

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081915\
 Data File : BF081085.D
 Acq On : 19 Aug 2015 17:14
 Operator : UM/IZ
 Sample : PB85071BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85071BL

Quant Time: Aug 20 01:07:23 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	65099	20.00	ng	-0.04
21) Naphthalene-d8	7.88	136	261921	20.00	ng	-0.03
38) Acenaphthene-d10	9.61	164	114898	20.00	ng	-0.04
63) Phenanthrene-d10	11.09	188	248189	20.00	ng	-0.04
75) Chrysene-d12	13.71	240	233969	20.00	ng	-0.04
86) Perylene-d12	15.04	264	187127	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	54314	12.55	ng	-0.04
7) Phenol-d6	6.22	99	75403	13.35	ng	-0.04
23) Nitrobenzene-d5	7.14	82	42162	7.35	ng	-0.04
41) 2,4,6-Tribromophenol	10.40	330	12235	12.28	ng	-0.04
44) 2-Fluorobiphenyl	8.95	172	85393	9.74	ng	-0.04
78) Terphenyl-d14	12.66	244	80840	7.41	ng	-0.04

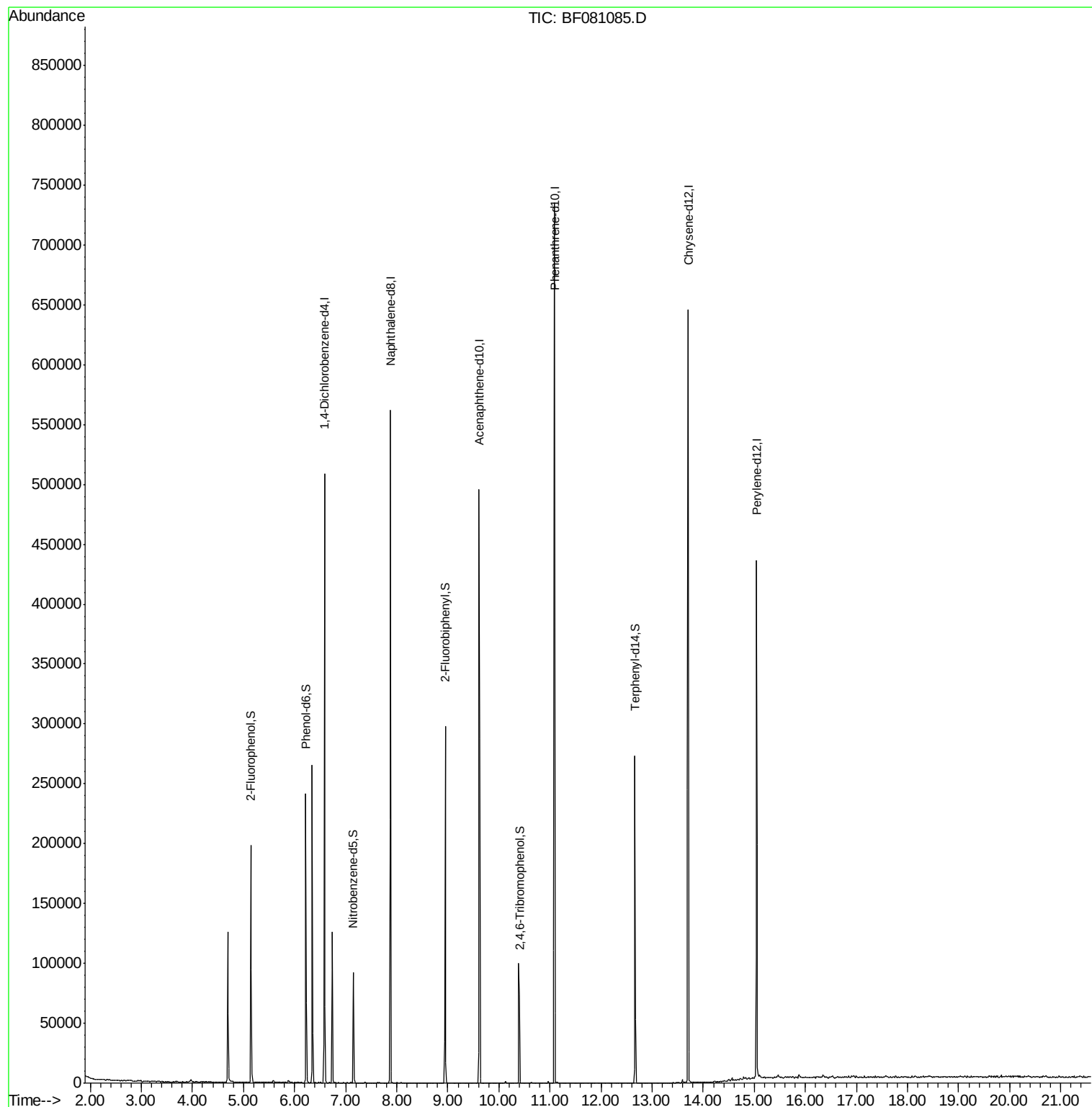
Target Compounds	Qvalue
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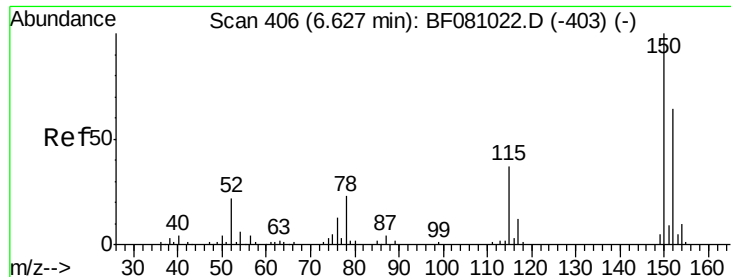
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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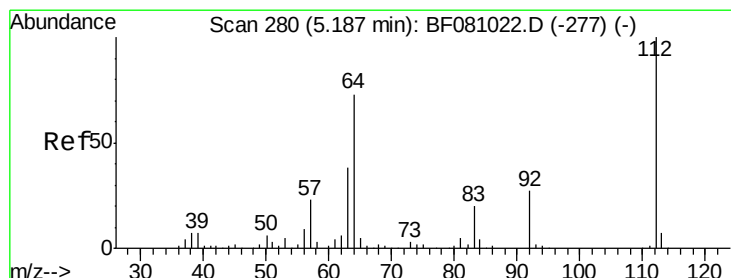
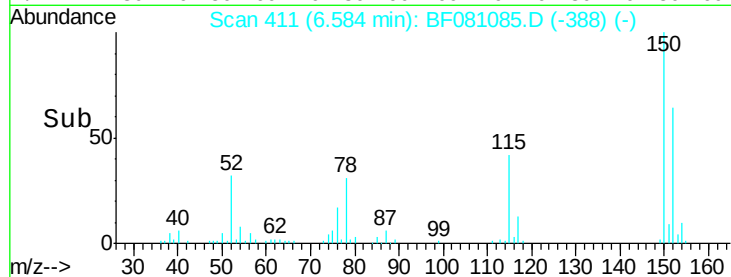
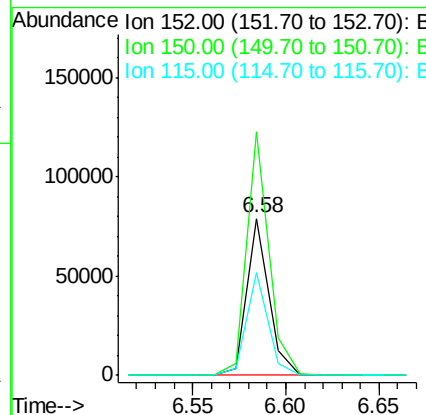
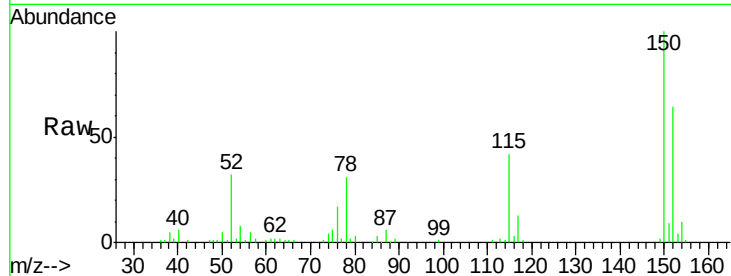


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 411
Delta R.T. -0.04 min
Lab File: BF081085.D
Acq: 19 Aug 2015 17:14

Instrument :
BNA_F
ClientSampleId :
PB85071BL

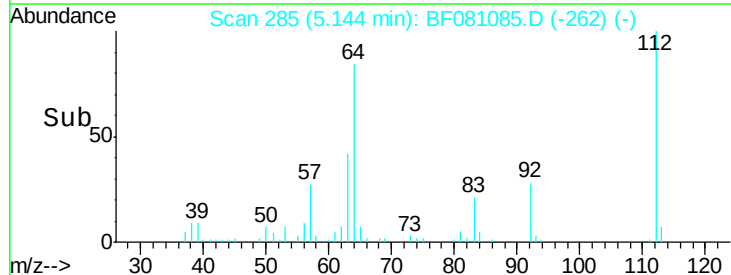
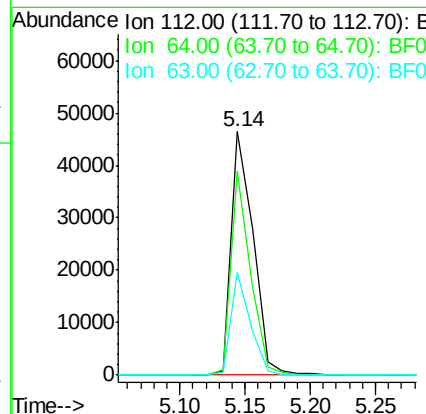
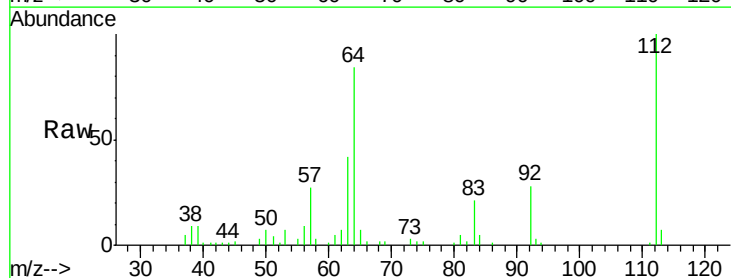
Tgt Ion:152 Resp: 65099
Ion Ratio Lower Upper
152 100
150 155.5 123.8 185.6
115 65.4 52.1 78.1

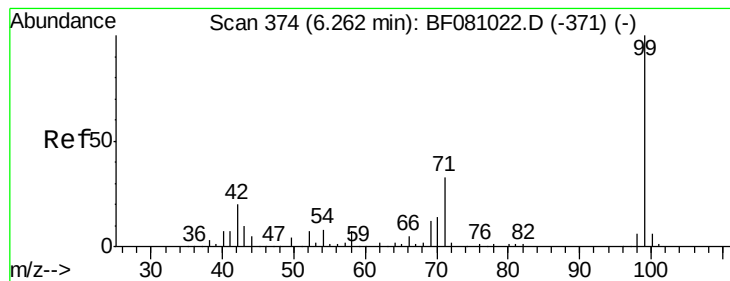


#5

2-Fluorophenol
Concen: 12.55 ng
RT: 5.14 min Scan# 285
Delta R.T. -0.04 min
Lab File: BF081085.D
Acq: 19 Aug 2015 17:14

Tgt Ion:112 Resp: 54314
Ion Ratio Lower Upper
112 100
64 83.7 66.9 100.3
63 42.3 38.1 57.1





#7

Phenol-d6

Concen: 13.35 ng

RT: 6.22 min Scan# 379

Delta R.T. -0.04 min

Lab File: BF081085.D

Acq: 19 Aug 2015 17:14

Instrument :

BNA_F

ClientSampled :

PB85071BL

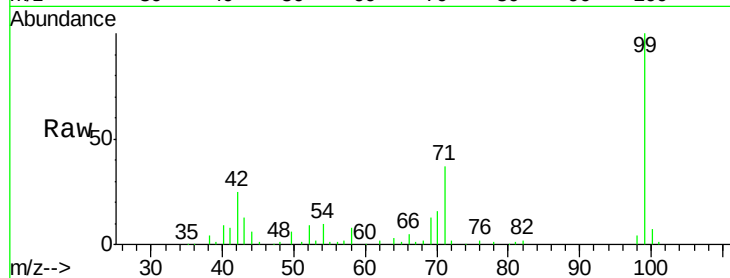
Tgt Ion: 99 Resp: 75403

Ion Ratio Lower Upper

99 100

42 24.7 19.6 29.4

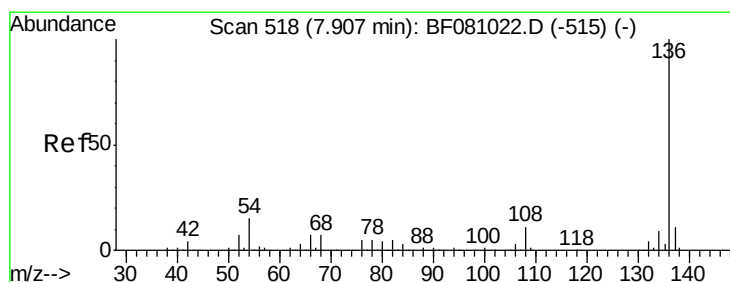
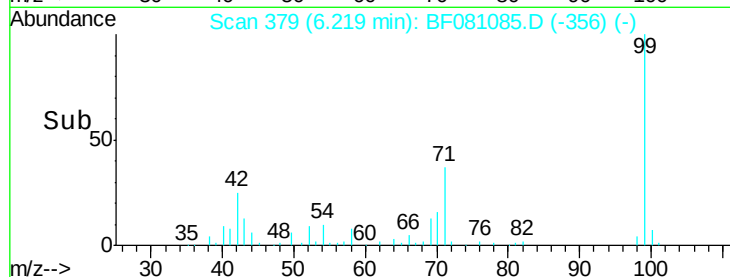
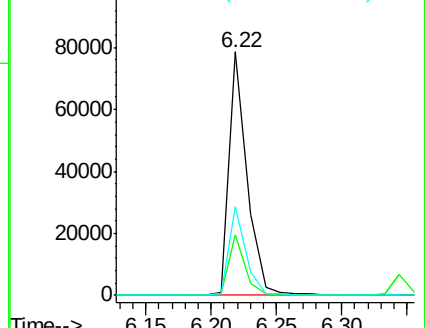
71 36.5 31.2 46.8



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: 7.88 min Scan# 524

Delta R.T. -0.03 min

Lab File: BF081085.D

Acq: 19 Aug 2015 17:14

Tgt Ion: 136 Resp: 261921

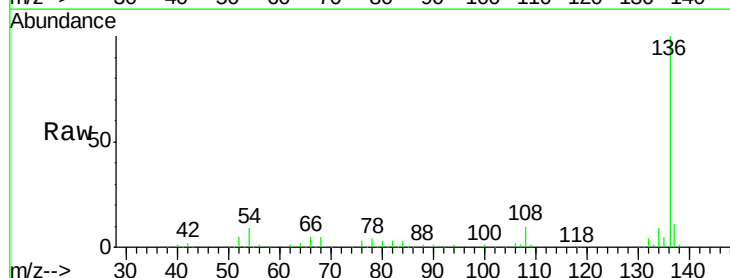
Ion Ratio Lower Upper

136 100

137 10.8 8.2 12.2

54 9.4 7.7 11.5

68 5.1 3.4 5.2

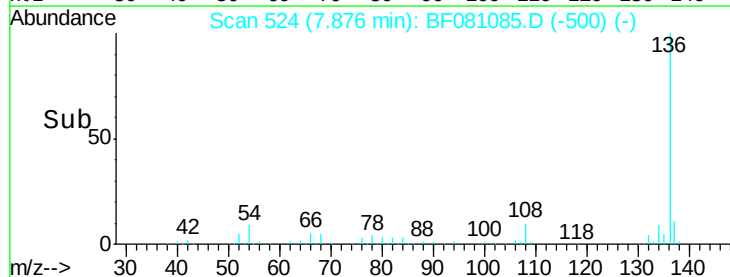
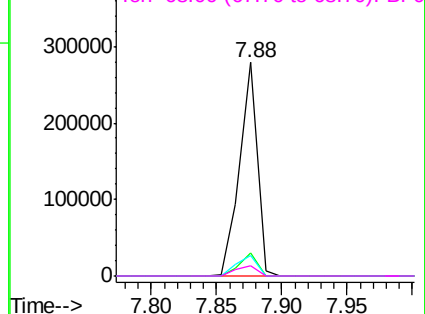


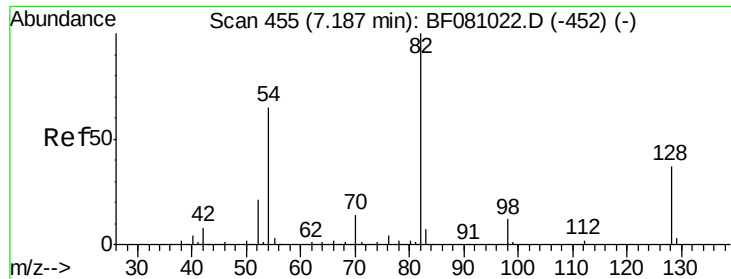
Abundance Ion 136.00 (135.70 to 136.70): E

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

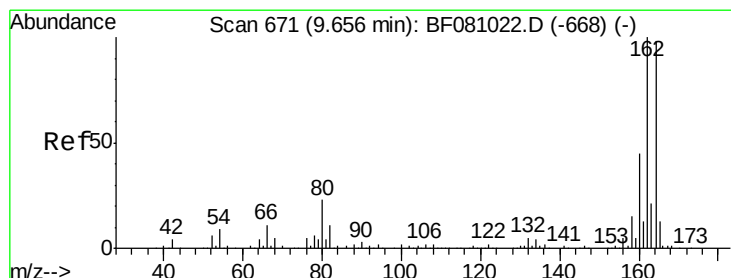
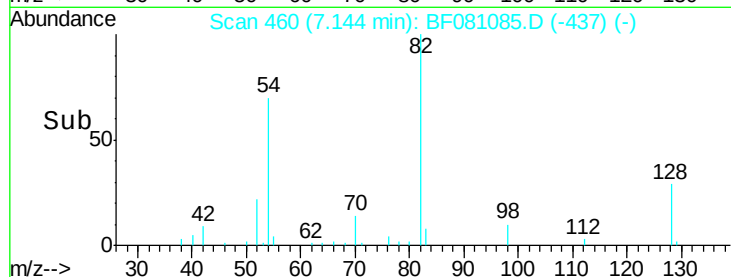
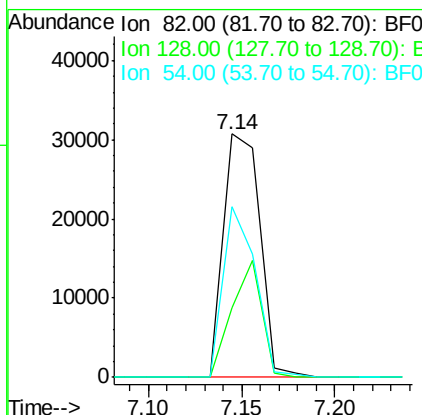
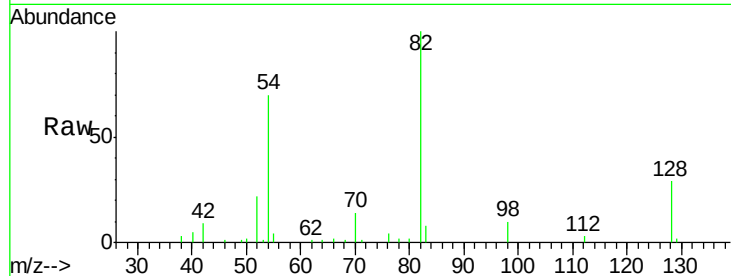




#23
 Nitrobenzene-d5
 Concen: 7.35 ng
 RT: 7.14 min Scan# 460
 Delta R.T. -0.04 min
 Lab File: BF081085.D
 Acq: 19 Aug 2015 17:14

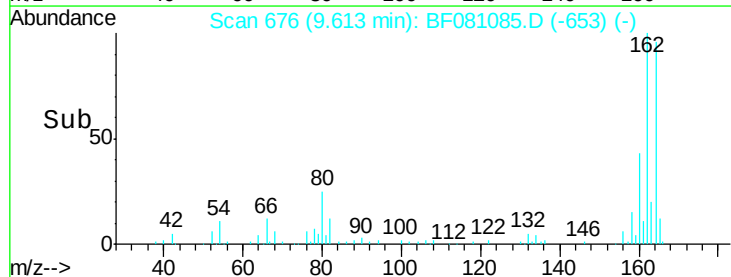
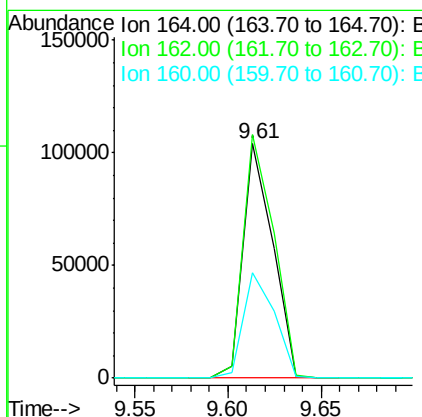
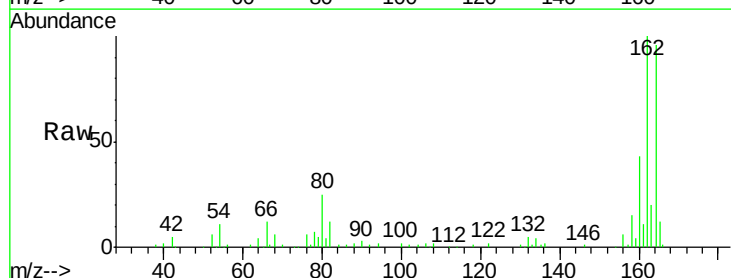
Instrument :
 BNA_F
 ClientSampleId :
 PB85071BL

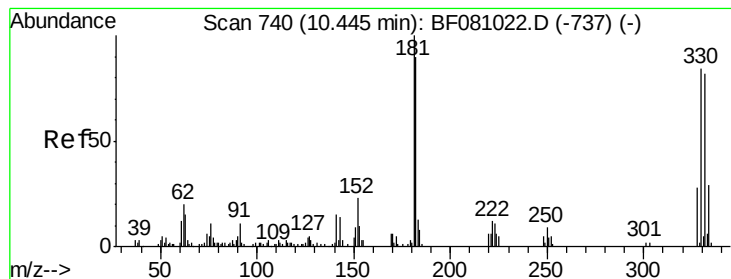
Tgt Ion: 82 Resp: 42162
 Ion Ratio Lower Upper
 82 100
 128 28.8 28.6 42.8
 54 70.1 55.1 82.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 676
 Delta R.T. -0.04 min
 Lab File: BF081085.D
 Acq: 19 Aug 2015 17:14

Tgt Ion: 164 Resp: 114898
 Ion Ratio Lower Upper
 164 100
 162 103.9 83.8 125.8
 160 45.0 39.8 59.8





#41

2,4,6-Tribromophenol

Concen: 12.28 ng

RT: 10.40 min Scan# 745

Delta R.T. -0.04 min

Lab File: BF081085.D

Acq: 19 Aug 2015 17:14

Instrument :

BNA_F

ClientSampleId :

PB85071BL

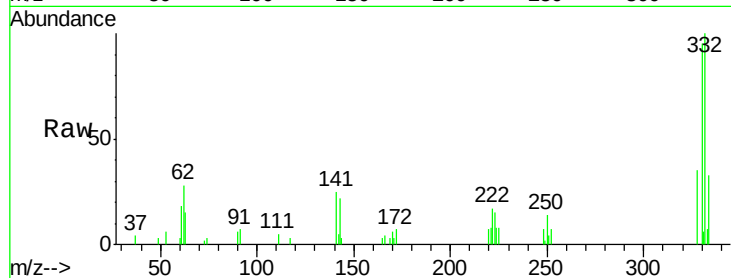
Tgt Ion:330 Resp: 12235

Ion Ratio Lower Upper

330 100

332 100.5 77.3 115.9

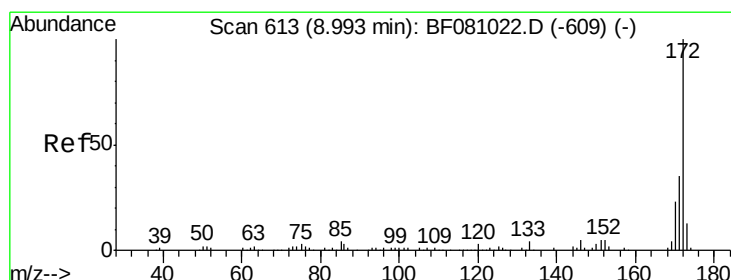
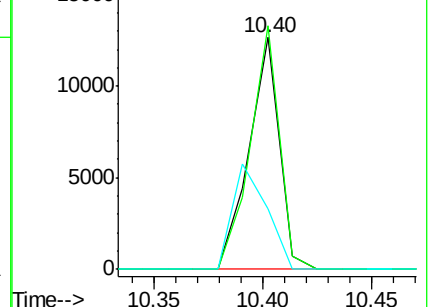
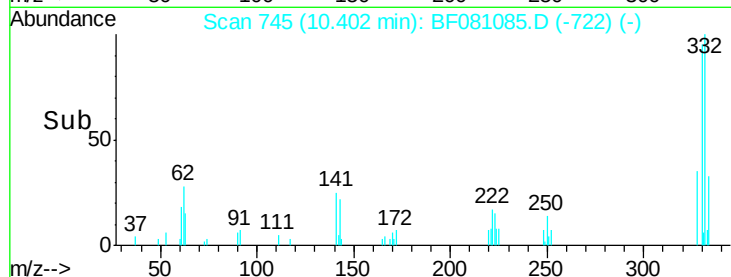
141 50.8 44.9 67.3



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: 9.74 ng

RT: 8.95 min Scan# 618

Delta R.T. -0.04 min

Lab File: BF081085.D

Acq: 19 Aug 2015 17:14

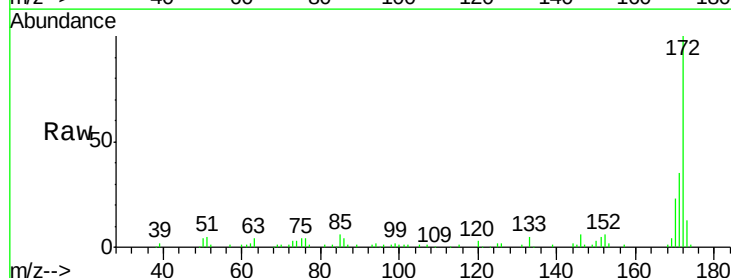
Tgt Ion:172 Resp: 85393

Ion Ratio Lower Upper

172 100

171 35.2 28.9 43.3

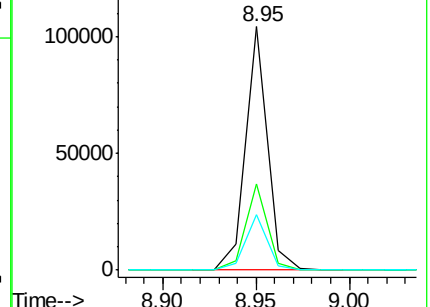
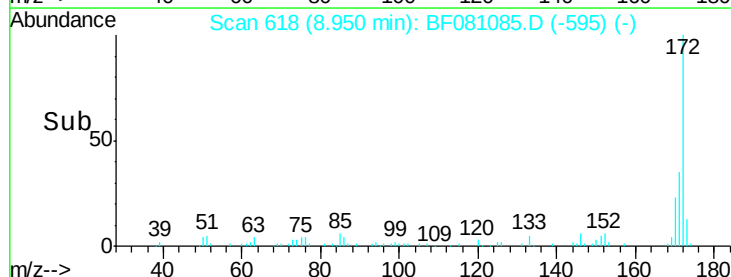
170 23.0 19.4 29.2

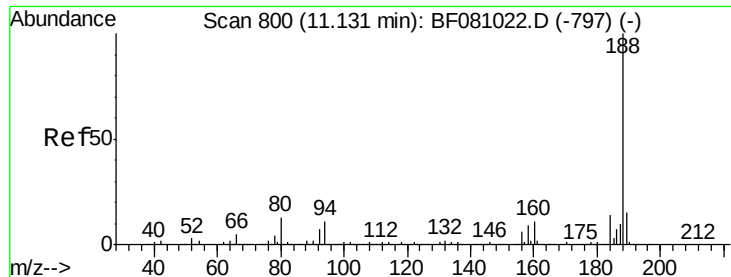


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

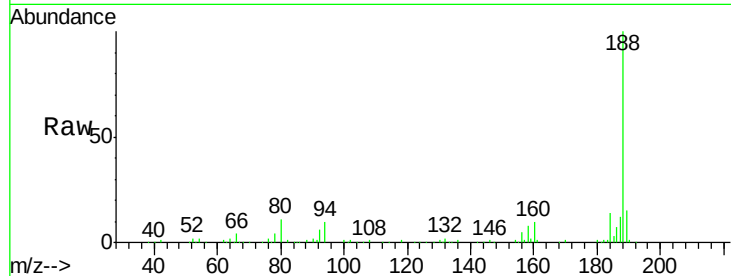




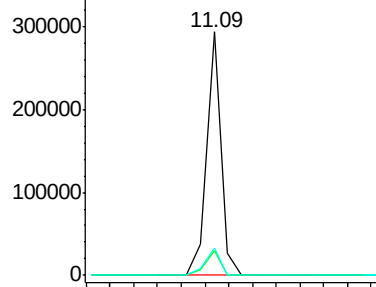
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.09 min Scan# 805
Delta R.T. -0.04 min
Lab File: BF081085.D
Acq: 19 Aug 2015 17:14

Instrument :
BNA_F
ClientSampleId :
PB85071BL

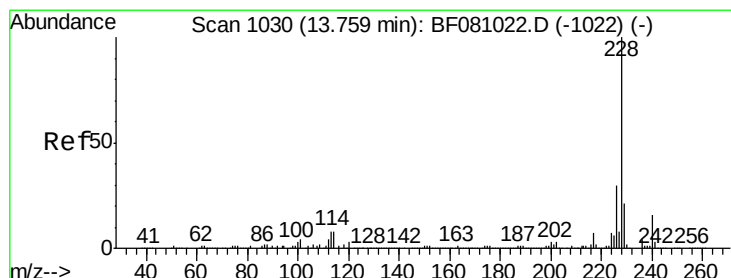
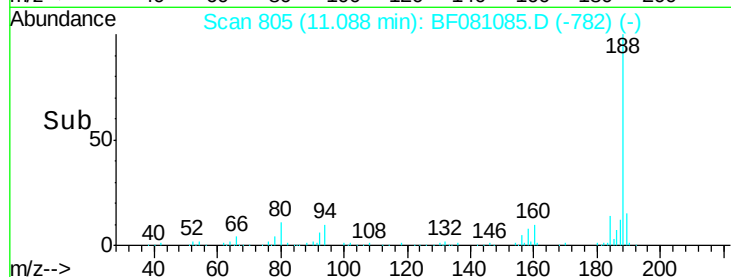
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.2	12.2
80	11.3	9.5	14.3



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

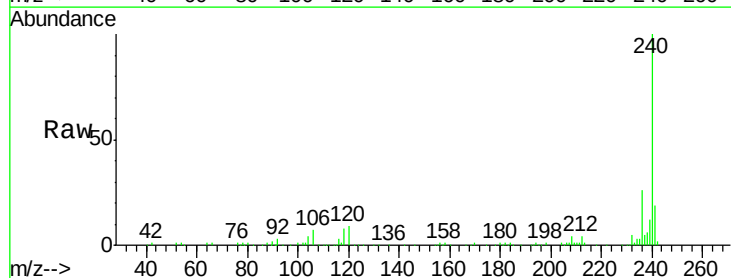


Time--> 11.00 11.10 11.20

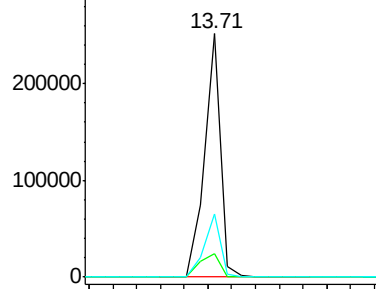


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1034
Delta R.T. -0.04 min
Lab File: BF081085.D
Acq: 19 Aug 2015 17:14

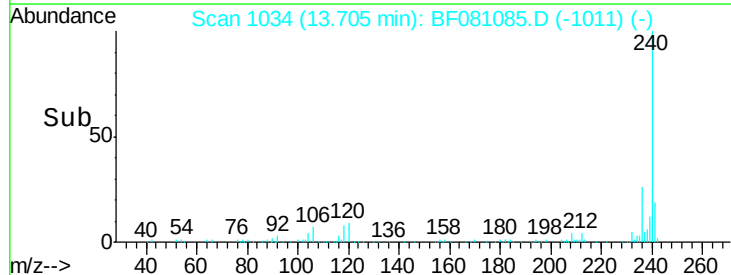
Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.4	5.6	8.4#
236	26.0	20.6	30.8

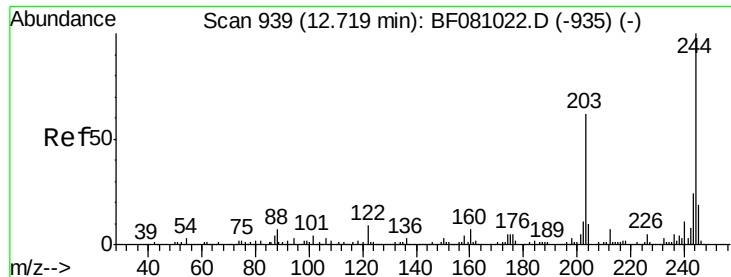


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time--> 13.60 13.70 13.80

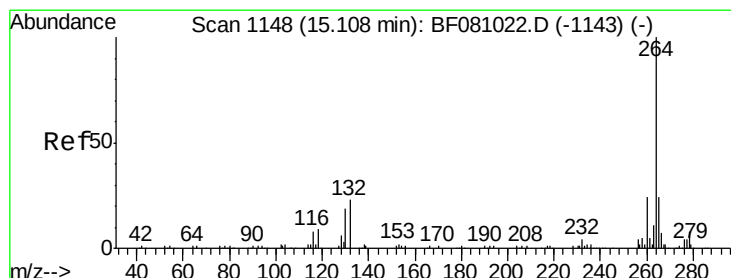
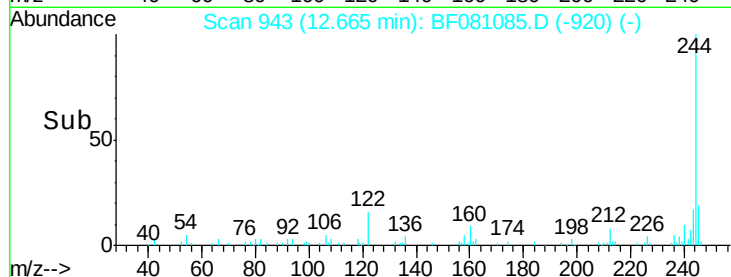
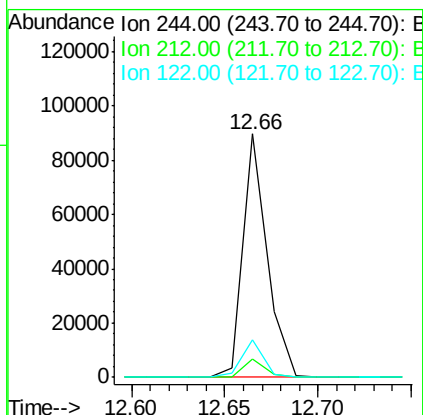
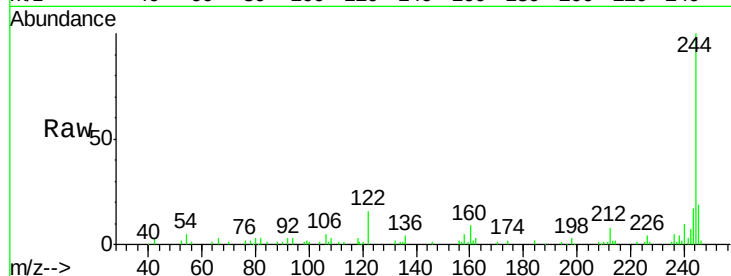




#78
 Terphenyl-d14
 Concen: 7.41 ng
 RT: 12.66 min Scan# 943
 Delta R.T. -0.04 min
 Lab File: BF081085.D
 Acq: 19 Aug 2015 17:14

Instrument :
 BNA_F
 ClientSampleId :
 PB85071BL

Tgt Ion: 244 Resp: 80840
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.8 8.8
 122 15.5 8.2 12.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.04 min Scan# 1151
 Delta R.T. -0.05 min
 Lab File: BF081085.D
 Acq: 19 Aug 2015 17:14

Tgt Ion: 264 Resp: 187127
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.6 29.4
 265 21.5 17.5 26.3

