

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
 Data File : BF085905.D
 Acq On : 31 Mar 2016 2:04
 Operator : UM/SJ
 Sample : H2049-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-WEST-END-12BGL

Quant Time: Mar 31 04:48:31 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 12:31:18 2016
 Response via : Initial Calibration

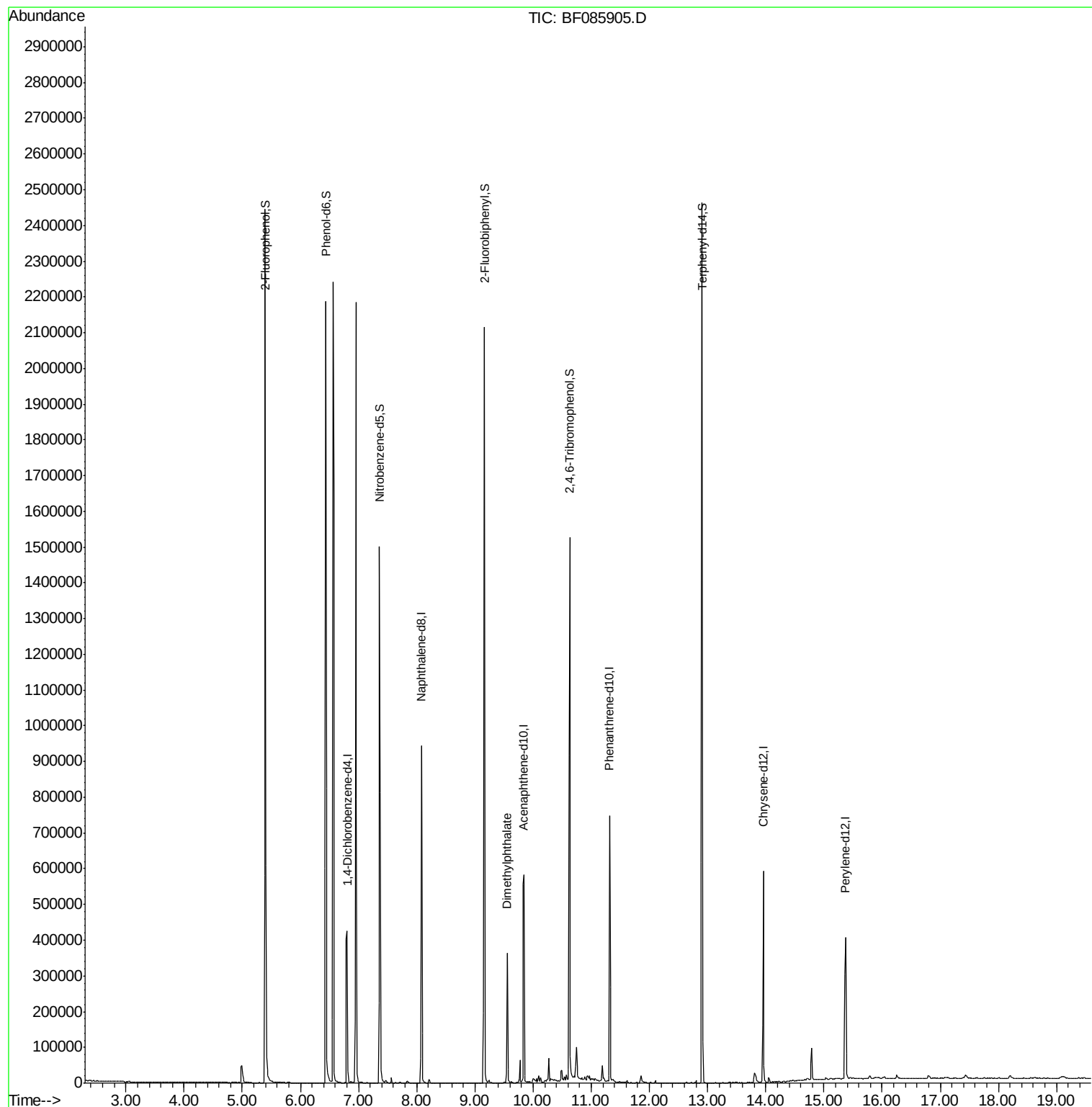
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	100380	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	407031	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	171517	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	287815	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	203668	20.00	ng	-0.01
86) Perylene-d12	15.37	264	201446	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	803111	133.25	ng	0.00
7) Phenol-d6	6.44	99	1009188	131.69	ng	-0.01
23) Nitrobenzene-d5	7.36	82	645482	89.30	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	238867	146.58	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1075997	104.81	ng	0.00
78) Terphenyl-d14	12.90	244	718723	72.57	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.56	163	134174	10.31	ng	Qvalue 99

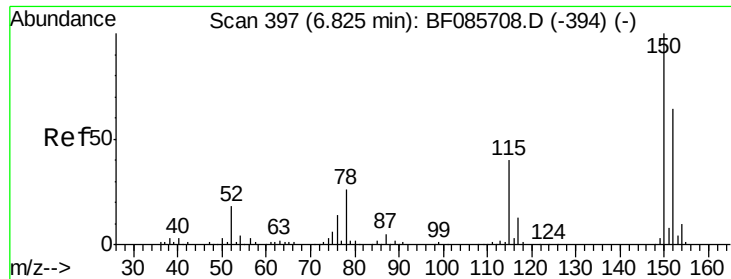
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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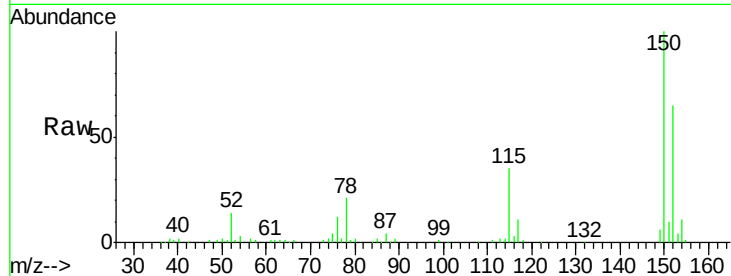




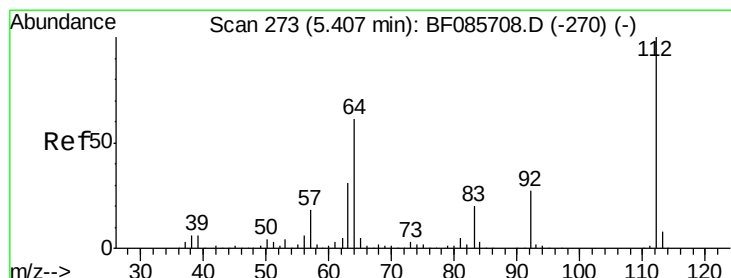
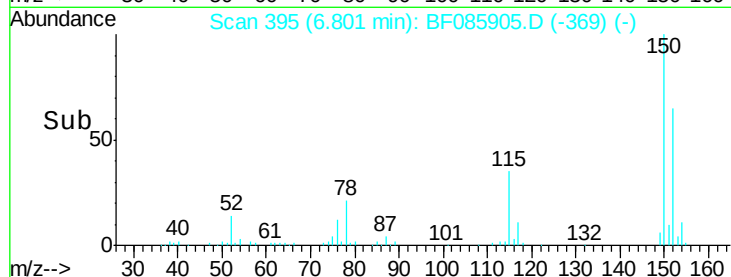
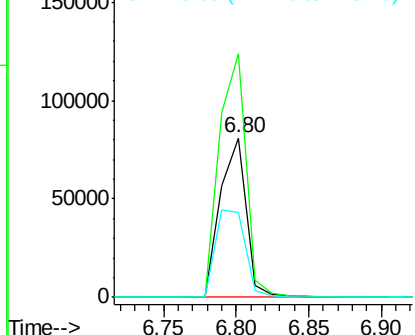
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 395
 Delta R.T. -0.00 min
 Lab File: BF085905.D
 Acq: 31 Mar 2016 2:04

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-WEST-END-12BGL

Tgt Ion:152 Resp: 100380
 Ion Ratio Lower Upper
 152 100
 150 152.9 124.2 186.2
 115 53.6 47.0 70.6

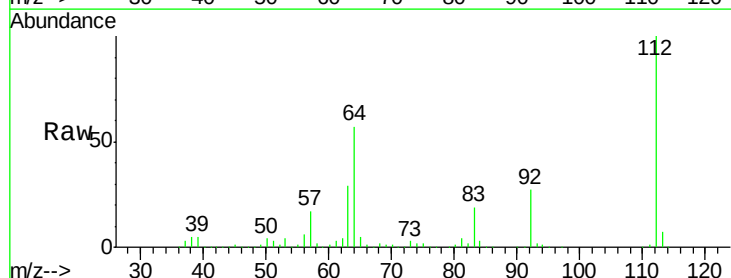


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

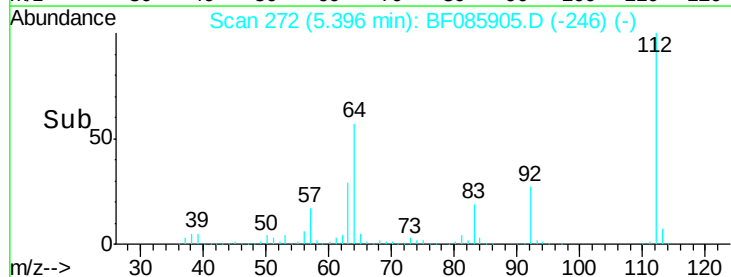
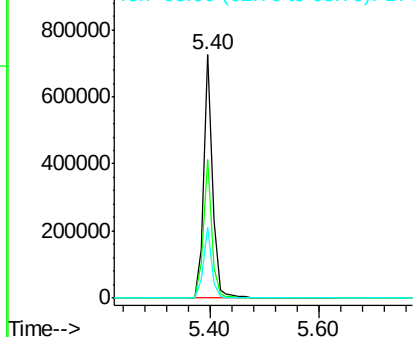


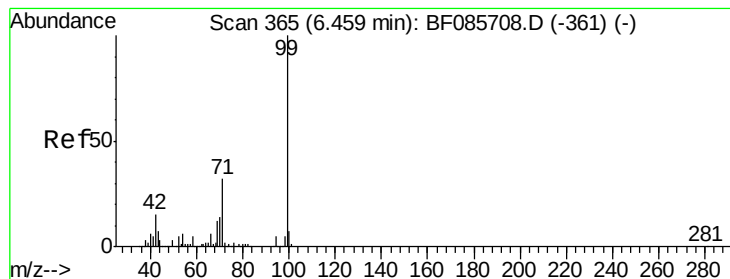
#5
 2-Fluorophenol
 Concen: 133.25 ng
 RT: 5.40 min Scan# 272
 Delta R.T. -0.00 min
 Lab File: BF085905.D
 Acq: 31 Mar 2016 2:04

Tgt Ion:112 Resp: 803111
 Ion Ratio Lower Upper
 112 100
 64 56.9 39.9 59.9
 63 29.0 20.2 30.2



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: 131.69 ng

RT: 6.44 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF085905.D

Acq: 31 Mar 2016 2:04

Instrument :

BNA_F

ClientSampleId :

BOTTOM-WEST-END-12BGL

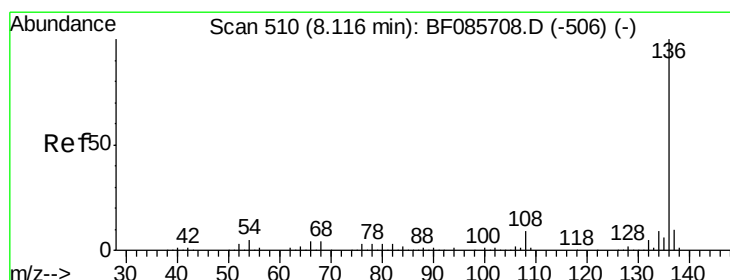
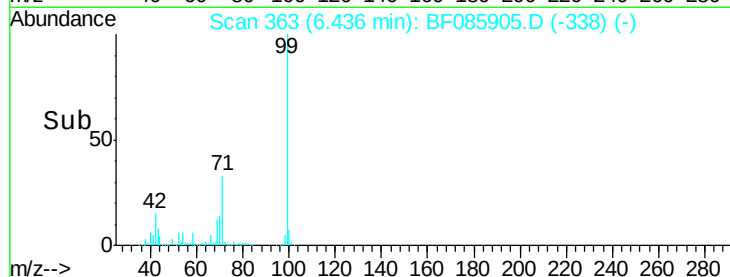
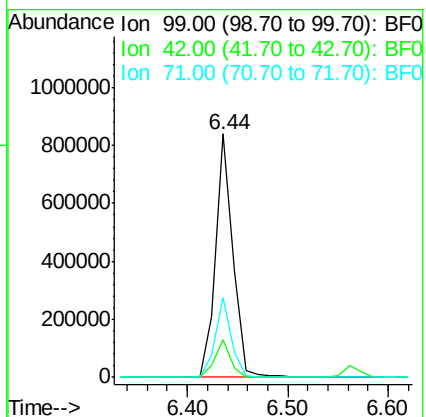
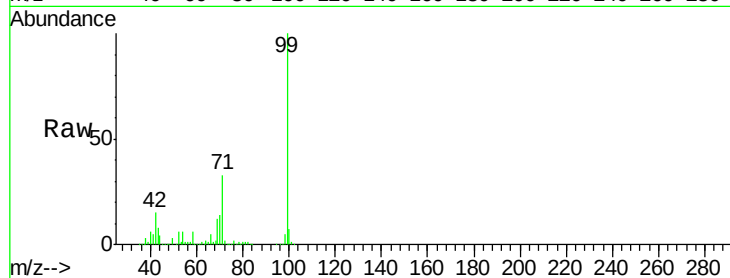
Tgt Ion: 99 Resp: 1009188

Ion Ratio Lower Upper

99 100

42 15.4 11.1 16.7

71 33.0 24.9 37.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF085905.D

Acq: 31 Mar 2016 2:04

Tgt Ion: 136 Resp: 407031

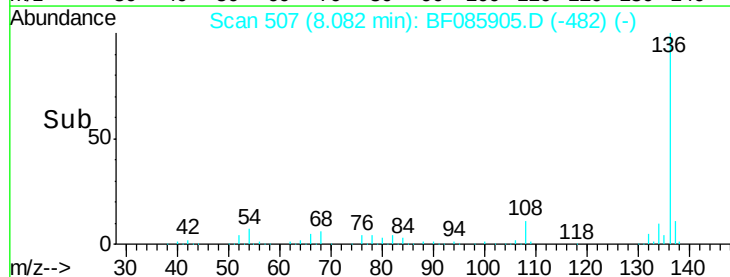
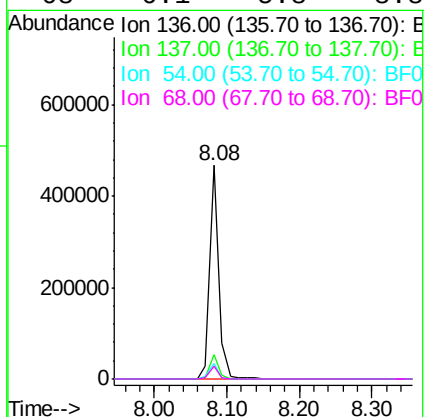
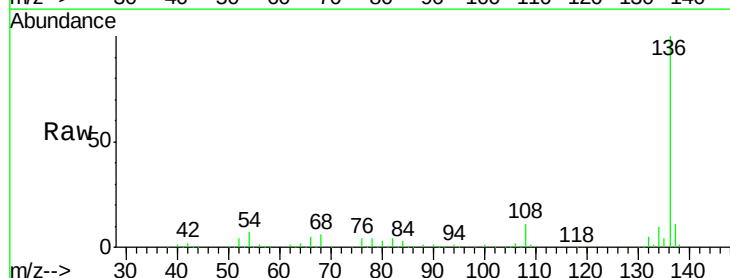
Ion Ratio Lower Upper

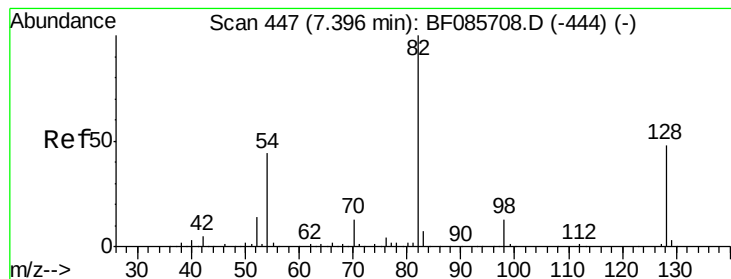
136 100

137 11.2 9.1 13.7

54 7.4 7.4 11.0

68 6.1 5.8 8.8





#23

Nitrobenzene-d5

Concen: 89.30 ng

RT: 7.36 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF085905.D

Acq: 31 Mar 2016 2:04

Instrument :

BNA_F

ClientSampleId :

BOTTOM-WEST-END-12BGL

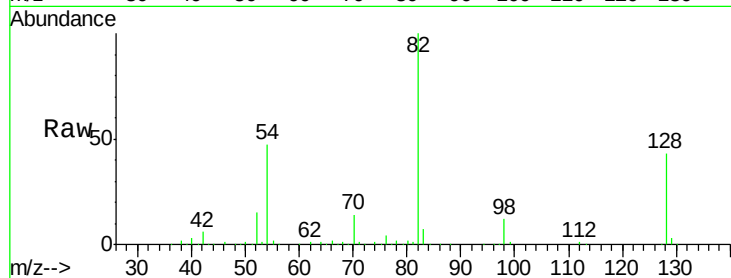
Tgt Ion: 82 Resp: 645482

Ion Ratio Lower Upper

82 100

128 42.7 41.8 62.8

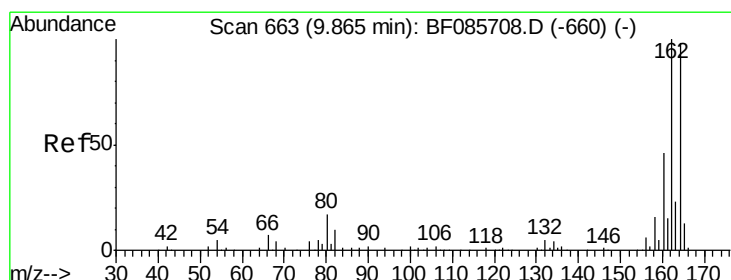
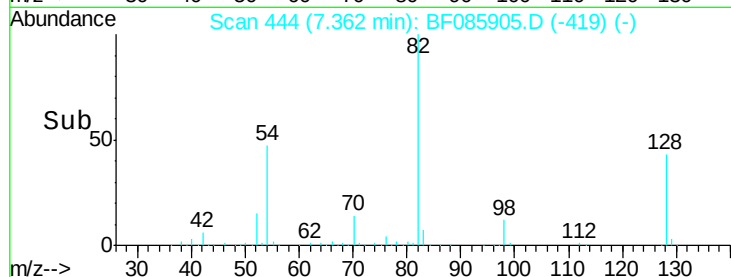
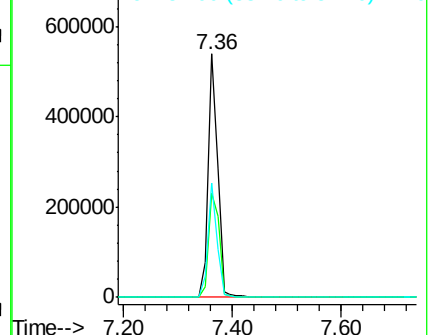
54 46.8 33.4 50.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 661

Delta R.T. -0.00 min

Lab File: BF085905.D

Acq: 31 Mar 2016 2:04

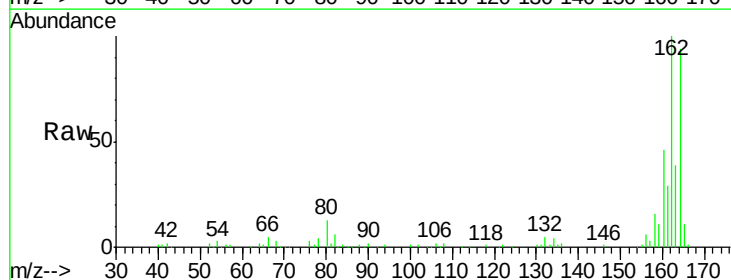
Tgt Ion: 164 Resp: 171517

Ion Ratio Lower Upper

164 100

162 106.6 82.1 123.1

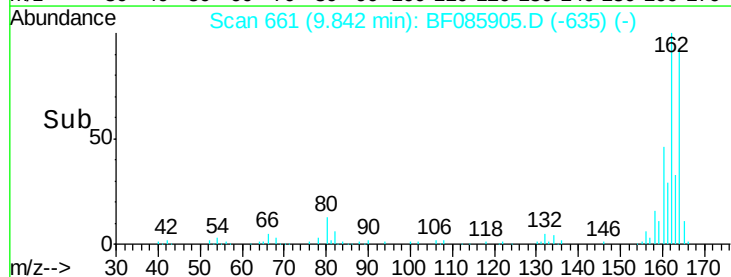
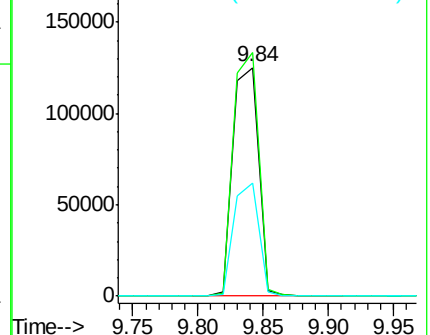
160 49.4 37.4 56.2

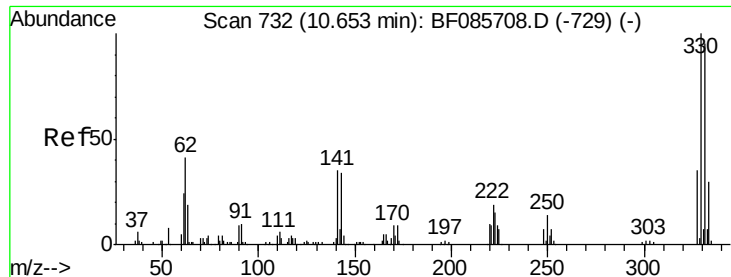


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

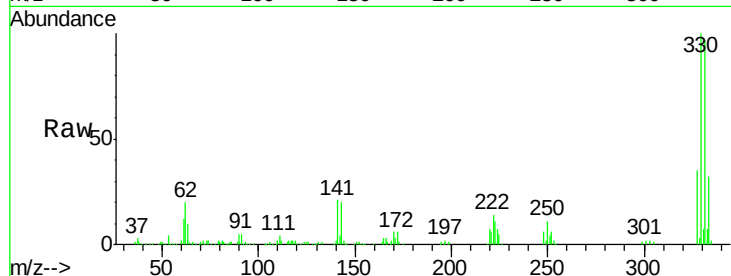




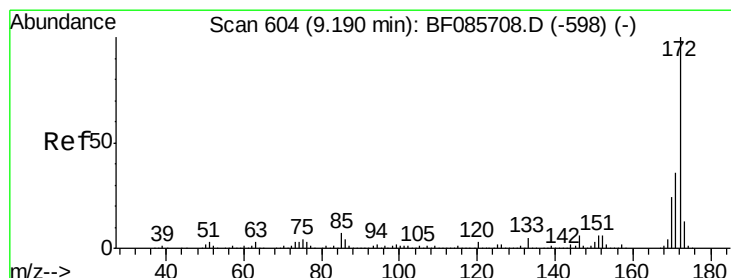
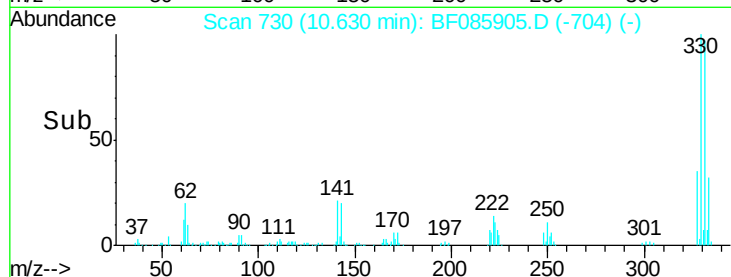
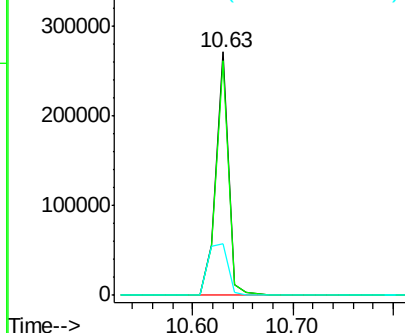
#41
 2,4,6-Tribromophenol
 Concen: 146.58 ng
 RT: 10.63 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: BF085905.D
 Acq: 31 Mar 2016 2:04

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-WEST-END-12BGL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.2	117.2
141	34.7	31.5	47.3

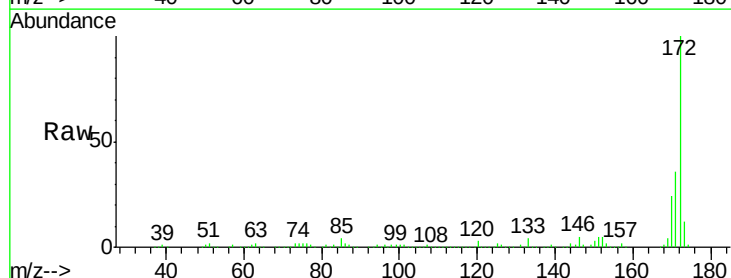


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

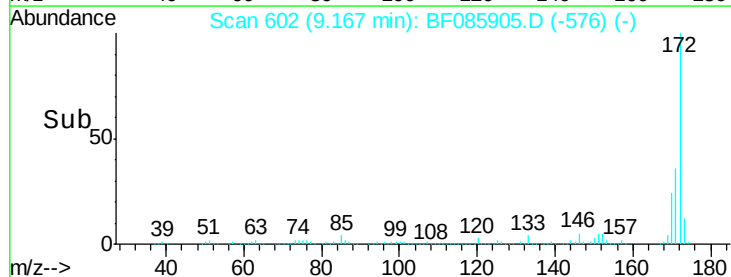
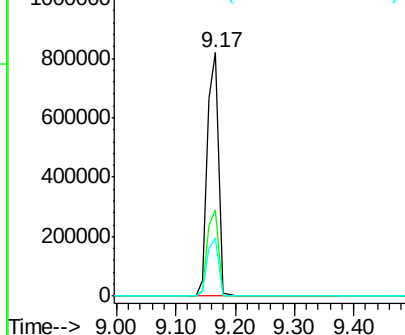


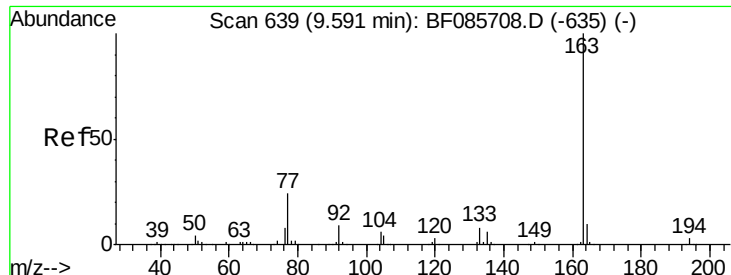
#44
 2-Fluorobiphenyl
 Concen: 104.81 ng
 RT: 9.17 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BF085905.D
 Acq: 31 Mar 2016 2:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.4	44.2
170	24.1	19.8	29.6



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: 10.31 ng

RT: 9.56 min Scan# 636

Delta R.T. -0.01 min

Lab File: BF085905.D

Acq: 31 Mar 2016 2:04

Instrument :

BNA_F

ClientSampleId :

BOTTOM-WEST-END-12BGL

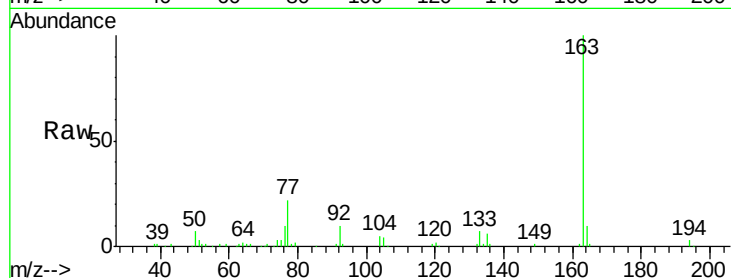
Tgt Ion:163 Resp: 134174

Ion Ratio Lower Upper

163 100

194 3.2 2.9 4.3

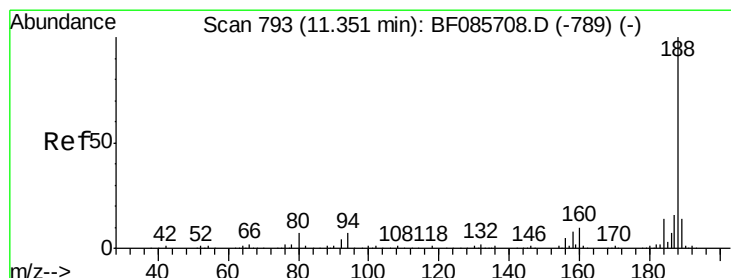
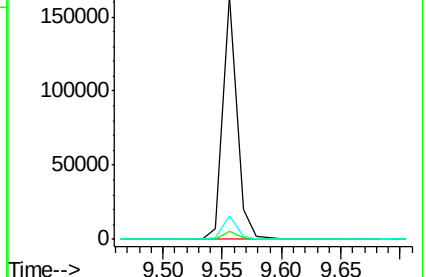
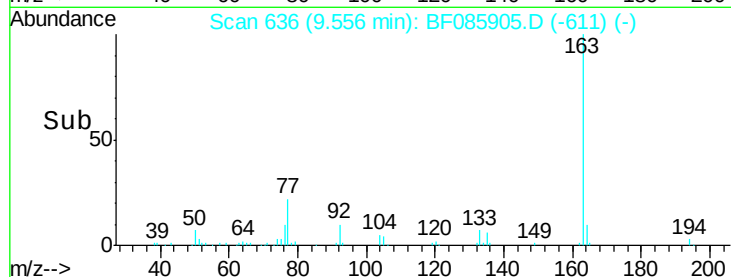
164 9.9 8.3 12.5



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: 11.32 min Scan# 790

Delta R.T. -0.01 min

Lab File: BF085905.D

Acq: 31 Mar 2016 2:04

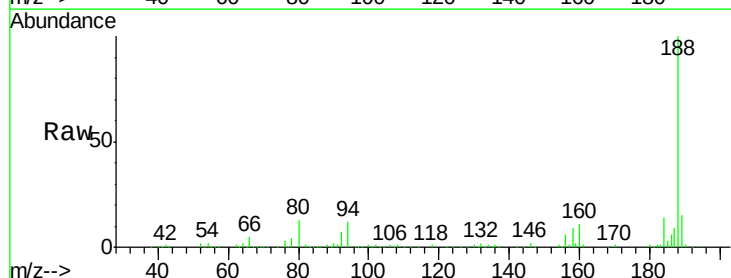
Tgt Ion:188 Resp: 287815

Ion Ratio Lower Upper

188 100

94 12.3 5.4 8.0#

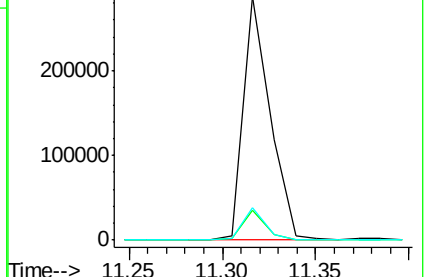
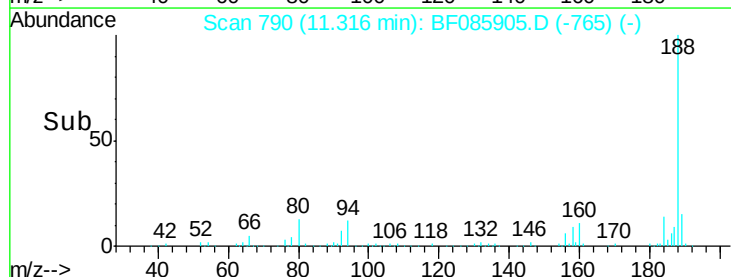
80 13.2 5.5 8.3#

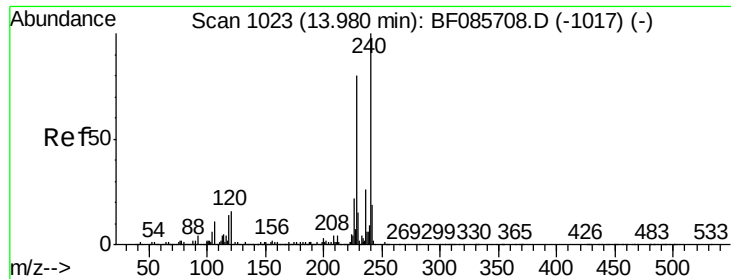


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.96 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF085905.D

Acq: 31 Mar 2016 2:04

Instrument :

BNA_F

ClientSampleId :

BOTTOM-WEST-END-12BGL

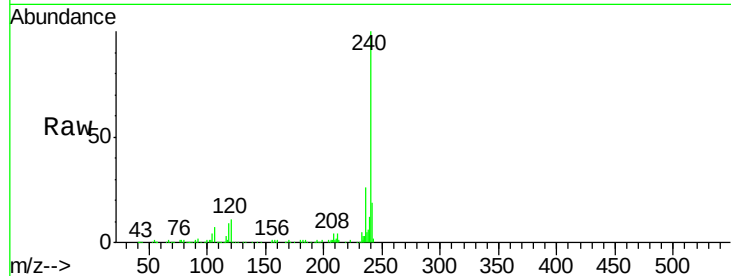
Tgt Ion:240 Resp: 203668

Ion Ratio Lower Upper

240 100

120 10.8 13.8 20.8#

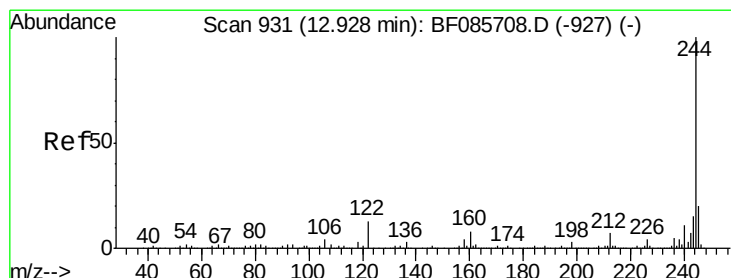
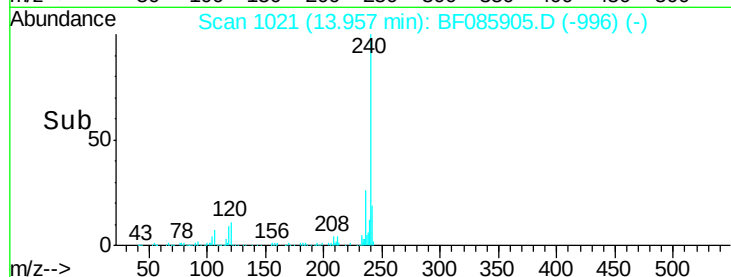
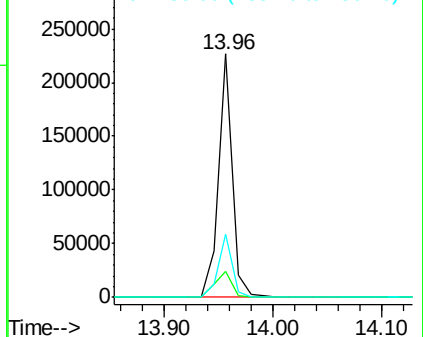
236 26.1 20.6 30.8



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: 72.57 ng

RT: 12.90 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF085905.D

Acq: 31 Mar 2016 2:04

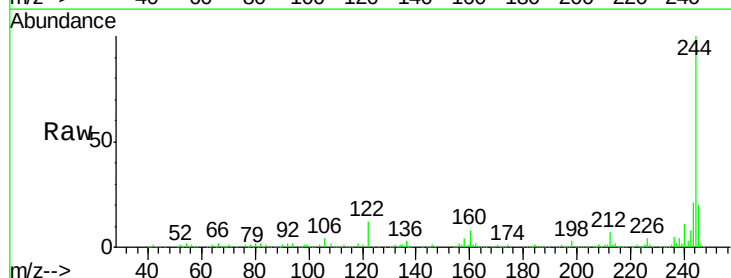
Tgt Ion:244 Resp: 718723

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

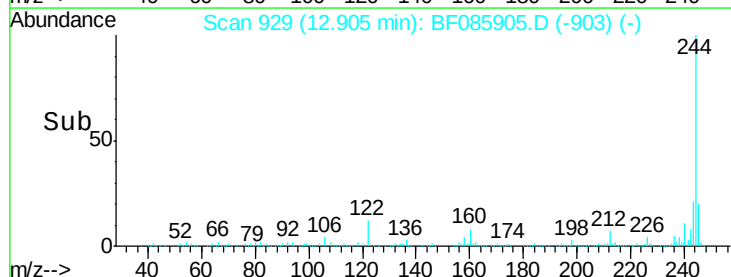
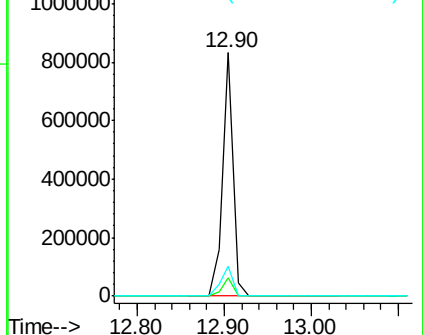
122 12.4 10.2 15.4

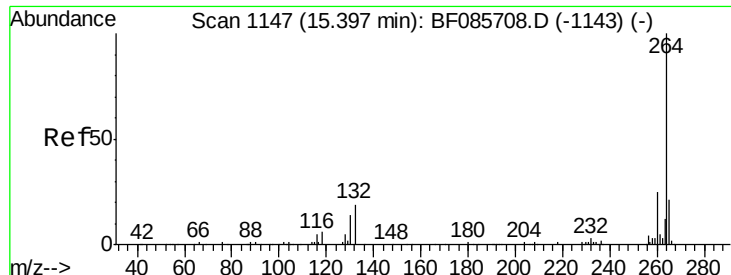


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.37 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BF085905.D
Acq: 31 Mar 2016 2:04

Instrument :
BNA_F
ClientSampleId :
BOTTOM-WEST-END-12BGL

Tgt Ion: 264 Resp: 201446
Ion Ratio Lower Upper
264 100
260 24.8 19.4 29.2
265 21.6 17.2 25.8

