

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021416\
 Data File : BF085066.D
 Acq On : 13 Feb 2016 4:24
 Operator : SJ/IZ
 Sample : H1396-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B003(26.5-28.5)

Quant Time: Feb 13 06:32:38 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

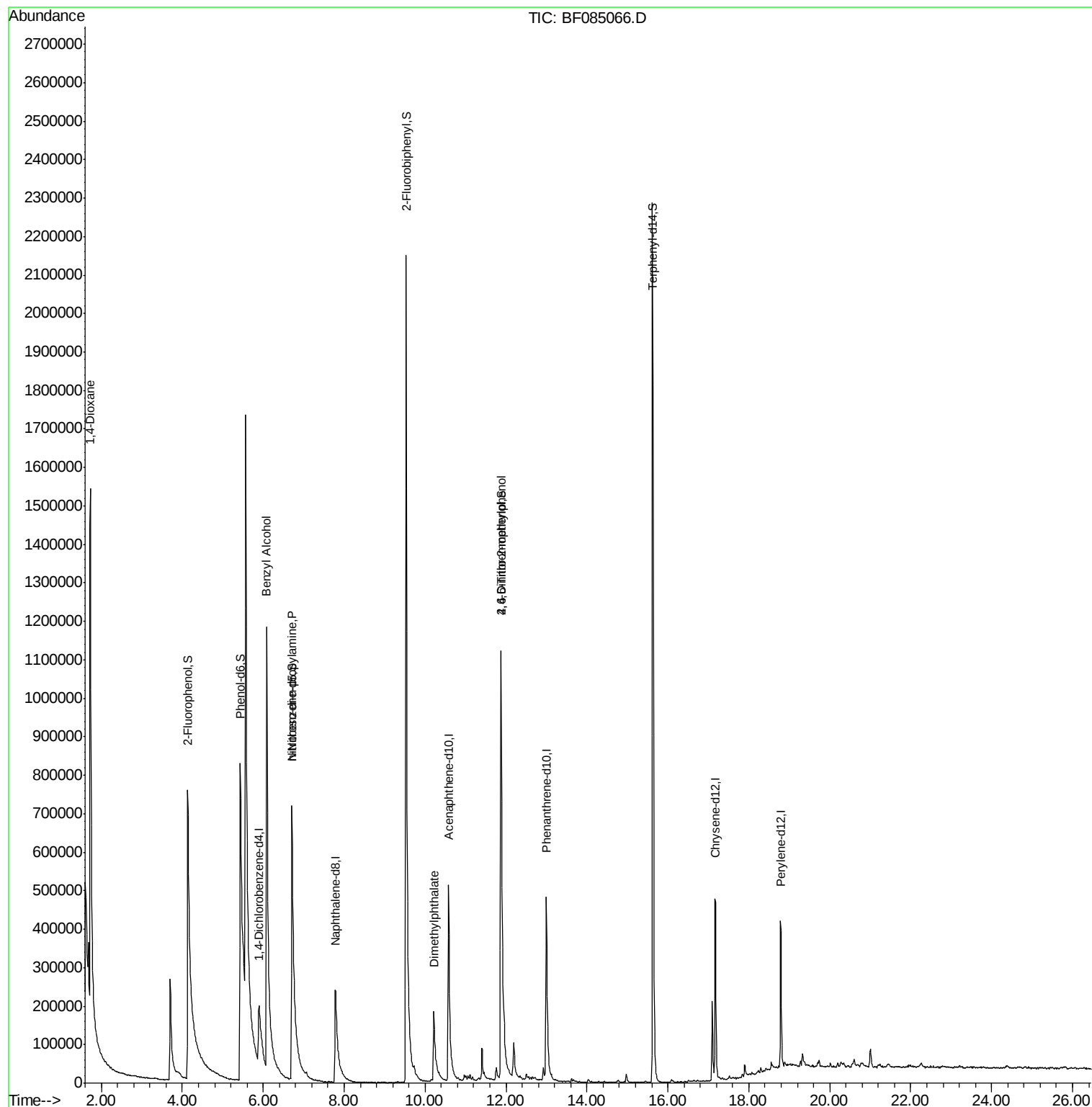
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.90	152	135020	20.00	ng	0.01
21) Naphthalene-d8	7.79	136	611664	20.00	ng	0.00
38) Acenaphthene-d10	10.58	164	293286	20.00	ng	0.00
63) Phenanthrene-d10	12.99	188	540955	20.00	ng	0.00
75) Chrysene-d12	17.18	240	349246	20.00	ng	0.00
86) Perylene-d12	18.80	264	271167	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.14	112	1180555	152.89	ng	-0.02
7) Phenol-d6	5.43	99	1657889	161.10	ng	-0.01
23) Nitrobenzene-d5	6.71	82	1067022	103.01	ng	-0.01
41) 2,4,6-Tribromophenol	11.88	330	446119	147.27	ng	0.00
44) 2-Fluorobiphenyl	9.53	172	1886325	91.94	ng	0.00
78) Terphenyl-d14	15.62	244	1482812	87.38	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.72	88	81347	25.57	ng	# 15
11) bis(2-Chloroethyl)ether	5.55	93	1765	Below Cal		# 1
15) Benzyl Alcohol	6.08	79	17666	2.81	ng	# 45
19) n-Nitroso-di-n-propylamine	6.71	70	94505	14.58	ng	# 73
49) Dimethylphthalate	10.22	163	315702	14.36	ng	99
64) 4,6-Dinitro-2-methylphenol	11.88	198	475	5.16	ng	# 1

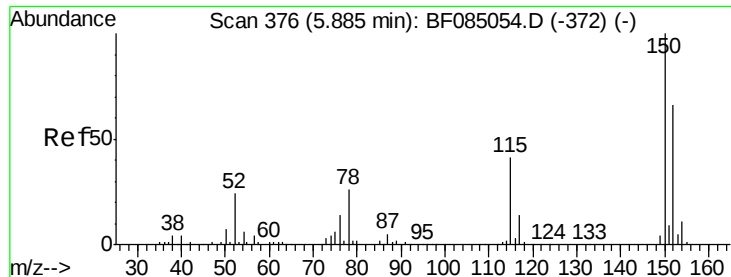
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Feb 13 00:11:18 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.90 min Scan# 377

Delta R.T. 0.01 min

Lab File: BF085066.D

Acq: 13 Feb 2016 4:24

Instrument :

BNA_F

ClientSampleId :

S4-B003(26.5-28.5)

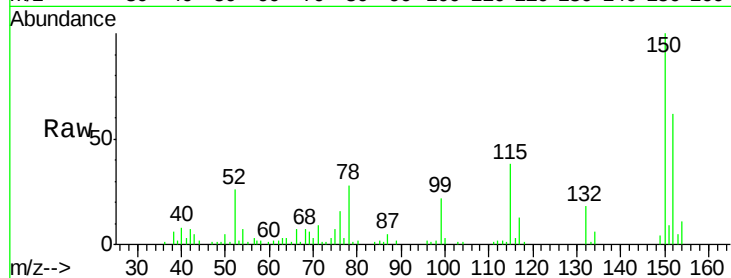
Tgt Ion:152 Resp: 135020

Ion Ratio Lower Upper

152 100

150 161.0 127.4 191.2

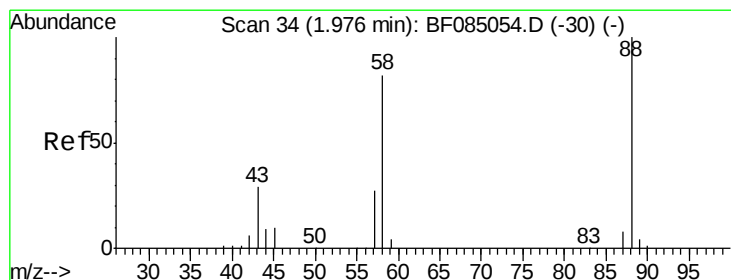
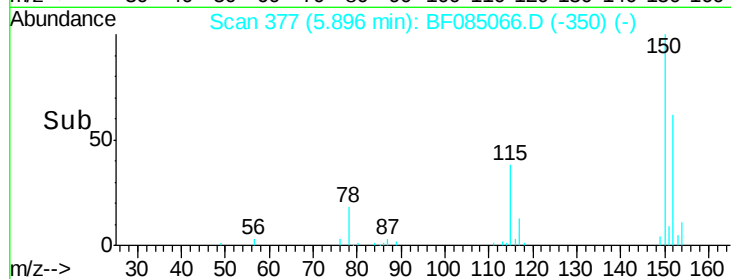
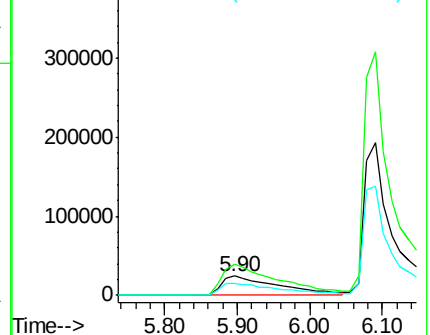
115 62.0 50.5 75.7



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: 25.57 ng

RT: 1.72 min Scan# 12

Delta R.T. -0.25 min

Lab File: BF085066.D

Acq: 13 Feb 2016 4:24

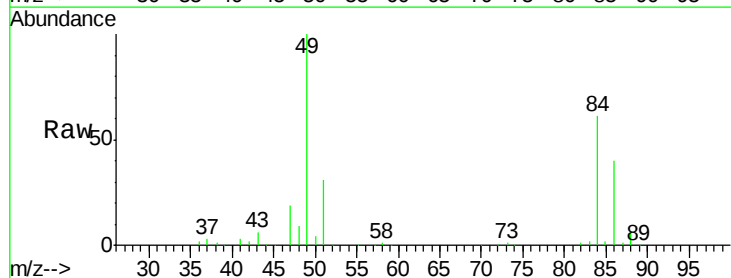
Tgt Ion: 88 Resp: 81347

Ion Ratio Lower Upper

88 100

58 0.0 70.9 106.3#

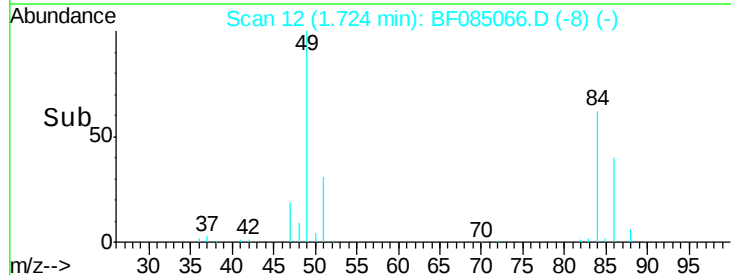
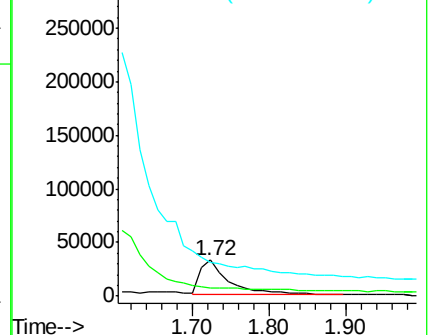
43 0.0 25.9 38.9#

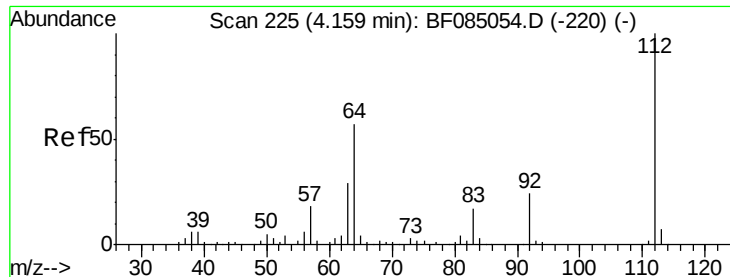


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

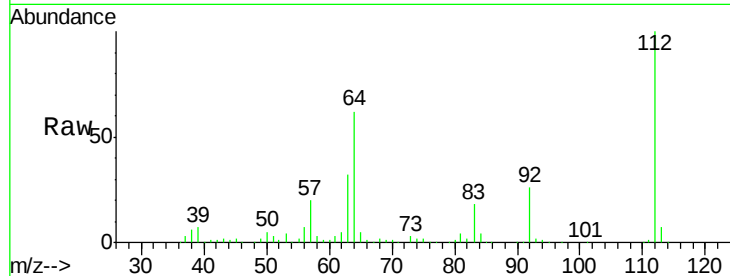




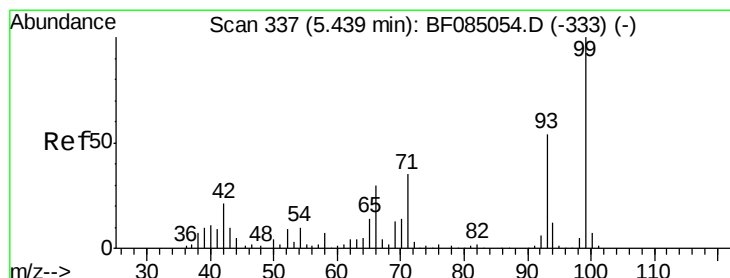
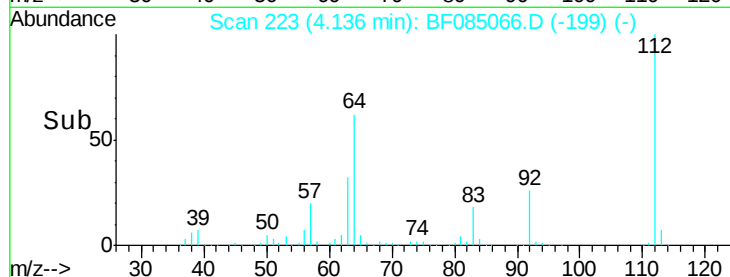
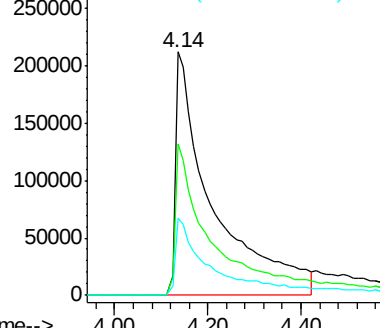
#5
 2-Fluorophenol
 Concen: 152.89 ng
 RT: 4.14 min Scan# 223
 Delta R.T. -0.02 min
 Lab File: BF085066.D
 Acq: 13 Feb 2016 4:24

Instrument :
 BNA_F
 ClientSampleId :
 S4-B003(26.5-28.5)

Tgt Ion: 112 Resp: 1180555
 Ion Ratio Lower Upper
 112 100
 64 62.1 45.4 68.2
 63 31.7 23.2 34.8

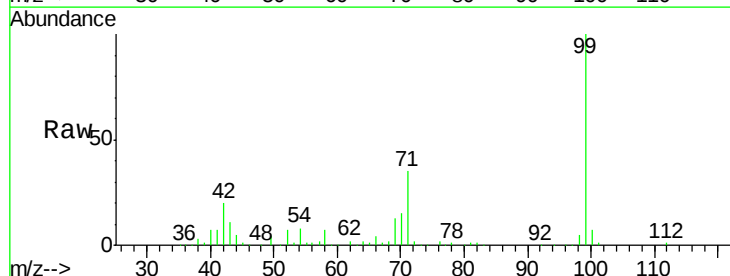


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0

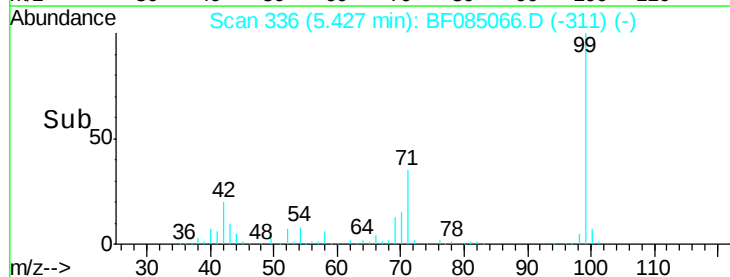
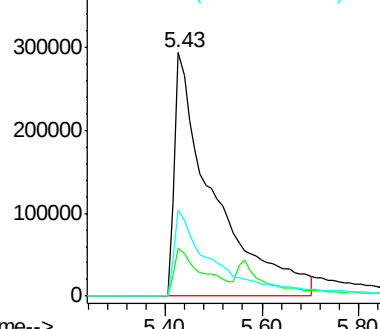


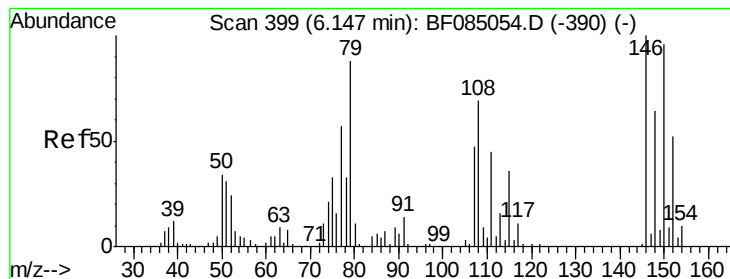
#7
 Phenol-d6
 Concen: 161.10 ng
 RT: 5.43 min Scan# 336
 Delta R.T. -0.01 min
 Lab File: BF085066.D
 Acq: 13 Feb 2016 4:24

Tgt Ion: 99 Resp: 1657889
 Ion Ratio Lower Upper
 99 100
 42 19.5 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: 2.81 ng

RT: 6.08 min Scan# 393

Delta R.T. -0.07 min

Lab File: BF085066.D

Acq: 13 Feb 2016 4:24

Instrument :

BNA_F

ClientSampleId :

S4-B003(26.5-28.5)

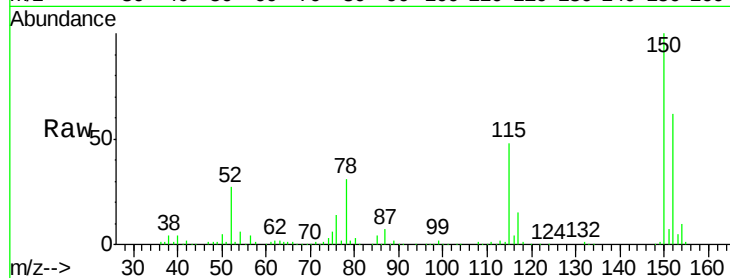
Tgt Ion: 79 Resp: 17666

Ion Ratio Lower Upper

79 100

108 25.2 63.4 95.0#

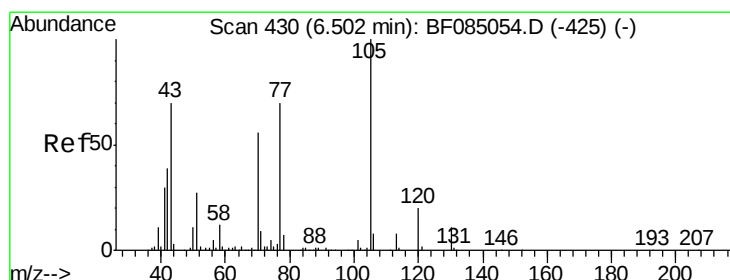
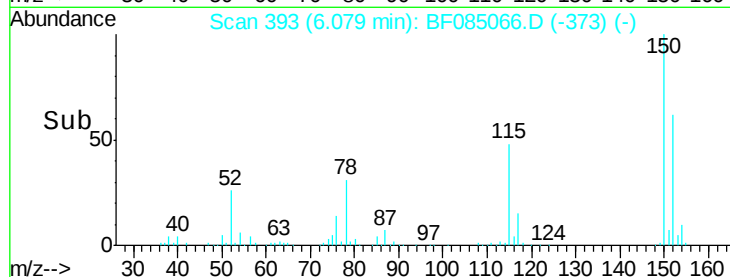
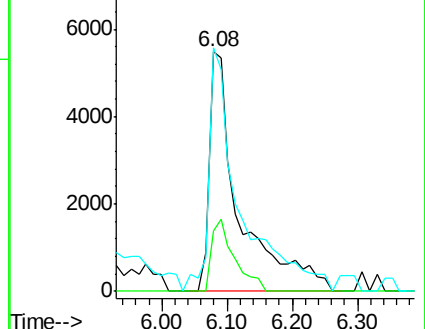
77 101.7 51.8 77.6#



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: 14.58 ng

RT: 6.71 min Scan# 448

Delta R.T. 0.21 min

Lab File: BF085066.D

Acq: 13 Feb 2016 4:24

Tgt Ion: 70 Resp: 94505

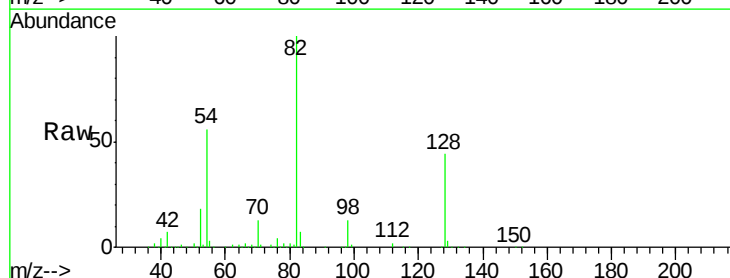
Ion Ratio Lower Upper

70 100

42 50.0 55.8 83.6#

101 0.0 7.7 11.5#

130 1.8 15.4 23.2#

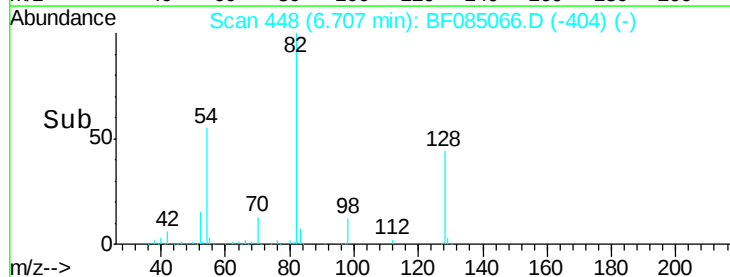
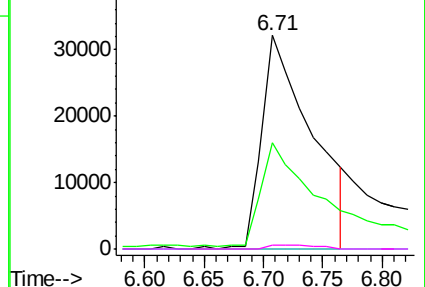


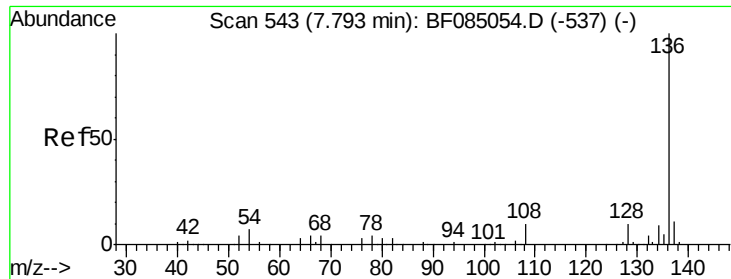
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

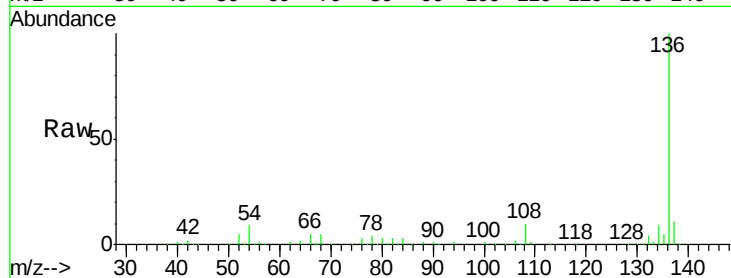




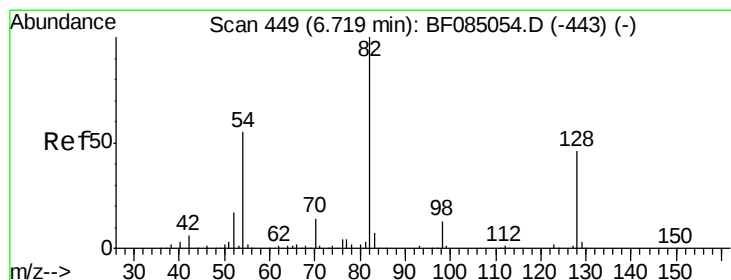
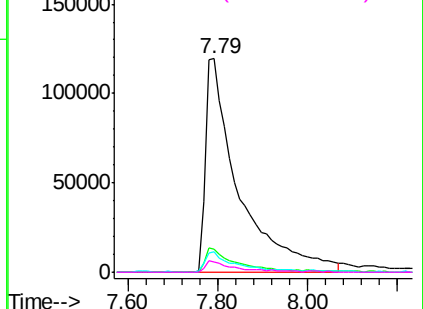
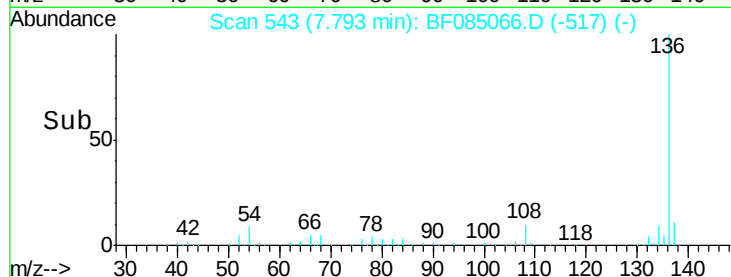
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.79 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF085066.D
Acq: 13 Feb 2016 4:24

Instrument :
BNA_F
ClientSampleId :
S4-B003(26.5-28.5)

Tgt Ion:	136	Resp:	611664
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	9.4	6.1	9.1#
68	4.8	3.5	5.3

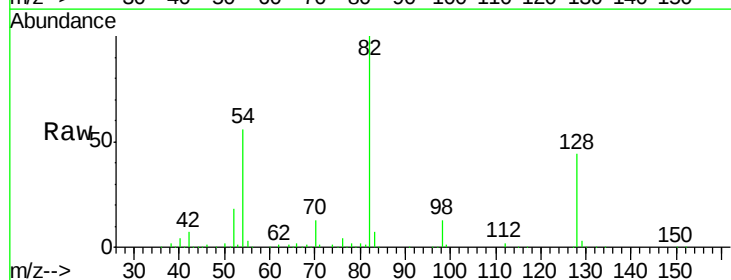


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

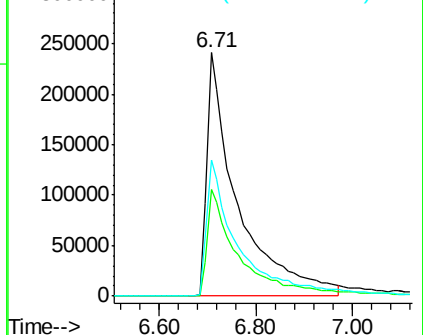
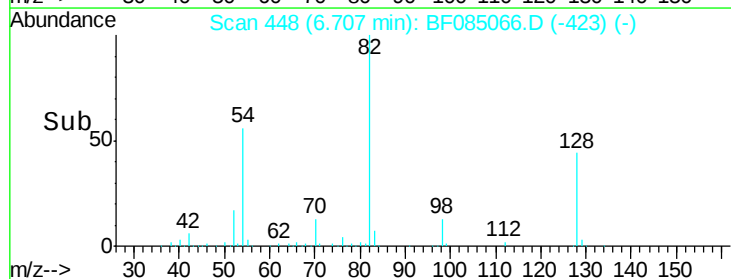


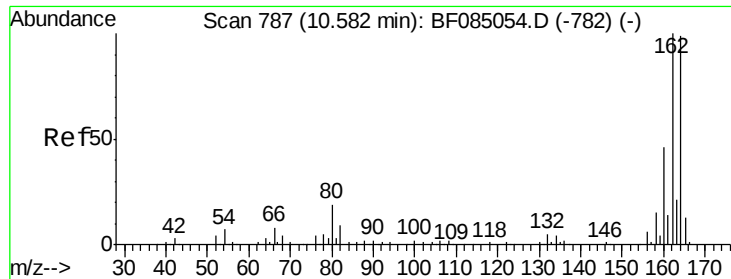
#23
Nitrobenzene-d5
Concen: 103.01 ng
RT: 6.71 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF085066.D
Acq: 13 Feb 2016 4:24

Tgt Ion:	82	Resp:	1067022
Ion	Ratio	Lower	Upper
82	100		
128	43.9	36.8	55.2
54	55.9	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: BF085066.D

Acq: 13 Feb 2016 4:24

Instrument :

BNA_F

ClientSampleId :

S4-B003(26.5-28.5)

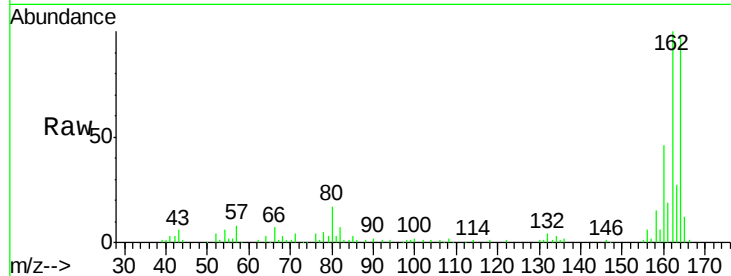
Tgt Ion:164 Resp: 293286

Ion Ratio Lower Upper

164 100

162 103.4 81.1 121.7

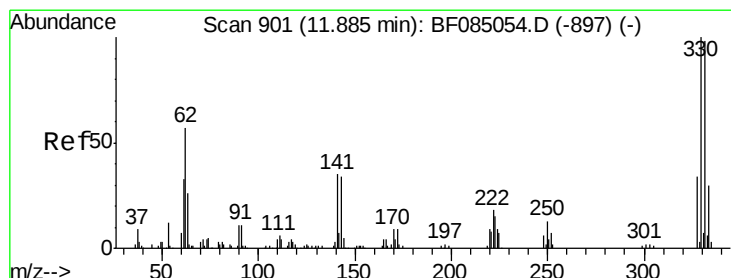
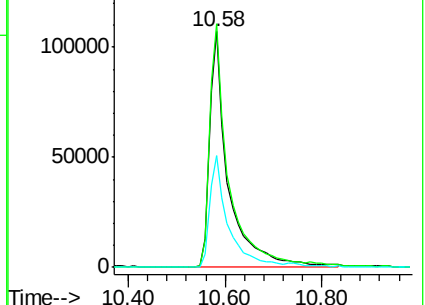
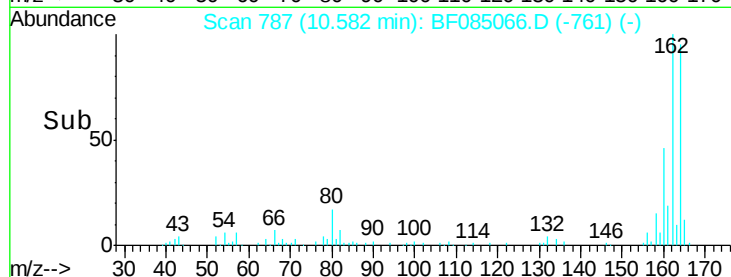
160 47.3 37.4 56.0



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: 147.27 ng

RT: 11.88 min Scan# 901

Delta R.T. -0.00 min

Lab File: BF085066.D

Acq: 13 Feb 2016 4:24

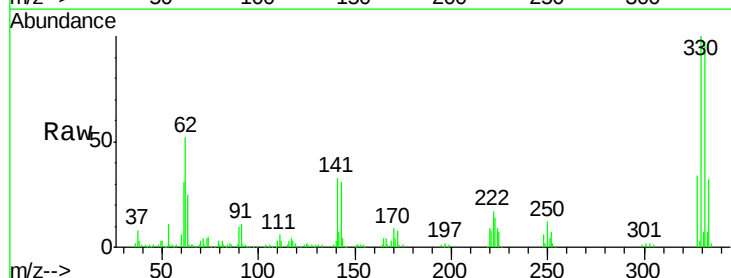
Tgt Ion:330 Resp: 446119

Ion Ratio Lower Upper

330 100

332 97.3 78.5 117.7

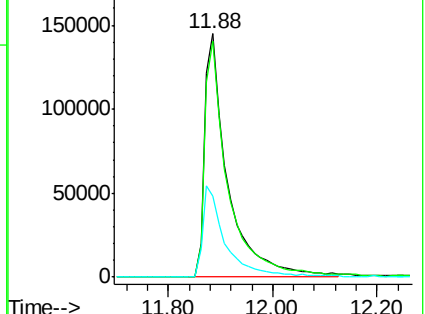
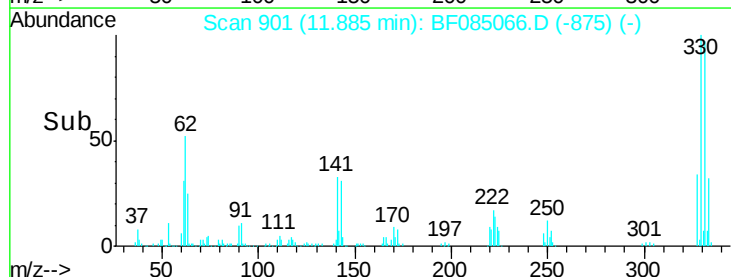
141 37.1 28.6 42.8

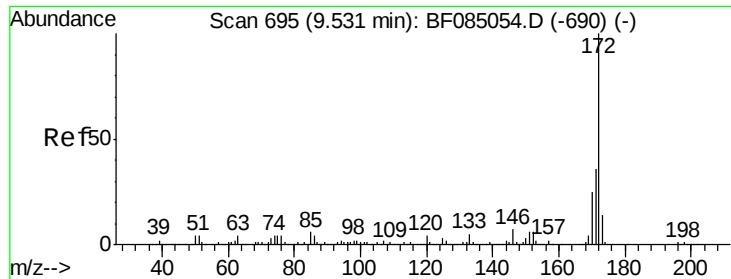


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 91.94 ng

RT: 9.53 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF085066.D

Acq: 13 Feb 2016 4:24

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S4-B003(26.5-28.5)

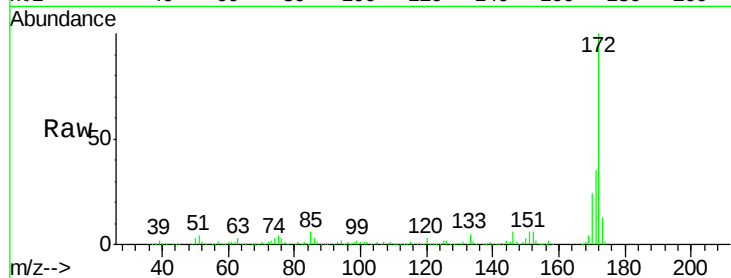
Tgt Ion:172 Resp: 1886325

Ion Ratio Lower Upper

172 100

171 35.2 29.1 43.7

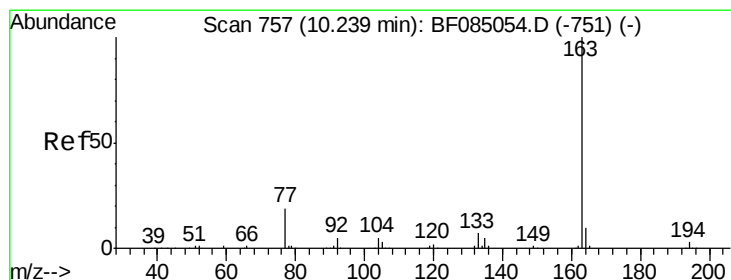
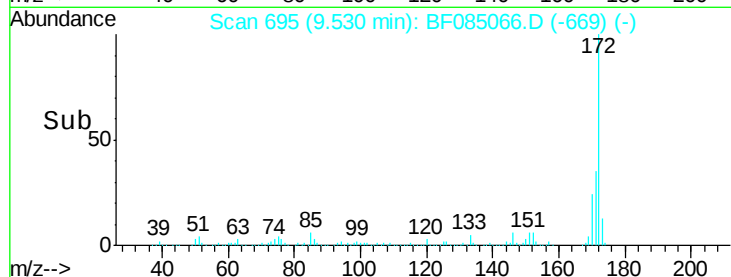
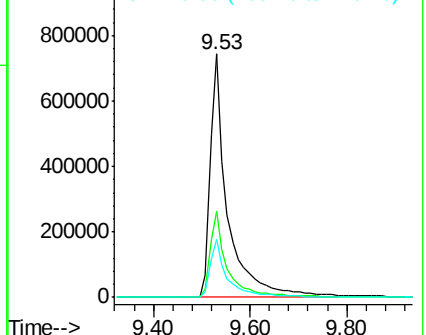
170 23.7 19.6 29.4



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: 14.36 ng

RT: 10.22 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF085066.D

Acq: 13 Feb 2016 4:24

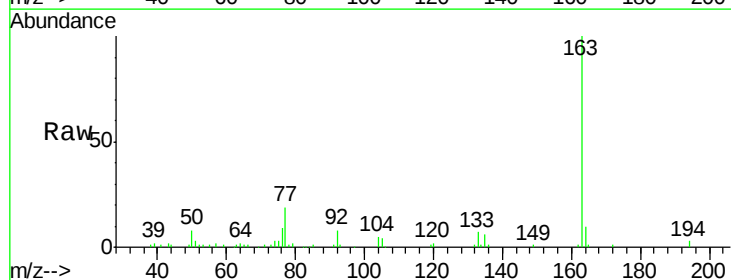
Tgt Ion:163 Resp: 315702

Ion Ratio Lower Upper

163 100

194 2.9 2.5 3.7

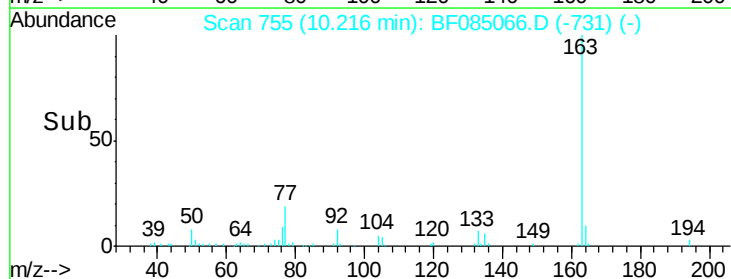
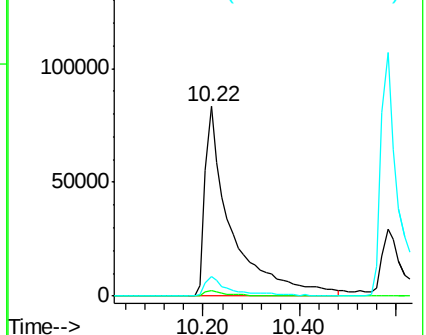
164 10.1 7.8 11.8

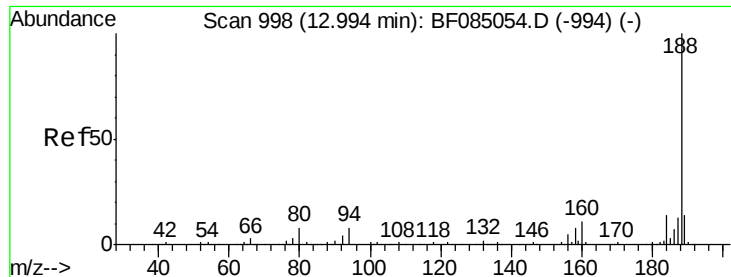


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

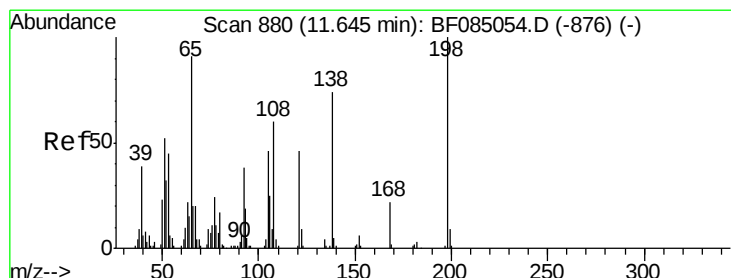
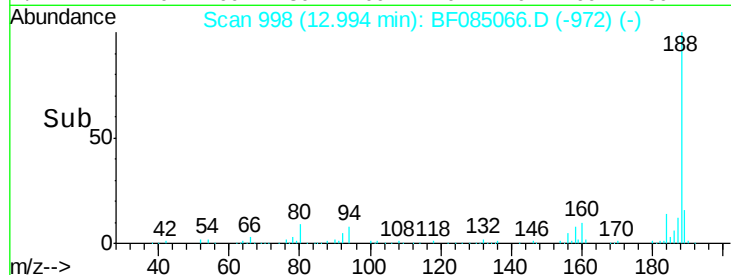
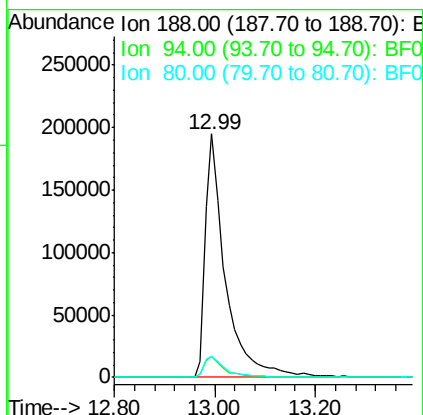
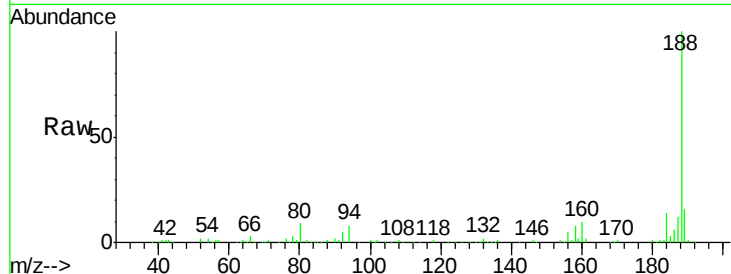




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.99 min Scan# 998
 Delta R.T. -0.00 min
 Lab File: BF085066.D
 Acq: 13 Feb 2016 4:24

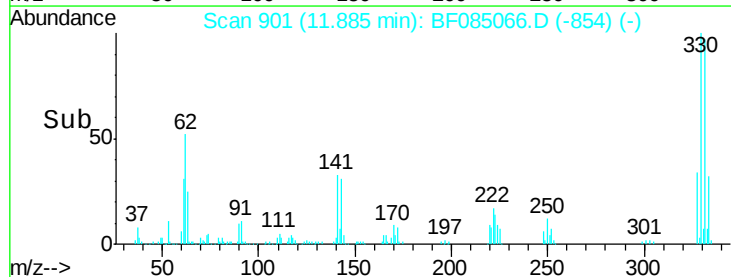
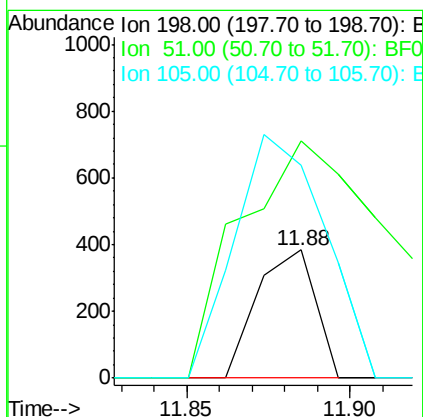
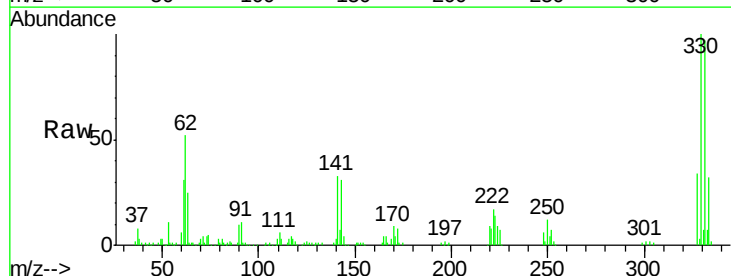
Instrument :
 BNA_F
 ClientSampleId :
 S4-B003(26.5-28.5)

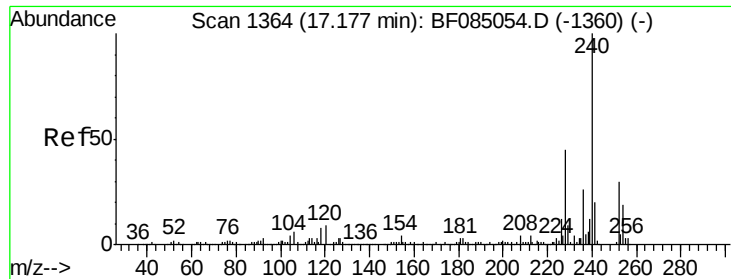
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.2	9.2
80	8.7	6.6	9.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.16 ng
 RT: 11.88 min Scan# 901
 Delta R.T. 0.24 min
 Lab File: BF085066.D
 Acq: 13 Feb 2016 4:24

Tgt Ion	Ratio	Lower	Upper
198	100		
51	184.9	34.5	74.5#
105	165.6	26.2	66.2#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 17.18 min Scan# 1364

Delta R.T. -0.00 min

Lab File: BF085066.D

Acq: 13 Feb 2016 4:24

Instrument :

BNA_F

ClientSampleId :

S4-B003(26.5-28.5)

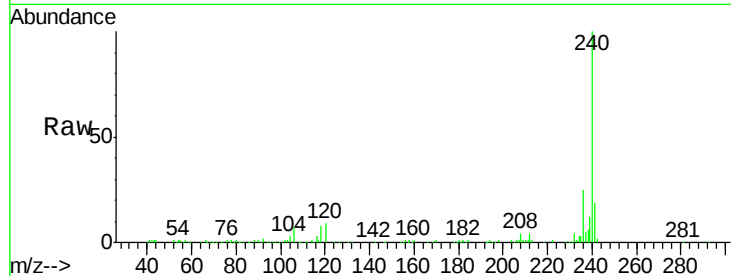
Tgt Ion:240 Resp: 349246

Ion Ratio Lower Upper

240 100

120 8.7 7.0 10.6

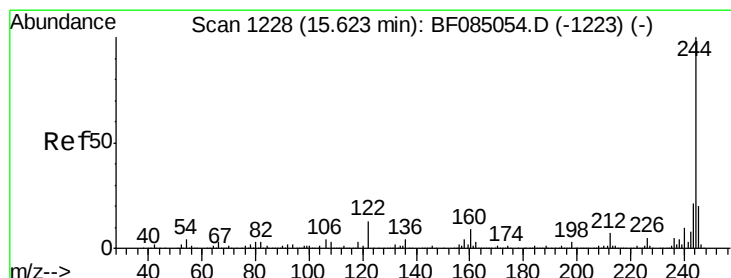
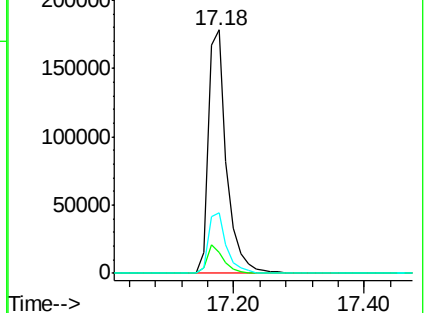
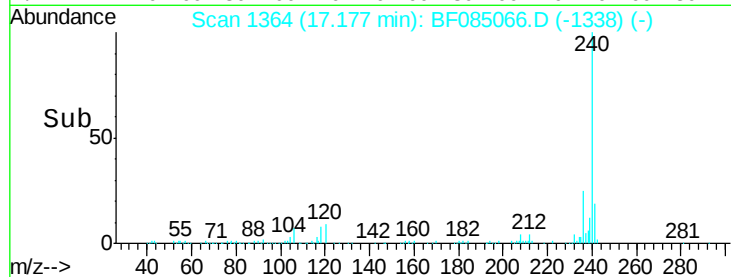
236 24.8 20.5 30.7



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: 87.38 ng

RT: 15.62 min Scan# 1228

Delta R.T. -0.00 min

Lab File: BF085066.D

Acq: 13 Feb 2016 4:24

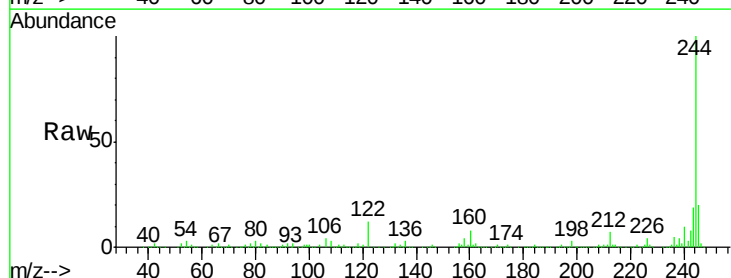
Tgt Ion:244 Resp: 1482812

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

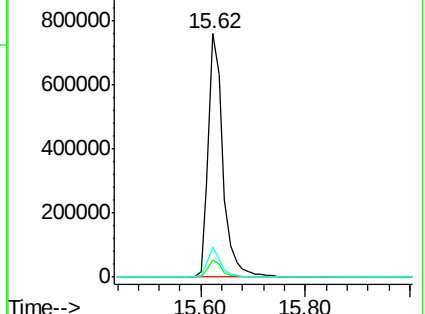
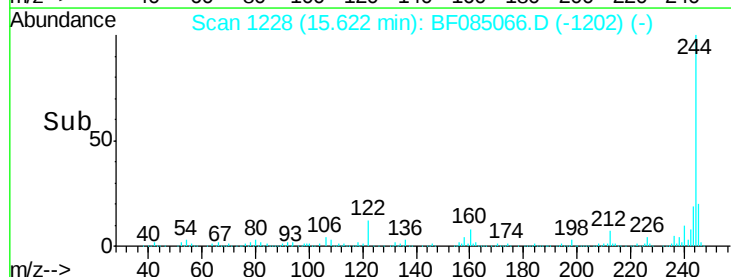
122 12.3 10.1 15.1

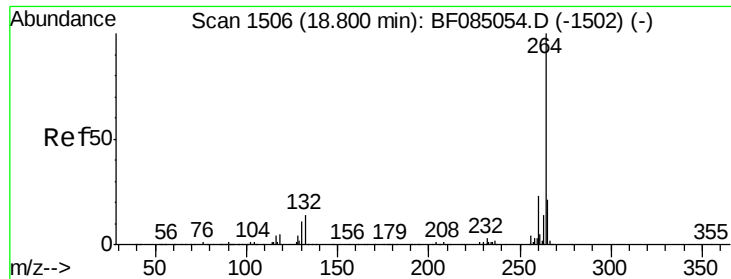


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

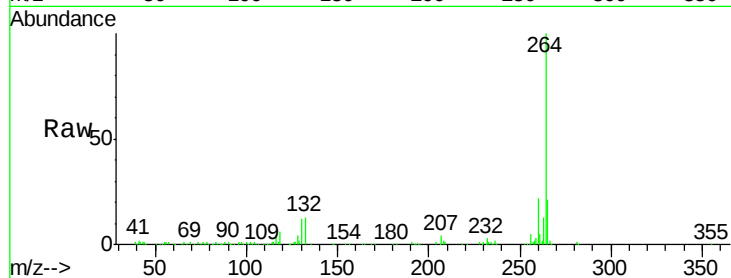




#86
Perylene-d12
Concen: 20.00 ng
RT: 18.80 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BF085066.D
Acq: 13 Feb 2016 4:24

Instrument :
BNA_F
ClientSampleId :
S4-B003(26.5-28.5)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.5	27.7
265	21.3	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

