

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
 Data File : BF085004.D
 Acq On : 10 Feb 2016 20:27
 Operator : SJ/IZ
 Sample : H1409-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B002(35-37)

Quant Time: Feb 11 00:56:00 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

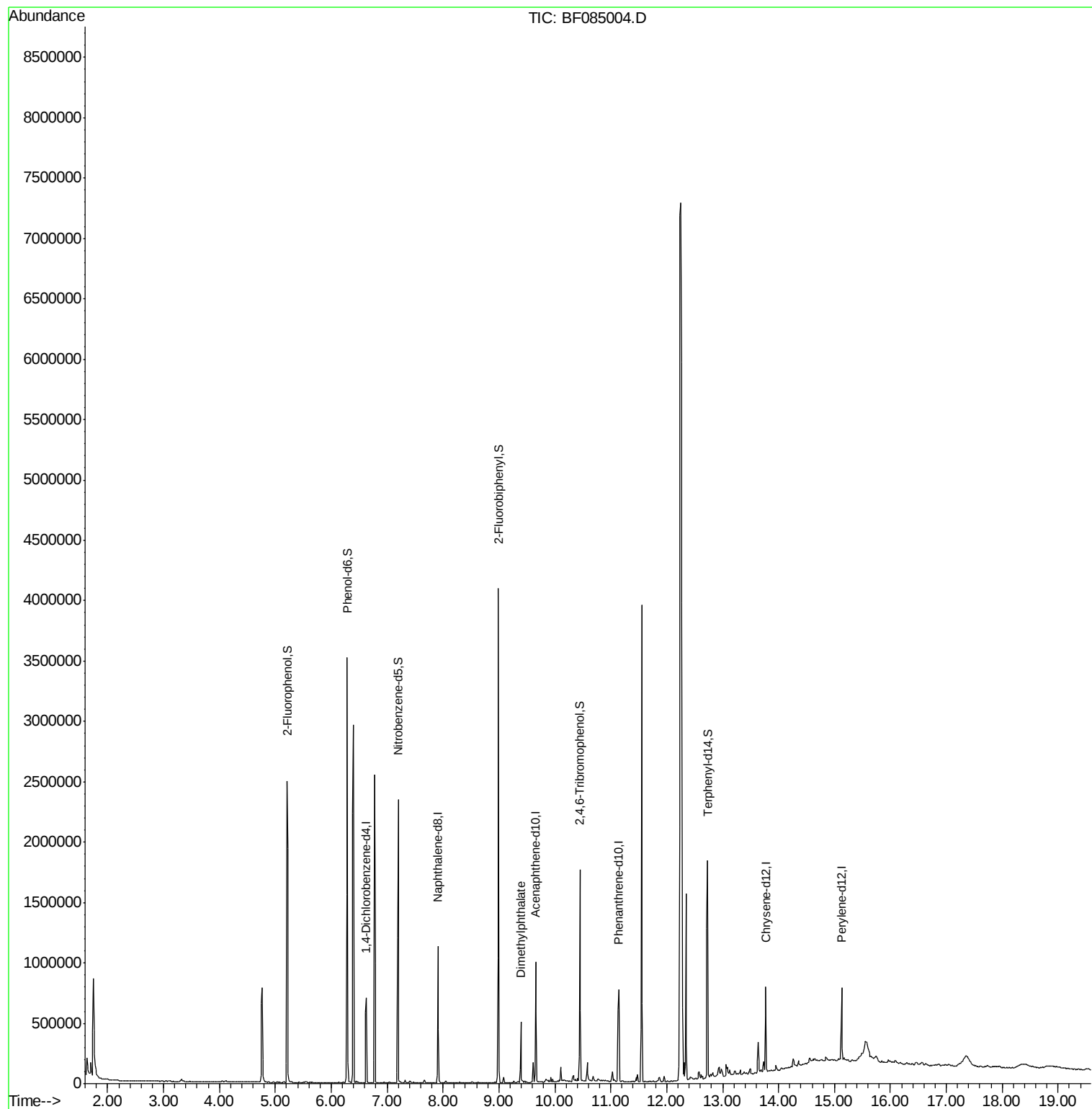
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	144974	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	553782	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	236500	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	382196	20.00	ng	0.00
75) Chrysene-d12	13.77	240	305472	20.00	ng	0.00
86) Perylene-d12	15.13	264	257775	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	940251	101.02	ng	0.01
7) Phenol-d6	6.28	99	1247894	108.15	ng	0.00
23) Nitrobenzene-d5	7.20	82	855209	86.99	ng	0.00
41) 2,4,6-Tribromophenol	10.44	330	219725	89.07	ng	-0.01
44) 2-Fluorobiphenyl	8.99	172	1196582	85.29	ng	0.00
78) Terphenyl-d14	12.73	244	729428	54.11	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.39	163	191223	10.62	ng	Qvalue # 90

(#) = 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: BF085004.D

Acq: 10 Feb 2016 20:27

Instrument :

BNA_F

ClientSampleId :

SUP-B002(35-37)

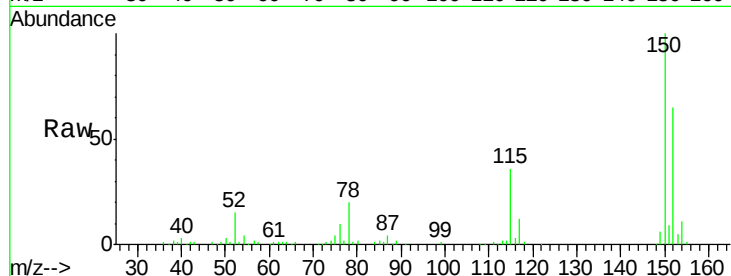
Tgt Ion:152 Resp: 144974

Ion Ratio Lower Upper

152 100

150 155.0 123.0 184.4

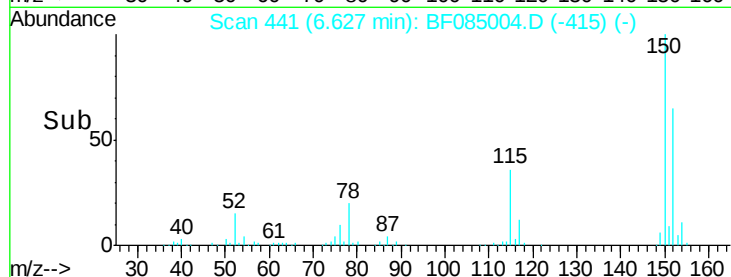
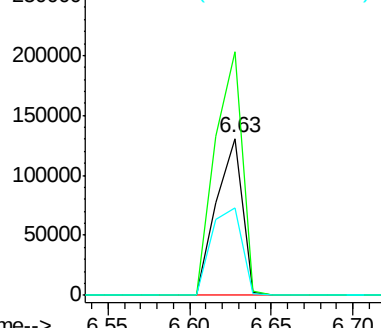
115 55.5 51.4 77.2



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: 101.02 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.01 min

Lab File: BF085004.D

Acq: 10 Feb 2016 20:27

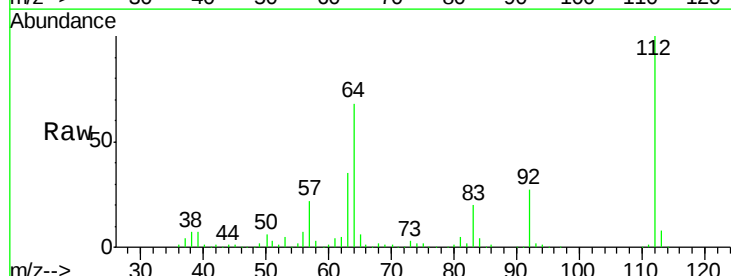
Tgt Ion:112 Resp: 940251

Ion Ratio Lower Upper

112 100

64 67.8 36.6 55.0#

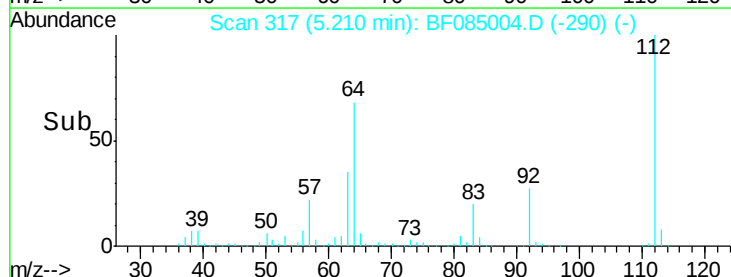
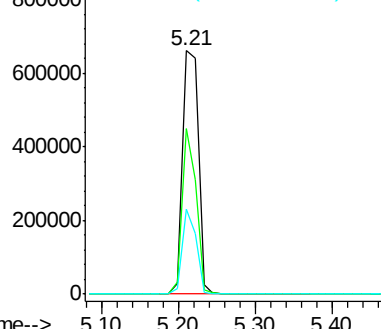
63 34.8 19.4 29.0#



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: 108.15 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF085004.D

Acq: 10 Feb 2016 20:27

Instrument :

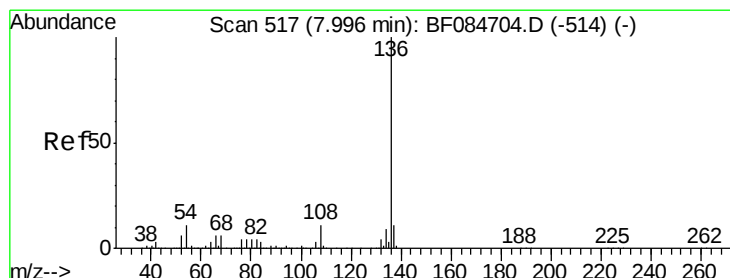
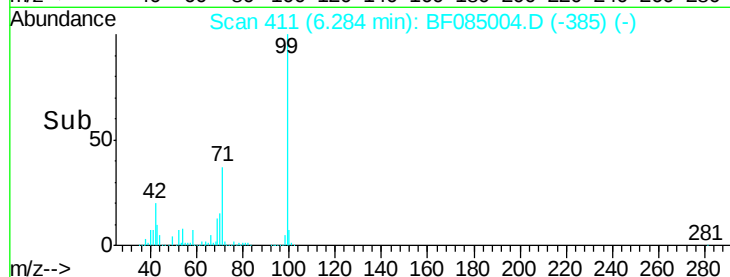
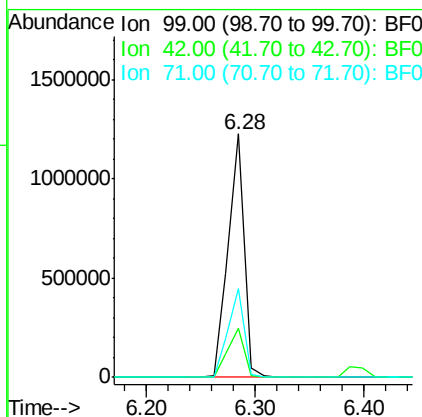
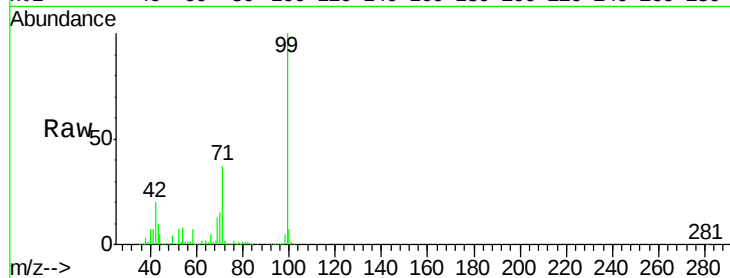
BNA_F

ClientSampleId :

SUP-B002(35-37)

Tgt Ion: 99 Resp: 1247894

Ion	Ratio	Lower	Upper
99	100		
42	19.9	12.8	19.2#
71	36.5	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 553

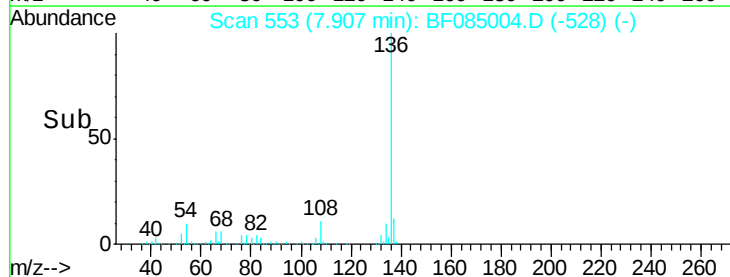
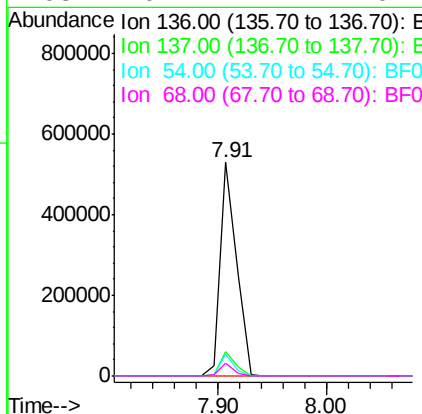
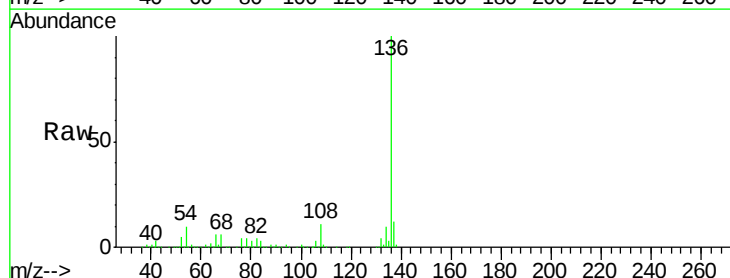
Delta R.T. -0.01 min

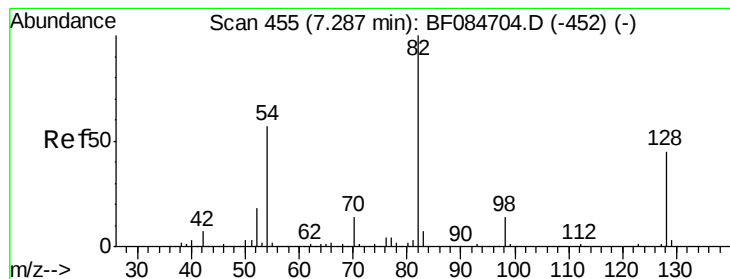
Lab File: BF085004.D

Acq: 10 Feb 2016 20:27

Tgt Ion: 136 Resp: 553782

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.7	13.1
54	10.4	5.8	8.8#
68	6.1	4.2	6.2





#23

Nitrobenzene-d5

Concen: 86.99 ng

RT: 7.20 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF085004.D

Acq: 10 Feb 2016 20:27

Instrument :

BNA_F

ClientSampleId :

SUP-B002(35-37)

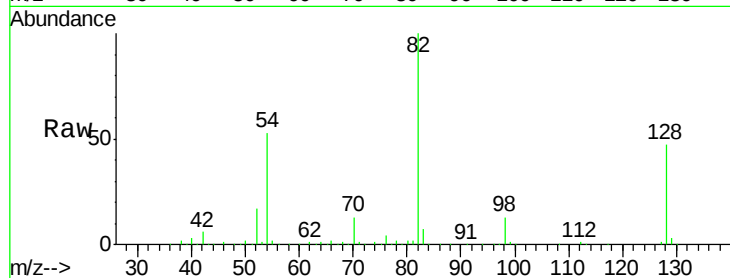
Tgt Ion: 82 Resp: 855209

Ion Ratio Lower Upper

82 100

128 46.6 34.6 51.8

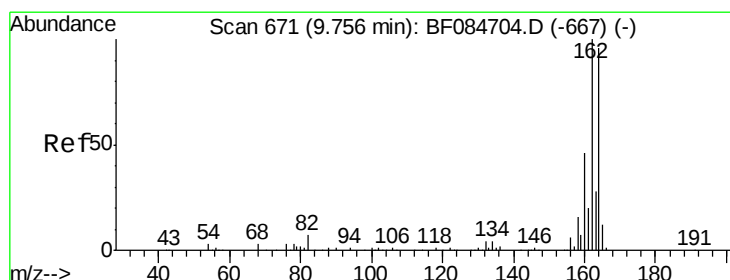
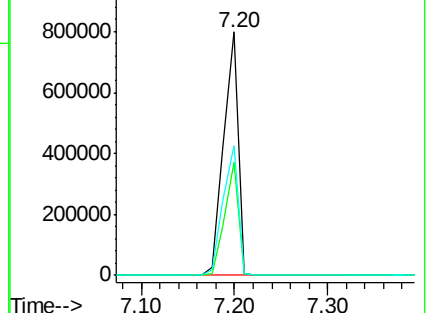
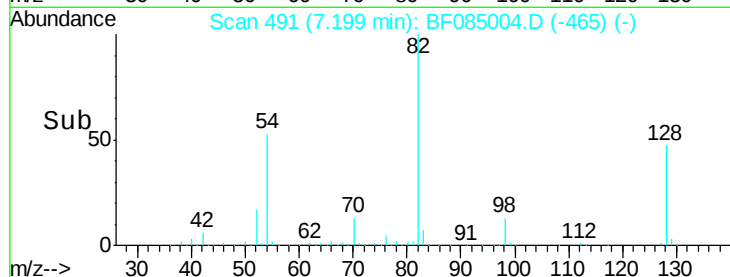
54 53.3 38.4 57.6



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: BF085004.D

Acq: 10 Feb 2016 20:27

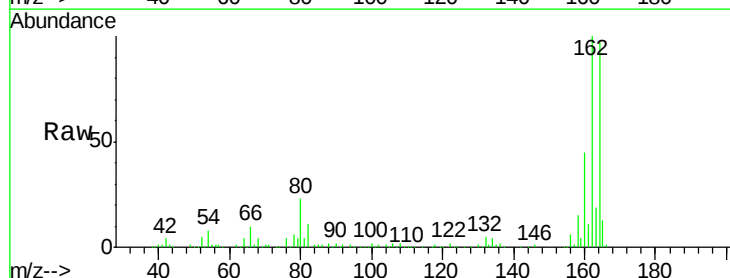
Tgt Ion: 164 Resp: 236500

Ion Ratio Lower Upper

164 100

162 102.6 85.1 127.7

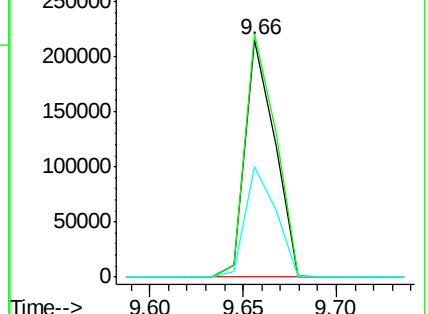
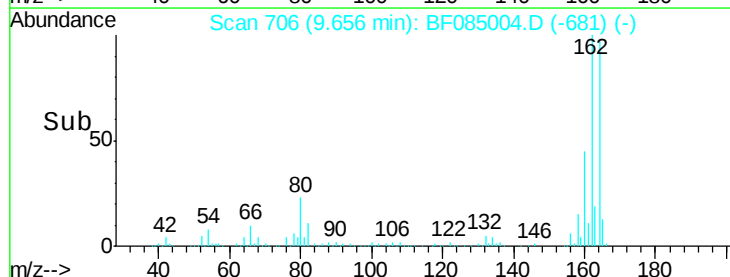
160 46.4 37.5 56.3



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

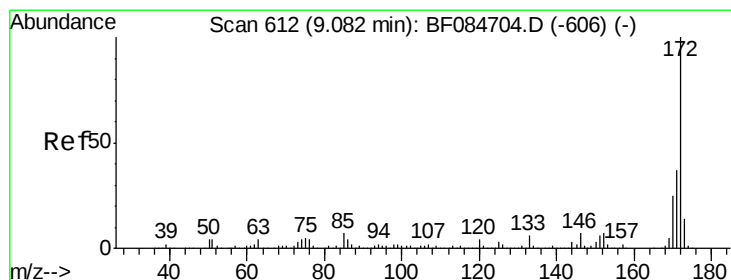
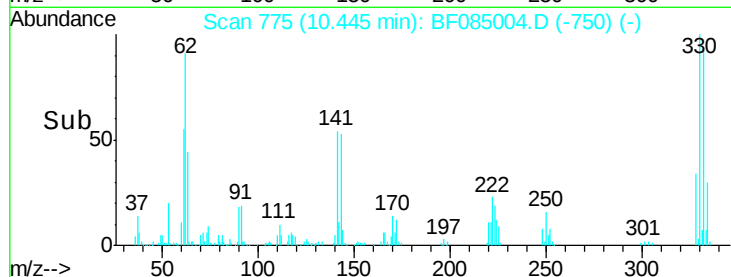
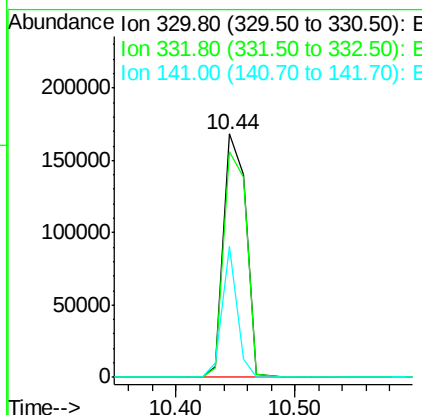
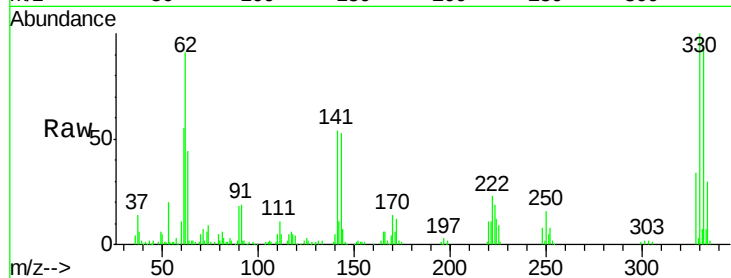




#41
 2,4,6-Tribromophenol
 Concen: 89.07 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF085004.D
 Acq: 10 Feb 2016 20:27

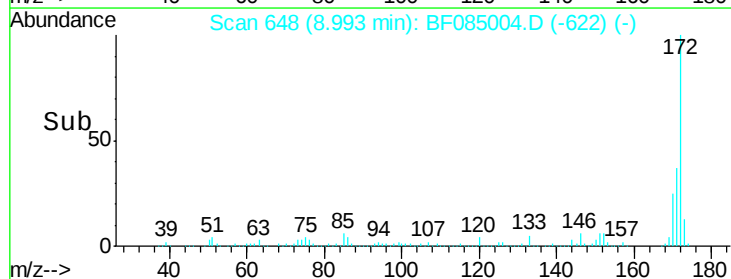
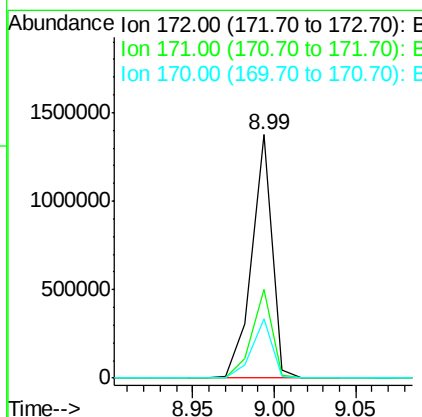
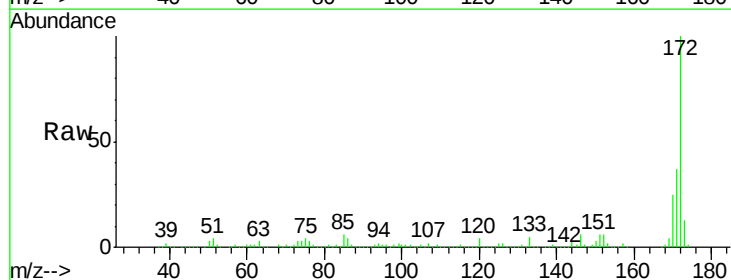
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B002(35-37)

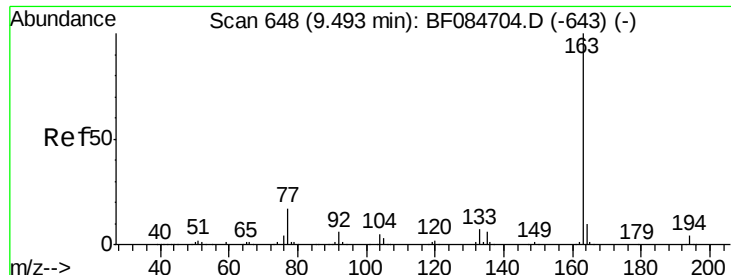
Tgt Ion:330 Resp: 219725
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.6 114.8
 141 35.9 27.8 41.6



#44
 2-Fluorobiphenyl
 Concen: 85.29 ng
 RT: 8.99 min Scan# 648
 Delta R.T. 0.00 min
 Lab File: BF085004.D
 Acq: 10 Feb 2016 20:27

Tgt Ion:172 Resp: 1196582
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.9 43.3
 170 24.6 18.6 27.8

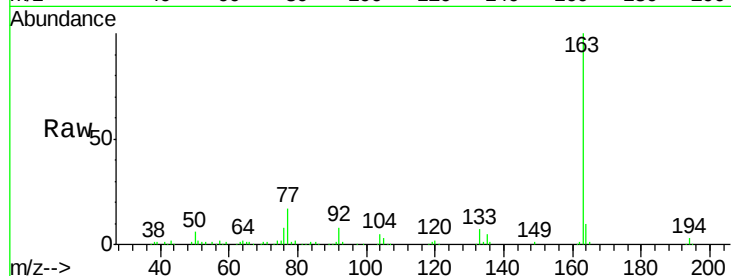




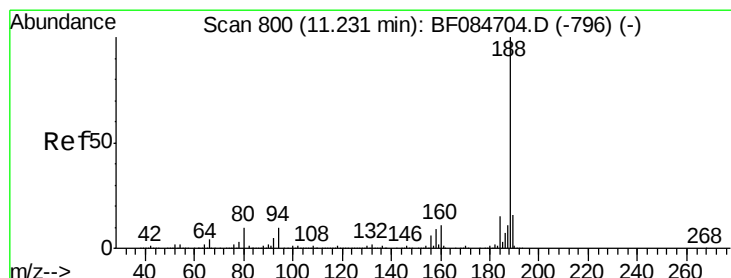
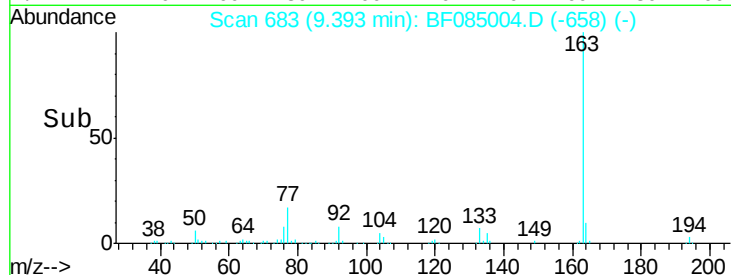
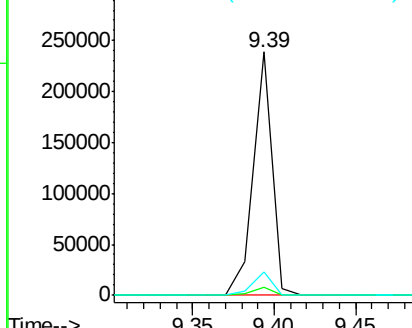
#49
Dimethylphthalate
Concen: 10.62 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF085004.D
Acq: 10 Feb 2016 20:27

Instrument :
BNA_F
ClientSampleId :
SUP-B002(35-37)

Tgt Ion:163 Resp: 191223
Ion Ratio Lower Upper
163 100
194 3.1 8.0 12.0#
164 9.6 8.0 12.0

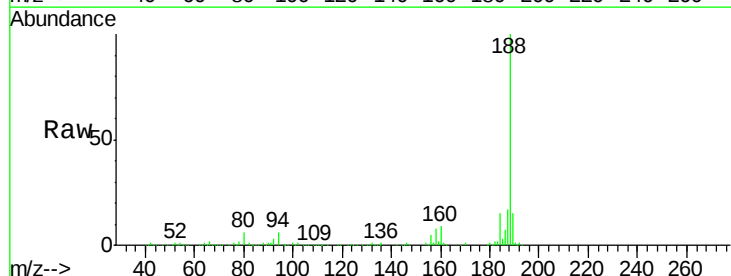


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

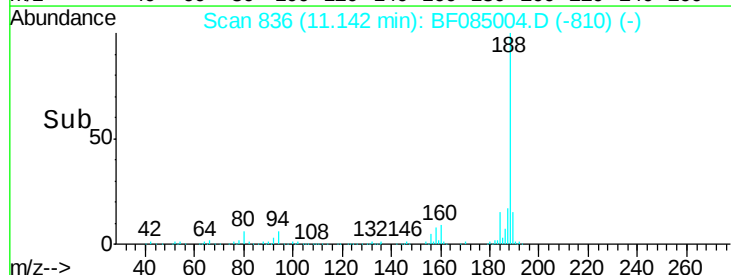
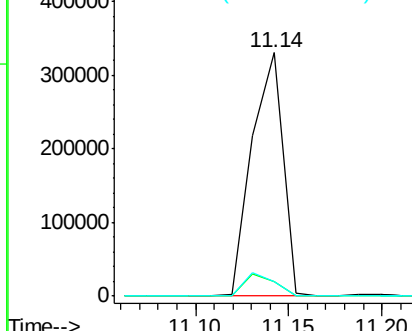


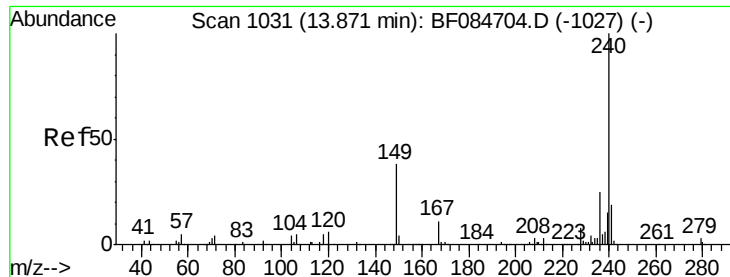
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF085004.D
Acq: 10 Feb 2016 20:27

Tgt Ion:188 Resp: 382196
Ion Ratio Lower Upper
188 100
94 5.9 9.0 13.4#
80 6.0 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: BF085004.D

Acq: 10 Feb 2016 20:27

Instrument :

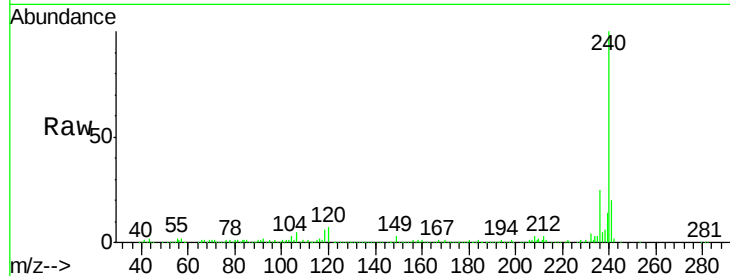
BNA_F

ClientSampleId :

SUP-B002(35-37)

Tgt Ion:240 Resp: 305472

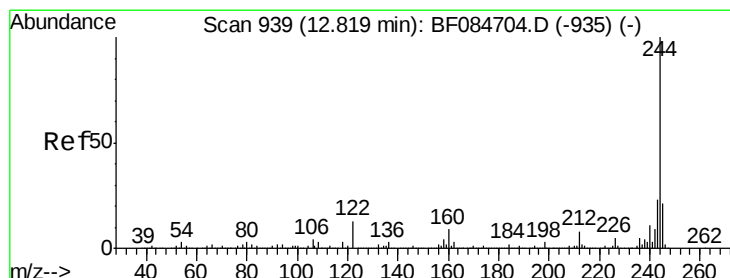
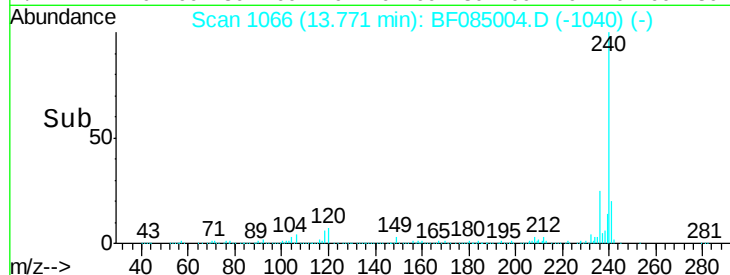
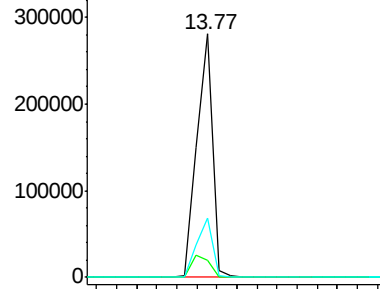
Ion	Ratio	Lower	Upper
240	100		
120	7.0	9.5	14.3#
236	24.6	20.6	31.0



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: 54.11 ng

RT: 12.73 min Scan# 975

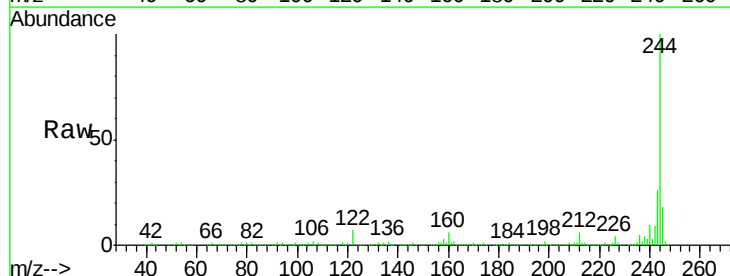
Delta R.T. 0.00 min

Lab File: BF085004.D

Acq: 10 Feb 2016 20:27

Tgt Ion:244 Resp: 729428

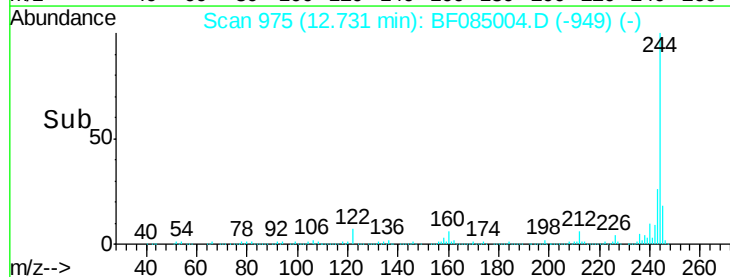
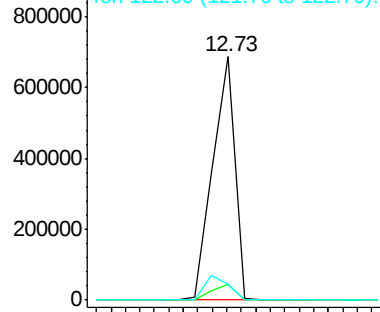
Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.7	8.5
122	6.6	7.4	11.0#

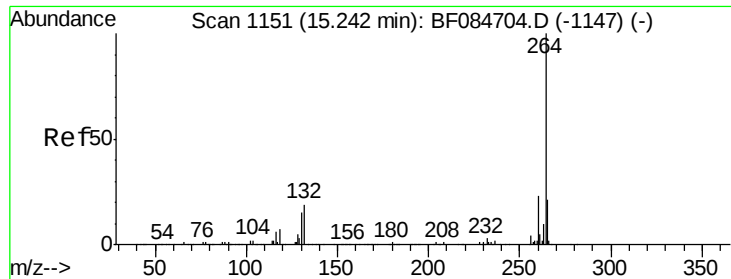


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

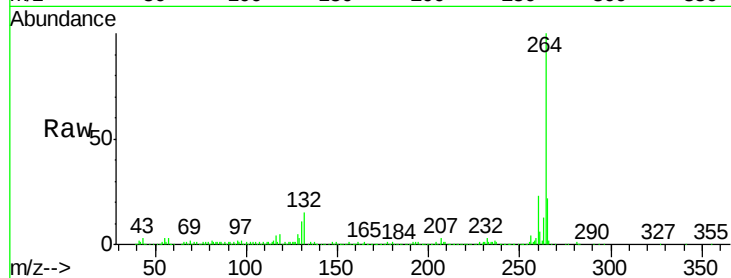




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.13 min Scan# 1185
Delta R.T. 0.00 min
Lab File: BF085004.D
Acq: 10 Feb 2016 20:27

Instrument :
BNA_F
ClientSampleId :
SUP-B002(35-37)

Tgt Ion: 264 Resp: 257775
Ion Ratio Lower Upper
264 100
260 23.1 19.4 29.2
265 22.2 17.8 26.6



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

