

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042916\
 Data File : BF086506.D
 Acq On : 29 Apr 2016 21:53
 Operator : UM/SJ
 Sample : H2757-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B5(1)

Quant Time: May 02 11:44:07 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

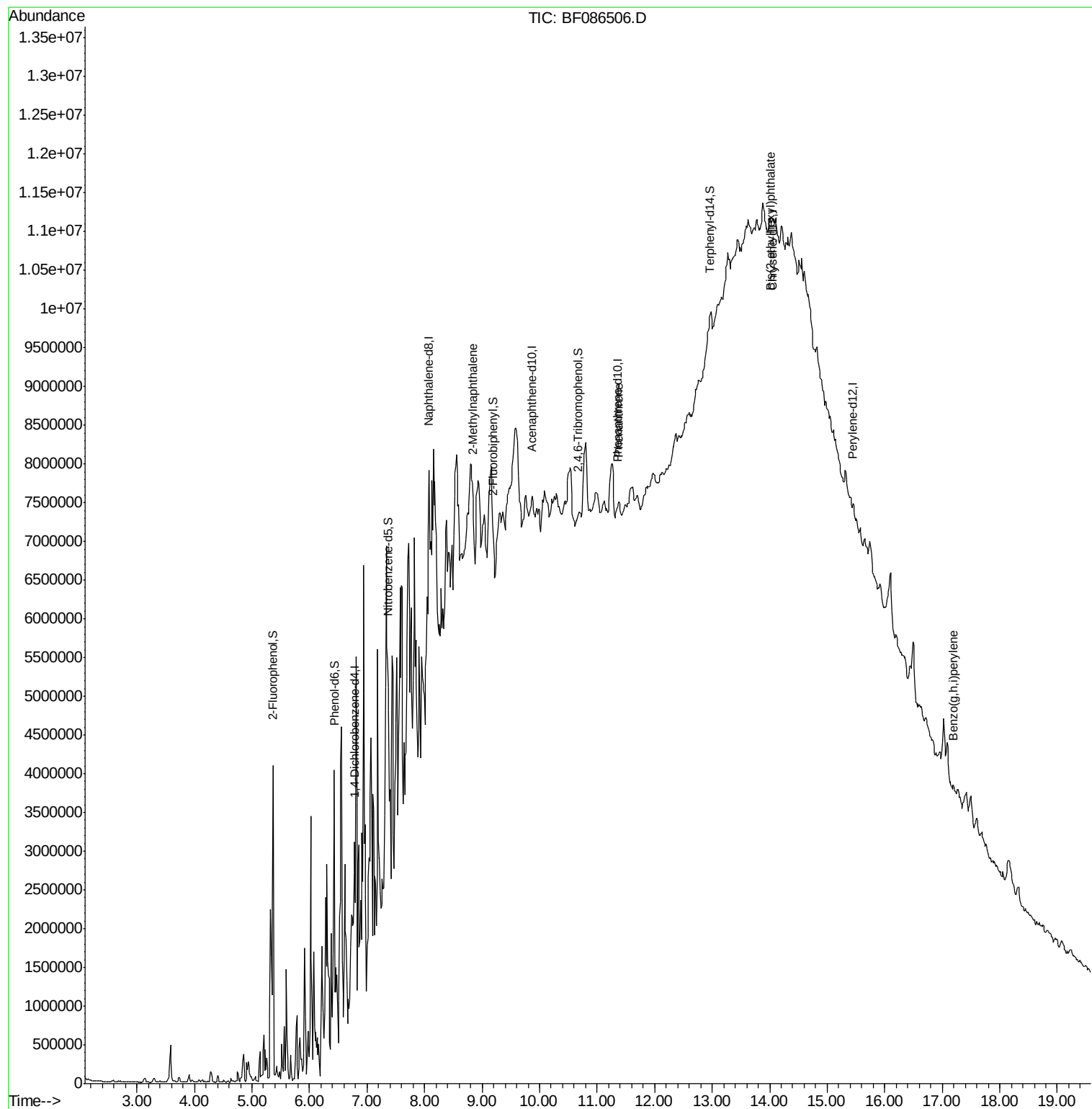
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	123249	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	296051	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	141733	20.00	ng	0.02
63) Phenanthrene-d10	11.36	188	194075	20.00	ng	0.03
75) Chrysene-d12	14.04	240	103025	20.00	ng	0.08
86) Perylene-d12	15.45	264	113875	20.00	ng	0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1125273	157.48	ng	-0.02
7) Phenol-d6	6.43	99	1592218	159.66	ng	-0.01
23) Nitrobenzene-d5	7.36	82	857917	156.20	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	258364	172.86	ng	0.02
44) 2-Fluorobiphenyl	9.20	172	922894	125.14	ng	0.02
78) Terphenyl-d14	12.96	244	513599	109.83	ng	0.05
Target Compounds						
37) 2-Methylnaphthalene	8.84	142	2584137m	290.71	ng	Qvalue
70) Phenanthrene	11.38	178	592927	58.22	ng	# 69
83) Bis(2-ethylhexyl)phthalate	14.01	149	128306	32.15	ng	# 63
91) Benzo(g,h,i)perylene	17.20	276	43000	8.29	ng	# 51

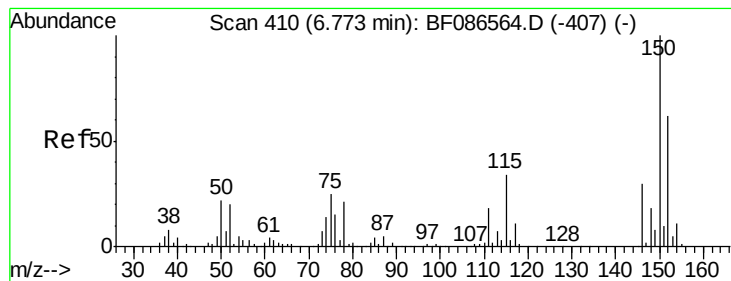
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF086506.D

Acq: 29 Apr 2016 21:53

Instrument :

BNA_F

ClientSampleId :

B5(1)

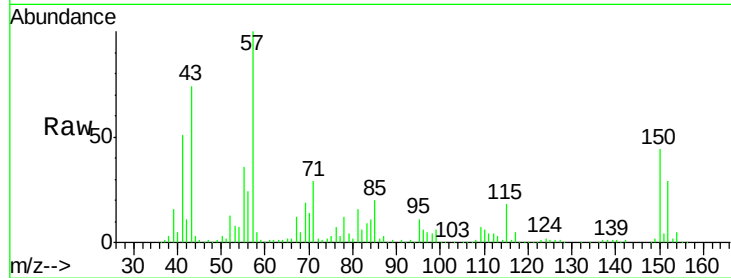
Tot Ion:152 Resp: 123249

Ion Ratio Lower Upper

152 100

150 153.8 125.8 188.6

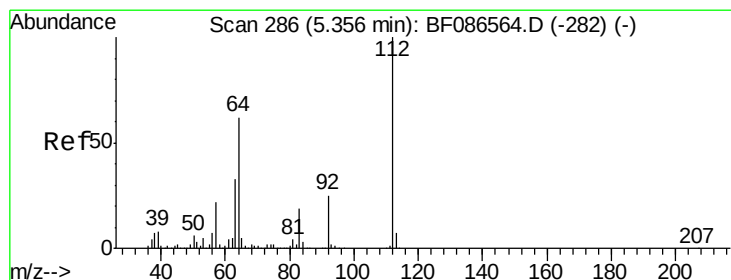
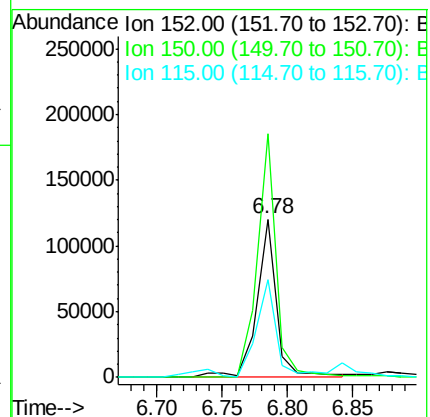
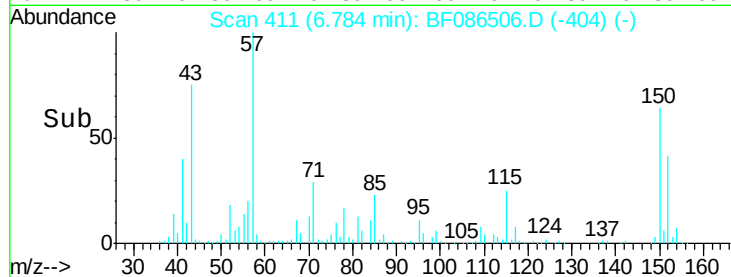
115 61.3 51.5 77.3



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: 157.48 ng

RT: 5.37 min Scan# 287

Delta R.T. -0.02 min

Lab File: BF086506.D

Acq: 29 Apr 2016 21:53

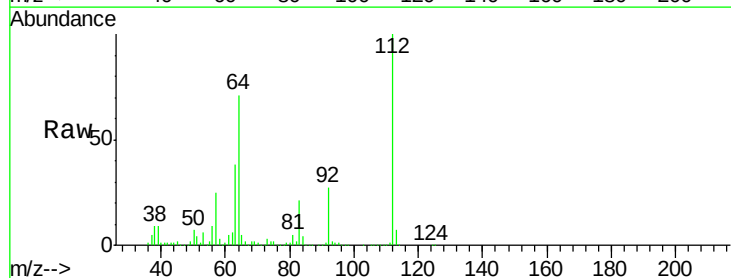
Tgt Ion:112 Resp: 1125273

Ion Ratio Lower Upper

112 100

64 70.8 52.1 78.1

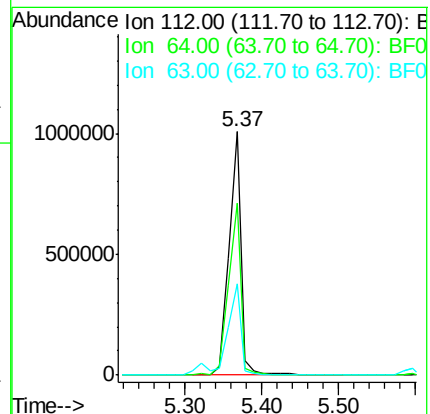
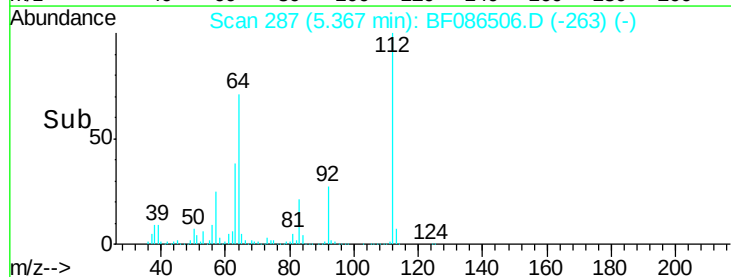
63 37.7 25.7 38.5

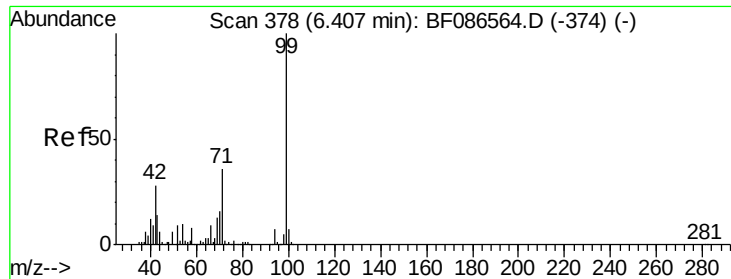


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 159.66 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF086506.D

Acq: 29 Apr 2016 21:53

Instrument :

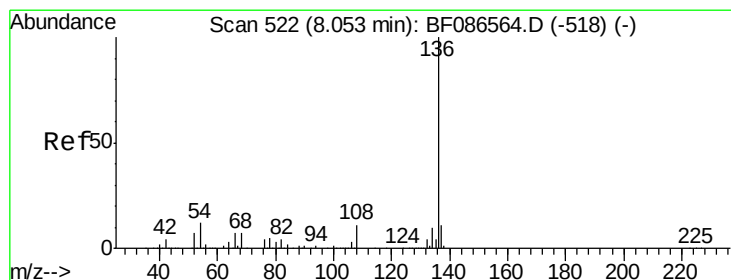
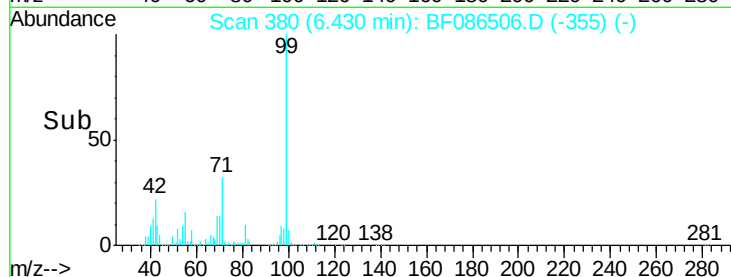
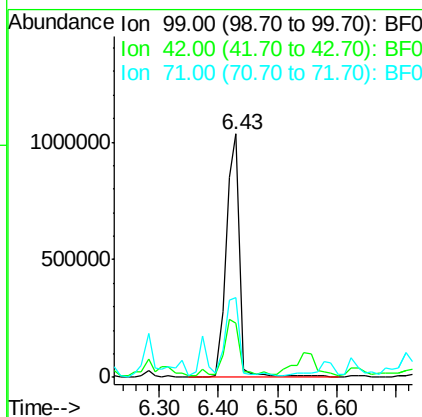
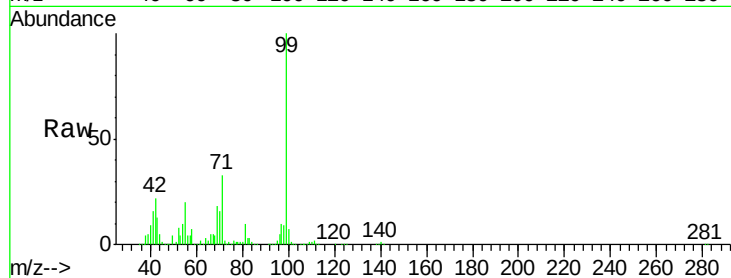
BNA_F

ClientSampleId :

B5(1)

Tot Ion: 99 Resp: 1592218

Ion	Ratio	Lower	Upper
99	100		
42	22.4	13.6	20.4#
71	32.9	24.6	36.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 524

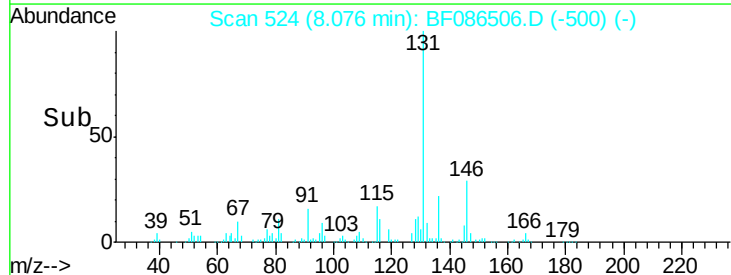
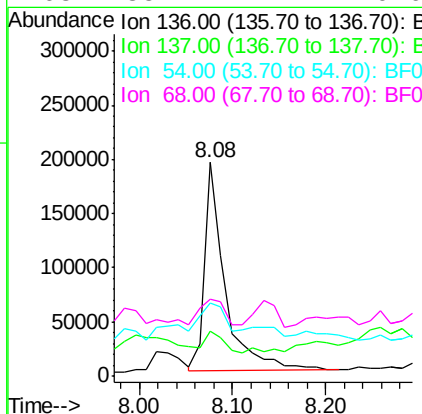
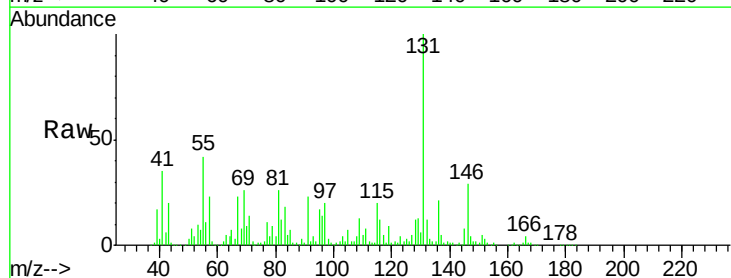
Delta R.T. -0.02 min

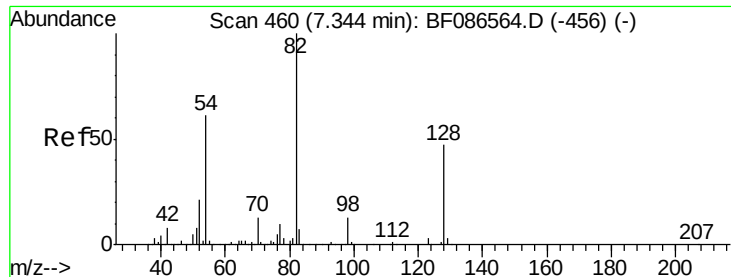
Lab File: BF086506.D

Acq: 29 Apr 2016 21:53

Tgt Ion: 136 Resp: 296051

Ion	Ratio	Lower	Upper
136	100		
137	21.1	8.8	13.2#
54	34.2	5.0	7.4#
68	35.7	4.4	6.6#





#23

Nitrobenzene-d5

Concen: 156.20 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.02 min

Lab File: BF086506.D

Acq: 29 Apr 2016 21:53

Instrument :

BNA_F

ClientSampleId :

B5(1)

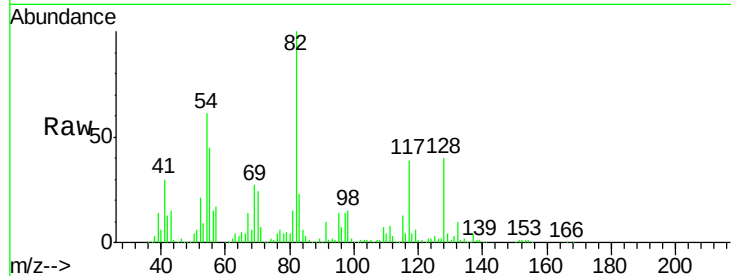
Tot Ion: 82 Resp: 857917

Ion Ratio Lower Upper

82 100

128 40.2 40.6 61.0#

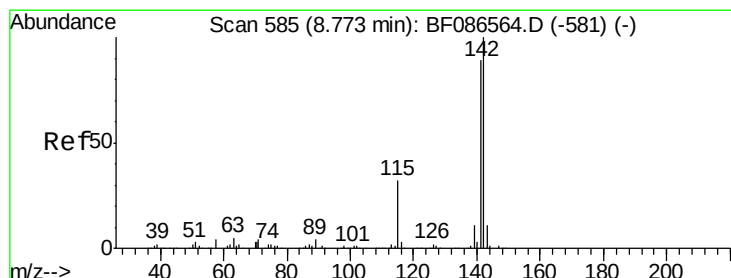
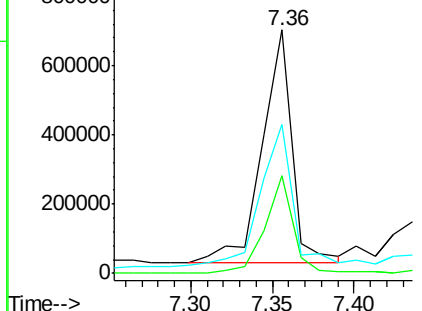
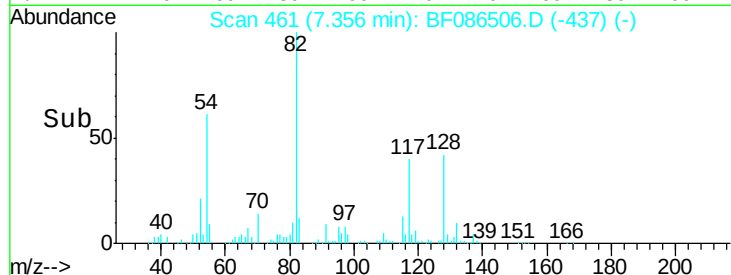
54 61.2 38.1 57.1#



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



#37

2-Methylnaphthalene

Concen: 290.71 ng m

RT: 8.84 min Scan# 591

Delta R.T. 0.03 min

Lab File: BF086506.D

Acq: 29 Apr 2016 21:53

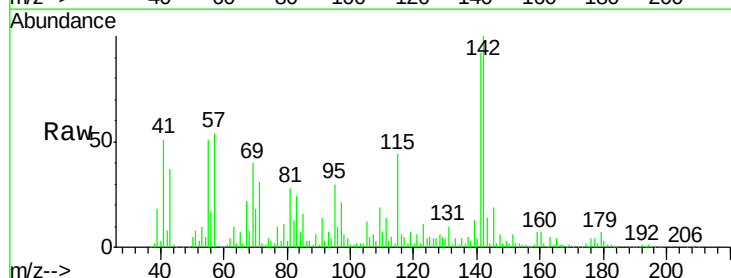
Tgt Ion: 142 Resp: 2584137

Ion Ratio Lower Upper

142 100

141 91.5 71.0 106.6

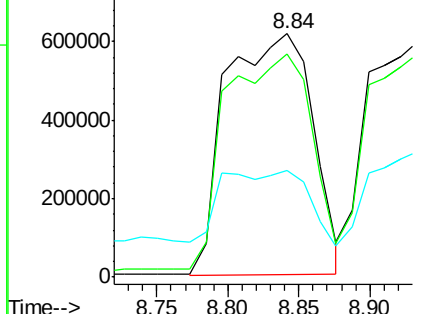
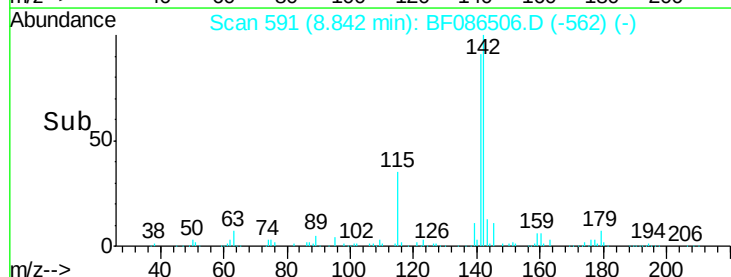
115 44.1 26.6 39.8#

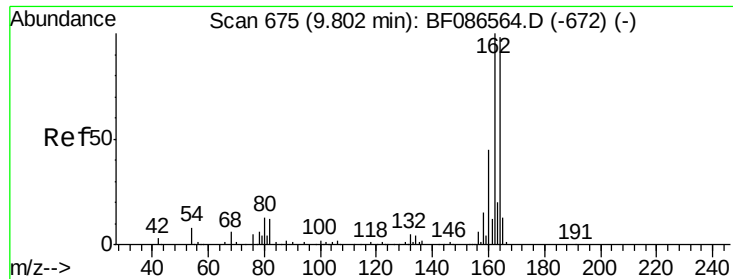


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 681

Delta R.T. 0.02 min

Lab File: BF086506.D

Acq: 29 Apr 2016 21:53

Instrument :

BNA_F

ClientSampleId :

B5(1)

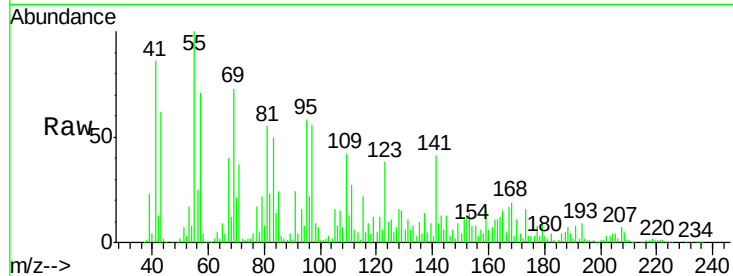
Tot Ion:164 Resp: 141733

Ion Ratio Lower Upper

164 100

162 88.1 82.8 124.2

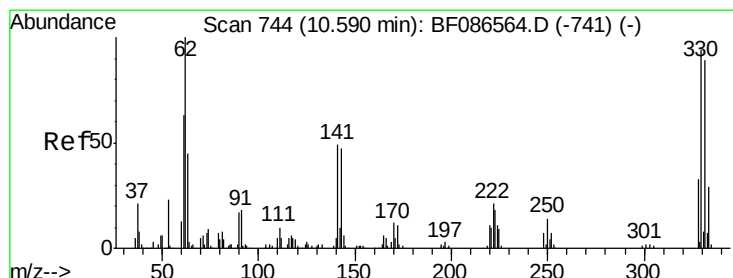
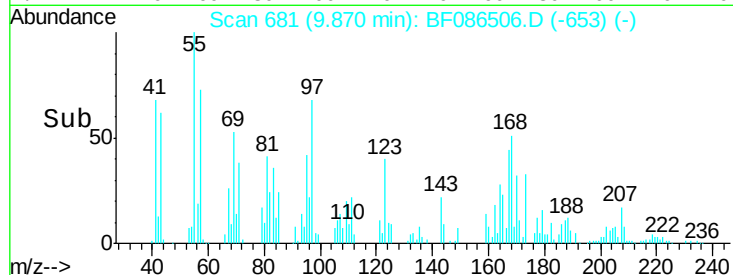
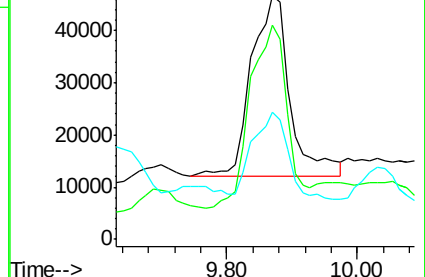
160 52.1 36.9 55.3



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: 172.86 ng

RT: 10.66 min Scan# 750

Delta R.T. 0.02 min

Lab File: BF086506.D

Acq: 29 Apr 2016 21:53

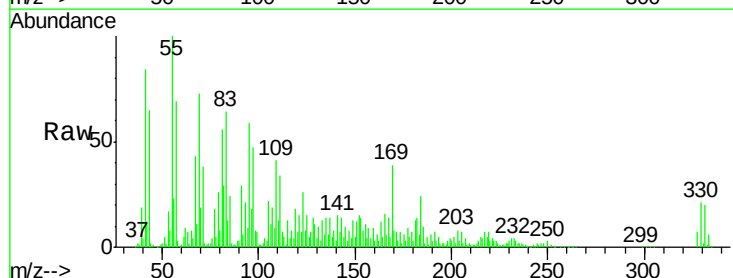
Tgt Ion:330 Resp: 258364

Ion Ratio Lower Upper

330 100

332 96.7 79.0 118.4

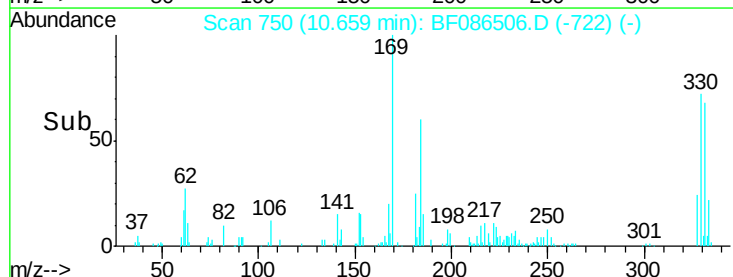
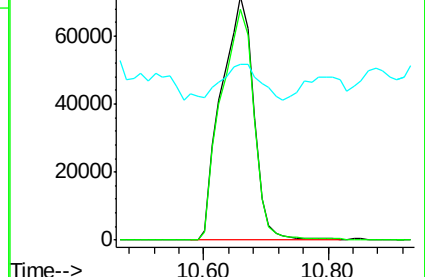
141 16.6 31.2 46.8#

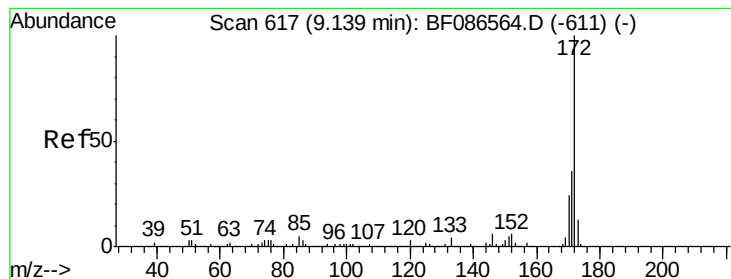


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 125.14 ng

RT: 9.20 min Scan# 622

Delta R.T. 0.02 min

Lab File: BF086506.D

Acq: 29 Apr 2016 21:53

Instrument :

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ClientSampleId :

B5(1)

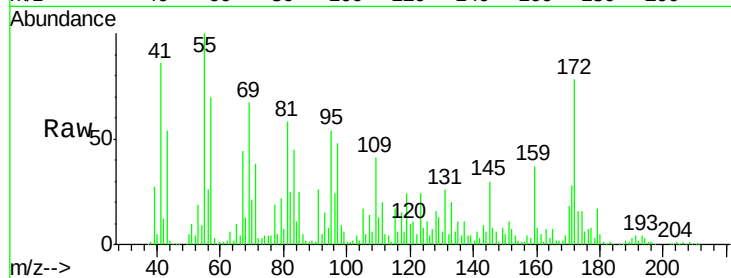
Tot Ion:172 Resp: 922894

Ion Ratio Lower Upper

172 100

171 35.6 29.0 43.6

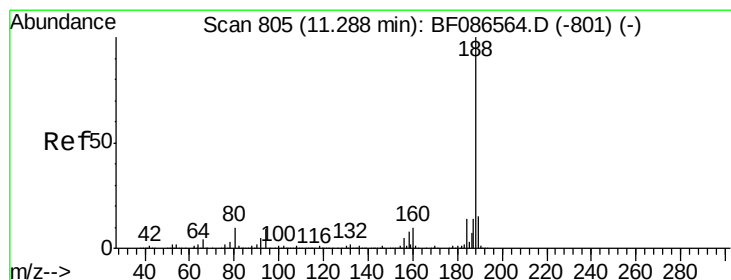
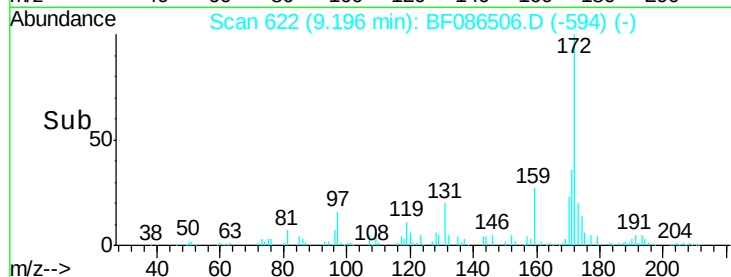
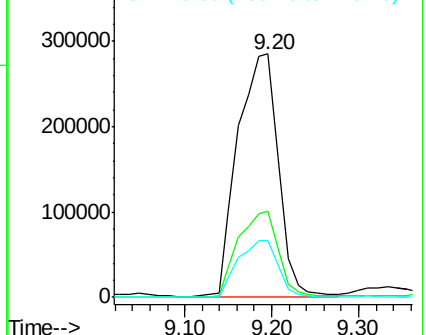
170 23.2 19.8 29.8



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 811

Delta R.T. 0.03 min

Lab File: BF086506.D

Acq: 29 Apr 2016 21:53

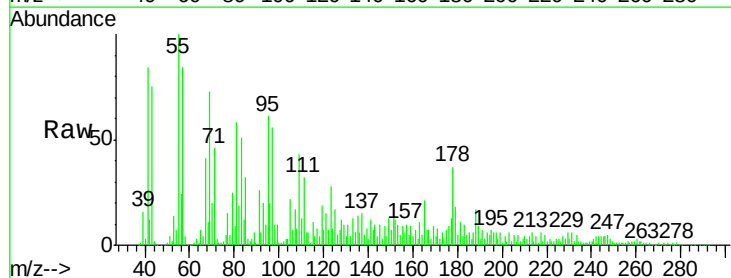
Tgt Ion:188 Resp: 194075

Ion Ratio Lower Upper

188 100

94 60.2 6.8 10.2#

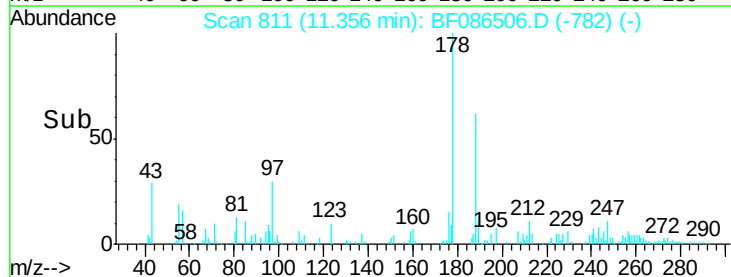
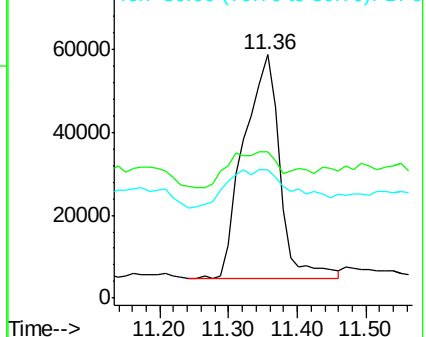
80 52.6 7.1 10.7#

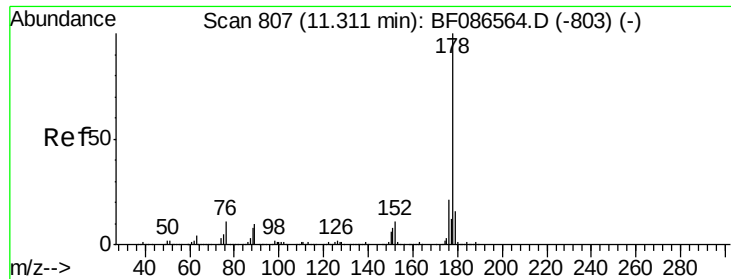


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 58.22 ng

RT: 11.38 min Scan# 813

Delta R.T. 0.02 min

Lab File: BF086506.D

Acq: 29 Apr 2016 21:53

Instrument :

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ClientSampleId :

B5(1)

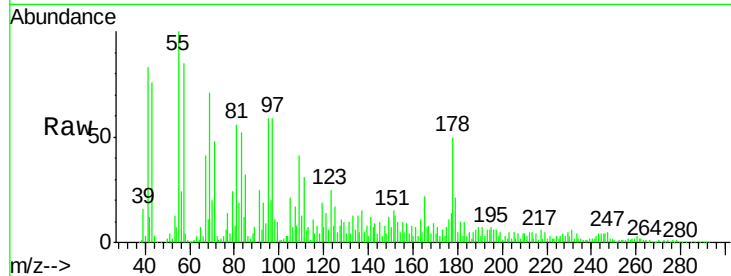
Tot Ion:178 Resp: 592927

Ion Ratio Lower Upper

178 100

176 23.0 16.0 24.0

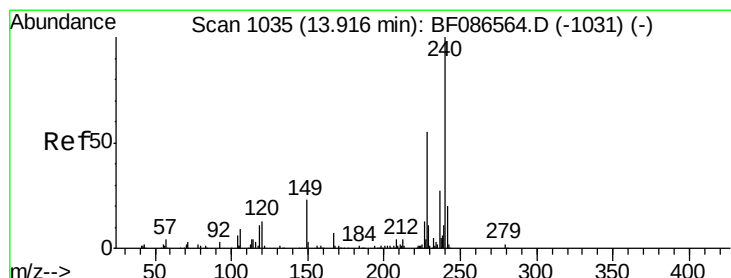
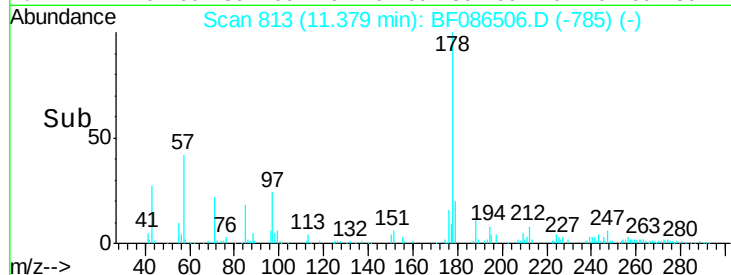
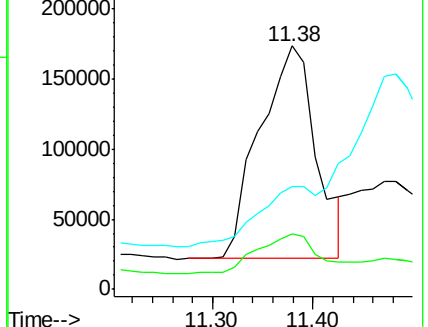
179 42.4 12.6 18.8#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1046

Delta R.T. 0.08 min

Lab File: BF086506.D

Acq: 29 Apr 2016 21:53

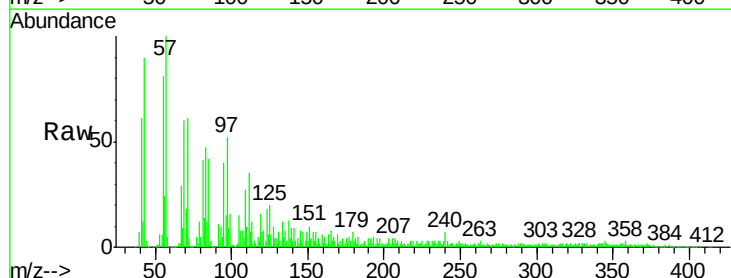
Tgt Ion:240 Resp: 103025

Ion Ratio Lower Upper

240 100

120 98.8 11.2 16.8#

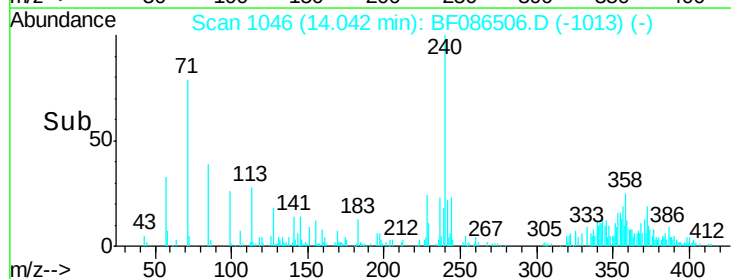
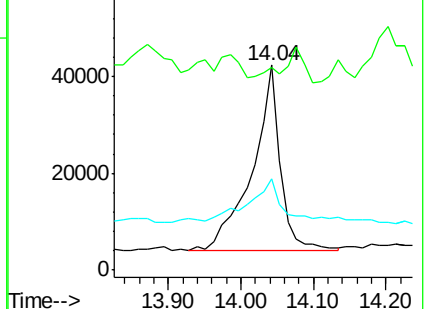
236 44.5 21.2 31.8#

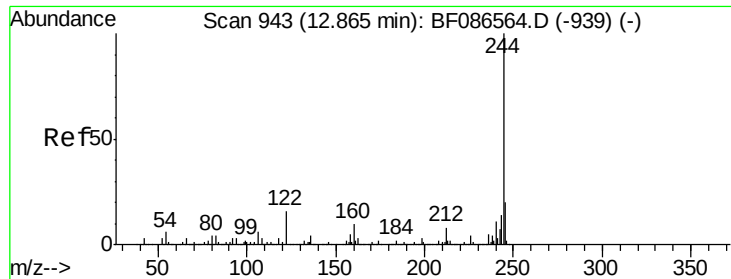


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

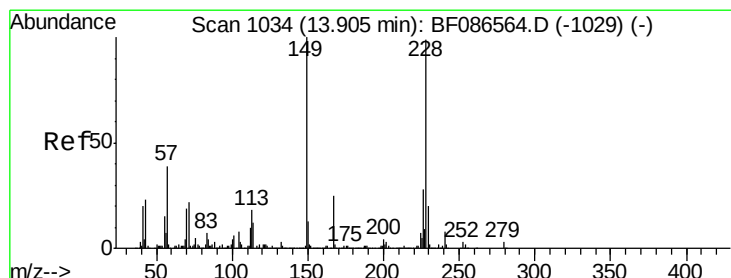
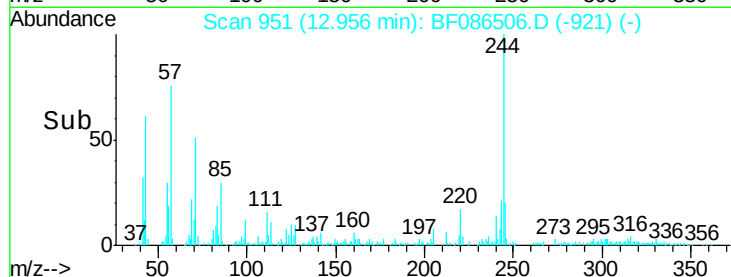
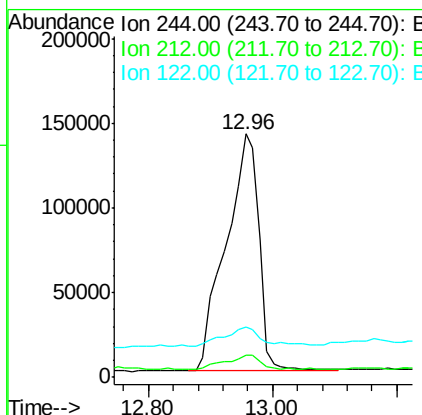
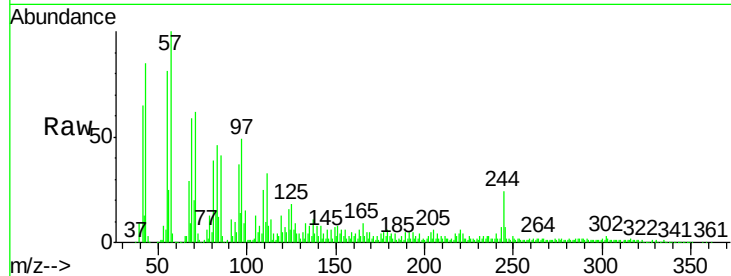




#78
 Terphenyl-d14
 Concen: 109.83 ng
 RT: 12.96 min Scan# 951
 Delta R.T. 0.05 min
 Lab File: BF086506.D
 Acq: 29 Apr 2016 21:53

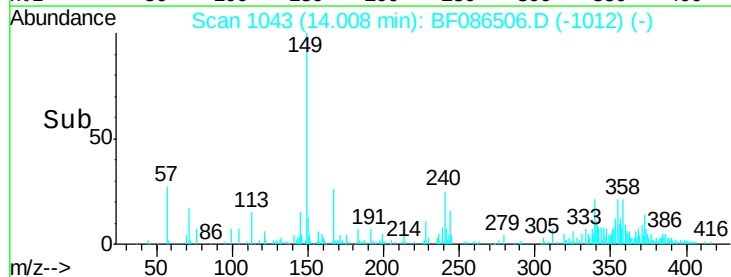
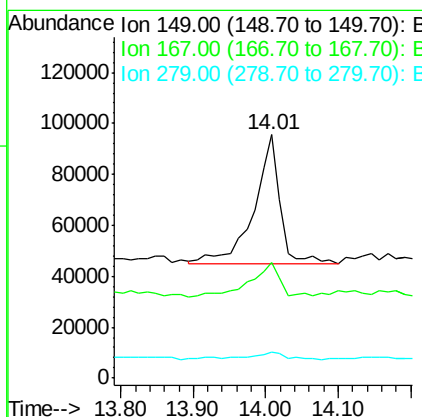
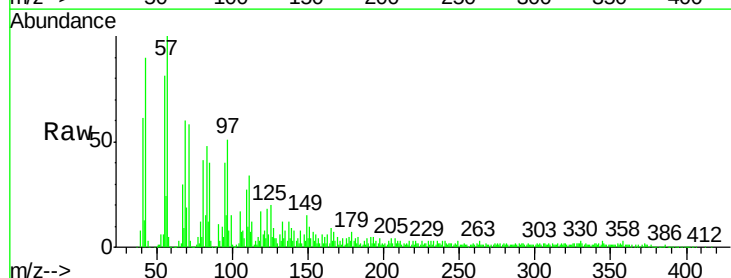
Instrument :
 BNA_F
 ClientSampleId :
 B5(1)

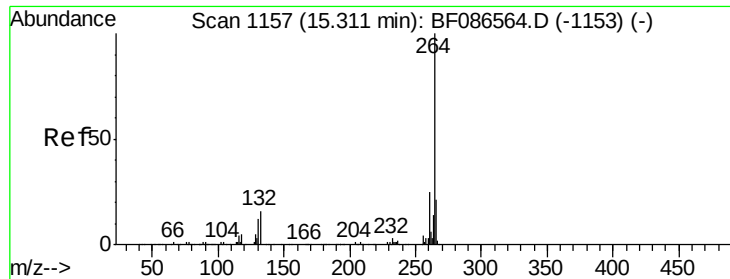
Tot Ion	Ratio	Lower	Upper
244	100		
212	9.2	6.2	9.2
122	20.4	12.0	18.0#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 32.15 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. 0.06 min
 Lab File: BF086506.D
 Acq: 29 Apr 2016 21:53

Tgt Ion	Ratio	Lower	Upper
149	100		
167	47.4	21.8	32.6#
279	10.7	2.6	4.0#

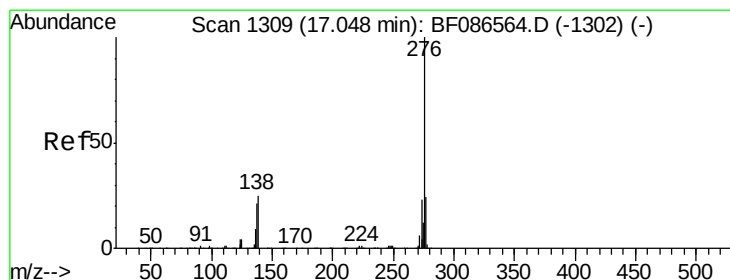
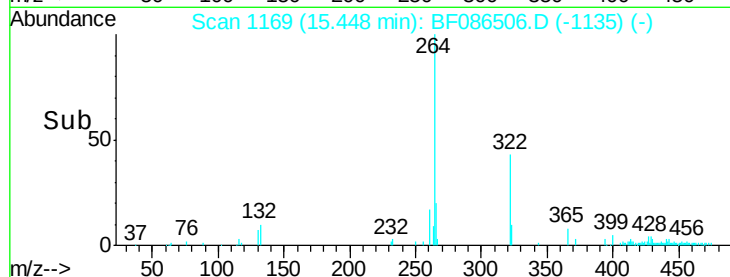
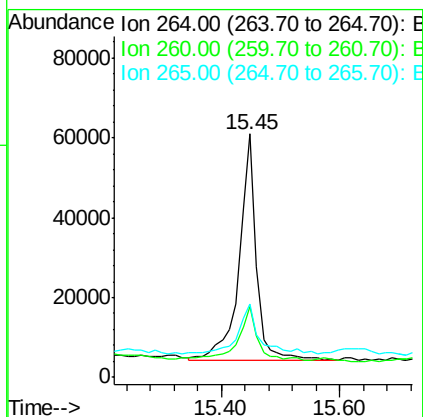
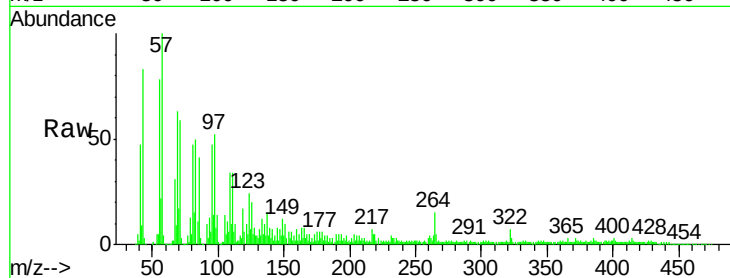




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1169
Delta R.T. 0.09 min
Lab File: BF086506.D
Acq: 29 Apr 2016 21:53

Instrument :
BNA_F
ClientSampleId :
B5(1)

Tot Ion	Ratio	Lower	Upper
264	100		
260	28.8	19.5	29.3
265	29.9	17.3	25.9



#91
Benzo(g,h,i)perylene
Concen: 8.29 ng
RT: 17.20 min Scan# 1322
Delta R.T. 0.07 min
Lab File: BF086506.D
Acq: 29 Apr 2016 21:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	37.4	19.6	29.4
138	66.4	23.6	35.4

