

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091615\
 Data File : BF081645.D
 Acq On : 16 Sep 2015 12:30
 Operator : UM/IZ
 Sample : PB85485BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85485BL

Quant Time: Sep 17 01:40:57 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	48146	20.00	ng	-0.03
21) Naphthalene-d8	11.09	136	196301	20.00	ng	-0.03
38) Acenaphthene-d10	15.21	164	95981	20.00	ng	-0.05
63) Phenanthrene-d10	18.72	188	203180	20.00	ng	-0.03
75) Chrysene-d12	23.36	240	174809	20.00	ng	-0.02
86) Perylene-d12	24.79	264	114482	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	376013	121.17	ng	0.00
7) Phenol-d6	7.61	99	505386	123.04	ng	-0.03
23) Nitrobenzene-d5	9.49	82	334781	82.28	ng	-0.05
41) 2,4,6-Tribromophenol	17.12	330	107705	126.03	ng	-0.05
44) 2-Fluorobiphenyl	13.74	172	591658	78.99	ng	-0.03
78) Terphenyl-d14	22.09	244	623310	83.00	ng	-0.02

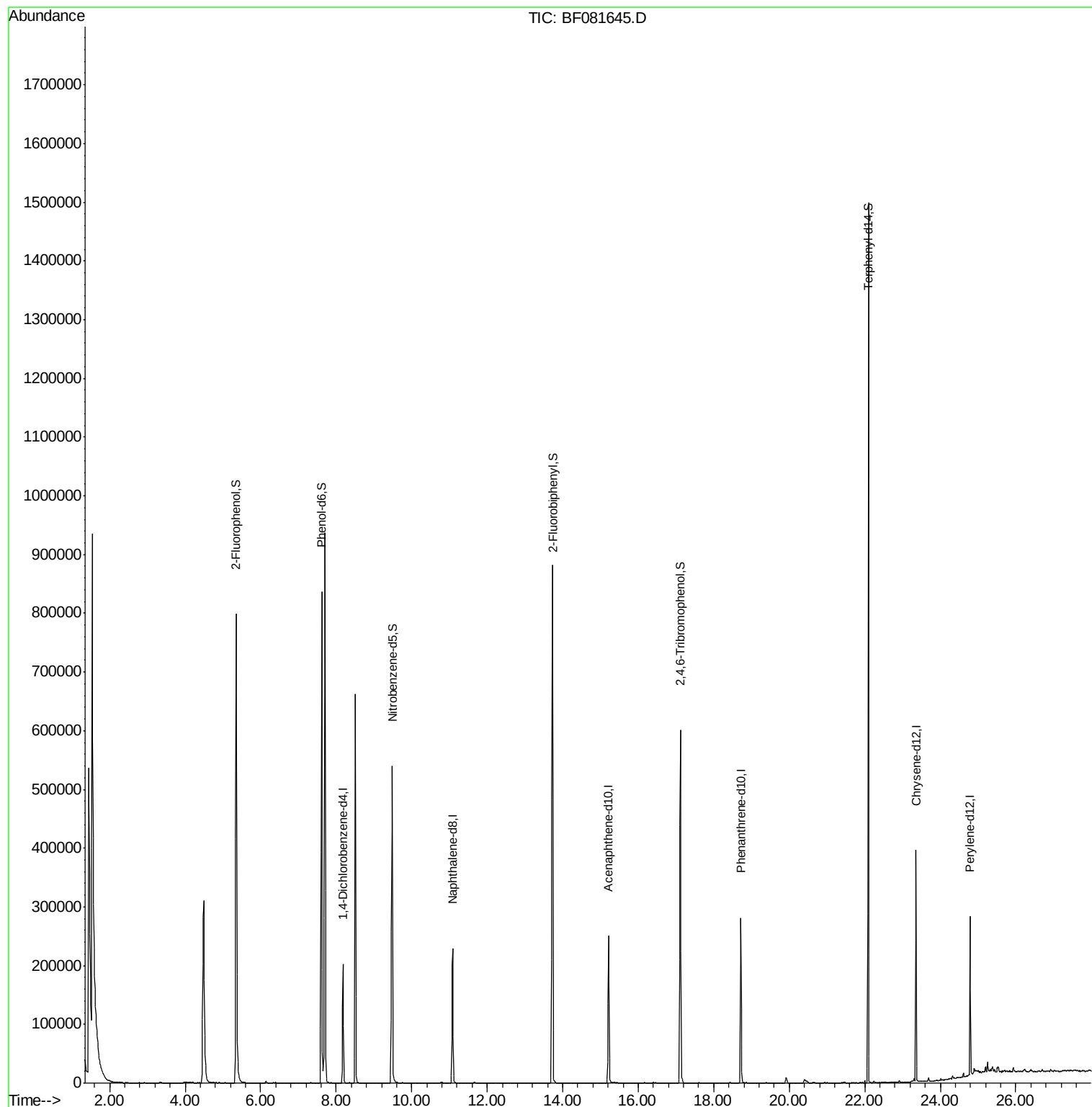
Target Compounds	Qvalue
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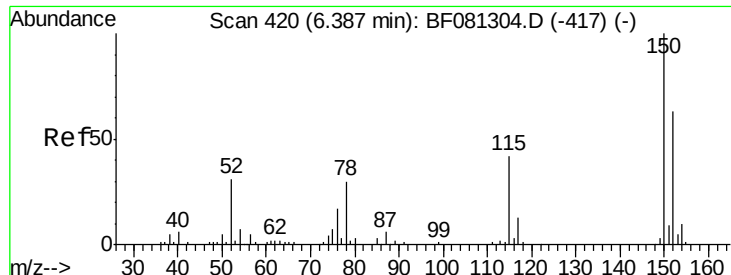
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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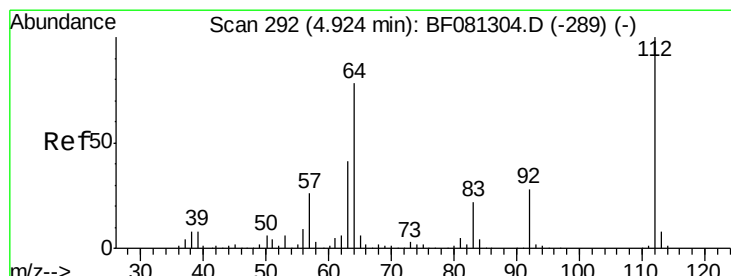
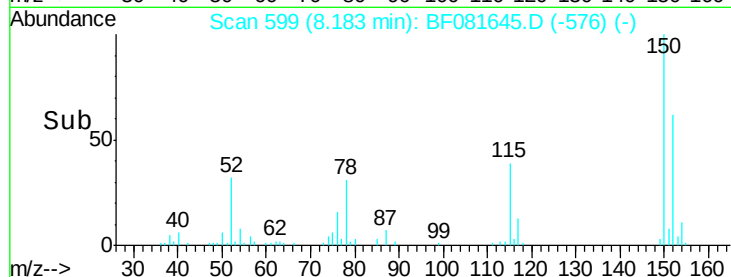
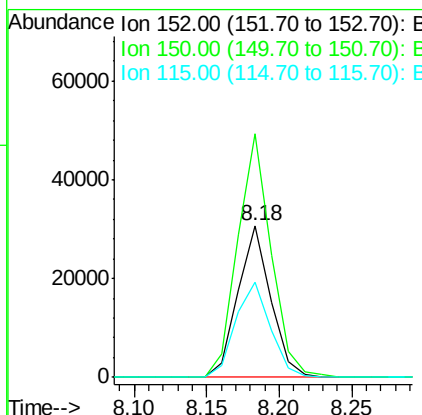
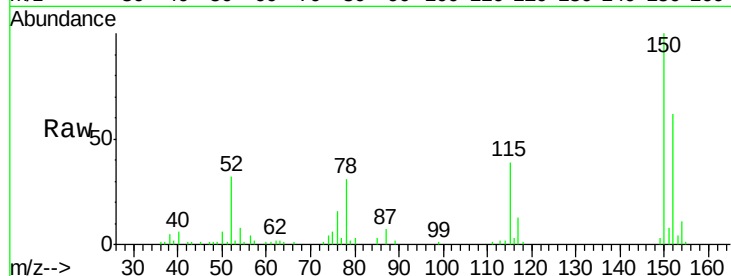


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.18 min Scan# 599
Delta R.T. -0.03 min
Lab File: BF081645.D
Acq: 16 Sep 2015 12:30

Instrument :
BNA_F
ClientSampleId :
PB85485BL

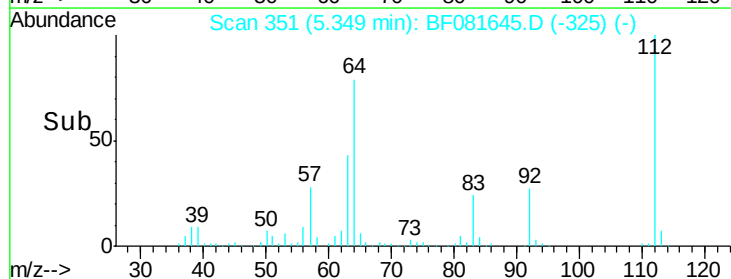
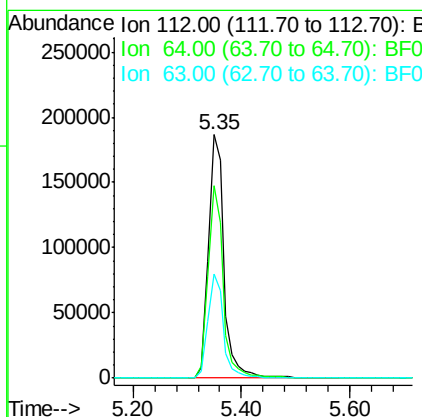
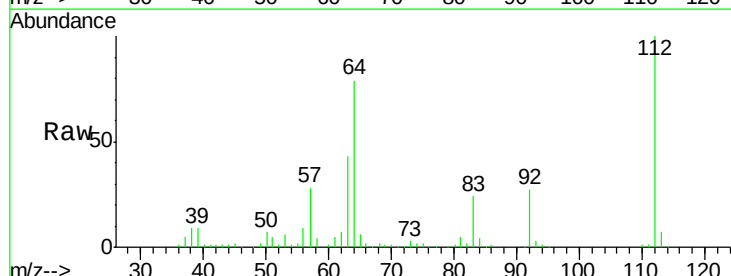
Tgt Ion:152 Resp: 48146
Ion Ratio Lower Upper
152 100
150 160.6 124.7 187.1
115 62.5 39.0 58.4#

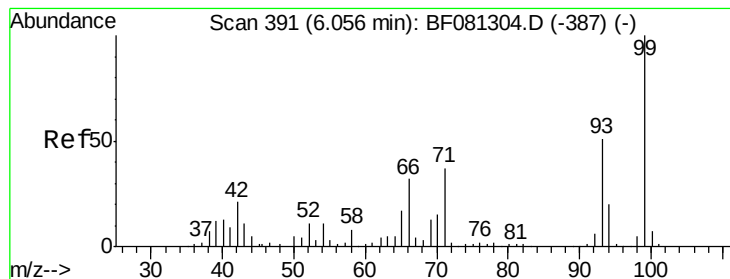


#5

2-Fluorophenol
Concen: 121.17 ng
RT: 5.35 min Scan# 351
Delta R.T. 0.00 min
Lab File: BF081645.D
Acq: 16 Sep 2015 12:30

Tgt Ion:112 Resp: 376013
Ion Ratio Lower Upper
112 100
64 79.1 39.7 59.5#
63 42.5 17.4 26.0#





#7

Phenol-d6

Concen: 123.04 ng

RT: 7.61 min Scan# 549

Delta R.T. -0.03 min

Lab File: BF081645.D

Acq: 16 Sep 2015 12:30

Instrument :

BNA_F

ClientSampleId :

PB85485BL

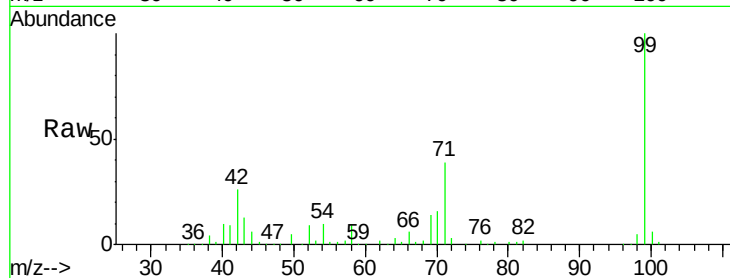
Tgt Ion: 99 Resp: 505386

Ion Ratio Lower Upper

99 100

42 26.3 13.7 20.5#

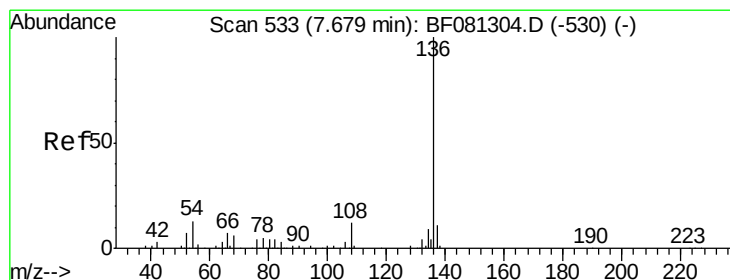
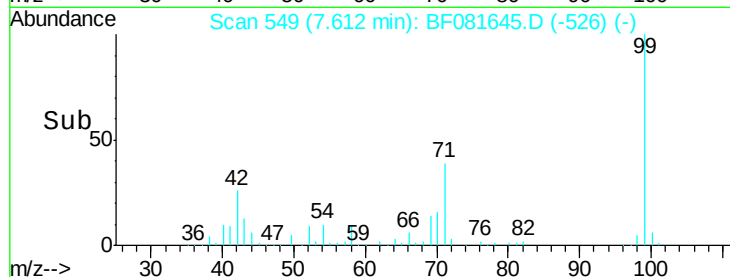
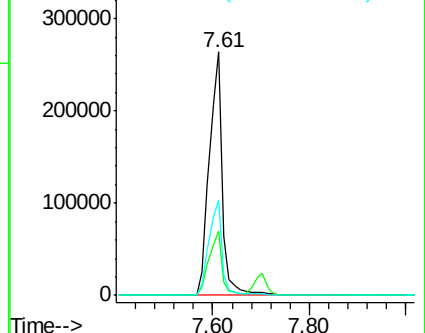
71 39.2 14.2 21.2#



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: 11.09 min Scan# 853

Delta R.T. -0.03 min

Lab File: BF081645.D

Acq: 16 Sep 2015 12:30

Tgt Ion: 136 Resp: 196301

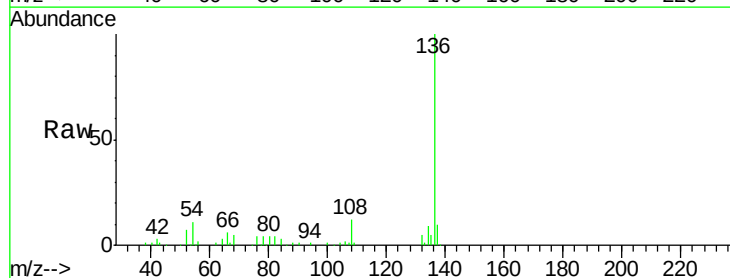
Ion Ratio Lower Upper

136 100

137 10.4 9.0 13.6

54 11.4 8.2 12.2

68 5.0 5.8 8.6#

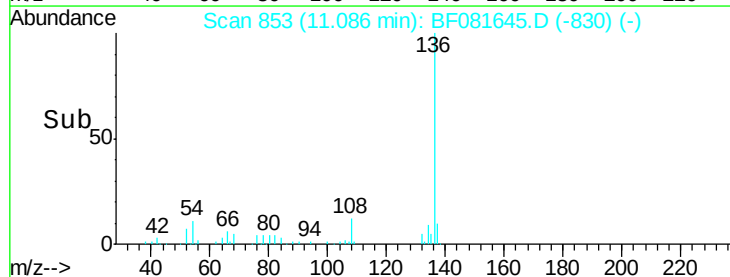
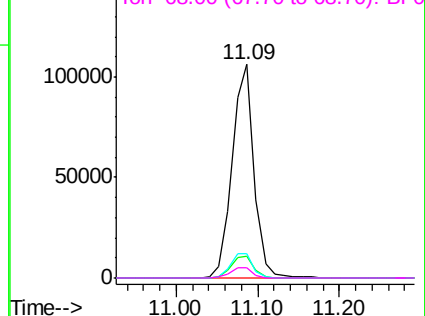


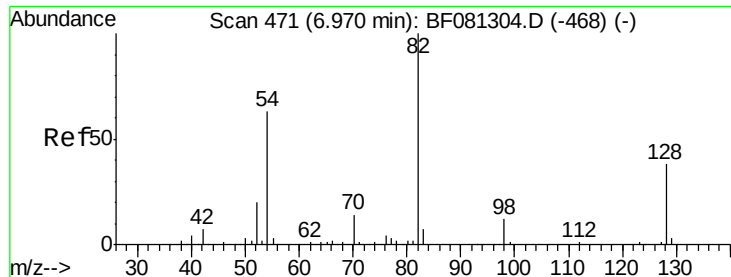
Abundance Ion 136.00 (135.70 to 136.70): E

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

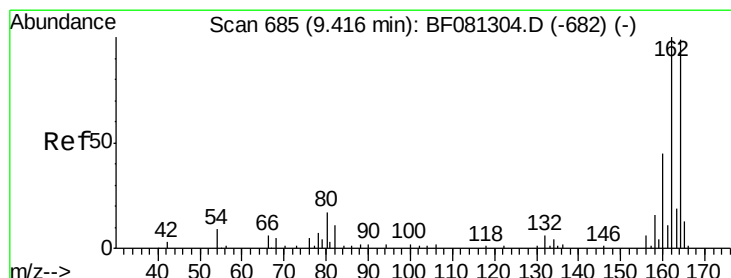
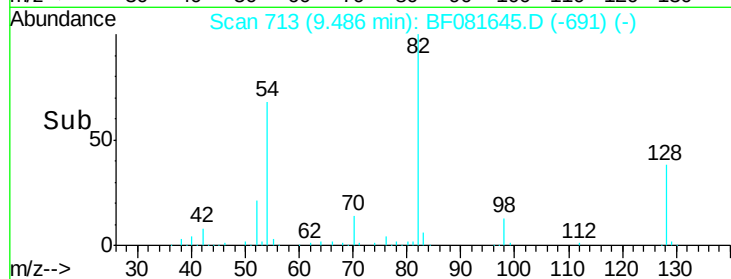
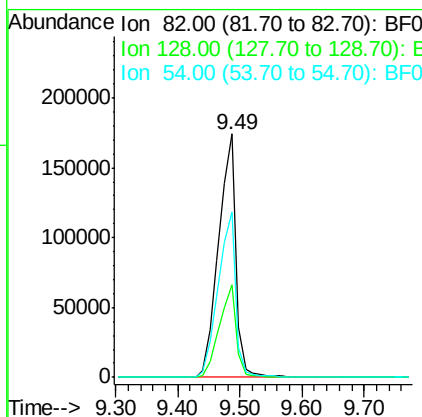
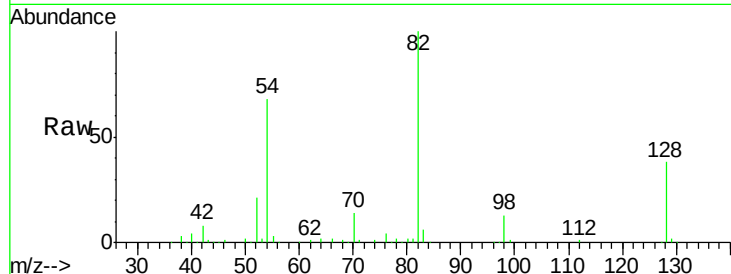




#23
 Nitrobenzene-d5
 Concen: 82.28 ng
 RT: 9.49 min Scan# 713
 Delta R.T. -0.05 min
 Lab File: BF081645.D
 Acq: 16 Sep 2015 12:30

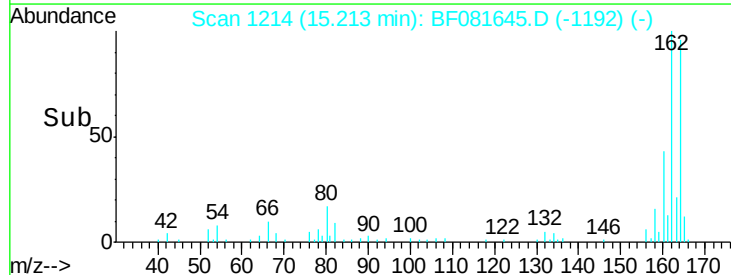
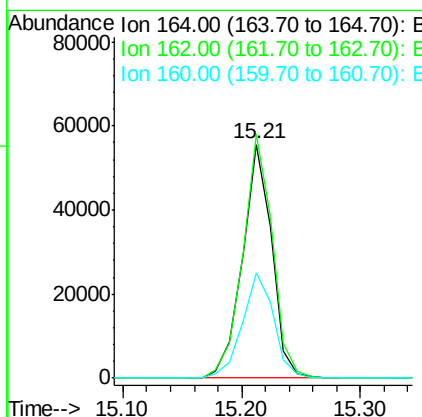
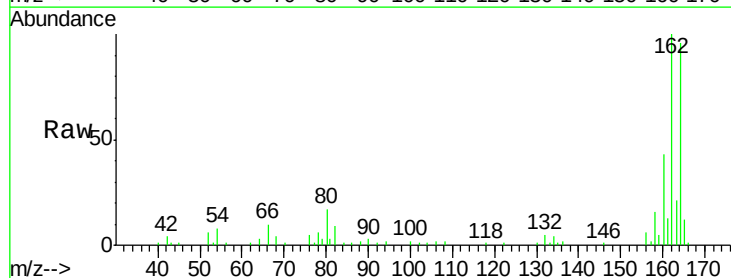
Instrument :
 BNA_F
 ClientSampleId :
 PB85485BL

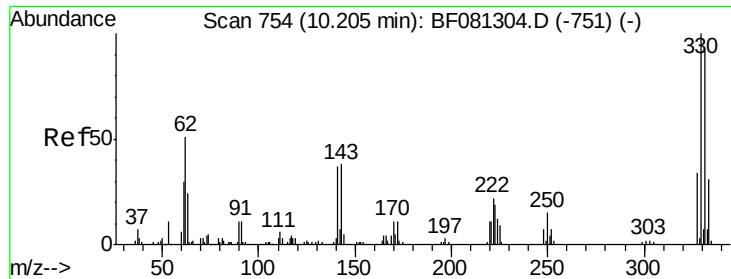
Tgt Ion: 82 Resp: 334781
 Ion Ratio Lower Upper
 82 100
 128 38.0 51.0 76.6#
 54 67.8 47.5 71.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1214
 Delta R.T. -0.05 min
 Lab File: BF081645.D
 Acq: 16 Sep 2015 12:30

Tgt Ion: 164 Resp: 95981
 Ion Ratio Lower Upper
 164 100
 162 104.2 75.2 112.8
 160 45.2 31.5 47.3

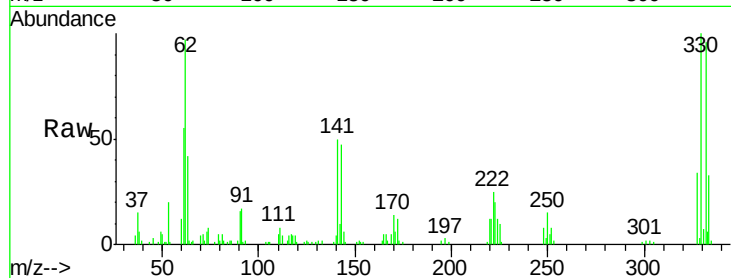




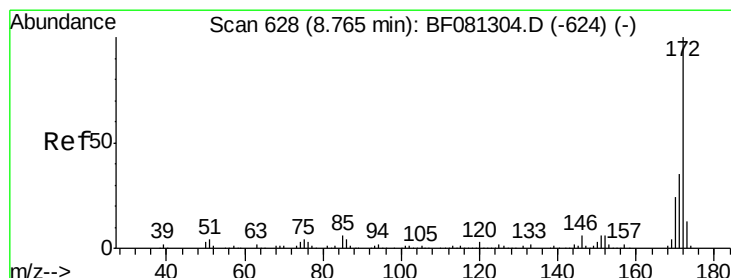
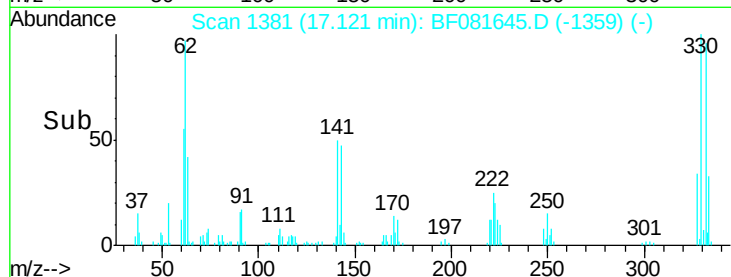
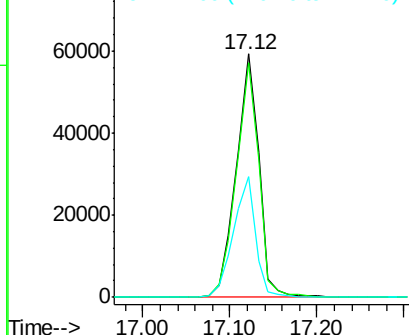
#41
 2,4,6-Tribromophenol
 Concen: 126.03 ng
 RT: 17.12 min Scan# 1381
 Delta R.T. -0.05 min
 Lab File: BF081645.D
 Acq: 16 Sep 2015 12:30

Instrument :
 BNA_F
 ClientSampleId :
 PB85485BL

Tgt Ion:330 Resp: 107705
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.6 114.8
 141 48.3 29.7 44.5#

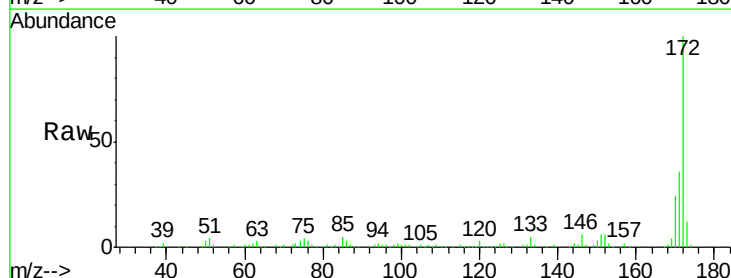


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

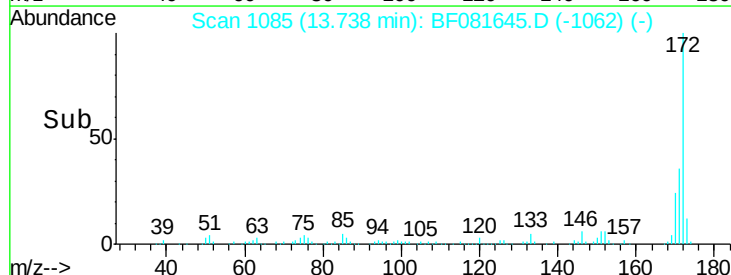
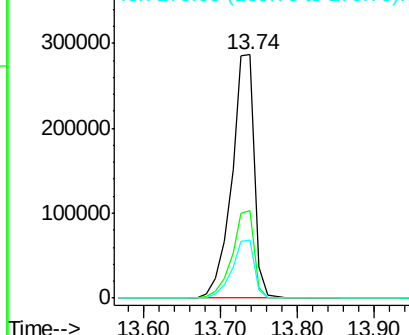


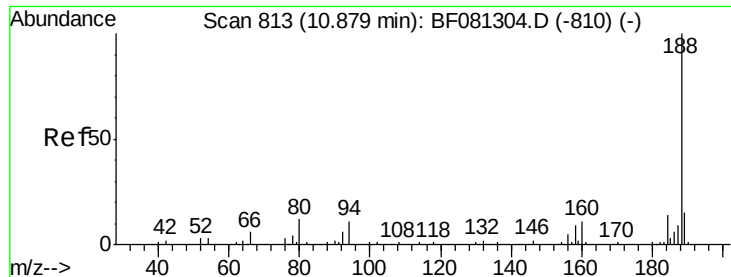
#44
 2-Fluorobiphenyl
 Concen: 78.99 ng
 RT: 13.74 min Scan# 1085
 Delta R.T. -0.03 min
 Lab File: BF081645.D
 Acq: 16 Sep 2015 12:30

Tgt Ion:172 Resp: 591658
 Ion Ratio Lower Upper
 172 100
 171 36.0 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

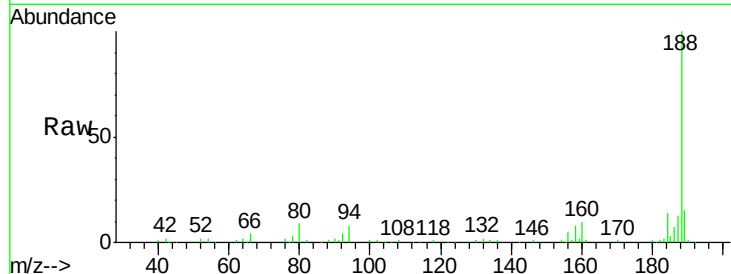




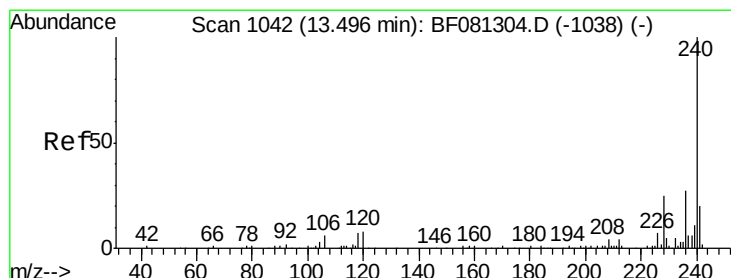
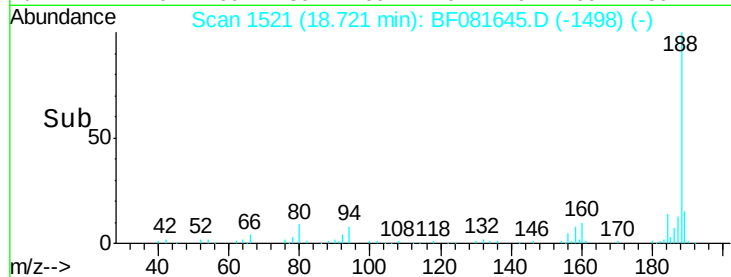
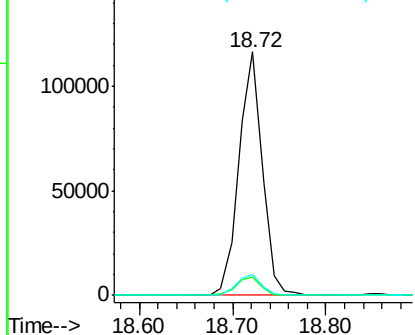
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.72 min Scan# 1521
Delta R.T. -0.03 min
Lab File: BF081645.D
Acq: 16 Sep 2015 12:30

Instrument :
BNA_F
ClientSampleId :
PB85485BL

Tgt Ion:188 Resp: 203180
Ion Ratio Lower Upper
188 100
94 7.7 11.1 16.7#
80 8.8 11.0 16.4#

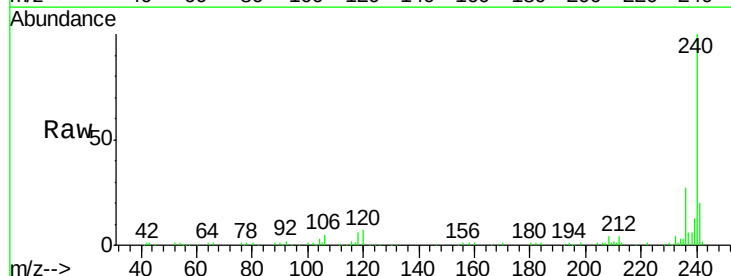


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

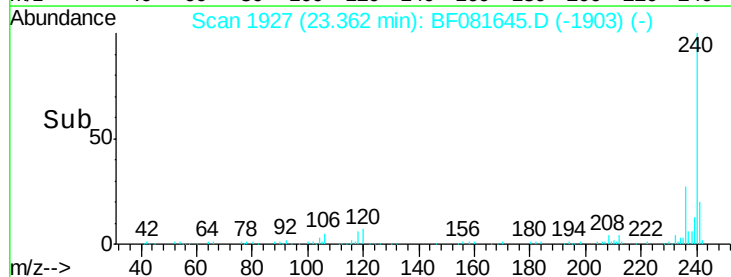
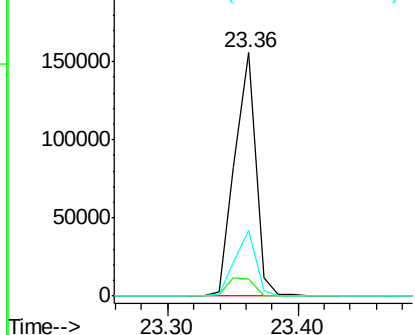


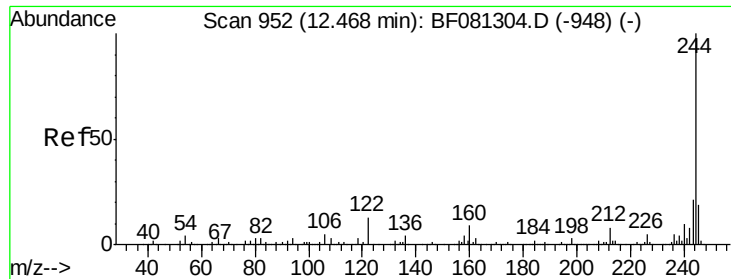
#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.36 min Scan# 1927
Delta R.T. -0.02 min
Lab File: BF081645.D
Acq: 16 Sep 2015 12:30

Tgt Ion:240 Resp: 174809
Ion Ratio Lower Upper
240 100
120 7.2 16.2 24.2#
236 26.7 18.4 27.6



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: 83.00 ng

RT: 22.09 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF081645.D

Acq: 16 Sep 2015 12:30

Instrument :

BNA_F

ClientSampleId :

PB85485BL

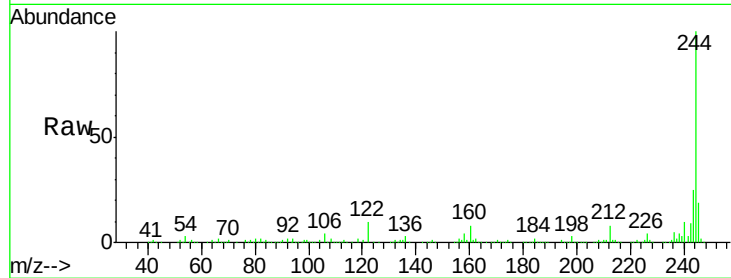
Tgt Ion:244 Resp: 623310

Ion Ratio Lower Upper

244 100

212 7.6 4.3 6.5#

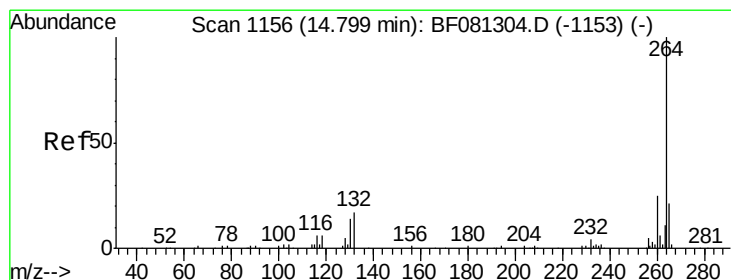
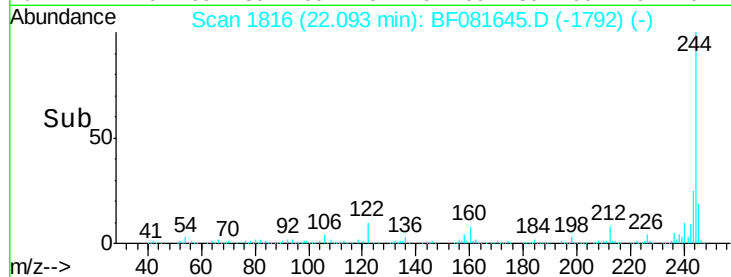
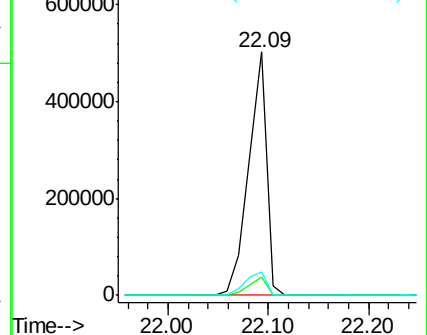
122 9.8 17.4 26.2#



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: BF081645.D

Acq: 16 Sep 2015 12:30

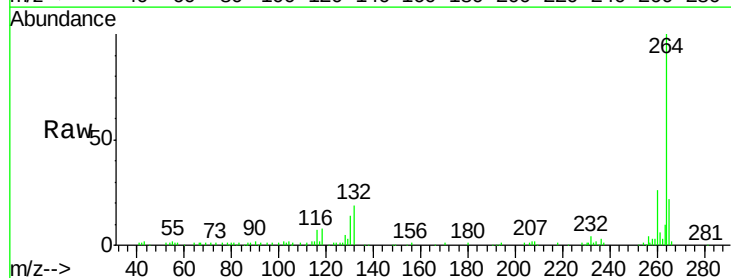
Tgt Ion:264 Resp: 114482

Ion Ratio Lower Upper

264 100

260 25.6 16.7 25.1#

265 21.8 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

