

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091515\
 Data File : BF081627.D
 Acq On : 15 Sep 2015 13:35
 Operator : UM/IZ
 Sample : G3597-04RE 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP-4(0-5)RE

Quant Time: Sep 15 14:22:22 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 14:03:59 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	60127	20.00	ng	-0.01
21) Naphthalene-d8	11.11	136	239454	20.00	ng	-0.01
38) Acenaphthene-d10	15.25	164	109128	20.00	ng	-0.01
63) Phenanthrene-d10	18.76	188	204137	20.00	ng	0.00
75) Chrysene-d12	23.38	240	132637	20.00	ng	0.00
86) Perylene-d12	24.81	264	113093	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.37	112	21001	5.42	ng	0.02
7) Phenol-d6	7.62	99	116835	22.78	ng	-0.02
23) Nitrobenzene-d5	9.50	82	92672	18.67	ng	-0.03
41) 2,4,6-Tribromophenol	17.16	330	699	0.72	ng	-0.01
44) 2-Fluorobiphenyl	13.75	172	158073	18.56	ng	-0.02
78) Terphenyl-d14	22.10	244	121671	21.35	ng	-0.01

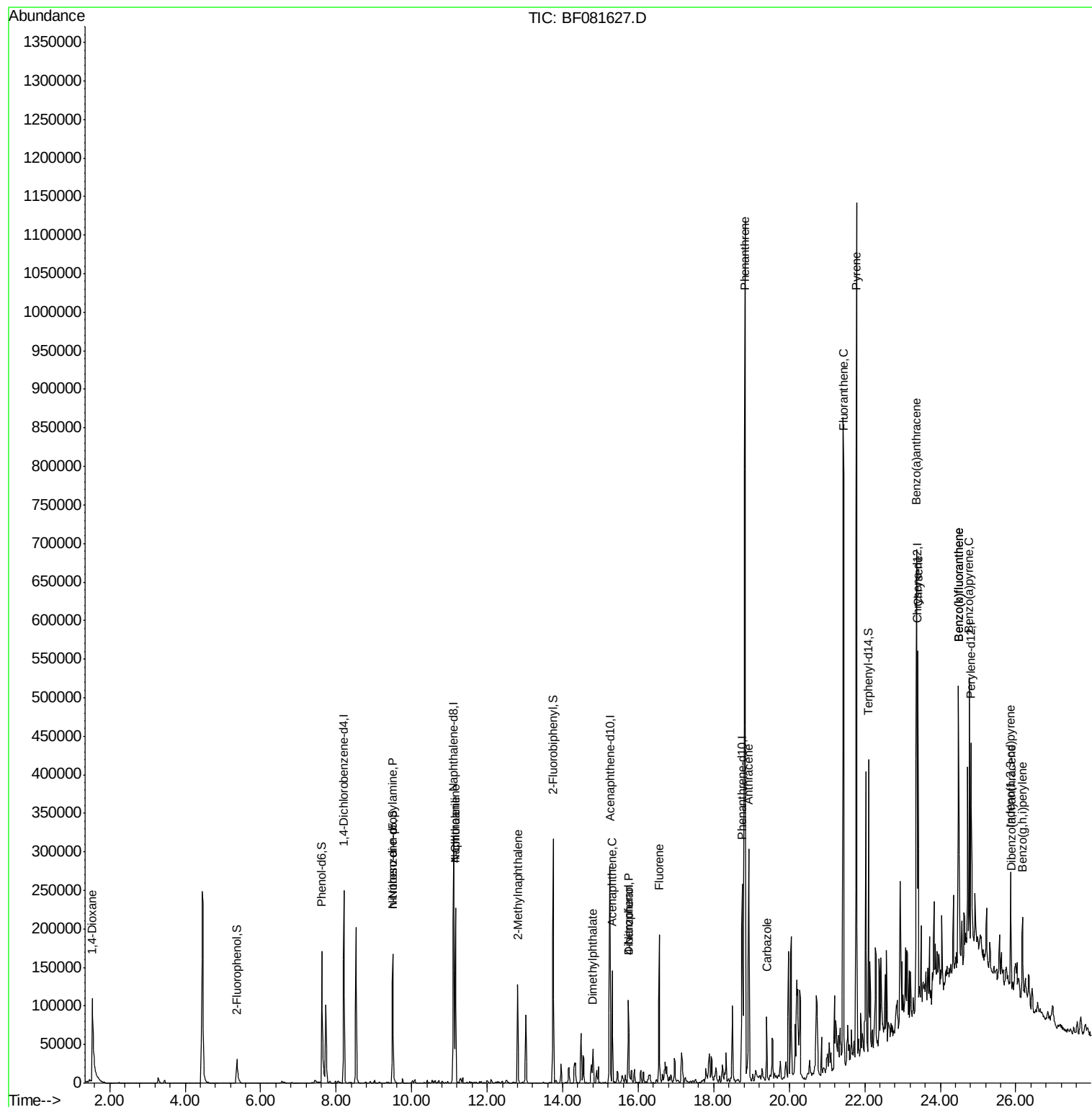
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.54	88	5583	3.21	ng	# 11
19) n-Nitroso-di-n-propylamine	9.50	70	12798	3.67	ng	# 62
31) Naphthalene	11.16	128	162463	12.72	ng	98
33) 4-Chloroaniline	11.16	127	21115	4.05	ng	# 34
37) 2-Methylnaphthalene	12.81	142	59833	7.20	ng	# 88
49) Dimethylphthalate	14.80	163	30884	3.64	ng	# 96
51) Acenaphthene	15.32	154	49091	6.71	ng	# 84
54) Dibenzofuran	15.74	168	73979	6.92	ng	# 87
55) 4-Nitrophenol	15.74	139	30073	21.85	ng	# 27
57) Fluorene	16.55	166	91889	11.33	ng	93
70) Phenanthrene	18.82	178	850372	74.93	ng	97
71) Anthracene	18.93	178	213331	18.30	ng	99
72) Carbazole	19.40	167	58438	5.34	ng	96
74) Fluoranthene	21.44	202	654556	53.28	ng	86
77) Pyrene	21.78	202	581401	59.18	ng	# 93
80) Benzo(a)anthracene	23.37	228	233447	27.64	ng	97
82) Chrysene	23.41	228	163291	21.57	ng	95
85) Indeno(1,2,3-cd)pyrene	25.87	276	79091	14.24	ng	# 81
87) Benzo(b)fluoranthene	24.48	252	237064	29.36	ng	# 87
88) Benzo(k)fluoranthene	24.48	252	237064	35.39	ng	# 87
89) Benzo(a)pyrene	24.77	252	140351	20.51	ng	# 85
90) Dibenz(a,h)anthracene	25.88	278	26804	5.07	ng	# 77
91) Benzo(g,h,i)perylene	26.17	276	70806	14.03	ng	# 71

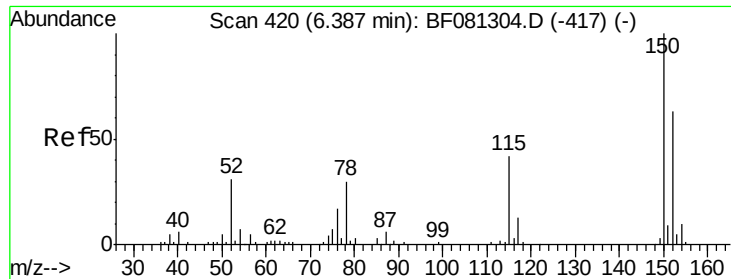
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091515\
Data File : BF081627.D
Acq On : 15 Sep 2015 13:35
Operator : UM/IZ
Sample : G3597-04RE 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GP-4(0-5)RE

Quant Time: Sep 15 14:22:22 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 15 14:03:59 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.21 min Scan# 601

Delta R.T. -0.01 min

Lab File: BF081627.D

Acq: 15 Sep 2015 13:35

Instrument :

BNA_F

ClientSampleId :

GP-4(0-5)RE

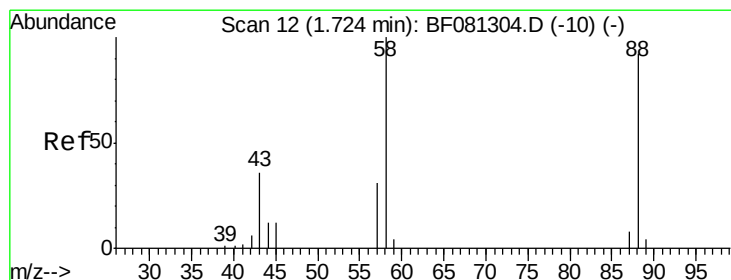
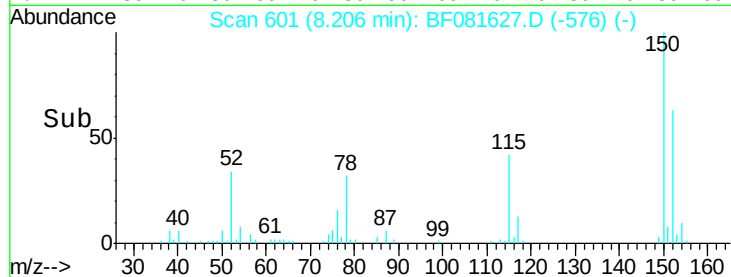
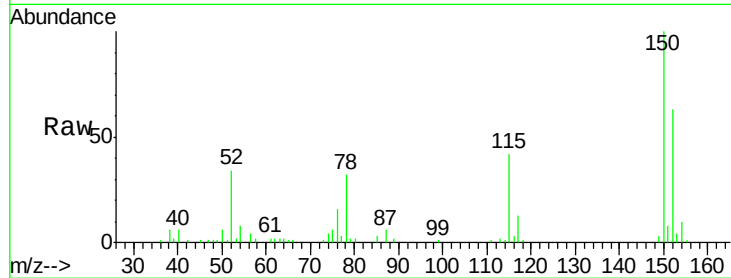
Tgt Ion:152 Resp: 60127

Ion Ratio Lower Upper

152 100

150 157.6 124.7 187.1

115 65.9 39.0 58.4#



#2

1,4-Dioxane

Concen: 3.21 ng

RT: 1.54 min Scan# 18

Delta R.T. -0.02 min

Lab File: BF081627.D

Acq: 15 Sep 2015 13:35

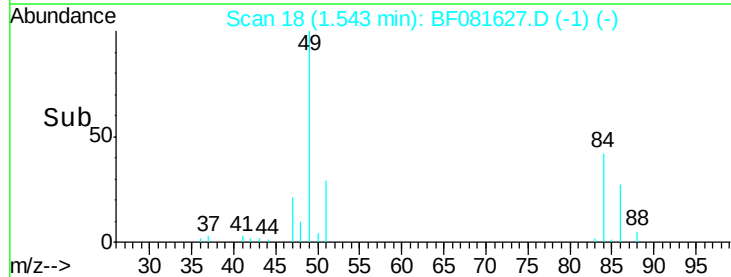
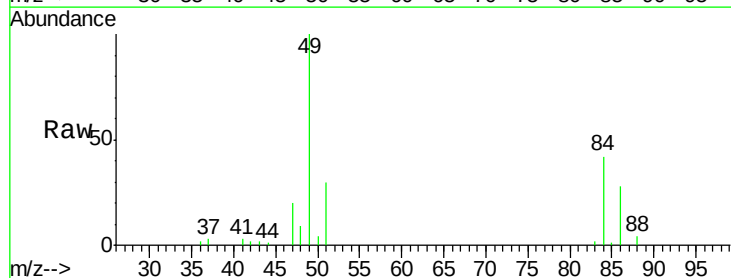
Tgt Ion: 88 Resp: 5583

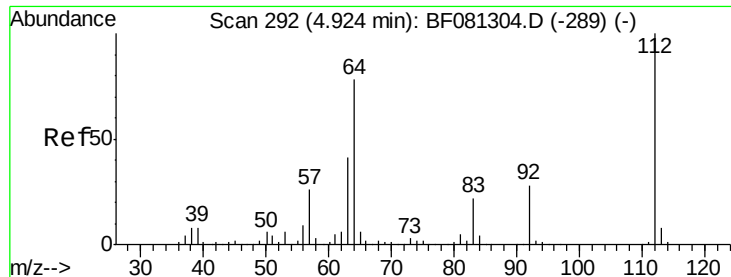
Ion Ratio Lower Upper

88 100

58 0.0 77.7 116.5#

43 0.0 26.6 40.0#





#5

2-Fluorophenol

Concen: 5.42 ng

RT: 5.37 min Scan# 353

Delta R.T. 0.02 min

Lab File: BF081627.D

Acq: 15 Sep 2015 13:35

Instrument :

BNA_F

ClientSampleId :

GP-4(0-5)RE

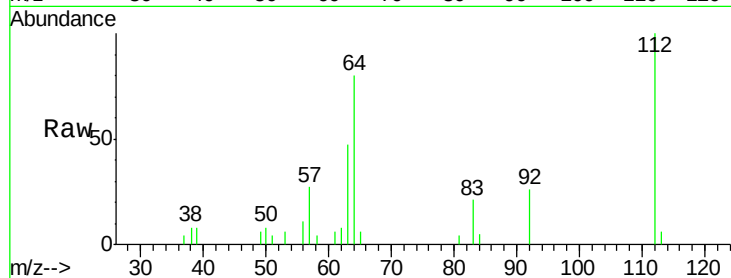
Tgt Ion: 112 Resp: 21001

Ion Ratio Lower Upper

112 100

64 79.6 39.7 59.5#

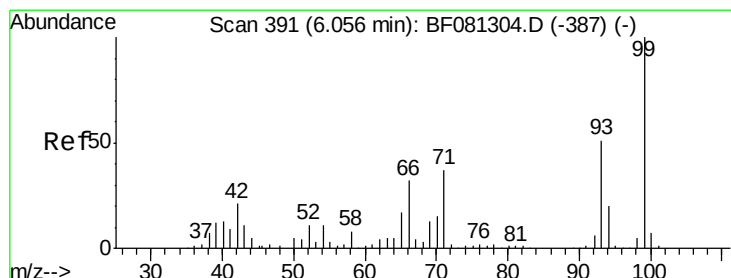
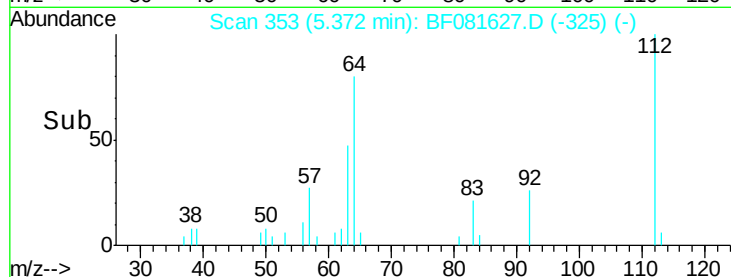
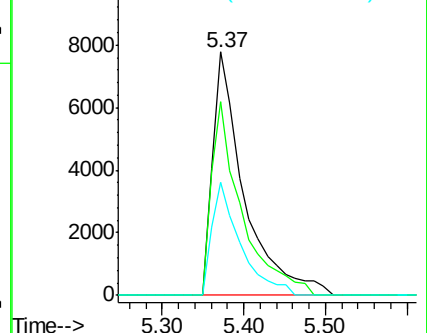
63 46.5 17.4 26.0#



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: 22.78 ng

RT: 7.62 min Scan# 550

Delta R.T. -0.02 min

Lab File: BF081627.D

Acq: 15 Sep 2015 13:35

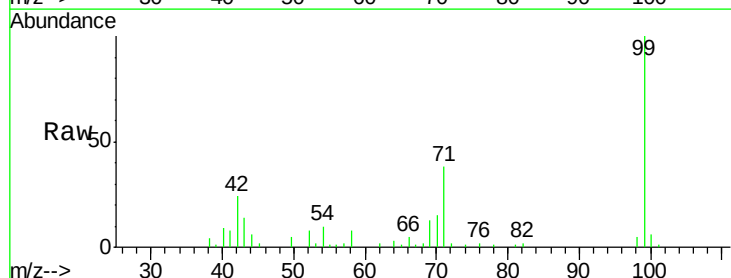
Tgt Ion: 99 Resp: 116835

Ion Ratio Lower Upper

99 100

42 24.1 13.7 20.5#

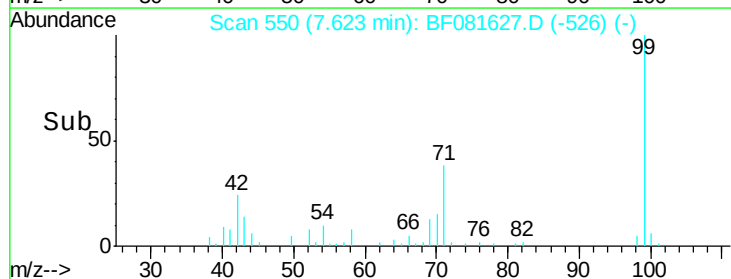
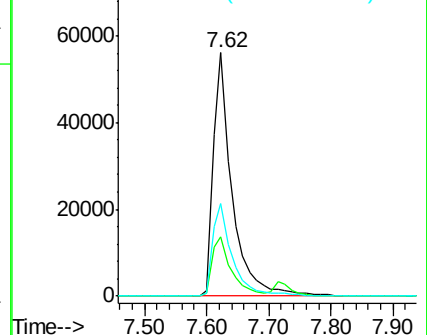
71 38.1 14.2 21.2#

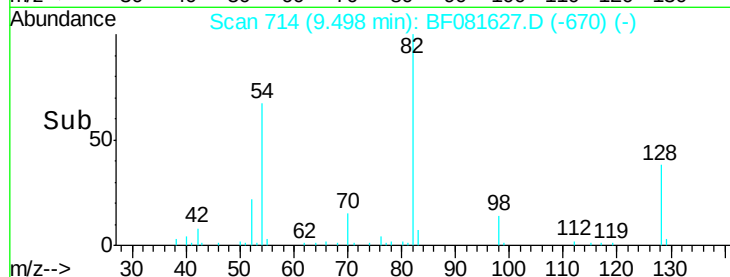
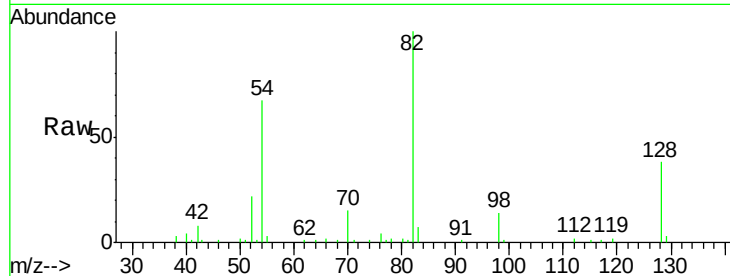
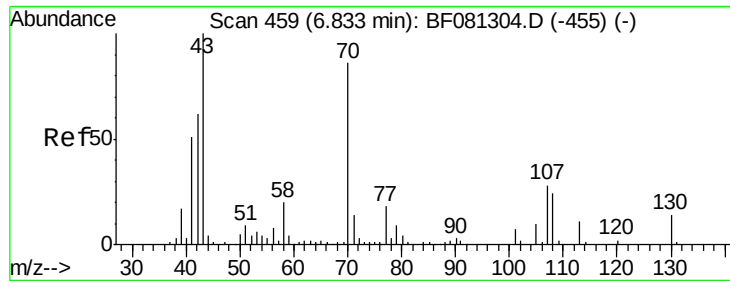


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

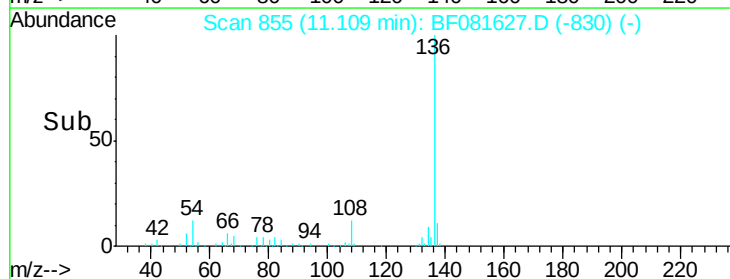
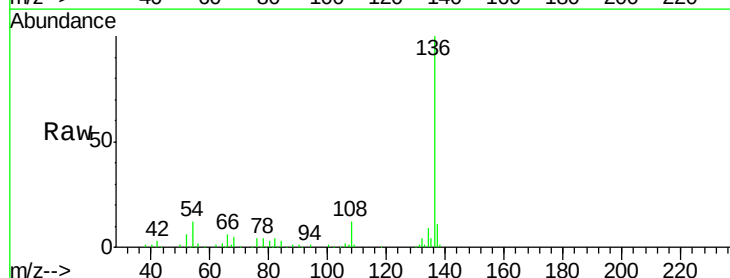
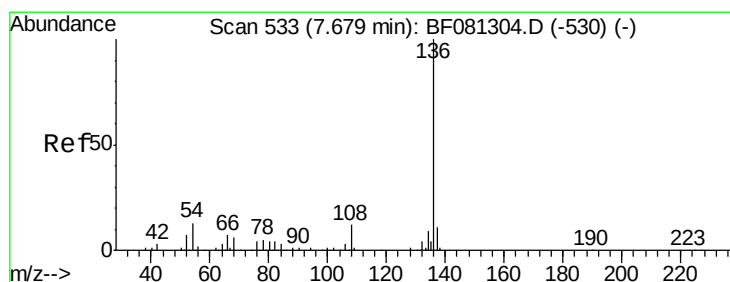
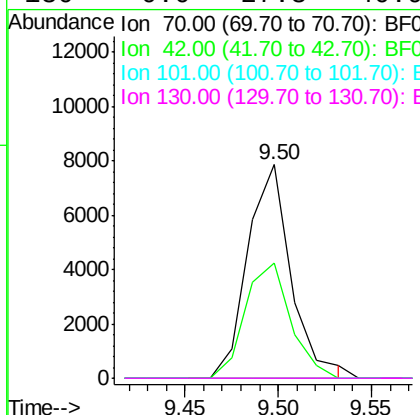




#19
n-Nitroso-di-n-propylamine
Concen: 3.67 ng
RT: 9.50 min Scan# 714
Delta R.T. 0.21 min
Lab File: BF081627.D
Acq: 15 Sep 2015 13:35

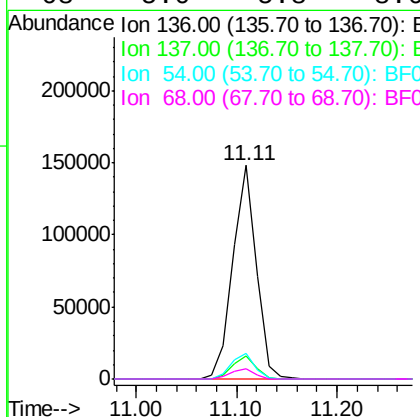
Instrument :
BNA_F
ClientSampleId :
GP-4(0-5)RE

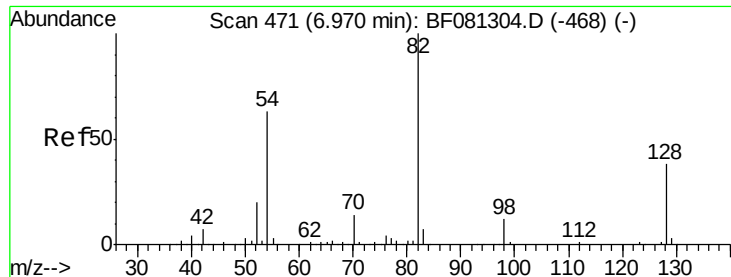
Tgt Ion:	70	Resp:	12798
Ion Ratio	Lower	Upper	
70	100		
42	53.7	63.8	95.6#
101	0.0	9.2	13.8#
130	0.0	27.3	40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.11 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF081627.D
Acq: 15 Sep 2015 13:35

Tgt Ion:	136	Resp:	239454
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.0	13.6
54	11.8	8.2	12.2
68	5.0	5.8	8.6#

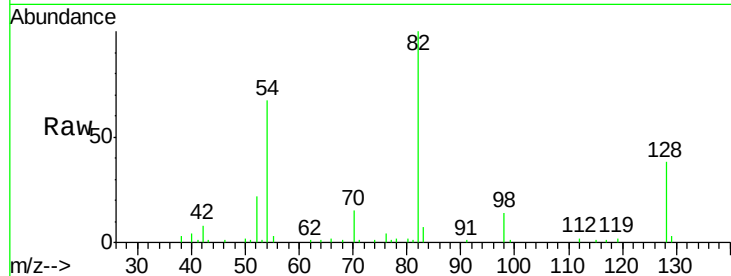




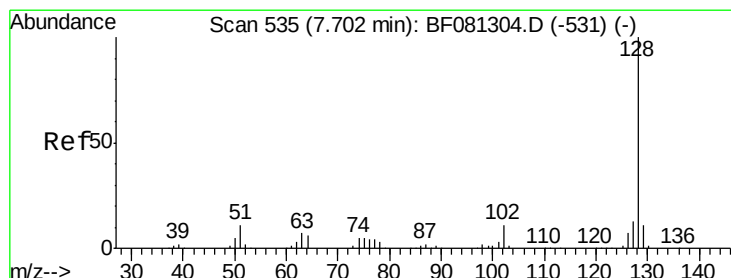
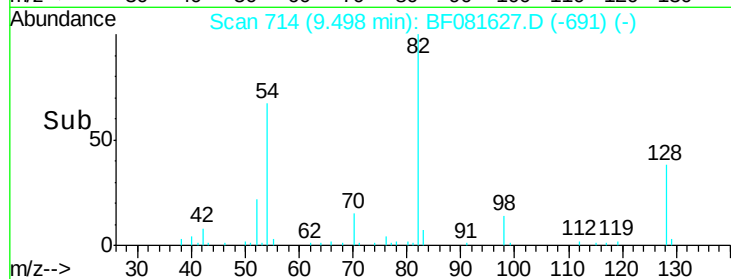
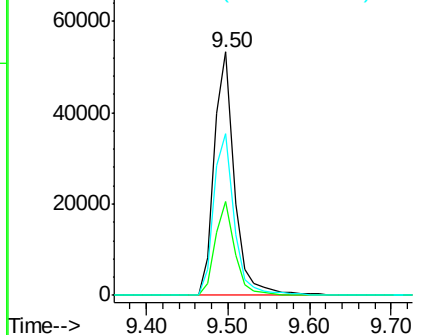
#23
 Nitrobenzene-d5
 Concen: 18.67 ng
 RT: 9.50 min Scan# 714
 Delta R.T. -0.03 min
 Lab File: BF081627.D
 Acq: 15 Sep 2015 13:35

Instrument :
 BNA_F
 ClientSampleId :
 GP-4(0-5)RE

Tgt Ion: 82 Resp: 92672
 Ion Ratio Lower Upper
 82 100
 128 38.4 51.0 76.6#
 54 66.6 47.5 71.3

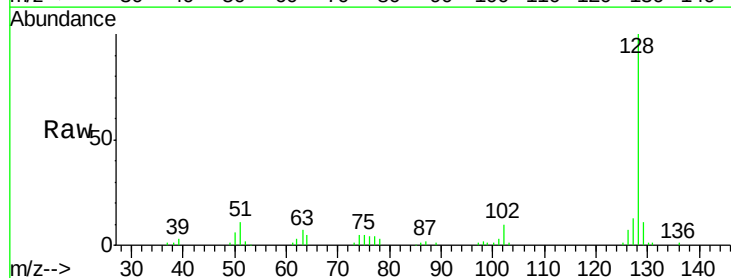


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

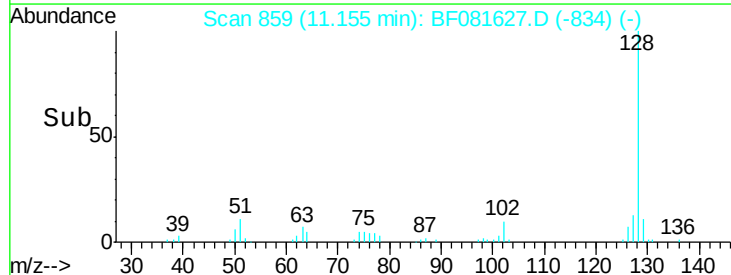
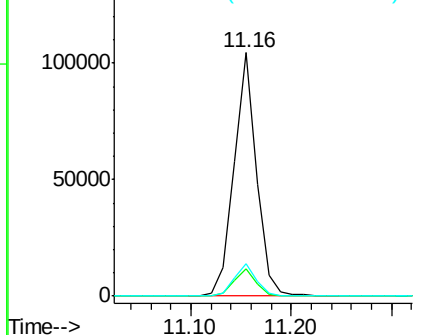


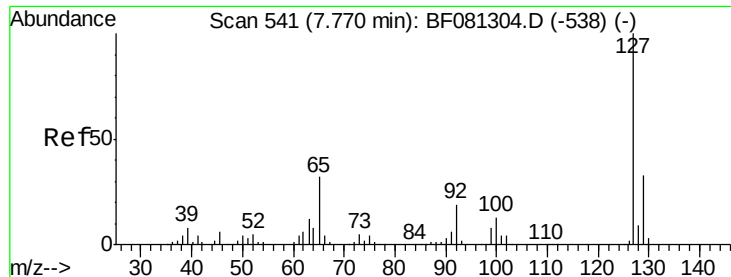
#31
 Naphthalene
 Concen: 12.72 ng
 RT: 11.16 min Scan# 859
 Delta R.T. -0.01 min
 Lab File: BF081627.D
 Acq: 15 Sep 2015 13:35

Tgt Ion: 128 Resp: 162463
 Ion Ratio Lower Upper
 128 100
 129 11.1 8.4 12.6
 127 13.2 9.9 14.9



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

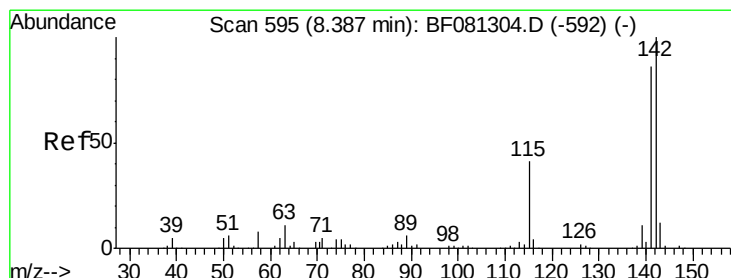
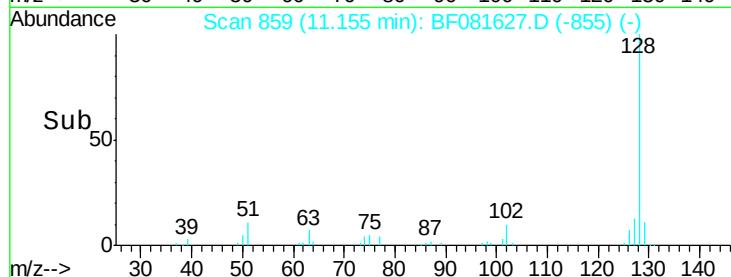
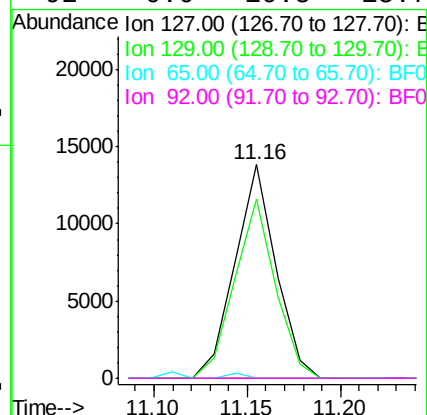
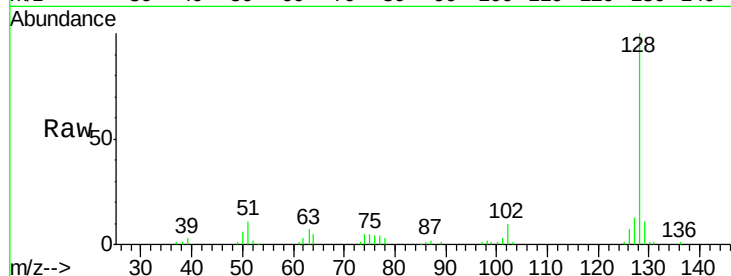




#33
4-Chloroaniline
Concen: 4.05 ng
RT: 11.16 min Scan# 859
Delta R.T. -0.25 min
Lab File: BF081627.D
Acq: 15 Sep 2015 13:35

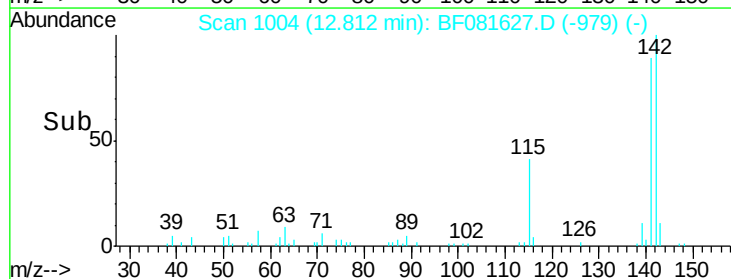
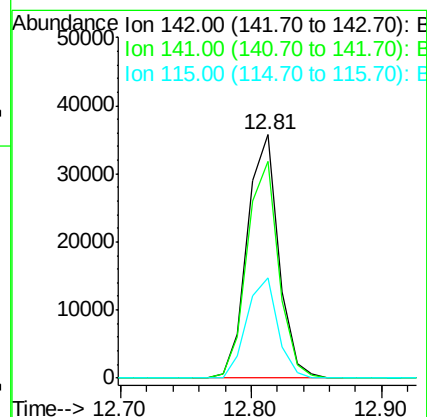
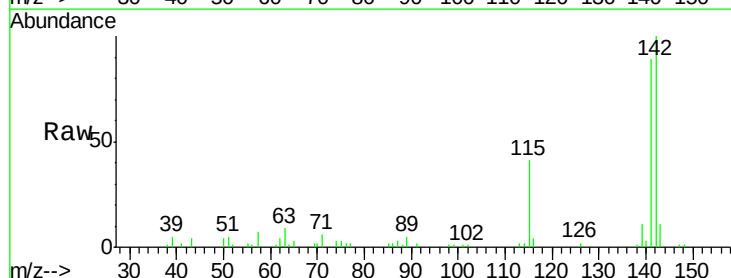
Instrument :
BNA_F
ClientSampleId :
GP-4(0-5)RE

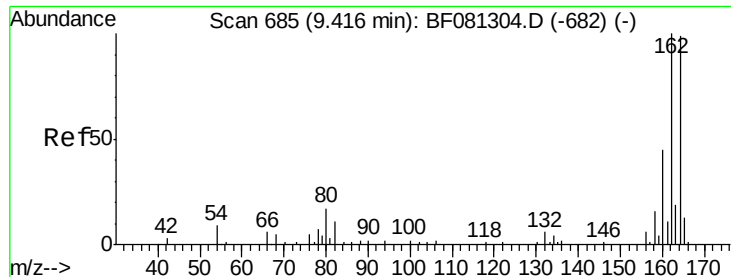
Tgt Ion:127 Resp: 21115
Ion Ratio Lower Upper
127 100
129 83.7 25.8 38.6#
65 0.0 17.9 26.9#
92 0.0 10.5 15.7#



#37
2-Methylnaphthalene
Concen: 7.20 ng
RT: 12.81 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF081627.D
Acq: 15 Sep 2015 13:35

Tgt Ion:142 Resp: 59833
Ion Ratio Lower Upper
142 100
141 89.1 67.5 101.3
115 41.2 18.2 27.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.25 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BF081627.D

Acq: 15 Sep 2015 13:35

Instrument :

BNA_F

ClientSampleId :

GP-4(0-5)RE

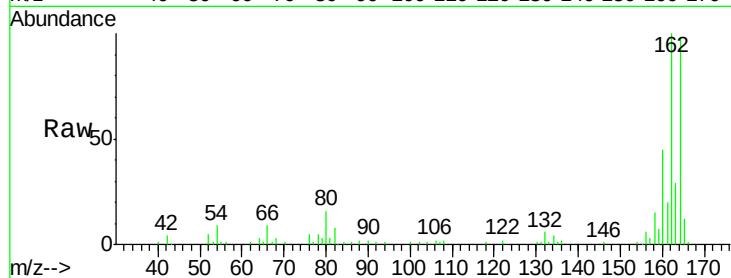
Tgt Ion:164 Resp: 109128

Ion Ratio Lower Upper

164 100

162 102.5 75.2 112.8

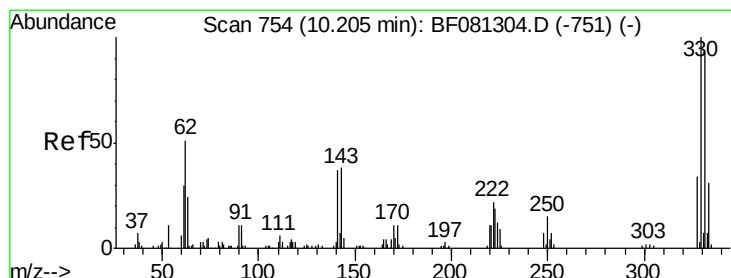
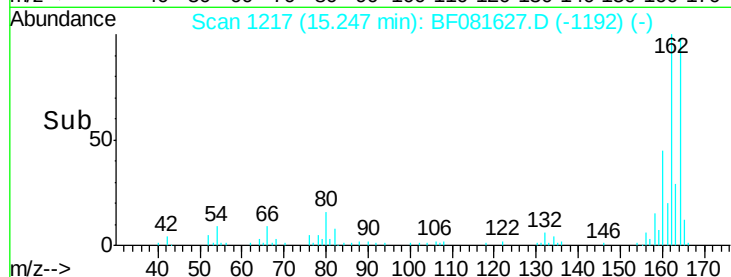
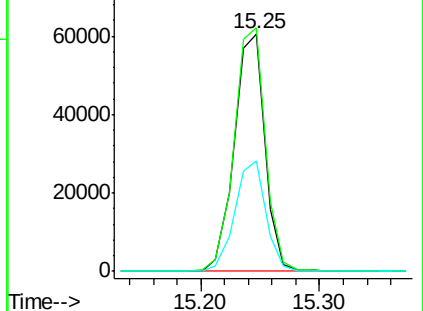
160 46.6 31.5 47.3



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: 0.72 ng

RT: 17.16 min Scan# 1384

Delta R.T. -0.01 min

Lab File: BF081627.D

Acq: 15 Sep 2015 13:35

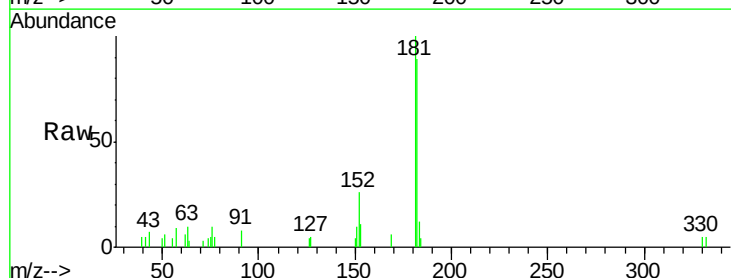
Tgt Ion:330 Resp: 699

Ion Ratio Lower Upper

330 100

332 91.8 76.6 114.8

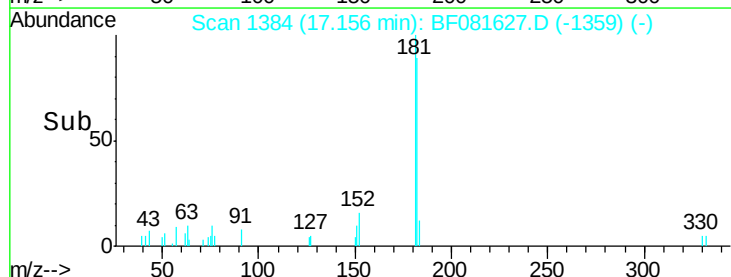
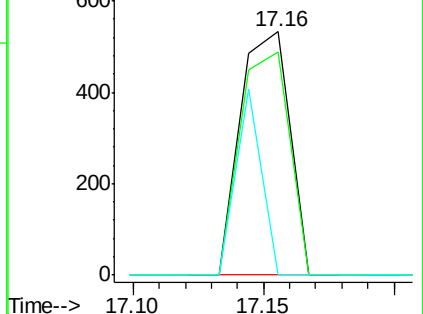
141 40.1 29.7 44.5

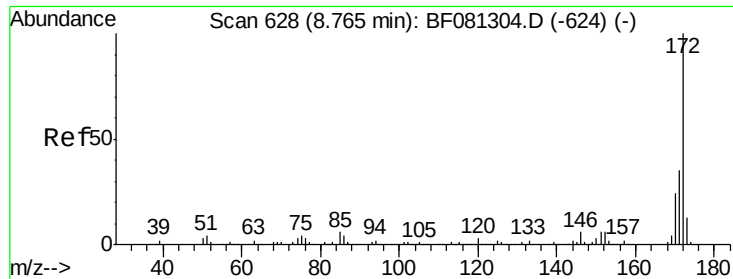


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

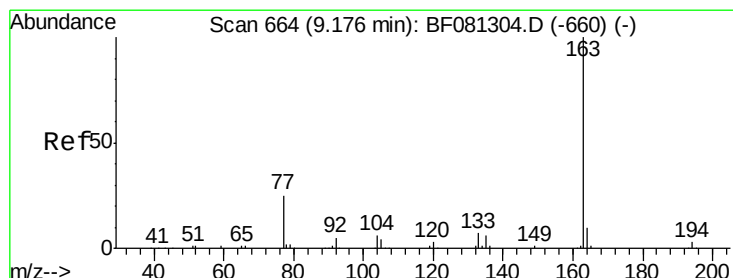
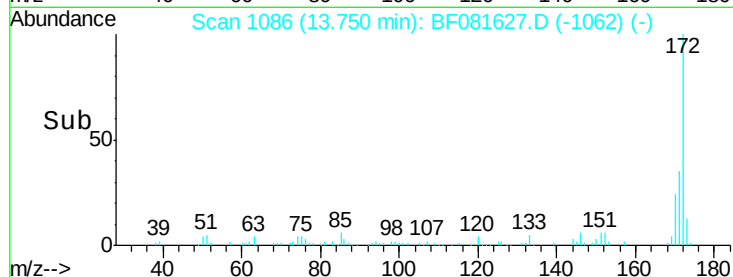
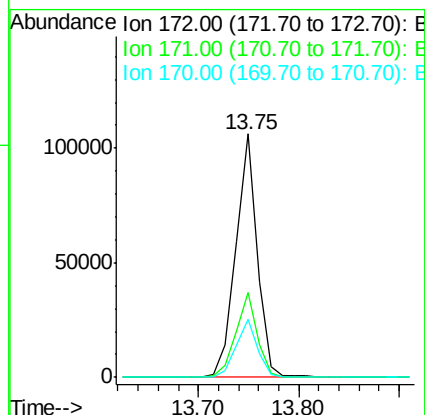
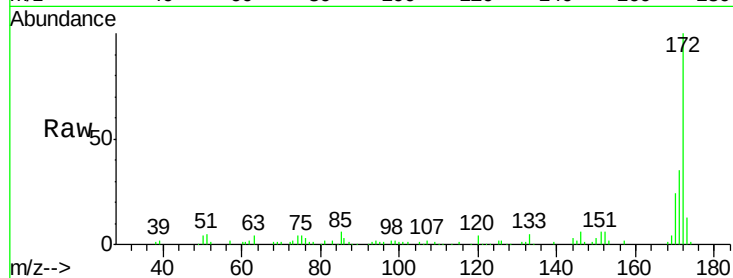




#44
2-Fluorobiphenyl
Concen: 18.56 ng
RT: 13.75 min Scan# 1086
Delta R.T. -0.02 min
Lab File: BF081627.D
Acq: 15 Sep 2015 13:35

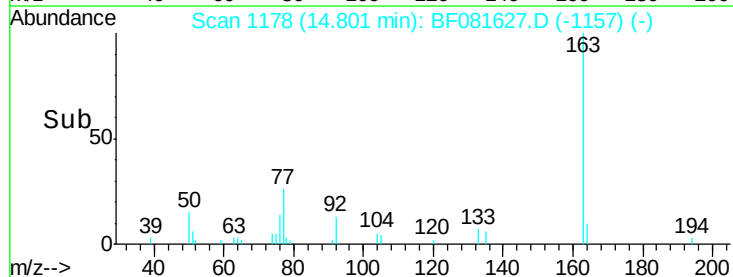
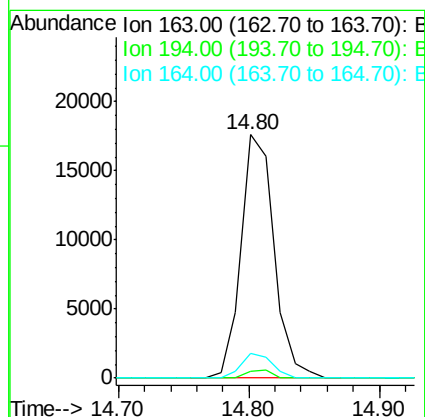
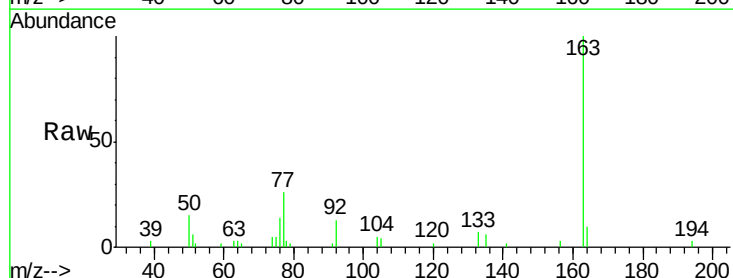
Instrument :
BNA_F
ClientSampleId :
GP-4(0-5)RE

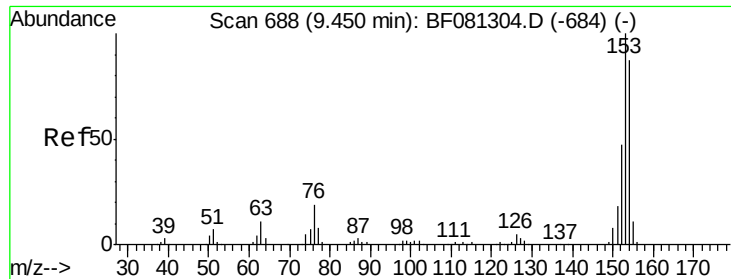
Tgt Ion:172 Resp: 158073
Ion Ratio Lower Upper
172 100
171 34.9 26.1 39.1
170 23.7 17.4 26.2



#49
Dimethylphthalate
Concen: 3.64 ng
RT: 14.80 min Scan# 1178
Delta R.T. -0.06 min
Lab File: BF081627.D
Acq: 15 Sep 2015 13:35

Tgt Ion:163 Resp: 30884
Ion Ratio Lower Upper
163 100
194 2.8 4.4 6.6#
164 9.9 8.3 12.5





#51

Acenaphthene

Concen: 6.71 ng

RT: 15.32 min Scan# 1223

Delta R.T. -0.02 min

Lab File: BF081627.D

Acq: 15 Sep 2015 13:35

Instrument :

BNA_F

ClientSampleId :

GP-4(0-5)RE

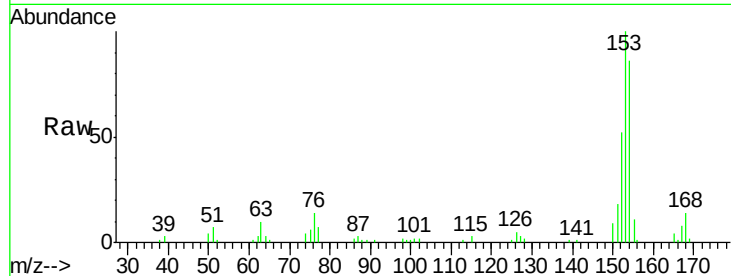
Tgt Ion:154 Resp: 49091

Ion Ratio Lower Upper

154 100

153 116.7 82.1 123.1

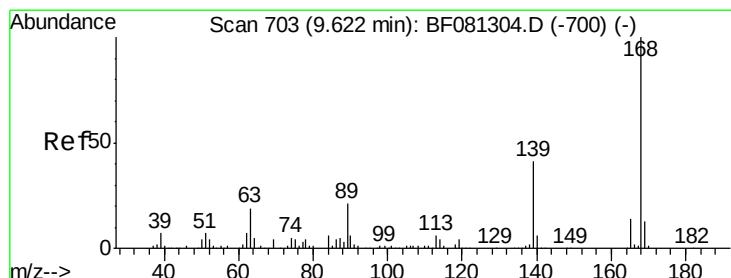
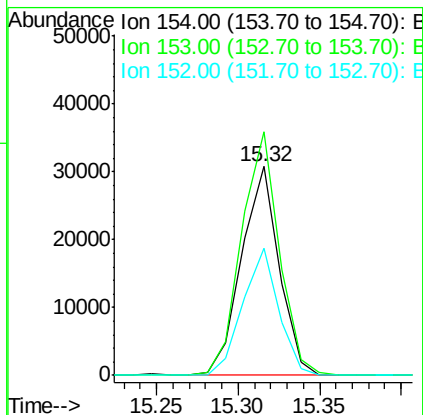
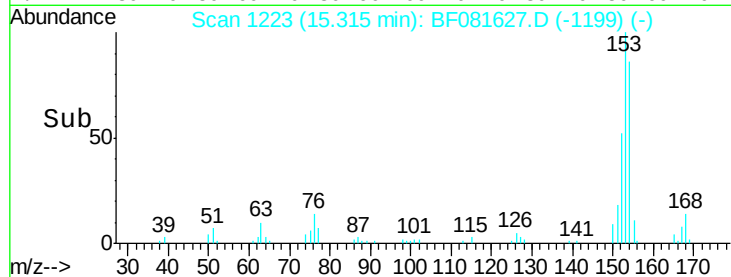
152 60.7 37.9 56.9#



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

Dibenzofuran

Concen: 6.92 ng

RT: 15.74 min Scan# 1260

Delta R.T. -0.02 min

Lab File: BF081627.D

Acq: 15 Sep 2015 13:35

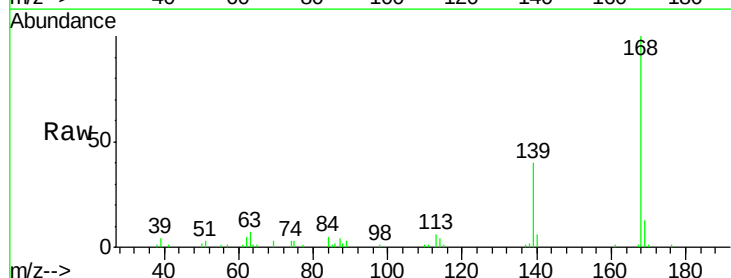
Tgt Ion:168 Resp: 73979

Ion Ratio Lower Upper

168 100

139 39.8 24.2 36.2#

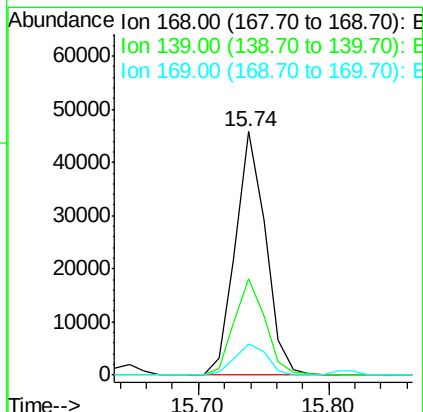
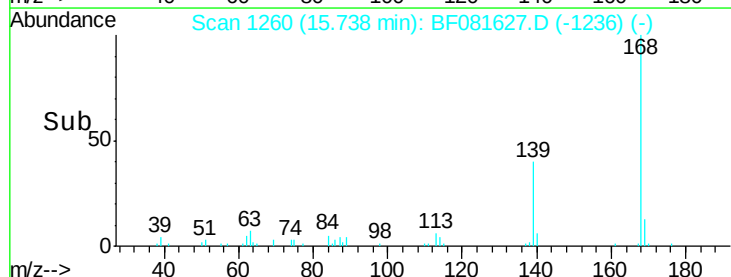
169 12.8 10.6 15.8

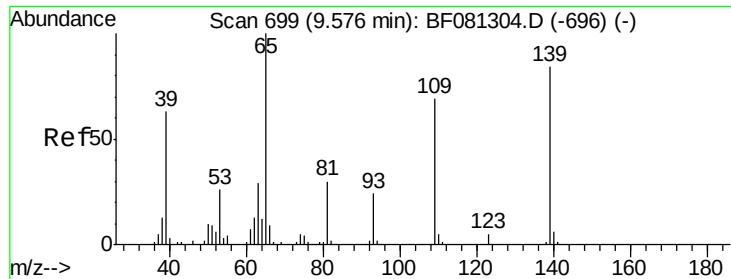


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

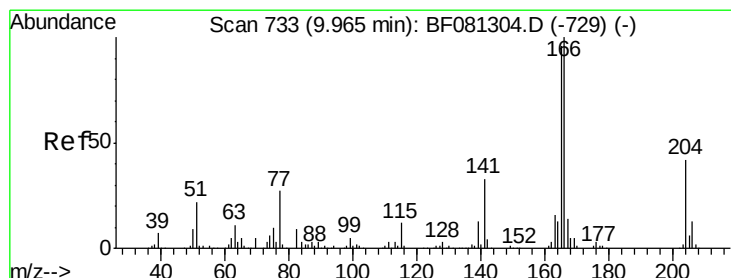
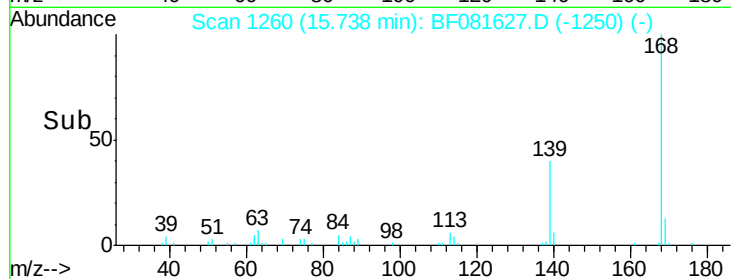
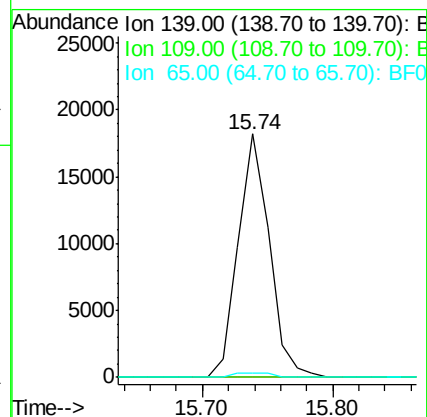
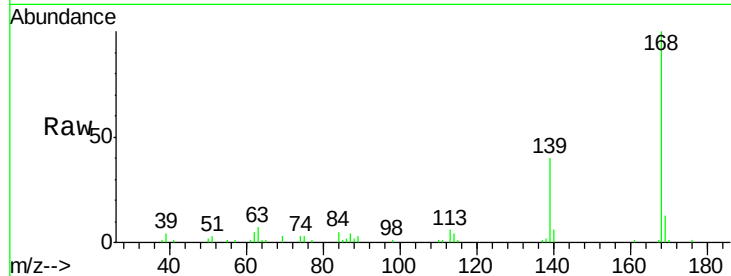




#55
4-Nitrophenol
Concen: 21.85 ng
RT: 15.74 min Scan# 1260
Delta R.T. -0.18 min
Lab File: BF081627.D
Acq: 15 Sep 2015 13:35

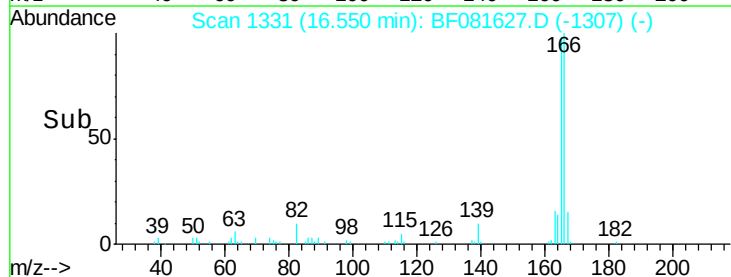
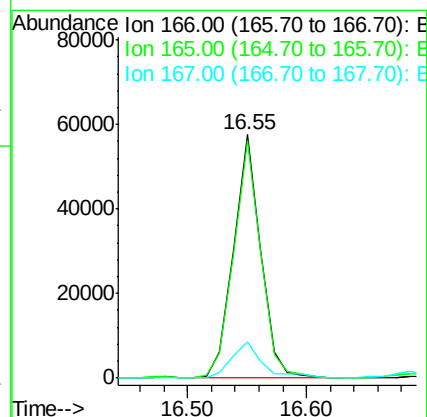
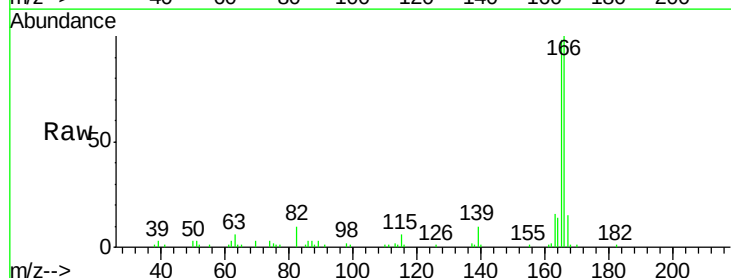
Instrument :
BNA_F
ClientSampleId :
GP-4(0-5)RE

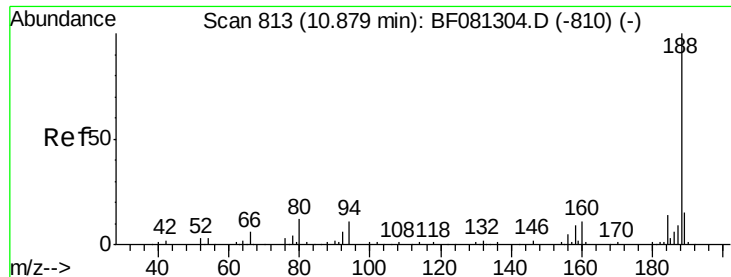
Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	12.7	52.7#
65	2.0	45.9	85.9#



#57
Fluorene
Concen: 11.33 ng
RT: 16.55 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF081627.D
Acq: 15 Sep 2015 13:35

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.6	72.6	109.0
167	14.8	10.6	16.0

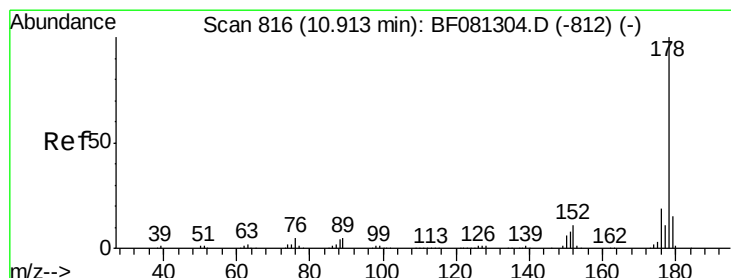
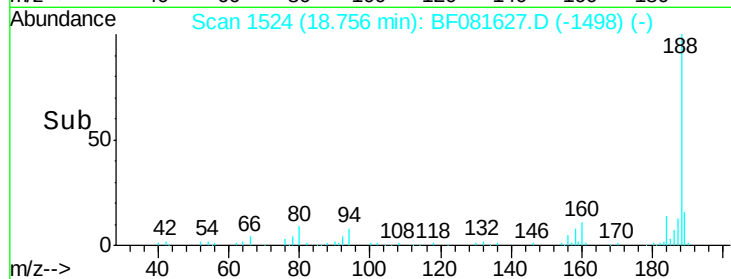
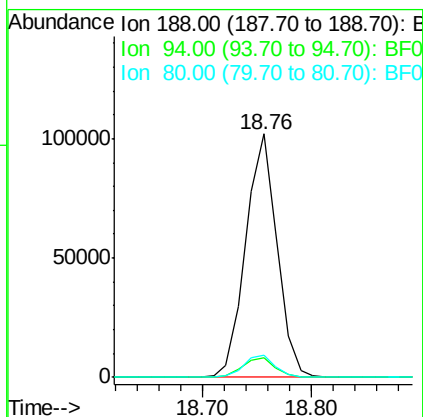
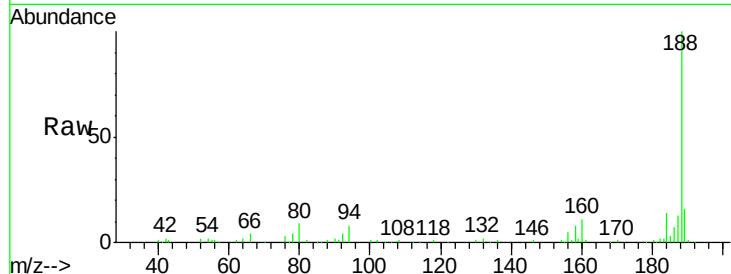




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 18.76 min Scan# 1524
 Delta R.T. 0.00 min
 Lab File: BF081627.D
 Acq: 15 Sep 2015 13:35

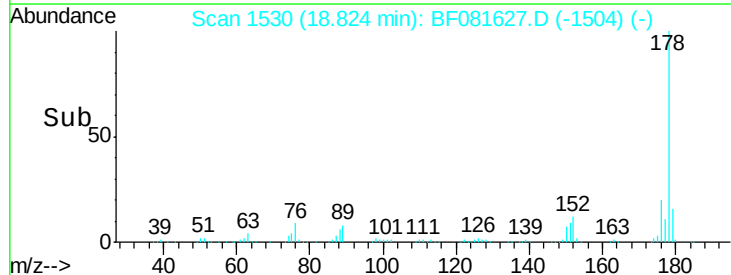
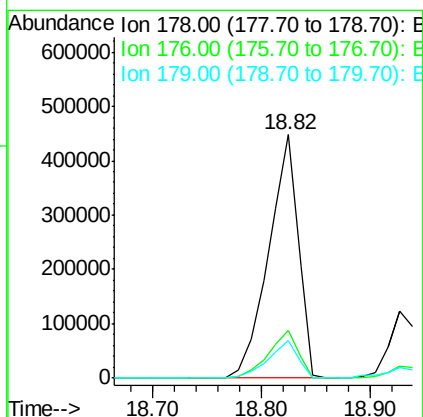
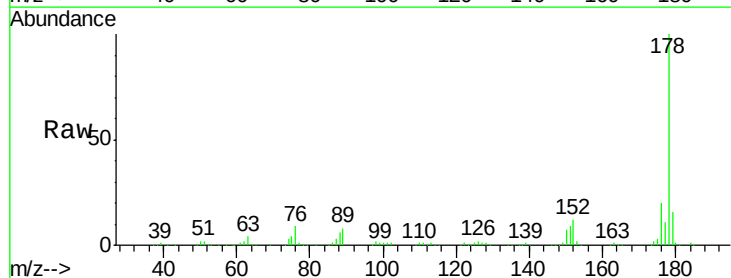
Instrument :
 BNA_F
 ClientSampleId :
 GP-4(0-5)RE

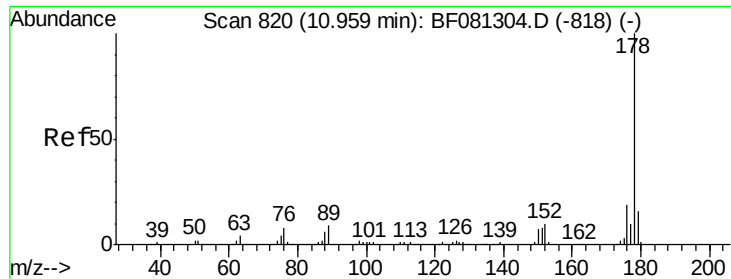
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	11.1	16.7#
80	9.2	11.0	16.4#



#70
 Phenanthrene
 Concen: 74.93 ng
 RT: 18.82 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: BF081627.D
 Acq: 15 Sep 2015 13:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	13.8	20.8
179	15.5	12.2	18.2

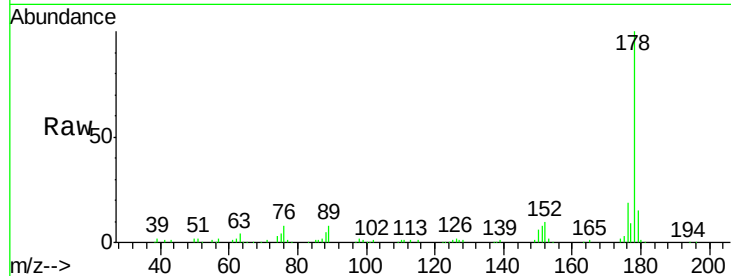




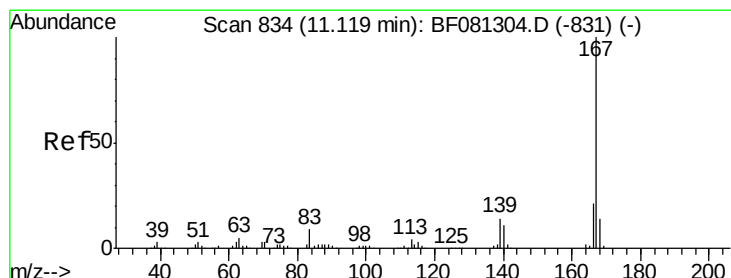
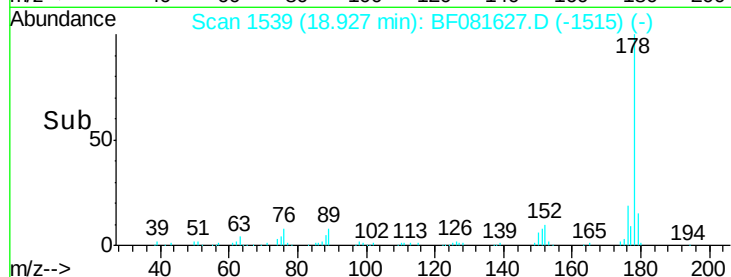
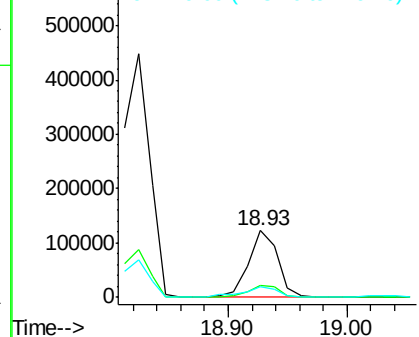
#71
 Anthracene
 Concen: 18.30 ng
 RT: 18.93 min Scan# 1539
 Delta R.T. -0.02 min
 Lab File: BF081627.D
 Acq: 15 Sep 2015 13:35

Instrument :
 BNA_F
 ClientSampleId :
 GP-4(0-5)RE

Tgt Ion:178 Resp: 213331
 Ion Ratio Lower Upper
 178 100
 176 18.5 14.1 21.1
 179 15.2 12.2 18.2

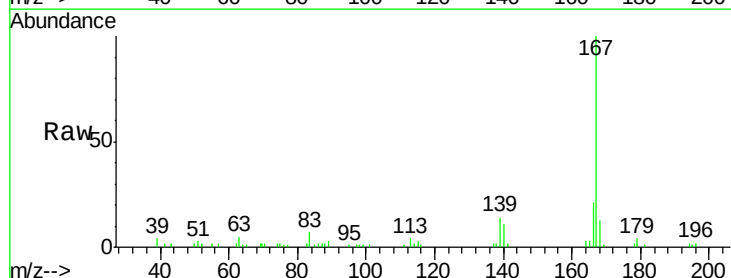


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

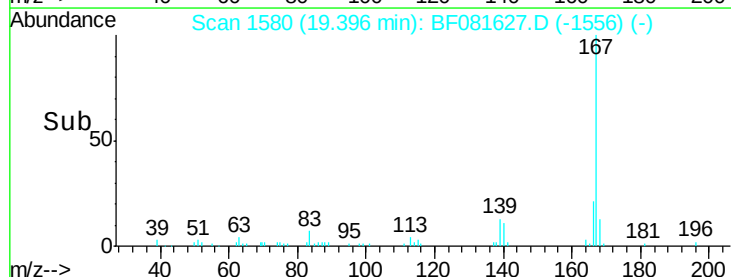
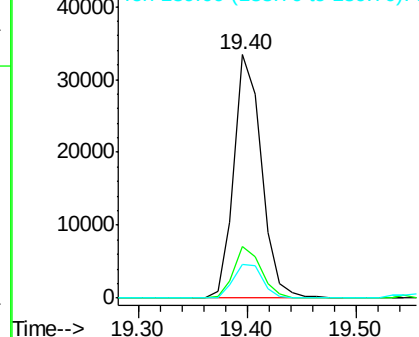


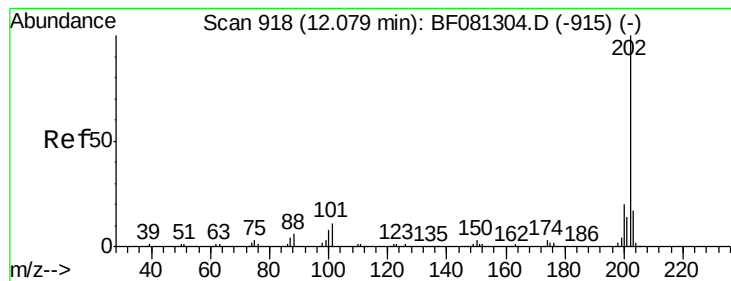
#72
 Carbazole
 Concen: 5.34 ng
 RT: 19.40 min Scan# 1580
 Delta R.T. -0.02 min
 Lab File: BF081627.D
 Acq: 15 Sep 2015 13:35

Tgt Ion:167 Resp: 58438
 Ion Ratio Lower Upper
 167 100
 166 21.0 15.7 23.5
 139 13.9 9.5 14.3



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: 53.28 ng

RT: 21.44 min Scan# 1759

Delta R.T. 0.01 min

Lab File: BF081627.D

Acq: 15 Sep 2015 13:35

Instrument :

BNA_F

ClientSampleId :

GP-4(0-5)RE

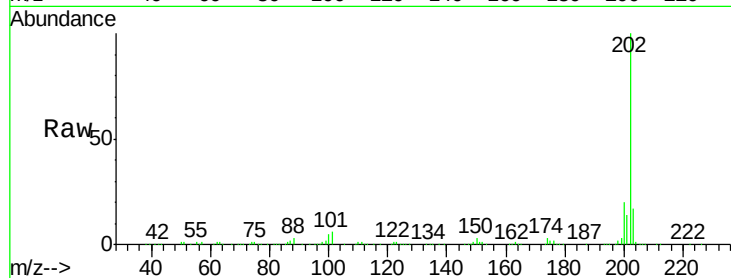
Tgt Ion: 202 Resp: 654556

Ion Ratio Lower Upper

202 100

101 6.1 0.0 38.3

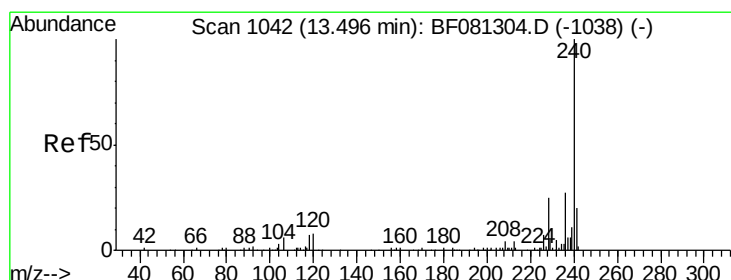
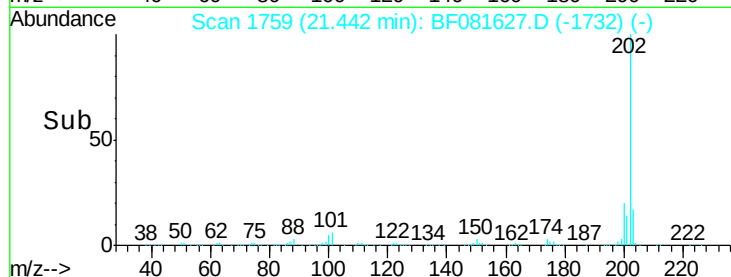
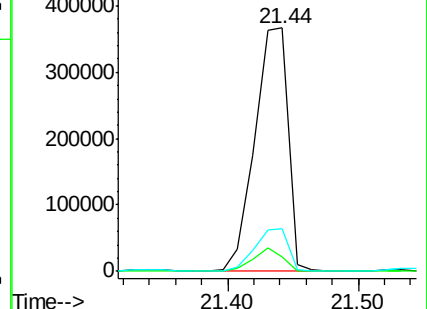
203 17.4 0.0 37.3



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: 23.38 min Scan# 1929

Delta R.T. 0.00 min

Lab File: BF081627.D

Acq: 15 Sep 2015 13:35

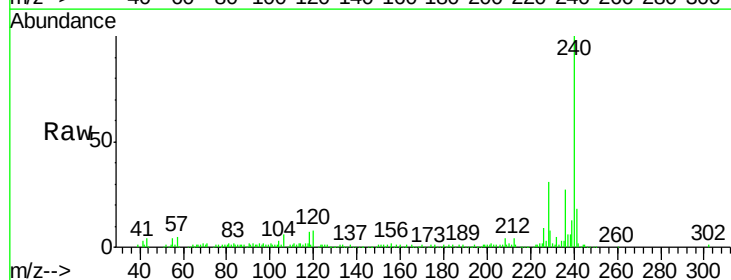
Tgt Ion: 240 Resp: 132637

Ion Ratio Lower Upper

240 100

120 7.6 16.2 24.2#

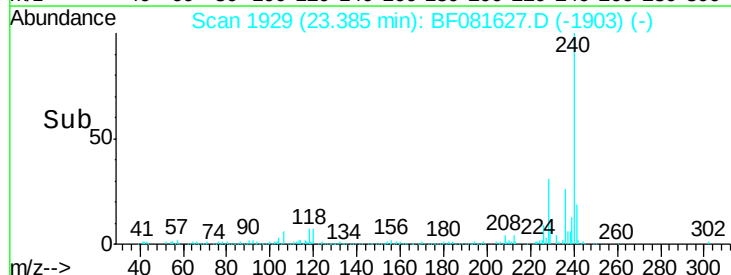
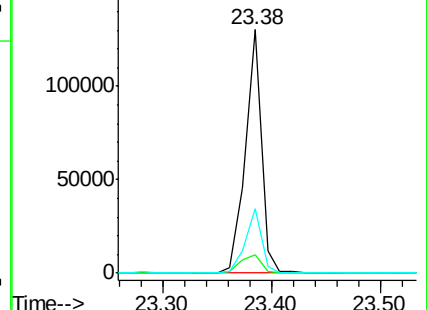
236 26.6 18.4 27.6

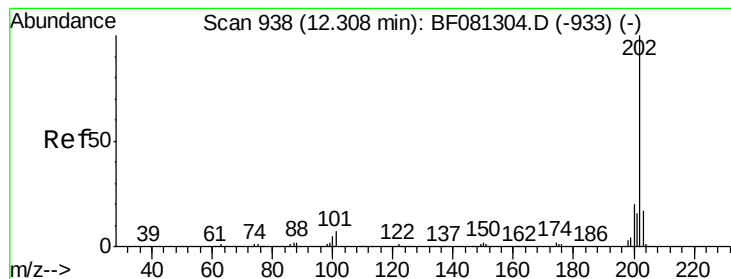


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 59.18 ng

RT: 21.78 min Scan# 1789

Delta R.T. 0.00 min

Lab File: BF081627.D

Acq: 15 Sep 2015 13:35

Instrument :

BNA_F

ClientSampleId :

GP-4(0-5)RE

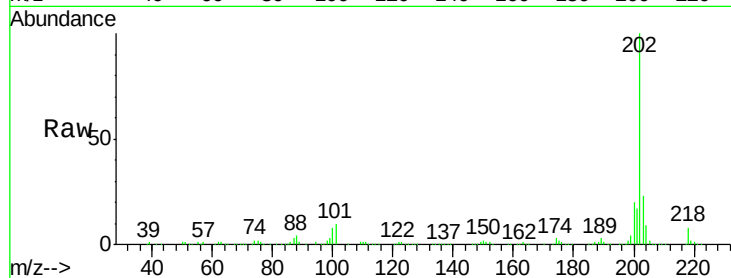
Tgt Ion:202 Resp: 581401

Ion Ratio Lower Upper

202 100

200 19.7 15.0 22.4

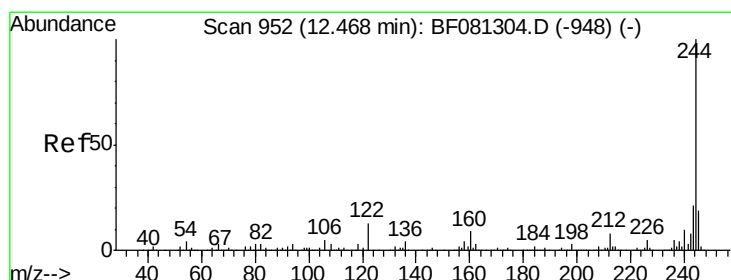
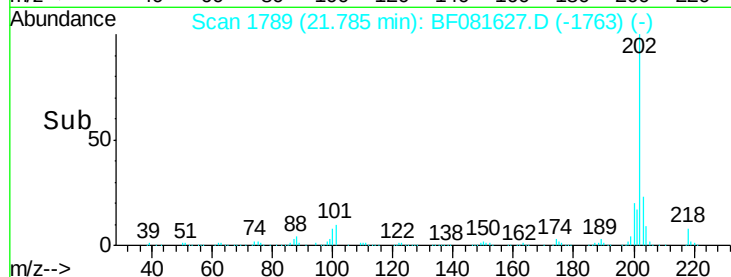
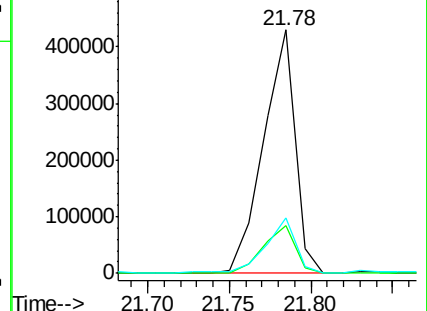
203 22.5 14.1 21.1#



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: 21.35 ng

RT: 22.10 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF081627.D

Acq: 15 Sep 2015 13:35

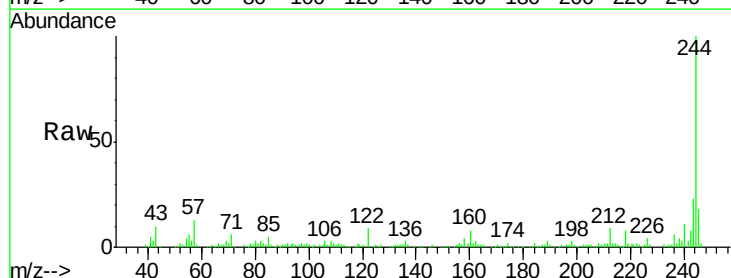
Tgt Ion:244 Resp: 121671

Ion Ratio Lower Upper

244 100

212 8.6 4.3 6.5#

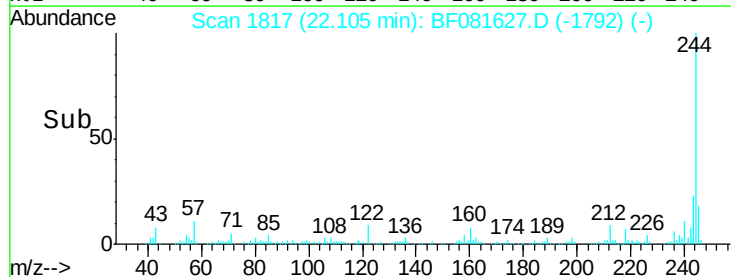
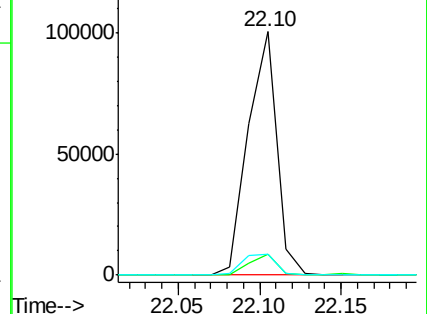
122 8.6 17.4 26.2#

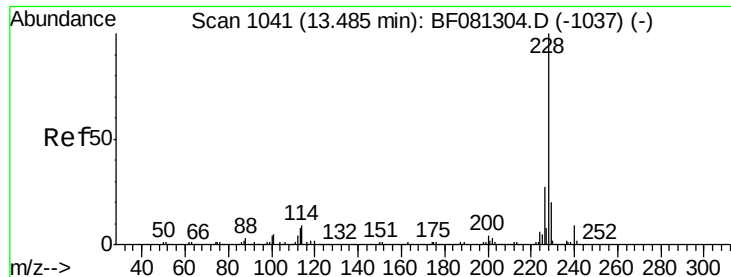


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 27.64 ng

RT: 23.37 min Scan# 1928

Delta R.T. 0.00 min

Lab File: BF081627.D

Acq: 15 Sep 2015 13:35

Instrument :

BNA_F

ClientSampleId :

GP-4(0-5)RE

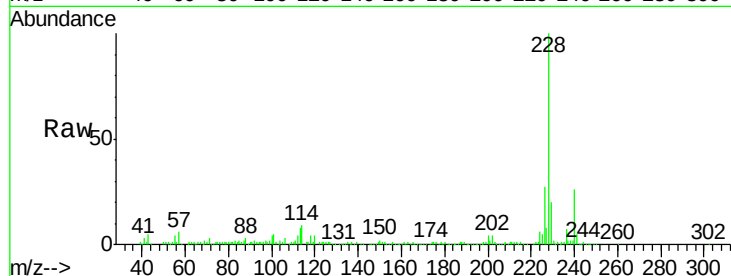
Tgt Ion:228 Resp: 233447

Ion Ratio Lower Upper

228 100

226 27.2 20.0 30.0

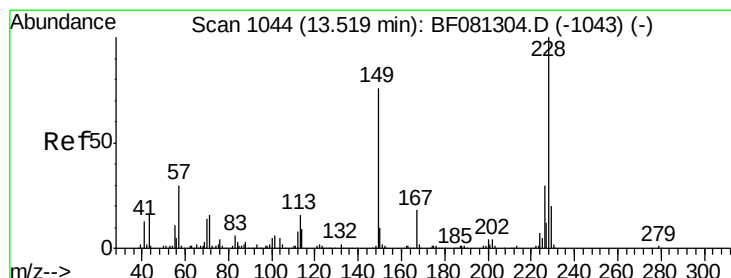
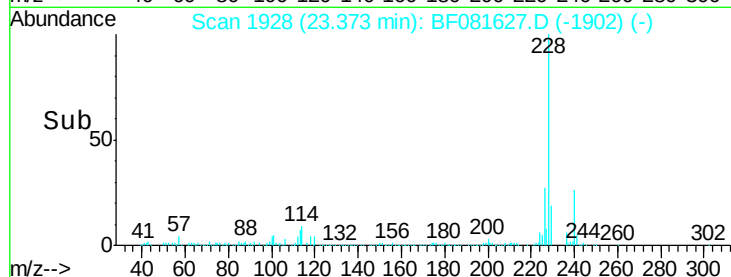
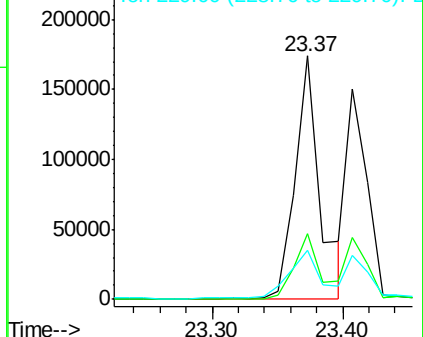
229 20.1 15.4 23.2



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: 21.57 ng

RT: 23.41 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BF081627.D

Acq: 15 Sep 2015 13:35

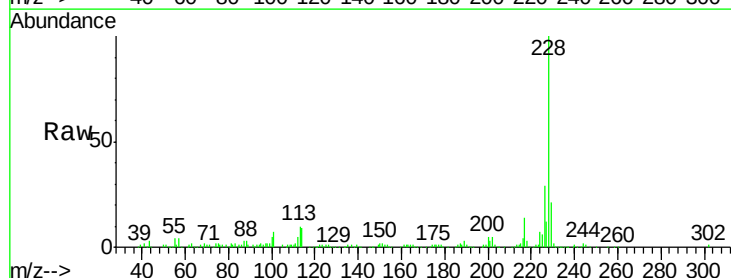
Tgt Ion:228 Resp: 163291

Ion Ratio Lower Upper

228 100

226 29.4 21.0 31.4

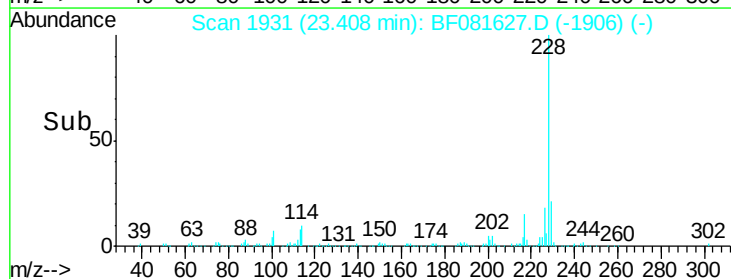
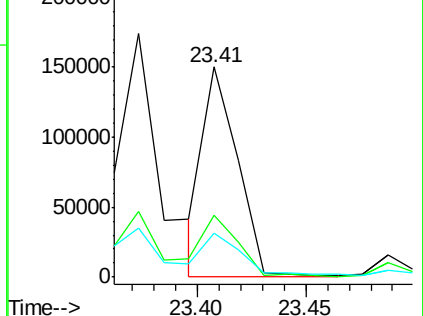
229 21.2 15.6 23.4

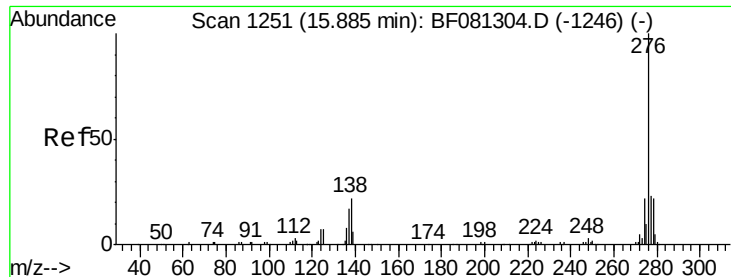


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

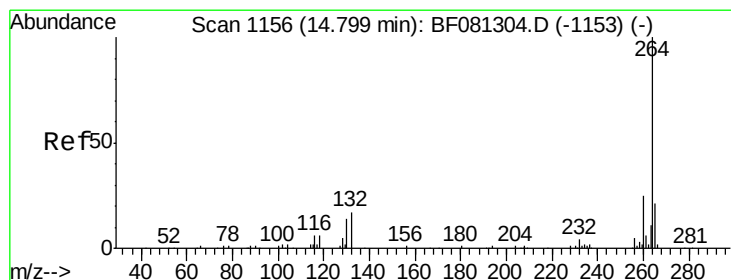
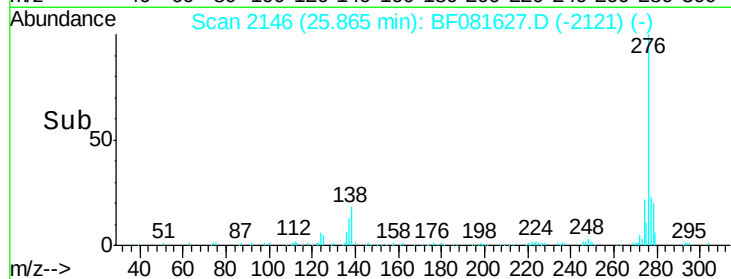
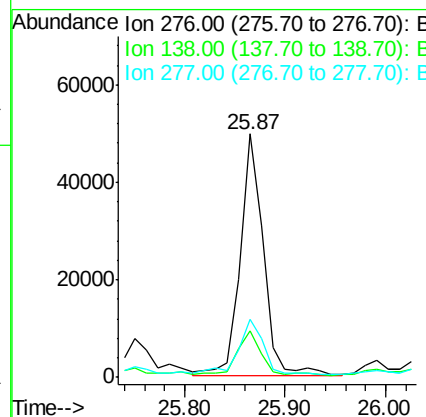
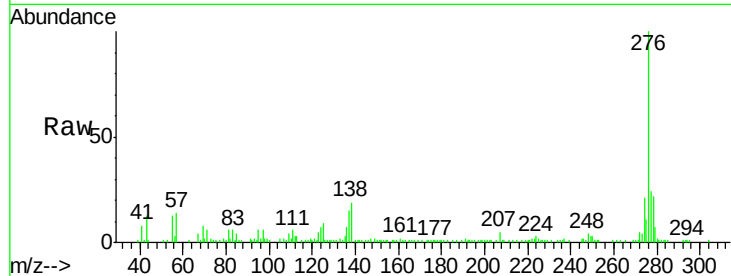




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 14.24 ng
 RT: 25.87 min Scan# 2146
 Delta R.T. -0.01 min
 Lab File: BF081627.D
 Acq: 15 Sep 2015 13:35

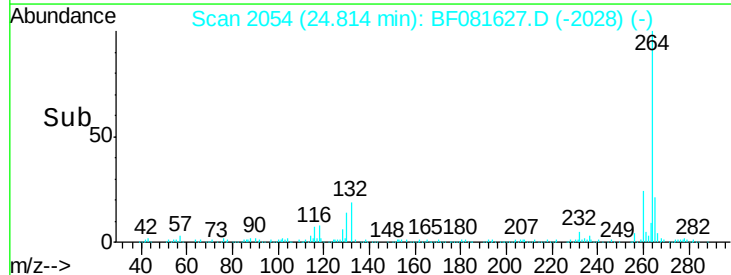
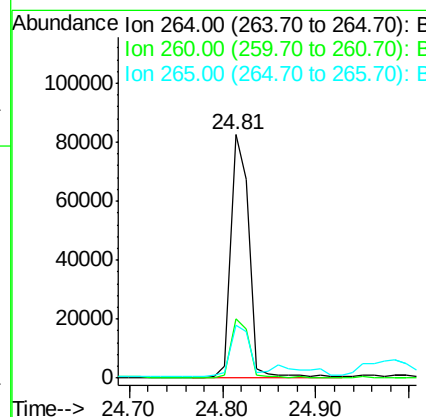
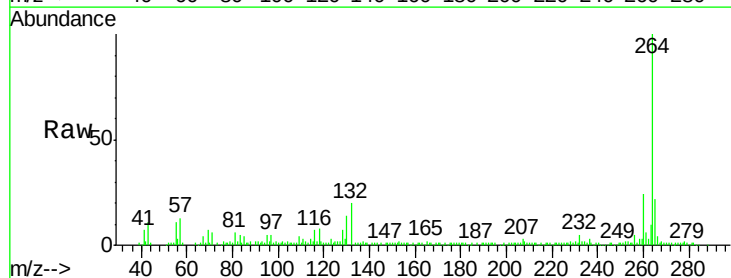
Instrument :
 BNA_F
 ClientSampleId :
 GP-4(0-5)RE

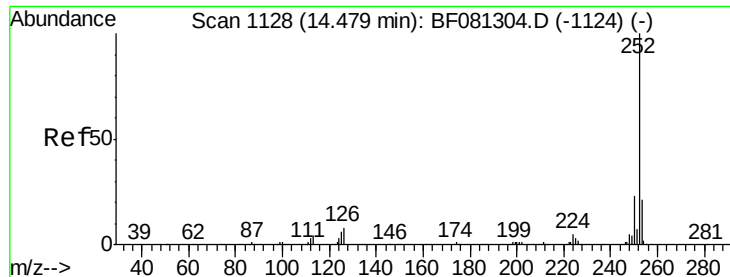
Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.9	25.7	38.5#
277	26.3	15.6	23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.81 min Scan# 2054
 Delta R.T. 0.00 min
 Lab File: BF081627.D
 Acq: 15 Sep 2015 13:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	16.7	25.1
265	21.9	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 29.36 ng

RT: 24.48 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF081627.D

Acq: 15 Sep 2015 13:35

Instrument :

BNA_F

ClientSampleId :

GP-4(0-5)RE

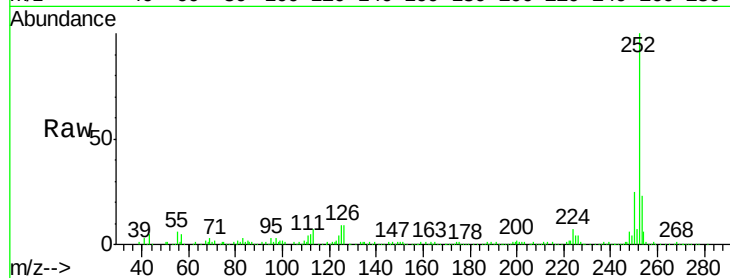
Tgt Ion:252 Resp: 237064

Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

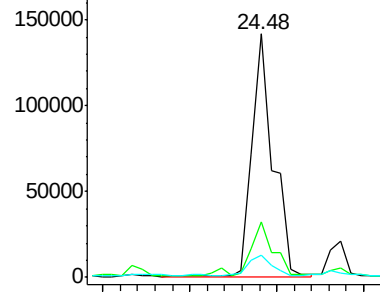
125 9.4 17.1 25.7#



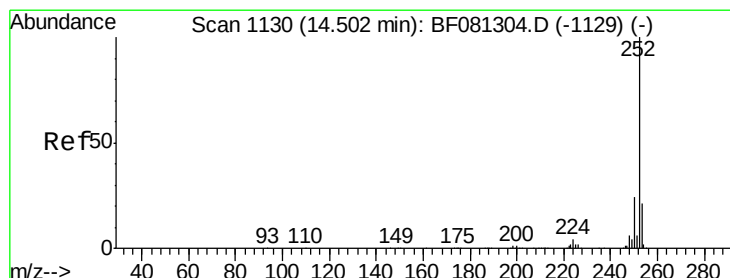
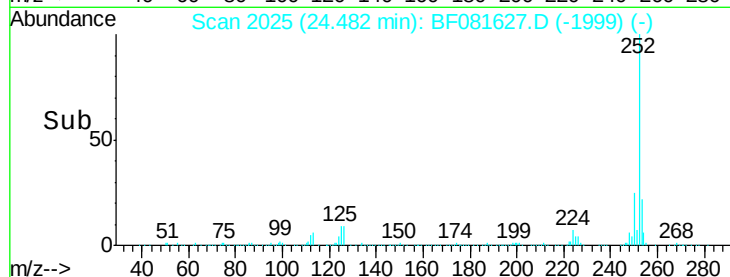
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time--> 24.30 24.40 24.50



#88

Benzo(k)fluoranthene

Concen: 35.39 ng

RT: 24.48 min Scan# 2025

Delta R.T. -0.02 min

Lab File: BF081627.D

Acq: 15 Sep 2015 13:35

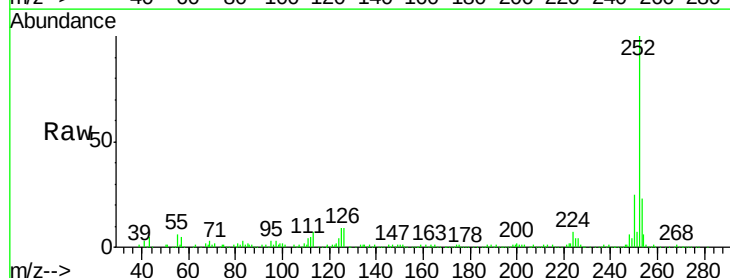
Tgt Ion:252 Resp: 237064

Ion Ratio Lower Upper

252 100

253 22.6 17.0 25.4

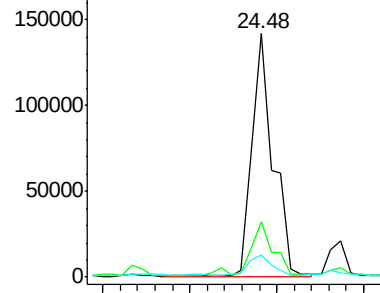
125 9.4 16.0 24.0#



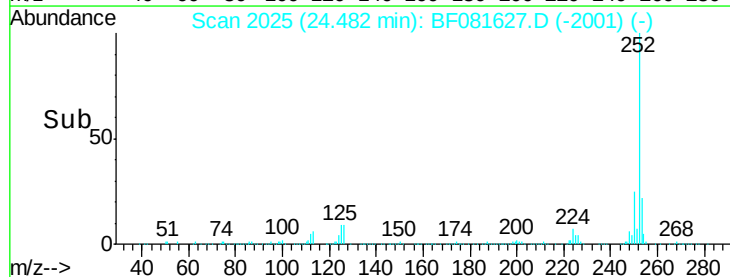
Abundance Ion 252.00 (251.70 to 252.70): E

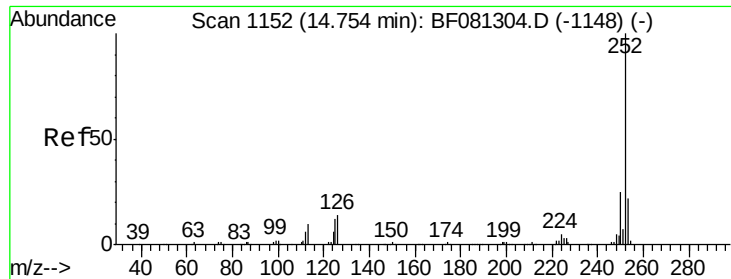
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time--> 24.30 24.40 24.50





#89

Benzo(a)pyrene

Concen: 20.51 ng

RT: 24.77 min Scan# 2050

Delta R.T. 0.00 min

Lab File: BF081627.D

Acq: 15 Sep 2015 13:35

Instrument :

BNA_F

ClientSampleId :

GP-4(0-5)RE

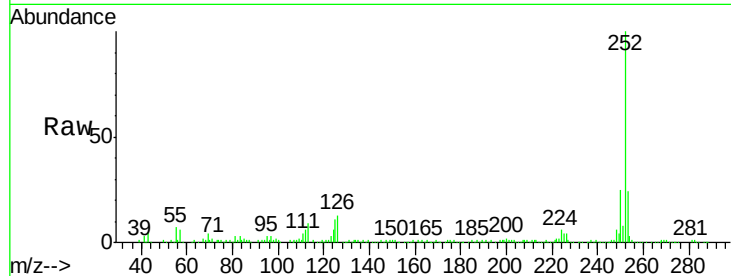
Tgt Ion:252 Resp: 140351

Ion Ratio Lower Upper

252 100

253 23.6 17.2 25.8

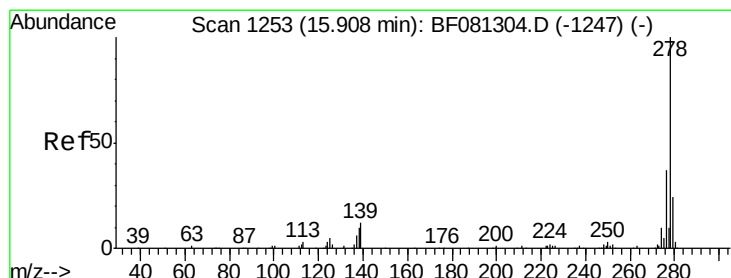
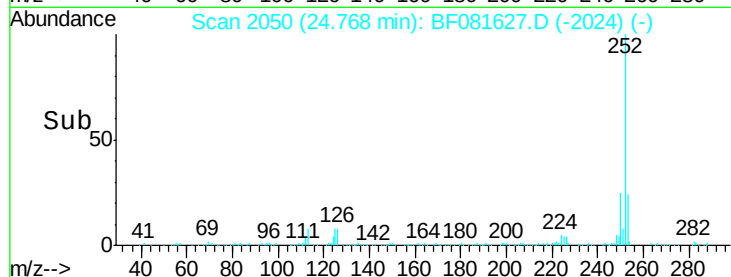
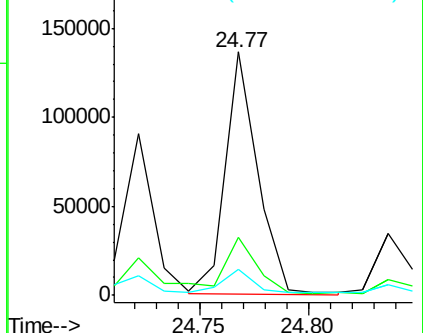
125 10.8 18.0 27.0#



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: 5.07 ng

RT: 25.88 min Scan# 2147

Delta R.T. -0.01 min

Lab File: BF081627.D

Acq: 15 Sep 2015 13:35

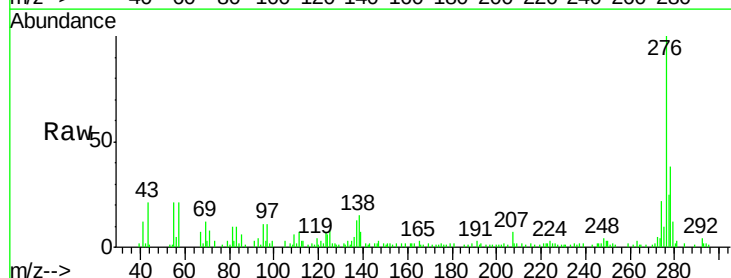
Tgt Ion:278 Resp: 26804

Ion Ratio Lower Upper

278 100

139 18.0 26.3 39.5#

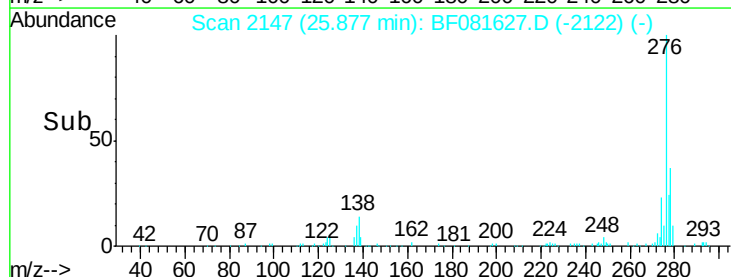
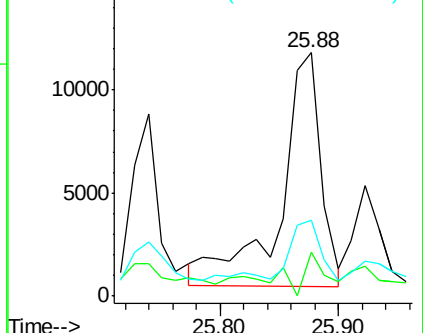
279 31.3 18.2 27.4#

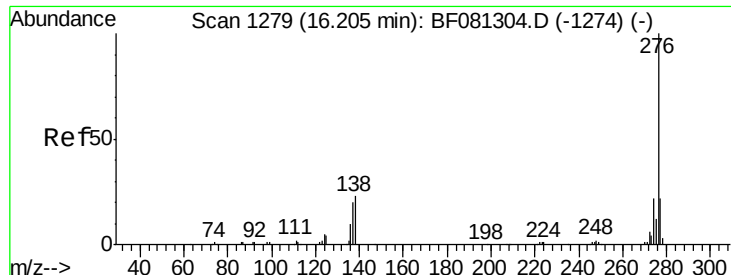


Abundance Ion 278.00 (277.70 to 278.70): E

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: 14.03 ng
 RT: 26.17 min Scan# 2173
 Delta R.T. 0.00 min
 Lab File: BF081627.D
 Acq: 15 Sep 2015 13:35

Instrument :
 BNA_F
 ClientSampleId :
 GP-4(0-5)RE

Tgt Ion: 276 Resp: 70806
 Ion Ratio Lower Upper
 276 100
 277 24.3 17.8 26.6
 138 16.7 34.6 51.8#

