

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050316\
 Data File : BF086638.D
 Acq On : 3 May 2016 12:01
 Operator : UM/SJ
 Sample : H2779-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RODNEY-AVE-PS(0-2)K

Quant Time: May 03 13:17:08 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

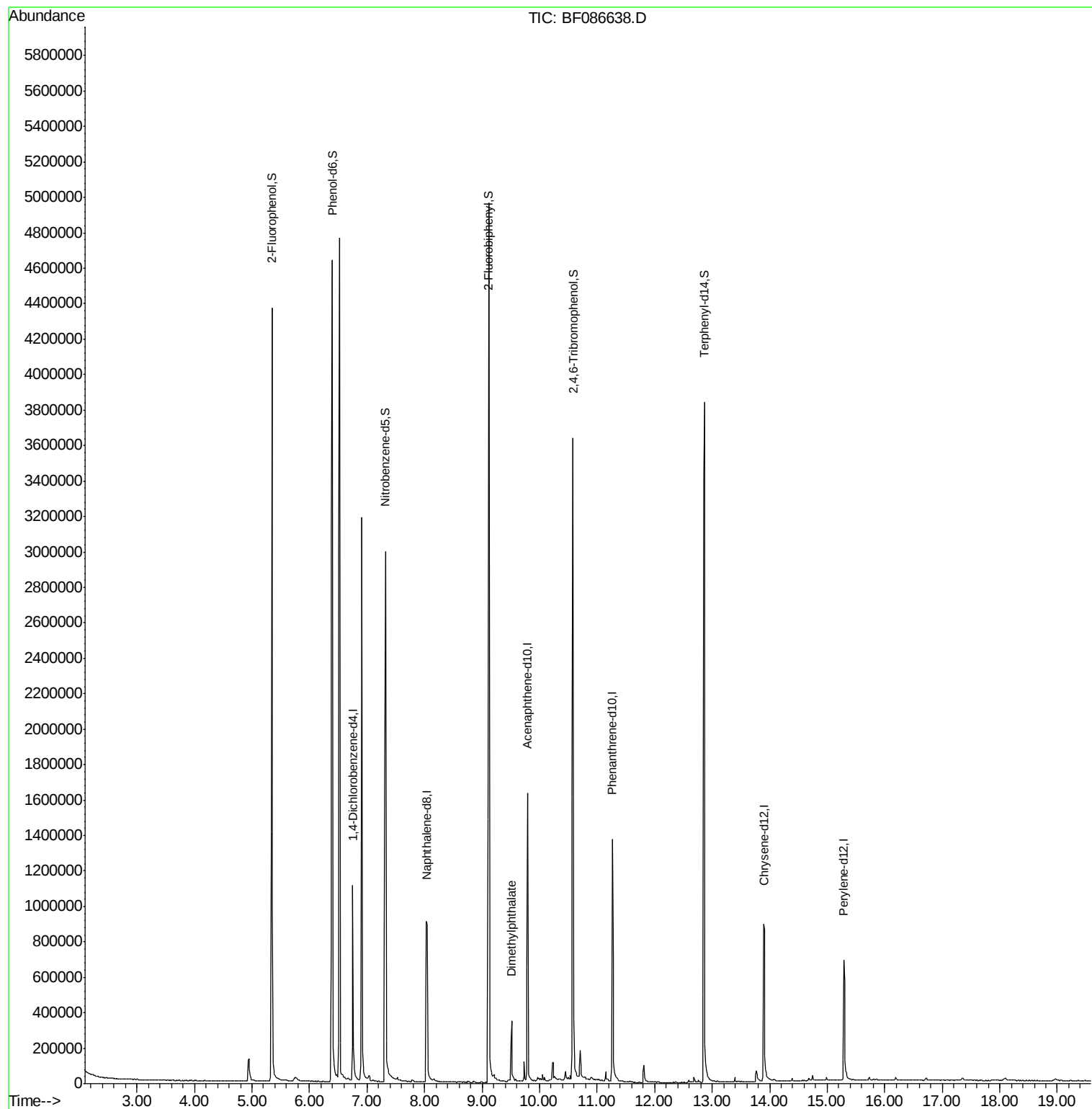
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	175701	20.00	ng	-0.06
21) Naphthalene-d8	8.04	136	698837	20.00	ng	-0.06
38) Acenaphthene-d10	9.79	164	358175	20.00	ng	-0.06
63) Phenanthrene-d10	11.26	188	658538	20.00	ng	-0.06
75) Chrysene-d12	13.91	240	534500	20.00	ng	-0.06
86) Perylene-d12	15.29	264	405641	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1230729	120.82	ng	-0.04
7) Phenol-d6	6.40	99	1968274	138.45	ng	-0.05
23) Nitrobenzene-d5	7.32	82	1276494	98.46	ng	-0.06
41) 2,4,6-Tribromophenol	10.58	330	459018	121.52	ng	-0.06
44) 2-Fluorobiphenyl	9.12	172	1737468	84.87	ng	-0.06
78) Terphenyl-d14	12.87	244	1843310	75.98	ng	-0.05
Target Compounds						Qvalue
49) Dimethylphthalate	9.52	163	190972	7.08	ng	99

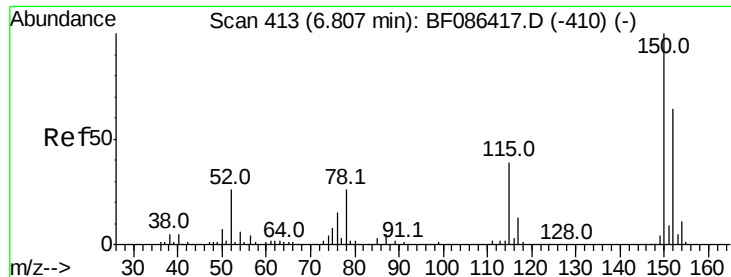
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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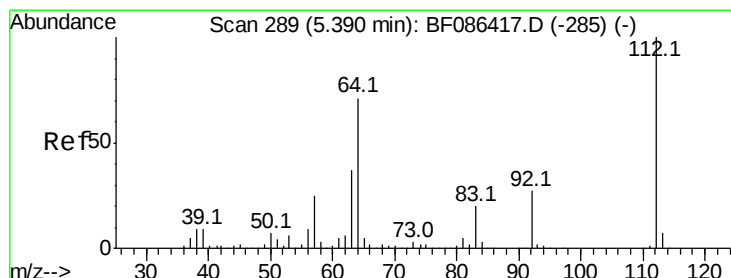
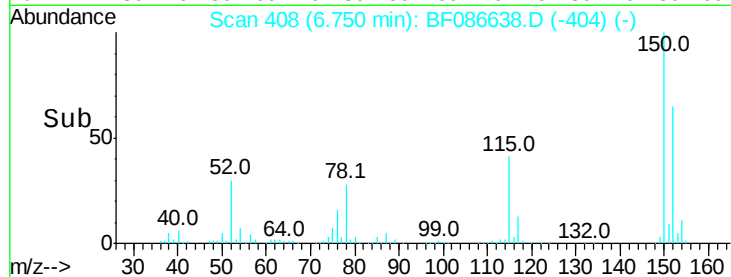
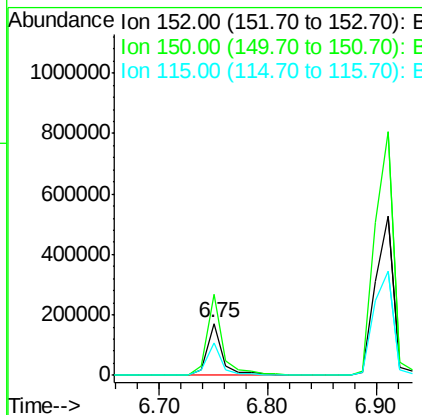
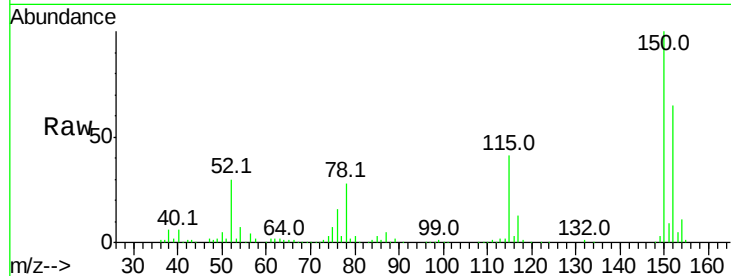


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.06 min
Lab File: BF086638.D
Acq: 3 May 2016 12:01

Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)K

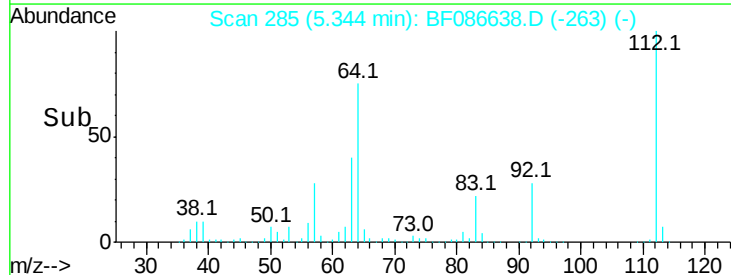
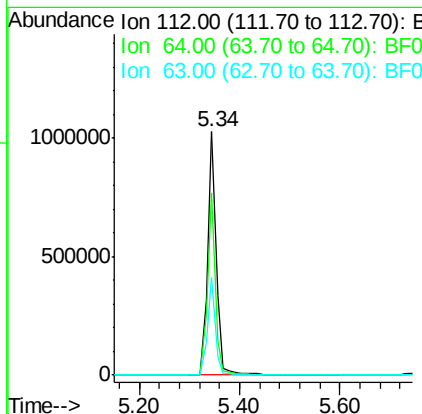
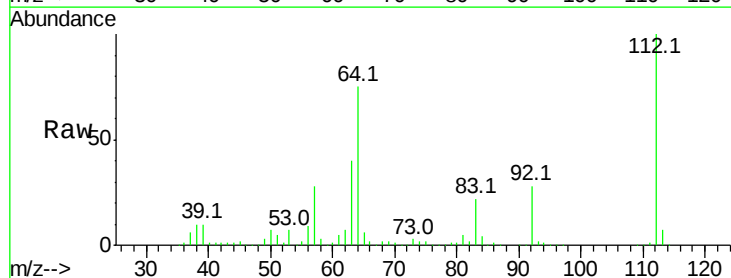
Tot Ion:152 Resp: 175701
Ion Ratio Lower Upper
152 100
150 154.6 125.8 188.6
115 63.2 51.5 77.3

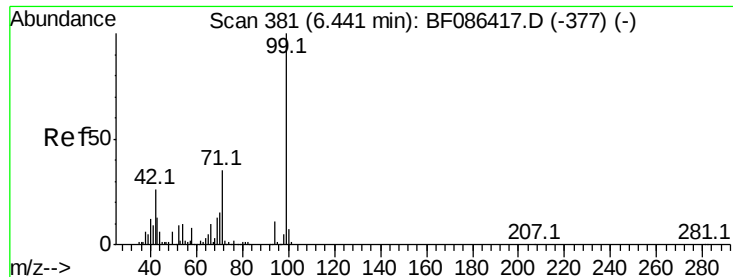


#5

2-Fluorophenol
Concen: 120.82 ng
RT: 5.34 min Scan# 285
Delta R.T. -0.04 min
Lab File: BF086638.D
Acq: 3 May 2016 12:01

Tgt Ion:112 Resp: 1230729
Ion Ratio Lower Upper
112 100
64 74.9 52.1 78.1
63 40.3 25.7 38.5#





#7

Phenol-d6

Concen: 138.45 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.05 min

Lab File: BF086638.D

Acq: 3 May 2016 12:01

Instrument :

BNA_F

ClientSampleId :

RODNEY-AVE-PS(0-2)K

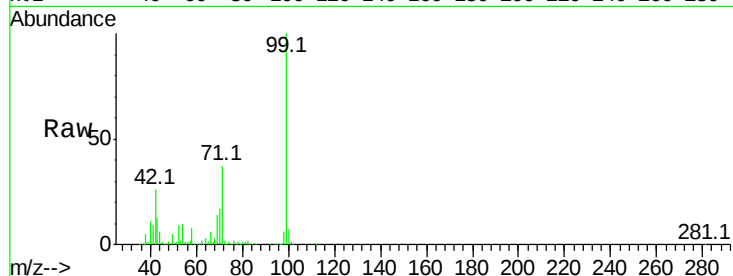
Tot Ion: 99 Resp: 1968274

Ion Ratio Lower Upper

99 100

42 26.0 13.6 20.4#

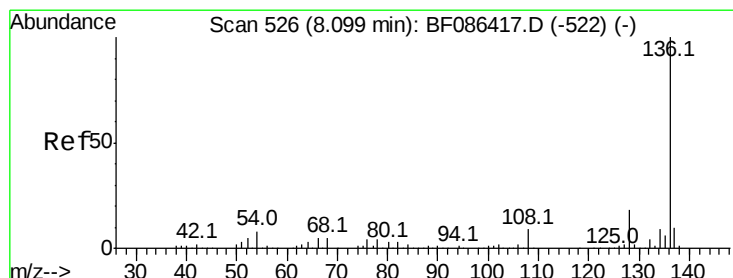
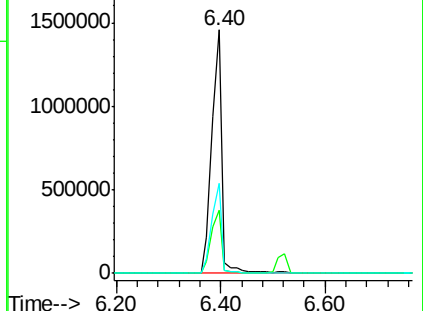
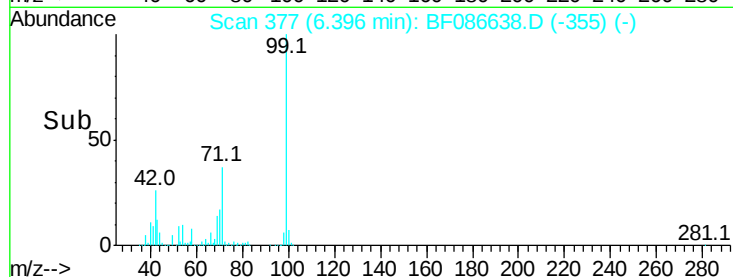
71 36.9 24.6 36.8#



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: 8.04 min Scan# 521

Delta R.T. -0.06 min

Lab File: BF086638.D

Acq: 3 May 2016 12:01

Tgt Ion: 136 Resp: 698837

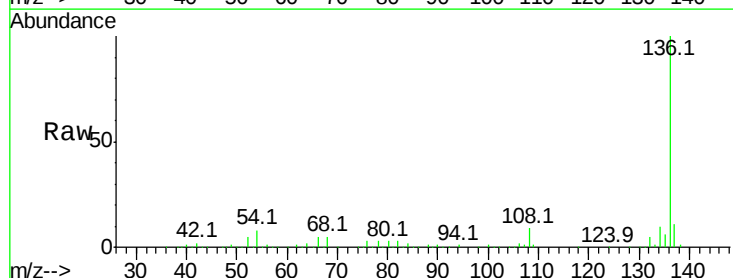
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 8.3 5.0 7.4#

68 4.9 4.4 6.6

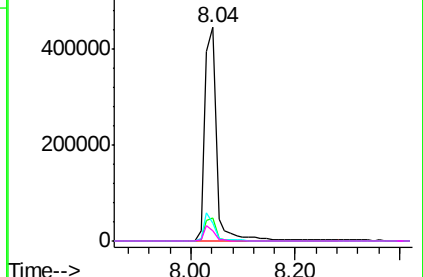
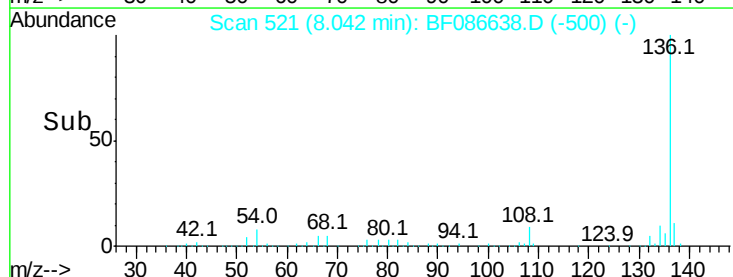


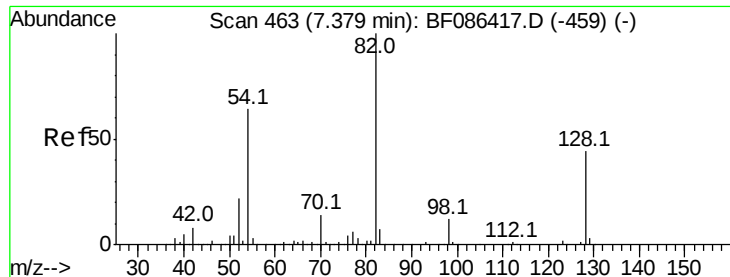
Abundance Ion 136.00 (135.70 to 136.70): E

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

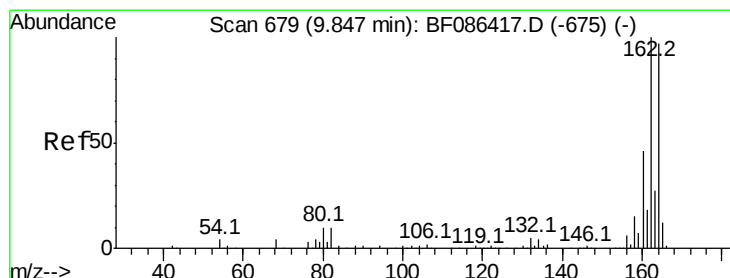
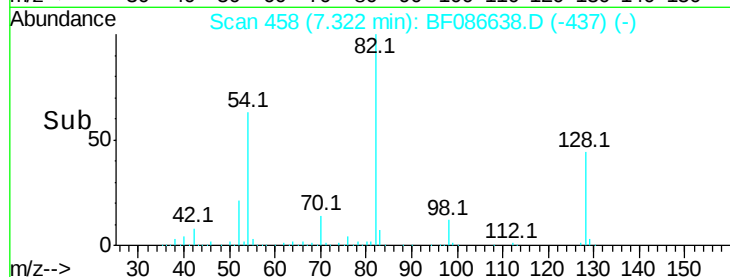
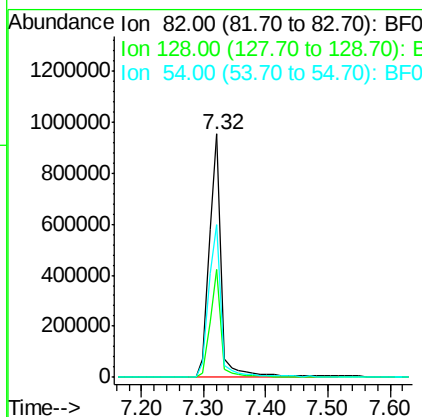
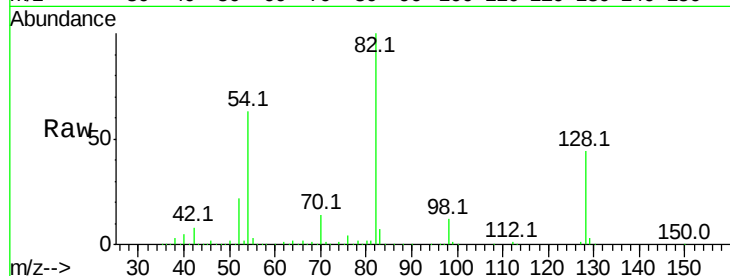




#23
 Nitrobenzene-d5
 Concen: 98.46 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.06 min
 Lab File: BF086638.D
 Acq: 3 May 2016 12:01

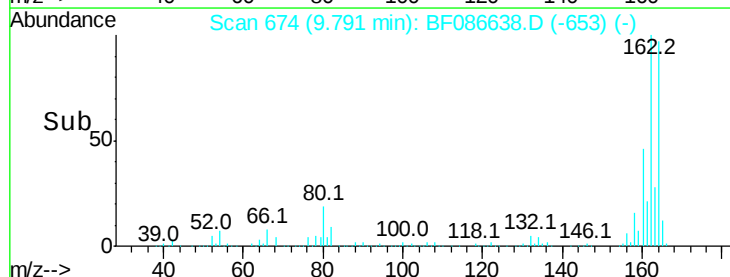
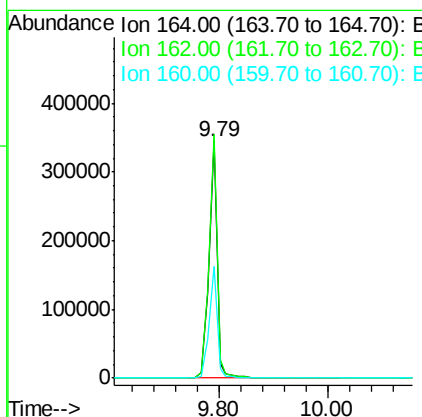
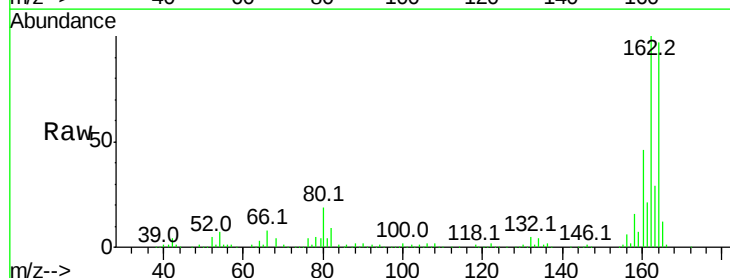
Instrument :
 BNA_F
 ClientSampleId :
 RODNEY-AVE-PS(0-2)K

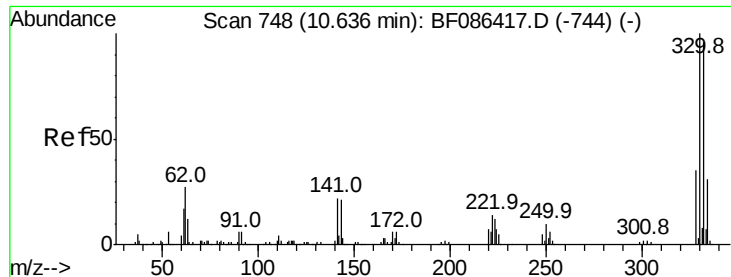
Tot Ion: 82 Resp: 1276494
 Ion Ratio Lower Upper
 82 100
 128 44.1 40.6 61.0
 54 63.0 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.06 min
 Lab File: BF086638.D
 Acq: 3 May 2016 12:01

Tgt Ion:164 Resp: 358175
 Ion Ratio Lower Upper
 164 100
 162 102.8 82.8 124.2
 160 47.3 36.9 55.3

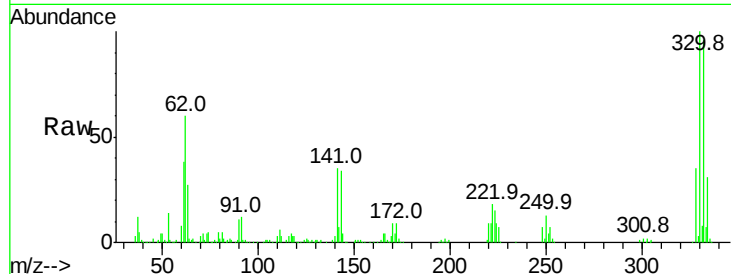




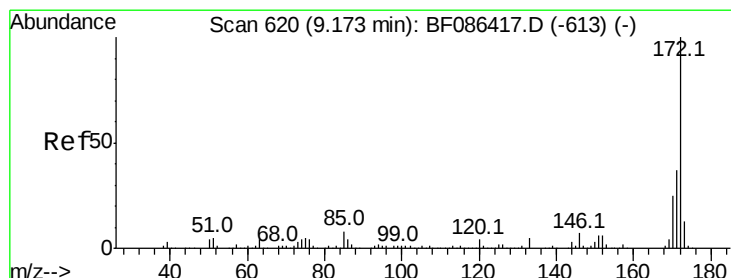
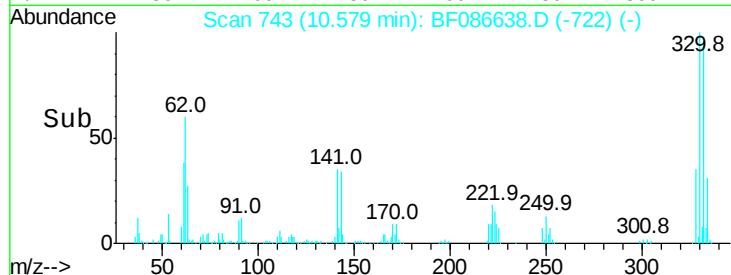
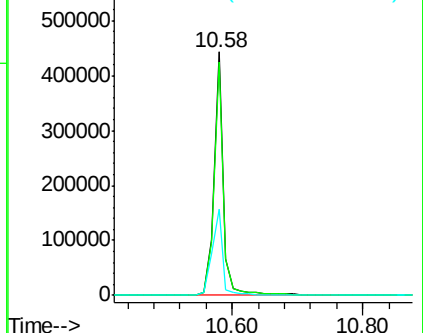
#41
 2,4,6-Tribromophenol
 Concen: 121.52 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.06 min
 Lab File: BF086638.D
 Acq: 3 May 2016 12:01

Instrument :
 BNA_F
 ClientSampleId :
 RODNEY-AVE-PS(0-2)K

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	79.0	118.4
141	39.4	31.2	46.8

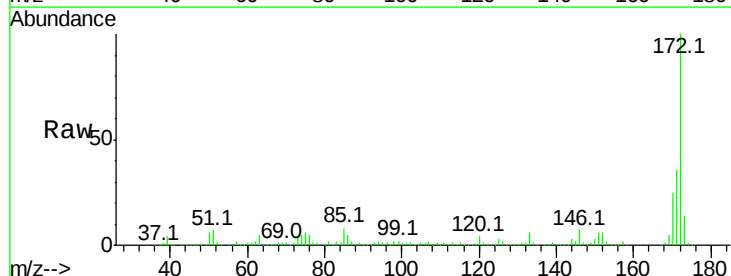


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

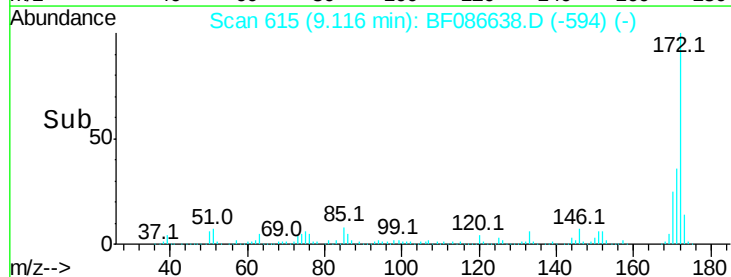
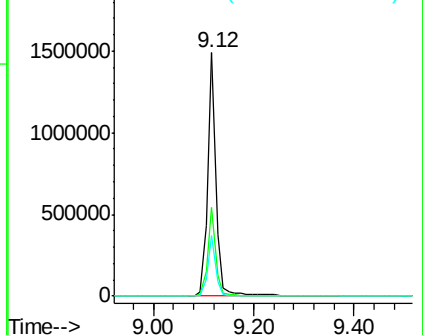


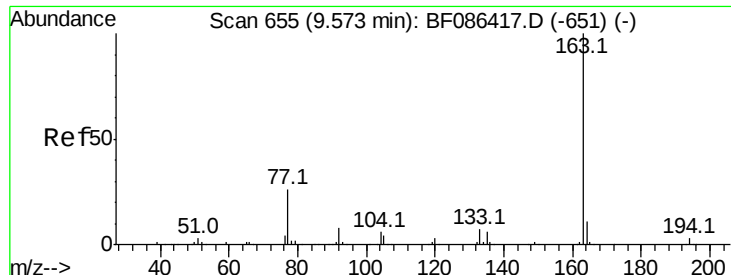
#44
 2-Fluorobiphenyl
 Concen: 84.87 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.06 min
 Lab File: BF086638.D
 Acq: 3 May 2016 12:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	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: 7.08 ng

RT: 9.52 min Scan# 650

Delta R.T. -0.06 min

Lab File: BF086638.D

Acq: 3 May 2016 12:01

Instrument :

BNA_F

ClientSampleId :

RODNEY-AVE-PS(0-2)K

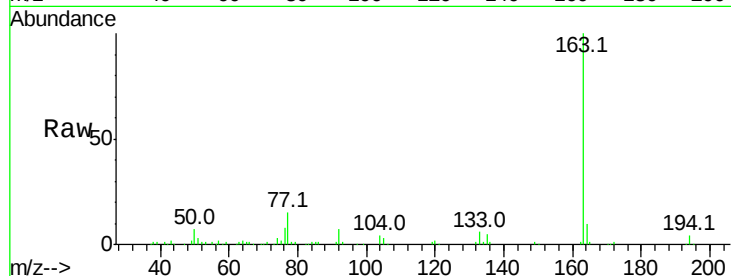
Tot Ion:163 Resp: 190972

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

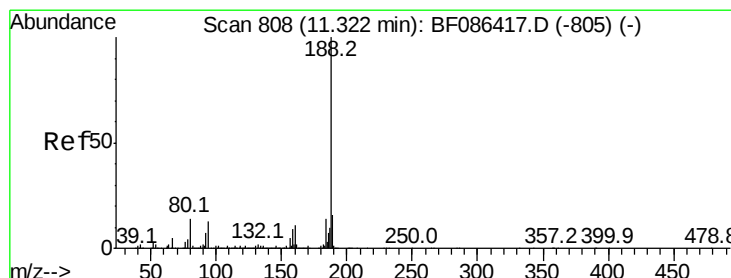
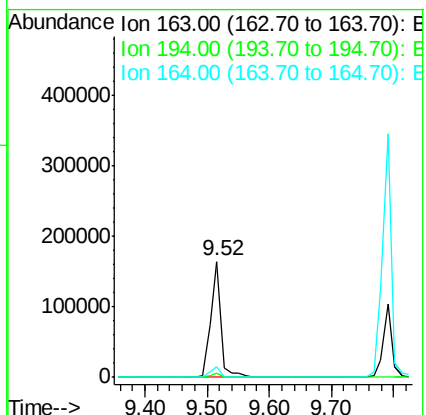
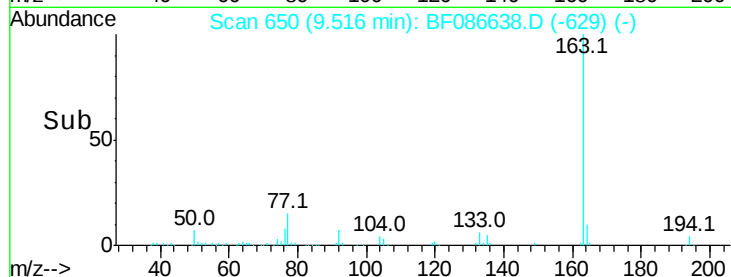
164 9.7 8.2 12.4



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: 11.26 min Scan# 803

Delta R.T. -0.06 min

Lab File: BF086638.D

Acq: 3 May 2016 12:01

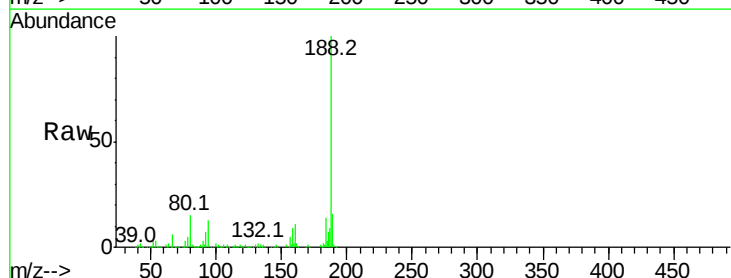
Tgt Ion:188 Resp: 658538

Ion Ratio Lower Upper

188 100

94 13.3 6.8 10.2#

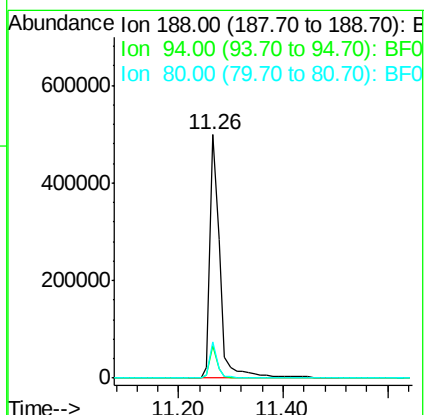
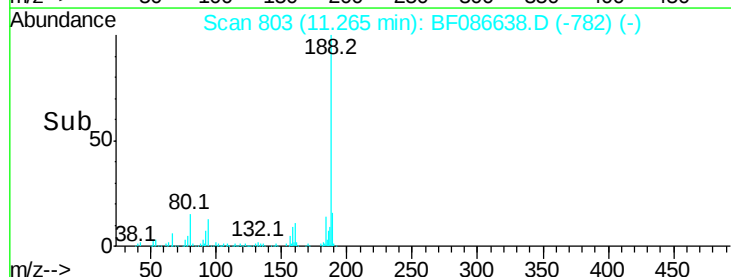
80 14.8 7.1 10.7#

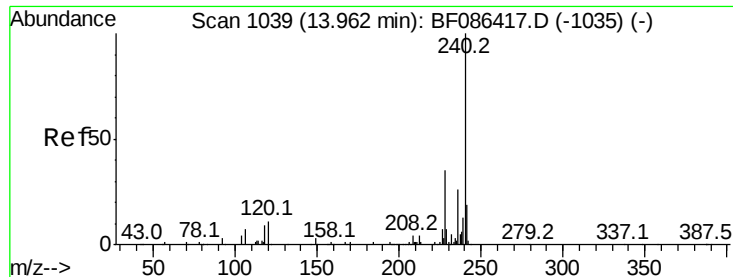


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.91 min Scan# 1034

Delta R.T. -0.06 min

Lab File: BF086638.D

Acq: 3 May 2016 12:01

Instrument :

BNA_F

ClientSampleId :

RODNEY-AVE-PS(0-2)K

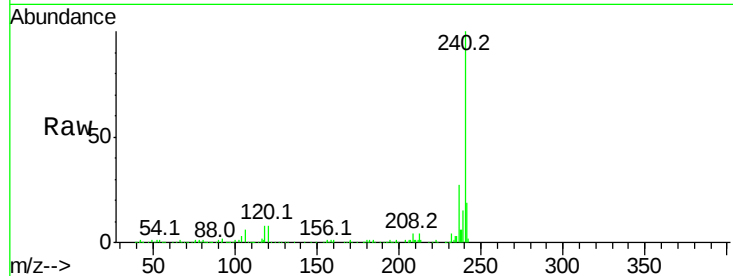
Tot Ion:240 Resp: 534500

Ion Ratio Lower Upper

240 100

120 8.3 11.2 16.8#

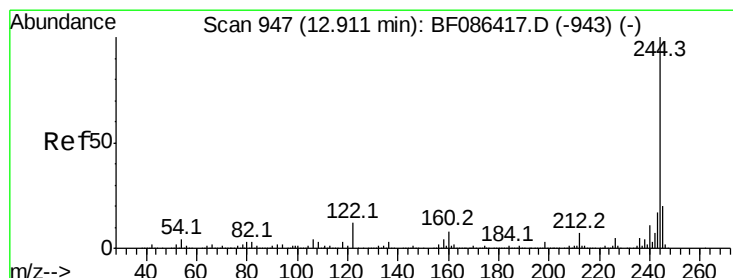
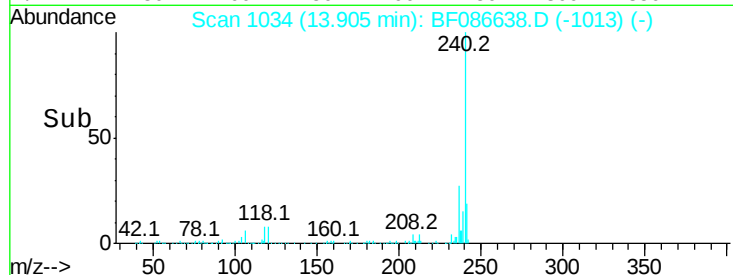
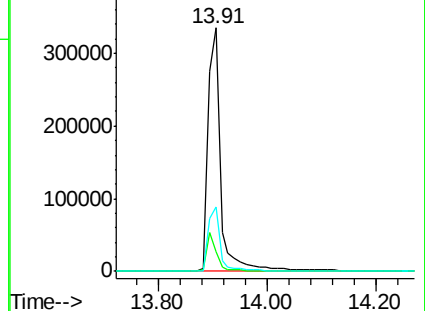
236 26.6 21.2 31.8



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: 75.98 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.05 min

Lab File: BF086638.D

Acq: 3 May 2016 12:01

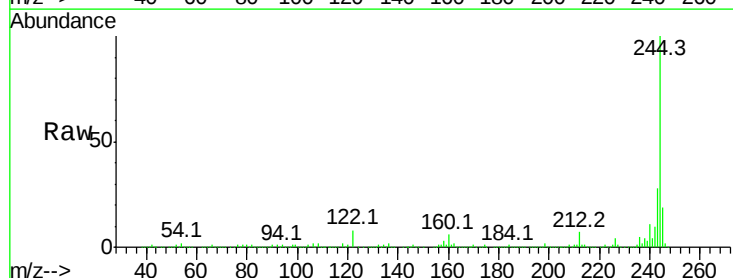
Tgt Ion:244 Resp: 1843310

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

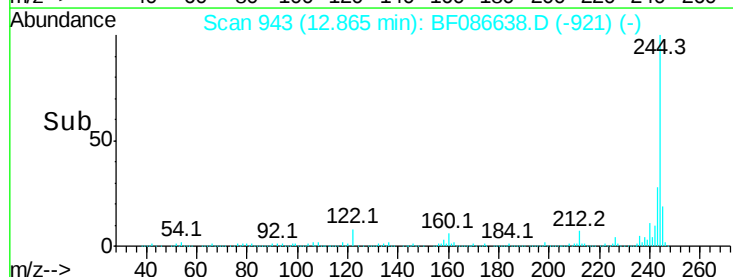
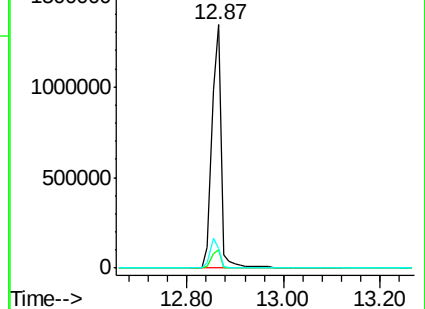
122 7.9 12.0 18.0#

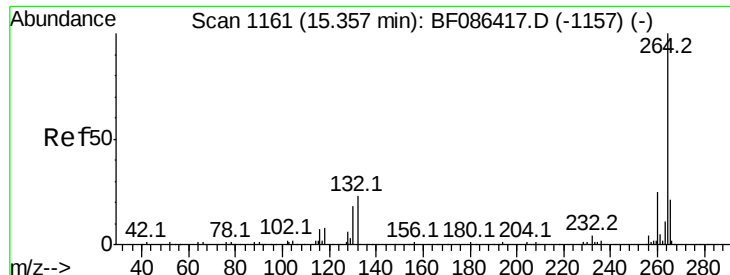


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

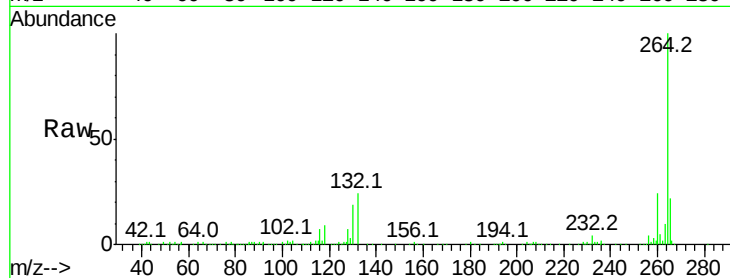




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.07 min
Lab File: BF086638.D
Acq: 3 May 2016 12:01

Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)K

Tot Ion: 264 Resp: 405641
Ion Ratio Lower Upper
264 100
260 23.8 19.5 29.3
265 21.6 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

