

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102115\
 Data File : BF082409.D
 Acq On : 21 Oct 2015 17:35
 Operator : UM/IZ
 Sample : G4085-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-001-COMP

Quant Time: Oct 22 10:05:58 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 13:20:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	109192	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	430224	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	219651	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	455651	20.00	ng	0.00
75) Chrysene-d12	14.01	240	415426	20.00	ng	0.00
86) Perylene-d12	15.56	264	305315	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	633992	117.18	ng	0.01
7) Phenol-d6	6.41	99	739023	104.97	ng	-0.01
23) Nitrobenzene-d5	7.34	82	550458	85.92	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	218142	105.90	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	1253014	94.60	ng	0.00
78) Terphenyl-d14	12.90	244	1233962	78.71	ng	0.00

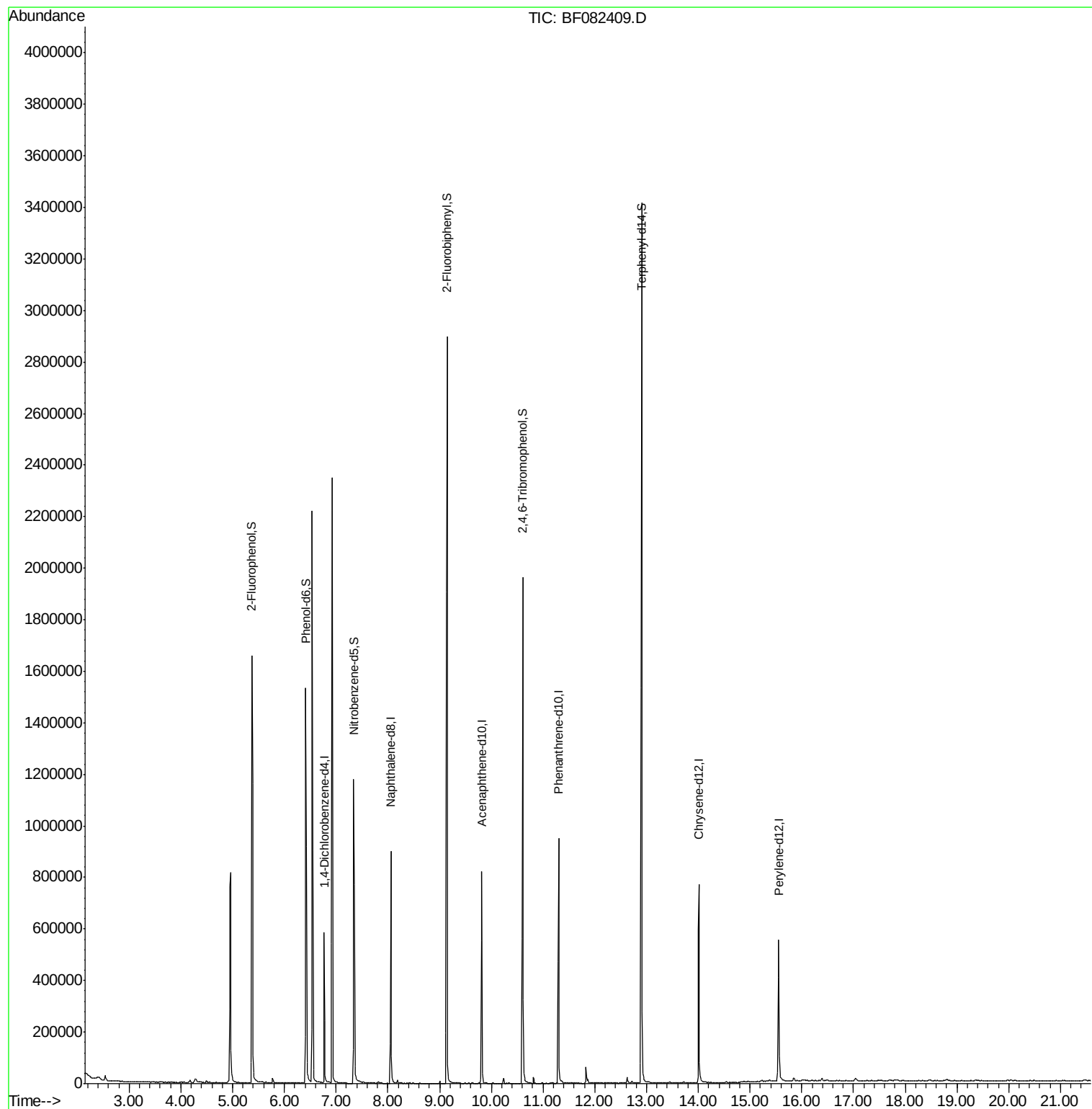
Target Compounds Qvalue

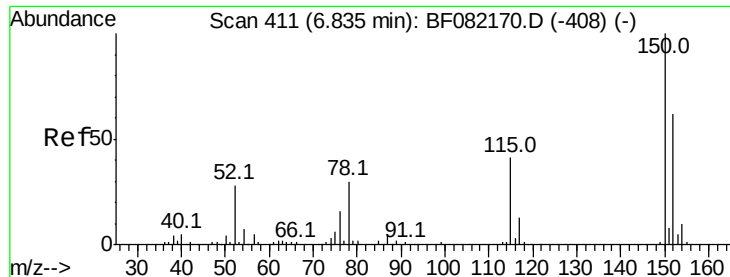
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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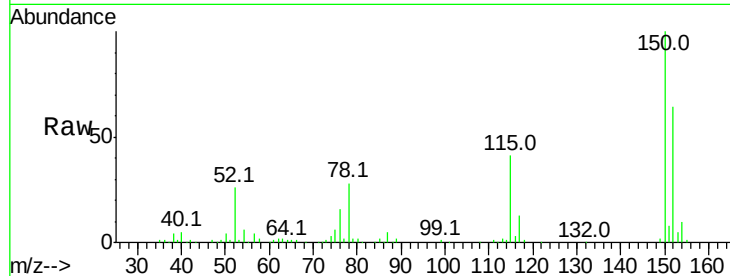


#1

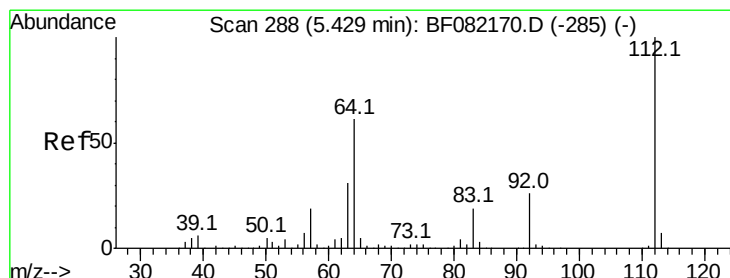
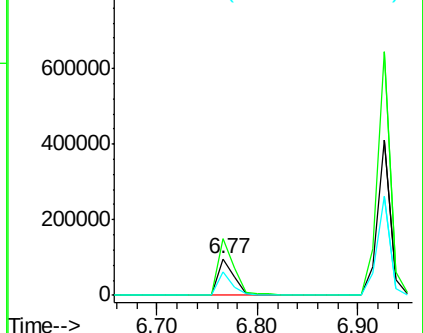
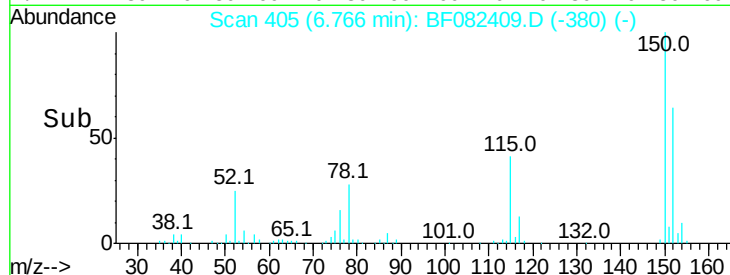
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF082409.D
Acq: 21 Oct 2015 17:35

Instrument :
BNA_F
ClientSampleId :
SP-001-COMP

Tot Ion:152 Resp: 109192
Ion Ratio Lower Upper
152 100
150 156.2 129.0 193.4
115 63.7 52.1 78.1



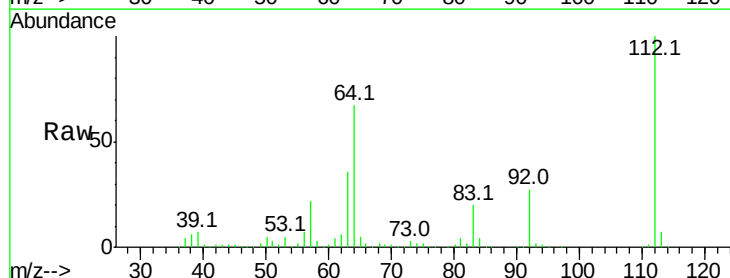
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



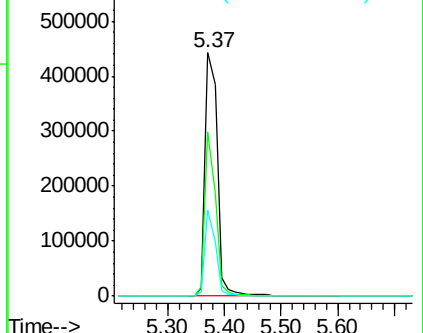
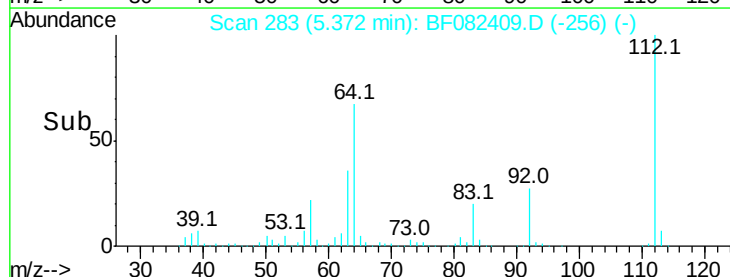
#5

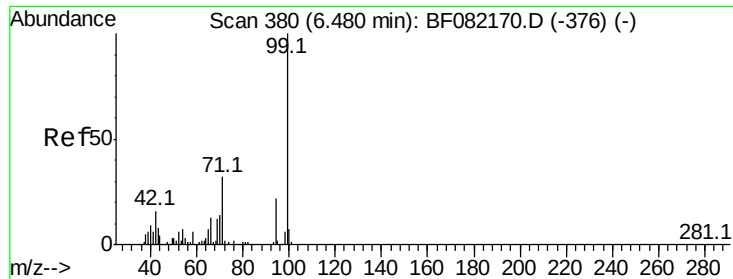
2-Fluorophenol
Concen: 117.18 ng
RT: 5.37 min Scan# 283
Delta R.T. 0.01 min
Lab File: BF082409.D
Acq: 21 Oct 2015 17:35

Tgt Ion:112 Resp: 633992
Ion Ratio Lower Upper
112 100
64 67.4 48.6 73.0
63 35.7 25.1 37.7



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: 104.97 ng

RT: 6.41 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF082409.D

Acq: 21 Oct 2015 17:35

Instrument :

BNA_F

ClientSampleId :

SP-001-COMP

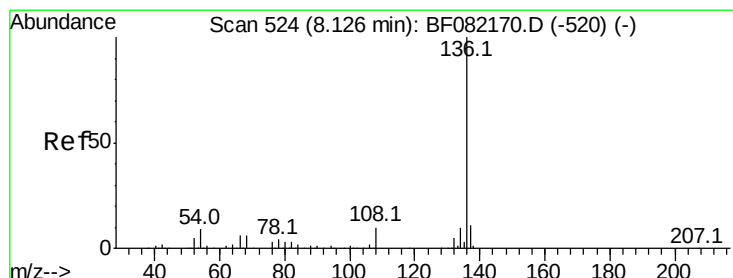
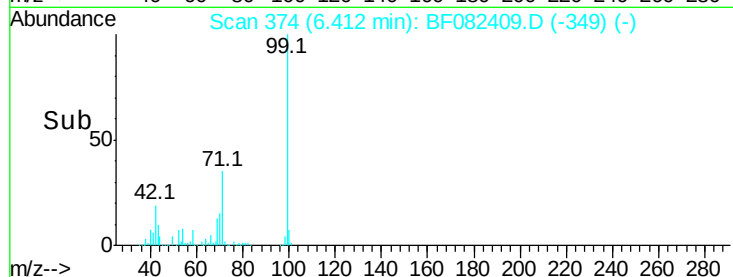
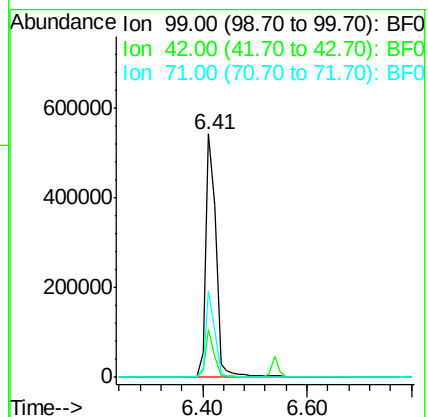
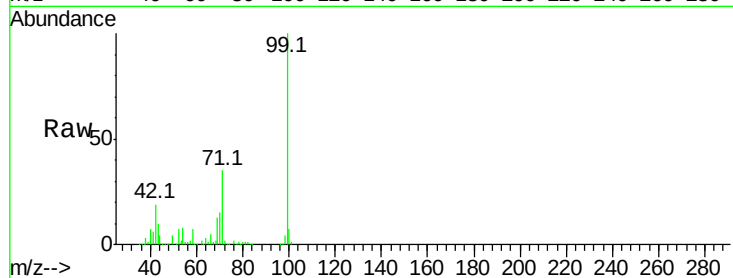
Tot Ion: 99 Resp: 739023

Ion Ratio Lower Upper

99 100

42 19.5 13.2 19.8

71 35.3 25.6 38.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF082409.D

Acq: 21 Oct 2015 17:35

Tgt Ion: 136 Resp: 430224

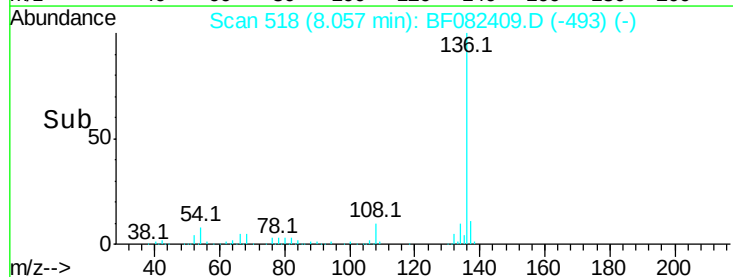
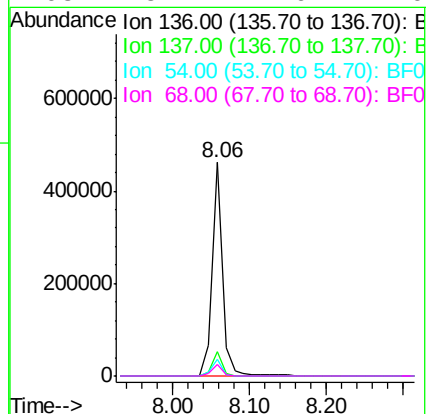
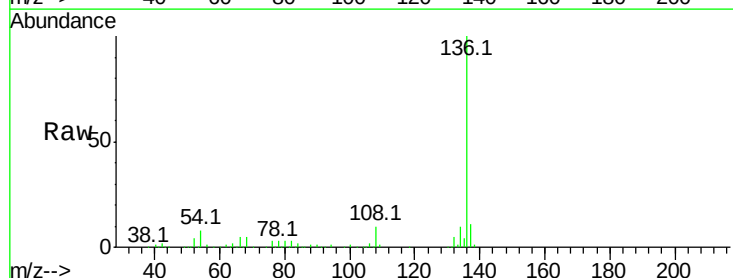
Ion Ratio Lower Upper

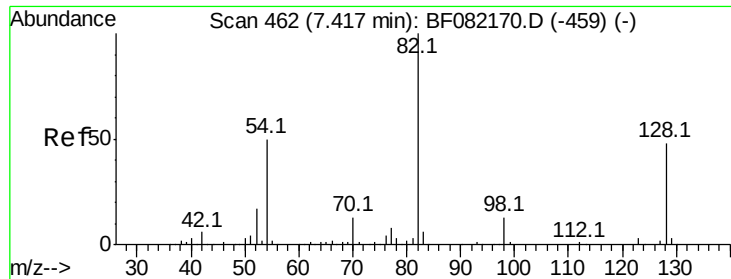
136 100

137 11.2 9.0 13.6

54 7.7 7.5 11.3

68 5.2 4.6 7.0

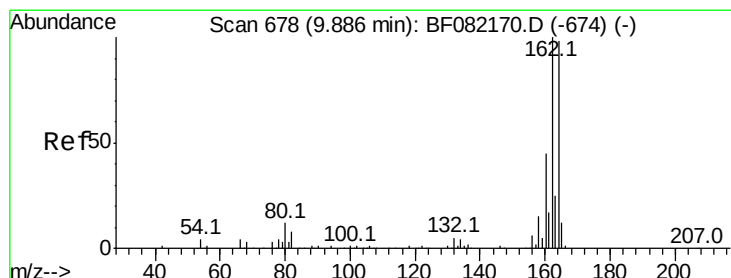
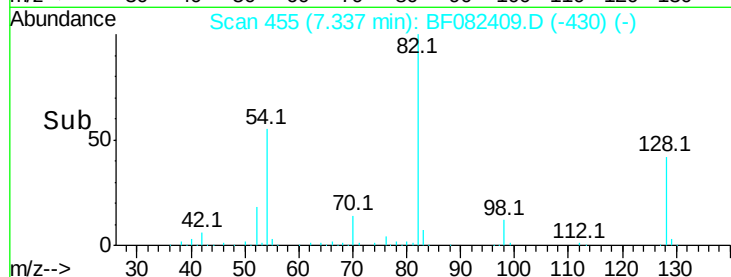
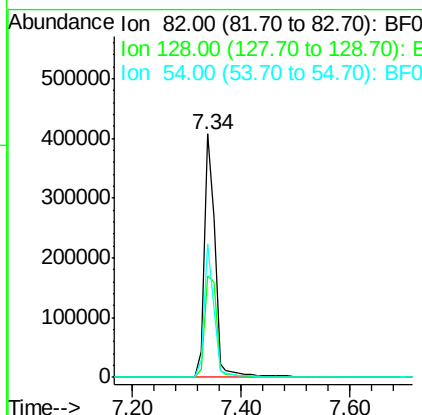
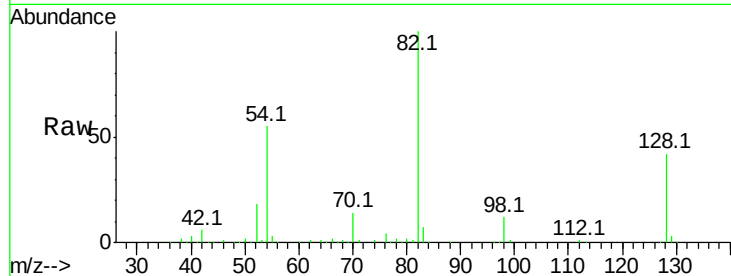




#23
 Nitrobenzene-d5
 Concen: 85.92 ng
 RT: 7.34 min Scan# 455
 Delta R.T. -0.01 min
 Lab File: BF082409.D
 Acq: 21 Oct 2015 17:35

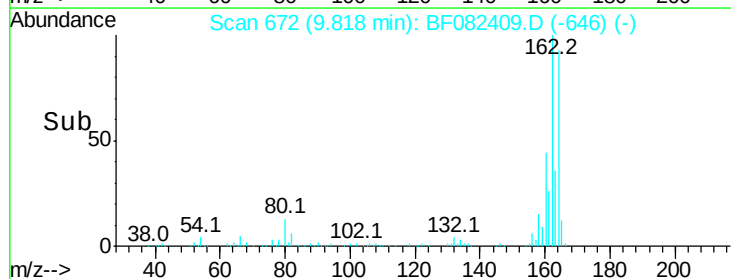
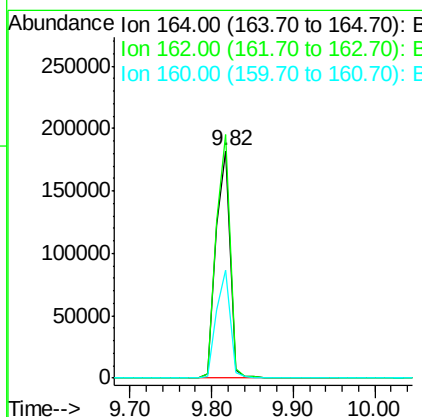
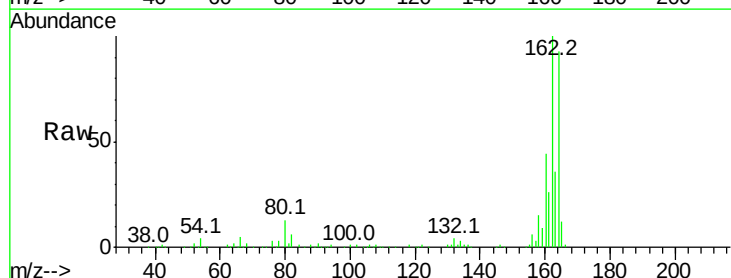
Instrument :
 BNA_F
 ClientSampleId :
 SP-001-COMP

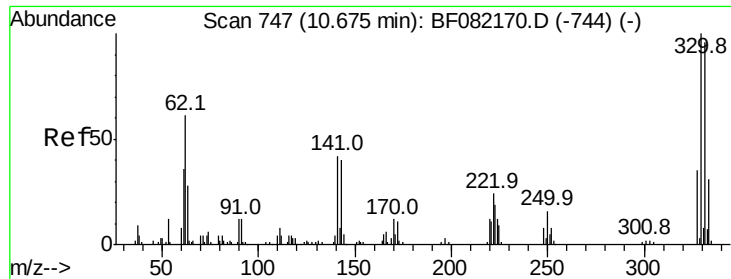
Tot Ion: 82 Resp: 550458
 Ion Ratio Lower Upper
 82 100
 128 41.5 38.7 58.1
 54 54.9 40.1 60.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 672
 Delta R.T. -0.00 min
 Lab File: BF082409.D
 Acq: 21 Oct 2015 17:35

Tgt Ion: 164 Resp: 219651
 Ion Ratio Lower Upper
 164 100
 162 107.2 81.6 122.4
 160 47.5 36.4 54.6

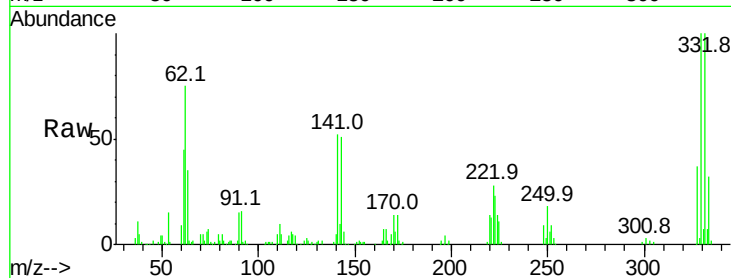




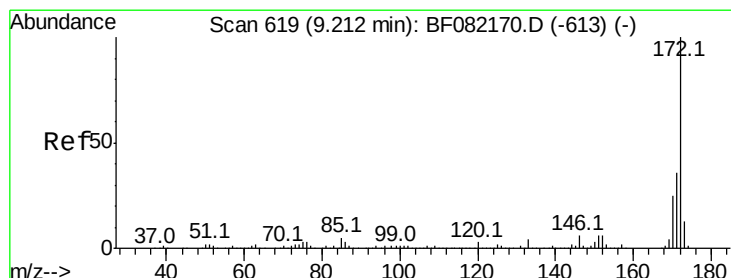
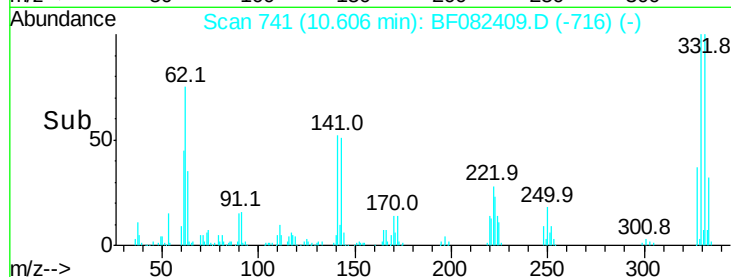
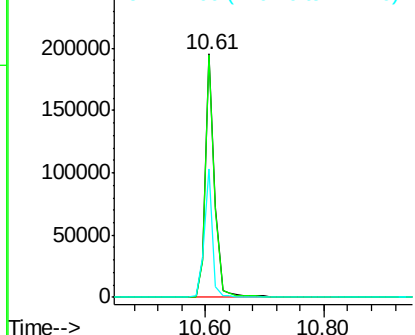
#41
 2,4,6-Tribromophenol
 Concen: 105.90 ng
 RT: 10.61 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF082409.D
 Acq: 21 Oct 2015 17:35

Instrument :
 BNA_F
 ClientSampleId :
 SP-001-COMP

Tot Ion:330 Resp: 218142
 Ion Ratio Lower Upper
 330 100
 332 98.3 77.1 115.7
 141 47.2 29.8 44.8#

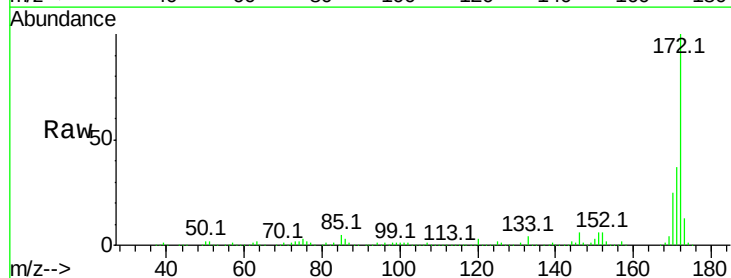


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

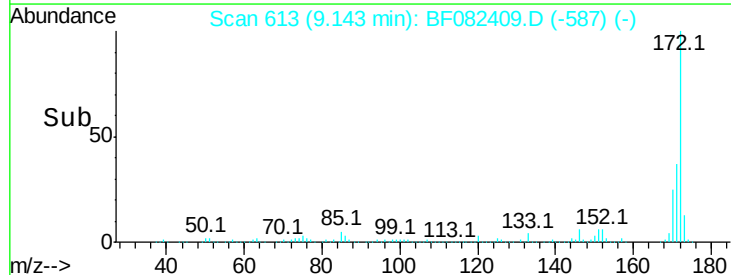
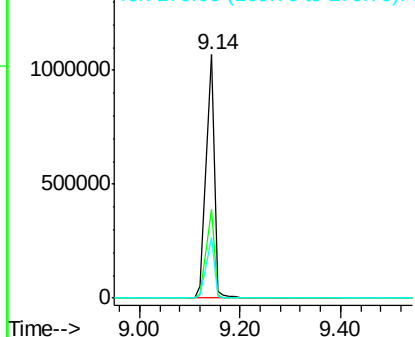


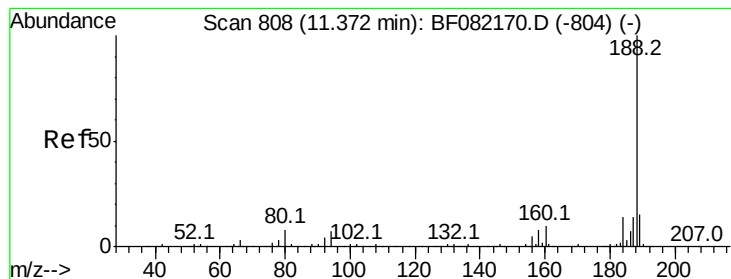
#44
 2-Fluorobiphenyl
 Concen: 94.60 ng
 RT: 9.14 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF082409.D
 Acq: 21 Oct 2015 17:35

Tgt Ion:172 Resp: 1253014
 Ion Ratio Lower Upper
 172 100
 171 36.7 28.6 42.8
 170 24.9 19.7 29.5



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: 11.30 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF082409.D

Acq: 21 Oct 2015 17:35

Instrument :

BNA_F

ClientSampleId :

SP-001-COMP

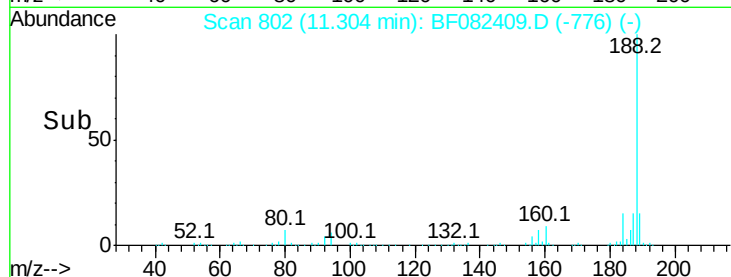
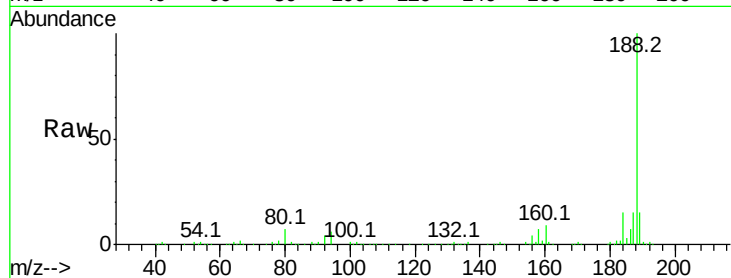
Tot Ion:188 Resp: 455651

Ion Ratio Lower Upper

188 100

94 6.3 5.8 8.6

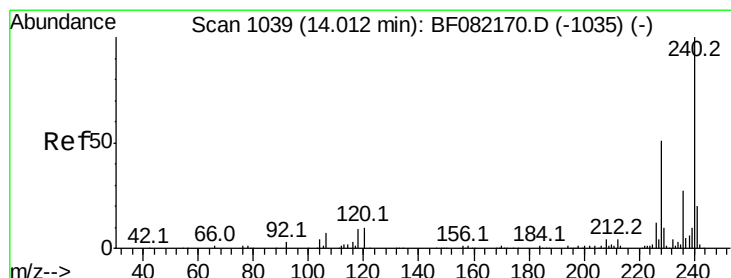
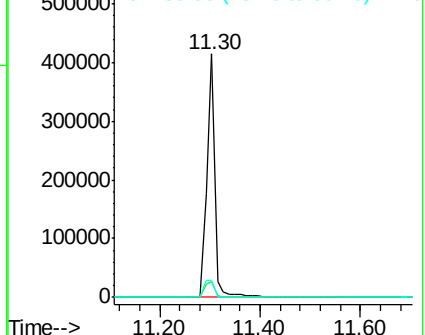
80 6.8 6.4 9.6



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: 14.01 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF082409.D

Acq: 21 Oct 2015 17:35

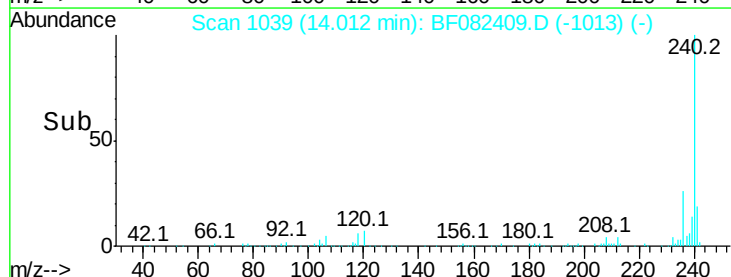
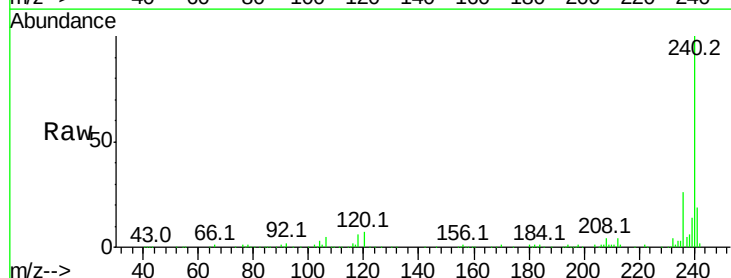
Tgt Ion:240 Resp: 415426

Ion Ratio Lower Upper

240 100

120 7.3 8.1 12.1#

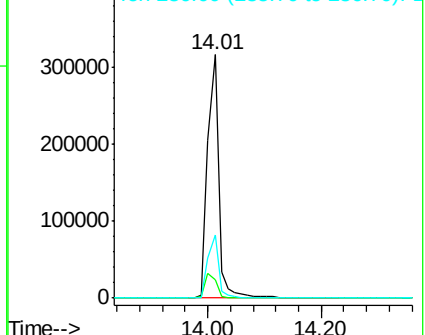
236 25.8 21.3 31.9

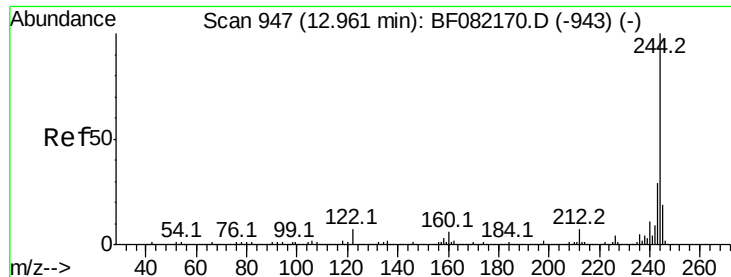


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 78.71 ng

RT: 12.90 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF082409.D

Acq: 21 Oct 2015 17:35

Instrument :

BNA_F

ClientSampleId :

SP-001-COMP

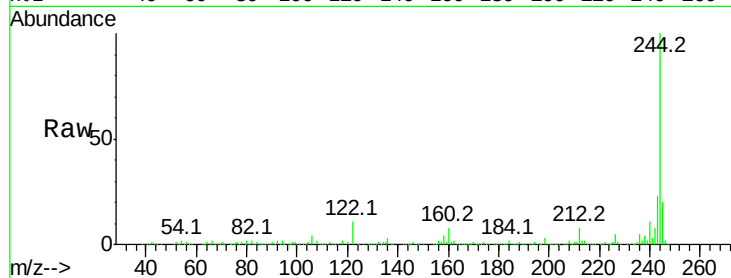
Tot Ion:244 Resp: 1233962

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.6

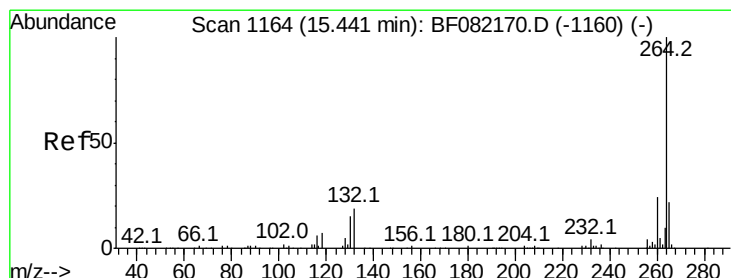
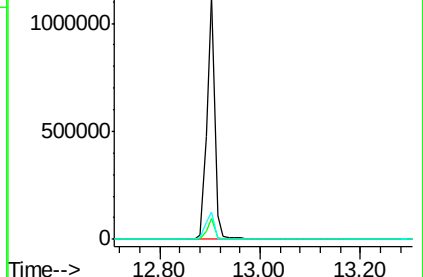
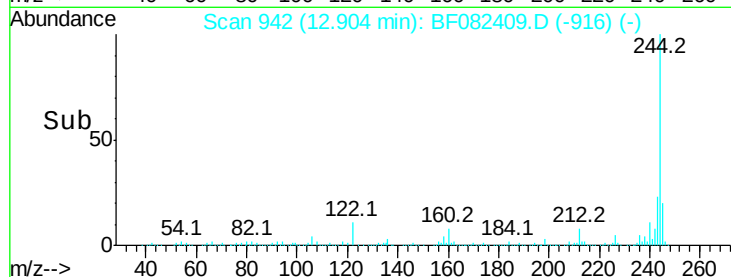
122 11.3 5.9 8.9#



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: 15.56 min Scan# 1174

Delta R.T. 0.02 min

Lab File: BF082409.D

Acq: 21 Oct 2015 17:35

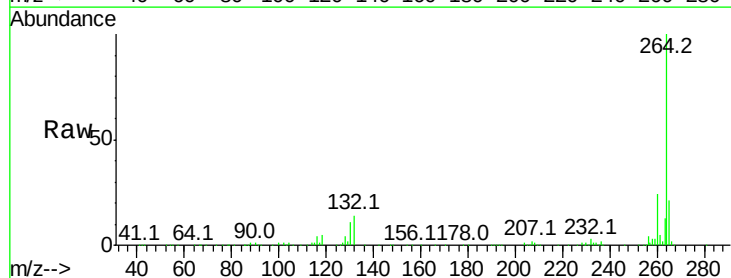
Tgt Ion:264 Resp: 305315

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 21.2 17.3 25.9



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

