratio Lower Upper
 164 100
 162 102.8 81.1 121.7
 160 45.5 37.4 56.0

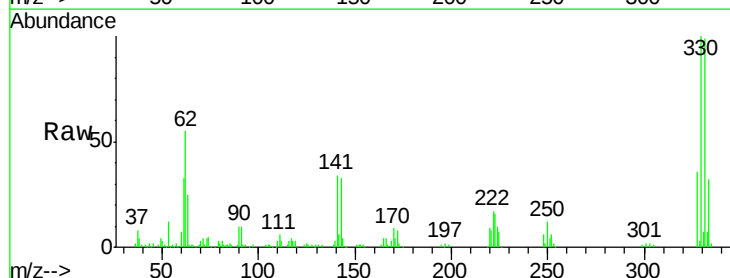


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

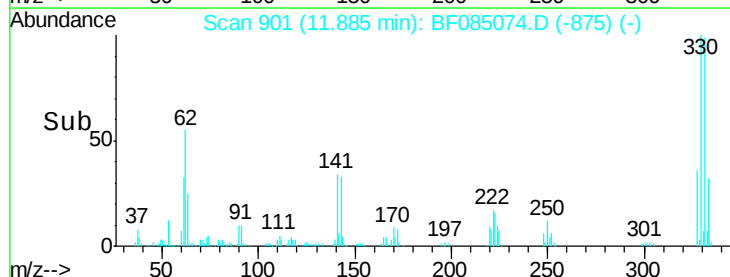
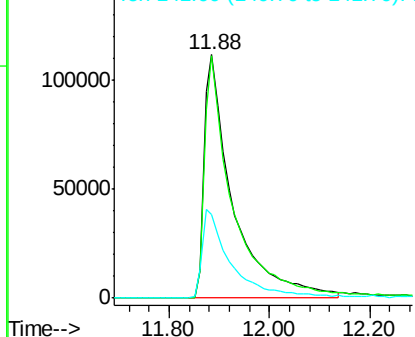


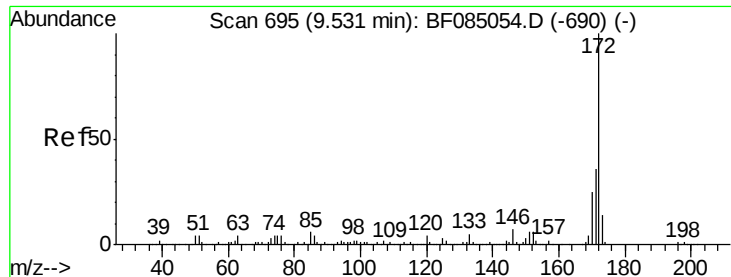
#41
 2,4,6-Tribromophenol
 Concen: 153.55 ng
 RT: 11.88 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BF085074.D
 Acq: 13 Feb 2016 9:05

Tgt Ion:330 Resp: 442849
 Ion Ratio Lower Upper
 330 100
 332 96.4 78.5 117.7
 141 36.9 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: 98.82 ng

RT: 9.53 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF085074.D

Acq: 13 Feb 2016 9:05

Instrument :

BNA_F

ClientSampleId :

SUP-B002(12-13.5)

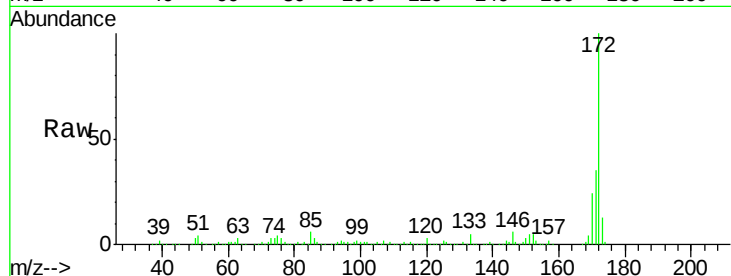
Tgt Ion:172 Resp: 1930456

Ion Ratio Lower Upper

172 100

171 35.1 29.1 43.7

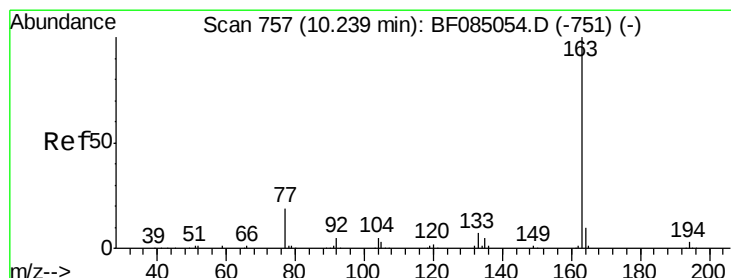
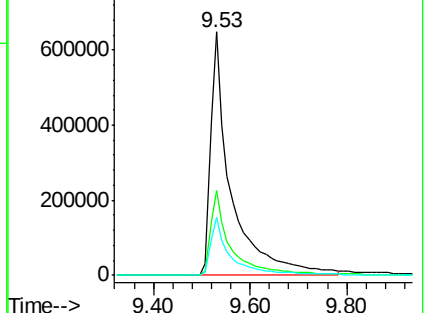
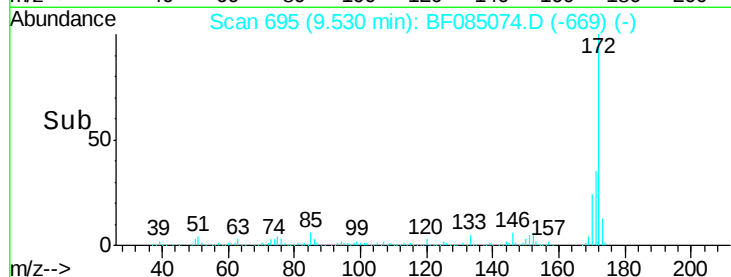
170 23.8 19.6 29.4



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: 17.28 ng

RT: 10.22 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF085074.D

Acq: 13 Feb 2016 9:05

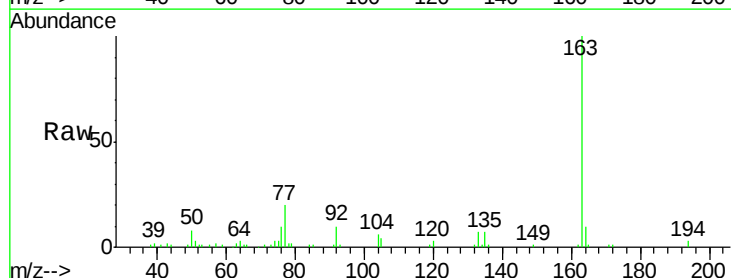
Tgt Ion:163 Resp: 361694

Ion Ratio Lower Upper

163 100

194 3.1 2.5 3.7

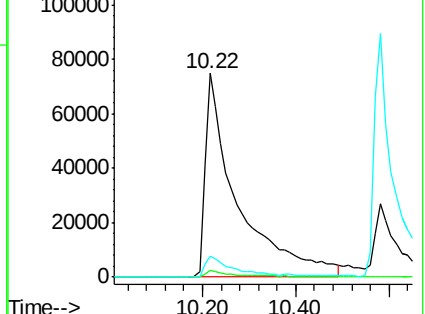
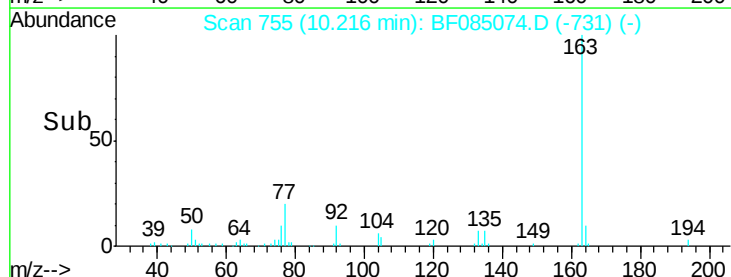
164 10.0 7.8 11.8

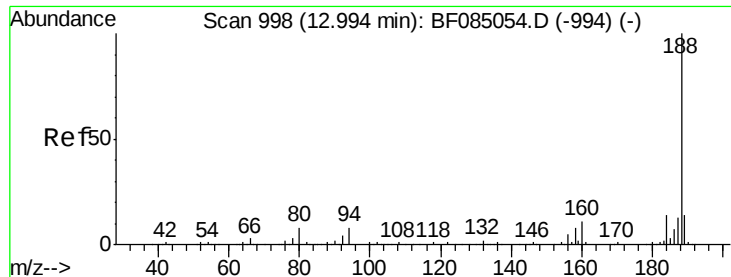


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

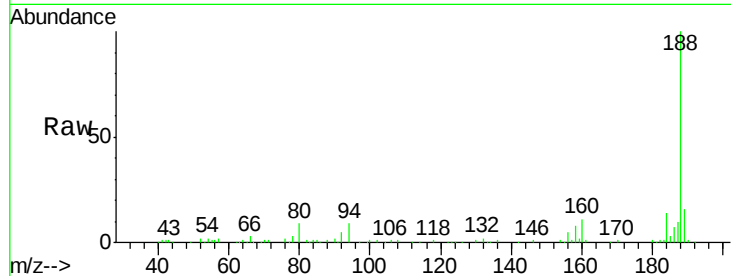




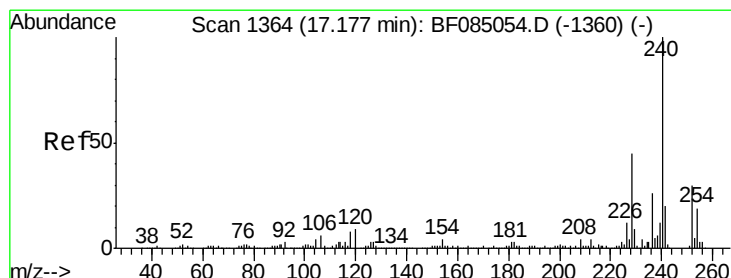
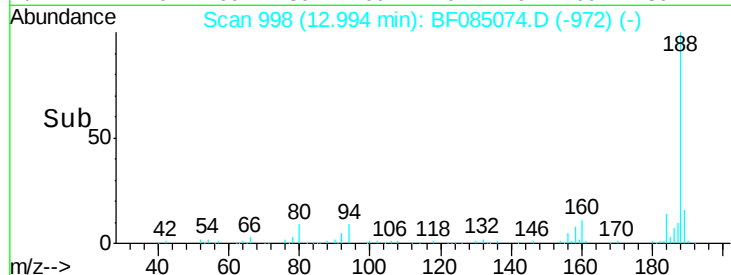
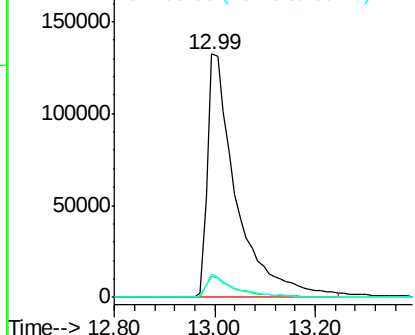
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.99 min Scan# 998
Delta R.T. -0.00 min
Lab File: BF085074.D
Acq: 13 Feb 2016 9:05

Instrument :
BNA_F
ClientSampleId :
SUP-B002(12-13.5)

Tgt Ion:188 Resp: 531406
Ion Ratio Lower Upper
188 100
94 8.5 6.2 9.2
80 9.5 6.6 9.8

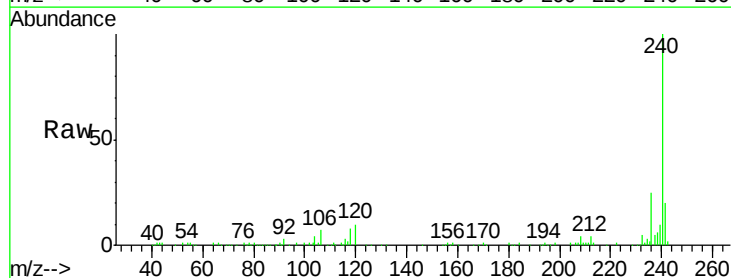


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

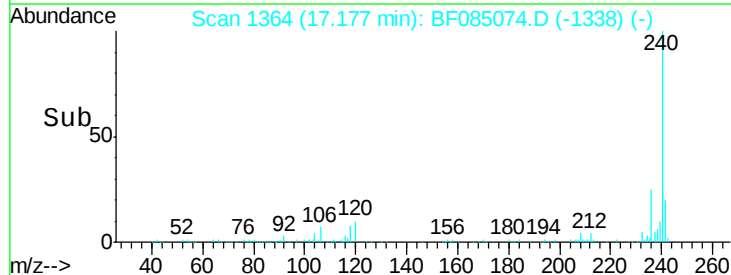
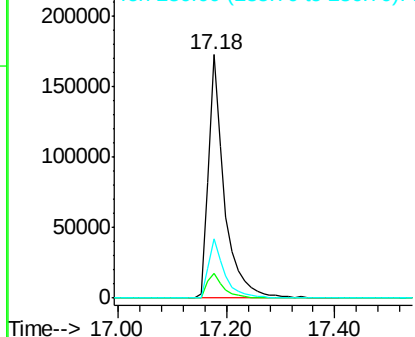


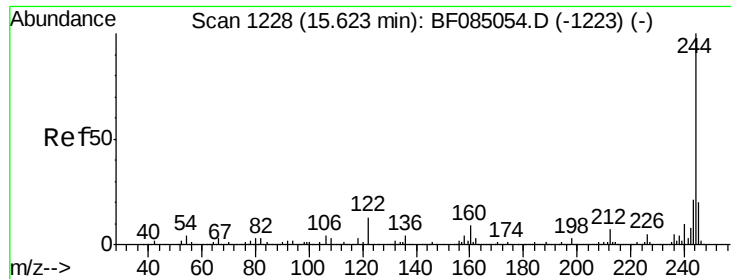
#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.18 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF085074.D
Acq: 13 Feb 2016 9:05

Tgt Ion:240 Resp: 350567
Ion Ratio Lower Upper
240 100
120 10.4 7.0 10.6
236 24.6 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: 89.60 ng

RT: 15.62 min Scan# 1228

Delta R.T. -0.00 min

Lab File: BF085074.D

Acq: 13 Feb 2016 9:05

Instrument :

BNA_F

ClientSampleId :

SUP-B002(12-13.5)

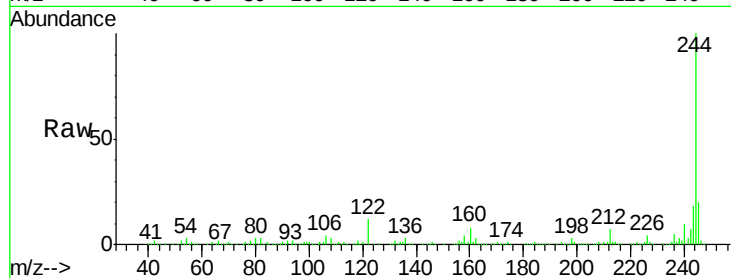
Tgt Ion:244 Resp: 1526188

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

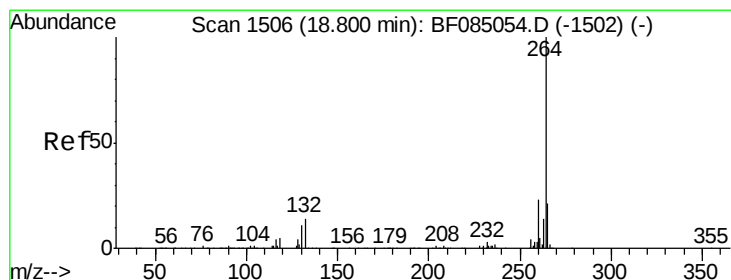
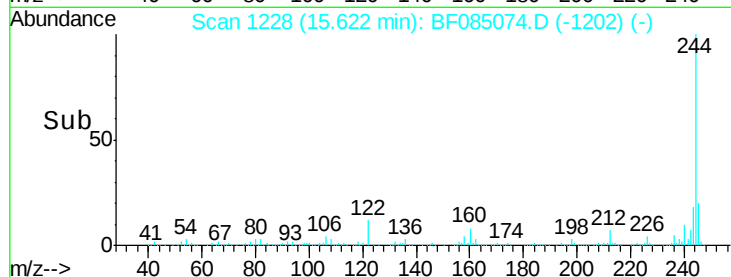
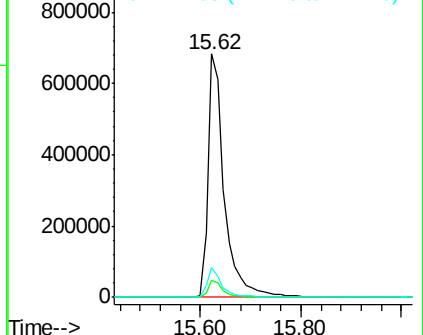
122 12.1 10.1 15.1



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: 18.80 min Scan# 1506

Delta R.T. -0.00 min

Lab File: BF085074.D

Acq: 13 Feb 2016 9:05

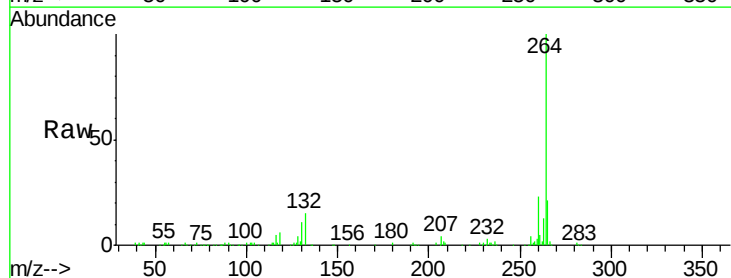
Tgt Ion:264 Resp: 265162

Ion Ratio Lower Upper

264 100

260 22.7 18.5 27.7

265 20.5 16.7 25.1



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

