

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
 Data File : BF082282.D
 Acq On : 14 Oct 2015 16:33
 Operator : UM/IZ
 Sample : G4015-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LF-3

Quant Time: Oct 15 03:04:03 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 15 01:42:16 2015
 Response via : Initial Calibration

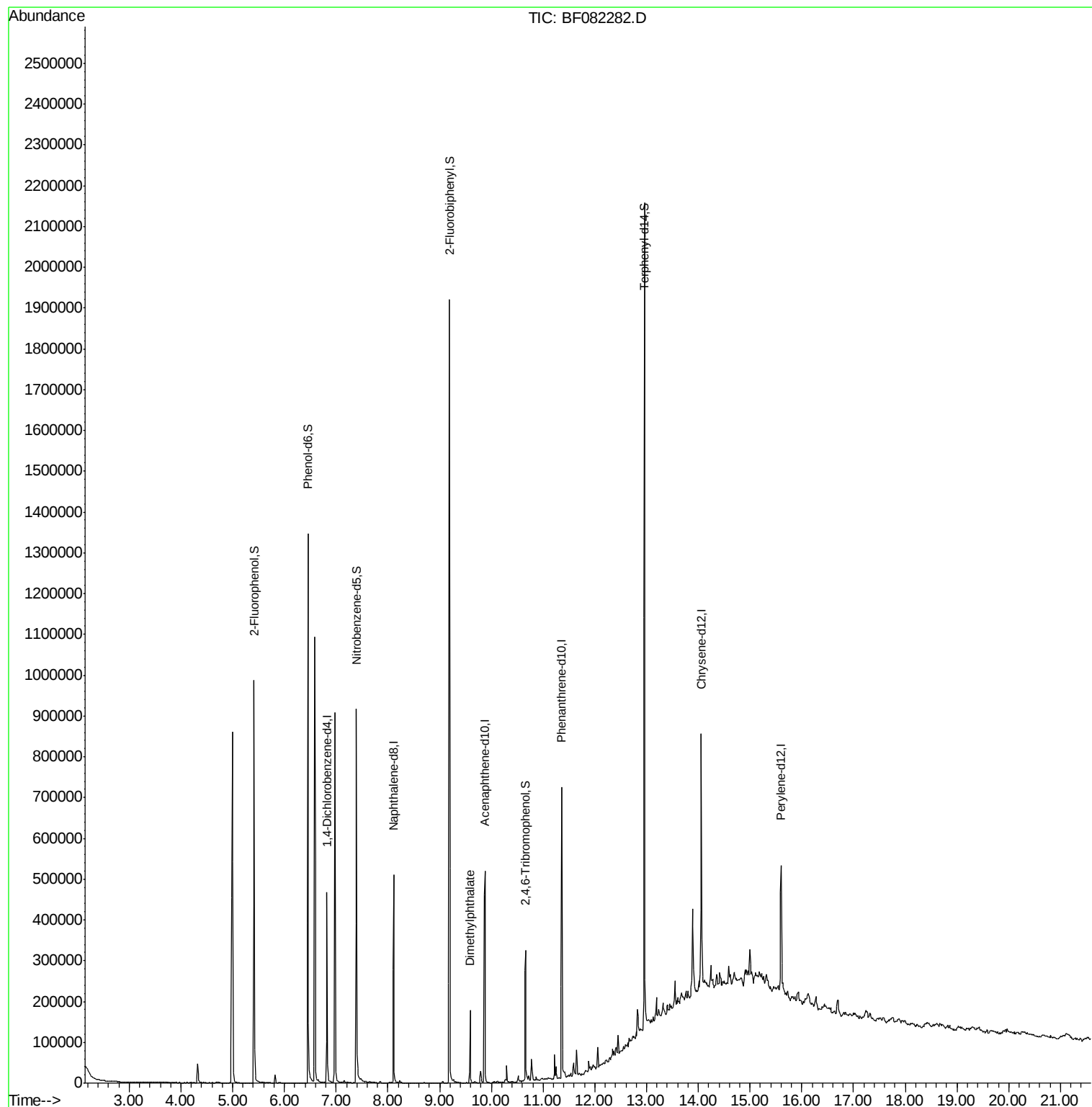
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	79378	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	306312	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	154998	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	314939	20.00	ng	0.00
75) Chrysene-d12	14.06	240	263704	20.00	ng	-0.07
86) Perylene-d12	15.60	264	185886	20.00	ng	-0.14
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	313463	79.70	ng	0.01
7) Phenol-d6	6.46	99	499917	97.67	ng	-0.01
23) Nitrobenzene-d5	7.39	82	362843	79.55	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	59804	41.14	ng	-0.01
44) 2-Fluorobiphenyl	9.19	172	678634	72.61	ng	-0.01
78) Terphenyl-d14	12.96	244	791079	79.49	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.59	163	74898	6.86	ng	Qvalue 98

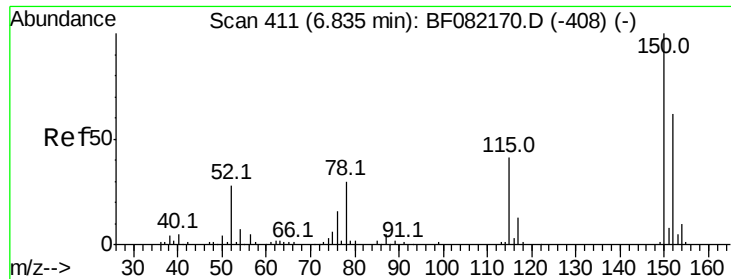
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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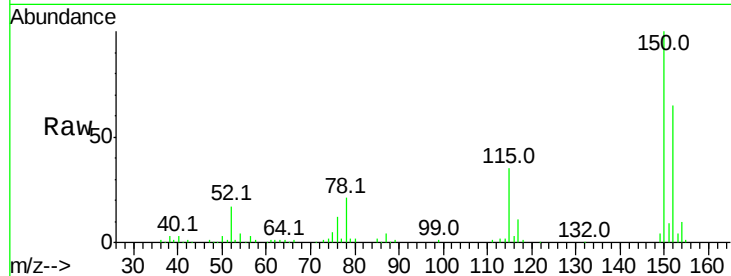


#1

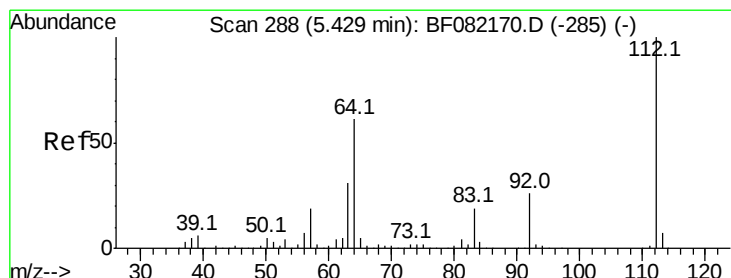
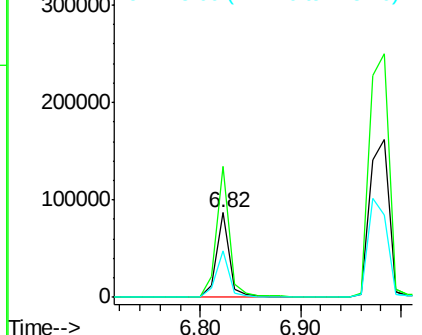
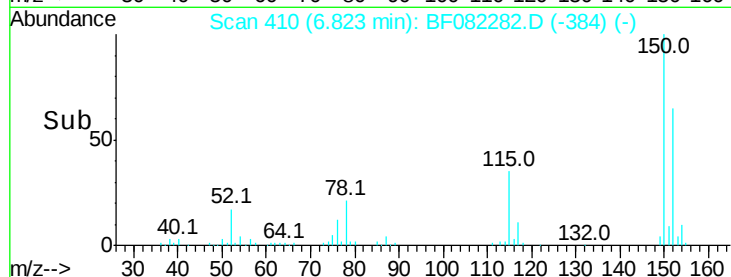
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF082282.D
Acq: 14 Oct 2015 16:33

Instrument :
BNA_F
ClientSampleId :
LF-3

Tot Ion:152 Resp: 79378
Ion Ratio Lower Upper
152 100
150 154.8 129.0 193.4
115 54.1 52.1 78.1



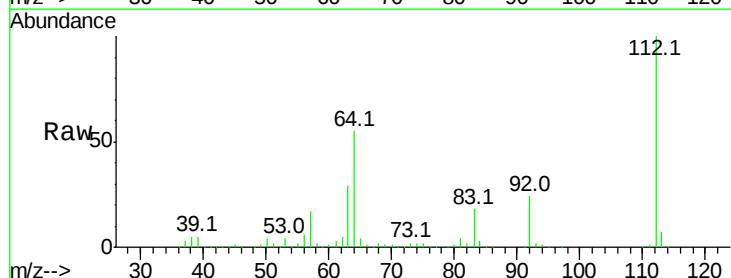
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



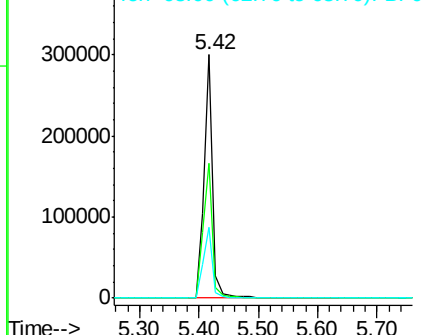
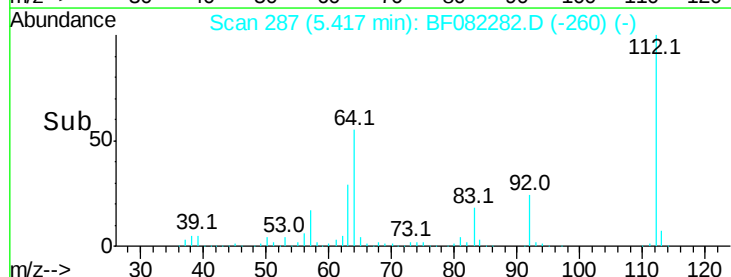
#5

2-Fluorophenol
Concen: 79.70 ng
RT: 5.42 min Scan# 287
Delta R.T. 0.01 min
Lab File: BF082282.D
Acq: 14 Oct 2015 16:33

Tgt Ion:112 Resp: 313463
Ion Ratio Lower Upper
112 100
64 55.2 48.6 73.0
63 29.1 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: 97.67 ng

RT: 6.46 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082282.D

Acq: 14 Oct 2015 16:33

Instrument :

BNA_F

ClientSampleId :

LF-3

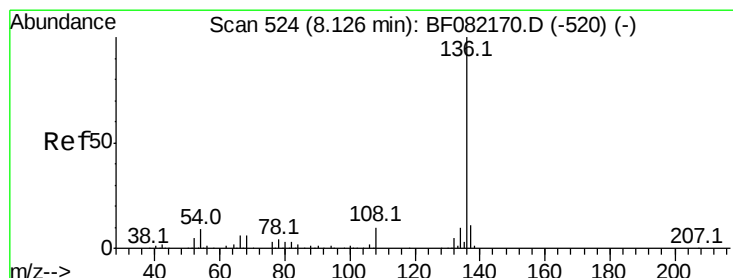
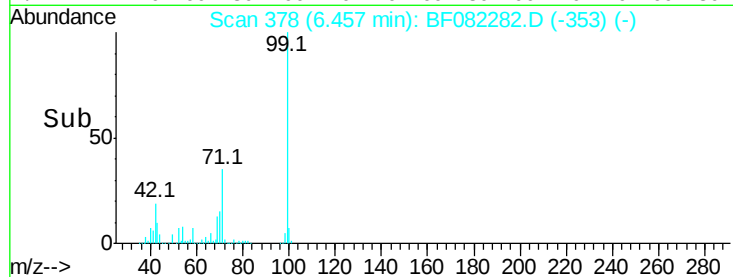
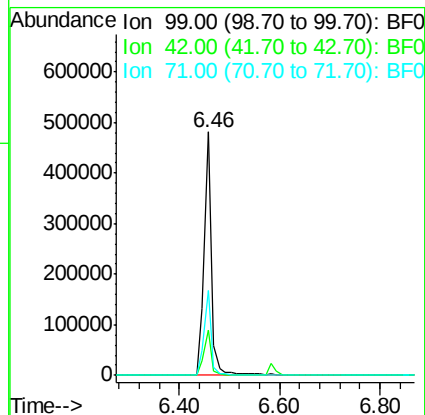
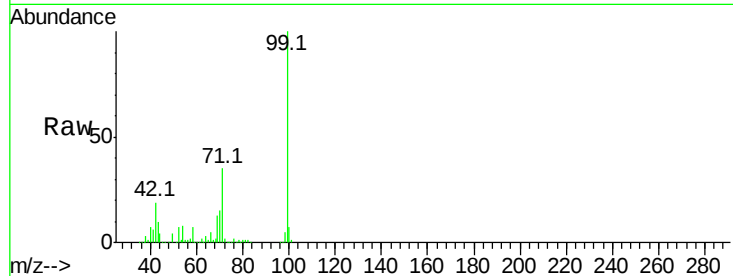
Tot Ion: 99 Resp: 499917

Ion Ratio Lower Upper

99 100

42 18.6 13.2 19.8

71 35.0 25.6 38.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF082282.D

Acq: 14 Oct 2015 16:33

Tgt Ion: 136 Resp: 306312

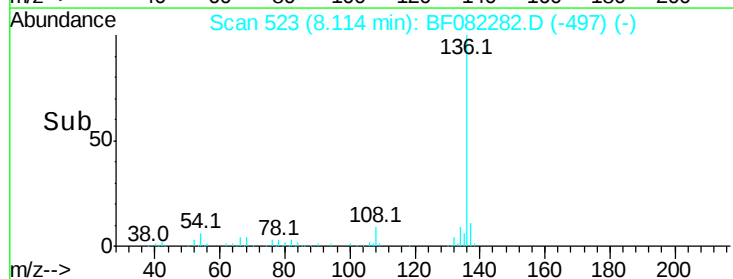
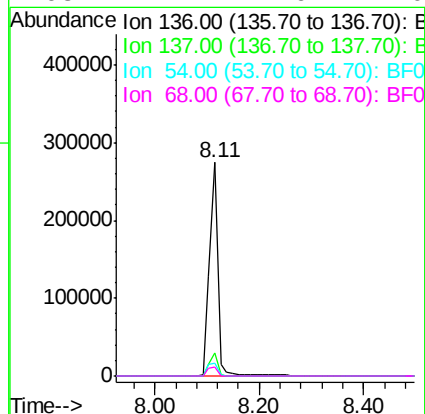
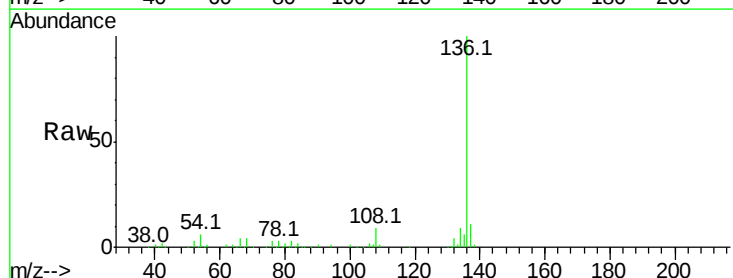
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.6

54 6.0 7.5 11.3#

68 4.1 4.6 7.0#

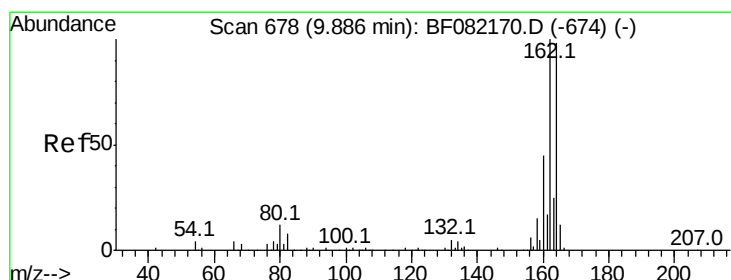
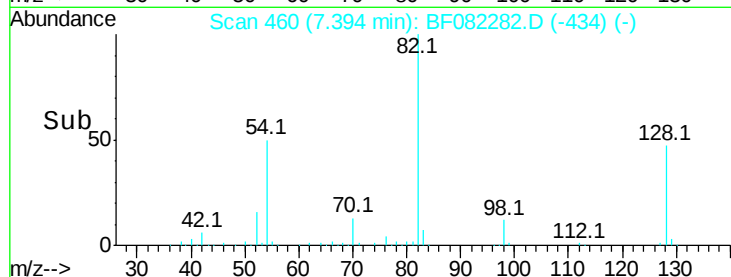
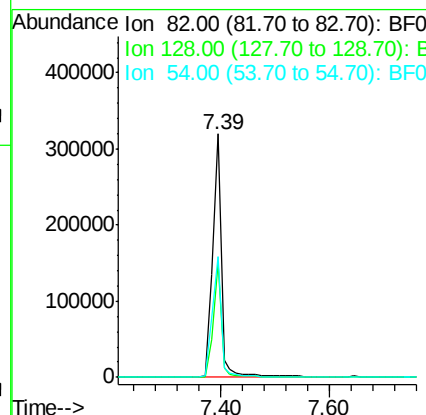
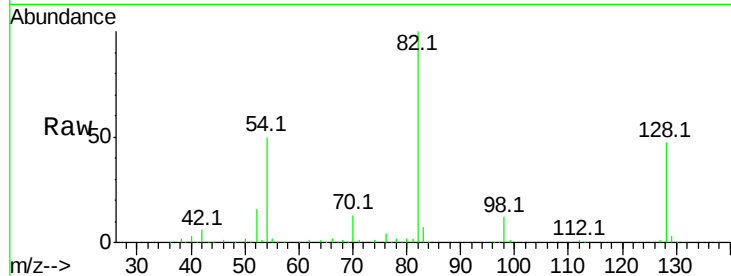




#23
Nitrobenzene-d5
Concen: 79.55 ng
RT: 7.39 min Scan# 460
Delta R.T. -0.00 min
Lab File: BF082282.D
Acq: 14 Oct 2015 16:33

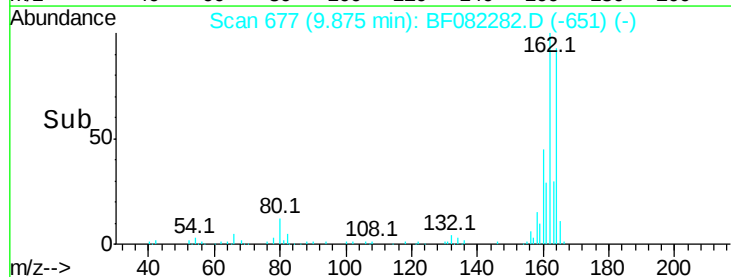
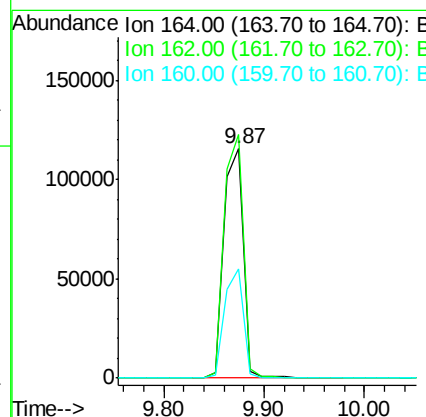
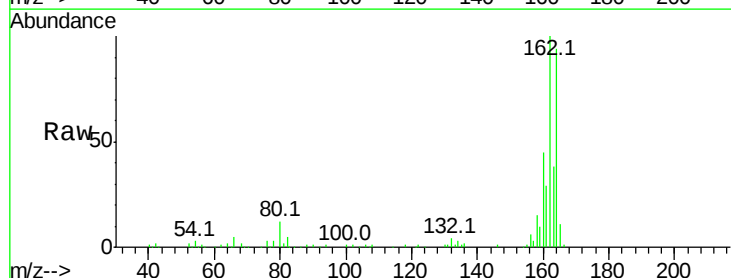
Instrument :
BNA_F
ClientSampleId :
LF-3

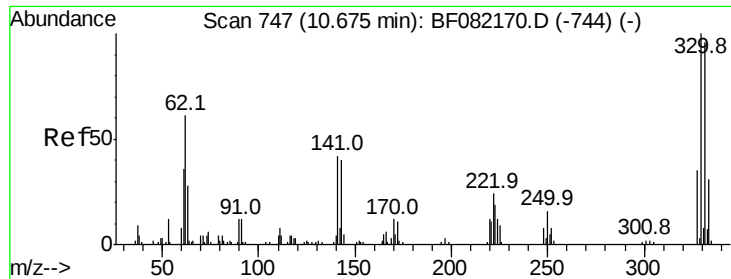
Tot Ion: 82 Resp: 362843
Ion Ratio Lower Upper
82 100
128 47.2 38.7 58.1
54 49.8 40.1 60.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF082282.D
Acq: 14 Oct 2015 16:33

Tgt Ion:164 Resp: 154998
Ion Ratio Lower Upper
164 100
162 106.4 81.6 122.4
160 47.4 36.4 54.6

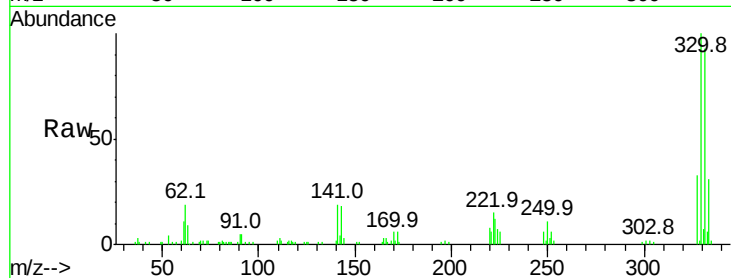




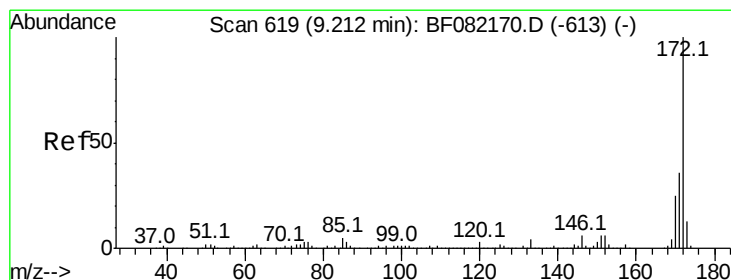
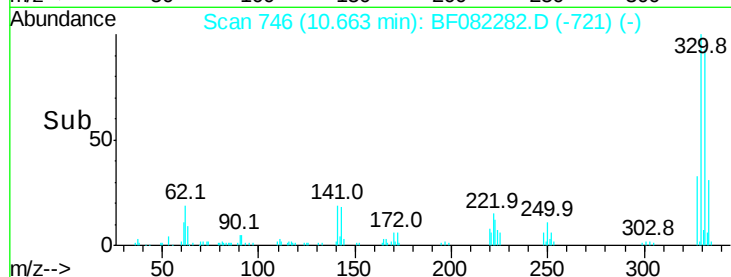
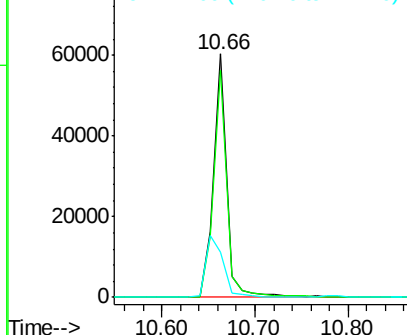
#41
 2,4,6-Tribromophenol
 Concen: 41.14 ng
 RT: 10.66 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF082282.D
 Acq: 14 Oct 2015 16:33

Instrument :
 BNA_F
 ClientSampleId :
 LF-3

Tot Ion:330 Resp: 59804
 Ion Ratio Lower Upper
 330 100
 332 93.7 77.1 115.7
 141 33.6 29.8 44.8

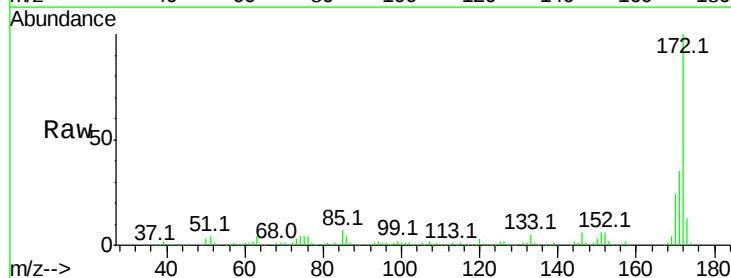


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

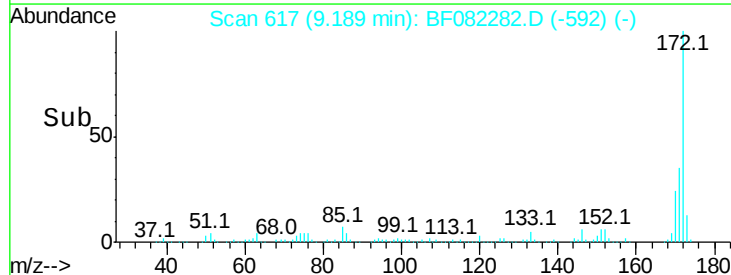
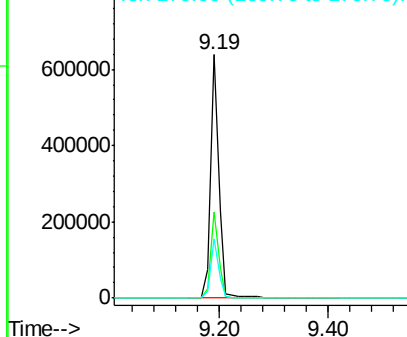


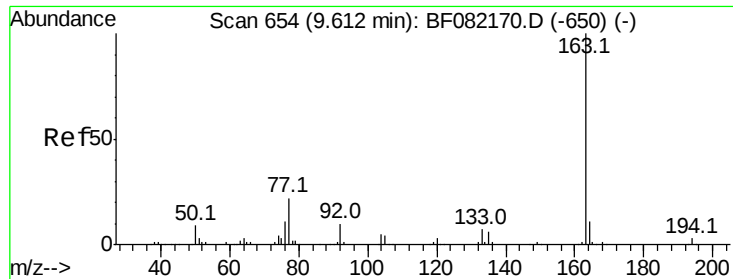
#44
 2-Fluorobiphenyl
 Concen: 72.61 ng
 RT: 9.19 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF082282.D
 Acq: 14 Oct 2015 16:33

Tgt Ion:172 Resp: 678634
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.6 42.8
 170 24.2 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

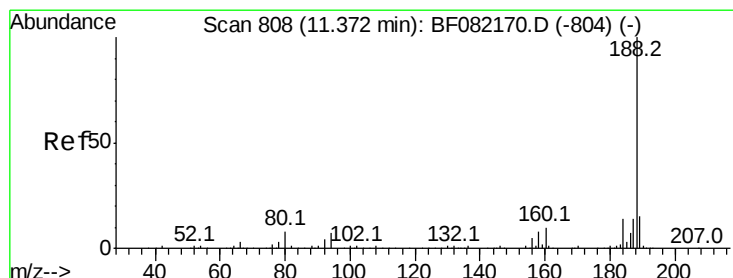
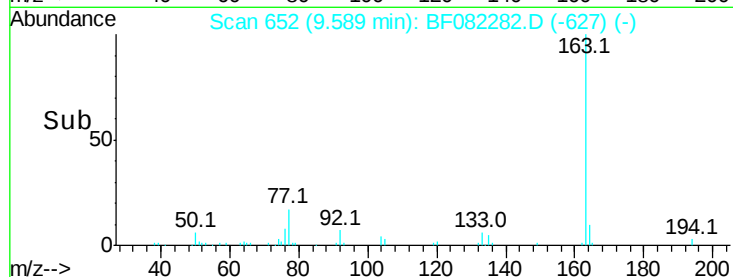
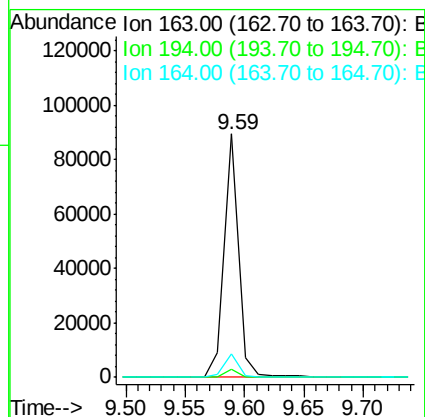
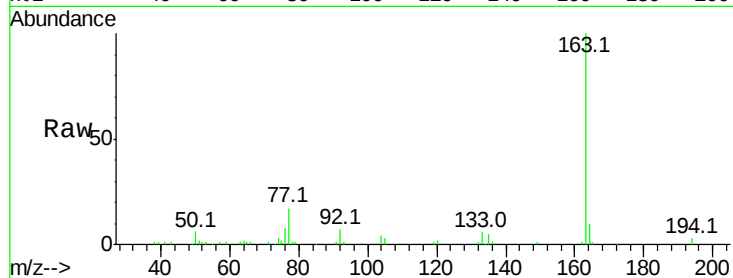




#49
Dimethylphthalate
Concen: 6.86 ng
RT: 9.59 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF082282.D
Acq: 14 Oct 2015 16:33

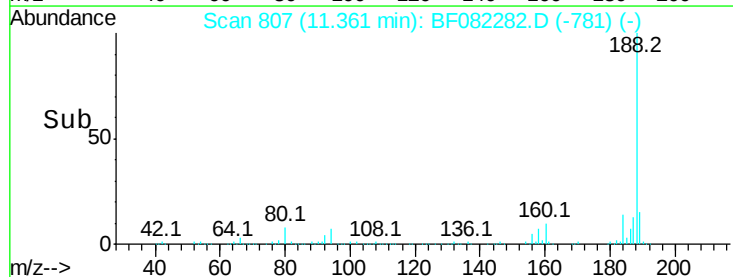
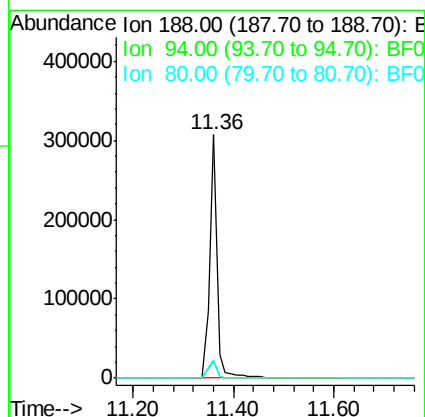
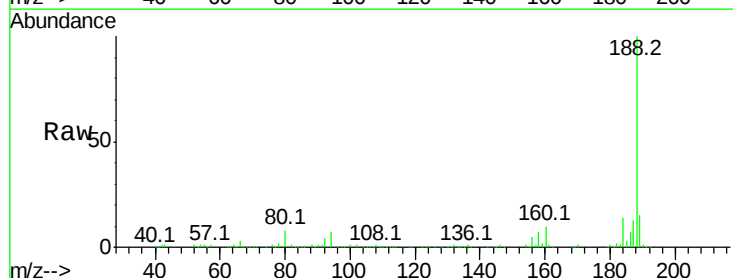
Instrument :
BNA_F
ClientSampleId :
LF-3

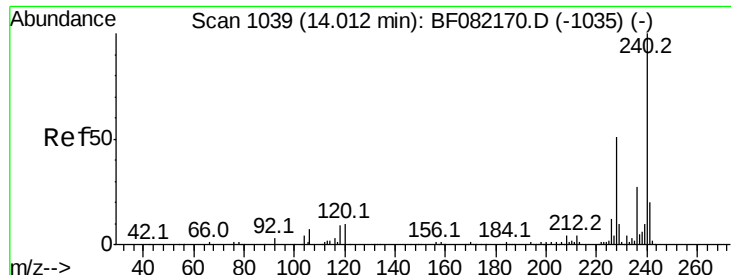
Tot Ion:163 Resp: 74898
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 9.7 8.5 12.7



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF082282.D
Acq: 14 Oct 2015 16:33

Tgt Ion:188 Resp: 314939
Ion Ratio Lower Upper
188 100
94 6.9 5.8 8.6
80 7.5 6.4 9.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 1043

Delta R.T. -0.07 min

Lab File: BF082282.D

Acq: 14 Oct 2015 16:33

Instrument :

BNA_F

ClientSampleId :

LF-3

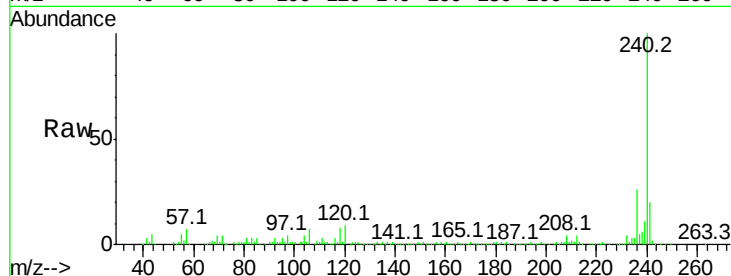
Tot Ion:240 Resp: 263704

Ion Ratio Lower Upper

240 100

120 9.3 8.1 12.1

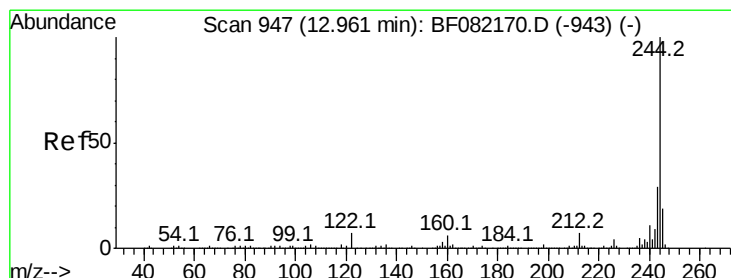
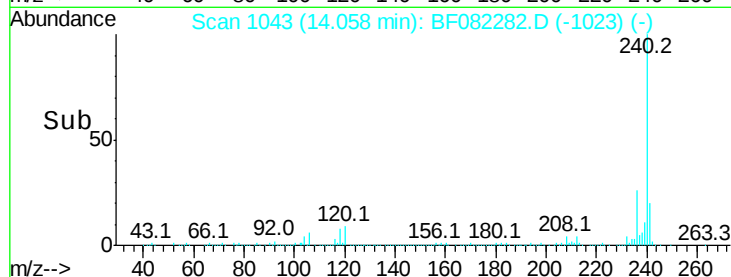
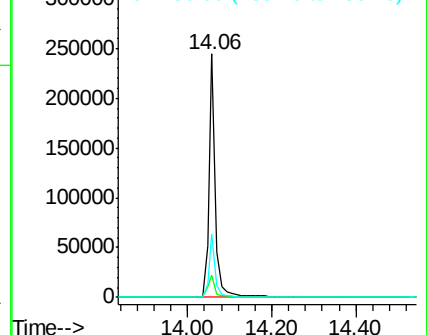
236 25.7 21.3 31.9



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: 79.49 ng

RT: 12.96 min Scan# 947

Delta R.T. -0.02 min

Lab File: BF082282.D

Acq: 14 Oct 2015 16:33

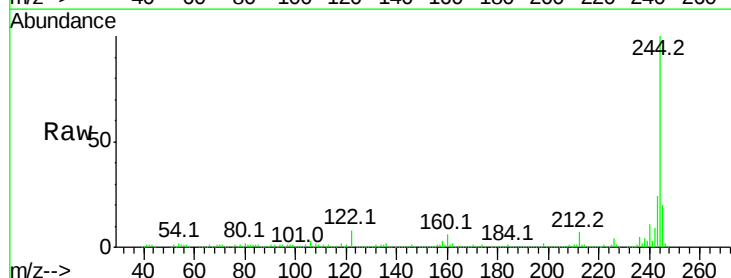
Tgt Ion:244 Resp: 791079

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

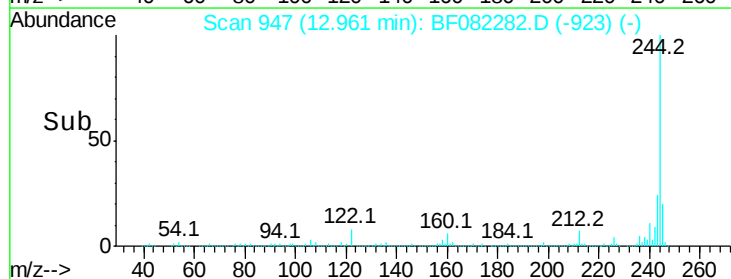
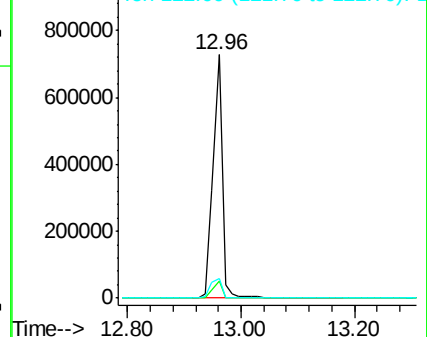
122 8.1 5.9 8.9

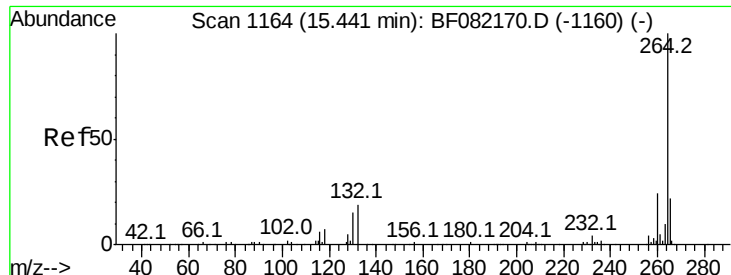


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

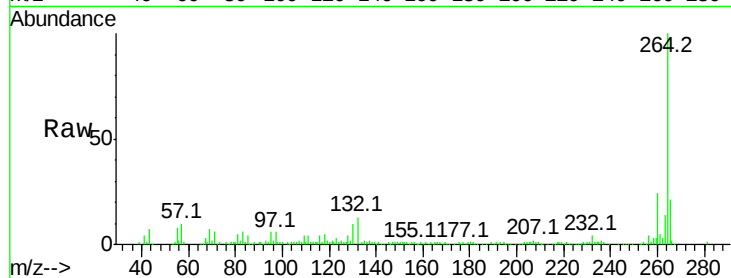




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.60 min Scan# 1178
 Delta R.T. -0.14 min
 Lab File: BF082282.D
 Acq: 14 Oct 2015 16:33

Instrument :
 BNA_F
 ClientSampleId :
 LF-3

Tot Ion: 264 Resp: 185886
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.6
 265 21.3 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

