

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
 Data File : BF090475.D
 Acq On : 8 Oct 2016 8:44
 Operator : UM/SJ
 Sample : H5136-11
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 100516-11

Quant Time: Oct 10 00:58:22 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 14:57:00 2016
 Response via : Initial Calibration

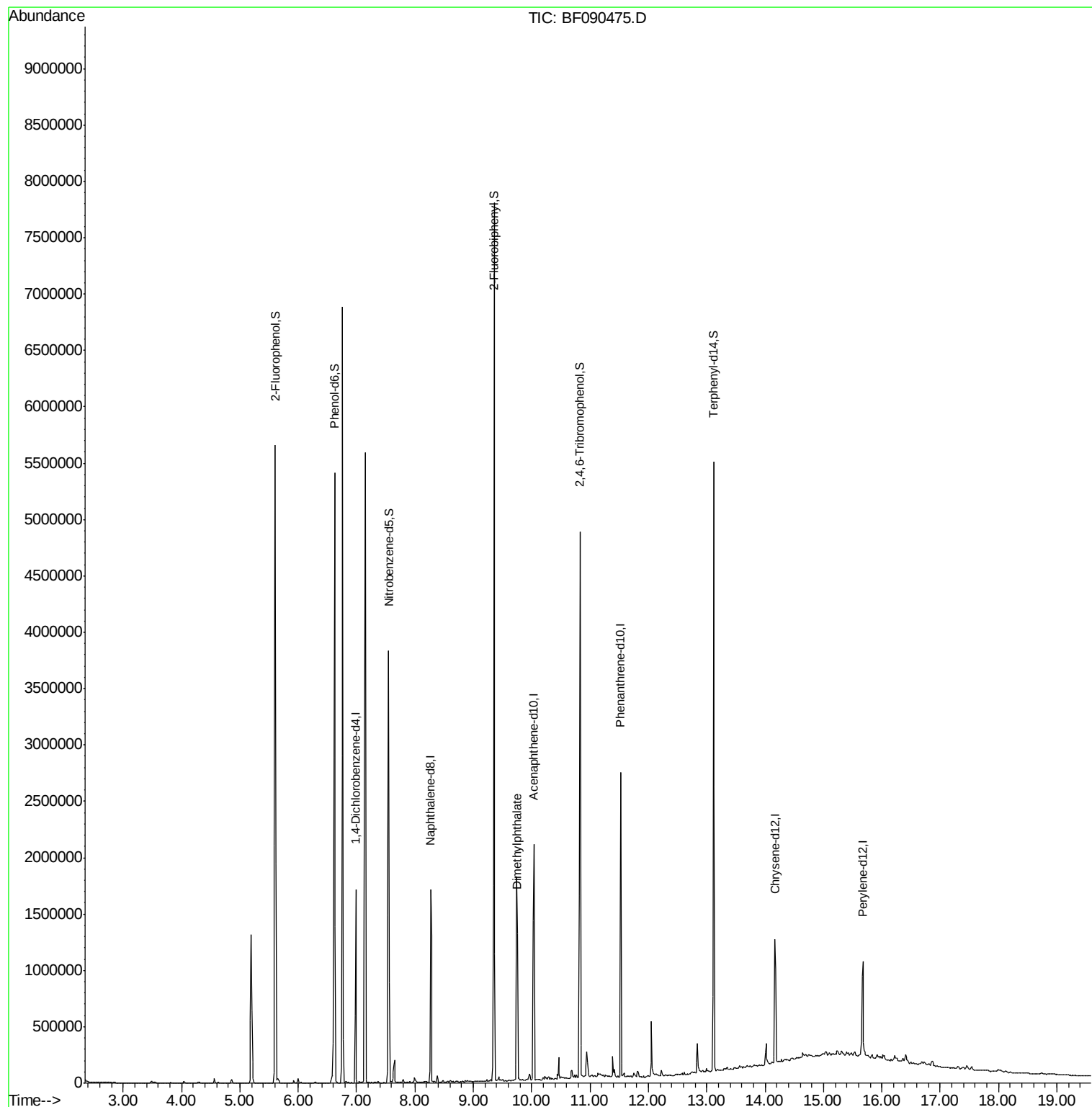
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	263219	20.00	ng	-0.01
21) Naphthalene-d8	8.27	136	1036412	20.00	ng	-0.02
38) Acenaphthene-d10	10.04	164	555680	20.00	ng	-0.01
63) Phenanthrene-d10	11.53	188	865103	20.00	ng	-0.02
75) Chrysene-d12	14.17	240	480677	20.00	ng	-0.03
86) Perylene-d12	15.68	264	420902	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1967104	111.54	ng	0.00
7) Phenol-d6	6.62	99	2525417	109.33	ng	0.00
23) Nitrobenzene-d5	7.55	82	1557077	73.08	ng	-0.02
41) 2,4,6-Tribromophenol	10.83	330	560880	124.13	ng	-0.02
44) 2-Fluorobiphenyl	9.35	172	2385394	71.52	ng	-0.02
78) Terphenyl-d14	13.12	244	1962311	91.78	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.75	163	1004060	28.21	ng	Qvalue 97

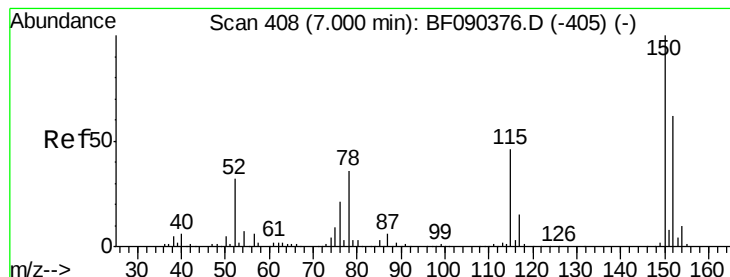
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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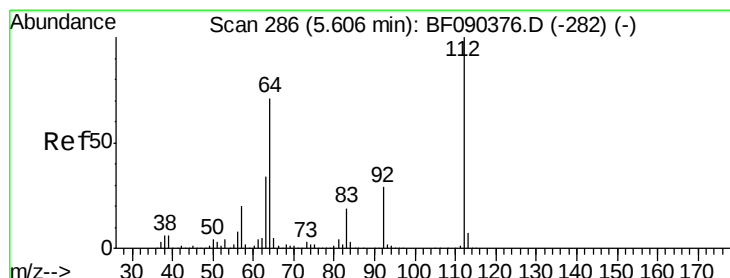
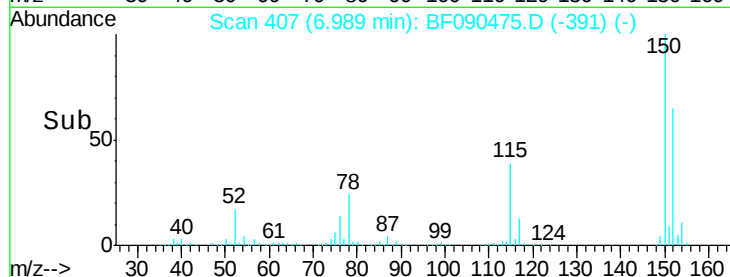
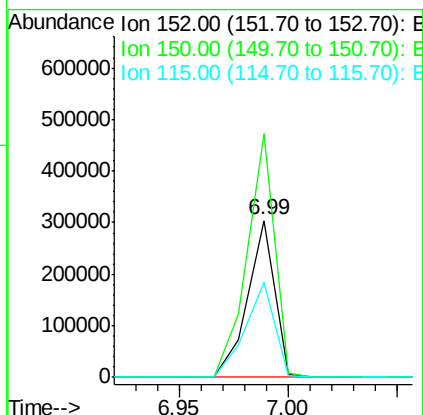
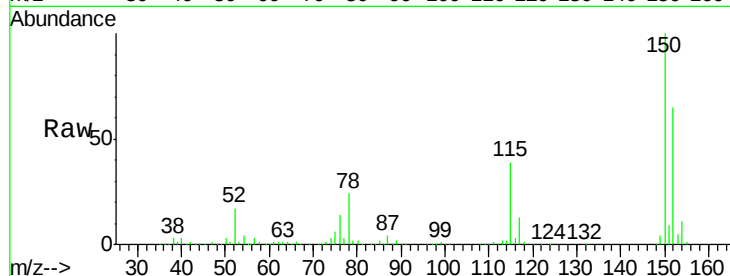




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.99 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: BF090475.D
 Acq: 8 Oct 2016 8:44

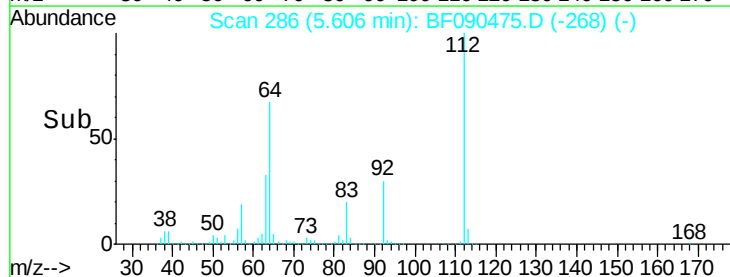
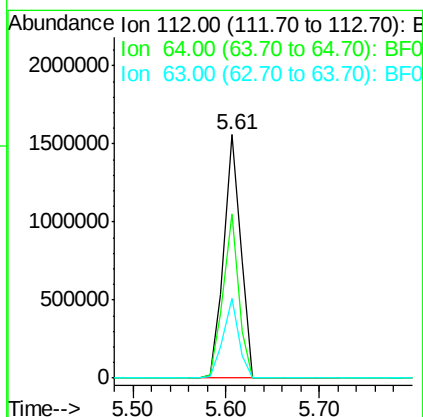
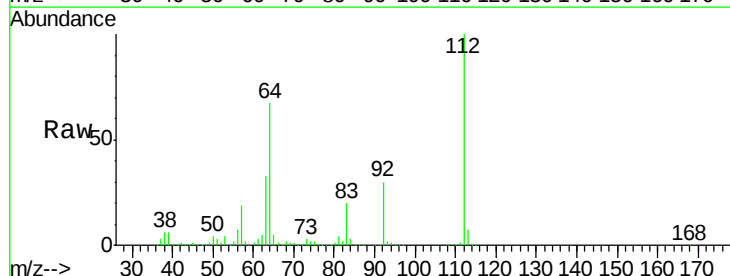
Instrument :
 BNA_F
 ClientSampleId :
 100516-11

Tgt Ion:152 Resp: 263219
 Ion Ratio Lower Upper
 152 100
 150 154.9 124.6 186.8
 115 60.4 46.2 69.4



#5
 2-Fluorophenol
 Concen: 111.54 ng
 RT: 5.61 min Scan# 286
 Delta R.T. 0.00 min
 Lab File: BF090475.D
 Acq: 8 Oct 2016 8:44

Tgt Ion:112 Resp: 1967104
 Ion Ratio Lower Upper
 112 100
 64 67.4 57.9 86.9
 63 32.7 29.6 44.4





#7

Phenol-d6

Concen: 109.33 ng

RT: 6.62 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF090475.D

Acq: 8 Oct 2016 8:44

Instrument :

BNA_F

ClientSampleId :

100516-11

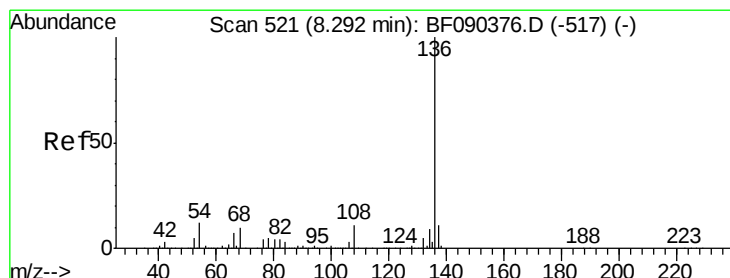
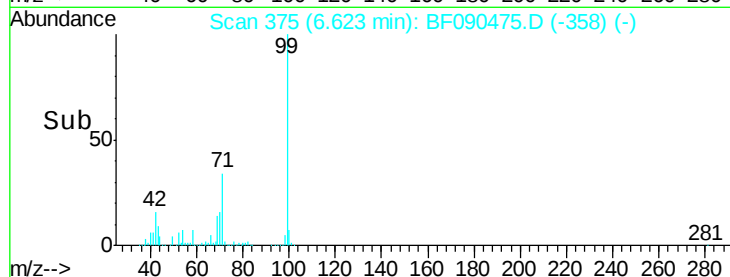
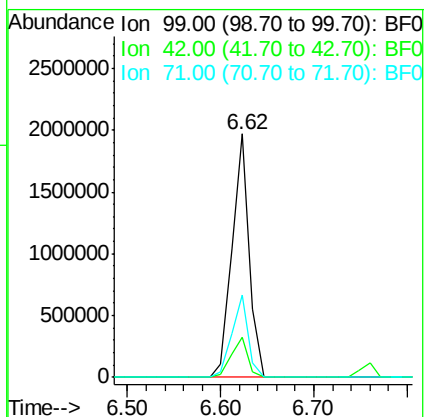
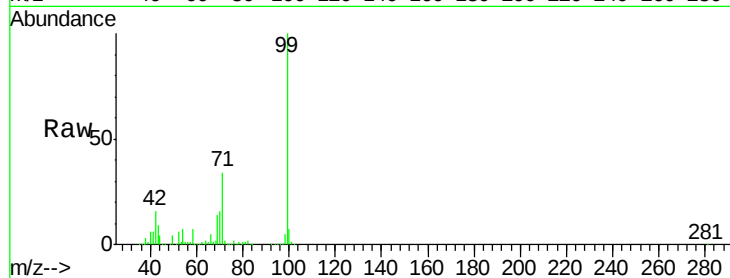
Tgt Ion: 99 Resp: 2525417

Ion Ratio Lower Upper

99 100

42 16.4 20.0 30.0#

71 33.8 27.9 41.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.27 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF090475.D

Acq: 8 Oct 2016 8:44

Tgt Ion: 136 Resp: 1036412

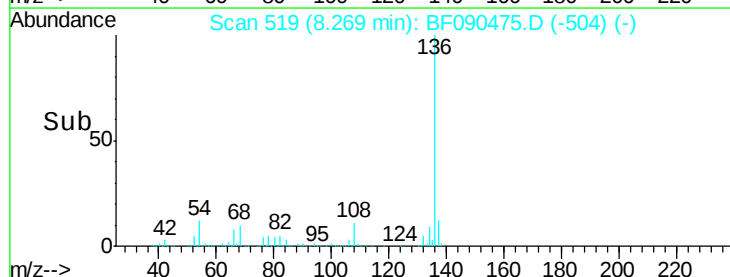
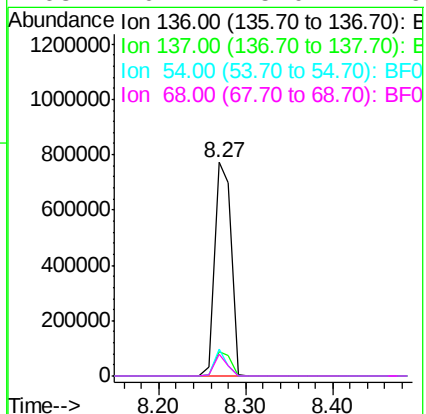
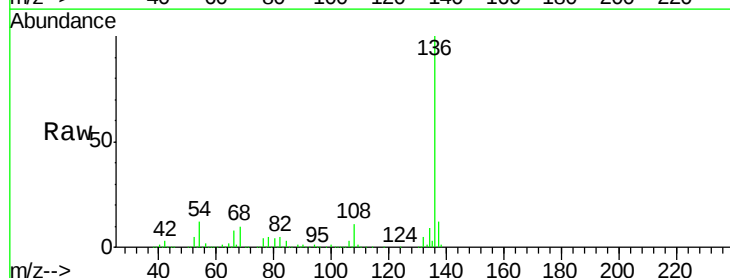
Ion Ratio Lower Upper

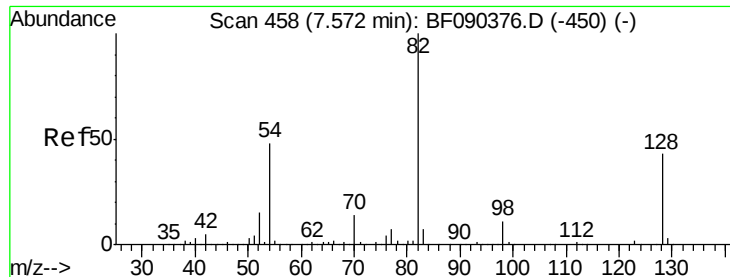
136 100

137 11.6 9.0 13.6

54 12.4 6.6 10.0#

68 10.1 5.0 7.6#

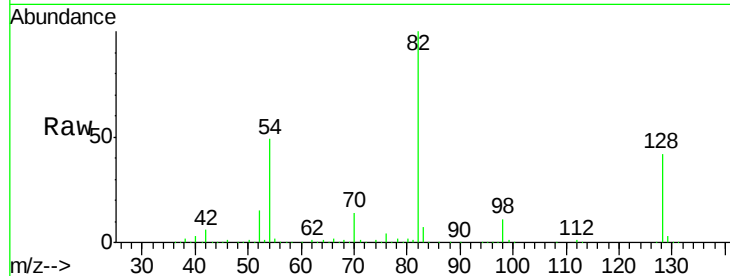




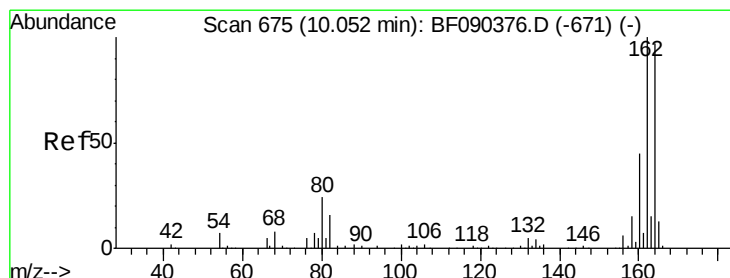
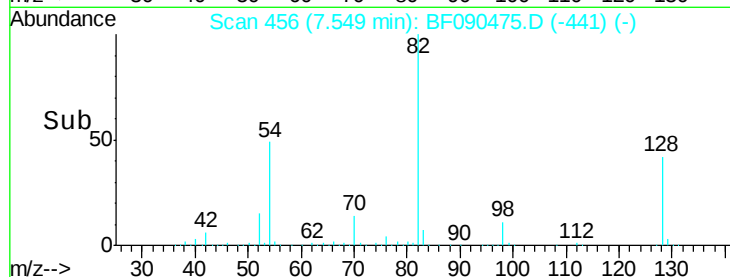
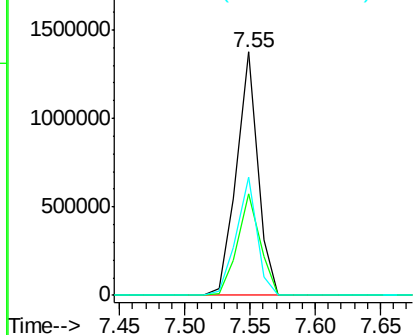
#23
 Nitrobenzene-d5
 Concen: 73.08 ng
 RT: 7.55 min Scan# 456
 Delta R.T. -0.02 min
 Lab File: BF090475.D
 Acq: 8 Oct 2016 8:44

Instrument :
 BNA_F
 ClientSampleId :
 100516-11

Tgt Ion: 82 Resp: 1557077
 Ion Ratio Lower Upper
 82 100
 128 41.6 40.0 60.0
 54 48.8 42.6 64.0

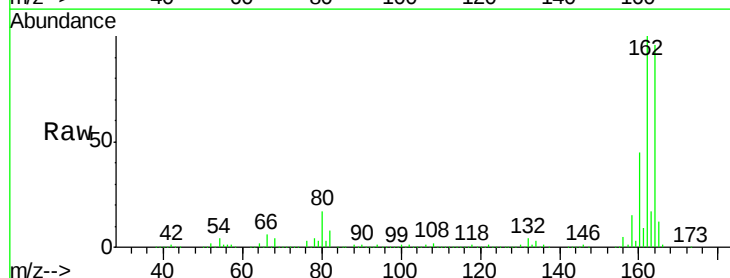


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

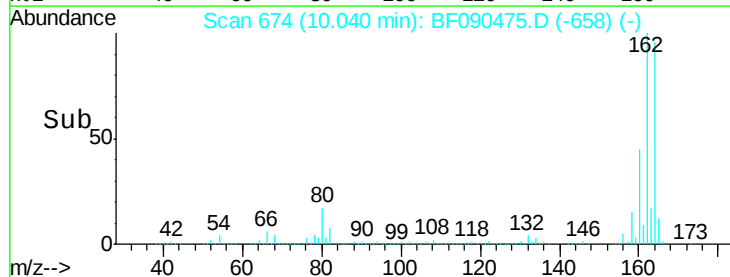
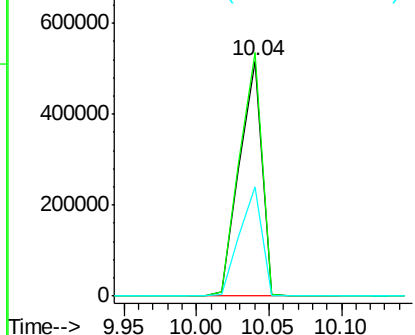


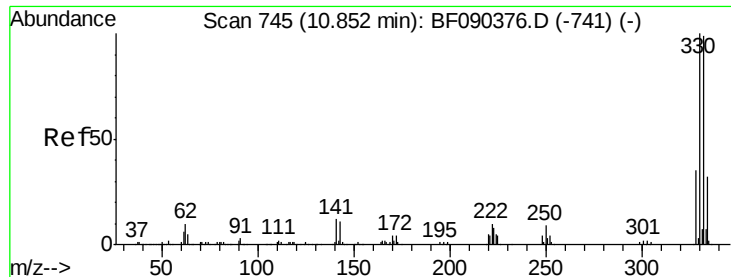
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.04 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: BF090475.D
 Acq: 8 Oct 2016 8:44

Tgt Ion: 164 Resp: 555680
 Ion Ratio Lower Upper
 164 100
 162 103.8 80.1 120.1
 160 46.3 36.3 54.5



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

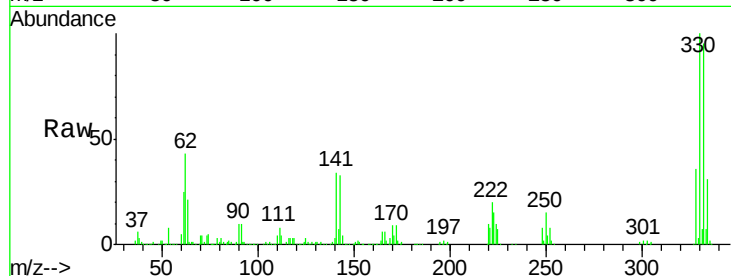




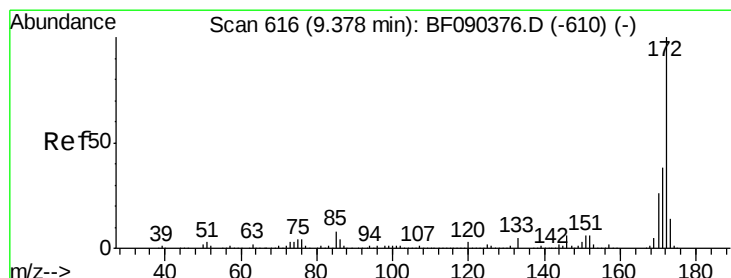
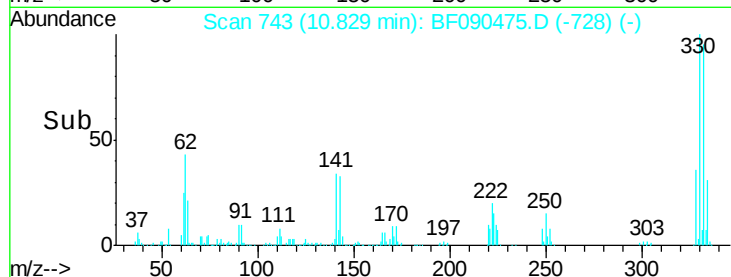
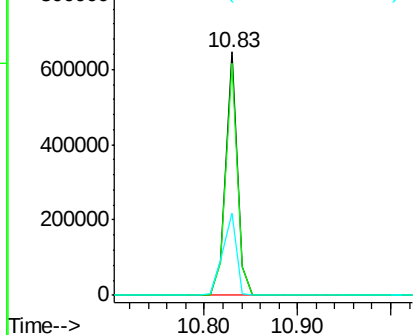
#41
 2,4,6-Tribromophenol
 Concen: 124.13 ng
 RT: 10.83 min Scan# 743
 Delta R.T. -0.02 min
 Lab File: BF090475.D
 Acq: 8 Oct 2016 8:44

Instrument :
 BNA_F
 ClientSampleId :
 100516-11

Tgt Ion:330 Resp: 560880
 Ion Ratio Lower Upper
 330 100
 332 96.0 75.4 113.0
 141 39.9 26.9 40.3

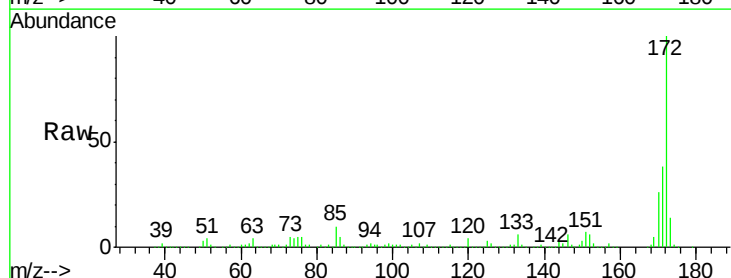


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

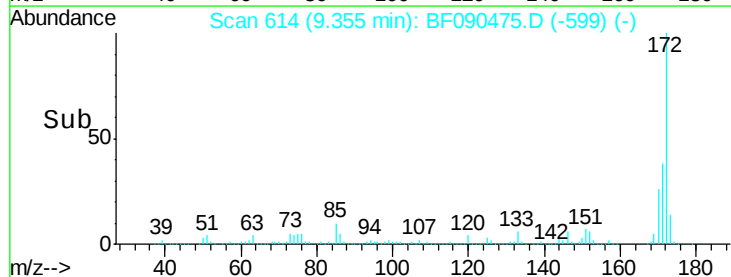
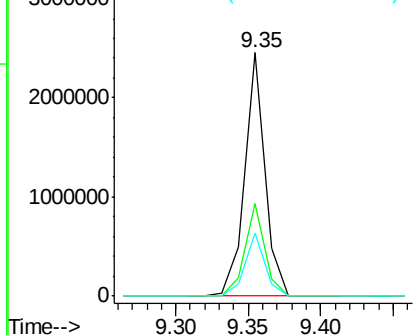


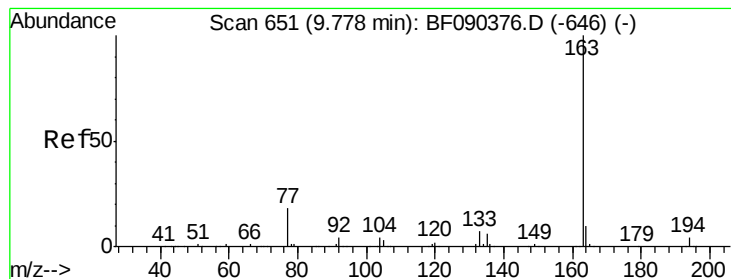
#44
 2-Fluorobiphenyl
 Concen: 71.52 ng
 RT: 9.35 min Scan# 614
 Delta R.T. -0.02 min
 Lab File: BF090475.D
 Acq: 8 Oct 2016 8:44

Tgt Ion:172 Resp: 2385394
 Ion Ratio Lower Upper
 172 100
 171 38.2 31.8 47.8
 170 26.1 21.7 32.5



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: 28.21 ng

RT: 9.75 min Scan# 649

Delta R.T. -0.02 min

Lab File: BF090475.D

Acq: 8 Oct 2016 8:44

Instrument :

BNA_F

ClientSampleId :

100516-11

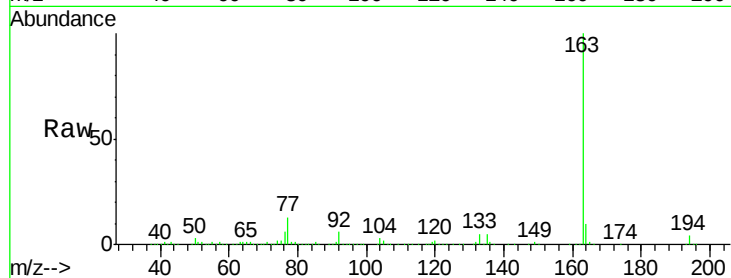
Tgt Ion:163 Resp: 1004060

Ion Ratio Lower Upper

163 100

194 4.0 2.8 4.2

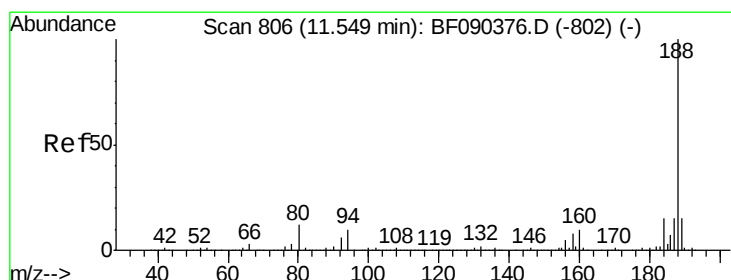
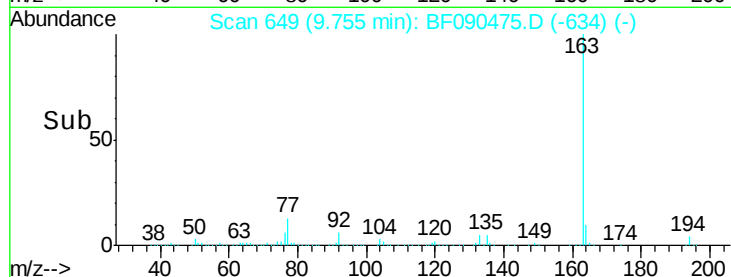
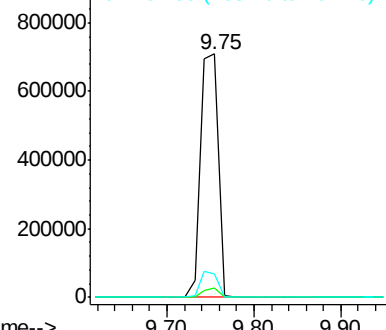
164 9.7 9.0 13.4



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: 11.53 min Scan# 804

Delta R.T. -0.02 min

Lab File: BF090475.D

Acq: 8 Oct 2016 8:44

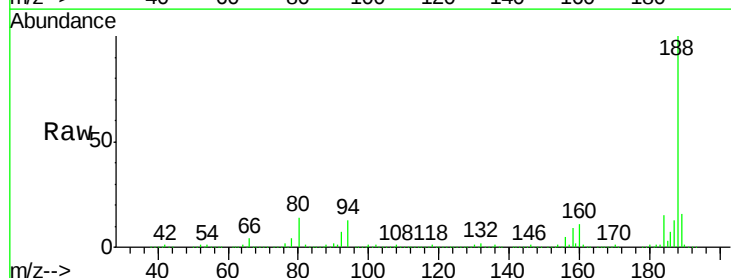
Tgt Ion:188 Resp: 865103

Ion Ratio Lower Upper

188 100

94 12.5 8.2 12.2#

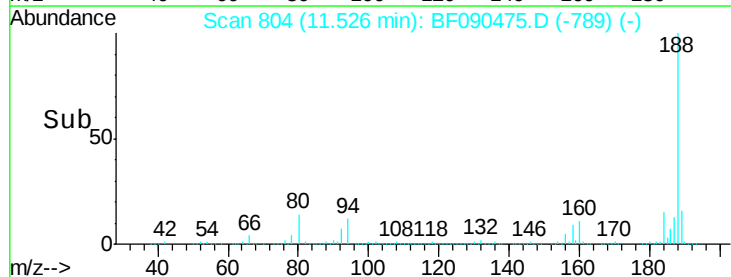
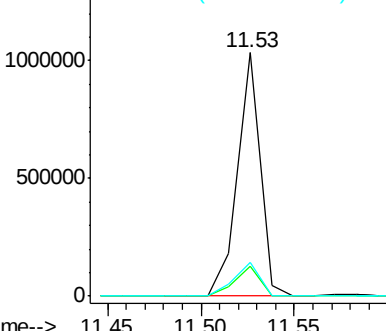
80 13.9 8.8 13.2#

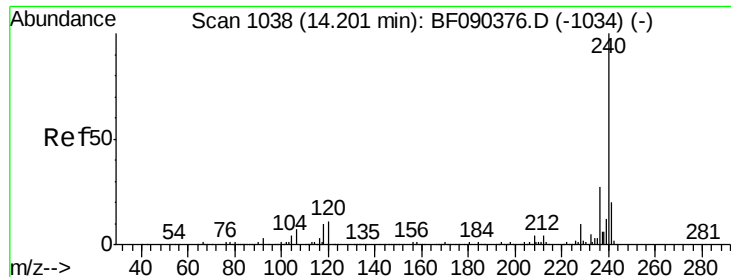


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.17 min Scan# 1035

Delta R.T. -0.03 min

Lab File: BF090475.D

Acq: 8 Oct 2016 8:44

Instrument :

BNA_F

ClientSampleId :

100516-11

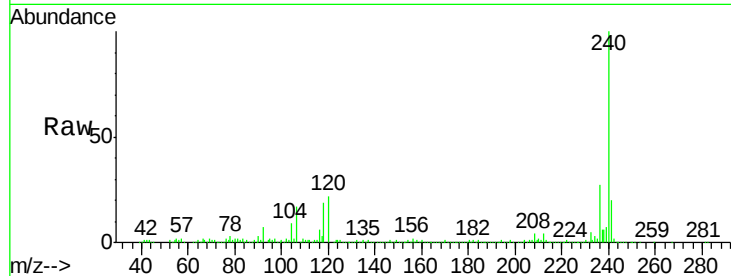
Tgt Ion:240 Resp: 480677

Ion Ratio Lower Upper

240 100

120 22.0 8.6 13.0#

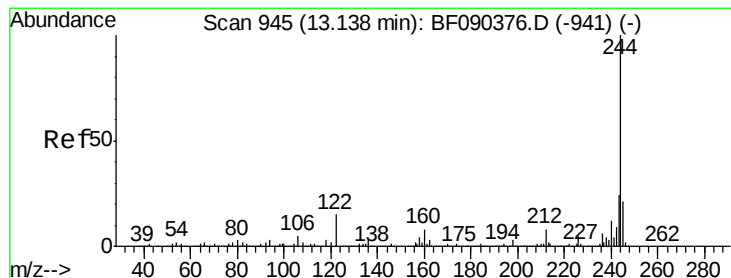
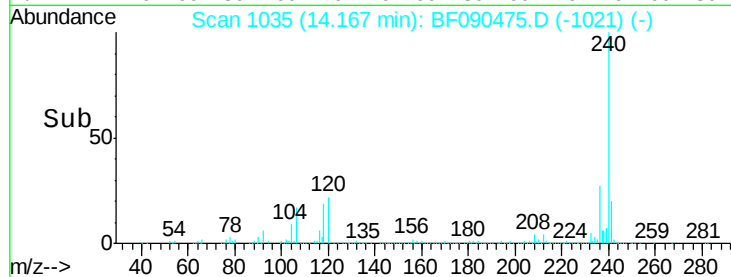
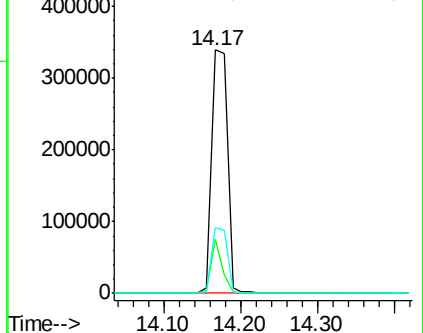
236 27.1 21.6 32.4



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: 91.78 ng

RT: 13.12 min Scan# 943

Delta R.T. -0.02 min

Lab File: BF090475.D

Acq: 8 Oct 2016 8:44

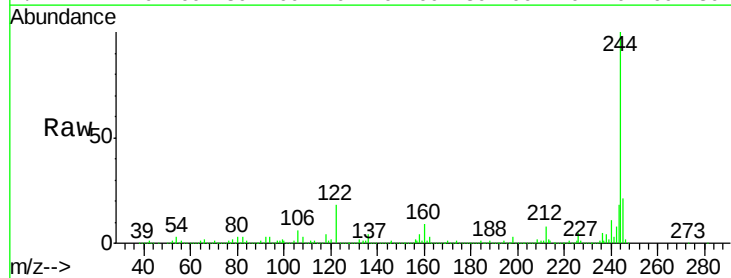
Tgt Ion:244 Resp: 1962311

Ion Ratio Lower Upper

244 100

212 7.8 6.8 10.2

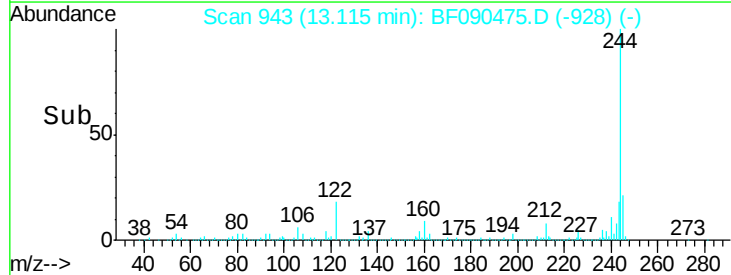
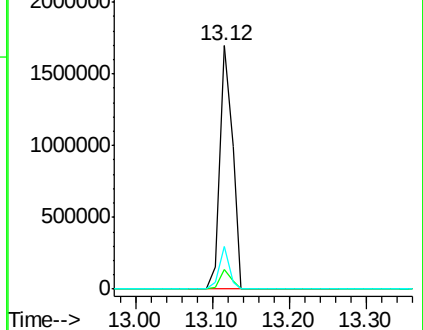
122 17.6 13.3 19.9

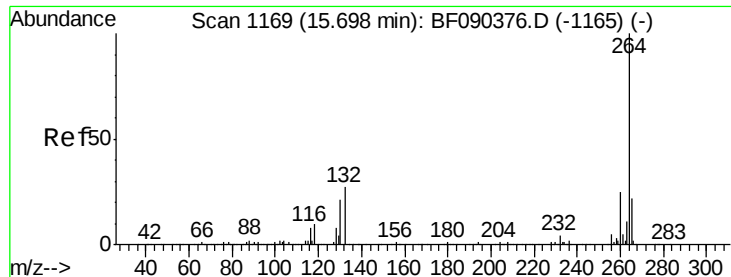


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.68 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BF090475.D
Acq: 8 Oct 2016 8:44

Instrument :
BNA_F
ClientSampleId :
100516-11

Tgt Ion: 264 Resp: 420902
Ion Ratio Lower Upper
264 100
260 25.4 19.3 28.9
265 21.9 17.4 26.0

