

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
 Data File : BF085006.D
 Acq On : 10 Feb 2016 21:23
 Operator : SJ/IZ
 Sample : H1396-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B002(27-29)

Quant Time: Feb 11 00:59:04 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 10 13:28:51 2016
 Response via : Initial Calibration

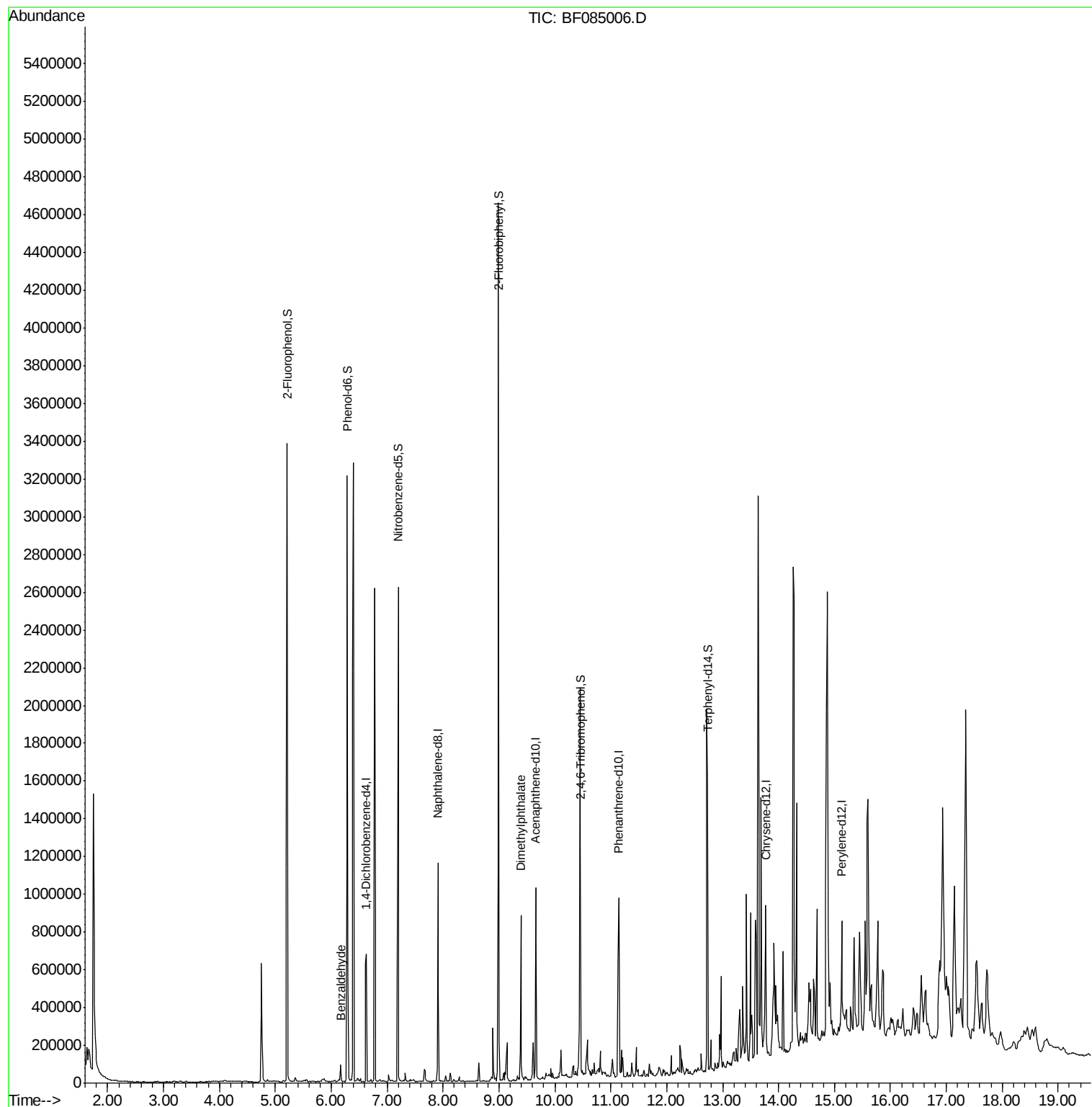
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	148846	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	575423	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	259761	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	442679	20.00	ng	0.00
75) Chrysene-d12	13.77	240	294662	20.00	ng	0.00
86) Perylene-d12	15.13	264	264481	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	941383	98.51	ng	0.01
7) Phenol-d6	6.28	99	1167161	98.52	ng	0.00
23) Nitrobenzene-d5	7.20	82	910120	89.10	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	322216	118.92	ng	0.00
44) 2-Fluorobiphenyl	8.99	172	1321368	85.99	ng	0.00
78) Terphenyl-d14	12.73	244	826407	63.55	ng	0.00
Target Compounds						
9) Benzaldehyde	6.17	77	24010	3.43	ng	Qvalue 88
49) Dimethylphthalate	9.39	163	312010	15.77	ng	# 91

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.63 min Scan# 441

Delta R.T. 0.00 min

Lab File: BF085006.D

Acq: 10 Feb 2016 21:23

Instrument :

BNA_F

ClientSampleId :

S4-B002(27-29)

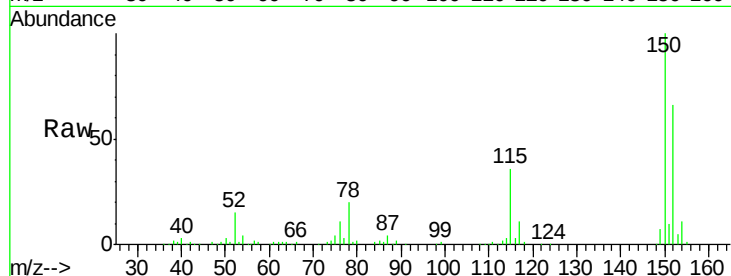
Tgt Ion:152 Resp: 148846

Ion Ratio Lower Upper

152 100

150 150.9 123.0 184.4

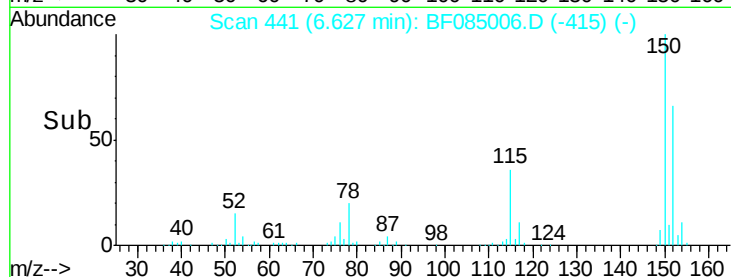
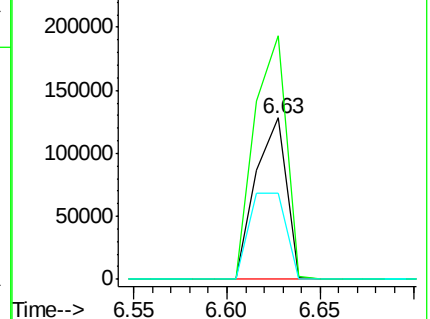
115 53.7 51.4 77.2



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: 98.51 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.01 min

Lab File: BF085006.D

Acq: 10 Feb 2016 21:23

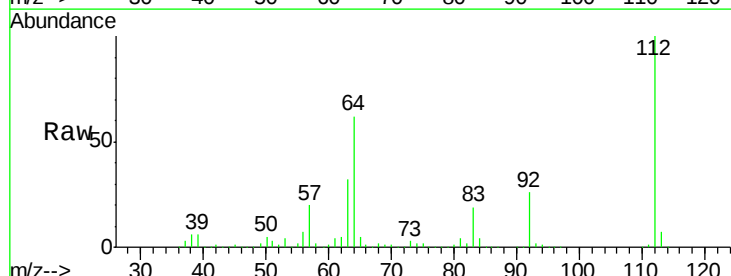
Tgt Ion:112 Resp: 941383

Ion Ratio Lower Upper

112 100

64 62.3 36.6 55.0#

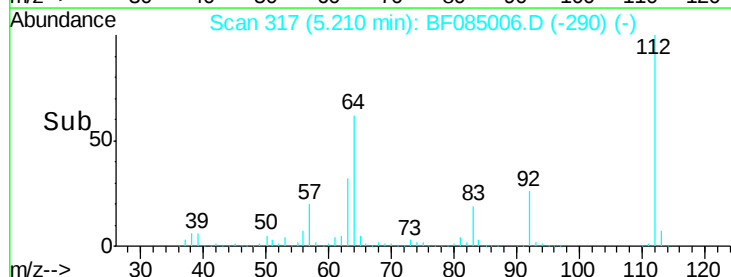
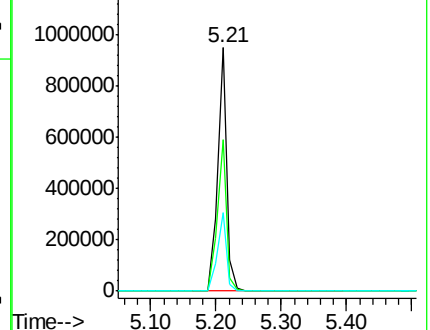
63 32.0 19.4 29.0#



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: 98.52 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF085006.D

Acq: 10 Feb 2016 21:23

Instrument :

BNA_F

ClientSampleId :

S4-B002(27-29)

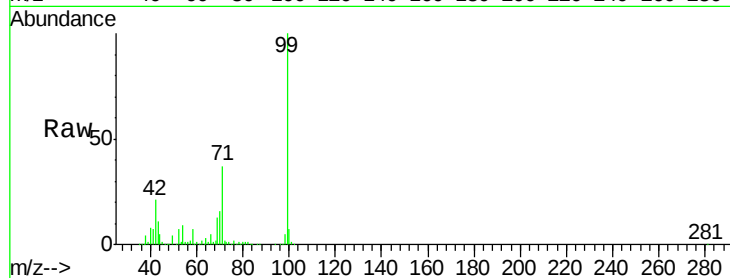
Tgt Ion: 99 Resp: 1167161

Ion Ratio Lower Upper

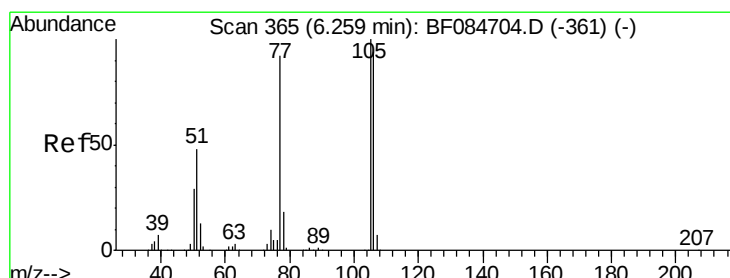
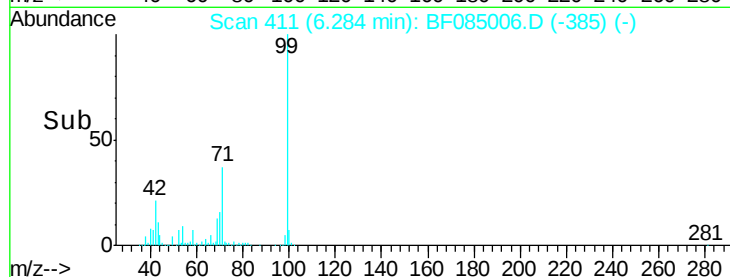
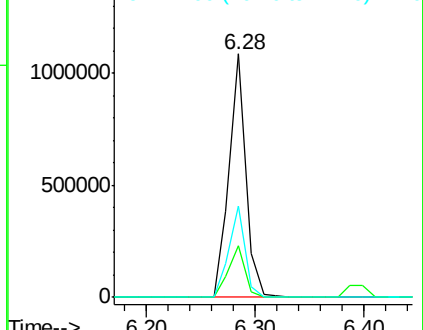
99 100

42 21.0 12.8 19.2#

71 37.5 30.9 46.3



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



#9

Benzaldehyde

Concen: 3.43 ng

RT: 6.17 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF085006.D

Acq: 10 Feb 2016 21:23

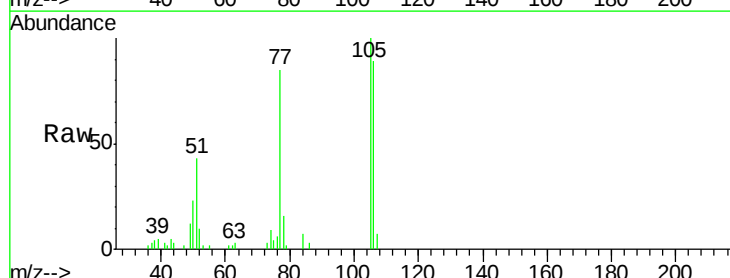
Tgt Ion: 77 Resp: 24010

Ion Ratio Lower Upper

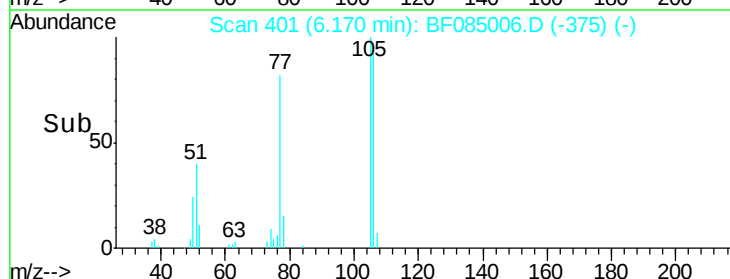
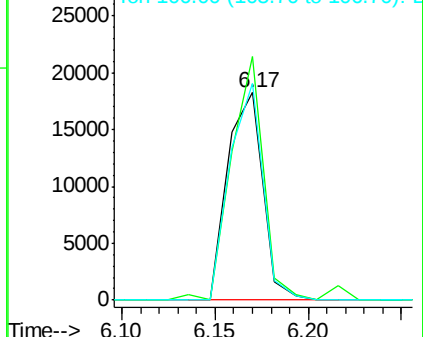
77 100

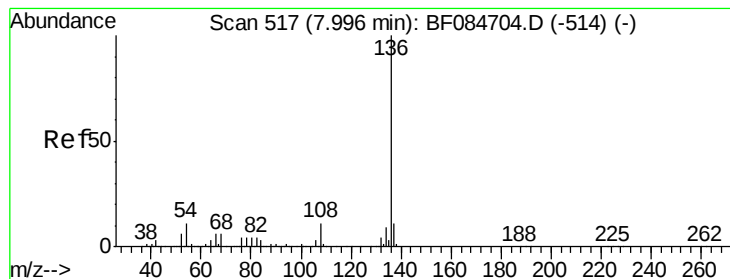
105 117.3 83.0 123.0

106 104.3 74.6 114.6



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF085006.D

Acq: 10 Feb 2016 21:23

Instrument :

BNA_F

ClientSampleId :

S4-B002(27-29)

Tgt Ion: 136 Resp: 575423

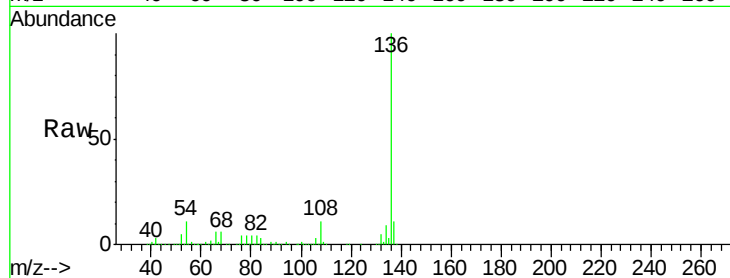
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 10.7 5.8 8.8#

68 5.9 4.2 6.2

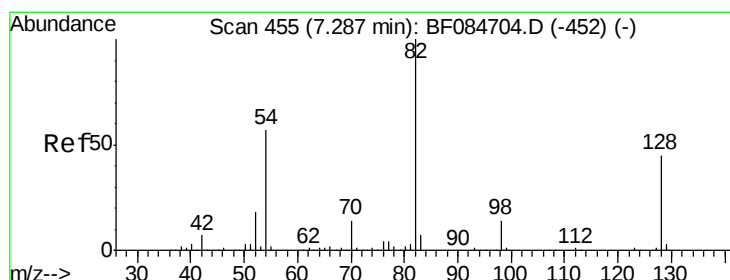
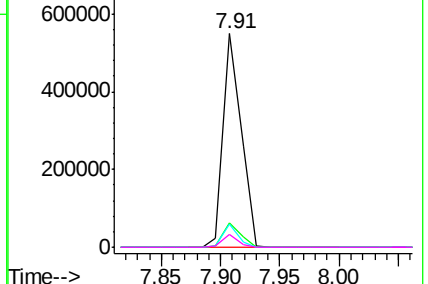
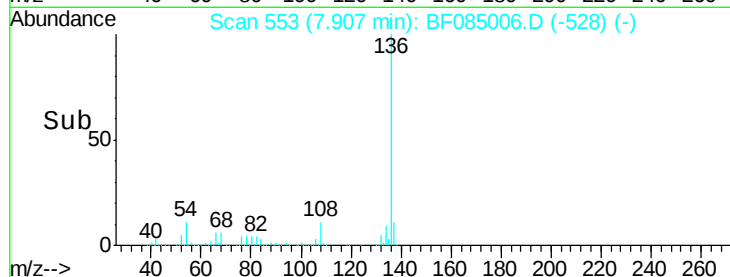


Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.10 ng

RT: 7.20 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF085006.D

Acq: 10 Feb 2016 21:23

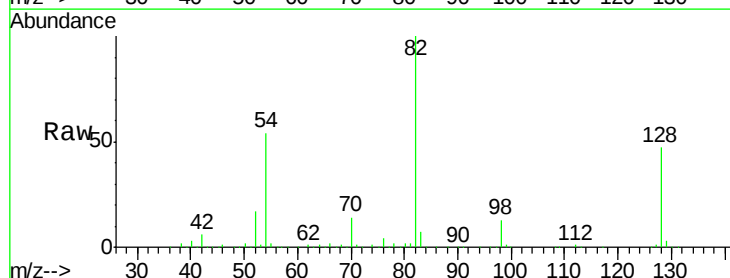
Tgt Ion: 82 Resp: 910120

Ion Ratio Lower Upper

82 100

128 46.5 34.6 51.8

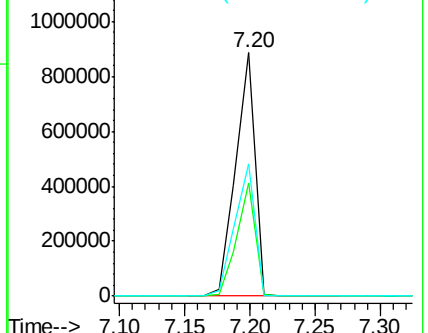
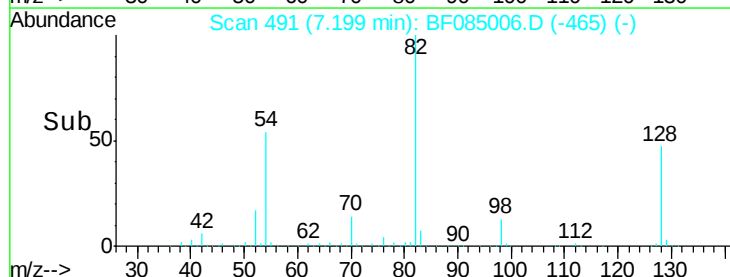
54 54.2 38.4 57.6

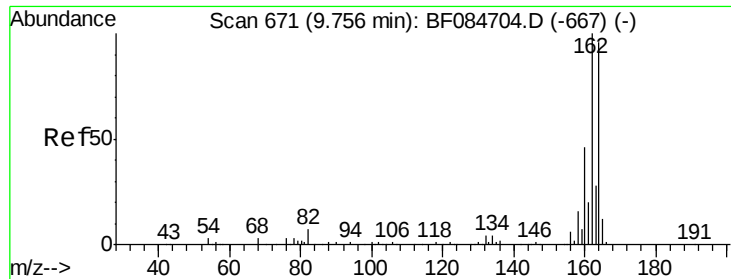


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.66 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF085006.D

Acq: 10 Feb 2016 21:23

Instrument :

BNA_F

ClientSampleId :

S4-B002(27-29)

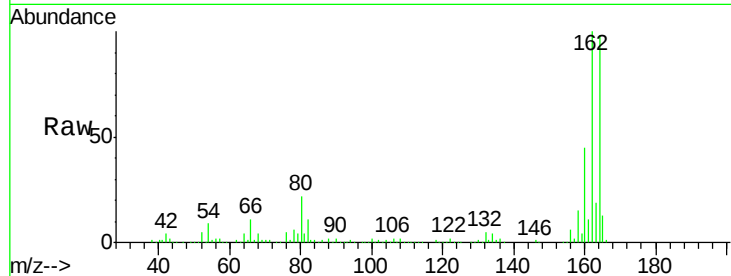
Tgt Ion:164 Resp: 259761

Ion Ratio Lower Upper

164 100

162 101.6 85.1 127.7

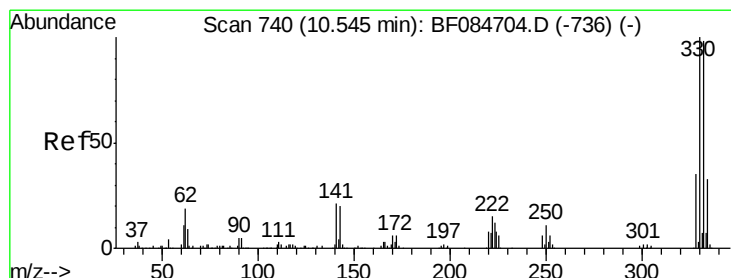
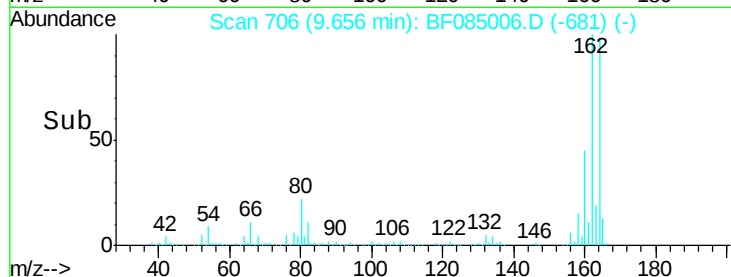
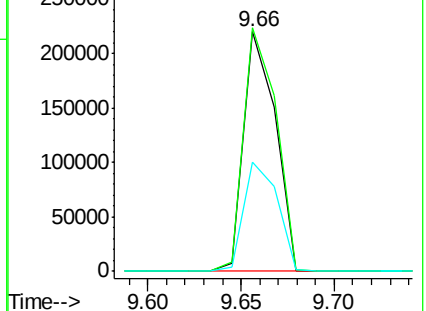
160 45.8 37.5 56.3



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: 118.92 ng

RT: 10.46 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF085006.D

Acq: 10 Feb 2016 21:23

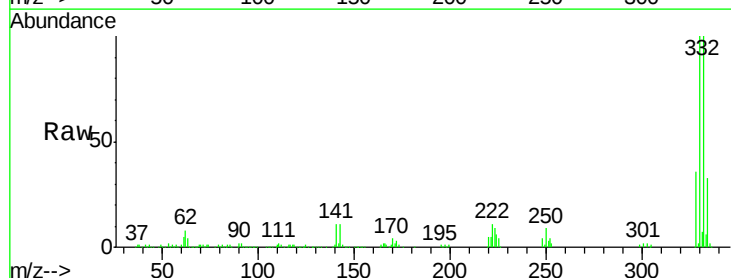
Tgt Ion:330 Resp: 322216

Ion Ratio Lower Upper

330 100

332 97.2 76.6 114.8

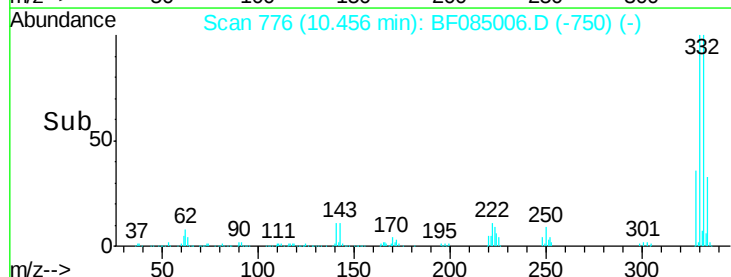
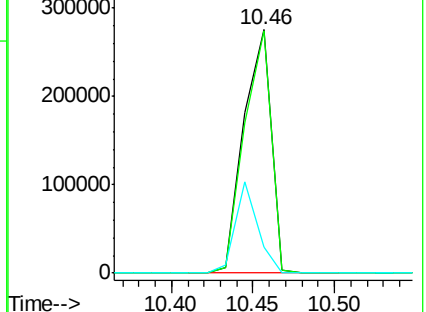
141 31.3 27.8 41.6

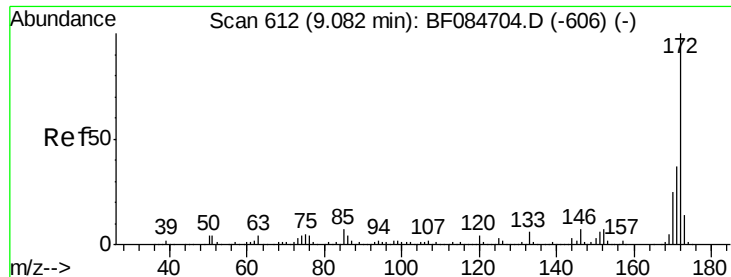


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

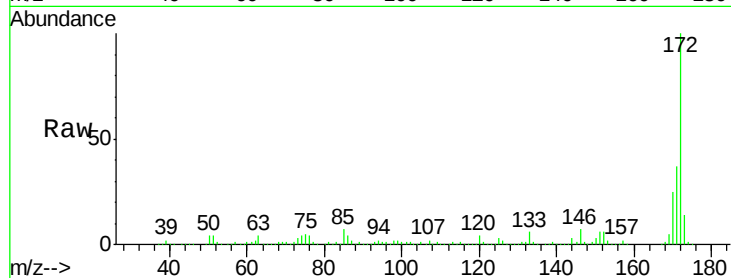




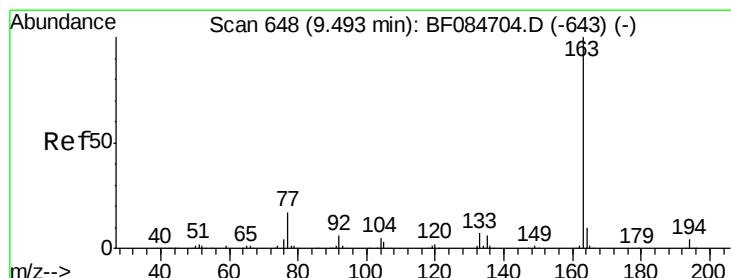
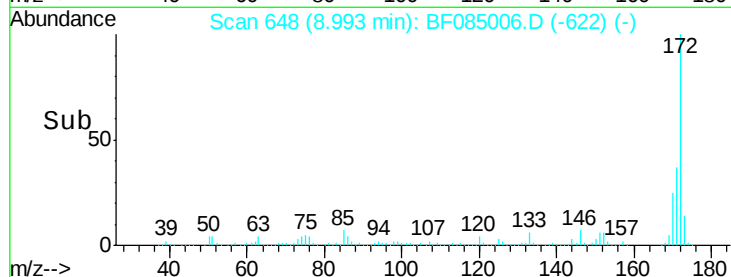
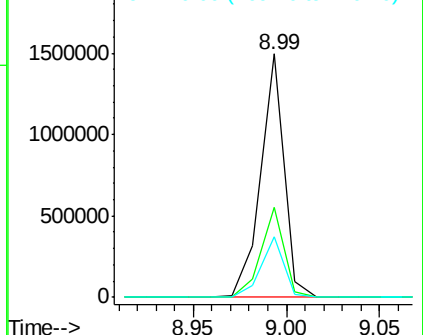
#44
 2-Fluorobiphenyl
 Concen: 85.99 ng
 RT: 8.99 min Scan# 648
 Delta R.T. 0.00 min
 Lab File: BF085006.D
 Acq: 10 Feb 2016 21:23

Instrument :
 BNA_F
 ClientSampleId :
 S4-B002(27-29)

Tgt Ion:172 Resp: 1321368
 Ion Ratio Lower Upper
 172 100
 171 37.0 28.9 43.3
 170 24.8 18.6 27.8

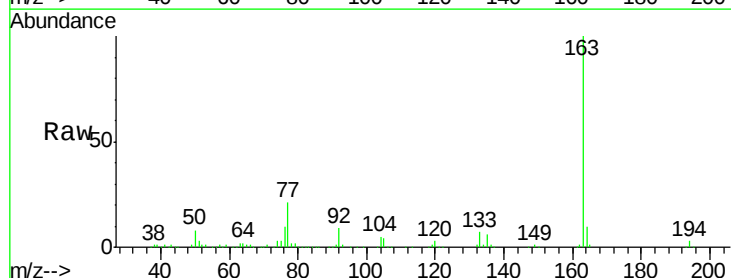


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

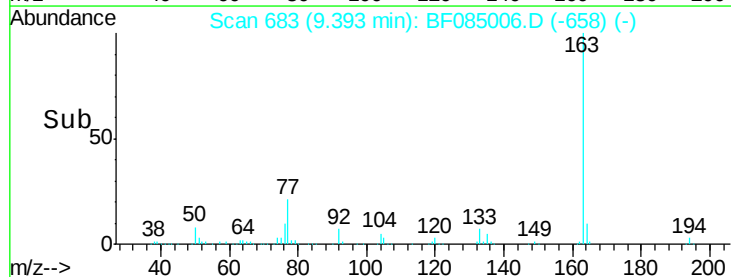
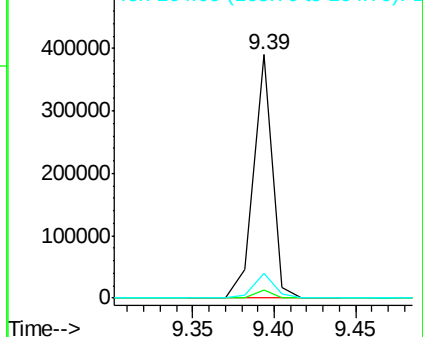


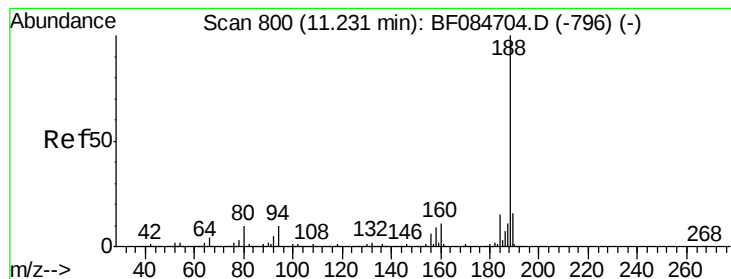
#49
 Dimethylphthalate
 Concen: 15.77 ng
 RT: 9.39 min Scan# 683
 Delta R.T. -0.01 min
 Lab File: BF085006.D
 Acq: 10 Feb 2016 21:23

Tgt Ion:163 Resp: 312010
 Ion Ratio Lower Upper
 163 100
 194 3.3 8.0 12.0#
 164 10.2 8.0 12.0



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: 11.14 min Scan# 836

Delta R.T. 0.00 min

Lab File: BF085006.D

Acq: 10 Feb 2016 21:23

Instrument :

BNA_F

ClientSampleId :

S4-B002(27-29)

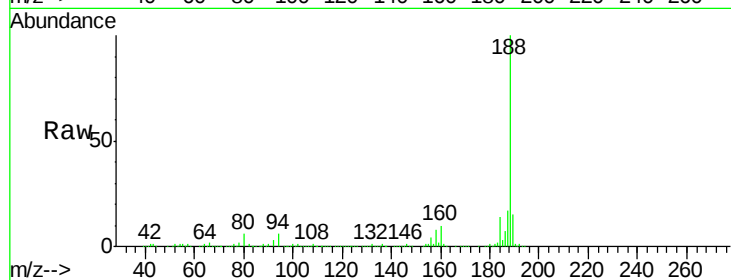
Tgt Ion:188 Resp: 442679

Ion Ratio Lower Upper

188 100

94 6.2 9.0 13.4#

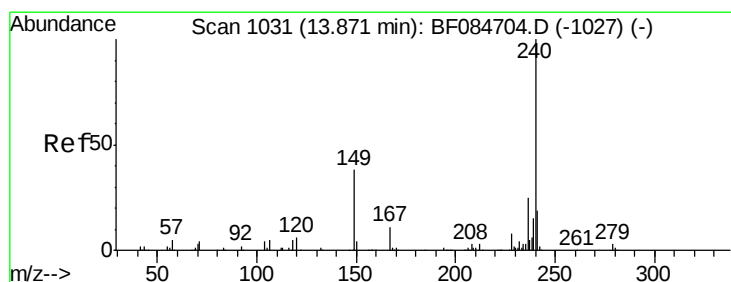
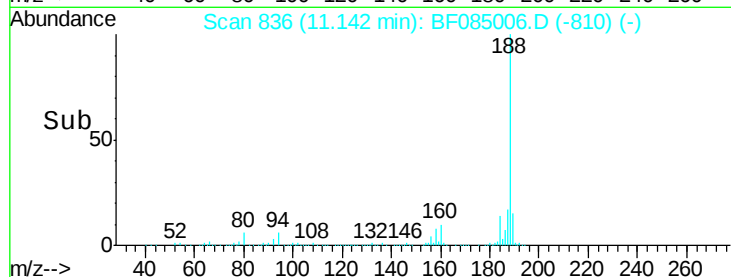
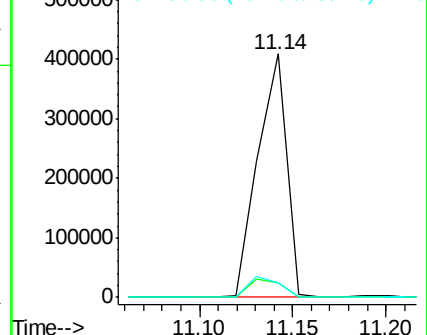
80 6.1 9.6 14.4#



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: 13.77 min Scan# 1066

Delta R.T. 0.00 min

Lab File: BF085006.D

Acq: 10 Feb 2016 21:23

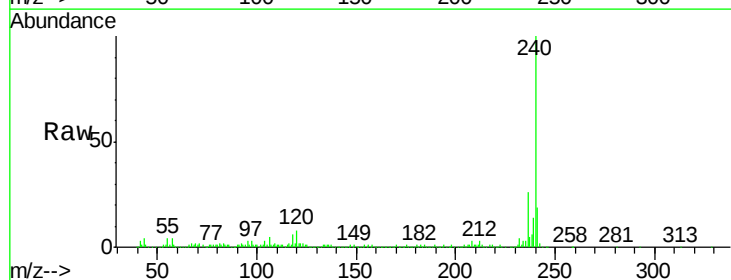
Tgt Ion:240 Resp: 294662

Ion Ratio Lower Upper

240 100

120 7.5 9.5 14.3#

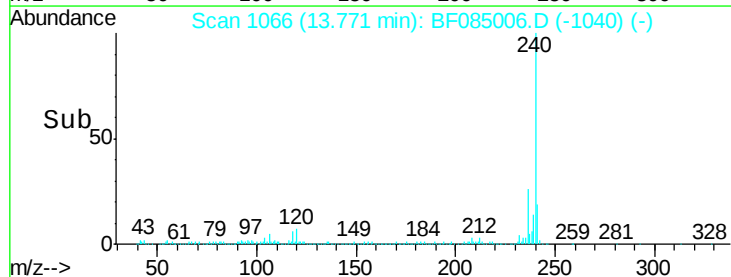
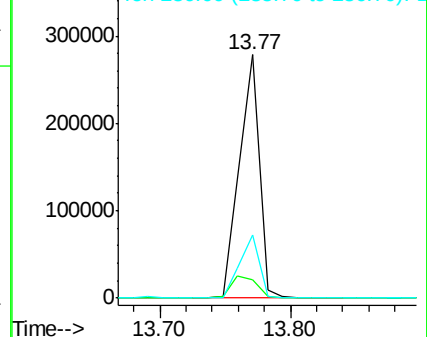
236 25.9 20.6 31.0

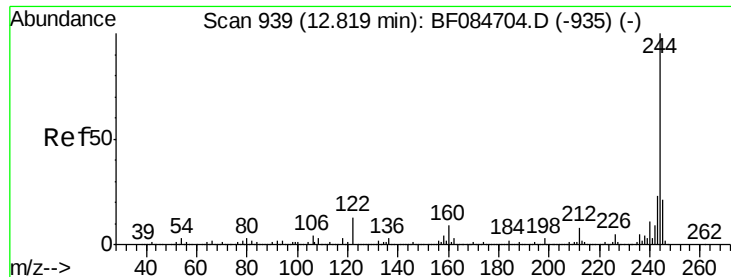


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

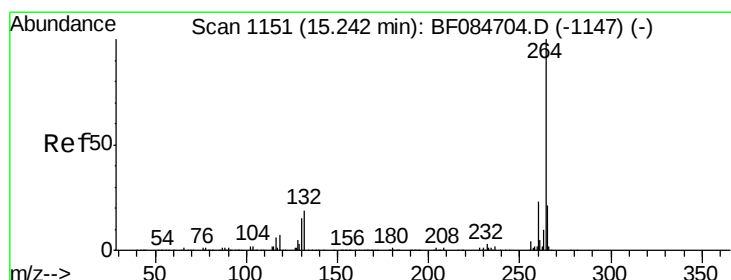
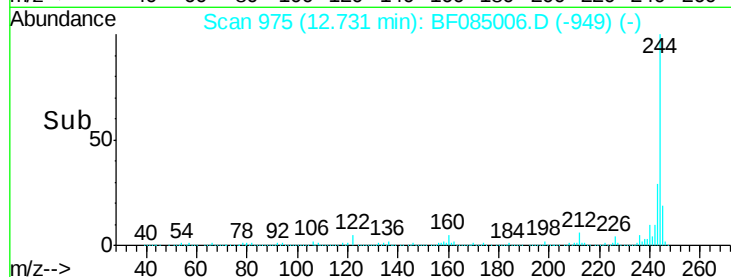
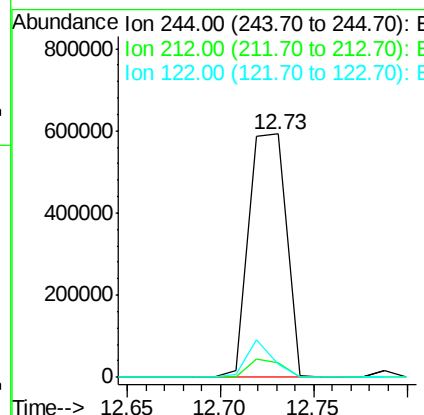
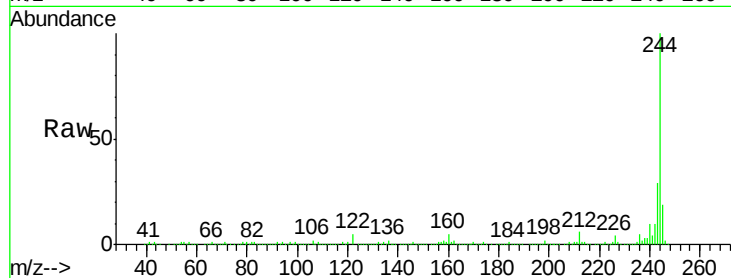




#78
 Terphenyl-d14
 Concen: 63.55 ng
 RT: 12.73 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: BF085006.D
 Acq: 10 Feb 2016 21:23

Instrument :
 BNA_F
 ClientSampleId :
 S4-B002(27-29)

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.7	8.5
122	5.3	7.4	11.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.13 min Scan# 1185
 Delta R.T. 0.00 min
 Lab File: BF085006.D
 Acq: 10 Feb 2016 21:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	21.6	17.8	26.6

