

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052516\
 Data File : BF087380.D
 Acq On : 25 May 2016 19:35
 Operator : UM/SJ
 Sample : H3211-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TA-1320-(0-4)

Quant Time: May 25 22:31:01 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	7.52	152	109260	20.00	ng	0.00
21) Naphthalene-d8	9.54	136	425375	20.00	ng	-0.01
38) Acenaphthene-d10	12.38	164	174770	20.00	ng	-0.01
63) Phenanthrene-d10	14.78	188	281187	20.00	ng	0.00
75) Chrysene-d12	18.49	240	221003	20.00	ng	0.01
86) Perylene-d12	20.15	264	172521	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	706748	113.66	ng	0.00
7) Phenol-d6	7.06	99	934070	111.17	ng	-0.01
23) Nitrobenzene-d5	8.43	82	675955	80.09	ng	-0.01
41) 2,4,6-Tribromophenol	13.67	330	156854	93.39	ng	-0.01
44) 2-Fluorobiphenyl	11.32	172	973035	78.49	ng	-0.01
78) Terphenyl-d14	17.13	244	695870	66.94	ng	0.00

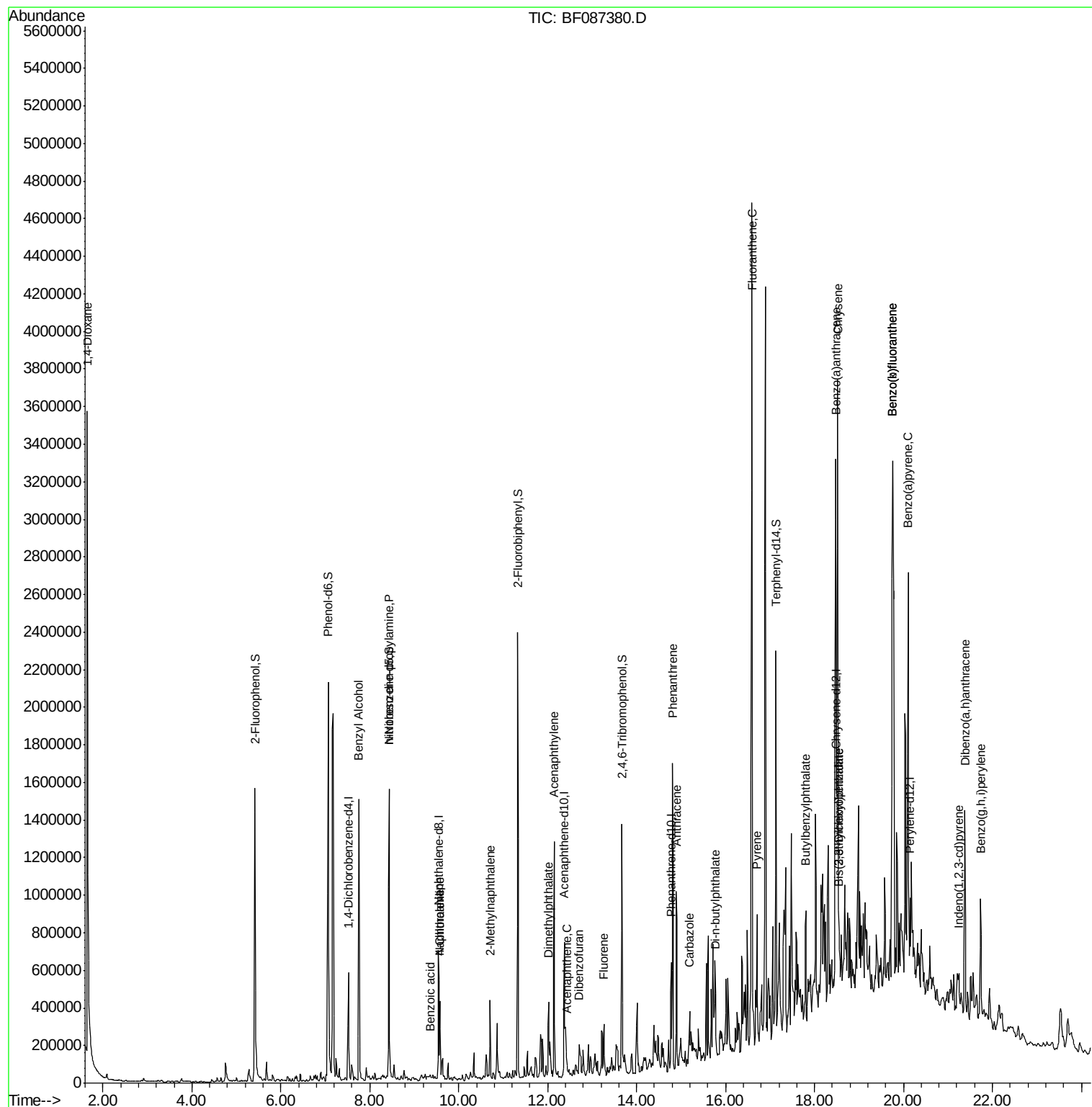
Target Compounds						Qvalue
2) 1,4-Dioxane	1.64	88	129455	39.46	ng	# 22
15) Benzyl Alcohol	7.75	79	12281	2.00	ng	# 45
19) n-Nitroso-di-n-propylamine	8.43	70	94437	15.07	ng	# 77
31) Naphthalene	9.58	128	244773	11.48	ng	99
32) Benzoic acid	9.37	122	9065	8.27	ng	# 65
33) 4-Chloroaniline	9.58	127	32789	4.18	ng	# 38
37) 2-Methylnaphthalene	10.71	142	135891	10.21	ng	96
48) Acenaphthylene	12.15	152	693180	38.89	ng	98
49) Dimethylphthalate	12.02	163	168061	12.00	ng	99
51) Acenaphthene	12.42	154	26466	2.42	ng	98
54) Dibenzofuran	12.71	168	88057	5.94	ng	96
57) Fluorene	13.27	166	51837	4.03	ng	# 88
70) Phenanthrene	14.81	178	907699	58.28	ng	99
71) Anthracene	14.89	178	564162	35.86	ng	98
72) Carbazole	15.19	167	152388	11.36	ng	99
73) Di-n-butylphthalate	15.77	149	81620	4.70	ng	# 97
74) Fluoranthene	16.59	202	2606128	166.86	ng	97
77) Pyrene	16.71	202	311467	19.58	ng	98
79) Butylbenzylphthalate	17.81	149	185549	26.30	ng	90
80) Benzo(a)anthracene	18.48	228	1748560	139.09	ng	96
81) 3,3'-Dichlorobenzidine	18.54	252	24663	3.55	ng	# 1
82) Chrysene	18.53	228	1612948	129.28	ng	95
83) Bis(2-ethylhexyl)phthalate	18.55	149	21670	2.11	ng	97
85) Indeno(1,2,3-cd)pyrene	21.25	276	140683	14.07	ng	91
87) Benzo(b)fluoranthene	19.76	252	2631011	239.41	ng	96
88) Benzo(k)fluoranthene	19.76	252	2631011	278.15	ng	98
89) Benzo(a)pyrene	20.10	252	1017656	107.07	ng	97
90) Dibenzo(a,h)anthracene	21.38	278	180292	22.24	ng	94
91) Benzo(g,h,i)perylene	21.74	276	481096	60.15	ng	94

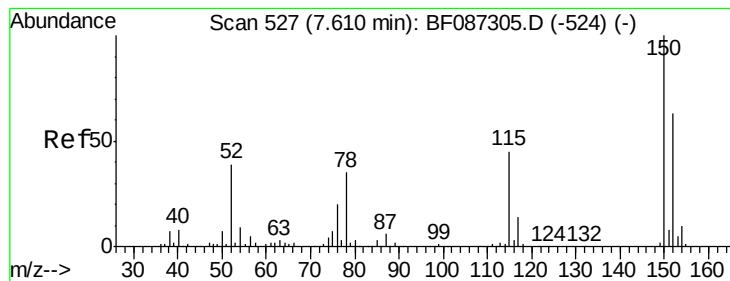
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.52 min Scan# 519

Delta R.T. -0.00 min

Lab File: BF087380.D

Acq: 25 May 2016 19:35

Instrument :

BNA_F

ClientSampleId :

TA-1320-(0-4)

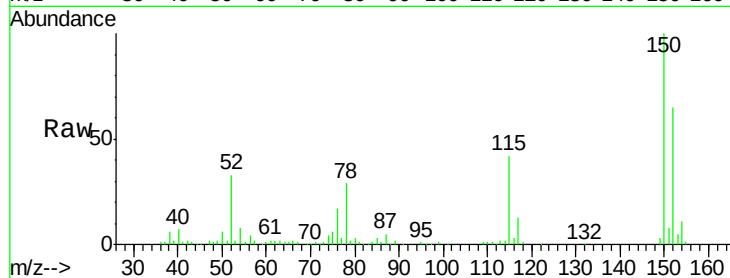
Tgt Ion:152 Resp: 109260

Ion Ratio Lower Upper

152 100

150 154.6 125.8 188.6

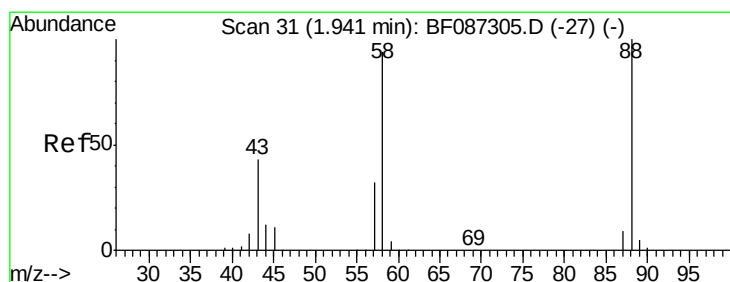
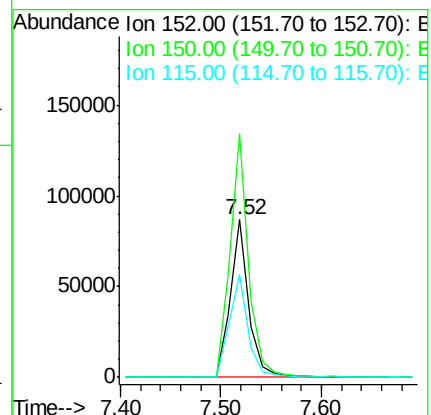
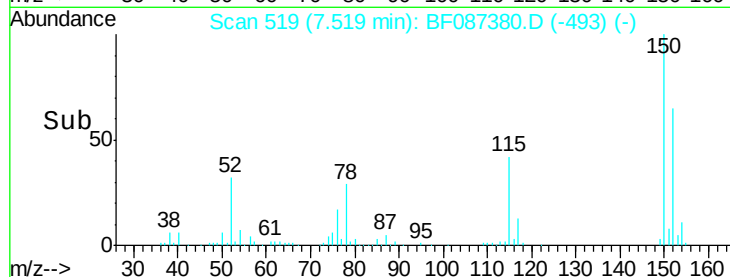
115 65.0 51.5 77.3



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: 39.46 ng

RT: 1.64 min Scan# 5

Delta R.T. -0.17 min

Lab File: BF087380.D

Acq: 25 May 2016 19:35

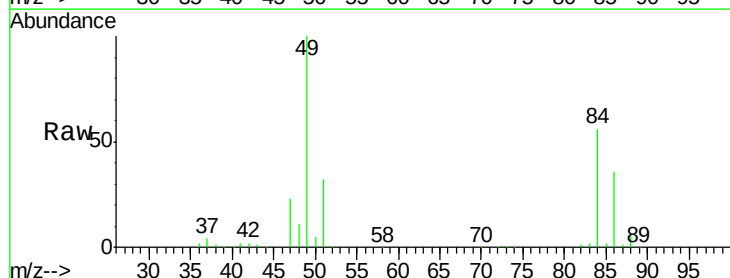
Tgt Ion: 88 Resp: 129455

Ion Ratio Lower Upper

88 100

58 0.0 59.6 89.4#

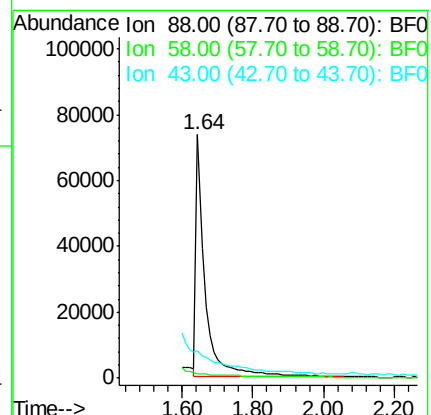
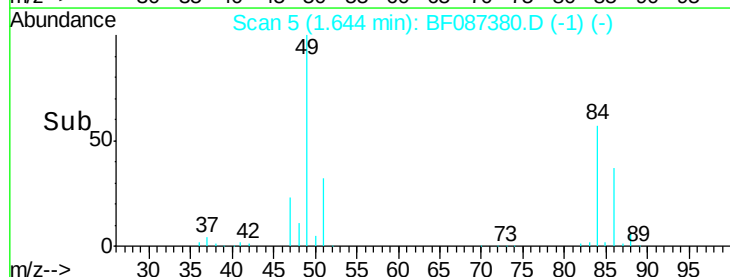
43 0.0 21.8 32.6#

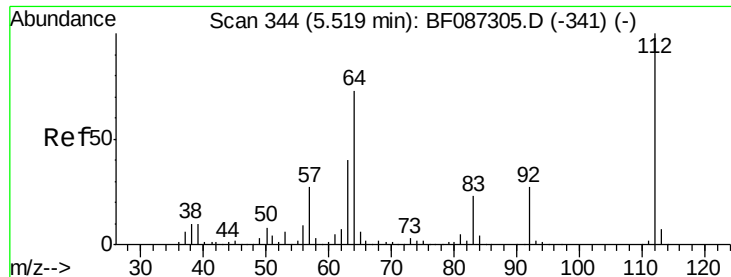


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

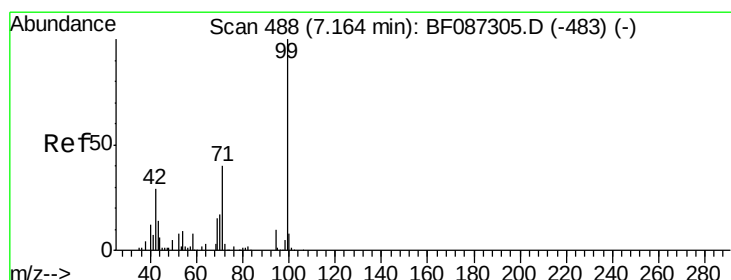
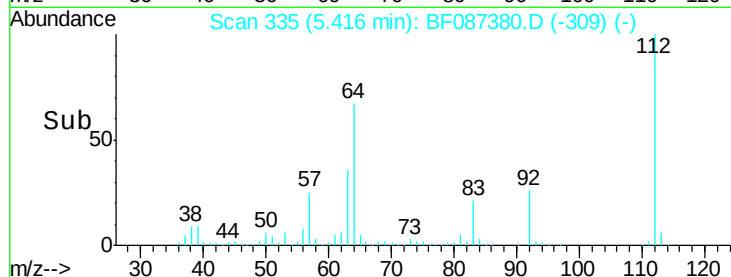
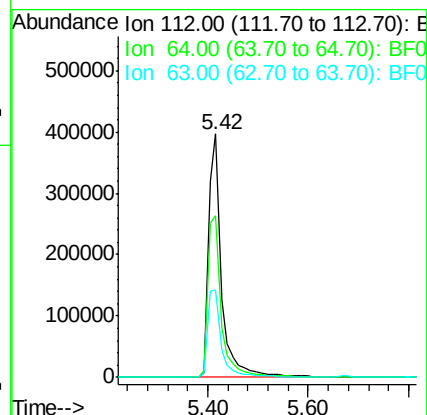
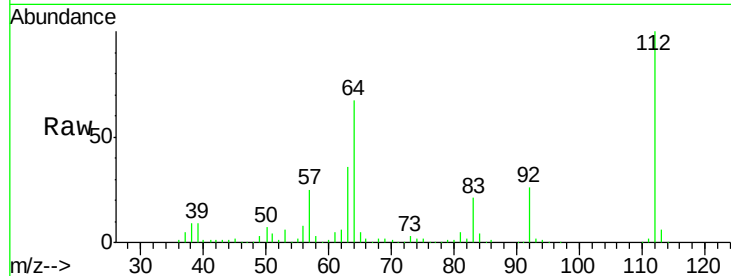




#5
 2-Fluorophenol
 Concen: 113.66 ng
 RT: 5.42 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: BF087380.D
 Acq: 25 May 2016 19:35

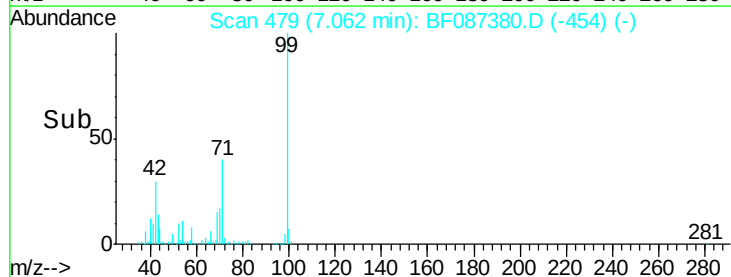
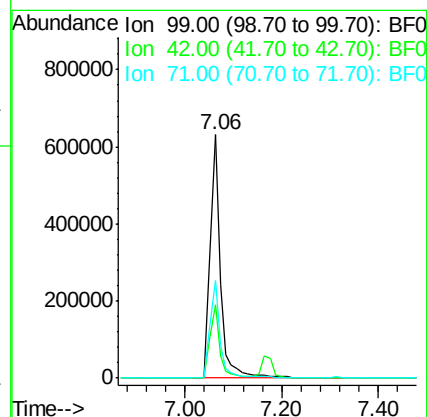
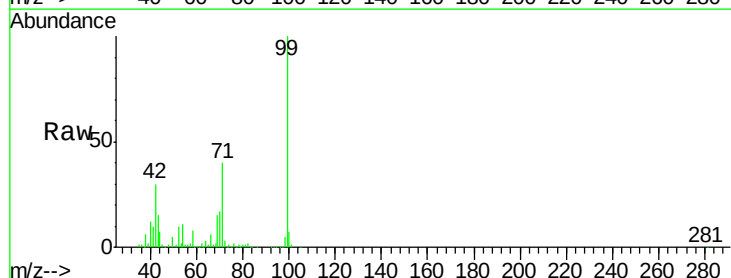
Instrument :
 BNA_F
 ClientSampleId :
 TA-1320-(0-4)

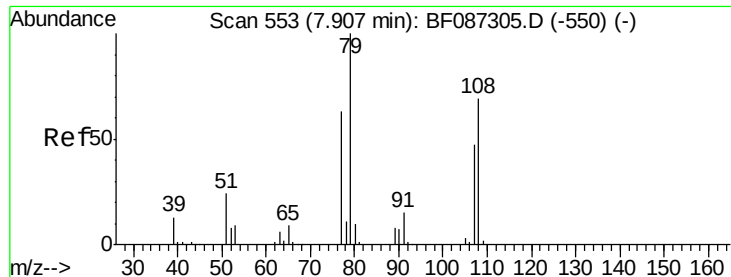
Tgt Ion: 112 Resp: 706748
 Ion Ratio Lower Upper
 112 100
 64 66.5 52.1 78.1
 63 36.2 25.7 38.5



#7
 Phenol-d6
 Concen: 111.17 ng
 RT: 7.06 min Scan# 479
 Delta R.T. -0.01 min
 Lab File: BF087380.D
 Acq: 25 May 2016 19:35

Tgt Ion: 99 Resp: 934070
 Ion Ratio Lower Upper
 99 100
 42 30.3 13.6 20.4#
 71 40.2 24.6 36.8#





#15

Benzyl Alcohol

Concen: 2.00 ng

RT: 7.75 min Scan# 539

Delta R.T. -0.07 min

Lab File: BF087380.D

Acq: 25 May 2016 19:35

Instrument :

BNA_F

ClientSampleId :

TA-1320-(0-4)

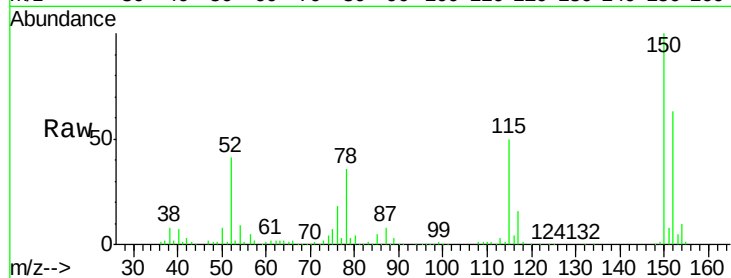
Tgt Ion: 79 Resp: 12281

Ion Ratio Lower Upper

79 100

108 28.8 68.4 102.6#

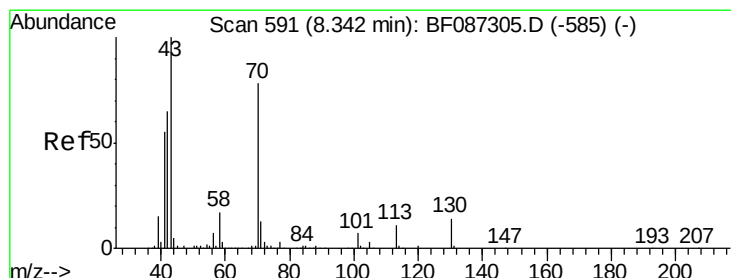
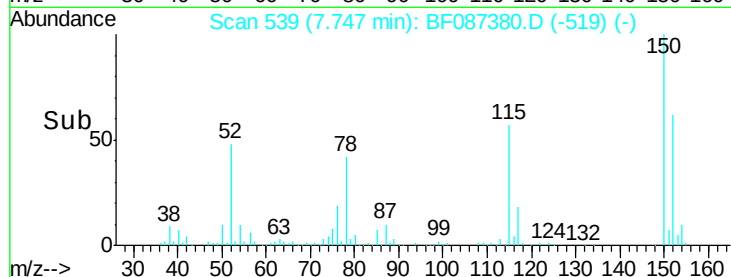
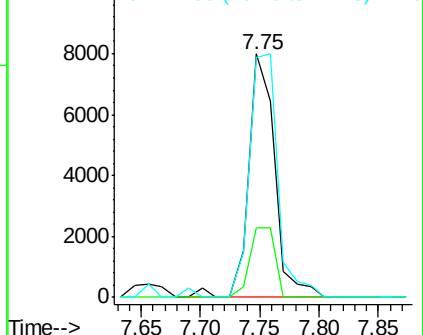
77 98.7 50.6 76.0#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 15.07 ng

RT: 8.43 min Scan# 599

Delta R.T. 0.18 min

Lab File: BF087380.D

Acq: 25 May 2016 19:35

Tgt Ion: 70 Resp: 94437

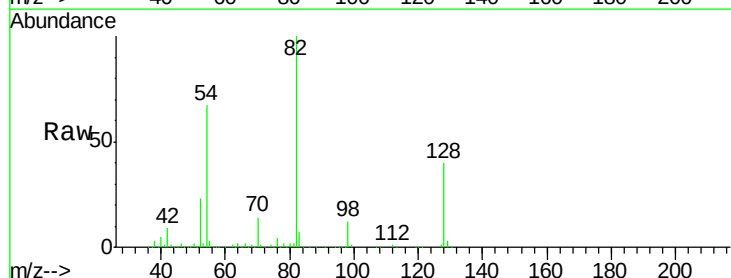
Ion Ratio Lower Upper

70 100

42 63.3 43.1 64.7

101 0.0 8.1 12.1#

130 1.9 18.6 28.0#

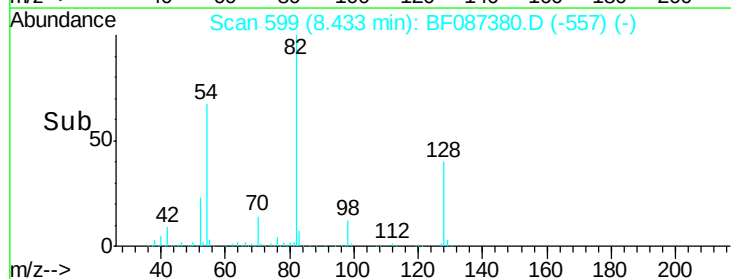
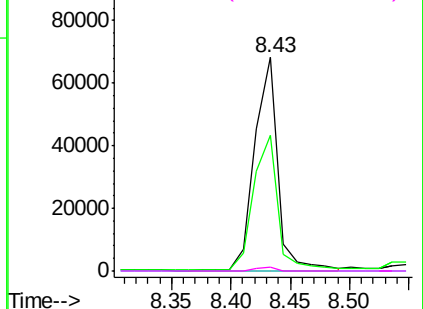


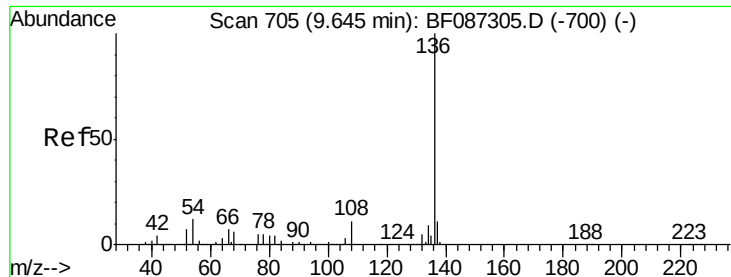
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

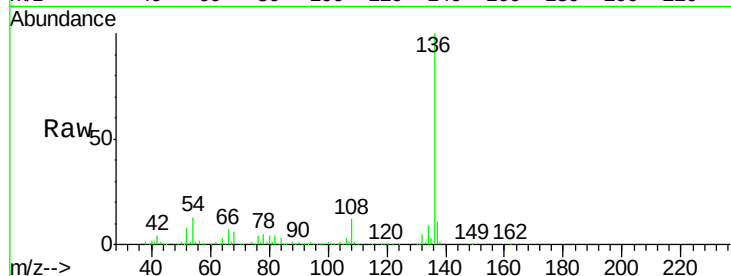




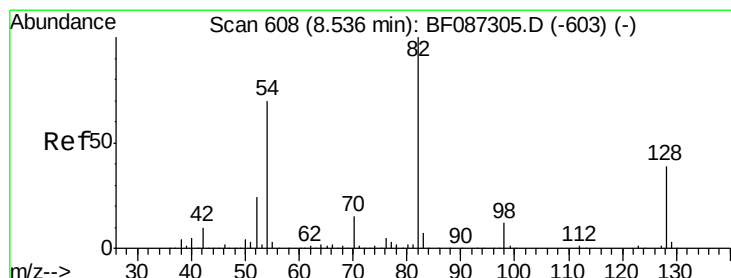
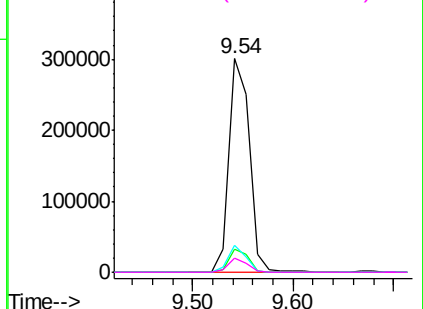
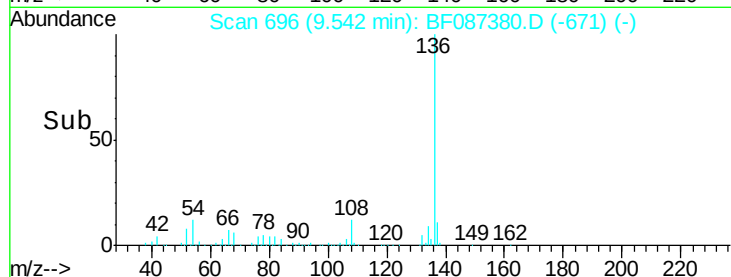
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF087380.D
Acq: 25 May 2016 19:35

Instrument :
BNA_F
ClientSampleId :
TA-1320-(0-4)

Tgt Ion:	136	Resp:	425375
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	12.6	5.0	7.4#
68	6.4	4.4	6.6

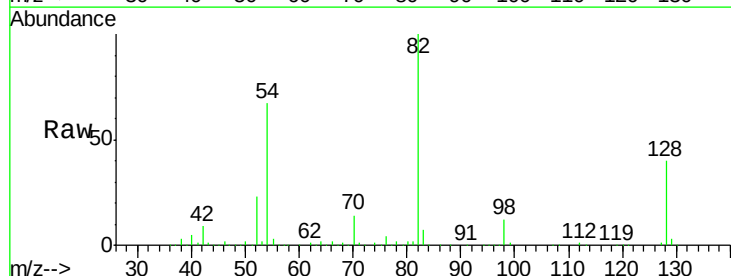


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

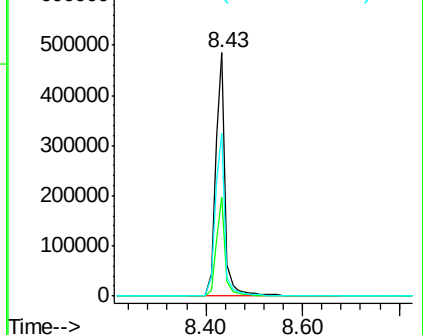
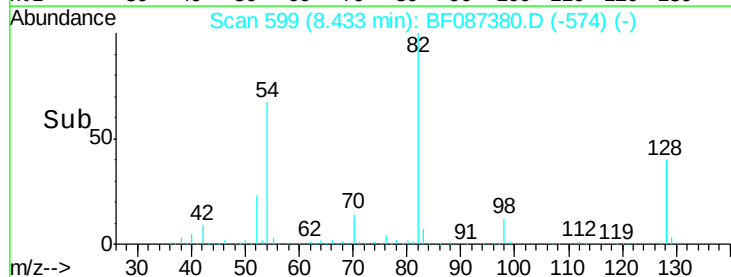


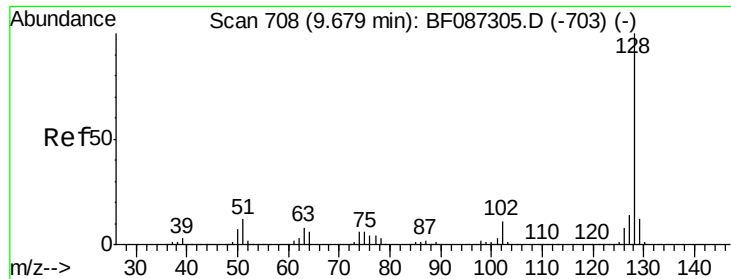
#23
Nitrobenzene-d5
Concen: 80.09 ng
RT: 8.43 min Scan# 599
Delta R.T. -0.01 min
Lab File: BF087380.D
Acq: 25 May 2016 19:35

Tgt Ion:	82	Resp:	675955
Ion	Ratio	Lower	Upper
82	100		
128	40.5	40.6	61.0#
54	67.1	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

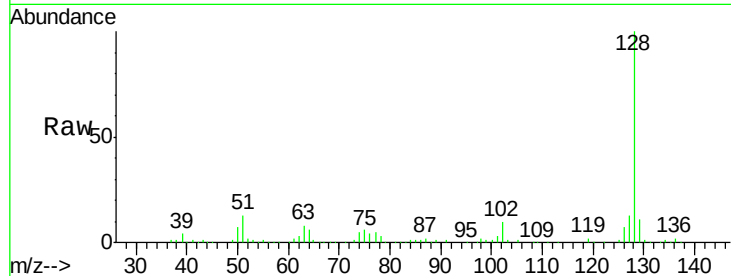




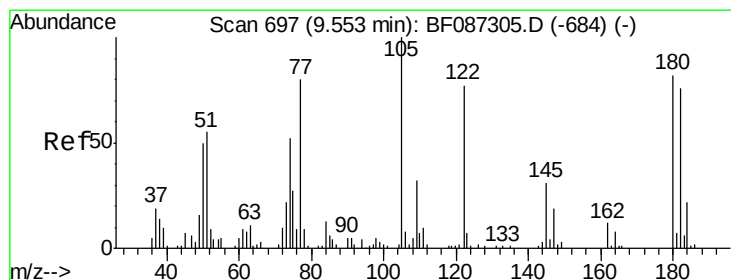
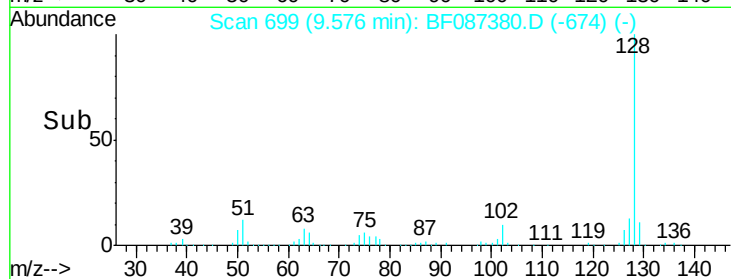
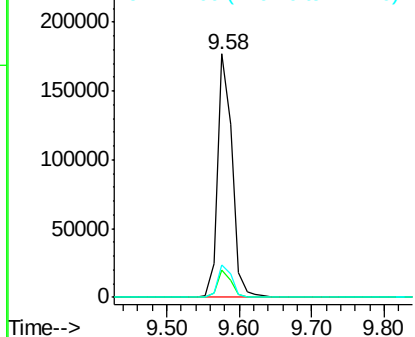
#31
Naphthalene
Concen: 11.48 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF087380.D
Acq: 25 May 2016 19:35

Instrument :
BNA_F
ClientSampleId :
TA-1320-(0-4)

Tgt Ion:128 Resp: 244773
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.2 10.8 16.2

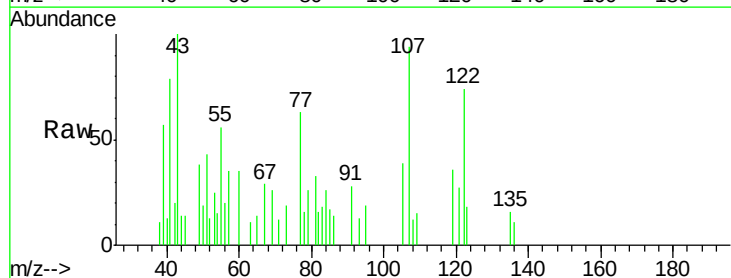


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

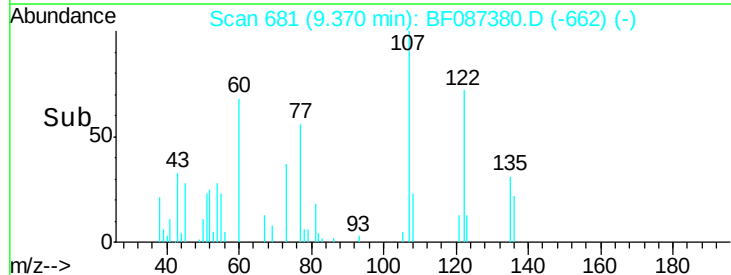
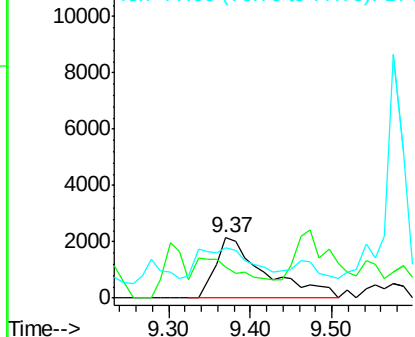


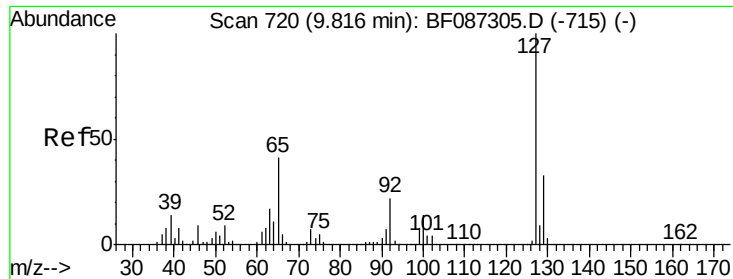
#32
Benzoic acid
Concen: 8.27 ng
RT: 9.37 min Scan# 681
Delta R.T. -0.08 min
Lab File: BF087380.D
Acq: 25 May 2016 19:35

Tgt Ion:122 Resp: 9065
Ion Ratio Lower Upper
122 100
105 51.9 92.6 132.6#
77 84.3 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

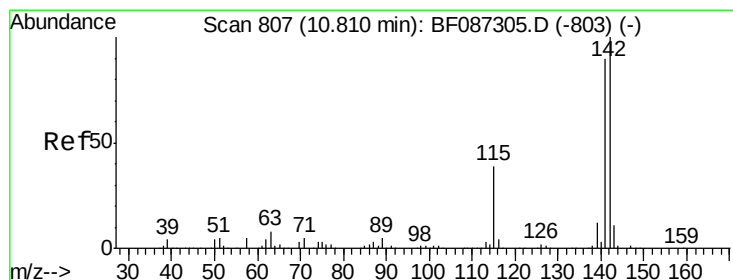
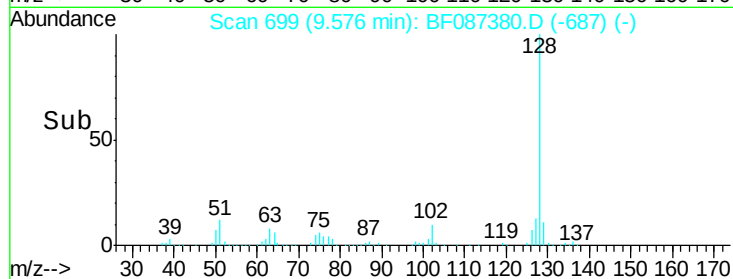
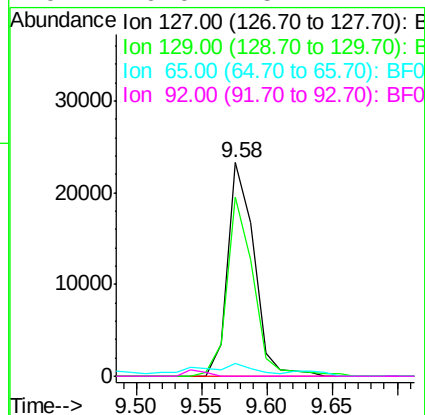
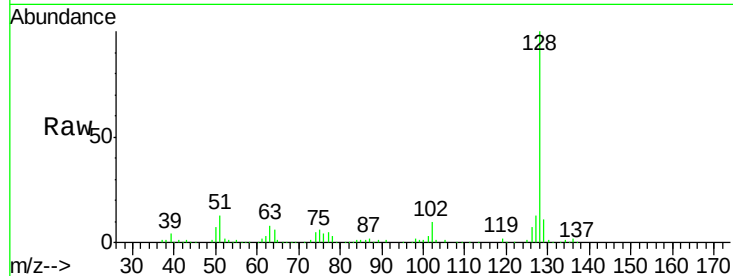




#33
 4-Chloroaniline
 Concen: 4.18 ng
 RT: 9.58 min Scan# 699
 Delta R.T. -0.16 min
 Lab File: BF087380.D
 Acq: 25 May 2016 19:35

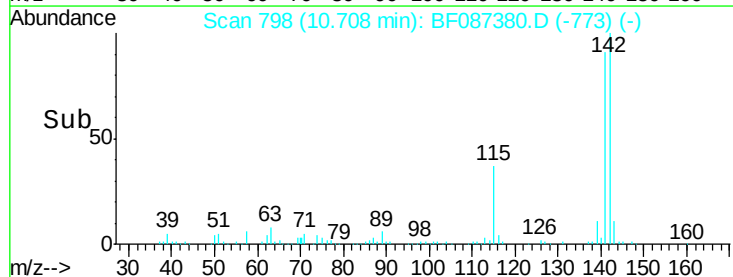
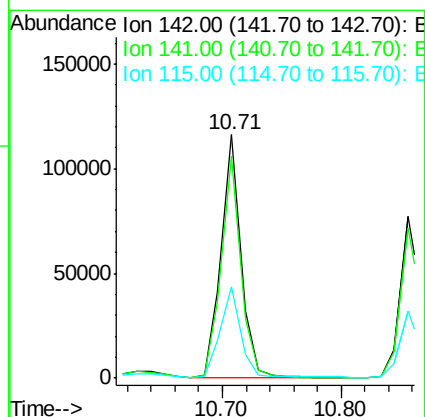
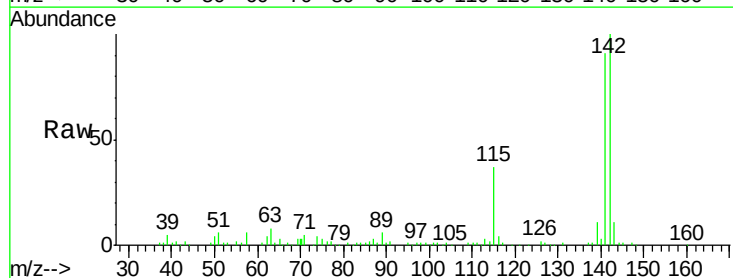
Instrument :
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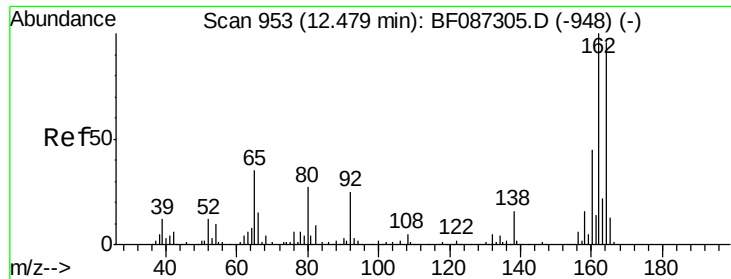
Tgt Ion:	127	Resp:	32789
Ion	Ratio	Lower	Upper
127	100		
129	84.1	26.2	39.4#
65	5.9	23.0	34.4#
92	0.0	15.1	22.7#



#37
 2-Methylnaphthalene
 Concen: 10.21 ng
 RT: 10.71 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF087380.D
 Acq: 25 May 2016 19:35

Tgt Ion:	142	Resp:	135891
Ion	Ratio	Lower	Upper
142	100		
141	91.0	71.0	106.6
115	37.4	26.6	39.8

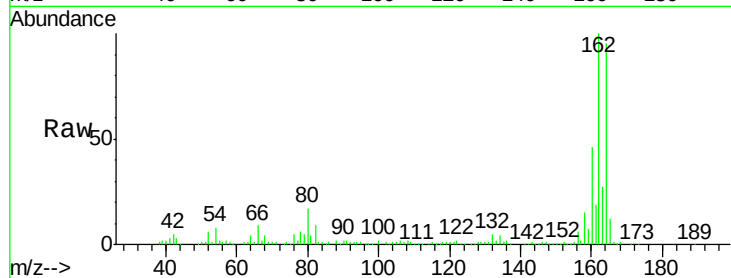




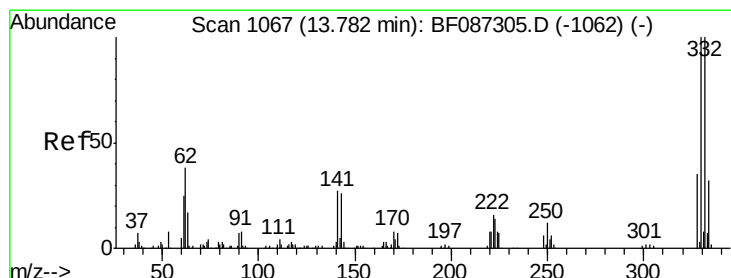
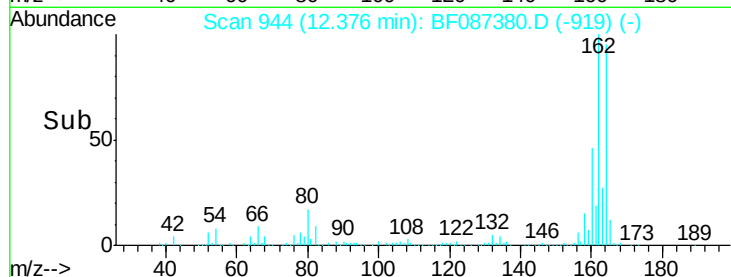
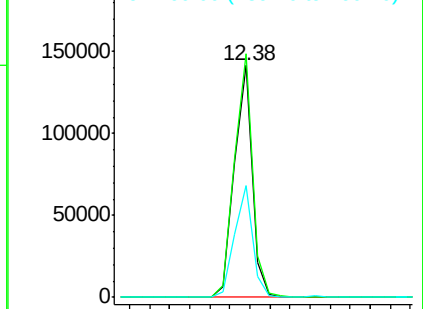
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.38 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BF087380.D
 Acq: 25 May 2016 19:35

Instrument :
 BNA_F
 ClientSampleId :
 TA-1320-(0-4)

Tgt Ion:164 Resp: 174770
 Ion Ratio Lower Upper
 164 100
 162 105.1 82.8 124.2
 160 48.0 36.9 55.3

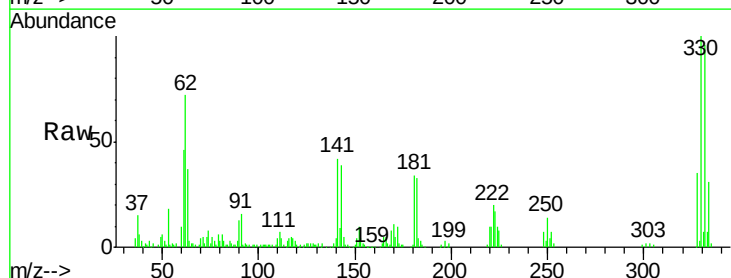


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

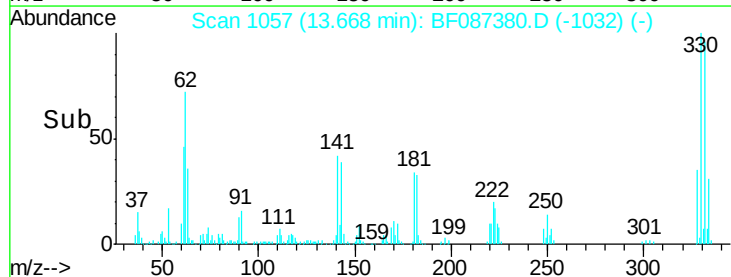
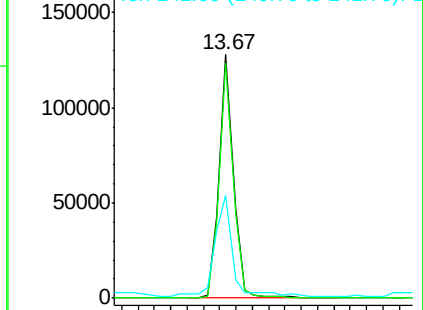


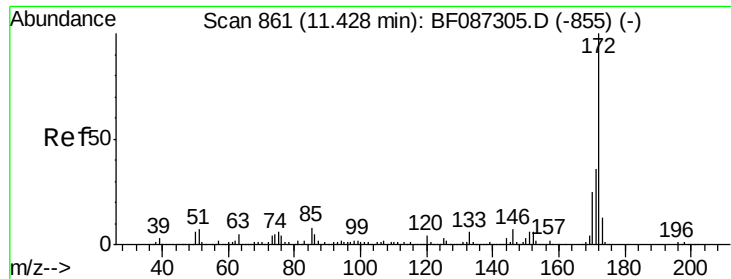
#41
 2,4,6-Tribromophenol
 Concen: 93.39 ng
 RT: 13.67 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BF087380.D
 Acq: 25 May 2016 19:35

Tgt Ion:330 Resp: 156854
 Ion Ratio Lower Upper
 330 100
 332 95.7 79.0 118.4
 141 53.3 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

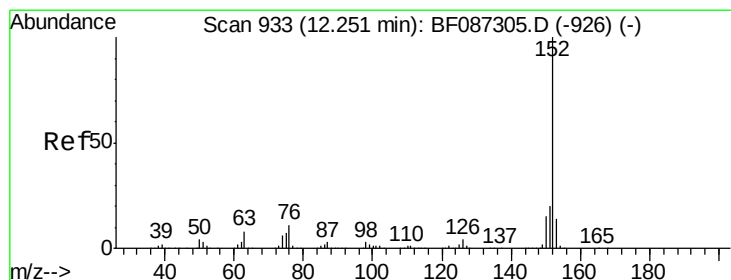
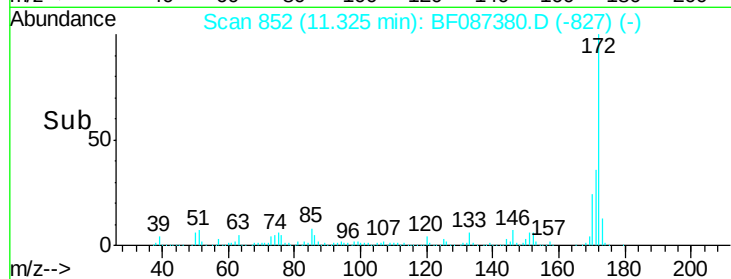
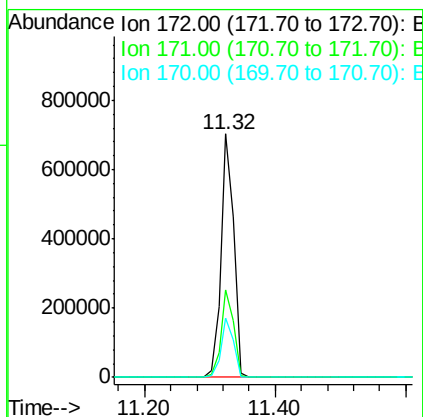
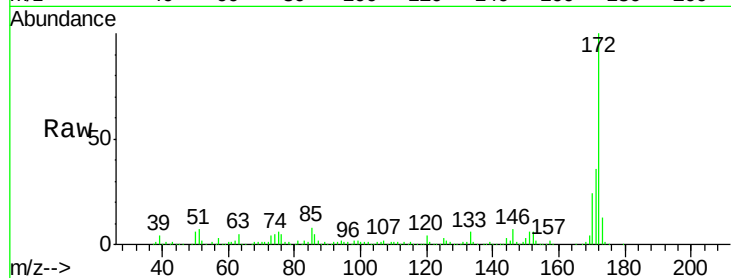




#44
2-Fluorobiphenyl
Concen: 78.49 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF087380.D
Acq: 25 May 2016 19:35

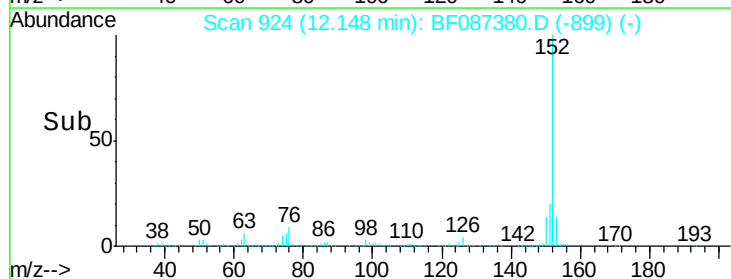
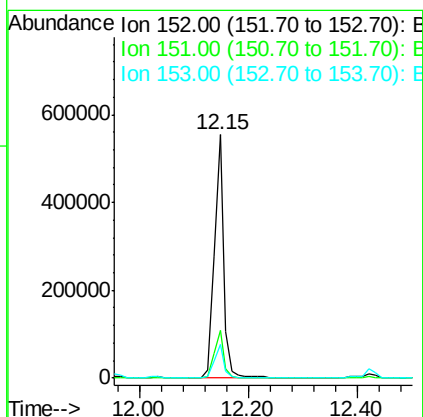
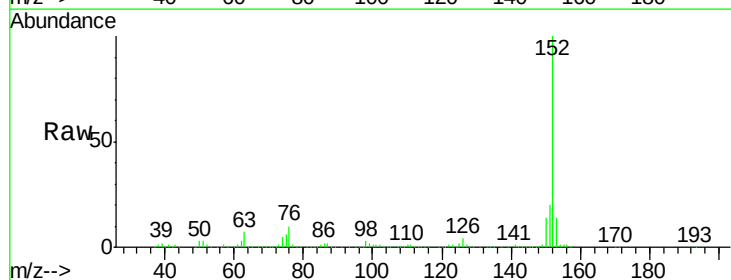
Instrument :
BNA_F
ClientSampleId :
TA-1320-(0-4)

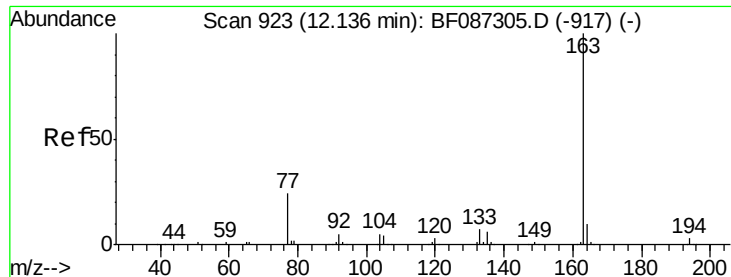
Tgt Ion:172 Resp: 973035
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.6
170 24.4 19.8 29.8



#48
Acenaphthylene
Concen: 38.89 ng
RT: 12.15 min Scan# 924
Delta R.T. -0.01 min
Lab File: BF087380.D
Acq: 25 May 2016 19:35

Tgt Ion:152 Resp: 693180
Ion Ratio Lower Upper
152 100
151 19.9 16.8 25.2
153 13.8 10.9 16.3

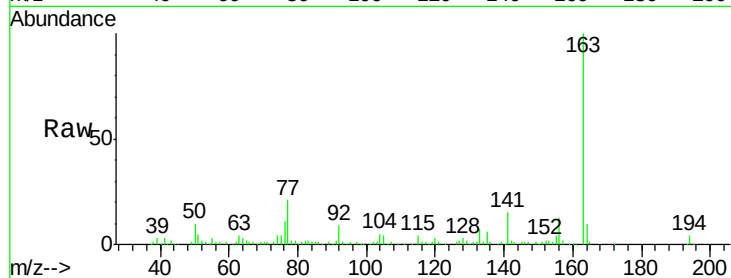




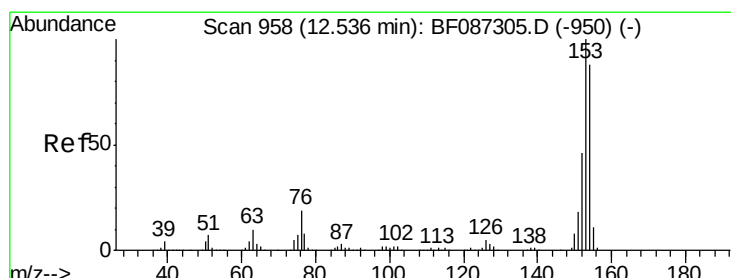
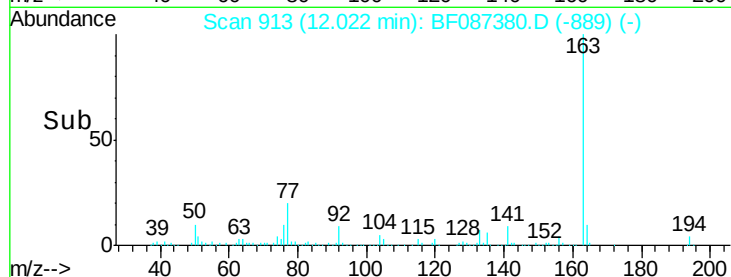
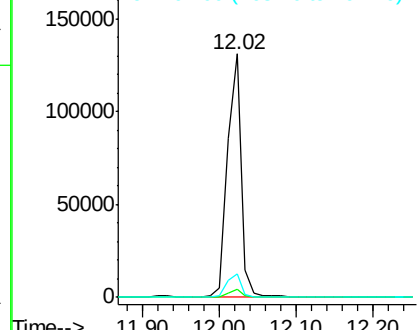
#49
Dimethylphthalate
Concen: 12.00 ng
RT: 12.02 min Scan# 913
Delta R.T. -0.02 min
Lab File: BF087380.D
Acq: 25 May 2016 19:35

Instrument :
BNA_F
ClientSampleId :
TA-1320-(0-4)

Tgt Ion:163 Resp: 168061
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 9.8 8.2 12.4

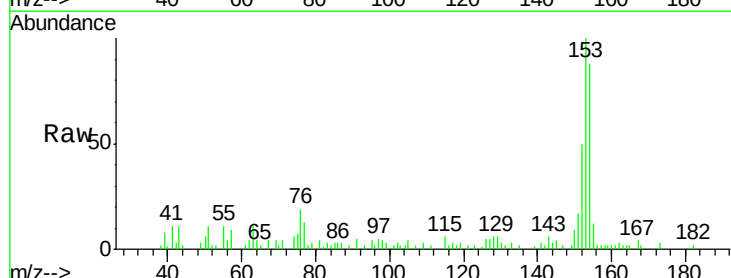


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

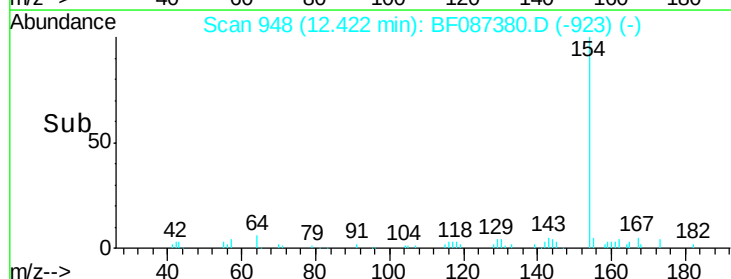
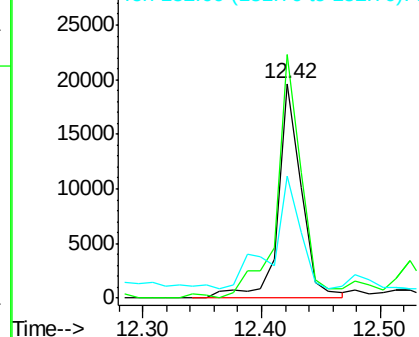


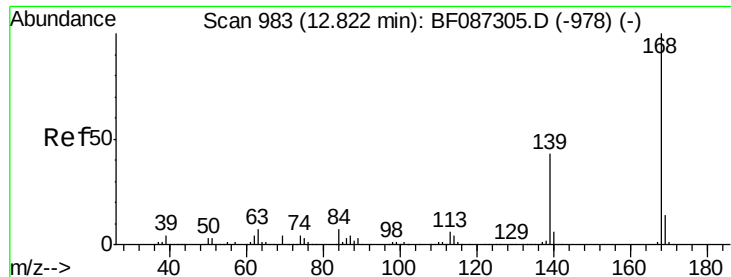
#51
Acenaphthene
Concen: 2.42 ng
RT: 12.42 min Scan# 948
Delta R.T. -0.01 min
Lab File: BF087380.D
Acq: 25 May 2016 19:35

Tgt Ion:154 Resp: 26466
Ion Ratio Lower Upper
154 100
153 113.5 89.8 134.6
152 56.9 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

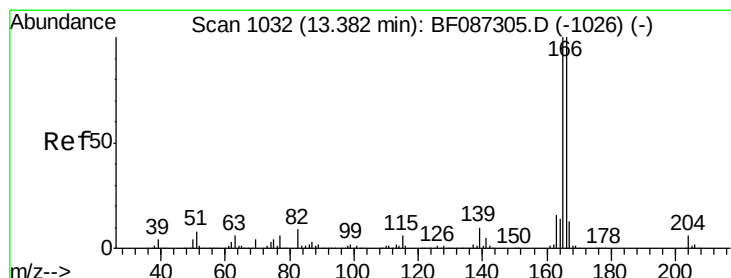
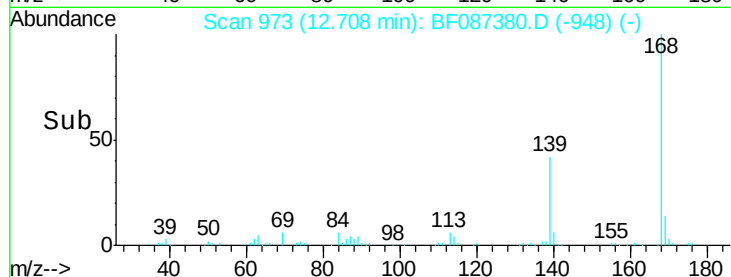
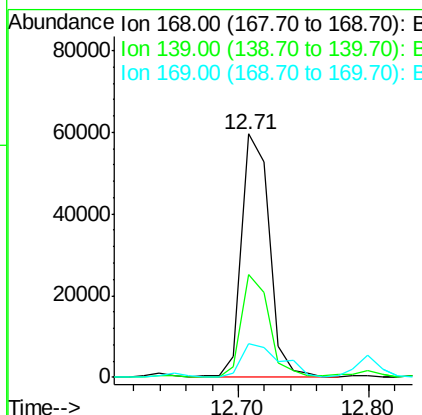
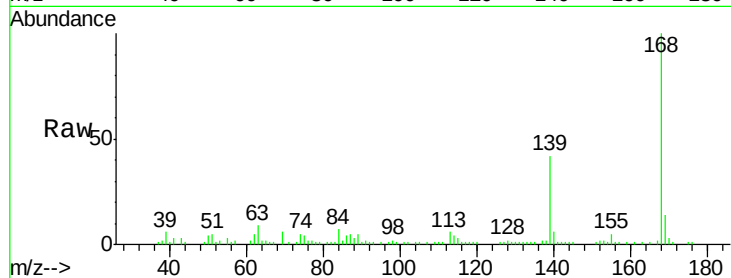




#54
Dibenzenofuran
Concen: 5.94 ng
RT: 12.71 min Scan# 973
Delta R.T. -0.01 min
Lab File: BF087380.D
Acq: 25 May 2016 19:35

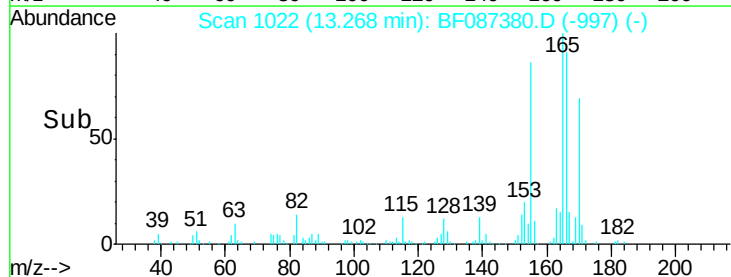
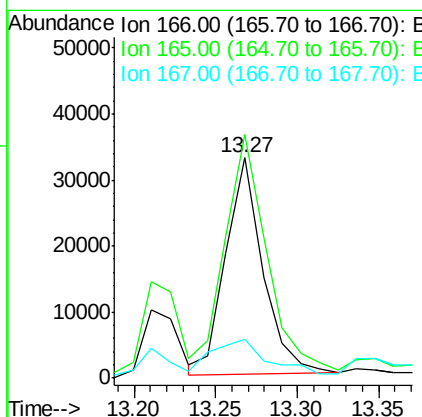
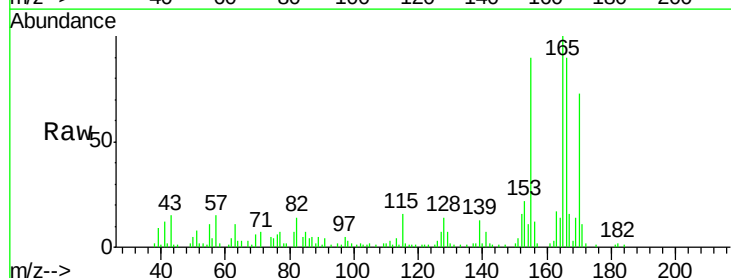
Instrument :
BNA_F
ClientSampleId :
TA-1320-(0-4)

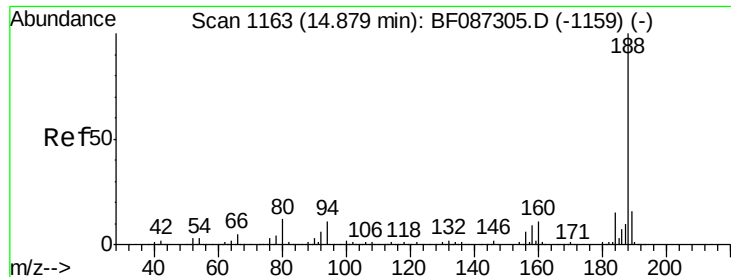
Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.1	31.4	47.0
169	14.0	10.7	16.1



#57
Fluorene
Concen: 4.03 ng
RT: 13.27 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF087380.D
Acq: 25 May 2016 19:35

Tgt Ion	Ratio	Lower	Upper
166	100		
165	110.7	79.0	118.6
167	17.5	10.6	15.8#

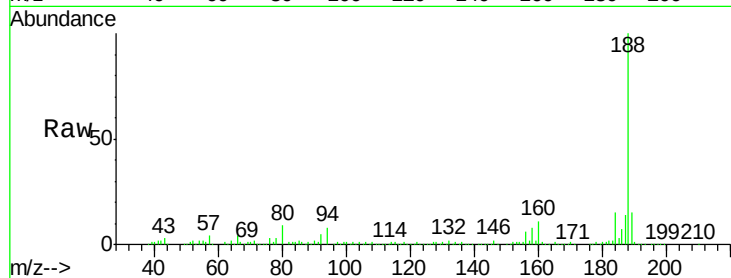




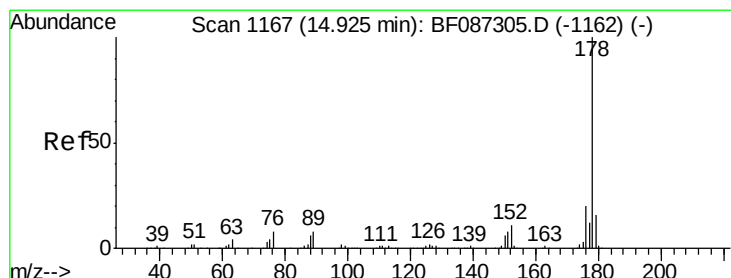
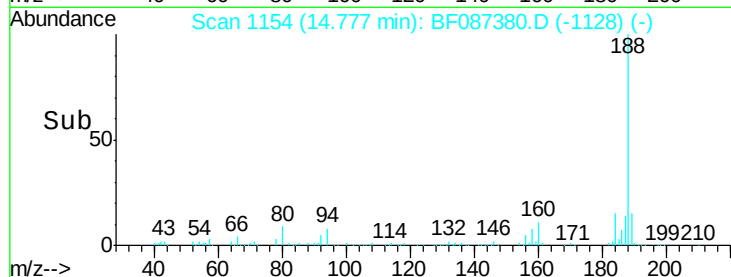
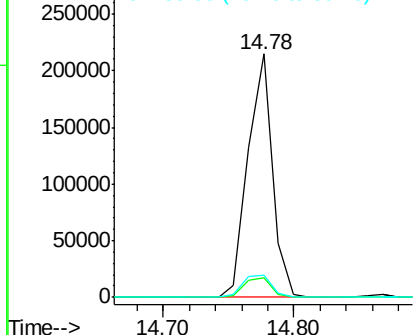
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.78 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BF087380.D
Acq: 25 May 2016 19:35

Instrument :
BNA_F
ClientSampleId :
TA-1320-(0-4)

Tgt Ion:188 Resp: 281187
Ion Ratio Lower Upper
188 100
94 8.0 6.8 10.2
80 9.2 7.1 10.7

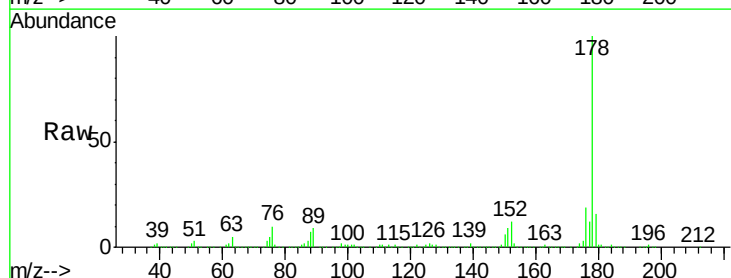


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

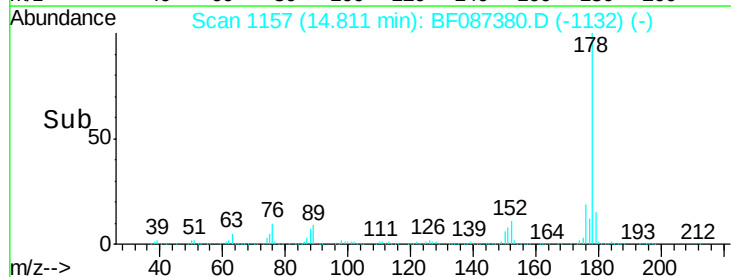
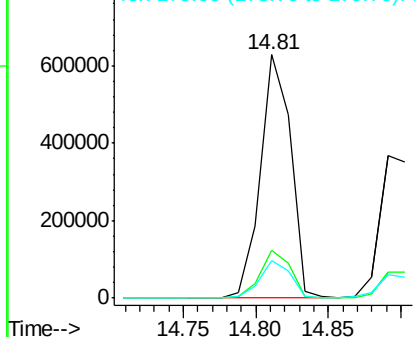


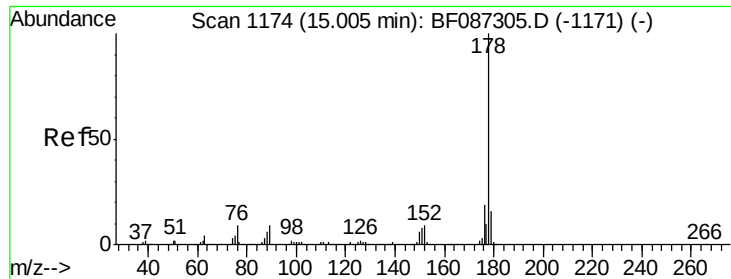
#70
Phenanthrene
Concen: 58.28 ng
RT: 14.81 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF087380.D
Acq: 25 May 2016 19:35

Tgt Ion:178 Resp: 907699
Ion Ratio Lower Upper
178 100
176 19.4 16.0 24.0
179 15.6 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

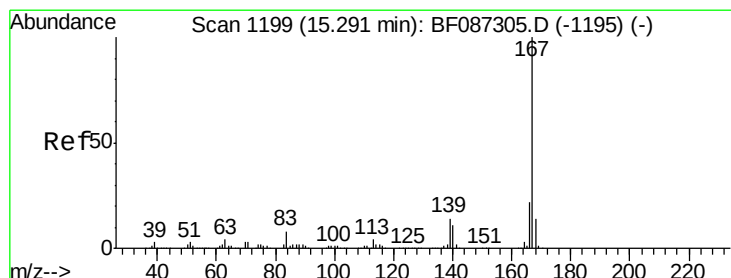
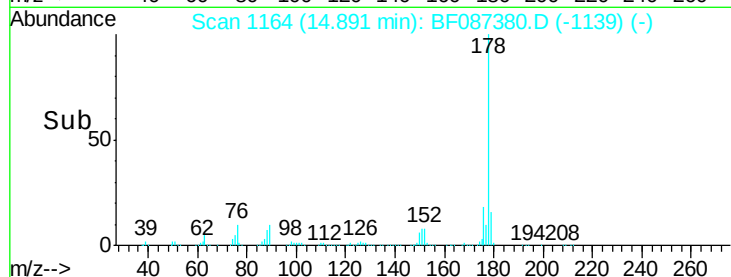
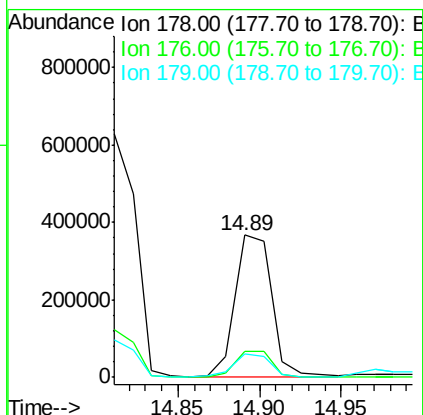
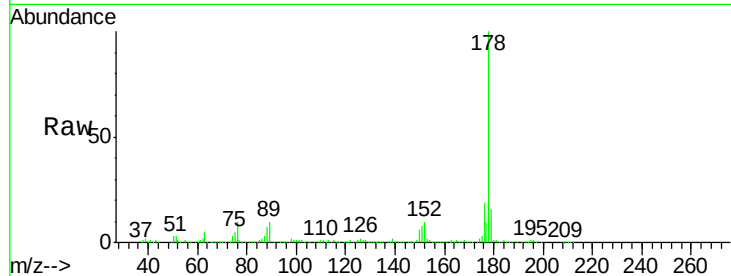




#71
 Anthracene
 Concen: 35.86 ng
 RT: 14.89 min Scan# 1164
 Delta R.T. -0.01 min
 Lab File: BF087380.D
 Acq: 25 May 2016 19:35

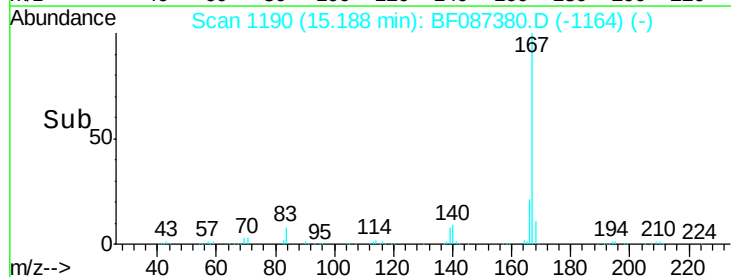
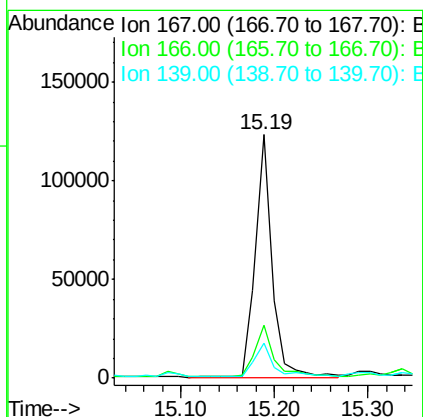
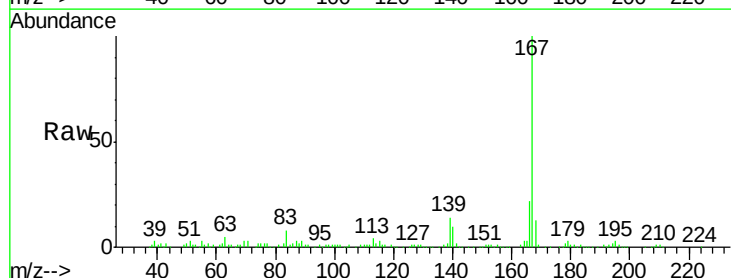
Instrument :
 BNA_F
 ClientSampleId :
 TA-1320-(0-4)

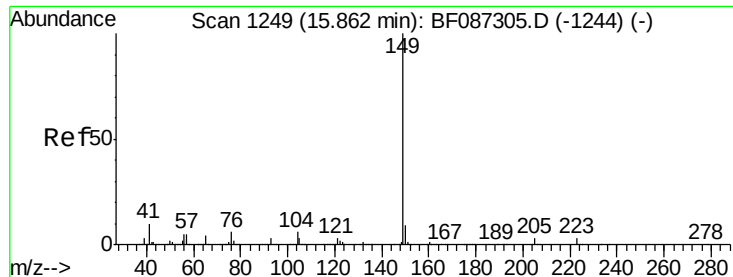
Tgt Ion:178 Resp: 564162
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.6 23.4
 179 16.3 12.7 19.1



#72
 Carbazole
 Concen: 11.36 ng
 RT: 15.19 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: BF087380.D
 Acq: 25 May 2016 19:35

Tgt Ion:167 Resp: 152388
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.7 26.5
 139 14.3 10.8 16.2

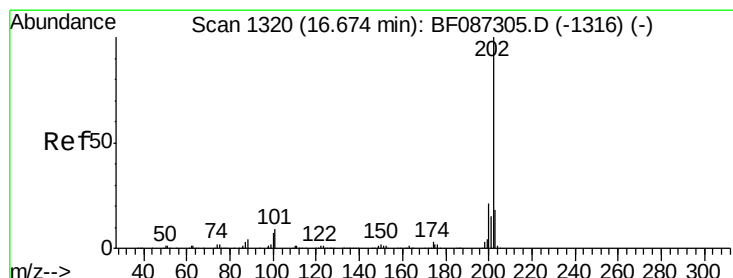
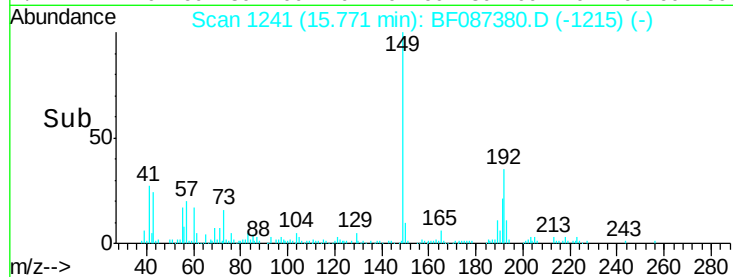
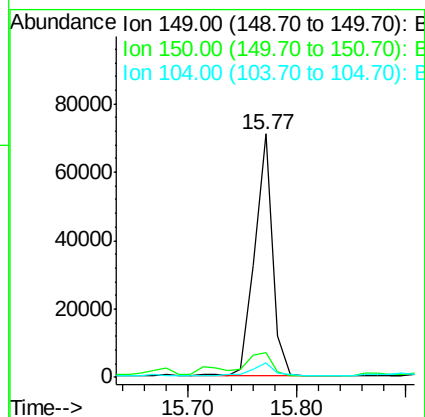
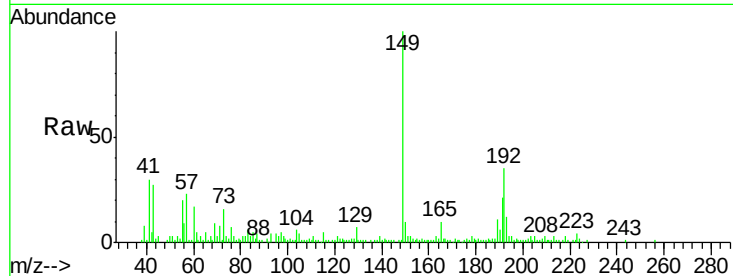




#73
Di-n-butylphthalate
Concen: 4.70 ng
RT: 15.77 min Scan# 1241
Delta R.T. -0.00 min
Lab File: BF087380.D
Acq: 25 May 2016 19:35

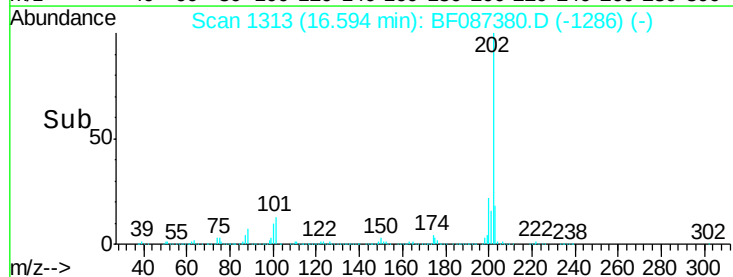
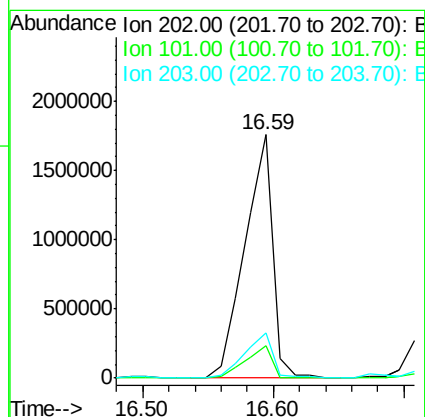
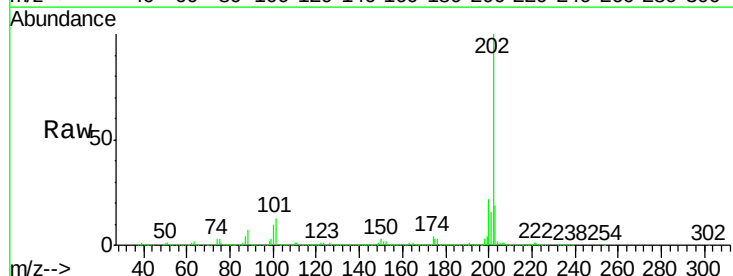
Instrument :
BNA_F
ClientSampleId :
TA-1320-(0-4)

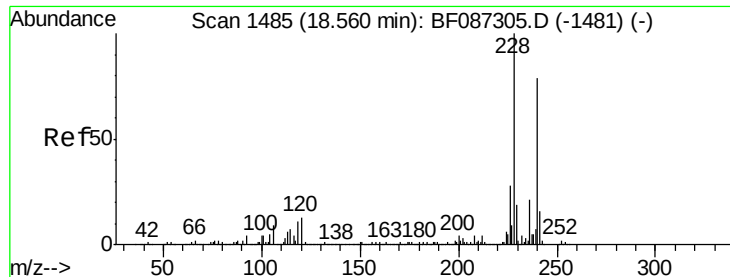
Tgt Ion:149 Resp: 81620
Ion Ratio Lower Upper
149 100
150 10.4 7.6 11.4
104 5.7 3.8 5.6#



#74
Fluoranthene
Concen: 166.86 ng
RT: 16.59 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF087380.D
Acq: 25 May 2016 19:35

Tgt Ion:202 Resp: 2606128
Ion Ratio Lower Upper
202 100
101 13.5 0.0 35.4
203 18.5 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.49 min Scan# 1479

Delta R.T. 0.01 min

Lab File: BF087380.D

Acq: 25 May 2016 19:35

Instrument :

BNA_F

ClientSampleId :

TA-1320-(0-4)

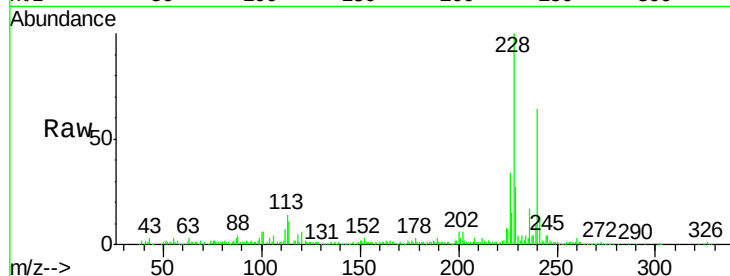
Tgt Ion:240 Resp: 221003

Ion Ratio Lower Upper

240 100

120 9.5 11.2 16.8#

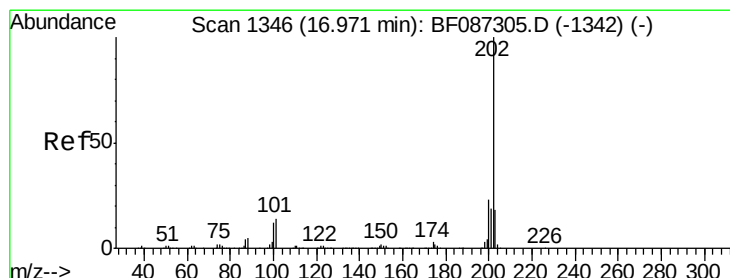
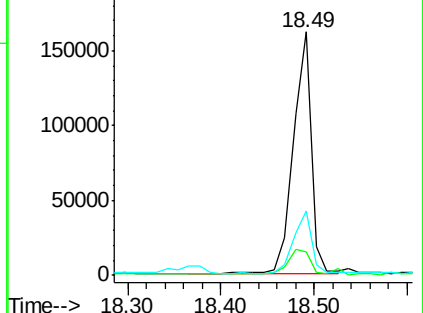
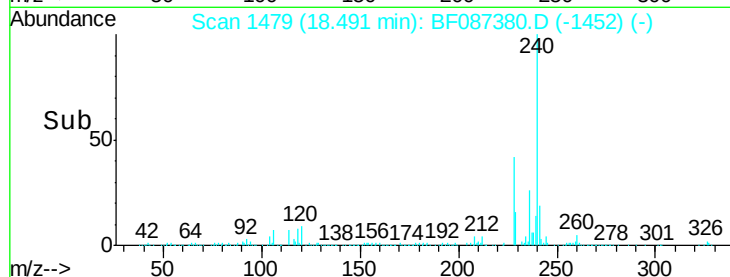
236 26.5 21.2 31.8



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: 19.58 ng

RT: 16.71 min Scan# 1323

Delta R.T. -0.17 min

Lab File: BF087380.D

Acq: 25 May 2016 19:35

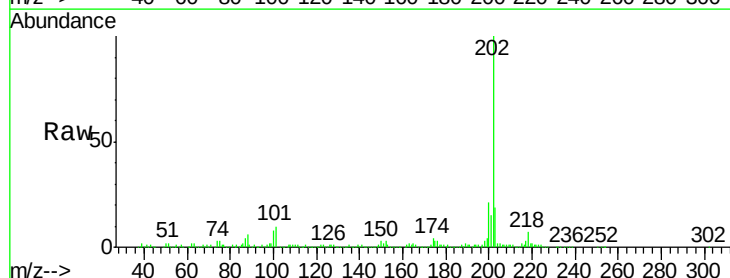
Tgt Ion:202 Resp: 311467

Ion Ratio Lower Upper

202 100

200 21.2 17.7 26.5

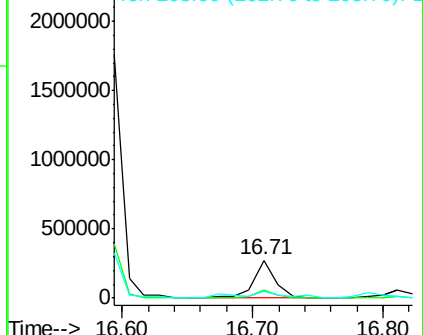
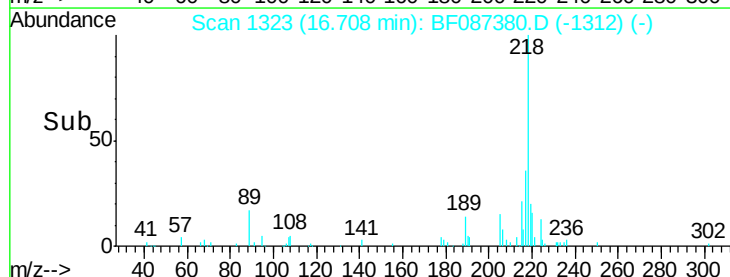
203 18.5 14.2 21.4

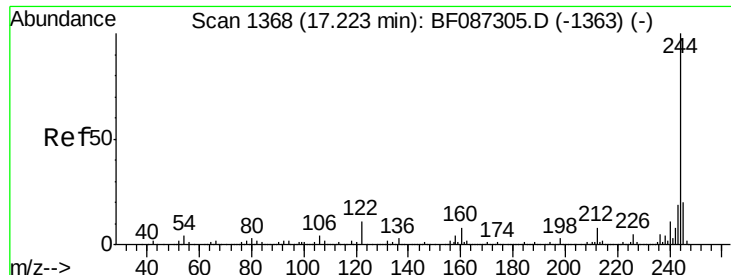


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 66.94 ng

RT: 17.13 min Scan# 1360

Delta R.T. -0.00 min

Lab File: BF087380.D

Acq: 25 May 2016 19:35

Instrument :

BNA_F

ClientSampleId :

TA-1320-(0-4)

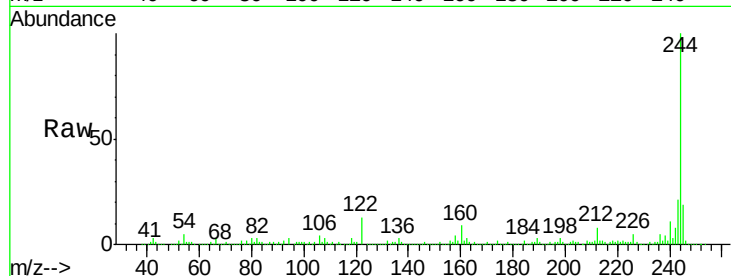
Tgt Ion:244 Resp: 695870

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

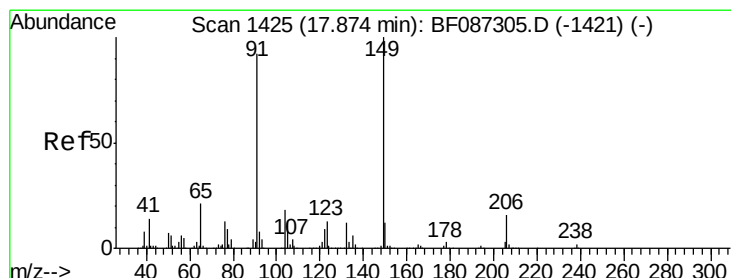
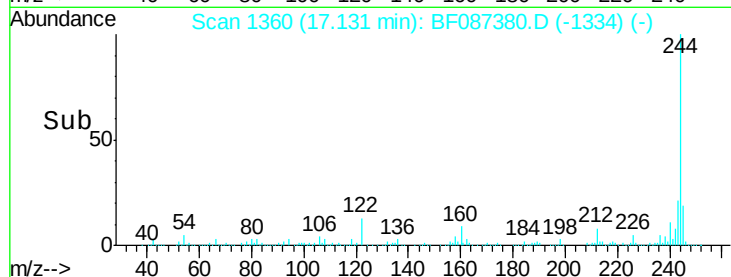
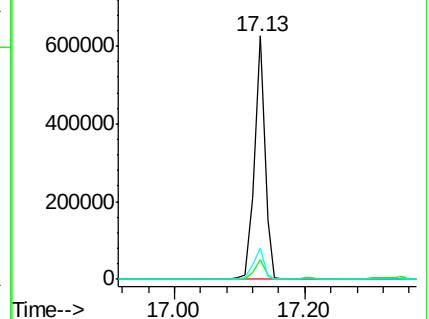
122 12.7 12.0 18.0



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: 26.30 ng

RT: 17.81 min Scan# 1419

Delta R.T. 0.01 min

Lab File: BF087380.D

Acq: 25 May 2016 19:35

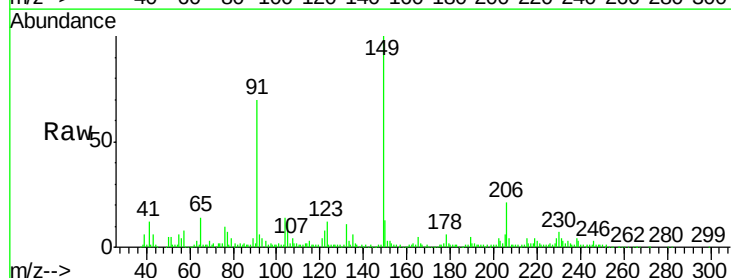
Tgt Ion:149 Resp: 185549

Ion Ratio Lower Upper

149 100

91 69.8 48.0 72.0

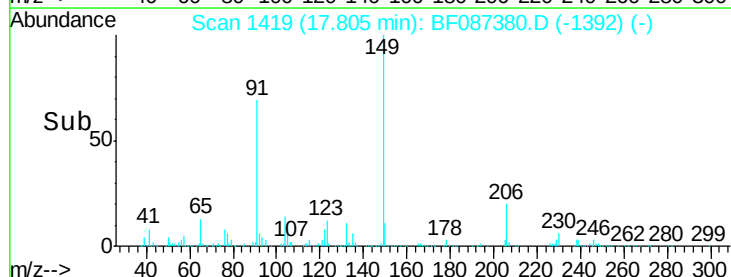
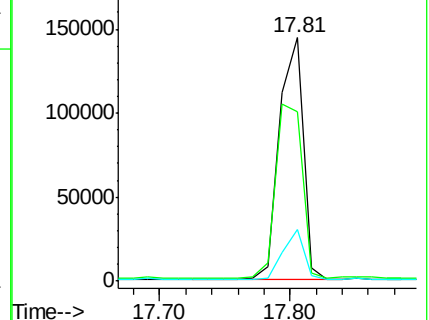
206 20.9 15.8 23.6

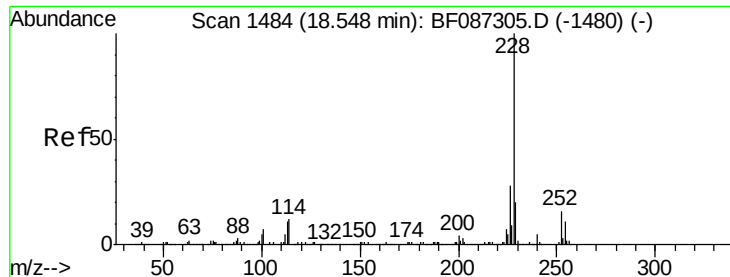


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 139.09 ng

RT: 18.48 min Scan# 1478

Delta R.T. 0.02 min

Lab File: BF087380.D

Acq: 25 May 2016 19:35

Instrument :

BNA_F

ClientSampleId :

TA-1320-(0-4)

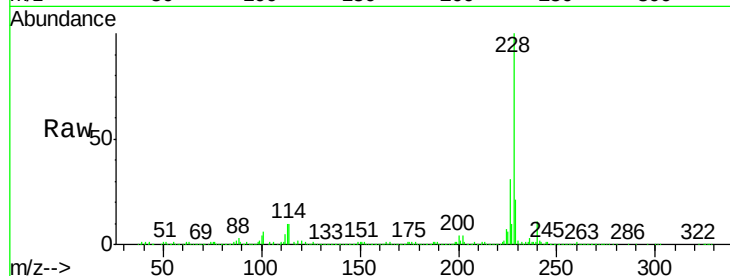
Tgt Ion:228 Resp: 1748560

Ion Ratio Lower Upper

228 100

226 31.1 22.5 33.7

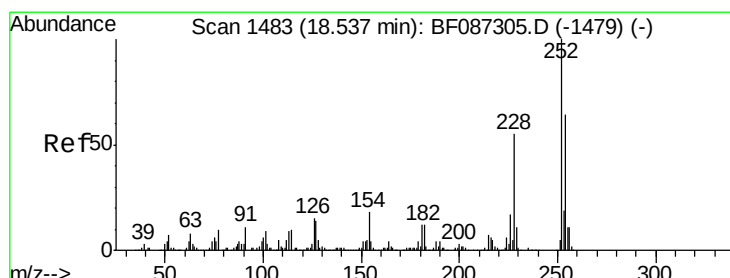
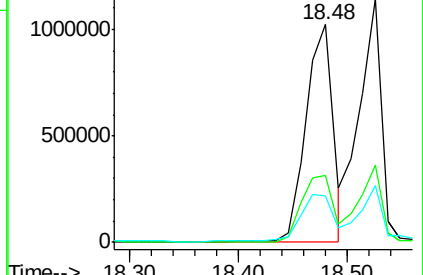
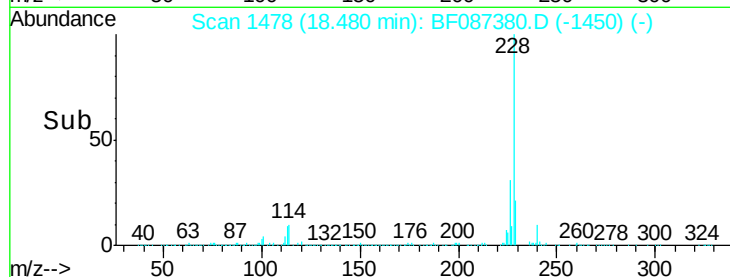
229 21.5 16.6 25.0



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



#81

3,3'-Dichlorobenzidine

Concen: 3.55 ng

RT: 18.54 min Scan# 1483

Delta R.T. 0.08 min

Lab File: BF087380.D

Acq: 25 May 2016 19:35

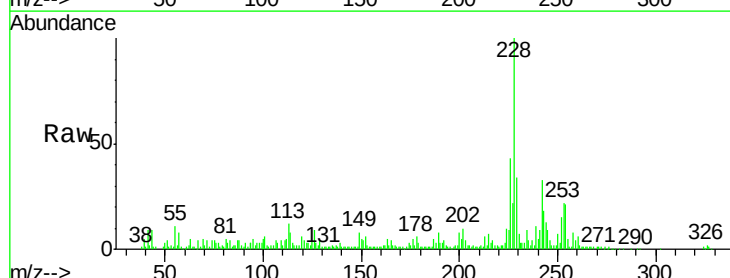
Tgt Ion:252 Resp: 24663

Ion Ratio Lower Upper

252 100

254 142.8 50.7 76.1#

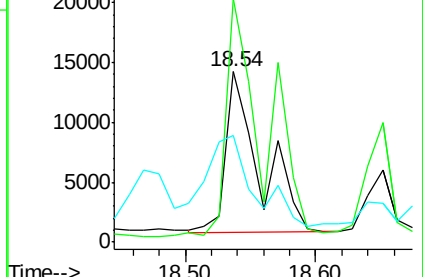
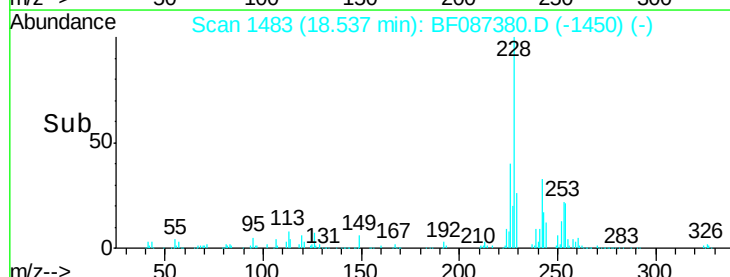
126 62.8 12.7 19.1#

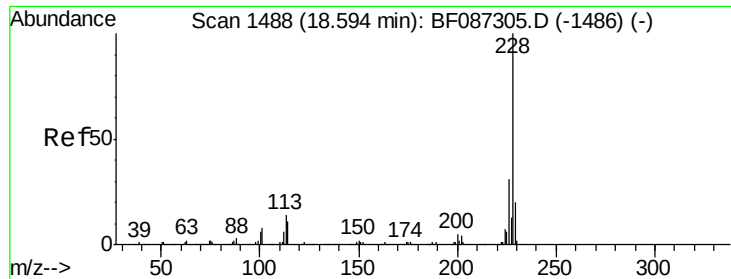


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 129.28 ng

RT: 18.53 min Scan# 1482

Delta R.T. 0.01 min

Lab File: BF087380.D

Acq: 25 May 2016 19:35

Instrument :

BNA_F

ClientSampleId :

TA-1320-(0-4)

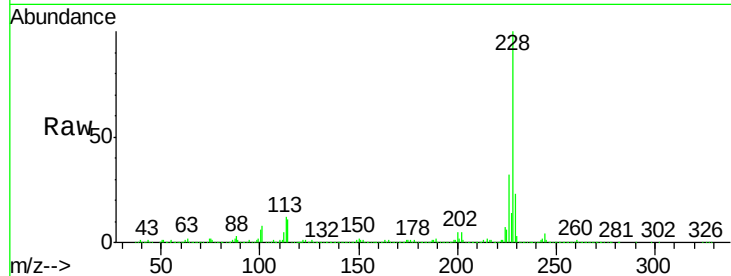
Tgt Ion:228 Resp: 1612948

Ion Ratio Lower Upper

228 100

226 31.9 24.4 36.6

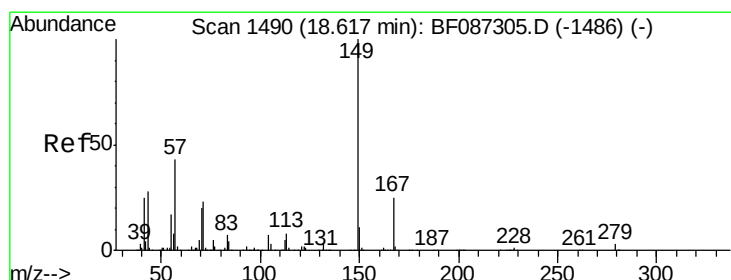
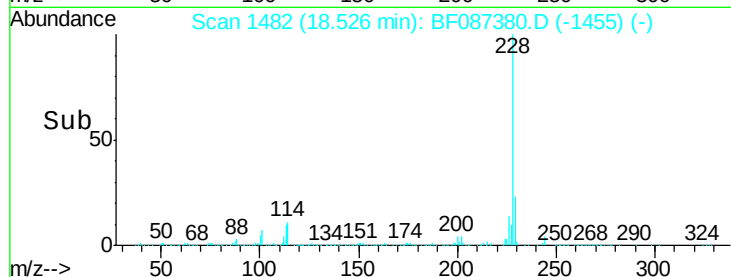
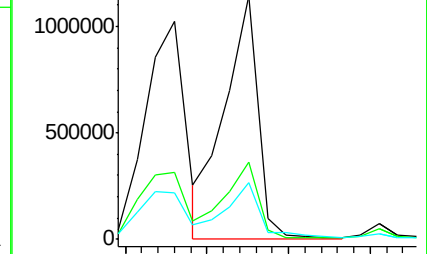
229 23.3 15.8 23.8



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.11 ng

RT: 18.55 min Scan# 1484

Delta R.T. 0.01 min

Lab File: BF087380.D

Acq: 25 May 2016 19:35

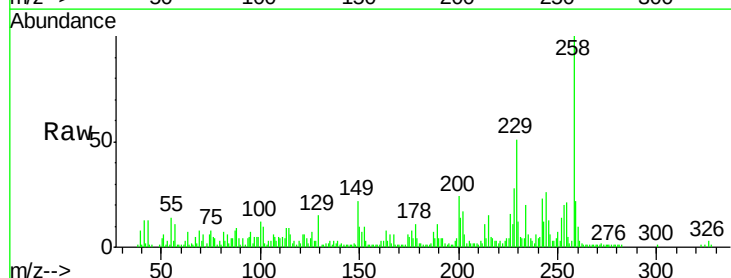
Tgt Ion:149 Resp: 21670

Ion Ratio Lower Upper

149 100

167 29.0 21.8 32.6

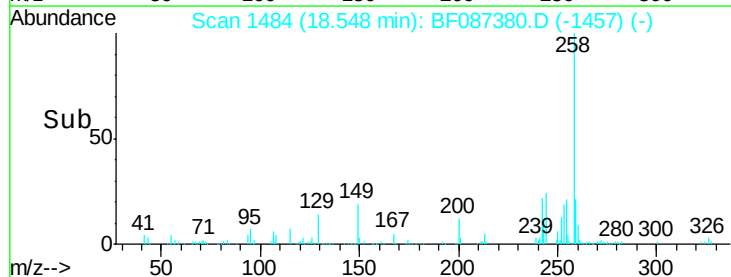
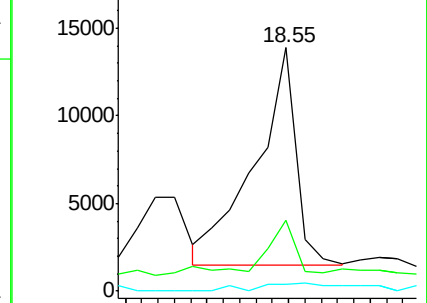
279 3.0 2.6 4.0

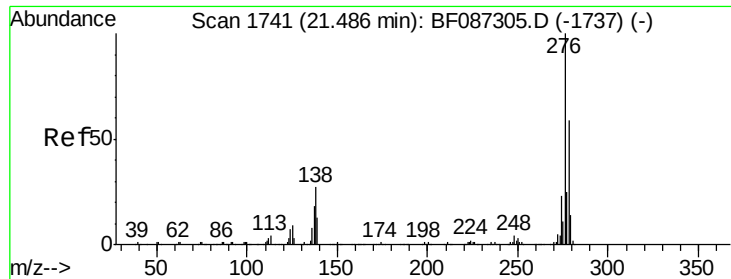


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

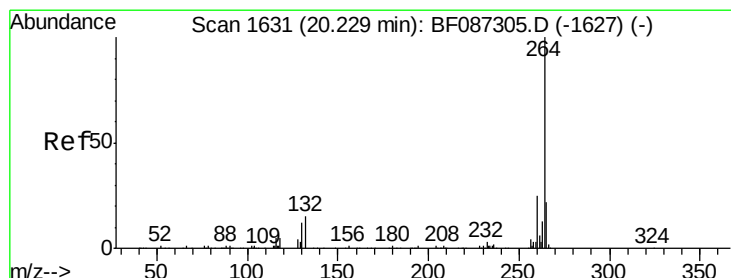
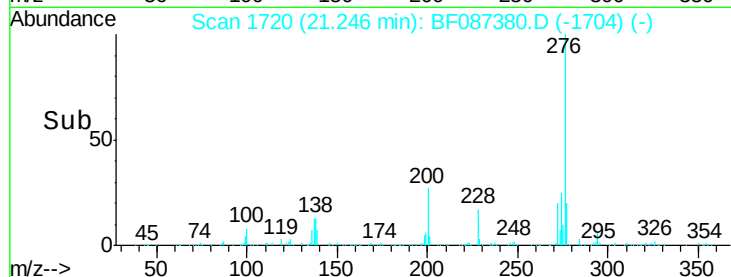
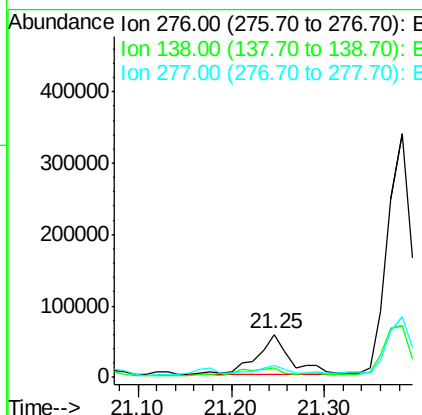
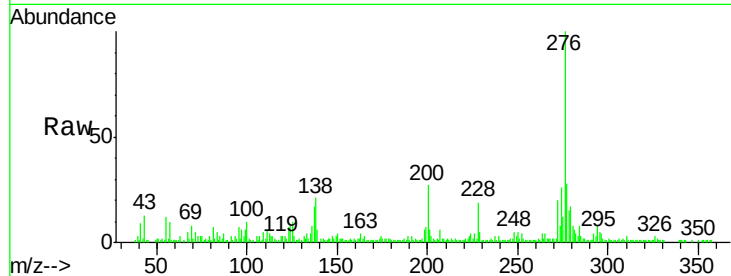




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 14.07 ng
 RT: 21.25 min Scan# 1720
 Delta R.T. -0.11 min
 Lab File: BF087380.D
 Acq: 25 May 2016 19:35

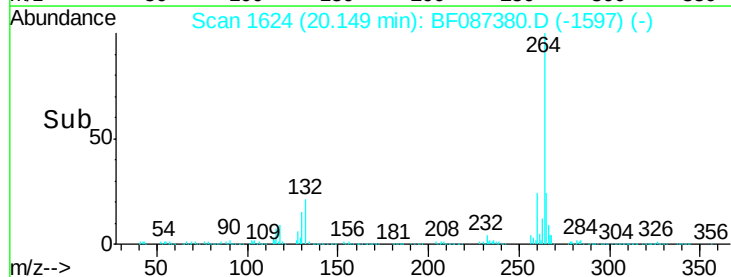
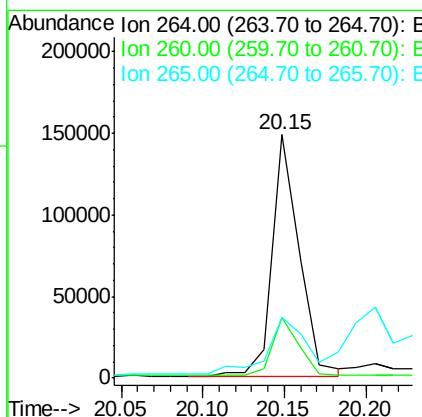
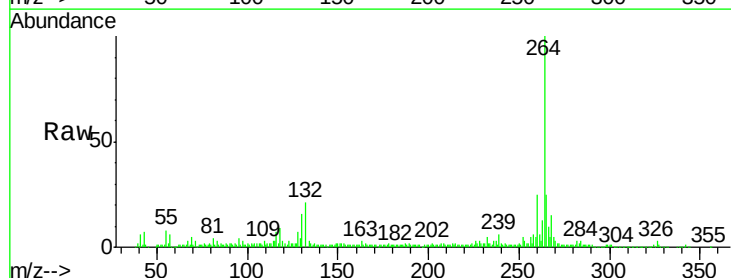
Instrument :
 BNA_F
 ClientSampleId :
 TA-1320-(0-4)

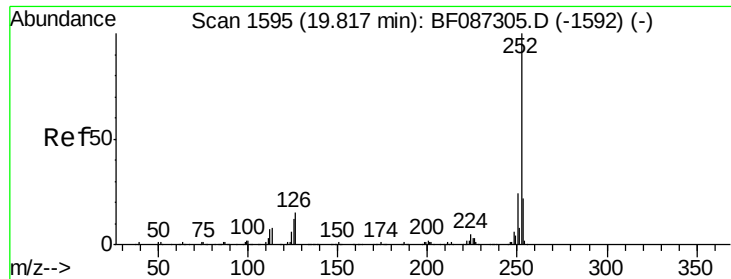
Tgt Ion: 276 Resp: 140683
 Ion Ratio Lower Upper
 276 100
 138 26.9 25.6 38.4
 277 20.6 20.5 30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.15 min Scan# 1624
 Delta R.T. 0.01 min
 Lab File: BF087380.D
 Acq: 25 May 2016 19:35

Tgt Ion: 264 Resp: 172521
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.5 29.3
 265 25.0 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 239.41 ng

RT: 19.76 min Scan# 1590

Delta R.T. 0.03 min

Lab File: BF087380.D

Acq: 25 May 2016 19:35

Instrument :

BNA_F

ClientSampleId :

TA-1320-(0-4)

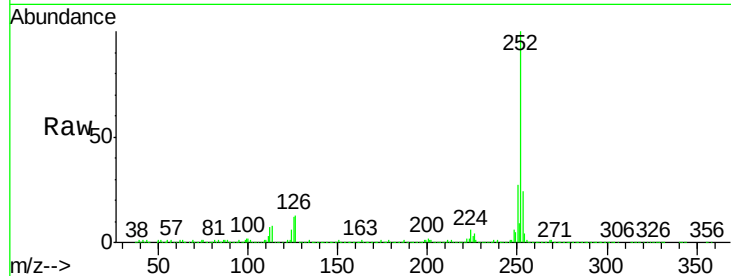
Tgt Ion:252 Resp: 2631011

Ion Ratio Lower Upper

252 100

253 23.6 17.8 26.6

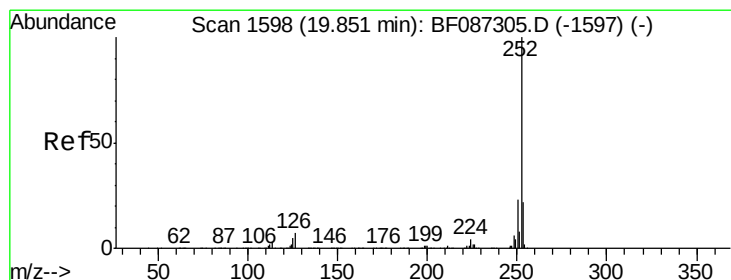
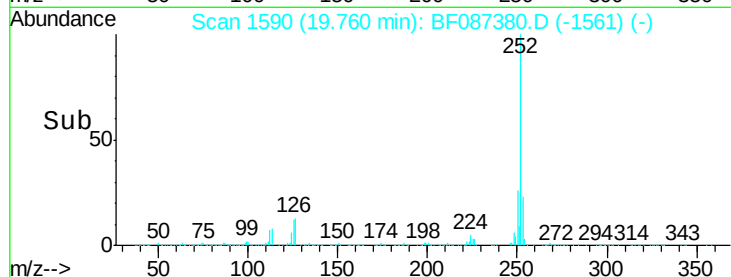
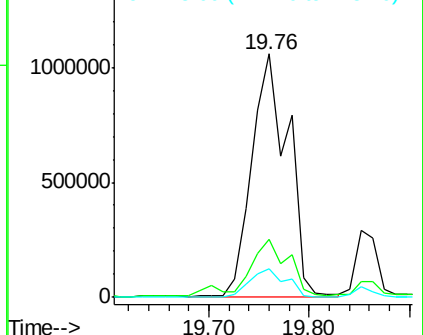
125 11.9 11.4 17.0



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: 278.15 ng

RT: 19.76 min Scan# 1590

Delta R.T. -0.00 min

Lab File: BF087380.D

Acq: 25 May 2016 19:35

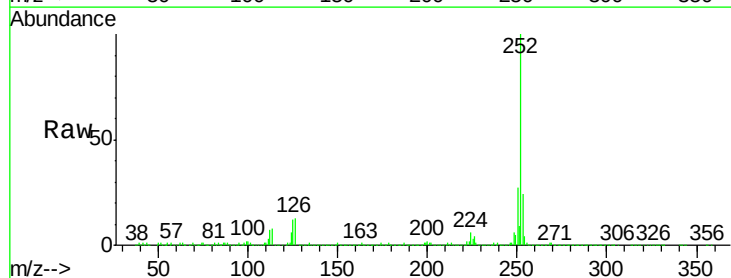
Tgt Ion:252 Resp: 2631011

Ion Ratio Lower Upper

252 100

253 23.6 17.8 26.6

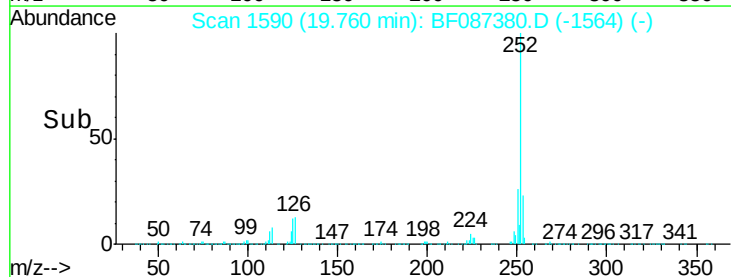
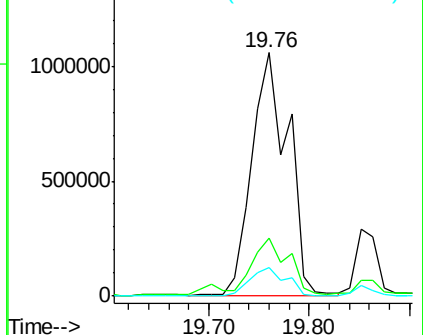
125 11.9 9.1 13.7

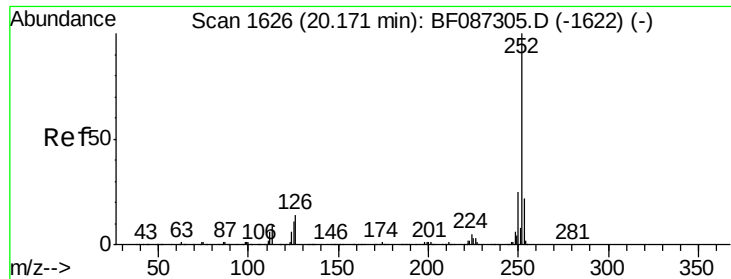


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

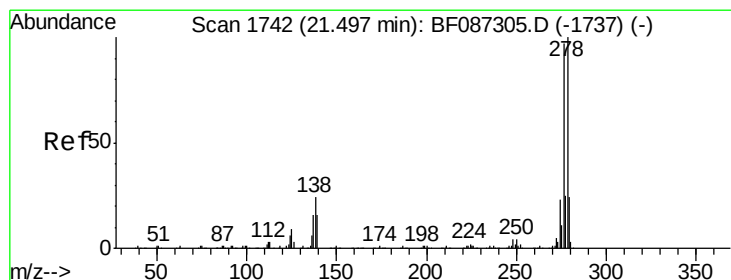
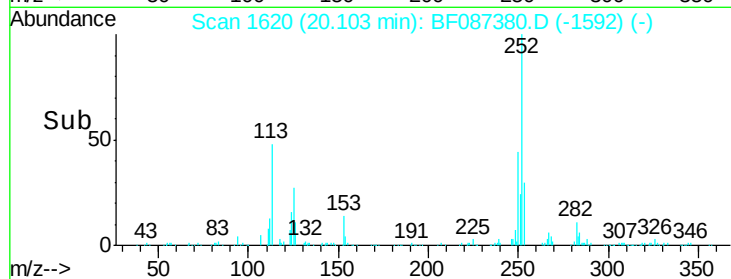
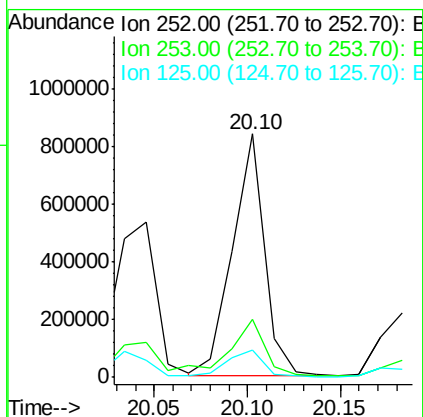
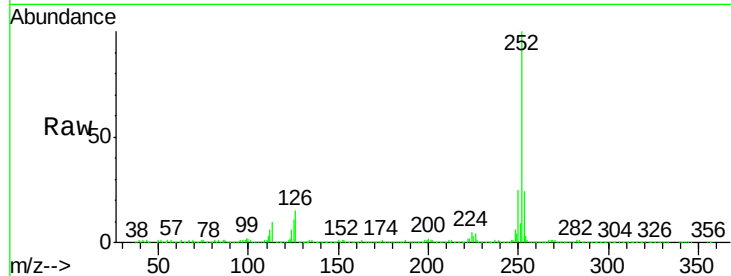




#89
Benzo(a)pyrene
Concen: 107.07 ng
RT: 20.10 min Scan# 1620
Delta R.T. 0.02 min
Lab File: BF087380.D
Acq: 25 May 2016 19:35

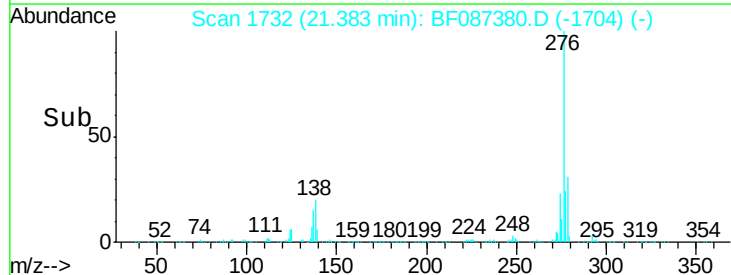
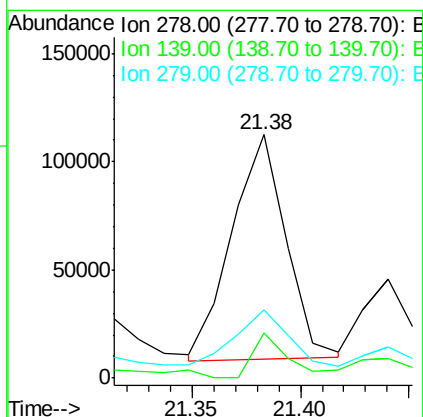
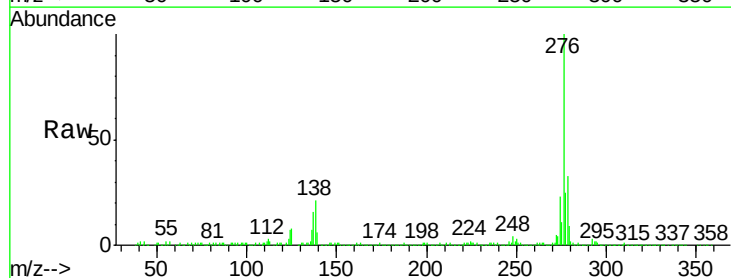
Instrument :
BNA_F
ClientSampleId :
TA-1320-(0-4)

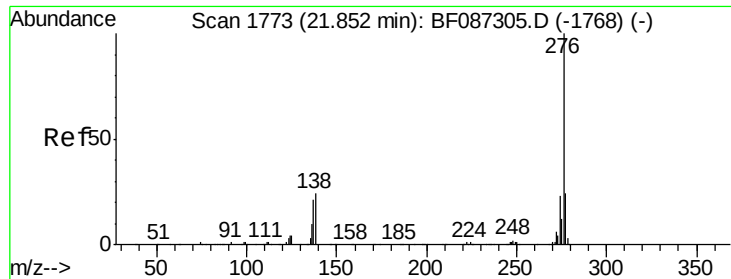
Tgt Ion:252 Resp: 1017656
Ion Ratio Lower Upper
252 100
253 23.7 17.2 25.8
125 11.3 9.0 13.6



#90
Dibenzo(a,h)anthracene
Concen: 22.24 ng
RT: 21.38 min Scan# 1732
Delta R.T. 0.02 min
Lab File: BF087380.D
Acq: 25 May 2016 19:35

Tgt Ion:278 Resp: 180292
Ion Ratio Lower Upper
278 100
139 18.7 16.6 24.8
279 28.0 19.6 29.4





#91

Benzo(g,h,i)perylene

Concen: 60.15 ng

RT: 21.74 min Scan# 1763

Delta R.T. 0.02 min

Lab File: BF087380.D

Acq: 25 May 2016 19:35

Instrument :

BNA_F

ClientSampleId :

TA-1320-(0-4)

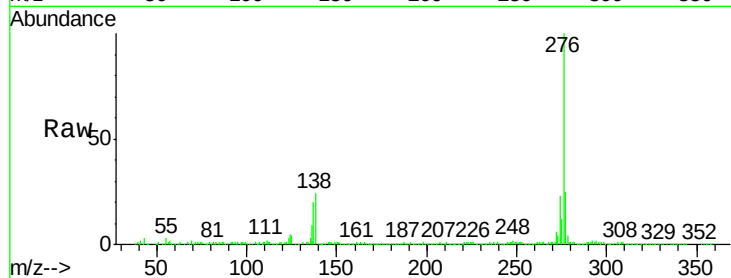
Tgt Ion: 276 Resp: 481096

Ion Ratio Lower Upper

276 100

277 24.8 19.6 29.4

138 23.6 23.6 35.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

