

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102616\
 Data File : BF090852.D
 Acq On : 26 Oct 2016 20:49
 Operator : UM/SJ
 Sample : H5382-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Quant Time: Oct 27 02:22:28 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 16:35:31 2016
 Response via : Initial Calibration

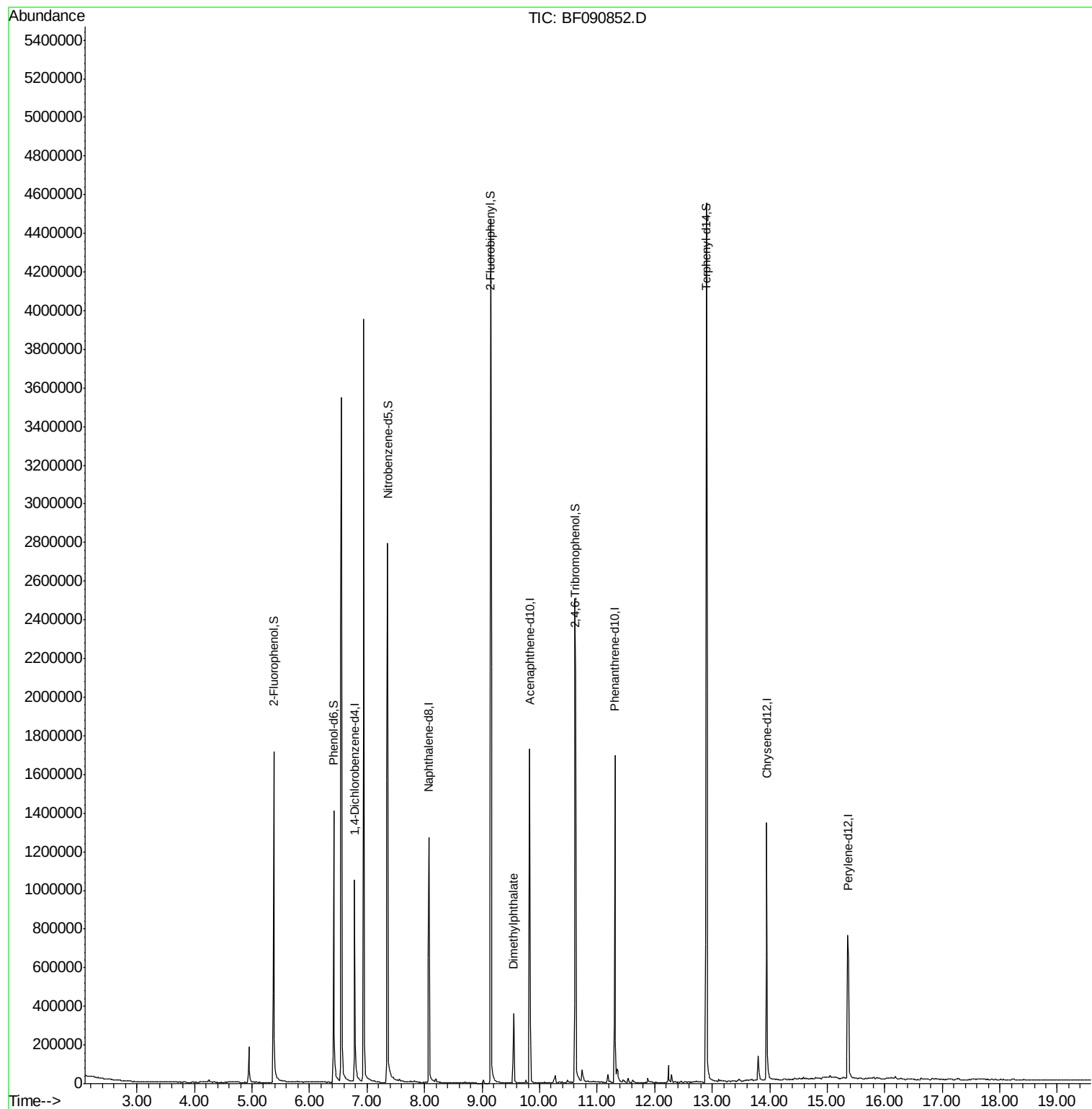
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	175117	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	753800	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	376510	20.00	ng	-0.02
63) Phenanthrene-d10	11.31	188	667612	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	561825	20.00	ng	-0.01
86) Perylene-d12	15.36	264	411919	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	587423	58.65	ng	-0.01
7) Phenol-d6	6.42	99	526272	38.95	ng	-0.02
23) Nitrobenzene-d5	7.36	82	1283296	111.45	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	583056	150.69	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	1946417	90.78	ng	-0.02
78) Terphenyl-d14	12.90	244	1847117	82.83	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.55	163	179698	7.14	ng	Qvalue # 97

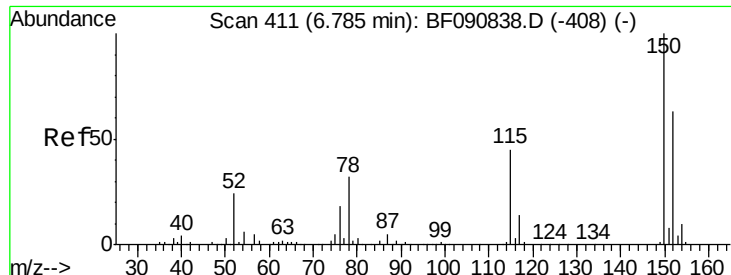
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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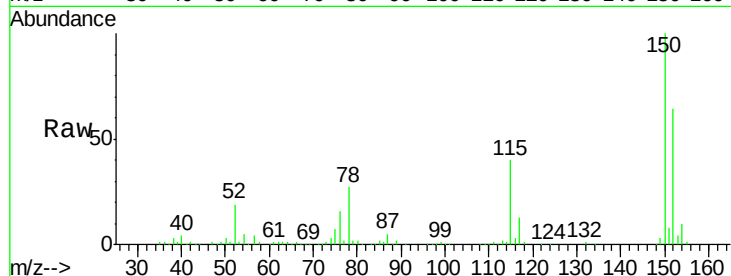


#1

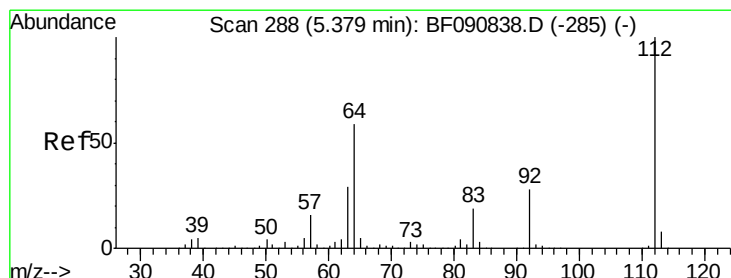
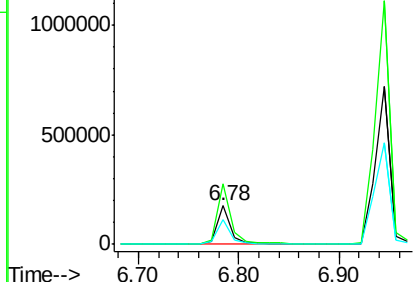
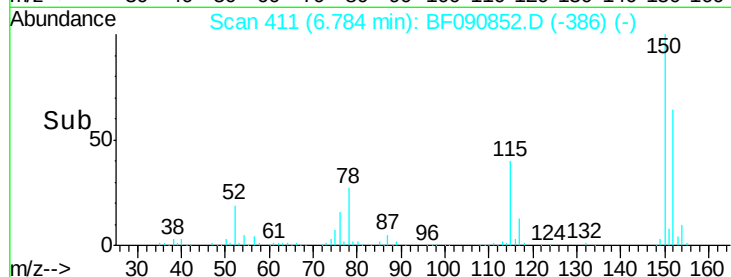
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.01 min
Lab File: BF090852.D
Acq: 26 Oct 2016 20:49

Instrument :
BNA_F
ClientSampleId :
DSN001

Tot Ion:152 Resp: 175117
Ion Ratio Lower Upper
152 100
150 156.2 124.7 187.1
115 62.9 39.0 58.4#



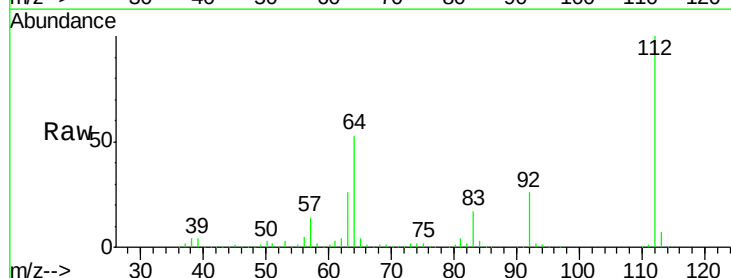
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



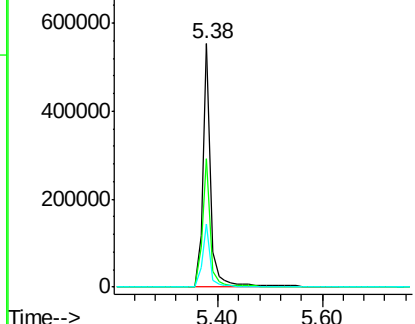
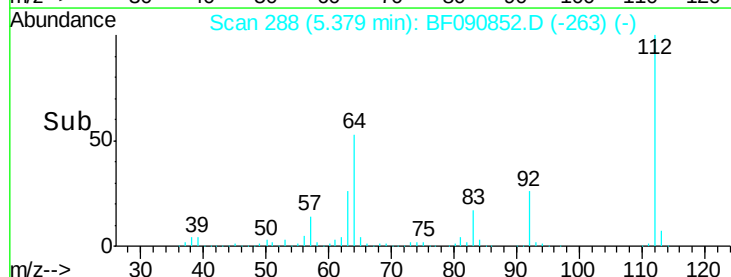
#5

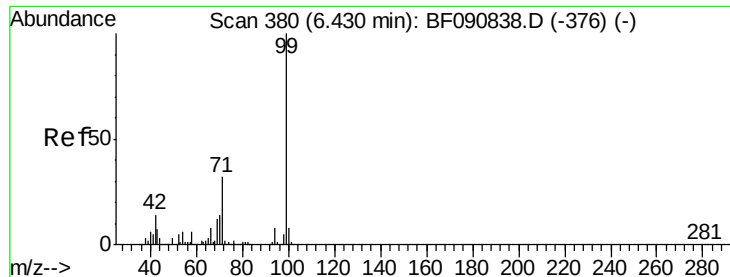
2-Fluorophenol
Concen: 58.65 ng
RT: 5.38 min Scan# 288
Delta R.T. -0.01 min
Lab File: BF090852.D
Acq: 26 Oct 2016 20:49

Tgt Ion:112 Resp: 587423
Ion Ratio Lower Upper
112 100
64 52.6 39.7 59.5
63 26.0 17.4 26.0



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: 38.95 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF090852.D

Acq: 26 Oct 2016 20:49

Instrument :

BNA_F

ClientSampleId :

DSN001

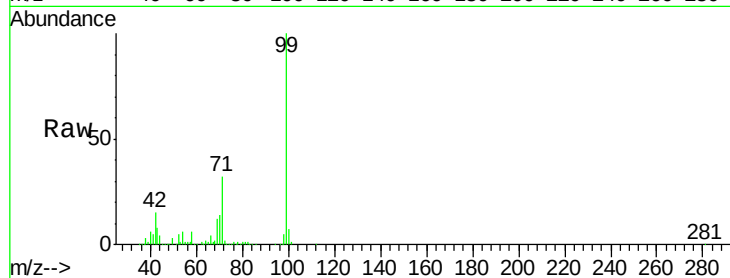
Tot Ion: 99 Resp: 526272

Ion Ratio Lower Upper

99 100

42 15.1 13.7 20.5

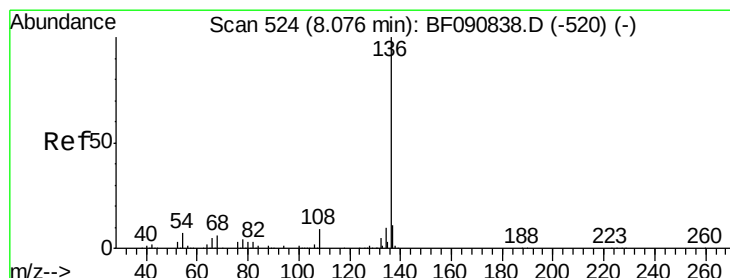
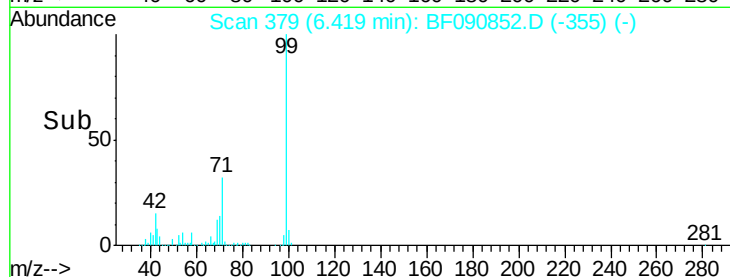
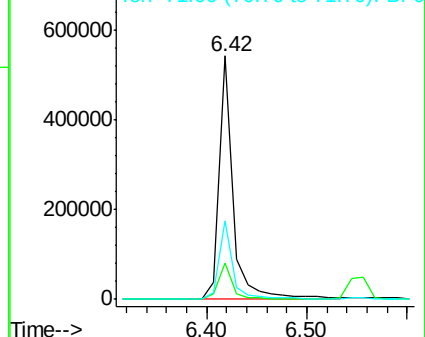
71 32.3 14.2 21.2#



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: 8.08 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF090852.D

Acq: 26 Oct 2016 20:49

Tgt Ion: 136 Resp: 753800

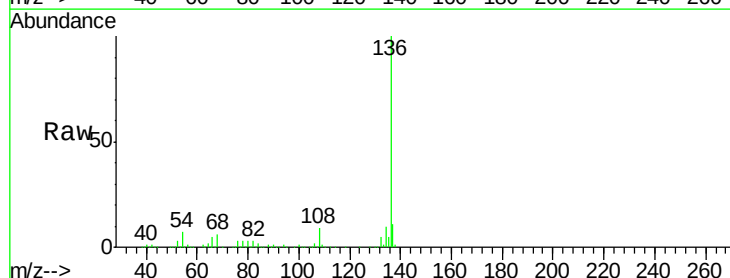
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 6.6 8.2 12.2#

68 5.9 5.8 8.6

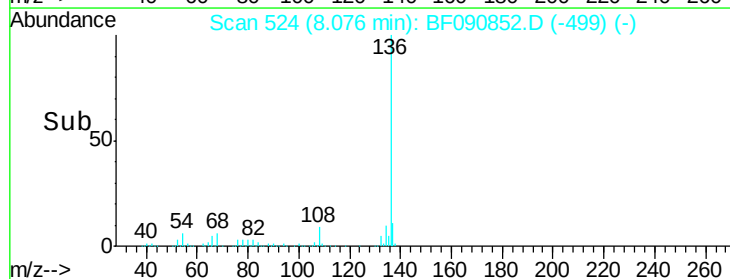
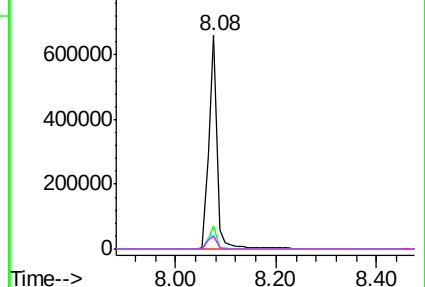


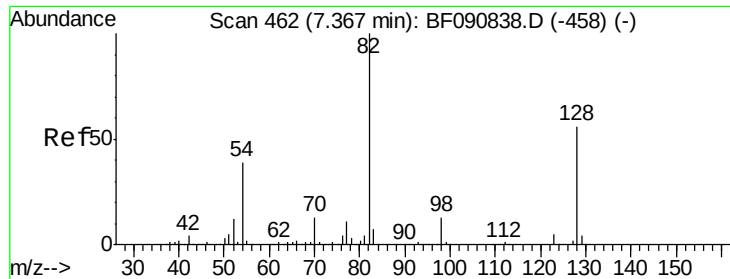
Abundance Ion 136.00 (135.70 to 136.70): E

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

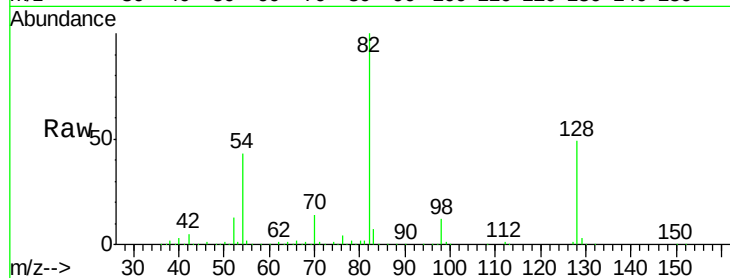




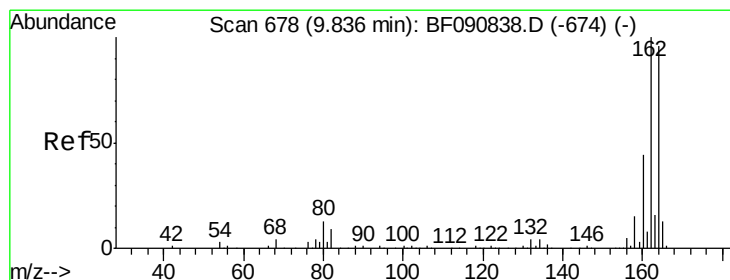
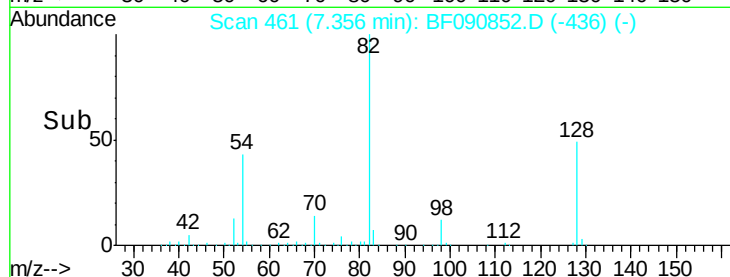
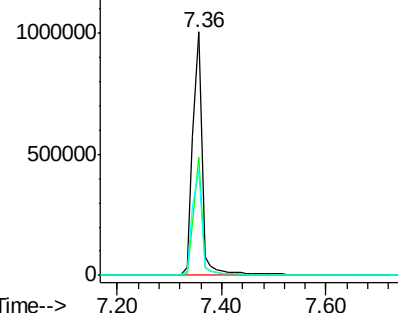
#23
 Nitrobenzene-d5
 Concen: 111.45 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF090852.D
 Acq: 26 Oct 2016 20:49

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Tot Ion: 82 Resp: 1283296
 Ion Ratio Lower Upper
 82 100
 128 48.7 51.0 76.6#
 54 43.3 47.5 71.3#

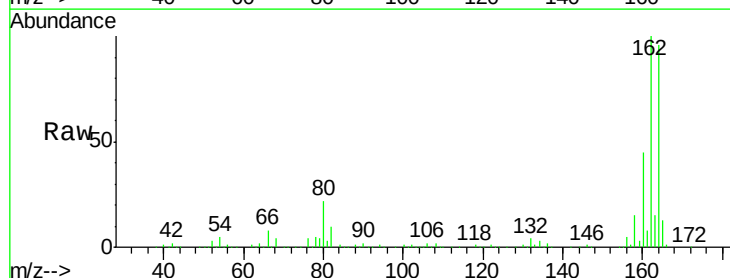


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

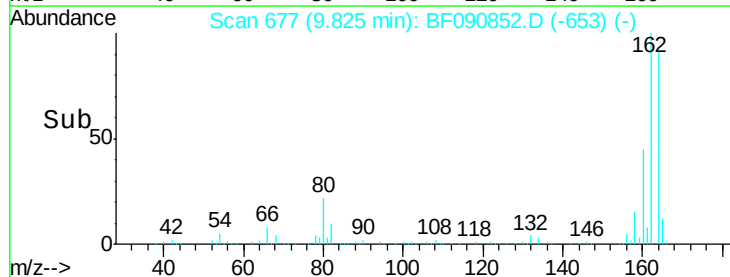
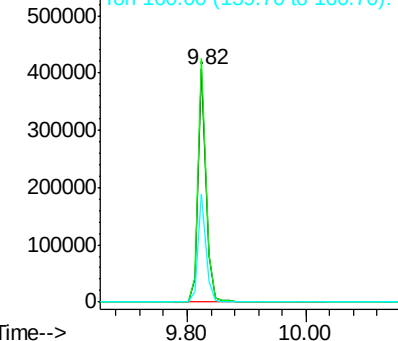


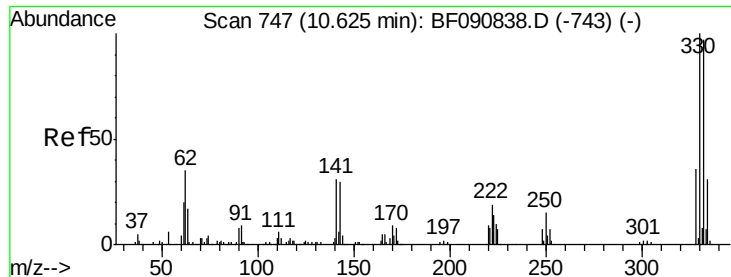
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.02 min
 Lab File: BF090852.D
 Acq: 26 Oct 2016 20:49

Tgt Ion:164 Resp: 376510
 Ion Ratio Lower Upper
 164 100
 162 104.5 75.2 112.8
 160 46.5 31.5 47.3



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

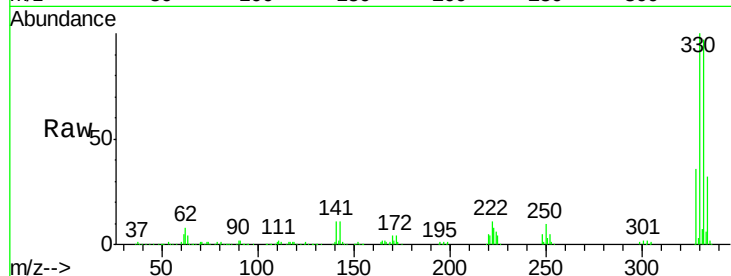




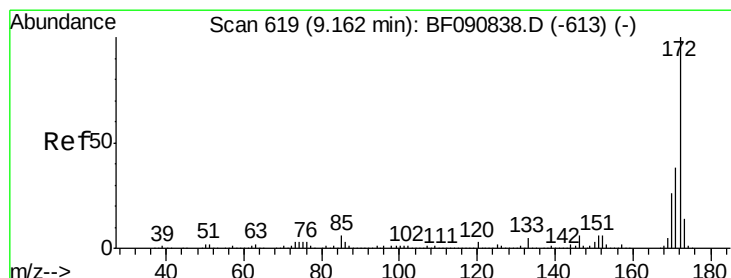
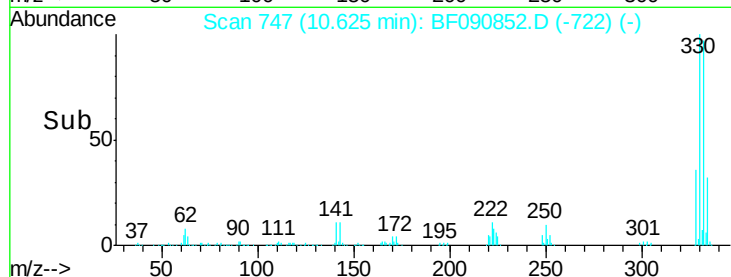
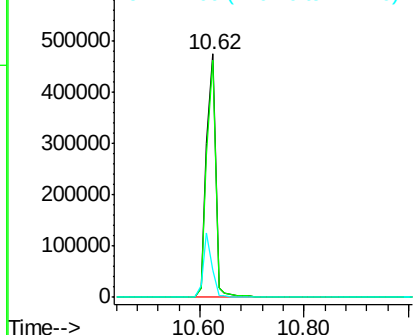
#41
 2,4,6-Tribromophenol
 Concen: 150.69 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.01 min
 Lab File: BF090852.D
 Acq: 26 Oct 2016 20:49

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Tot Ion:330 Resp: 583056
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.6 114.8
 141 25.7 29.7 44.5#

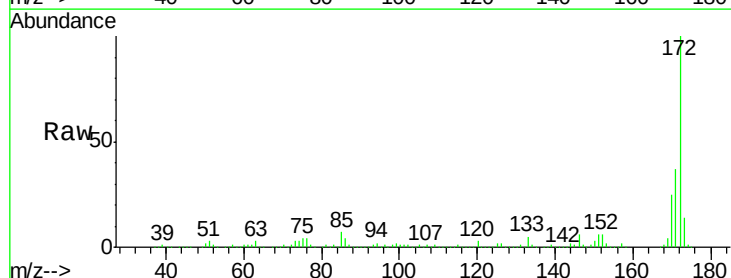


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

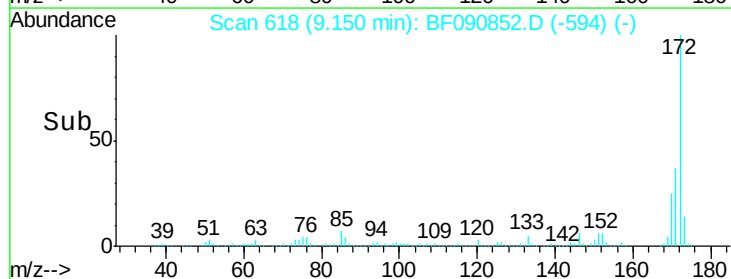
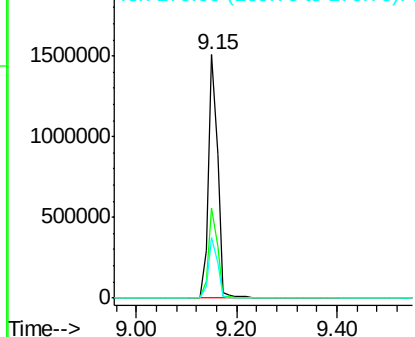


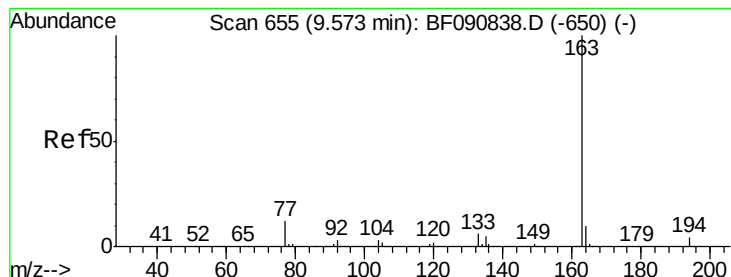
#44
 2-Fluorobiphenyl
 Concen: 90.78 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF090852.D
 Acq: 26 Oct 2016 20:49

Tgt Ion:172 Resp: 1946417
 Ion Ratio Lower Upper
 172 100
 171 37.0 26.1 39.1
 170 24.9 17.4 26.2



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





#49

Dimethylphthalate

Concen: 7.14 ng

RT: 9.55 min Scan# 653

Delta R.T. -0.02 min

Lab File: BF090852.D

Acq: 26 Oct 2016 20:49

Instrument :

BNA_F

ClientSampleId :

DSN001

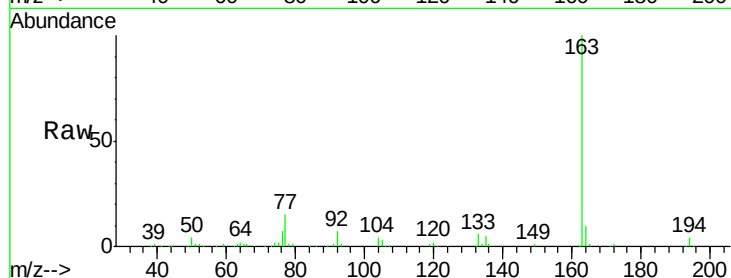
Tot Ion:163 Resp: 179698

Ion Ratio Lower Upper

163 100

194 3.6 4.4 6.6#

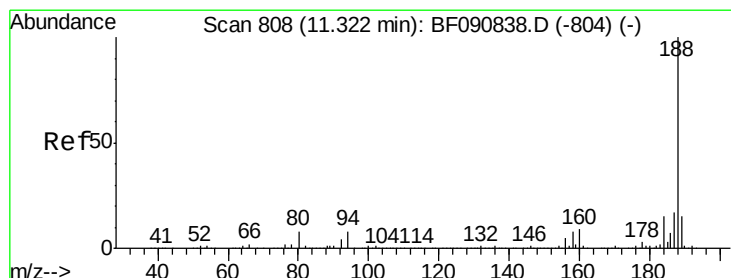
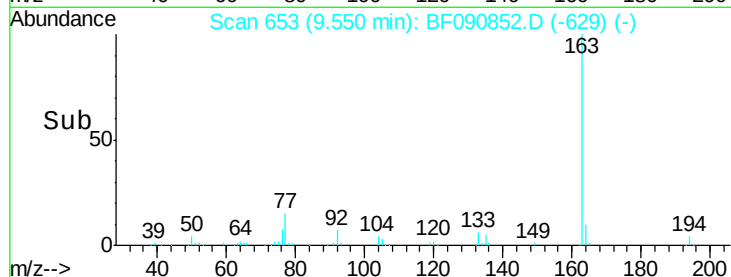
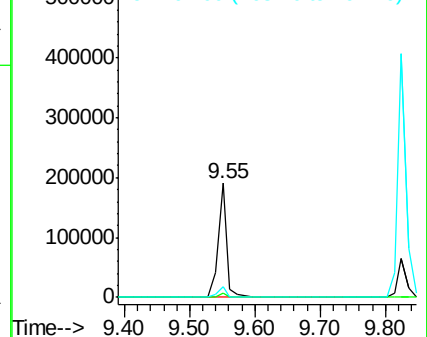
164 9.8 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.31 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF090852.D

Acq: 26 Oct 2016 20:49

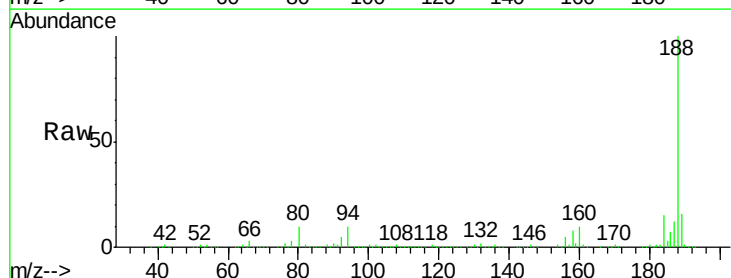
Tgt Ion:188 Resp: 667612

Ion Ratio Lower Upper

188 100

94 10.1 11.1 16.7#

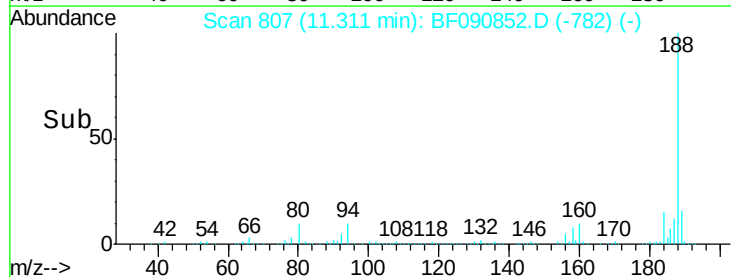
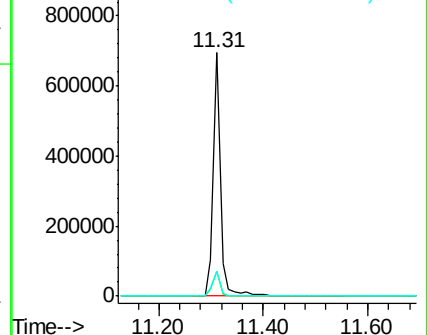
80 10.3 11.0 16.4#

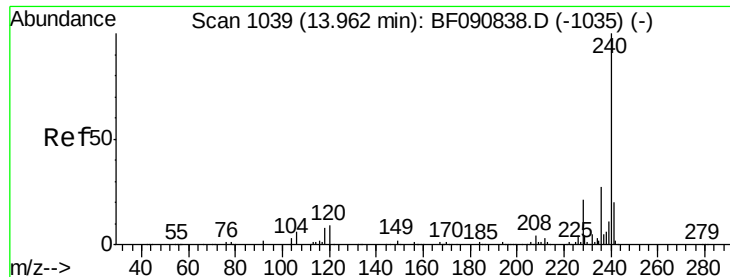


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF090852.D

Acq: 26 Oct 2016 20:49

Instrument :

BNA_F

ClientSampleId :

DSN001

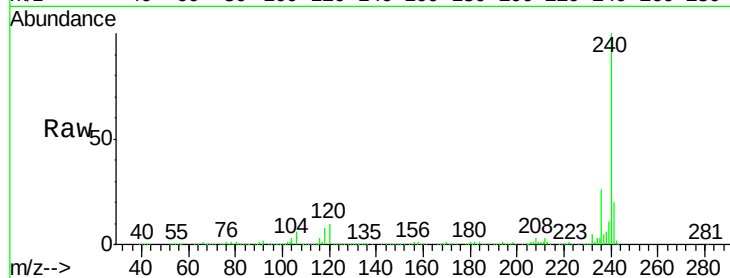
Tot Ion:240 Resp: 561825

Ion Ratio Lower Upper

240 100

120 9.8 16.2 24.2#

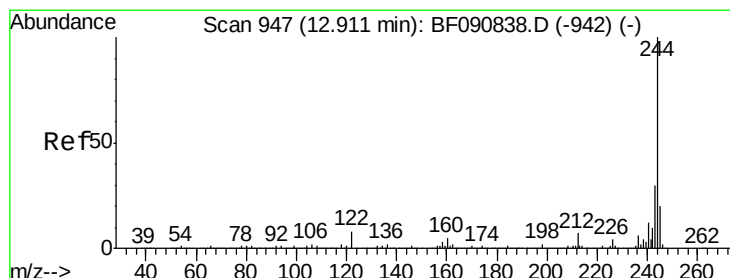
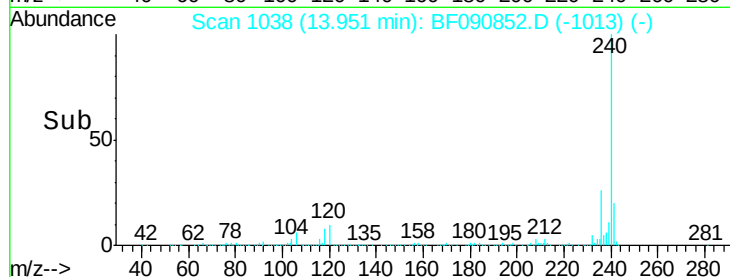
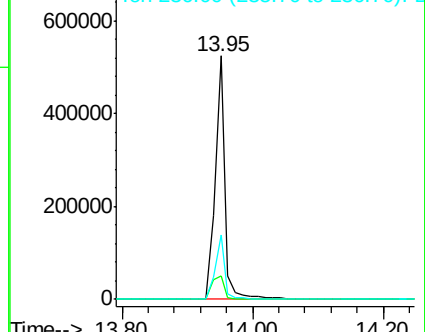
236 26.4 18.4 27.6



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: 82.83 ng

RT: 12.90 min Scan# 946

Delta R.T. -0.02 min

Lab File: BF090852.D

Acq: 26 Oct 2016 20:49

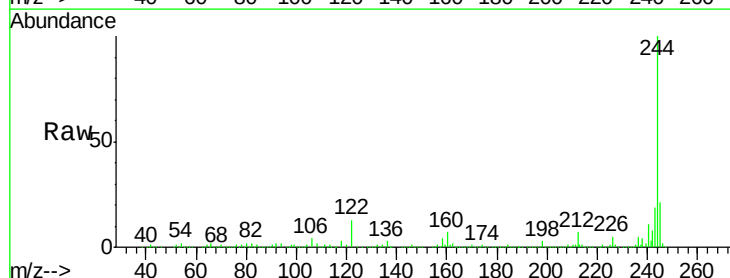
Tgt Ion:244 Resp: 1847117

Ion Ratio Lower Upper

244 100

212 7.2 4.3 6.5#

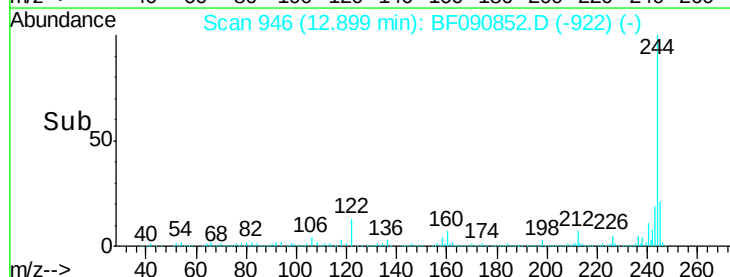
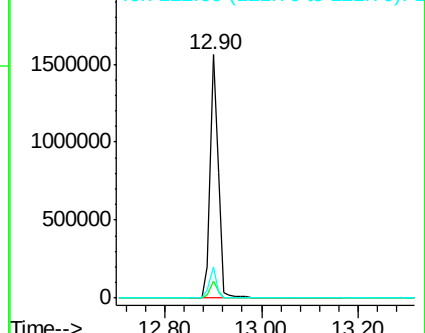
122 12.9 17.4 26.2#

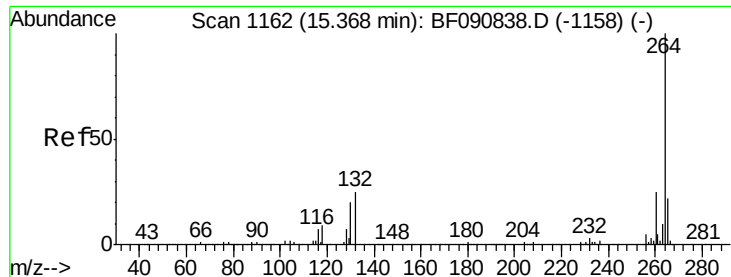


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



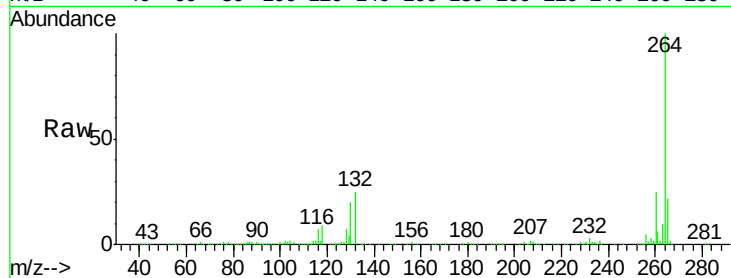


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.02 min
Lab File: BF090852.D
Acq: 26 Oct 2016 20:49

Instrument :
BNA_F
ClientSampleId :
DSN001

Tot Ion:264 Resp: 411919

Ion	Ratio	Lower	Upper
264	100		
260	24.8	16.7	25.1
265	22.3	17.2	25.8



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

