

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120815\
 Data File : BF083613.D
 Acq On : 9 Dec 2015 00:20
 Operator : UM/IZ
 Sample : G4637-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PCPY2A

Quant Time: Dec 09 01:29:33 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 00:23:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.70	152	154847	20.00	ng	0.00
21) Naphthalene-d8	7.60	136	583357	20.00	ng	-0.01
38) Acenaphthene-d10	10.38	164	268514	20.00	ng	0.00
63) Phenanthrene-d10	12.78	188	416276	20.00	ng	0.00
75) Chrysene-d12	16.99	240	287113	20.00	ng	0.00
86) Perylene-d12	18.64	264	295635	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.00	112	1206040	118.13	ng	0.02
7) Phenol-d6	5.28	99	1597717	117.12	ng	0.00
23) Nitrobenzene-d5	6.53	82	1001361	80.10	ng	0.00
41) 2,4,6-Tribromophenol	11.68	330	259095	108.31	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	1385287	72.61	ng	0.00
78) Terphenyl-d14	15.40	244	758312	62.14	ng	-0.01

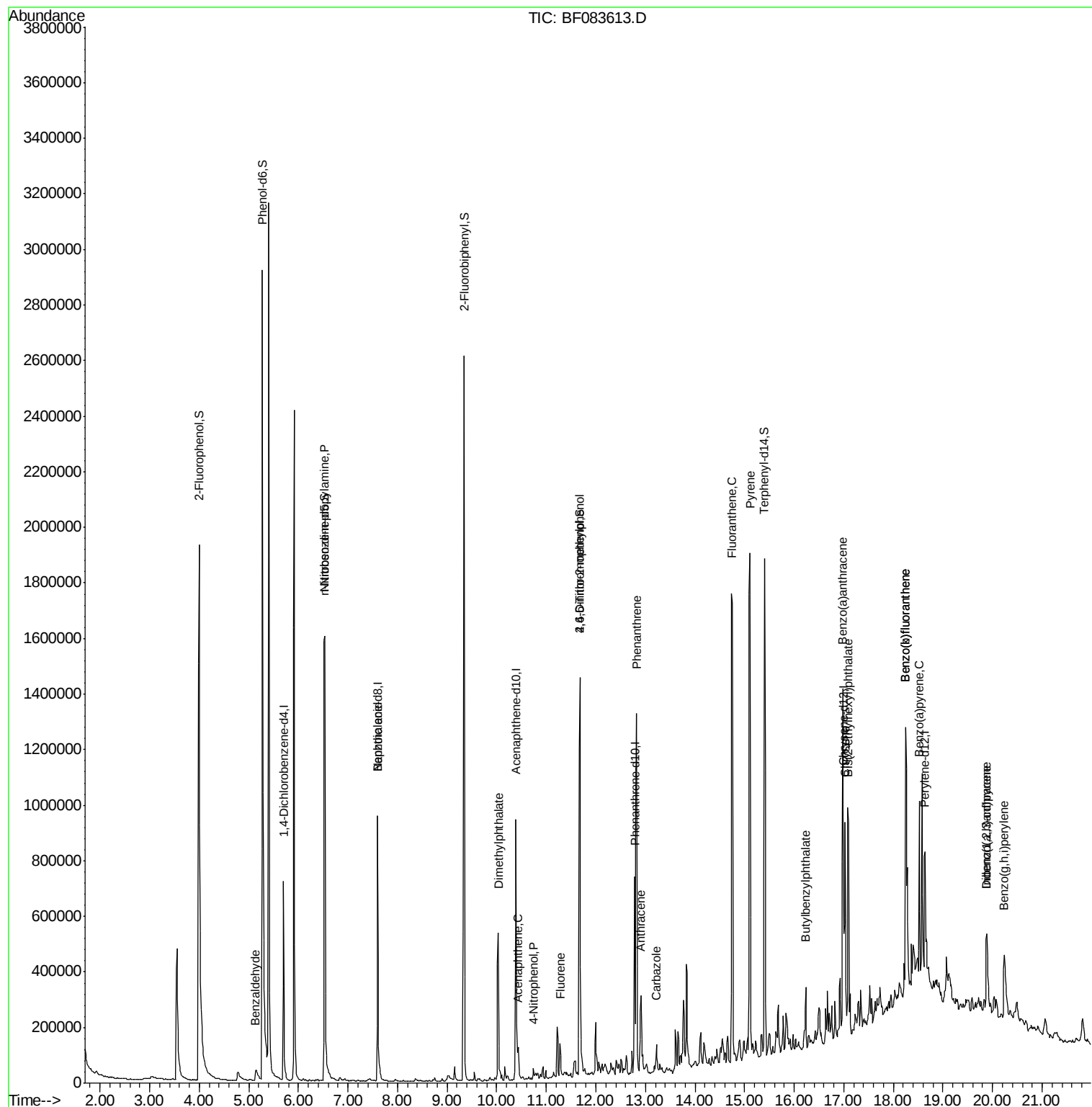
Target Compounds						Qvalue
9) Benzaldehyde	5.14	77	33368	4.04	ng	94
19) n-Nitroso-di-n-propylamine	6.52	70	127049	13.34	ng	# 83
32) Benzoic acid	7.60	122	719	3.15	ng	# 1
49) Dimethylphthalate	10.03	163	343733	16.08	ng	98
51) Acenaphthene	10.43	154	44112	2.65	ng	97
55) 4-Nitrophenol	10.74	139	9428	4.57	ng	# 5
57) Fluorene	11.28	166	44812	2.23	ng	93
64) 4,6-Dinitro-2-methylphenol	11.68	198	441	2.10	ng	# 1
70) Phenanthrene	12.82	178	782092	32.70	ng	100
71) Anthracene	12.91	178	168797	6.81	ng	96
72) Carbazole	13.22	167	79968	3.76	ng	99
74) Fluoranthene	14.75	202	1209075	49.42	ng	98
77) Pyrene	15.11	202	1000188	48.39	ng	97
79) Butylbenzylphthalate	16.24	149	67641	7.37	ng	97
80) Benzo(a)anthracene	16.98	228	517828	30.81	ng	96
82) Chrysene	17.03	228	419428	24.90	ng	98
83) Bis(2-ethylhexyl)phthalate	17.09	149	328591	25.80	ng	99
85) Indeno(1,2,3-cd)pyrene	19.88	276	250963	22.07	ng	# 100
87) Benzo(b)fluoranthene	18.25	252	787798	46.80	ng	# 97
88) Benzo(k)fluoranthene	18.25	252	787798	42.47	ng	98
89) Benzo(a)pyrene	18.52	252	282096	17.17	ng	98
90) Dibenzo(a,h)anthracene	19.88	278	85495	6.81	ng	# 83
91) Benzo(g,h,i)perylene	20.24	276	227894	18.61	ng	97

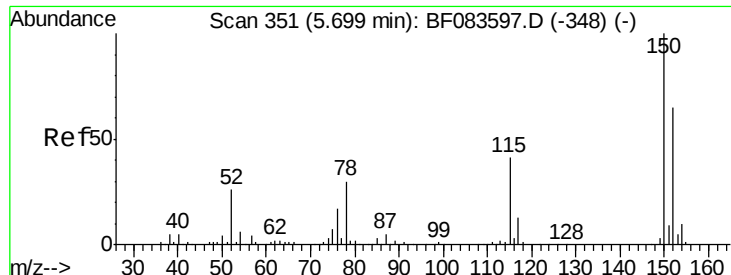
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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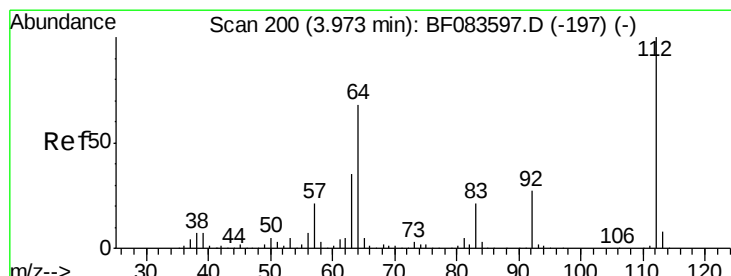
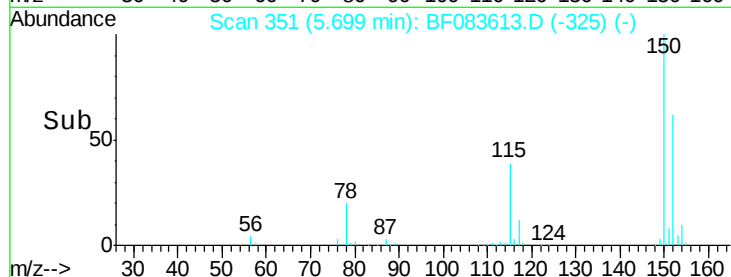
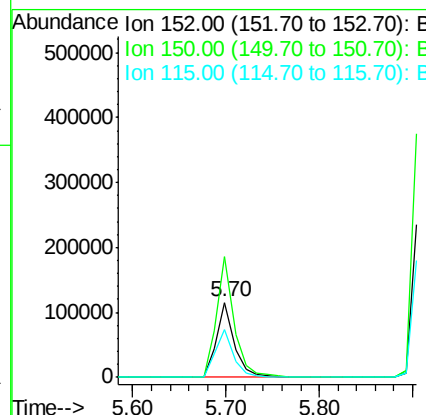
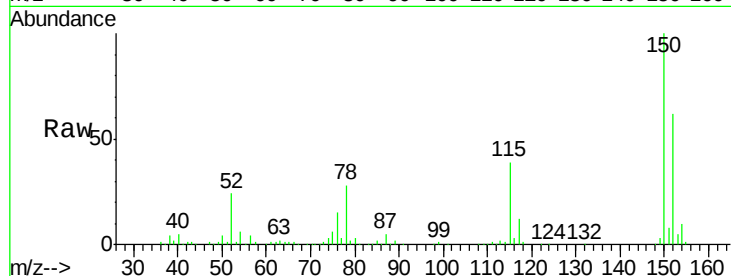




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.70 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: BF083613.D
 Acq: 9 Dec 2015 00:20

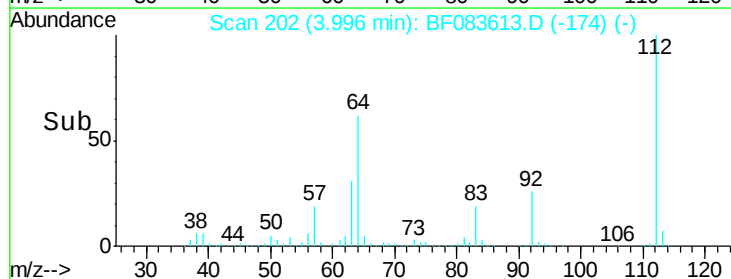
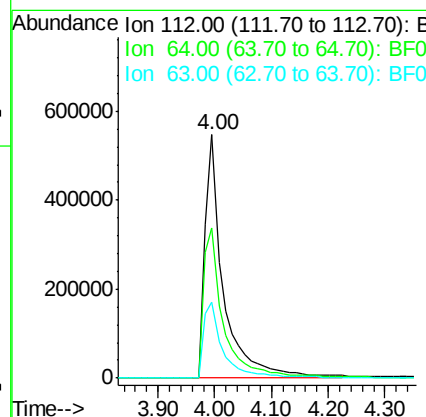
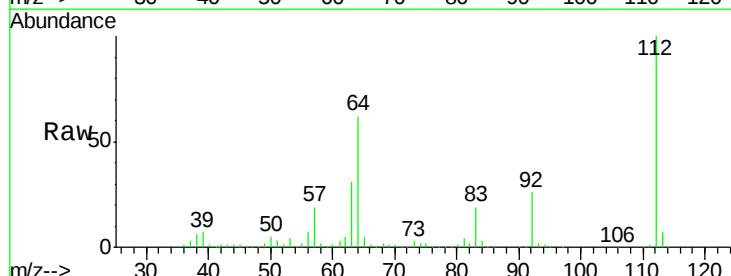
Instrument :
 BNA_F
 ClientSampleId :
 PCPY2A

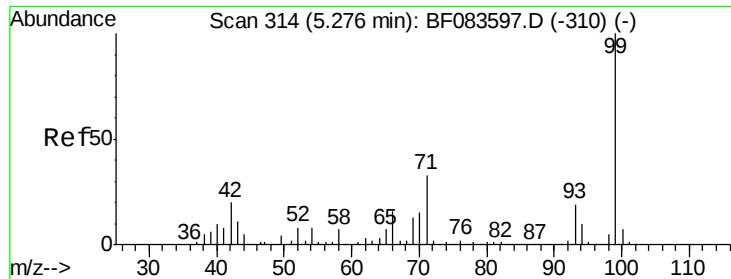
Tgt Ion:152 Resp: 154847
 Ion Ratio Lower Upper
 152 100
 150 160.1 126.5 189.7
 115 62.7 52.3 78.5



#5
 2-Fluorophenol
 Concen: 118.13 ng
 RT: 4.00 min Scan# 202
 Delta R.T. 0.02 min
 Lab File: BF083613.D
 Acq: 9 Dec 2015 00:20

Tgt Ion:112 Resp: 1206040
 Ion Ratio Lower Upper
 112 100
 64 61.9 50.5 75.7
 63 31.2 25.8 38.6





#7

Phenol-d6

Concen: 117.12 ng

RT: 5.28 min Scan# 314

Delta R.T. 0.00 min

Lab File: BF083613.D

Acq: 9 Dec 2015 00:20

Instrument :

BNA_F

ClientSampled :

PCPY2A

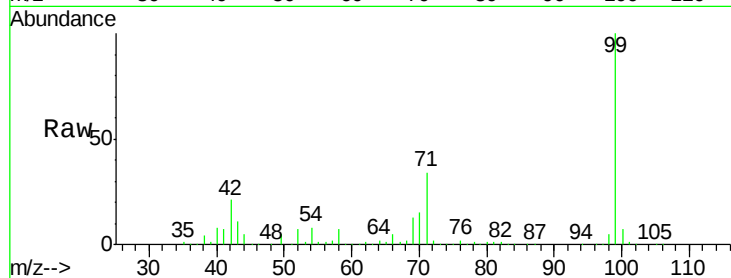
Tgt Ion: 99 Resp: 1597717

Ion Ratio Lower Upper

99 100

42 20.9 17.3 25.9

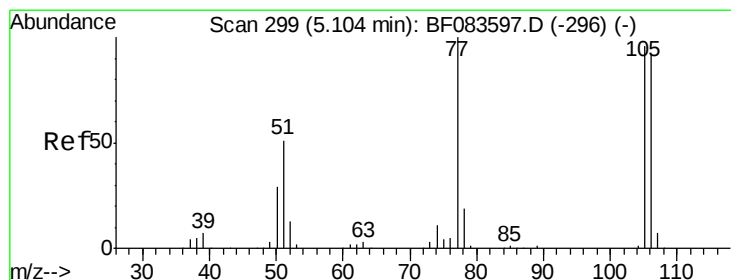
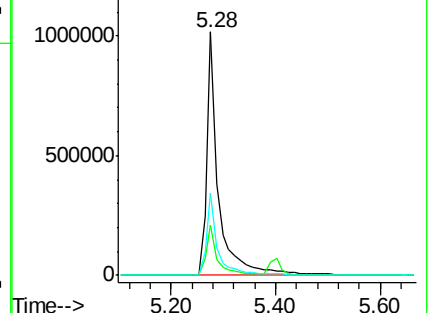
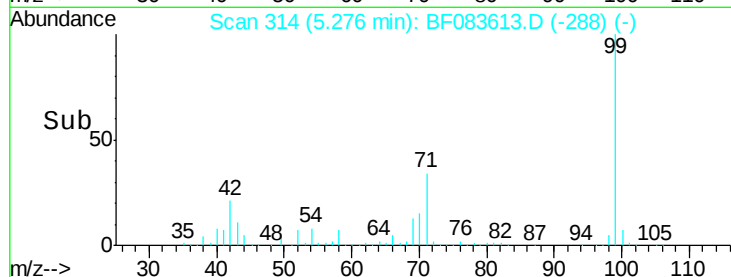
71 33.9 26.6 40.0



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



#9

Benzaldehyde

Concen: 4.04 ng

RT: 5.14 min Scan# 302

Delta R.T. 0.03 min

Lab File: BF083613.D

Acq: 9 Dec 2015 00:20

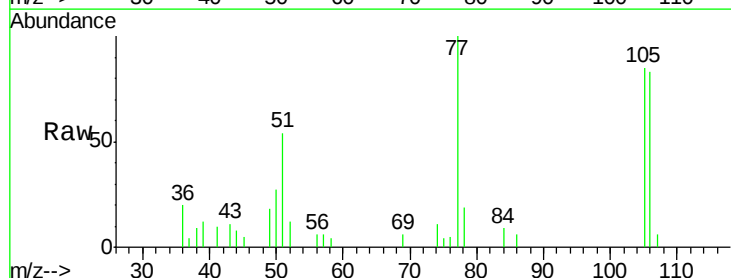
Tgt Ion: 77 Resp: 33368

Ion Ratio Lower Upper

77 100

105 84.8 71.8 111.8

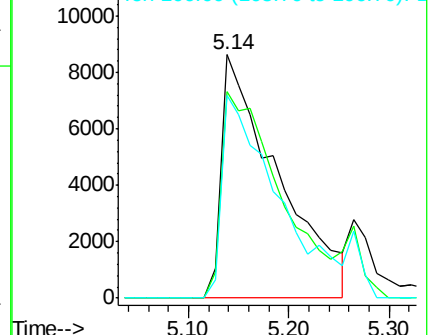
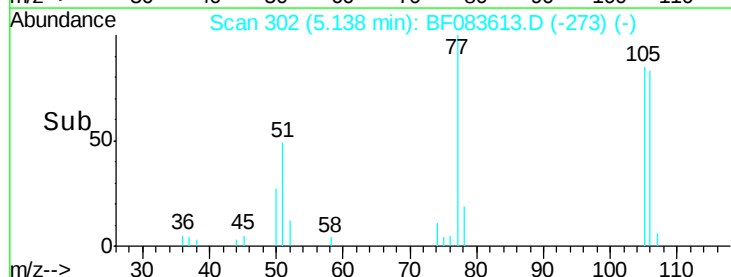
106 83.1 66.8 106.8

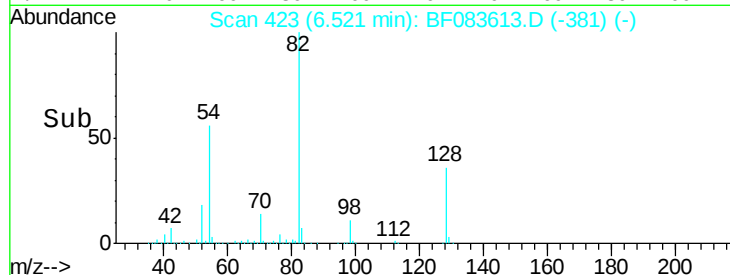
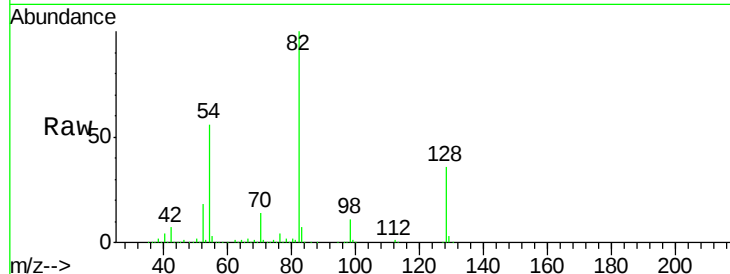
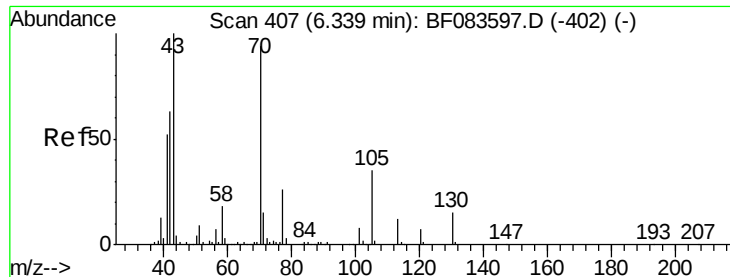


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0

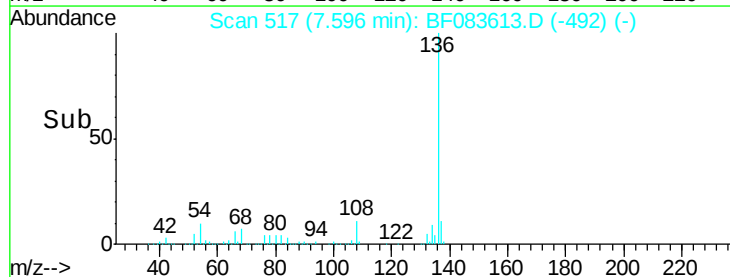
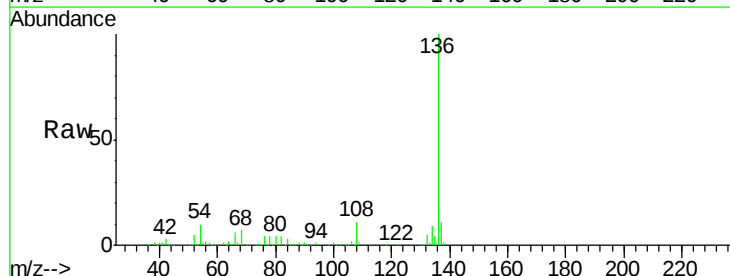
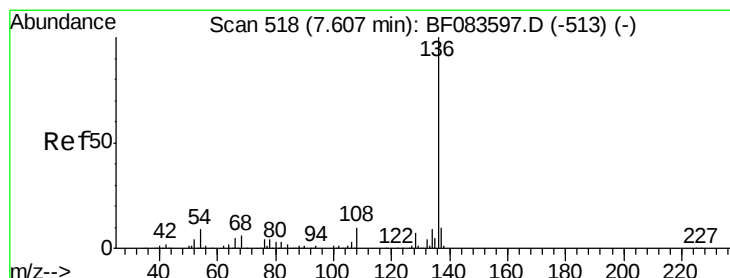
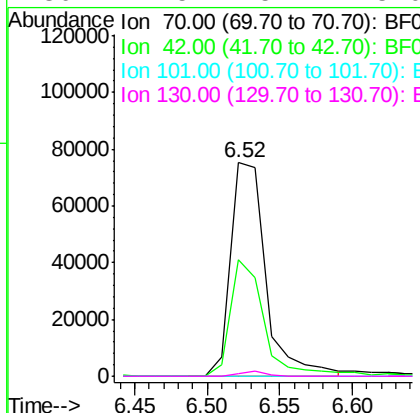




#19
n-Nitroso-di-n-propylamine
Concen: 13.34 ng
RT: 6.52 min Scan# 423
Delta R.T. 0.18 min
Lab File: BF083613.D
Acq: 9 Dec 2015 00:20

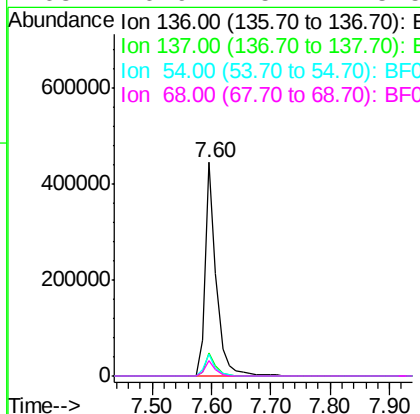
Instrument :
BNA_F
ClientSampleId :
PCPY2A

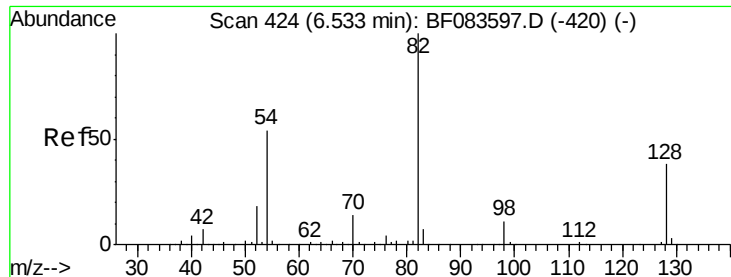
Tgt Ion: 70 Resp: 127049
Ion Ratio Lower Upper
70 100
42 54.5 49.2 73.8
101 0.0 7.1 10.7#
130 1.5 15.4 23.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.60 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF083613.D
Acq: 9 Dec 2015 00:20

Tgt Ion: 136 Resp: 583357
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 10.3 7.8 11.6
68 6.9 5.7 8.5

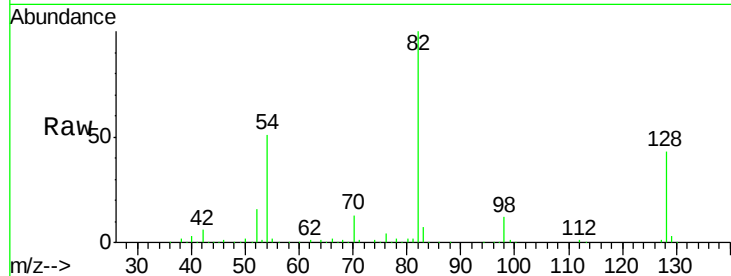




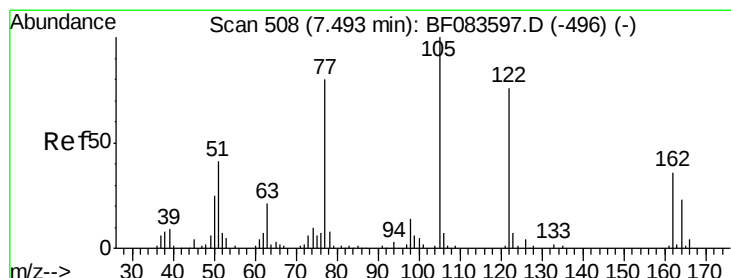
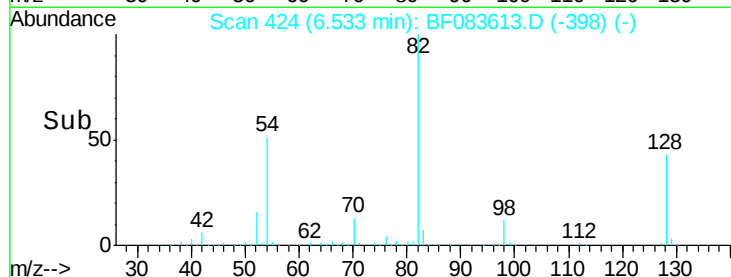
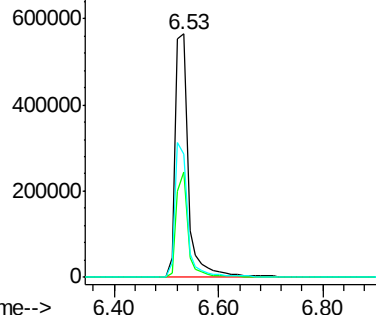
#23
 Nitrobenzene-d5
 Concen: 80.10 ng
 RT: 6.53 min Scan# 424
 Delta R.T. 0.00 min
 Lab File: BF083613.D
 Acq: 9 Dec 2015 00:20

Instrument :
 BNA_F
 ClientSampleId :
 PCPY2A

Tgt Ion: 82 Resp: 1001361
 Ion Ratio Lower Upper
 82 100
 128 43.5 30.7 46.1
 54 50.6 42.5 63.7

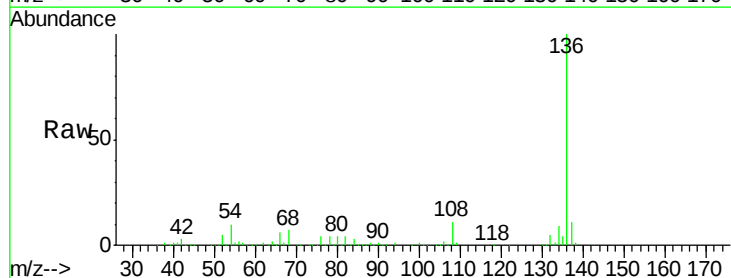


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

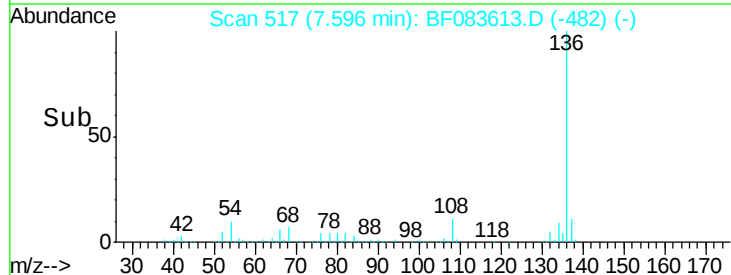
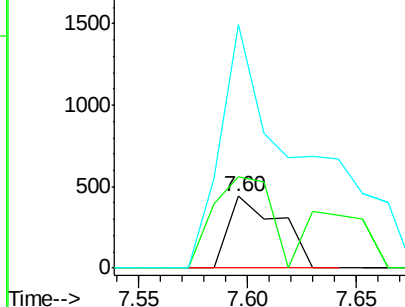


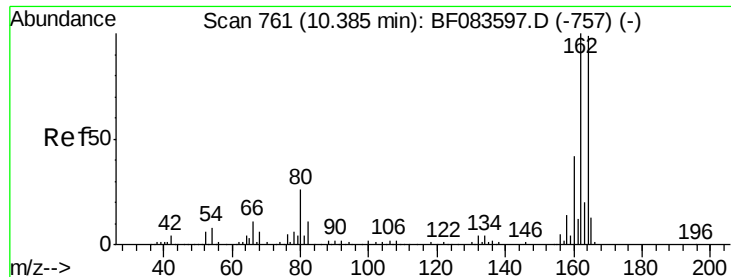
#32
 Benzoic acid
 Concen: 3.15 ng
 RT: 7.60 min Scan# 517
 Delta R.T. 0.10 min
 Lab File: BF083613.D
 Acq: 9 Dec 2015 00:20

Tgt Ion: 122 Resp: 719
 Ion Ratio Lower Upper
 122 100
 105 126.2 105.6 145.6
 77 338.2 86.8 126.8#



Abundance Ion 122.00 (121.70 to 122.70): B
 Ion 105.00 (104.70 to 105.70): B
 Ion 77.00 (76.70 to 77.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.38 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF083613.D

Acq: 9 Dec 2015 00:20

Instrument :

BNA_F

ClientSampleId :

PCPY2A

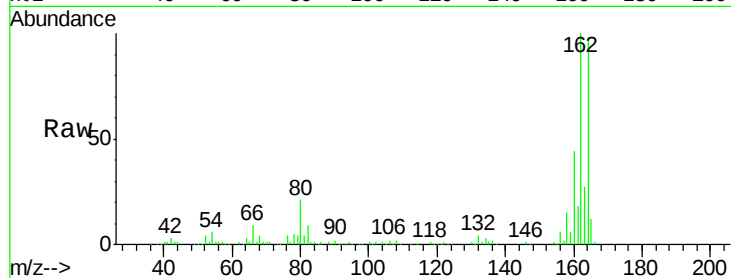
Tgt Ion:164 Resp: 268514

Ion Ratio Lower Upper

164 100

162 102.0 78.8 118.2

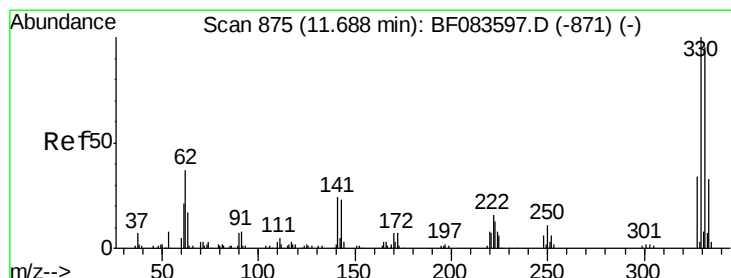
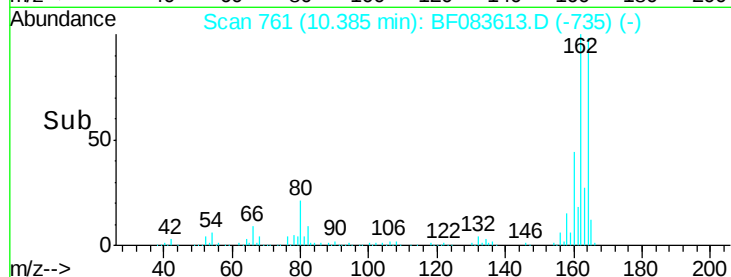
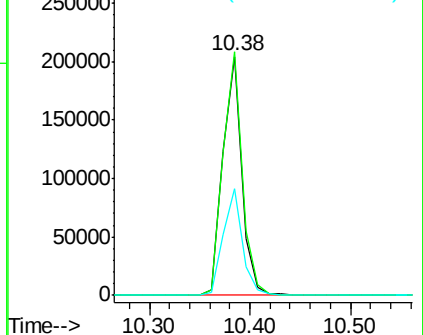
160 44.8 33.4 50.2



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: 108.31 ng

RT: 11.68 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF083613.D

Acq: 9 Dec 2015 00:20

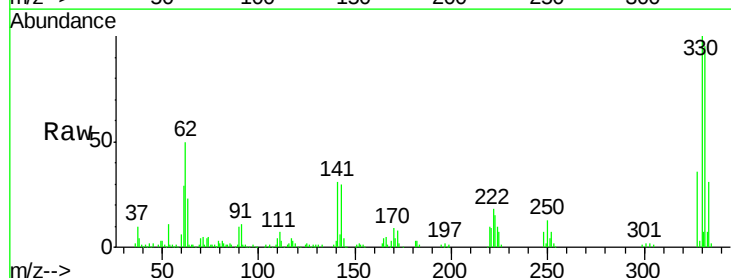
Tgt Ion:330 Resp: 259095

Ion Ratio Lower Upper

330 100

332 95.1 0.0 0.0#

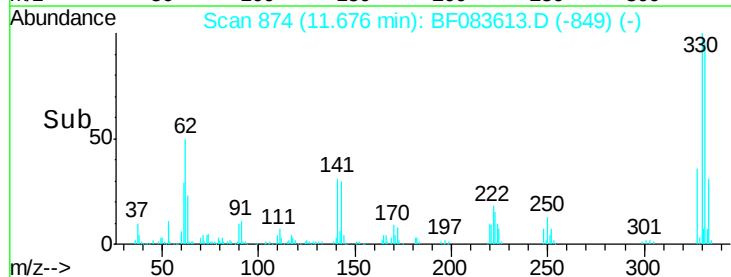
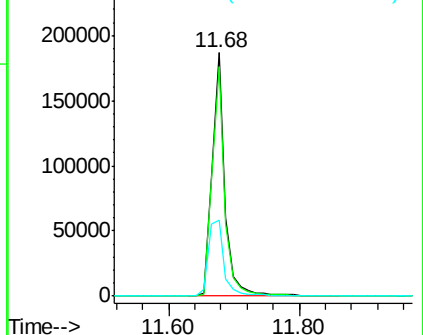
141 38.7 0.0 0.0#

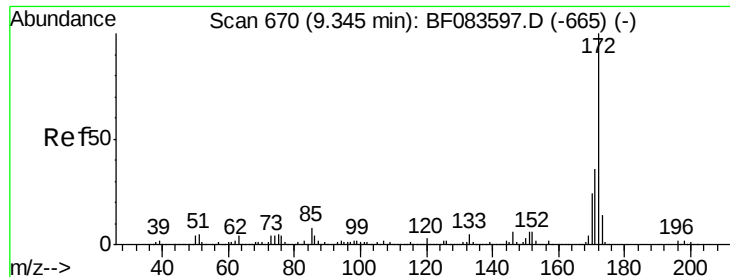


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

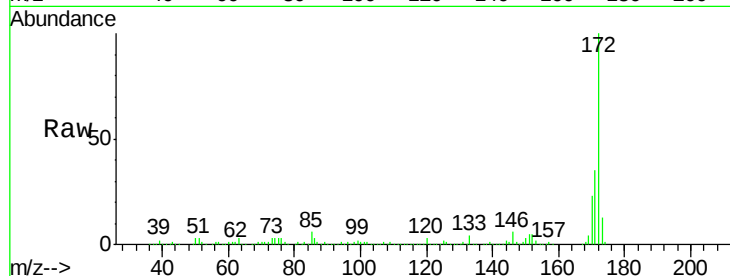




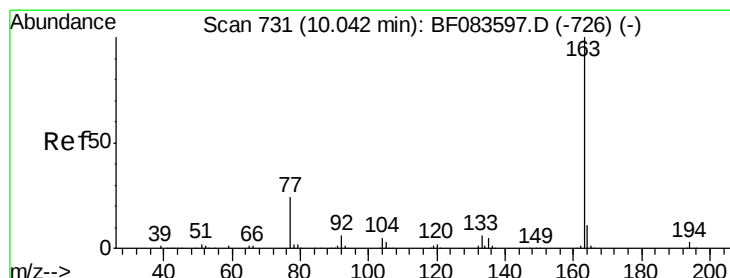
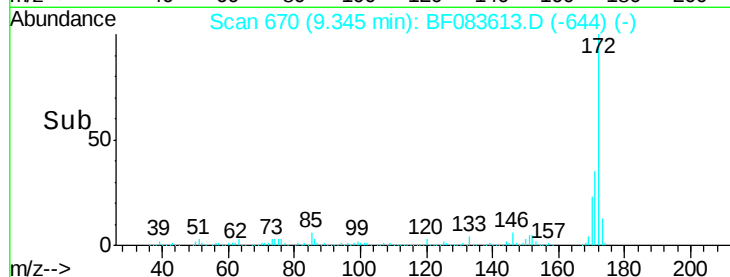
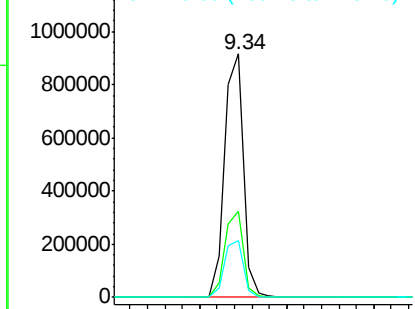
#44
2-Fluorobiphenyl
Concen: 72.61 ng
RT: 9.34 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF083613.D
Acq: 9 Dec 2015 00:20

Instrument :
BNA_F
ClientSampleId :
PCPY2A

Tgt Ion:172 Resp: 1385287
Ion Ratio Lower Upper
172 100
171 35.2 28.6 42.8
170 23.5 19.4 29.0

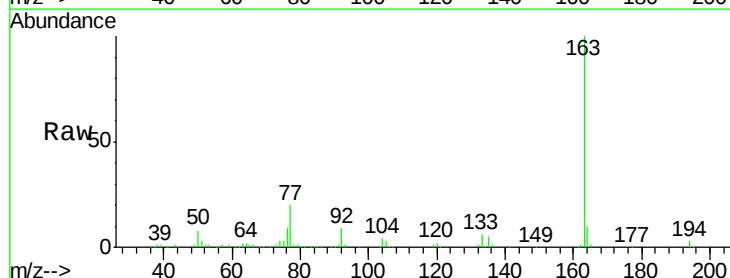


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

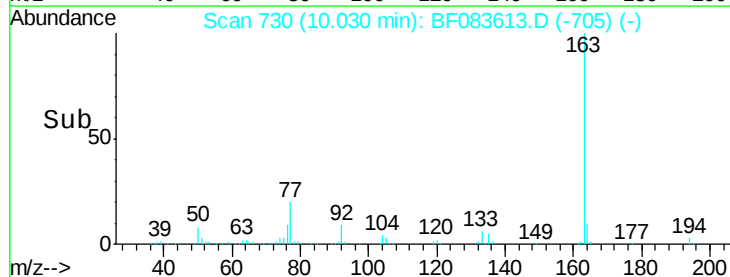
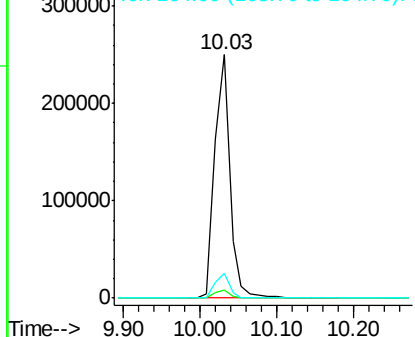


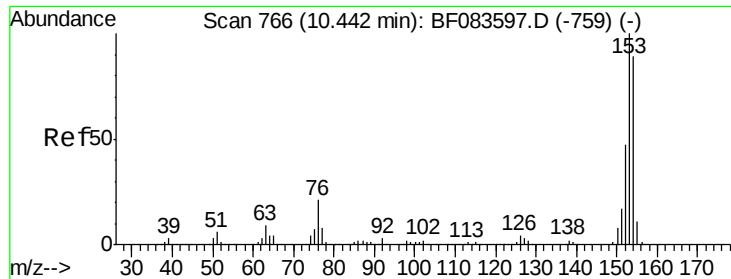
#49
Dimethylphthalate
Concen: 16.08 ng
RT: 10.03 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF083613.D
Acq: 9 Dec 2015 00:20

Tgt Ion:163 Resp: 343733
Ion Ratio Lower Upper
163 100
194 3.2 2.8 4.2
164 9.9 8.6 13.0



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





#51

Acenaphthene

Concen: 2.65 ng

RT: 10.43 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF083613.D

Acq: 9 Dec 2015 00:20

Instrument :

BNA_F

ClientSampleId :

PCPY2A

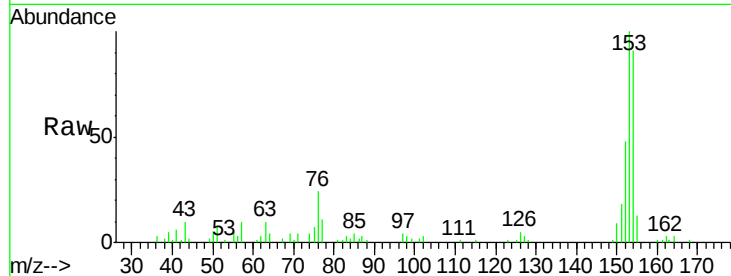
Tgt Ion:154 Resp: 44112

Ion Ratio Lower Upper

154 100

153 110.4 91.4 137.0

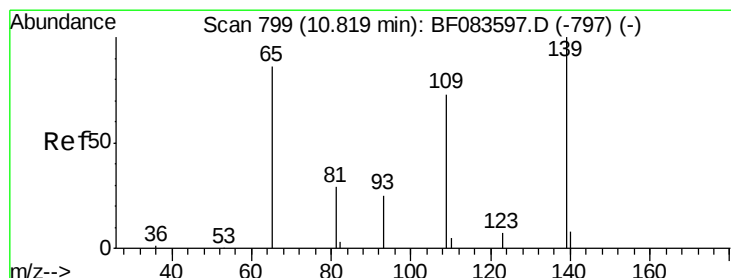
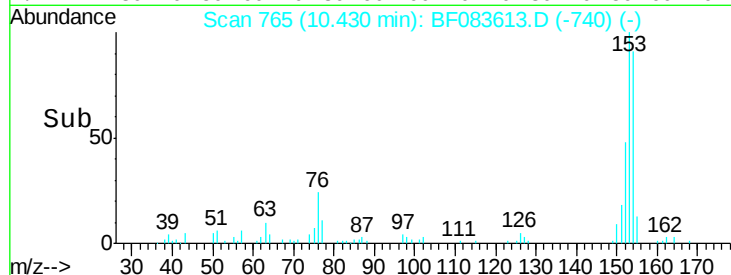
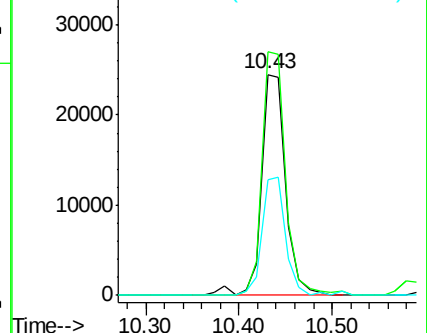
152 52.7 43.4 65.2



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



#55

4-Nitrophenol

Concen: 4.57 ng

RT: 10.74 min Scan# 792

Delta R.T. -0.08 min

Lab File: BF083613.D

Acq: 9 Dec 2015 00:20

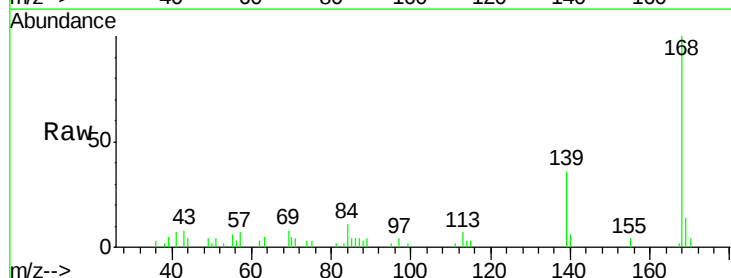
Tgt Ion:139 Resp: 9428

Ion Ratio Lower Upper

139 100

109 0.0 42.0 82.0#

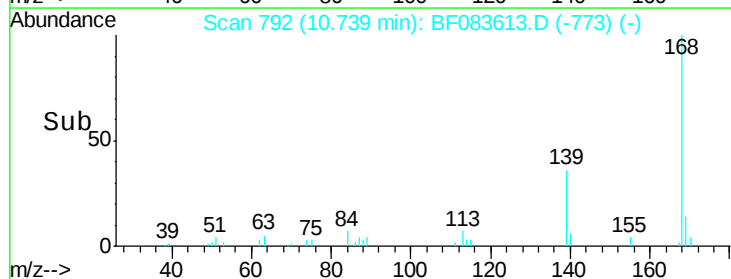
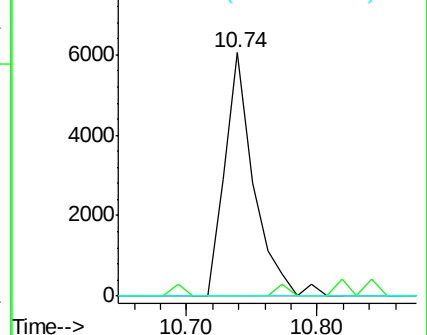
65 0.0 89.2 129.2#

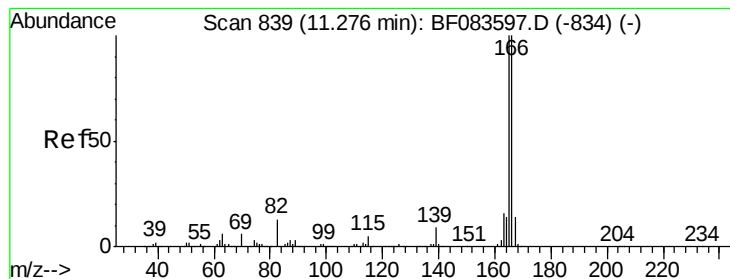


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#57

Fluorene

Concen: 2.23 ng

RT: 11.28 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF083613.D

Acq: 9 Dec 2015 00:20

Instrument :

BNA_F

ClientSampleId :

PCPY2A

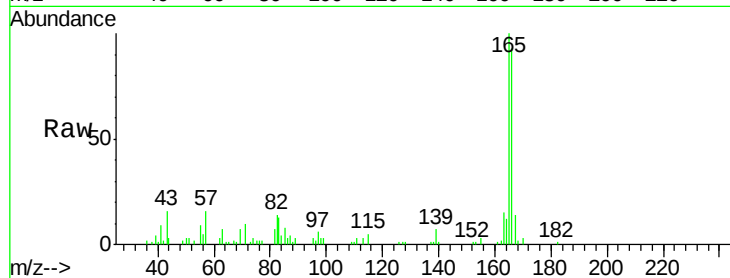
Tgt Ion:166 Resp: 44812

Ion Ratio Lower Upper

166 100

165 107.7 80.0 120.0

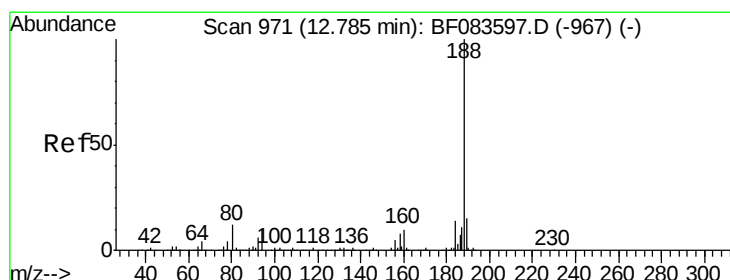
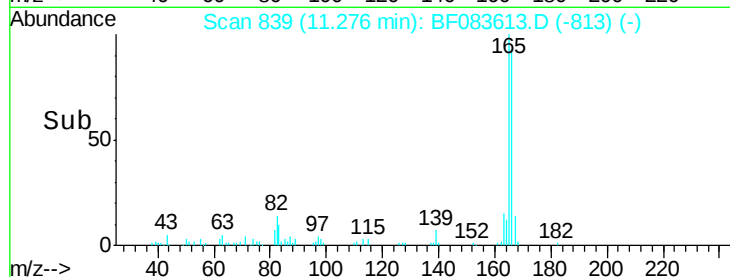
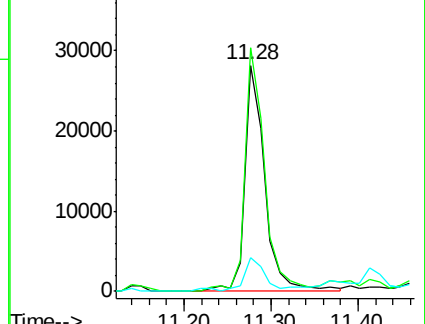
167 14.9 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.78 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF083613.D

Acq: 9 Dec 2015 00:20

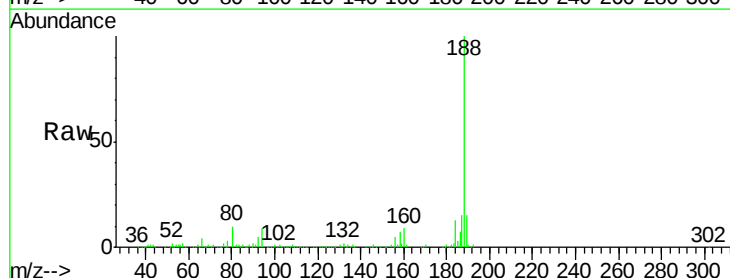
Tgt Ion:188 Resp: 416276

Ion Ratio Lower Upper

188 100

94 8.9 9.4 14.2#

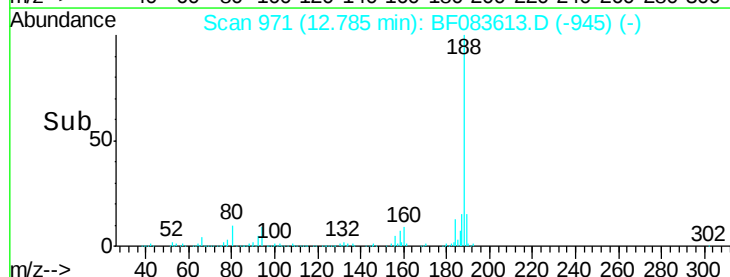
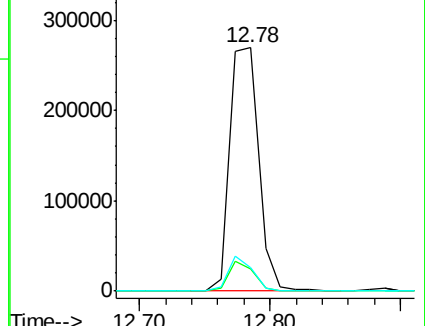
80 9.7 10.6 16.0#

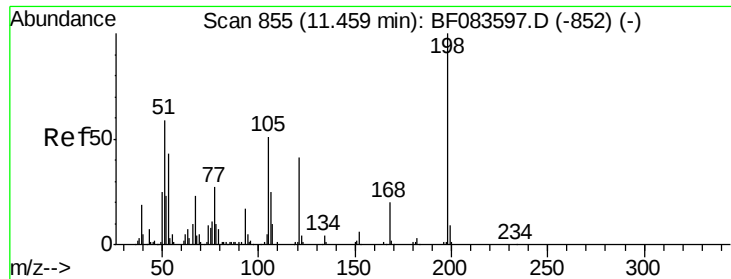


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

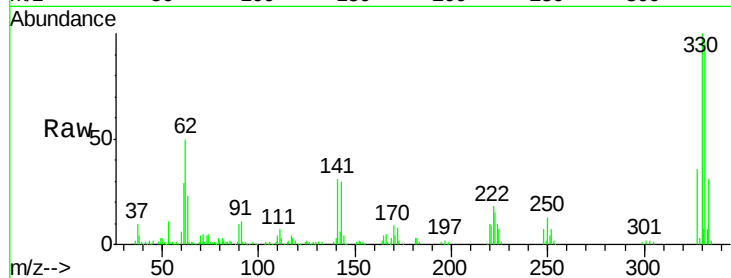




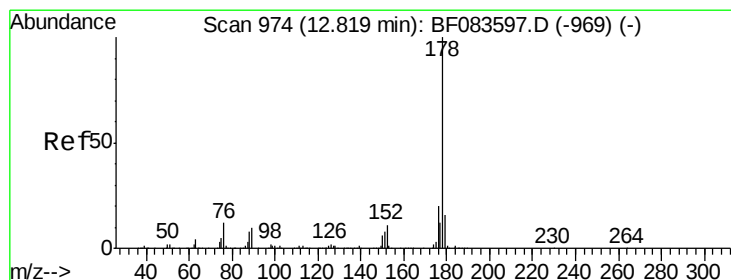
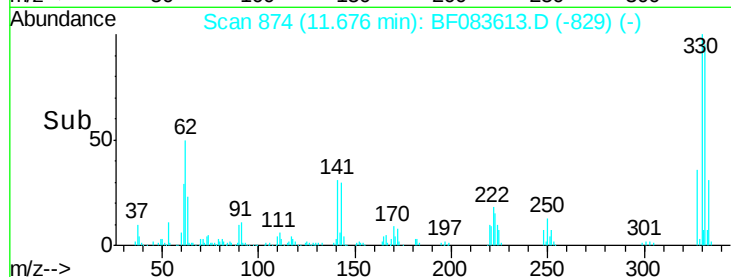
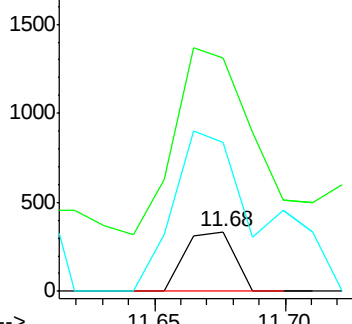
#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.10 ng
 RT: 11.68 min Scan# 874
 Delta R.T. 0.22 min
 Lab File: BF083613.D
 Acq: 9 Dec 2015 00:20

Instrument :
 BNA_F
 ClientSampleId :
 PCPY2A

Tgt Ion:198 Resp: 441
 Ion Ratio Lower Upper
 198 100
 51 391.9 53.8 93.8#
 105 249.0 38.6 78.6#

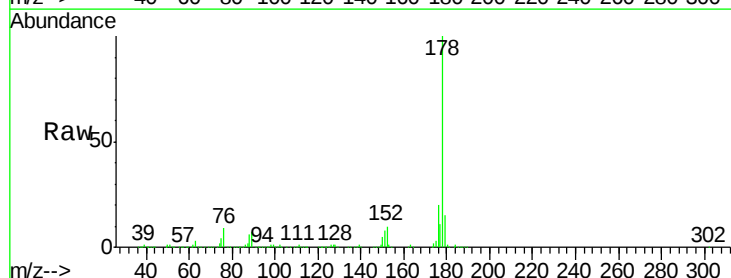


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

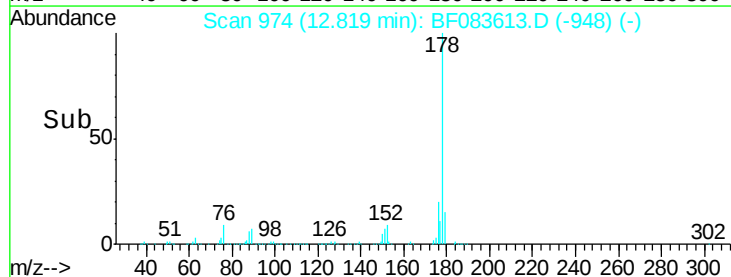
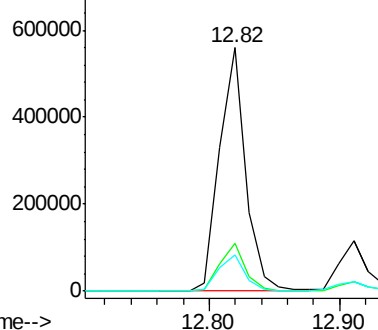


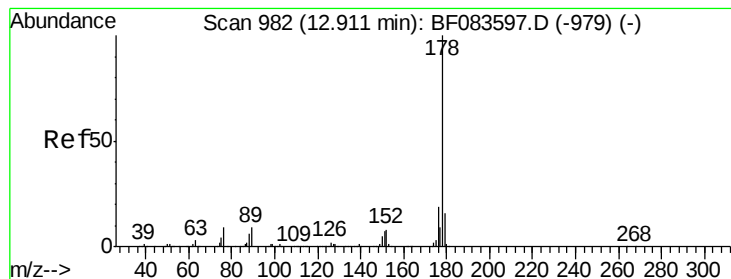
#70
 Phenanthrene
 Concen: 32.70 ng
 RT: 12.82 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: BF083613.D
 Acq: 9 Dec 2015 00:20

Tgt Ion:178 Resp: 782092
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.7 23.5
 179 15.0 12.2 18.4



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





#71

Anthracene

Concen: 6.81 ng

RT: 12.91 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF083613.D

Acq: 9 Dec 2015 00:20

Instrument :

BNA_F

ClientSampleId :

PCPY2A

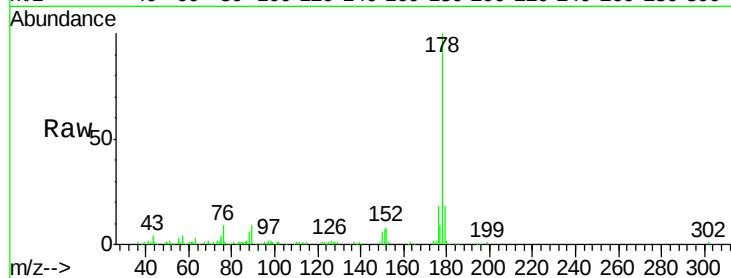
Tgt Ion:178 Resp: 168797

Ion Ratio Lower Upper

178 100

176 17.5 15.2 22.8

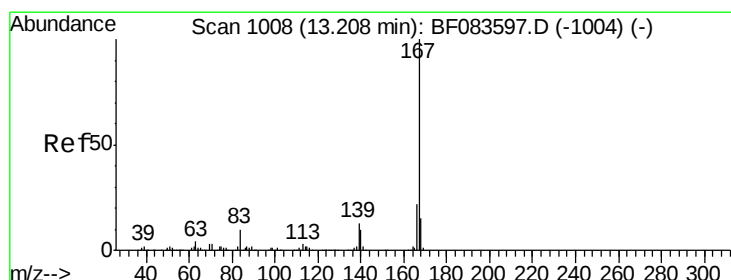
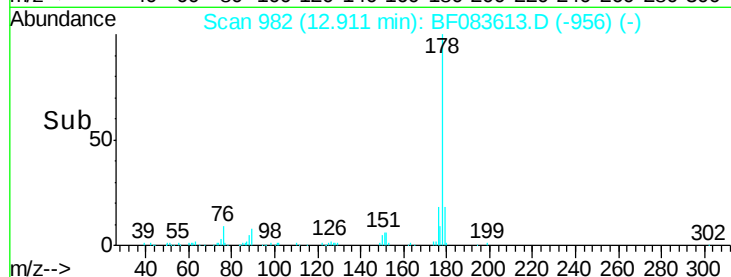
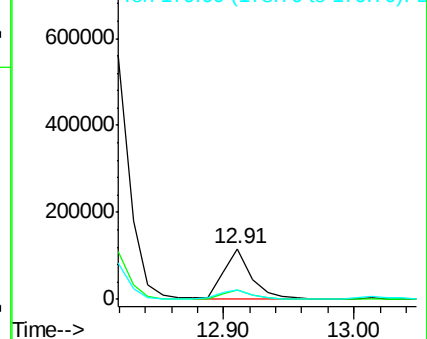
179 17.6 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 3.76 ng

RT: 13.22 min Scan# 1009

Delta R.T. 0.01 min

Lab File: BF083613.D

Acq: 9 Dec 2015 00:20

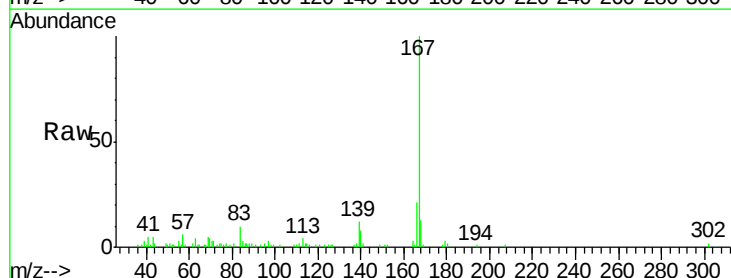
Tgt Ion:167 Resp: 79968

Ion Ratio Lower Upper

167 100

166 21.1 17.2 25.8

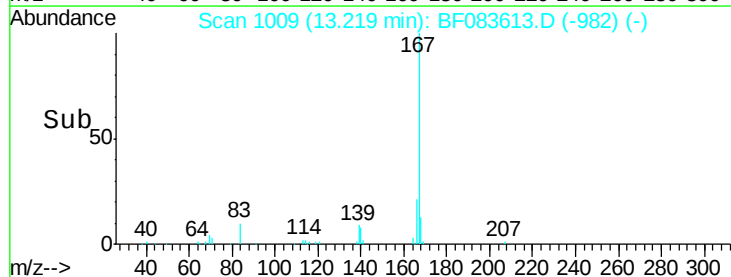
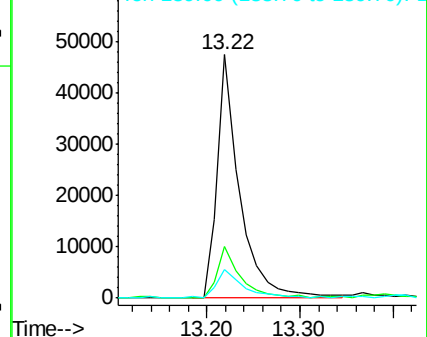
139 11.9 9.3 13.9

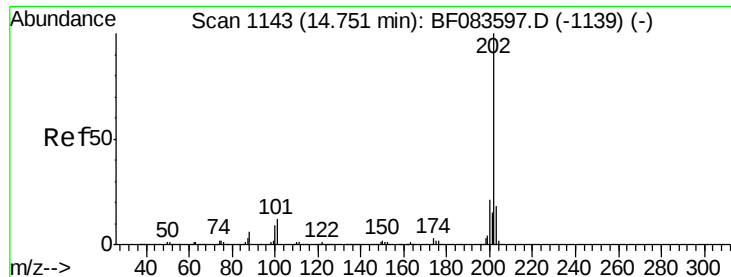


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 49.42 ng

RT: 14.75 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BF083613.D

Acq: 9 Dec 2015 00:20

Instrument :

BNA_F

ClientSampleId :

PCPY2A

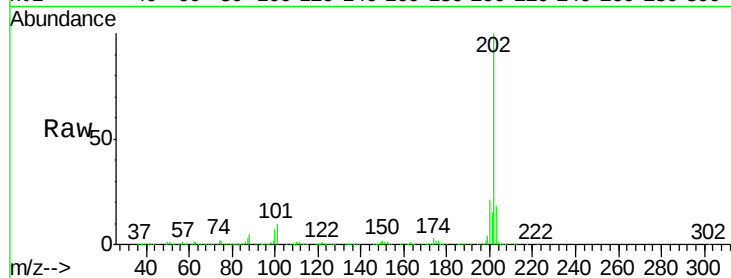
Tgt Ion:202 Resp: 1209075

Ion Ratio Lower Upper

202 100

101 10.1 0.0 31.5

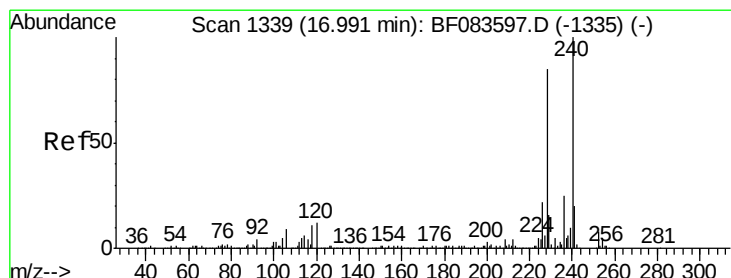
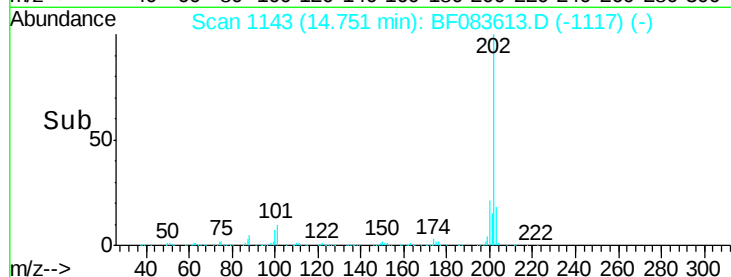
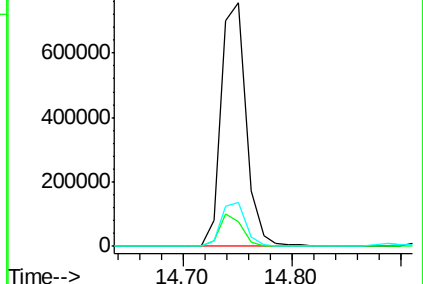
203 18.0 0.0 37.6



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: 16.99 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BF083613.D

Acq: 9 Dec 2015 00:20

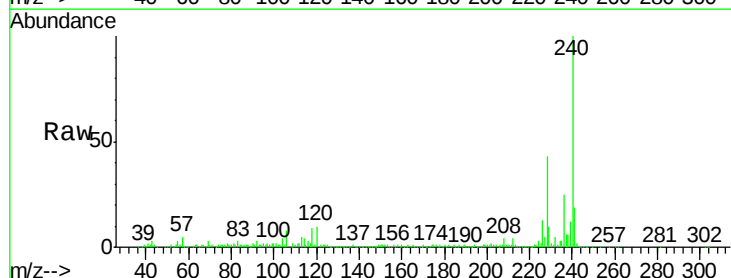
Tgt Ion:240 Resp: 287113

Ion Ratio Lower Upper

240 100

120 10.1 8.1 12.1

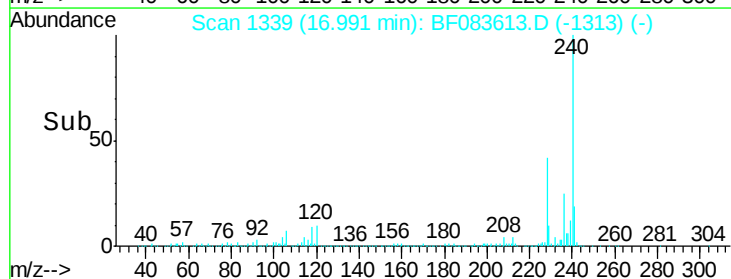
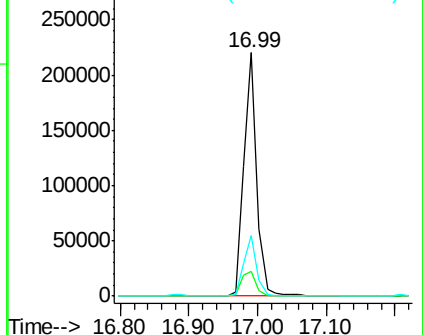
236 25.0 20.8 31.2

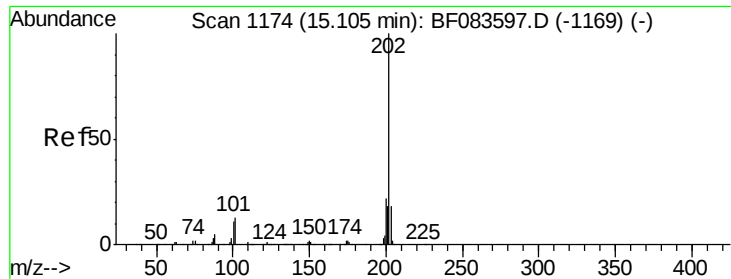


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

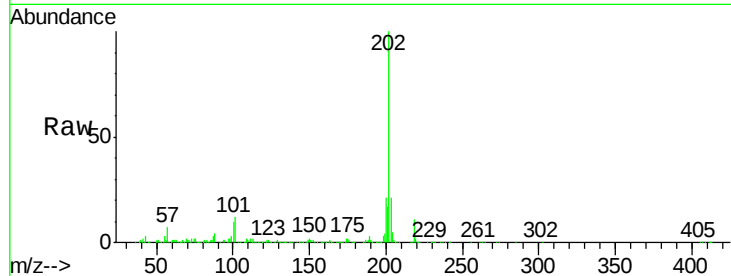




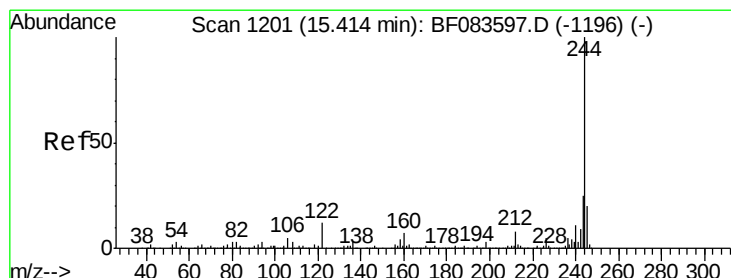
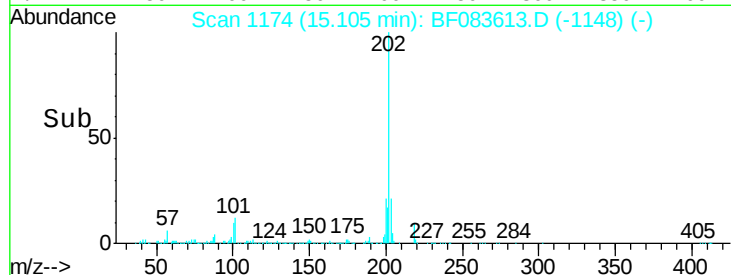
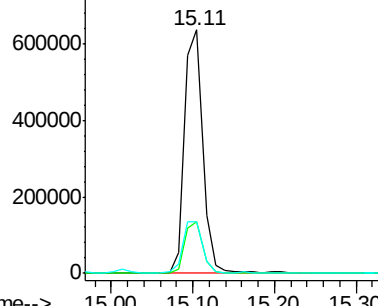
#77
 Pyrene
 Concen: 48.39 ng
 RT: 15.11 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF083613.D
 Acq: 9 Dec 2015 00:20

Instrument :
 BNA_F
 ClientSampleId :
 PCPY2A

Tgt Ion:202 Resp: 1000188
 Ion Ratio Lower Upper
 202 100
 200 21.2 16.7 25.1
 203 20.9 14.3 21.5

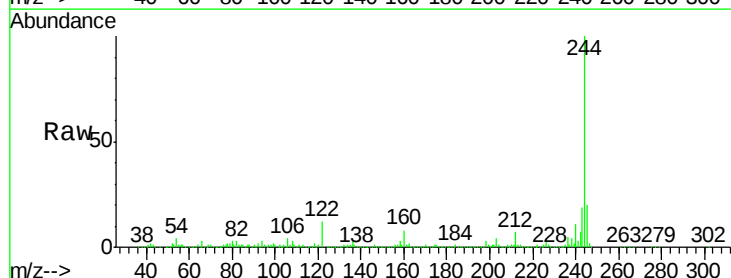


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

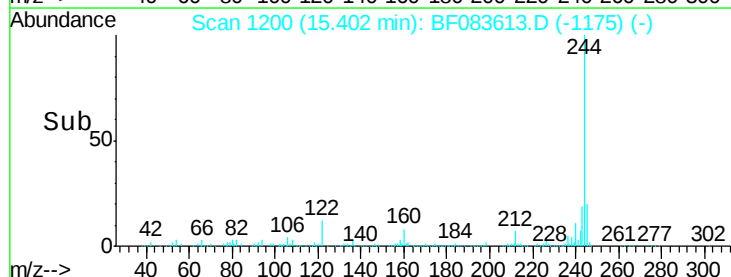
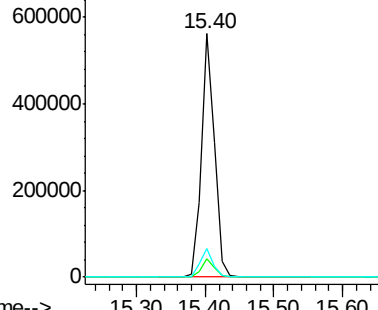


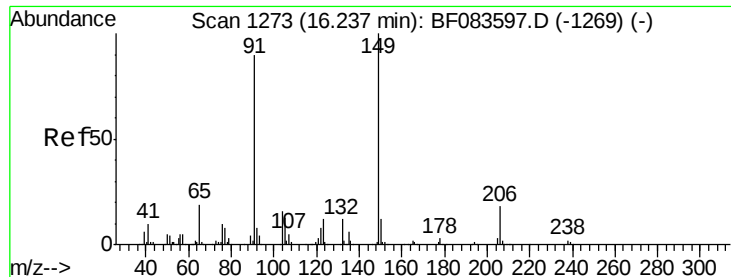
#78
 Terphenyl-d14
 Concen: 62.14 ng
 RT: 15.40 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF083613.D
 Acq: 9 Dec 2015 00:20

Tgt Ion:244 Resp: 758312
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 11.9 11.0 16.6



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: 7.37 ng

RT: 16.24 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BF083613.D

Acq: 9 Dec 2015 00:20

Instrument :

BNA_F

ClientSampleId :

PCPY2A

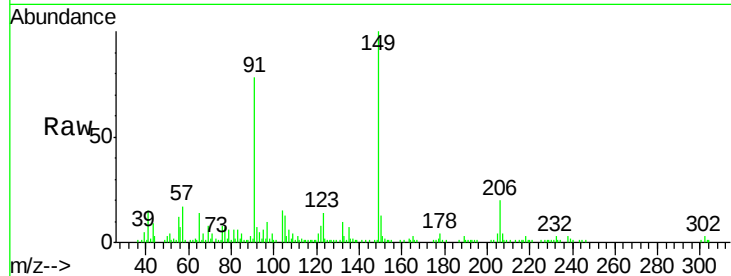
Tgt Ion:149 Resp: 67641

Ion Ratio Lower Upper

149 100

91 77.8 60.0 90.0

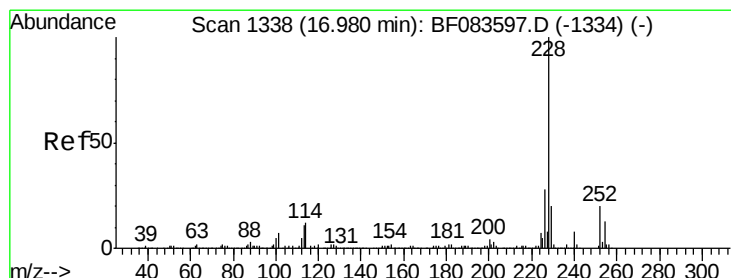
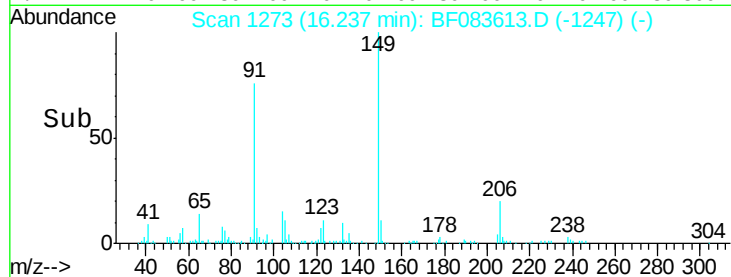
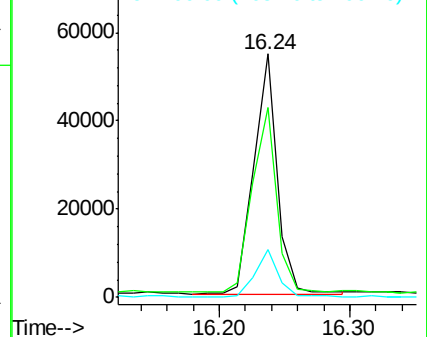
206 19.9 16.2 24.4



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: 30.81 ng

RT: 16.98 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BF083613.D

Acq: 9 Dec 2015 00:20

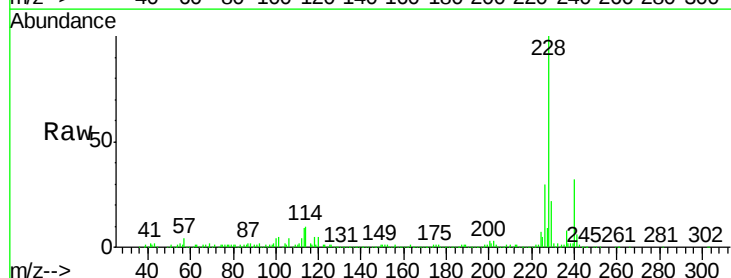
Tgt Ion:228 Resp: 517828

Ion Ratio Lower Upper

228 100

226 29.7 22.3 33.5

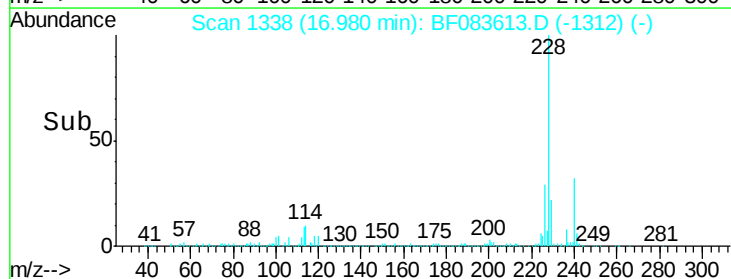
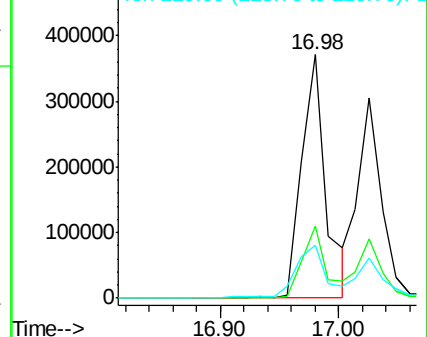
229 21.7 15.7 23.5

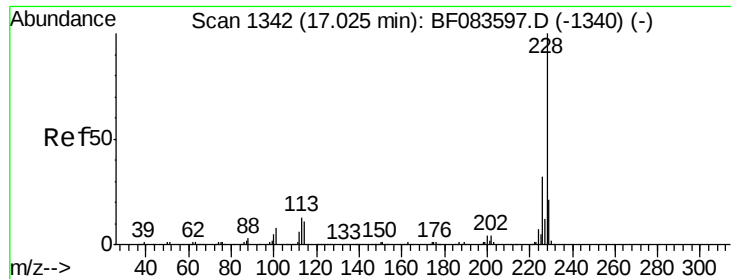


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 24.90 ng

RT: 17.03 min Scan# 1342

Delta R.T. 0.00 min

Lab File: BF083613.D

Acq: 9 Dec 2015 00:20

Instrument :

BNA_F

ClientSampleId :

PCPY2A

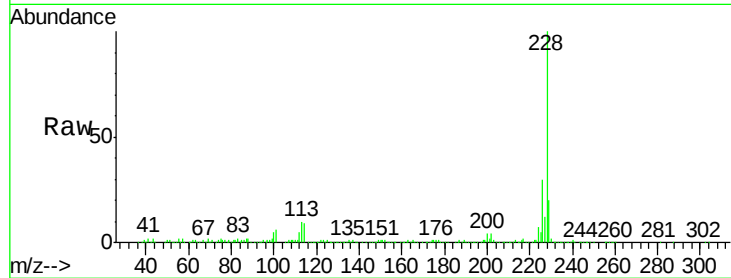
Tgt Ion:228 Resp: 419428

Ion Ratio Lower Upper

228 100

226 29.5 24.7 37.1

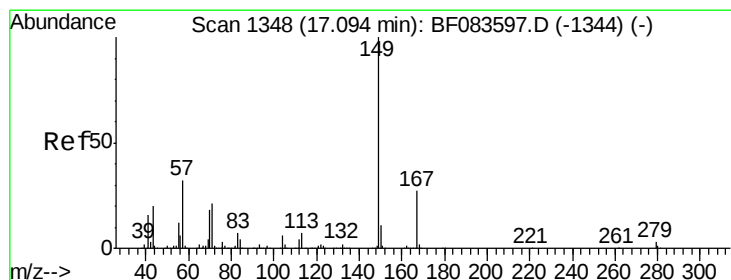
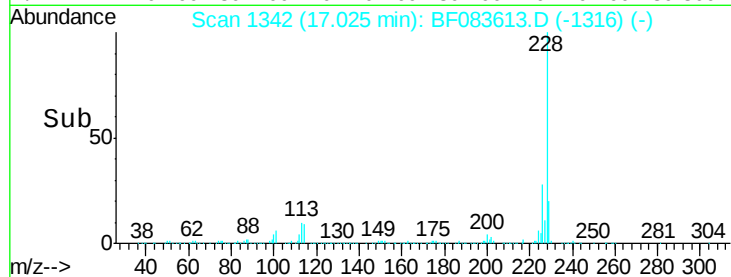
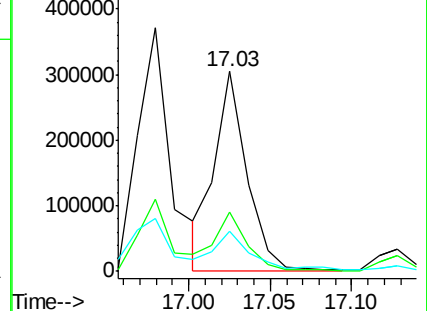
229 19.9 16.3 24.5



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 25.80 ng

RT: 17.09 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BF083613.D

Acq: 9 Dec 2015 00:20

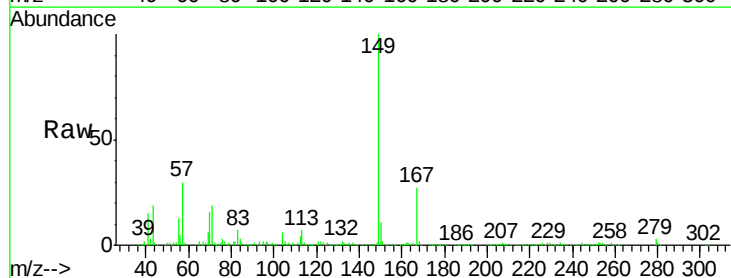
Tgt Ion:149 Resp: 328591

Ion Ratio Lower Upper

149 100

167 26.6 21.8 32.8

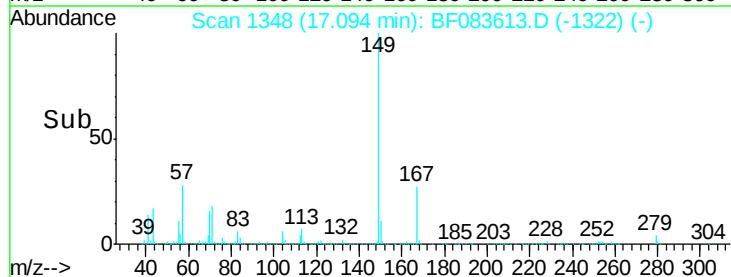
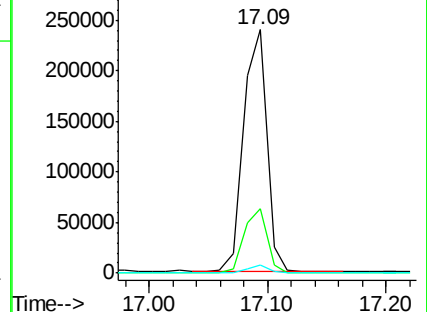
279 3.5 3.0 4.4

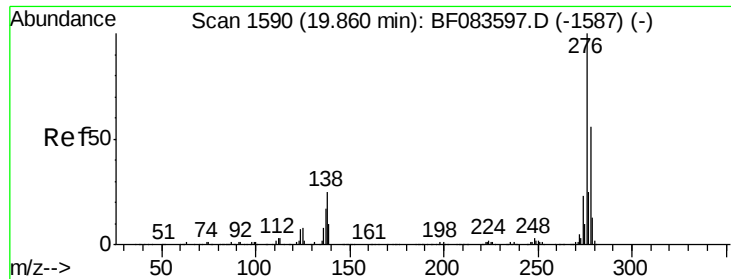


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Indeno(1,2,3-cd)pyrene

Concen: 22.07 ng

RT: 19.88 min Scan# 1592

Delta R.T. 0.02 min

Lab File: BF083613.D

Acq: 9 Dec 2015 00:20

Instrument :

BNA_F

ClientSampled :

PCPY2A

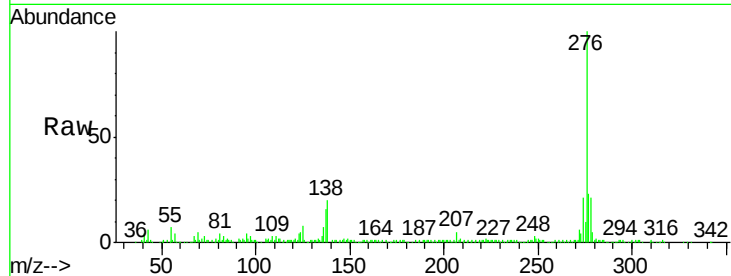
Tgt Ion:276 Resp: 250963

Ion Ratio Lower Upper

276 100

138 23.0 0.0 0.0#

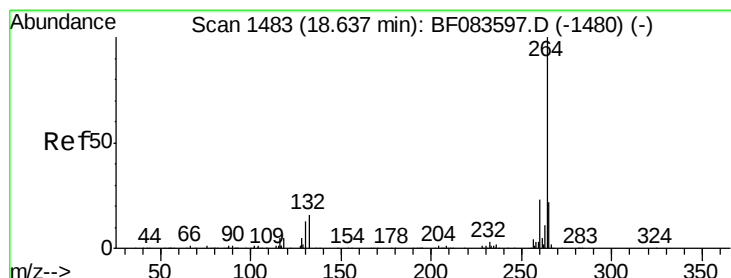
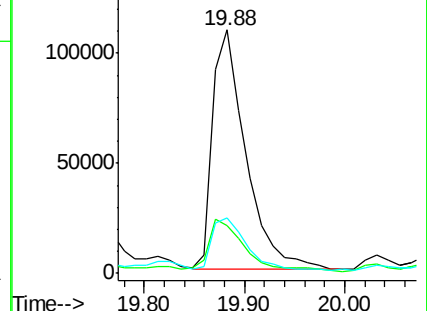
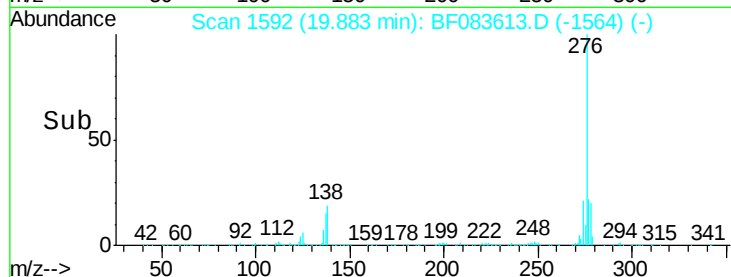
277 23.4 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 18.64 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BF083613.D

Acq: 9 Dec 2015 00:20

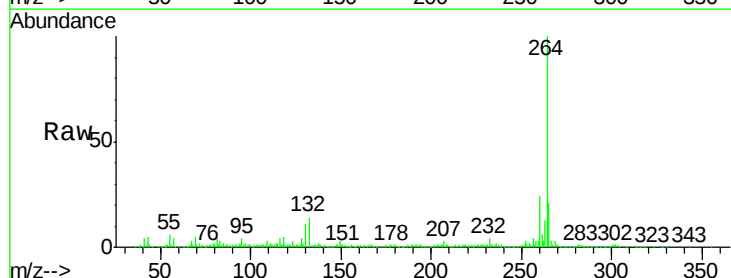
Tgt Ion:264 Resp: 295635

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.0

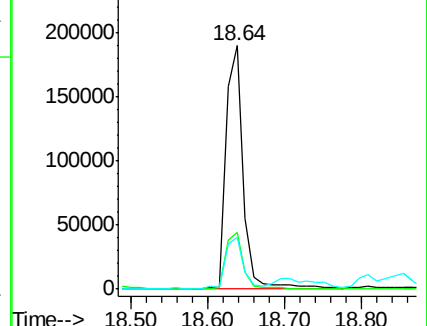
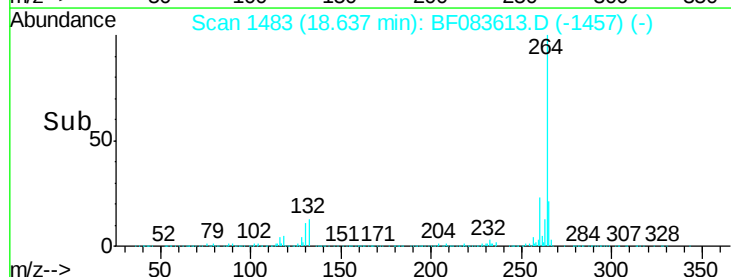
265 21.1 17.8 26.6

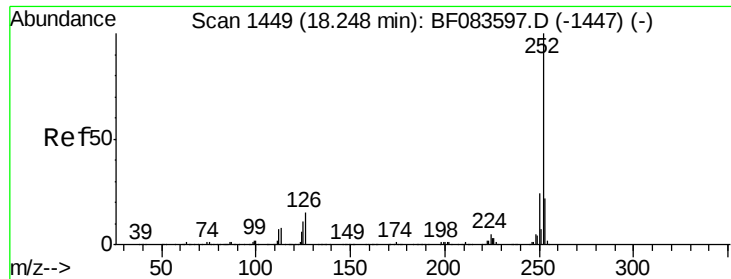


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

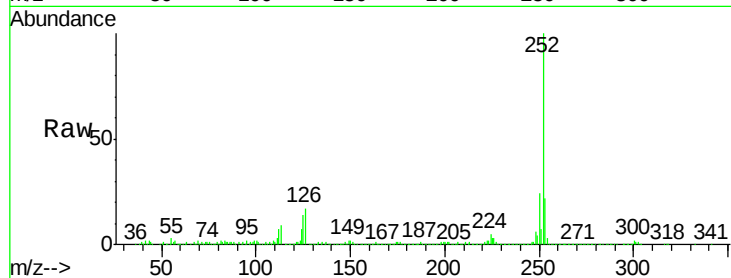




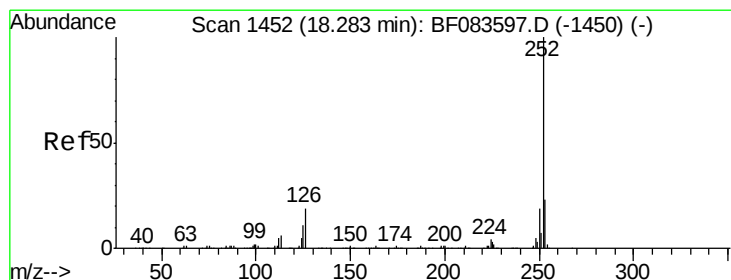
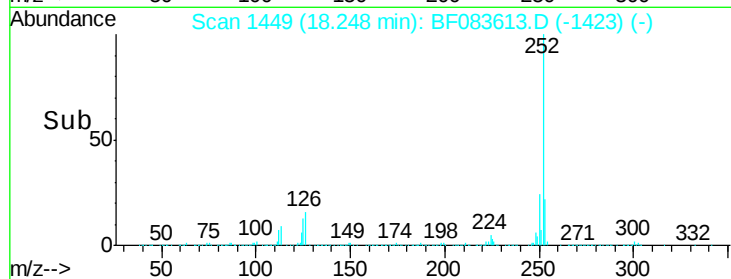
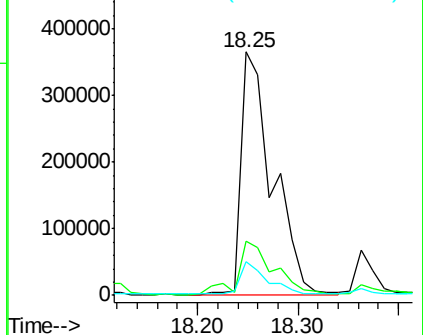
#87
Benzo(b)fluoranthene
Concen: 46.80 ng
RT: 18.25 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BF083613.D
Acq: 9 Dec 2015 00:20

Instrument :
BNA_F
ClientSampleId :
PCPY2A

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	13.6	8.2	12.4#

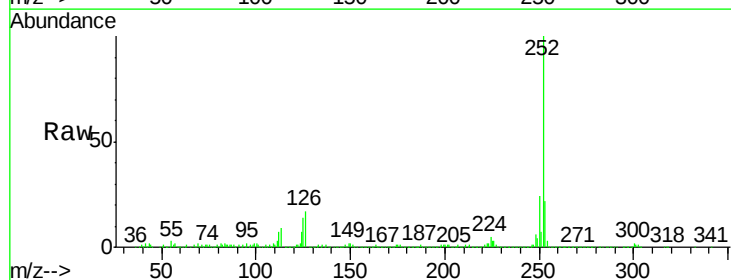


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

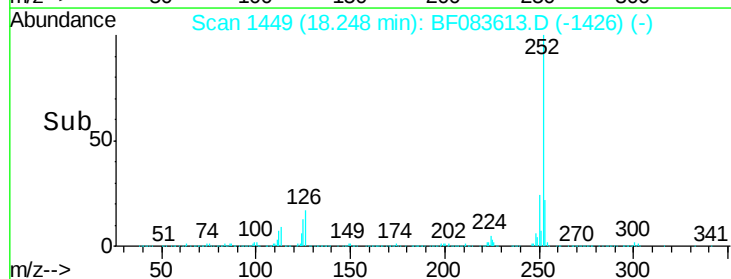
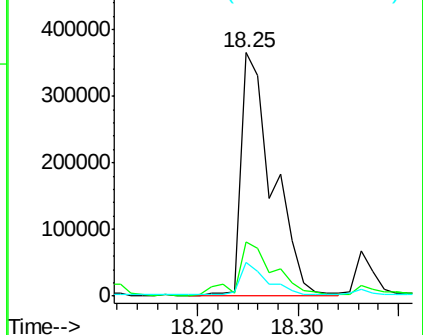


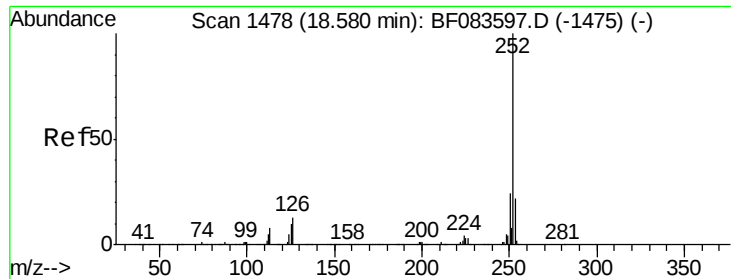
#88
Benzo(k)fluoranthene
Concen: 42.47 ng
RT: 18.25 min Scan# 1449
Delta R.T. -0.03 min
Lab File: BF083613.D
Acq: 9 Dec 2015 00:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.6	27.8
125	13.6	11.5	17.3



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: 17.17 ng

RT: 18.52 min Scan# 1473

Delta R.T. -0.06 min

Lab File: BF083613.D

Acq: 9 Dec 2015 00:20

Instrument :

BNA_F

ClientSampleId :

PCPY2A

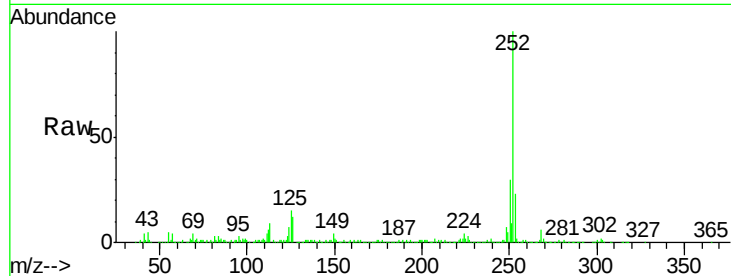
Tgt Ion:252 Resp: 282096

Ion Ratio Lower Upper

252 100

253 23.0 17.5 26.3

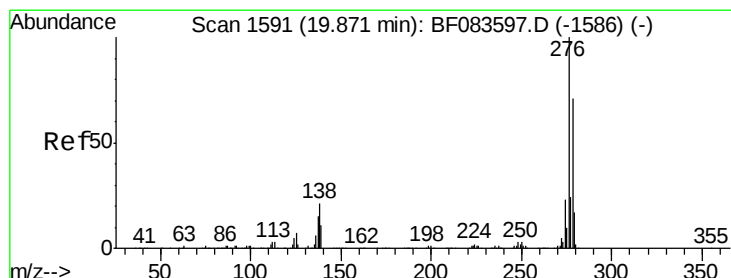
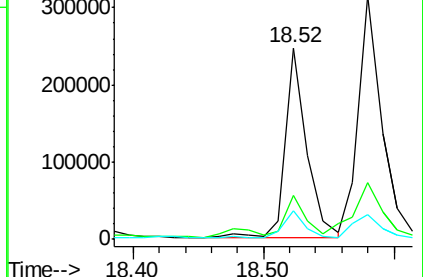
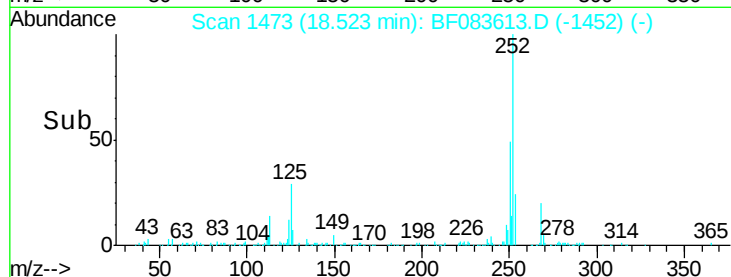
125 14.8 11.0 16.6



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: 6.81 ng

RT: 19.88 min Scan# 1592

Delta R.T. 0.01 min

Lab File: BF083613.D

Acq: 9 Dec 2015 00:20

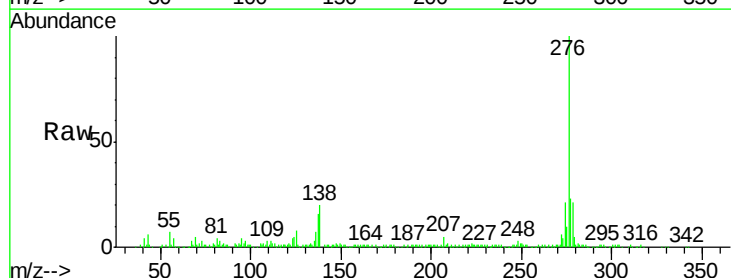
Tgt Ion:278 Resp: 85495

Ion Ratio Lower Upper

278 100

139 0.0 12.8 19.2#

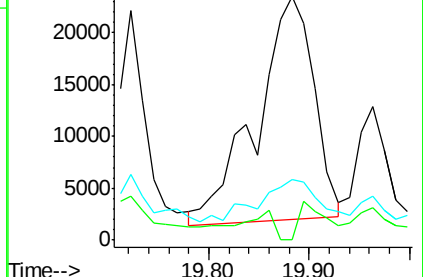
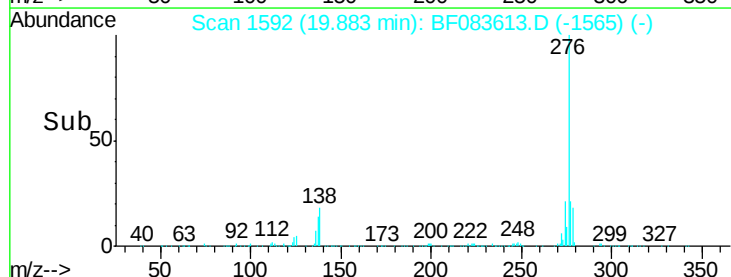
279 24.6 18.6 28.0

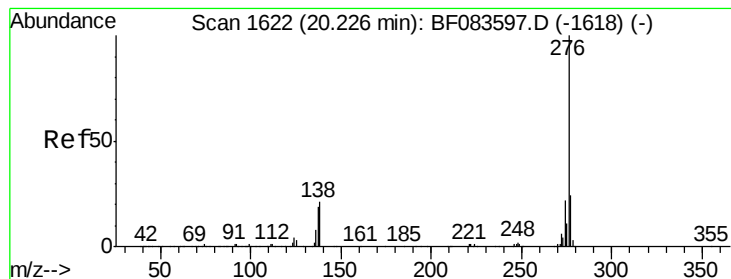


Abundance Ion 278.00 (277.70 to 278.70): E

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: 18.61 ng

RT: 20.24 min Scan# 1623

Delta R.T. 0.01 min

Lab File: BF083613.D

Acq: 9 Dec 2015 00:20

Instrument :

BNA_F

ClientSampleId :

PCPY2A

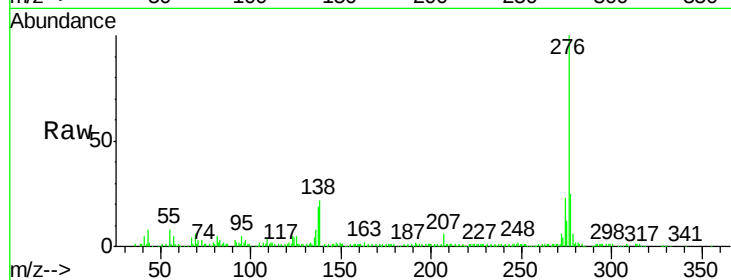
Tgt Ion: 276 Resp: 227894

Ion Ratio Lower Upper

276 100

277 24.7 19.2 28.8

138 21.9 19.5 29.3



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

