

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091615\
 Data File : BF081649.D
 Acq On : 16 Sep 2015 14:57
 Operator : UM/IZ
 Sample : PB85561BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85561BL

Quant Time: Sep 17 01:56:31 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 14:03:59 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	45931	20.00	ng	-0.03
21) Naphthalene-d8	11.09	136	184208	20.00	ng	-0.03
38) Acenaphthene-d10	15.21	164	89088	20.00	ng	-0.05
63) Phenanthrene-d10	18.72	188	189432	20.00	ng	-0.03
75) Chrysene-d12	23.36	240	169349	20.00	ng	-0.02
86) Perylene-d12	24.79	264	114308	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	298007	100.66	ng	0.00
7) Phenol-d6	7.60	99	415973	106.15	ng	-0.05
23) Nitrobenzene-d5	9.49	82	270923	70.96	ng	-0.05
41) 2,4,6-Tribromophenol	17.12	330	83053	104.70	ng	-0.05
44) 2-Fluorobiphenyl	13.73	172	473092	68.05	ng	-0.05
78) Terphenyl-d14	22.08	244	511174	70.26	ng	-0.03

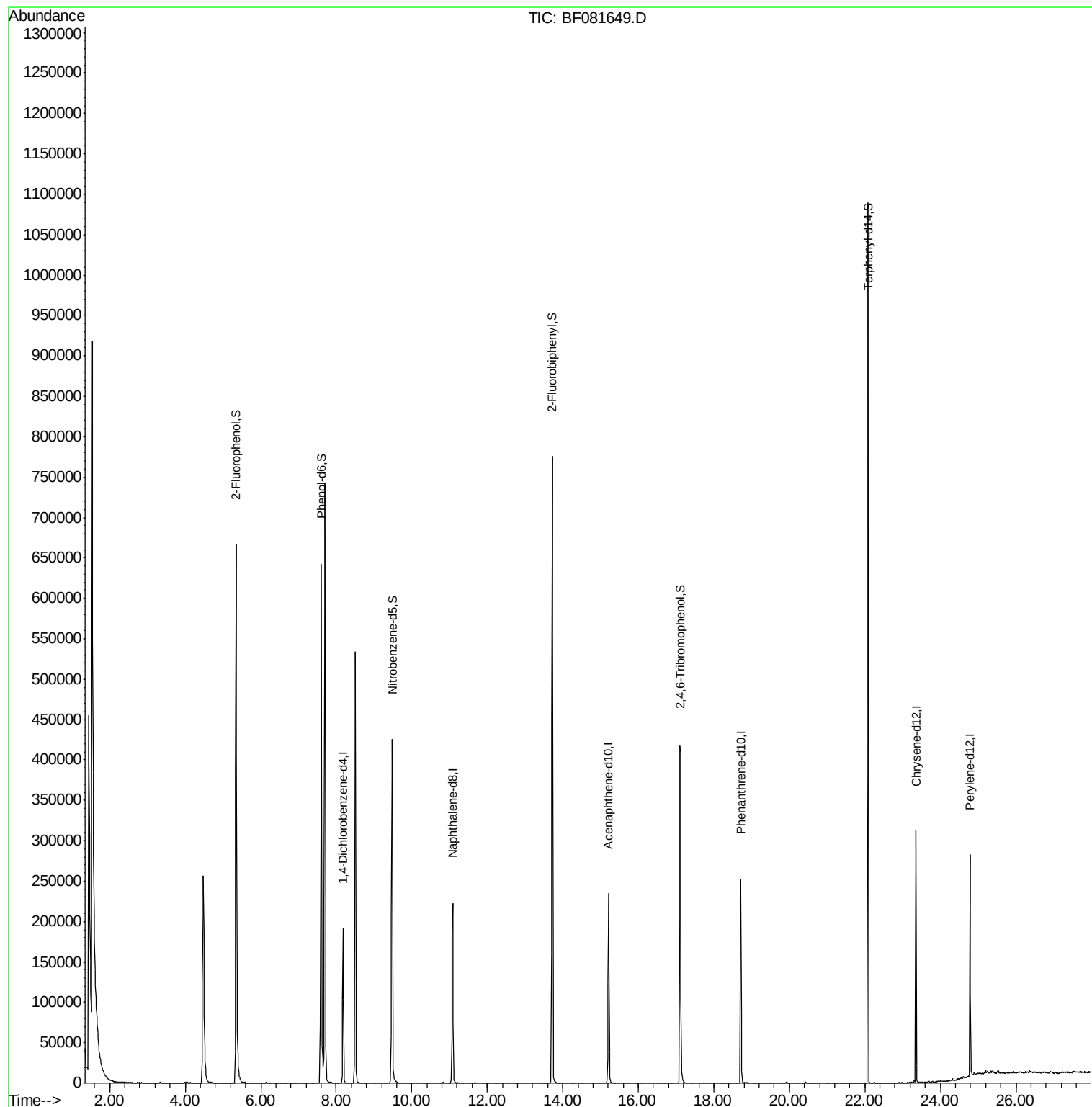
Target Compounds	Qvalue
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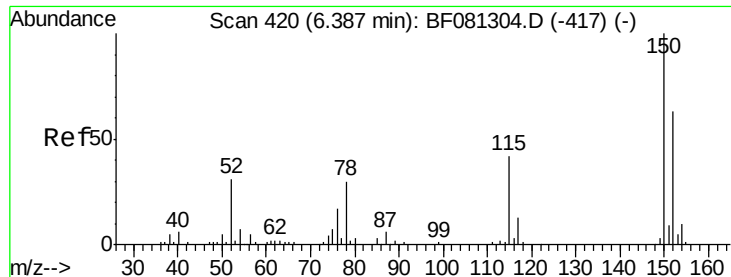
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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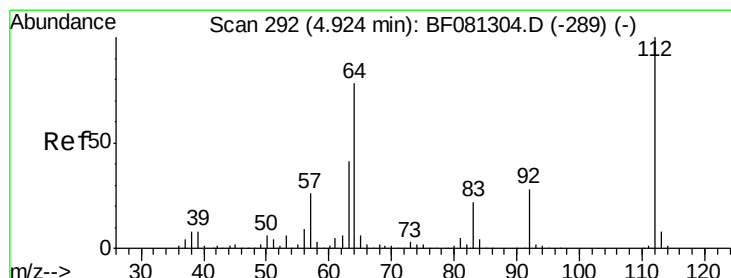
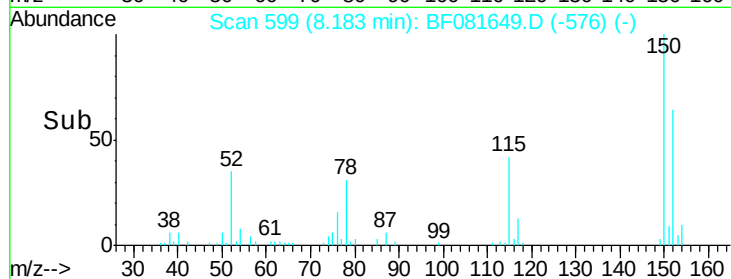
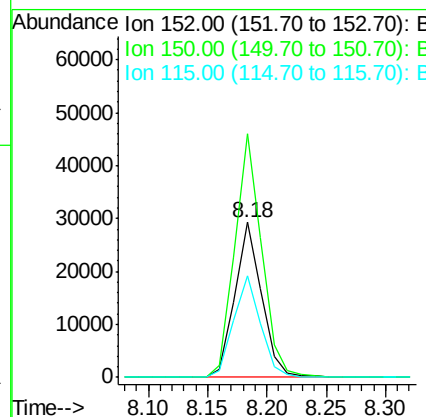
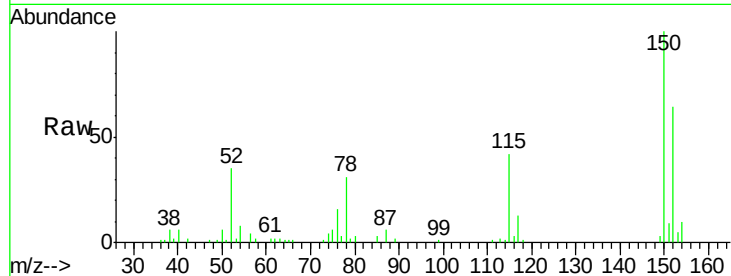


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.18 min Scan# 599
 Delta R.T. -0.03 min
 Lab File: BF081649.D
 Acq: 16 Sep 2015 14:57

Instrument :
 BNA_F
 ClientSampleId :
 PB85561BL

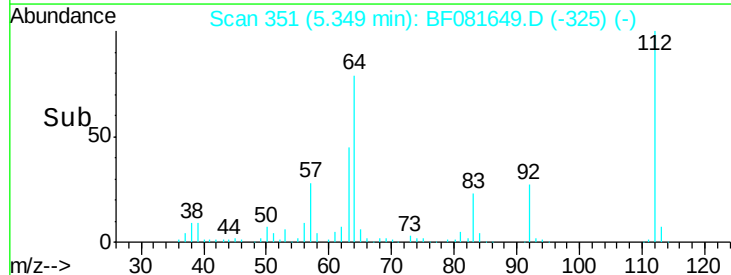
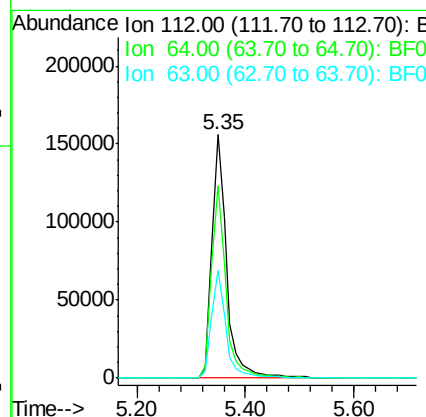
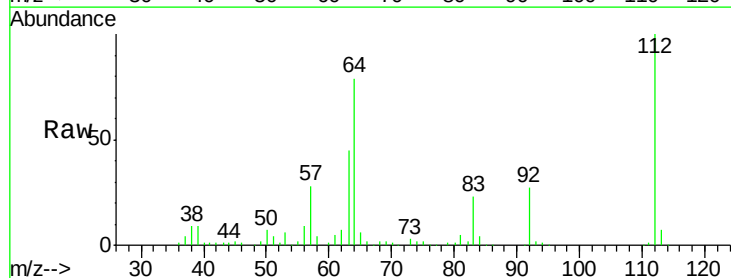
Tgt Ion:152 Resp: 45931
 Ion Ratio Lower Upper
 152 100
 150 156.9 124.7 187.1
 115 65.2 39.0 58.4#

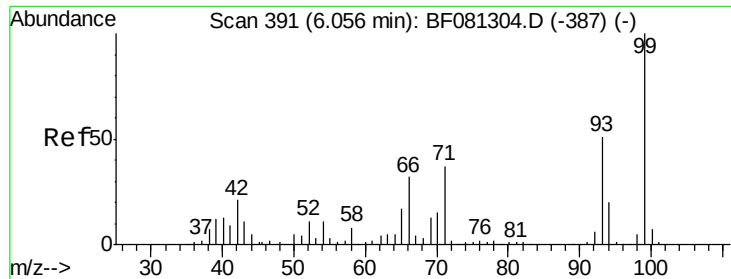


#5

2-Fluorophenol
 Concen: 100.66 ng
 RT: 5.35 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: BF081649.D
 Acq: 16 Sep 2015 14:57

Tgt Ion:112 Resp: 298007
 Ion Ratio Lower Upper
 112 100
 64 79.3 39.7 59.5#
 63 44.5 17.4 26.0#





#7

Phenol-d6

Concen: 106.15 ng

RT: 7.60 min Scan# 548

Delta R.T. -0.05 min

Lab File: BF081649.D

Acq: 16 Sep 2015 14:57

Instrument :

BNA_F

ClientSampleId :

PB85561BL

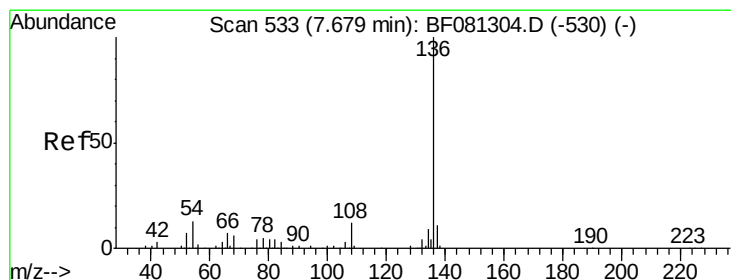
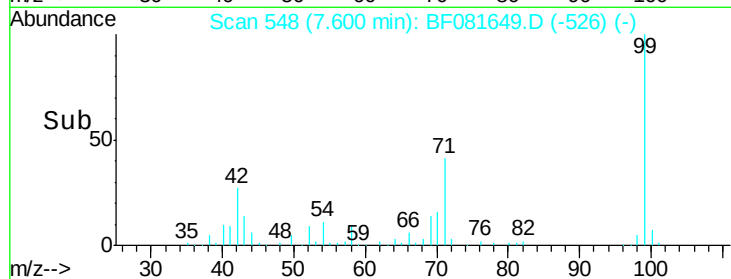
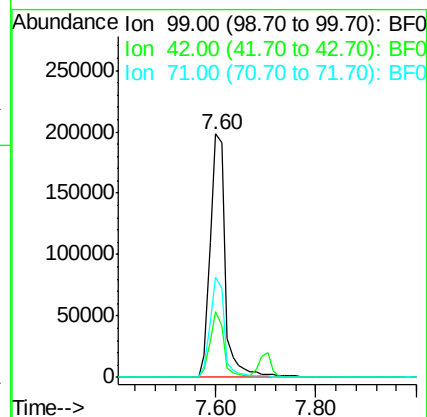
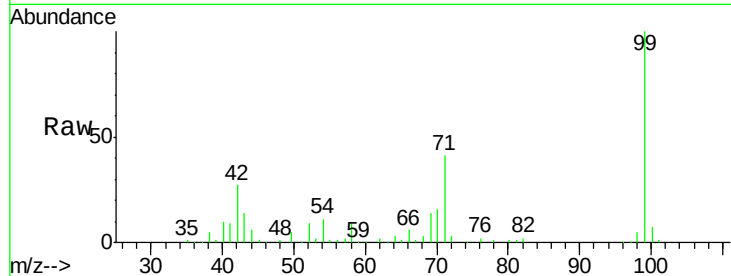
Tgt Ion: 99 Resp: 415973

Ion Ratio Lower Upper

99 100

42 27.0 13.7 20.5#

71 41.3 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.09 min Scan# 853

Delta R.T. -0.03 min

Lab File: BF081649.D

Acq: 16 Sep 2015 14:57

Tgt Ion: 136 Resp: 184208

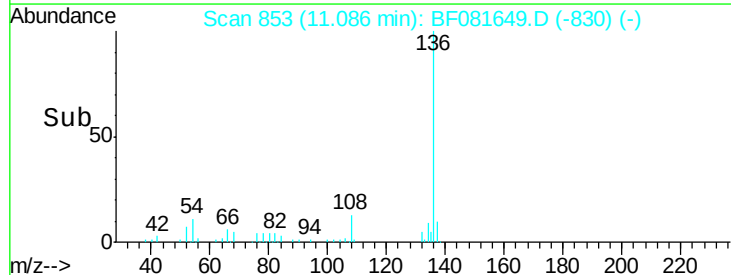
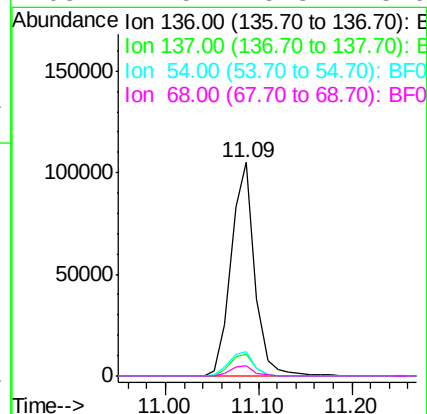
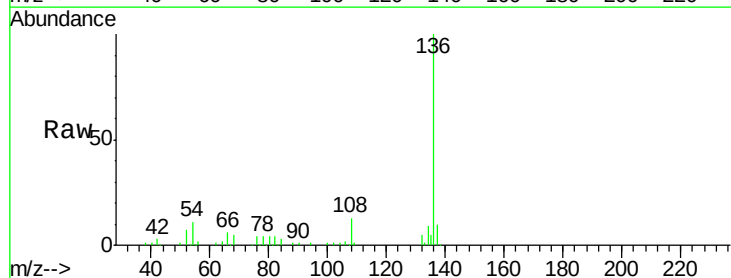
Ion Ratio Lower Upper

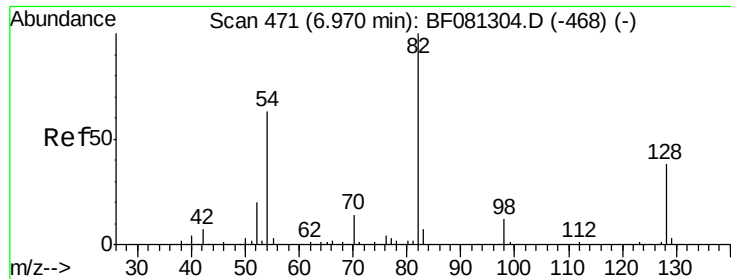
136 100

137 10.4 9.0 13.6

54 11.3 8.2 12.2

68 4.5 5.8 8.6#

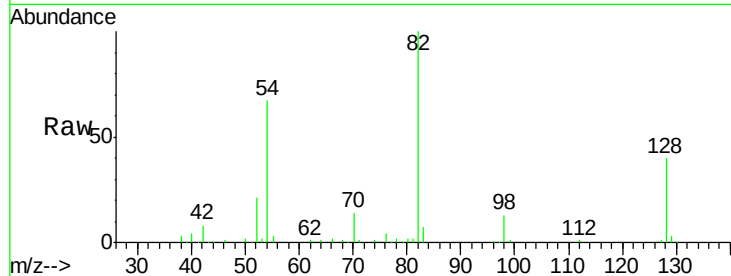




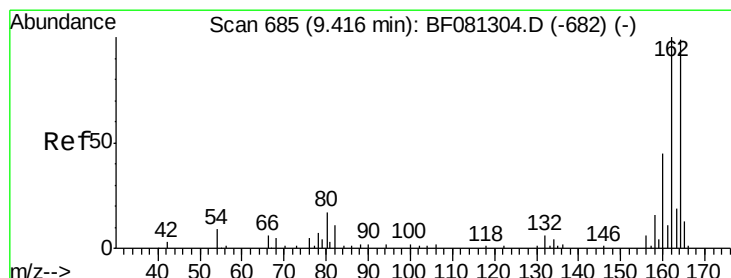
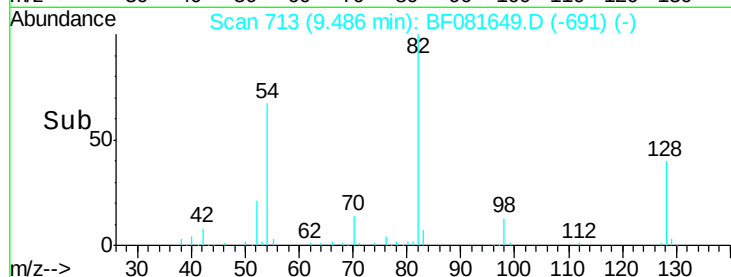
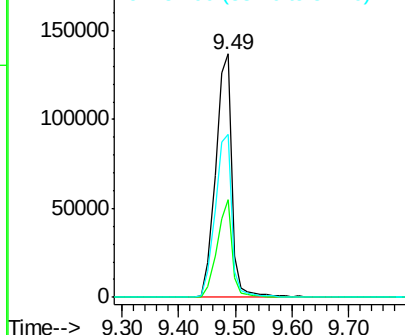
#23
 Nitrobenzene-d5
 Concen: 70.96 ng
 RT: 9.49 min Scan# 713
 Delta R.T. -0.05 min
 Lab File: BF081649.D
 Acq: 16 Sep 2015 14:57

Instrument :
 BNA_F
 ClientSampleId :
 PB85561BL

Tgt Ion: 82 Resp: 270923
 Ion Ratio Lower Upper
 82 100
 128 40.1 51.0 76.6#
 54 66.9 47.5 71.3

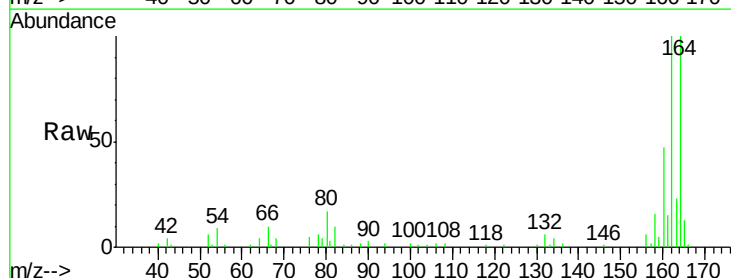


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

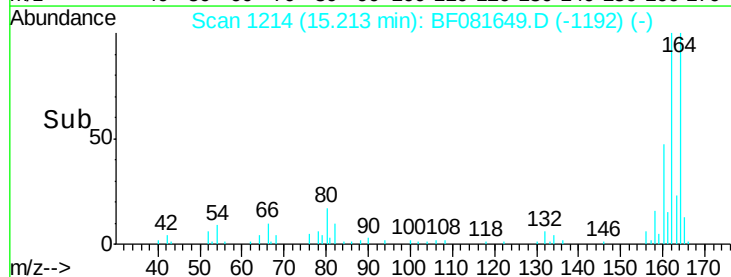
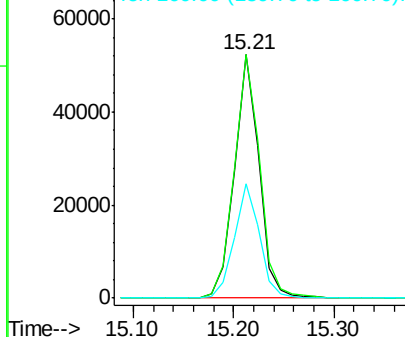


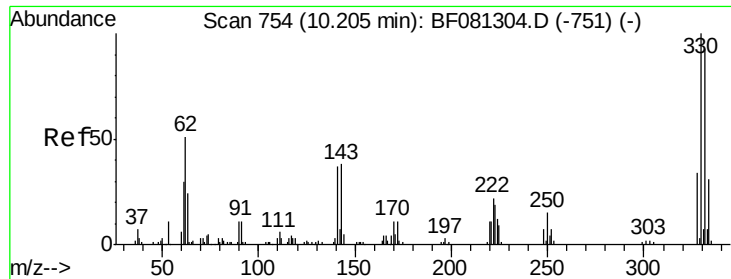
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1214
 Delta R.T. -0.05 min
 Lab File: BF081649.D
 Acq: 16 Sep 2015 14:57

Tgt Ion: 164 Resp: 89088
 Ion Ratio Lower Upper
 164 100
 162 99.9 75.2 112.8
 160 47.0 31.5 47.3



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

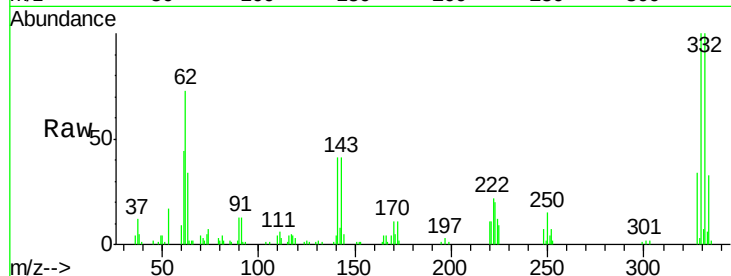




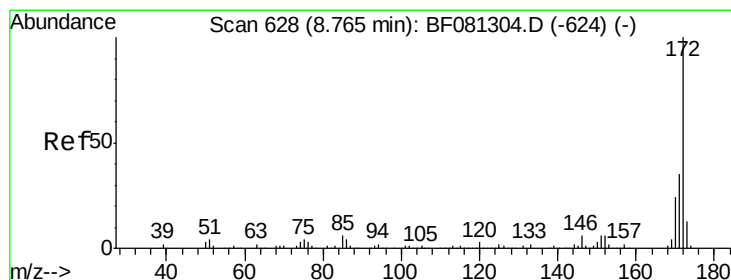
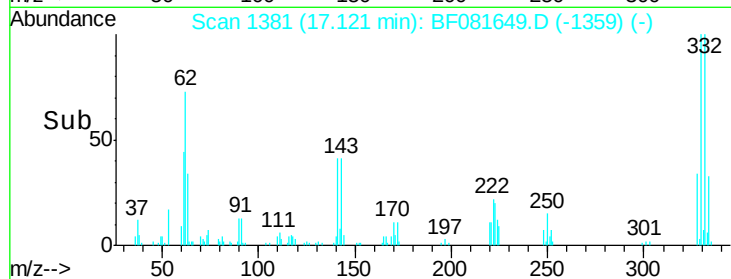
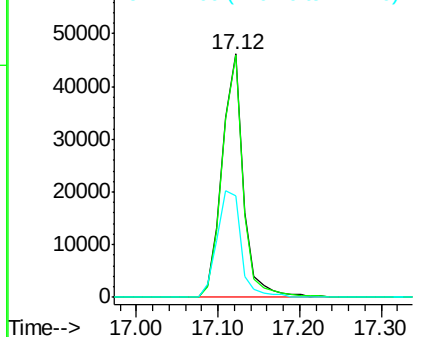
#41
 2,4,6-Tribromophenol
 Concen: 104.70 ng
 RT: 17.12 min Scan# 1381
 Delta R.T. -0.05 min
 Lab File: BF081649.D
 Acq: 16 Sep 2015 14:57

Instrument :
 BNA_F
 ClientSampleId :
 PB85561BL

Tgt Ion:330 Resp: 83053
 Ion Ratio Lower Upper
 330 100
 332 98.4 76.6 114.8
 141 49.9 29.7 44.5#

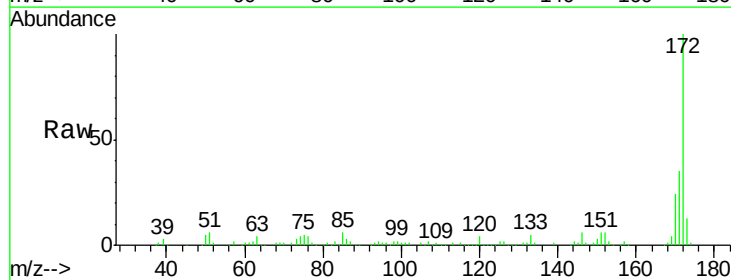


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

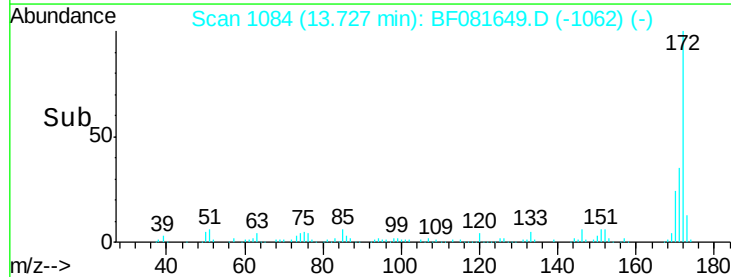
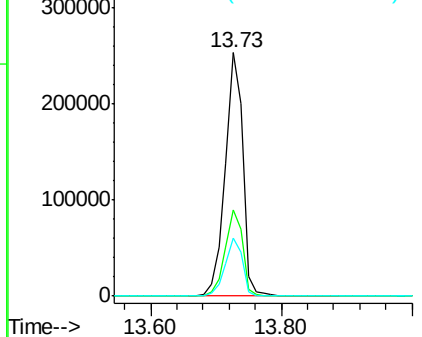


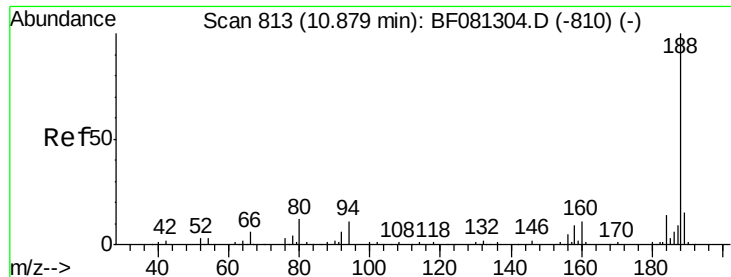
#44
 2-Fluorobiphenyl
 Concen: 68.05 ng
 RT: 13.73 min Scan# 1084
 Delta R.T. -0.05 min
 Lab File: BF081649.D
 Acq: 16 Sep 2015 14:57

Tgt Ion:172 Resp: 473092
 Ion Ratio Lower Upper
 172 100
 171 35.4 26.1 39.1
 170 23.8 17.4 26.2



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

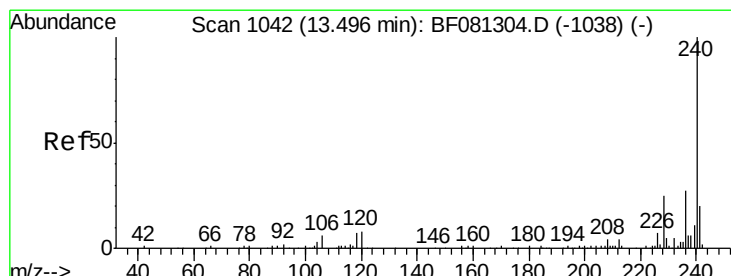
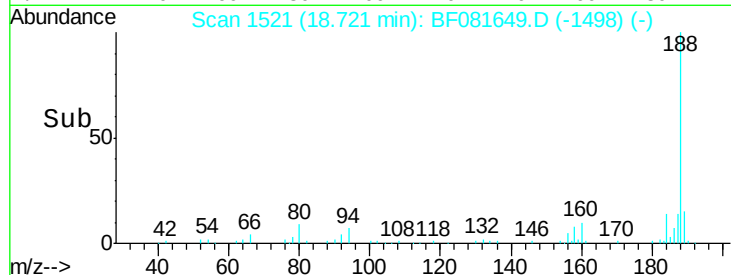
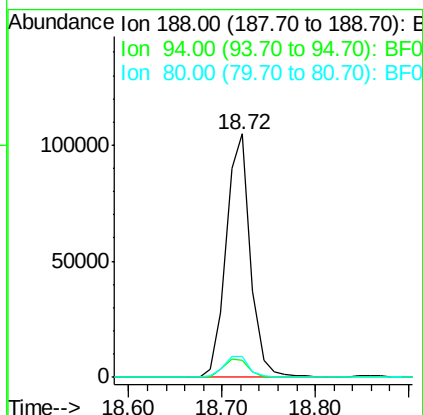
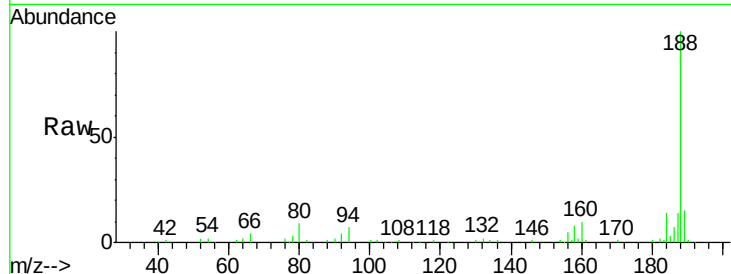




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 18.72 min Scan# 1521
 Delta R.T. -0.03 min
 Lab File: BF081649.D
 Acq: 16 Sep 2015 14:57

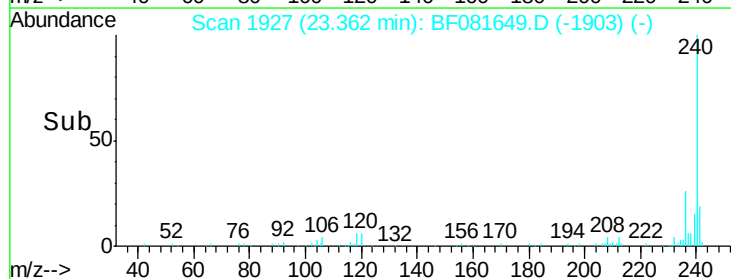
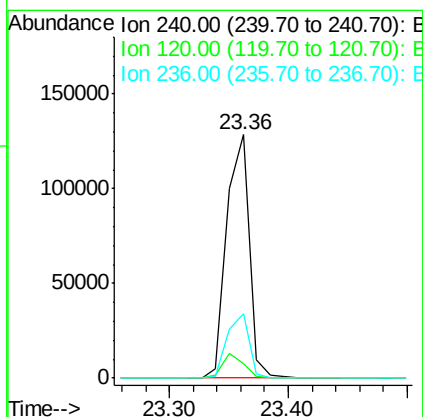
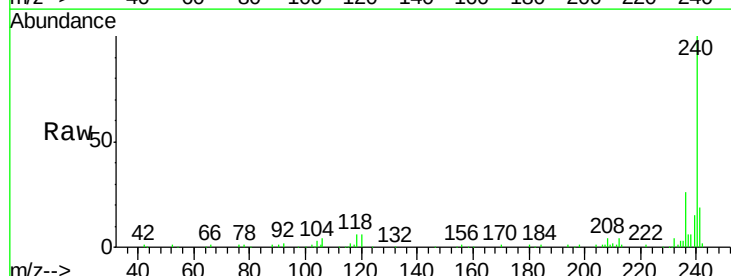
Instrument :
 BNA_F
 ClientSampleId :
 PB85561BL

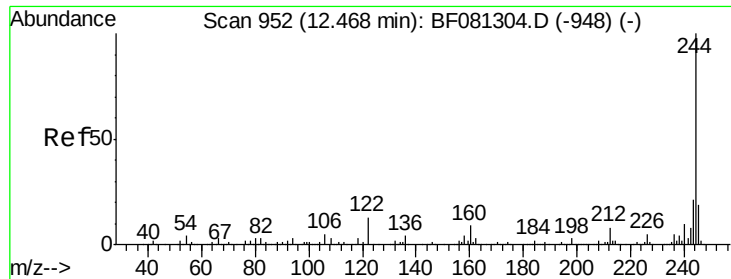
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.1	11.1	16.7#
80	8.8	11.0	16.4#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 23.36 min Scan# 1927
 Delta R.T. -0.02 min
 Lab File: BF081649.D
 Acq: 16 Sep 2015 14:57

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.1	16.2	24.2#
236	26.2	18.4	27.6





#78

Terphenyl-d14

Concen: 70.26 ng

RT: 22.08 min Scan# 1815

Delta R.T. -0.03 min

Lab File: BF081649.D

Acq: 16 Sep 2015 14:57

Instrument :

BNA_F

ClientSampleId :

PB85561BL

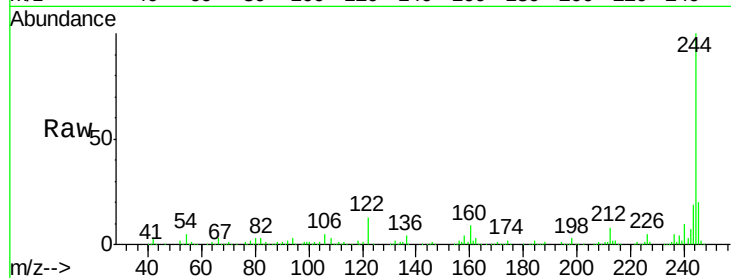
Tgt Ion:244 Resp: 511174

Ion Ratio Lower Upper

244 100

212 8.0 4.3 6.5#

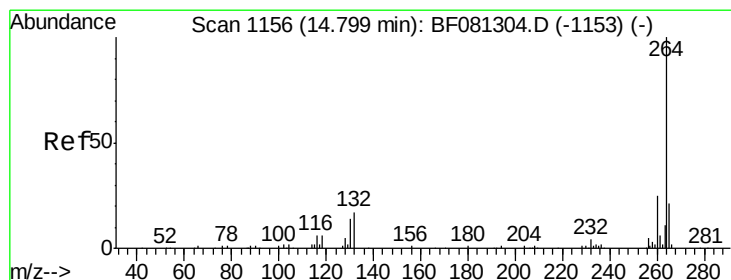
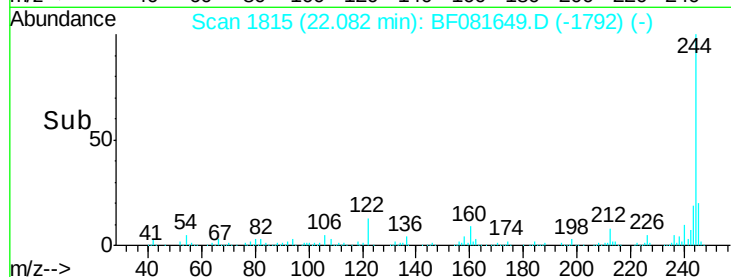
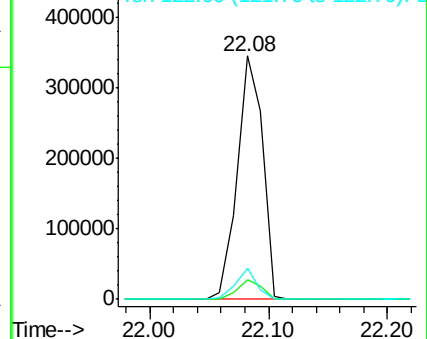
122 12.8 17.4 26.2#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.79 min Scan# 2052

Delta R.T. -0.02 min

Lab File: BF081649.D

Acq: 16 Sep 2015 14:57

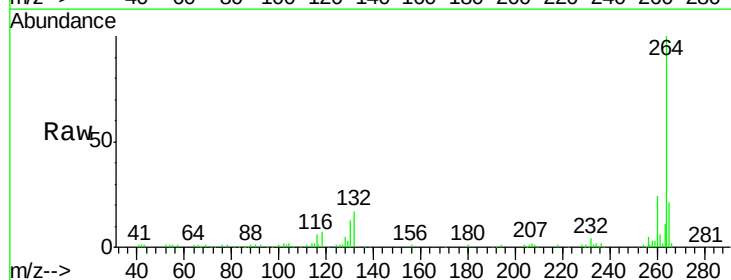
Tgt Ion:264 Resp: 114308

Ion Ratio Lower Upper

264 100

260 24.0 16.7 25.1

265 21.2 17.2 25.8



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

