

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 23:35:59 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

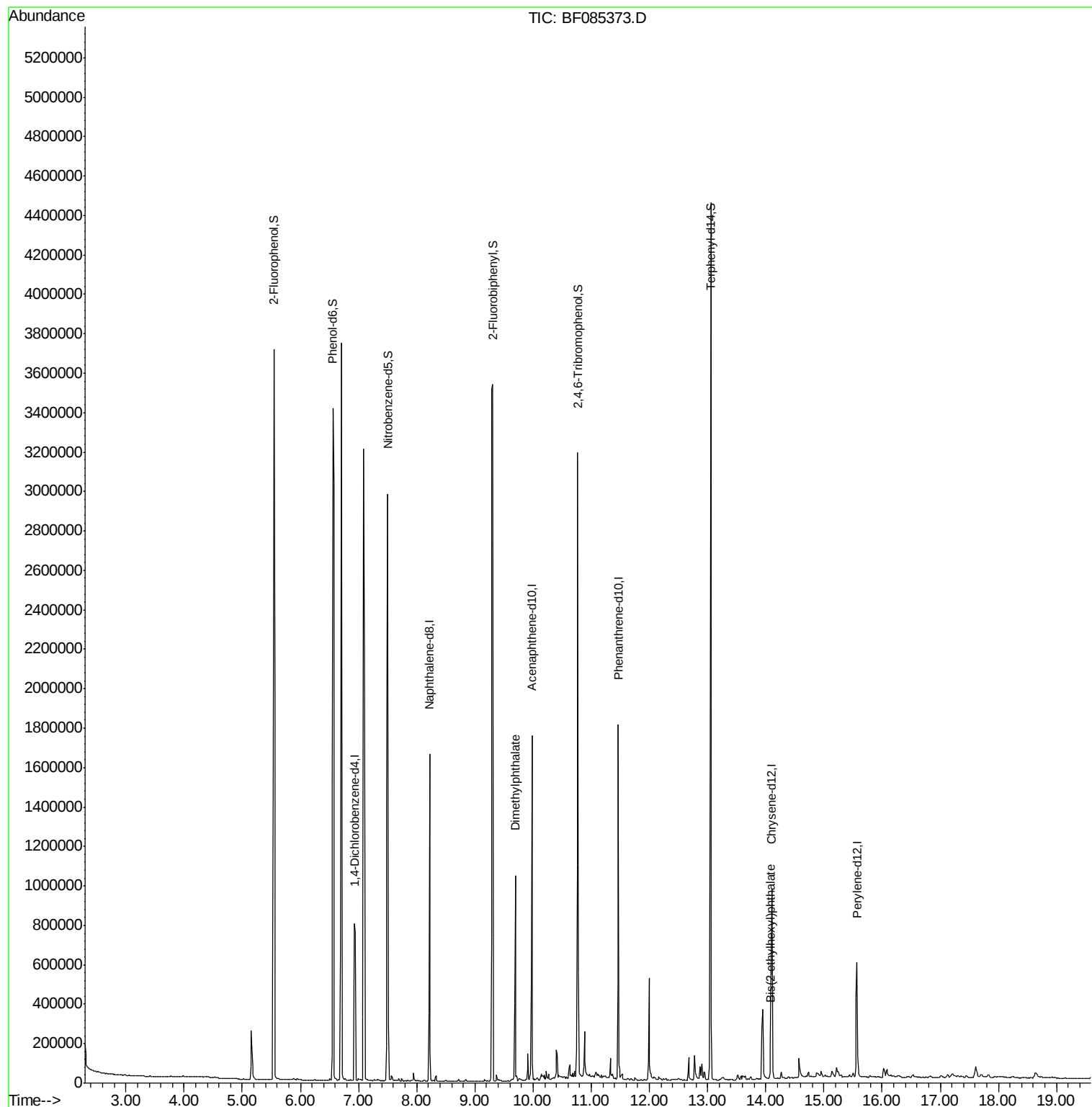
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	180816	20.00	ng	-0.05
21) Naphthalene-d8	8.22	136	731178	20.00	ng	-0.05
38) Acenaphthene-d10	9.98	164	344613	20.00	ng	-0.05
63) Phenanthrene-d10	11.46	188	645610	20.00	ng	-0.05
75) Chrysene-d12	14.11	240	374735	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						
49) Dimethylphthalate	9.69	163	457072	17.28	ng	99
83) Bis(2-ethylhexyl)phthalate	14.08	149	35750	2.12	ng	100

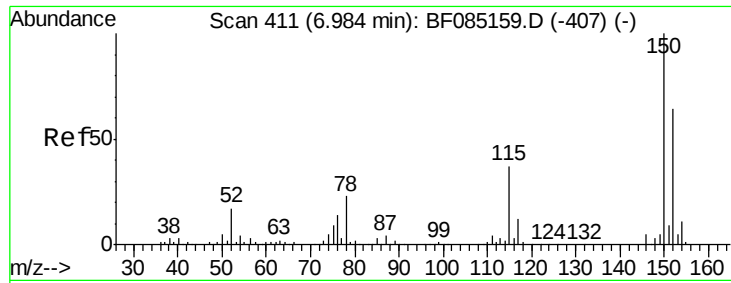
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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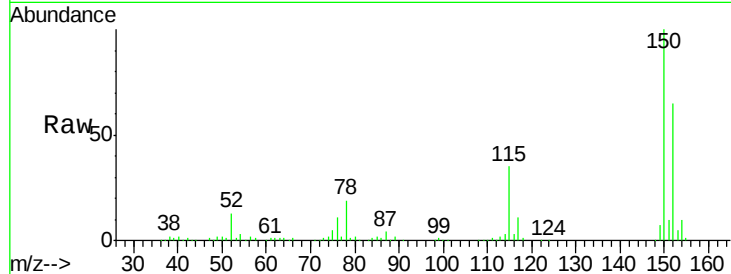


#1

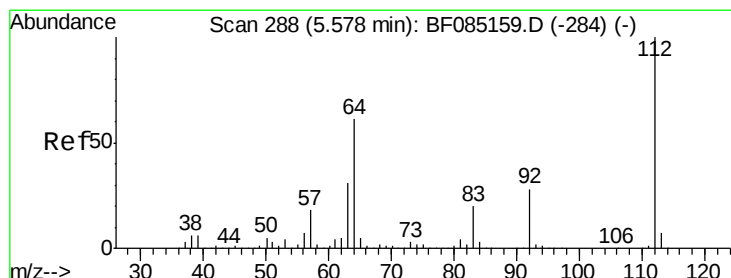
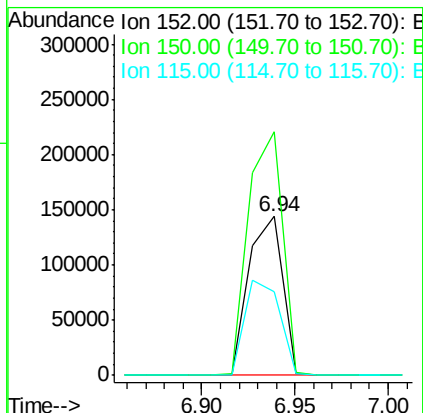
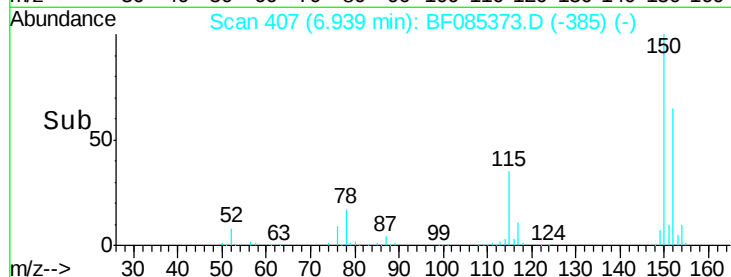
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.94 min Scan# 407
 Delta R.T. -0.05 min
 Lab File: BF085373.D
 Acq: 11 Mar 2016 15:41

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



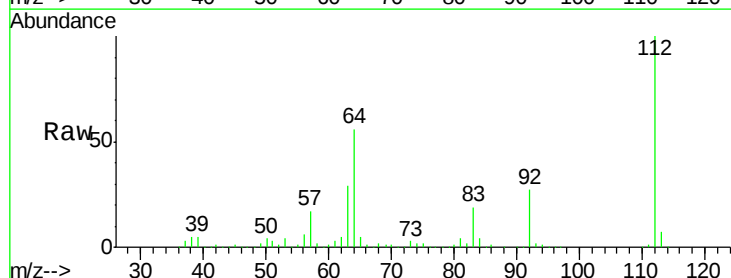
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



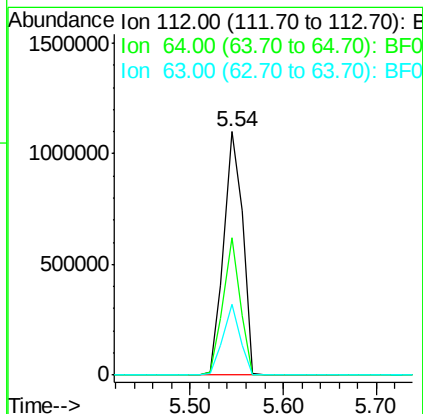
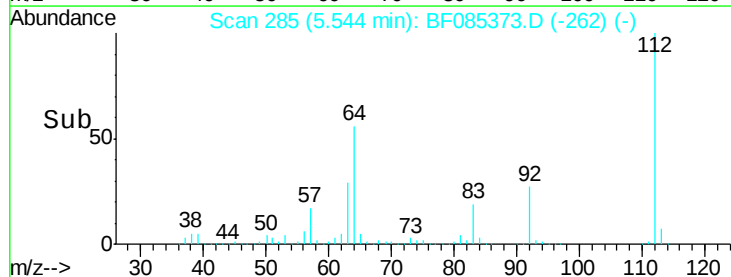
#5

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

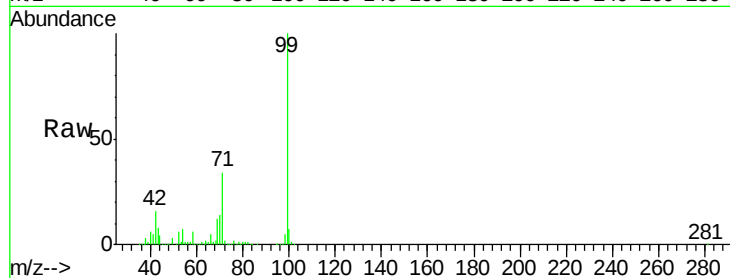
Tgt Ion: 99 Resp: 2156529

Ion Ratio Lower Upper

99 100

42 16.3 13.6 20.4

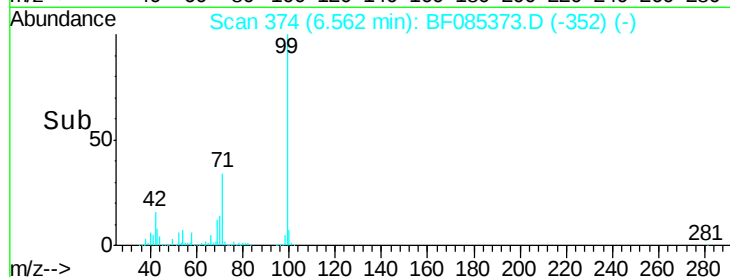
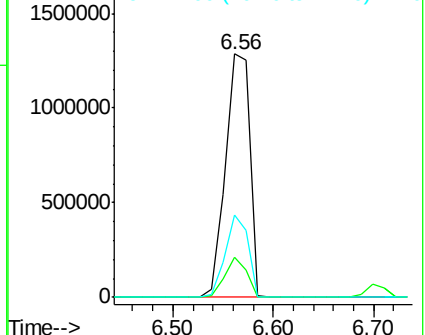
71 33.6 26.7 40.1



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



#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

Tgt Ion: 136 Resp: 731178

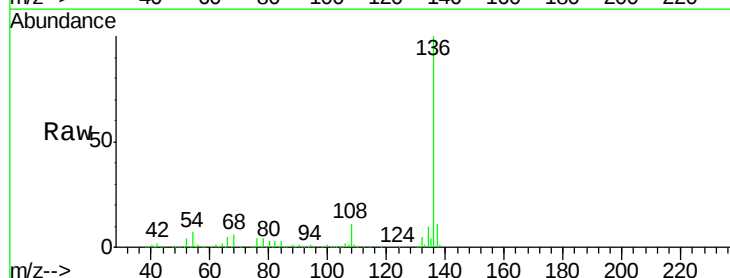
Ion Ratio Lower Upper

136 100

137 11.2 9.3 13.9

54 7.3 7.4 11.2#

68 6.1 6.0 9.0

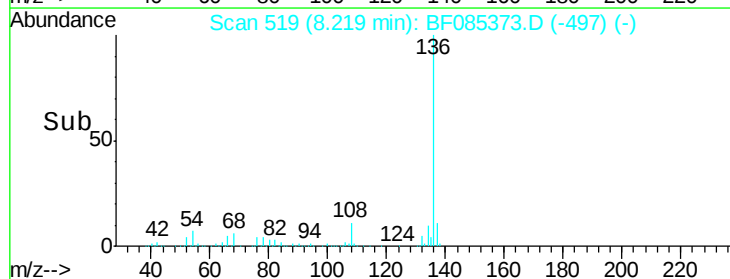
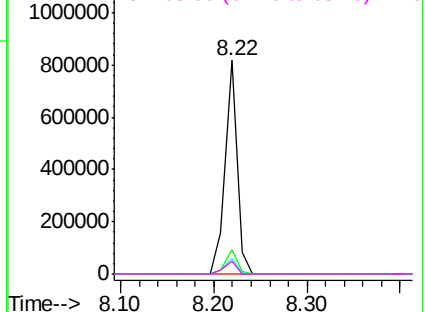


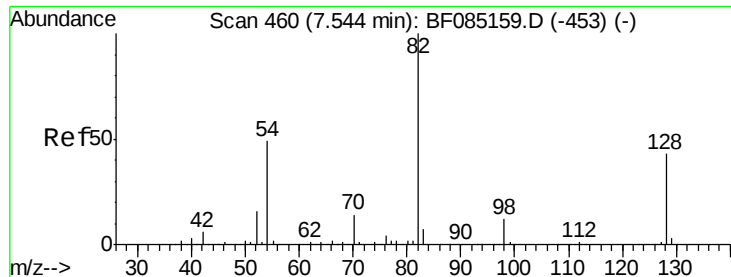
Abundance Ion 136.00 (135.70 to 136.70): E

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

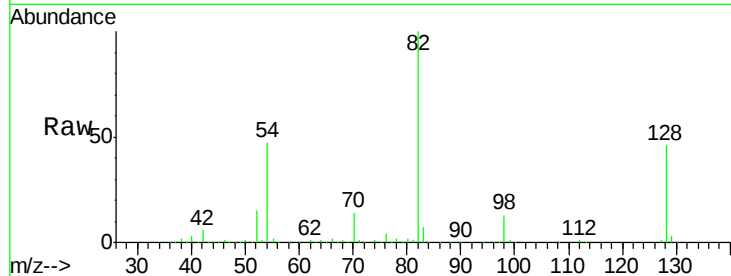




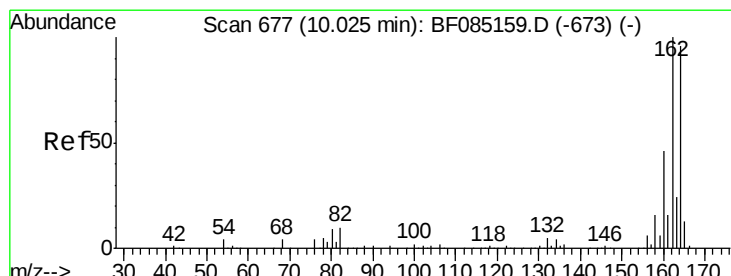
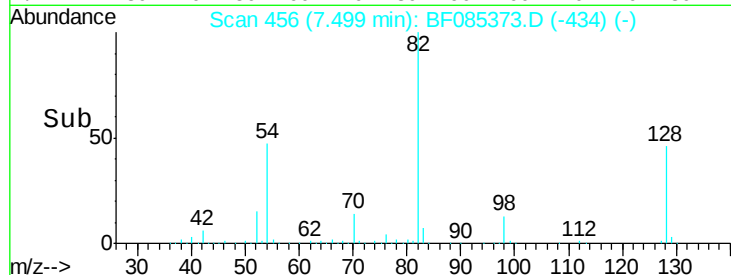
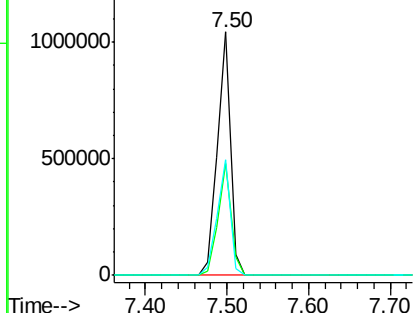
#23
 Nitrobenzene-d5
 Concen: 85.90 ng
 RT: 7.50 min Scan# 456
 Delta R.T. -0.05 min
 Lab File: BF085373.D
 Acq: 11 Mar 2016 15:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-20-COMP

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

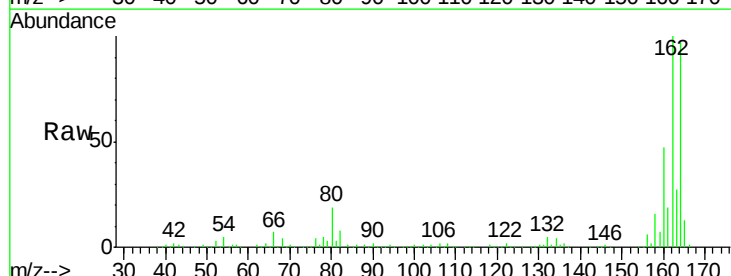


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

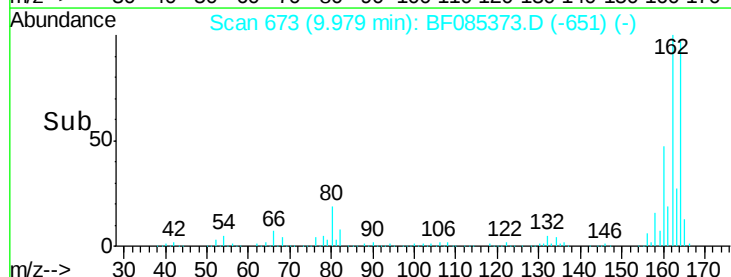
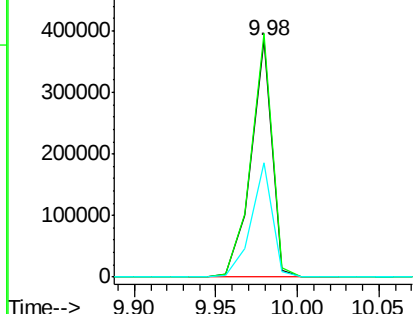


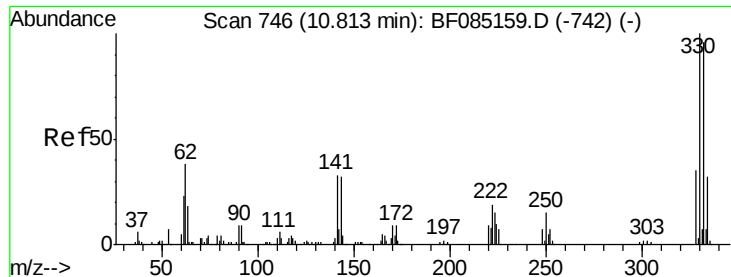
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.98 min Scan# 673
 Delta R.T. -0.05 min
 Lab File: BF085373.D
 Acq: 11 Mar 2016 15:41

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

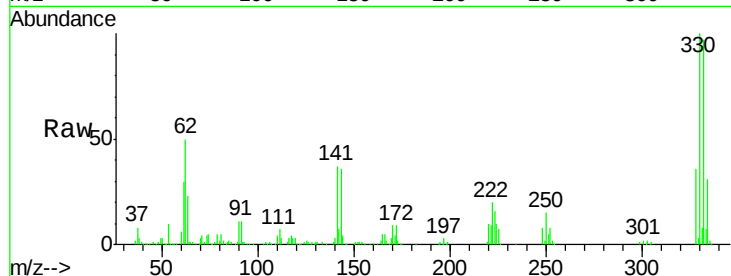




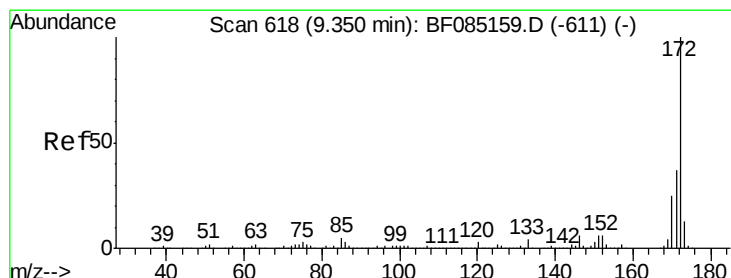
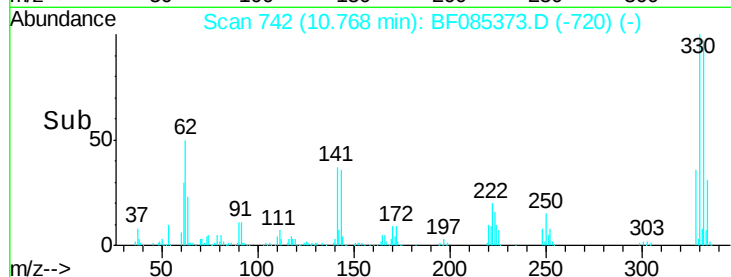
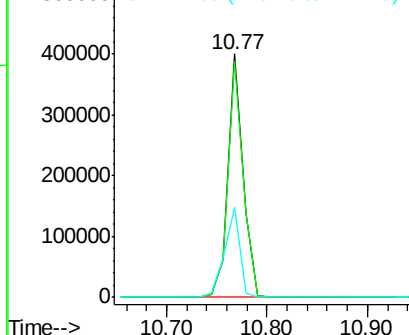
#41
 2,4,6-Tribromophenol
 Concen: 142.28 ng
 RT: 10.77 min Scan# 742
 Delta R.T. -0.05 min
 Lab File: BF085373.D
 Acq: 11 Mar 2016 15:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-20-COMP

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

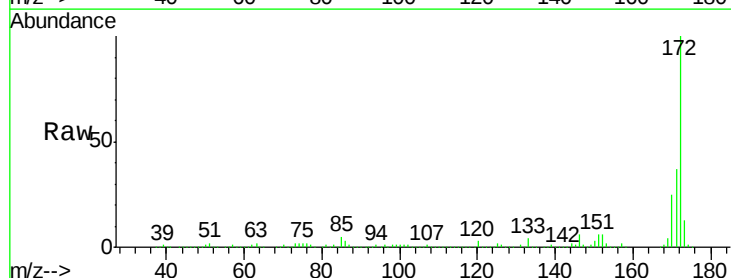


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

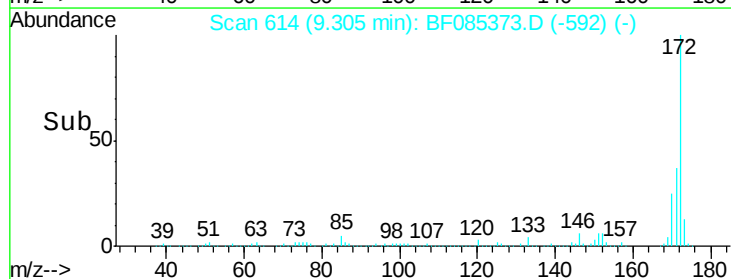
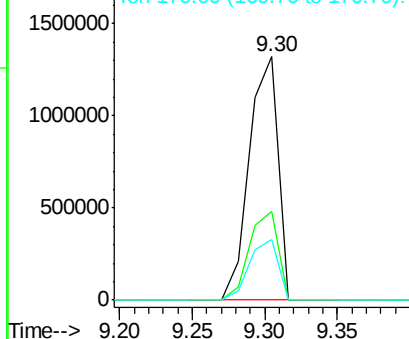


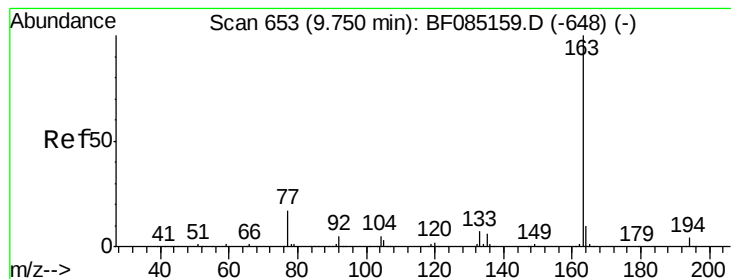
#44
 2-Fluorobiphenyl
 Concen: 80.22 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.05 min
 Lab File: BF085373.D
 Acq: 11 Mar 2016 15:41

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

Instrument :

BNA_F

ClientSampleId :

SB-20-COMP

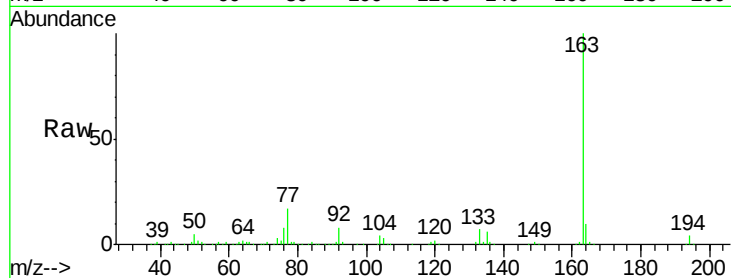
Tgt Ion:163 Resp: 457072

Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

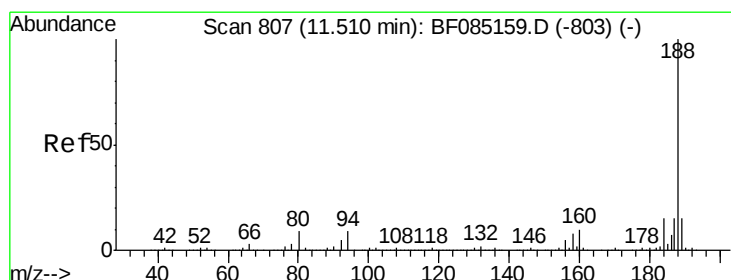
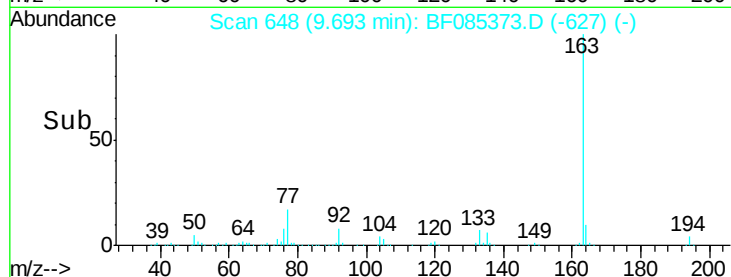
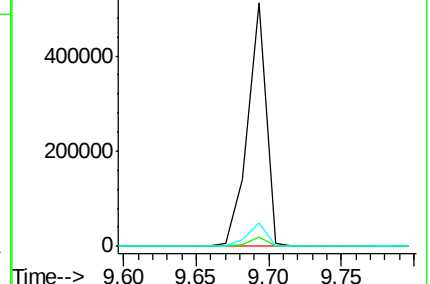
164 9.9 8.2 12.4



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



#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

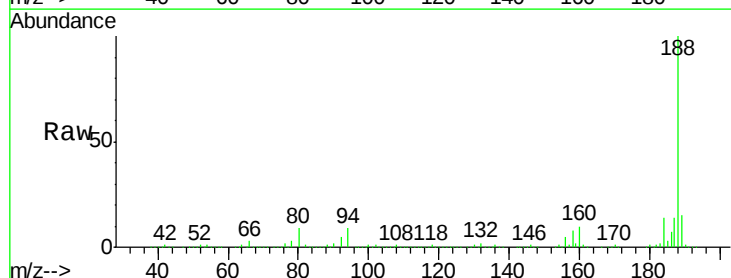
Tgt Ion:188 Resp: 645610

Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.6

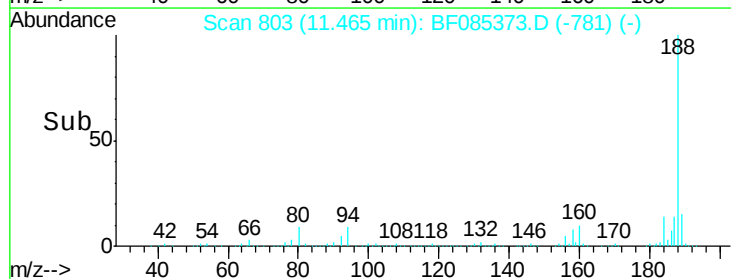
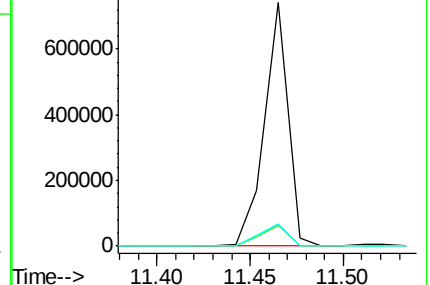
80 8.9 7.4 11.0

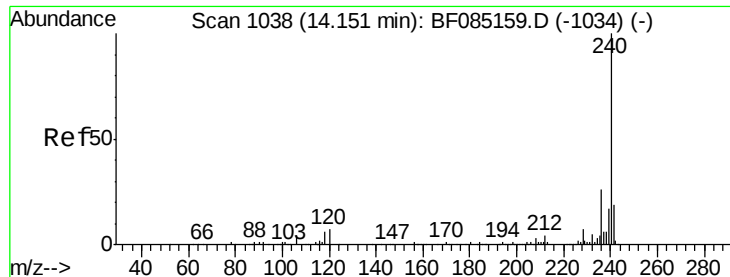


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#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

Instrument :

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ClientSampleId :

SB-20-COMP

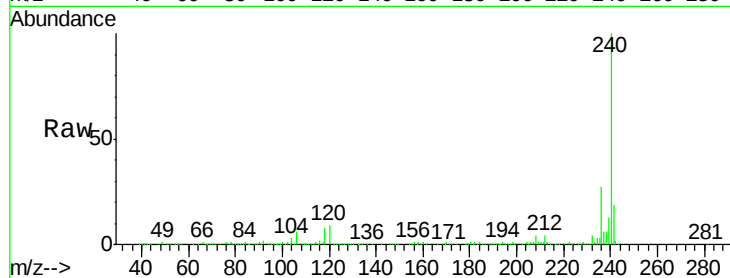
Tgt Ion:240 Resp: 374735

Ion Ratio Lower Upper

240 100

120 8.8 5.3 7.9#

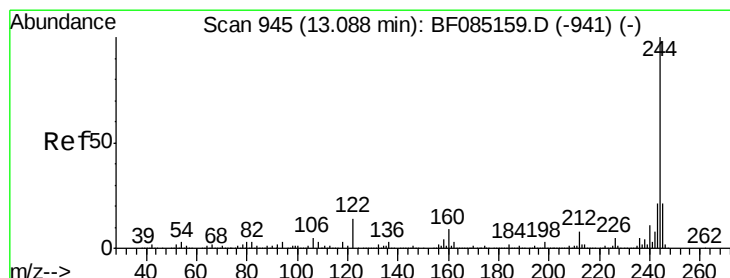
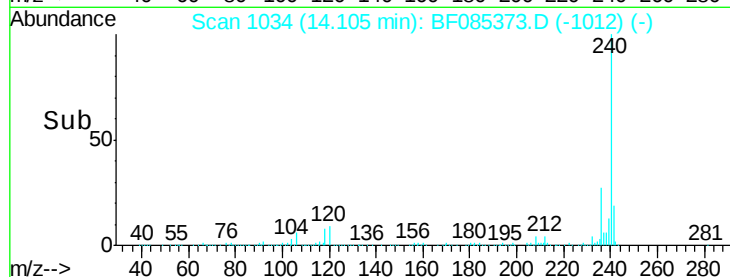
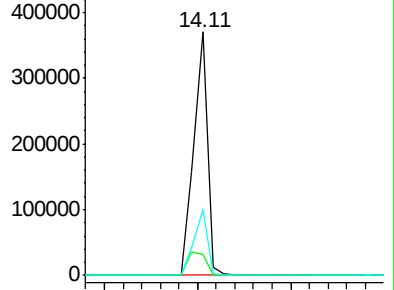
236 26.7 20.7 31.1



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

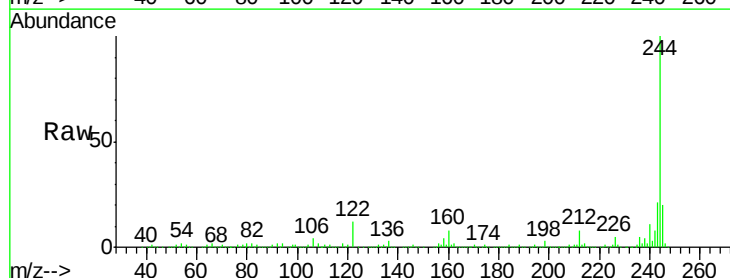
Tgt Ion:244 Resp: 1426282

Ion Ratio Lower Upper

244 100

212 7.5 6.4 9.6

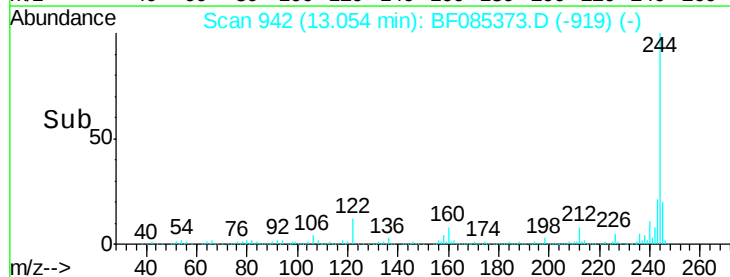
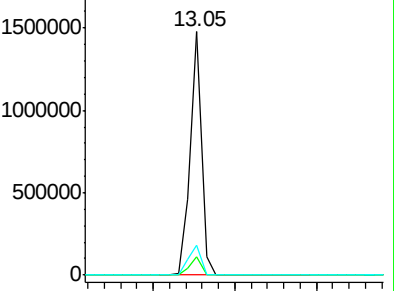
122 12.3 11.4 17.2

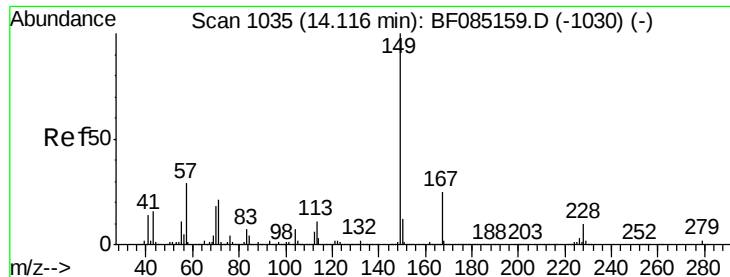


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

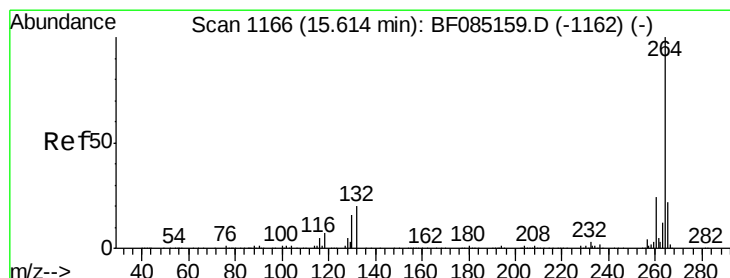
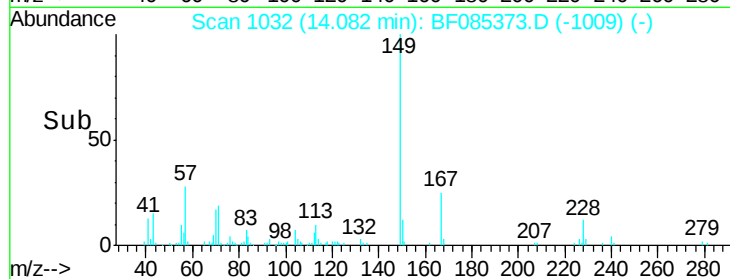
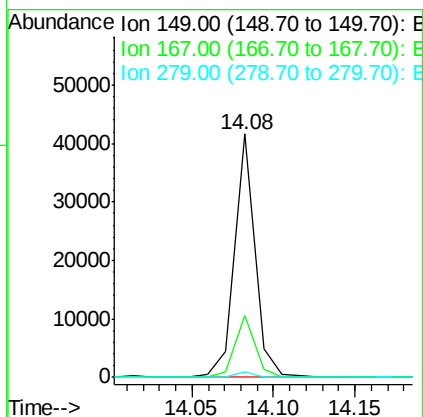
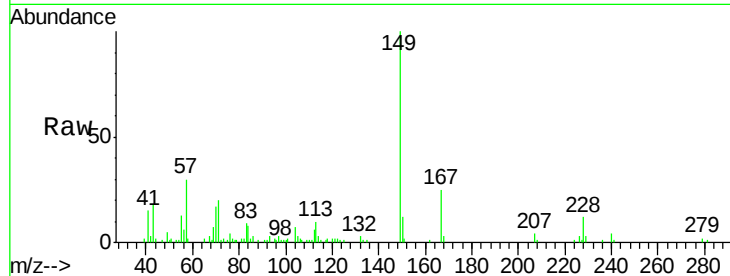




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.12 ng
 RT: 14.08 min Scan# 1032
 Delta R.T. -0.03 min
 Lab File: BF085373.D
 Acq: 11 Mar 2016 15:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-20-COMP

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



#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

Tgt Ion:264 Resp: 283357
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 21.9 17.3 25.9

