

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050916\
 Data File : BF086841.D
 Acq On : 10 May 2016 00:57
 Operator : UM/SJ
 Sample : H2895-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP7-9FT

Quant Time: May 10 02:09:43 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	156394	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	657201	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	323075	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	620290	20.00	ng	0.00
75) Chrysene-d12	13.83	240	476047	20.00	ng	-0.01
86) Perylene-d12	15.21	264	374677	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	1457292	157.80	ng	0.01
7) Phenol-d6	6.35	99	1763534	142.89	ng	-0.01
23) Nitrobenzene-d5	7.26	82	1311629	100.21	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	553550	161.84	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1838453	95.64	ng	0.00
78) Terphenyl-d14	12.78	244	1571037	70.02	ng	-0.01

Target Compounds

						Qvalue
4) n-Nitrosodimethylamine	2.98	42	1071	0.13	ng	# 1
6) Aniline	6.36	93	243	0.02	ng	# 1
8) 2-Chlorophenol	6.48	128	224	0.02	ng	# 1
9) Benzaldehyde	6.35	77	2965	0.41	ng	# 4
10) Phenol	6.36	94	12704	0.87	ng	# 1
11) bis(2-Chloroethyl)ether	6.46	93	2094	0.18	ng	# 1
15) Benzyl Alcohol	6.84	79	19525	2.29	ng	# 43
16) 2,2'-oxybis(1-Chloropropan	6.74	45	1762	0.07	ng	# 64
18) Hexachloroethane	6.97	117	1033	0.22	ng	# 6
19) n-Nitroso-di-n-propylamine	7.26	70	189831	22.01	ng	# 74
24) Nitrobenzene	7.26	77	4089	0.30	ng	# 39
25) Isophorone	7.26	82	1270041	52.30	ng	# 68
28) bis(2-Chloroethoxy)methane	7.97	93	250	0.02	ng	# 1
31) Naphthalene	8.00	128	7536	0.23	ng	# 98
33) 4-Chloroaniline	8.00	127	615	0.05	ng	# 33
37) 2-Methylnaphthalene	8.80	142	2157	0.11	ng	# 98
45) 1,1'-Biphenyl	9.16	154	571	0.02	ng	# 43
47) 2-Nitroaniline	9.45	65	2821	0.38	ng	# 1
48) Acenaphthylene	9.58	152	16318	0.55	ng	# 98
49) Dimethylphthalate	9.46	163	246618	10.01	ng	# 98
50) 2,6-Dinitrotoluene	9.46	165	2748	0.53	ng	# 28
51) Acenaphthene	9.76	154	1661	0.09	ng	# 89
54) Dibenzofuran	9.94	168	2417	0.10	ng	# 93
55) 4-Nitrophenol	9.94	139	822	4.77	ng	# 45
56) 2,4-Dinitrotoluene	9.72	165	41038	6.39	ng	# 16
57) Fluorene	10.27	166	4295	0.21	ng	# 87
59) Diethylphthalate	10.16	149	1429	0.06	ng	# 65
62) Azobenzene	10.51	77	2640	0.10	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.52	198	1231	0.32	ng	# 1
65) n-Nitrosodiphenylamine	10.38	169	1406	0.07	ng	# 98
66) 4-Bromophenyl-phenylether	10.52	248	31493	5.01	ng	# 1
70) Phenanthrene	11.23	178	75177	2.27	ng	# 98
71) Anthracene	11.23	178	75177	2.22	ng	# 98
72) Carbazole	11.46	167	5207	0.18	ng	# 79

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

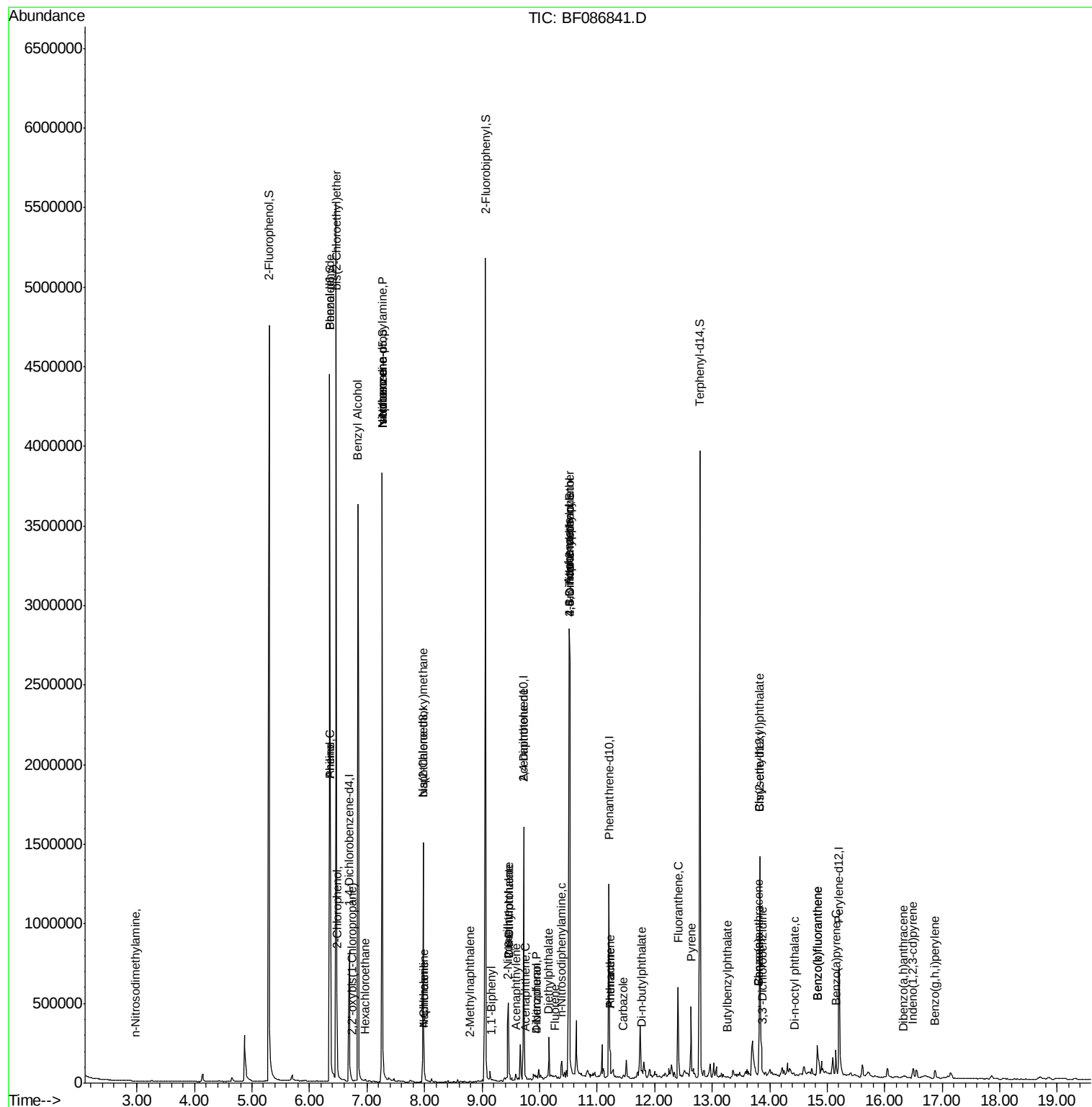
73) Di-n-butylphthalate	11.77	149	2462	0.07	ng	# 69
74) Fluoranthene	12.41	202	220121	6.47	ng	94
77) Pyrene	12.64	202	198739	5.45	ng	98
79) Butylbenzylphthalate	13.27	149	712	0.05	ng	# 35
80) Benzo(a)anthracene	13.81	228	112427	4.21	ng	99
81) 3,3'-Dichlorobenzidine	13.87	252	1390	0.08	ng	# 15
82) Chrysene	13.81	228	112427	4.14	ng	97
83) Bis(2-ethylhexyl)phthalate	13.83	149	3102	0.17	ng	# 68
84) Di-n-octyl phthalate	14.43	149	1309	0.04	ng	# 75
85) Indeno(1,2,3-cd)pyrene	16.49	276	41037	1.81	ng	98
87) Benzo(b)fluoranthene	14.83	252	141643	5.82	ng	97
88) Benzo(k)fluoranthene	14.83	252	140112	7.03	ng	99
89) Benzo(a)pyrene	15.15	252	67376	3.21	ng	98
90) Dibenzo(a,h)anthracene	16.33	278	10188	0.58	ng	96
91) Benzo(g,h,i)perylene	16.88	276	38199	2.12	ng	# 93

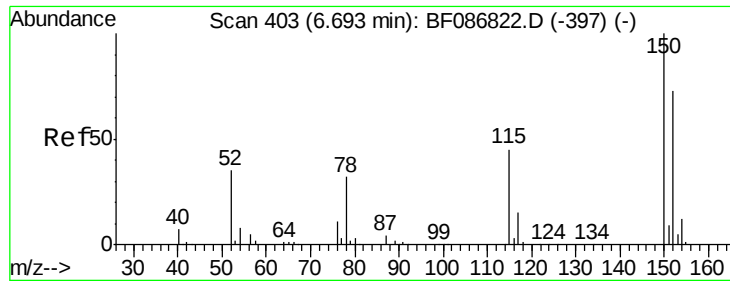
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.00 min

Lab File: BF086841.D

Acq: 10 May 2016 00:57

Instrument :

BNA_F

ClientSampleId :

TP7-9FT

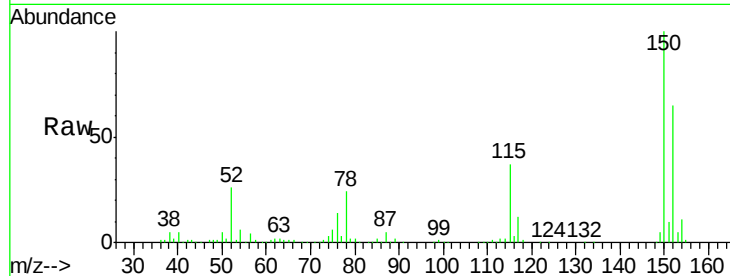
Tgt Ion:152 Resp: 156394

Ion Ratio Lower Upper

152 100

150 154.8 125.8 188.6

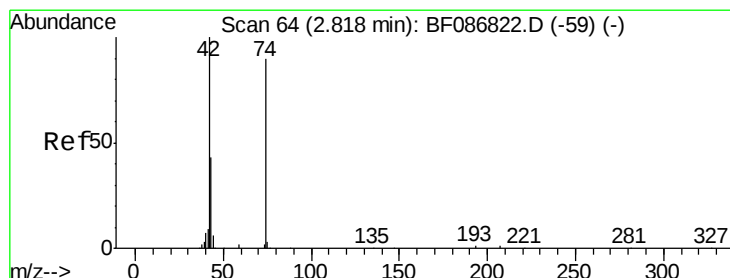
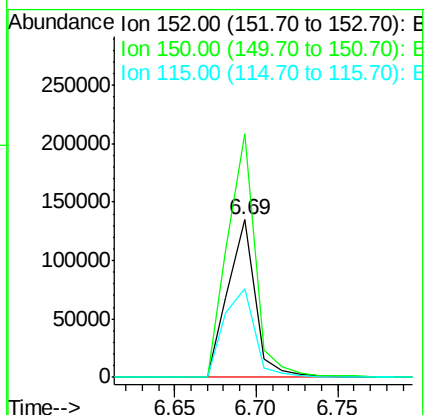
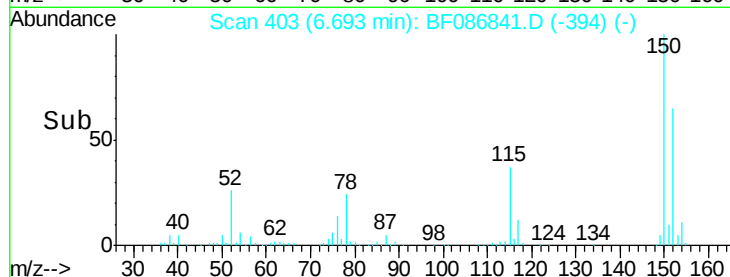
115 56.8 51.5 77.3



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



#4

n-Nitrosodimethylamine

Concen: 0.13 ng

RT: 2.98 min Scan# 78

Delta R.T. 0.16 min

Lab File: BF086841.D

Acq: 10 May 2016 00:57

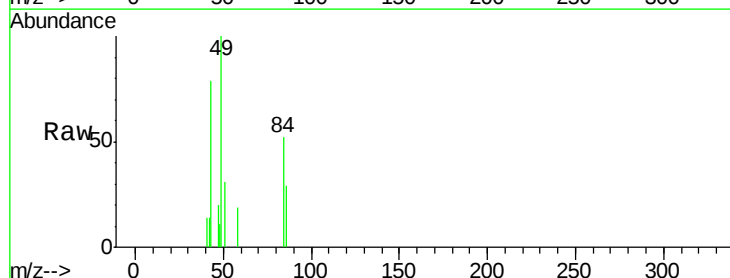
Tgt Ion: 42 Resp: 1071

Ion Ratio Lower Upper

42 100

74 0.0 123.4 185.0#

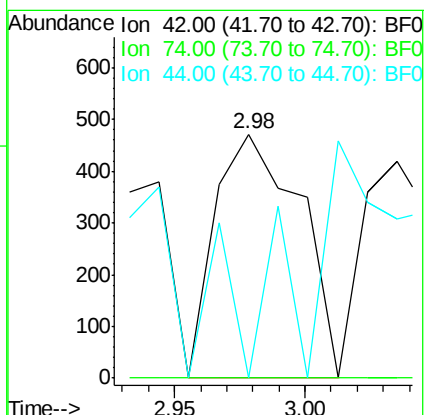
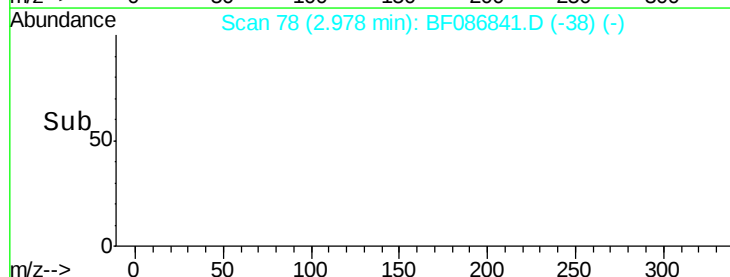
44 0.0 5.8 8.6#

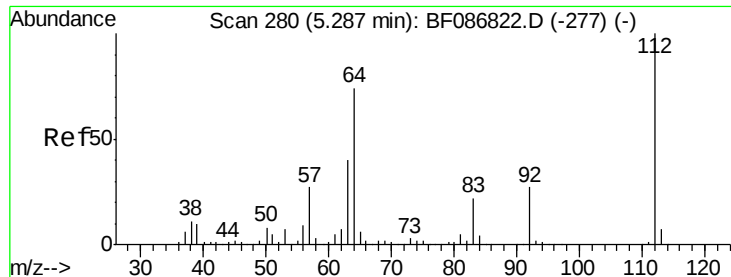


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 157.80 ng

RT: 5.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: BF086841.D

Acq: 10 May 2016 00:57

Instrument :

BNA_F

ClientSampleId :

TP7-9FT

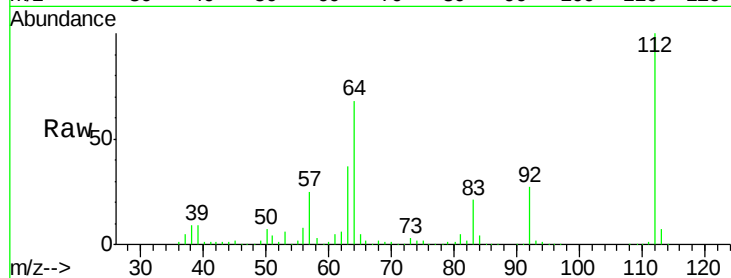
Tgt Ion:112 Resp: 1457292

Ion Ratio Lower Upper

112 100

64 68.2 52.1 78.1

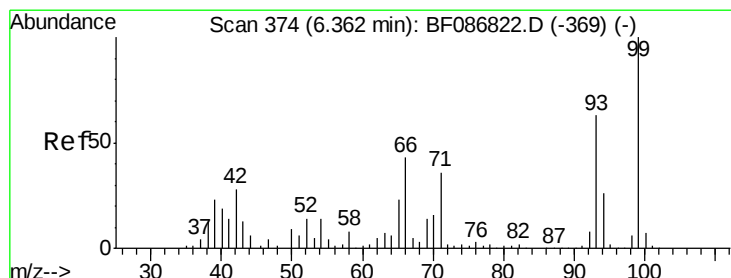
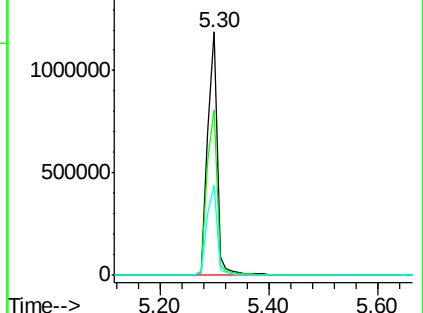
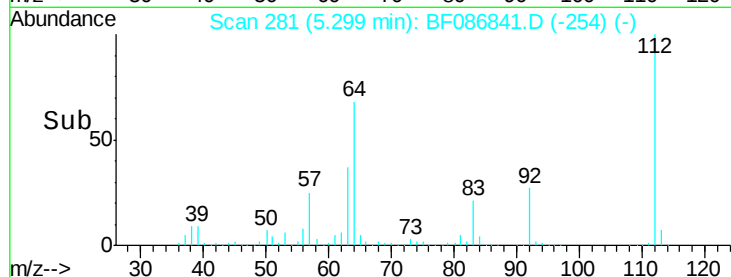
63 37.1 25.7 38.5



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



#6

Aniline

Concen: 0.02 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.00 min

Lab File: BF086841.D

Acq: 10 May 2016 00:57

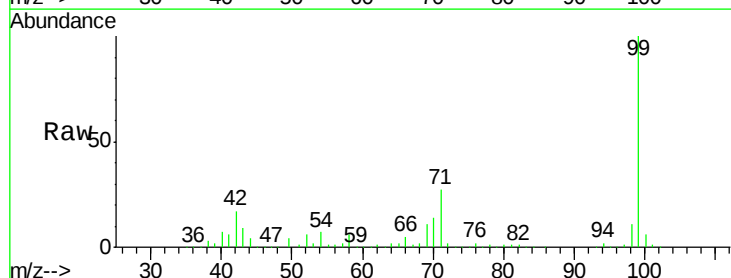
Tgt Ion: 93 Resp: 243

Ion Ratio Lower Upper

93 100

66 8443.9 39.0 58.6#

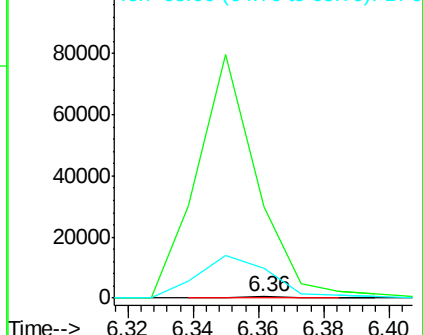
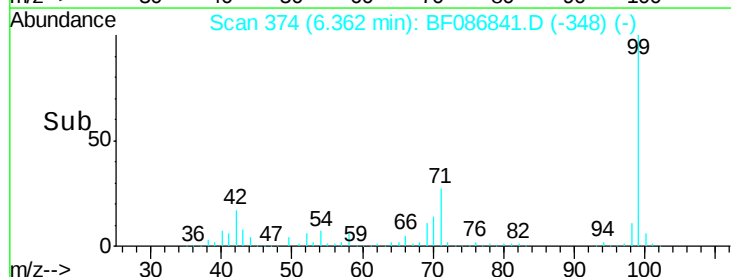
65 2697.5 20.6 31.0#

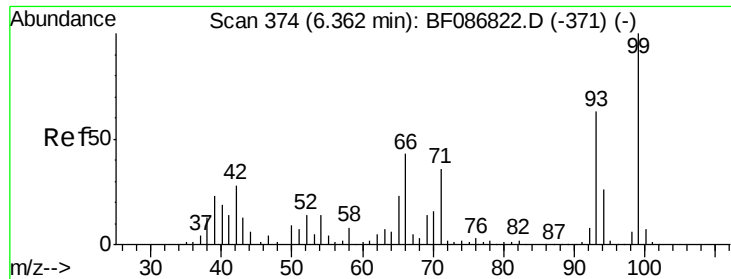


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 142.89 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF086841.D

Acq: 10 May 2016 00:57

Instrument :

BNA_F

ClientSampleId :

TP7-9FT

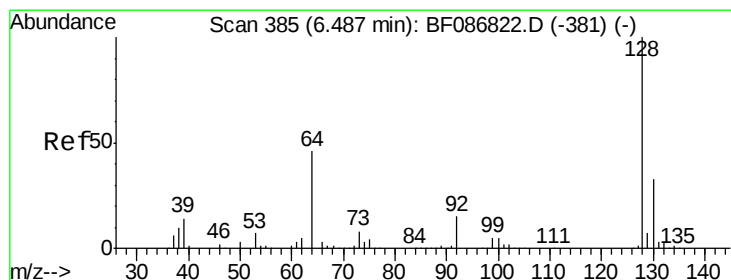
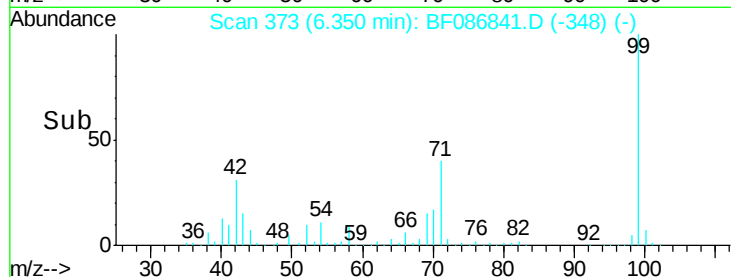
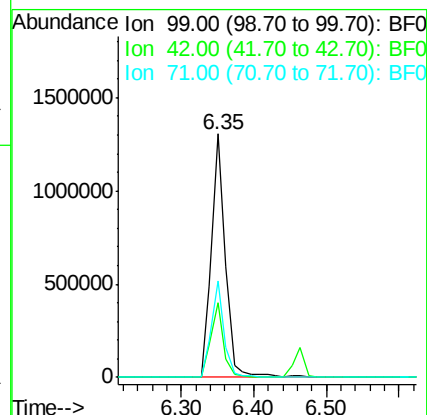
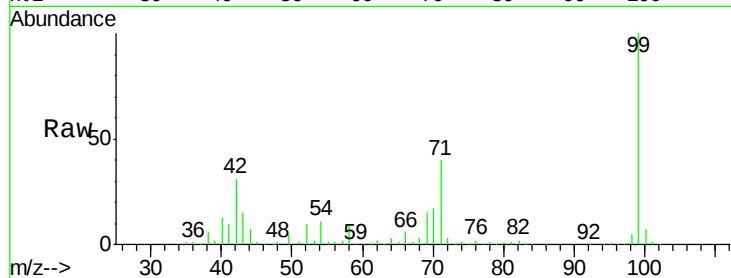
Tgt Ion: 99 Resp: 1763534

Ion Ratio Lower Upper

99 100

42 30.6 13.6 20.4#

71 39.6 24.6 36.8#



#8

2-Chlorophenol

Concen: 0.02 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF086841.D

Acq: 10 May 2016 00:57

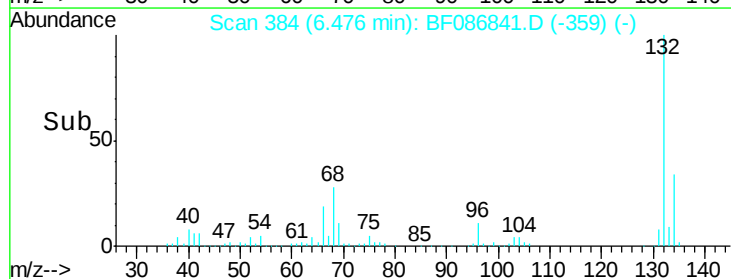
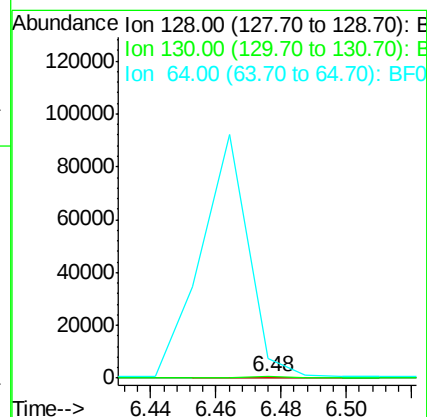
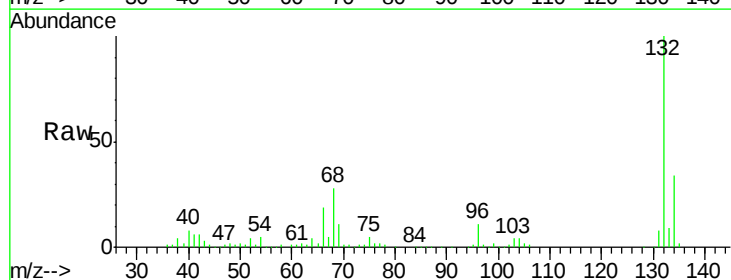
Tgt Ion: 128 Resp: 224

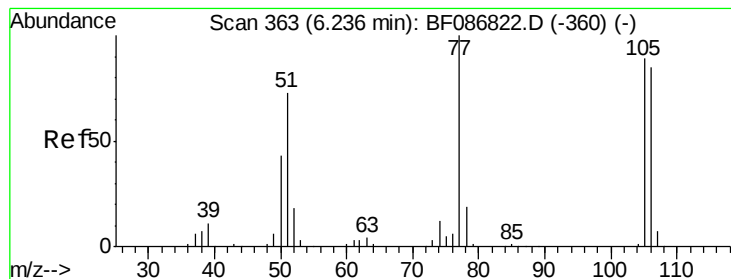
Ion Ratio Lower Upper

128 100

130 157.2 12.5 52.5#

64 2275.8 27.3 67.3#





#9

Benzaldehyde

Concen: 0.41 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.11 min

Lab File: BF086841.D

Acq: 10 May 2016 00:57

Instrument :

BNA_F

ClientSampleId :

TP7-9FT

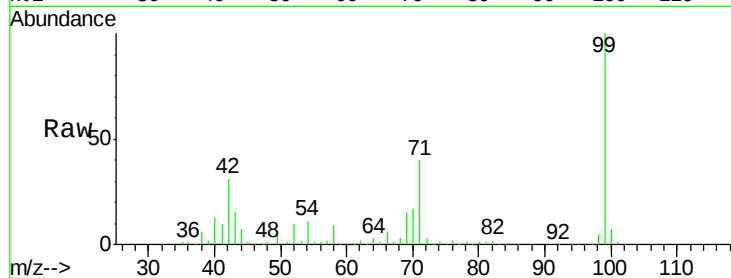
Tgt Ion: 77 Resp: 2965

Ion Ratio Lower Upper

77 100

105 0.0 72.7 112.7#

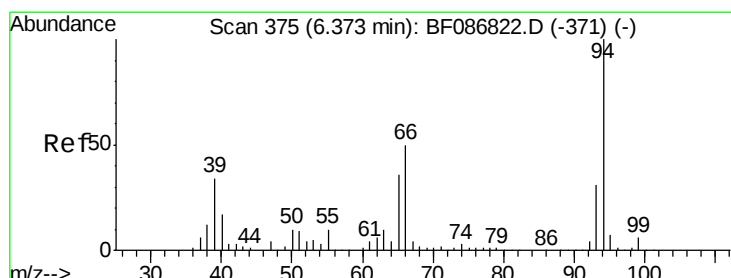
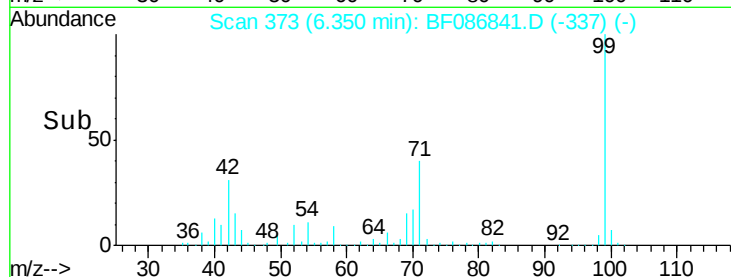
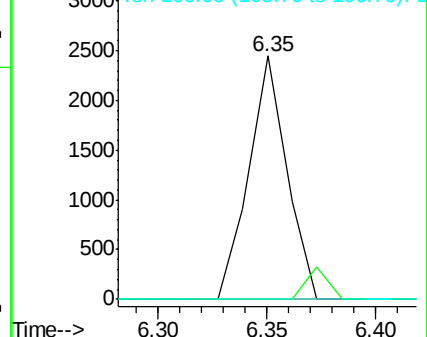
106 0.0 70.8 110.8#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 0.87 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF086841.D

Acq: 10 May 2016 00:57

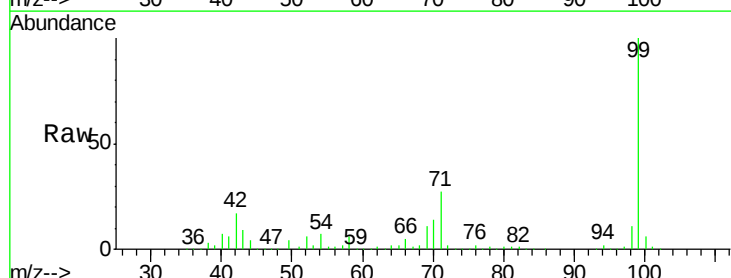
Tgt Ion: 94 Resp: 12704

Ion Ratio Lower Upper

94 100

65 80.2 7.2 47.2#

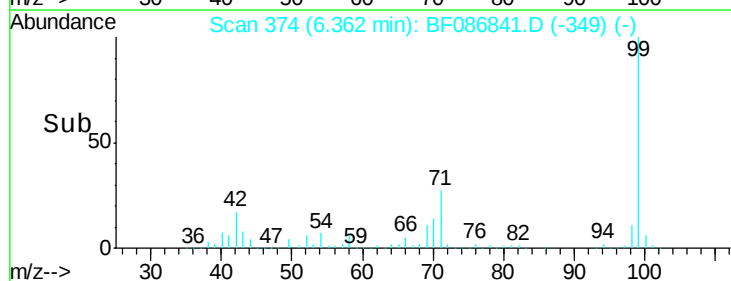
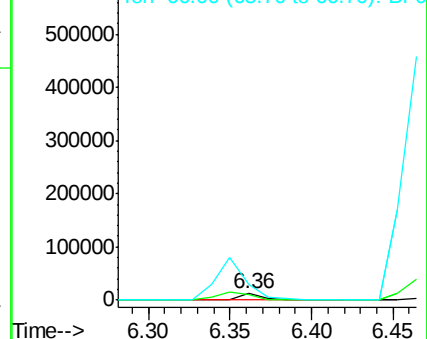
66 251.0 14.9 54.9#

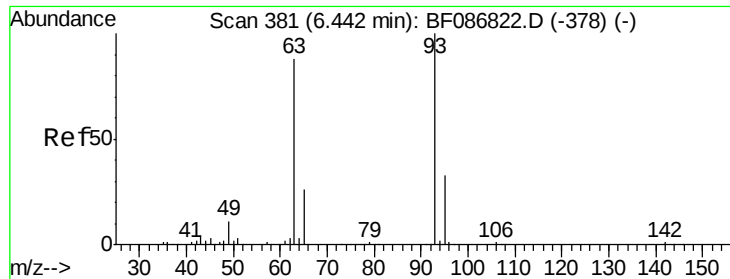


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

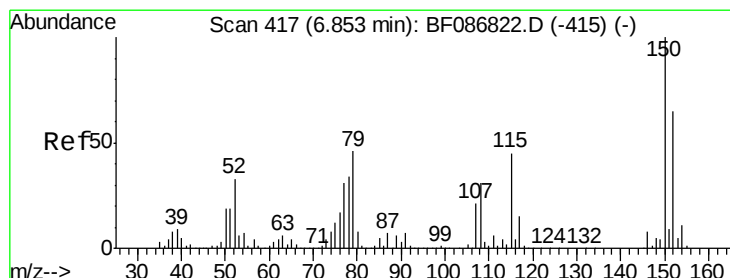
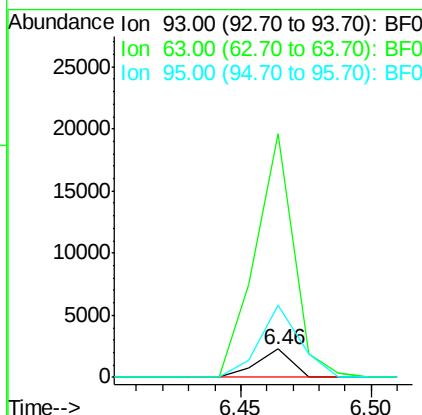
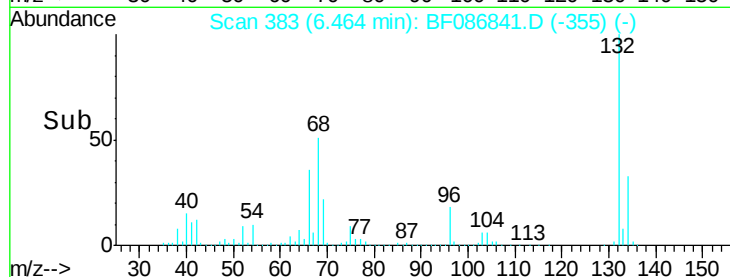
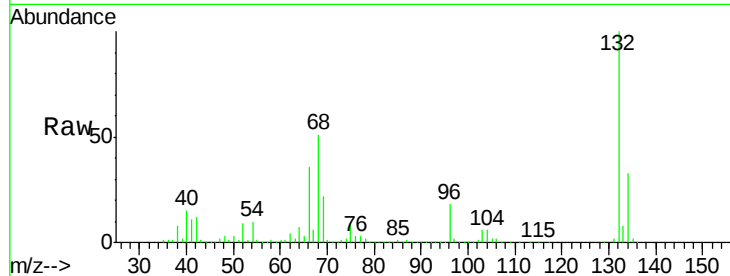




#11
bis(2-Chloroethyl)ether
Concen: 0.18 ng
RT: 6.46 min Scan# 383
Delta R.T. 0.02 min
Lab File: BF086841.D
Acq: 10 May 2016 00:57

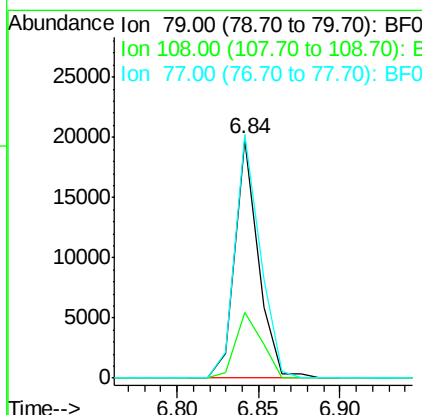
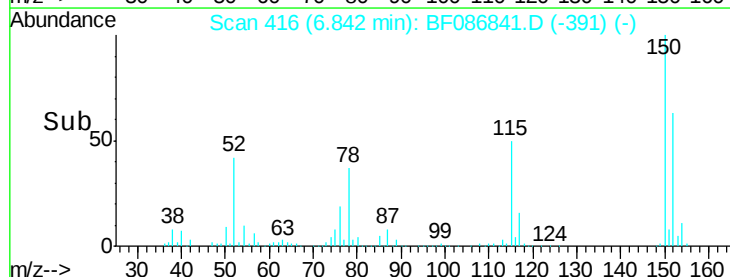
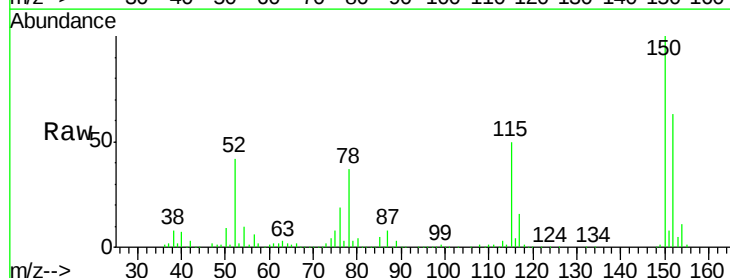
Instrument :
BNA_F
ClientSampled :
TP7-9FT

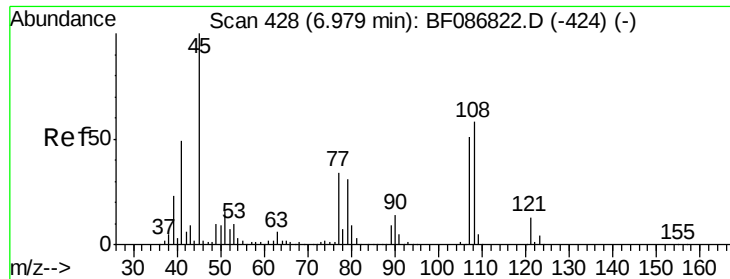
Tgt Ion: 93 Resp: 2094
Ion Ratio Lower Upper
93 100
63 859.3 58.0 98.0#
95 254.1 11.9 51.9#



#15
Benzyl Alcohol
Concen: 2.29 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF086841.D
Acq: 10 May 2016 00:57

Tgt Ion: 79 Resp: 19525
Ion Ratio Lower Upper
79 100
108 27.6 68.4 102.6#
77 101.9 50.6 76.0#

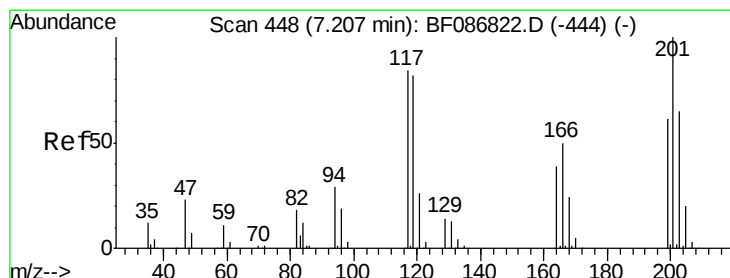
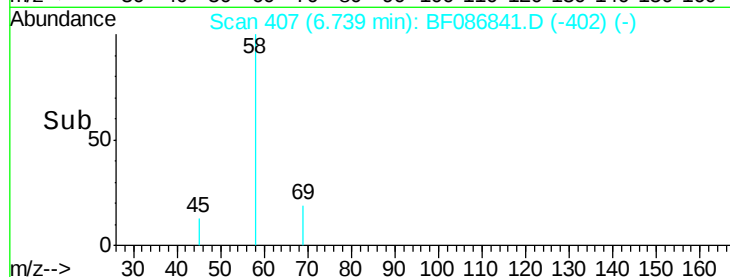
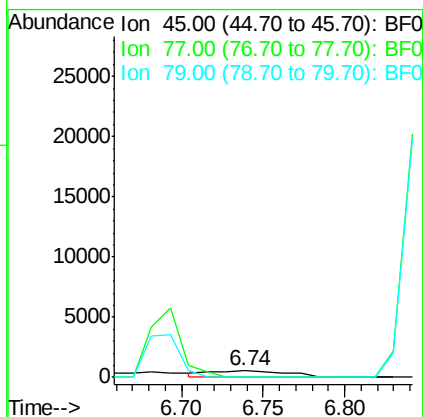
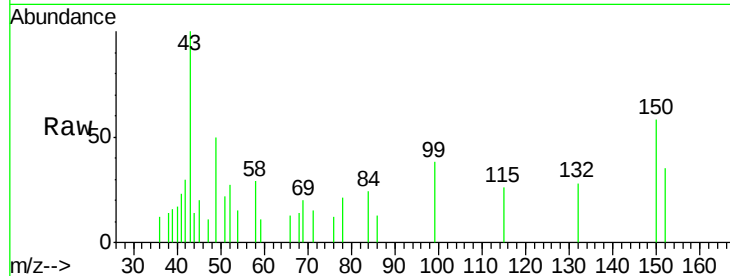




#16
 2,2'-oxybis(1-chloropropane)
 Concen: 0.07 ng
 RT: 6.74 min Scan# 407
 Delta R.T. -0.24 min
 Lab File: BF086841.D
 Acq: 10 May 2016 00:57

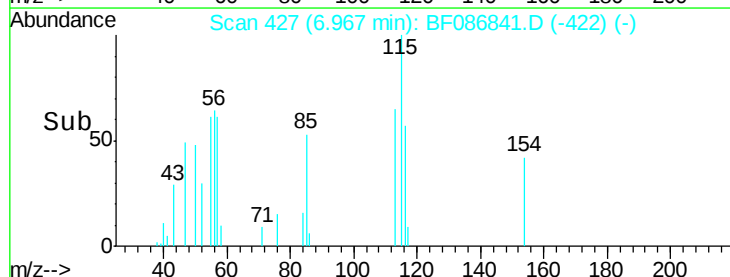
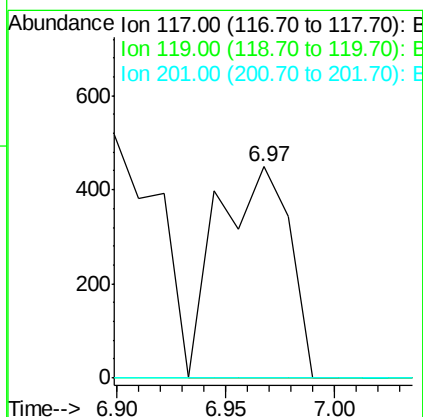
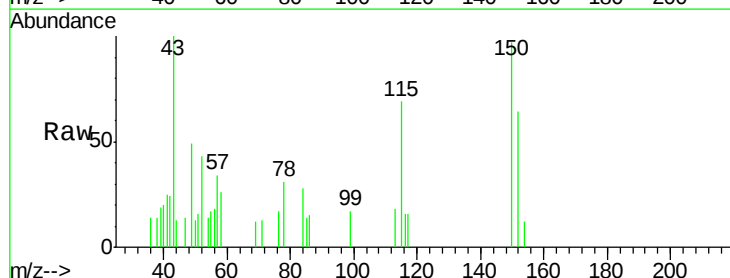
Instrument :
 BNA_F
 ClientSampled :
 TP7-9FT

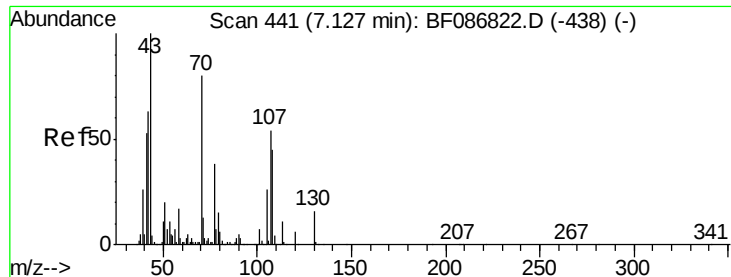
Tgt Ion: 45 Resp: 1762
 Ion Ratio Lower Upper
 45 100
 77 0.0 0.0 36.4
 79 0.0 0.0 33.4



#18
 Hexachloroethane
 Concen: 0.22 ng
 RT: 6.97 min Scan# 427
 Delta R.T. -0.24 min
 Lab File: BF086841.D
 Acq: 10 May 2016 00:57

Tgt Ion: 117 Resp: 1033
 Ion Ratio Lower Upper
 117 100
 119 0.0 76.5 114.7#
 201 0.0 63.0 94.6#

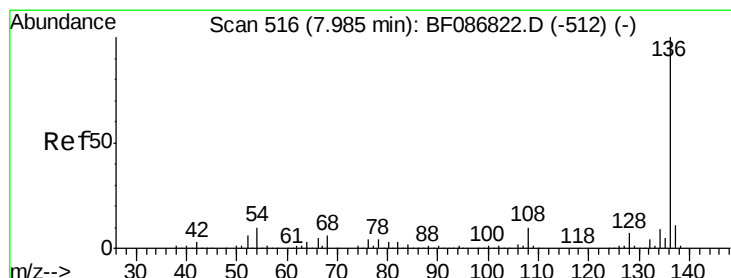
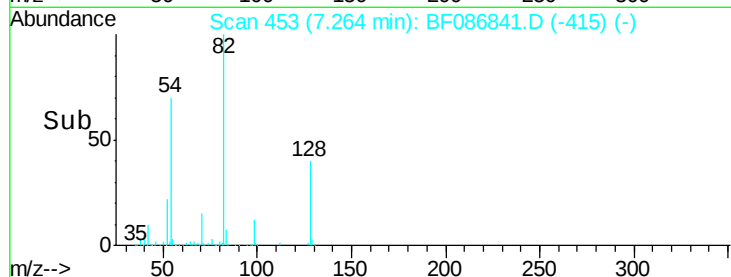
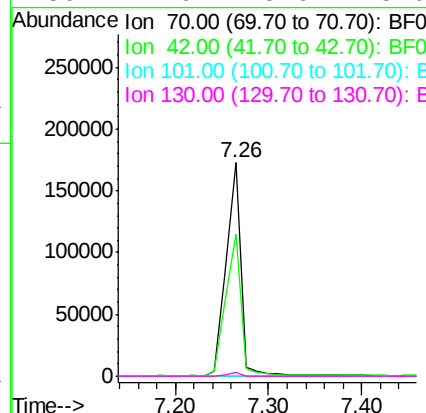
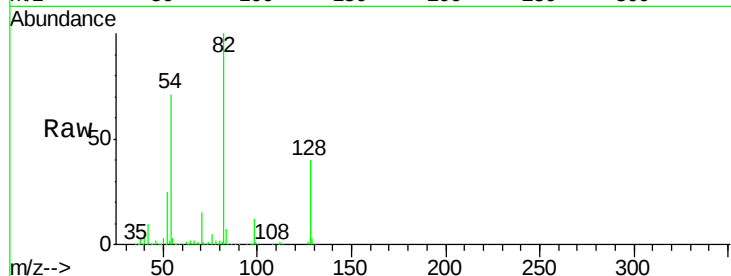




#19
n-Nitroso-di-n-propylamine
Concen: 22.01 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.14 min
Lab File: BF086841.D
Acq: 10 May 2016 00:57

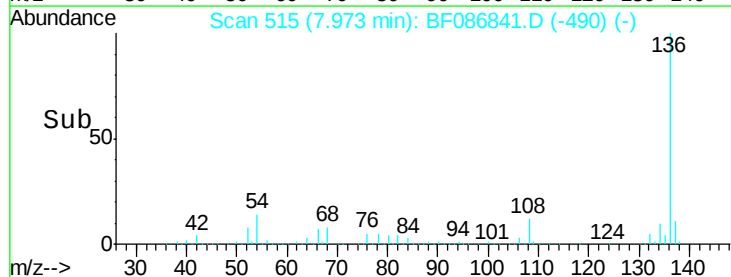
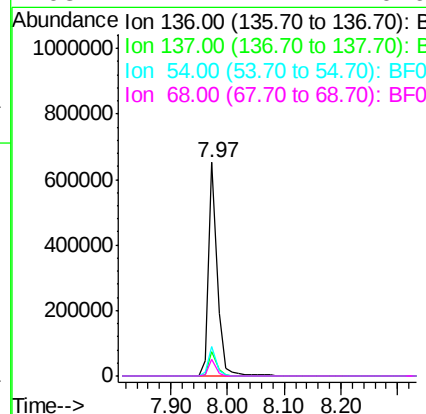
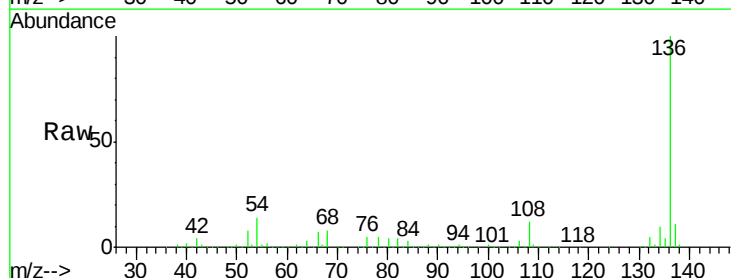
Instrument :
BNA_F
ClientSampleId :
TP7-9FT

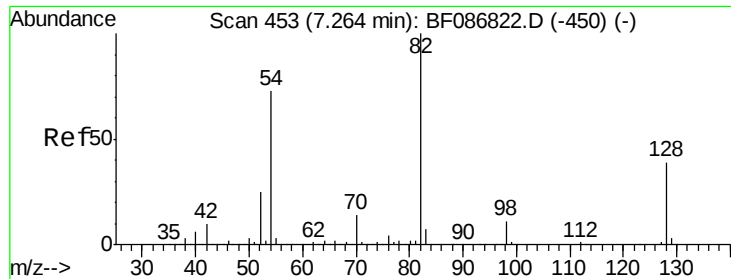
Tgt Ion: 70 Resp: 189831
Ion Ratio Lower Upper
70 100
42 66.7 43.1 64.7#
101 0.0 8.1 12.1#
130 1.9 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.01 min
Lab File: BF086841.D
Acq: 10 May 2016 00:57

Tgt Ion: 136 Resp: 657201
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 14.0 5.0 7.4#
68 7.7 4.4 6.6#

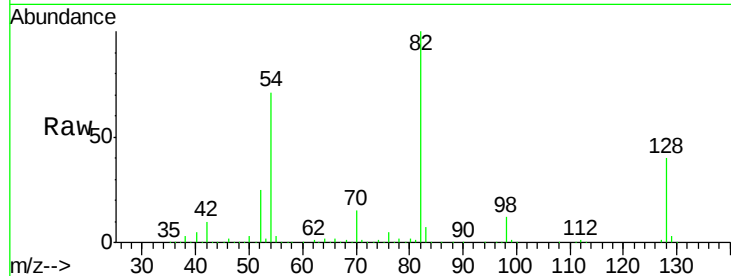




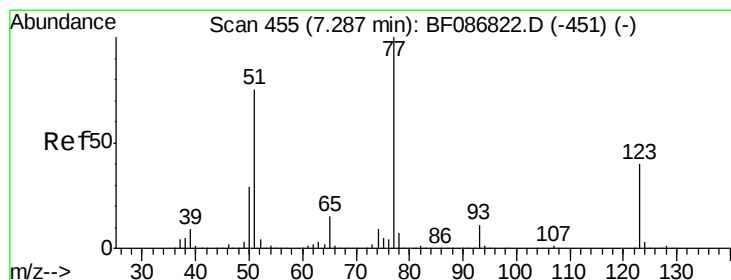
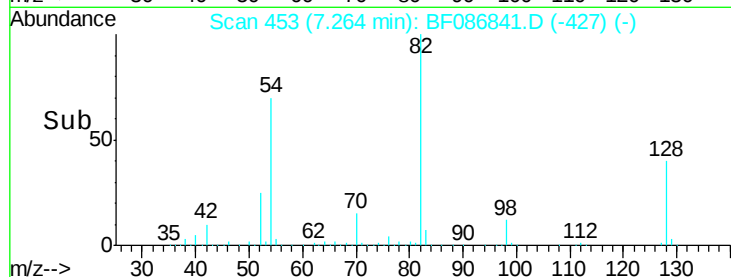
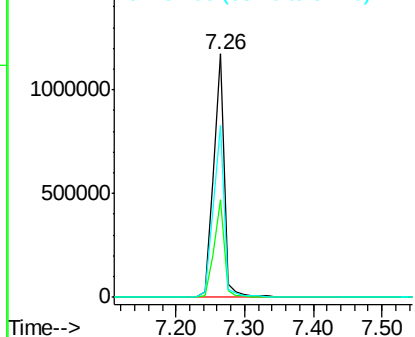
#23
 Nitrobenzene-d5
 Concen: 100.21 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.00 min
 Lab File: BF086841.D
 Acq: 10 May 2016 00:57

Instrument :
 BNA_F
 ClientSampleId :
 TP7-9FT

Tgt Ion: 82 Resp: 1311629
 Ion Ratio Lower Upper
 82 100
 128 40.0 40.6 61.0#
 54 70.5 38.1 57.1#

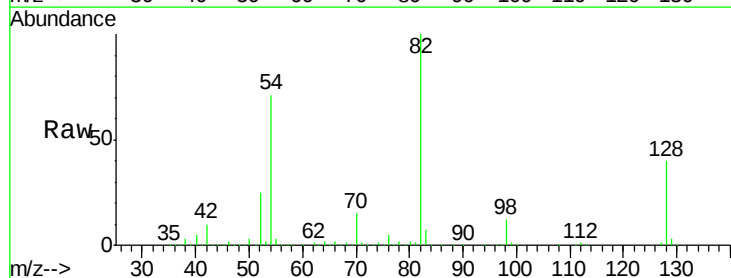


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

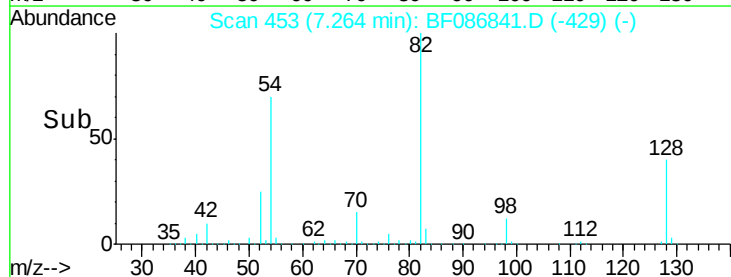
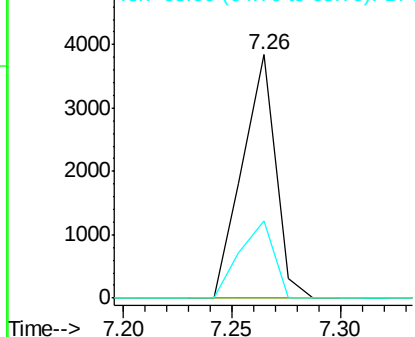


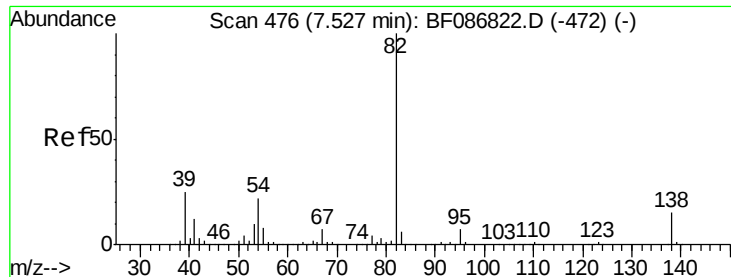
#24
 Nitrobenzene
 Concen: 0.30 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.02 min
 Lab File: BF086841.D
 Acq: 10 May 2016 00:57

Tgt Ion: 77 Resp: 4089
 Ion Ratio Lower Upper
 77 100
 123 0.0 33.0 49.4#
 65 31.8 10.8 16.2#



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 52.30 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.26 min

Lab File: BF086841.D

Acq: 10 May 2016 00:57

Instrument :

BNA_F

ClientSampleId :

TP7-9FT

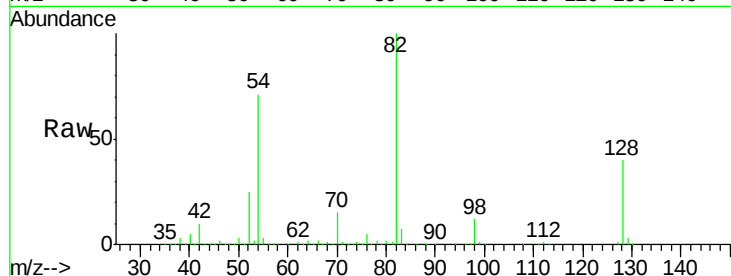
Tgt Ion: 82 Resp: 1270041

Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

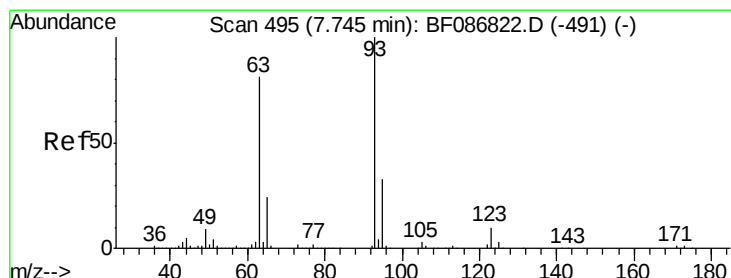
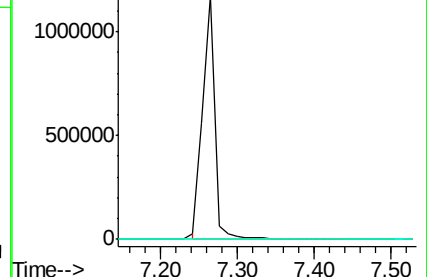
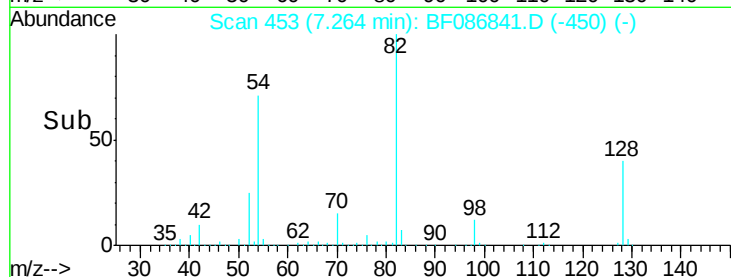
138 0.0 12.4 18.6#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 0.02 ng

RT: 7.97 min Scan# 515

Delta R.T. 0.23 min

Lab File: BF086841.D

Acq: 10 May 2016 00:57

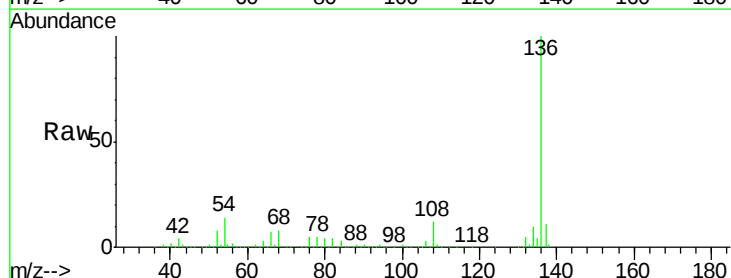
Tgt Ion: 93 Resp: 250

Ion Ratio Lower Upper

93 100

95 228.3 26.0 39.0#

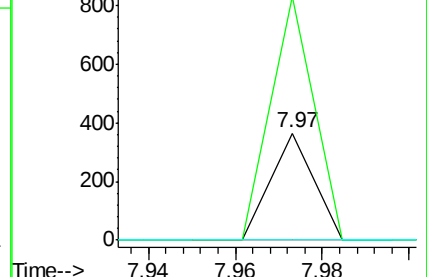
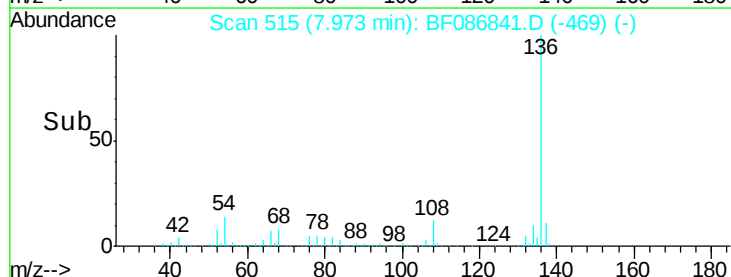
123 0.0 9.5 14.3#

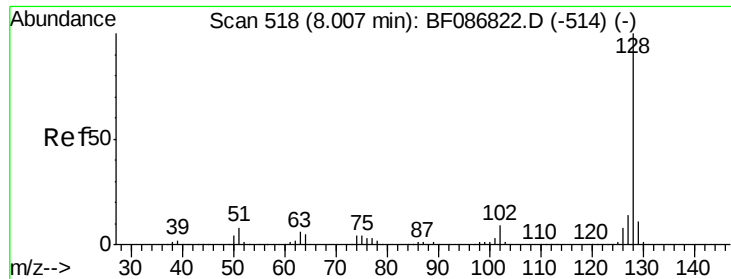


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

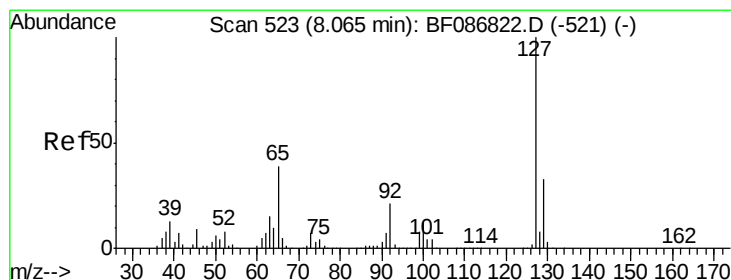
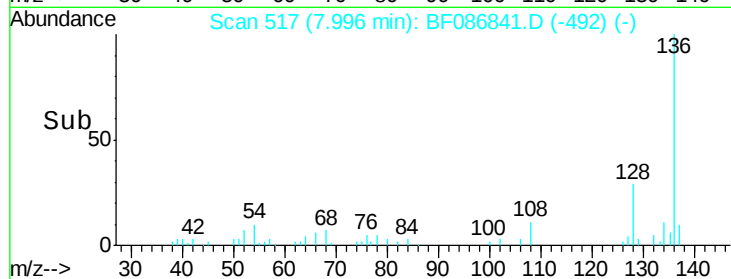
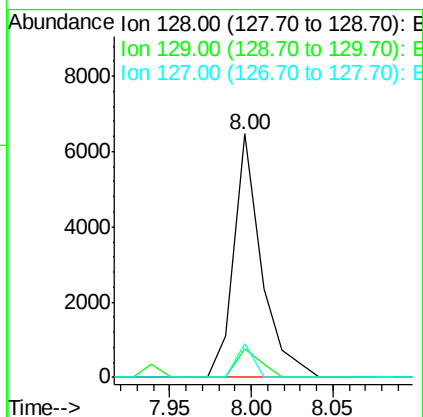
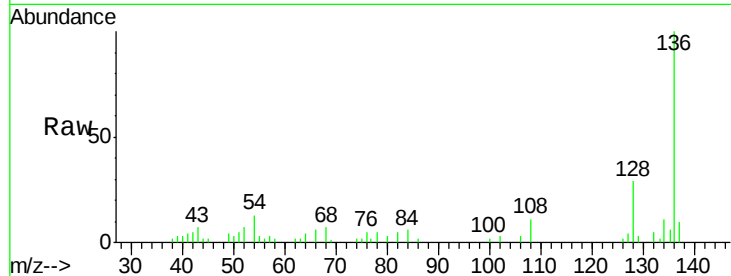




#31
Naphthalene
Concen: 0.23 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF086841.D
Acq: 10 May 2016 00:57

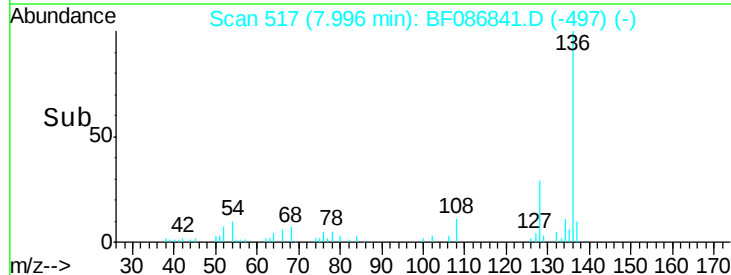
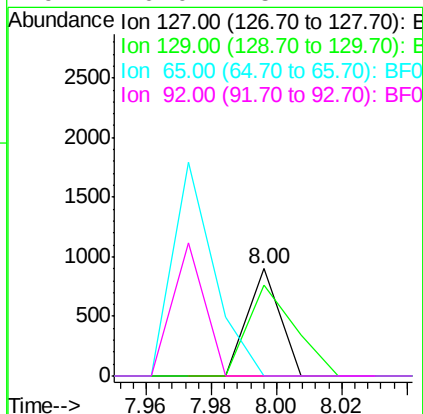
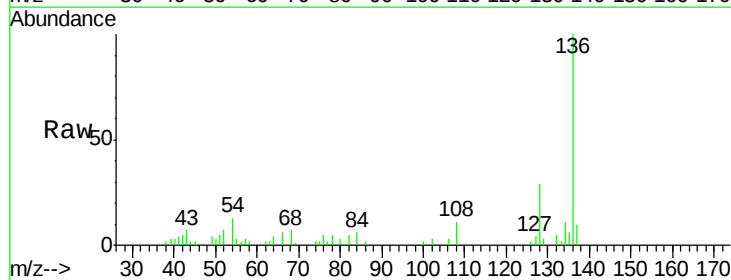
Instrument :
BNA_F
ClientSampleId :
TP7-9FT

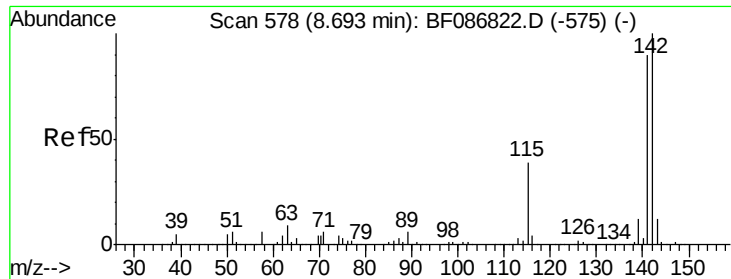
Tgt Ion:128 Resp: 7536
Ion Ratio Lower Upper
128 100
129 11.8 8.6 13.0
127 13.9 10.8 16.2



#33
4-Chloroaniline
Concen: 0.05 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.07 min
Lab File: BF086841.D
Acq: 10 May 2016 00:57

Tgt Ion:127 Resp: 615
Ion Ratio Lower Upper
127 100
129 85.1 26.2 39.4#
65 0.0 23.0 34.4#
92 0.0 15.1 22.7#

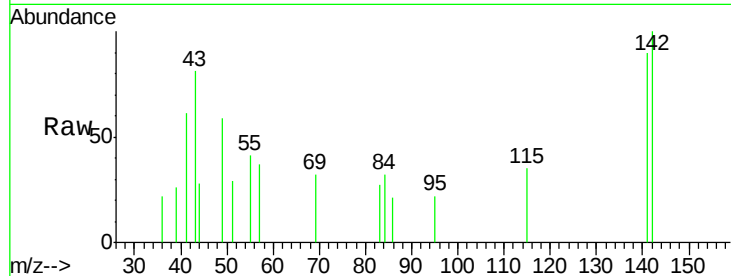




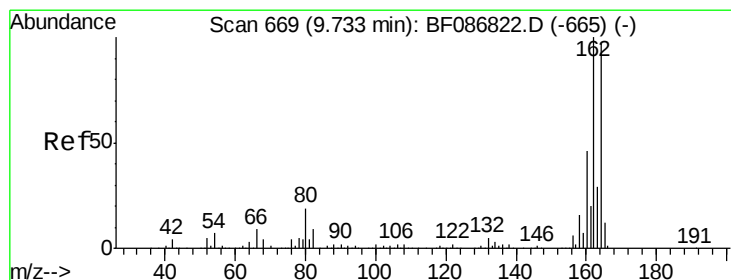
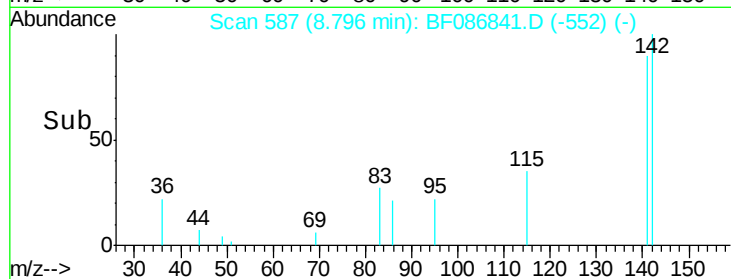
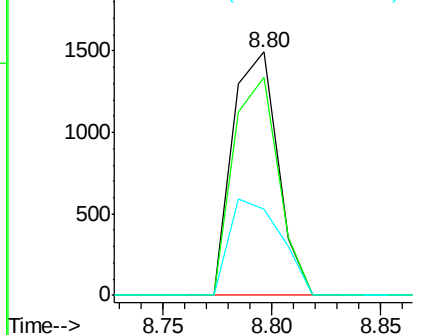
#37
 2-Methylnaphthalene
 Concen: 0.11 ng
 RT: 8.80 min Scan# 587
 Delta R.T. 0.10 min
 Lab File: BF086841.D
 Acq: 10 May 2016 00:57

Instrument :
 BNA_F
 ClientSampleId :
 TP7-9FT

Tgt Ion:142 Resp: 2157
 Ion Ratio Lower Upper
 142 100
 141 89.6 71.0 106.6
 115 35.3 26.6 39.8

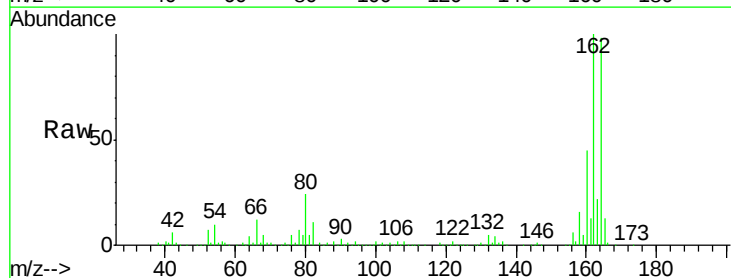


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

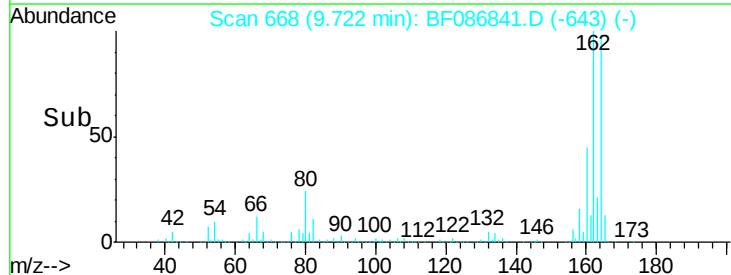
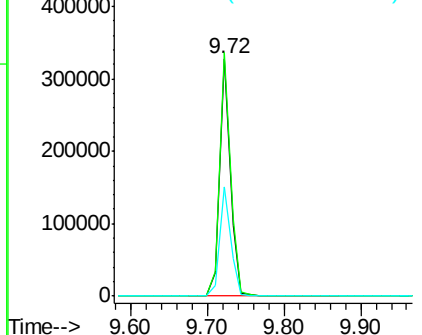


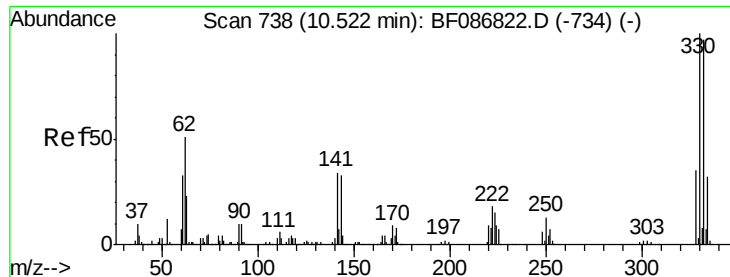
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF086841.D
 Acq: 10 May 2016 00:57

Tgt Ion:164 Resp: 323075
 Ion Ratio Lower Upper
 164 100
 162 102.5 82.8 124.2
 160 46.2 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

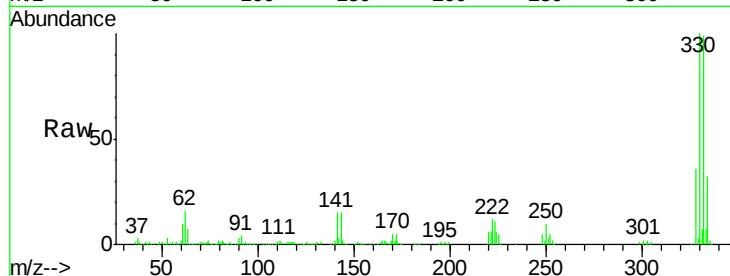




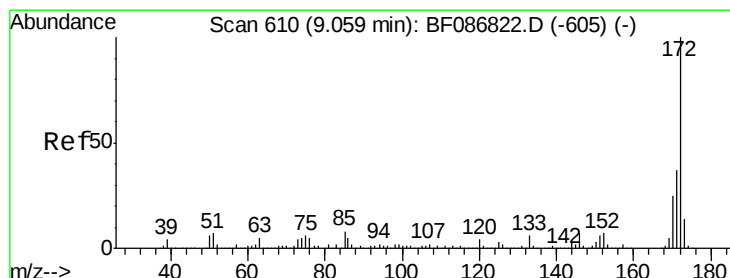
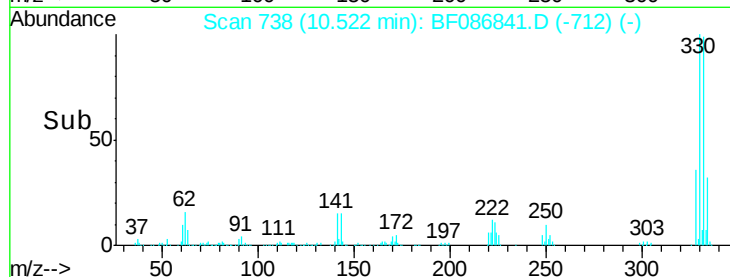
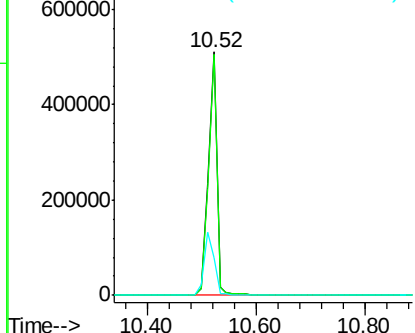
#41
 2,4,6-Tribromophenol
 Concen: 161.84 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BF086841.D
 Acq: 10 May 2016 00:57

Instrument :
 BNA_F
 ClientSampleId :
 TP7-9FT

Tgt Ion:330 Resp: 553550
 Ion Ratio Lower Upper
 330 100
 332 98.0 79.0 118.4
 141 30.6 31.2 46.8#

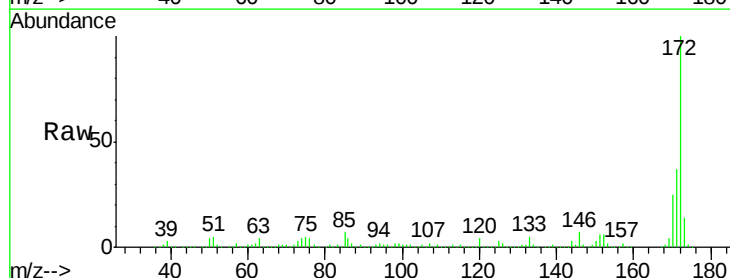


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

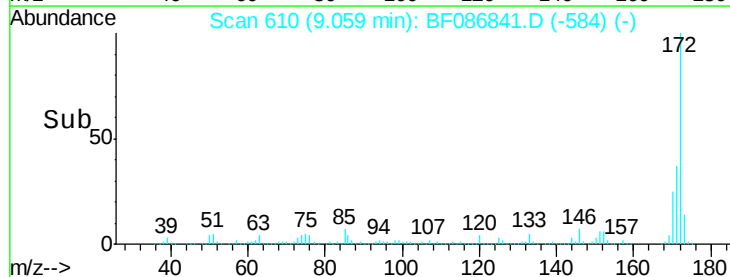
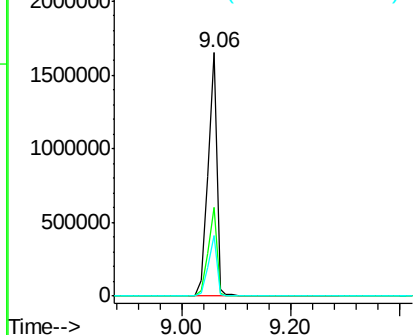


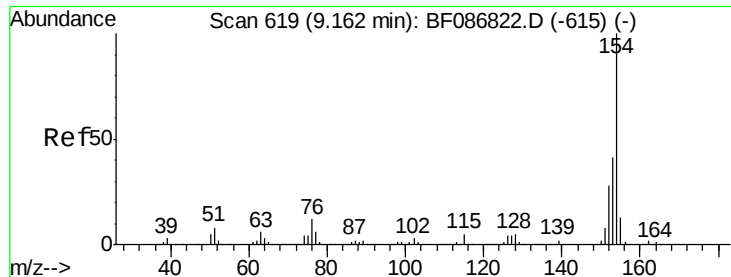
#44
 2-Fluorobiphenyl
 Concen: 95.64 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF086841.D
 Acq: 10 May 2016 00:57

Tgt Ion:172 Resp: 1838453
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.0 43.6
 170 25.0 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

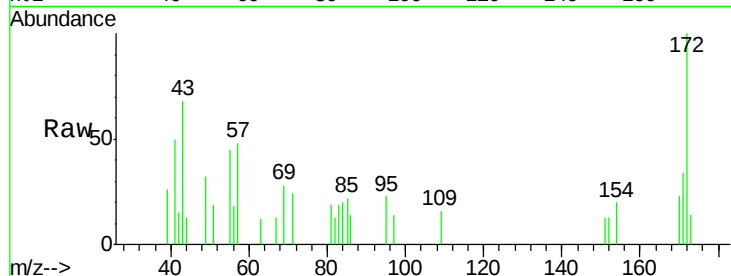




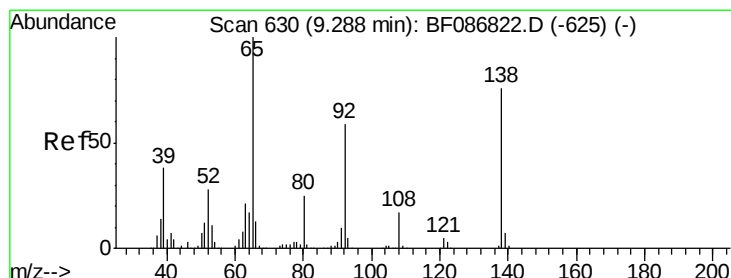
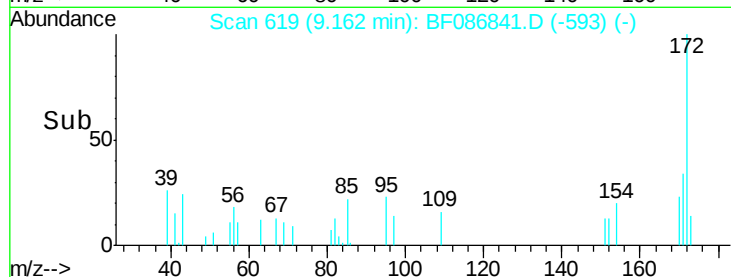
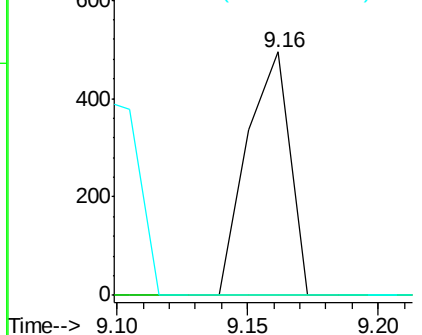
#45
 1,1'-Biphenyl
 Concen: 0.02 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF086841.D
 Acq: 10 May 2016 00:57

Instrument :
 BNA_F
 ClientSampleId :
 TP7-9FT

Tgt Ion: 154 Resp: 571
 Ion Ratio Lower Upper
 154 100
 153 0.0 20.3 60.3#
 76 0.0 0.0 30.2

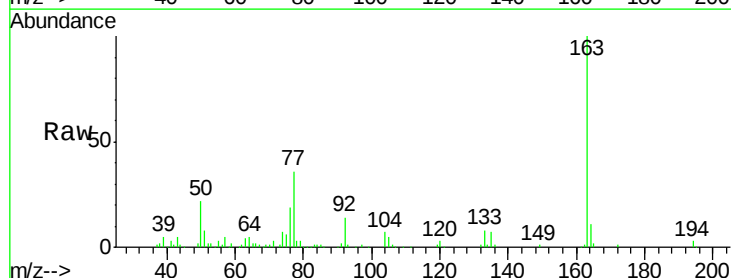


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): E

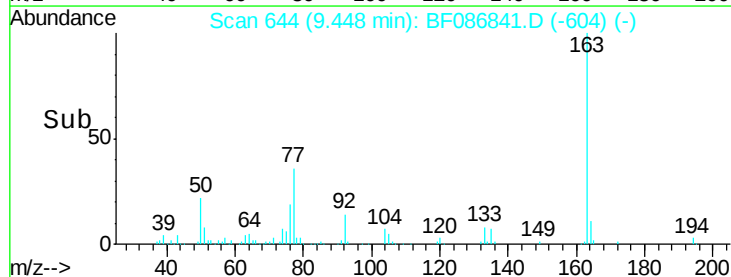
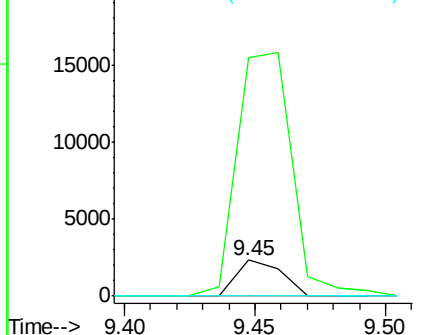


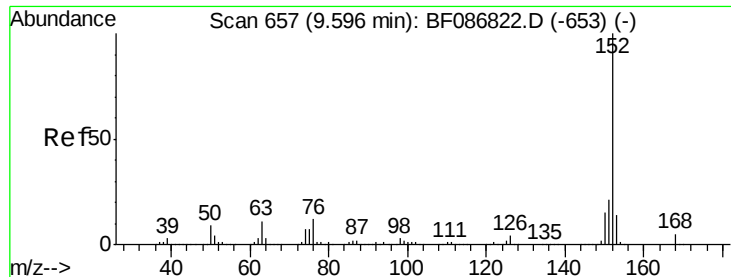
#47
 2-Nitroaniline
 Concen: 0.38 ng
 RT: 9.45 min Scan# 644
 Delta R.T. 0.16 min
 Lab File: BF086841.D
 Acq: 10 May 2016 00:57

Tgt Ion: 65 Resp: 2821
 Ion Ratio Lower Upper
 65 100
 92 668.3 57.4 86.2#
 138 0.0 90.1 135.1#



Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 0.55 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.01 min

Lab File: BF086841.D

Acq: 10 May 2016 00:57

Instrument :

BNA_F

ClientSampleId :

TP7-9FT

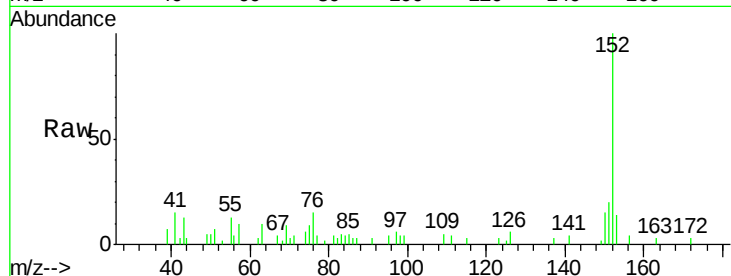
Tgt Ion:152 Resp: 16318

Ion Ratio Lower Upper

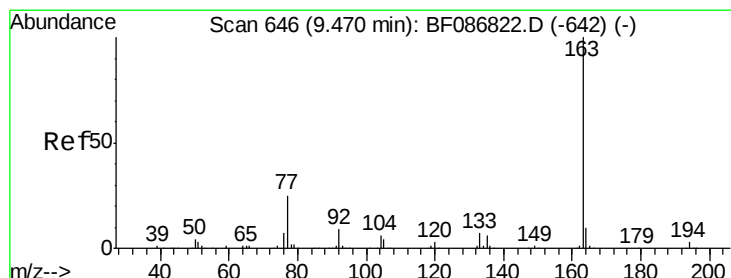
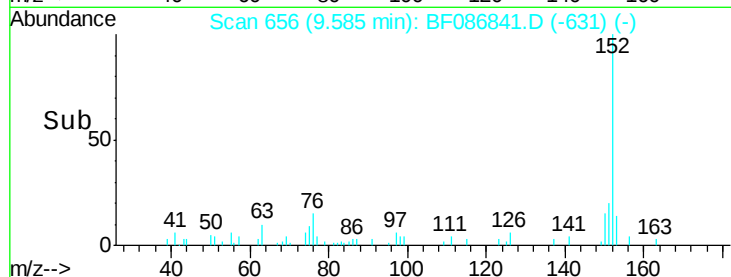
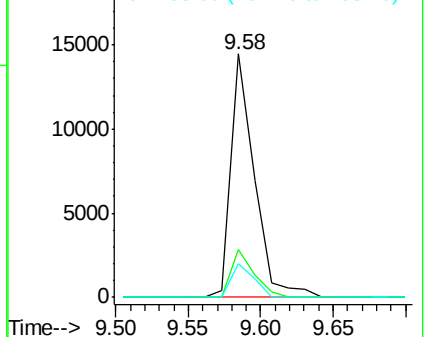
152 100

151 19.6 16.8 25.2

153 13.8 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: 10.01 ng

RT: 9.46 min Scan# 645

Delta R.T. -0.01 min

Lab File: BF086841.D

Acq: 10 May 2016 00:57

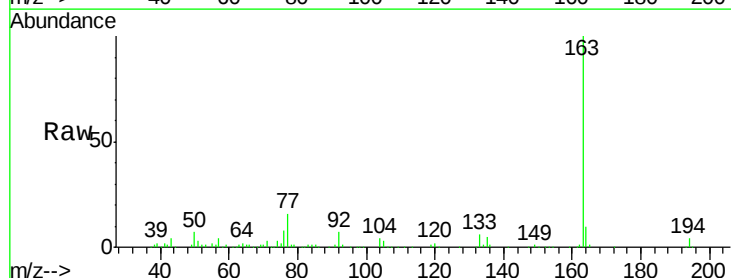
Tgt Ion:163 Resp: 246618

Ion Ratio Lower Upper

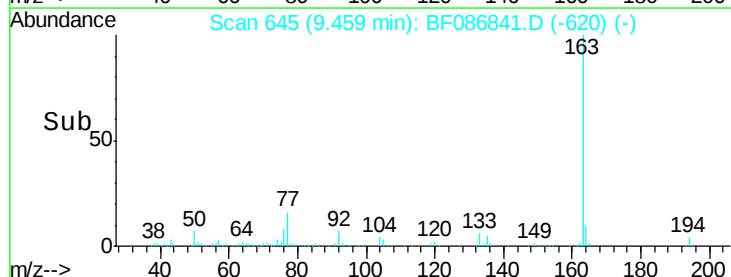
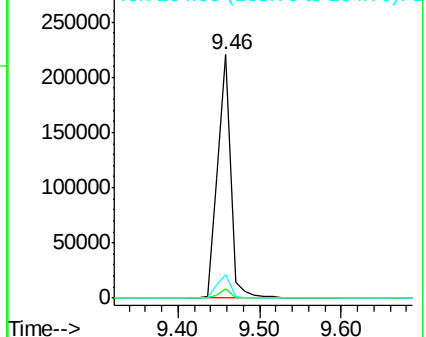
163 100

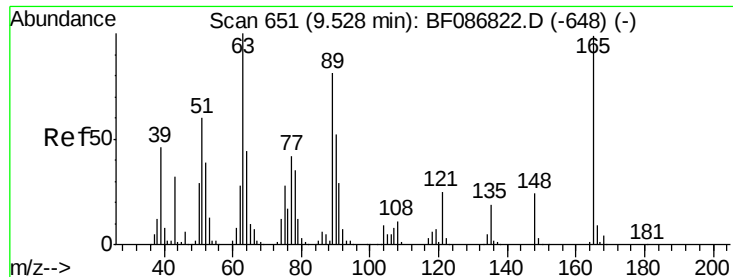
194 3.7 2.6 4.0

164 9.7 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

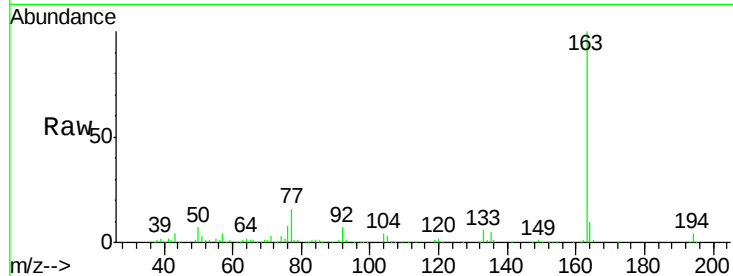




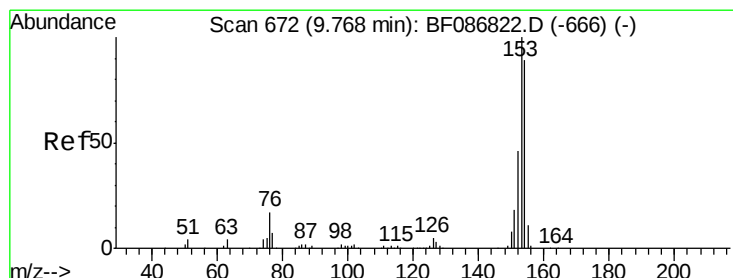
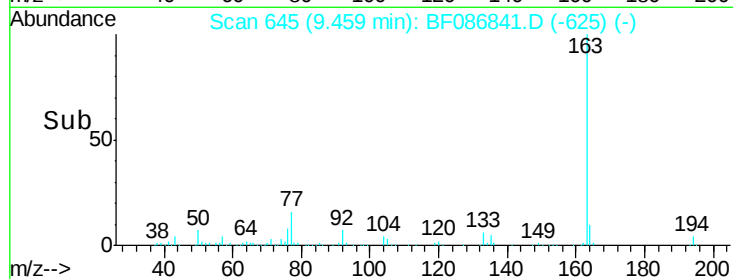
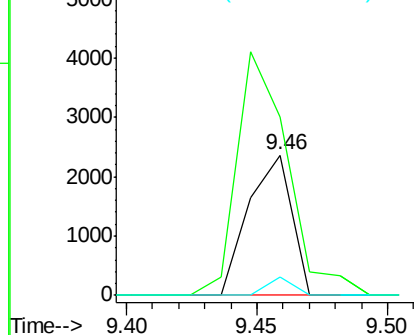
#50
2,6-Dinitrotoluene
Concen: 0.53 ng
RT: 9.46 min Scan# 645
Delta R.T. -0.07 min
Lab File: BF086841.D
Acq: 10 May 2016 00:57

Instrument :
BNA_F
ClientSampleId :
TP7-9FT

Tgt Ion:165 Resp: 2748
Ion Ratio Lower Upper
165 100
63 127.1 51.8 77.8#
89 12.8 50.7 76.1#

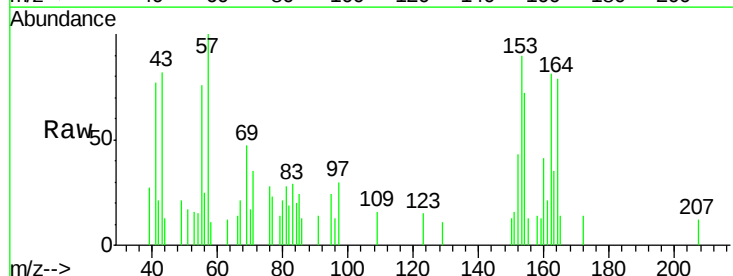


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

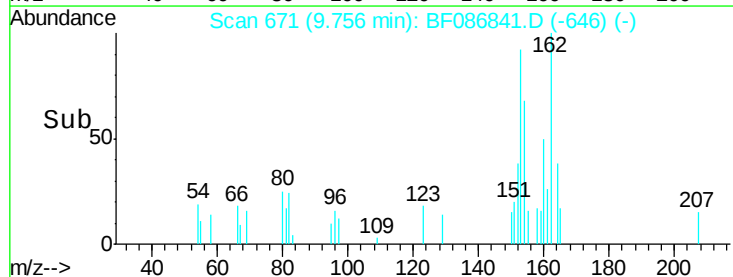
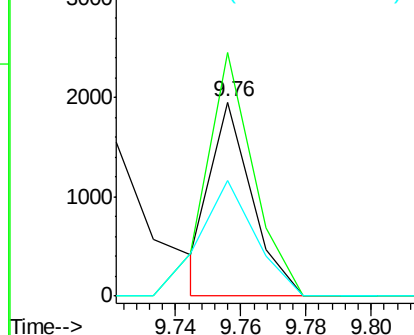


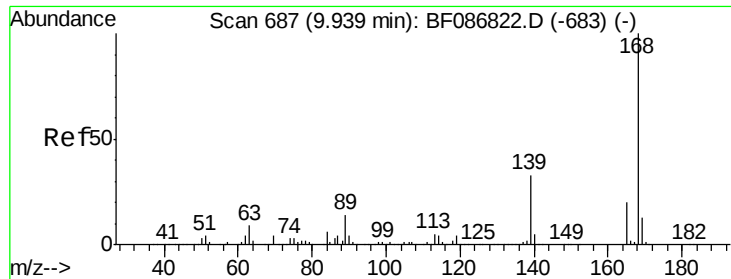
#51
Acenaphthene
Concen: 0.09 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF086841.D
Acq: 10 May 2016 00:57

Tgt Ion:154 Resp: 1661
Ion Ratio Lower Upper
154 100
153 125.4 89.8 134.6
152 59.6 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: 0.10 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.00 min

Lab File: BF086841.D

Acq: 10 May 2016 00:57

Instrument :

BNA_F

ClientSampleId :

TP7-9FT

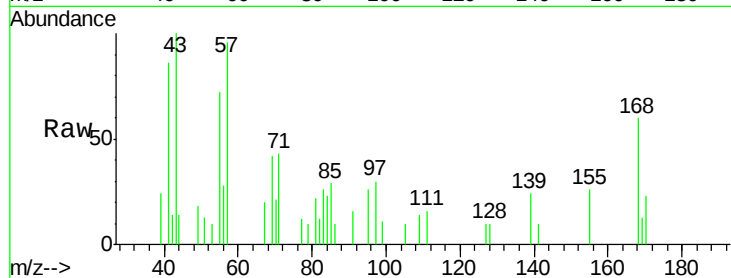
Tgt Ion:168 Resp: 2417

Ion Ratio Lower Upper

168 100

139 40.6 31.4 47.0

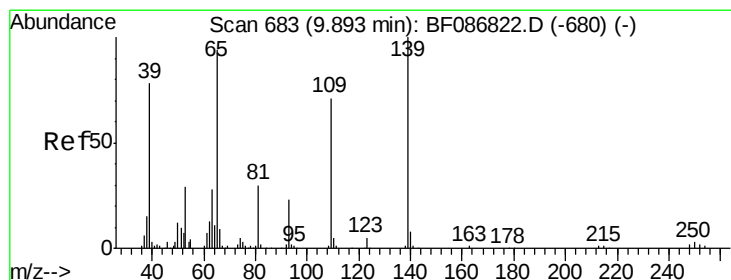
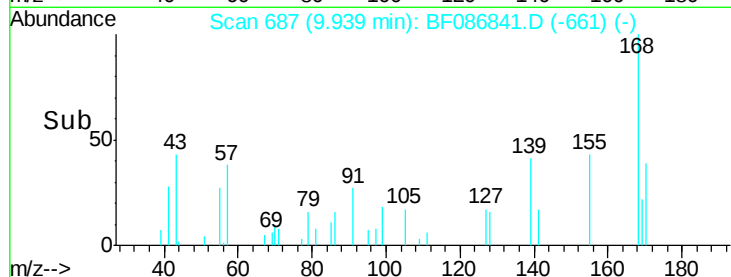
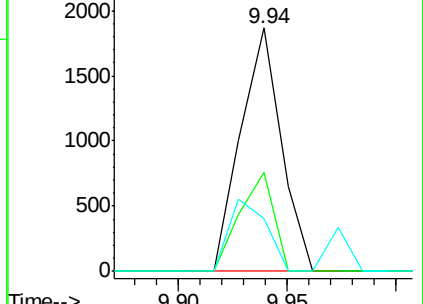
169 21.6 10.7 16.1#



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: 4.77 ng

RT: 9.94 min Scan# 687

Delta R.T. 0.05 min

Lab File: BF086841.D

Acq: 10 May 2016 00:57

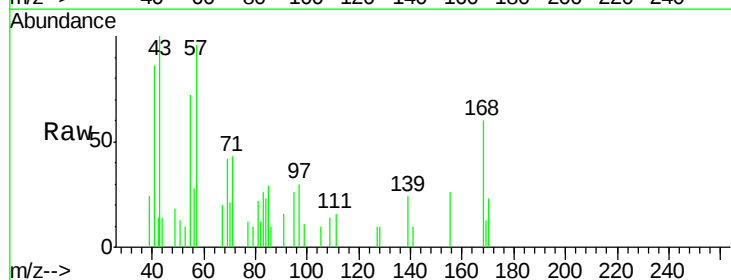
Tgt Ion:139 Resp: 822

Ion Ratio Lower Upper

139 100

109 56.9 36.9 76.9

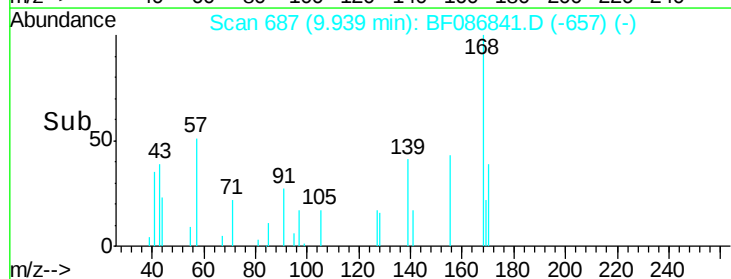
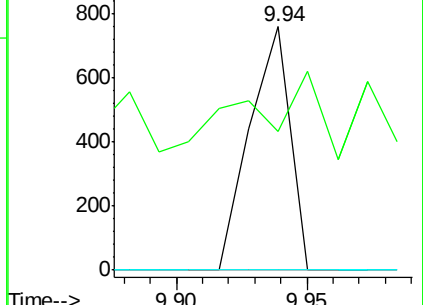
65 0.0 64.0 104.0#

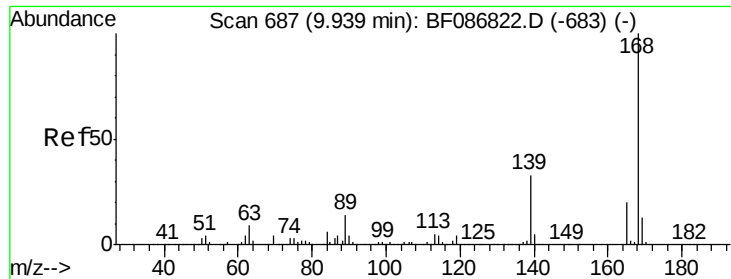


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 6.39 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.22 min

Lab File: BF086841.D

Acq: 10 May 2016 00:57

Instrument :

BNA_F

ClientSampleId :

TP7-9FT

Tgt Ion:165 Resp: 41038

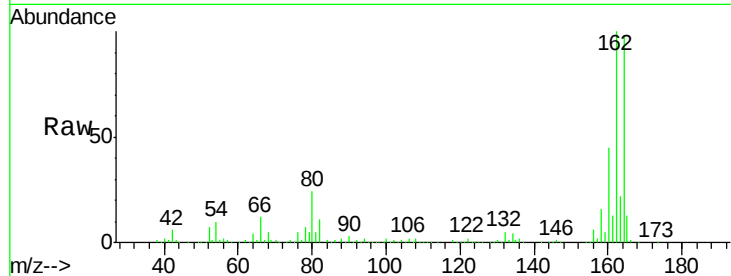
Ion Ratio Lower Upper

165 100

63 2.1 44.3 66.5#

89 1.8 70.0 105.0#

182 0.0 1.8 2.6#

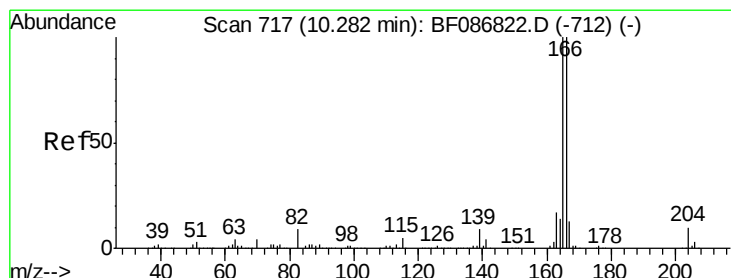
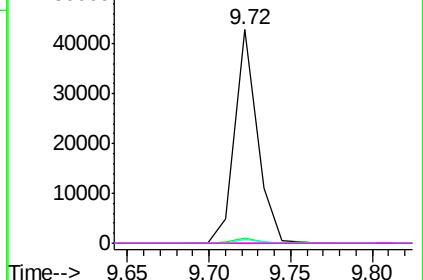
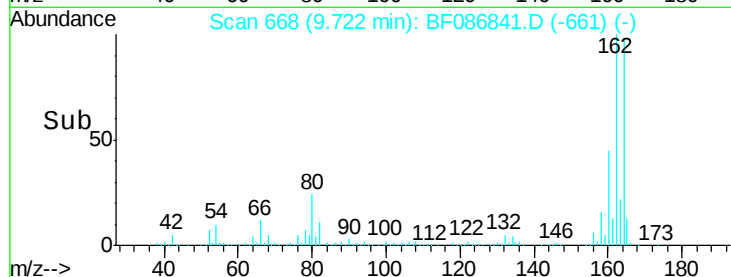


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 0.21 ng

RT: 10.27 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF086841.D

Acq: 10 May 2016 00:57

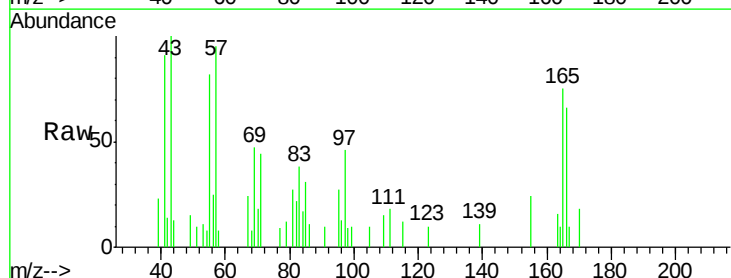
Tgt Ion:166 Resp: 4295

Ion Ratio Lower Upper

166 100

165 112.5 79.0 118.6

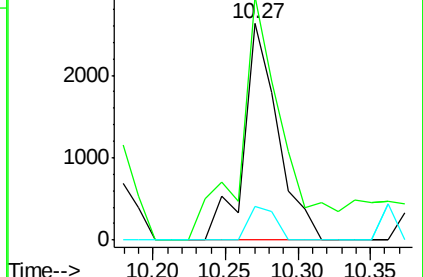
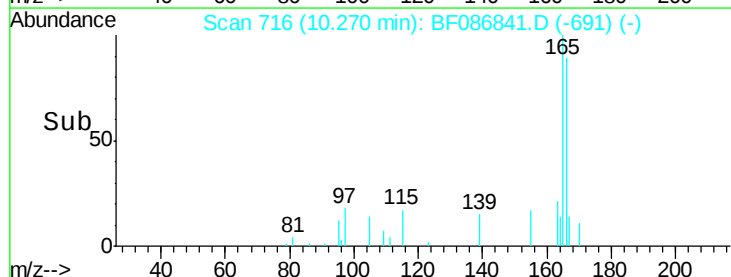
167 15.4 10.6 15.8

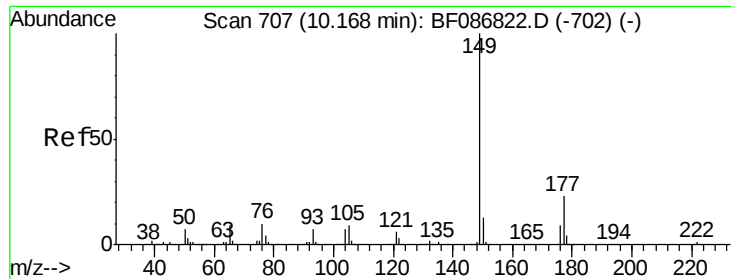


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

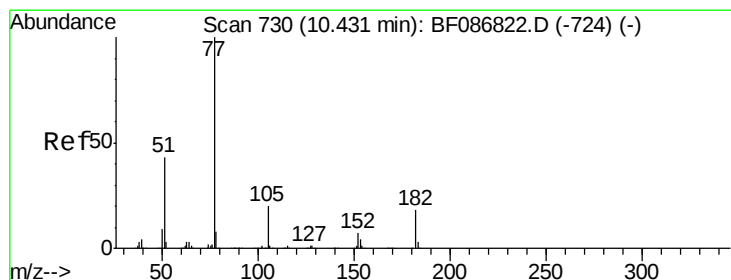
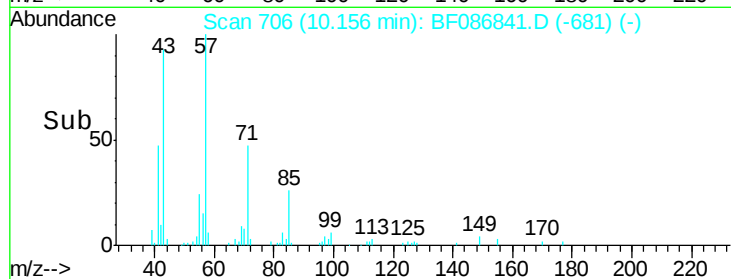
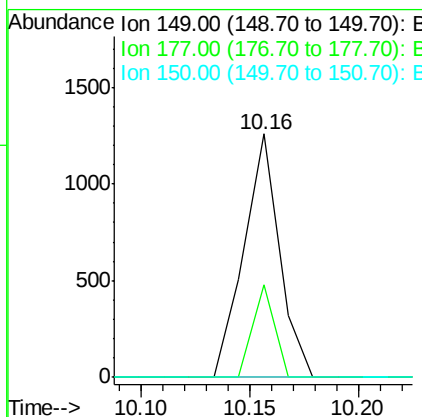
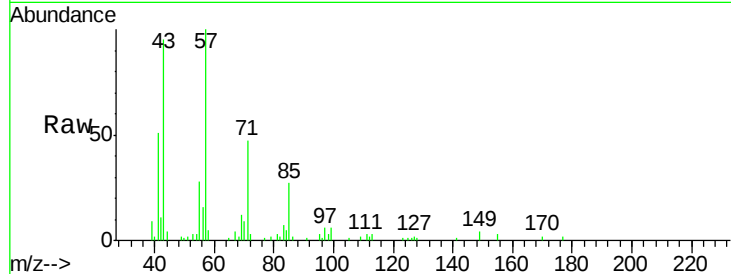




#59
Diethylphthalate
Concen: 0.06 ng
RT: 10.16 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF086841.D
Acq: 10 May 2016 00:57

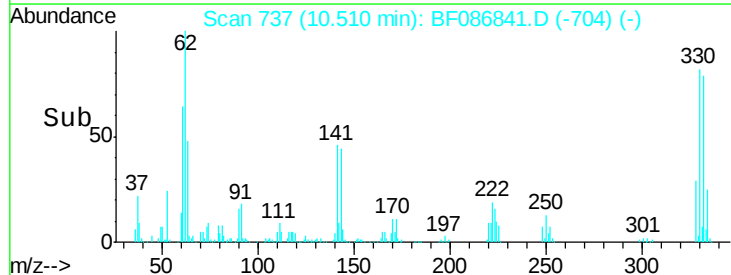
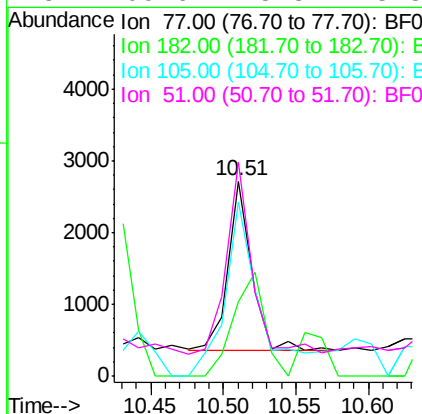
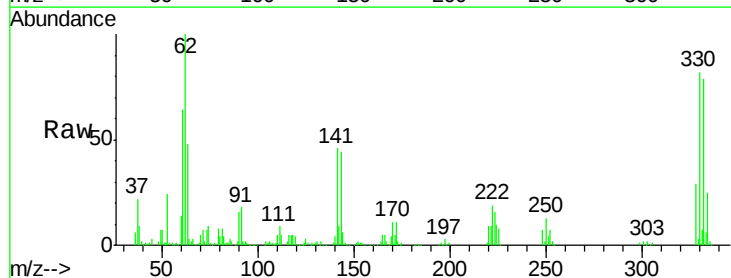
Instrument :
BNA_F
ClientSampleId :
TP7-9FT

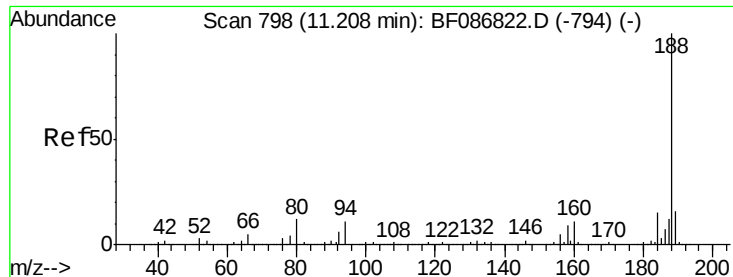
Tgt Ion: 149 Resp: 1429
Ion Ratio Lower Upper
149 100
177 37.8 16.6 24.8#
150 0.0 10.0 15.0#



#62
Azobenzene
Concen: 0.10 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.08 min
Lab File: BF086841.D
Acq: 10 May 2016 00:57

Tgt Ion: 77 Resp: 2640
Ion Ratio Lower Upper
77 100
182 37.9 0.0 38.8
105 89.3 3.2 43.2#
51 109.6 8.8 48.8#

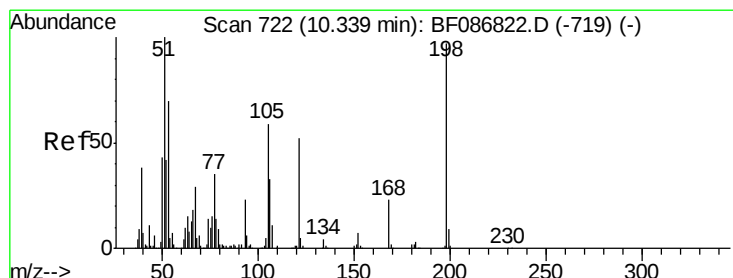
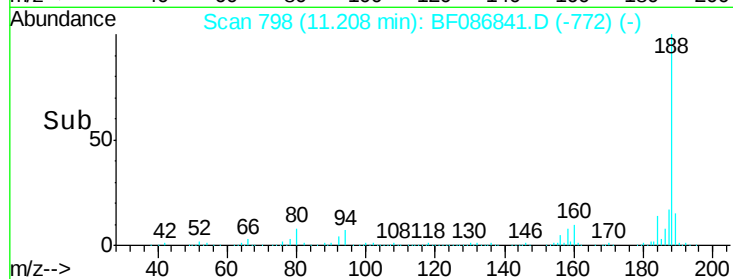
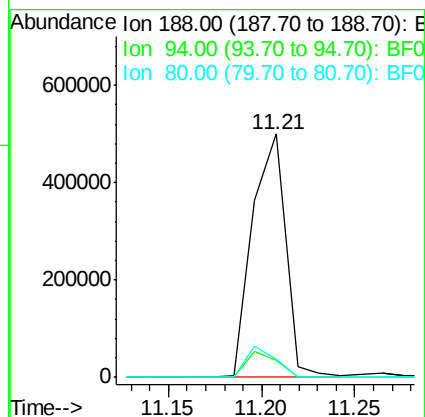
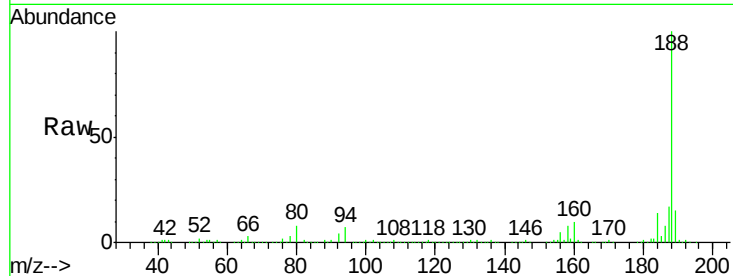




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF086841.D
Acq: 10 May 2016 00:57

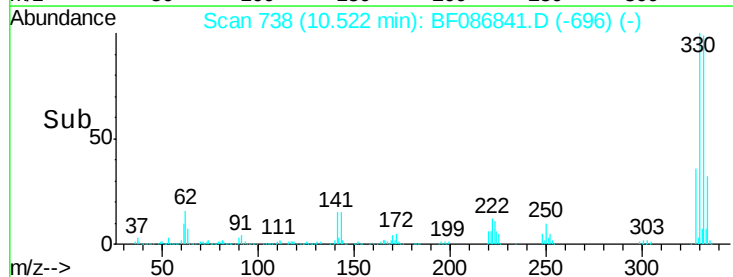
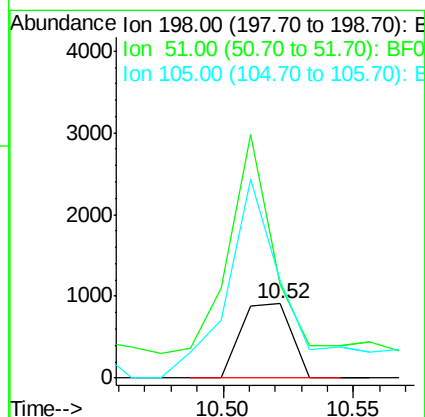
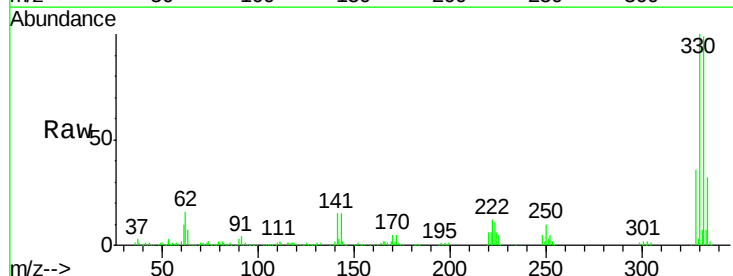
Instrument :
BNA_F
ClientSampleId :
TP7-9FT

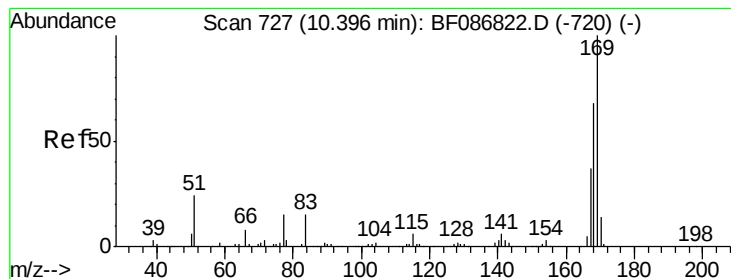
Tgt Ion:188 Resp: 620290
Ion Ratio Lower Upper
188 100
94 7.1 6.8 10.2
80 7.6 7.1 10.7



#64
4,6-Dinitro-2-methylphenol
Concen: 0.32 ng
RT: 10.52 min Scan# 738
Delta R.T. 0.18 min
Lab File: BF086841.D
Acq: 10 May 2016 00:57

Tgt Ion:198 Resp: 1231
Ion Ratio Lower Upper
198 100
51 127.5 20.5 60.5#
105 131.7 24.5 64.5#





#65

n-Nitrosodiphenylamine

Concen: 0.07 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF086841.D

Acq: 10 May 2016 00:57

Instrument :

BNA_F

ClientSampleId :

TP7-9FT

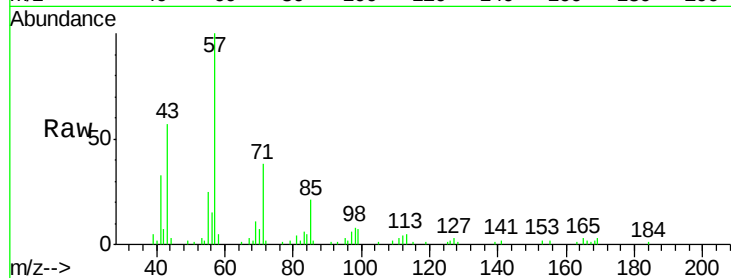
Tgt Ion:169 Resp: 1406

Ion Ratio Lower Upper

169 100

168 66.4 53.8 80.6

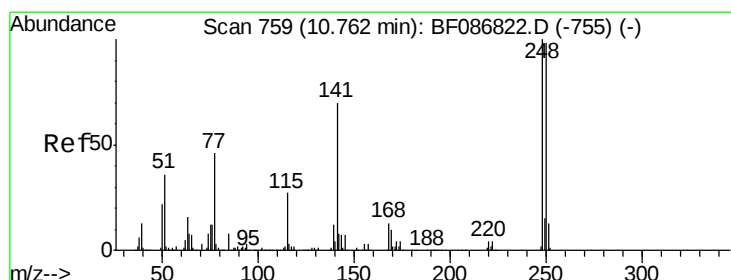
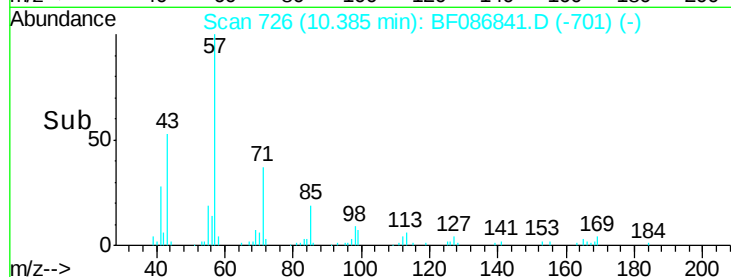
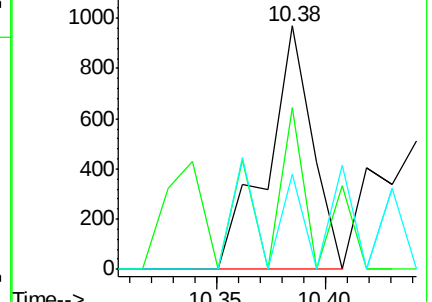
167 39.2 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 5.01 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.24 min

Lab File: BF086841.D

Acq: 10 May 2016 00:57

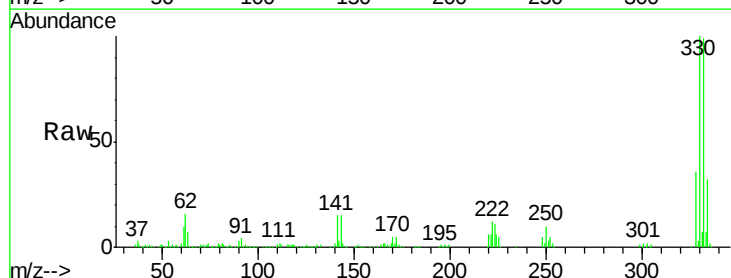
Tgt Ion:248 Resp: 31493

Ion Ratio Lower Upper

248 100

250 202.6 78.6 117.8#

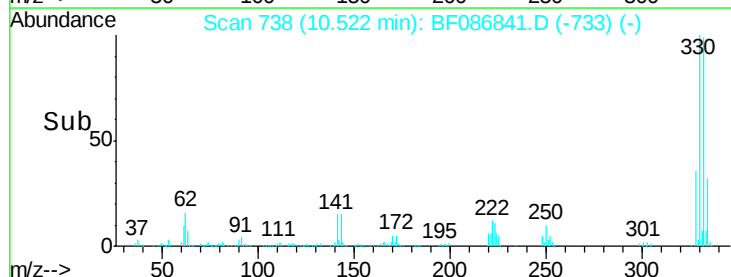
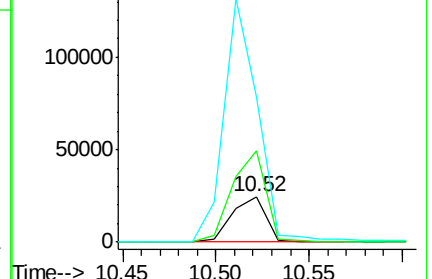
141 320.8 76.0 114.0#

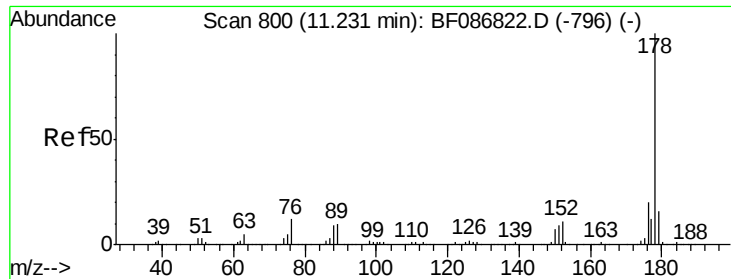


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

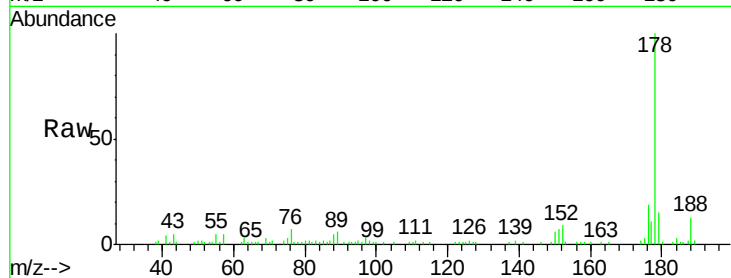




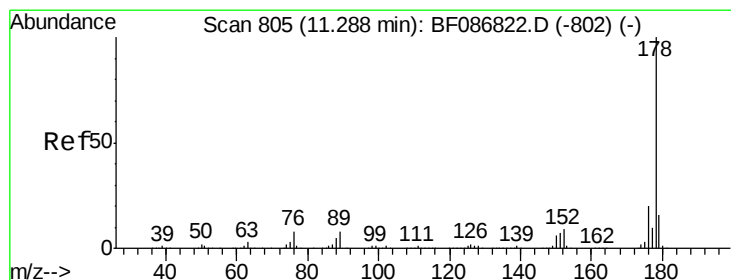
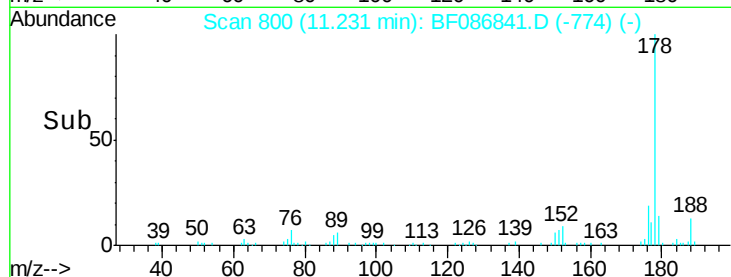
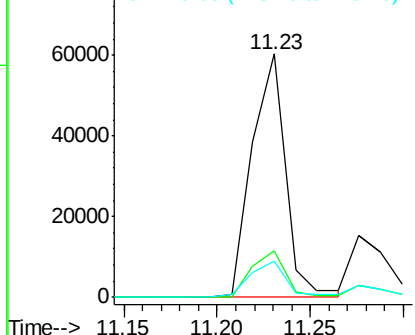
#70
Phenanthrene
Concen: 2.27 ng
RT: 11.23 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF086841.D
Acq: 10 May 2016 00:57

Instrument :
BNA_F
ClientSampleId :
TP7-9FT

Tgt Ion:178 Resp: 75177
Ion Ratio Lower Upper
178 100
176 19.0 16.0 24.0
179 15.0 12.6 18.8

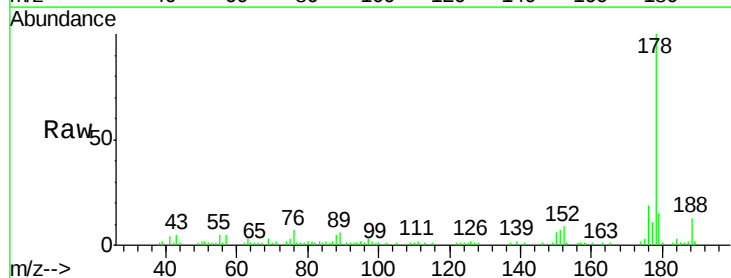


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

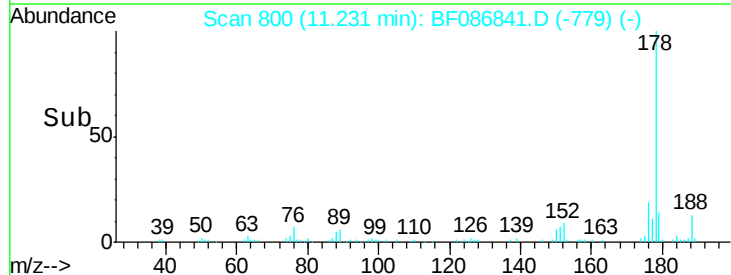
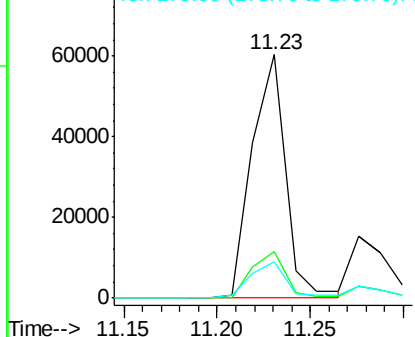


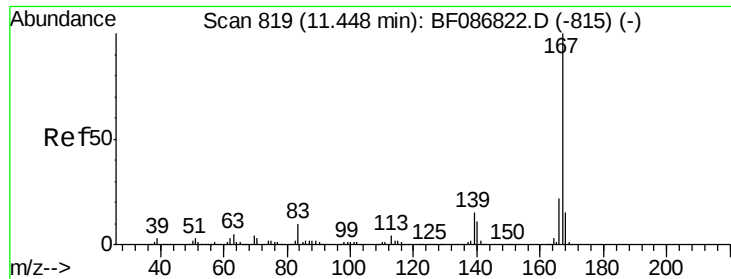
#71
Anthracene
Concen: 2.22 ng
RT: 11.23 min Scan# 800
Delta R.T. -0.06 min
Lab File: BF086841.D
Acq: 10 May 2016 00:57

Tgt Ion:178 Resp: 75177
Ion Ratio Lower Upper
178 100
176 19.0 15.6 23.4
179 15.0 12.7 19.1



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: 0.18 ng

RT: 11.46 min Scan# 820

Delta R.T. 0.01 min

Lab File: BF086841.D

Acq: 10 May 2016 00:57

Instrument :

BNA_F

ClientSampleId :

TP7-9FT

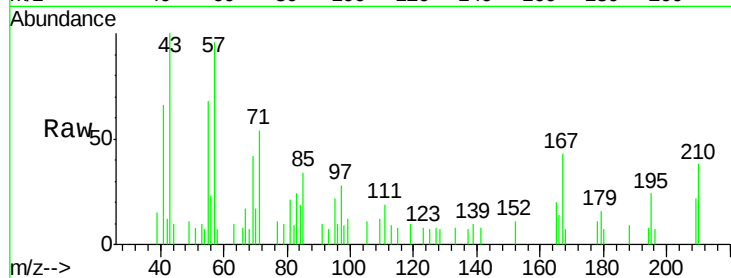
Tgt Ion:167 Resp: 5207

Ion Ratio Lower Upper

167 100

166 31.9 17.7 26.5#

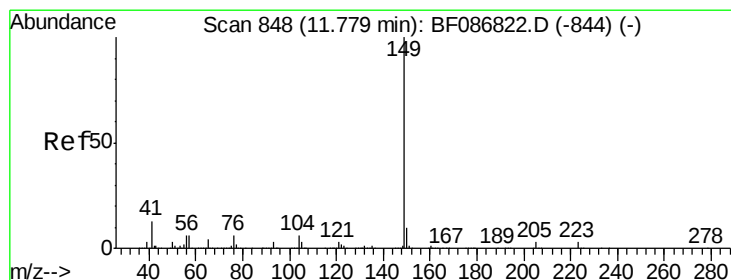
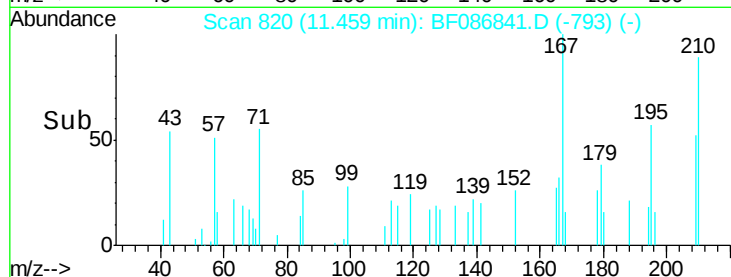
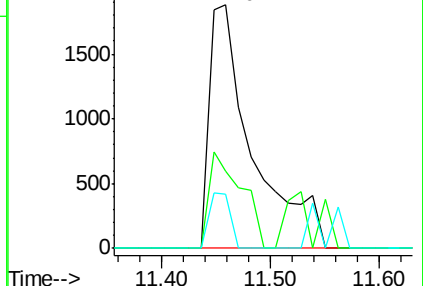
139 22.3 10.8 16.2#



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



#73

Di-n-butylphthalate

Concen: 0.07 ng

RT: 11.77 min Scan# 847

Delta R.T. -0.01 min

Lab File: BF086841.D

Acq: 10 May 2016 00:57

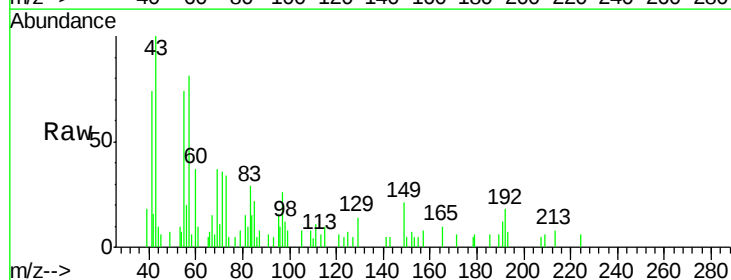
Tgt Ion:149 Resp: 2462

Ion Ratio Lower Upper

149 100

150 24.0 7.6 11.4#

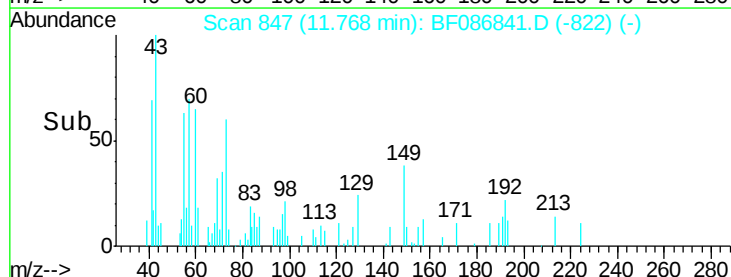
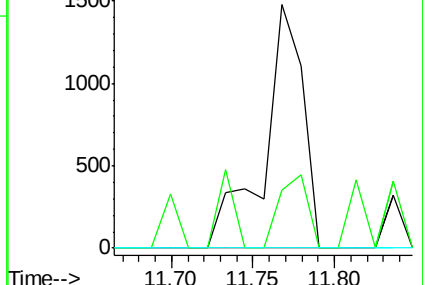
104 0.0 3.8 5.6#

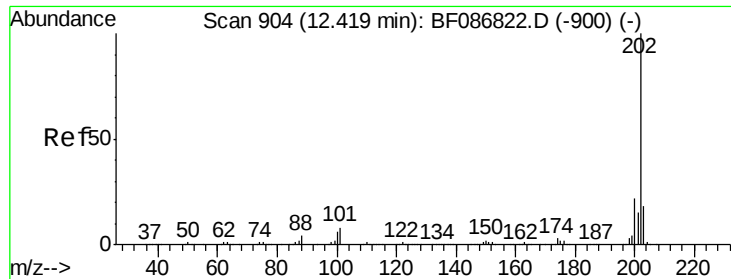


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 6.47 ng

RT: 12.41 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF086841.D

Acq: 10 May 2016 00:57

Instrument :

BNA_F

ClientSampleId :

TP7-9FT

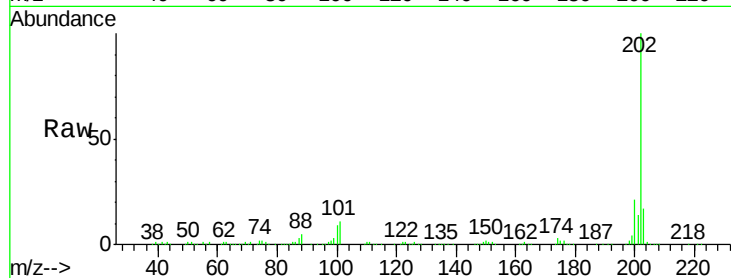
Tgt Ion:202 Resp: 220121

Ion Ratio Lower Upper

202 100

101 11.2 0.0 35.4

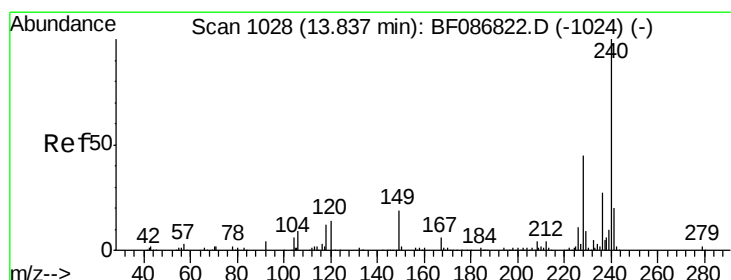
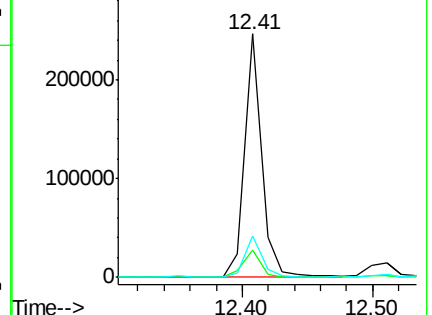
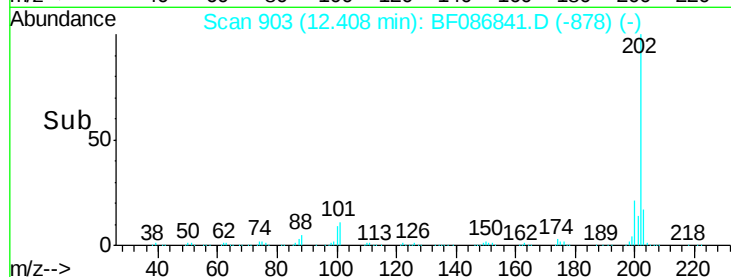
203 16.9 0.0 38.1



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: 13.83 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF086841.D

Acq: 10 May 2016 00:57

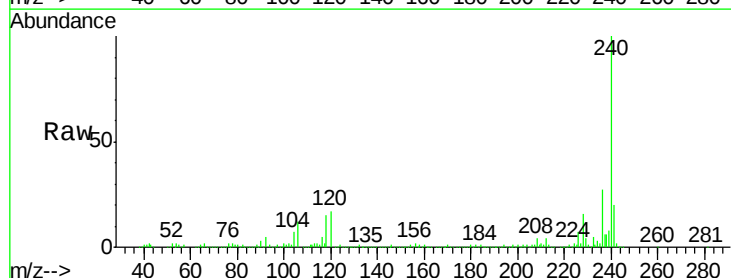
Tgt Ion:240 Resp: 476047

Ion Ratio Lower Upper

240 100

120 16.6 11.2 16.8

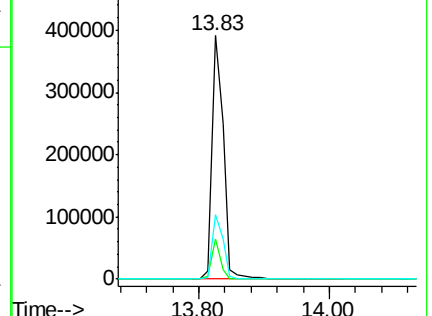
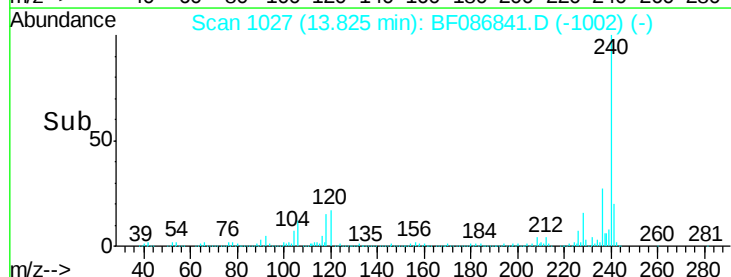
236 26.5 21.2 31.8

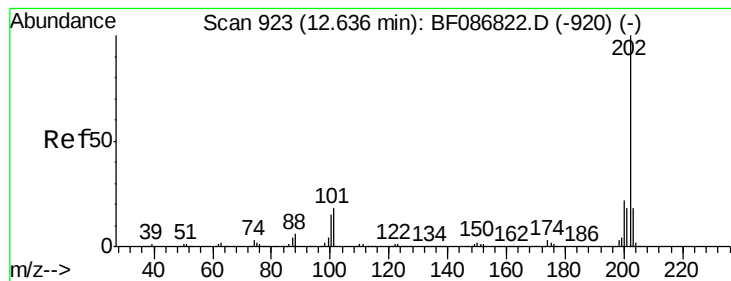


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 5.45 ng

RT: 12.64 min Scan# 923

Delta R.T. -0.00 min

Lab File: BF086841.D

Acq: 10 May 2016 00:57

Instrument :

BNA_F

ClientSampleId :

TP7-9FT

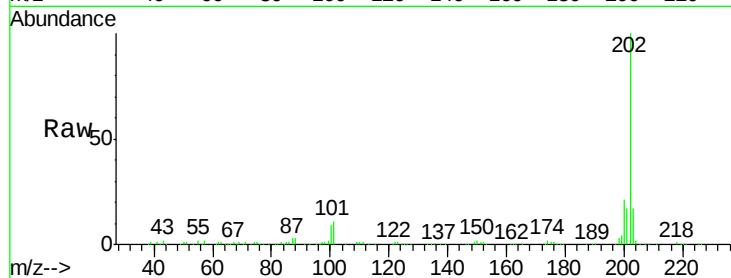
Tgt Ion:202 Resp: 198739

Ion Ratio Lower Upper

202 100

200 20.6 17.7 26.5

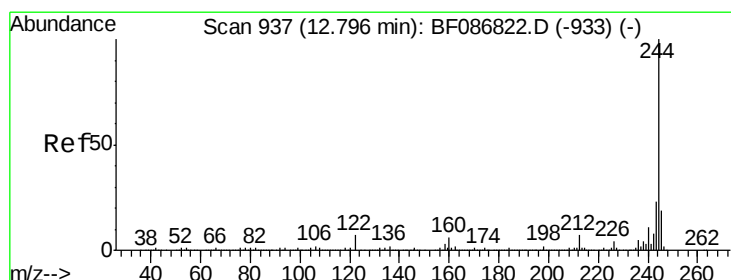
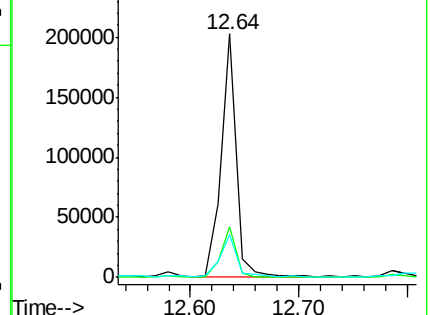
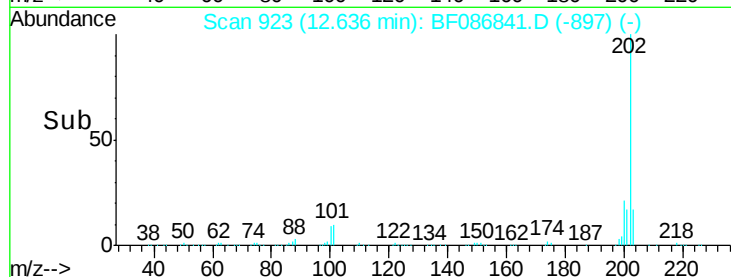
203 17.3 14.2 21.4



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: 70.02 ng

RT: 12.78 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF086841.D

Acq: 10 May 2016 00:57

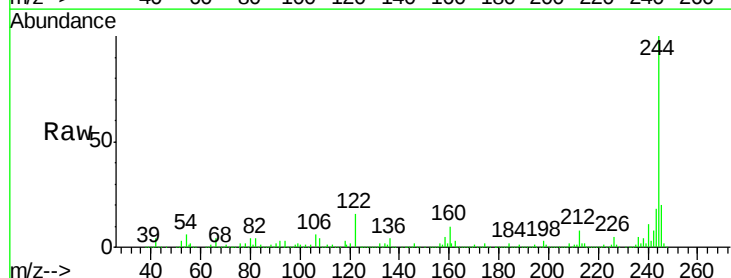
Tgt Ion:244 Resp: 1571037

Ion Ratio Lower Upper

244 100

212 8.4 6.2 9.2

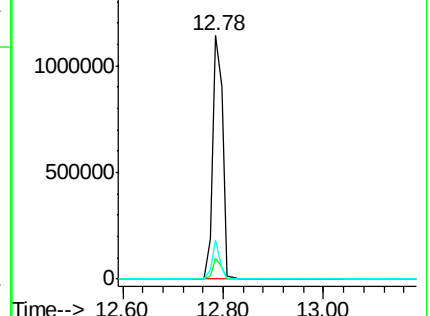
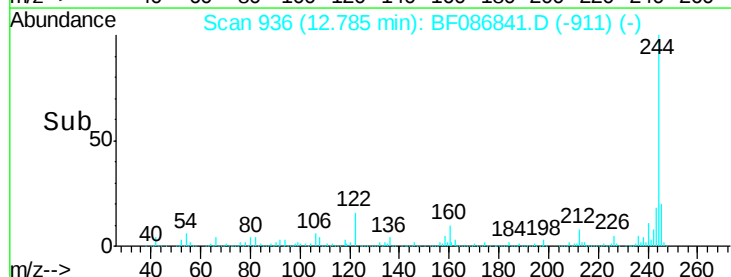
122 15.7 12.0 18.0

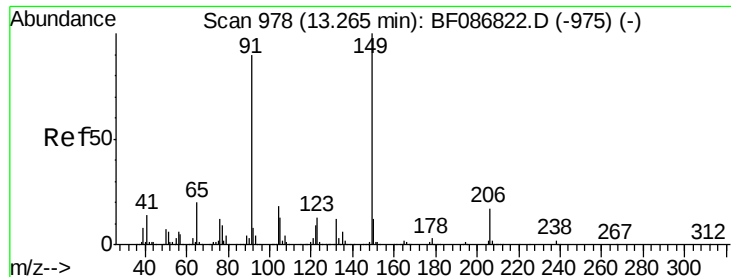


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

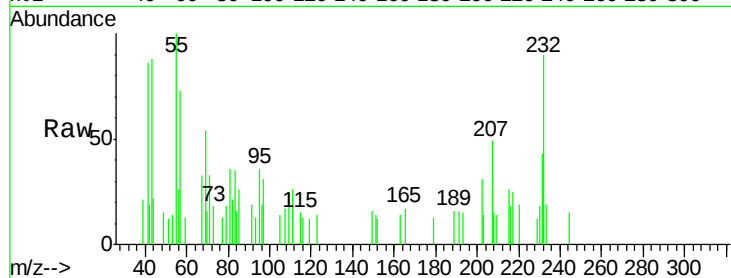




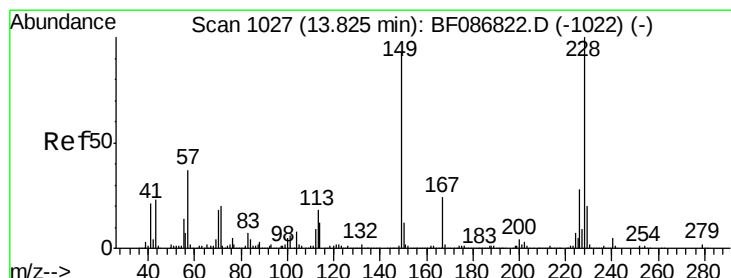
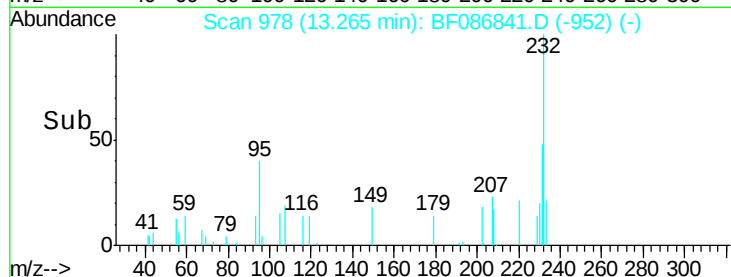
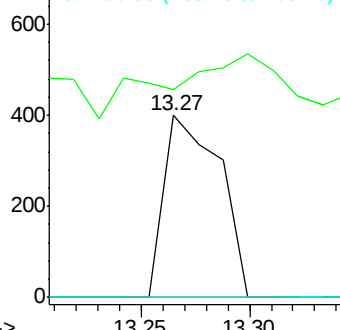
#79
Butylbenzylphthalate
Concen: 0.05 ng
RT: 13.27 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF086841.D
Acq: 10 May 2016 00:57

Instrument :
BNA_F
ClientSampleId :
TP7-9FT

Tgt Ion:149 Resp: 712
Ion Ratio Lower Upper
149 100
91 114.5 48.0 72.0#
206 0.0 15.8 23.6#

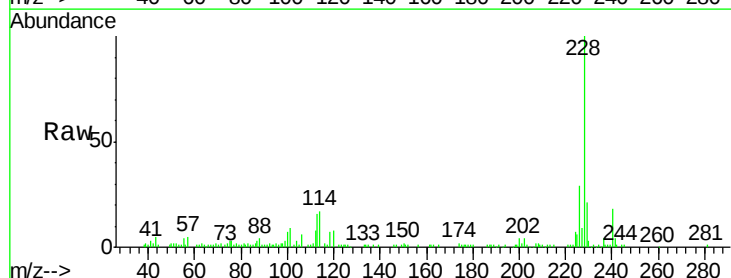


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

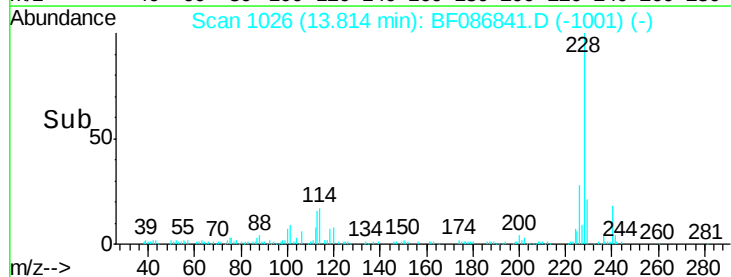
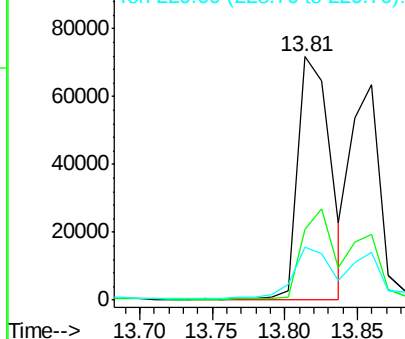


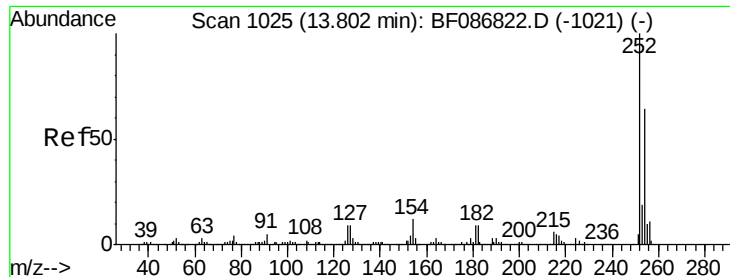
#80
Benzo(a)anthracene
Concen: 4.21 ng
RT: 13.81 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF086841.D
Acq: 10 May 2016 00:57

Tgt Ion:228 Resp: 112427
Ion Ratio Lower Upper
228 100
226 28.9 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

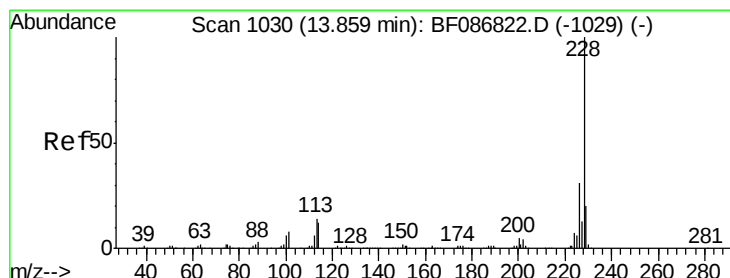
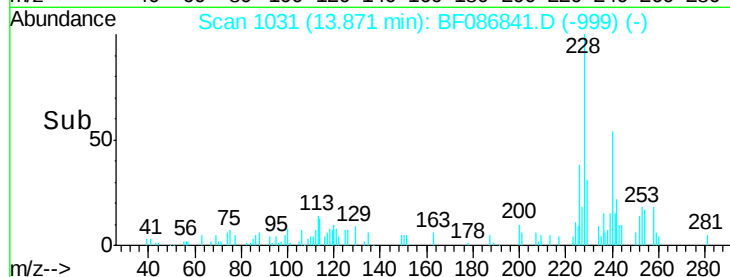
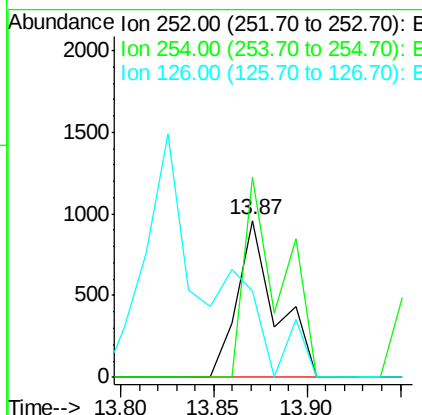
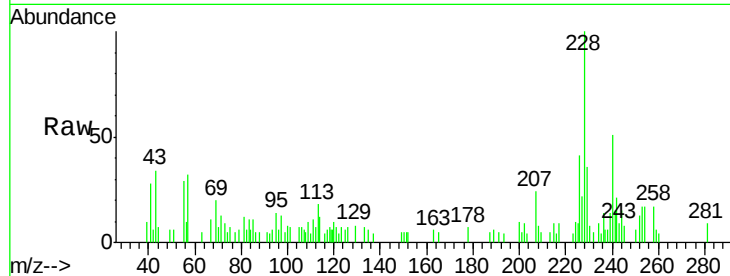




#81
 3,3'-Dichlorobenzidine
 Concen: 0.08 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. 0.07 min
 Lab File: BF086841.D
 Acq: 10 May 2016 00:57

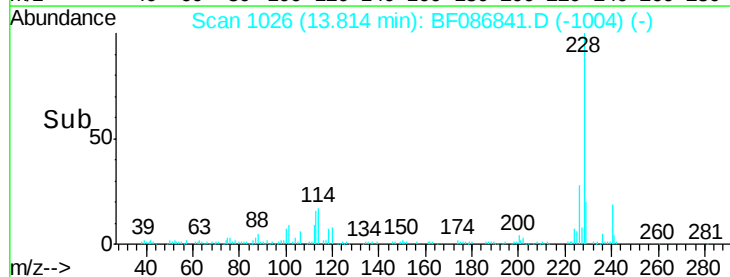
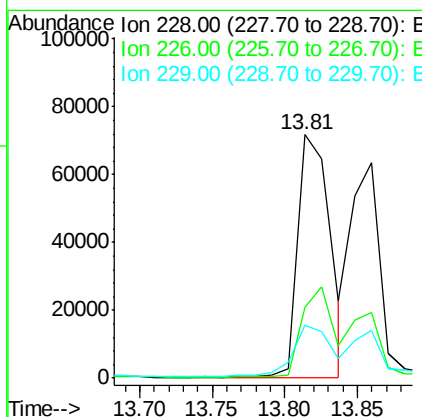
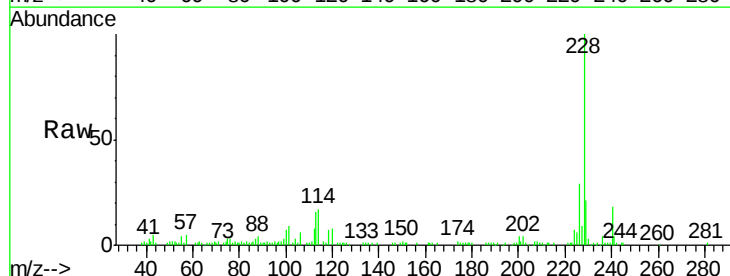
Instrument :
 BNA_F
 ClientSampleId :
 TP7-9FT

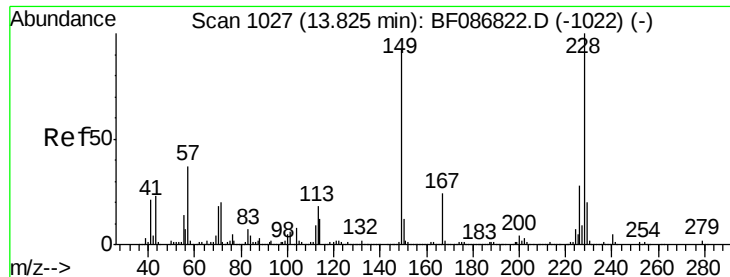
Tgt Ion: 252 Resp: 1390
 Ion Ratio Lower Upper
 252 100
 254 127.9 50.7 76.1#
 126 54.9 12.7 19.1#



#82
 Chrysene
 Concen: 4.14 ng
 RT: 13.81 min Scan# 1026
 Delta R.T. -0.05 min
 Lab File: BF086841.D
 Acq: 10 May 2016 00:57

Tgt Ion: 228 Resp: 112427
 Ion Ratio Lower Upper
 228 100
 226 28.9 24.4 36.6
 229 21.5 15.8 23.8

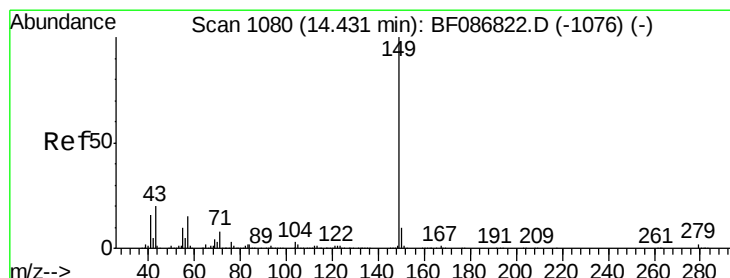
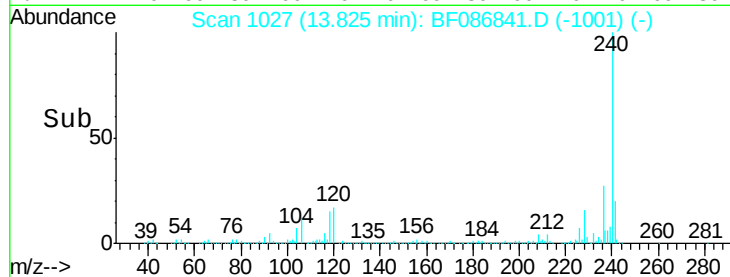
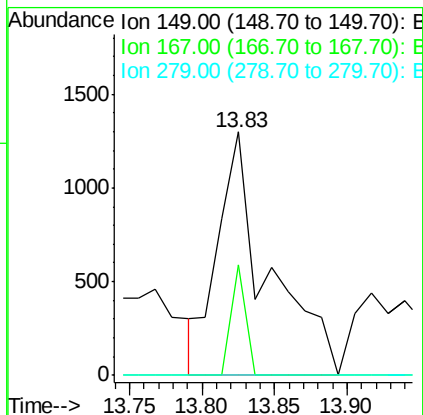
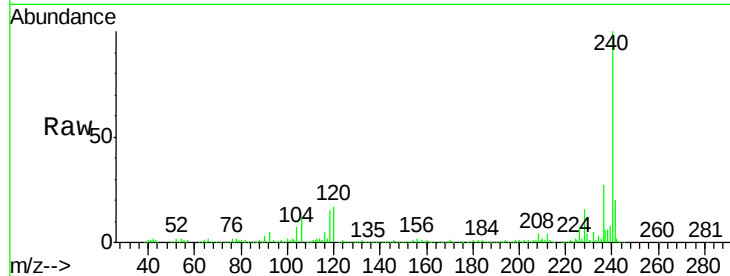




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.17 ng
 RT: 13.83 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BF086841.D
 Acq: 10 May 2016 00:57

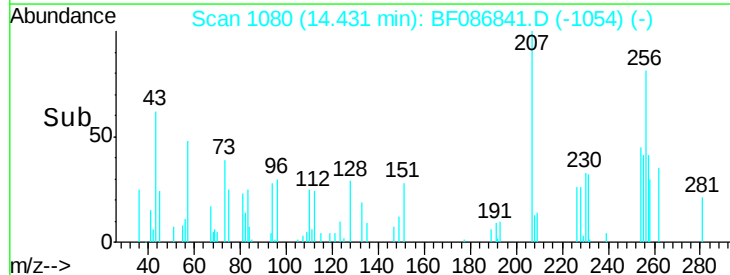
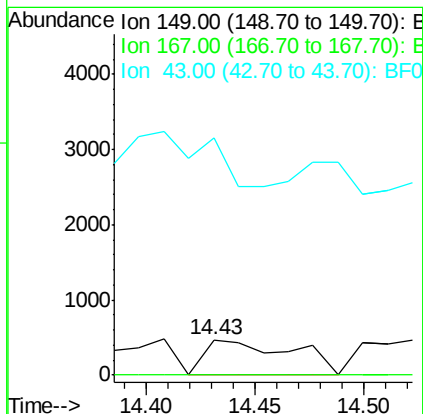
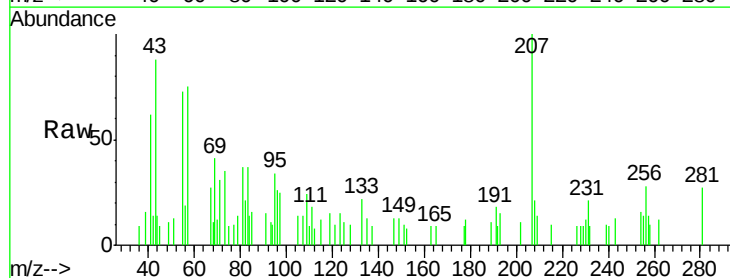
Instrument :
 BNA_F
 ClientSampleId :
 TP7-9FT

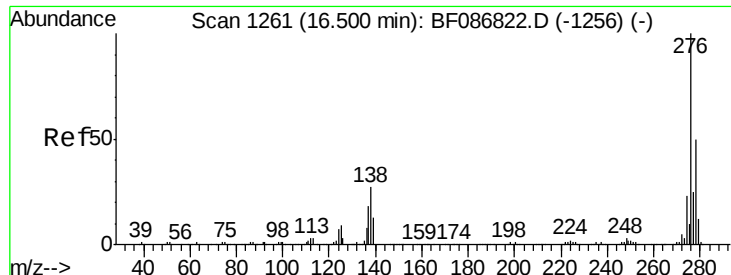
Tgt Ion:149 Resp: 3102
 Ion Ratio Lower Upper
 149 100
 167 45.3 21.8 32.6#
 279 0.0 2.6 4.0#



#84
 Di-n-octyl phthalate
 Concen: 0.04 ng
 RT: 14.43 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: BF086841.D
 Acq: 10 May 2016 00:57

Tgt Ion:149 Resp: 1309
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 0.0 8.2 12.4#

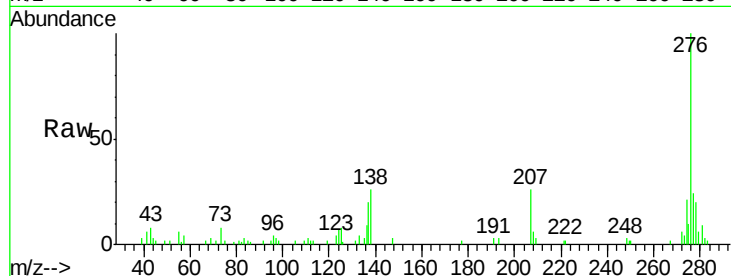




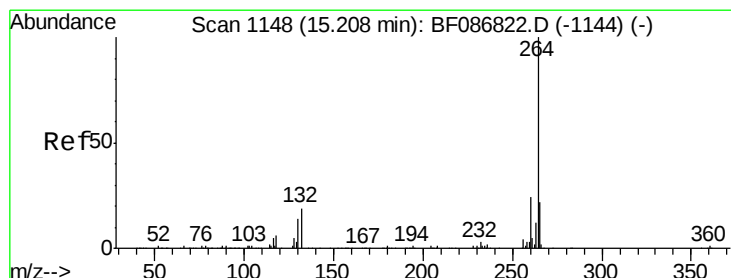
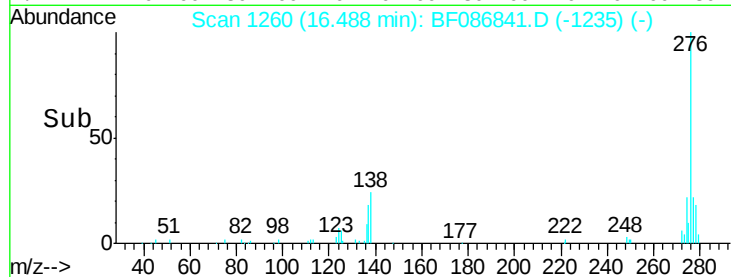
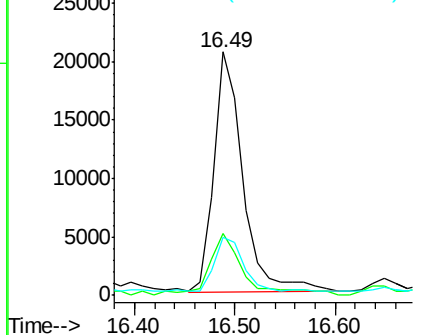
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 1.81 ng
 RT: 16.49 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BF086841.D
 Acq: 10 May 2016 00:57

Instrument :
 BNA_F
 ClientSampleId :
 TP7-9FT

Tgt Ion: 276 Resp: 41037
 Ion Ratio Lower Upper
 276 100
 138 31.5 25.6 38.4
 277 23.5 20.5 30.7

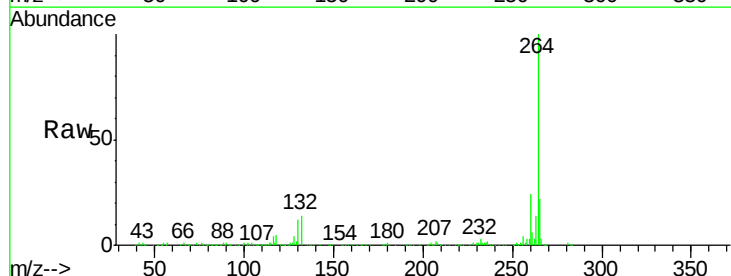


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

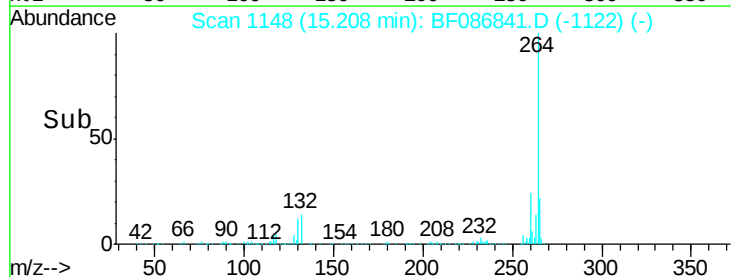
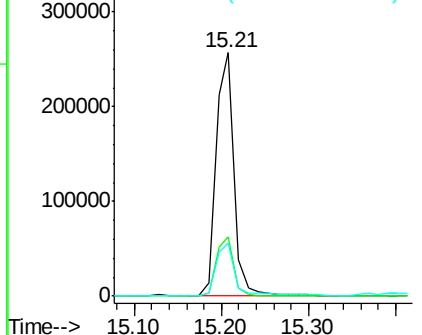


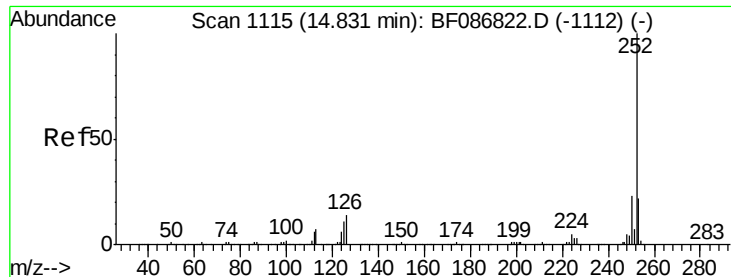
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1148
 Delta R.T. -0.00 min
 Lab File: BF086841.D
 Acq: 10 May 2016 00:57

Tgt Ion: 264 Resp: 374677
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.5 29.3
 265 21.7 17.3 25.9



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

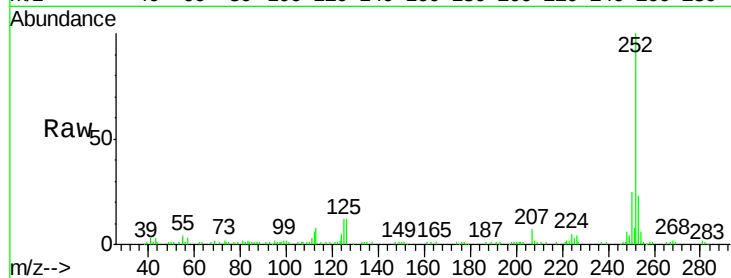




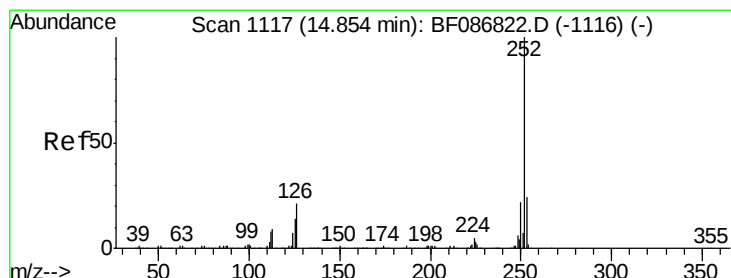
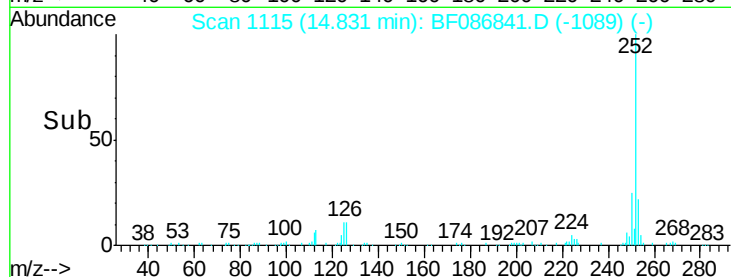
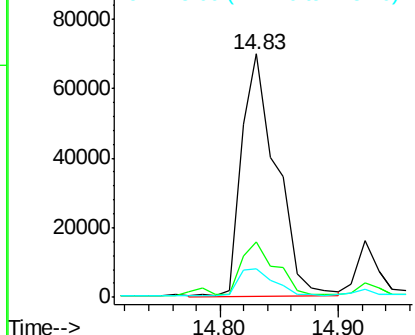
#87
Benzo(b)fluoranthene
Concen: 5.82 ng
RT: 14.83 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BF086841.D
Acq: 10 May 2016 00:57

Instrument :
BNA_F
ClientSampleId :
TP7-9FT

Tgt Ion:252 Resp: 141643
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.6
125 11.5 11.4 17.0

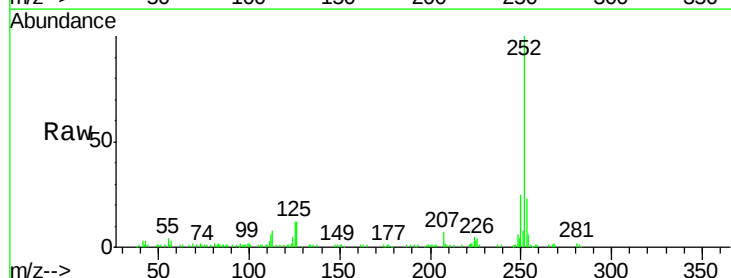


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

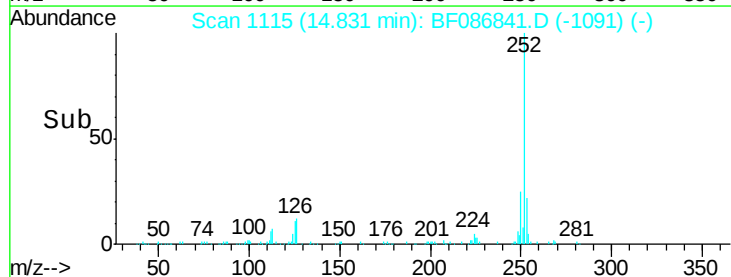
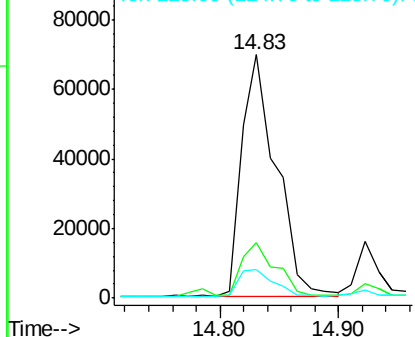


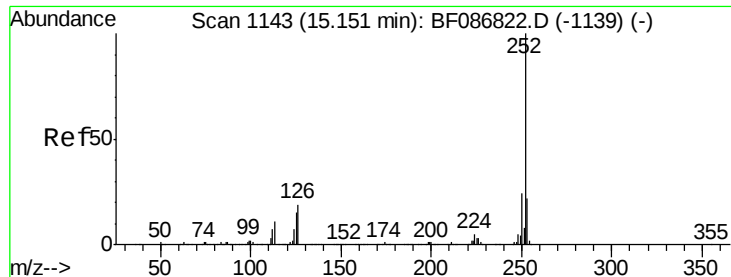
#88
Benzo(k)fluoranthene
Concen: 7.03 ng
RT: 14.83 min Scan# 1115
Delta R.T. -0.02 min
Lab File: BF086841.D
Acq: 10 May 2016 00:57

Tgt Ion:252 Resp: 140112
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.6
125 11.5 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: 3.21 ng

RT: 15.15 min Scan# 1143

Delta R.T. -0.00 min

Lab File: BF086841.D

Acq: 10 May 2016 00:57

Instrument :

BNA_F

ClientSampleId :

TP7-9FT

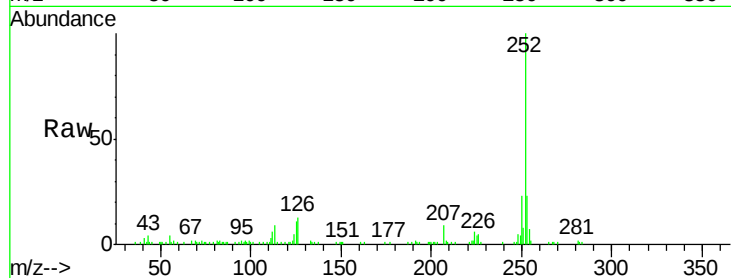
Tgt Ion:252 Resp: 67376

Ion Ratio Lower Upper

252 100

253 22.8 17.2 25.8

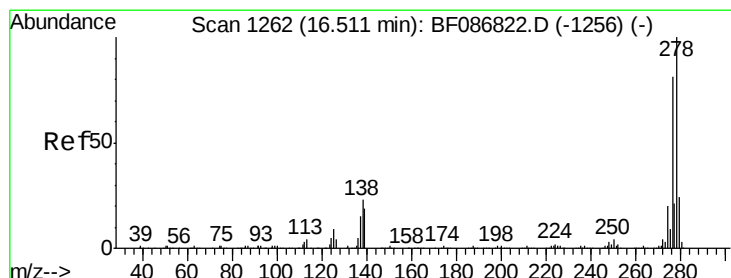
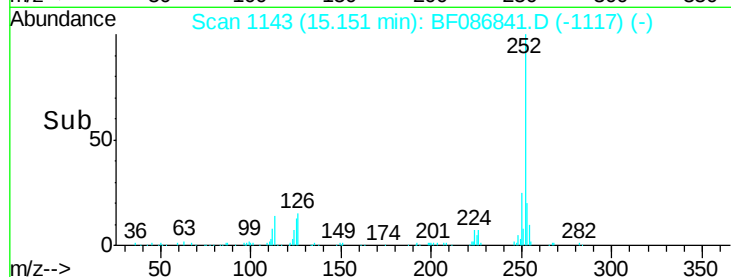
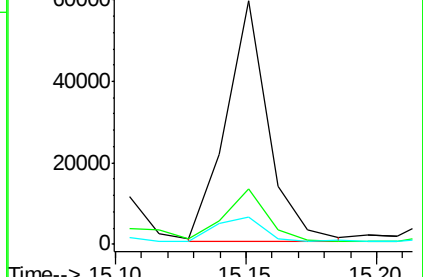
125 11.1 9.0 13.6



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: 0.58 ng

RT: 16.33 min Scan# 1246

Delta R.T. -0.18 min

Lab File: BF086841.D

Acq: 10 May 2016 00:57

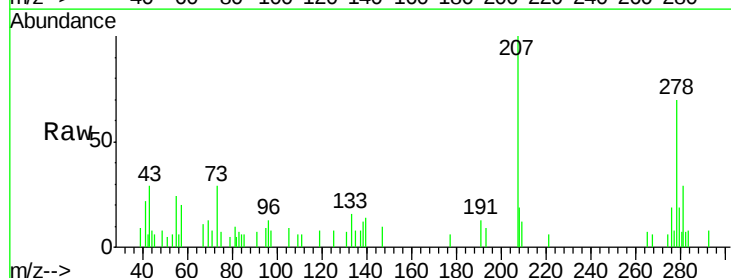
Tgt Ion:278 Resp: 10188

Ion Ratio Lower Upper

278 100

139 20.1 16.6 24.8

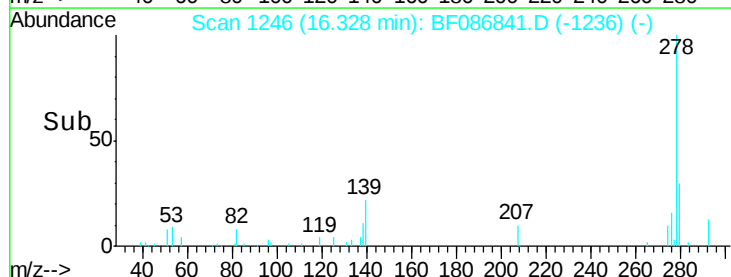
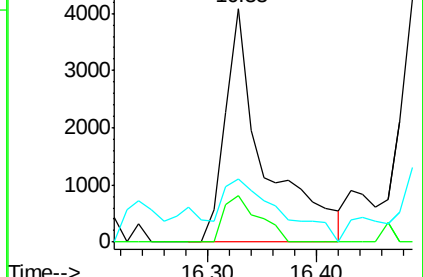
279 27.3 19.6 29.4

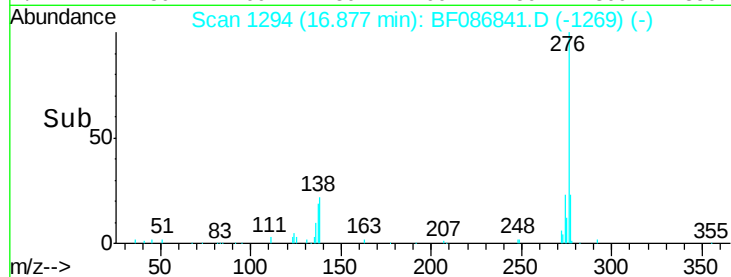
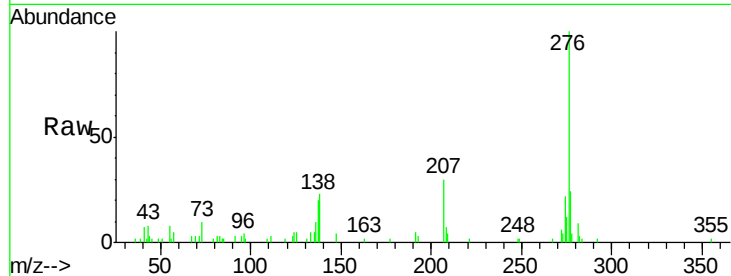
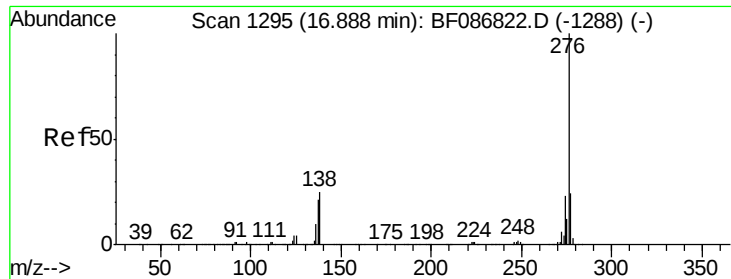


Abundance Ion 278.00 (277.70 to 278.70): E

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: 2.12 ng

RT: 16.88 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF086841.D

Acq: 10 May 2016 00:57

Instrument :

BNA_F

ClientSampleId :

TP7-9FT

Tgt Ion: 276 Resp: 38199

Ion Ratio Lower Upper

276 100

277 23.9 19.6 29.4

138 23.2 23.6 35.4#

