

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102115\
 Data File : BF082414.D
 Acq On : 21 Oct 2015 19:59
 Operator : UM/IZ
 Sample : G4101-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S2

Quant Time: Oct 22 10:28:07 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

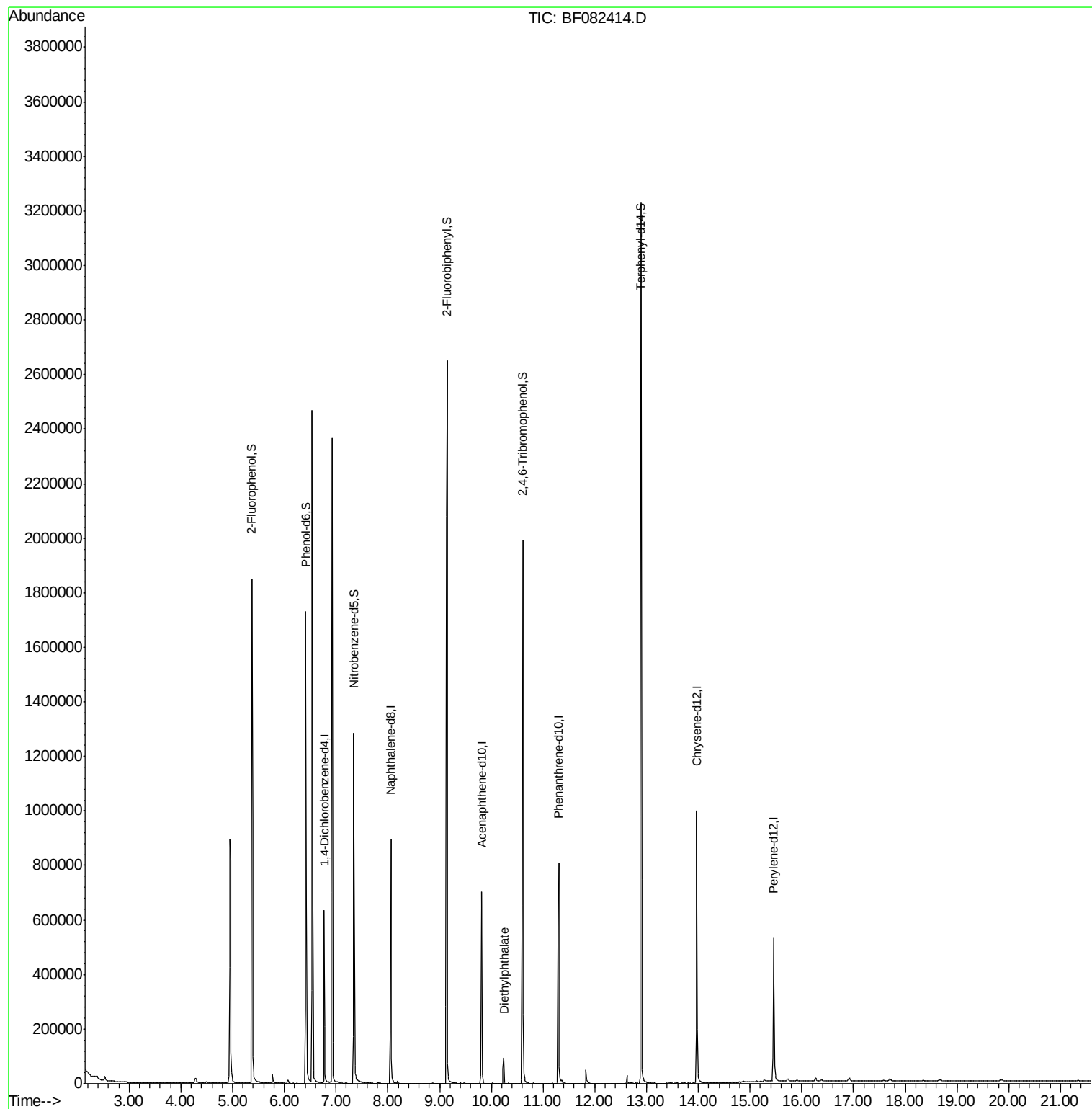
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	112420	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	442472	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	217571	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	452368	20.00	ng	0.00
75) Chrysene-d12	13.97	240	398624	20.00	ng	-0.05
86) Perylene-d12	15.45	264	292283	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	635998	114.18	ng	0.01
7) Phenol-d6	6.41	99	737872	101.79	ng	-0.01
23) Nitrobenzene-d5	7.34	82	554604	84.17	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	224429	109.99	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	1279959	97.56	ng	0.00
78) Terphenyl-d14	12.89	244	1164269	77.40	ng	-0.01
Target Compounds						
59) Diethylphthalate	10.24	149	48672	3.41	ng	Qvalue 98

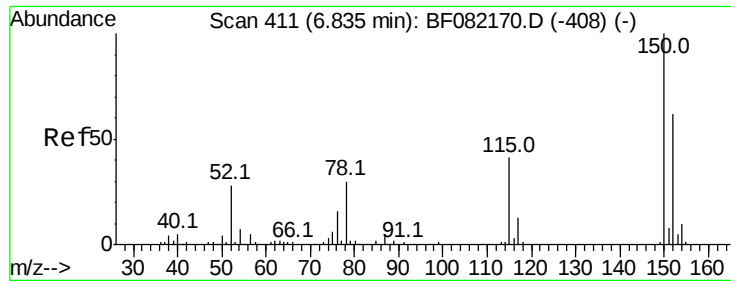
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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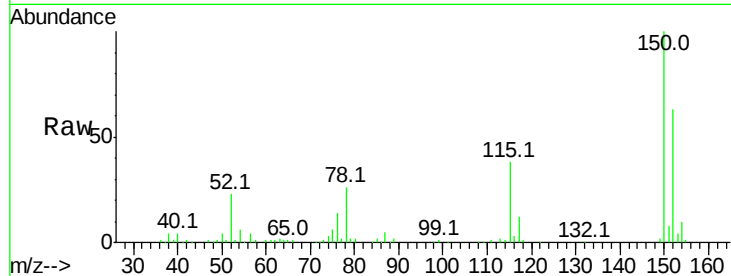


#1

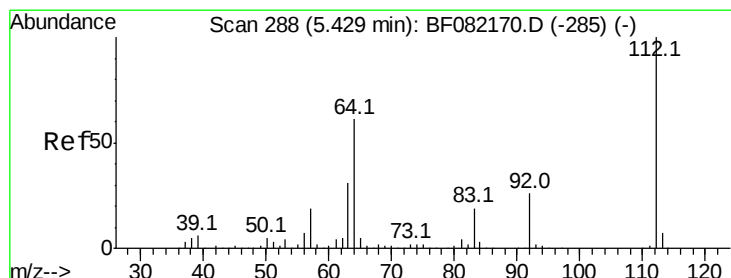
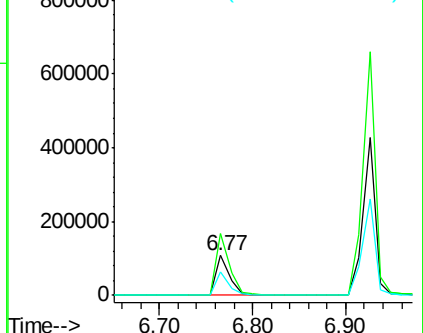
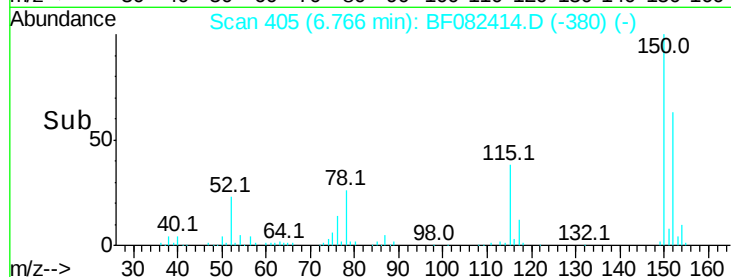
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF082414.D
Acq: 21 Oct 2015 19:59

Instrument :
BNA_F
ClientSampleId :
S2

Tot Ion:152 Resp: 112420
Ion Ratio Lower Upper
152 100
150 158.0 129.0 193.4
115 60.4 52.1 78.1



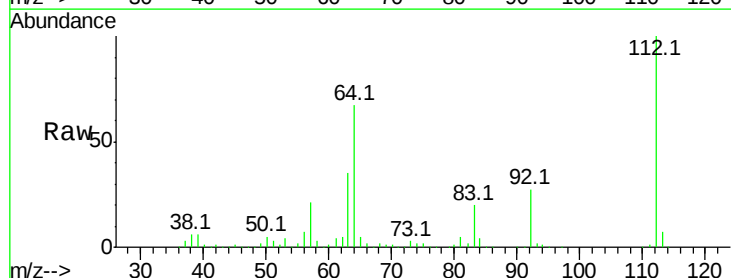
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



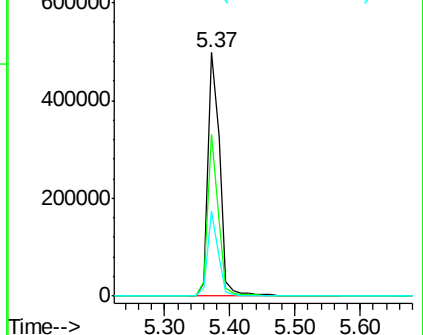
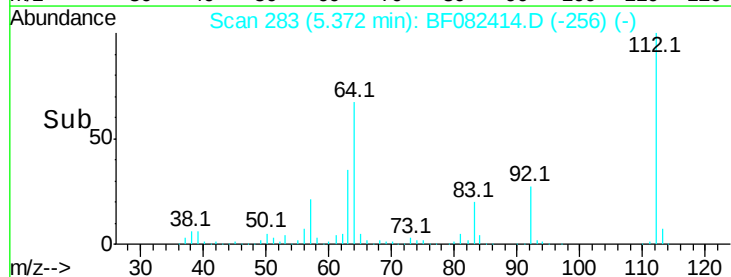
#5

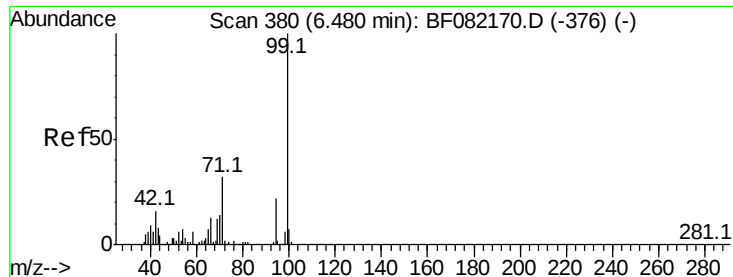
2-Fluorophenol
Concen: 114.18 ng
RT: 5.37 min Scan# 283
Delta R.T. 0.01 min
Lab File: BF082414.D
Acq: 21 Oct 2015 19:59

Tgt Ion:112 Resp: 635998
Ion Ratio Lower Upper
112 100
64 66.5 48.6 73.0
63 35.1 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: 101.79 ng

RT: 6.41 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF082414.D

Acq: 21 Oct 2015 19:59

Instrument :

BNA_F

ClientSampleId :

S2

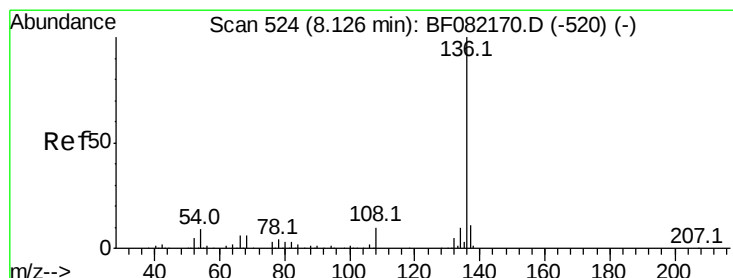
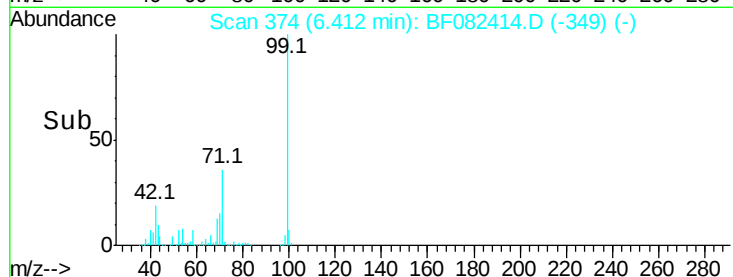
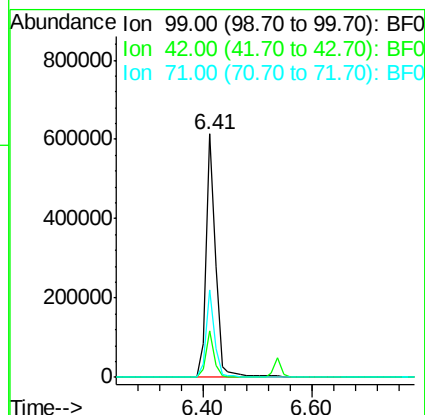
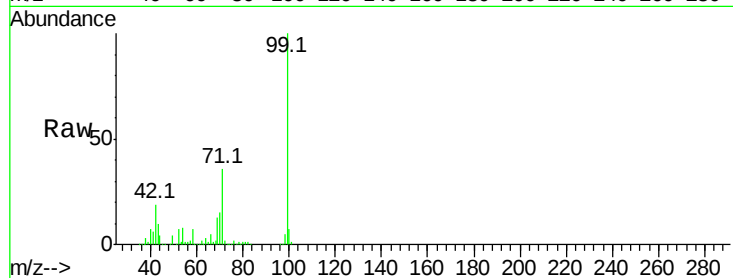
Tot Ion: 99 Resp: 737872

Ion Ratio Lower Upper

99 100

42 19.0 13.2 19.8

71 35.7 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: BF082414.D

Acq: 21 Oct 2015 19:59

Tgt Ion: 136 Resp: 442472

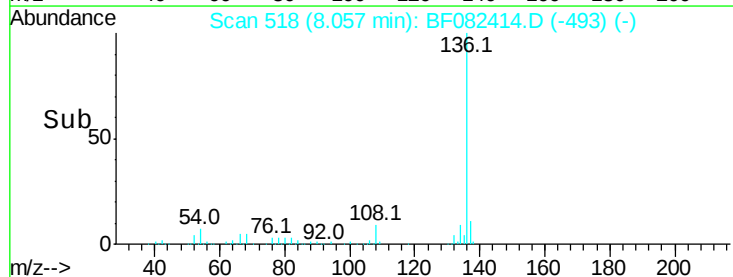
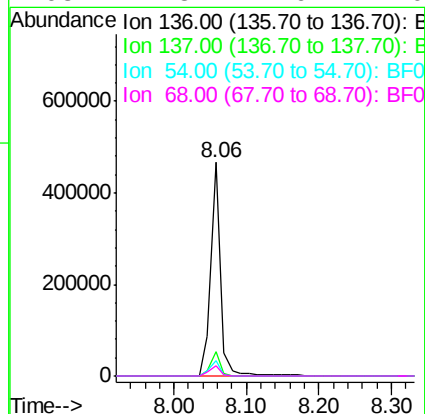
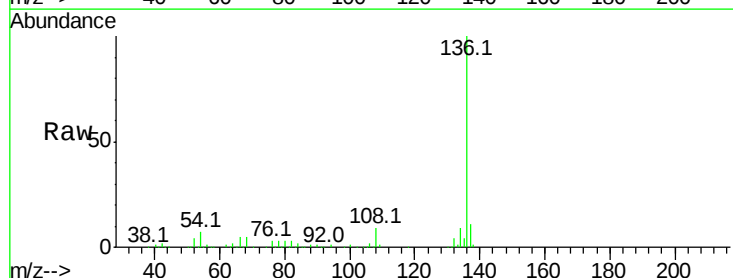
Ion Ratio Lower Upper

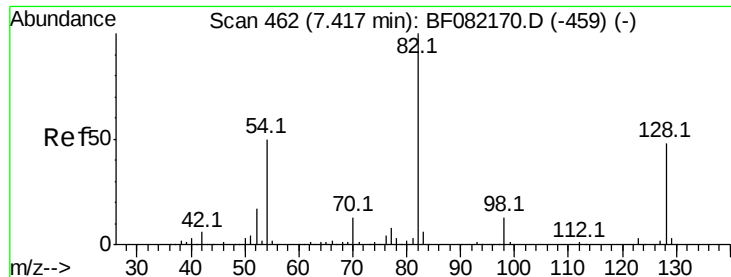
136 100

137 11.2 9.0 13.6

54 7.3 7.5 11.3#

68 4.8 4.6 7.0

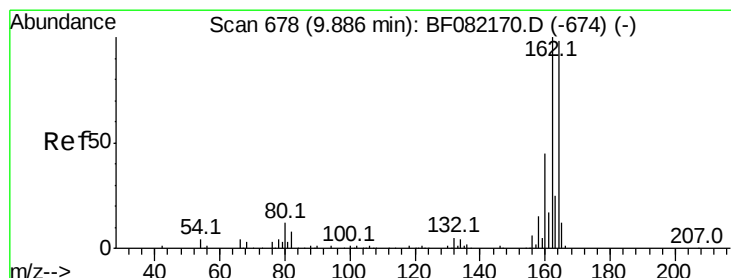
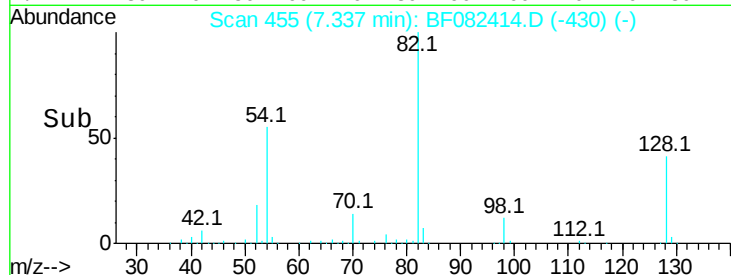
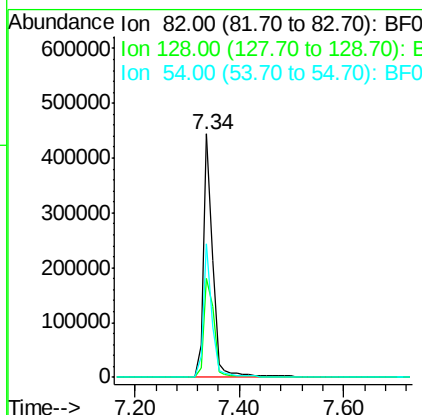
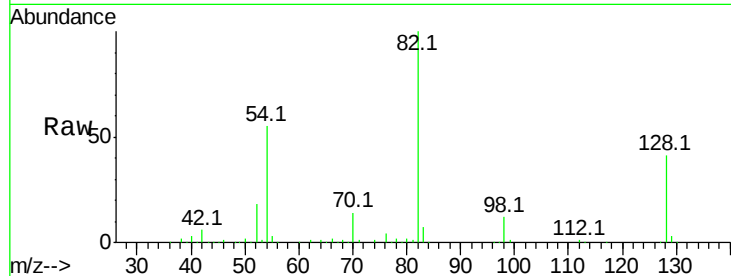




#23
Nitrobenzene-d5
Concen: 84.17 ng
RT: 7.34 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF082414.D
Acq: 21 Oct 2015 19:59

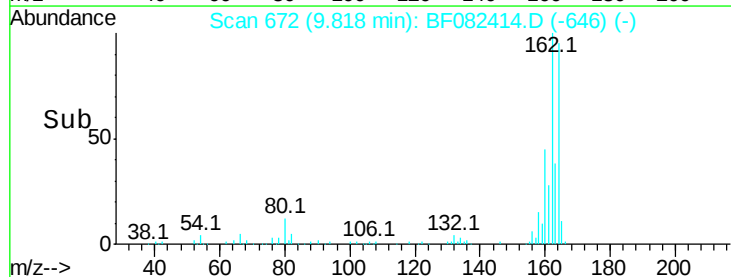
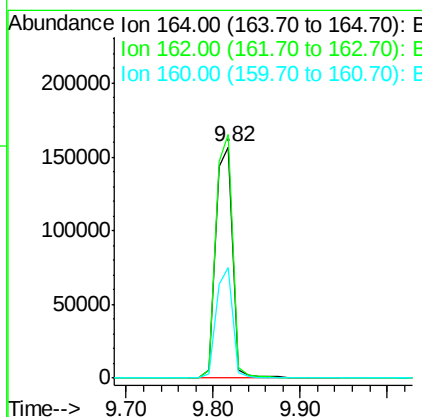
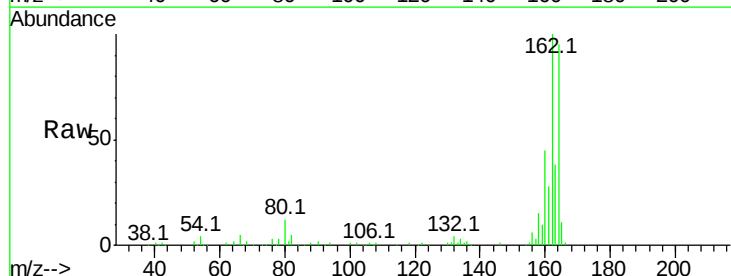
Instrument :
BNA_F
ClientSampled :
S2

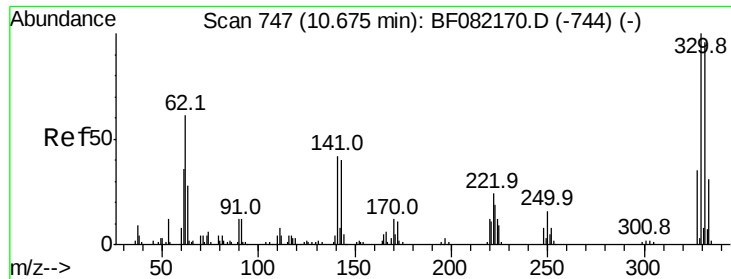
Tot Ion: 82 Resp: 554604
Ion Ratio Lower Upper
82 100
128 40.8 38.7 58.1
54 55.0 40.1 60.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF082414.D
Acq: 21 Oct 2015 19:59

Tgt Ion:164 Resp: 217571
Ion Ratio Lower Upper
164 100
162 105.4 81.6 122.4
160 47.6 36.4 54.6

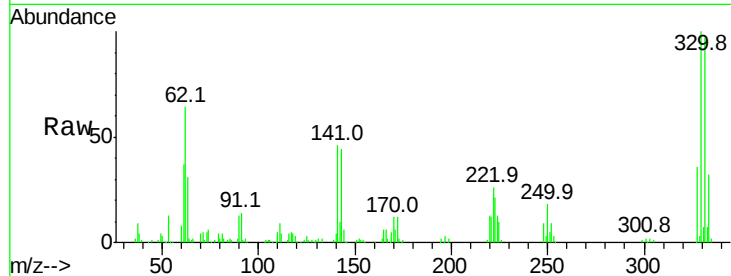




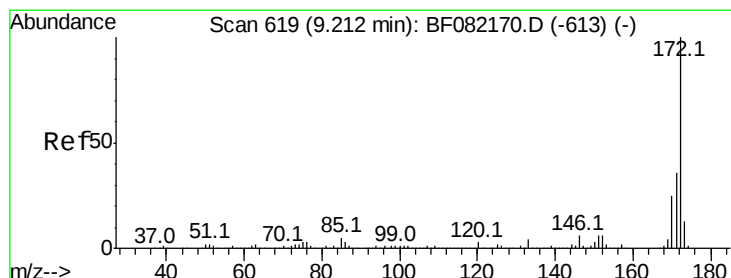
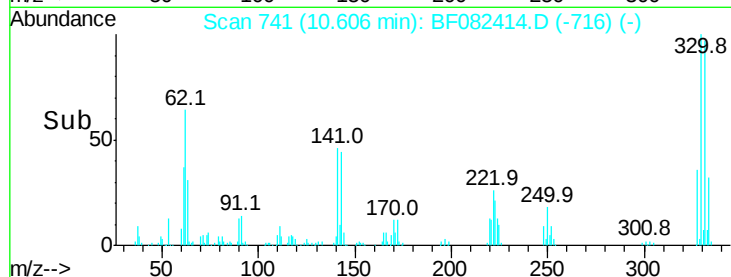
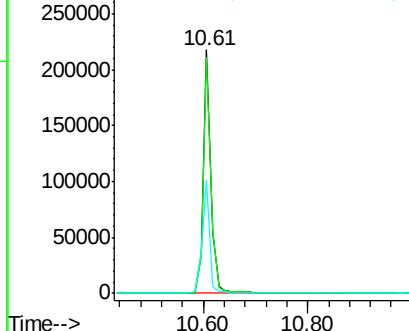
#41
 2,4,6-Tribromophenol
 Concen: 109.99 ng
 RT: 10.61 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF082414.D
 Acq: 21 Oct 2015 19:59

Instrument :
 BNA_F
 ClientSampled :
 S2

Tot Ion:330 Resp: 224429
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.1 115.7
 141 46.2 29.8 44.8#

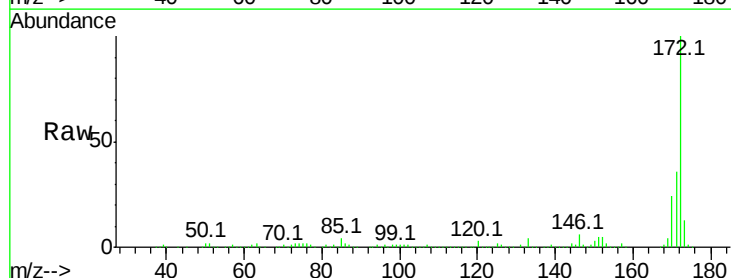


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

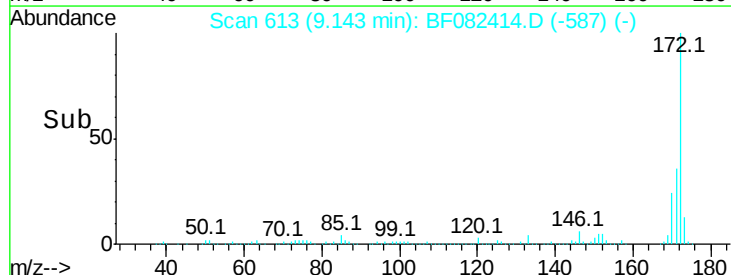
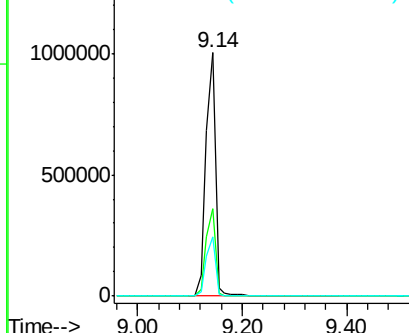


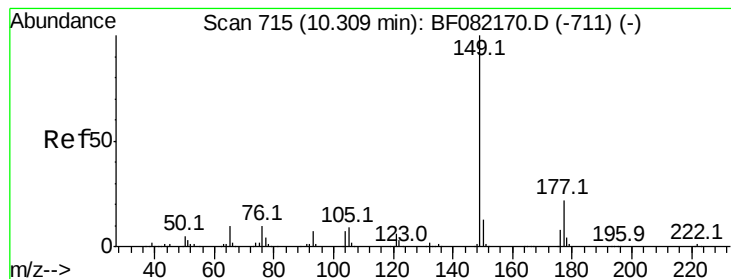
#44
 2-Fluorobiphenyl
 Concen: 97.56 ng
 RT: 9.14 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF082414.D
 Acq: 21 Oct 2015 19:59

Tgt Ion:172 Resp: 1279959
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.6 42.8
 170 24.3 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





#59

Diethylphthalate

Concen: 3.41 ng

RT: 10.24 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF082414.D

Acq: 21 Oct 2015 19:59

Instrument :

BNA_F

ClientSampleId :

S2

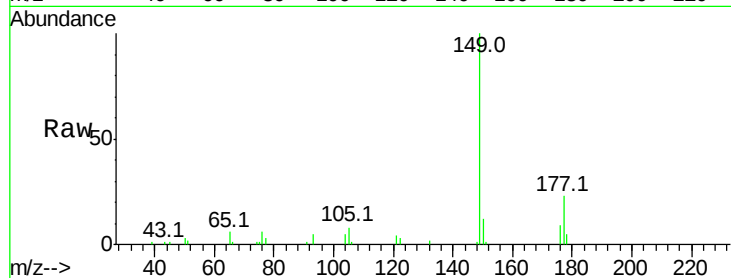
Tot Ion:149 Resp: 48672

Ion Ratio Lower Upper

149 100

177 23.3 17.6 26.4

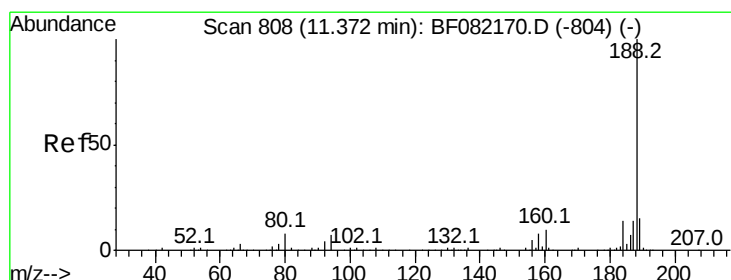
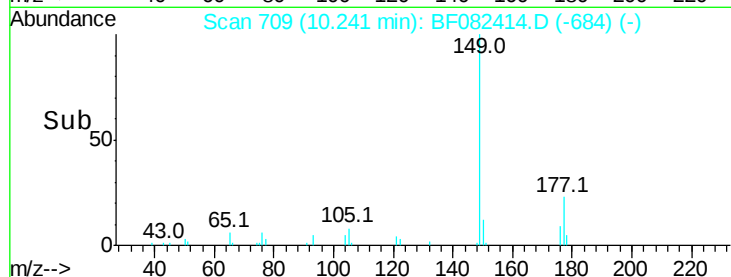
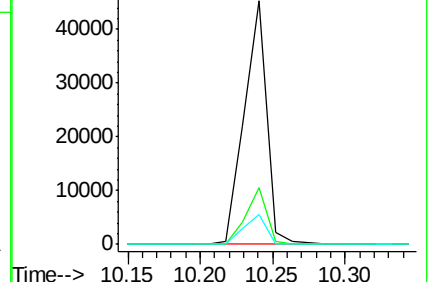
150 12.3 10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.30 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF082414.D

Acq: 21 Oct 2015 19:59

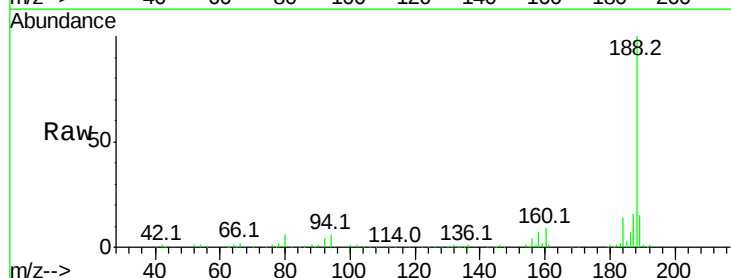
Tgt Ion:188 Resp: 452368

Ion Ratio Lower Upper

188 100

94 6.1 5.8 8.6

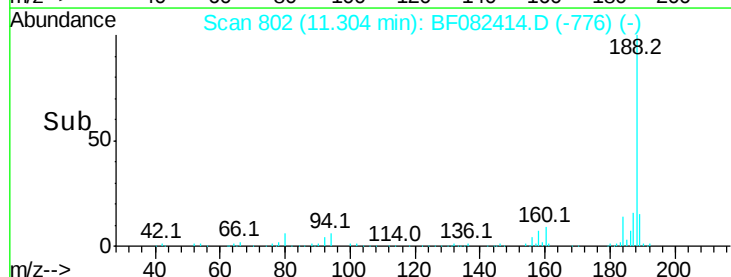
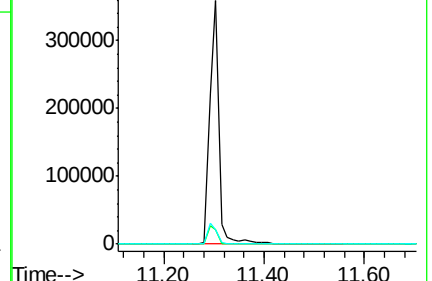
80 6.0 6.4 9.6#

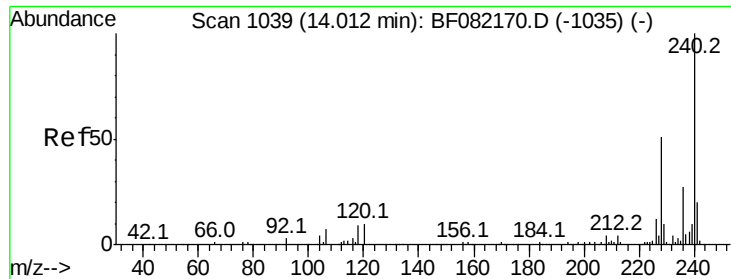


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

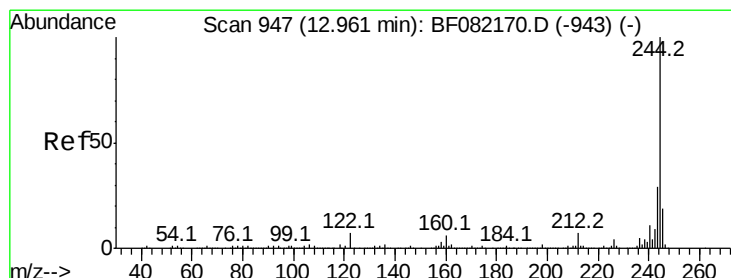
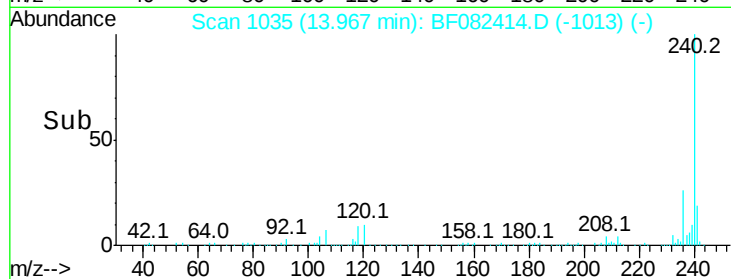
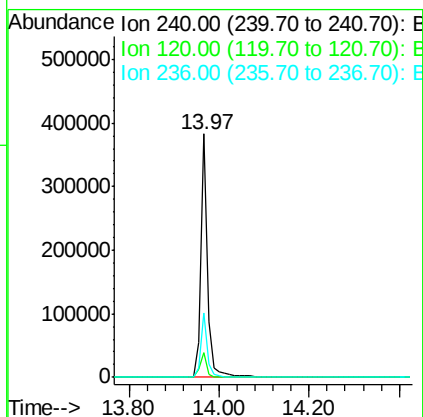
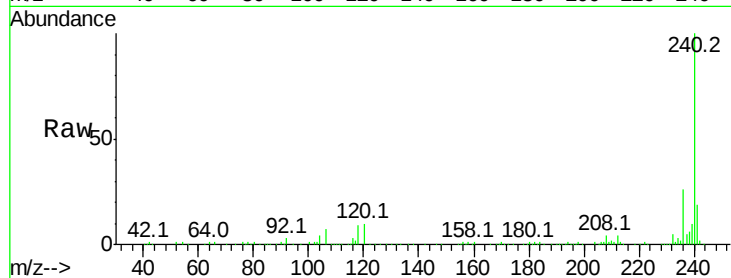




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.97 min Scan# 1035
 Delta R.T. -0.05 min
 Lab File: BF082414.D
 Acq: 21 Oct 2015 19:59

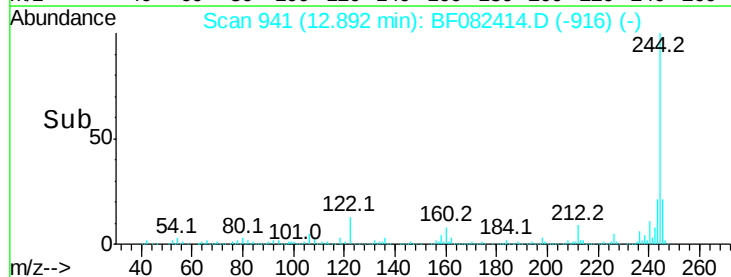
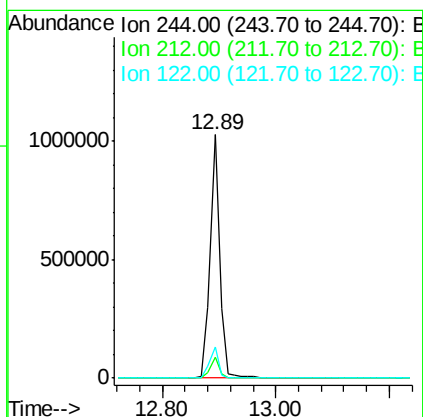
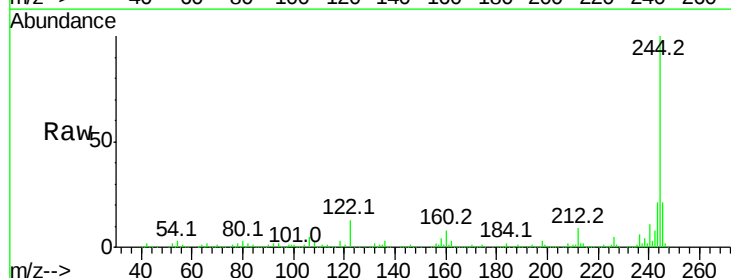
Instrument :
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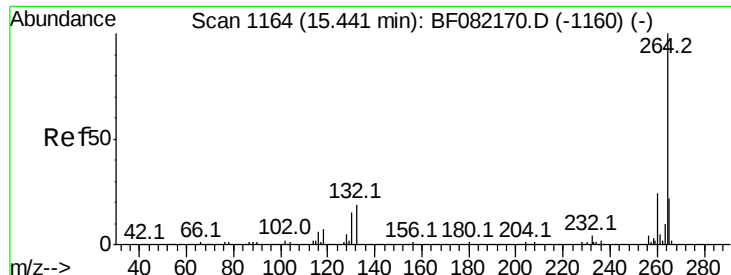
Tot Ion:240 Resp: 398624
 Ion Ratio Lower Upper
 240 100
 120 10.3 8.1 12.1
 236 26.2 21.3 31.9



#78
 Terphenyl-d14
 Concen: 77.40 ng
 RT: 12.89 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BF082414.D
 Acq: 21 Oct 2015 19:59

Tgt Ion:244 Resp: 1164269
 Ion Ratio Lower Upper
 244 100
 212 8.7 5.8 8.6#
 122 13.0 5.9 8.9#

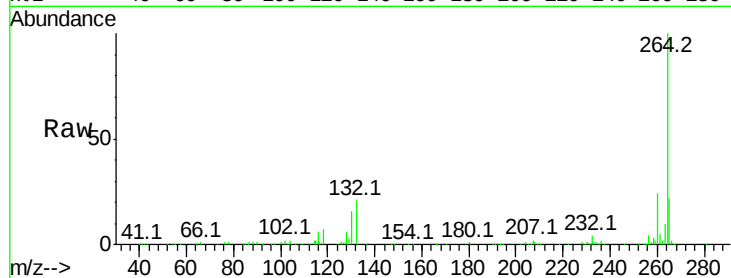




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1165
 Delta R.T. -0.08 min
 Lab File: BF082414.D
 Acq: 21 Oct 2015 19:59

Instrument :
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 ClientSampleId :
 S2

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.6
265	21.9	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

