

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071315\
Data File : BF080435.D
Acq On : 13 Jul 2015 19:34
Operator : TP/UM
Sample : G2945-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FB

Quant Time: Jul 14 05:46:22 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 14 00:52:37 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.14	152	21362	20.00	ng	0.00
21) Naphthalene-d8	8.42	136	88236	20.00	ng	0.00
38) Acenaphthene-d10	10.18	164	46664	20.00	ng	0.00
63) Phenanthrene-d10	11.67	188	82253	20.00	ng	-0.02
75) Chrysene-d12	14.48	240	93127	20.00	ng	-0.24
86) Perylene-d12	16.20	264	91816	20.00	ng	-0.39
System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	69473	55.73	ng	0.00
7) Phenol-d6	6.78	99	50246	30.25	ng	0.01
23) Nitrobenzene-d5	7.70	82	130951	84.64	ng	0.00
41) 2,4,6-Tribromophenol	10.97	330	44679	98.10	ng	-0.01
44) 2-Fluorobiphenyl	9.49	172	286789	82.78	ng	0.00
78) Terphenyl-d14	13.29	244	325057	75.81	ng	-0.11

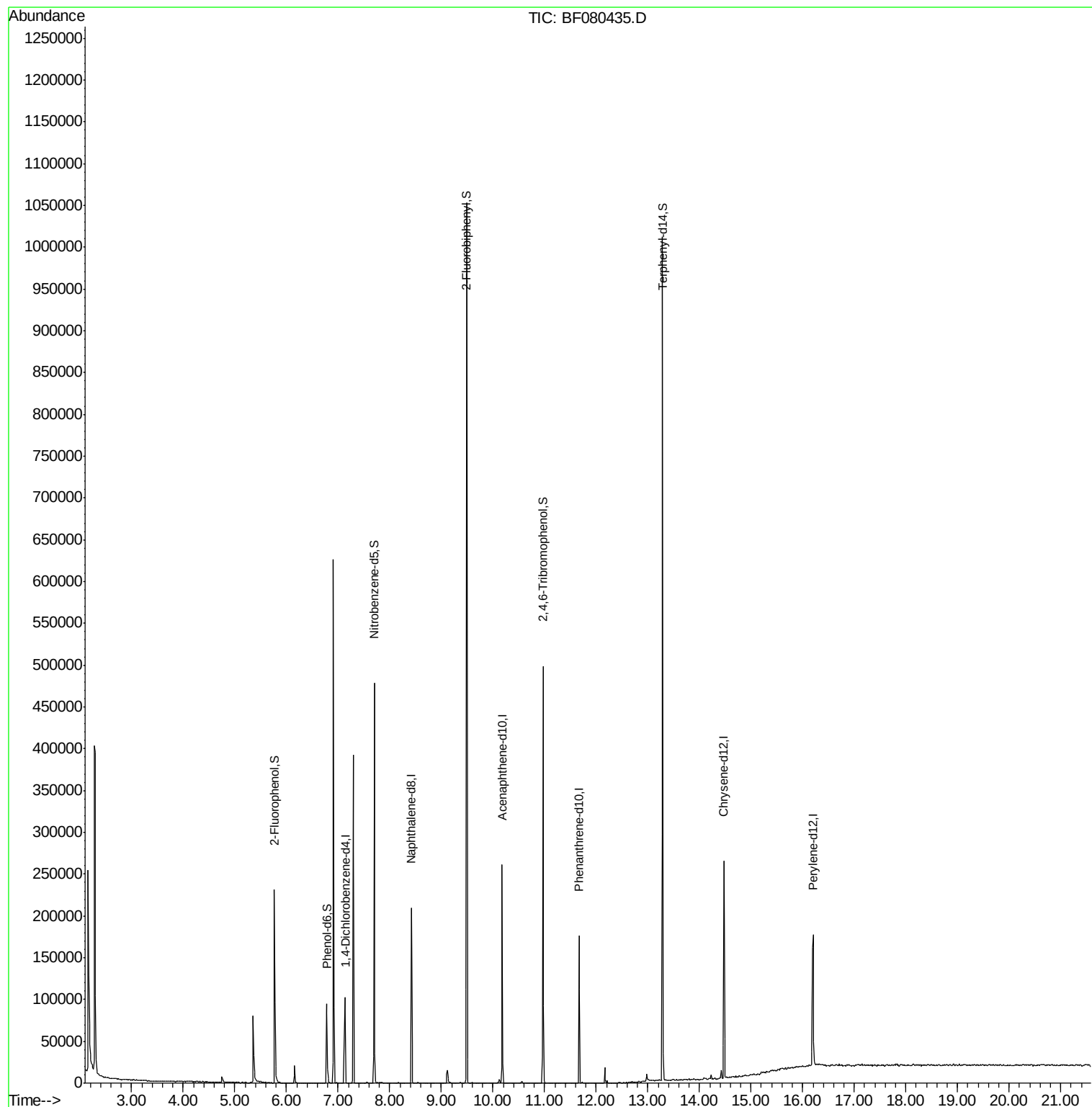
Target Compounds	Qvalue
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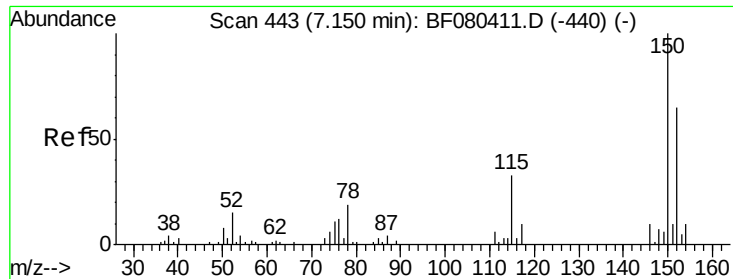
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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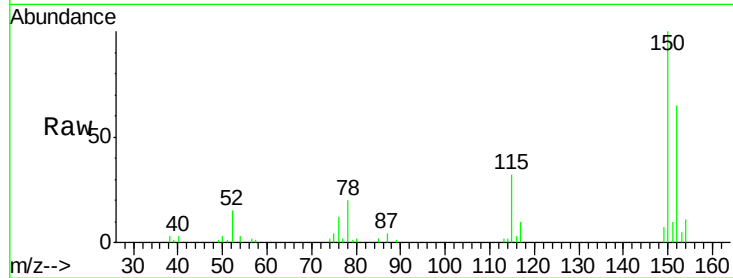


#1

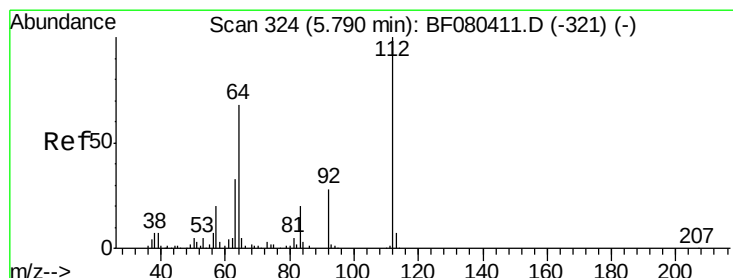
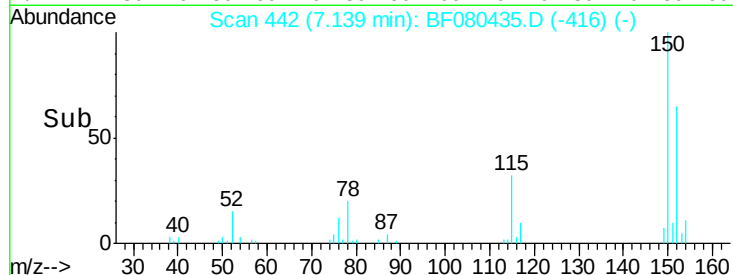
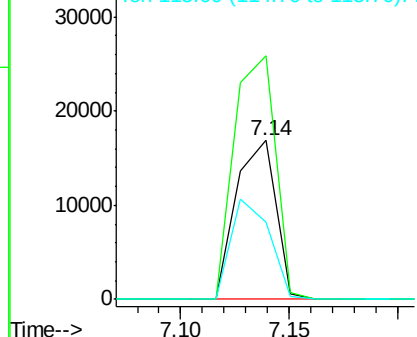
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.14 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF080435.D
Acq: 13 Jul 2015 19:34

Instrument :
BNA_F
ClientSampleId :
FB

Tgt Ion:152 Resp: 21362
Ion Ratio Lower Upper
152 100
150 153.4 122.3 183.5
115 48.4 41.0 61.4



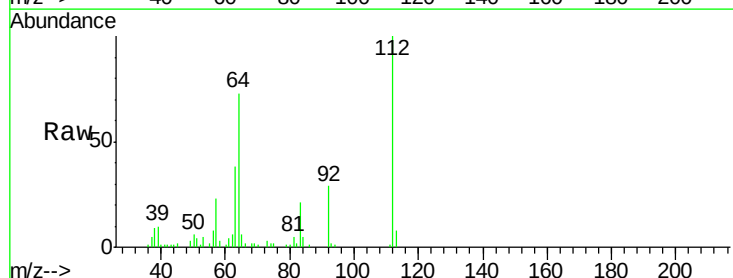
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



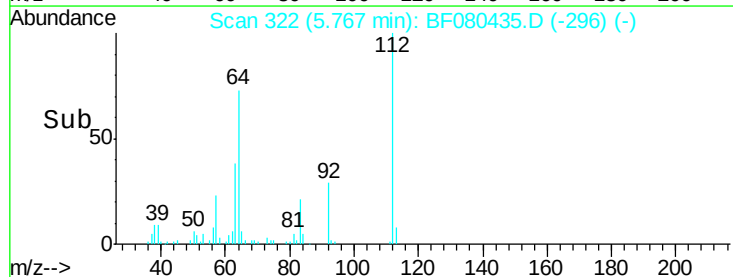
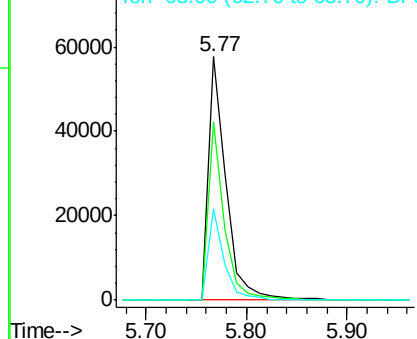
#5

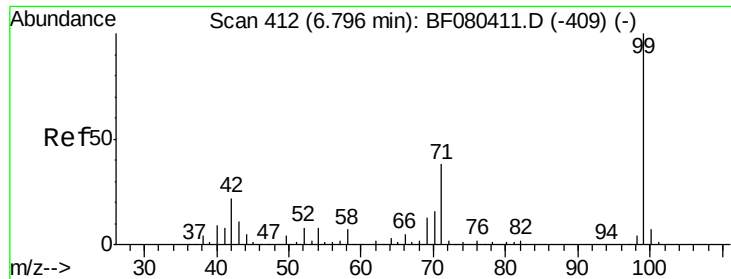
2-Fluorophenol
Concen: 55.73 ng
RT: 5.77 min Scan# 322
Delta R.T. 0.00 min
Lab File: BF080435.D
Acq: 13 Jul 2015 19:34

Tgt Ion:112 Resp: 69473
Ion Ratio Lower Upper
112 100
64 73.0 54.3 81.5
63 37.5 26.7 40.1



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: 30.25 ng

RT: 6.78 min Scan# 411

Delta R.T. 0.01 min

Lab File: BF080435.D

Acq: 13 Jul 2015 19:34

Instrument :

BNA_F

ClientSampleId :

FB

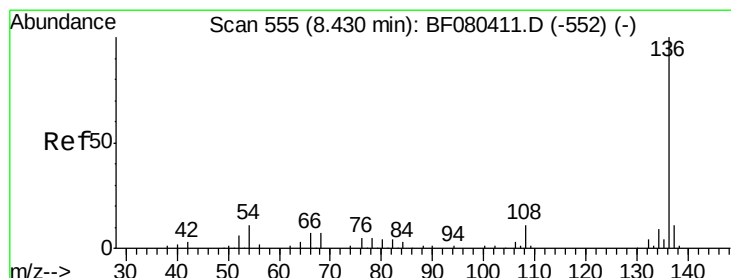
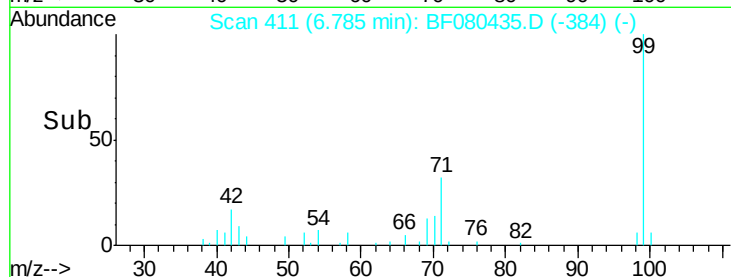
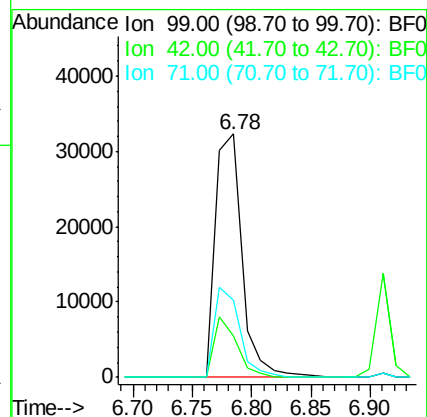
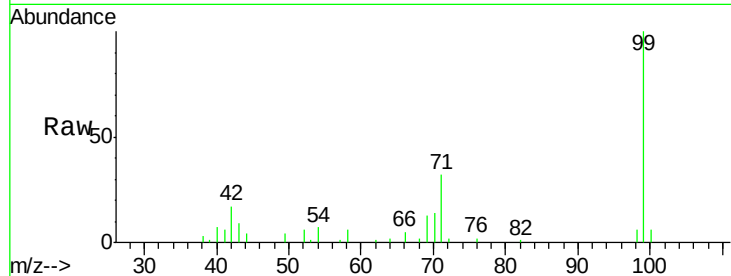
Tgt Ion: 99 Resp: 50246

Ion Ratio Lower Upper

99 100

42 16.9 17.9 26.9#

71 31.6 30.1 45.1



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.42 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF080435.D

Acq: 13 Jul 2015 19:34

Tgt Ion: 136 Resp: 88236

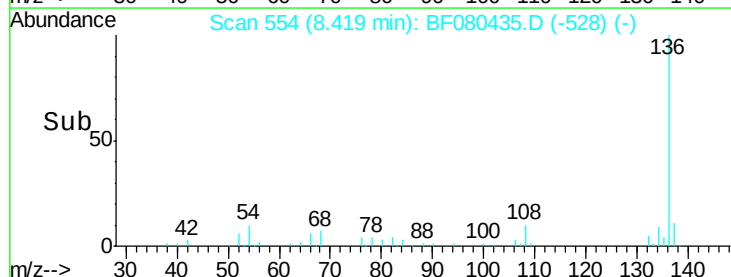
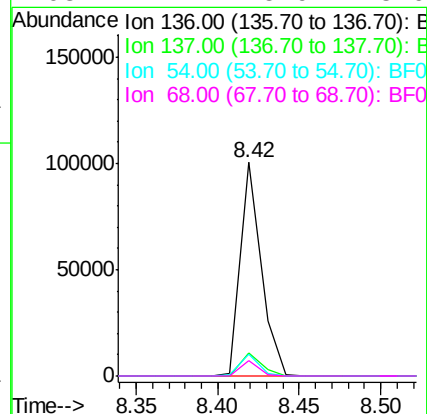
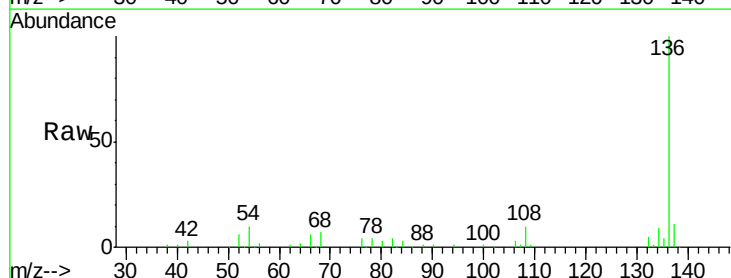
Ion Ratio Lower Upper

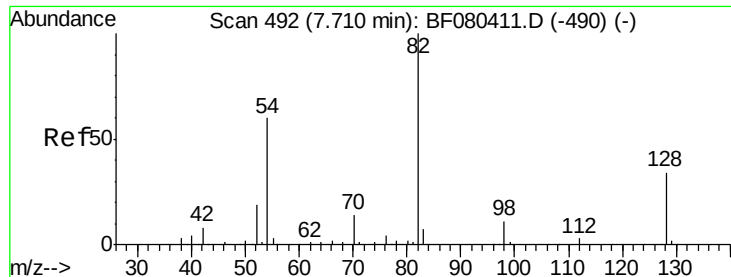
136 100

137 10.8 9.0 13.4

54 10.5 9.1 13.7

68 7.2 5.9 8.9

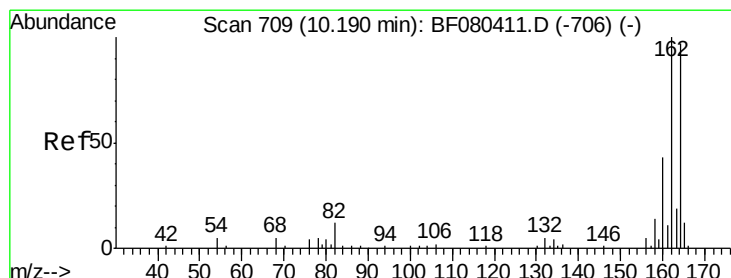
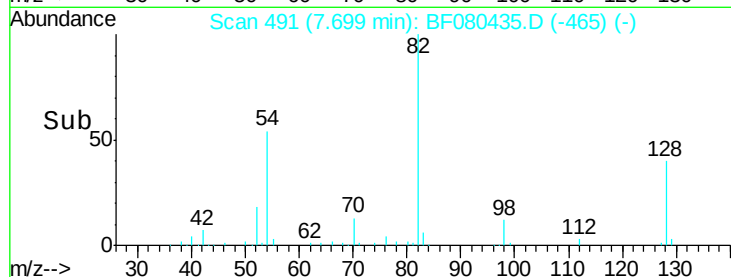
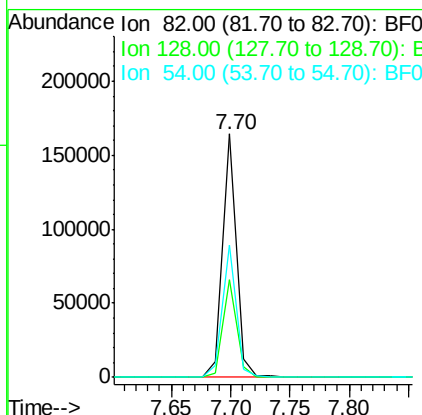
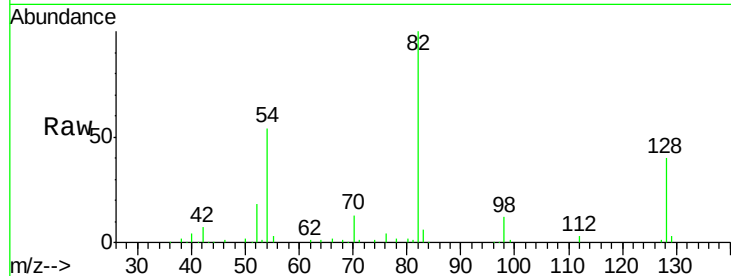




#23
 Nitrobenzene-d5
 Concen: 84.64 ng
 RT: 7.70 min Scan# 491
 Delta R.T. 0.00 min
 Lab File: BF080435.D
 Acq: 13 Jul 2015 19:34

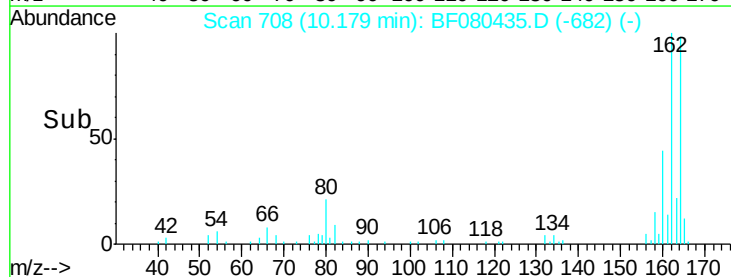
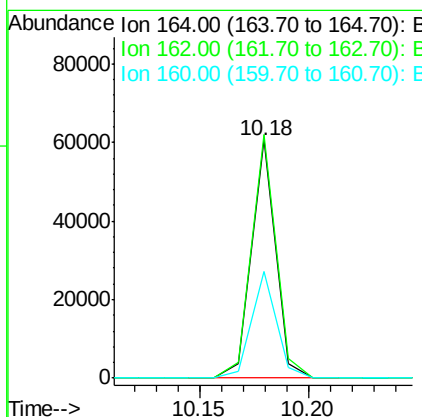
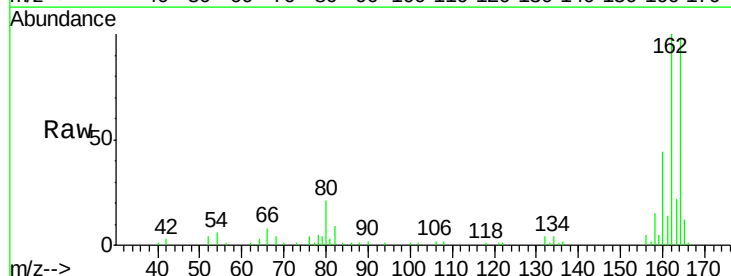
Instrument :
 BNA_F
 ClientSampleId :
 FB

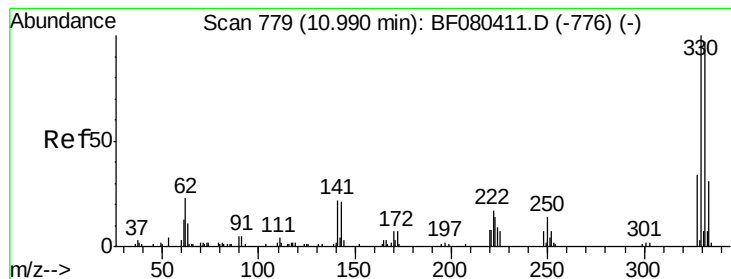
Tgt Ion: 82 Resp: 130951
 Ion Ratio Lower Upper
 82 100
 128 40.3 26.9 40.3#
 54 54.2 47.7 71.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.18 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: BF080435.D
 Acq: 13 Jul 2015 19:34

Tgt Ion: 164 Resp: 46664
 Ion Ratio Lower Upper
 164 100
 162 102.1 82.7 124.1
 160 44.5 35.5 53.3

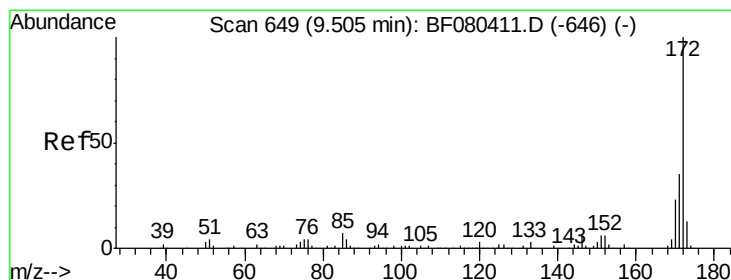
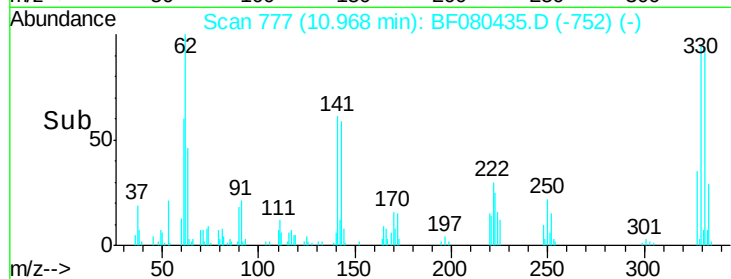
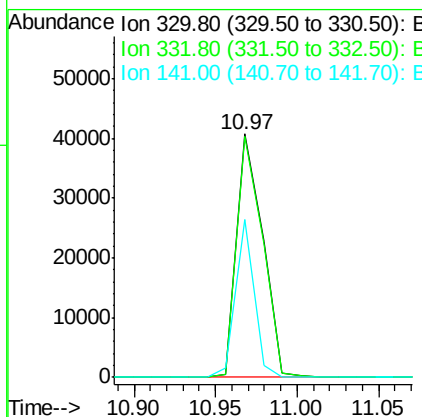
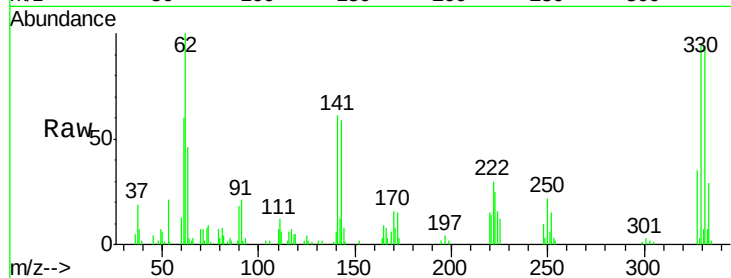




#41
 2,4,6-Tribromophenol
 Concen: 98.10 ng
 RT: 10.97 min Scan# 777
 Delta R.T. -0.01 min
 Lab File: BF080435.D
 Acq: 13 Jul 2015 19:34

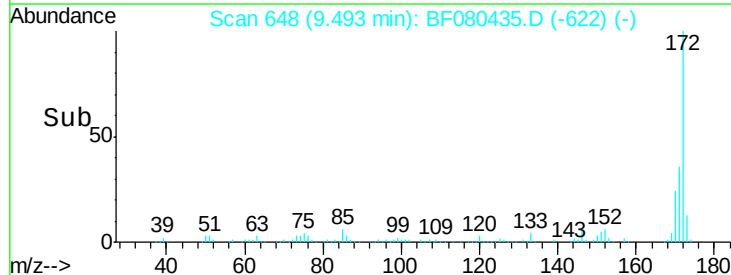
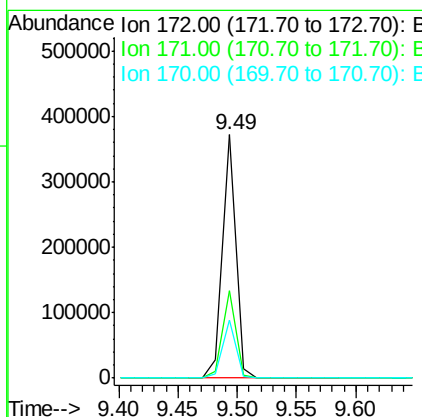
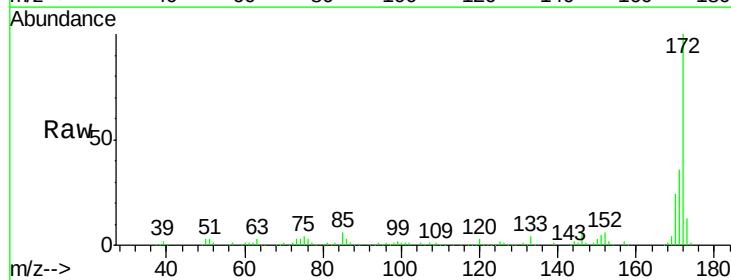
Instrument :
 BNA_F
 ClientSampleId :
 FB

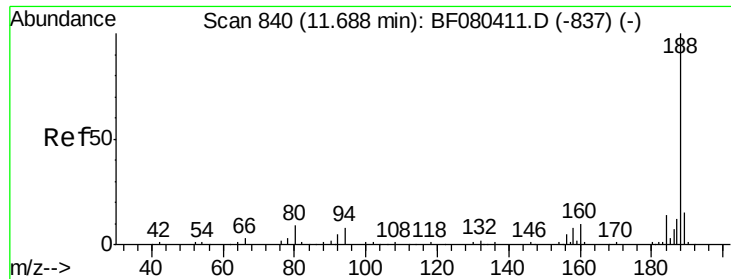
Tgt Ion: 330 Resp: 44679
 Ion Ratio Lower Upper
 330 100
 332 98.7 78.0 117.0
 141 46.2 28.6 43.0#



#44
 2-Fluorobiphenyl
 Concen: 82.78 ng
 RT: 9.49 min Scan# 648
 Delta R.T. 0.00 min
 Lab File: BF080435.D
 Acq: 13 Jul 2015 19:34

Tgt Ion: 172 Resp: 286789
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.4 42.6
 170 23.6 18.6 28.0

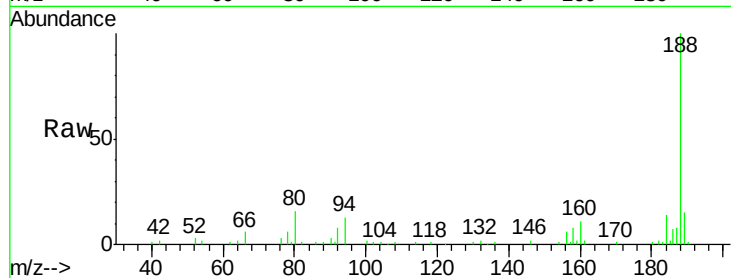




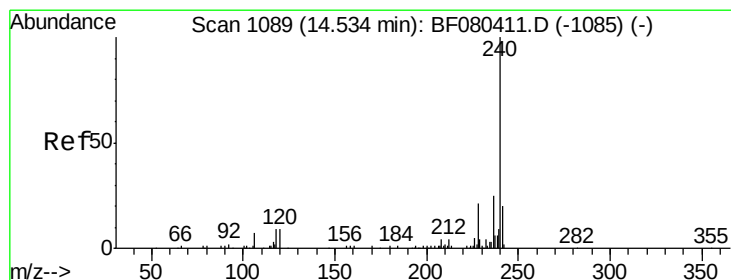
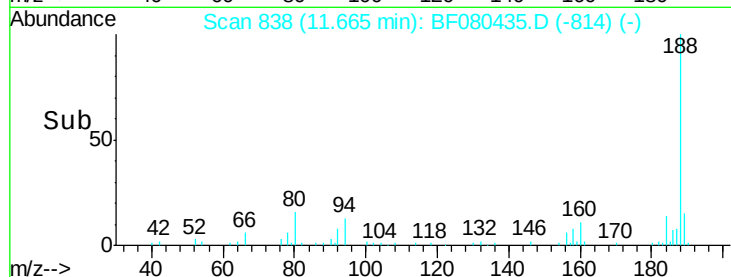
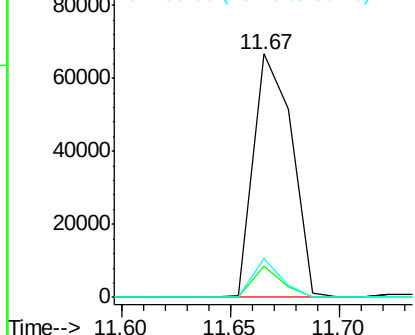
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.67 min Scan# 838
Delta R.T. -0.02 min
Lab File: BF080435.D
Acq: 13 Jul 2015 19:34

Instrument :
BNA_F
ClientSampleId :
FB

Tgt Ion:188 Resp: 82253
Ion Ratio Lower Upper
188 100
94 12.9 6.7 10.1#
80 16.0 7.5 11.3#

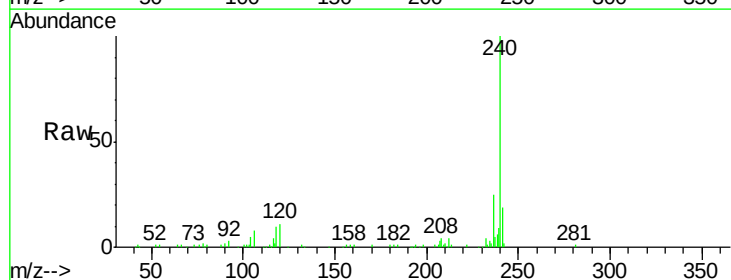


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

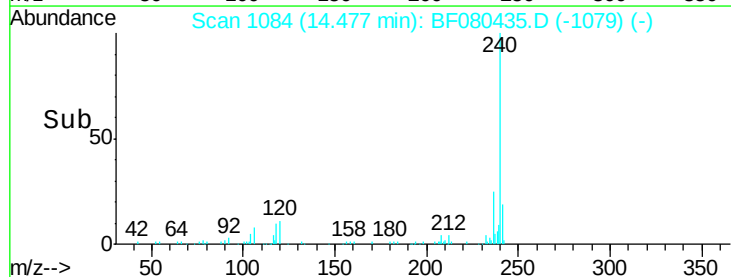
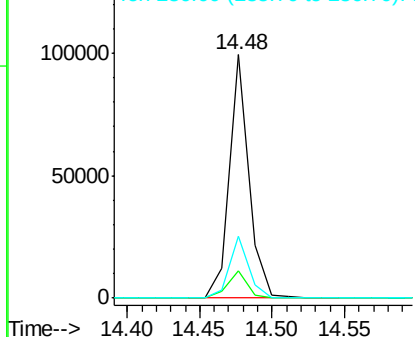


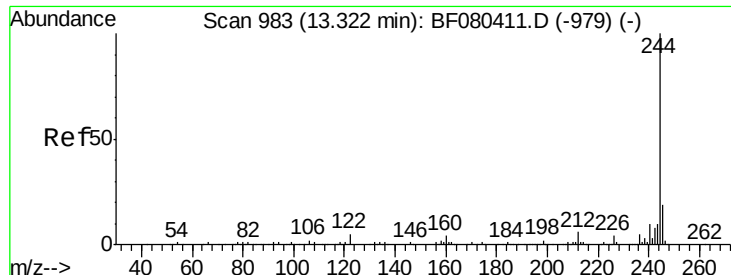
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.48 min Scan# 1084
Delta R.T. -0.24 min
Lab File: BF080435.D
Acq: 13 Jul 2015 19:34

Tgt Ion:240 Resp: 93127
Ion Ratio Lower Upper
240 100
120 11.2 7.4 11.2#
236 25.3 19.7 29.5



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: 75.81 ng

RT: 13.29 min Scan# 980

Delta R.T. -0.11 min

Lab File: BF080435.D

Acq: 13 Jul 2015 19:34

Instrument :

BNA_F

ClientSampleId :

FB

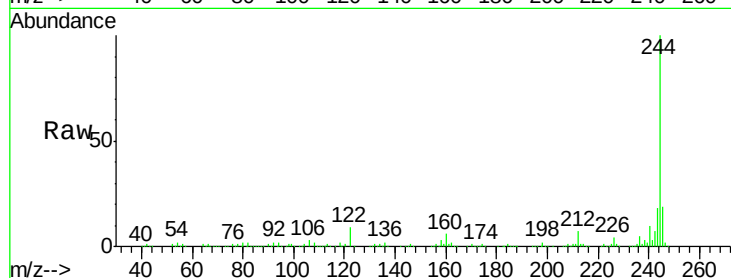
Tgt Ion:244 Resp: 325057

Ion Ratio Lower Upper

244 100

212 6.7 4.9 7.3

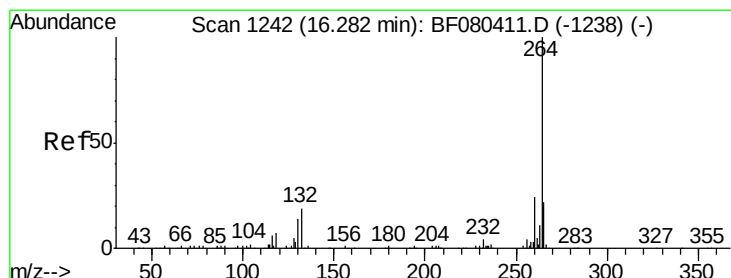
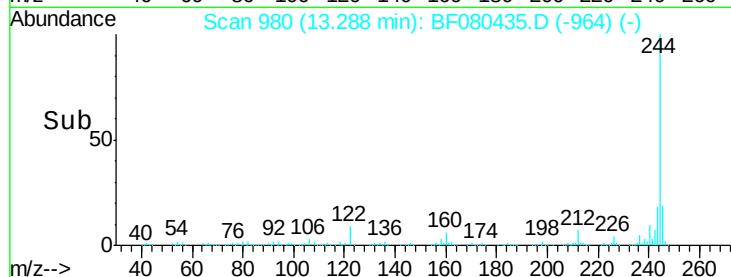
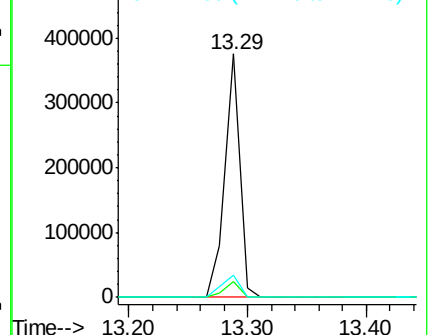
122 8.9 4.1 6.1#



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: 16.20 min Scan# 1235

Delta R.T. -0.39 min

Lab File: BF080435.D

Acq: 13 Jul 2015 19:34

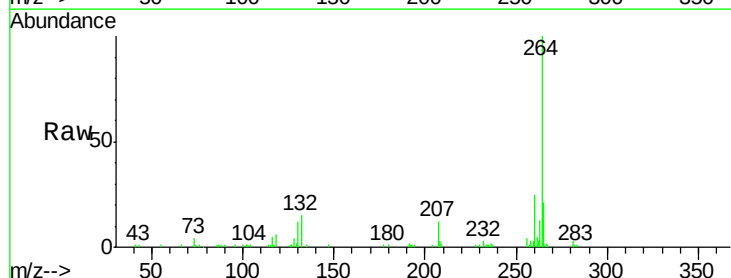
Tgt Ion:264 Resp: 91816

Ion Ratio Lower Upper

264 100

260 25.2 19.4 29.2

265 20.7 17.8 26.8



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

