

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
 Data File : BF085373.D
 Acq On : 11 Mar 2016 15:41
 Operator : UM/SJ
 Sample : H1731-06
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-20-COMP

Quant Time: Mar 11 21:58:03 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

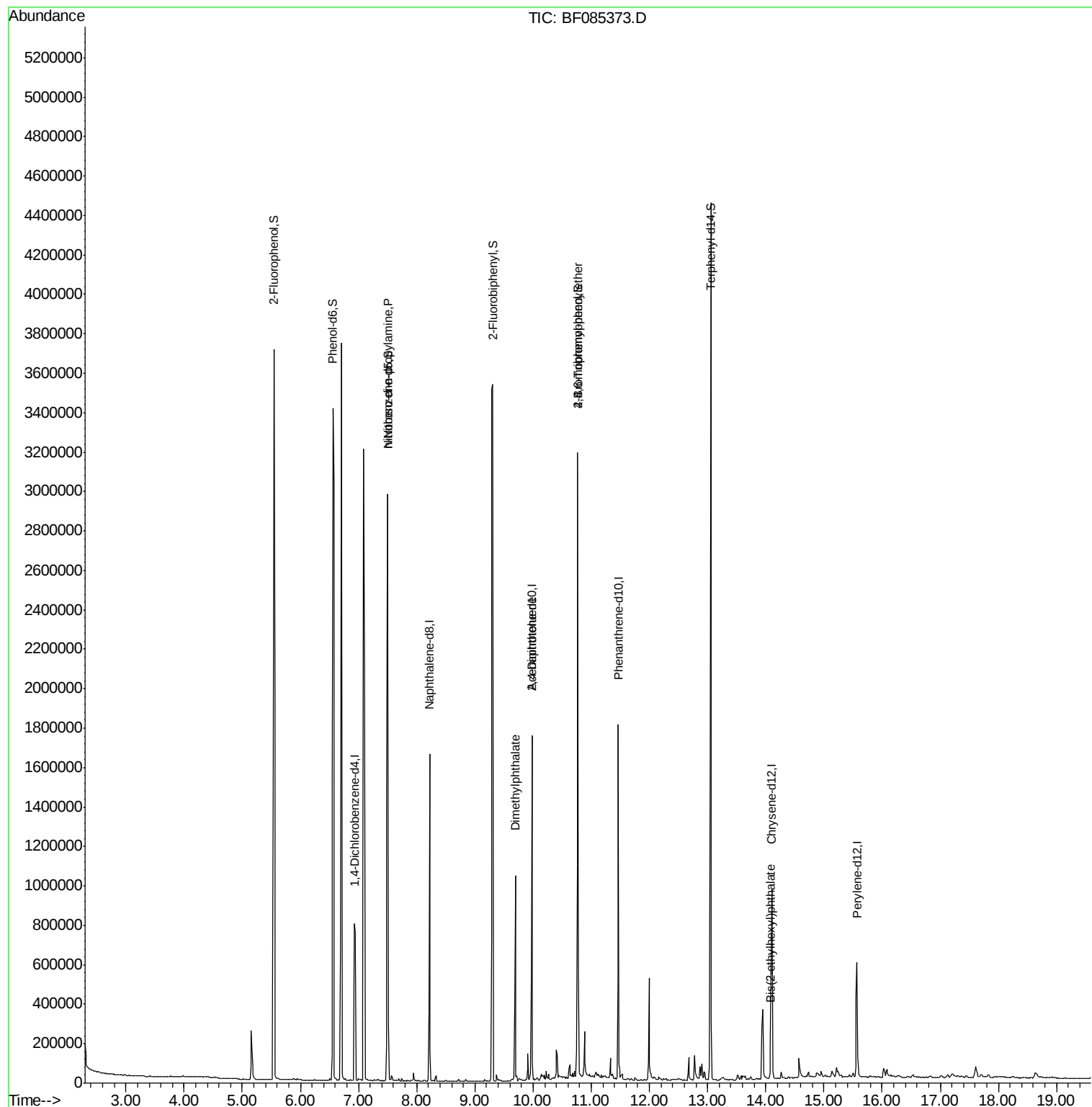
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	180816	20.00	ng	-0.05
21) Naphthalene-d8	8.22	136	731178	20.00	ng	-0.05
38) Acenaphthene-d10	9.98	164	344613	20.00	ng	-0.05
63) Phenanthrene-d10	11.46	188	645610	20.00	ng	-0.05
75) Chrysene-d12	14.11	240	374735	20.00	ng	-0.05
86) Perylene-d12	15.57	264	283357	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1562583	144.96	ng	-0.03
7) Phenol-d6	6.56	99	2156529	152.70	ng	-0.05
23) Nitrobenzene-d5	7.50	82	1173662	85.90	ng	-0.05
41) 2,4,6-Tribromophenol	10.77	330	419554	142.28	ng	-0.05
44) 2-Fluorobiphenyl	9.30	172	1817714	80.22	ng	-0.05
78) Terphenyl-d14	13.05	244	1426282	88.36	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.56	77	3029	Below Cal	#	2
19) n-Nitroso-di-n-propylamine	7.50	70	158635	17.23	ng	# 77
49) Dimethylphthalate	9.69	163	457072	17.28	ng	99
56) 2,4-Dinitrotoluene	9.98	165	44413	6.13	ng	# 22
66) 4-Bromophenyl-phenylether	10.77	248	28896	4.61	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.08	149	35750	2.12	ng	100

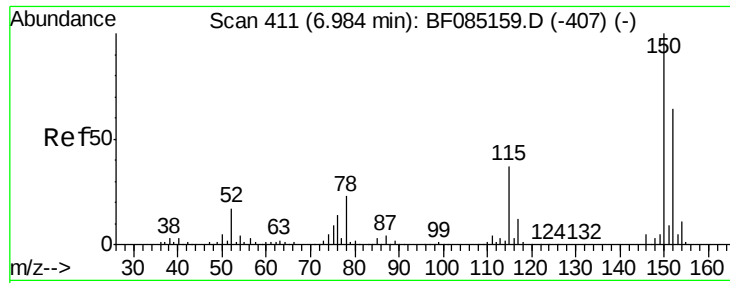
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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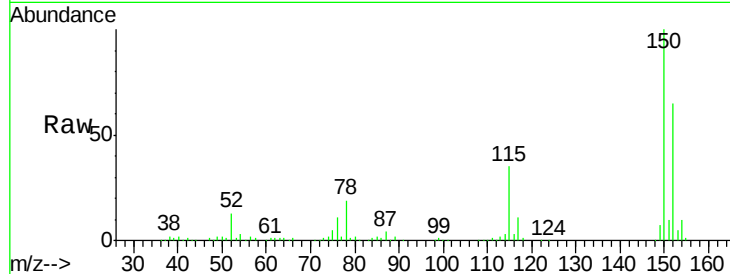


#1

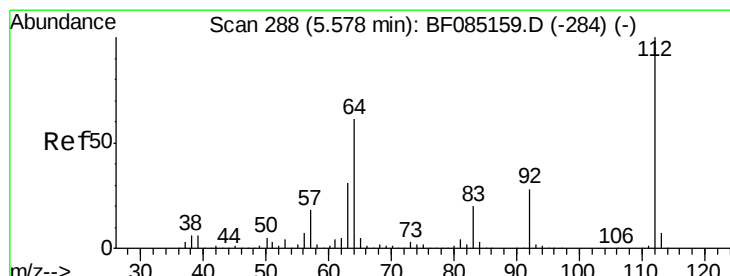
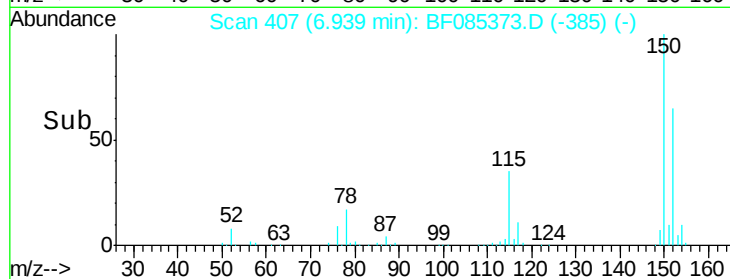
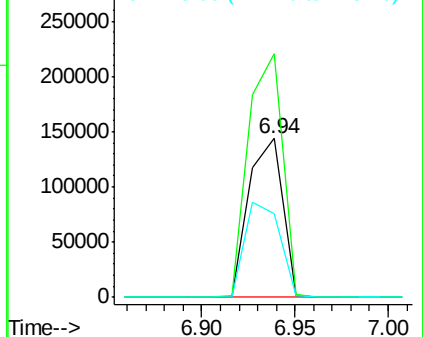
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.94 min Scan# 407
 Delta R.T. -0.05 min
 Lab File: BF085373.D
 Acq: 11 Mar 2016 15:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-20-COMP

Tgt Ion:152 Resp: 180816
 Ion Ratio Lower Upper
 152 100
 150 153.4 124.6 186.8
 115 53.0 46.6 70.0



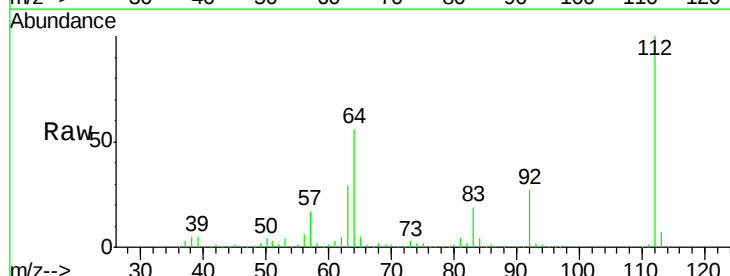
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



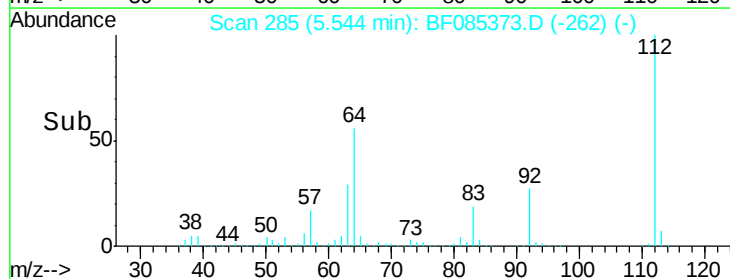
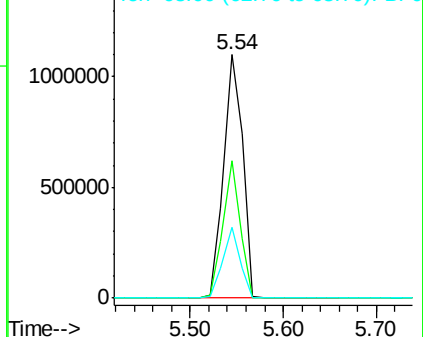
#5

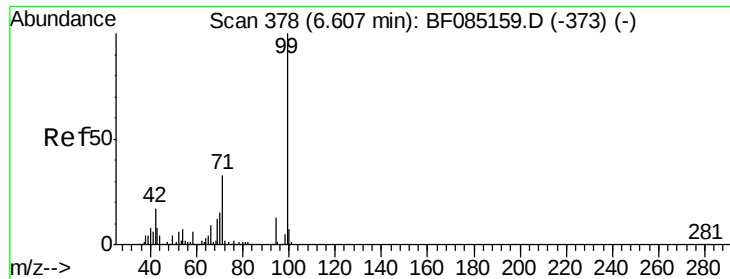
2-Fluorophenol
 Concen: 144.96 ng
 RT: 5.54 min Scan# 285
 Delta R.T. -0.03 min
 Lab File: BF085373.D
 Acq: 11 Mar 2016 15:41

Tgt Ion:112 Resp: 1562583
 Ion Ratio Lower Upper
 112 100
 64 56.5 49.0 73.4
 63 28.9 24.8 37.2



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: 152.70 ng

RT: 6.56 min Scan# 374

Delta R.T. -0.05 min

Lab File: BF085373.D

Acq: 11 Mar 2016 15:41

Instrument :

BNA_F

ClientSampleId :

SB-20-COMP

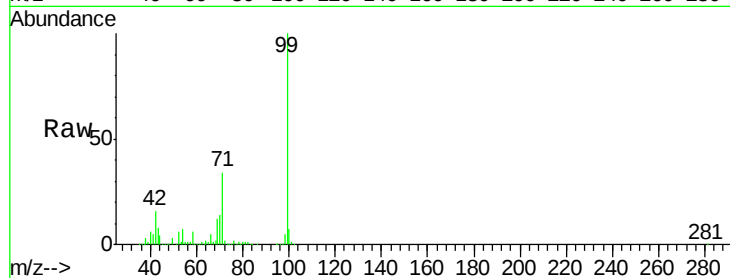
Tgt Ion: 99 Resp: 2156529

Ion Ratio Lower Upper

99 100

42 16.3 13.6 20.4

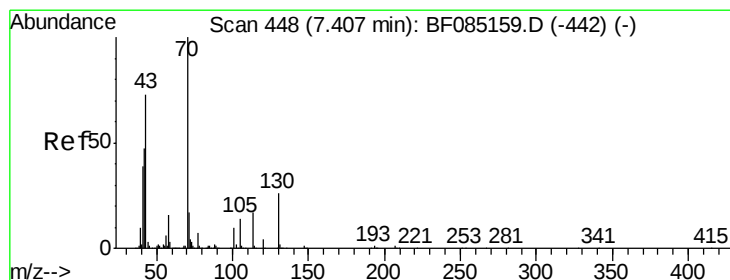
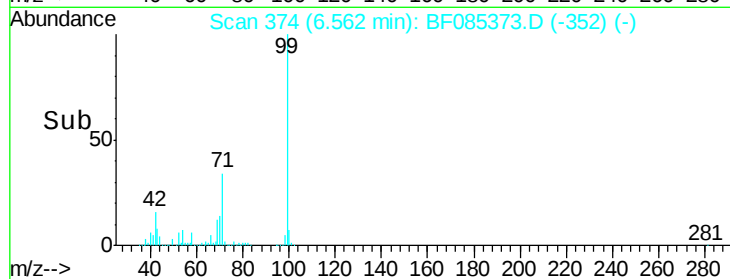
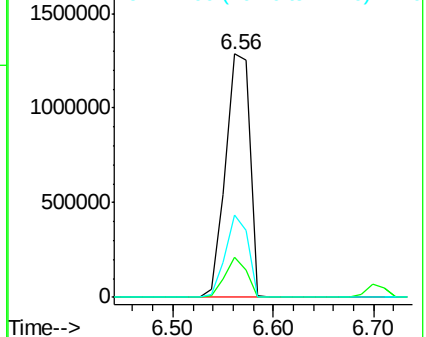
71 33.6 26.7 40.1



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.23 ng

RT: 7.50 min Scan# 456

Delta R.T. 0.09 min

Lab File: BF085373.D

Acq: 11 Mar 2016 15:41

Tgt Ion: 70 Resp: 158635

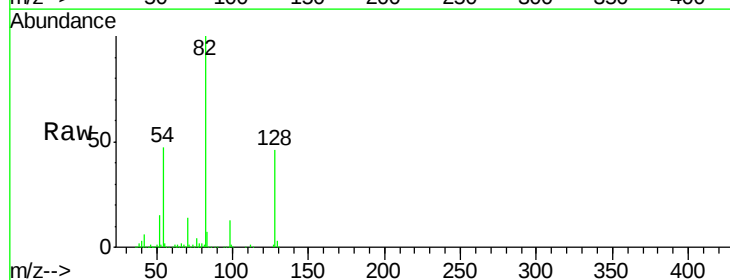
Ion Ratio Lower Upper

70 100

42 40.9 37.7 56.5

101 0.0 8.2 12.4#

130 2.3 20.5 30.7#

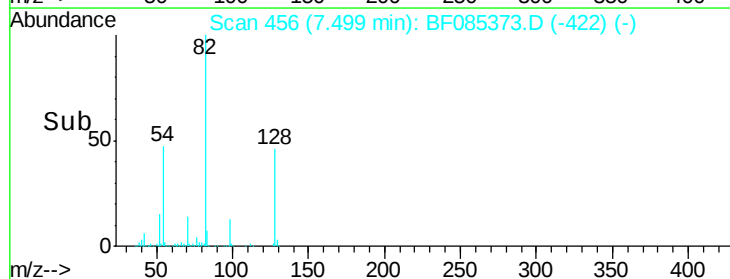
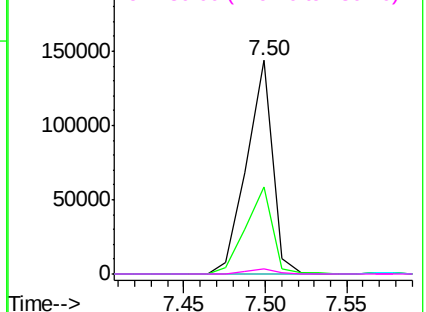


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.22 min Scan# 519

Delta R.T. -0.05 min

Lab File: BF085373.D

Acq: 11 Mar 2016 15:41

Instrument :

BNA_F

ClientSampleId :

SB-20-COMP

Tgt Ion:136 Resp: 731178

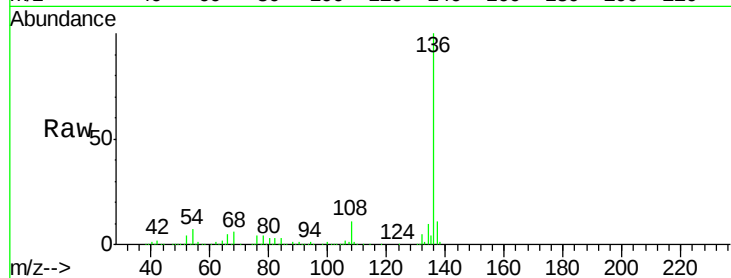
Ion Ratio Lower Upper

136 100

137 11.2 9.3 13.9

54 7.3 7.4 11.2#

68 6.1 6.0 9.0

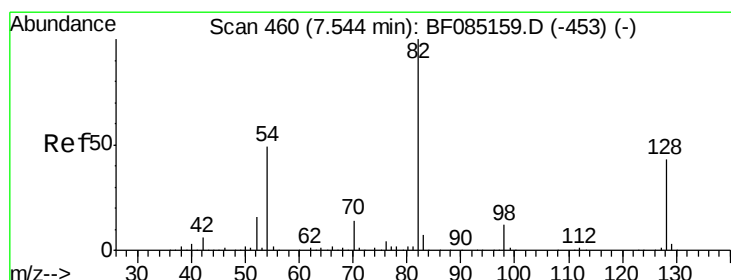
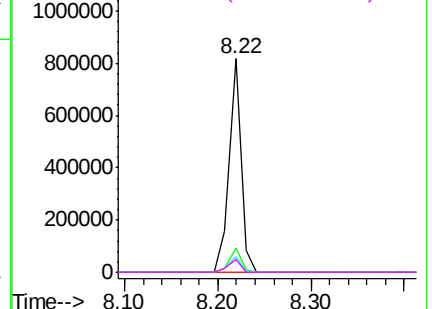
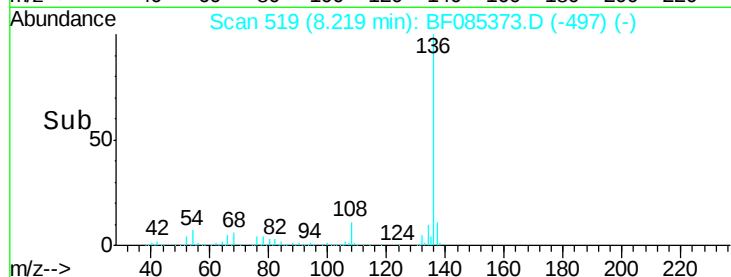


Abundance Ion 136.00 (135.70 to 136.70): E

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: 85.90 ng

RT: 7.50 min Scan# 456

Delta R.T. -0.05 min

Lab File: BF085373.D

Acq: 11 Mar 2016 15:41

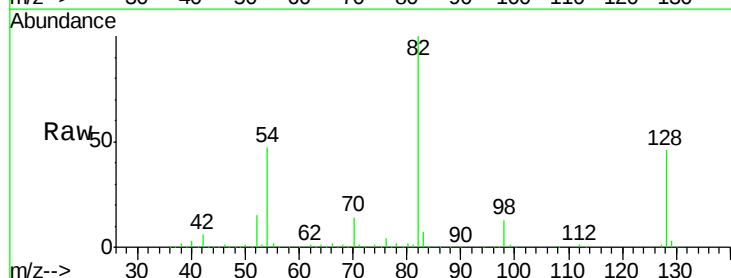
Tgt Ion: 82 Resp: 1173662

Ion Ratio Lower Upper

82 100

128 46.0 34.5 51.7

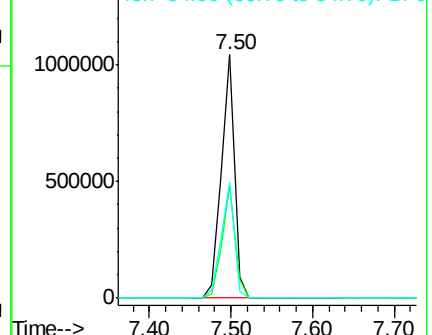
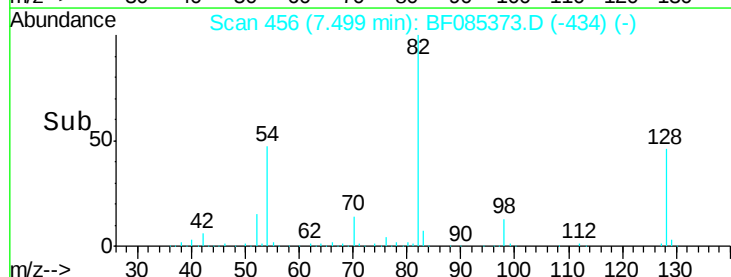
54 47.3 39.3 58.9

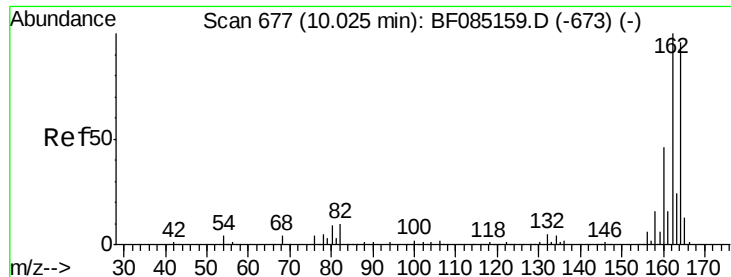


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.98 min Scan# 673

Delta R.T. -0.05 min

Lab File: BF085373.D

Acq: 11 Mar 2016 15:41

Instrument :

BNA_F

ClientSampleId :

SB-20-COMP

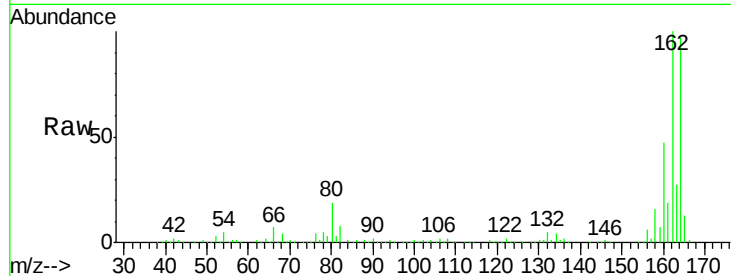
Tgt Ion:164 Resp: 344613

Ion Ratio Lower Upper

164 100

162 102.7 83.3 124.9

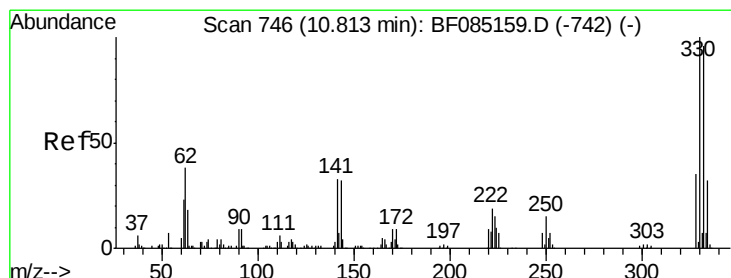
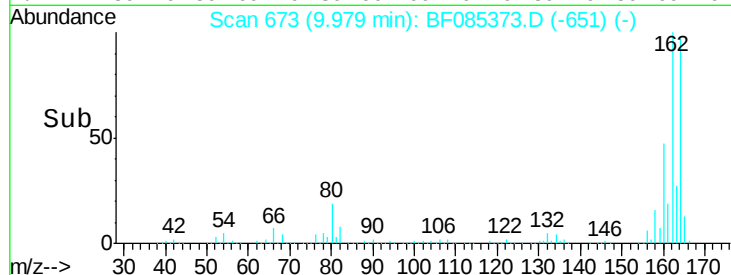
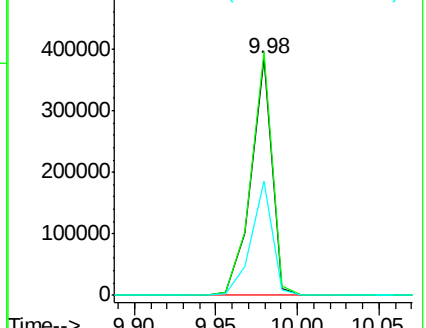
160 48.3 37.9 56.9



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: 142.28 ng

RT: 10.77 min Scan# 742

Delta R.T. -0.05 min

Lab File: BF085373.D

Acq: 11 Mar 2016 15:41

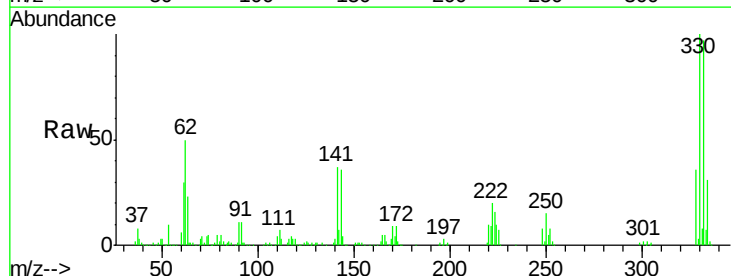
Tgt Ion:330 Resp: 419554

Ion Ratio Lower Upper

330 100

332 97.9 77.1 115.7

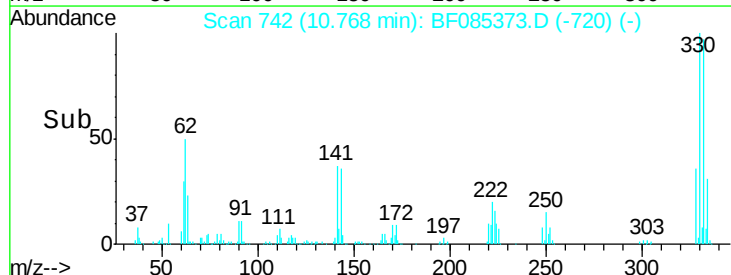
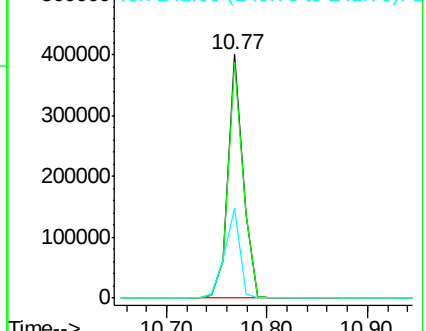
141 37.5 35.0 52.6

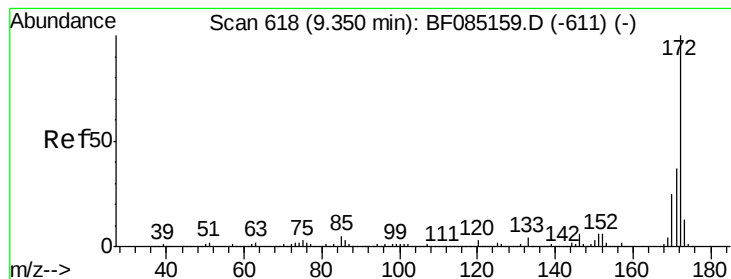


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

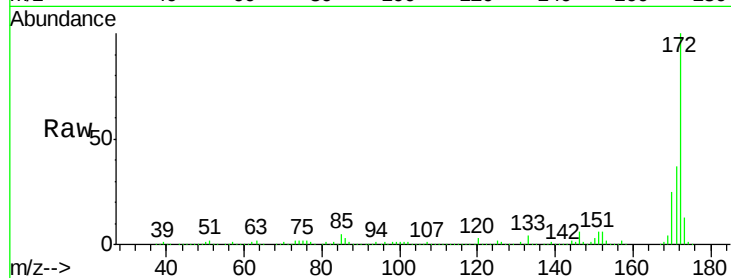




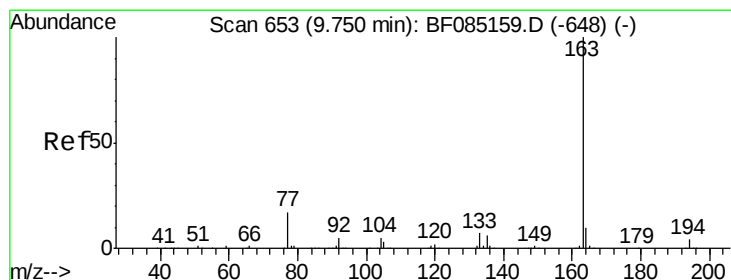
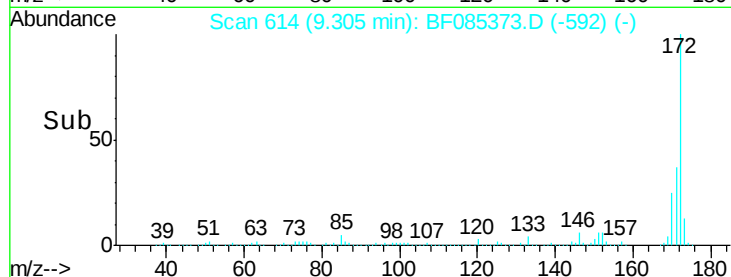
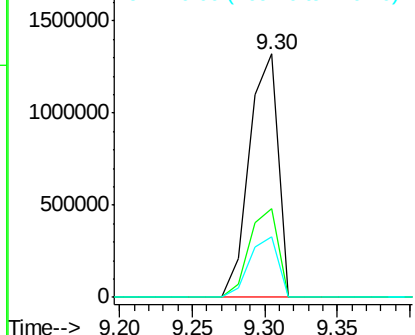
#44
2-Fluorobiphenyl
Concen: 80.22 ng
RT: 9.30 min Scan# 614
Delta R.T. -0.05 min
Lab File: BF085373.D
Acq: 11 Mar 2016 15:41

Instrument :
BNA_F
ClientSampleId :
SB-20-COMP

Tgt Ion:172 Resp: 1817714
Ion Ratio Lower Upper
172 100
171 36.6 29.3 43.9
170 25.0 20.0 30.0

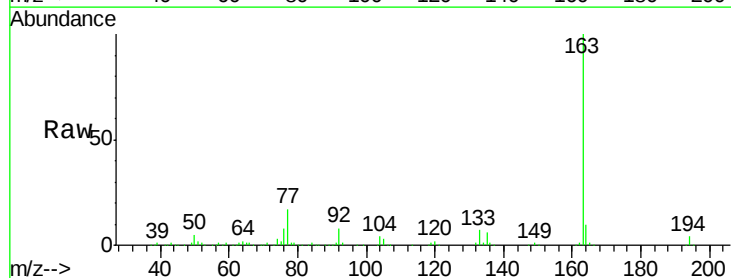


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

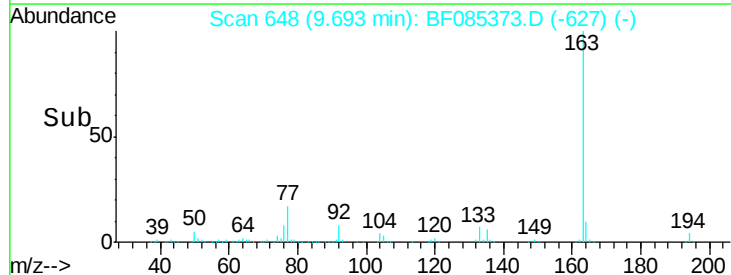
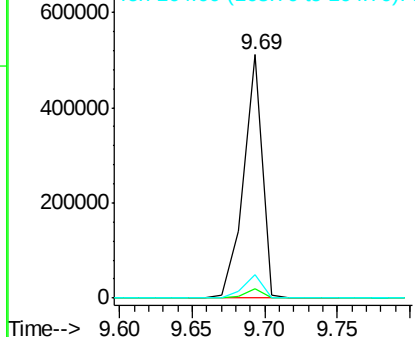


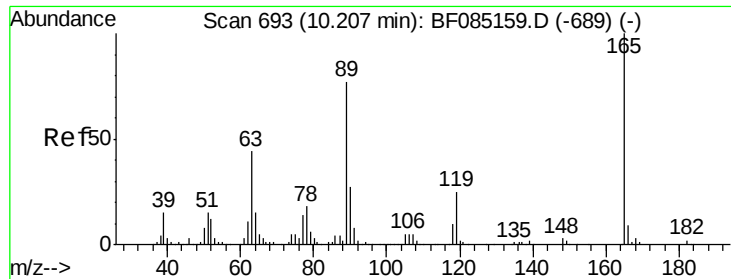
#49
Dimethylphthalate
Concen: 17.28 ng
RT: 9.69 min Scan# 648
Delta R.T. -0.06 min
Lab File: BF085373.D
Acq: 11 Mar 2016 15:41

Tgt Ion:163 Resp: 457072
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 9.9 8.2 12.4



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

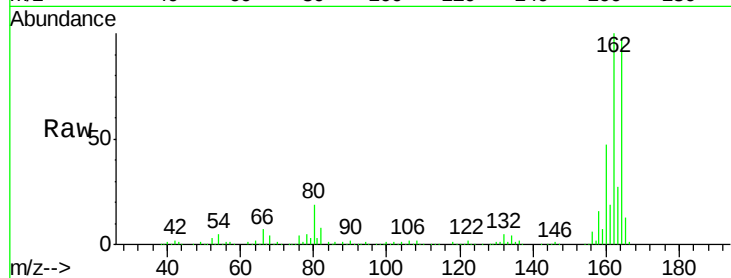




#56
 2,4-Dinitrotoluene
 Concen: 6.13 ng
 RT: 9.98 min Scan# 673
 Delta R.T. -0.23 min
 Lab File: BF085373.D
 Acq: 11 Mar 2016 15:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-20-COMP

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	35.4	53.0#
89	1.5	61.9	92.9#
182	0.0	1.9	2.9#

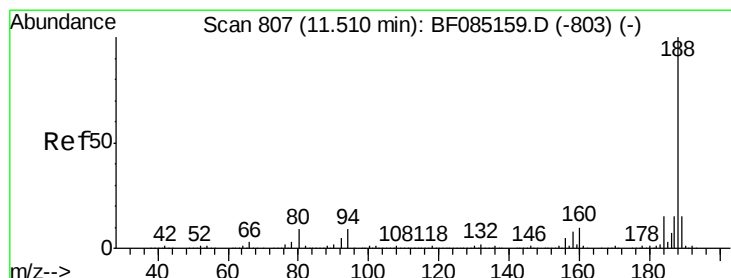
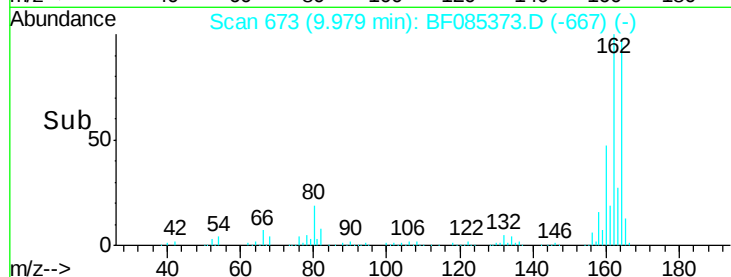
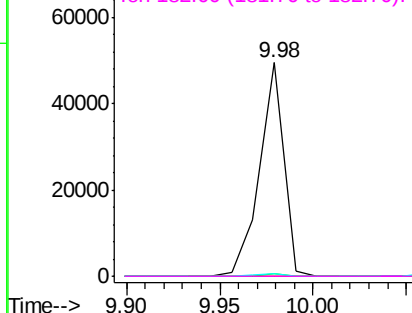


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

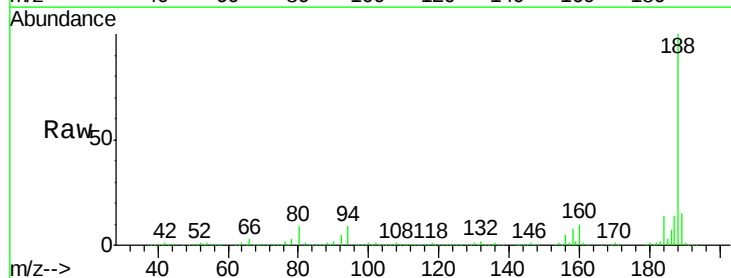
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.46 min Scan# 803
 Delta R.T. -0.05 min
 Lab File: BF085373.D
 Acq: 11 Mar 2016 15:41

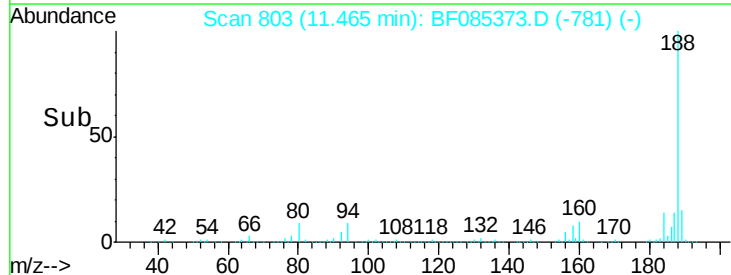
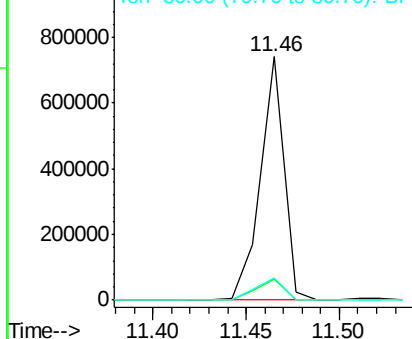
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.0	10.6
80	8.9	7.4	11.0

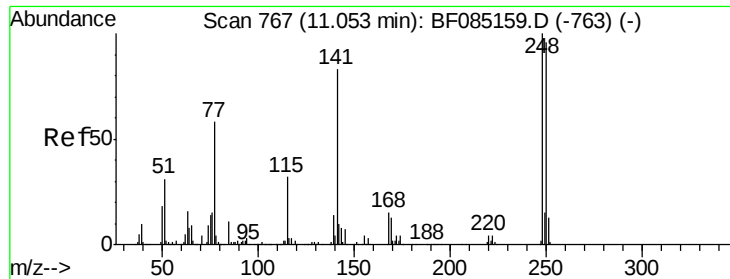


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

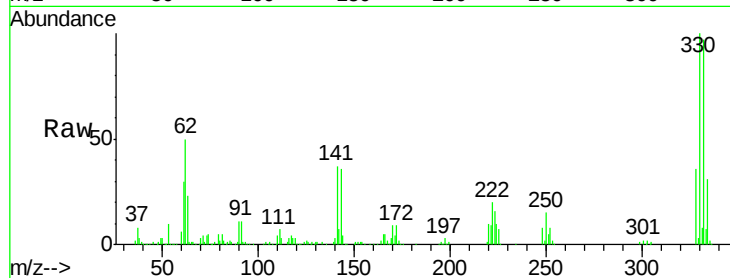




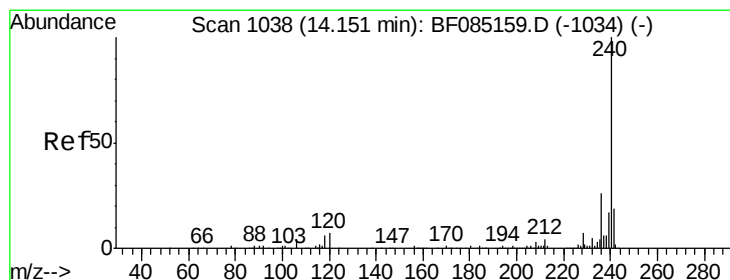
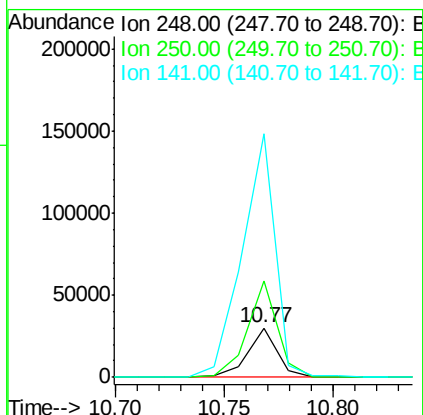
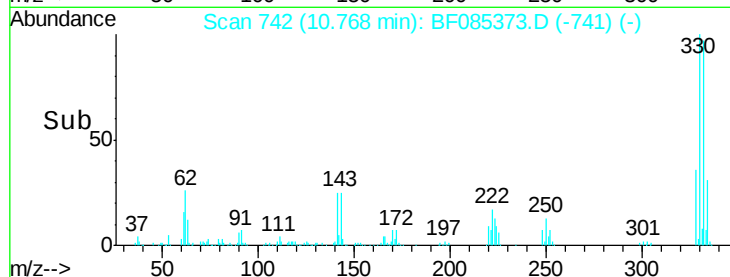
#66
 4-Bromophenyl-phenylether
 Concen: 4.61 ng
 RT: 10.77 min Scan# 742
 Delta R.T. -0.29 min
 Lab File: BF085373.D
 Acq: 11 Mar 2016 15:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-20-COMP

Tgt Ion:248 Resp: 28896
 Ion Ratio Lower Upper
 248 100
 250 194.2 77.1 115.7#
 141 491.3 66.2 99.2#

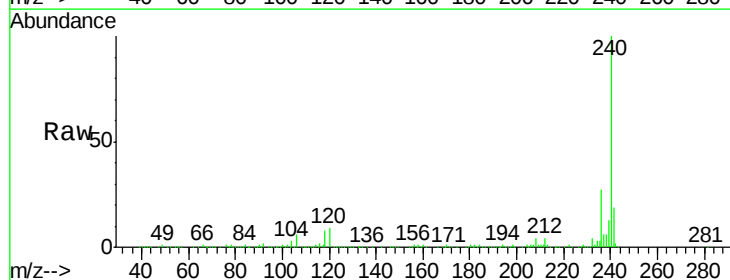


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

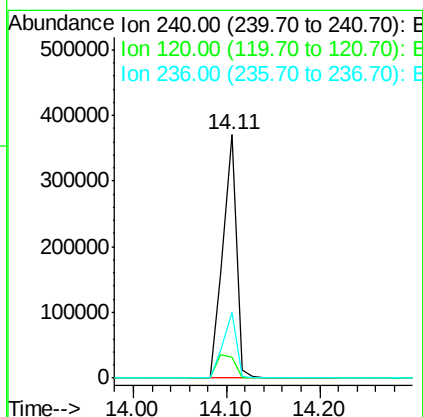
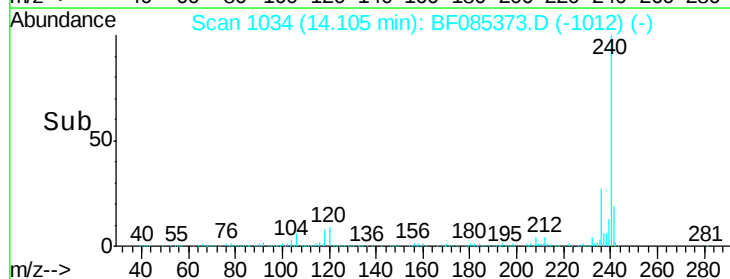


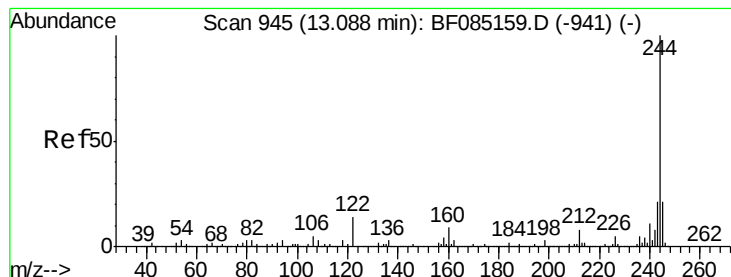
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.11 min Scan# 1034
 Delta R.T. -0.05 min
 Lab File: BF085373.D
 Acq: 11 Mar 2016 15:41

Tgt Ion:240 Resp: 374735
 Ion Ratio Lower Upper
 240 100
 120 8.8 5.3 7.9#
 236 26.7 20.7 31.1



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: 88.36 ng

RT: 13.05 min Scan# 942

Delta R.T. -0.03 min

Lab File: BF085373.D

Acq: 11 Mar 2016 15:41

Instrument :

BNA_F

ClientSampleId :

SB-20-COMP

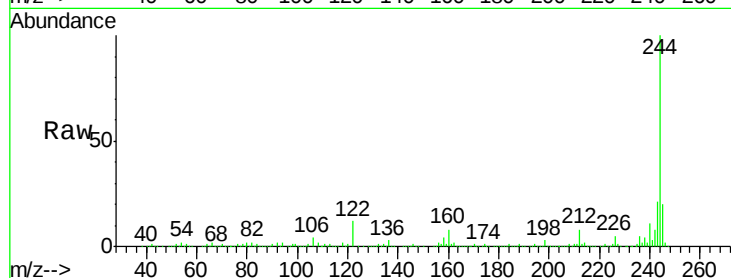
Tgt Ion:244 Resp: 1426282

Ion Ratio Lower Upper

244 100

212 7.5 6.4 9.6

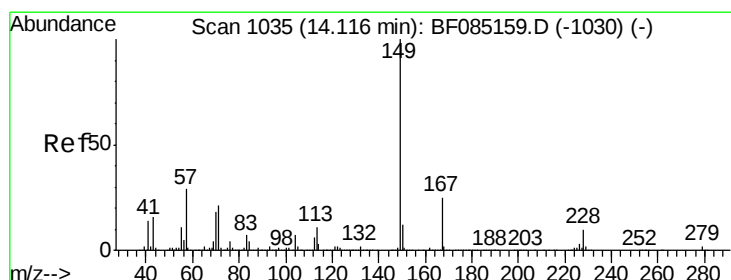
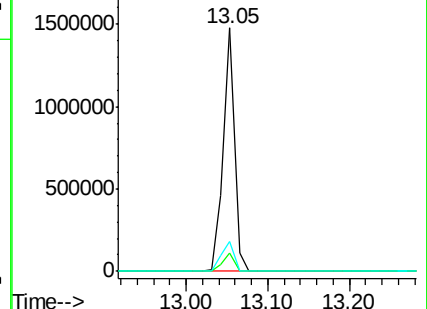
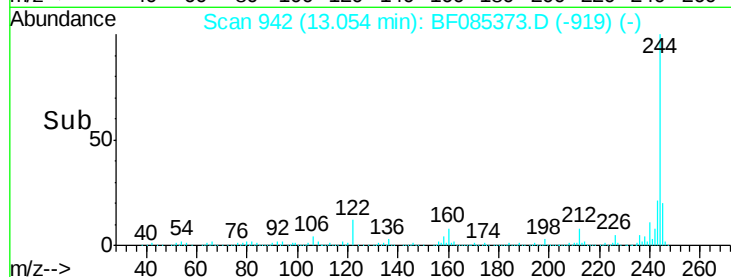
122 12.3 11.4 17.2



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.12 ng

RT: 14.08 min Scan# 1032

Delta R.T. -0.03 min

Lab File: BF085373.D

Acq: 11 Mar 2016 15:41

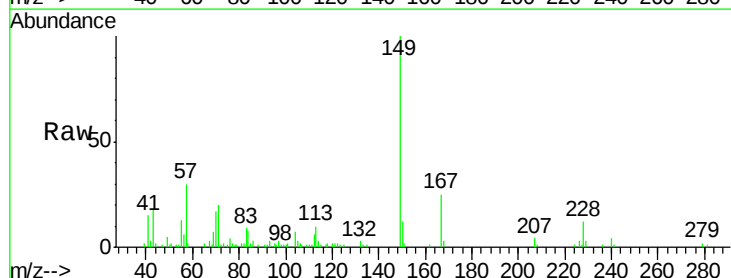
Tgt Ion:149 Resp: 35750

Ion Ratio Lower Upper

149 100

167 25.2 20.3 30.5

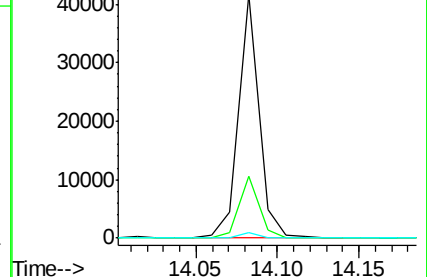
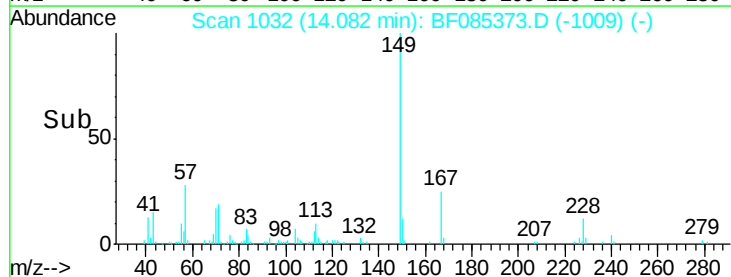
279 2.3 1.9 2.9

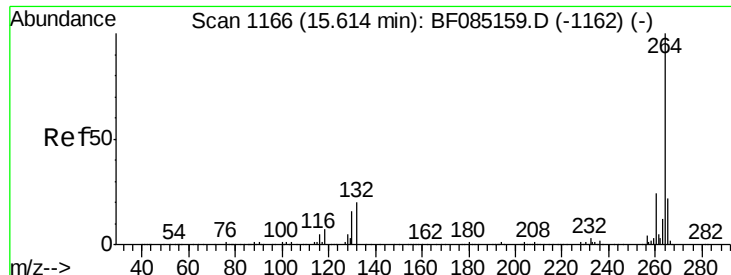


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

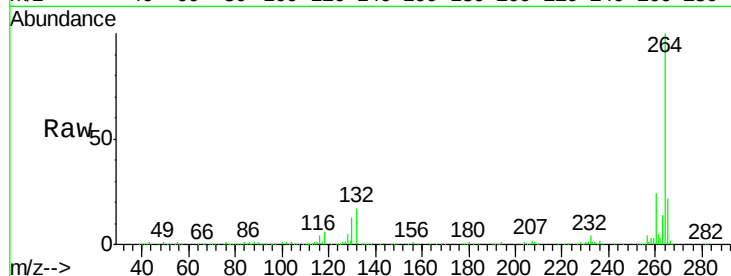




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 1162
Delta R.T. -0.05 min
Lab File: BF085373.D
Acq: 11 Mar 2016 15:41

Instrument :
BNA_F
ClientSampleId :
SB-20-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.9	17.3	25.9



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

