

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091515\
 Data File : BF081630.D
 Acq On : 15 Sep 2015 15:25
 Operator : UM/IZ
 Sample : G3597-11RE 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP-11(0-5)

Quant Time: Sep 15 16:01:33 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

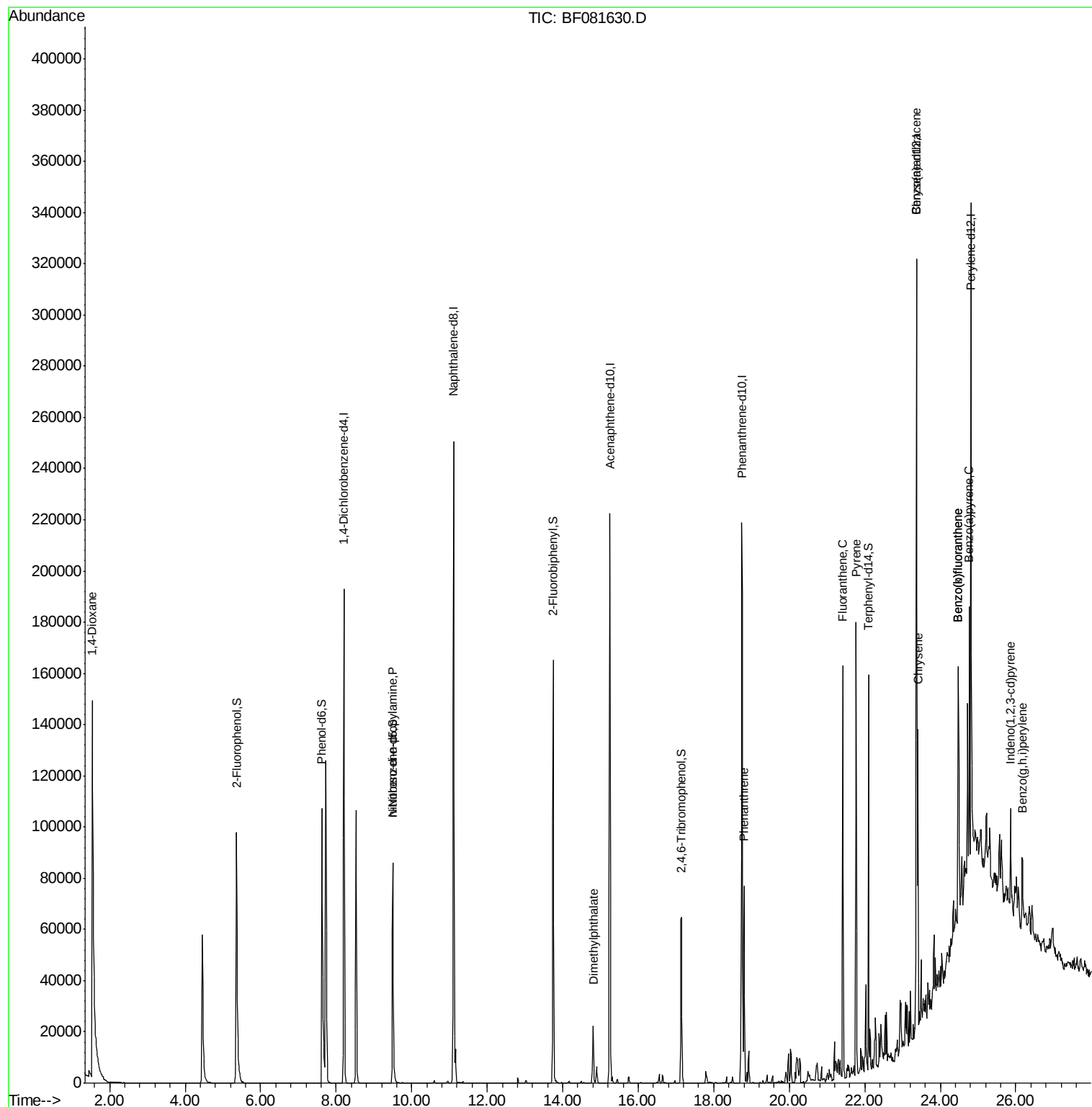
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	46990	20.00	ng	-0.01
21) Naphthalene-d8	11.11	136	184908	20.00	ng	-0.01
38) Acenaphthene-d10	15.25	164	84743	20.00	ng	-0.01
63) Phenanthrene-d10	18.74	188	159547	20.00	ng	-0.01
75) Chrysene-d12	23.37	240	102546	20.00	ng	-0.01
86) Perylene-d12	24.81	264	91960	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	56987	18.82	ng	0.01
7) Phenol-d6	7.62	99	80174	20.00	ng	-0.02
23) Nitrobenzene-d5	9.50	82	51854	13.53	ng	-0.03
41) 2,4,6-Tribromophenol	17.14	330	13670	18.12	ng	-0.02
44) 2-Fluorobiphenyl	13.75	172	89898	13.59	ng	-0.02
78) Terphenyl-d14	22.10	244	64331	14.60	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	1.54	88	7868	5.78	ng	# 11
19) n-Nitroso-di-n-propylamine	9.50	70	6847	2.51	ng	# 63
49) Dimethylphthalate	14.81	163	18583	2.82	ng	# 97
70) Phenanthrene	18.80	178	53531	6.04	ng	97
74) Fluoranthene	21.42	202	96411	10.04	ng	88
77) Pyrene	21.77	202	98673	12.99	ng	98
80) Benzo(a)anthracene	23.37	228	47597	7.29	ng	98
82) Chrysene	23.41	228	43732	7.47	ng	92
85) Indeno(1,2,3-cd)pyrene	25.86	276	21571	5.02	ng	# 79
87) Benzo(b)fluoranthene	24.47	252	67171	10.23	ng	# 88
88) Benzo(k)fluoranthene	24.47	252	67171	12.33	ng	# 88
89) Benzo(a)pyrene	24.77	252	38923	7.00	ng	# 85
91) Benzo(g,h,i)perylene	26.16	276	20599	5.02	ng	# 80

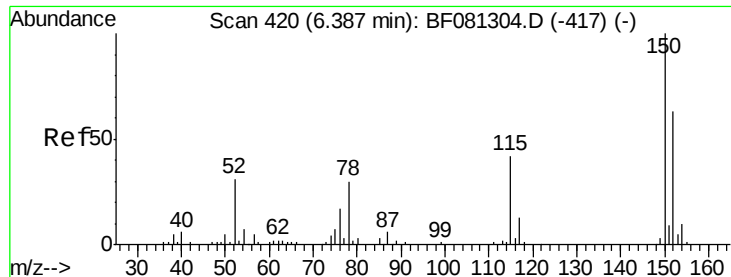
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.21 min Scan# 601

Delta R.T. -0.01 min

Lab File: BF081630.D

Acq: 15 Sep 2015 15:25

Instrument :

BNA_F

ClientSampleId :

GP-11(0-5)

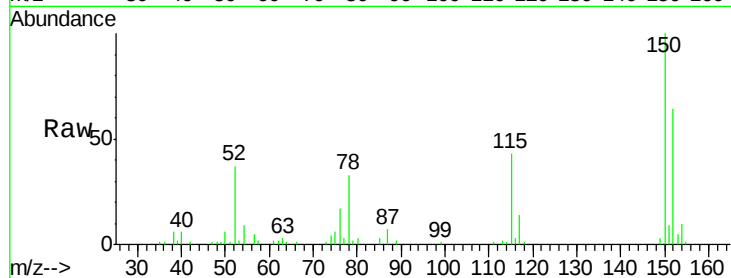
Tgt Ion:152 Resp: 46990

Ion Ratio Lower Upper

152 100

150 155.5 124.7 187.1

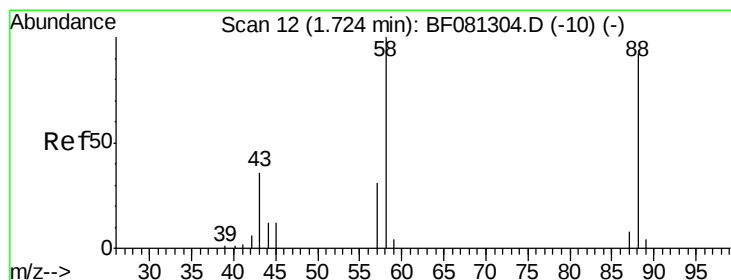
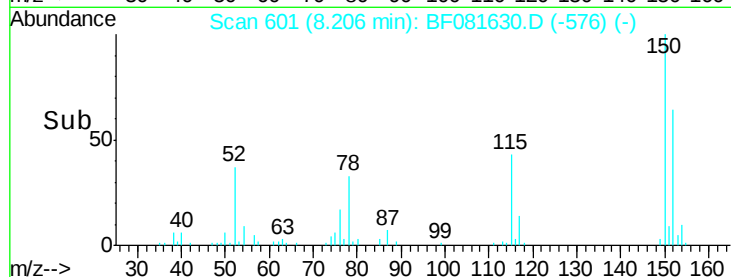
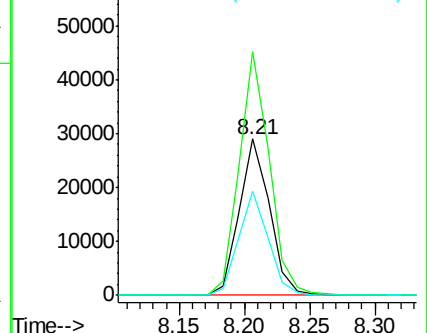
115 66.2 39.0 58.4#



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



#2

1,4-Dioxane

Concen: 5.78 ng

RT: 1.54 min Scan# 18

Delta R.T. -0.02 min

Lab File: BF081630.D

Acq: 15 Sep 2015 15:25

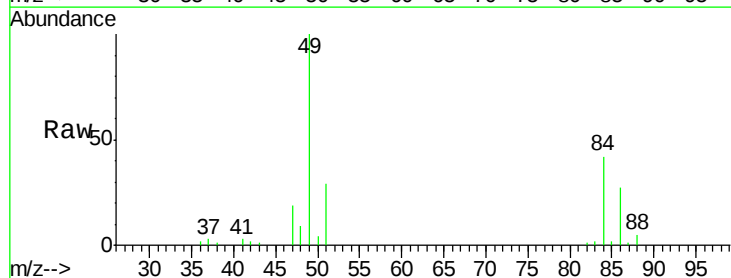
Tgt Ion: 88 Resp: 7868

Ion Ratio Lower Upper

88 100

58 0.0 77.7 116.5#

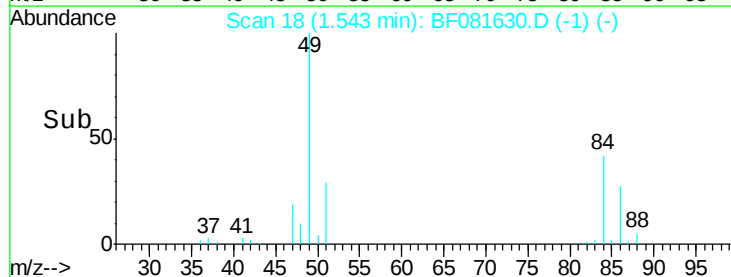
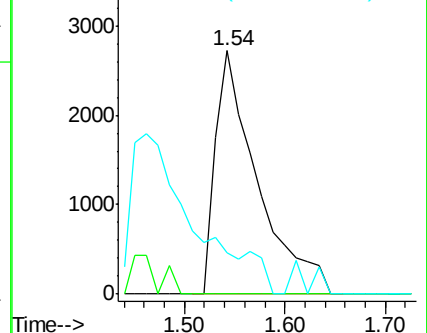
43 0.0 26.6 40.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 18.82 ng

RT: 5.36 min Scan# 352

Delta R.T. 0.01 min

Lab File: BF081630.D

Acq: 15 Sep 2015 15:25

Instrument :

BNA_F

ClientSampleId :

GP-11(0-5)

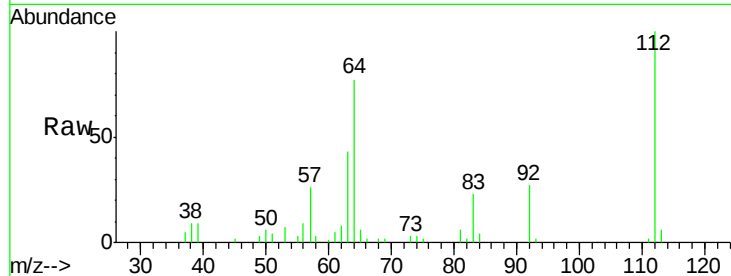
Tgt Ion: 112 Resp: 56987

Ion Ratio Lower Upper

112 100

64 76.6 39.7 59.5#

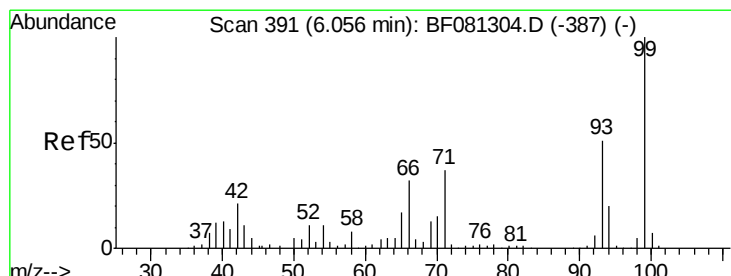
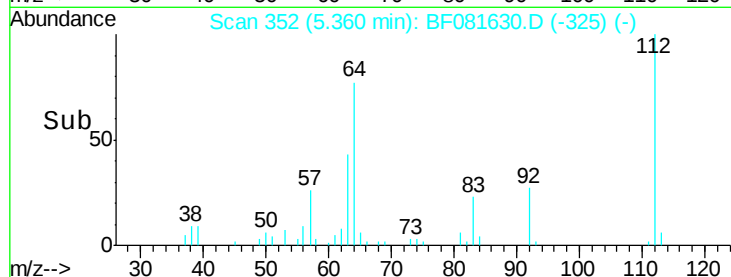
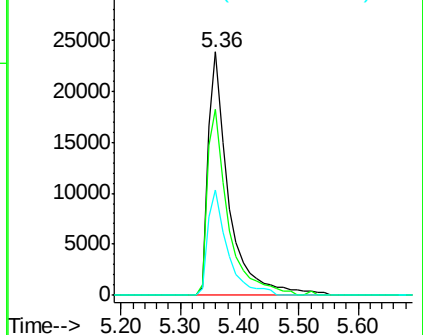
63 43.3 17.4 26.0#



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: 20.00 ng

RT: 7.62 min Scan# 550

Delta R.T. -0.02 min

Lab File: BF081630.D

Acq: 15 Sep 2015 15:25

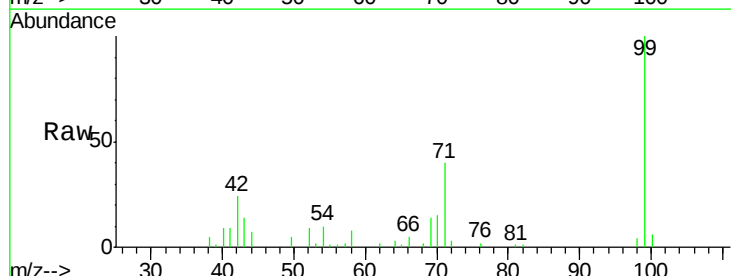
Tgt Ion: 99 Resp: 80174

Ion Ratio Lower Upper

99 100

42 24.1 13.7 20.5#

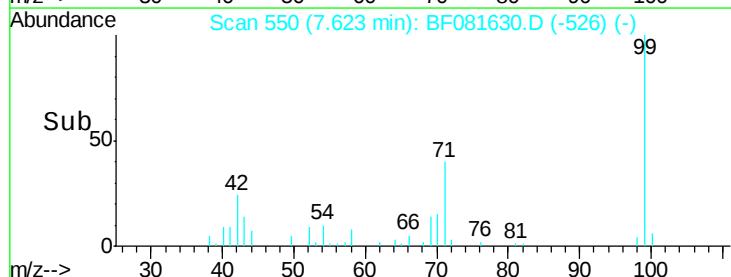
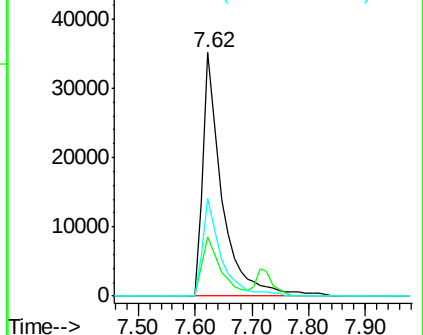
71 40.2 14.2 21.2#

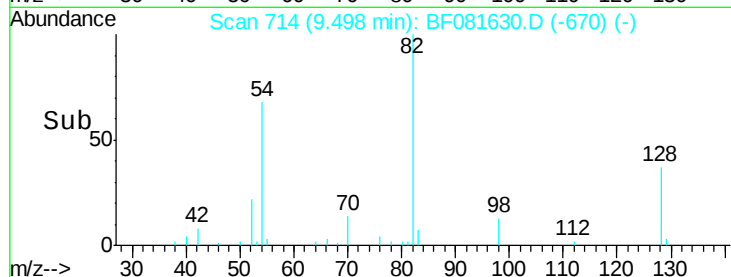
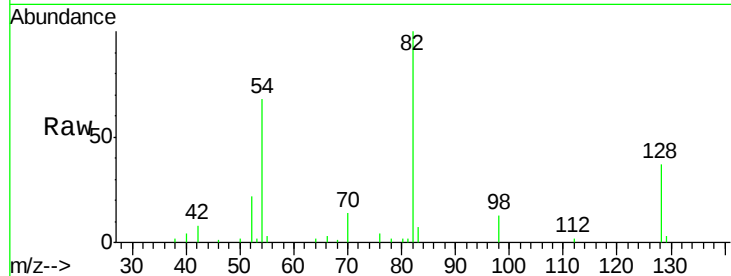
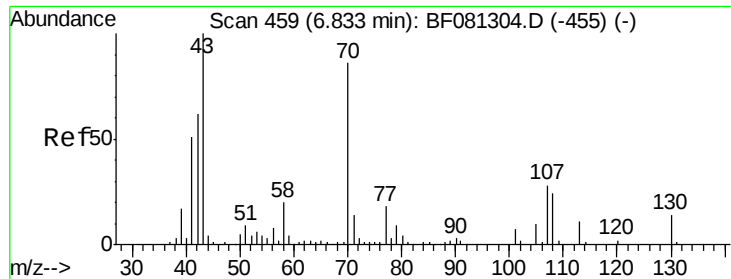


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

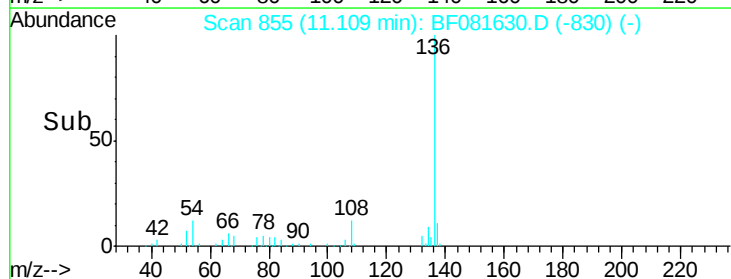
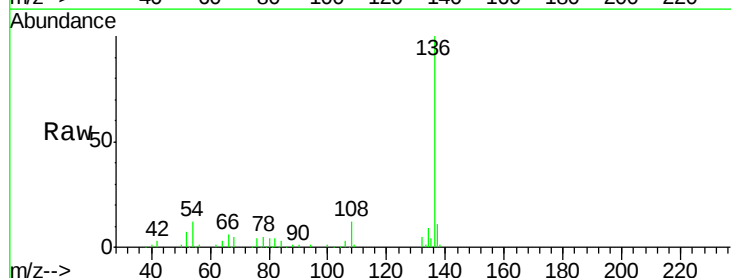
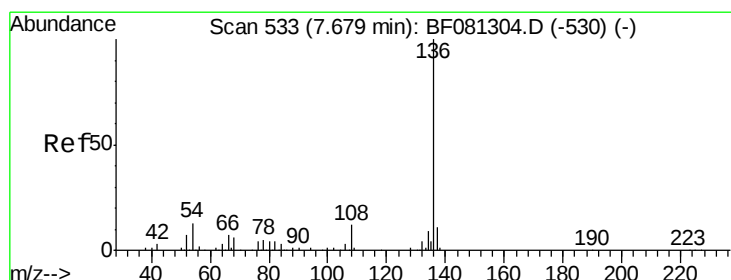
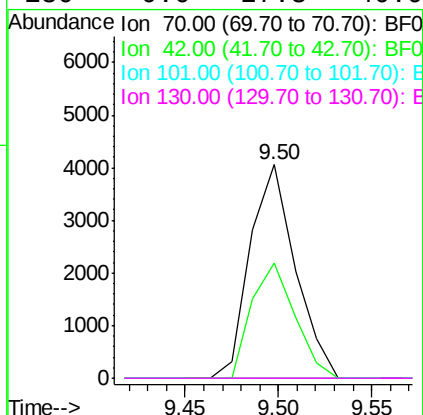




#19
n-Nitroso-di-n-propylamine
Concen: 2.51 ng
RT: 9.50 min Scan# 714
Delta R.T. 0.21 min
Lab File: BF081630.D
Acq: 15 Sep 2015 15:25

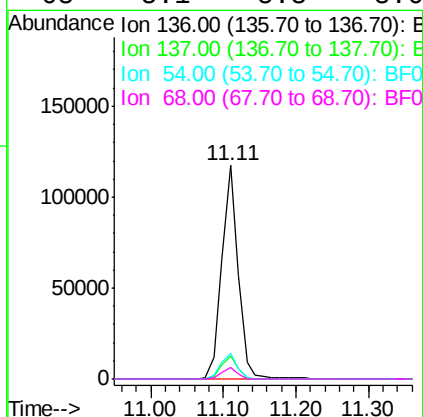
Instrument :
BNA_F
ClientSampleId :
GP-11(0-5)

Tgt Ion:	70	Resp:	6847
Ion	Ratio	Lower	Upper
70	100		
42	54.1	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: BF081630.D
Acq: 15 Sep 2015 15:25

Tgt Ion:	136	Resp:	184908
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.6
54	11.9	8.2	12.2
68	5.1	5.8	8.6#

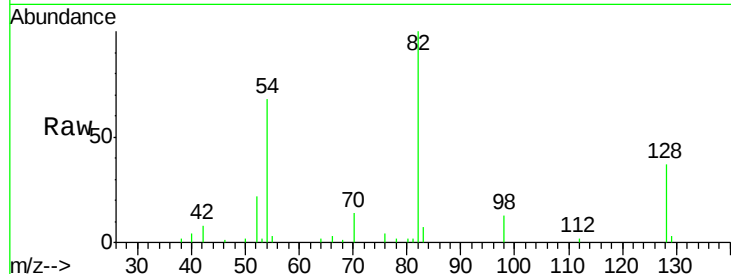




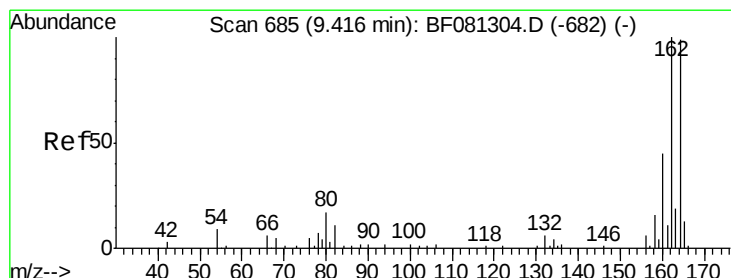
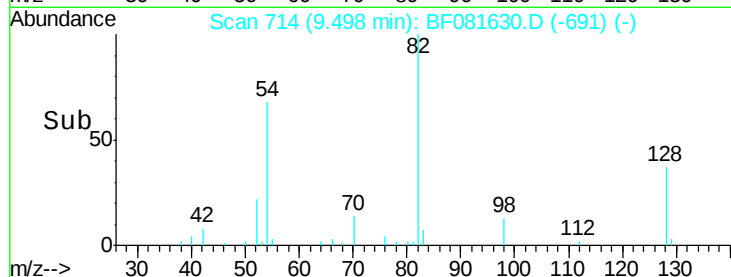
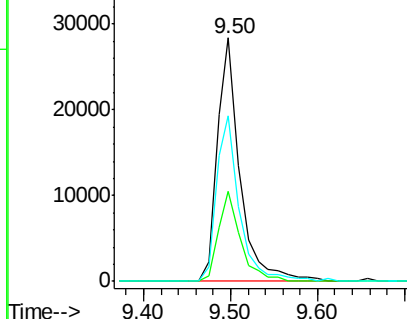
#23
 Nitrobenzene-d5
 Concen: 13.53 ng
 RT: 9.50 min Scan# 714
 Delta R.T. -0.03 min
 Lab File: BF081630.D
 Acq: 15 Sep 2015 15:25

Instrument :
 BNA_F
 ClientSampleId :
 GP-11(0-5)

Tgt Ion: 82 Resp: 51854
 Ion Ratio Lower Upper
 82 100
 128 37.2 51.0 76.6#
 54 67.8 47.5 71.3

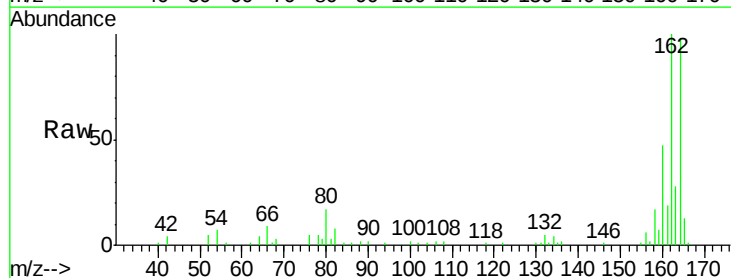


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

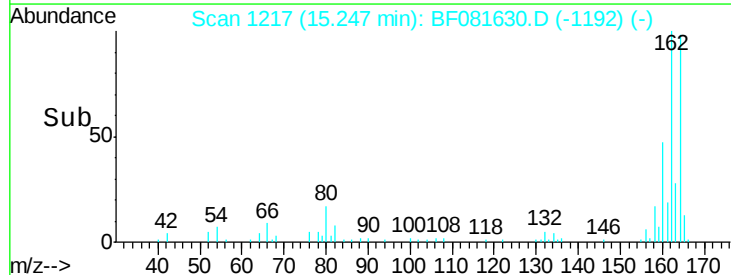
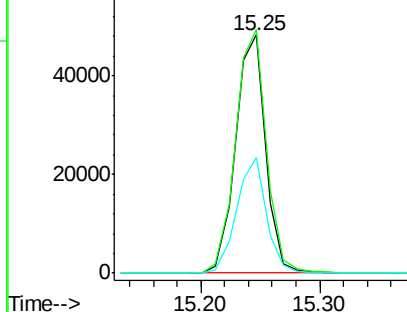


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF081630.D
 Acq: 15 Sep 2015 15:25

Tgt Ion: 164 Resp: 84743
 Ion Ratio Lower Upper
 164 100
 162 102.2 75.2 112.8
 160 48.5 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

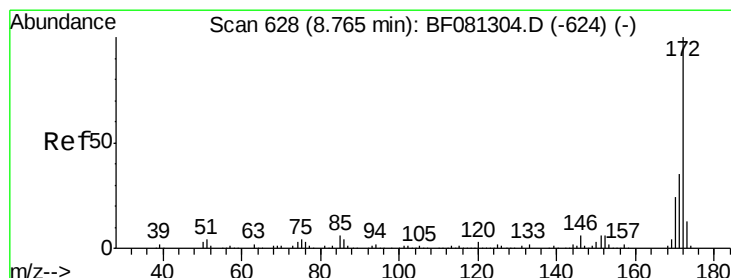
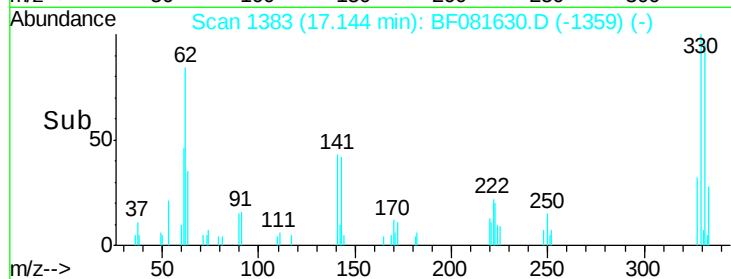
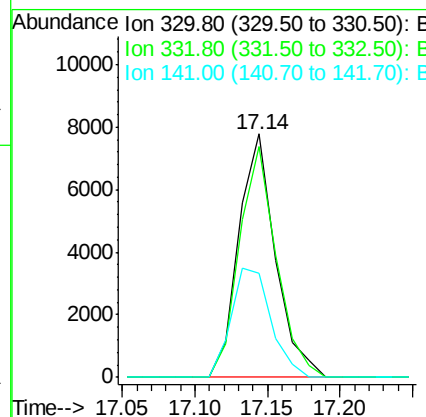
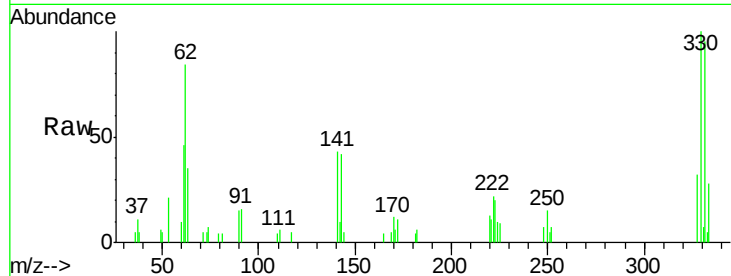




#41
 2,4,6-Tribromophenol
 Concen: 18.12 ng
 RT: 17.14 min Scan# 1383
 Delta R.T. -0.02 min
 Lab File: BF081630.D
 Acq: 15 Sep 2015 15:25

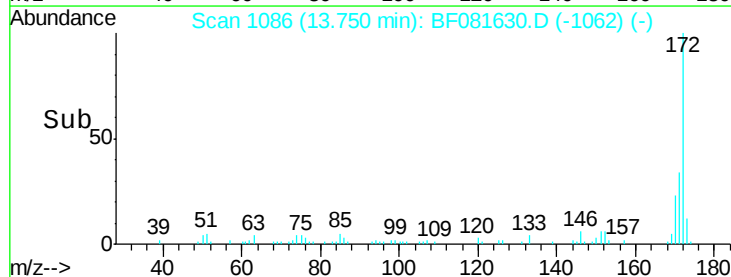
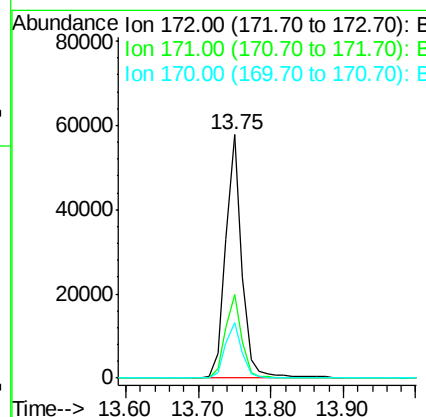
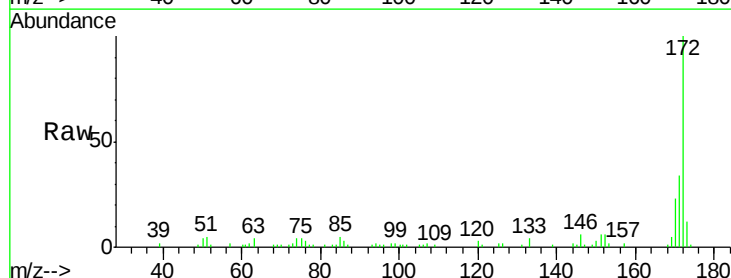
Instrument :
 BNA_F
 ClientSampleId :
 GP-11(0-5)

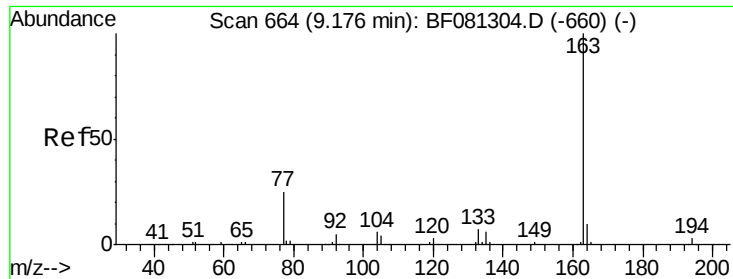
Tgt Ion: 330 Resp: 13670
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.6 114.8
 141 48.5 29.7 44.5#



#44
 2-Fluorobiphenyl
 Concen: 13.59 ng
 RT: 13.75 min Scan# 1086
 Delta R.T. -0.02 min
 Lab File: BF081630.D
 Acq: 15 Sep 2015 15:25

Tgt Ion: 172 Resp: 89898
 Ion Ratio Lower Upper
 172 100
 171 34.3 26.1 39.1
 170 22.6 17.4 26.2





#49

Dimethylphthalate

Concen: 2.82 ng

RT: 14.81 min Scan# 1179

Delta R.T. -0.05 min

Lab File: BF081630.D

Acq: 15 Sep 2015 15:25

Instrument :

BNA_F

ClientSampleId :

GP-11(0-5)

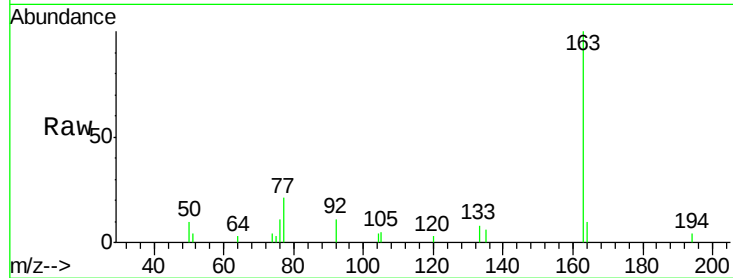
Tgt Ion:163 Resp: 18583

Ion Ratio Lower Upper

163 100

194 3.6 4.4 6.6#

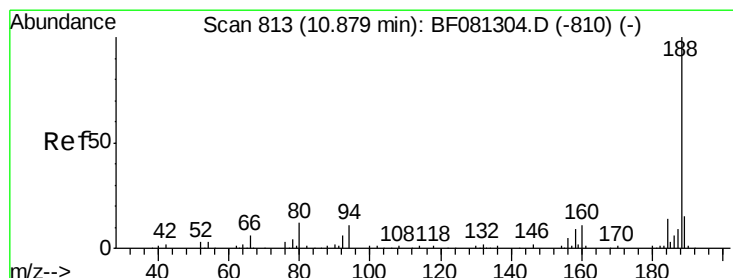
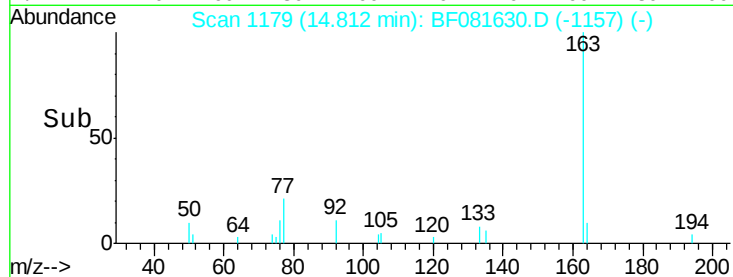
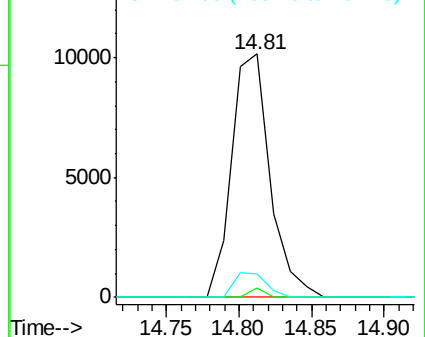
164 9.6 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 18.74 min Scan# 1523

Delta R.T. -0.01 min

Lab File: BF081630.D

Acq: 15 Sep 2015 15:25

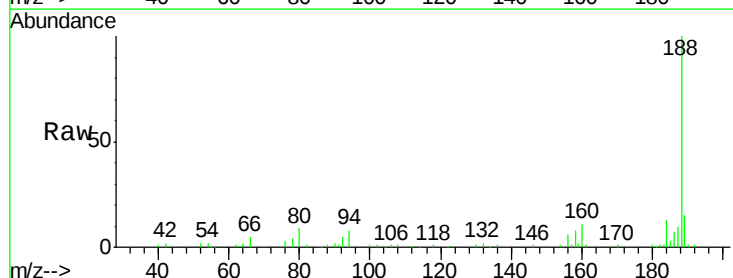
Tgt Ion:188 Resp: 159547

Ion Ratio Lower Upper

188 100

94 8.3 11.1 16.7#

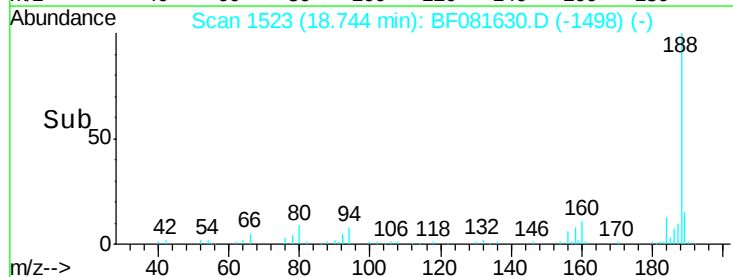
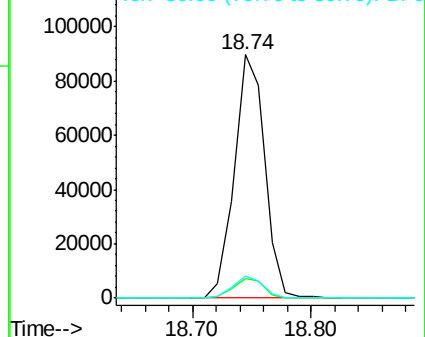
80 9.2 11.0 16.4#

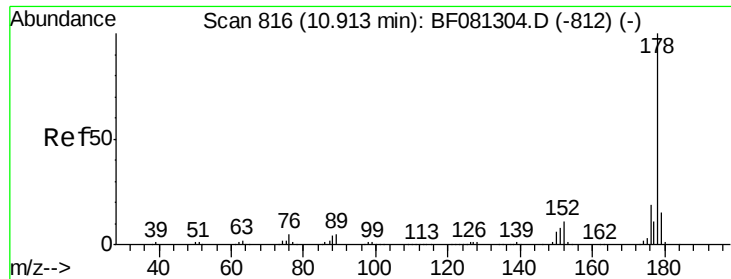


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

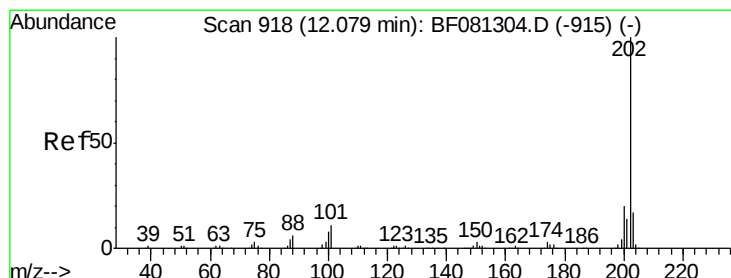
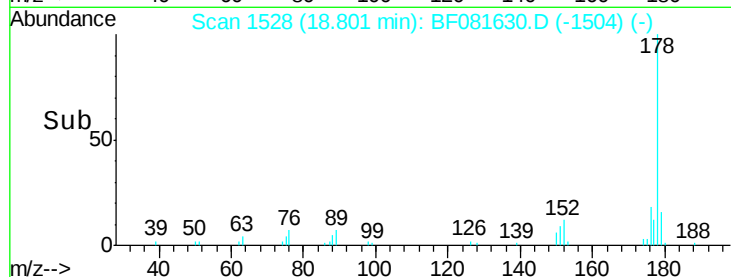
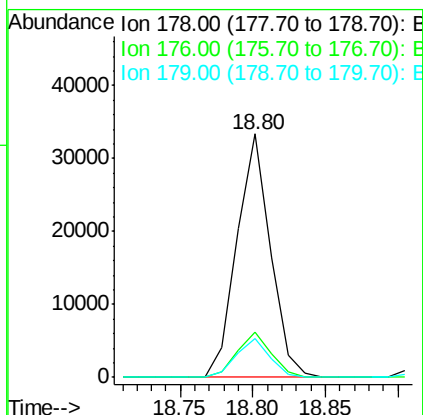
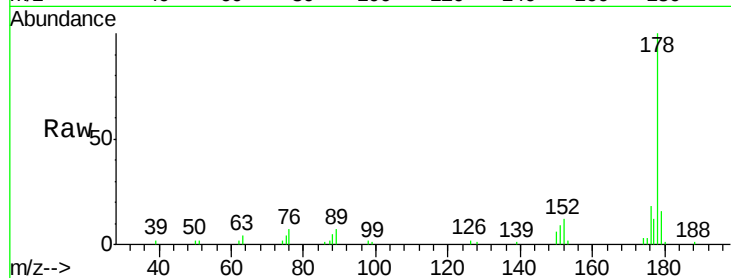




#70
Phenanthrene
Concen: 6.04 ng
RT: 18.80 min Scan# 1528
Delta R.T. -0.02 min
Lab File: BF081630.D
Acq: 15 Sep 2015 15:25

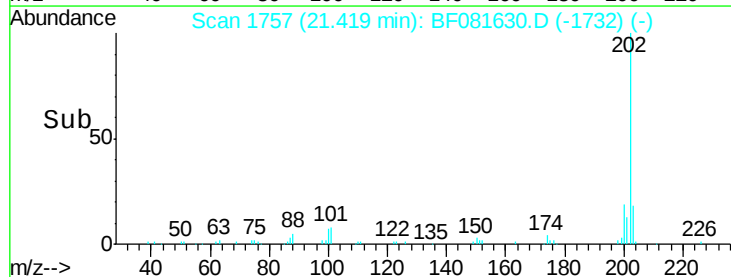
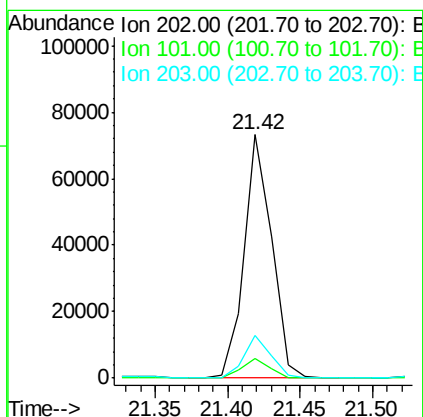
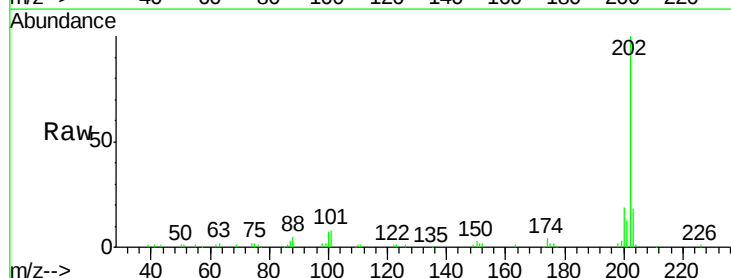
Instrument :
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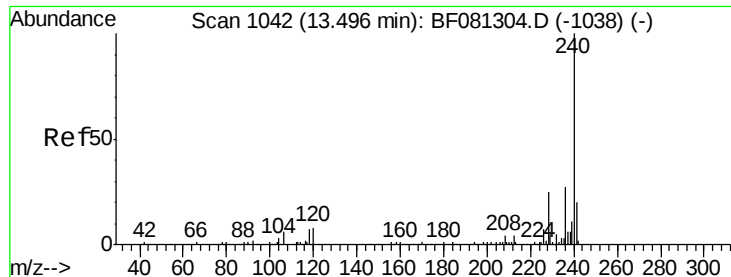
Tgt Ion:178 Resp: 53531
Ion Ratio Lower Upper
178 100
176 18.4 13.8 20.8
179 16.2 12.2 18.2



#74
Fluoranthene
Concen: 10.04 ng
RT: 21.42 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BF081630.D
Acq: 15 Sep 2015 15:25

Tgt Ion:202 Resp: 96411
Ion Ratio Lower Upper
202 100
101 8.2 0.0 38.3
203 17.8 0.0 37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 23.37 min Scan# 1928

Delta R.T. -0.01 min

Lab File: BF081630.D

Acq: 15 Sep 2015 15:25

Instrument :

BNA_F

ClientSampleId :

GP-11(0-5)

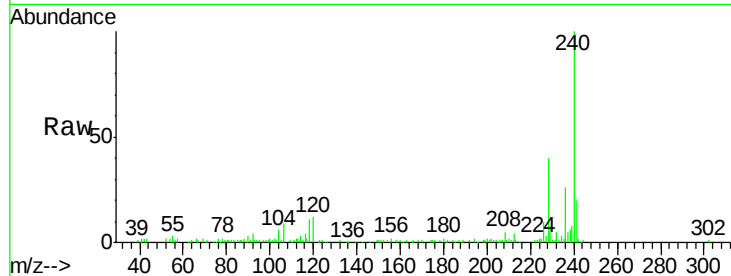
Tgt Ion:240 Resp: 102546

Ion Ratio Lower Upper

240 100

120 12.2 16.2 24.2#

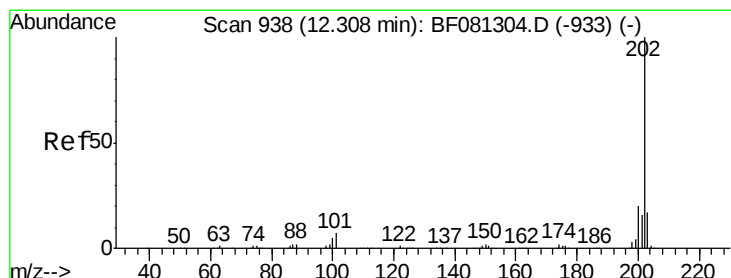
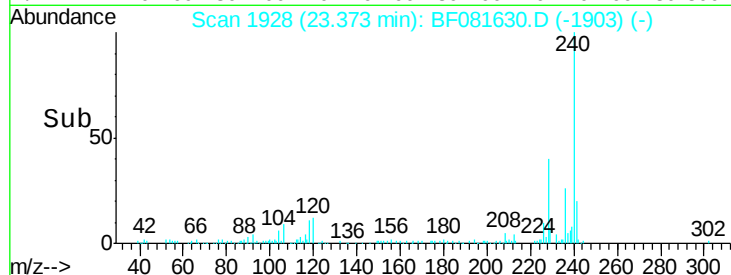
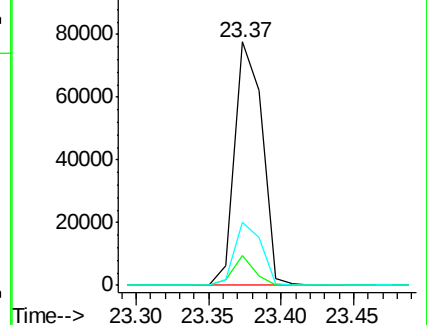
236 25.8 18.4 27.6



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: 12.99 ng

RT: 21.77 min Scan# 1788

Delta R.T. -0.01 min

Lab File: BF081630.D

Acq: 15 Sep 2015 15:25

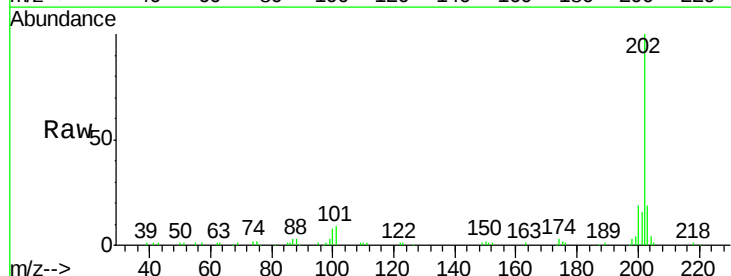
Tgt Ion:202 Resp: 98673

Ion Ratio Lower Upper

202 100

200 18.9 15.0 22.4

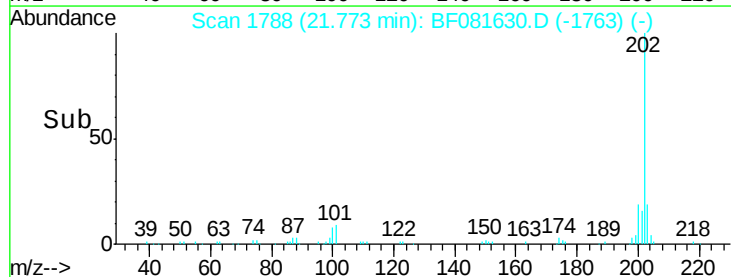
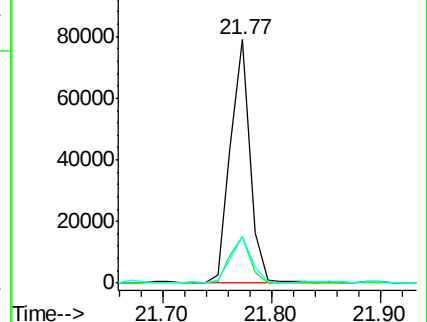
203 19.2 14.1 21.1

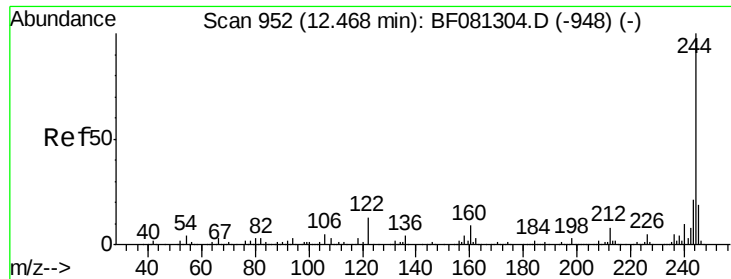


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

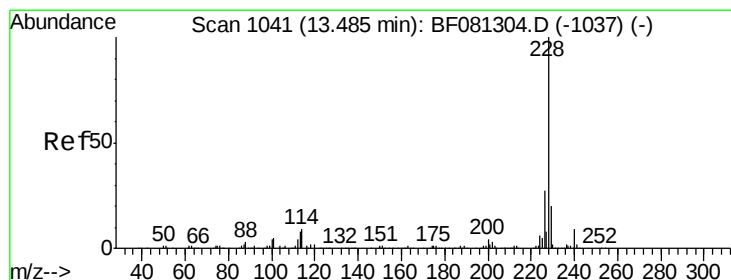
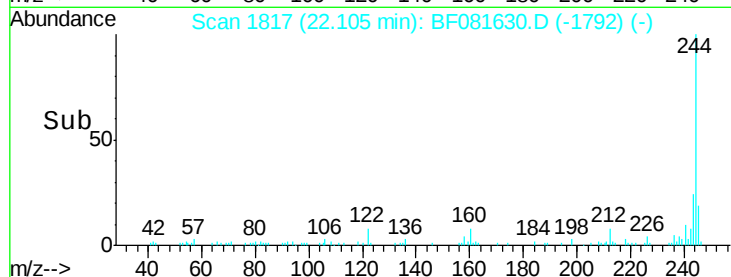
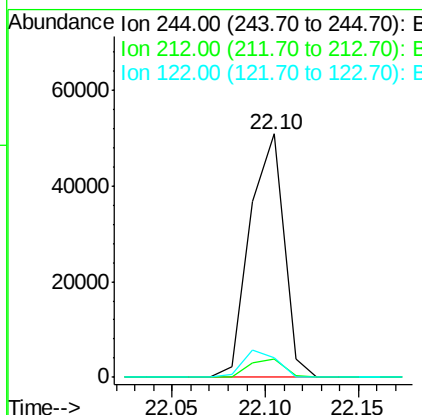
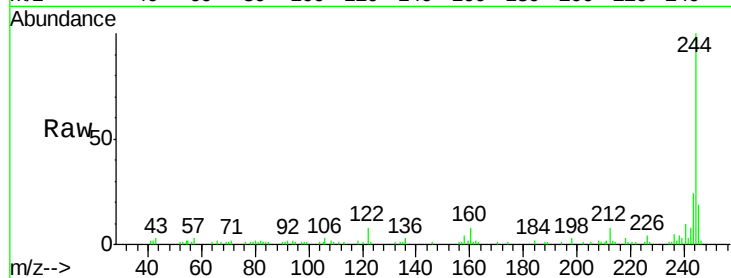




#78
 Terphenyl-d14
 Concen: 14.60 ng
 RT: 22.10 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: BF081630.D
 Acq: 15 Sep 2015 15:25

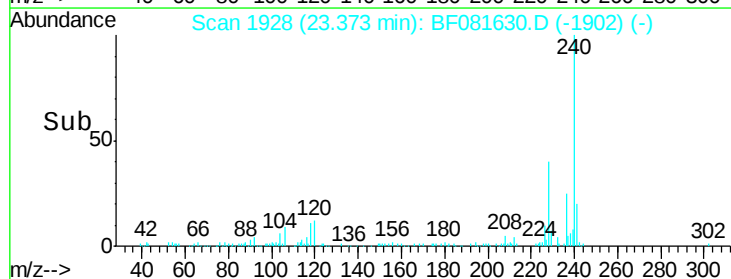
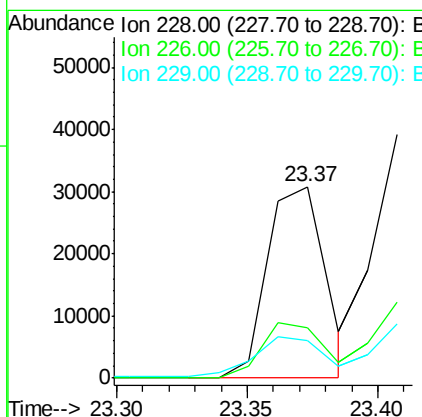
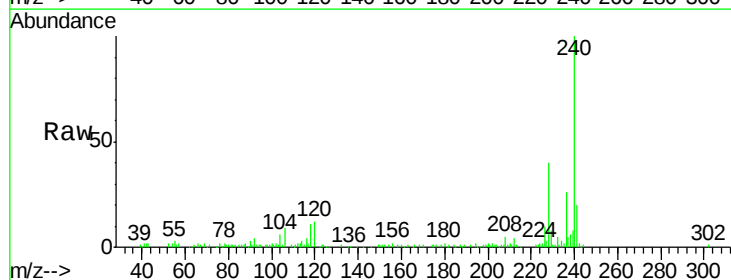
Instrument :
 BNA_F
 ClientSampleId :
 GP-11(0-5)

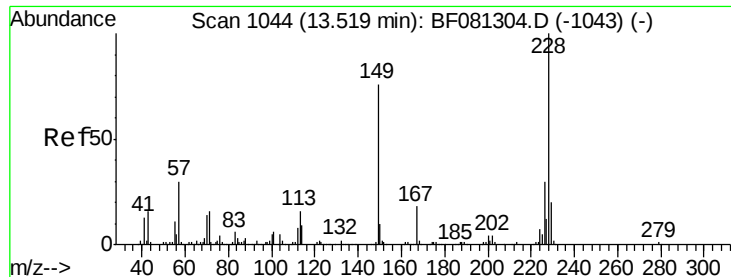
Tgt Ion:244 Resp: 64331
 Ion Ratio Lower Upper
 244 100
 212 7.5 4.3 6.5#
 122 8.2 17.4 26.2#



#80
 Benzo(a)anthracene
 Concen: 7.29 ng
 RT: 23.37 min Scan# 1928
 Delta R.T. 0.00 min
 Lab File: BF081630.D
 Acq: 15 Sep 2015 15:25

Tgt Ion:228 Resp: 47597
 Ion Ratio Lower Upper
 228 100
 226 26.4 20.0 30.0
 229 19.9 15.4 23.2





#82

Chrysene

Concen: 7.47 ng

RT: 23.41 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BF081630.D

Acq: 15 Sep 2015 15:25

Instrument :

BNA_F

ClientSampleId :

GP-11(0-5)

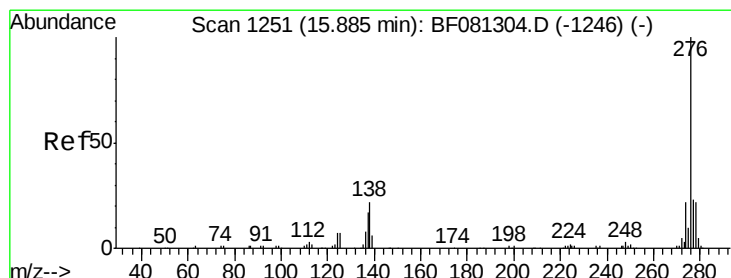
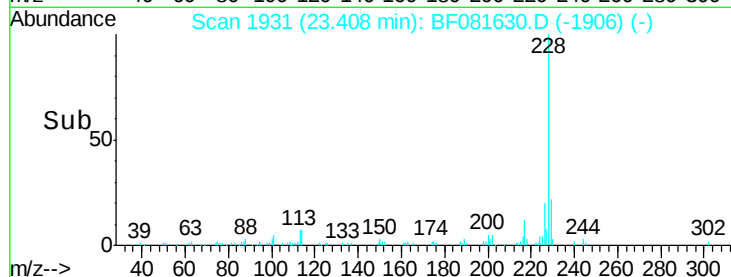
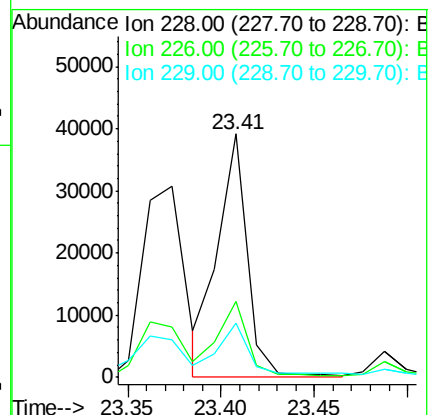
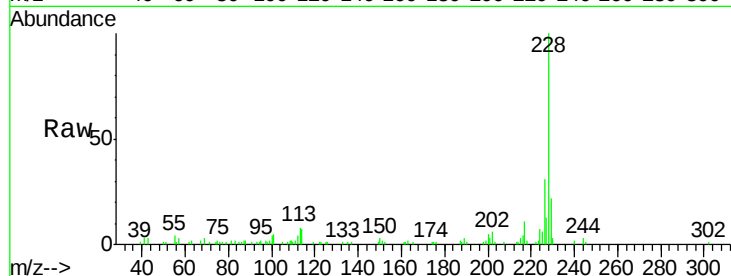
Tgt Ion:228 Resp: 43732

Ion Ratio Lower Upper

228 100

226 31.1 21.0 31.4

229 22.4 15.6 23.4



#85

Indeno(1,2,3-cd)pyrene

Concen: 5.02 ng

RT: 25.86 min Scan# 2146

Delta R.T. -0.01 min

Lab File: BF081630.D

Acq: 15 Sep 2015 15:25

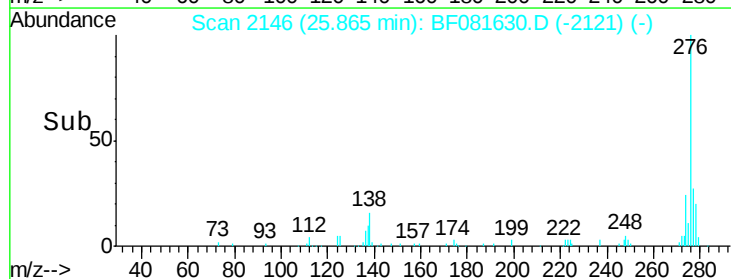
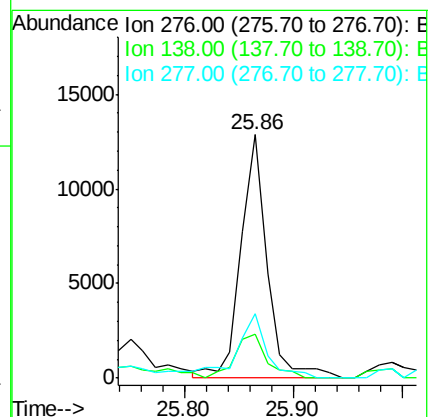
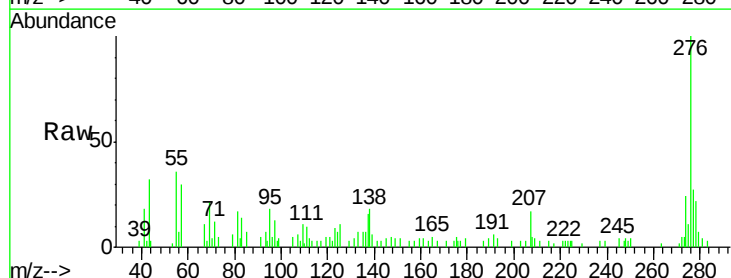
Tgt Ion:276 Resp: 21571

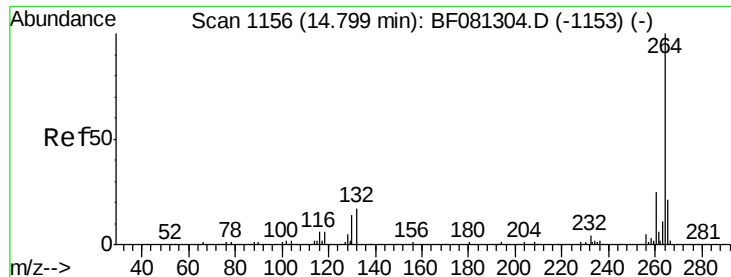
Ion Ratio Lower Upper

276 100

138 22.0 25.7 38.5#

277 31.2 15.6 23.4#



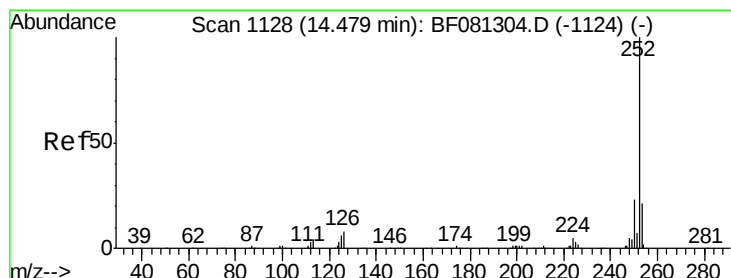
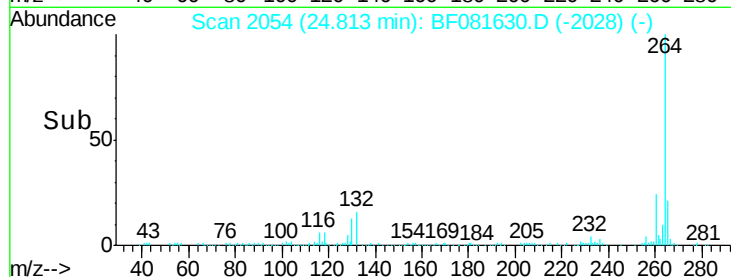
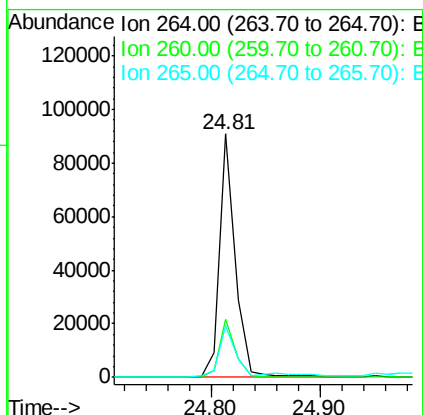
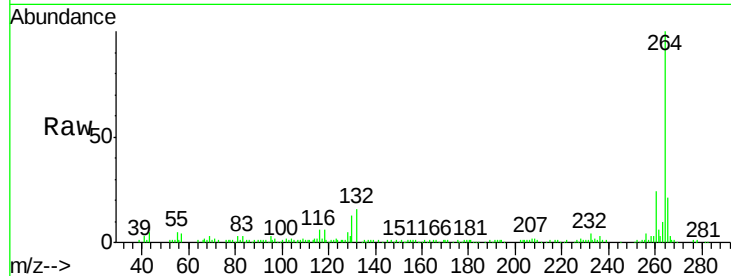


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.81 min Scan# 2054
Delta R.T. 0.00 min
Lab File: BF081630.D
Acq: 15 Sep 2015 15:25

Instrument :
BNA_F
ClientSampleId :
GP-11(0-5)

Tgt Ion: 264 Resp: 91960

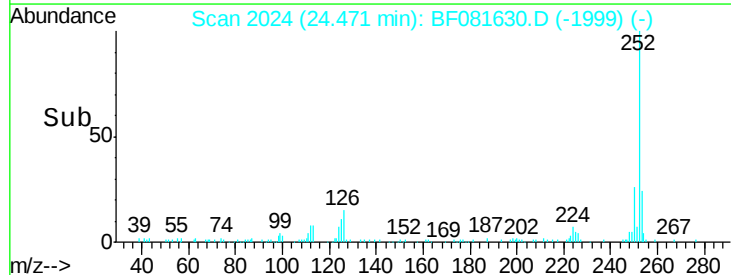
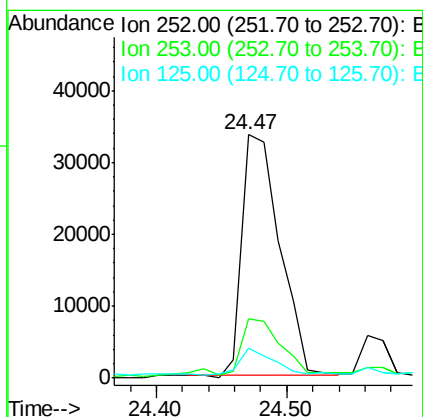
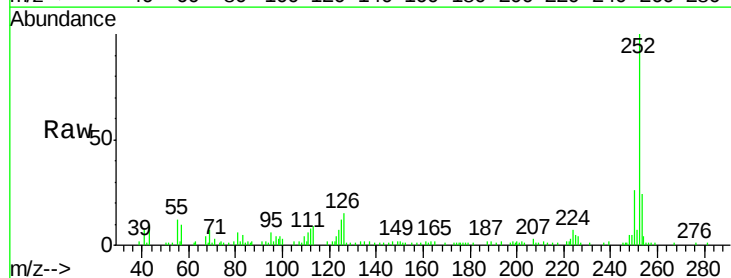
Ion	Ratio	Lower	Upper
264	100		
260	23.9	16.7	25.1
265	21.2	17.2	25.8

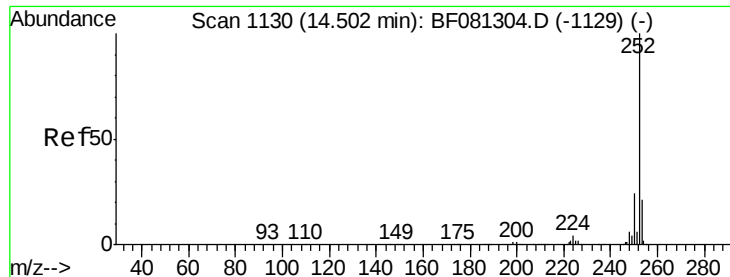


#87
Benzo(b)fluoranthene
Concen: 10.23 ng
RT: 24.47 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF081630.D
Acq: 15 Sep 2015 15:25

Tgt Ion: 252 Resp: 67171

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.5	26.3
125	12.3	17.1	25.7





#88

Benzo(k)fluoranthene

Concen: 12.33 ng

RT: 24.47 min Scan# 2024

Delta R.T. -0.03 min

Lab File: BF081630.D

Acq: 15 Sep 2015 15:25

Instrument :

BNA_F

ClientSampleId :

GP-11(0-5)

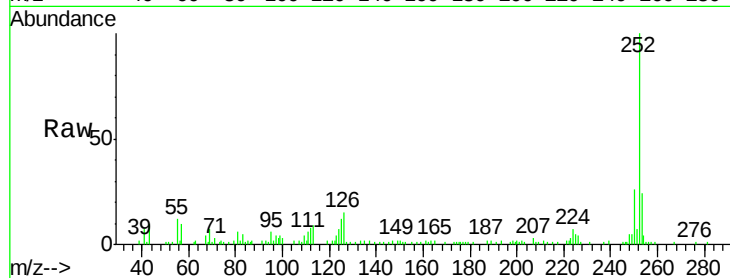
Tgt Ion:252 Resp: 67171

Ion Ratio Lower Upper

252 100

253 24.5 17.0 25.4

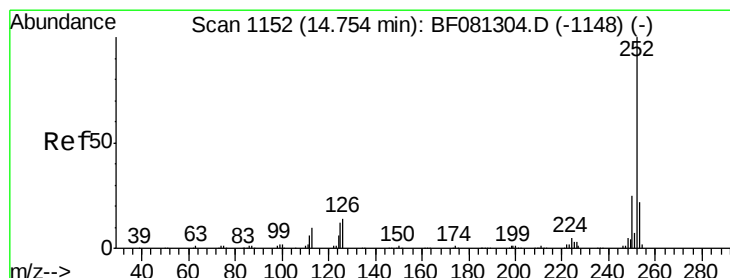
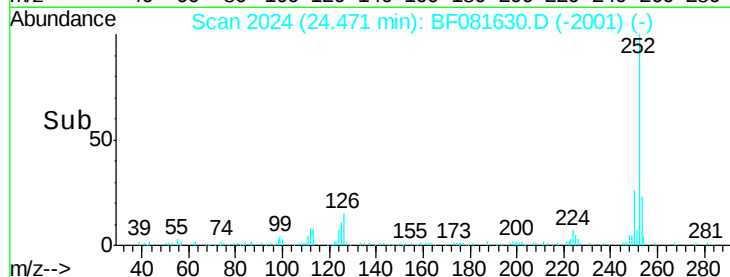
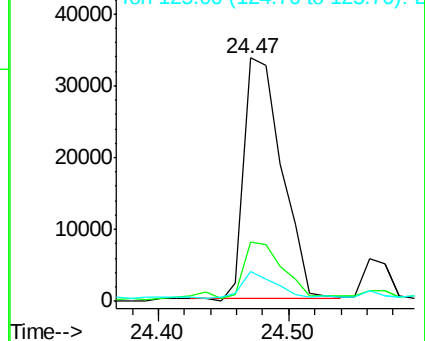
125 12.3 16.0 24.0#



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



#89

Benzo(a)pyrene

Concen: 7.00 ng

RT: 24.77 min Scan# 2050

Delta R.T. 0.00 min

Lab File: BF081630.D

Acq: 15 Sep 2015 15:25

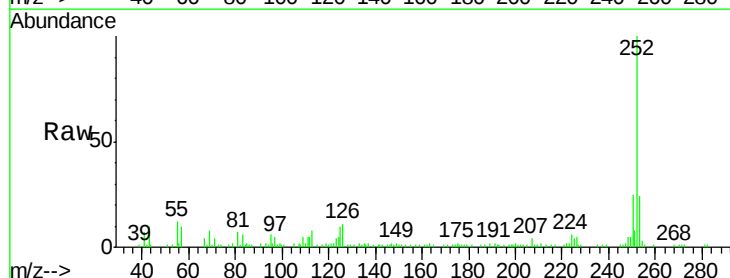
Tgt Ion:252 Resp: 38923

Ion Ratio Lower Upper

252 100

253 23.6 17.2 25.8

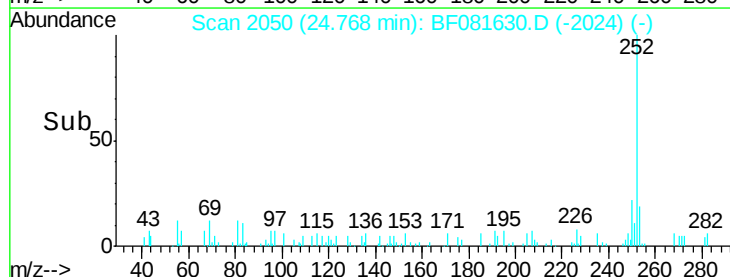
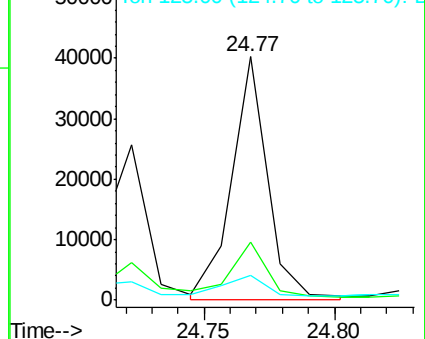
125 10.0 18.0 27.0#

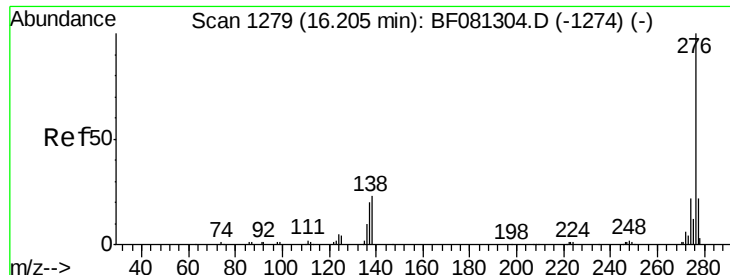


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(g,h,i)perylene

Concen: 5.02 ng

RT: 26.16 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BF081630.D

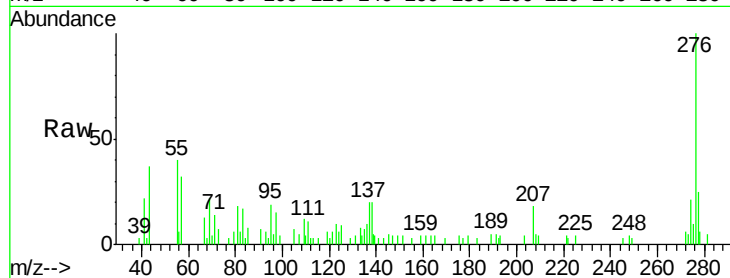
Acq: 15 Sep 2015 15:25

Instrument :

BNA_F

ClientSampleId :

GP-11(0-5)



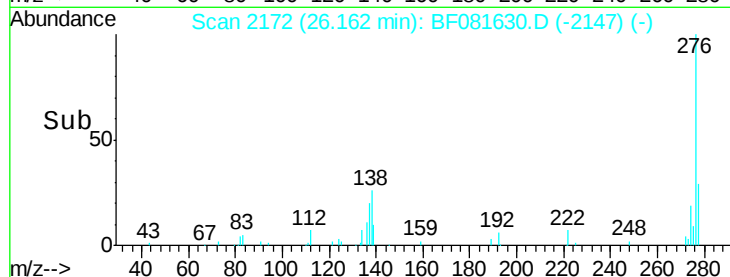
Tgt Ion: 276 Resp: 20599

Ion Ratio Lower Upper

276 100

277 25.0 17.8 26.6

138 25.3 34.6 51.8#



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

