

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052716\
 Data File : BF087465.D
 Acq On : 28 May 2016 3:46
 Operator : UM/SJ
 Sample : H3290-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GM-SP-(0-4)

Quant Time: May 28 04:21:35 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 16:26:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	114699	20.00	ng	-0.03
21) Naphthalene-d8	9.52	136	451341	20.00	ng	-0.03
38) Acenaphthene-d10	12.34	164	199432	20.00	ng	-0.05
63) Phenanthrene-d10	14.74	188	329381	20.00	ng	-0.03
75) Chrysene-d12	18.45	240	230703	20.00	ng	-0.03
86) Perylene-d12	20.13	264	214528	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	715474	109.61	ng	-0.03
7) Phenol-d6	7.04	99	984693	111.64	ng	-0.03
23) Nitrobenzene-d5	8.40	82	644366	71.95	ng	-0.05
41) 2,4,6-Tribromophenol	13.63	330	176321	92.00	ng	-0.05
44) 2-Fluorobiphenyl	11.29	172	983293	69.51	ng	-0.05
78) Terphenyl-d14	17.10	244	635009	58.52	ng	-0.03

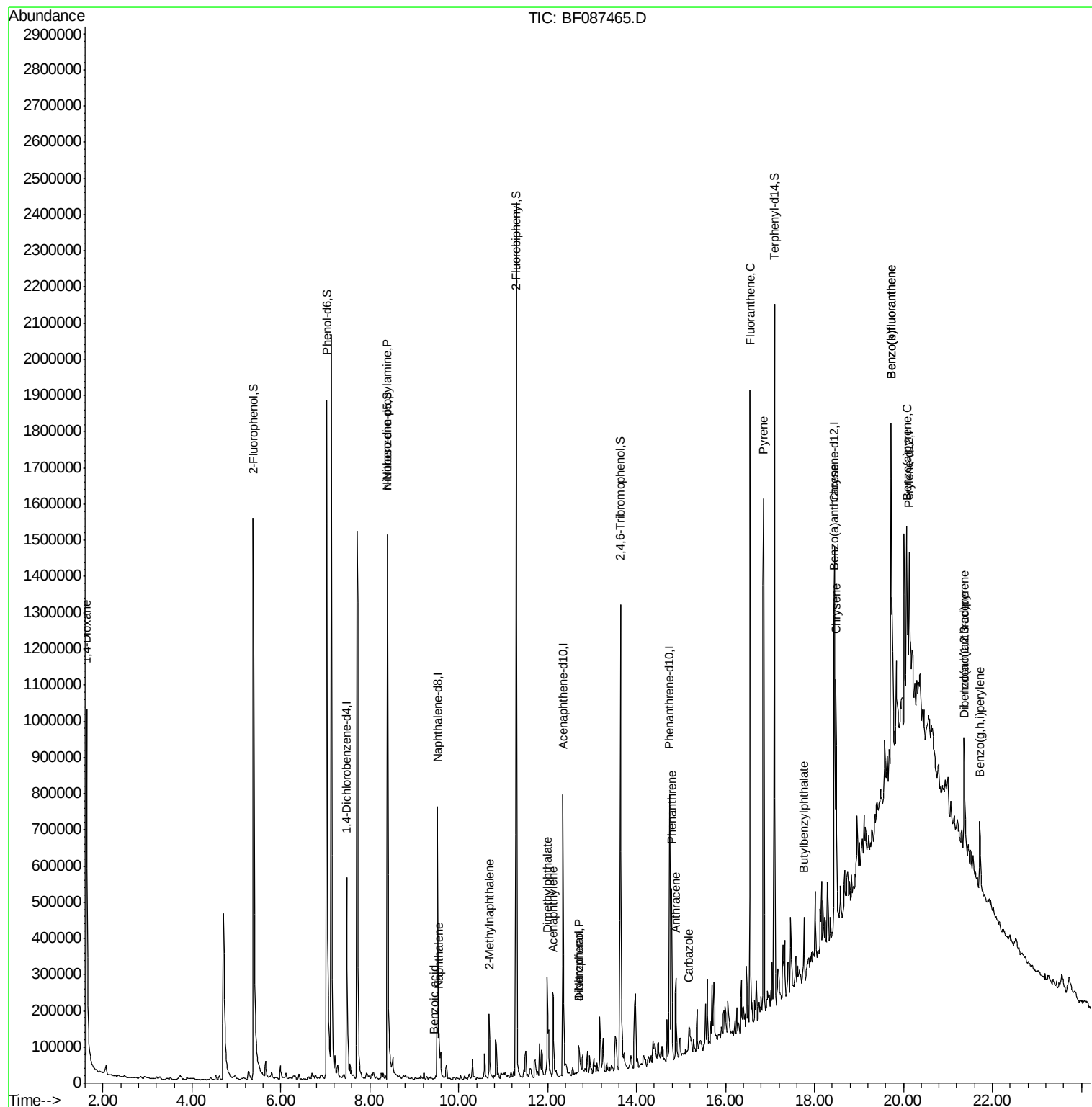
Target Compounds						Qvalue
2) 1,4-Dioxane	1.63	88	30340	8.81	ng	# 22
19) n-Nitroso-di-n-propylamine	8.40	70	86561	13.16	ng	# 73
31) Naphthalene	9.55	128	90805	4.02	ng	99
32) Benzoic acid	9.44	122	454	5.94	ng	# 9
37) 2-Methylnaphthalene	10.68	142	66969	4.74	ng	# 96
48) Acenaphthylene	12.12	152	170453	8.38	ng	99
49) Dimethylphthalate	11.99	163	140134	8.77	ng	99
54) Dibenzofuran	12.70	168	42494	2.51	ng	95
55) 4-Nitrophenol	12.70	139	18092	11.48	ng	# 20
70) Phenanthrene	14.79	178	331671	18.18	ng	99
71) Anthracene	14.88	178	168182	9.12	ng	98
72) Carbazole	15.18	167	51583	3.28	ng	# 97
74) Fluoranthene	16.55	202	861158	47.07	ng	95
77) Pyrene	16.86	202	778458	46.88	ng	99
79) Butylbenzylphthalate	17.76	149	36595	4.97	ng	# 65
80) Benzo(a)anthracene	18.43	228	424044	32.31	ng	95
82) Chrysene	18.48	228	400192	30.73	ng	97
85) Indeno(1,2,3-cd)pyrene	21.36	276	211450	20.25	ng	# 89
87) Benzo(b)fluoranthene	19.73	252	777132	56.87	ng	# 97
88) Benzo(k)fluoranthene	19.73	252	777132	66.07	ng	100
89) Benzo(a)pyrene	20.08	252	316439	26.77	ng	96
90) Dibenzo(a,h)anthracene	21.37	278	47056	4.67	ng	# 92
91) Benzo(g,h,i)perylene	21.71	276	183803	18.48	ng	# 92

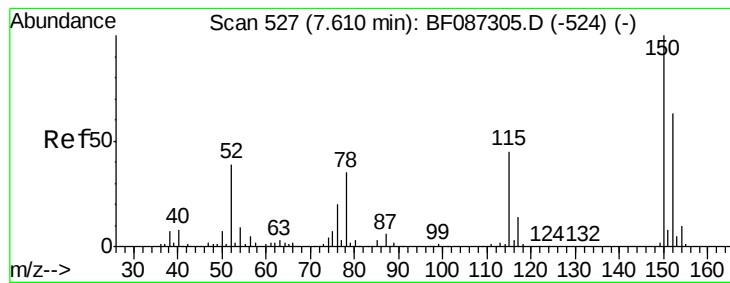
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 25 16:26:52 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.48 min Scan# 516

Delta R.T. -0.03 min

Lab File: BF087465.D

Acq: 28 May 2016 3:46

Instrument :

BNA_F

ClientSampleId :

GM-SP-(0-4)

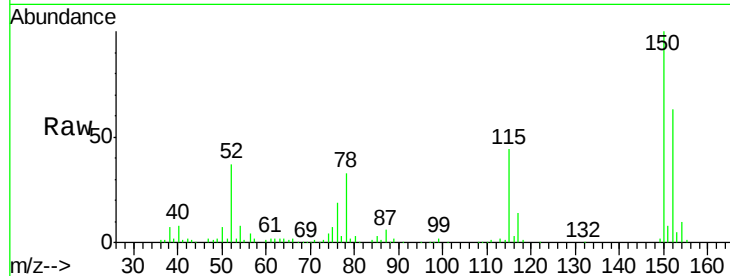
Tgt Ion:152 Resp: 114699

Ion Ratio Lower Upper

152 100

150 158.4 125.8 188.6

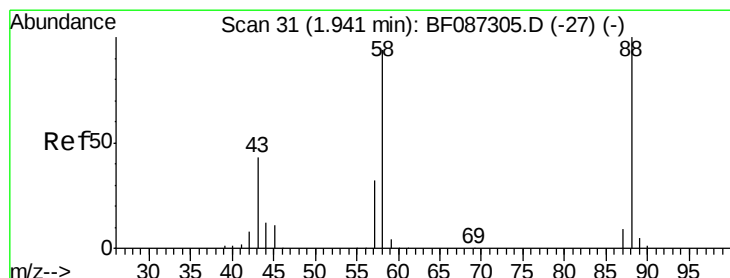
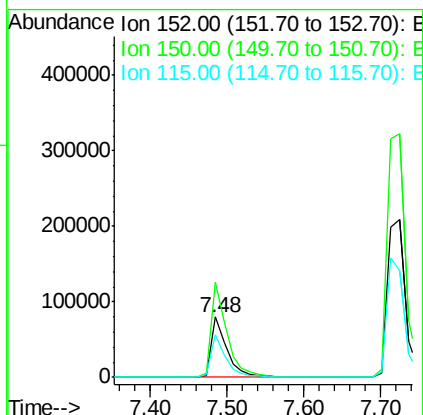
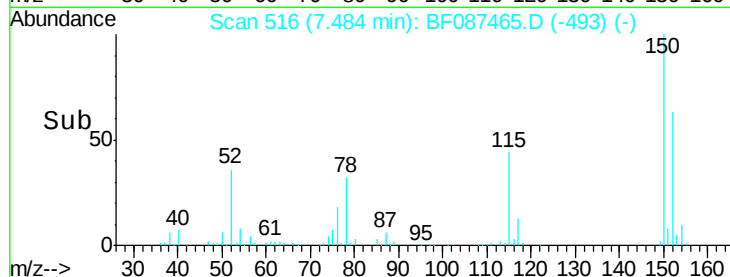
115 70.2 51.5 77.3



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



#2

1,4-Dioxane

Concen: 8.81 ng

RT: 1.63 min Scan# 4

Delta R.T. -0.18 min

Lab File: BF087465.D

Acq: 28 May 2016 3:46

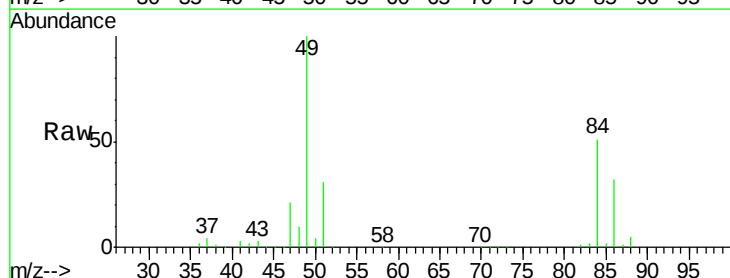
Tgt Ion: 88 Resp: 30340

Ion Ratio Lower Upper

88 100

58 0.0 59.6 89.4#

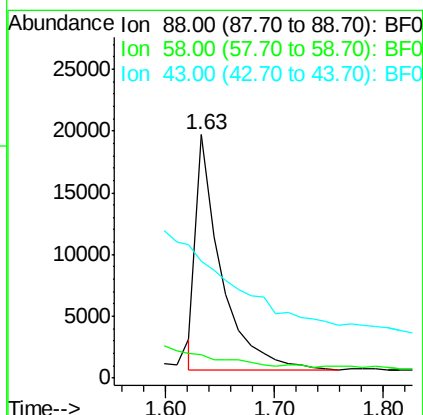
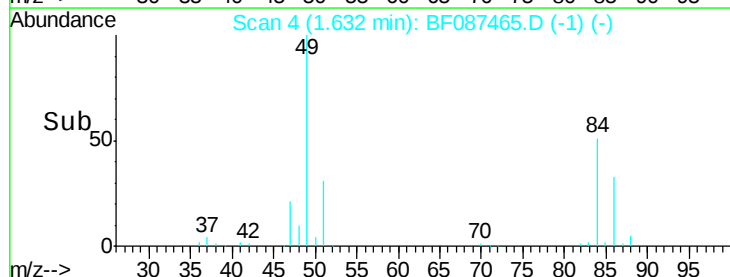
43 0.0 21.8 32.6#

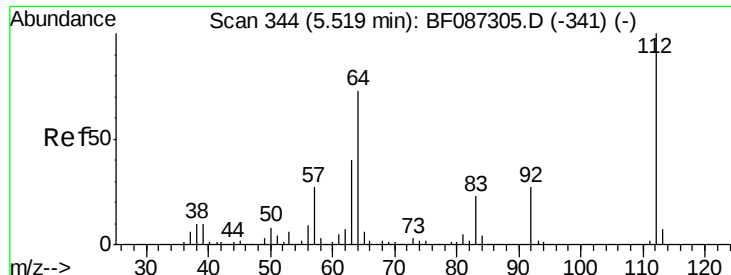


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 109.61 ng

RT: 5.38 min Scan# 332

Delta R.T. -0.03 min

Lab File: BF087465.D

Acq: 28 May 2016 3:46

Instrument :

BNA_F

ClientSampleId :

GM-SP-(0-4)

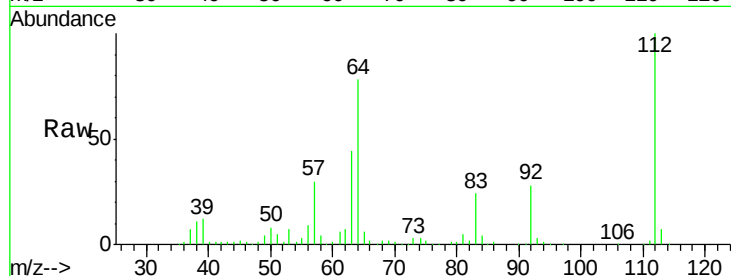
Tgt Ion: 112 Resp: 715474

Ion Ratio Lower Upper

112 100

64 78.0 52.1 78.1

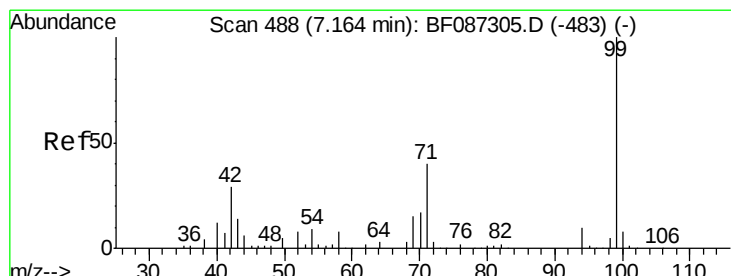
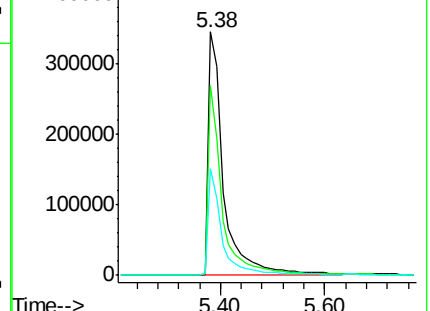
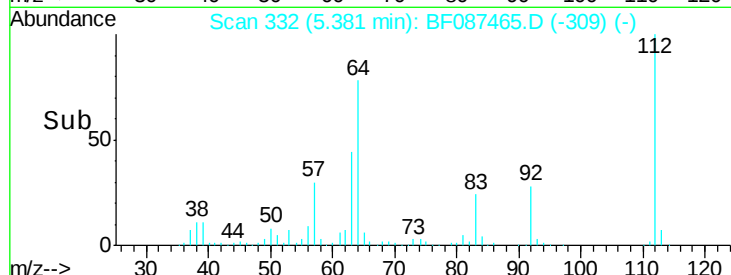
63 44.0 25.7 38.5#



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: 111.64 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.03 min

Lab File: BF087465.D

Acq: 28 May 2016 3:46

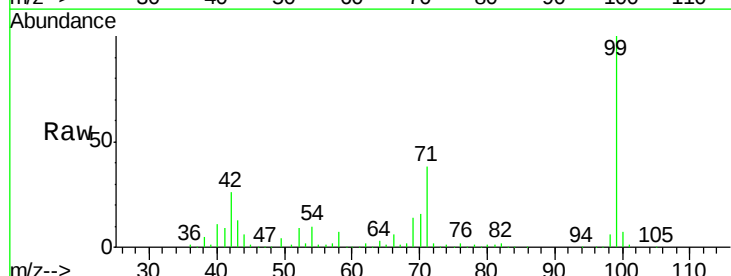
Tgt Ion: 99 Resp: 984693

Ion Ratio Lower Upper

99 100

42 26.2 13.6 20.4#

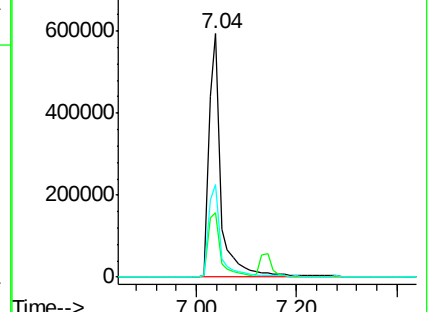
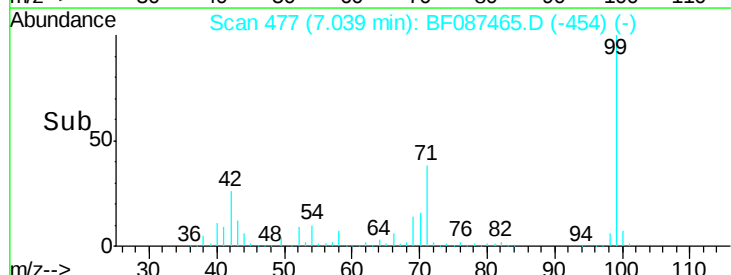
71 38.2 24.6 36.8#

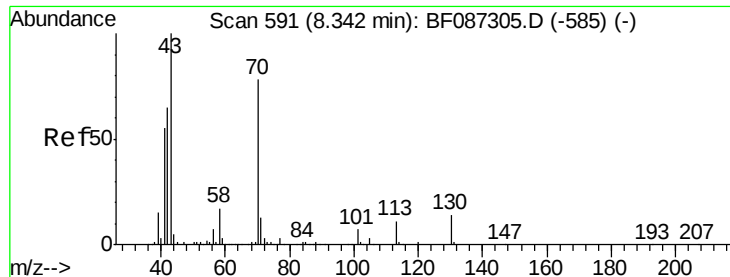


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

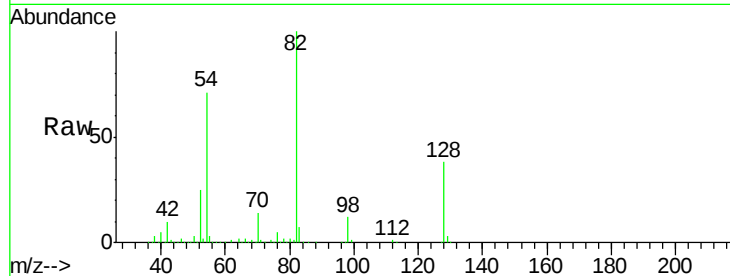




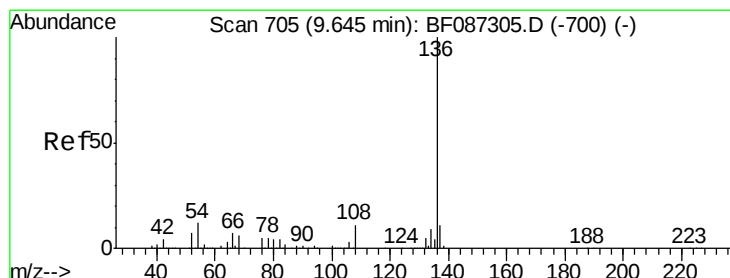
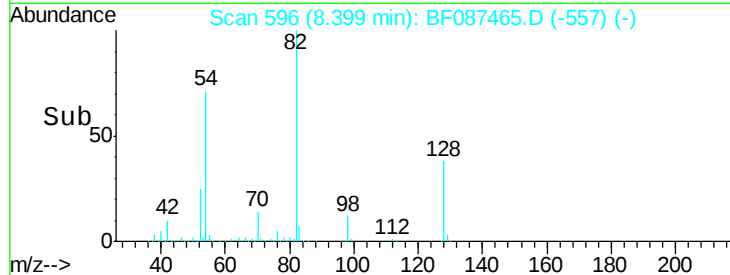
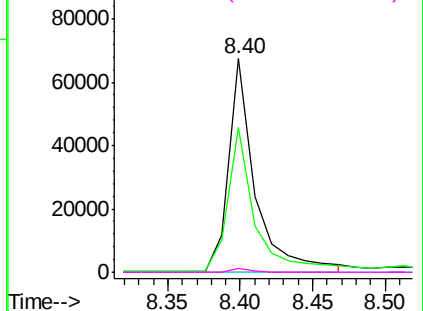
#19
n-Nitroso-di-n-propylamine
Concen: 13.16 ng
RT: 8.40 min Scan# 596
Delta R.T. 0.15 min
Lab File: BF087465.D
Acq: 28 May 2016 3:46

Instrument :
BNA_F
ClientSampleId :
GM-SP-(0-4)

Tgt Ion: 70 Resp: 86561
Ion Ratio Lower Upper
70 100
42 67.7 43.1 64.7#
101 0.0 8.1 12.1#
130 1.9 18.6 28.0#

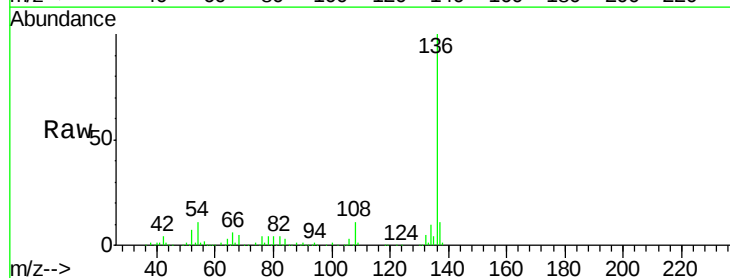


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

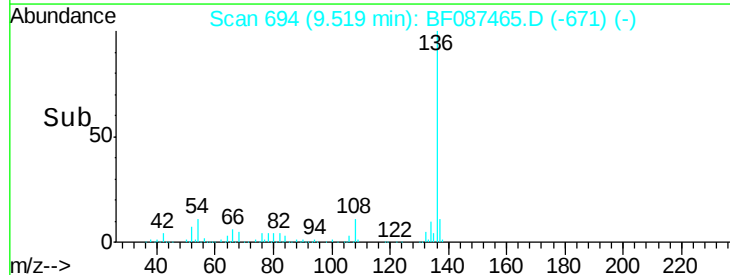
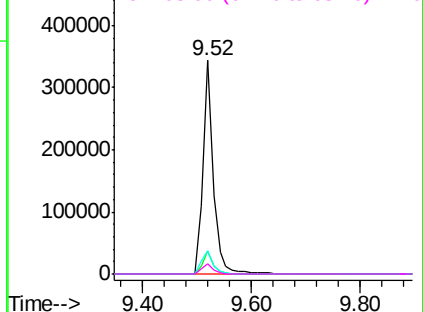


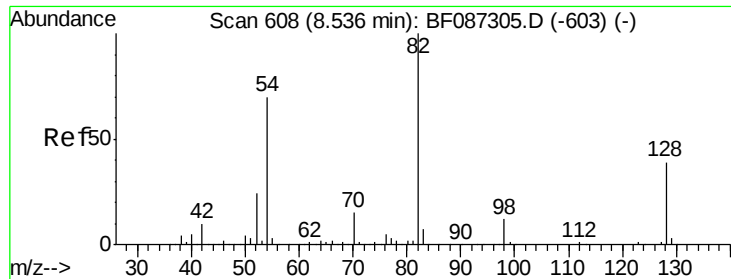
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.03 min
Lab File: BF087465.D
Acq: 28 May 2016 3:46

Tgt Ion: 136 Resp: 451341
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 10.9 5.0 7.4#
68 5.0 4.4 6.6



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

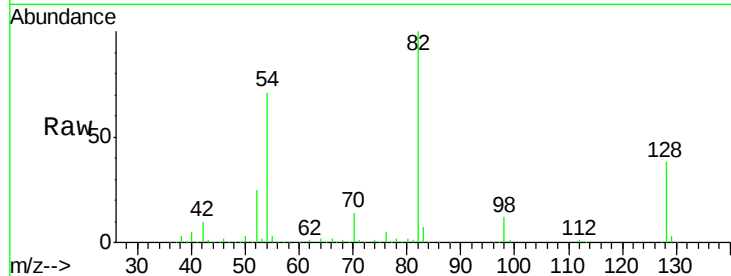




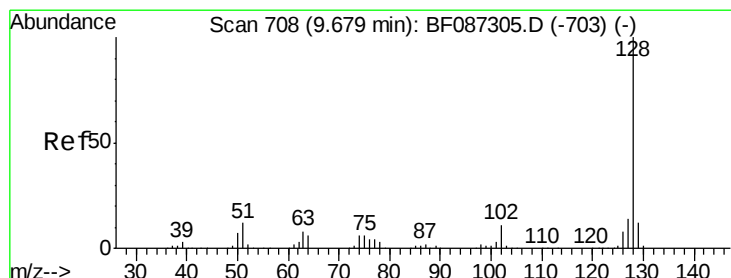
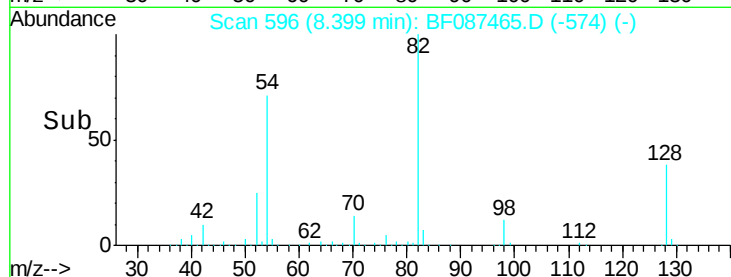
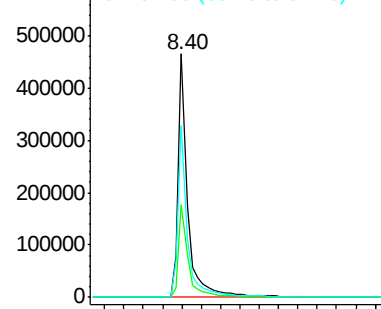
#23
Nitrobenzene-d5
Concen: 71.95 ng
RT: 8.40 min Scan# 596
Delta R.T. -0.05 min
Lab File: BF087465.D
Acq: 28 May 2016 3:46

Instrument :
BNA_F
ClientSampleId :
GM-SP-(0-4)

Tgt Ion: 82 Resp: 644366
Ion Ratio Lower Upper
82 100
128 37.8 40.6 61.0#
54 70.6 38.1 57.1#

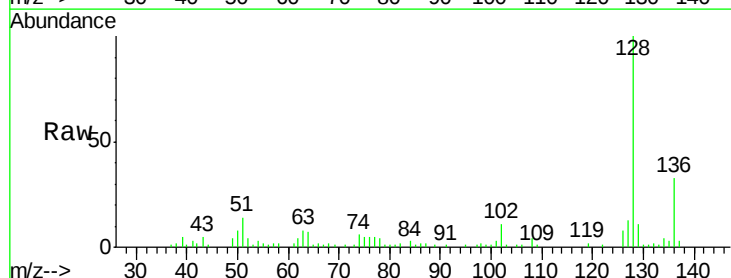


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

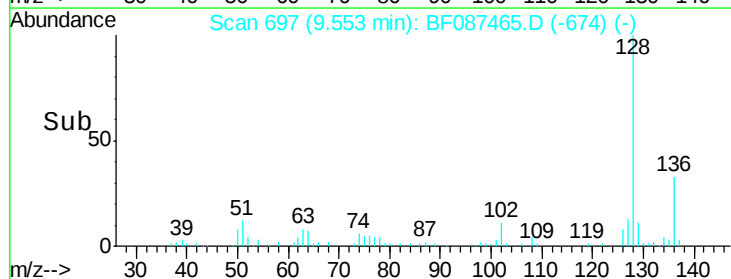
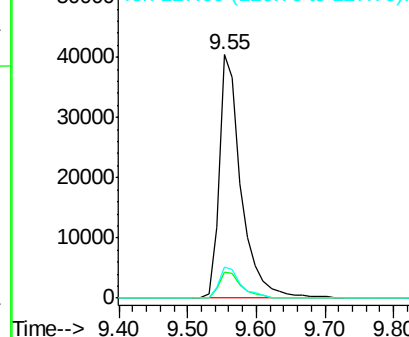


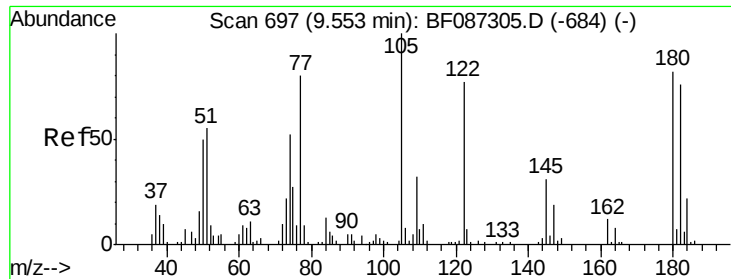
#31
Naphthalene
Concen: 4.02 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.03 min
Lab File: BF087465.D
Acq: 28 May 2016 3:46

Tgt Ion: 128 Resp: 90805
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 12.5 10.8 16.2



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





#32

Benzoic acid

Concen: 5.94 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF087465.D

Acq: 28 May 2016 3:46

Instrument :

BNA_F

ClientSampled :

GM-SP-(0-4)

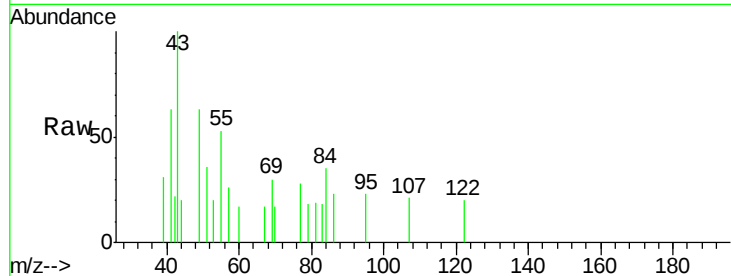
Tgt Ion:122 Resp: 454

Ion Ratio Lower Upper

122 100

105 0.0 92.6 132.6#

77 142.7 60.0 100.0#

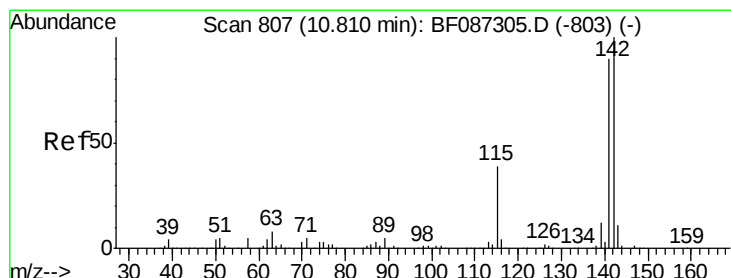
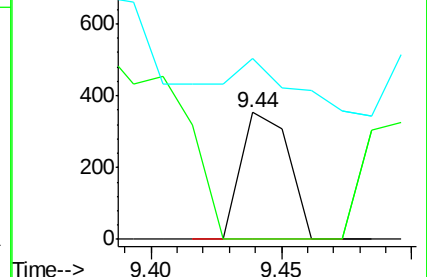
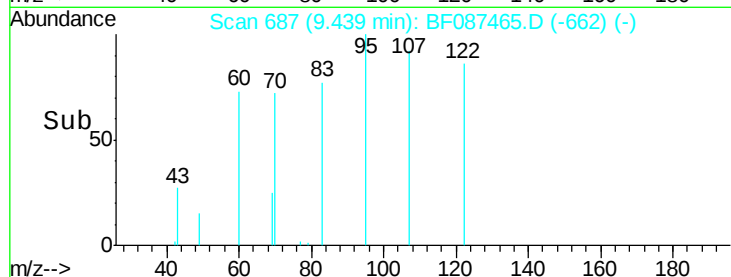


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

Time-->



#37

2-Methylnaphthalene

Concen: 4.74 ng

RT: 10.68 min Scan# 796

Delta R.T. -0.03 min

Lab File: BF087465.D

Acq: 28 May 2016 3:46

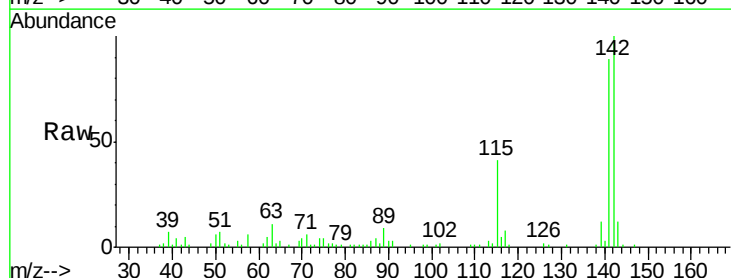
Tgt Ion:142 Resp: 66969

Ion Ratio Lower Upper

142 100

141 88.7 71.0 106.6

115 41.1 26.6 39.8#

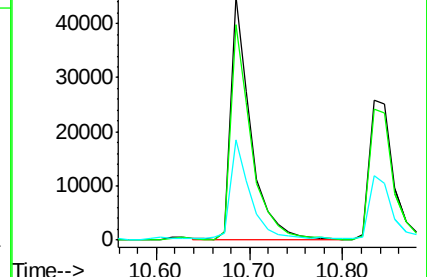
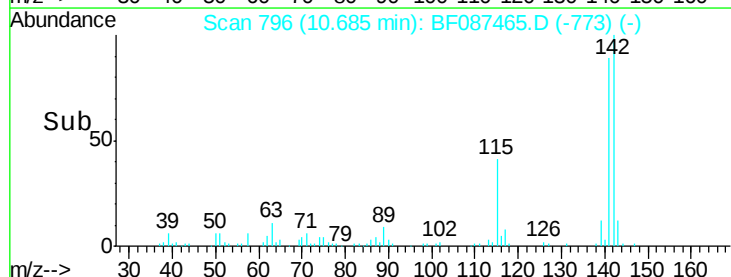


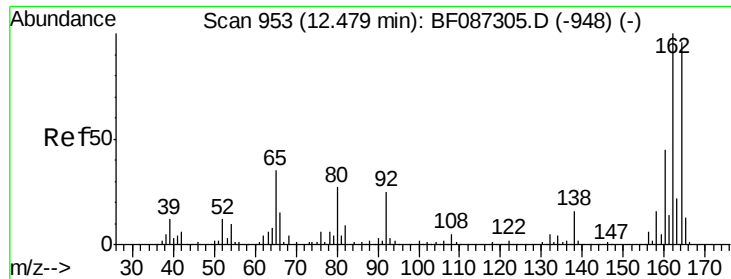
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

Time-->

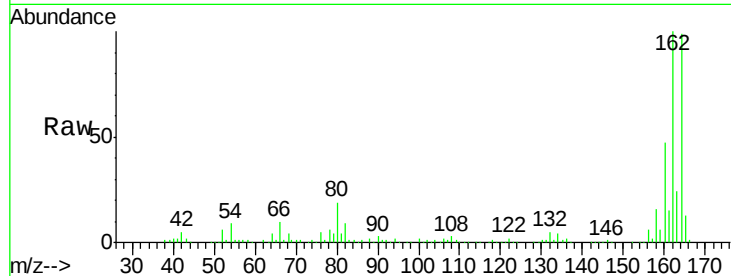




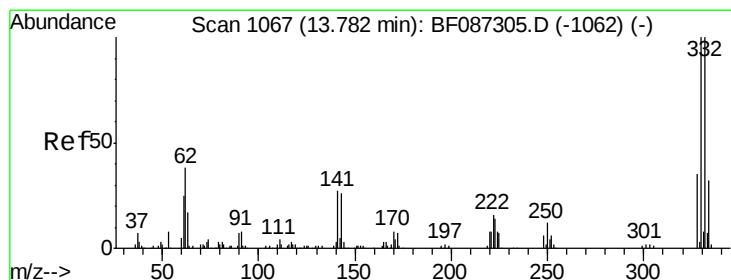
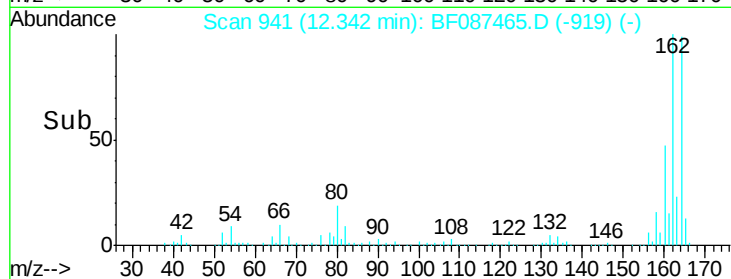
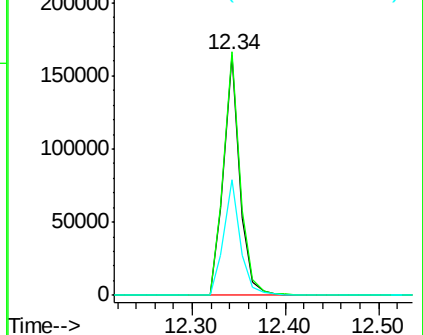
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.34 min Scan# 941
 Delta R.T. -0.05 min
 Lab File: BF087465.D
 Acq: 28 May 2016 3:46

Instrument :
 BNA_F
 ClientSampleId :
 GM-SP-(0-4)

Tgt Ion:164 Resp: 199432
 Ion Ratio Lower Upper
 164 100
 162 101.3 82.8 124.2
 160 47.8 36.9 55.3

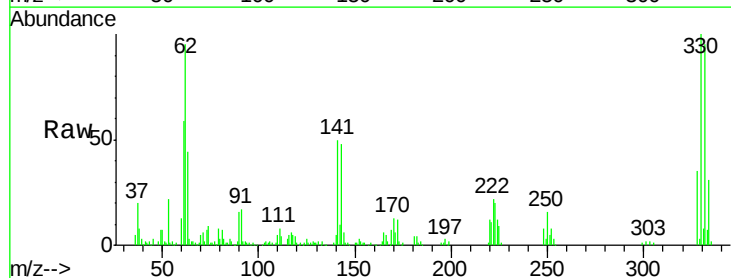


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

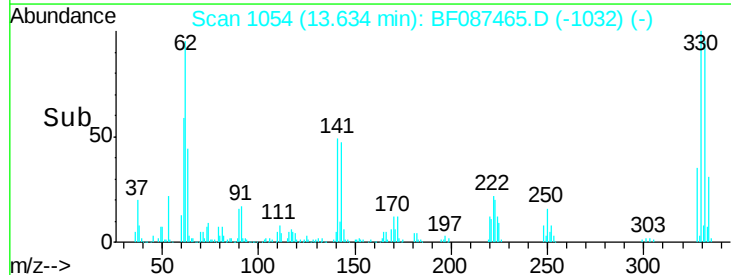
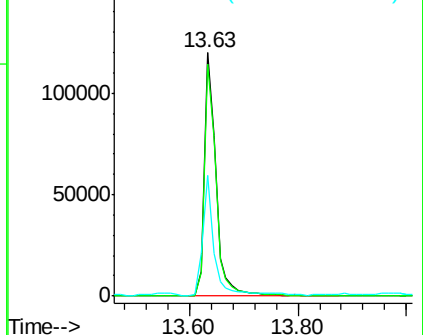


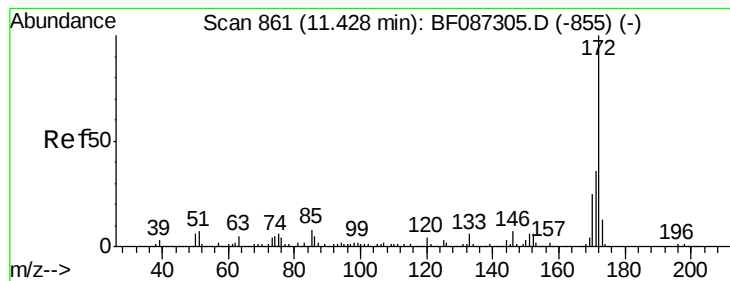
#41
 2,4,6-Tribromophenol
 Concen: 92.00 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. -0.05 min
 Lab File: BF087465.D
 Acq: 28 May 2016 3:46

Tgt Ion:330 Resp: 176321
 Ion Ratio Lower Upper
 330 100
 332 96.4 79.0 118.4
 141 48.5 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: 69.51 ng

RT: 11.29 min Scan# 849

Delta R.T. -0.05 min

Lab File: BF087465.D

Acq: 28 May 2016 3:46

Instrument :

BNA_F

ClientSampleId :

GM-SP-(0-4)

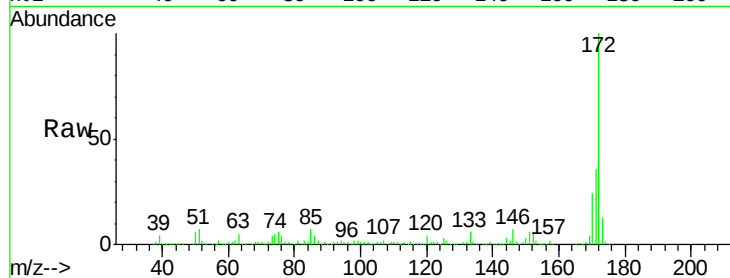
Tgt Ion:172 Resp: 983293

Ion Ratio Lower Upper

172 100

171 35.8 29.0 43.6

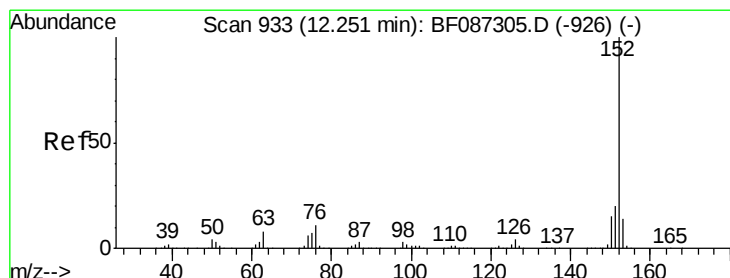
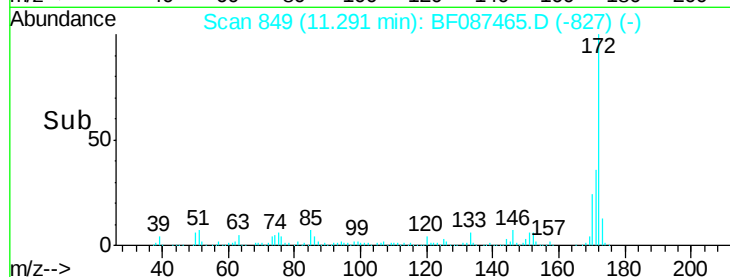
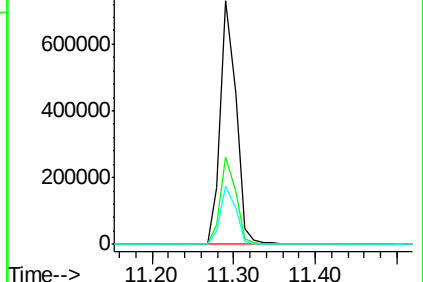
170 23.9 19.8 29.8



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



#48

Acenaphthylene

Concen: 8.38 ng

RT: 12.12 min Scan# 922

Delta R.T. -0.03 min

Lab File: BF087465.D

Acq: 28 May 2016 3:46

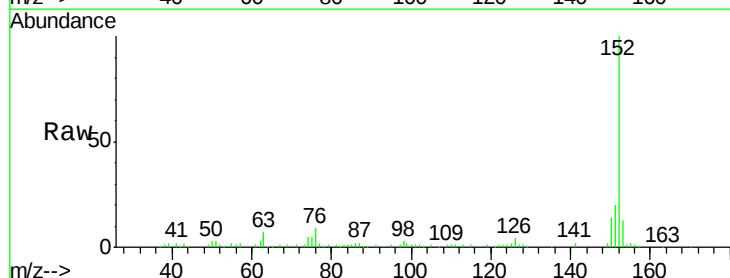
Tgt Ion:152 Resp: 170453

Ion Ratio Lower Upper

152 100

151 20.2 16.8 25.2

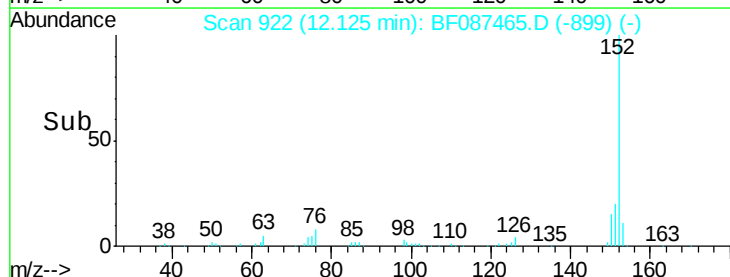
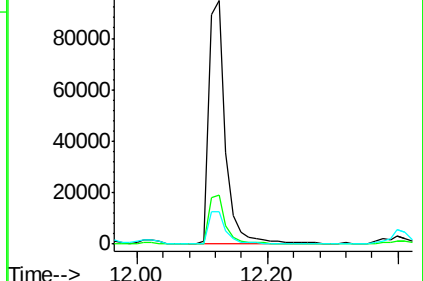
153 13.4 10.9 16.3

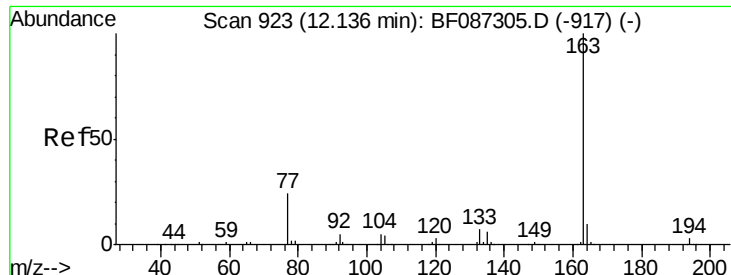


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

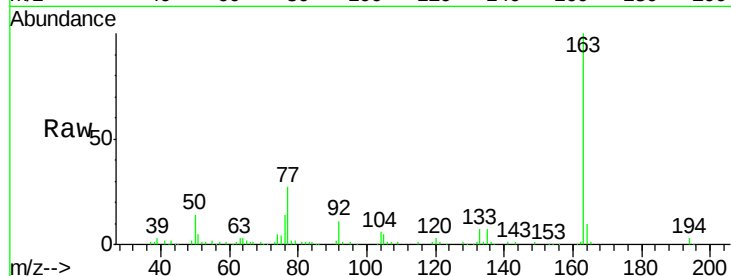




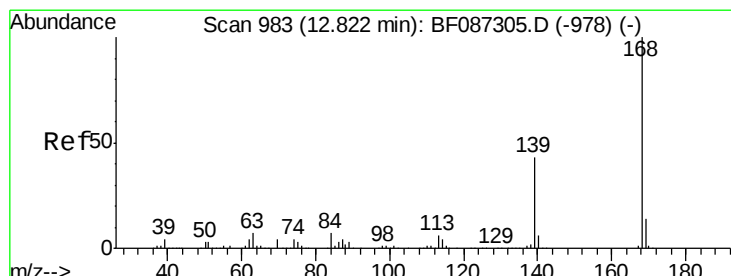
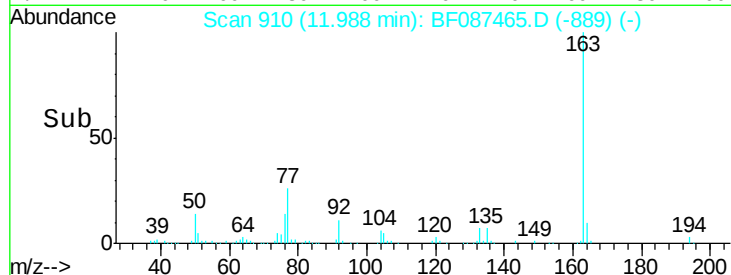
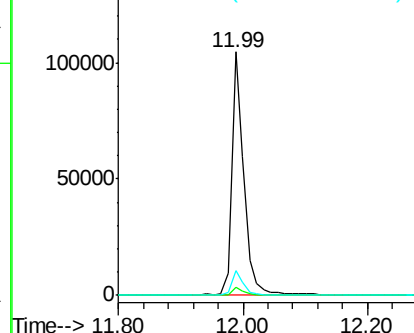
#49
Dimethylphthalate
Concen: 8.77 ng
RT: 11.99 min Scan# 910
Delta R.T. -0.06 min
Lab File: BF087465.D
Acq: 28 May 2016 3:46

Instrument :
BNA_F
ClientSampleId :
GM-SP-(0-4)

Tgt Ion:163 Resp: 140134
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.0 8.2 12.4

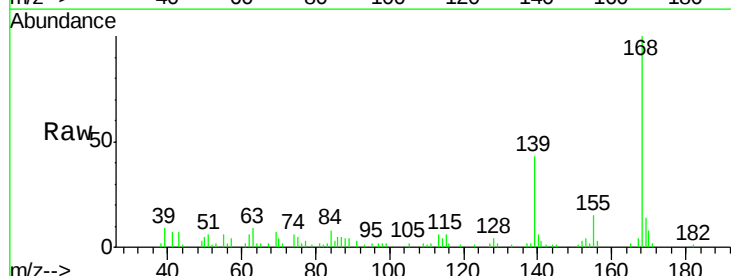


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

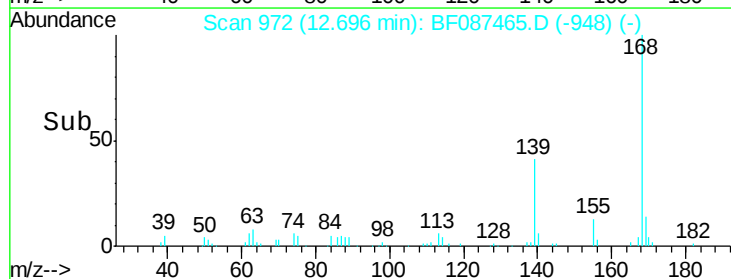
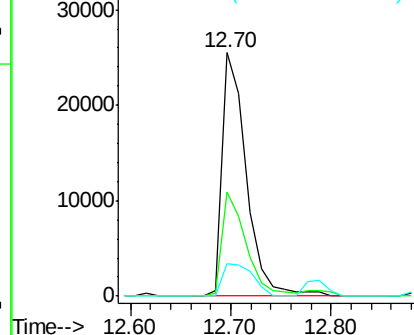


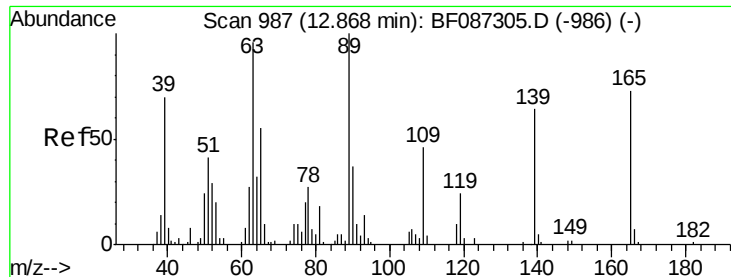
#54
Dibenzofuran
Concen: 2.51 ng
RT: 12.70 min Scan# 972
Delta R.T. -0.02 min
Lab File: BF087465.D
Acq: 28 May 2016 3:46

Tgt Ion:168 Resp: 42494
Ion Ratio Lower Upper
168 100
139 42.9 31.4 47.0
169 13.5 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

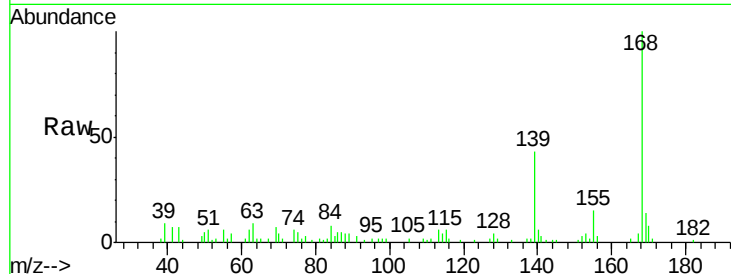




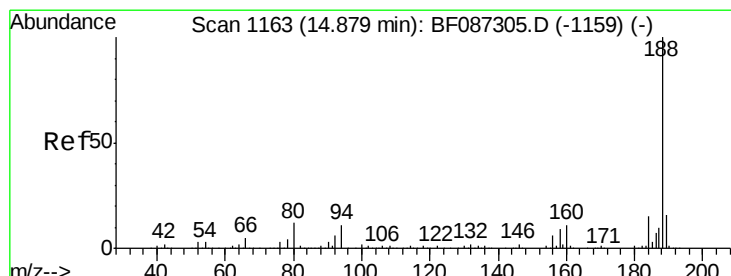
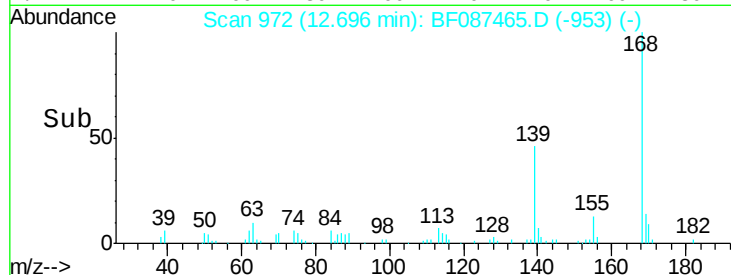
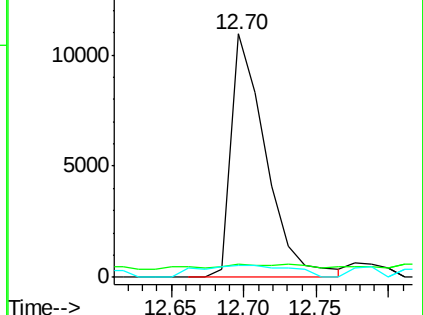
#55
4-Nitrophenol
Concen: 11.48 ng
RT: 12.70 min Scan# 972
Delta R.T. -0.08 min
Lab File: BF087465.D
Acq: 28 May 2016 3:46

Instrument :
BNA_F
ClientSampleId :
GM-SP-(0-4)

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	18092		
109	5.7	36.9	76.9#	
65	5.0	64.0	104.0#	

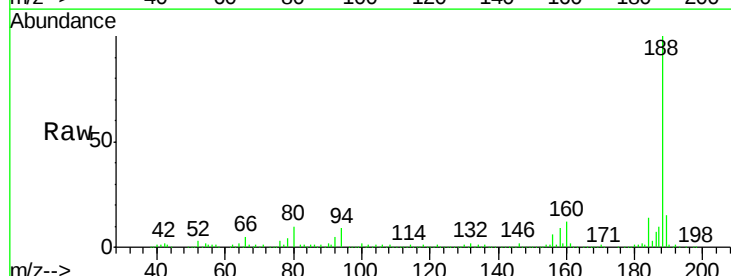


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

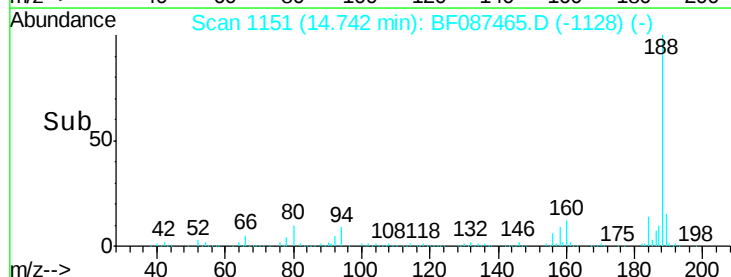
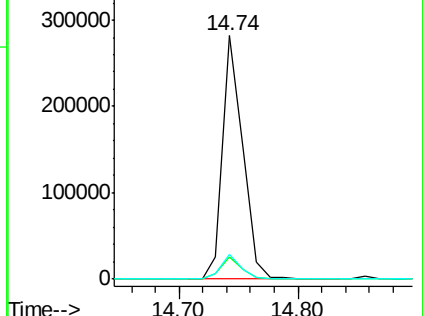


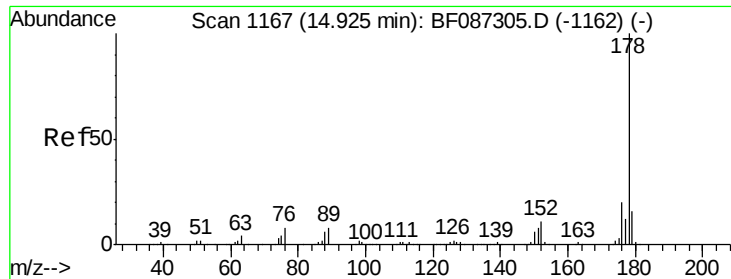
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF087465.D
Acq: 28 May 2016 3:46

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	329381		
94	9.3	6.8	10.2	
80	10.3	7.1	10.7	



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

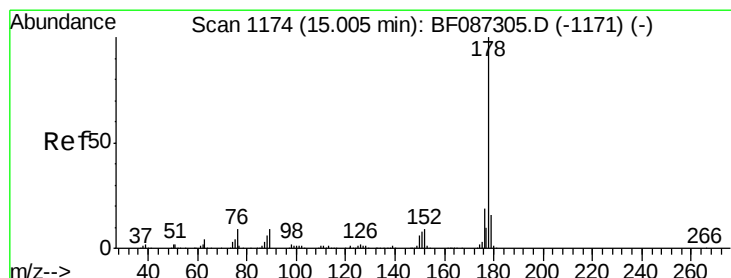
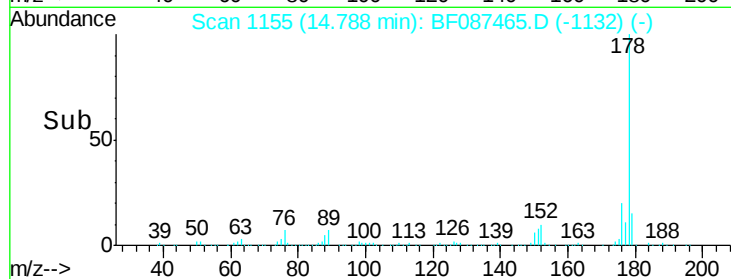
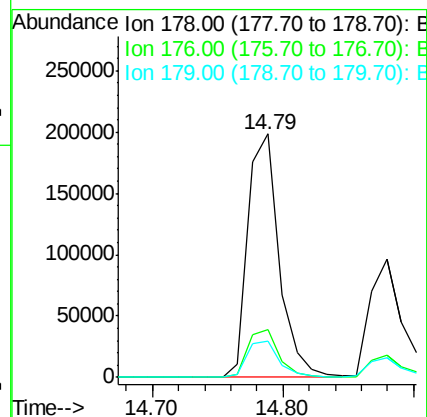
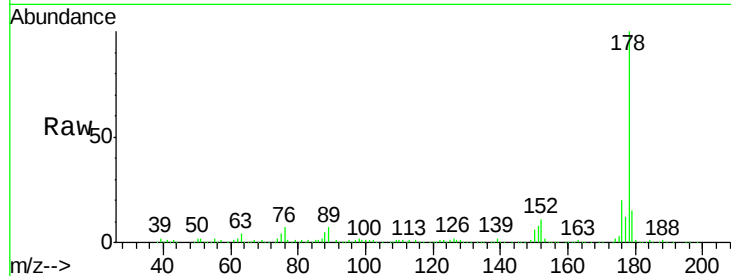




#70
Phenanthrene
Concen: 18.18 ng
RT: 14.79 min Scan# 1155
Delta R.T. -0.03 min
Lab File: BF087465.D
Acq: 28 May 2016 3:46

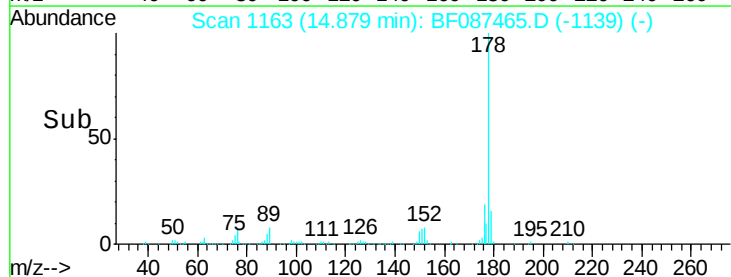
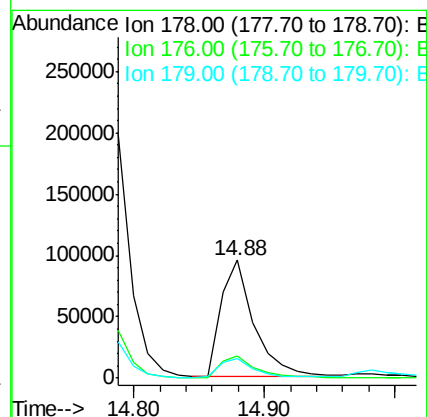
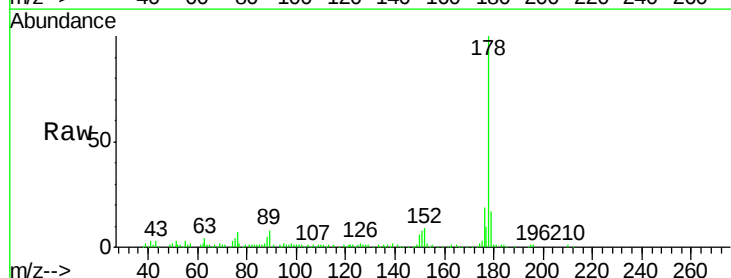
Instrument :
BNA_F
ClientSampleId :
GM-SP-(0-4)

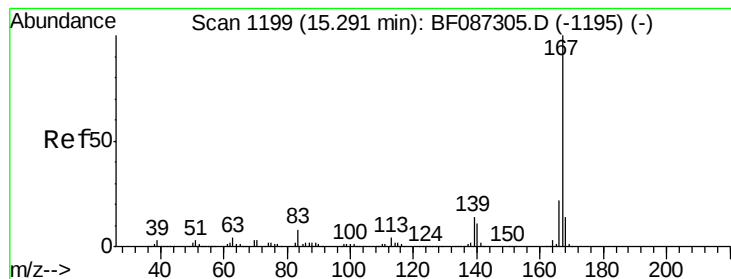
Tgt Ion:178 Resp: 331671
Ion Ratio Lower Upper
178 100
176 19.7 16.0 24.0
179 15.1 12.6 18.8



#71
Anthracene
Concen: 9.12 ng
RT: 14.88 min Scan# 1163
Delta R.T. -0.02 min
Lab File: BF087465.D
Acq: 28 May 2016 3:46

Tgt Ion:178 Resp: 168182
Ion Ratio Lower Upper
178 100
176 18.6 15.6 23.4
179 16.8 12.7 19.1





#72

Carbazole

Concen: 3.28 ng

RT: 15.18 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF087465.D

Acq: 28 May 2016 3:46

Instrument :

BNA_F

ClientSampleId :

GM-SP-(0-4)

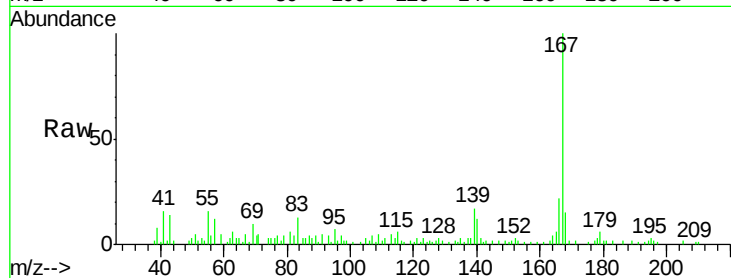
Tgt Ion:167 Resp: 51583

Ion Ratio Lower Upper

167 100

166 22.3 17.7 26.5

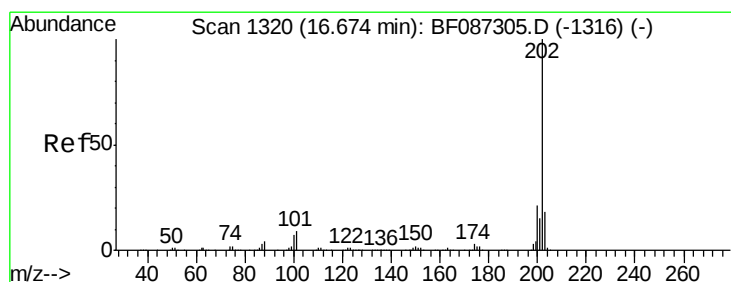
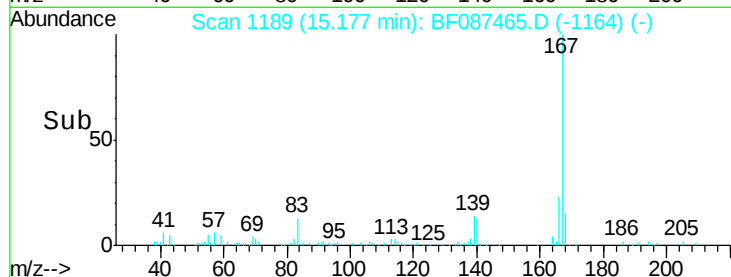
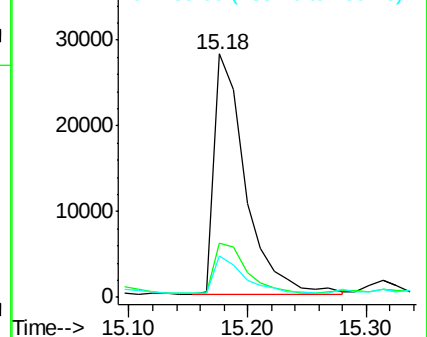
139 16.8 10.8 16.2#



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: 47.07 ng

RT: 16.55 min Scan# 1309

Delta R.T. -0.03 min

Lab File: BF087465.D

Acq: 28 May 2016 3:46

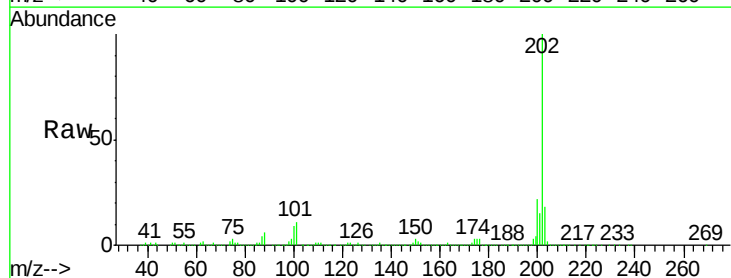
Tgt Ion:202 Resp: 861158

Ion Ratio Lower Upper

202 100

101 11.2 0.0 35.4

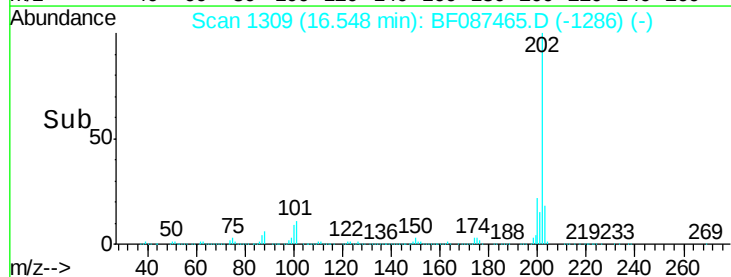
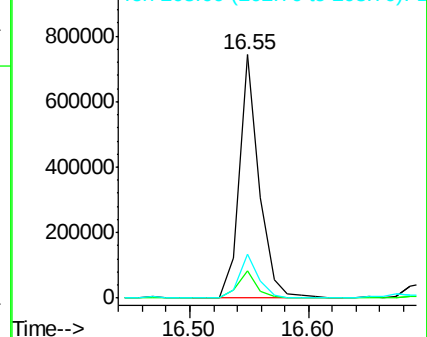
203 18.3 0.0 38.1

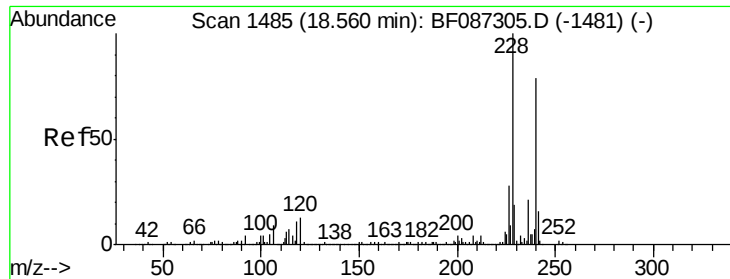


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.45 min Scan# 1475

Delta R.T. -0.03 min

Lab File: BF087465.D

Acq: 28 May 2016 3:46

Instrument :

BNA_F

ClientSampled :

GM-SP-(0-4)

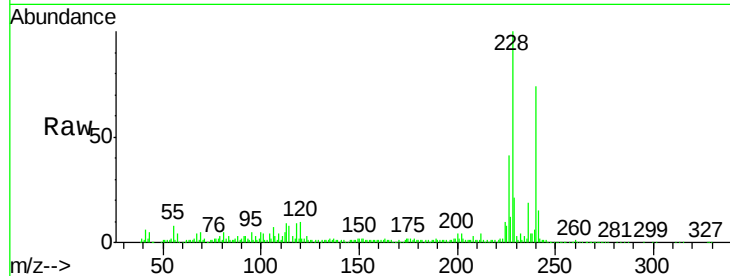
Tgt Ion:240 Resp: 230703

Ion Ratio Lower Upper

240 100

120 13.5 11.2 16.8

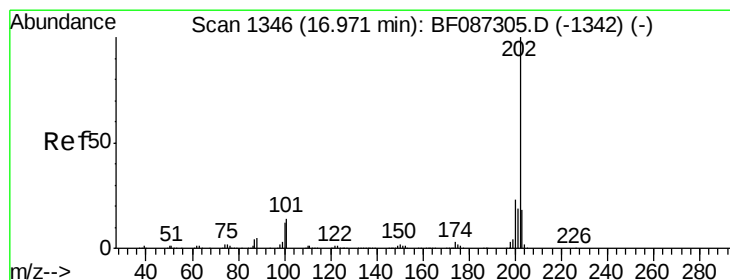
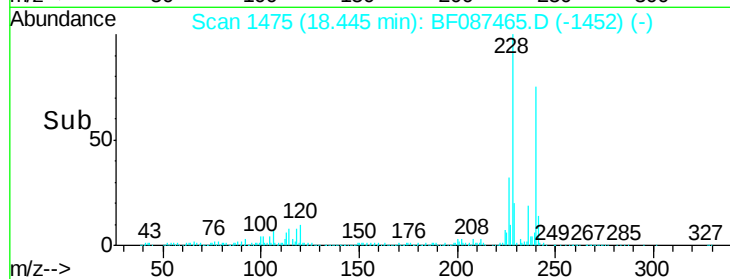
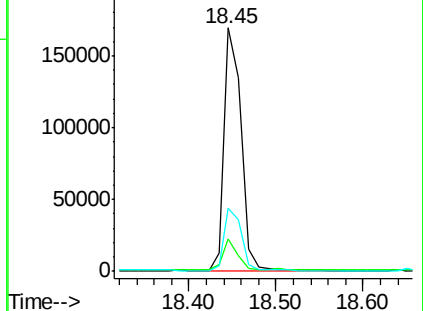
236 26.2 21.2 31.8



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: 46.88 ng

RT: 16.86 min Scan# 1336

Delta R.T. -0.02 min

Lab File: BF087465.D

Acq: 28 May 2016 3:46

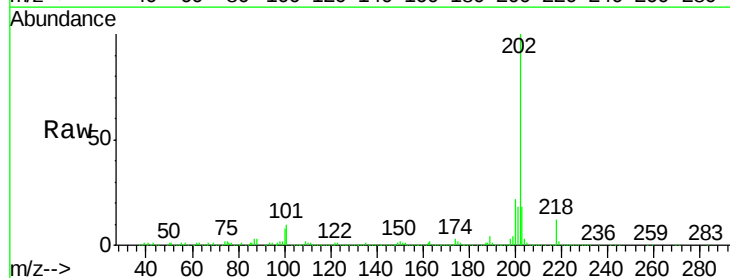
Tgt Ion:202 Resp: 778458

Ion Ratio Lower Upper

202 100

200 21.7 17.7 26.5

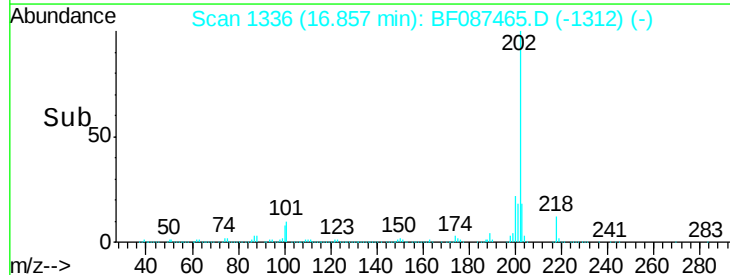
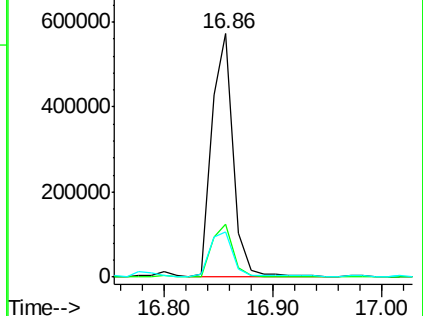
203 18.5 14.2 21.4

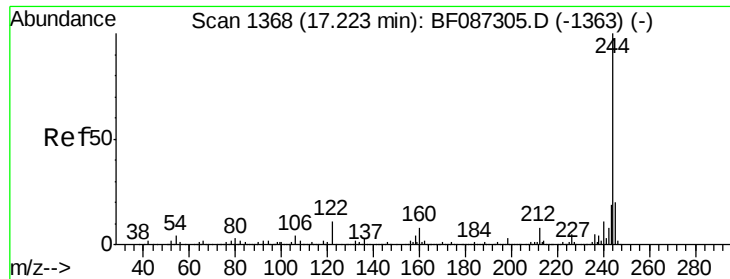


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 58.52 ng

RT: 17.10 min Scan# 1357

Delta R.T. -0.03 min

Lab File: BF087465.D

Acq: 28 May 2016 3:46

Instrument :

BNA_F

ClientSampleId :

GM-SP-(0-4)

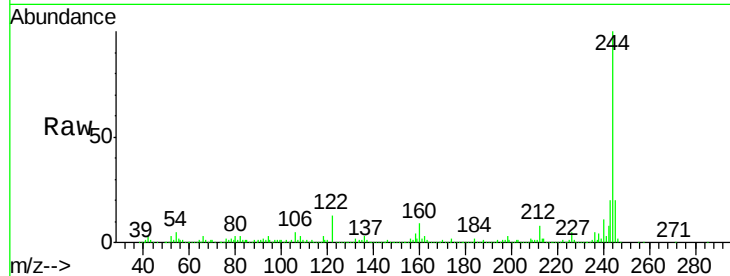
Tgt Ion:244 Resp: 635009

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

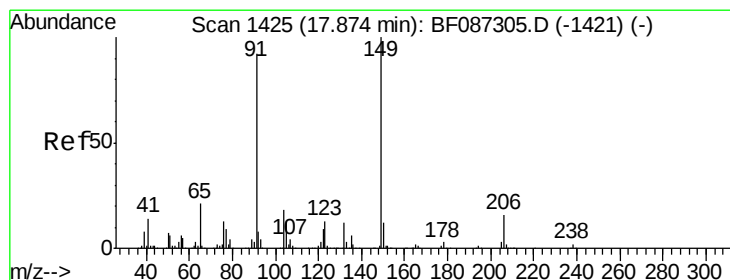
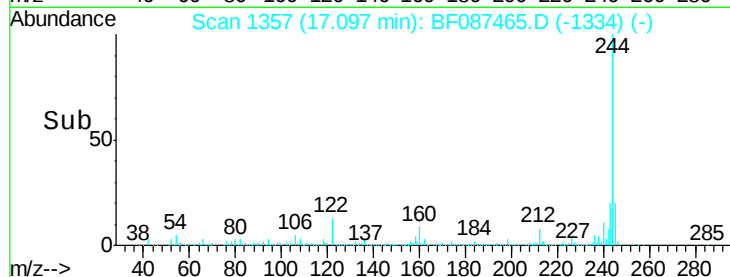
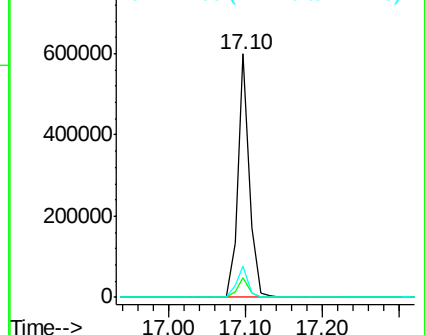
122 12.8 12.0 18.0



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



#79

Butylbenzylphthalate

Concen: 4.97 ng

RT: 17.76 min Scan# 1415

Delta R.T. -0.03 min

Lab File: BF087465.D

Acq: 28 May 2016 3:46

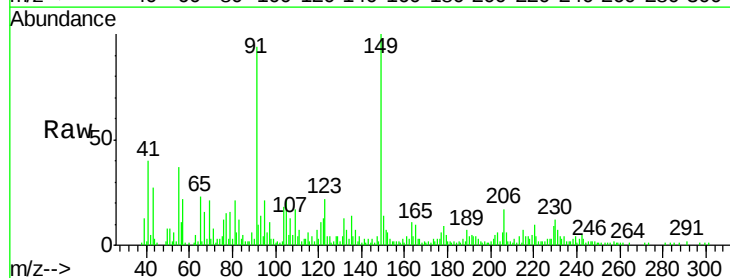
Tgt Ion:149 Resp: 36595

Ion Ratio Lower Upper

149 100

91 94.2 48.0 72.0#

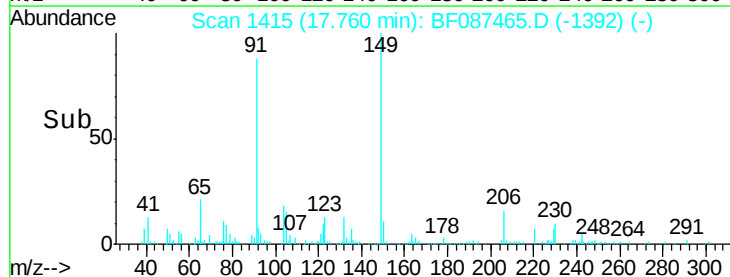
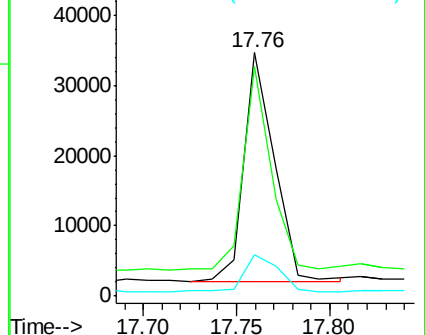
206 17.2 15.8 23.6

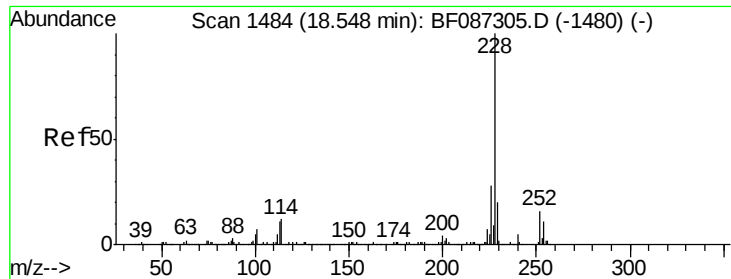


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 32.31 ng

RT: 18.43 min Scan# 1474

Delta R.T. -0.02 min

Lab File: BF087465.D

Acq: 28 May 2016 3:46

Instrument :

BNA_F

ClientSampleId :

GM-SP-(0-4)

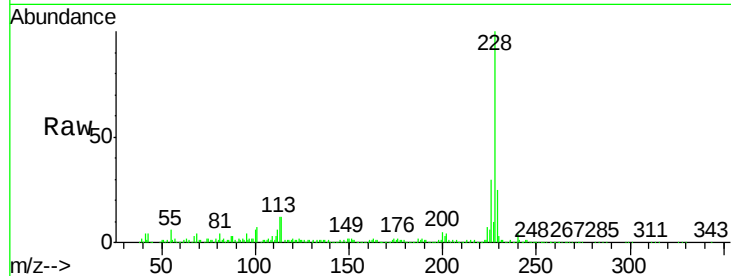
Tgt Ion:228 Resp: 424044

Ion Ratio Lower Upper

228 100

226 29.6 22.5 33.7

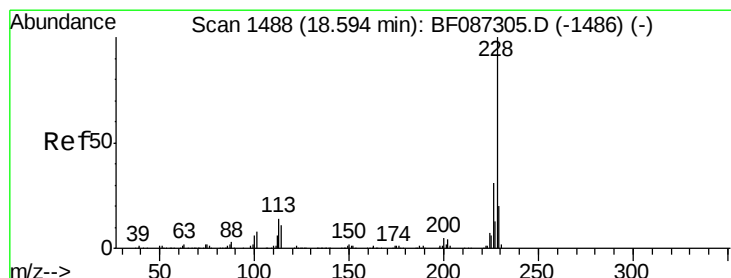
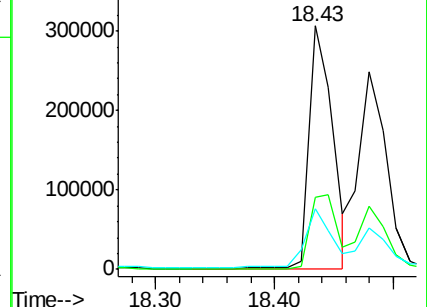
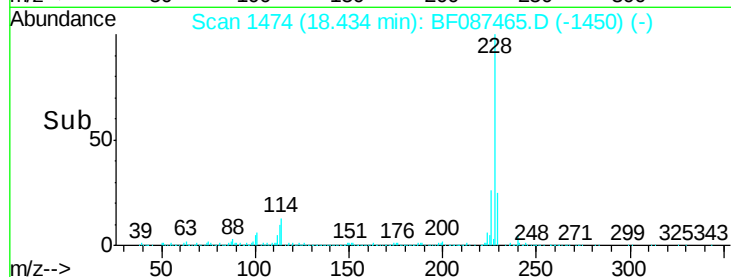
229 24.9 16.6 25.0



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: 30.73 ng

RT: 18.48 min Scan# 1478

Delta R.T. -0.03 min

Lab File: BF087465.D

Acq: 28 May 2016 3:46

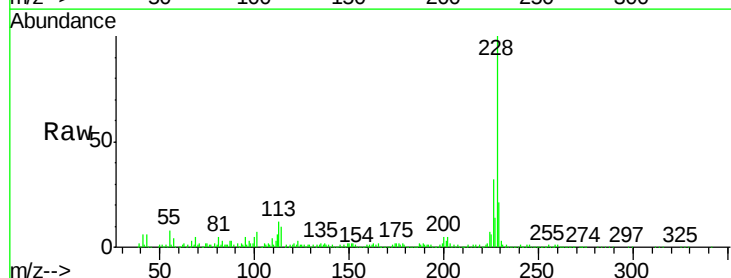
Tgt Ion:228 Resp: 400192

Ion Ratio Lower Upper

228 100

226 31.9 24.4 36.6

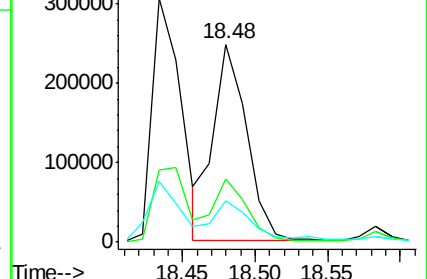
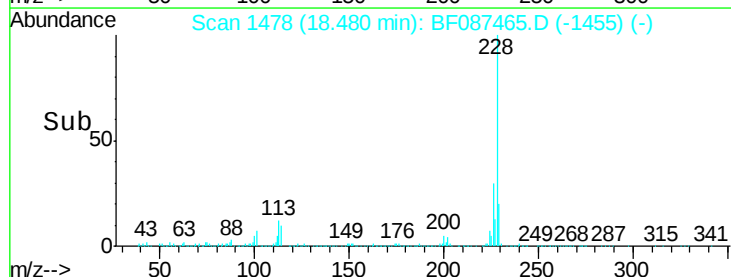
229 21.0 15.8 23.8

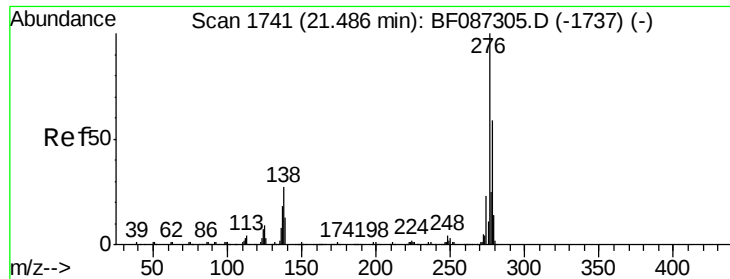


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

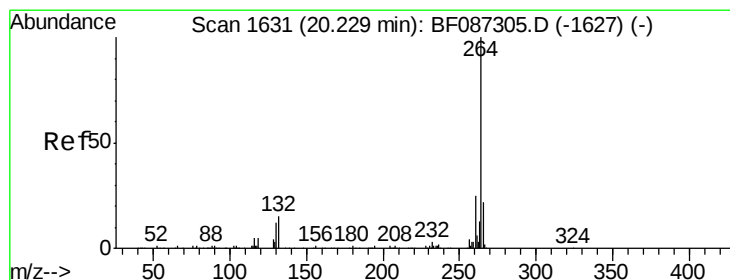
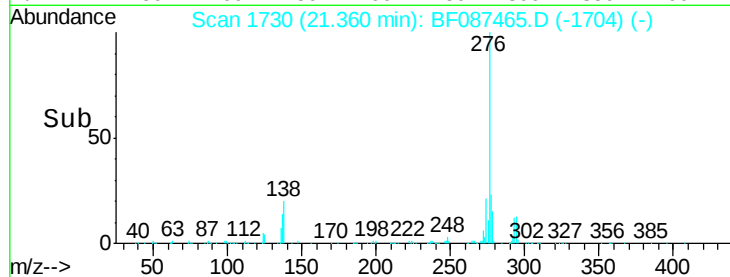
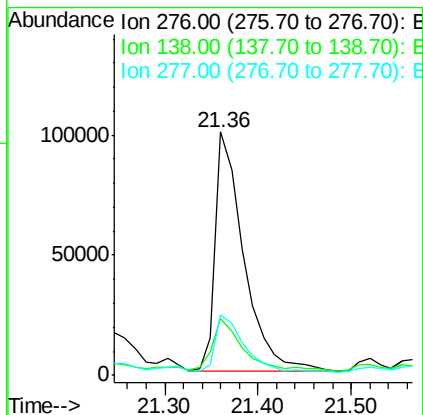
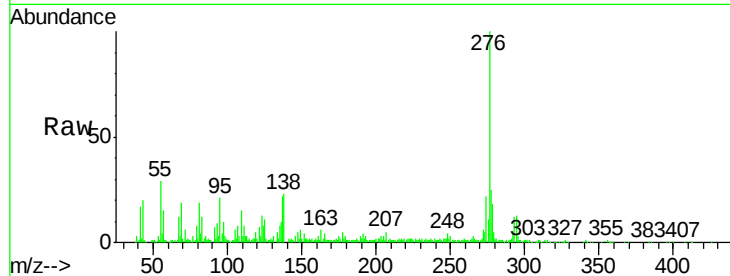




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 20.25 ng
 RT: 21.36 min Scan# 1730
 Delta R.T. -0.00 min
 Lab File: BF087465.D
 Acq: 28 May 2016 3:46

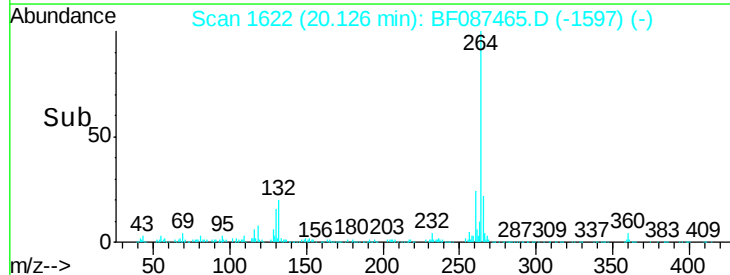
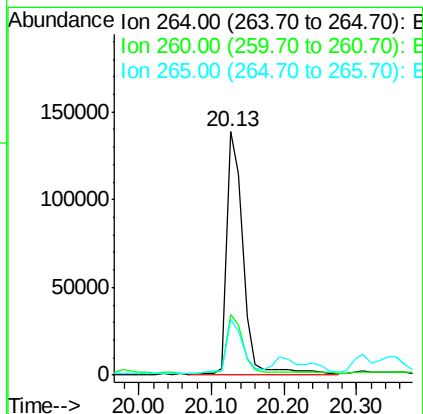
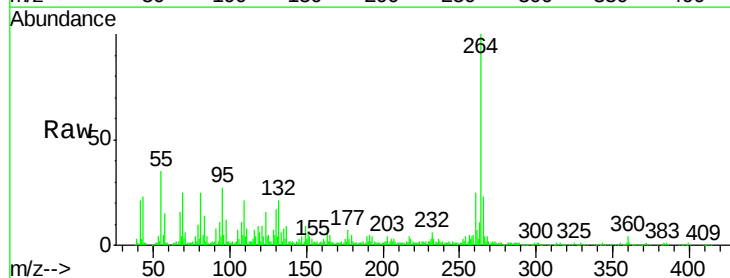
Instrument :
 BNA_F
 ClientSampleId :
 GM-SP-(0-4)

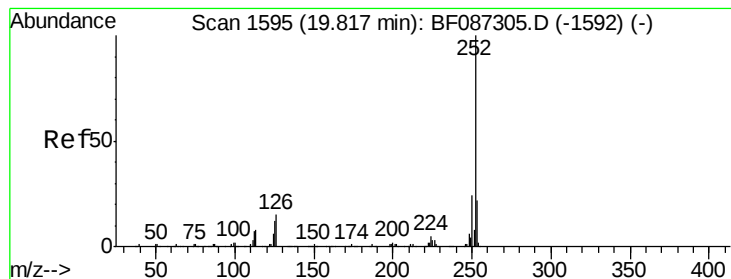
Tgt Ion: 276 Resp: 211450
 Ion Ratio Lower Upper
 276 100
 138 22.9 25.6 38.4#
 277 23.5 20.5 30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.13 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BF087465.D
 Acq: 28 May 2016 3:46

Tgt Ion: 264 Resp: 214528
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.5 29.3
 265 22.6 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 56.87 ng

RT: 19.73 min Scan# 1587

Delta R.T. -0.00 min

Lab File: BF087465.D

Acq: 28 May 2016 3:46

Instrument :

BNA_F

ClientSampleId :

GM-SP-(0-4)

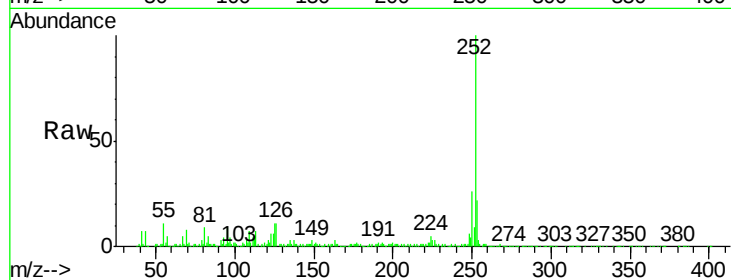
Tgt Ion:252 Resp: 777132

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

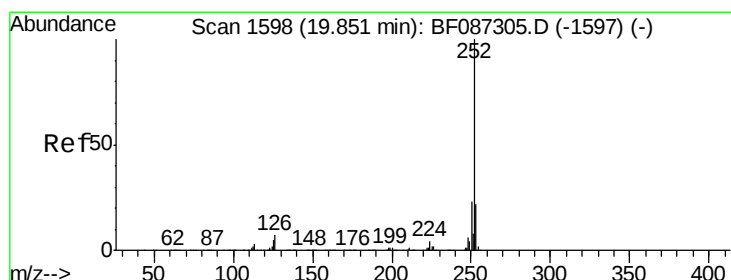
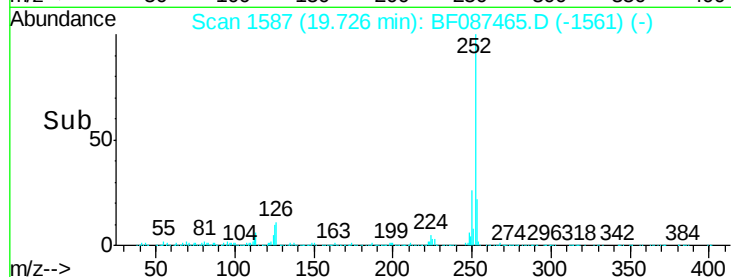
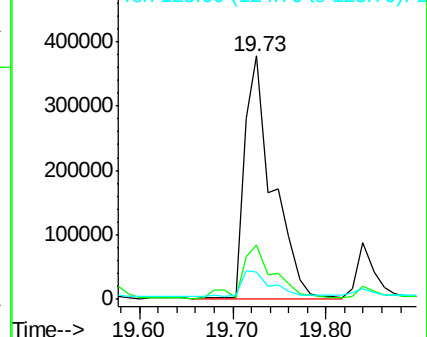
125 11.3 11.4 17.0#



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



#88

Benzo(k)fluoranthene

Concen: 66.07 ng

RT: 19.73 min Scan# 1587

Delta R.T. -0.03 min

Lab File: BF087465.D

Acq: 28 May 2016 3:46

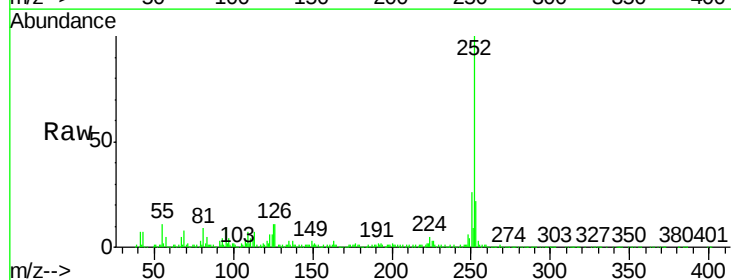
Tgt Ion:252 Resp: 777132

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

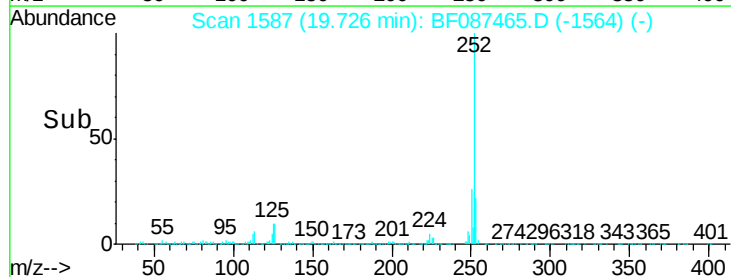
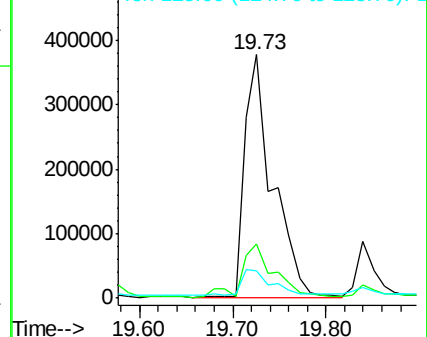
125 11.3 9.1 13.7

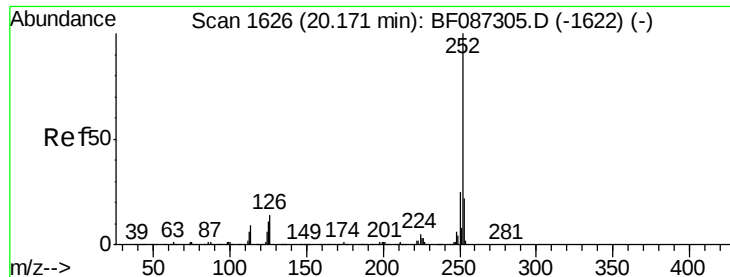


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 26.77 ng

RT: 20.08 min Scan# 1618

Delta R.T. -0.00 min

Lab File: BF087465.D

Acq: 28 May 2016 3:46

Instrument :

BNA_F

ClientSampleId :

GM-SP-(0-4)

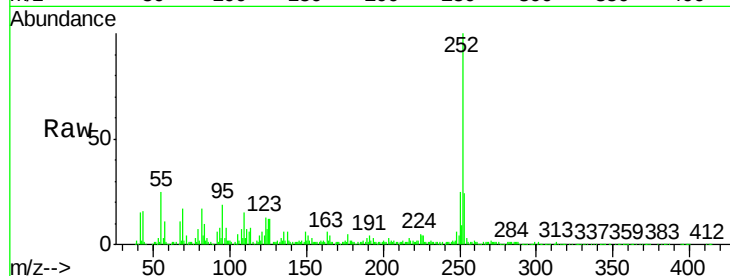
Tgt Ion:252 Resp: 316439

Ion Ratio Lower Upper

252 100

253 24.3 17.2 25.8

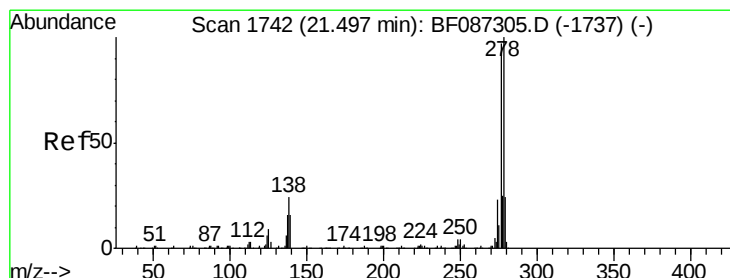
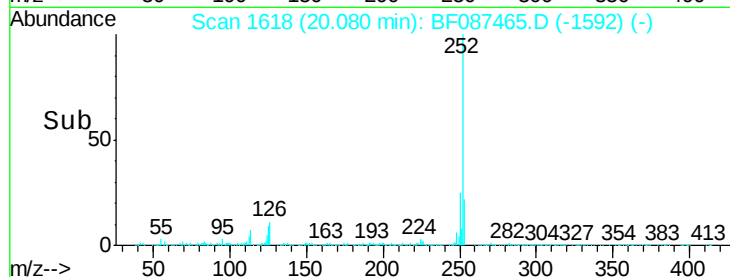
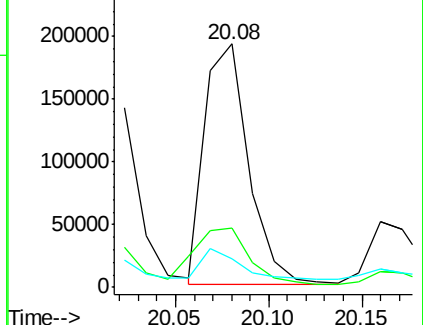
125 11.6 9.0 13.6



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: 4.67 ng

RT: 21.37 min Scan# 1731

Delta R.T. 0.01 min

Lab File: BF087465.D

Acq: 28 May 2016 3:46

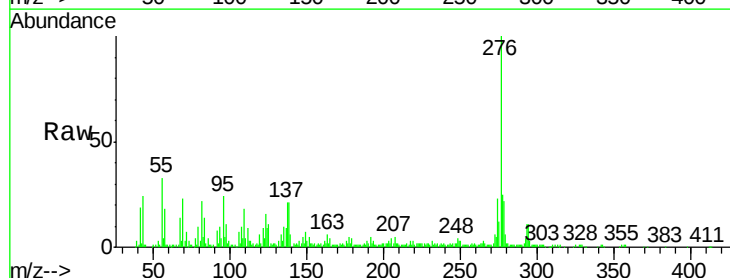
Tgt Ion:278 Resp: 47056

Ion Ratio Lower Upper

278 100

139 25.7 16.6 24.8#

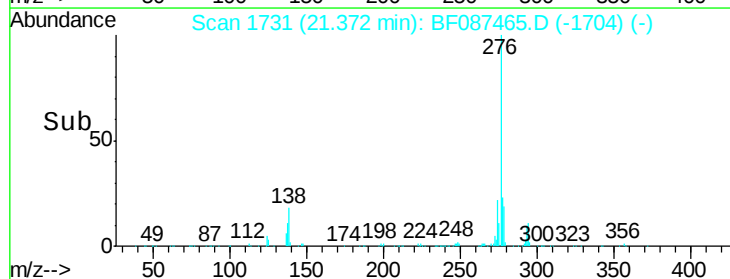
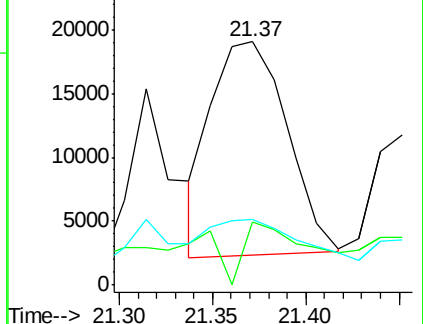
279 26.9 19.6 29.4

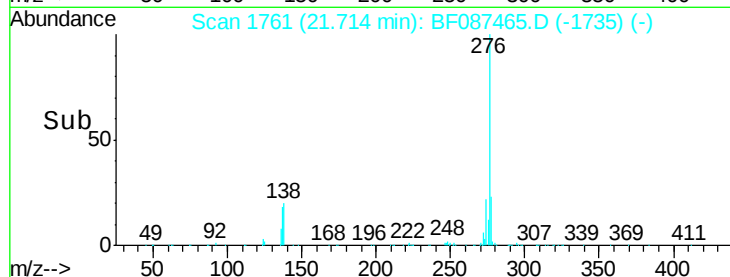
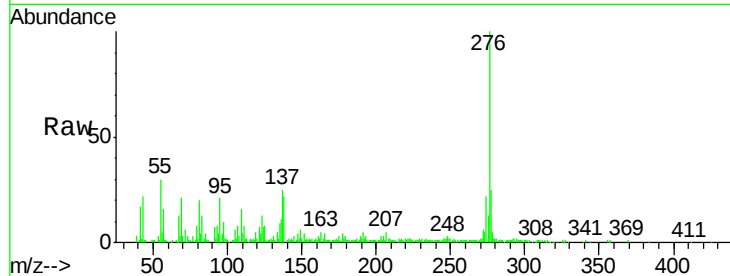
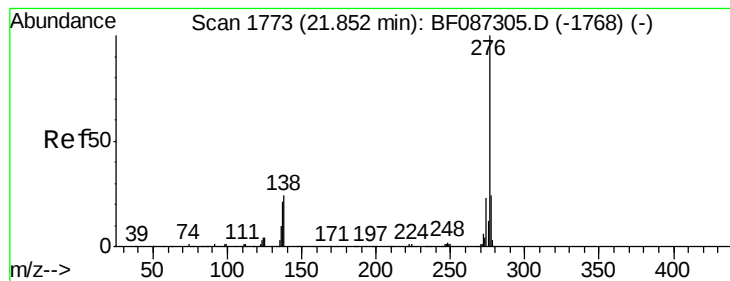


Abundance Ion 278.00 (277.70 to 278.70): E

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: 18.48 ng

RT: 21.71 min Scan# 1761

Delta R.T. -0.00 min

Lab File: BF087465.D

Acq: 28 May 2016 3:46

Instrument :

BNA_F

ClientSampleId :

GM-SP-(0-4)

Tgt Ion: 276 Resp: 183803

Ion Ratio Lower Upper

276 100

277 24.8 19.6 29.4

138 22.1 23.6 35.4#

