

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042816\
 Data File : BF086486.D
 Acq On : 29 Apr 2016 2:53
 Operator : UM/SJ
 Sample : H2654-15
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-3(0-6FTBGS)

Quant Time: Apr 29 07:01:39 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

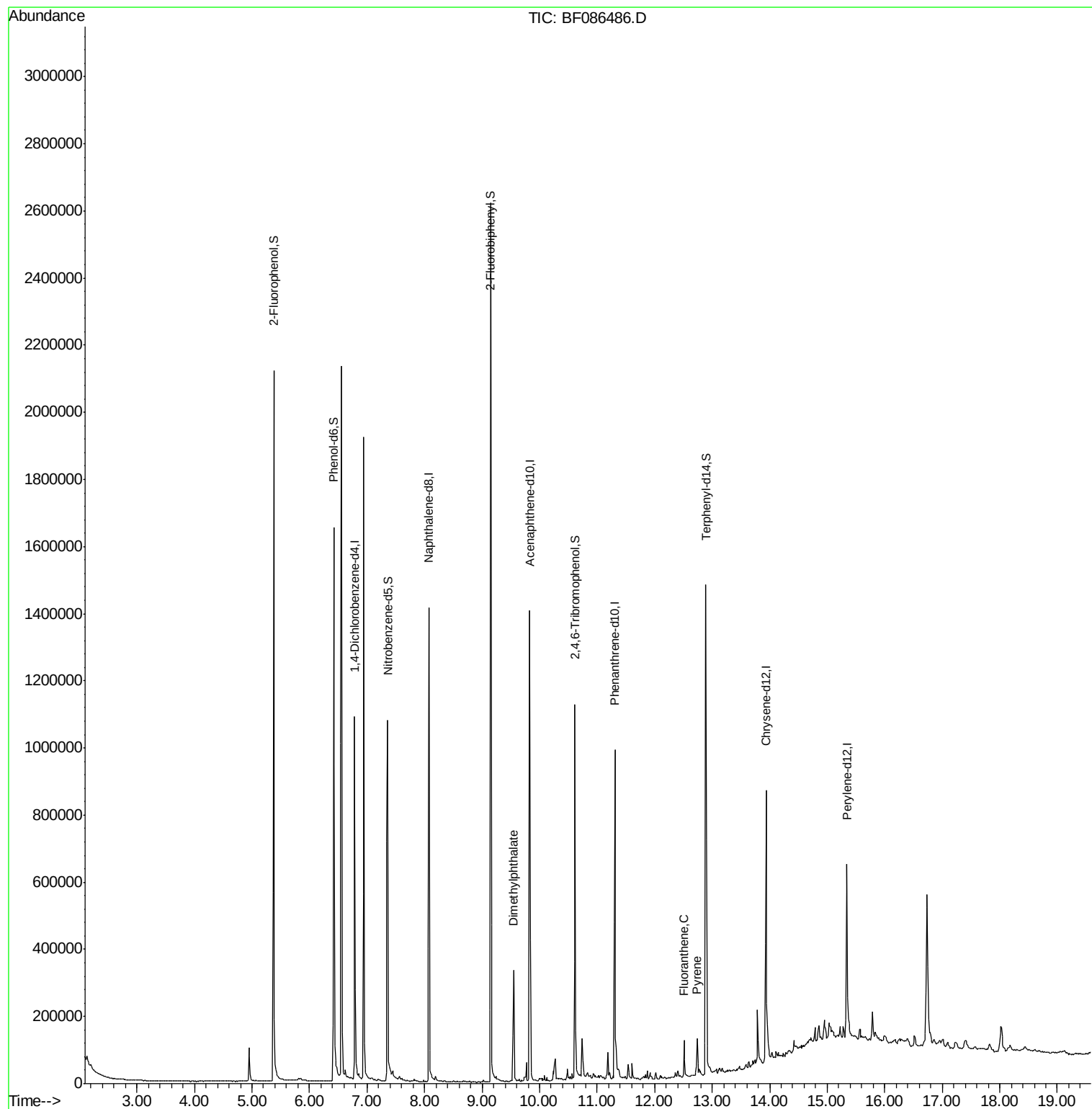
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	154724	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	660047	20.00	ng	-0.02
38) Acenaphthene-d10	9.82	164	275273	20.00	ng	-0.02
63) Phenanthrene-d10	11.31	188	455388	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	322522	20.00	ng	-0.02
86) Perylene-d12	15.35	264	308944	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	539159	60.11	ng	-0.01
7) Phenol-d6	6.42	99	714916	57.10	ng	-0.02
23) Nitrobenzene-d5	7.36	82	485923	39.68	ng	-0.02
41) 2,4,6-Tribromophenol	10.61	330	138549	47.73	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	774941	42.90	ng	-0.02
78) Terphenyl-d14	12.89	244	542765	37.08	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.55	163	150689	7.27	ng	98
74) Fluoranthene	12.51	202	53404	2.21	ng	98
77) Pyrene	12.74	202	51316	2.21	ng	99

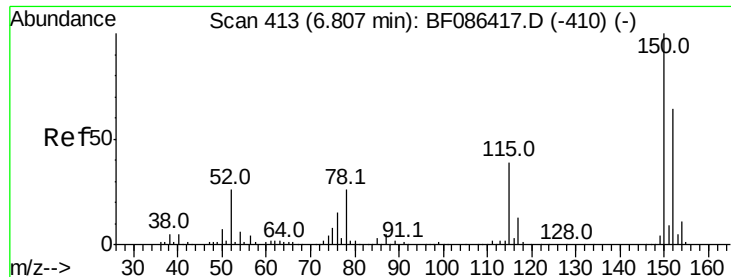
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.02 min

Lab File: BF086486.D

Acq: 29 Apr 2016 2:53

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-3(0-6FTBGS)

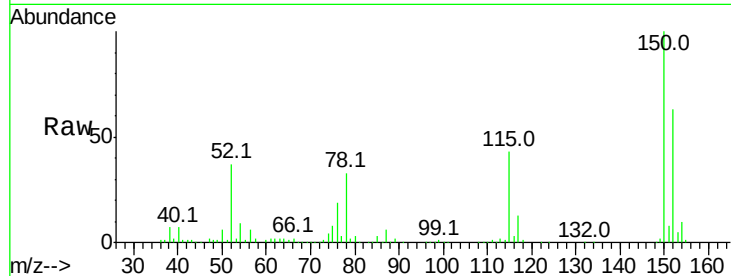
Tot Ion:152 Resp: 154724

Ion Ratio Lower Upper

152 100

150 158.2 125.8 188.6

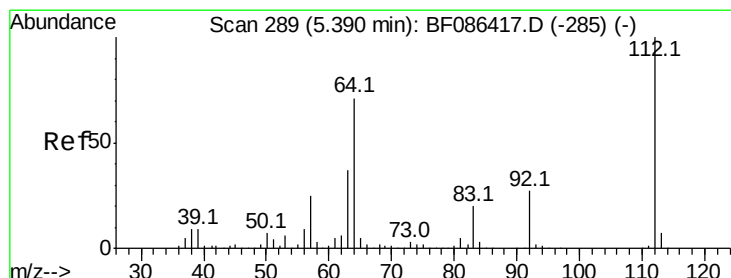
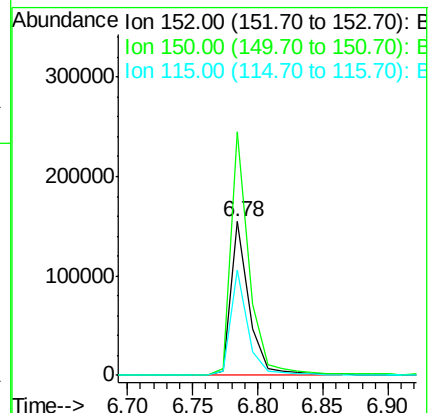
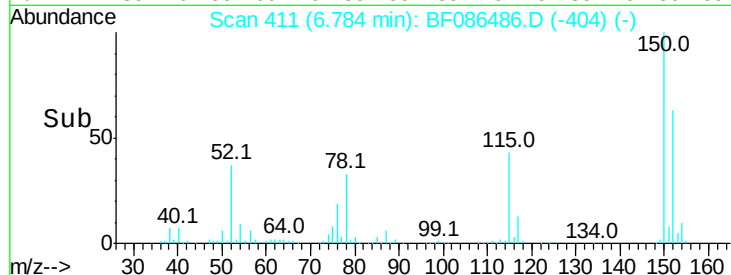
115 68.2 51.5 77.3



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: 60.11 ng

RT: 5.38 min Scan# 288

Delta R.T. -0.01 min

Lab File: BF086486.D

Acq: 29 Apr 2016 2:53

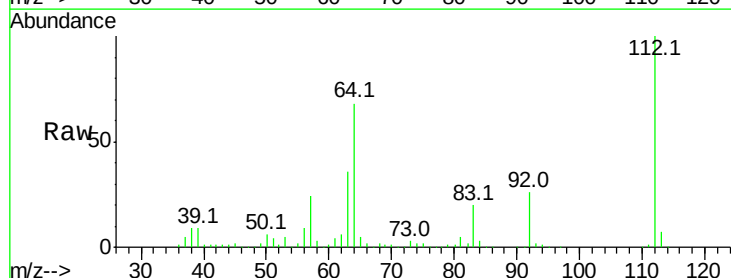
Tgt Ion:112 Resp: 539159

Ion Ratio Lower Upper

112 100

64 67.9 52.1 78.1

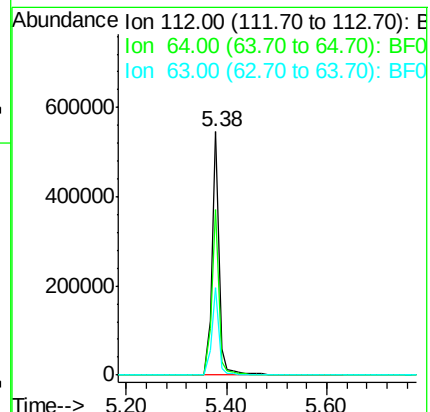
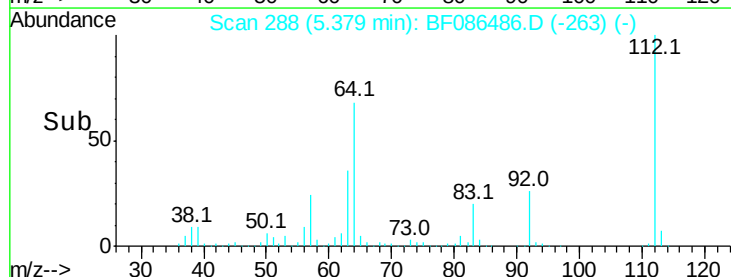
63 35.8 25.7 38.5

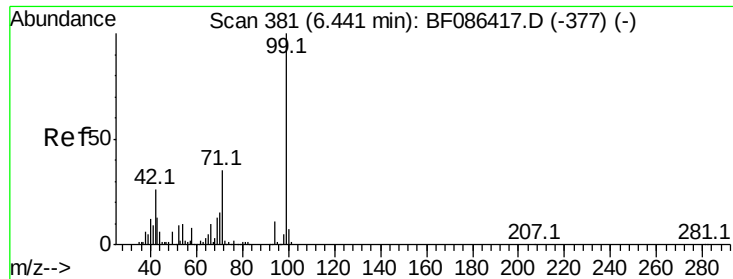


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 57.10 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF086486.D

Acq: 29 Apr 2016 2:53

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-3(0-6FTBGS)

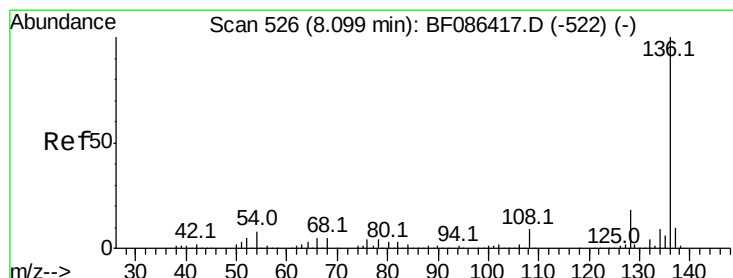
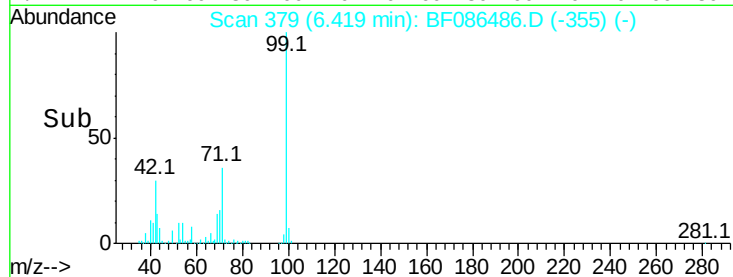
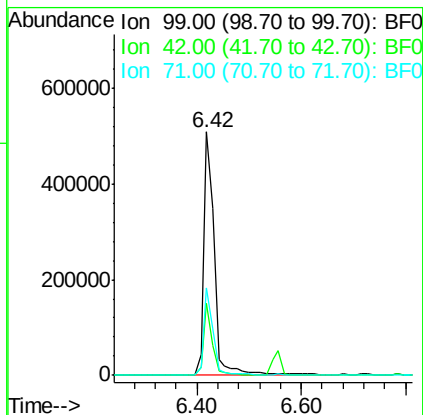
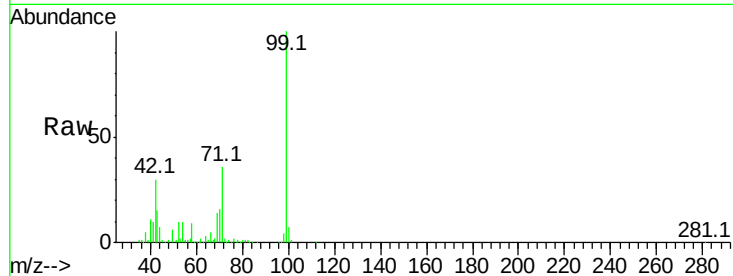
Tot Ion: 99 Resp: 714916

Ion Ratio Lower Upper

99 100

42 29.6 13.6 20.4#

71 35.9 24.6 36.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.02 min

Lab File: BF086486.D

Acq: 29 Apr 2016 2:53

Tgt Ion: 136 Resp: 660047

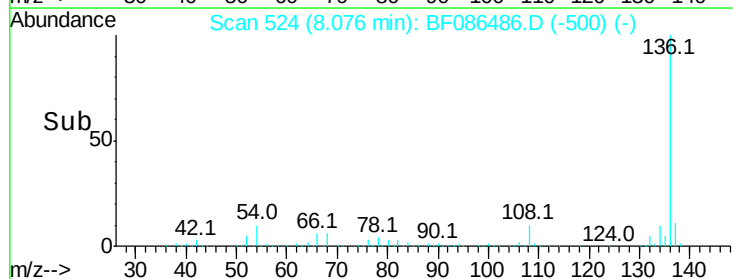
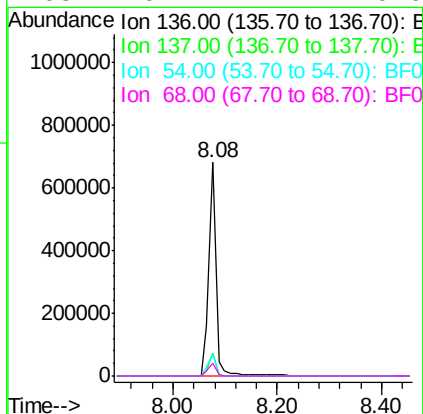
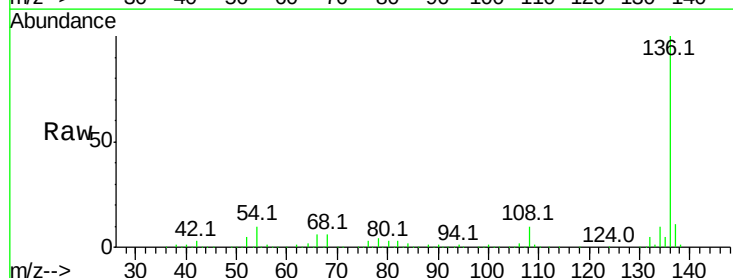
Ion Ratio Lower Upper

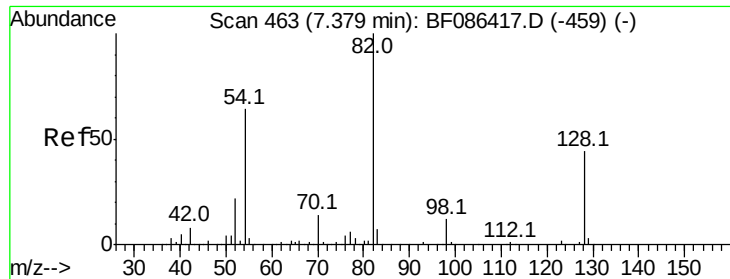
136 100

137 10.9 8.8 13.2

54 9.9 5.0 7.4#

68 6.2 4.4 6.6

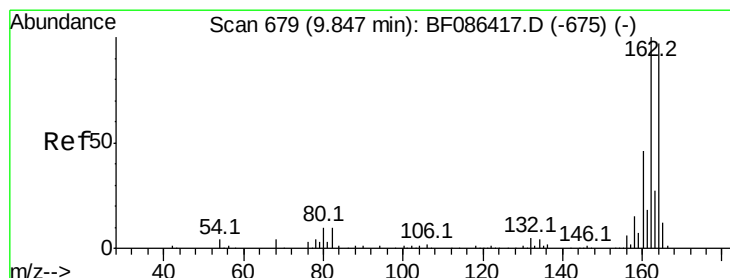
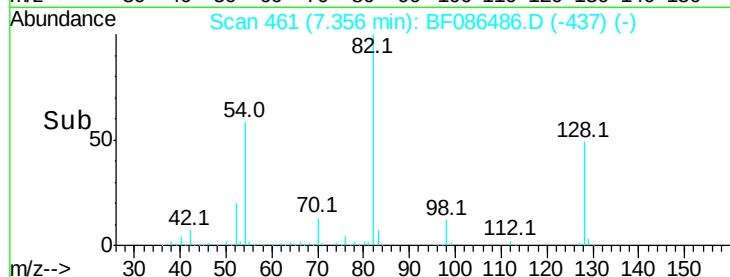
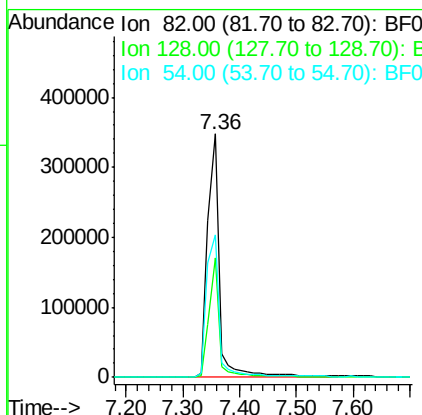
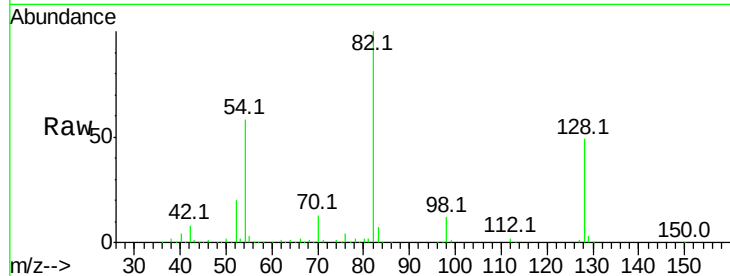




#23
 Nitrobenzene-d5
 Concen: 39.68 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.02 min
 Lab File: BF086486.D
 Acq: 29 Apr 2016 2:53

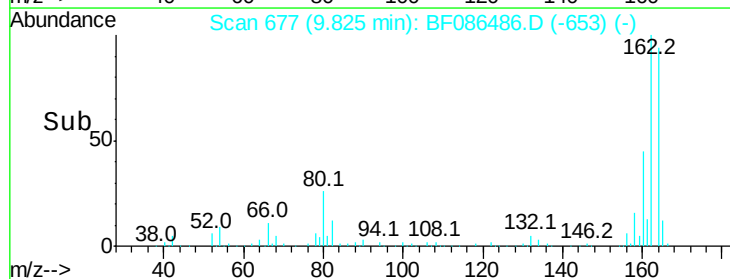
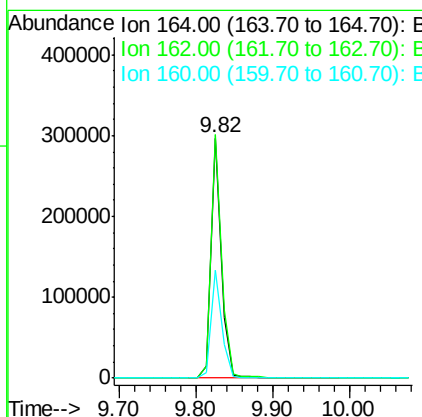
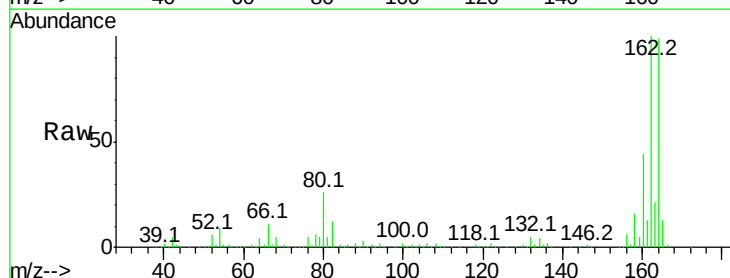
Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-3(0-6FTBGS)

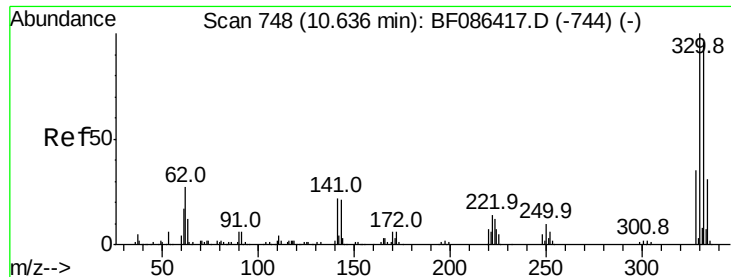
Tot Ion	Ratio	Lower	Upper
82	100		
128	49.1	40.6	61.0
54	58.4	38.1	57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.02 min
 Lab File: BF086486.D
 Acq: 29 Apr 2016 2:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	82.8	124.2
160	45.1	36.9	55.3

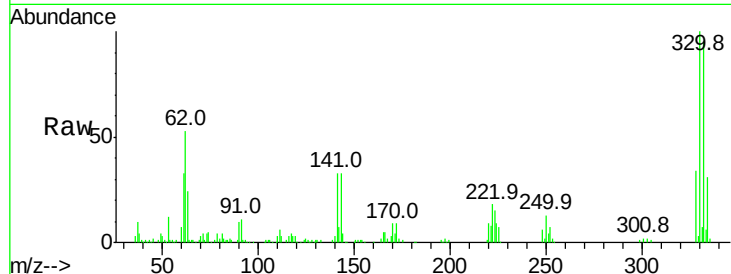




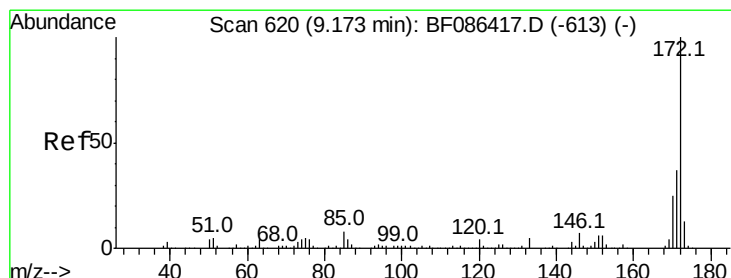
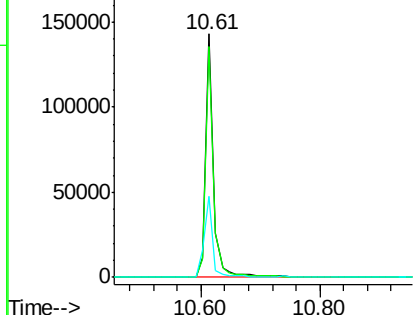
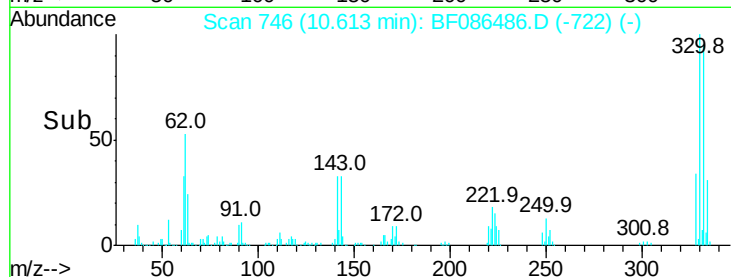
#41
 2,4,6-Tribromophenol
 Concen: 47.73 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.02 min
 Lab File: BF086486.D
 Acq: 29 Apr 2016 2:53

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-3(0-6FTBGS)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	79.0	118.4
141	36.7	31.2	46.8

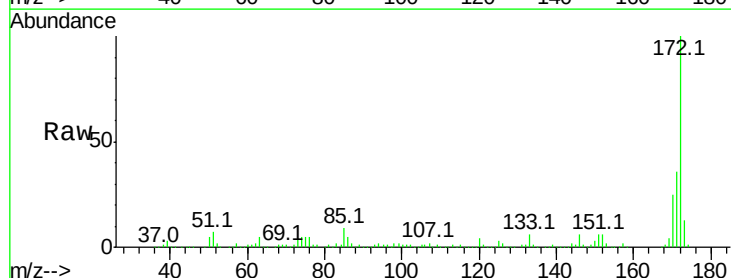


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

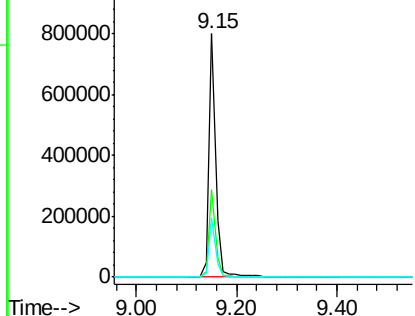
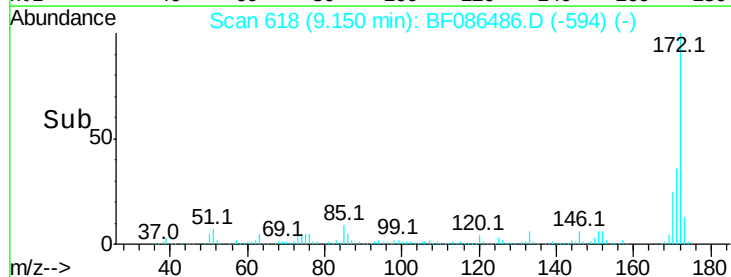


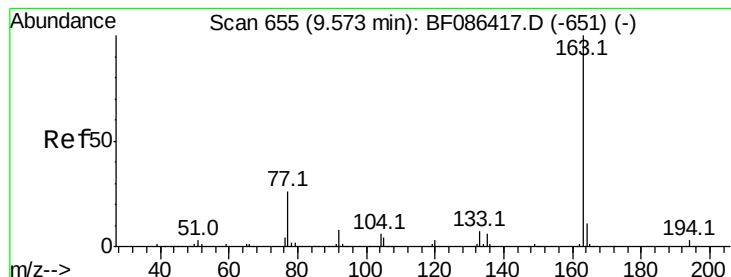
#44
 2-Fluorobiphenyl
 Concen: 42.90 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF086486.D
 Acq: 29 Apr 2016 2:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	24.5	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: 7.27 ng

RT: 9.55 min Scan# 653

Delta R.T. -0.02 min

Lab File: BF086486.D

Acq: 29 Apr 2016 2:53

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-3(0-6FTBGS)

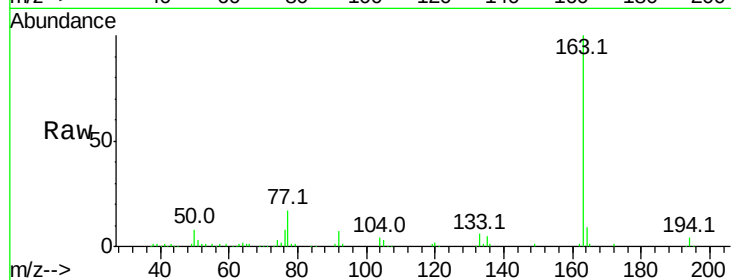
Tot Ion:163 Resp: 150689

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

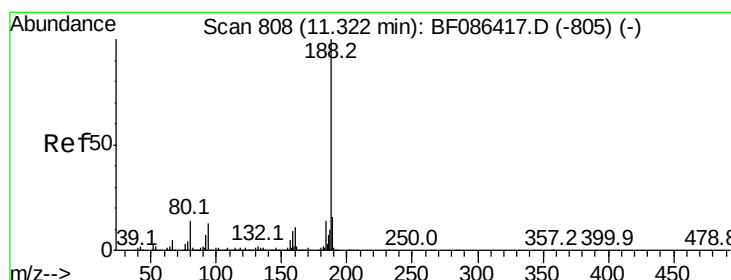
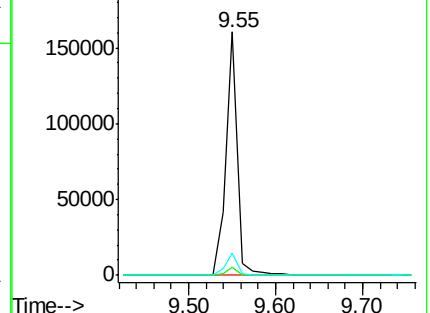
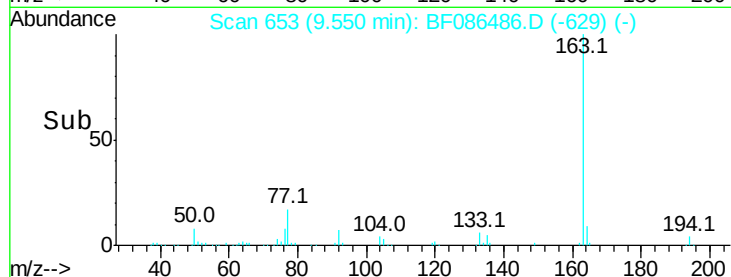
164 9.2 8.2 12.4



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: 11.31 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF086486.D

Acq: 29 Apr 2016 2:53

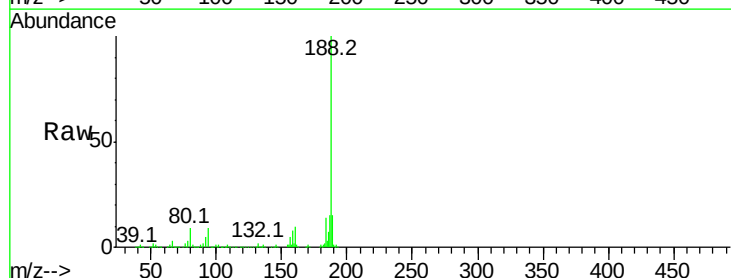
Tgt Ion:188 Resp: 455388

Ion Ratio Lower Upper

188 100

94 8.6 6.8 10.2

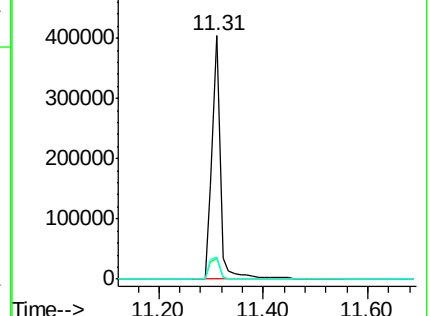
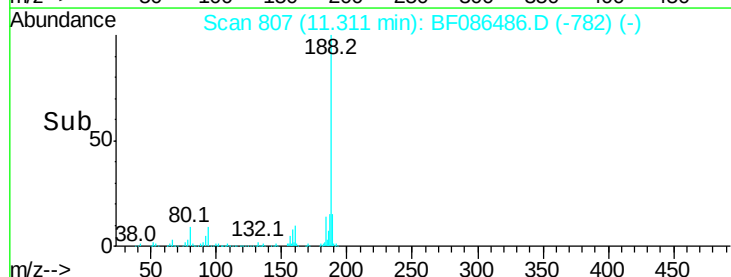
80 9.0 7.1 10.7

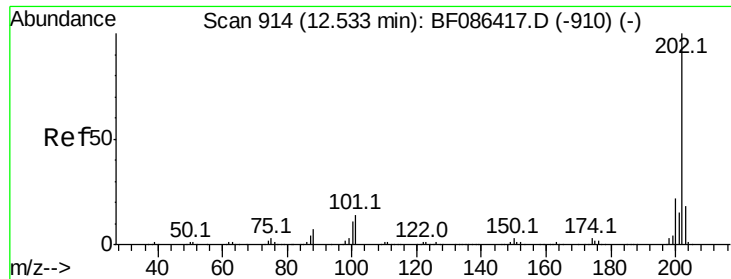


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

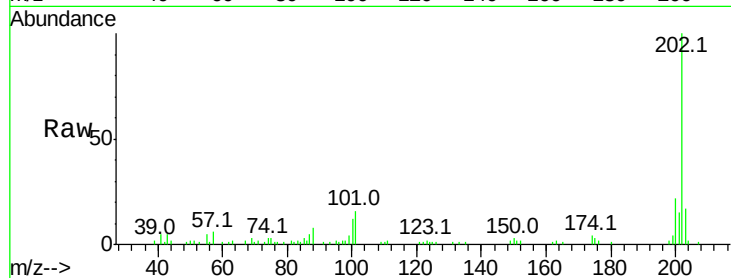




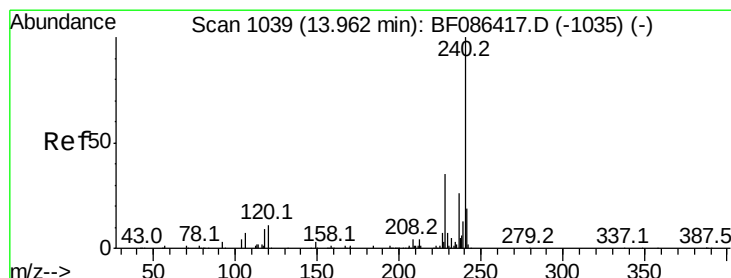
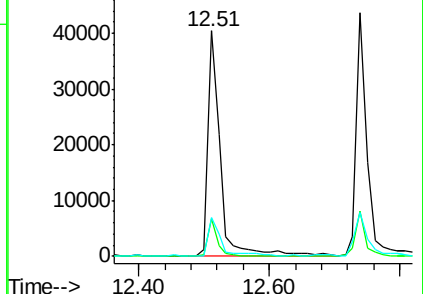
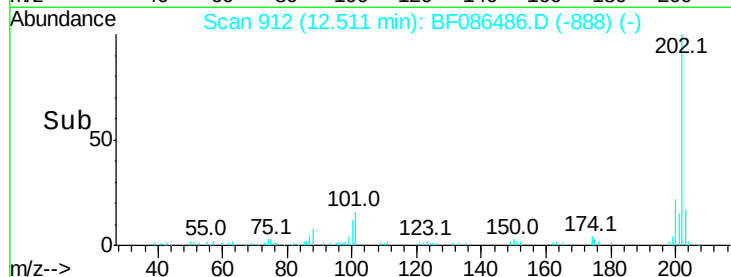
#74
 Fluoranthene
 Concen: 2.21 ng
 RT: 12.51 min Scan# 912
 Delta R.T. -0.02 min
 Lab File: BF086486.D
 Acq: 29 Apr 2016 2:53

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-3(0-6FTBGS)

Tot Ion:202 Resp: 53404
 Ion Ratio Lower Upper
 202 100
 101 16.4 0.0 35.4
 203 17.0 0.0 38.1

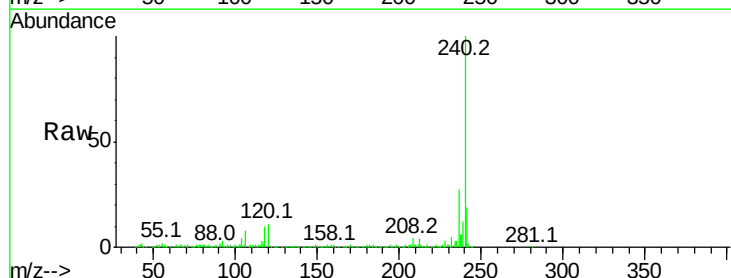


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

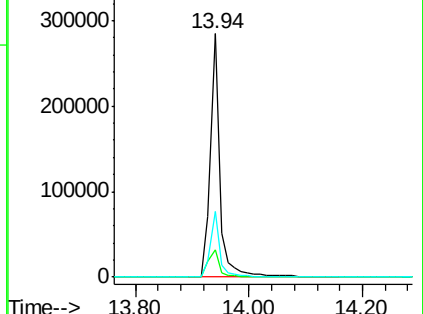
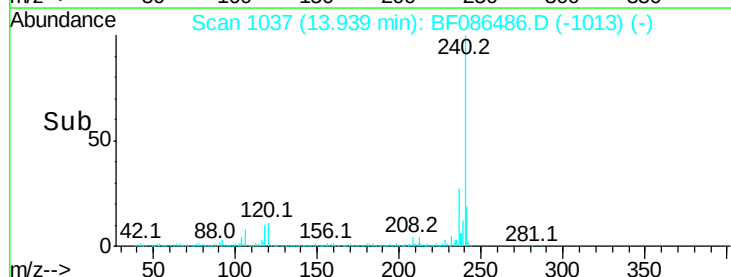


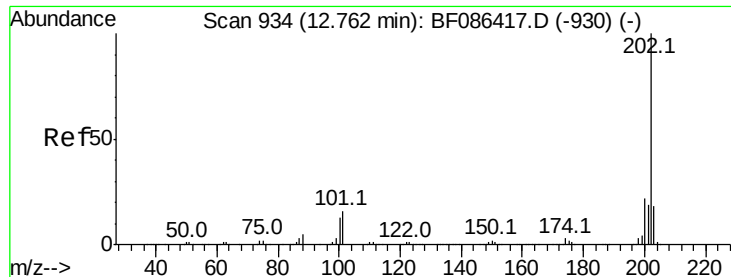
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BF086486.D
 Acq: 29 Apr 2016 2:53

Tgt Ion:240 Resp: 322522
 Ion Ratio Lower Upper
 240 100
 120 11.4 11.2 16.8
 236 26.9 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





#77

Pvrene

Concen: 2.21 ng

RT: 12.74 min Scan# 932

Delta R.T. -0.02 min

Lab File: BF086486.D

Acq: 29 Apr 2016 2:53

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-3(0-6FTBGS)

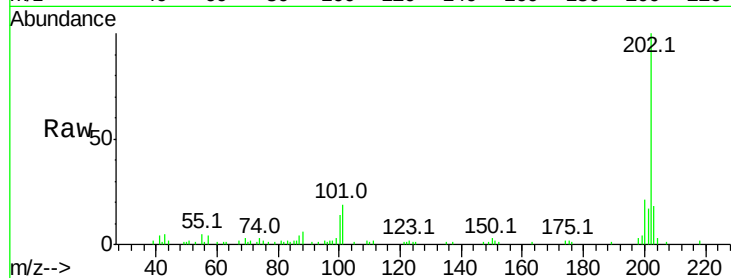
Tot Ion:202 Resp: 51316

Ion Ratio Lower Upper

202 100

200 21.1 17.7 26.5

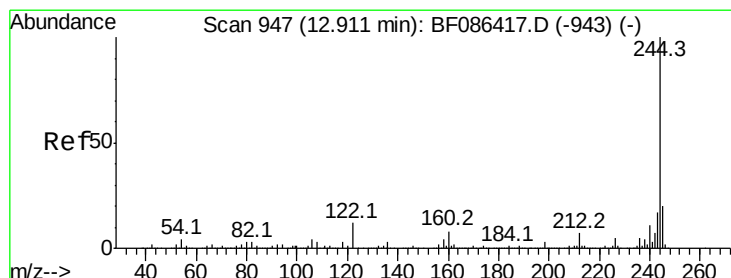
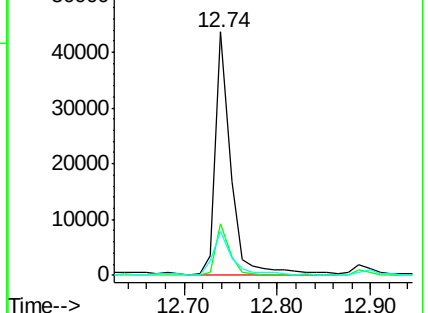
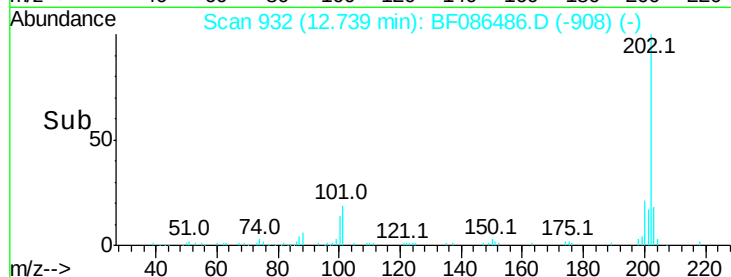
203 17.9 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 37.08 ng

RT: 12.89 min Scan# 945

Delta R.T. -0.02 min

Lab File: BF086486.D

Acq: 29 Apr 2016 2:53

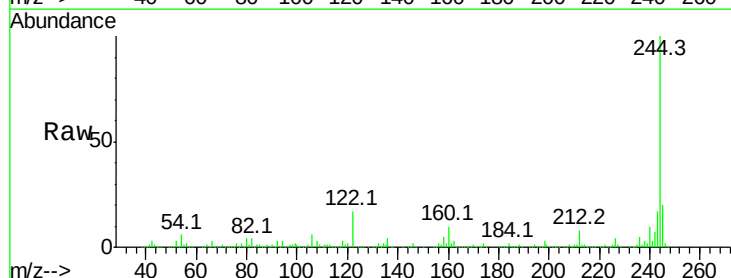
Tgt Ion:244 Resp: 542765

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

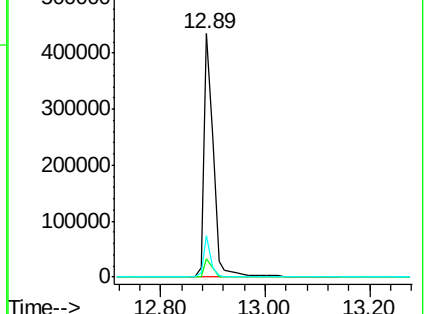
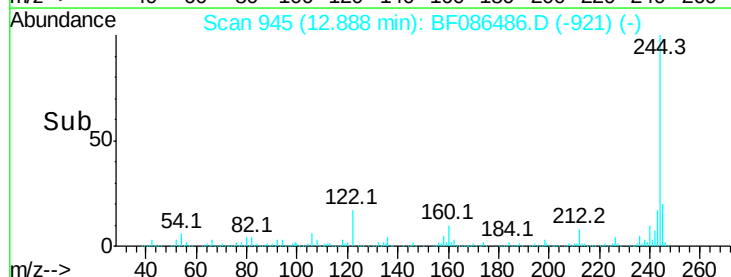
122 17.1 12.0 18.0

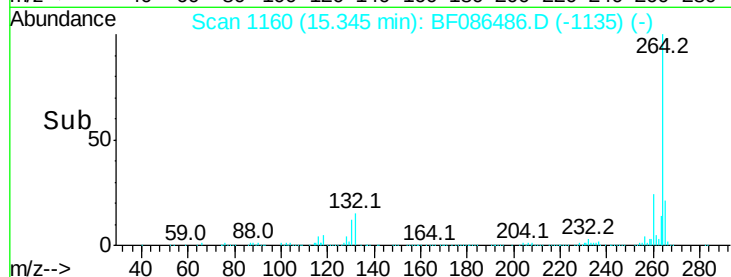
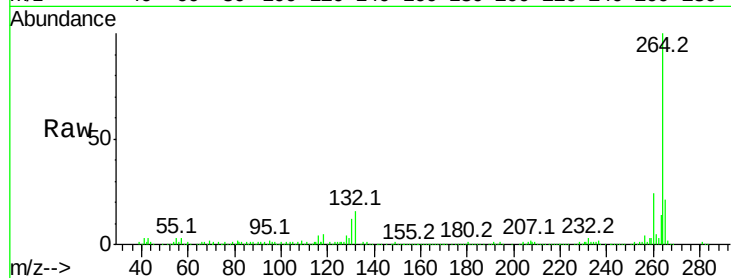
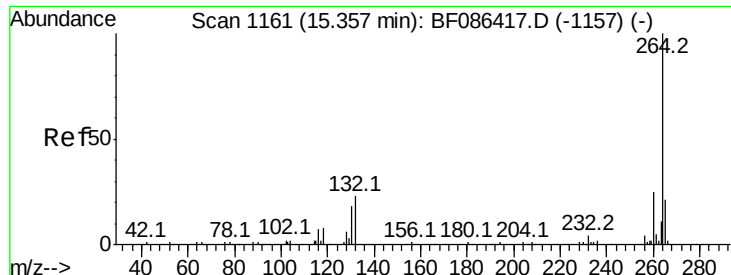


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.35 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF086486.D
Acq: 29 Apr 2016 2:53

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-3(0-6FTBGS)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	20.7	17.3	25.9

