

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082415\
 Data File : BF081164.D
 Acq On : 24 Aug 2015 12:17
 Operator : UM/IZ
 Sample : PB85134BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85134BL

Quant Time: Aug 24 15:06:33 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 13:58:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	99469	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	418172	20.00	ng	0.00
38) Acenaphthene-d10	9.57	164	193027	20.00	ng	-0.01
63) Phenanthrene-d10	11.04	188	414201	20.00	ng	0.00
75) Chrysene-d12	13.65	240	315232	20.00	ng	-0.01
86) Perylene-d12	14.99	264	242896	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	485608	73.43	ng	0.02
7) Phenol-d6	6.20	99	721704	83.64	ng	0.00
23) Nitrobenzene-d5	7.11	82	387253	42.30	ng	-0.01
41) 2,4,6-Tribromophenol	10.36	330	125209	74.83	ng	0.00
44) 2-Fluorobiphenyl	8.90	172	622546	42.26	ng	0.00
78) Terphenyl-d14	12.62	244	612669	41.67	ng	-0.01

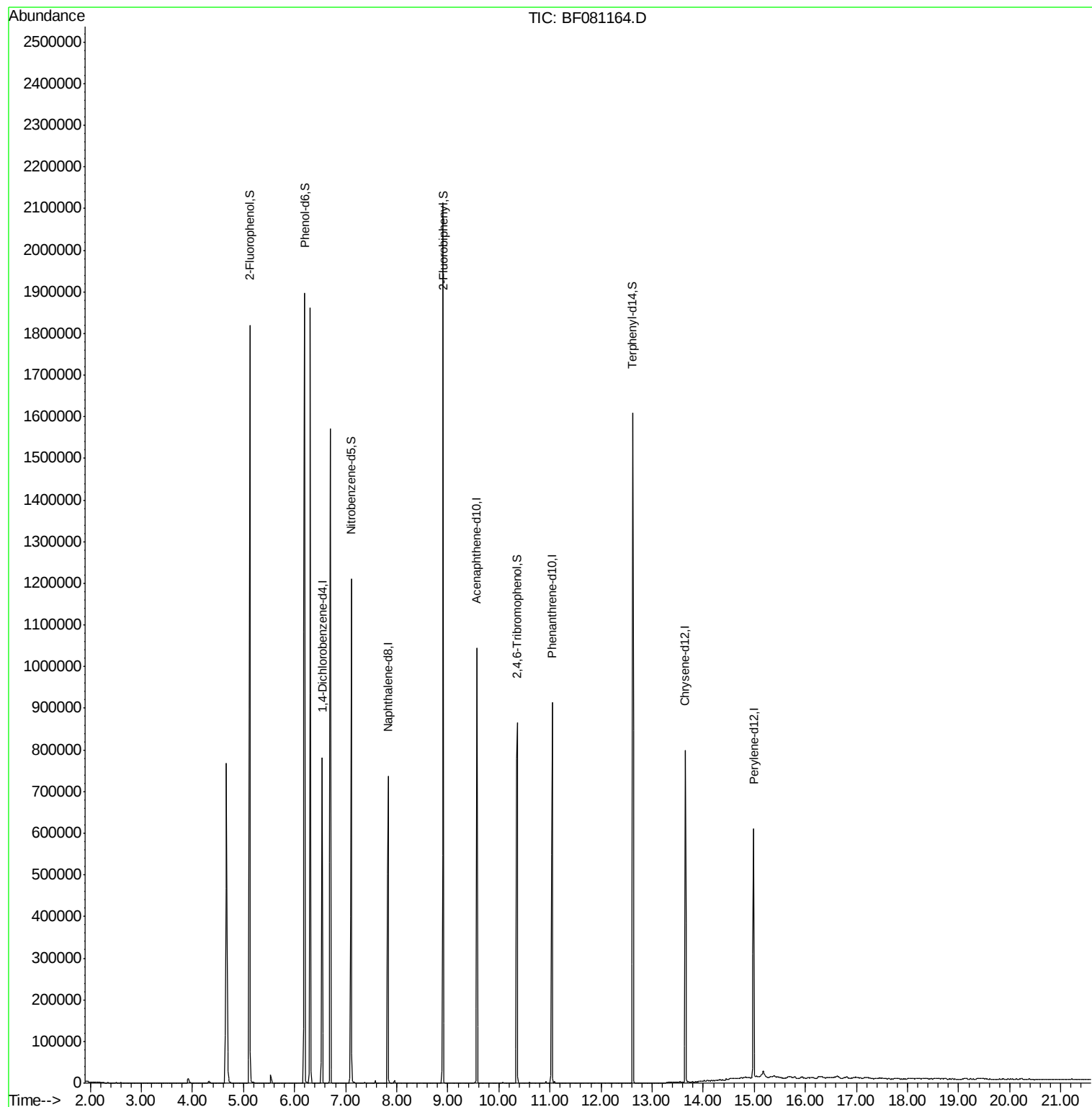
Target Compounds	Qvalue
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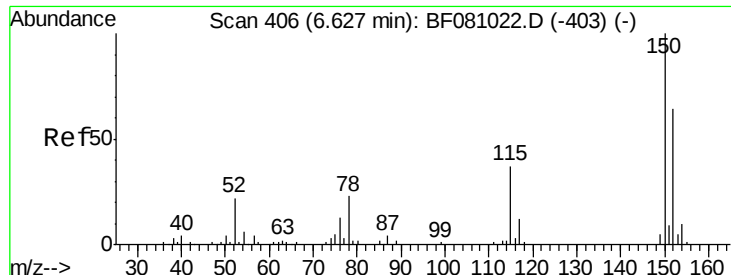
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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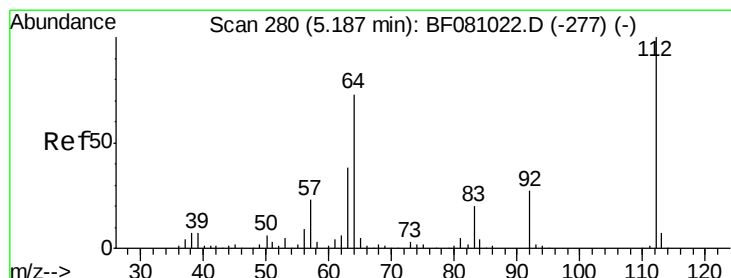
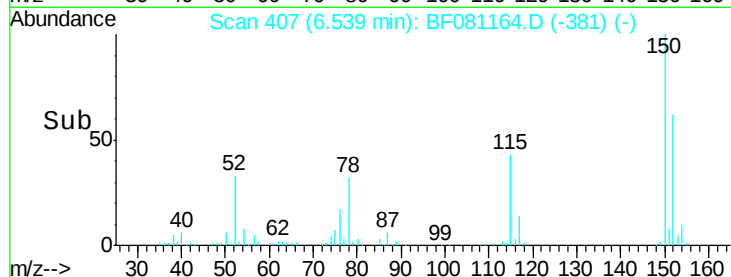
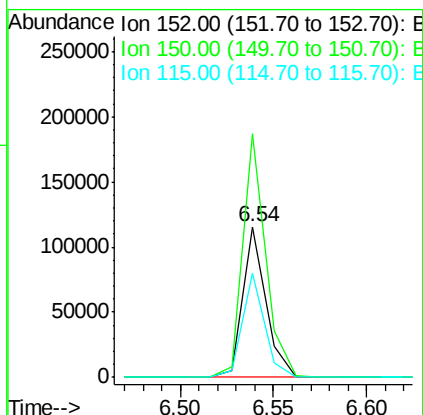
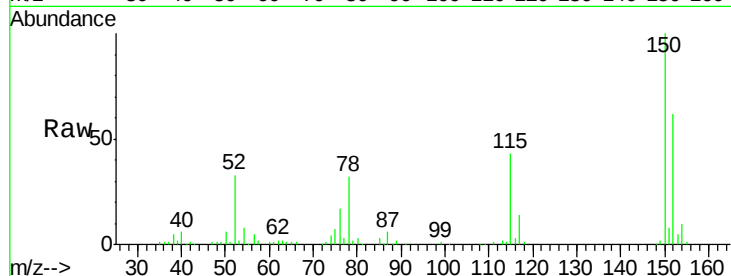


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.54 min Scan# 407
Delta R.T. 0.00 min
Lab File: BF081164.D
Acq: 24 Aug 2015 12:17

Instrument :
BNA_F
ClientSampleId :
PB85134BL

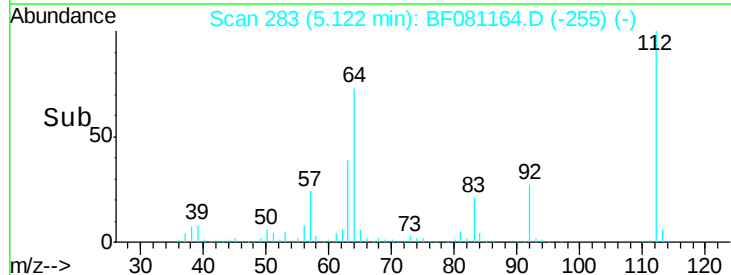
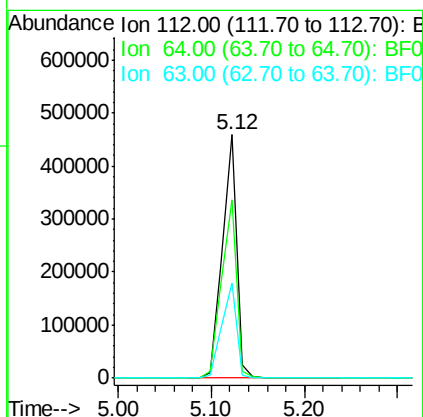
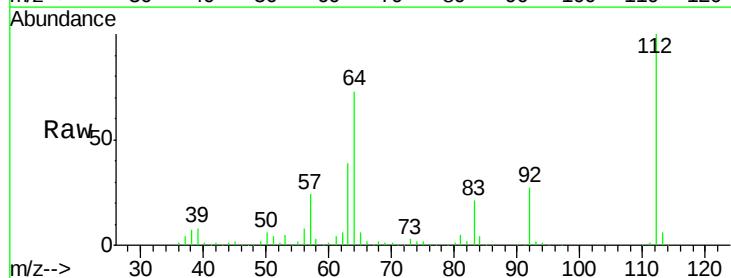
Tgt Ion:152 Resp: 99469
Ion Ratio Lower Upper
152 100
150 161.9 123.8 185.6
115 69.3 52.1 78.1

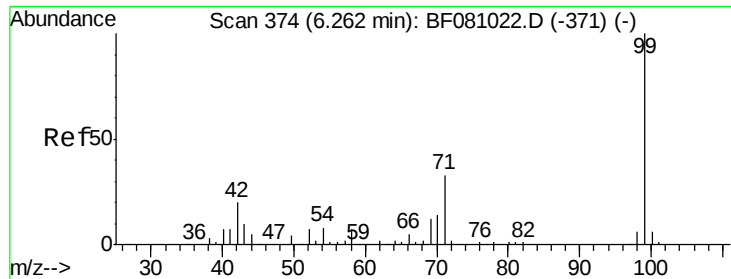


#5

2-Fluorophenol
Concen: 73.43 ng
RT: 5.12 min Scan# 283
Delta R.T. 0.02 min
Lab File: BF081164.D
Acq: 24 Aug 2015 12:17

Tgt Ion:112 Resp: 485608
Ion Ratio Lower Upper
112 100
64 73.4 66.9 100.3
63 39.0 38.1 57.1





#7

Phenol-d6

Concen: 83.64 ng

RT: 6.20 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF081164.D

Acq: 24 Aug 2015 12:17

Instrument :

BNA_F

ClientSampleId :

PB85134BL

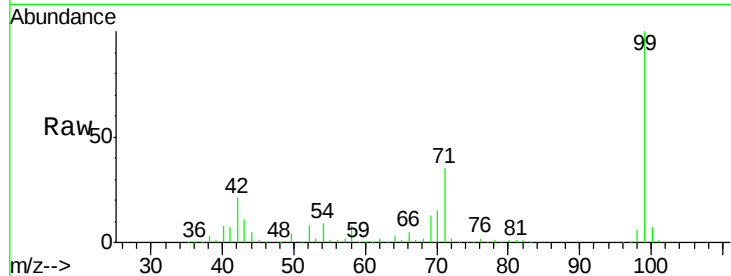
Tgt Ion: 99 Resp: 721704

Ion Ratio Lower Upper

99 100

42 21.1 19.6 29.4

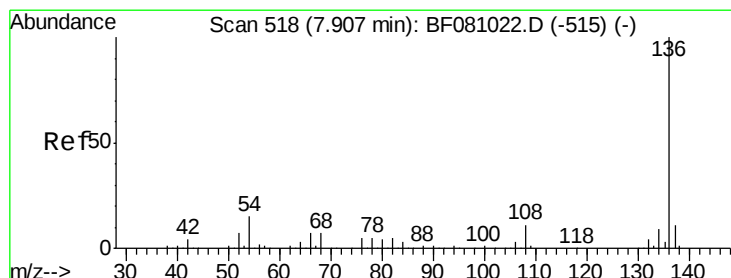
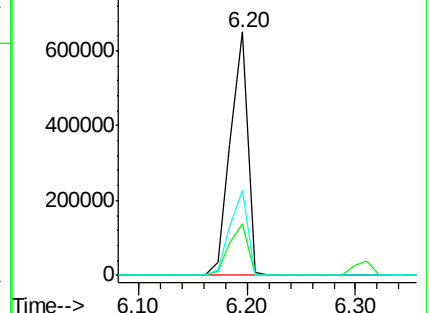
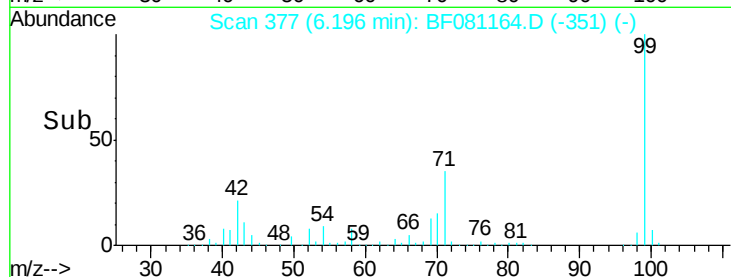
71 35.1 31.2 46.8



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: 7.83 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF081164.D

Acq: 24 Aug 2015 12:17

Tgt Ion: 136 Resp: 418172

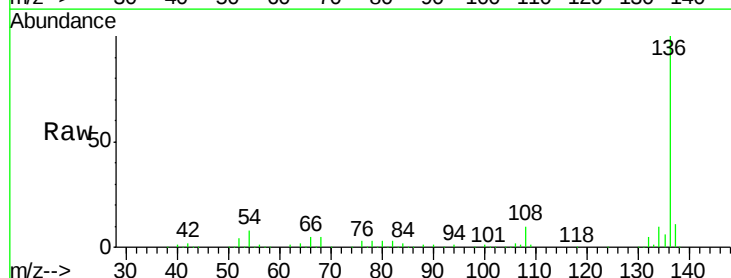
Ion Ratio Lower Upper

136 100

137 10.6 8.2 12.2

54 8.4 7.7 11.5

68 4.7 3.4 5.2

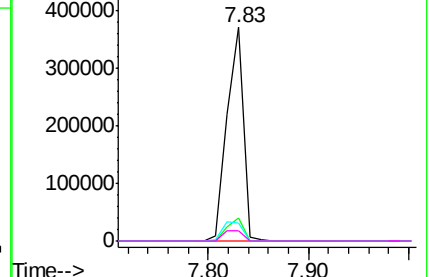
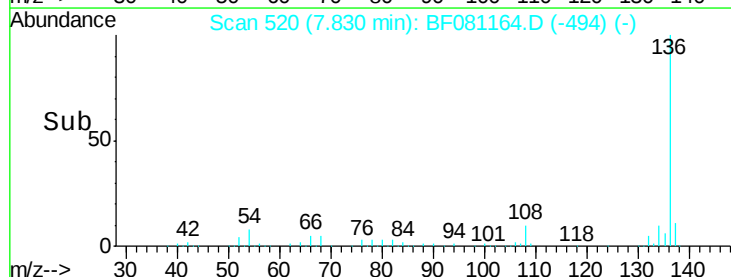


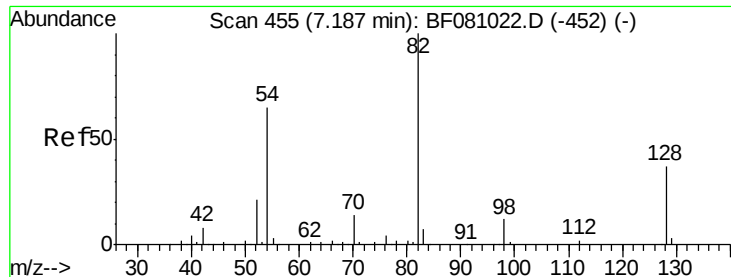
Abundance Ion 136.00 (135.70 to 136.70): E

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

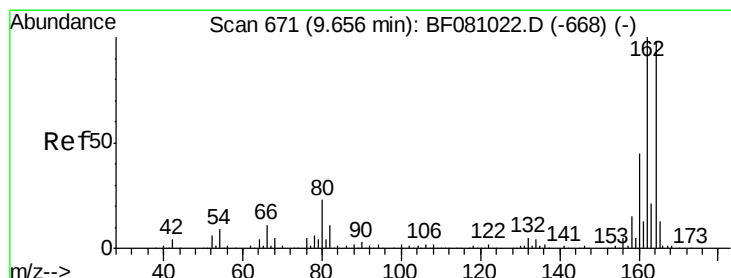
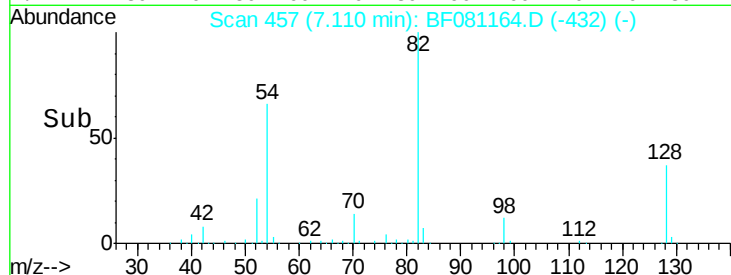
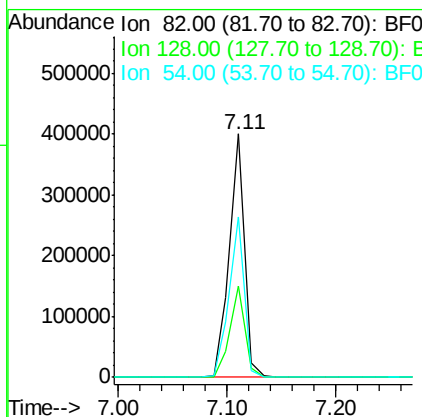
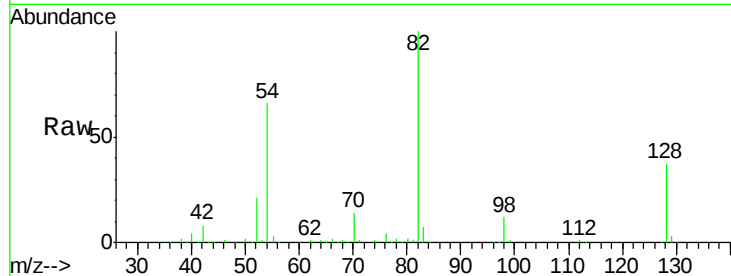




#23
 Nitrobenzene-d5
 Concen: 42.30 ng
 RT: 7.11 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: BF081164.D
 Acq: 24 Aug 2015 12:17

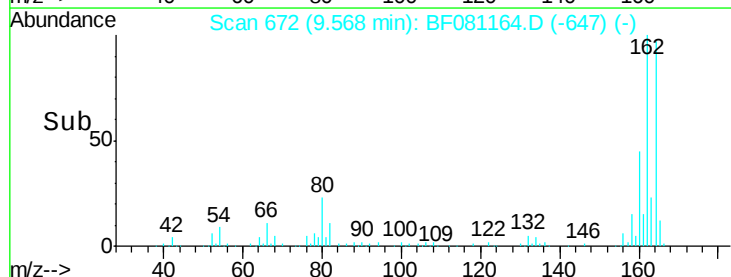
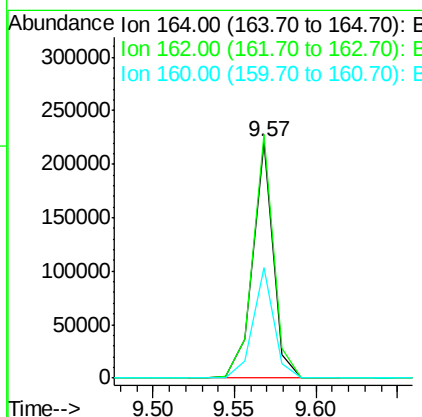
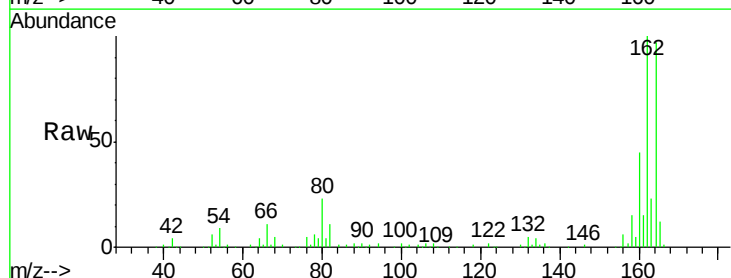
Instrument :
 BNA_F
 ClientSampleId :
 PB85134BL

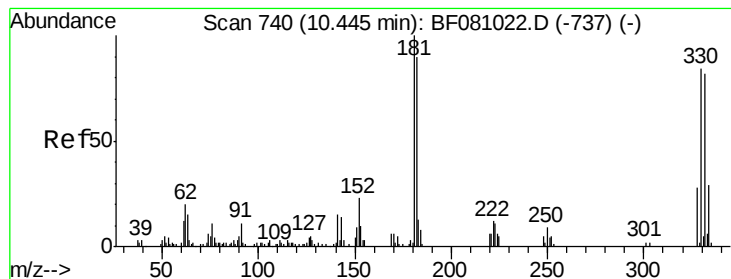
Tgt Ion: 82 Resp: 387253
 Ion Ratio Lower Upper
 82 100
 128 37.3 28.6 42.8
 54 65.8 55.1 82.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.57 min Scan# 672
 Delta R.T. -0.01 min
 Lab File: BF081164.D
 Acq: 24 Aug 2015 12:17

Tgt Ion: 164 Resp: 193027
 Ion Ratio Lower Upper
 164 100
 162 103.0 83.8 125.8
 160 46.8 39.8 59.8





#41

2,4,6-Tribromophenol

Concen: 74.83 ng

RT: 10.36 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF081164.D

Acq: 24 Aug 2015 12:17

Instrument :

BNA_F

ClientSampleId :

PB85134BL

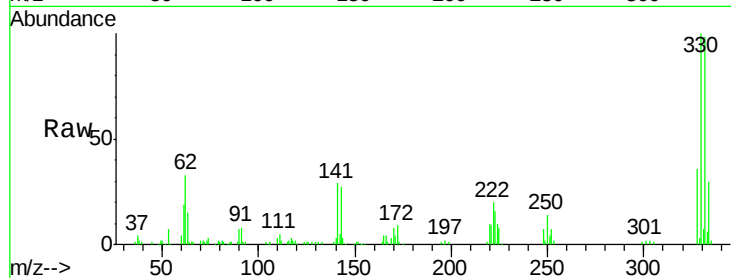
Tgt Ion:330 Resp: 125209

Ion Ratio Lower Upper

330 100

332 96.9 77.3 115.9

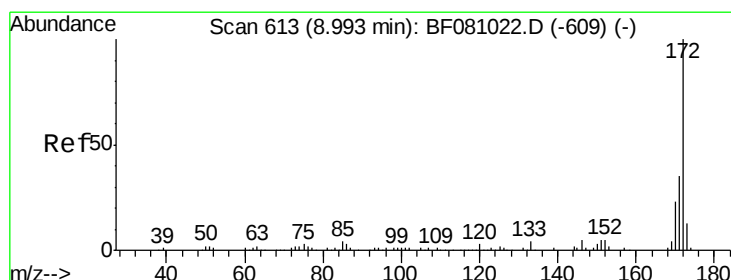
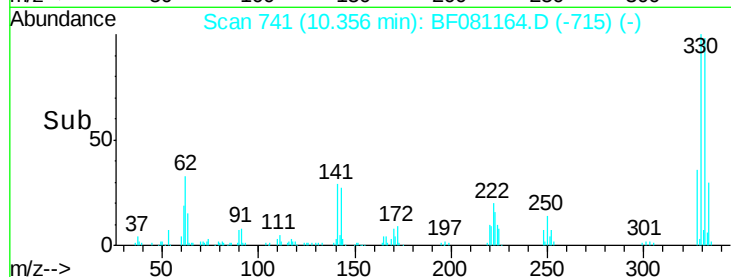
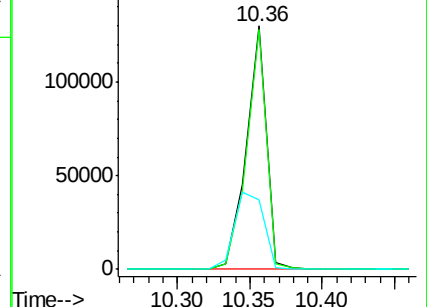
141 45.9 44.9 67.3



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: 42.26 ng

RT: 8.90 min Scan# 614

Delta R.T. 0.00 min

Lab File: BF081164.D

Acq: 24 Aug 2015 12:17

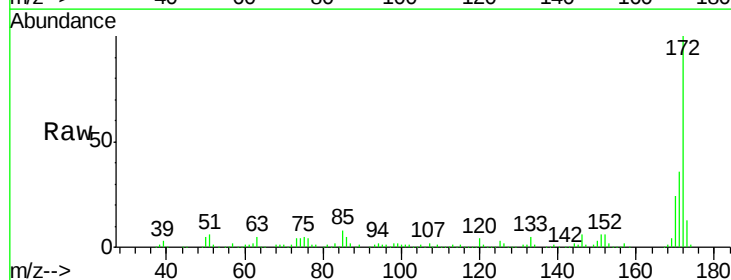
Tgt Ion:172 Resp: 622546

Ion Ratio Lower Upper

172 100

171 36.0 28.9 43.3

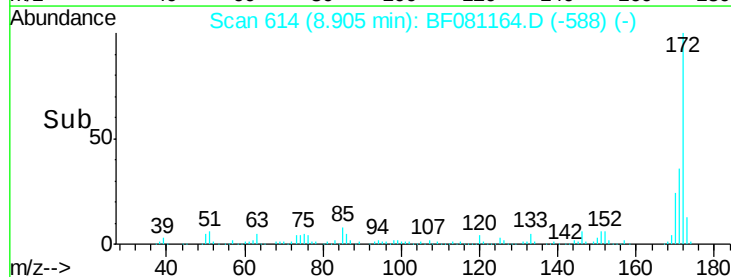
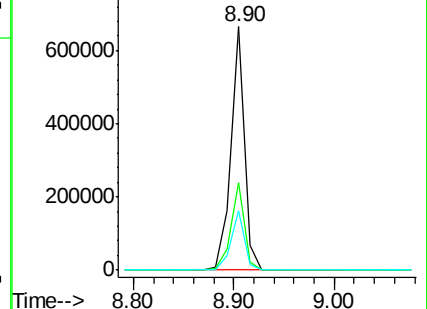
170 24.4 19.4 29.2

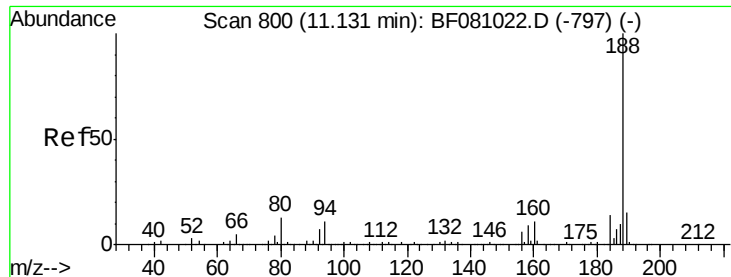


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

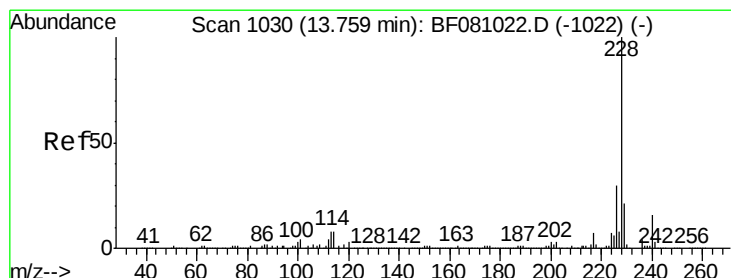
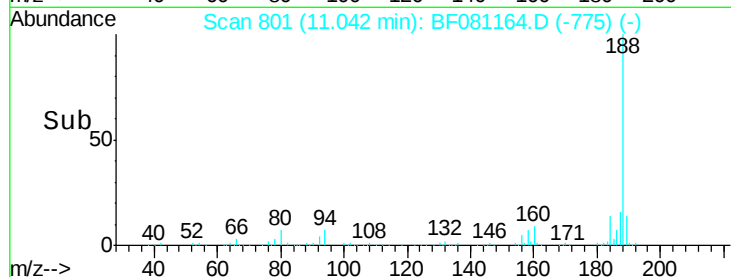
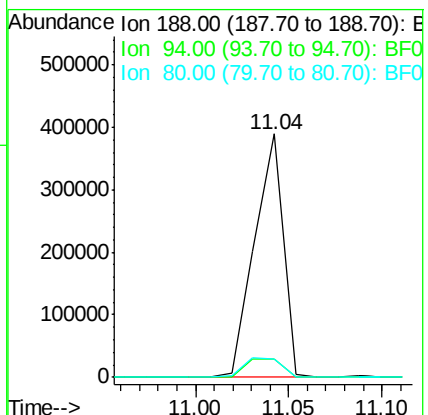
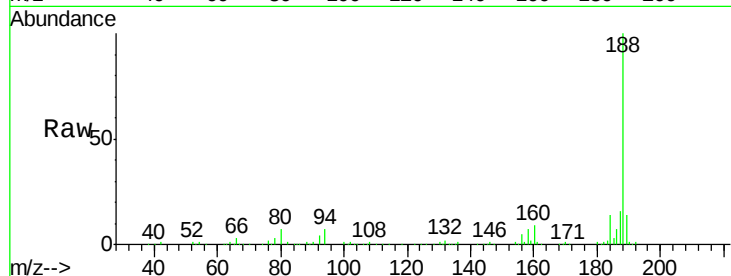




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.04 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF081164.D
Acq: 24 Aug 2015 12:17

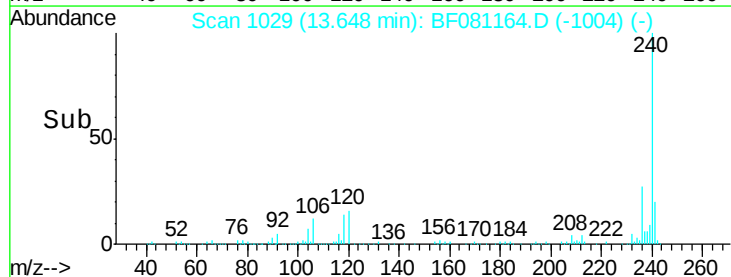
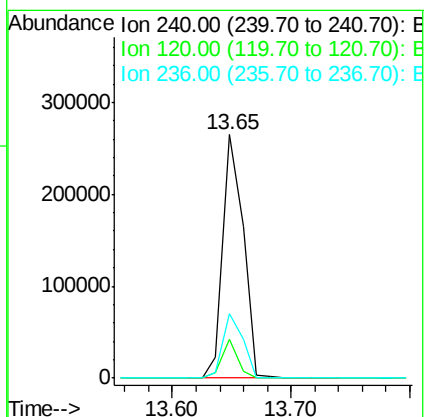
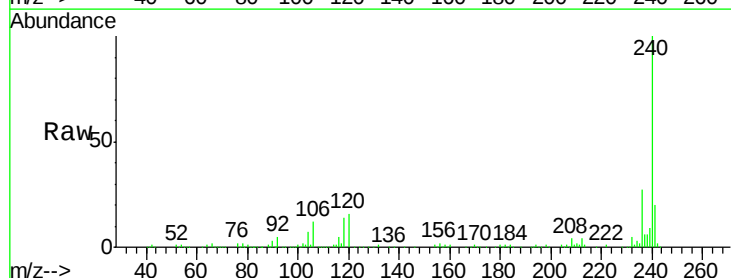
Instrument :
BNA_F
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PB85134BL

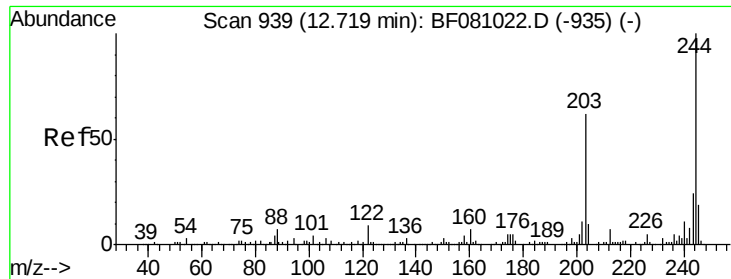
Tgt Ion:188 Resp: 414201
Ion Ratio Lower Upper
188 100
94 7.3 8.2 12.2#
80 7.4 9.5 14.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.65 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF081164.D
Acq: 24 Aug 2015 12:17

Tgt Ion:240 Resp: 315232
Ion Ratio Lower Upper
240 100
120 15.7 5.6 8.4#
236 26.6 20.6 30.8

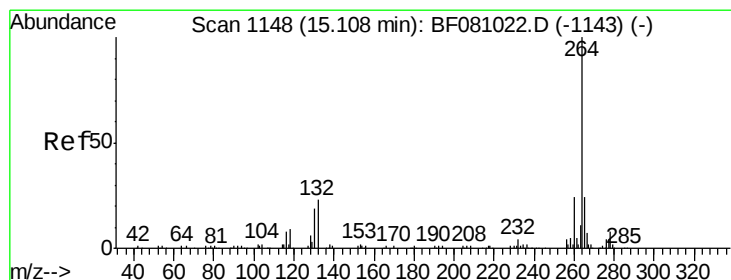
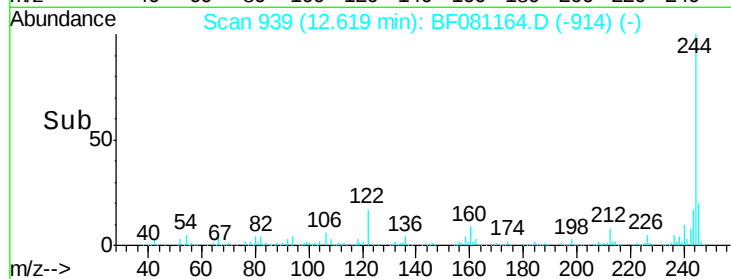
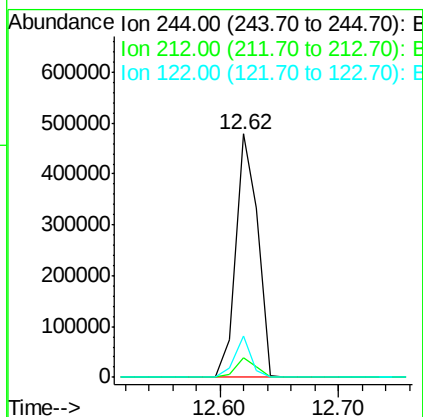
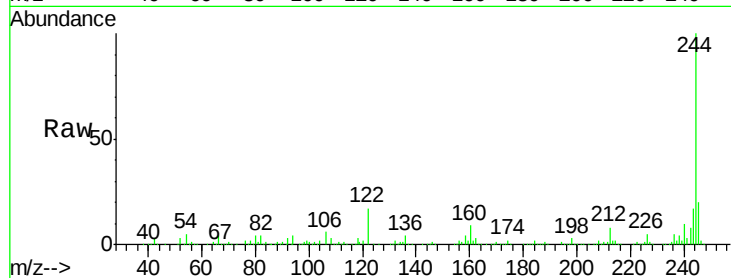




#78
 Terphenyl-d14
 Concen: 41.67 ng
 RT: 12.62 min Scan# 939
 Delta R.T. -0.01 min
 Lab File: BF081164.D
 Acq: 24 Aug 2015 12:17

Instrument :
 BNA_F
 ClientSampleId :
 PB85134BL

Tgt Ion:244 Resp: 612669
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.8 8.8
 122 16.9 8.2 12.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.99 min Scan# 1146
 Delta R.T. 0.00 min
 Lab File: BF081164.D
 Acq: 24 Aug 2015 12:17

Tgt Ion:264 Resp: 242896
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.6 29.4
 265 20.9 17.5 26.3

