

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
 Data File : BF086371.D
 Acq On : 23 Apr 2016 5:20
 Operator : UM/SJ
 Sample : H2634-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Quant Time: Apr 25 11:24:38 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 23 00:24:02 2016
 Response via : Initial Calibration

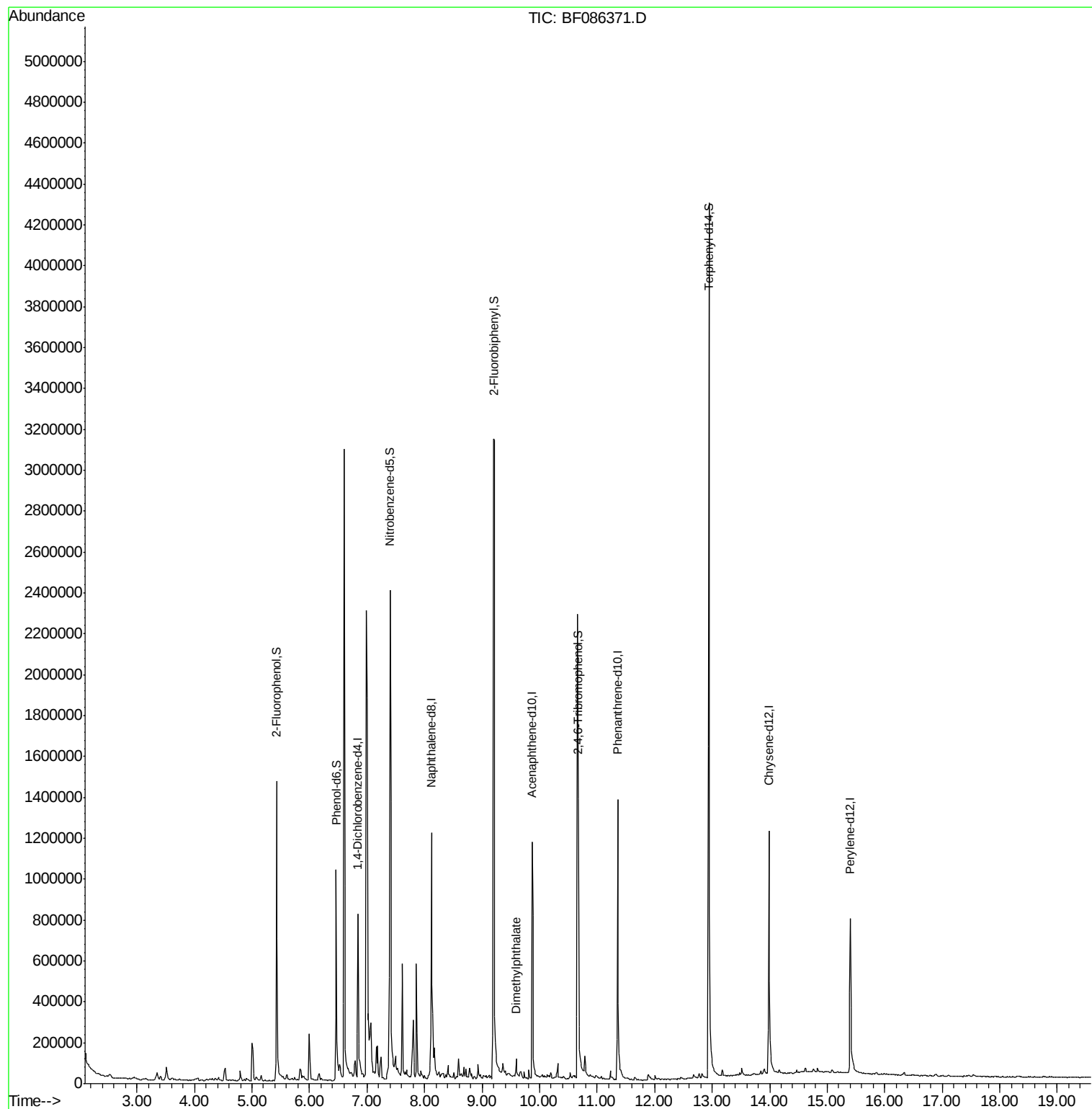
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	160015	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	694636	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	323333	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	655610	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	556291	20.00	ng	-0.01
86) Perylene-d12	15.40	264	447228	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	543758	58.68	ng	0.00
7) Phenol-d6	6.46	99	526112	41.77	ng	-0.01
23) Nitrobenzene-d5	7.40	82	937495	79.95	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	406941	139.03	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1783072	94.11	ng	0.00
78) Terphenyl-d14	12.95	244	1628953	72.76	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.60	163	47979	2.05	ng	Qvalue 97

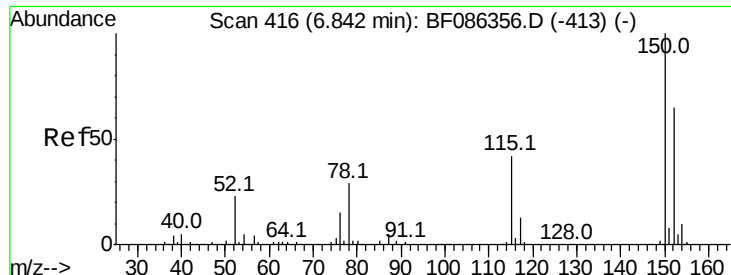
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF086371.D

Acq: 23 Apr 2016 5:20

Instrument :

BNA_F

ClientSampleId :

MW-16

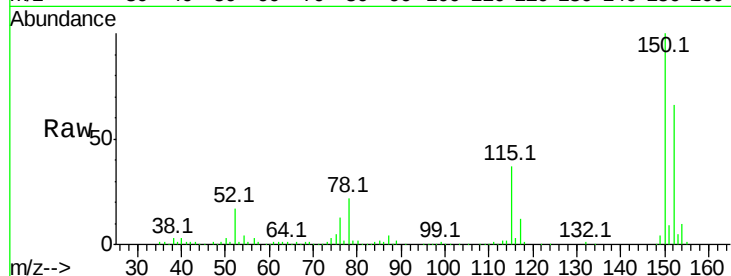
Tot Ion:152 Resp: 160015

Ion Ratio Lower Upper

152 100

150 151.1 125.8 188.6

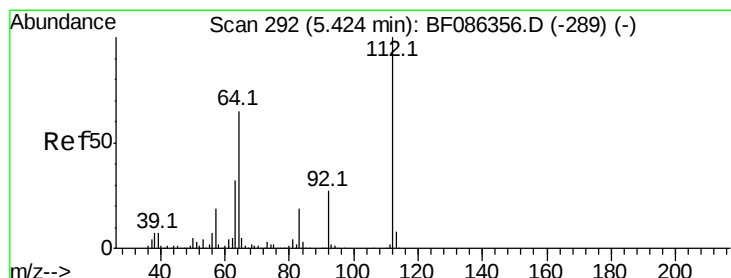
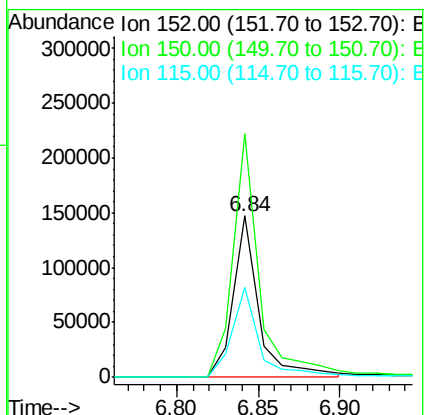
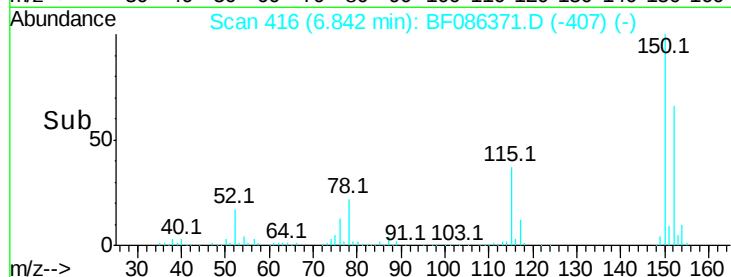
115 55.6 51.5 77.3



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: 58.68 ng

RT: 5.42 min Scan# 292

Delta R.T. 0.00 min

Lab File: BF086371.D

Acq: 23 Apr 2016 5:20

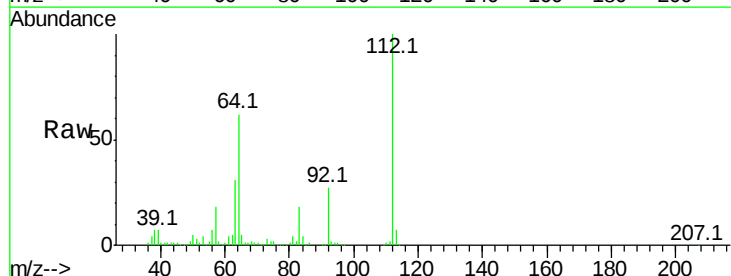
Tgt Ion:112 Resp: 543758

Ion Ratio Lower Upper

112 100

64 61.7 52.1 78.1

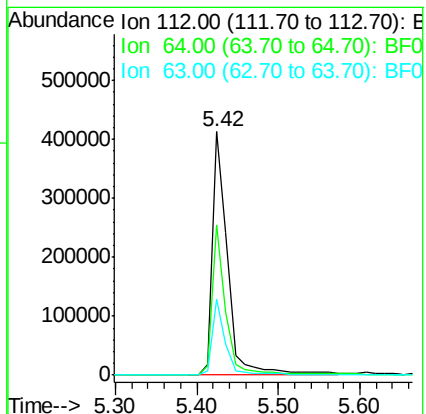
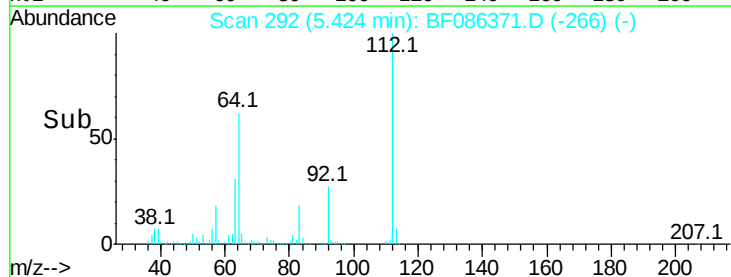
63 31.1 25.7 38.5

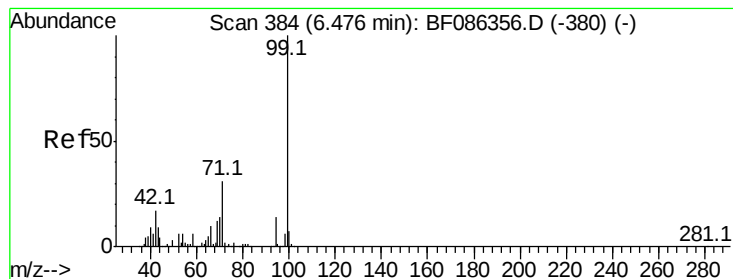


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 41.77 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF086371.D

Acq: 23 Apr 2016 5:20

Instrument :

BNA_F

ClientSampled :

MW-16

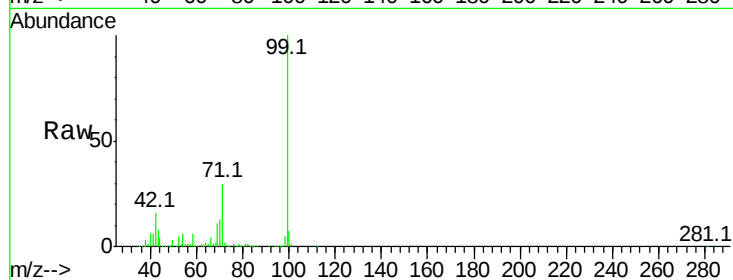
Tot Ion: 99 Resp: 526112

Ion Ratio Lower Upper

99 100

42 15.7 13.6 20.4

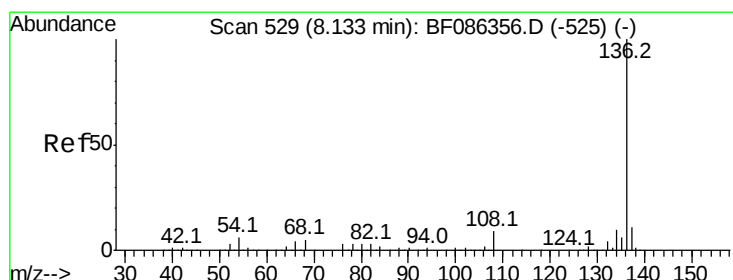
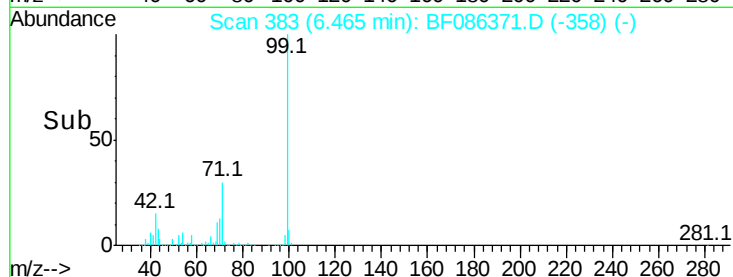
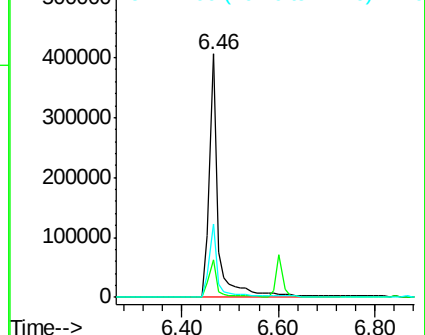
71 30.0 24.6 36.8



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: 8.12 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF086371.D

Acq: 23 Apr 2016 5:20

Tgt Ion: 136 Resp: 694636

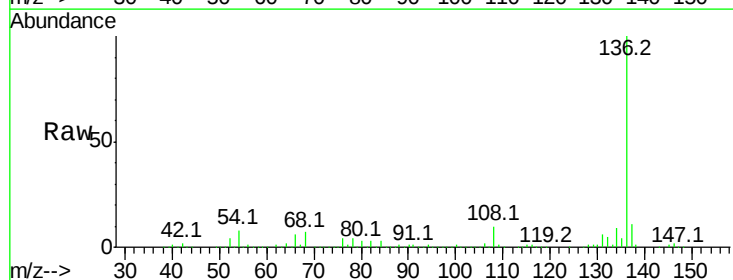
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 8.1 5.0 7.4#

68 6.7 4.4 6.6#

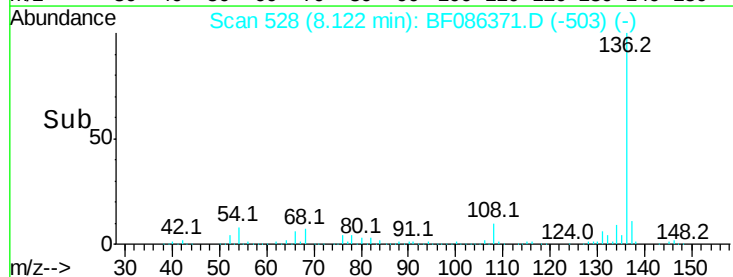
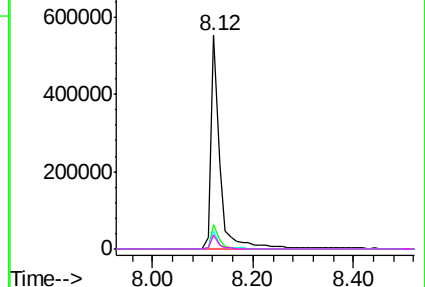


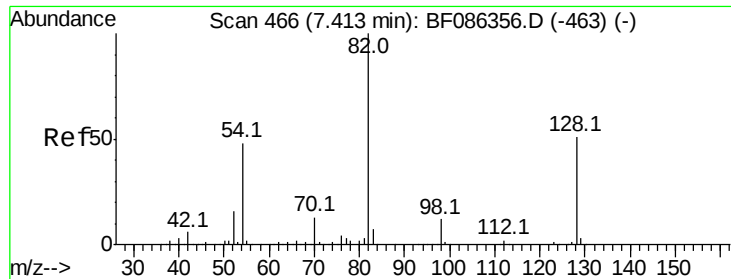
Abundance Ion 136.00 (135.70 to 136.70): E

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

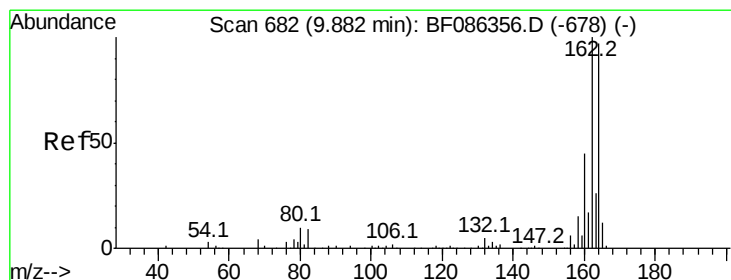
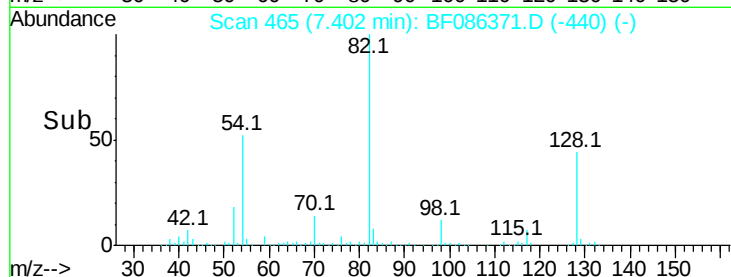
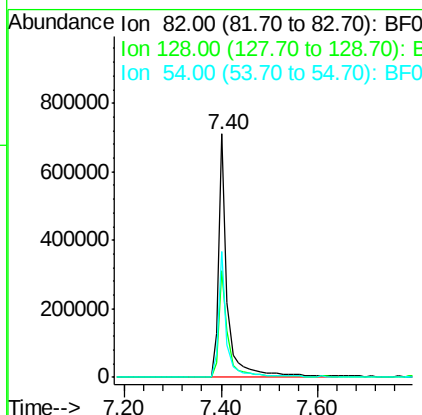
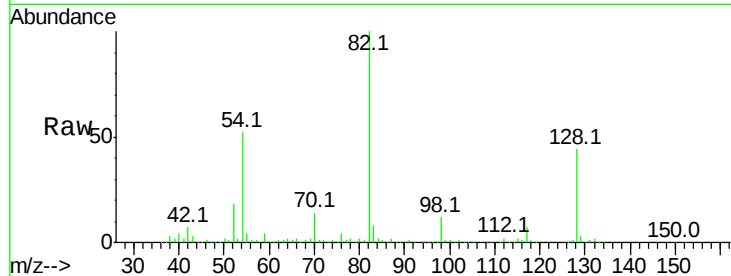




#23
 Nitrobenzene-d5
 Concen: 79.95 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.01 min
 Lab File: BF086371.D
 Acq: 23 Apr 2016 5:20

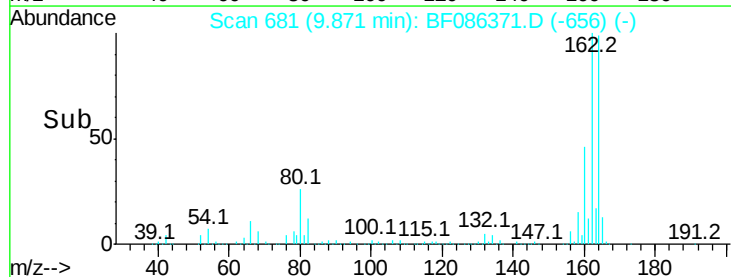
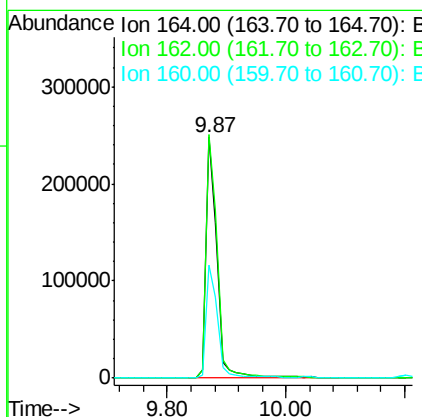
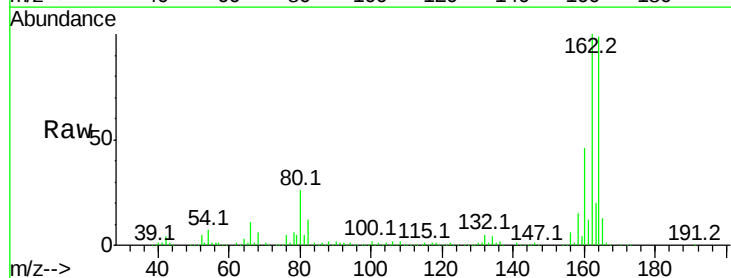
Instrument :
 BNA_F
 ClientSampleId :
 MW-16

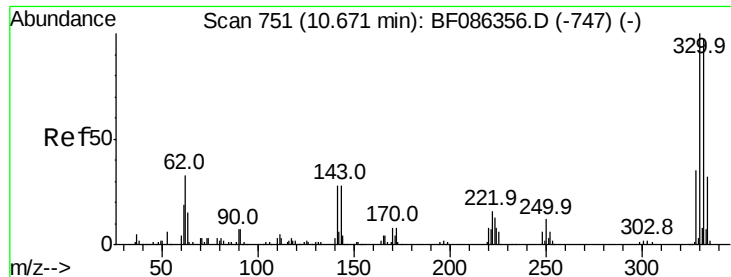
Tot Ion	82	Resp	937495
Ion Ratio	100	Lower	Upper
128	43.6	40.6	61.0
54	51.8	38.1	57.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: BF086371.D
 Acq: 23 Apr 2016 5:20

Tgt Ion	164	Resp	323333
Ion Ratio	100	Lower	Upper
162	101.1	82.8	124.2
160	46.7	36.9	55.3

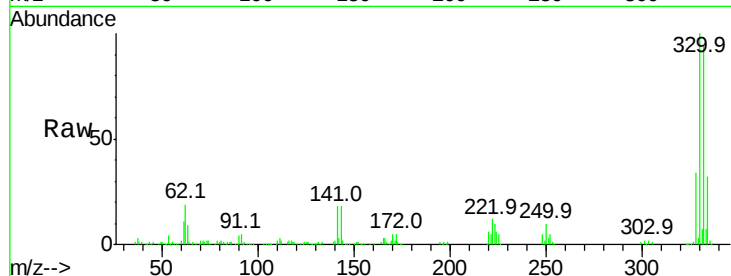




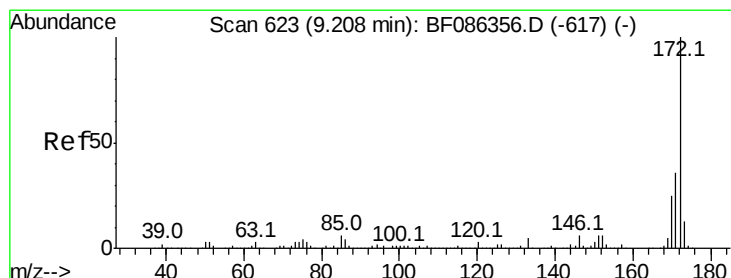
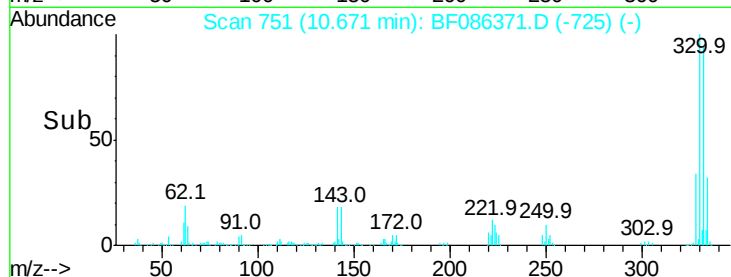
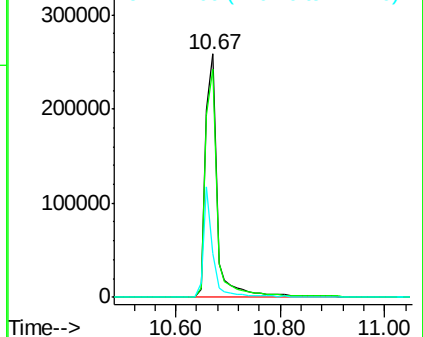
#41
 2,4,6-Tribromophenol
 Concen: 139.03 ng
 RT: 10.67 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF086371.D
 Acq: 23 Apr 2016 5:20

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Tot Ion:330 Resp: 406941
 Ion Ratio Lower Upper
 330 100
 332 94.7 79.0 118.4
 141 37.4 31.2 46.8

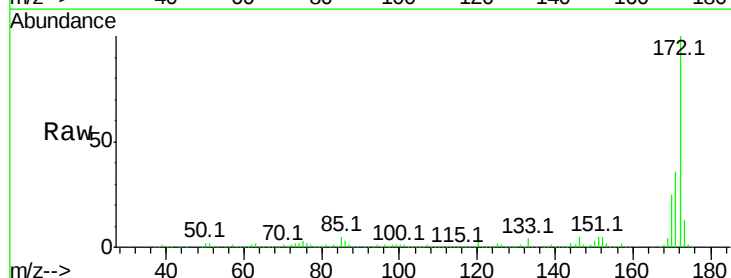


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

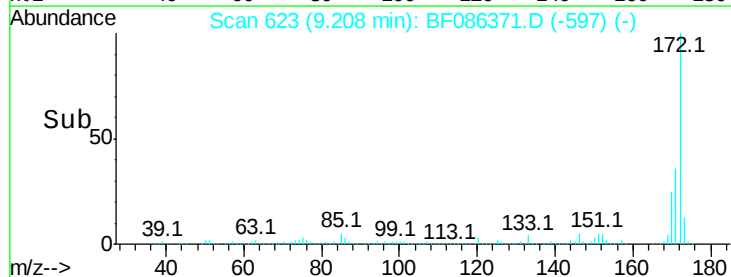
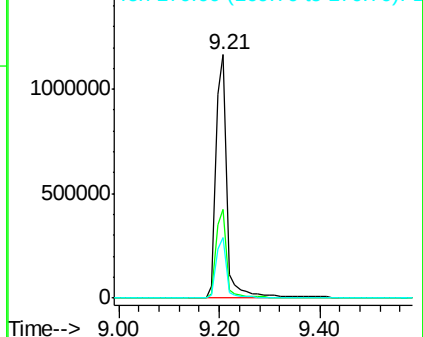


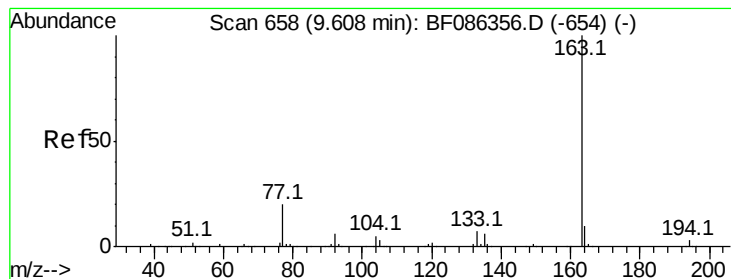
#44
 2-Fluorobiphenyl
 Concen: 94.11 ng
 RT: 9.21 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF086371.D
 Acq: 23 Apr 2016 5:20

Tgt Ion:172 Resp: 1783072
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.0 43.6
 170 25.0 19.8 29.8



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: 2.05 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.01 min

Lab File: BF086371.D

Acq: 23 Apr 2016 5:20

Instrument :

BNA_F

ClientSampleId :

MW-16

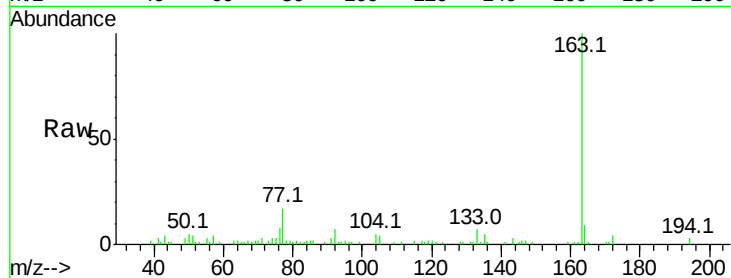
Tot Ion:163 Resp: 47979

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

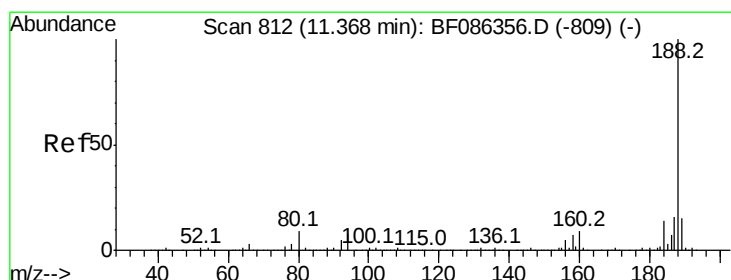
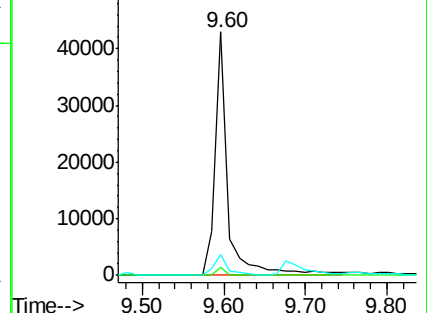
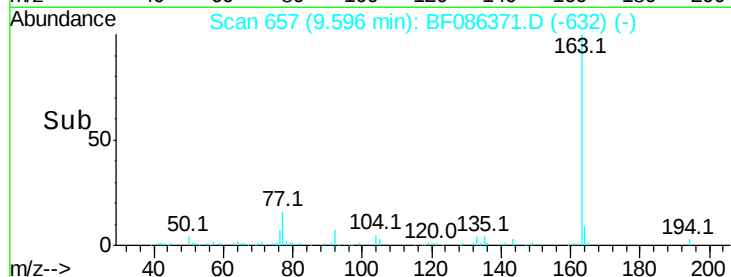
164 8.8 8.2 12.4



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: 11.36 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF086371.D

Acq: 23 Apr 2016 5:20

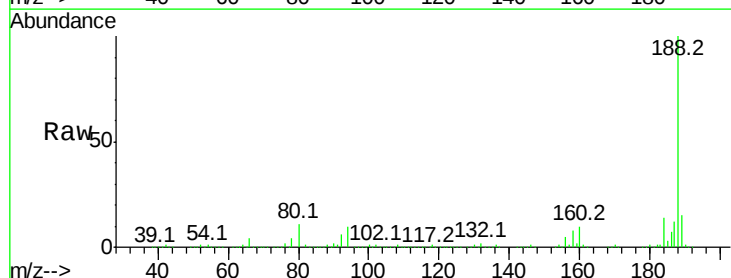
Tgt Ion:188 Resp: 655610

Ion Ratio Lower Upper

188 100

94 10.4 6.8 10.2#

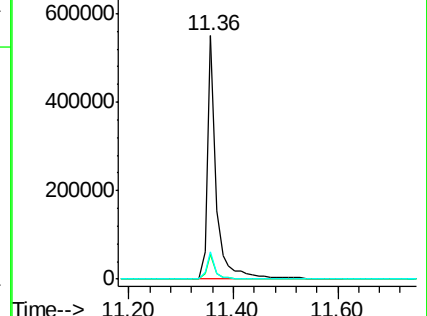
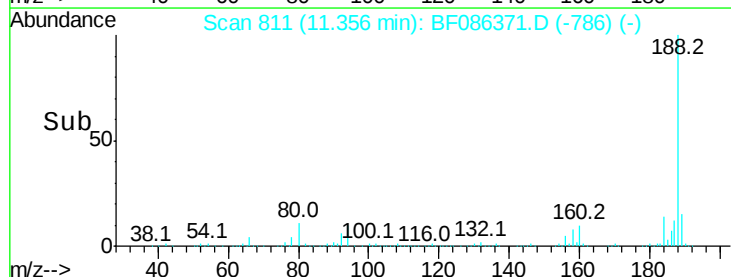
80 11.2 7.1 10.7#

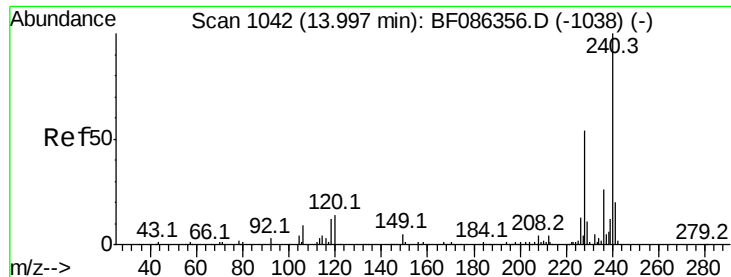


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF086371.D

Acq: 23 Apr 2016 5:20

Instrument :

BNA_F

ClientSampled :

MW-16

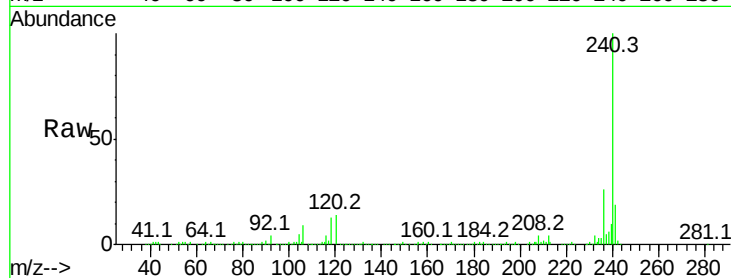
Tot Ion:240 Resp: 556291

Ion Ratio Lower Upper

240 100

120 13.9 11.2 16.8

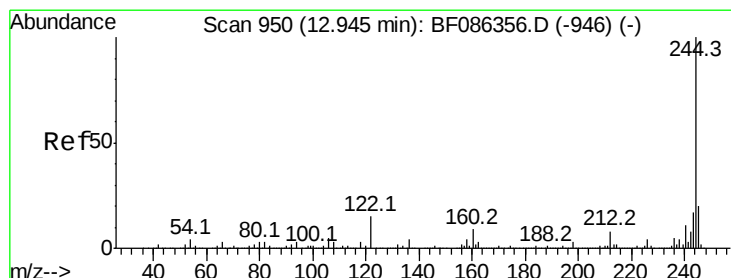
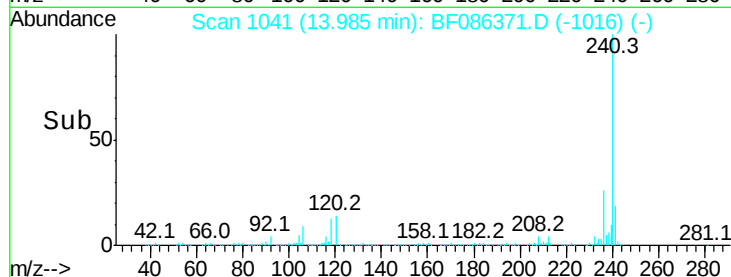
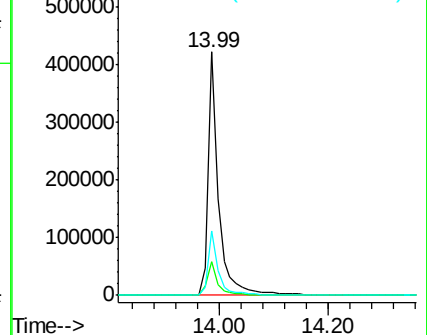
236 26.4 21.2 31.8



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: 72.76 ng

RT: 12.95 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF086371.D

Acq: 23 Apr 2016 5:20

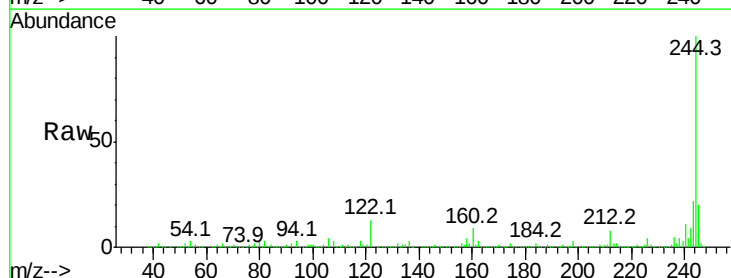
Tgt Ion:244 Resp: 1628953

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

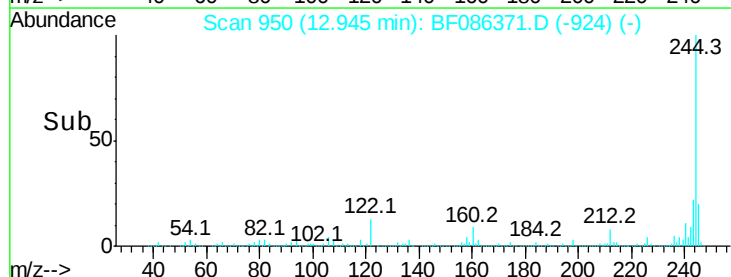
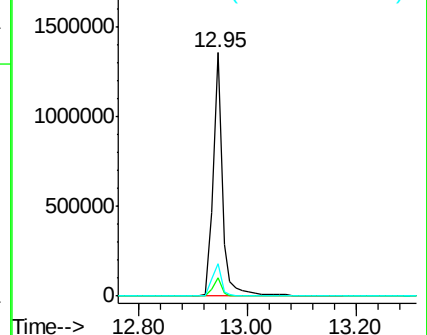
122 13.3 12.0 18.0

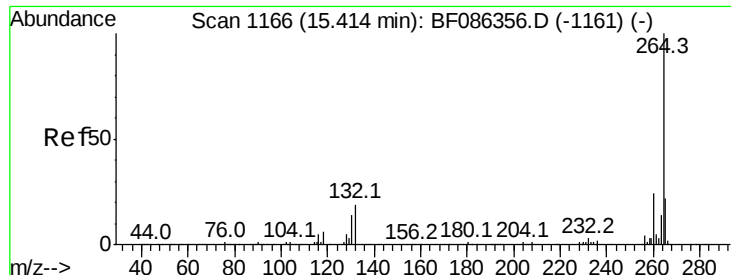


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

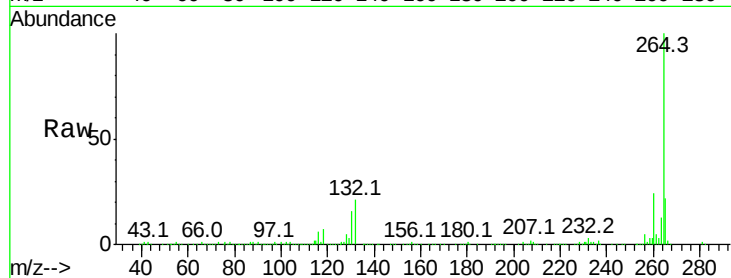




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF086371.D
 Acq: 23 Apr 2016 5:20

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Tot Ion:264 Resp: 447228
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 22.4 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

