

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
 Data File : BF081014.D
 Acq On : 17 Aug 2015 20:51
 Operator : UM/IZ
 Sample : G3283-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP16

Quant Time: Aug 18 01:38:51 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	6.63	152	63129	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	226708	20.00	ng	0.00
38) Acenaphthene-d10	9.66	164	111083	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	230444	20.00	ng	0.00
75) Chrysene-d12	13.75	240	185121	20.00	ng	0.00
86) Perylene-d12	15.10	264	139858	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	523985	124.84	ng	0.03
7) Phenol-d6	6.27	99	574196	104.85	ng	0.01
23) Nitrobenzene-d5	7.20	82	522550	105.29	ng	0.01
41) 2,4,6-Tribromophenol	10.44	330	132265	137.36	ng	0.00
44) 2-Fluorobiphenyl	8.99	172	748809	88.33	ng	0.00
78) Terphenyl-d14	12.72	244	644050	74.59	ng	0.01

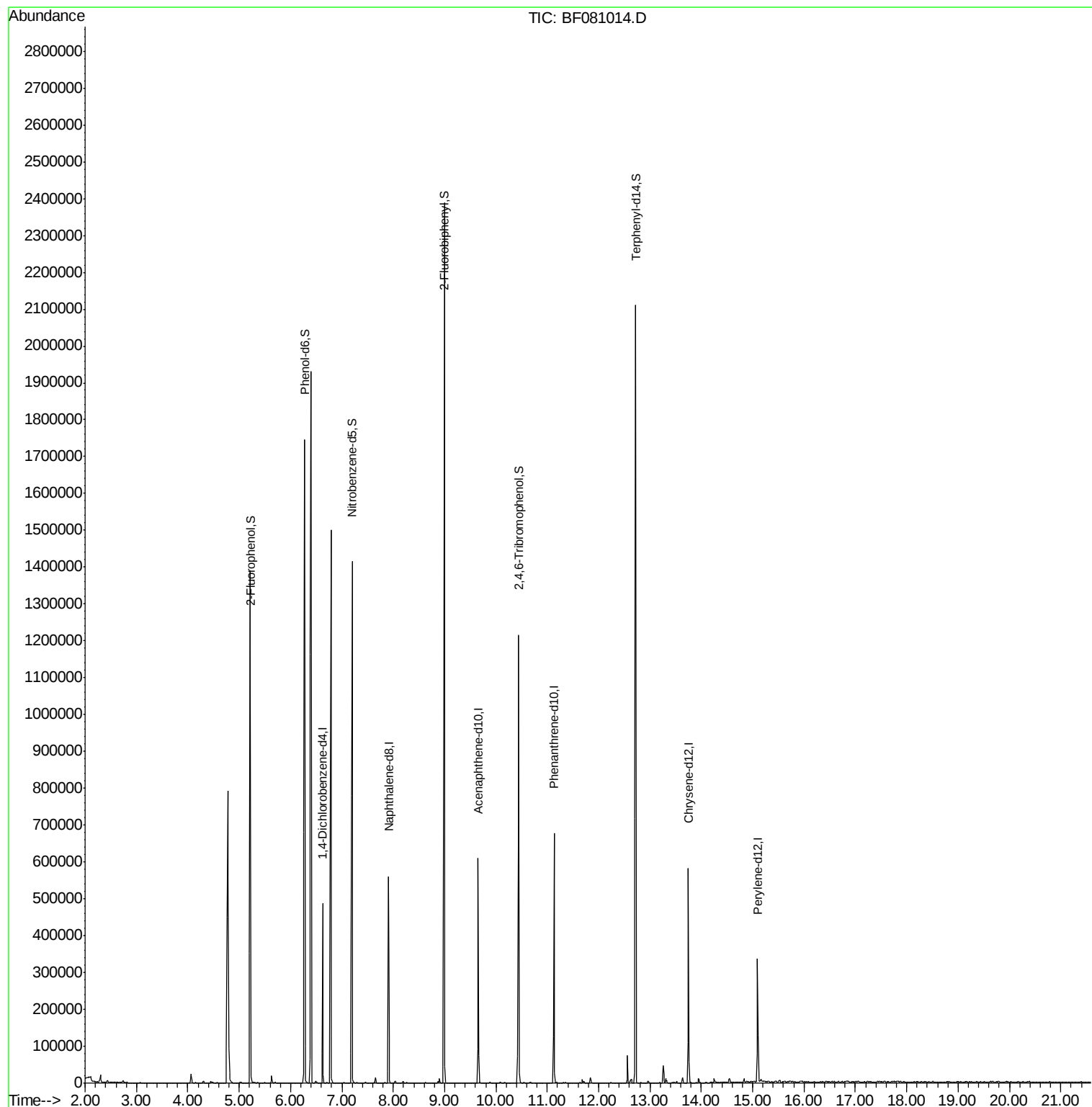
Target Compounds	Qvalue
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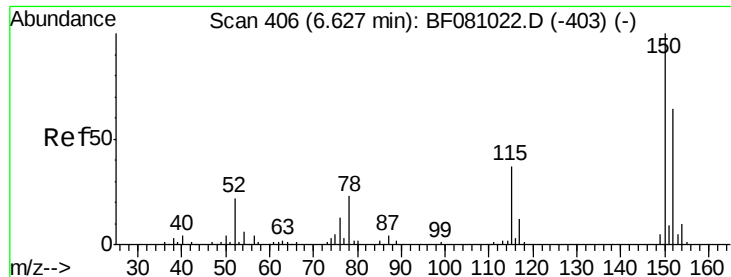
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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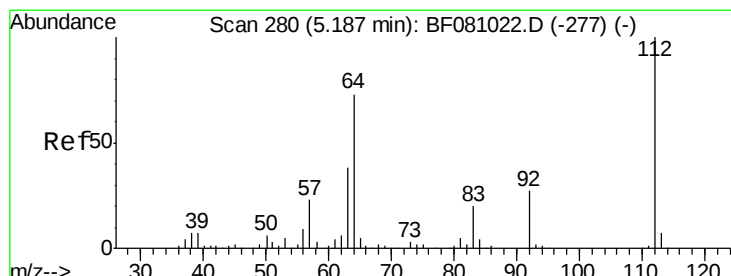
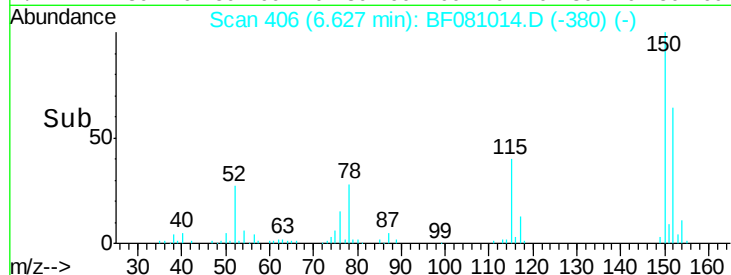
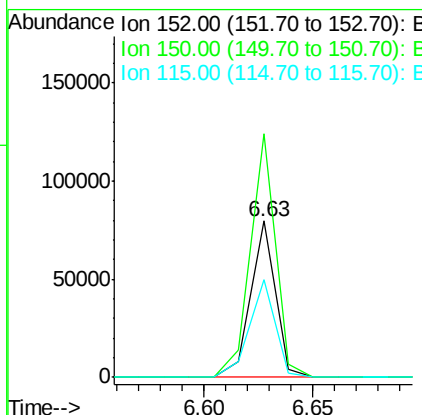
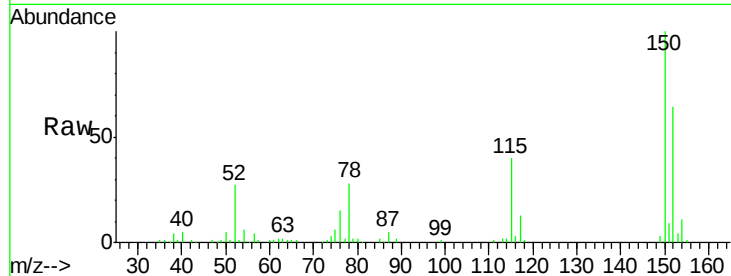


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.63 min Scan# 406
 Delta R.T. 0.00 min
 Lab File: BF081014.D
 Acq: 17 Aug 2015 20:51

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP16

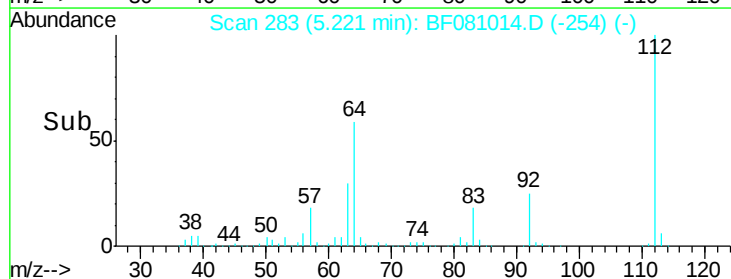
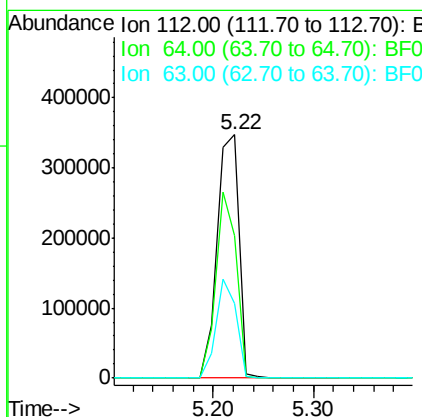
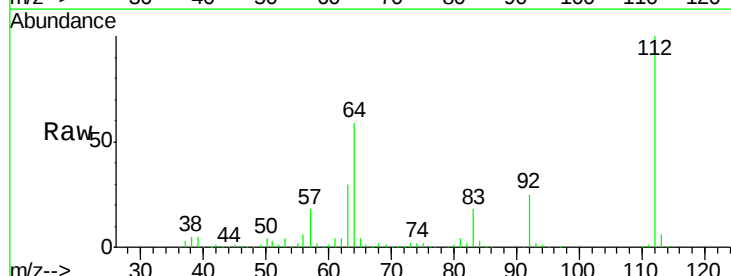
Tgt Ion:152 Resp: 63129
 Ion Ratio Lower Upper
 152 100
 150 156.1 123.8 185.6
 115 62.7 52.1 78.1



#5

2-Fluorophenol
 Concen: 124.84 ng
 RT: 5.22 min Scan# 283
 Delta R.T. 0.03 min
 Lab File: BF081014.D
 Acq: 17 Aug 2015 20:51

Tgt Ion:112 Resp: 523985
 Ion Ratio Lower Upper
 112 100
 64 58.8 66.9 100.3#
 63 30.5 38.1 57.1#





#7

Phenol-d6

Concen: 104.85 ng

RT: 6.27 min Scan# 375

Delta R.T. 0.01 min

Lab File: BF081014.D

Acq: 17 Aug 2015 20:51

Instrument :

BNA_F

ClientSampleId :

TEC-COMP16

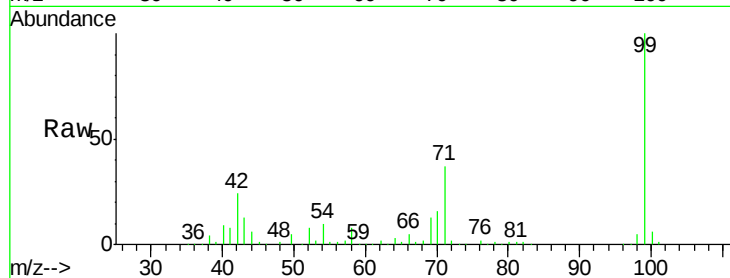
Tgt Ion: 99 Resp: 574196

Ion Ratio Lower Upper

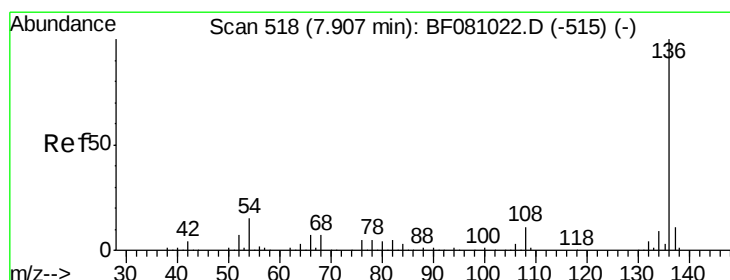
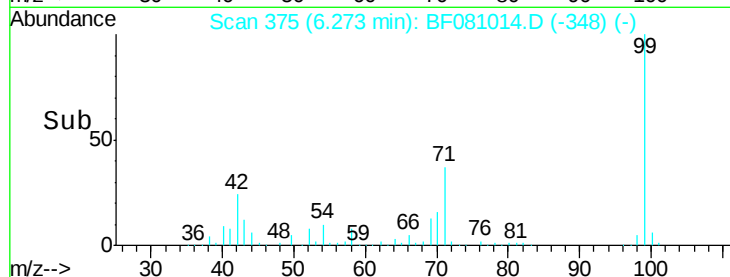
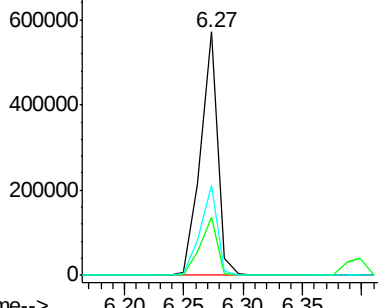
99 100

42 23.7 19.6 29.4

71 36.7 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: 7.91 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF081014.D

Acq: 17 Aug 2015 20:51

Tgt Ion: 136 Resp: 226708

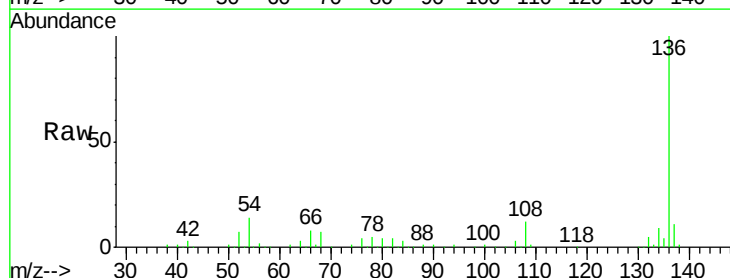
Ion Ratio Lower Upper

136 100

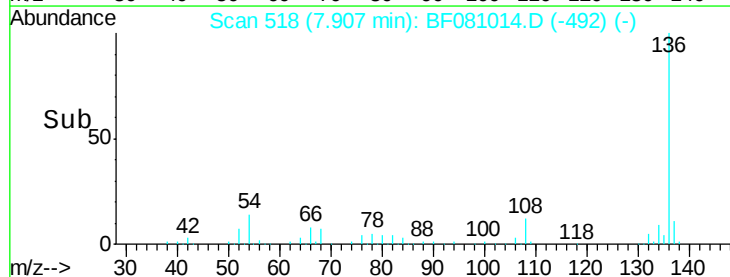
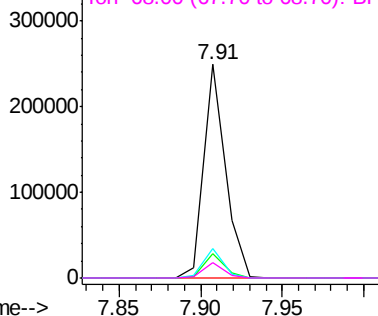
137 11.2 8.2 12.2

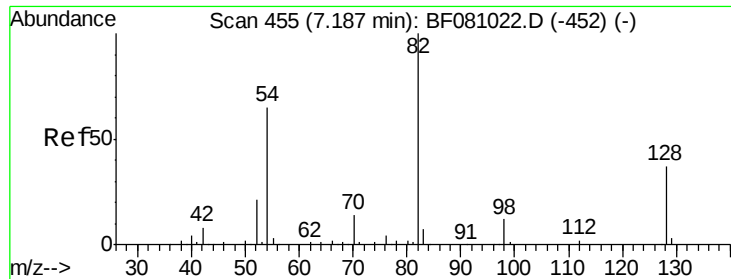
54 13.9 7.7 11.5#

68 7.2 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

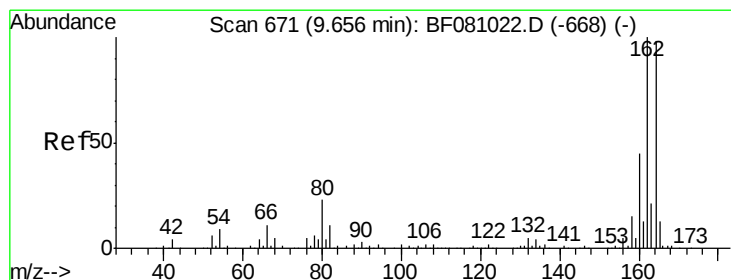
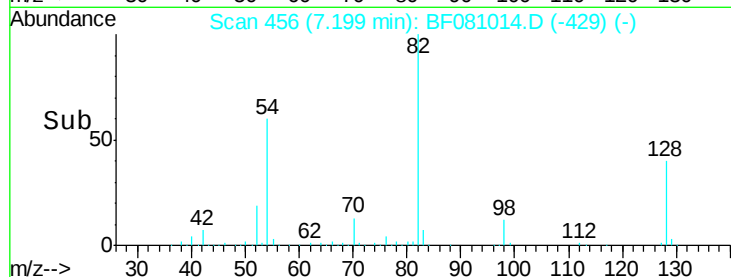
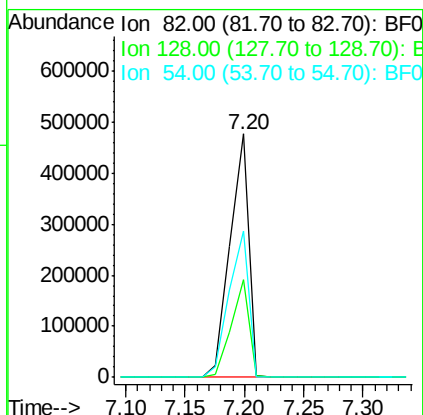
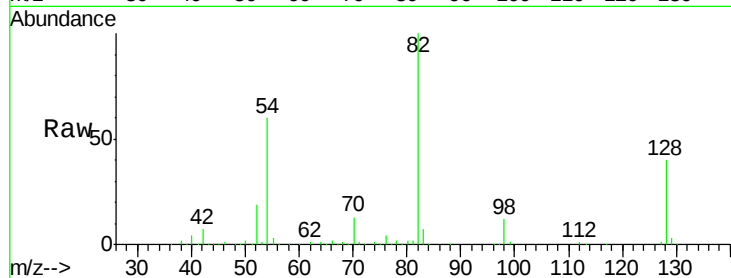




#23
 Nitrobenzene-d5
 Concen: 105.29 ng
 RT: 7.20 min Scan# 456
 Delta R.T. 0.01 min
 Lab File: BF081014.D
 Acq: 17 Aug 2015 20:51

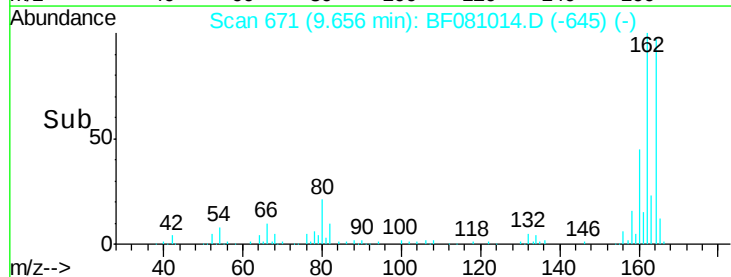
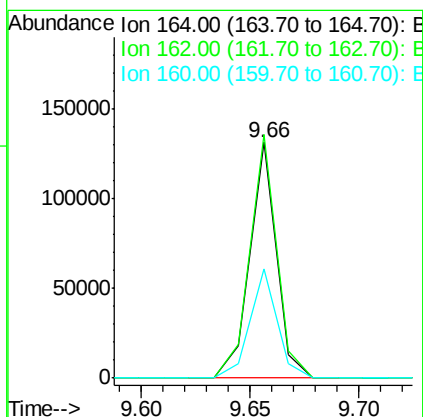
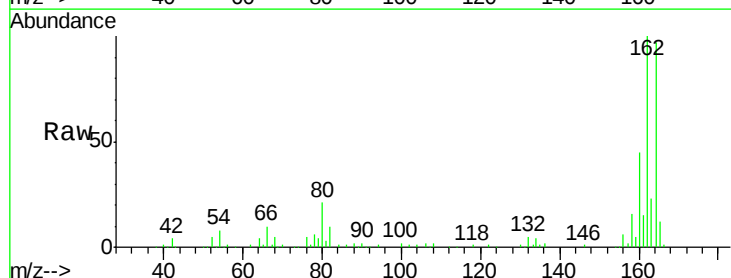
Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP16

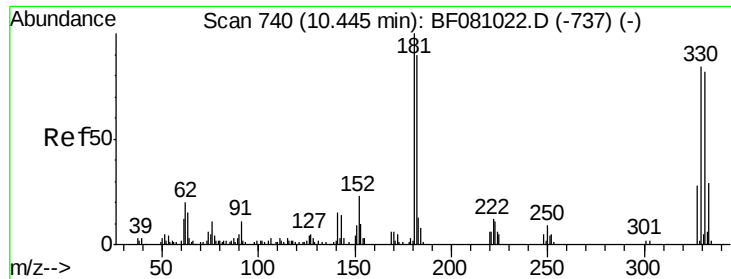
Tgt Ion: 82 Resp: 522550
 Ion Ratio Lower Upper
 82 100
 128 40.2 28.6 42.8
 54 60.0 55.1 82.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 671
 Delta R.T. 0.00 min
 Lab File: BF081014.D
 Acq: 17 Aug 2015 20:51

Tgt Ion: 164 Resp: 111083
 Ion Ratio Lower Upper
 164 100
 162 103.4 83.8 125.8
 160 46.1 39.8 59.8

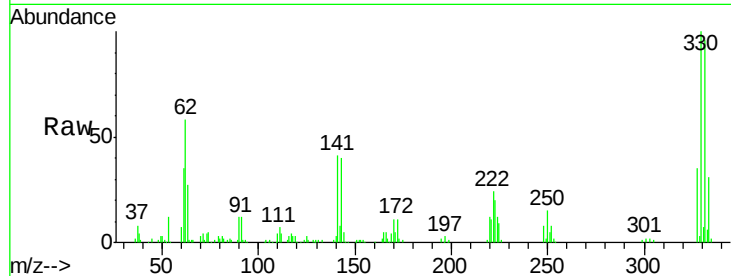




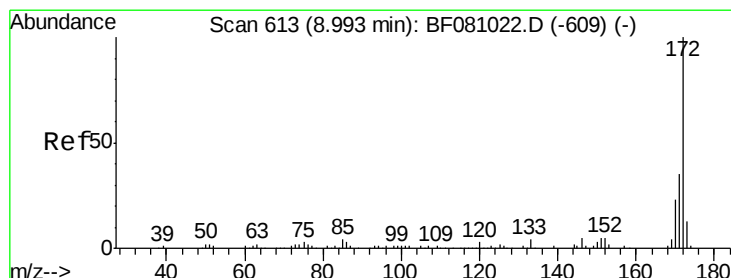
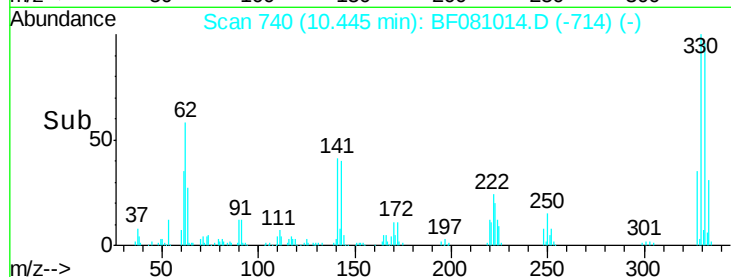
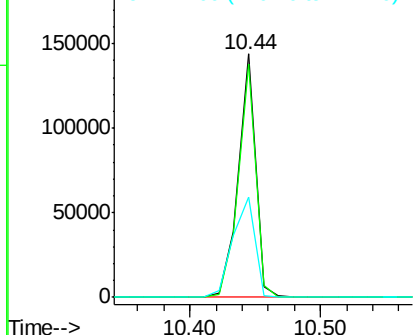
#41
 2,4,6-Tribromophenol
 Concen: 137.36 ng
 RT: 10.44 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF081014.D
 Acq: 17 Aug 2015 20:51

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP16

Tgt Ion:330 Resp: 132265
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.3 115.9
 141 52.4 44.9 67.3

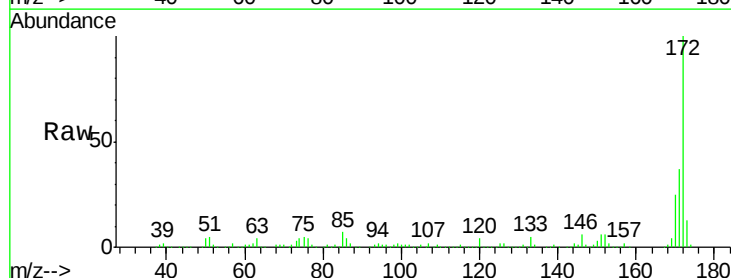


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

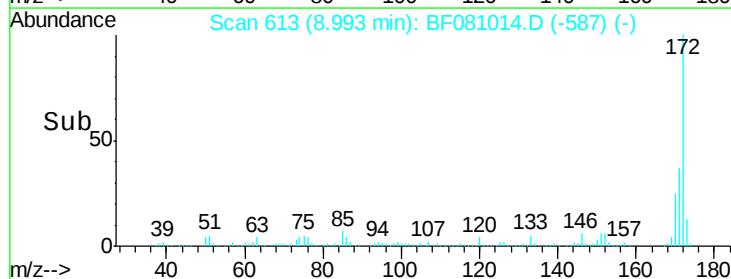
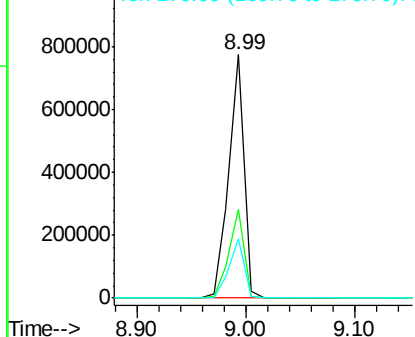


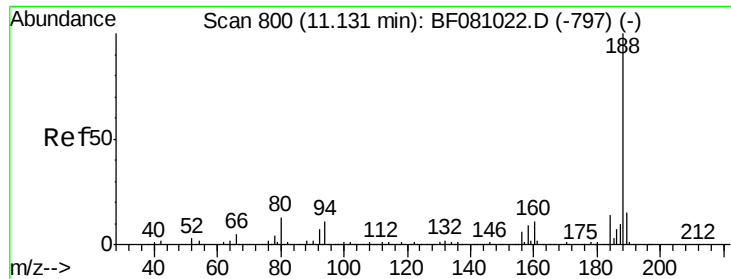
#44
 2-Fluorobiphenyl
 Concen: 88.33 ng
 RT: 8.99 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF081014.D
 Acq: 17 Aug 2015 20:51

Tgt Ion:172 Resp: 748809
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.9 43.3
 170 24.5 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

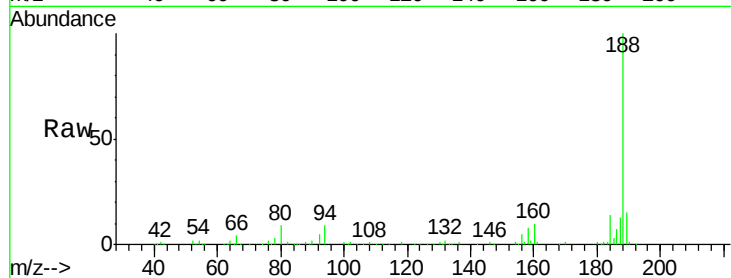




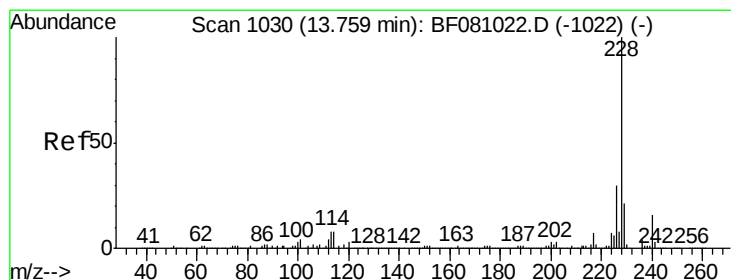
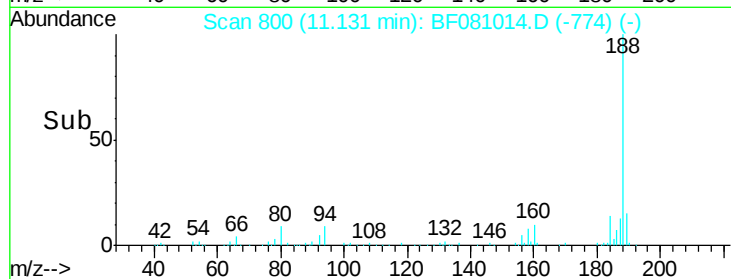
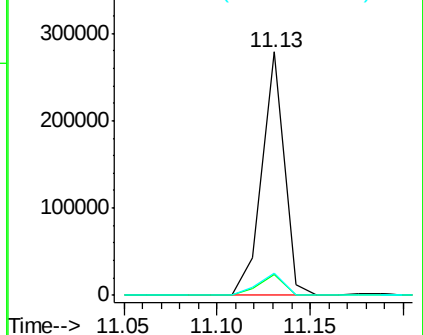
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF081014.D
Acq: 17 Aug 2015 20:51

Instrument :
BNA_F
ClientSampleId :
TEC-COMP16

Tgt Ion:188 Resp: 230444
Ion Ratio Lower Upper
188 100
94 8.7 8.2 12.2
80 9.3 9.5 14.3#

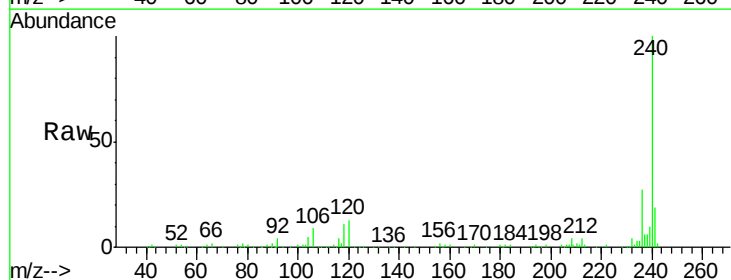


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

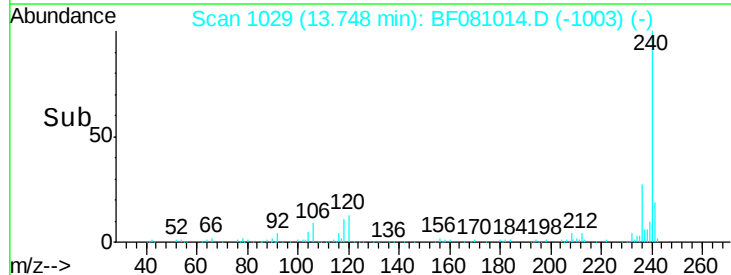
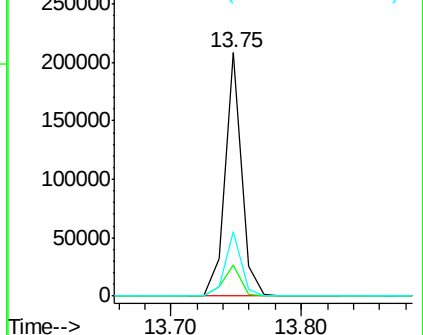


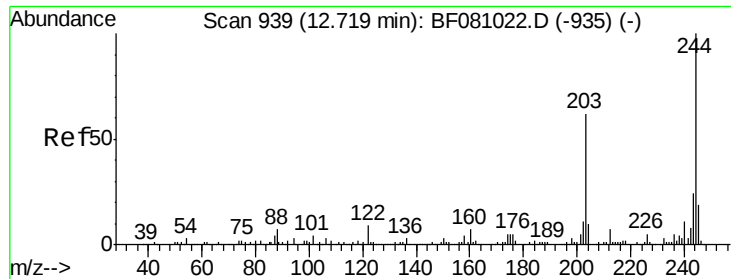
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF081014.D
Acq: 17 Aug 2015 20:51

Tgt Ion:240 Resp: 185121
Ion Ratio Lower Upper
240 100
120 12.6 5.6 8.4#
236 26.7 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

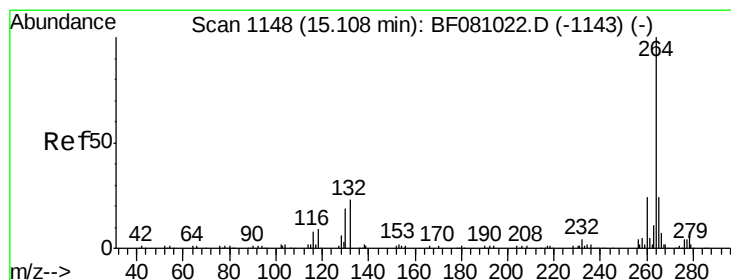
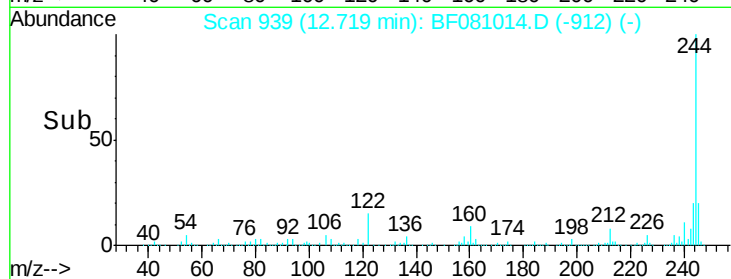
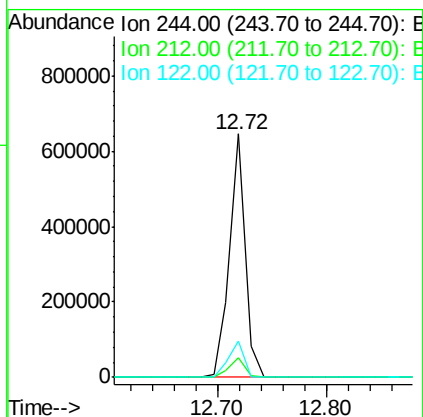
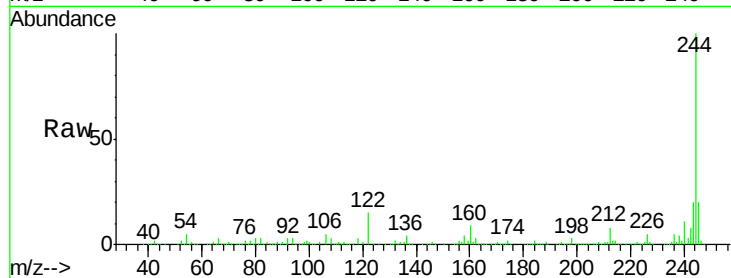




#78
 Terphenyl-d14
 Concen: 74.59 ng
 RT: 12.72 min Scan# 939
 Delta R.T. 0.01 min
 Lab File: BF081014.D
 Acq: 17 Aug 2015 20:51

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP16

Tgt Ion:244 Resp: 644050
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.8 8.8
 122 15.1 8.2 12.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.10 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BF081014.D
 Acq: 17 Aug 2015 20:51

Tgt Ion:264 Resp: 139858
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.6 29.4
 265 21.1 17.5 26.3

