

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
 Data File : BF085581.D
 Acq On : 19 Mar 2016 19:04
 Operator : UM/SJ
 Sample : H1788-04
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(7-8)

Quant Time: Mar 21 02:31:41 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

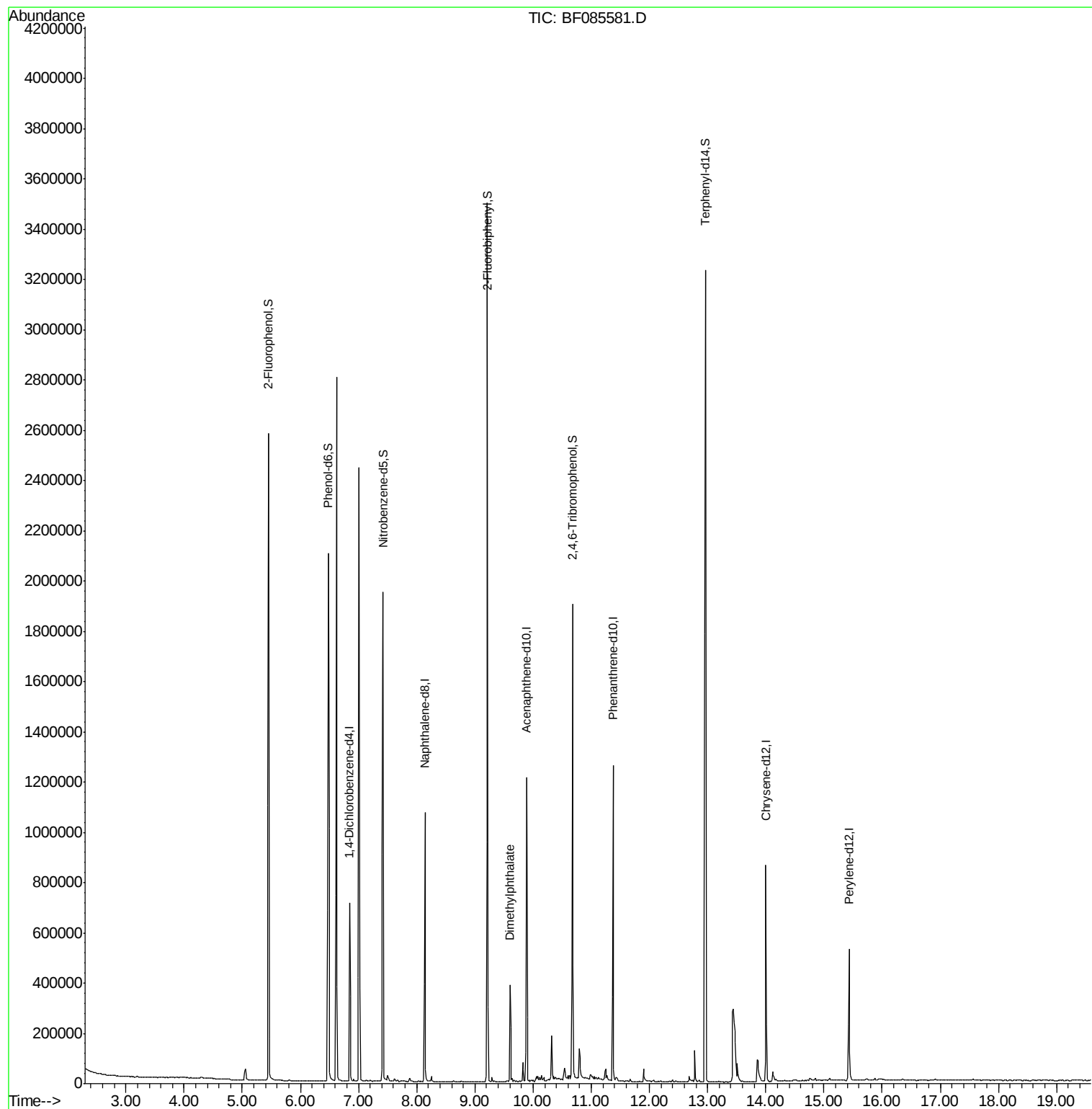
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	126588	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	523954	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	230384	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	454015	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	294098	20.00	ng	-0.01
86) Perylene-d12	15.43	264	228238	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	817740	108.50	ng	0.00
7) Phenol-d6	6.48	99	1055698	109.22	ng	-0.01
23) Nitrobenzene-d5	7.42	82	734140	81.33	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	241522	107.02	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1107531	81.05	ng	-0.01
78) Terphenyl-d14	12.96	244	1205824	98.66	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.60	163	187835	10.80	ng	Qvalue 99

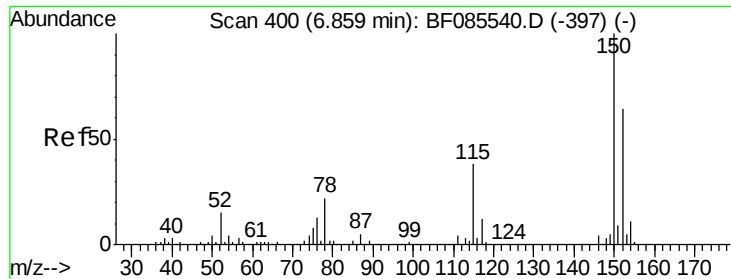
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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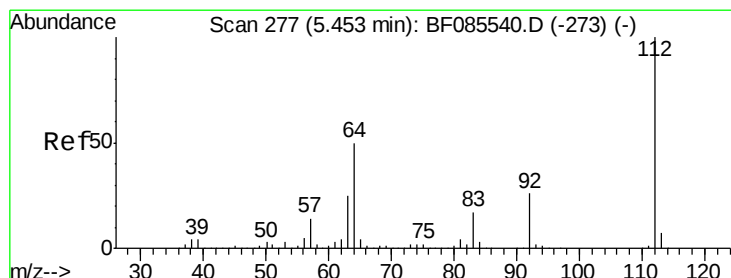
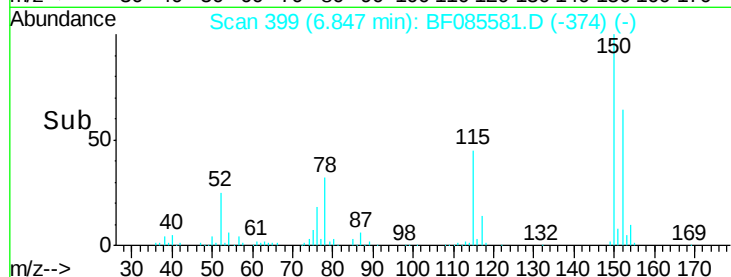
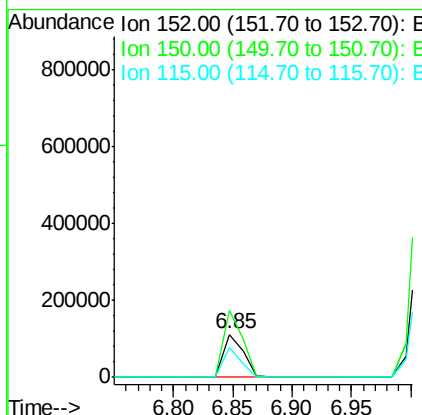
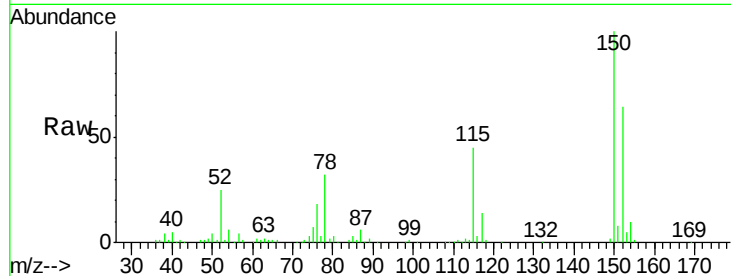




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 399
 Delta R.T. -0.01 min
 Lab File: BF085581.D
 Acq: 19 Mar 2016 19:04

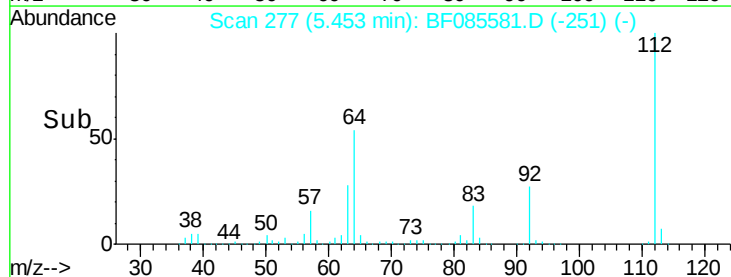
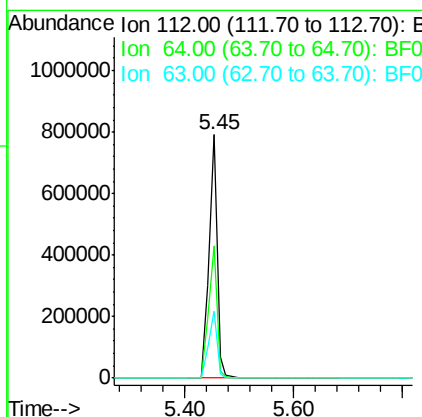
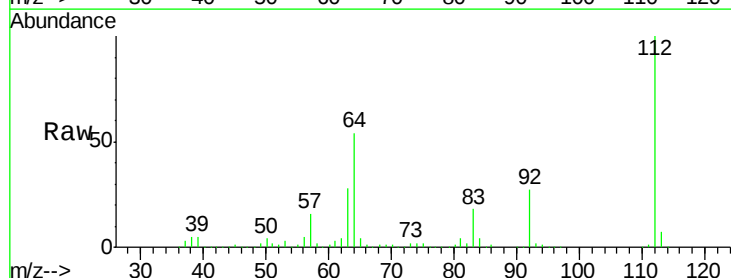
Instrument :
 BNA_F
 ClientSampleId :
 SB-4(7-8)

Tgt Ion:152 Resp: 126588
 Ion Ratio Lower Upper
 152 100
 150 157.0 124.2 186.2
 115 70.4 47.0 70.6



#5
 2-Fluorophenol
 Concen: 108.50 ng
 RT: 5.45 min Scan# 277
 Delta R.T. 0.00 min
 Lab File: BF085581.D
 Acq: 19 Mar 2016 19:04

Tgt Ion:112 Resp: 817740
 Ion Ratio Lower Upper
 112 100
 64 54.1 39.9 59.9
 63 27.7 20.2 30.2





#7

Phenol-d6

Concen: 109.22 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF085581.D

Acq: 19 Mar 2016 19:04

Instrument :

BNA_F

ClientSampleId :

SB-4(7-8)

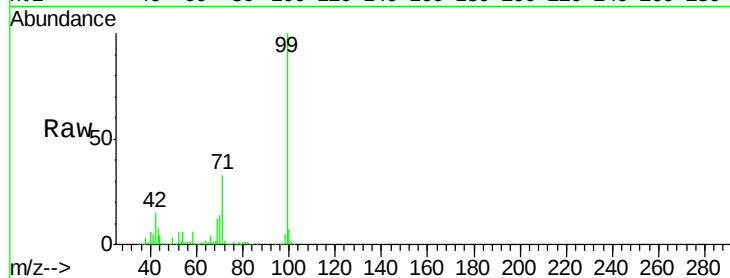
Tgt Ion: 99 Resp: 1055698

Ion Ratio Lower Upper

99 100

42 15.4 11.1 16.7

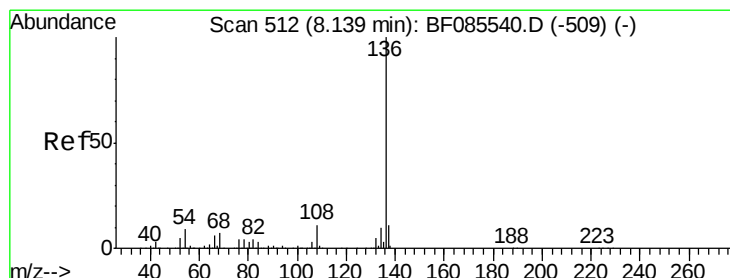
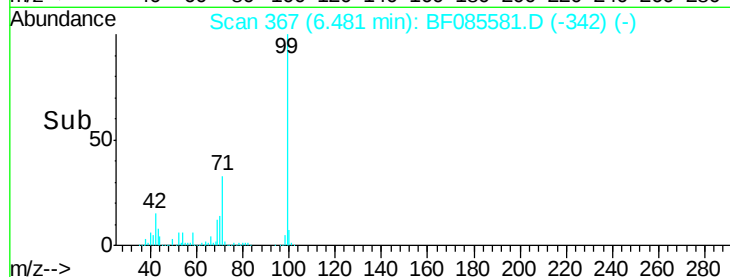
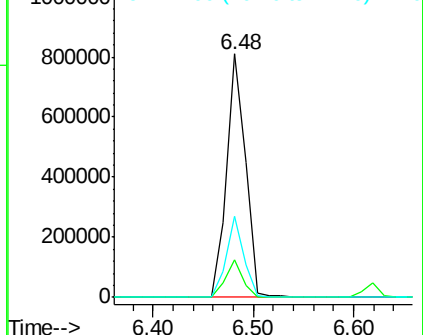
71 33.2 24.9 37.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF085581.D

Acq: 19 Mar 2016 19:04

Tgt Ion: 136 Resp: 523954

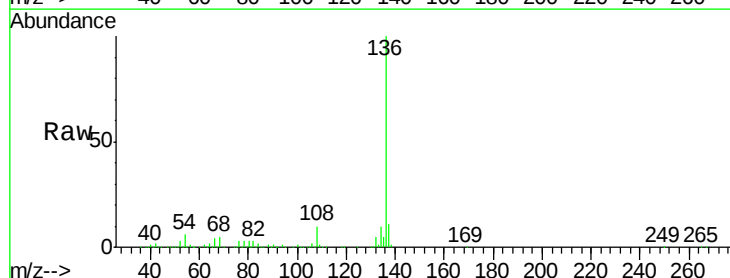
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 5.8 7.4 11.0#

68 4.9 5.8 8.8#

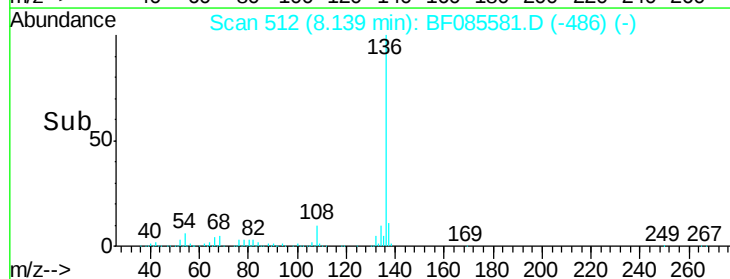
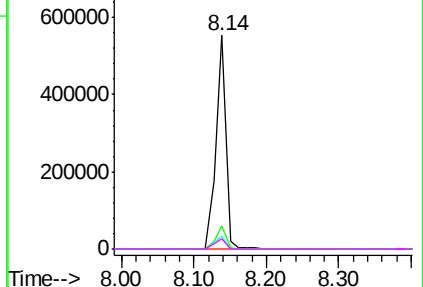


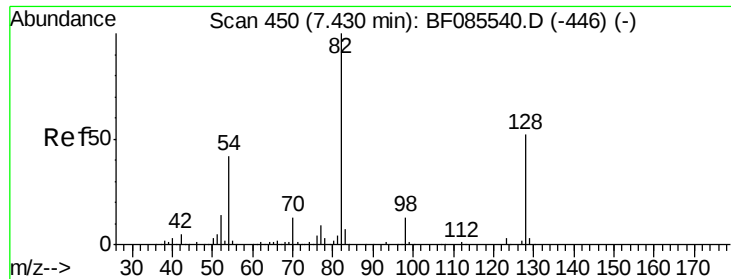
Abundance Ion 136.00 (135.70 to 136.70): E

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

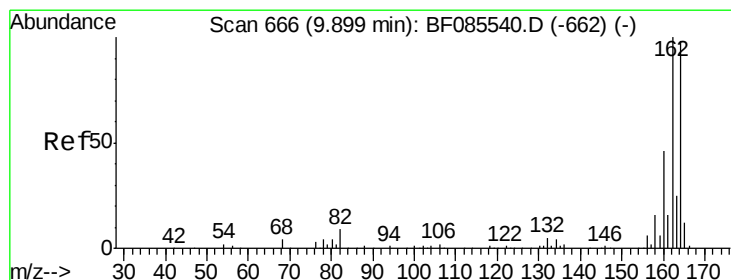
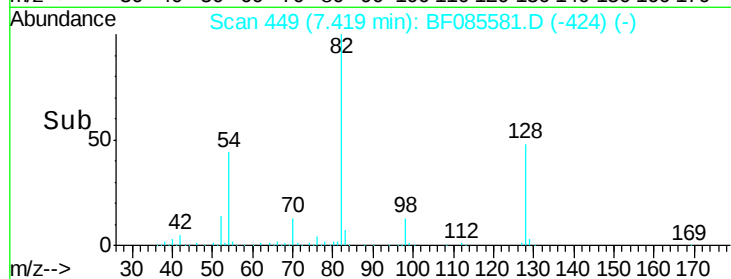
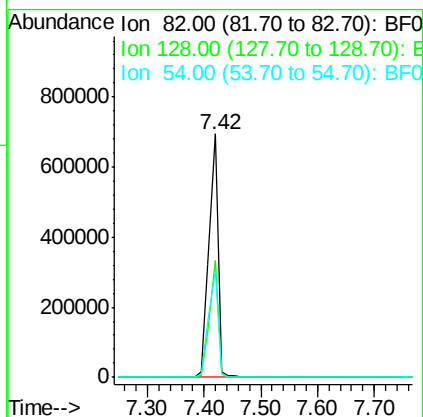
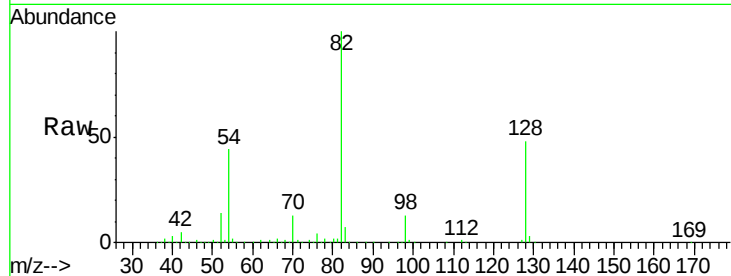




#23
 Nitrobenzene-d5
 Concen: 81.33 ng
 RT: 7.42 min Scan# 449
 Delta R.T. -0.01 min
 Lab File: BF085581.D
 Acq: 19 Mar 2016 19:04

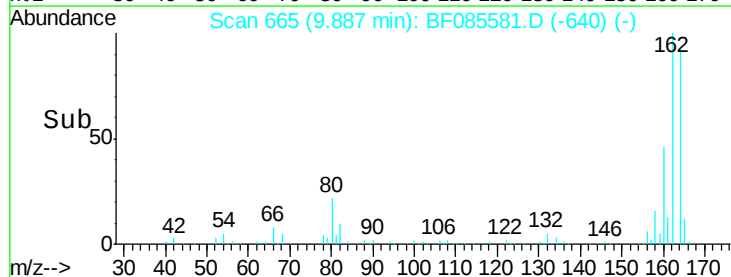
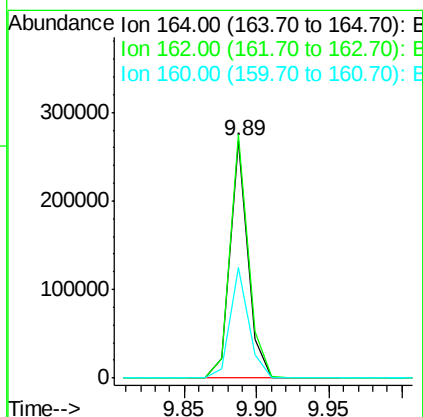
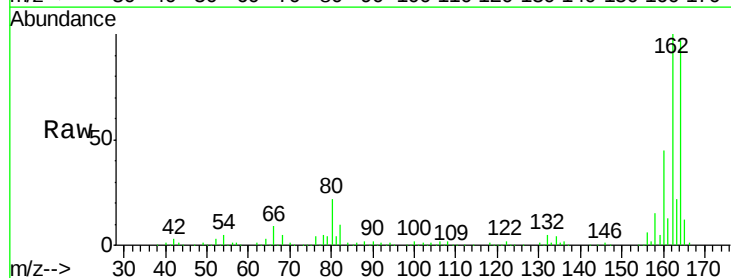
Instrument :
 BNA_F
 ClientSampled :
 SB-4(7-8)

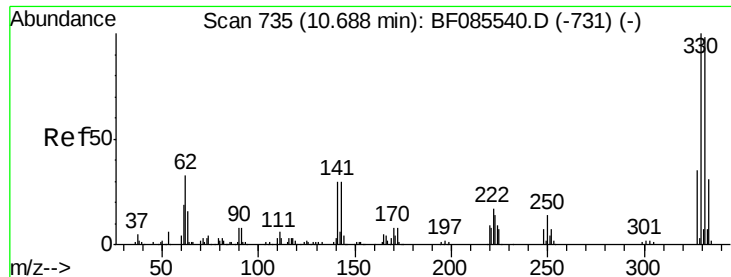
Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.2	41.8	62.8
54	43.9	33.4	50.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 665
 Delta R.T. -0.01 min
 Lab File: BF085581.D
 Acq: 19 Mar 2016 19:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.1	123.1
160	46.5	37.4	56.2

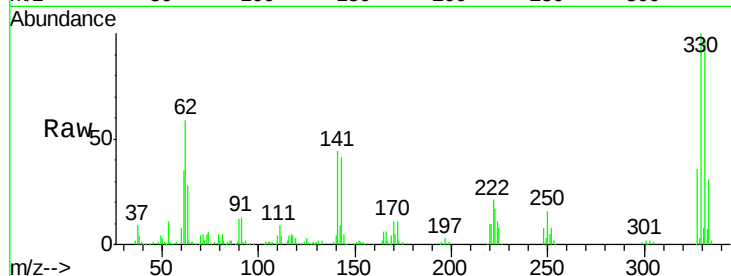




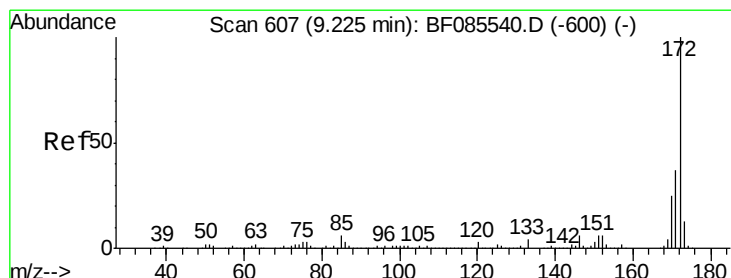
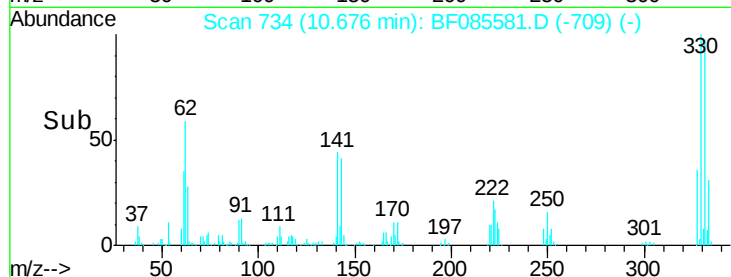
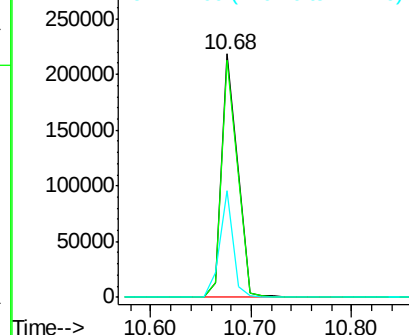
#41
 2,4,6-Tribromophenol
 Concen: 107.02 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.01 min
 Lab File: BF085581.D
 Acq: 19 Mar 2016 19:04

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(7-8)

Tgt Ion:330 Resp: 241522
 Ion Ratio Lower Upper
 330 100
 332 97.1 78.2 117.2
 141 37.0 31.5 47.3

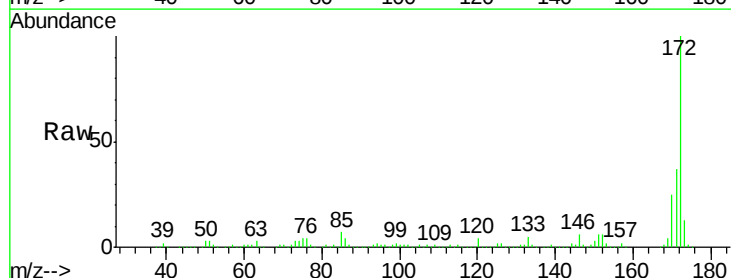


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

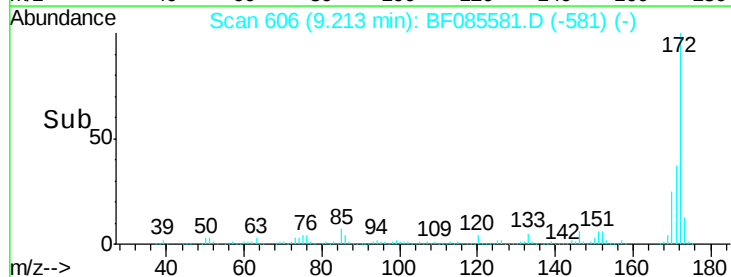
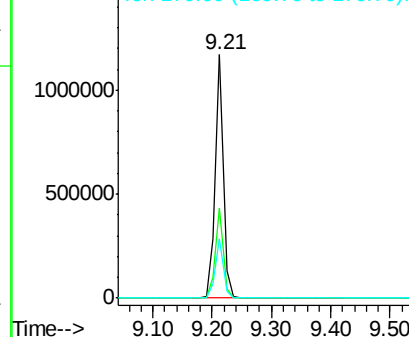


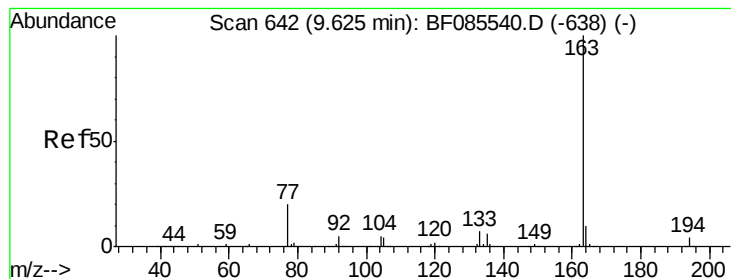
#44
 2-Fluorobiphenyl
 Concen: 81.05 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF085581.D
 Acq: 19 Mar 2016 19:04

Tgt Ion:172 Resp: 1107531
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.4 44.2
 170 24.6 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: 10.80 ng

RT: 9.60 min Scan# 640

Delta R.T. -0.02 min

Lab File: BF085581.D

Acq: 19 Mar 2016 19:04

Instrument :

BNA_F

ClientSampleId :

SB-4(7-8)

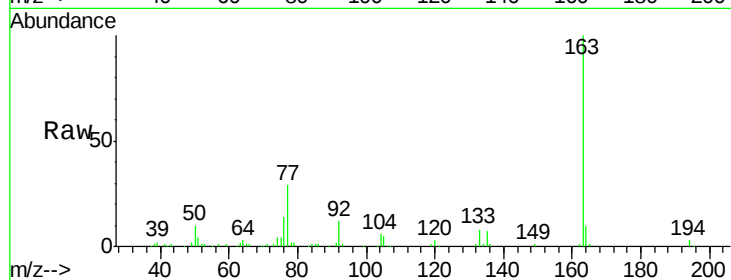
Tgt Ion:163 Resp: 187835

Ion Ratio Lower Upper

163 100

194 2.9 2.9 4.3

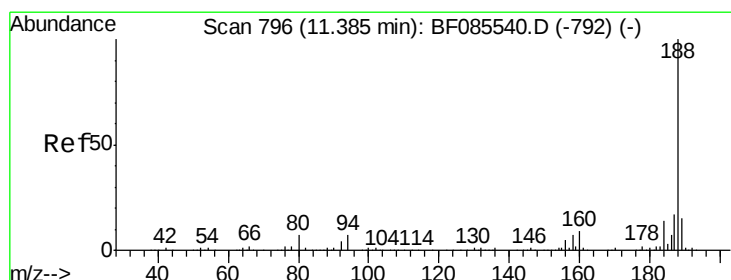
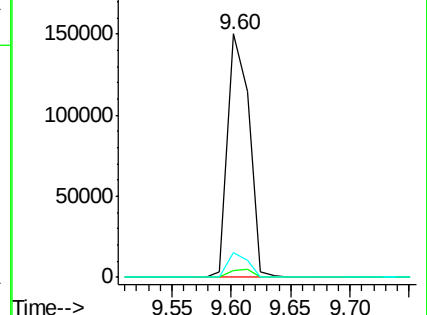
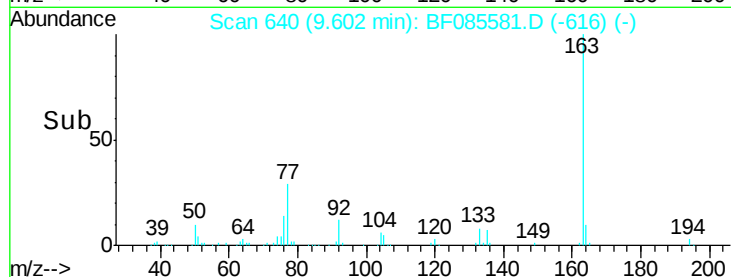
164 10.3 8.3 12.5



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: 11.37 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF085581.D

Acq: 19 Mar 2016 19:04

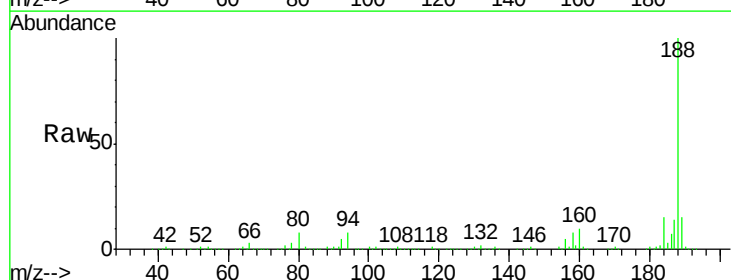
Tgt Ion:188 Resp: 454015

Ion Ratio Lower Upper

188 100

94 8.3 5.4 8.0#

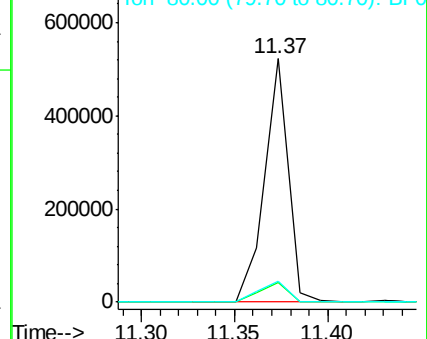
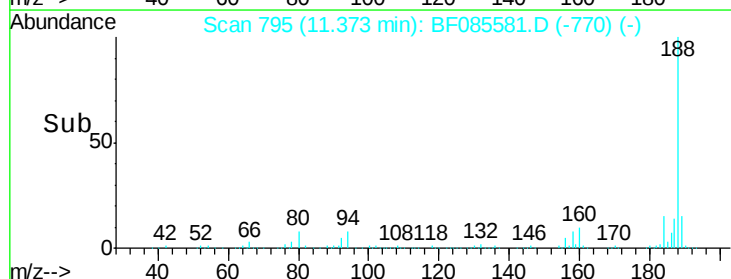
80 8.4 5.5 8.3#

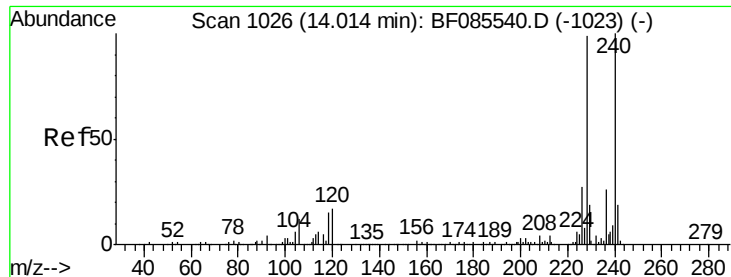


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.00 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF085581.D

Acq: 19 Mar 2016 19:04

Instrument :

BNA_F

ClientSampleId :

SB-4(7-8)

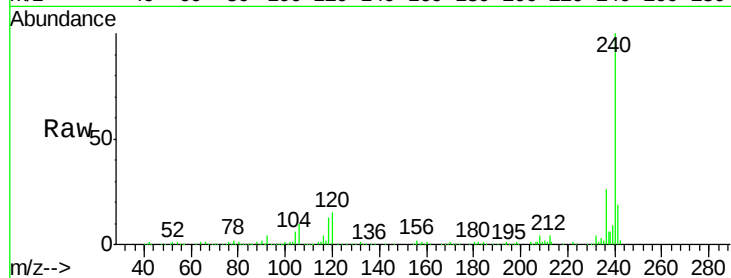
Tgt Ion:240 Resp: 294098

Ion Ratio Lower Upper

240 100

120 15.1 13.8 20.8

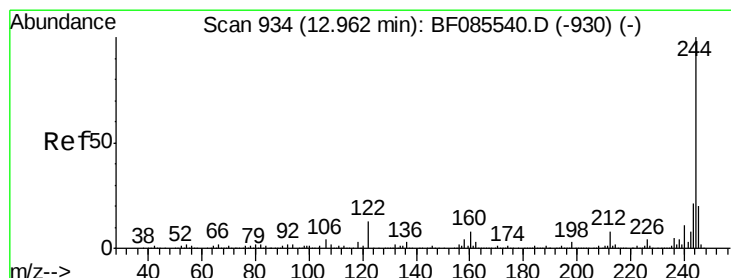
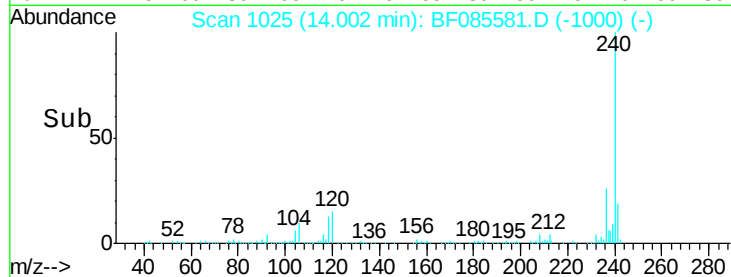
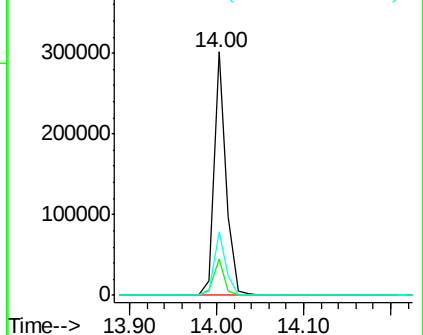
236 26.2 20.6 30.8



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: 98.66 ng

RT: 12.96 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF085581.D

Acq: 19 Mar 2016 19:04

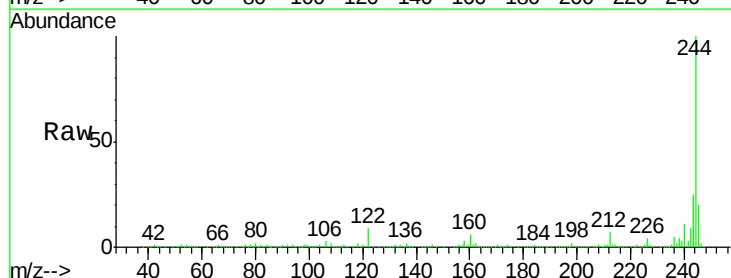
Tgt Ion:244 Resp: 1205824

Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

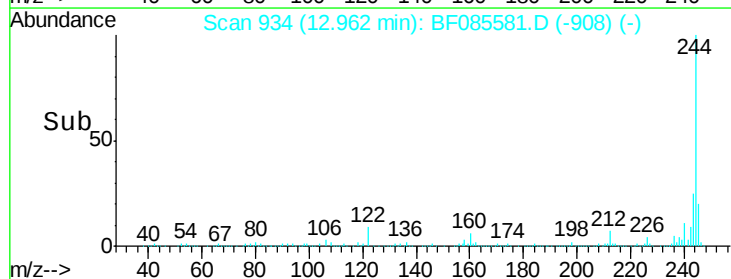
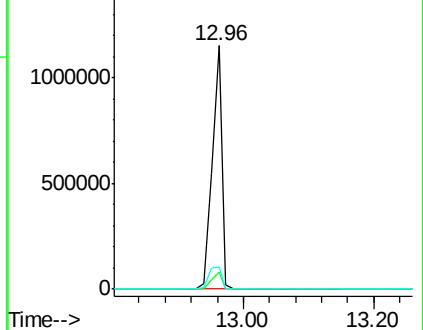
122 9.3 10.2 15.4#

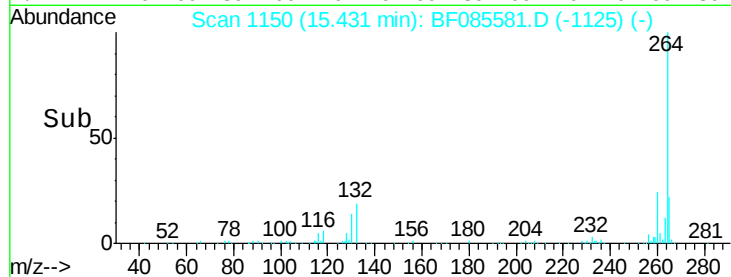
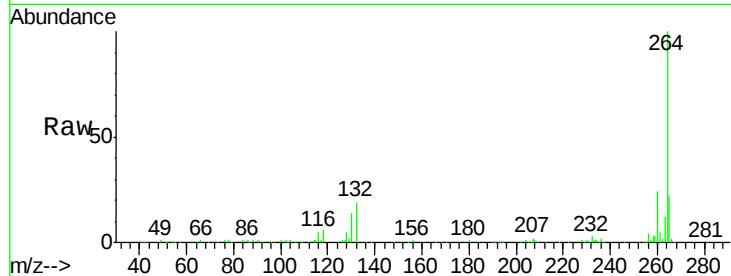
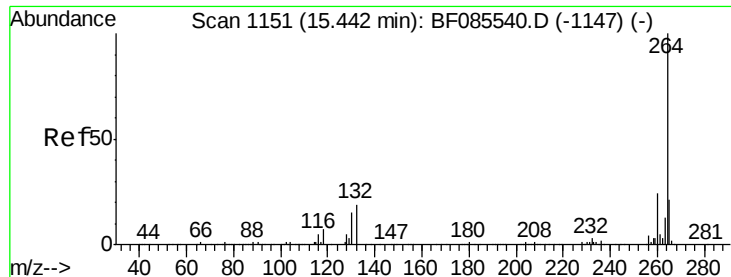


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.43 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF085581.D

Acq: 19 Mar 2016 19:04

Instrument :

BNA_F

ClientSampleId :

SB-4(7-8)

Tgt Ion:264 Resp: 228238

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.2

265 21.5 17.2 25.8

