

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050716\
 Data File : BF086806.D
 Acq On : 8 May 2016 6:42
 Operator : UM/SJ
 Sample : H2720-01
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3D02

Quant Time: May 09 00:56:13 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 15:12:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	197317	40.00	ng	-0.03
21) Naphthalene-d8	7.98	136	749439	40.00	ng	-0.05
38) Acenaphthene-d10	9.73	164	327582	40.00	ng	-0.05
63) Phenanthrene-d10	11.22	188	565247	40.00	ng	-0.03
75) Chrysene-d12	13.85	240	352414	40.00	ng	-0.03
86) Perylene-d12	15.23	264	338605	40.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.31	112	1499119	125.78	ng	-0.01
7) Phenol-d6	6.37	99	1985293	123.65	ng	0.00
23) Nitrobenzene-d5	7.28	82	1274796	87.41	ng	-0.03
41) 2,4,6-Tribromophenol	10.53	330	471269	147.06	ng	-0.03
44) 2-Fluorobiphenyl	9.07	172	1918221	95.99	ng	-0.03
78) Terphenyl-d14	12.81	244	1421909	81.54	ng	-0.03

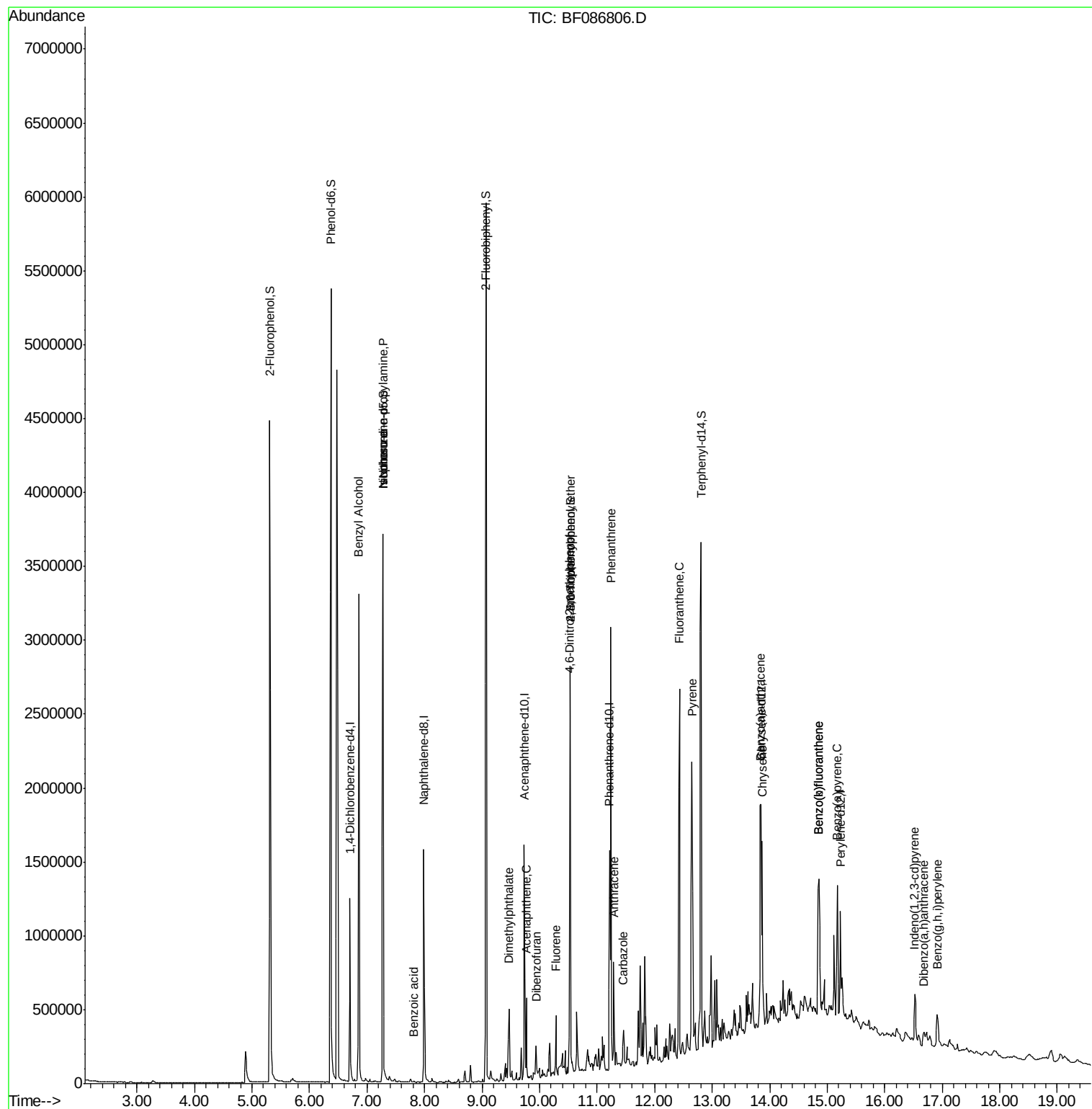
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	6.85	79	23447	2.26	ng	# 43
19) n-Nitroso-di-n-propylamine	7.28	70	185073	16.87	ng	# 72
25) Isophorone	7.28	82	1238985	45.62	ng	# 68
32) Benzoic acid	7.81	122	1617	8.71	ng	# 35
49) Dimethylphthalate	9.47	163	222604	9.12	ng	99
51) Acenaphthene	9.77	154	112663	5.57	ng	97
54) Dibenzofuran	9.94	168	61816	2.46	ng	# 94
57) Fluorene	10.28	166	109470	5.38	ng	100
64) 4,6-Dinitro-2-methylphenol	10.52	198	1121	5.66	ng	# 1
66) 4-Bromophenyl-phenylether	10.53	248	28113	5.00	ng	# 1
70) Phenanthrene	11.24	178	1037003	34.15	ng	100
71) Anthracene	11.29	178	321319	10.11	ng	98
72) Carbazole	11.46	167	117260	4.25	ng	99
74) Fluoranthene	12.43	202	1296309	42.60	ng	92
77) Pyrene	12.65	202	985424	35.07	ng	97
80) Benzo(a)anthracene	13.84	228	620442	31.13	ng	99
82) Chrysene	13.87	228	400232	18.82	ng	96
85) Indeno(1,2,3-cd)pyrene	16.52	276	197379	10.82	ng	# 90
87) Benzo(b)fluoranthene	14.85	252	759242	37.32	ng	97
88) Benzo(k)fluoranthene	14.85	252	759242	39.61	ng	99
89) Benzo(a)pyrene	15.17	252	398775	21.28	ng	97
90) Dibenz(a,h)anthracene	16.68	278	55093	3.06	ng	93
91) Benzo(g,h,i)perylene	16.91	276	172835	9.14	ng	96

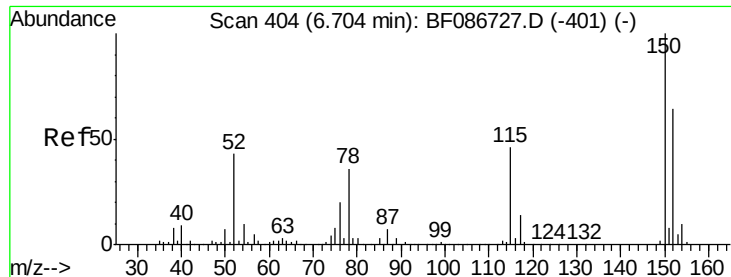
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050716\
Data File : BF086806.D
Acq On : 8 May 2016 6:42
Operator : UM/SJ
Sample : H2720-01
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3D02

Quant Time: May 09 00:56:13 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 15:12:53 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 40.00 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.03 min

Lab File: BF086806.D

Acq: 8 May 2016 6:42

Instrument :

BNA_F

ClientSampleId :

TP-3D02

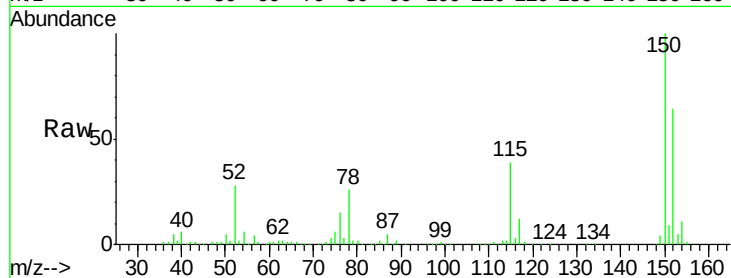
Tgt Ion:152 Resp: 197317

Ion Ratio Lower Upper

152 100

150 155.1 125.8 188.6

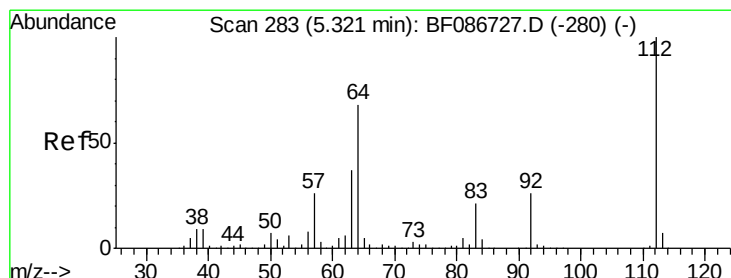
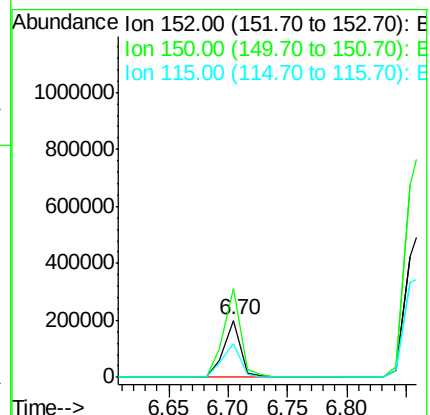
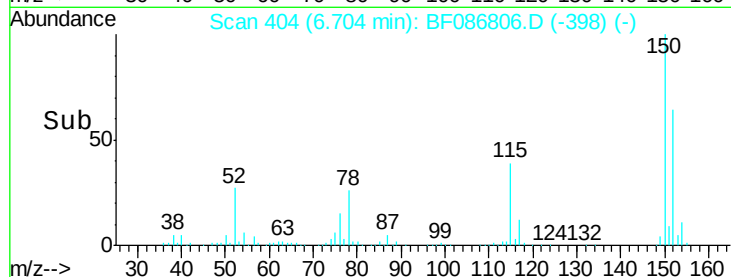
115 60.2 51.5 77.3



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: 125.78 ng

RT: 5.31 min Scan# 282

Delta R.T. -0.01 min

Lab File: BF086806.D

Acq: 8 May 2016 6:42

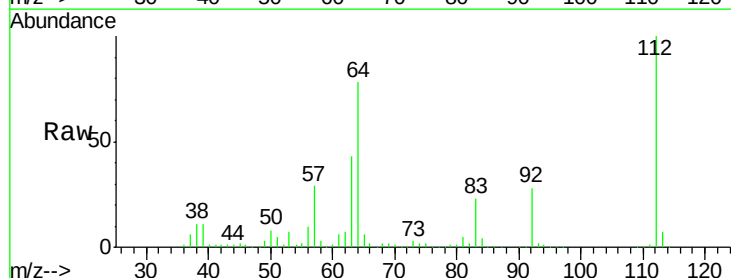
Tgt Ion:112 Resp: 1499119

Ion Ratio Lower Upper

112 100

64 78.3 52.1 78.1#

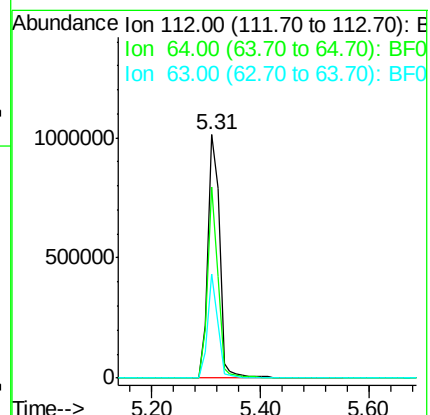
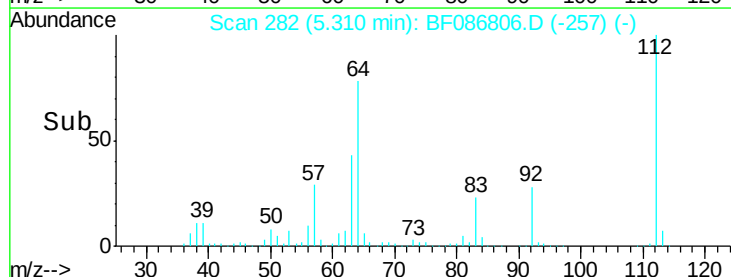
63 42.6 25.7 38.5#

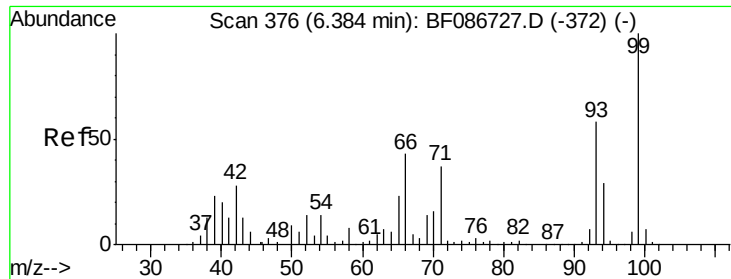


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 123.65 ng

RT: 6.37 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF086806.D

Acq: 8 May 2016 6:42

Instrument :

BNA_F

ClientSampleId :

TP-3D02

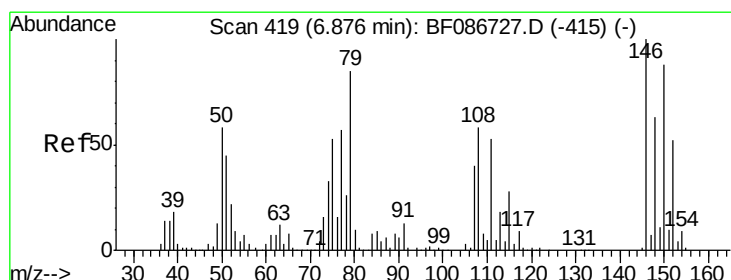
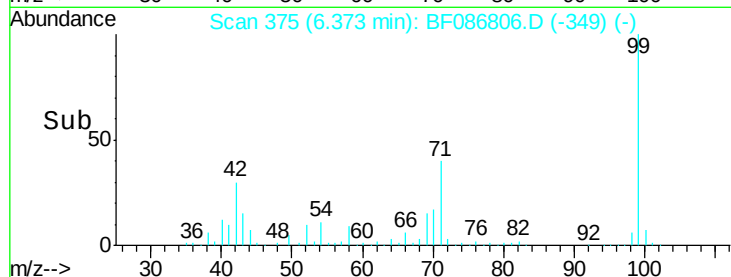
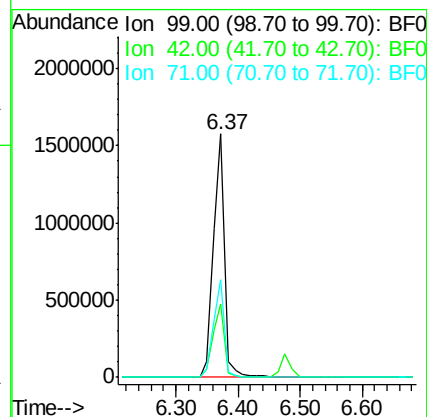
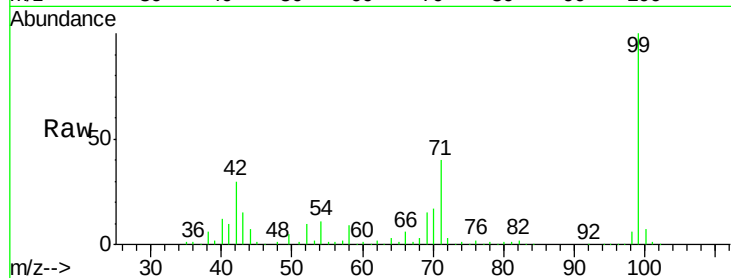
Tgt Ion: 99 Resp: 1985293

Ion Ratio Lower Upper

99 100

42 30.2 13.6 20.4#

71 40.0 24.6 36.8#



#15

Benzyl Alcohol

Concen: 2.26 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.03 min

Lab File: BF086806.D

Acq: 8 May 2016 6:42

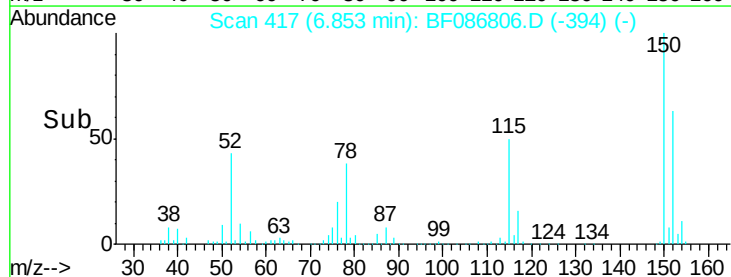
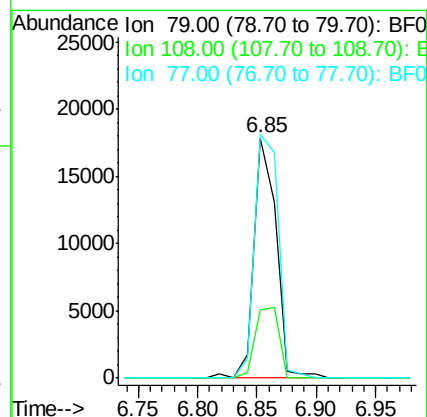
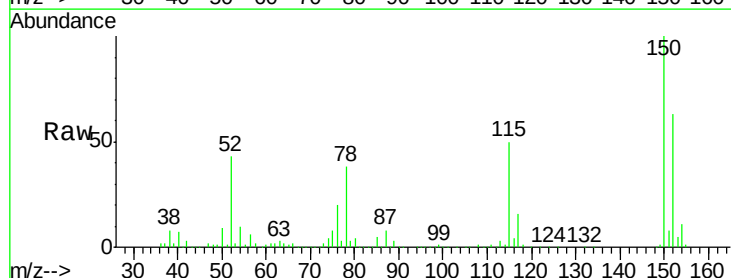
Tgt Ion: 79 Resp: 23447

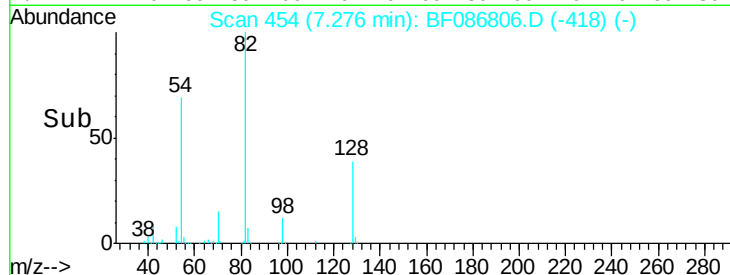
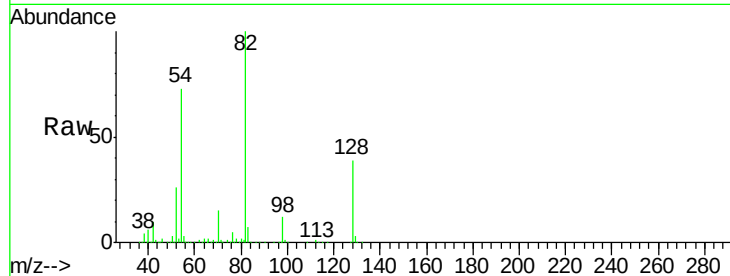
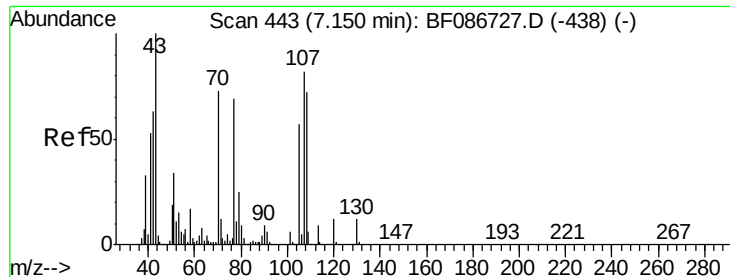
Ion Ratio Lower Upper

79 100

108 28.4 68.4 102.6#

77 101.3 50.6 76.0#

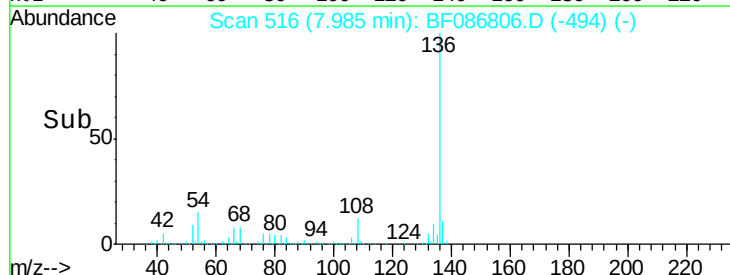
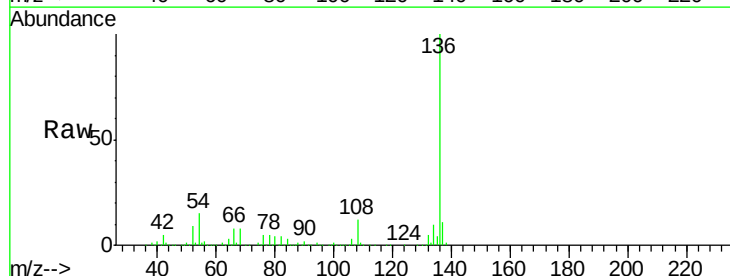
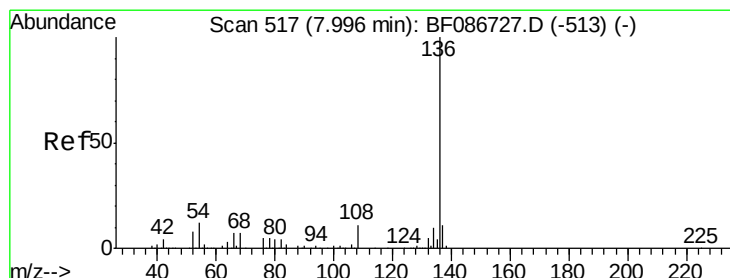
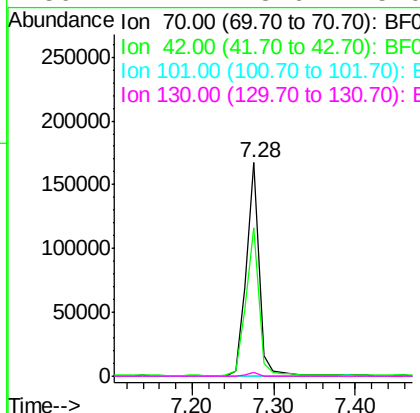




#19
n-Nitroso-di-n-propylamine
Concen: 16.87 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.11 min
Lab File: BF086806.D
Acq: 8 May 2016 6:42

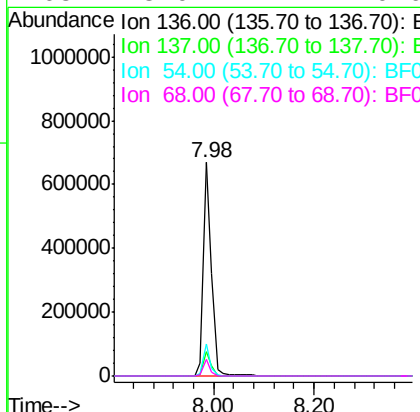
Instrument :
BNA_F
ClientSampleId :
TP-3D02

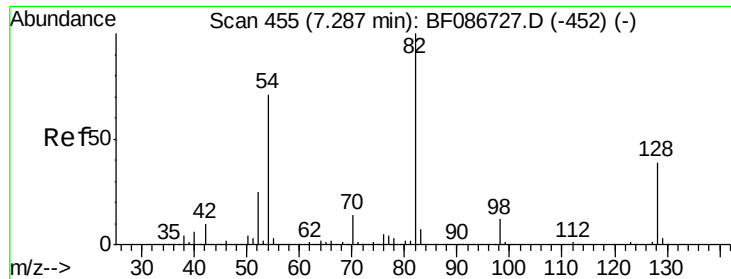
Tgt Ion: 70 Resp: 185073
Ion Ratio Lower Upper
70 100
42 69.3 43.1 64.7#
101 0.0 8.1 12.1#
130 1.7 18.6 28.0#



#21
Naphthalene-d8
Concen: 40.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.05 min
Lab File: BF086806.D
Acq: 8 May 2016 6:42

Tgt Ion: 136 Resp: 749439
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 14.8 5.0 7.4#
68 8.0 4.4 6.6#

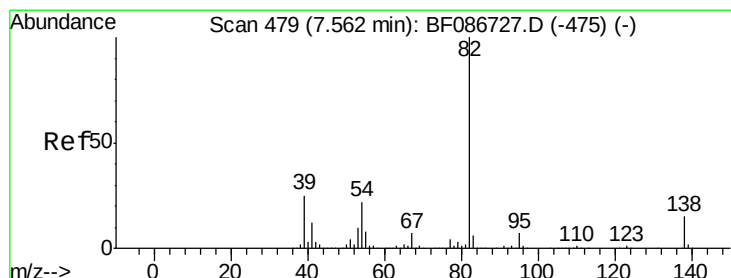
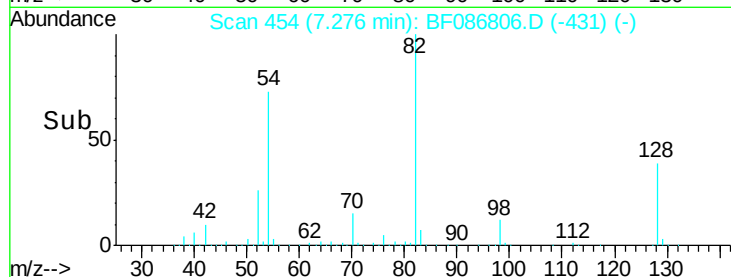
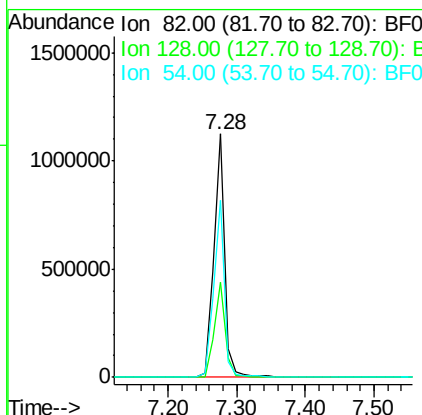
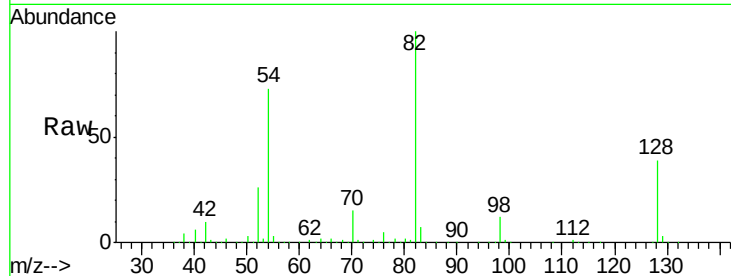




#23
 Nitrobenzene-d5
 Concen: 87.41 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.03 min
 Lab File: BF086806.D
 Acq: 8 May 2016 6:42

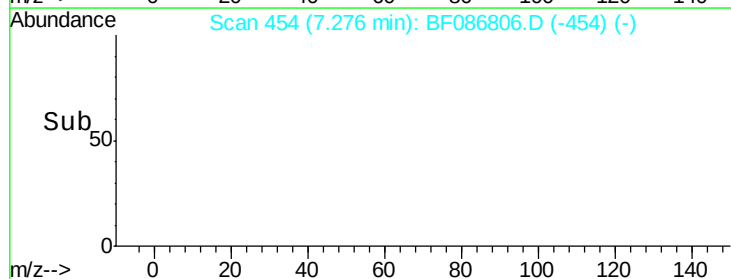
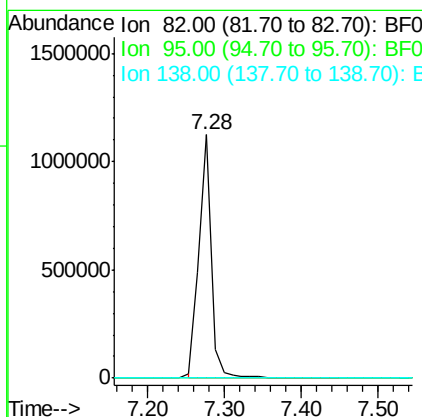
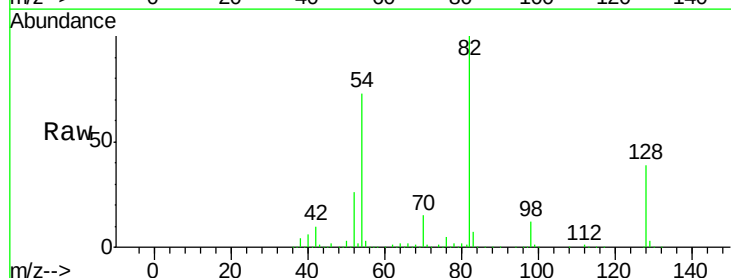
Instrument :
 BNA_F
 ClientSampleId :
 TP-3D02

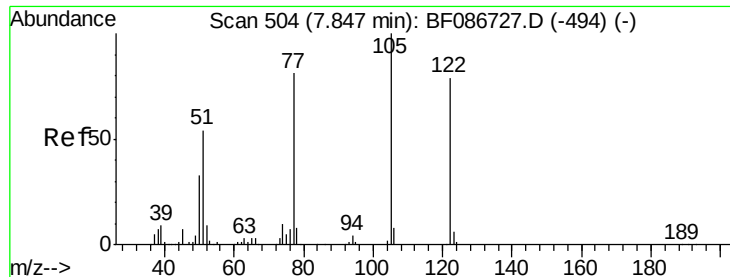
Tgt Ion: 82 Resp: 1274796
 Ion Ratio Lower Upper
 82 100
 128 38.9 40.6 61.0#
 54 72.8 38.1 57.1#



#25
 Isophorone
 Concen: 45.62 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.30 min
 Lab File: BF086806.D
 Acq: 8 May 2016 6:42

Tgt Ion: 82 Resp: 1238985
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.1 7.7#
 138 0.0 12.4 18.6#

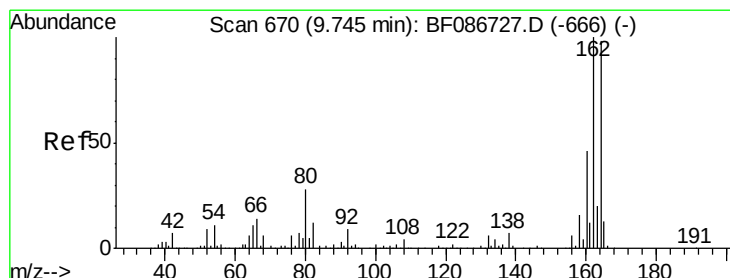
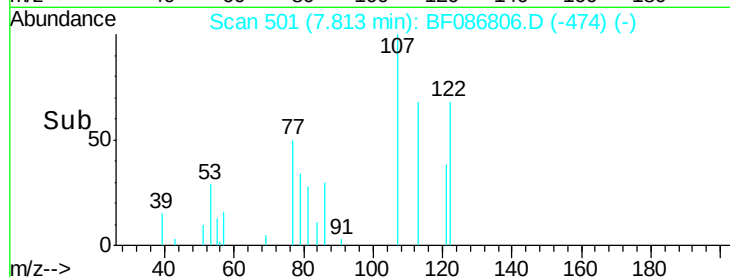
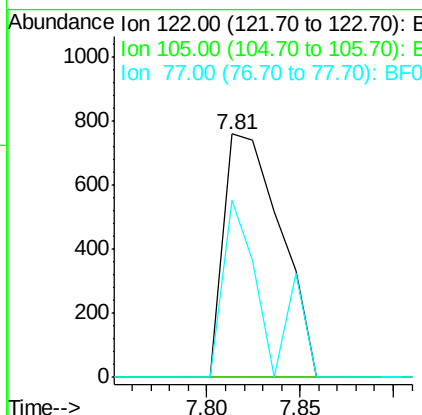
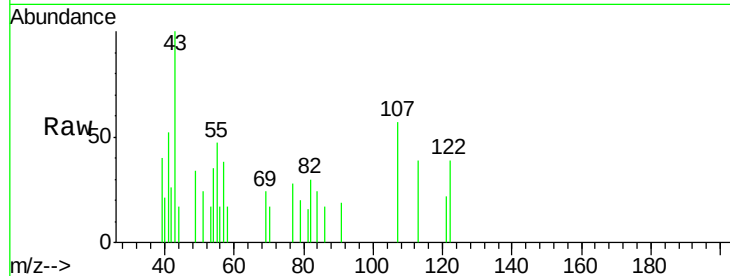




#32
Benzoic acid
Concen: 8.71 ng
RT: 7.81 min Scan# 501
Delta R.T. 0.01 min
Lab File: BF086806.D
Acq: 8 May 2016 6:42

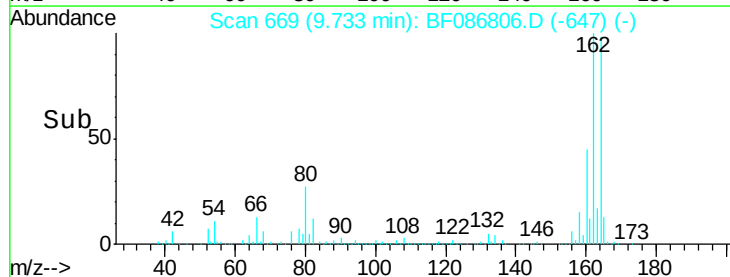
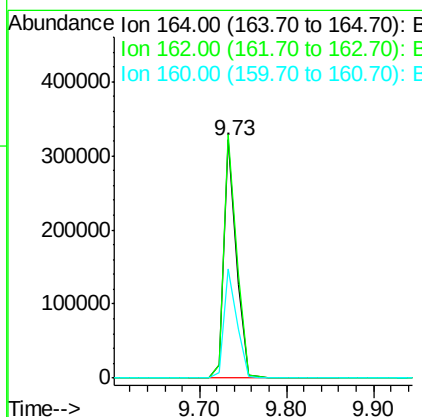
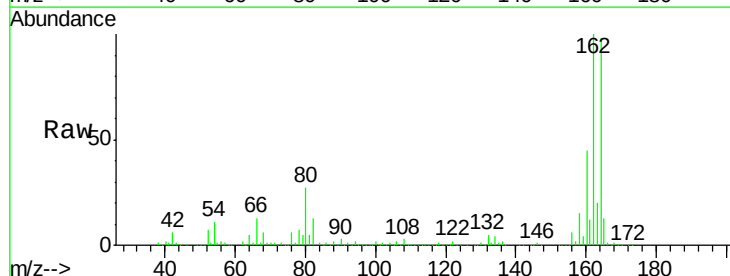
Instrument :
BNA_F
ClientSampleId :
TP-3D02

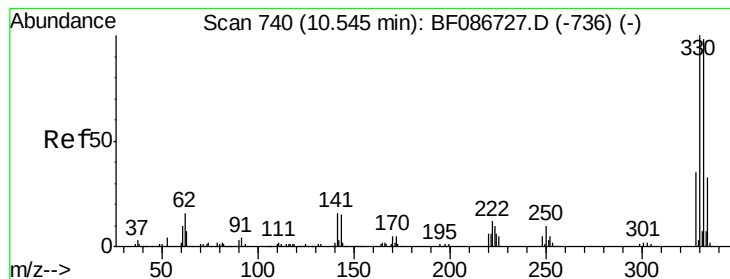
Tgt Ion:122 Resp: 1617
Ion Ratio Lower Upper
122 100
105 0.0 92.6 132.6#
77 72.9 60.0 100.0



#38
Acenaphthene-d10
Concen: 40.00 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.05 min
Lab File: BF086806.D
Acq: 8 May 2016 6:42

Tgt Ion:164 Resp: 327582
Ion Ratio Lower Upper
164 100
162 102.2 82.8 124.2
160 46.1 36.9 55.3

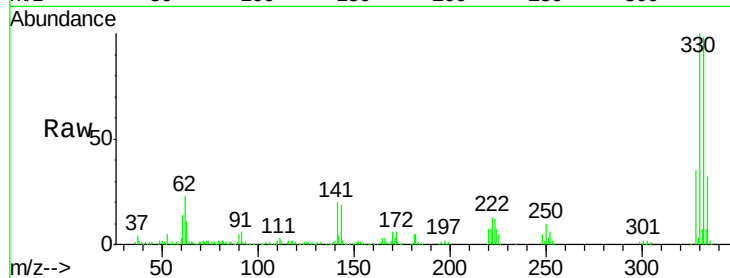




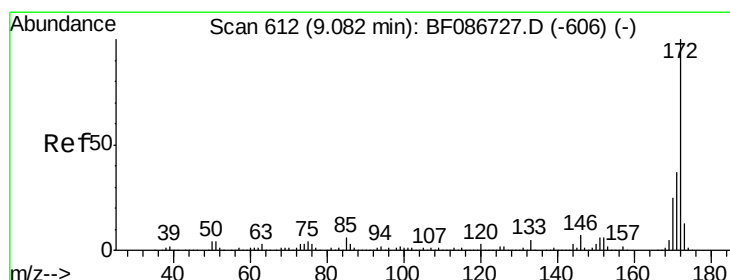
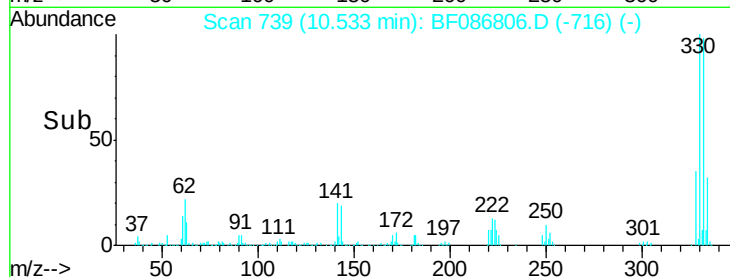
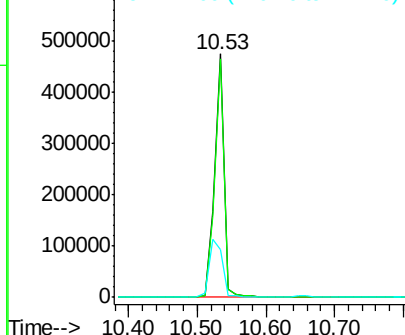
#41
 2,4,6-Tribromophenol
 Concen: 147.06 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.03 min
 Lab File: BF086806.D
 Acq: 8 May 2016 6:42

Instrument :
 BNA_F
 ClientSampleId :
 TP-3D02

Tgt Ion:330 Resp: 471269
 Ion Ratio Lower Upper
 330 100
 332 97.0 79.0 118.4
 141 33.4 31.2 46.8

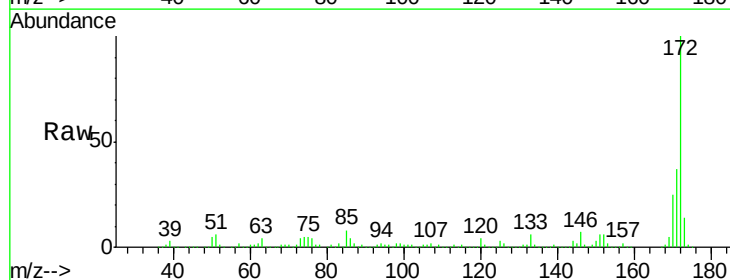


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

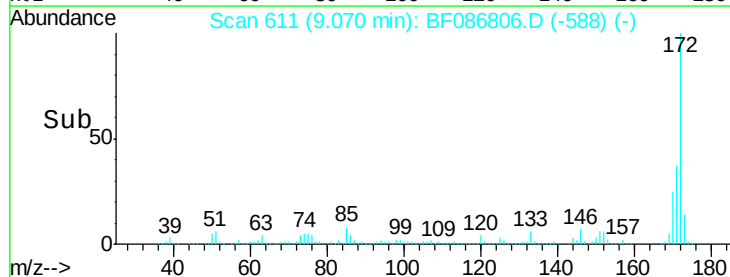
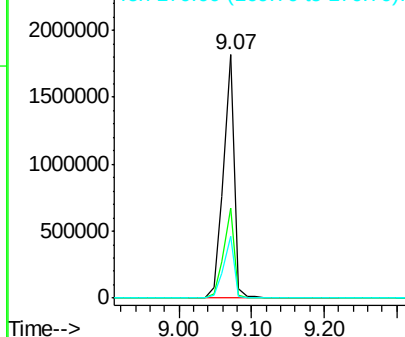


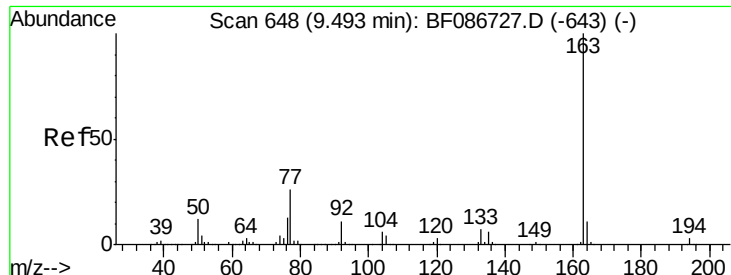
#44
 2-Fluorobiphenyl
 Concen: 95.99 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.03 min
 Lab File: BF086806.D
 Acq: 8 May 2016 6:42

Tgt Ion:172 Resp: 1918221
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.0 43.6
 170 25.2 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





#49

Dimethylphthalate

Concen: 9.12 ng

RT: 9.47 min Scan# 646

Delta R.T. -0.03 min

Lab File: BF086806.D

Acq: 8 May 2016 6:42

Instrument :

BNA_F

ClientSampleId :

TP-3D02

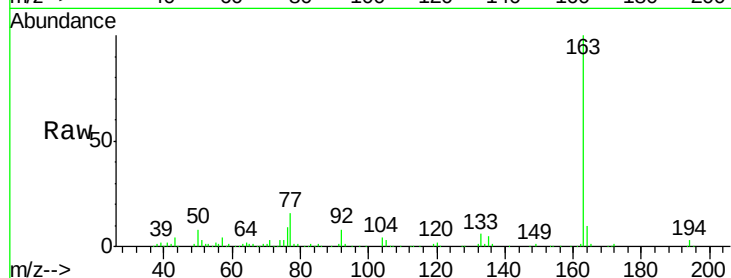
Tgt Ion:163 Resp: 222604

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

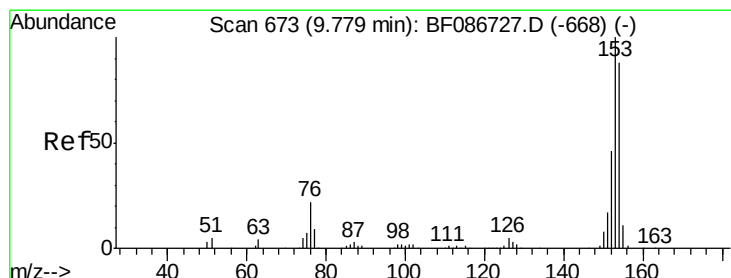
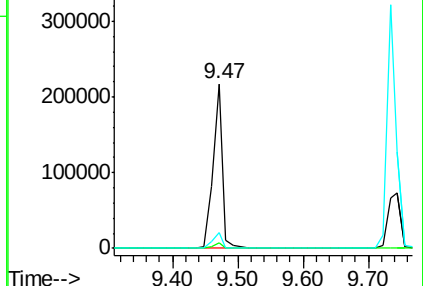
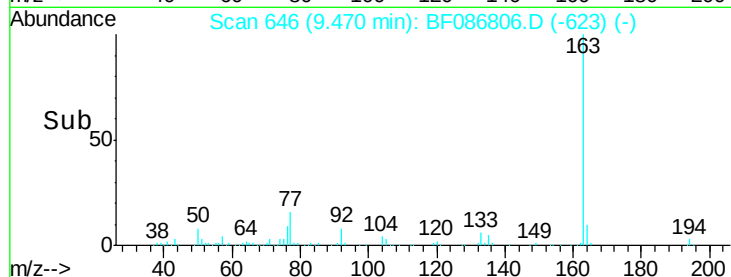
164 9.7 8.2 12.4



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



#51

Acenaphthene

Concen: 5.57 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.05 min

Lab File: BF086806.D

Acq: 8 May 2016 6:42

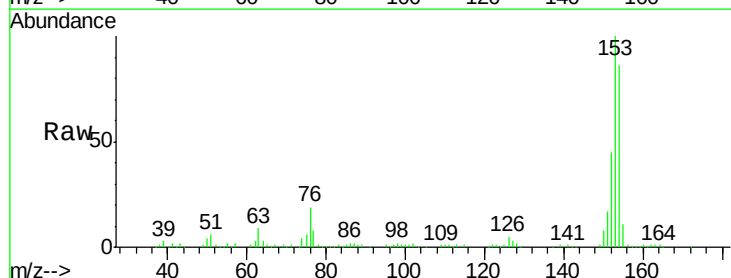
Tgt Ion:154 Resp: 112663

Ion Ratio Lower Upper

154 100

153 116.0 89.8 134.6

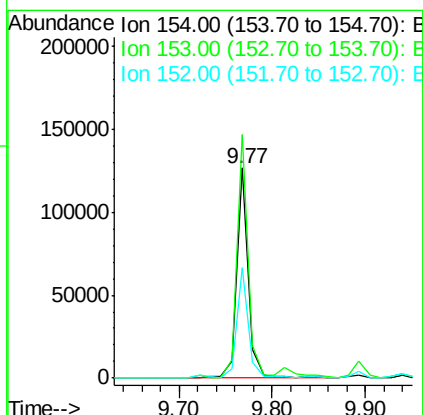
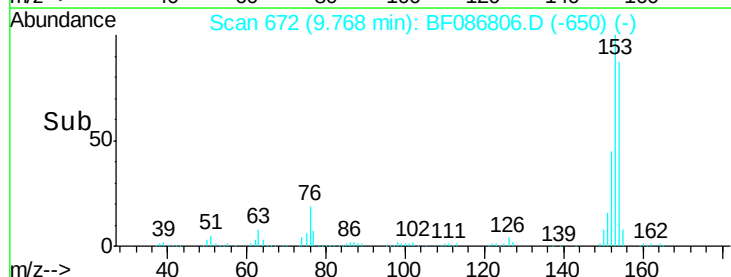
152 52.7 43.4 65.0

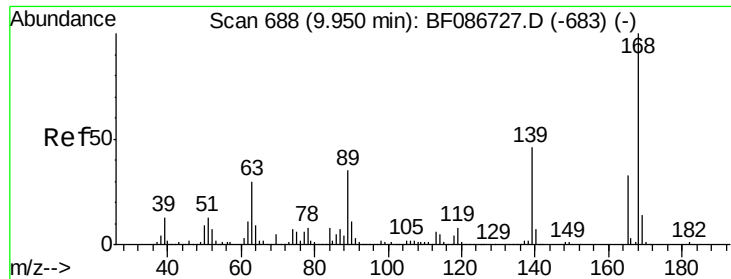


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

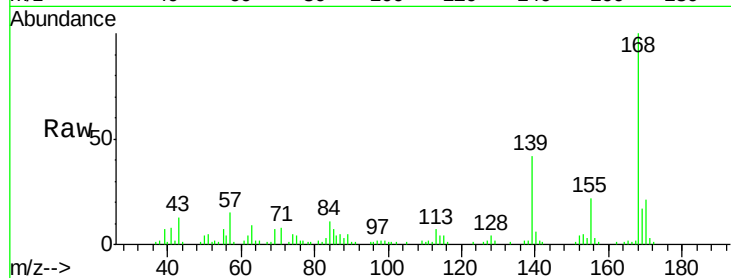




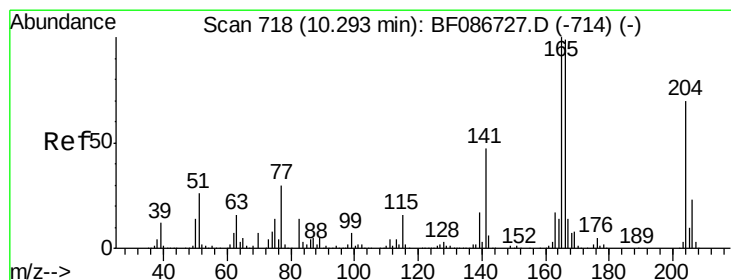
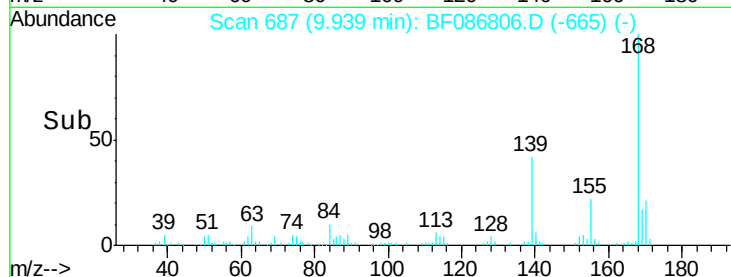
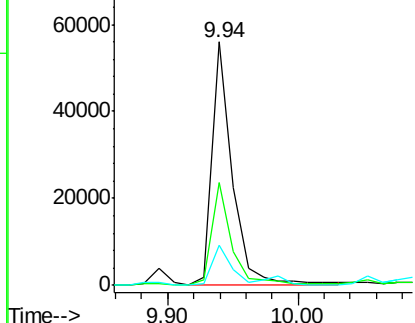
#54
Dibenzenofuran
Concen: 2.46 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.05 min
Lab File: BF086806.D
Acq: 8 May 2016 6:42

Instrument :
BNA_F
ClientSampleId :
TP-3D02

Tgt Ion:168 Resp: 61816
Ion Ratio Lower Upper
168 100
139 42.1 31.4 47.0
169 16.6 10.7 16.1#

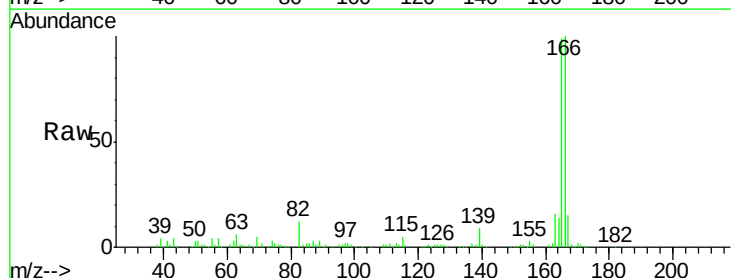


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

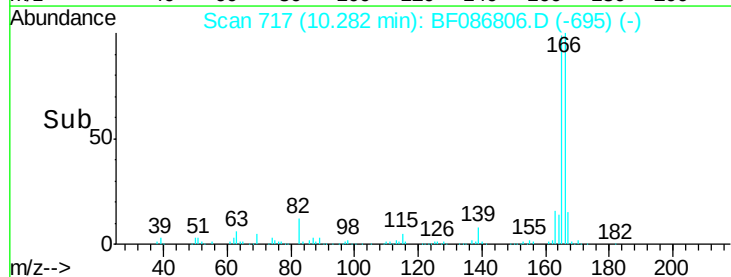
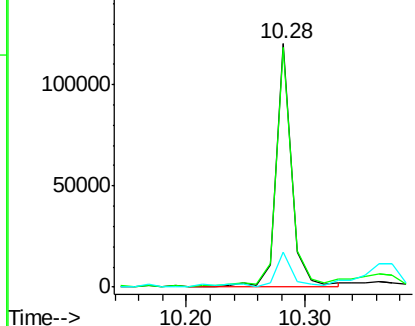


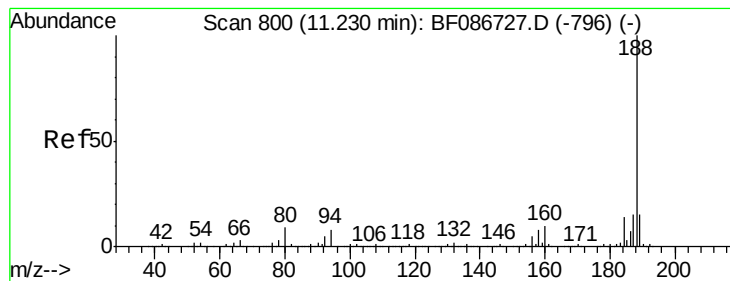
#57
Fluorene
Concen: 5.38 ng
RT: 10.28 min Scan# 717
Delta R.T. -0.05 min
Lab File: BF086806.D
Acq: 8 May 2016 6:42

Tgt Ion:166 Resp: 109470
Ion Ratio Lower Upper
166 100
165 98.7 79.0 118.6
167 14.6 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#63

Phenanthrene-d10

Concen: 40.00 ng

RT: 11.22 min Scan# 799

Delta R.T. -0.03 min

Lab File: BF086806.D

Acq: 8 May 2016 6:42

Instrument :

BNA_F

ClientSampleId :

TP-3D02

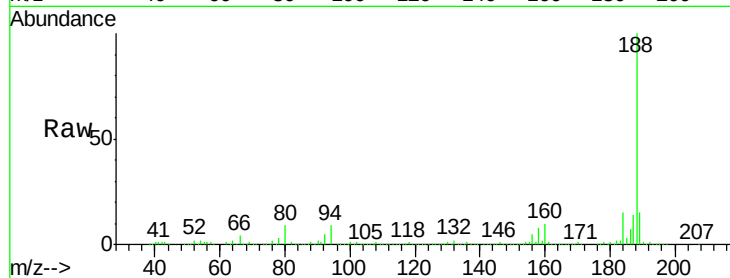
Tgt Ion:188 Resp: 565247

Ion Ratio Lower Upper

188 100

94 8.7 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

800000

600000

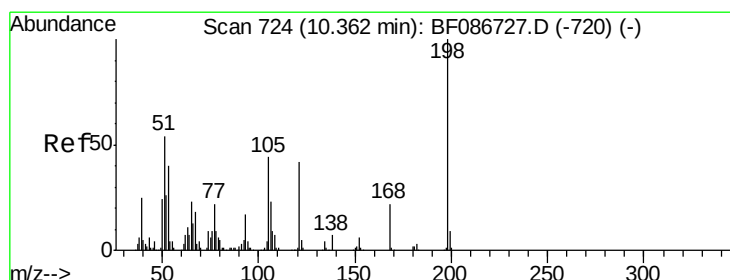
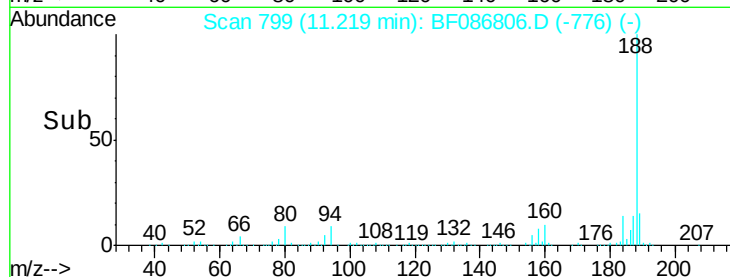
400000

200000

0

11.15 11.20 11.25

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 5.66 ng

RT: 10.52 min Scan# 738

Delta R.T. 0.15 min

Lab File: BF086806.D

Acq: 8 May 2016 6:42

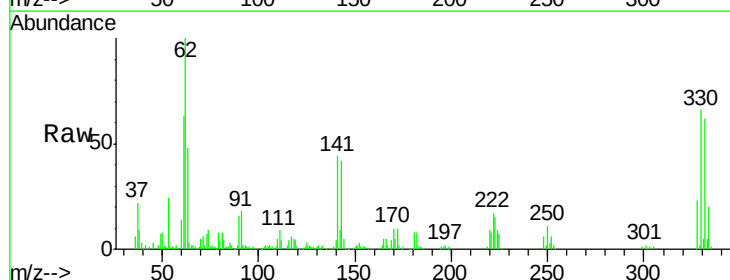
Tgt Ion:198 Resp: 1121

Ion Ratio Lower Upper

198 100

51 525.9 20.5 60.5#

105 249.8 24.5 64.5#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

6000

5000

4000

3000

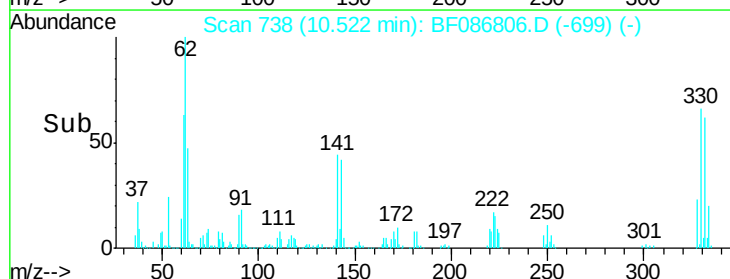
2000

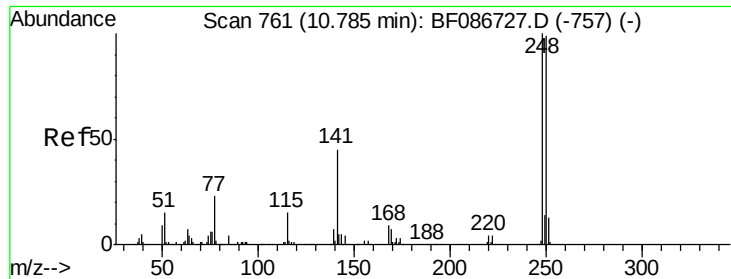
1000

0

10.50 10.52 10.55

Time-->

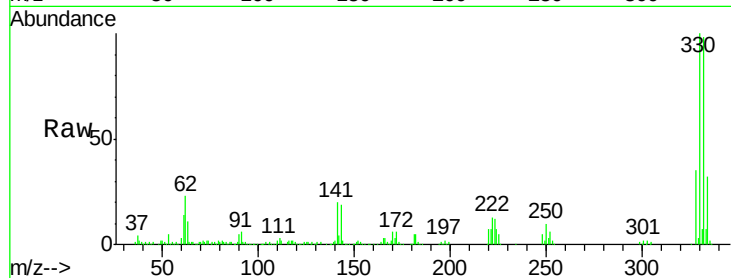




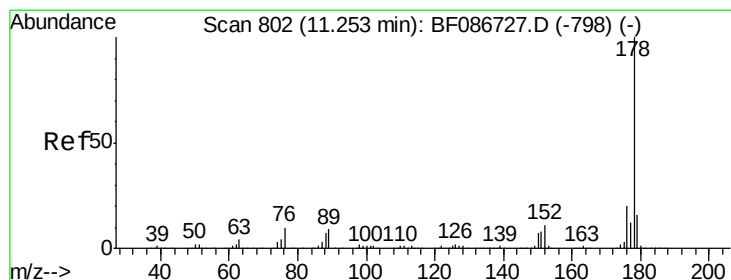
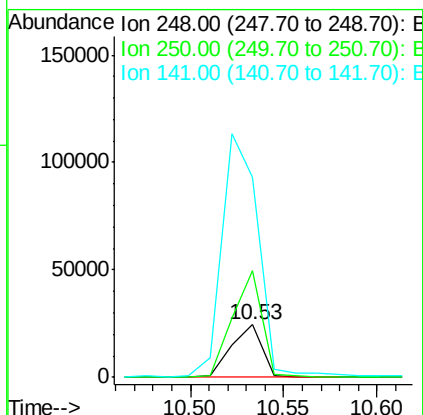
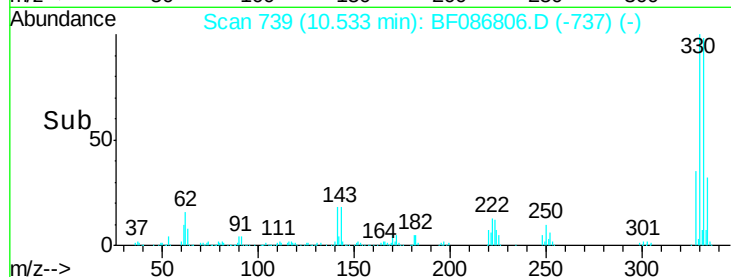
#66
 4-Bromophenyl-phenylether
 Concen: 5.00 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.27 min
 Lab File: BF086806.D
 Acq: 8 May 2016 6:42

Instrument :
 BNA_F
 ClientSampled :
 TP-3D02

Tgt Ion:248 Resp: 28113
 Ion Ratio Lower Upper
 248 100
 250 204.5 78.6 117.8#
 141 383.6 76.0 114.0#

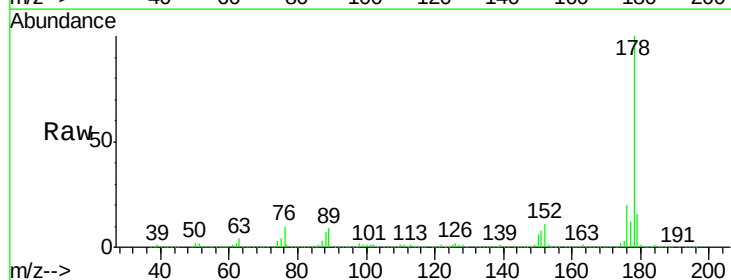


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

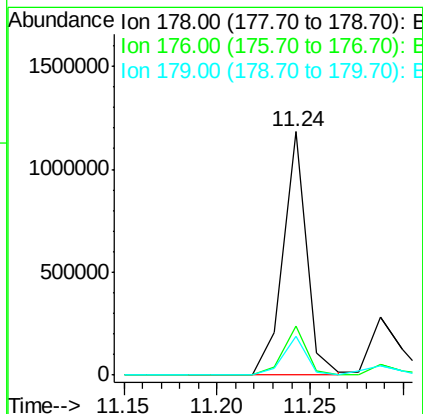
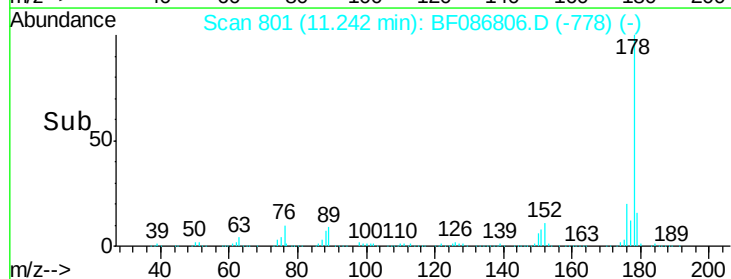


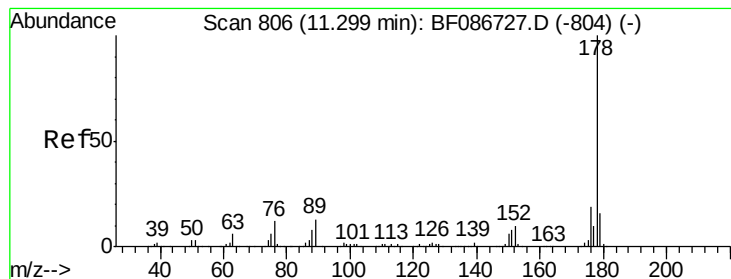
#70
 Phenanthrene
 Concen: 34.15 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.03 min
 Lab File: BF086806.D
 Acq: 8 May 2016 6:42

Tgt Ion:178 Resp: 1037003
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.0 24.0
 179 15.8 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





#71

Anthracene

Concen: 10.11 ng

RT: 11.29 min Scan# 805

Delta R.T. -0.05 min

Lab File: BF086806.D

Acq: 8 May 2016 6:42

Instrument :

BNA_F

ClientSampleId :

TP-3D02

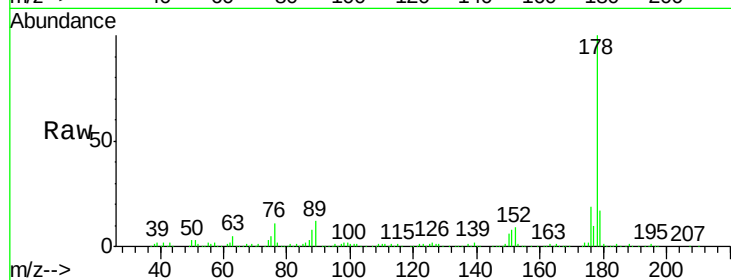
Tgt Ion:178 Resp: 321319

Ion Ratio Lower Upper

178 100

176 18.8 15.6 23.4

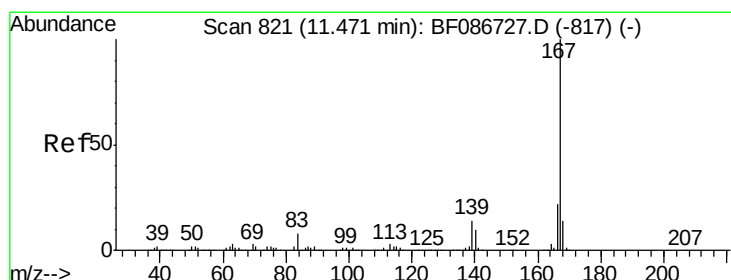
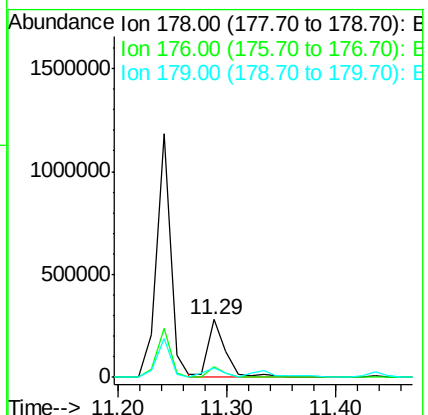
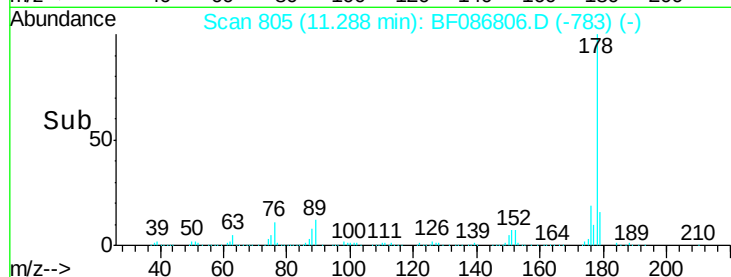
179 16.7 12.7 19.1



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



#72

Carbazole

Concen: 4.25 ng

RT: 11.46 min Scan# 820

Delta R.T. -0.03 min

Lab File: BF086806.D

Acq: 8 May 2016 6:42

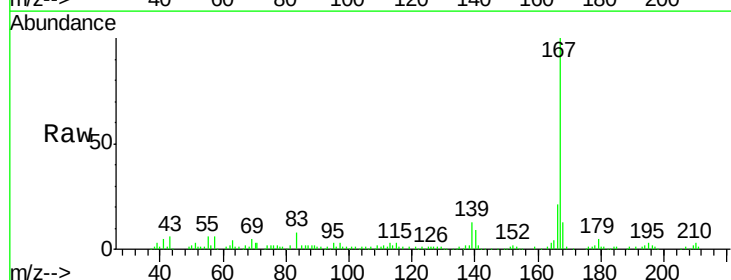
Tgt Ion:167 Resp: 117260

Ion Ratio Lower Upper

167 100

166 21.4 17.7 26.5

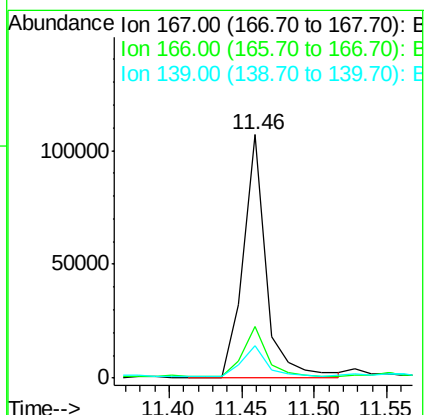
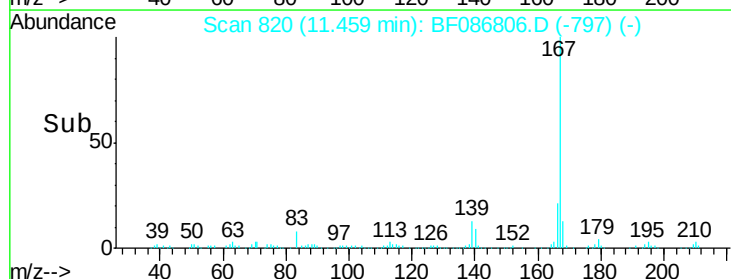
139 13.2 10.8 16.2

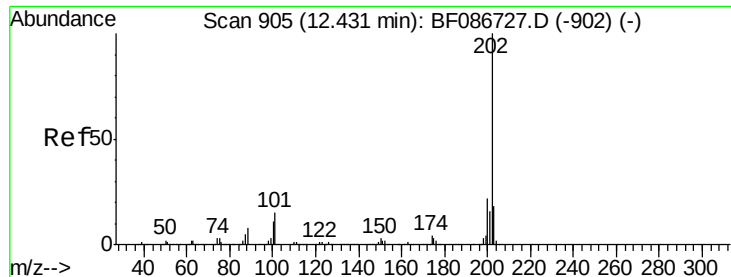


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 42.60 ng

RT: 12.43 min Scan# 905

Delta R.T. -0.03 min

Lab File: BF086806.D

Acq: 8 May 2016 6:42

Instrument :

BNA_F

ClientSampleId :

TP-3D02

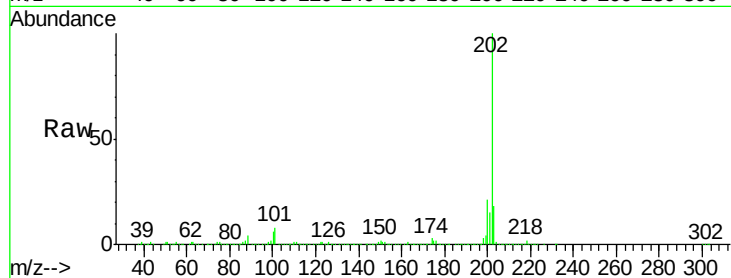
Tgt Ion:202 Resp: 1296309

Ion Ratio Lower Upper

202 100

101 8.3 0.0 35.4

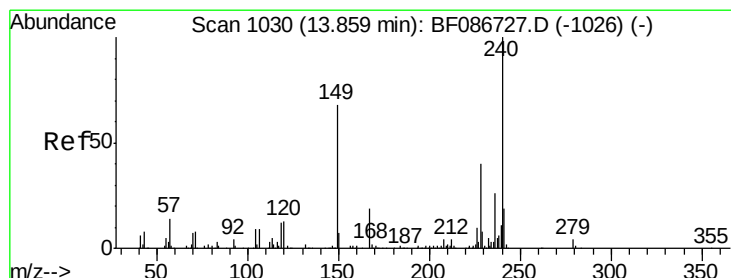
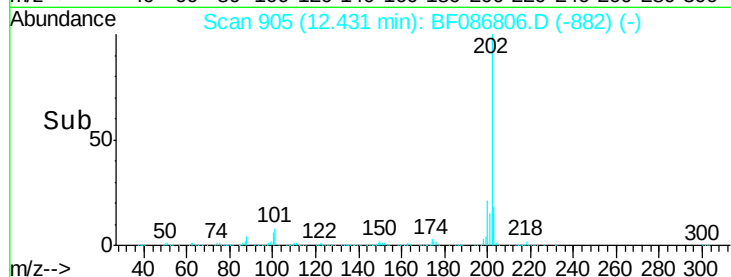
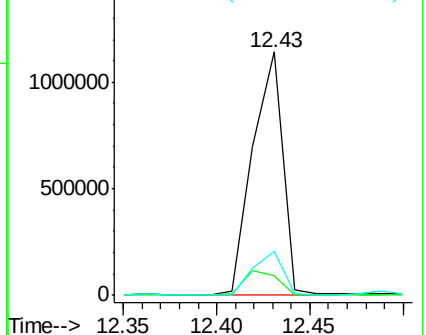
203 18.0 0.0 38.1



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: 40.00 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.03 min

Lab File: BF086806.D

Acq: 8 May 2016 6:42

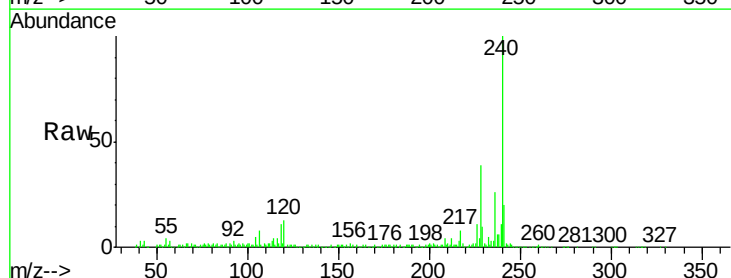
Tgt Ion:240 Resp: 352414

Ion Ratio Lower Upper

240 100

120 12.6 11.2 16.8

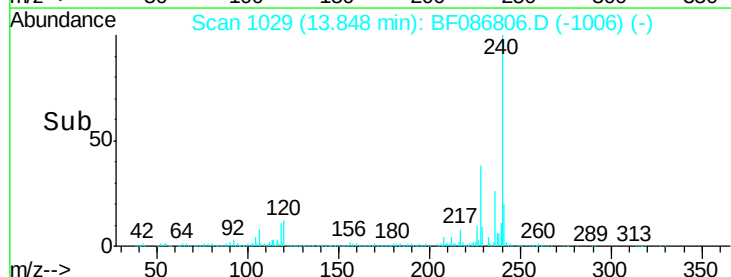
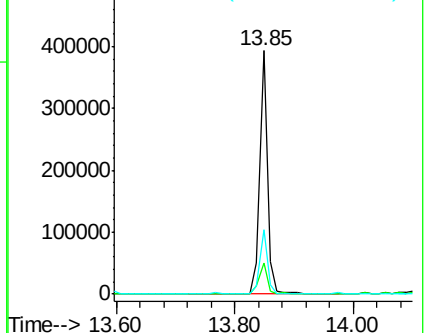
236 26.4 21.2 31.8

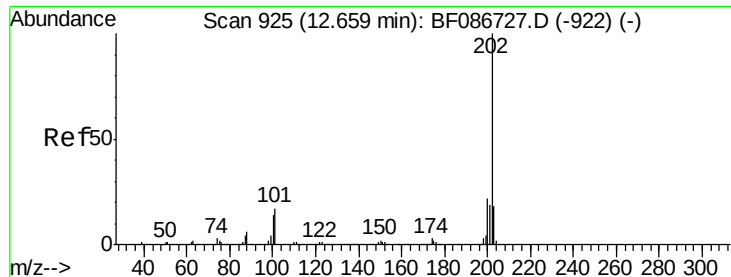


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 35.07 ng

RT: 12.65 min Scan# 924

Delta R.T. -0.05 min

Lab File: BF086806.D

Acq: 8 May 2016 6:42

Instrument :

BNA_F

ClientSampleId :

TP-3D02

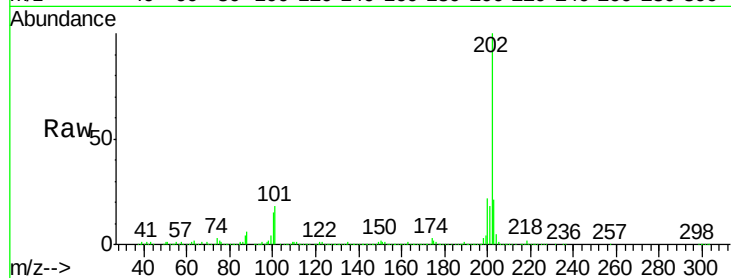
Tgt Ion:202 Resp: 985424

Ion Ratio Lower Upper

202 100

200 22.3 17.7 26.5

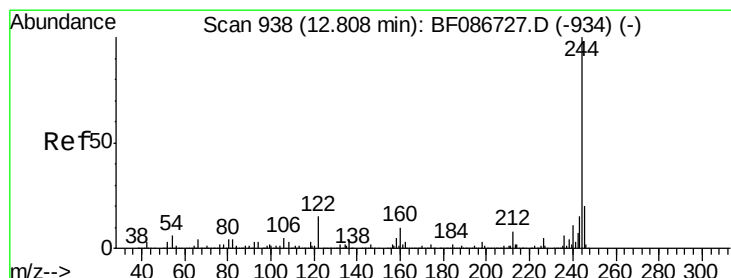
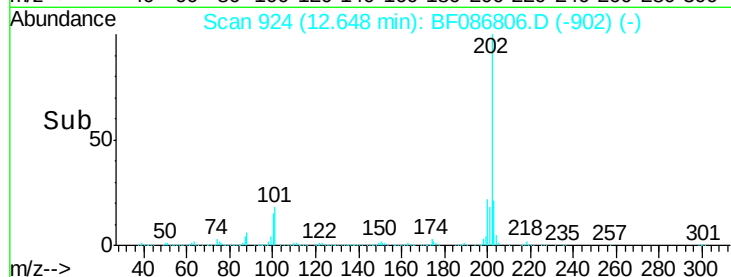
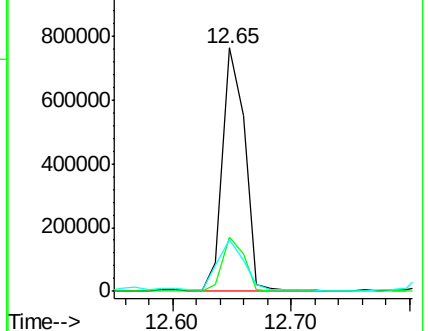
203 21.0 14.2 21.4



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: 81.54 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.03 min

Lab File: BF086806.D

Acq: 8 May 2016 6:42

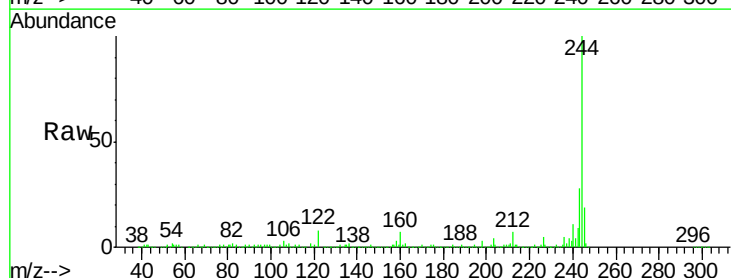
Tgt Ion:244 Resp: 1421909

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

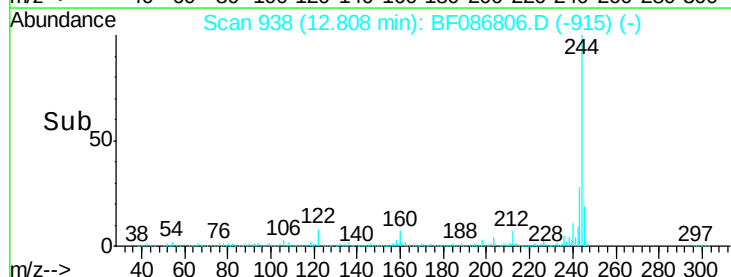
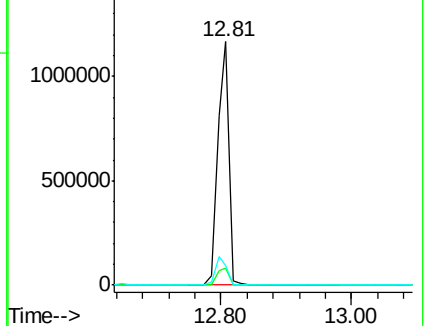
122 7.9 12.0 18.0#

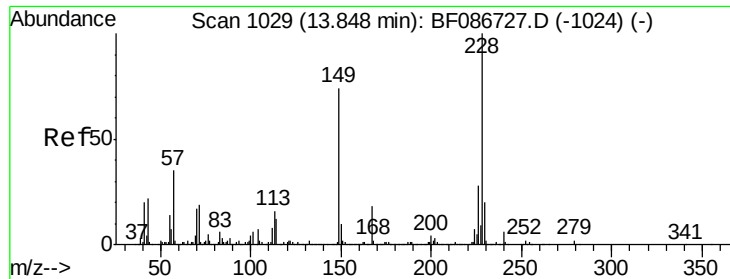


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 31.13 ng

RT: 13.84 min Scan# 1028

Delta R.T. -0.03 min

Lab File: BF086806.D

Acq: 8 May 2016 6:42

Instrument :

BNA_F

ClientSampleId :

TP-3D02

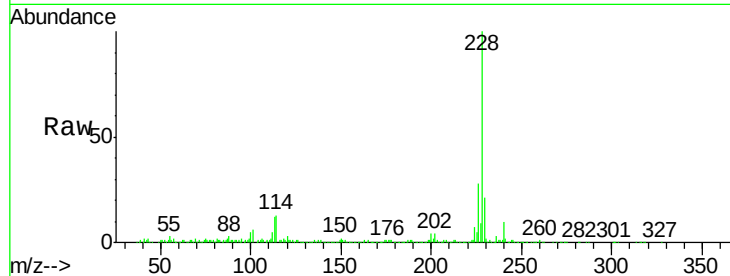
Tgt Ion:228 Resp: 620442

Ion Ratio Lower Upper

228 100

226 28.3 22.5 33.7

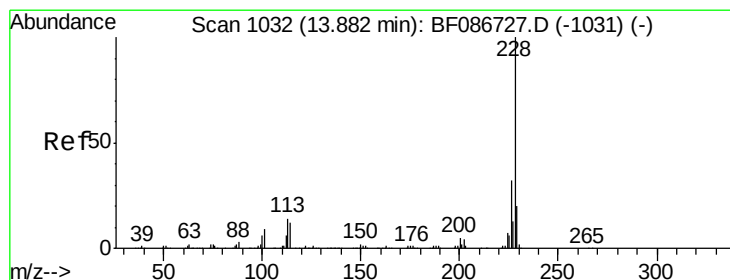
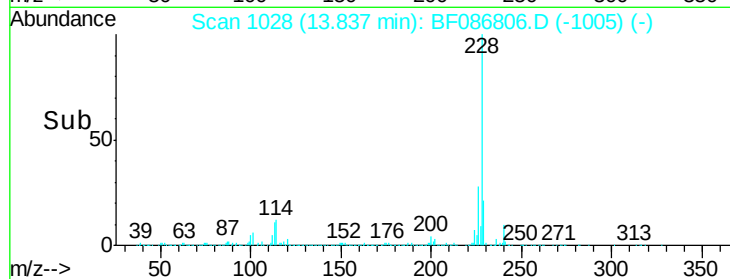
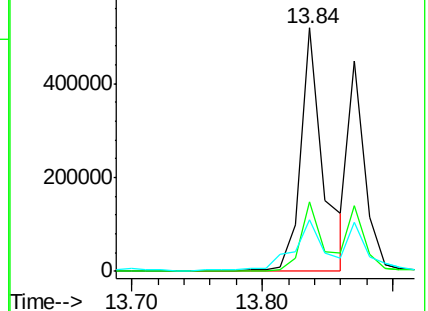
229 21.1 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 18.82 ng

RT: 13.87 min Scan# 1031

Delta R.T. -0.05 min

Lab File: BF086806.D

Acq: 8 May 2016 6:42

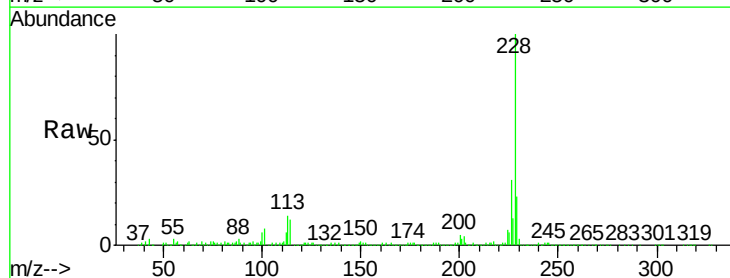
Tgt Ion:228 Resp: 400232

Ion Ratio Lower Upper

228 100

226 31.2 24.4 36.6

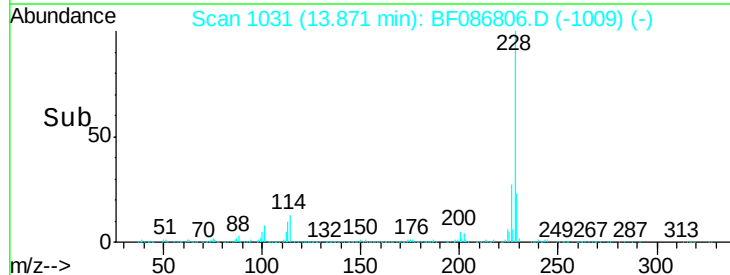
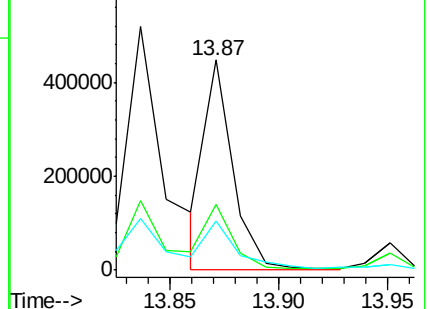
229 23.1 15.8 23.8

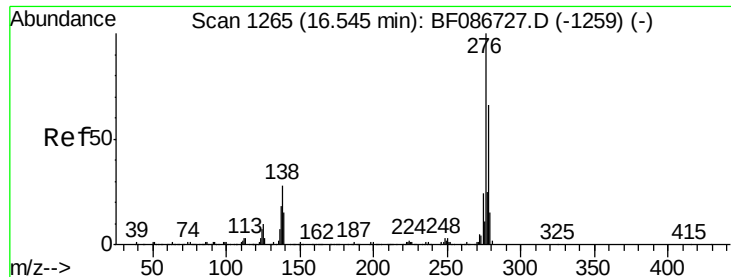


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Indeno(1,2,3-cd)pyrene

Concen: 10.82 ng

RT: 16.52 min Scan# 1263

Delta R.T. -0.07 min

Lab File: BF086806.D

Acq: 8 May 2016 6:42

Instrument :

BNA_F

ClientSampleId :

TP-3D02

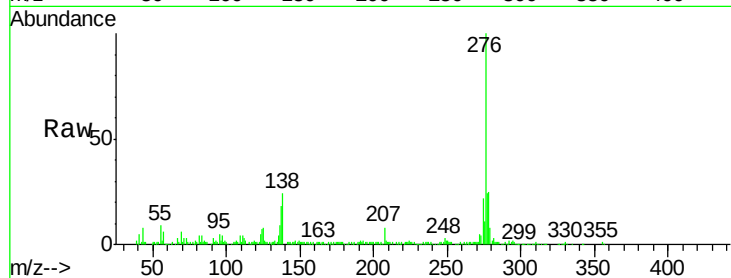
Tgt Ion: 276 Resp: 197379

Ion Ratio Lower Upper

276 100

138 27.2 25.6 38.4

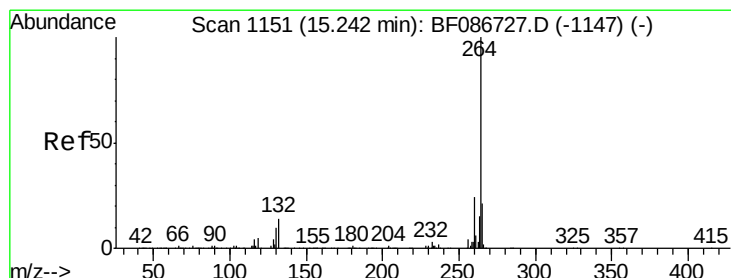
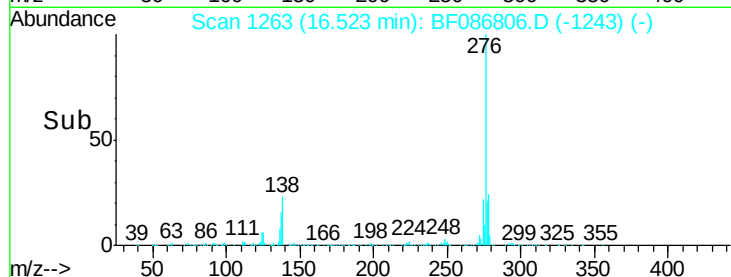
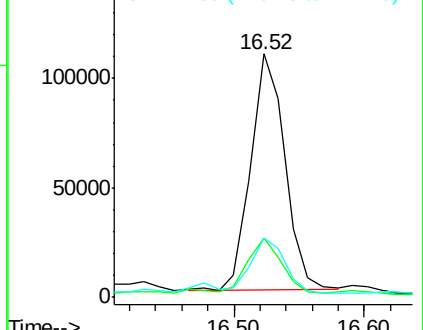
277 31.0 20.5 30.7#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 40.00 ng

RT: 15.23 min Scan# 1150

Delta R.T. -0.03 min

Lab File: BF086806.D

Acq: 8 May 2016 6:42

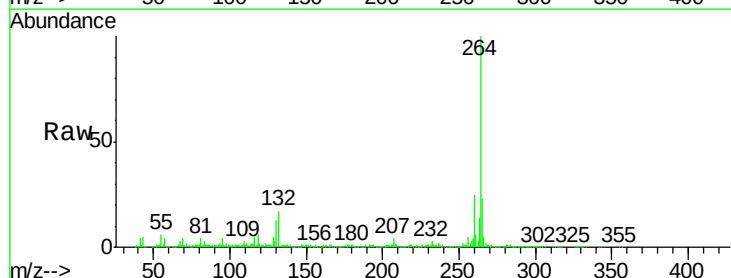
Tgt Ion: 264 Resp: 338605

Ion Ratio Lower Upper

264 100

260 25.0 19.5 29.3

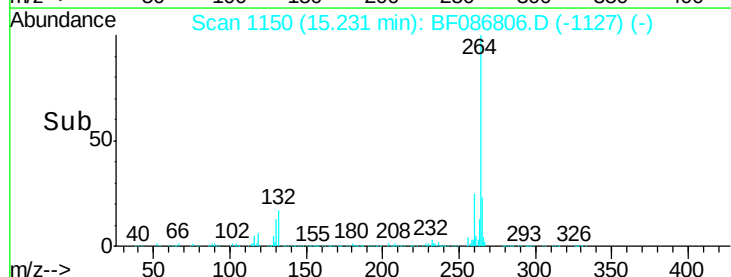
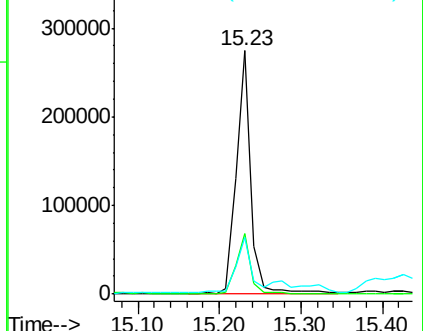
265 23.1 17.3 25.9

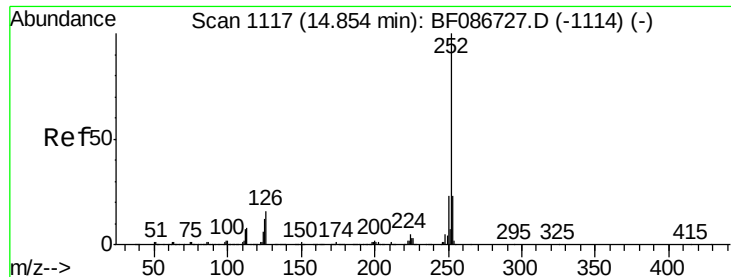


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 37.32 ng

RT: 14.85 min Scan# 1117

Delta R.T. -0.03 min

Lab File: BF086806.D

Acq: 8 May 2016 6:42

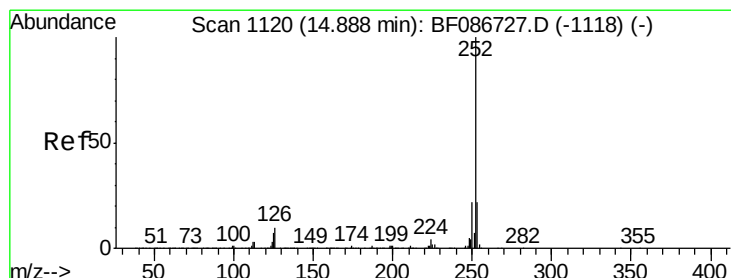
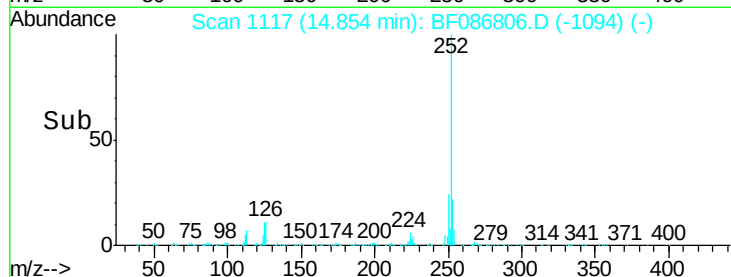
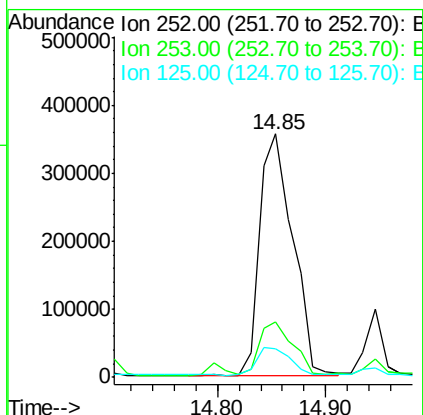
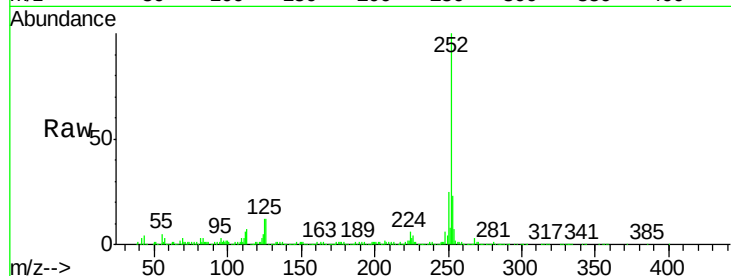
Instrument :

BNA_F

ClientSampleId :

TP-3D02

Tgt Ion:	252	Resp:	759242
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.8	26.6
125	12.0	11.4	17.0



#88

Benzo(k)fluoranthene

Concen: 39.61 ng

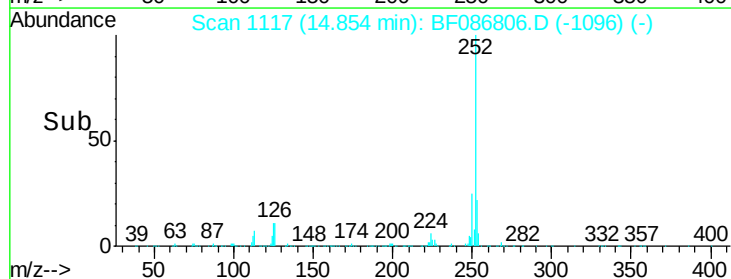
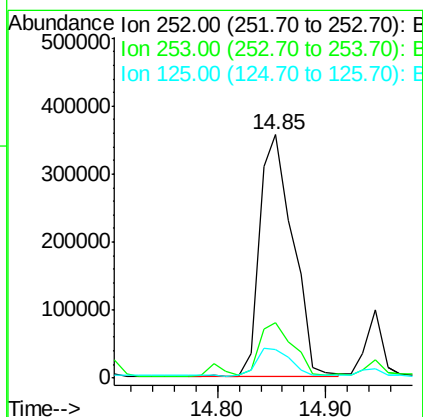
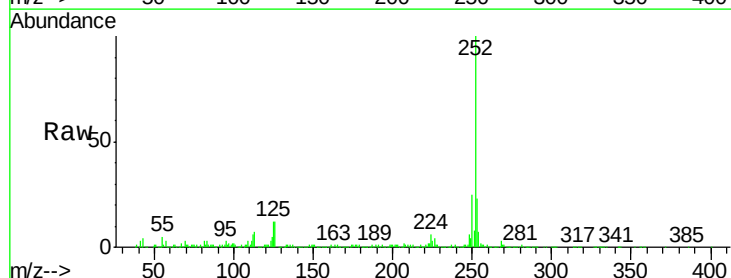
RT: 14.85 min Scan# 1117

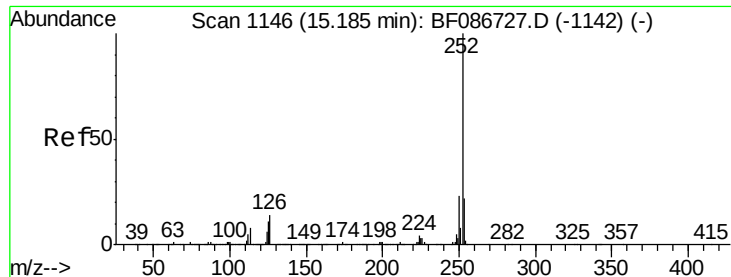
Delta R.T. -0.06 min

Lab File: BF086806.D

Acq: 8 May 2016 6:42

Tgt Ion:	252	Resp:	759242
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.8	26.6
125	12.0	9.1	13.7





#89

Benzo(a)pyrene

Concen: 21.28 ng

RT: 15.17 min Scan# 1145

Delta R.T. -0.05 min

Lab File: BF086806.D

Acq: 8 May 2016 6:42

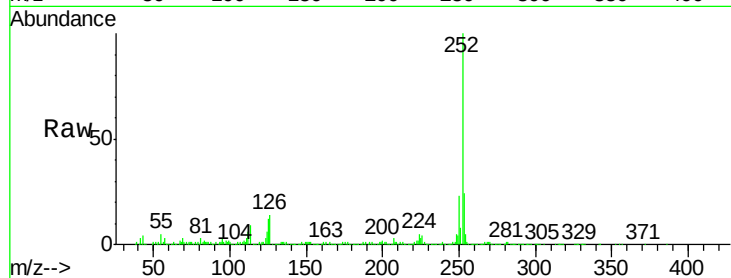
Instrument :

BNA_F

ClientSampleId :

TP-3D02

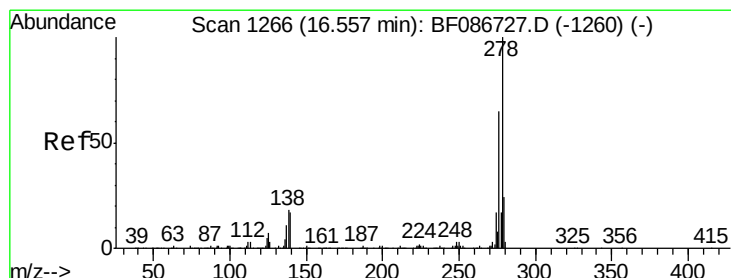
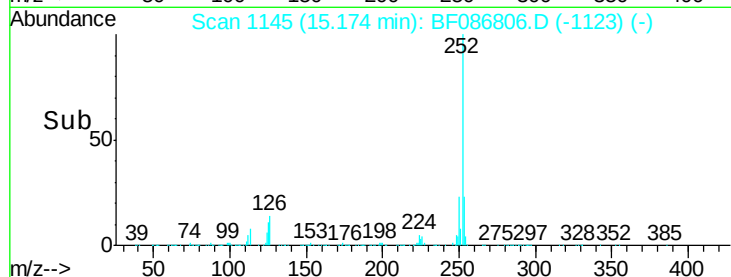
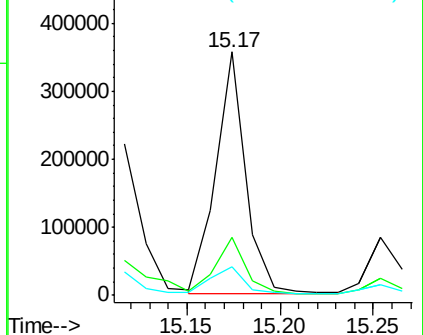
Tgt Ion:	252	Resp:	398775
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.2	25.8
125	11.5	9.0	13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 3.06 ng

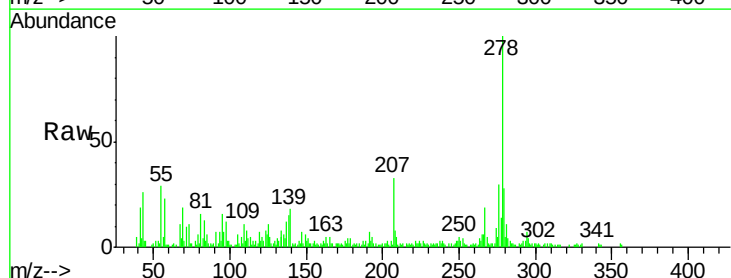
RT: 16.68 min Scan# 1277

Delta R.T. 0.08 min

Lab File: BF086806.D

Acq: 8 May 2016 6:42

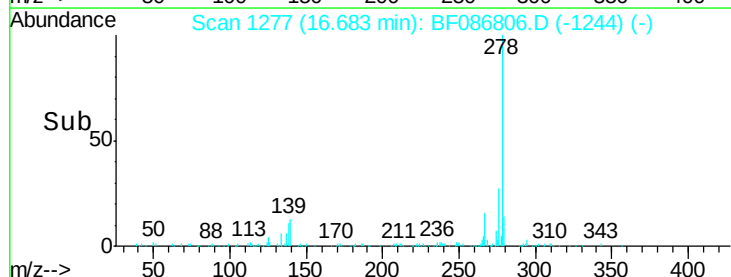
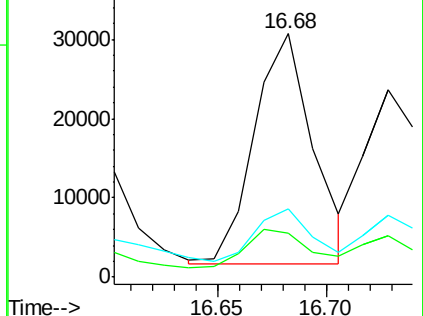
Tgt Ion:	278	Resp:	55093
Ion Ratio	Lower	Upper	
278	100		
139	17.8	16.6	24.8
279	28.0	19.6	29.4

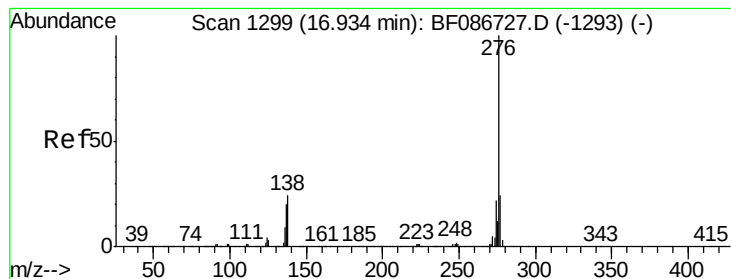


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 9.14 ng

RT: 16.91 min Scan# 1297

Delta R.T. -0.08 min

Lab File: BF086806.D

Acq: 8 May 2016 6:42

Instrument :

BNA_F

ClientSampleId :

TP-3D02

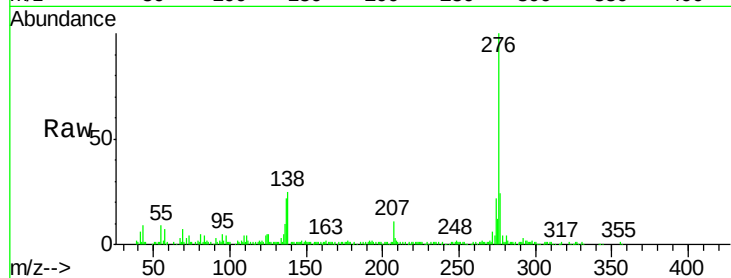
Tgt Ion: 276 Resp: 172835

Ion Ratio Lower Upper

276 100

277 24.2 19.6 29.4

138 25.3 23.6 35.4



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

