

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050916\
 Data File : BF086840.D
 Acq On : 10 May 2016 00:28
 Operator : UM/SJ
 Sample : H2895-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP7-7.5FT

Quant Time: May 10 02:09:19 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	153048	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	642709	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	325231	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	638039	20.00	ng	0.00
75) Chrysene-d12	13.83	240	509148	20.00	ng	-0.01
86) Perylene-d12	15.20	264	378045	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	1020977	112.97	ng	0.00
7) Phenol-d6	6.35	99	1435487	118.85	ng	-0.01
23) Nitrobenzene-d5	7.26	82	1098981	85.86	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	376259	109.28	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1327480	68.60	ng	0.00
78) Terphenyl-d14	12.79	244	997779	41.58	ng	-0.01

Target Compounds

						Qvalue
4) n-Nitrosodimethylamine	3.02	42	704	0.09	ng	# 1
6) Aniline	6.46	93	1693	0.12	ng	# 1
9) Benzaldehyde	6.35	77	2375	0.34	ng	# 4
10) Phenol	6.36	94	9541	0.66	ng	# 30
11) bis(2-Chloroethyl)ether	6.46	93	1693	0.15	ng	# 1
15) Benzyl Alcohol	6.84	79	15315	1.84	ng	# 42
16) 2,2'-oxybis(1-Chloropropan	6.74	45	1758	0.07	ng	# 64
18) Hexachloroethane	6.97	117	523	0.12	ng	# 6
19) n-Nitroso-di-n-propylamine	7.26	70	152458	18.06	ng	# 78
24) Nitrobenzene	7.26	77	3191	0.24	ng	# 37
25) Isophorone	7.26	82	1070537	45.08	ng	# 68
31) Naphthalene	8.00	128	1267	0.04	ng	# 69
45) 1,1'-Biphenyl	9.05	154	2710	0.10	ng	# 1
47) 2-Nitroaniline	9.45	65	2889	0.39	ng	# 1
48) Acenaphthylene	9.58	152	692	0.02	ng	# 60
49) Dimethylphthalate	9.46	163	251806	10.15	ng	# 99
50) 2,6-Dinitrotoluene	9.46	165	2538	0.49	ng	# 23
51) Acenaphthene	9.72	154	1320	0.07	ng	# 5
56) 2,4-Dinitrotoluene	9.72	165	41116	6.36	ng	# 16
57) Fluorene	10.51	166	13877	0.68	ng	# 93
59) Diethylphthalate	10.16	149	1228	0.05	ng	# 82
62) Azobenzene	10.44	77	221	0.01	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.51	198	703	0.18	ng	# 1
65) n-Nitrosodiphenylamine	10.51	169	11064	0.56	ng	# 50
66) 4-Bromophenyl-phenylether	10.51	248	21424	3.31	ng	# 1
70) Phenanthrene	11.23	178	7552	0.22	ng	# 98
71) Anthracene	11.23	178	7552	0.22	ng	# 98
72) Carbazole	11.46	167	215	0.01	ng	# 59
73) Di-n-butylphthalate	11.77	149	1779	0.05	ng	# 78
74) Fluoranthene	12.41	202	14752	0.42	ng	# 99
77) Pyrene	12.64	202	15026	0.39	ng	# 97
80) Benzo(a)anthracene	13.81	228	8780	0.31	ng	# 92
82) Chrysene	13.81	228	8780	0.30	ng	# 93
83) Bis(2-ethylhexyl)phthalate	13.83	149	743	0.04	ng	# 36

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Response via : Initial Calibration

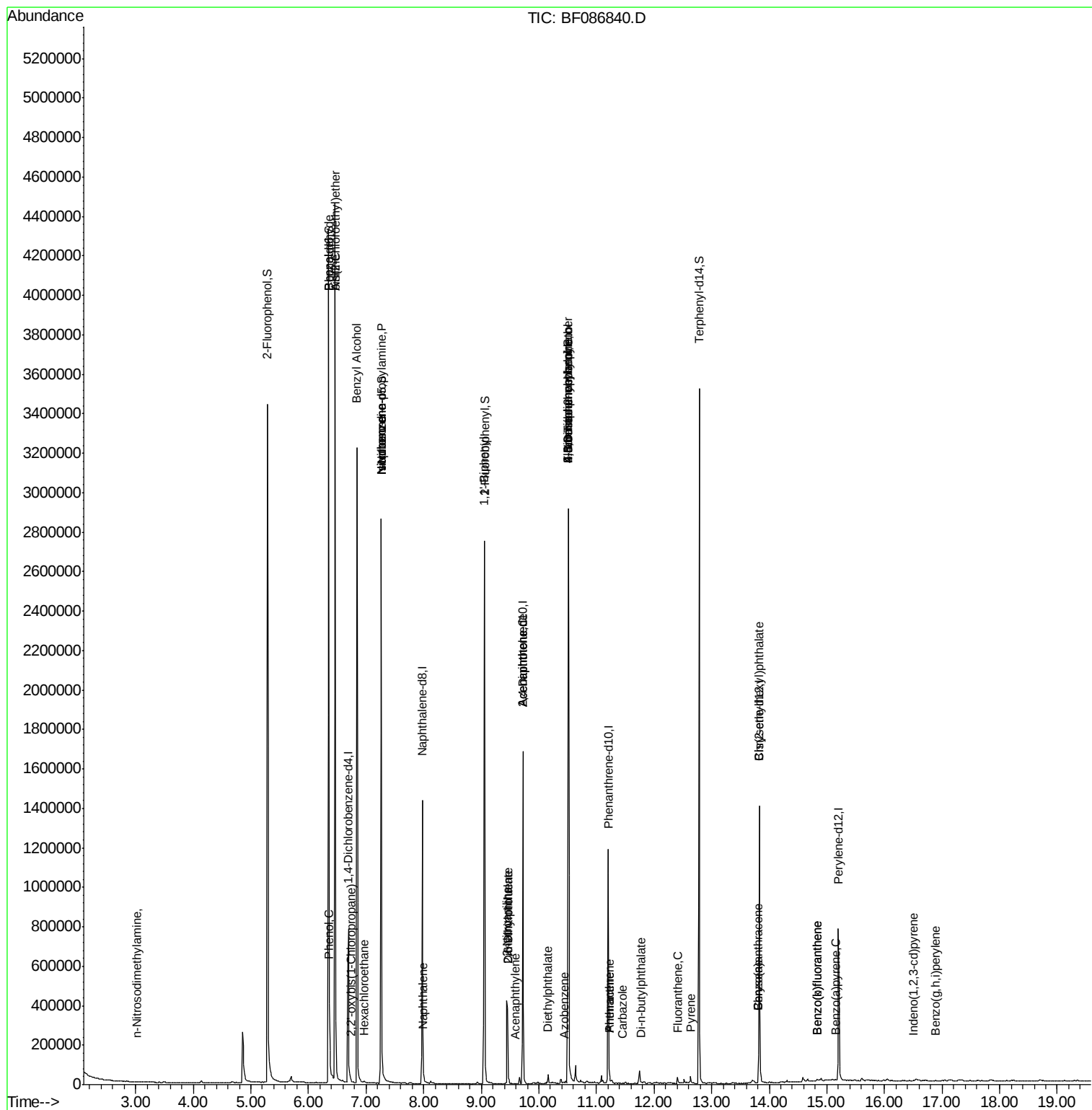
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) Indeno(1,2,3-cd)pyrene	16.50	276	1931	0.08	ng	# 46
87) Benzo(b)fluoranthene	14.83	252	8860	0.36	ng	99
88) Benzo(k)fluoranthene	14.83	252	8860	0.44	ng	# 96
89) Benzo(a)pyrene	15.15	252	4525	0.21	ng	# 88
91) Benzo(g,h,i)perylene	16.89	276	1758	0.10	ng	# 48

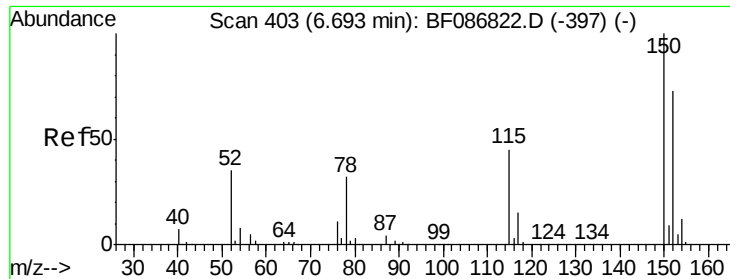
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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Instrument :

BNA_F

ClientSampleId :

TP7-7.5FT

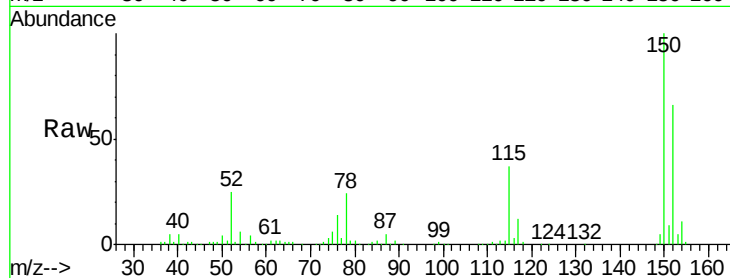
Tgt Ion:152 Resp: 153048

Ion Ratio Lower Upper

152 100

150 152.0 125.8 188.6

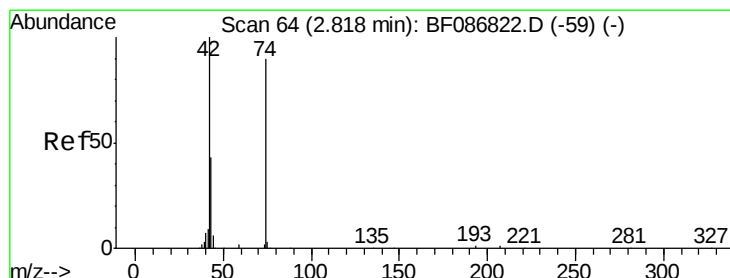
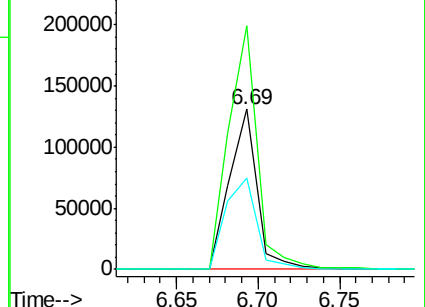
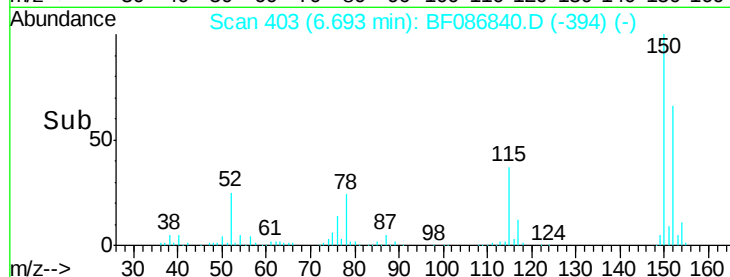
115 56.8 51.5 77.3



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: 0.09 ng

RT: 3.02 min Scan# 82

Delta R.T. 0.21 min

Lab File: BF086840.D

Acq: 10 May 2016 00:28

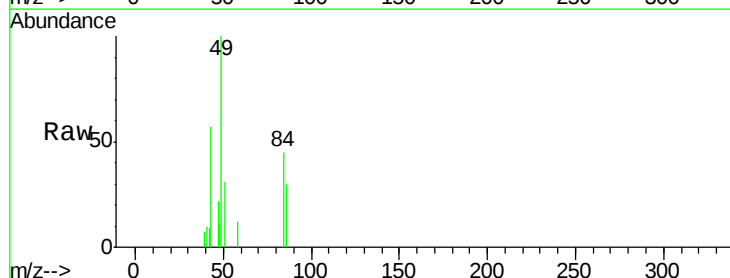
Tgt Ion: 42 Resp: 704

Ion Ratio Lower Upper

42 100

74 0.0 123.4 185.0#

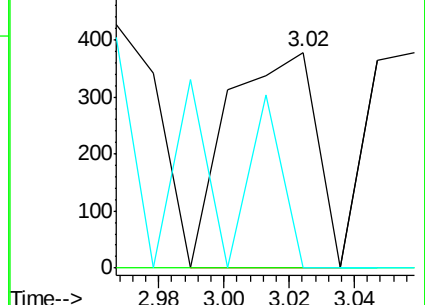
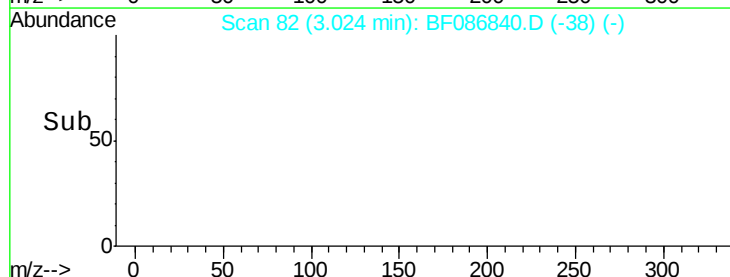
44 0.0 5.8 8.6#

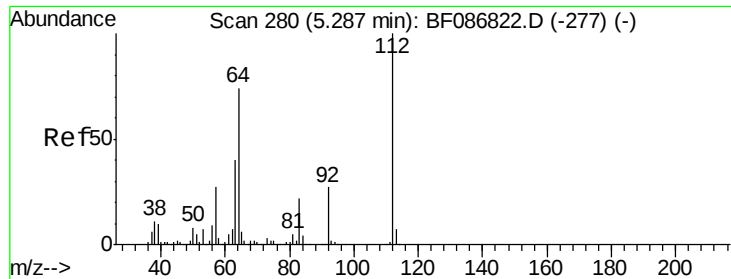


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 112.97 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: BF086840.D

Acq: 10 May 2016 00:28

Instrument :

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ClientSampleId :

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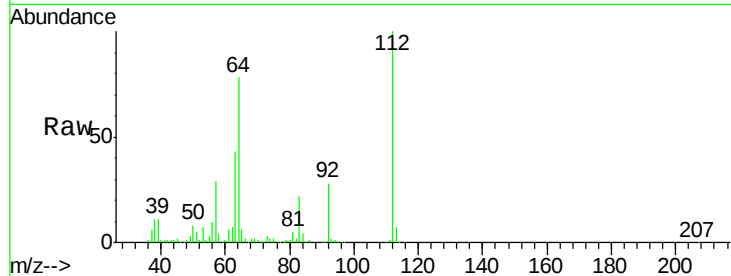
Tgt Ion:112 Resp: 1020977

Ion Ratio Lower Upper

112 100

64 78.4 52.1 78.1#

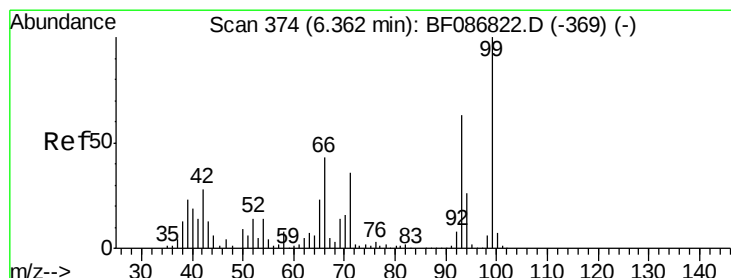
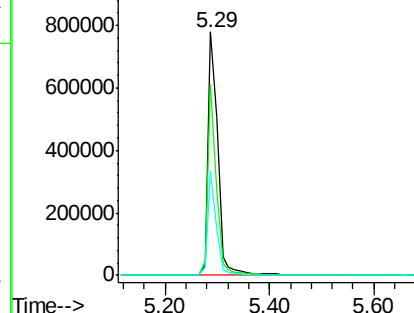
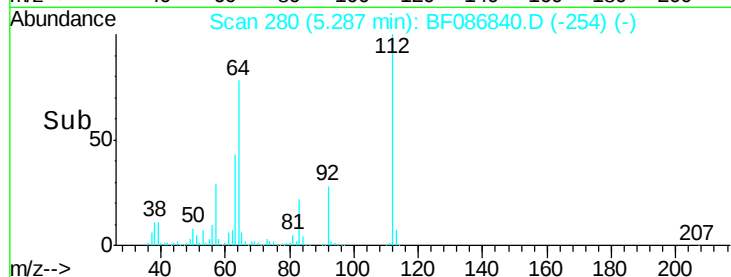
63 42.7 25.7 38.5#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 0.12 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.10 min

Lab File: BF086840.D

Acq: 10 May 2016 00:28

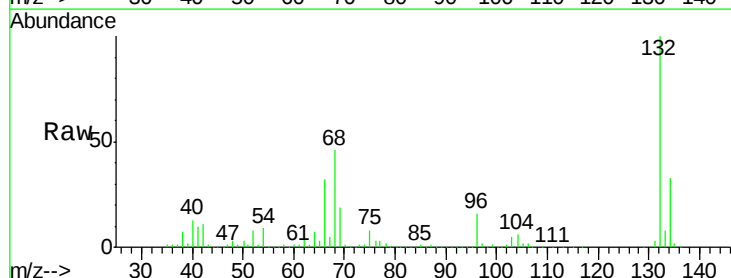
Tgt Ion: 93 Resp: 1693

Ion Ratio Lower Upper

93 100

66 20744.4 39.0 58.6#

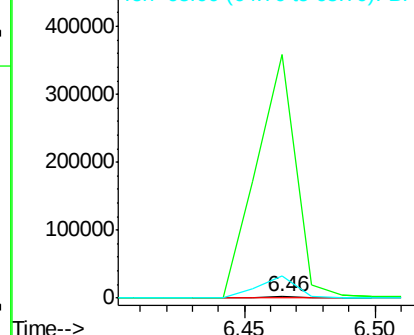
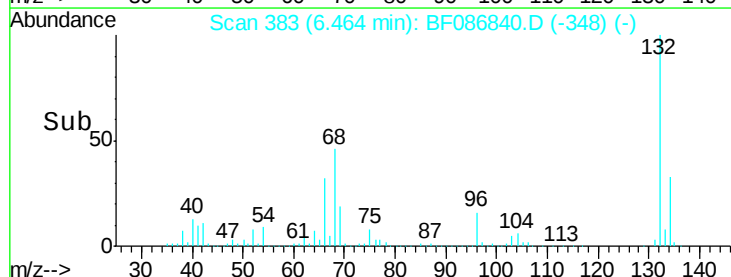
65 1849.1 20.6 31.0#

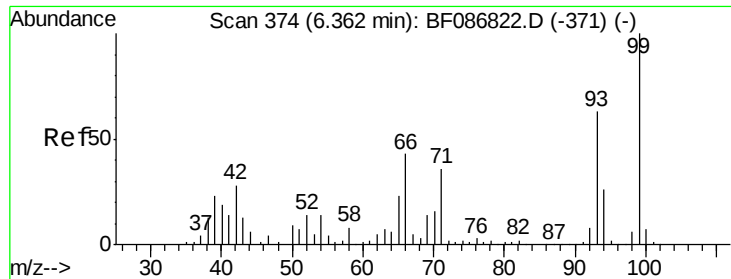


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 118.85 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF086840.D

Acq: 10 May 2016 00:28

Instrument :

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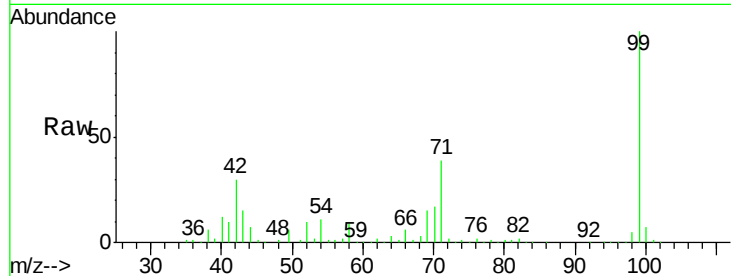
Tgt Ion: 99 Resp: 1435487

Ion Ratio Lower Upper

99 100

42 30.1 13.6 20.4#

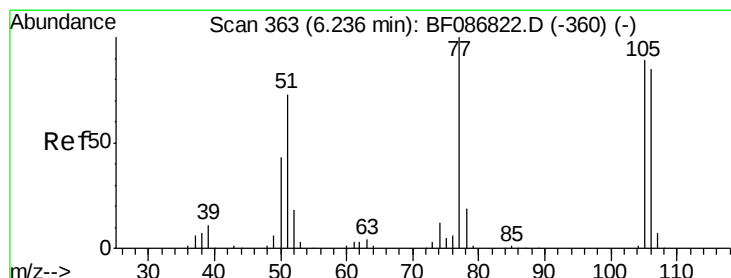
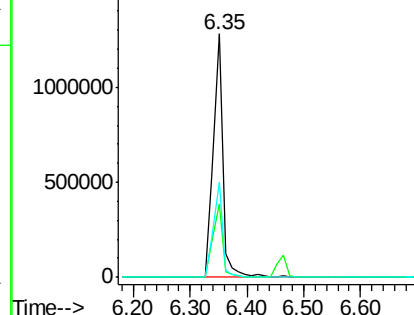
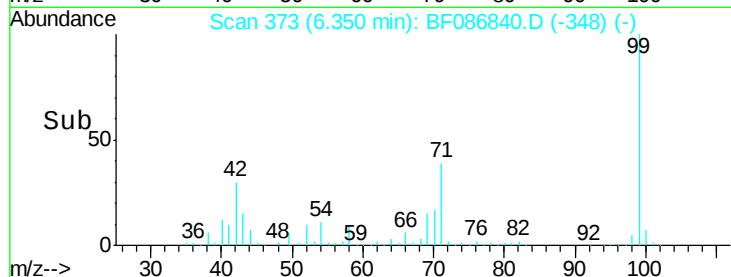
71 39.2 24.6 36.8#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 0.34 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.11 min

Lab File: BF086840.D

Acq: 10 May 2016 00:28

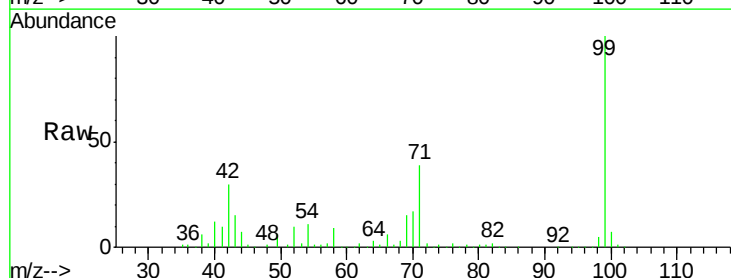
Tgt Ion: 77 Resp: 2375

Ion Ratio Lower Upper

77 100

105 0.0 72.7 112.7#

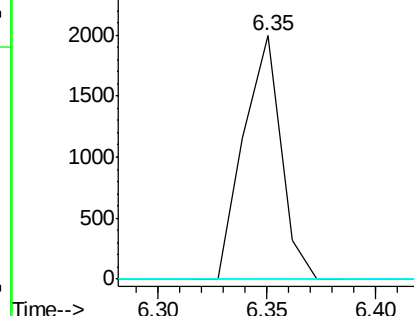
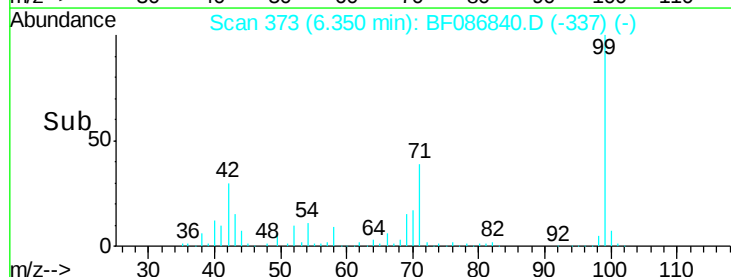
106 0.0 70.8 110.8#

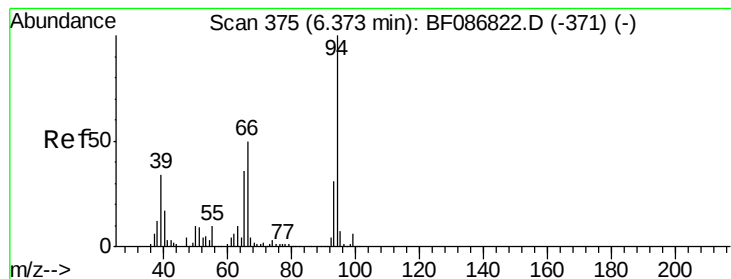


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.66 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF086840.D

Acq: 10 May 2016 00:28

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TP7-7.5FT

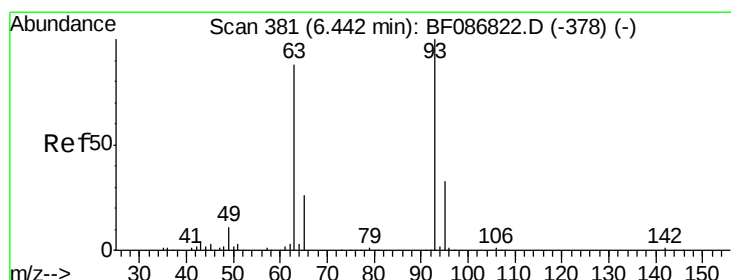
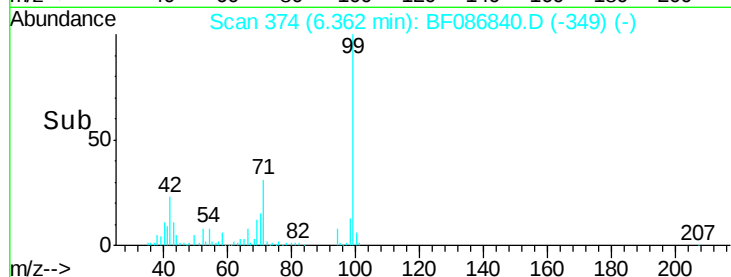
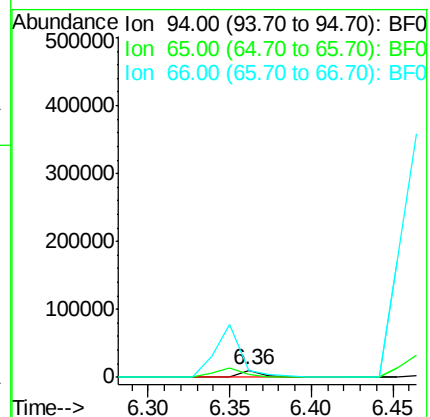
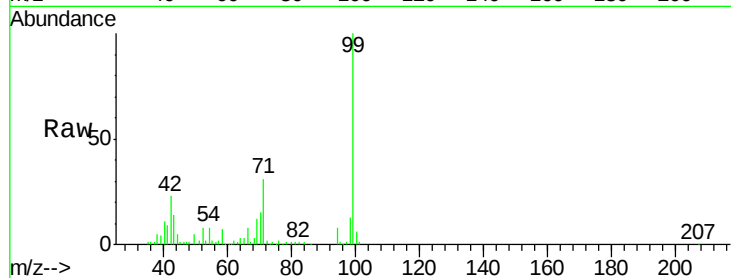
Tgt Ion: 94 Resp: 9541

Ion Ratio Lower Upper

94 100

65 38.9 7.2 47.2

66 97.1 14.9 54.9#



#11

bis(2-Chloroethyl)ether

Concen: 0.15 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.02 min

Lab File: BF086840.D

Acq: 10 May 2016 00:28

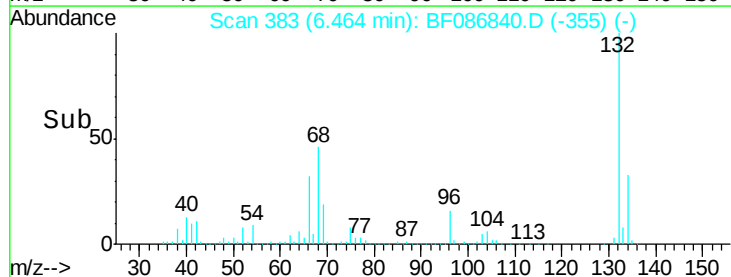
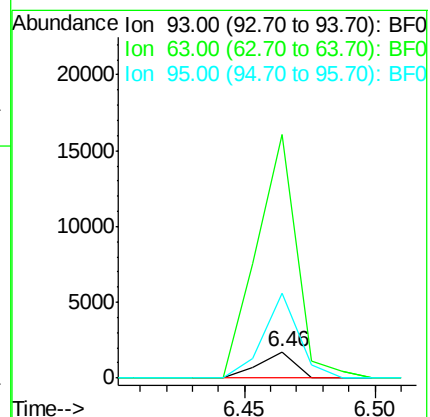
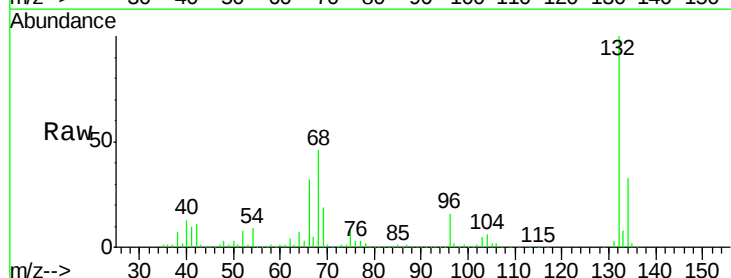
Tgt Ion: 93 Resp: 1693

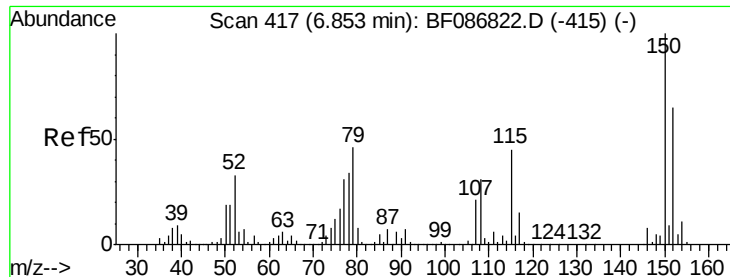
Ion Ratio Lower Upper

93 100

63 929.3 58.0 98.0#

95 322.1 11.9 51.9#

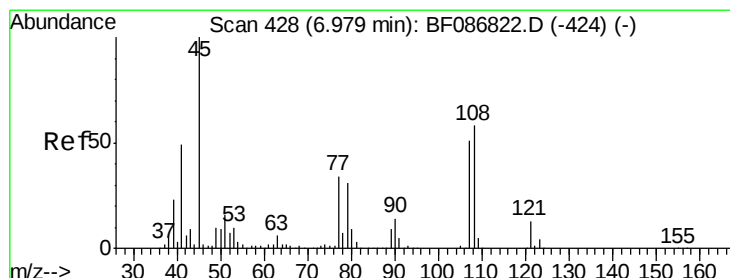
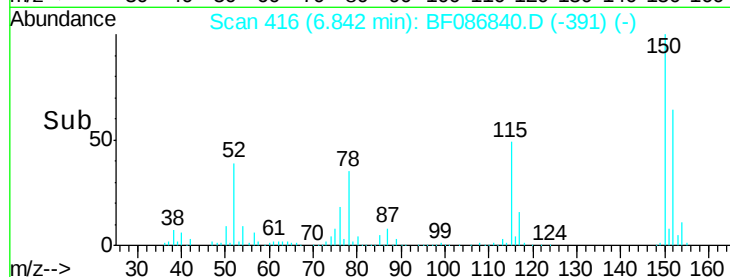
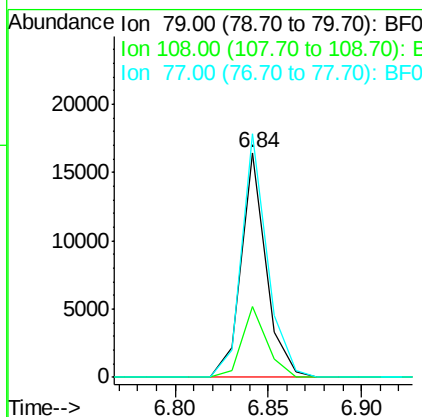
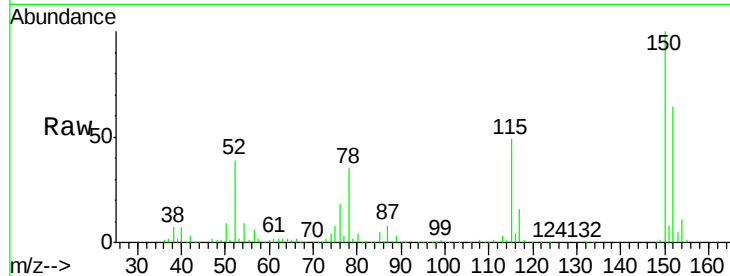




#15
Benzyl Alcohol
Concen: 1.84 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF086840.D
Acq: 10 May 2016 00:28

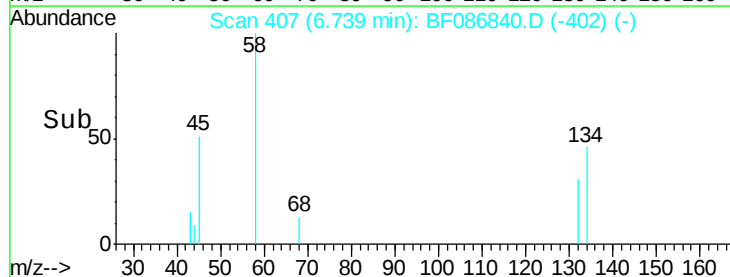
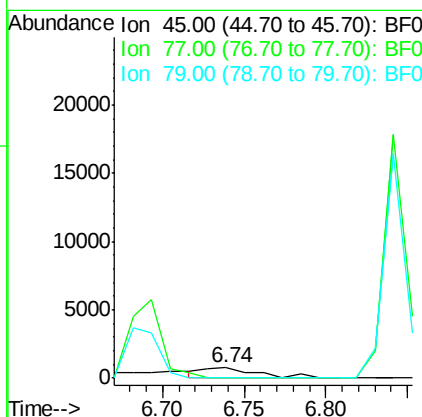
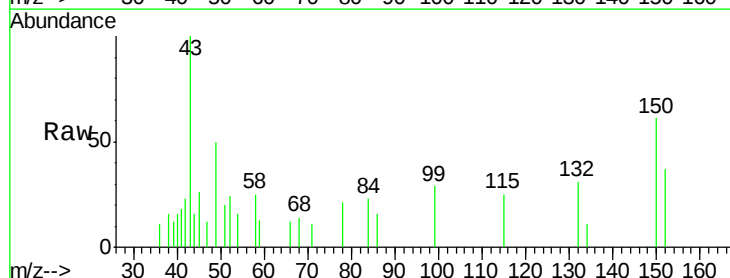
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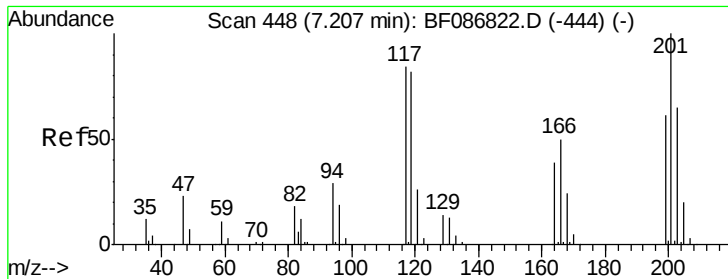
Tgt Ion: 79 Resp: 15315
Ion Ratio Lower Upper
79 100
108 31.6 68.4 102.6#
77 108.2 50.6 76.0#



#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.07 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.24 min
Lab File: BF086840.D
Acq: 10 May 2016 00:28

Tgt Ion: 45 Resp: 1758
Ion Ratio Lower Upper
45 100
77 0.0 0.0 36.4
79 0.0 0.0 33.4

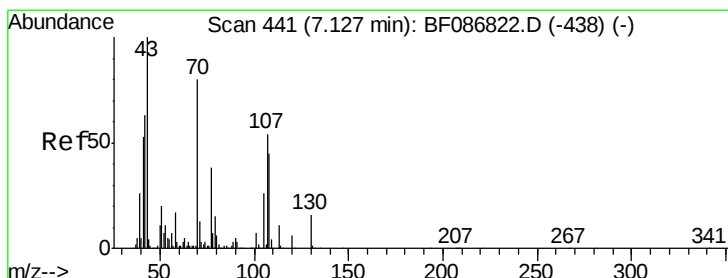
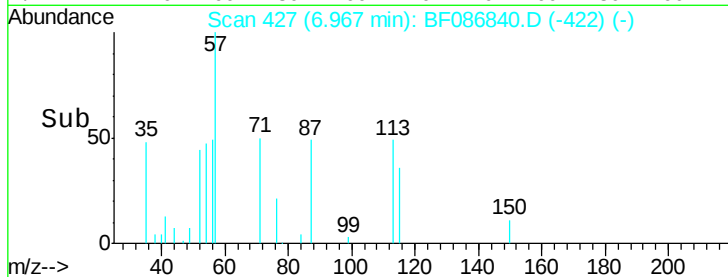
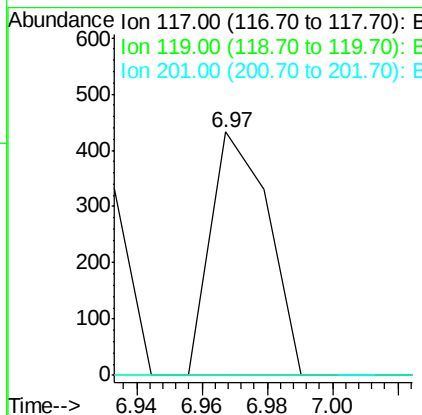
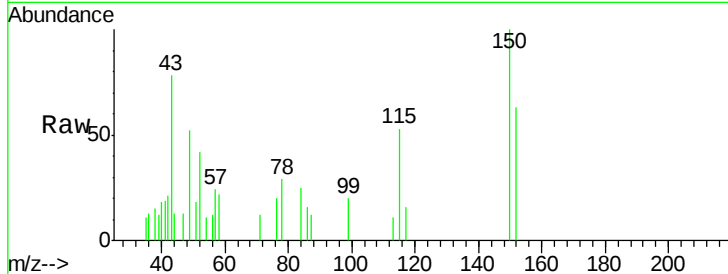




#18
Hexachloroethane
Concen: 0.12 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.24 min
Lab File: BF086840.D
Acq: 10 May 2016 00:28

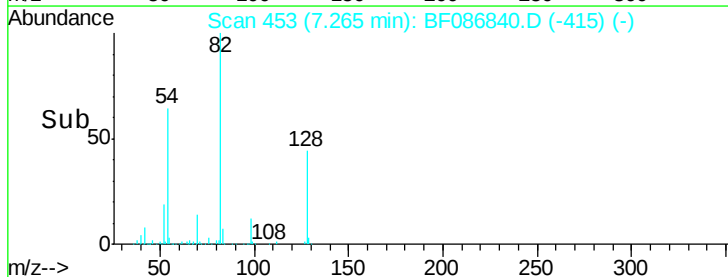
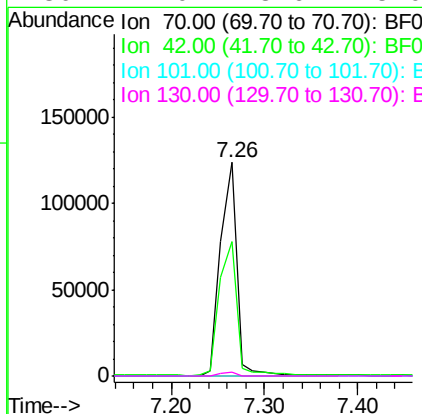
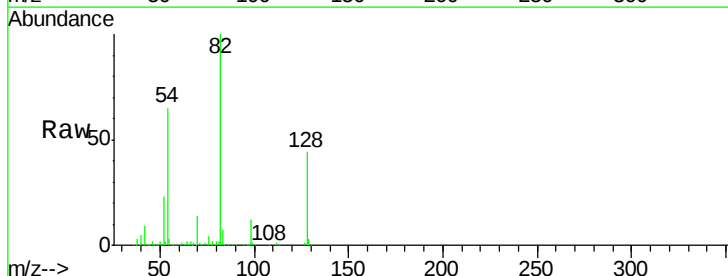
Instrument :
BNA_F
ClientSampleId :
TP7-7.5FT

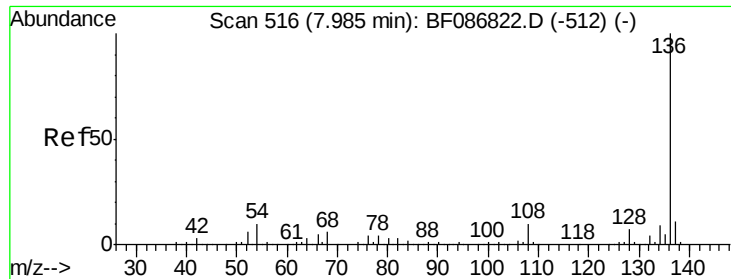
Tgt Ion: 117 Resp: 523
Ion Ratio Lower Upper
117 100
119 0.0 76.5 114.7#
201 0.0 63.0 94.6#



#19
n-Nitroso-di-n-propylamine
Concen: 18.06 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.14 min
Lab File: BF086840.D
Acq: 10 May 2016 00:28

Tgt Ion: 70 Resp: 152458
Ion Ratio Lower Upper
70 100
42 62.7 43.1 64.7
101 0.0 8.1 12.1#
130 2.0 18.6 28.0#

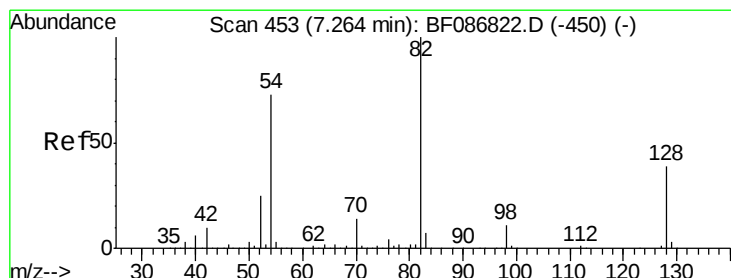
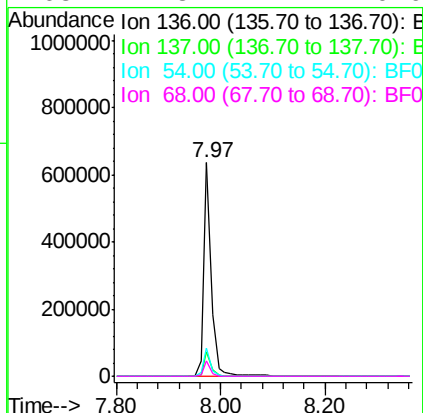
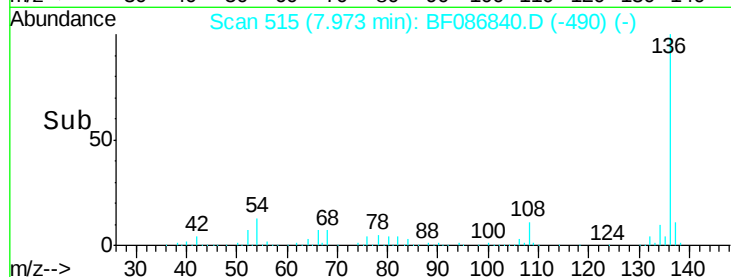
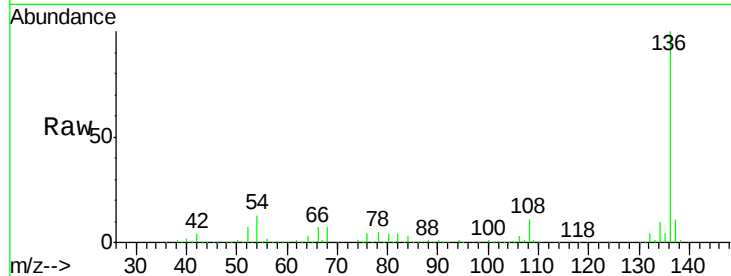




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.01 min
Lab File: BF086840.D
Acq: 10 May 2016 00:28

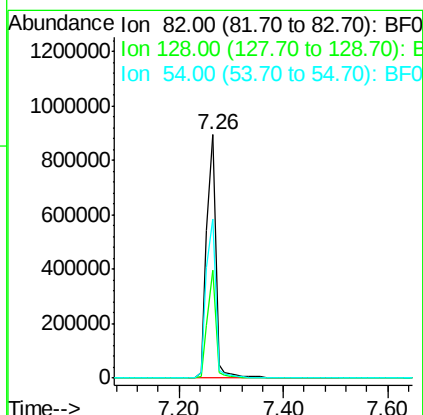
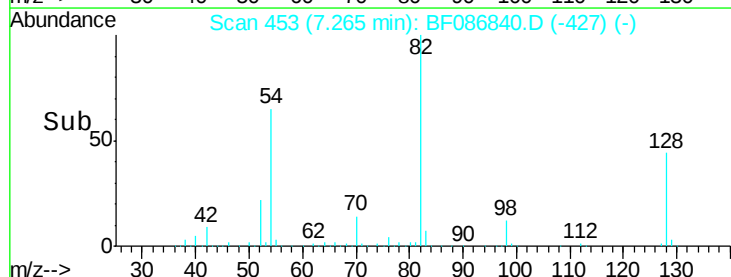
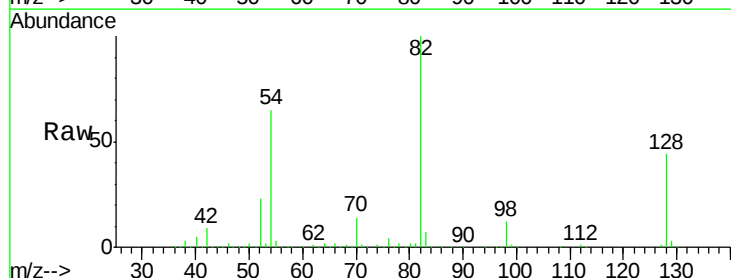
Instrument :
BNA_F
ClientSampleId :
TP7-7.5FT

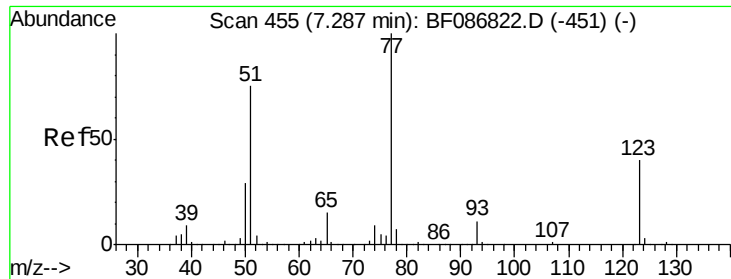
Tgt Ion:	136	Resp:	642709
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	13.3	5.0	7.4#
68	7.3	4.4	6.6#



#23
Nitrobenzene-d5
Concen: 85.86 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF086840.D
Acq: 10 May 2016 00:28

Tgt Ion:	82	Resp:	1098981
Ion	Ratio	Lower	Upper
82	100		
128	44.2	40.6	61.0
54	65.4	38.1	57.1#





#24

Nitrobenzene

Concen: 0.24 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.02 min

Lab File: BF086840.D

Acq: 10 May 2016 00:28

Instrument :

BNA_F

ClientSampleId :

TP7-7.5FT

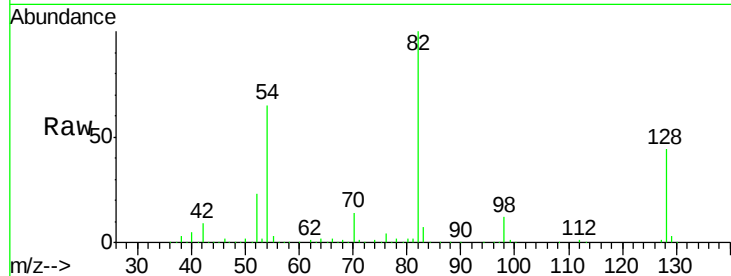
Tgt Ion: 77 Resp: 3191

Ion Ratio Lower Upper

77 100

123 0.0 33.0 49.4#

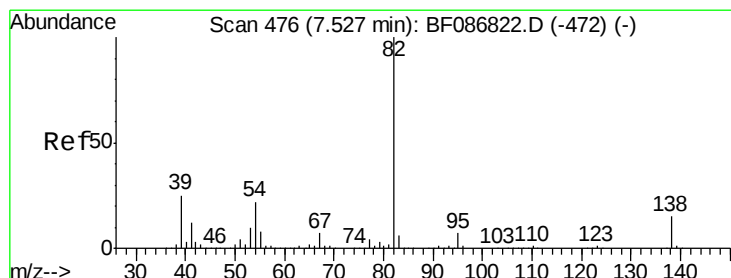
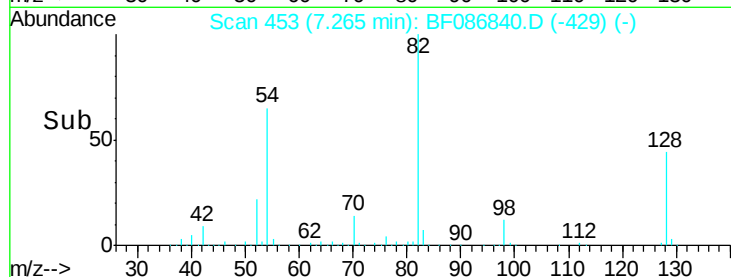
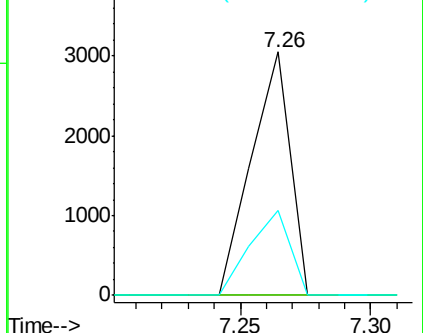
65 35.0 10.8 16.2#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 45.08 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.26 min

Lab File: BF086840.D

Acq: 10 May 2016 00:28

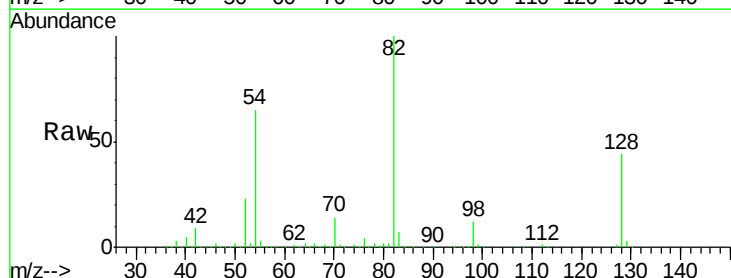
Tgt Ion: 82 Resp: 1070537

Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

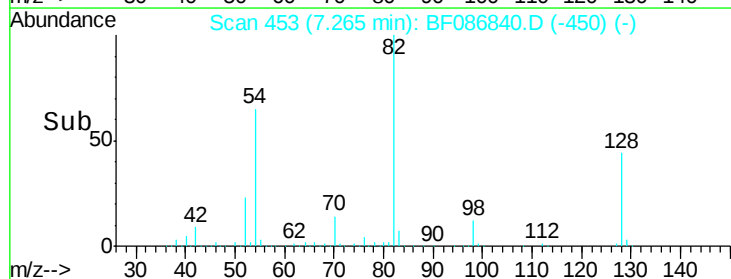
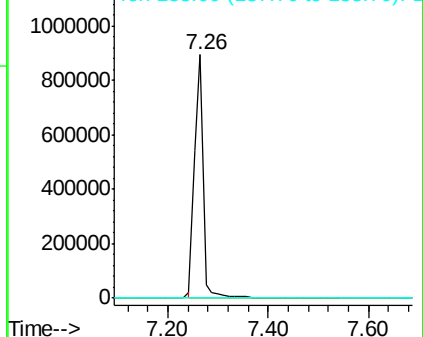
138 0.0 12.4 18.6#

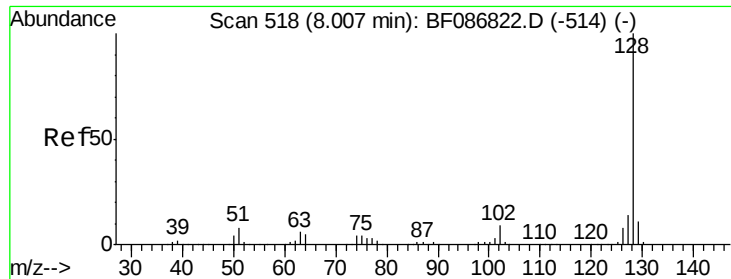


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

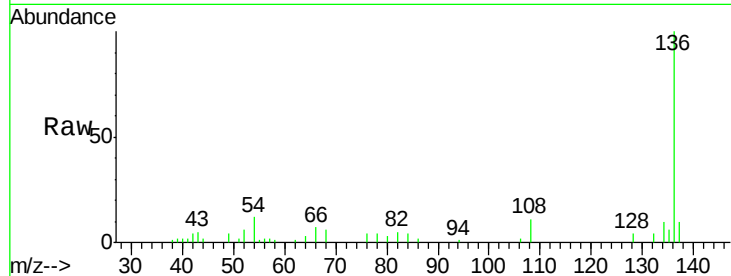




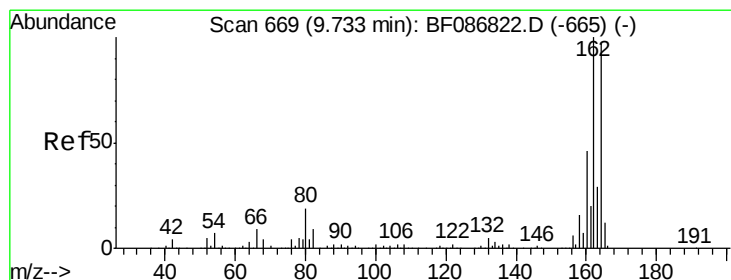
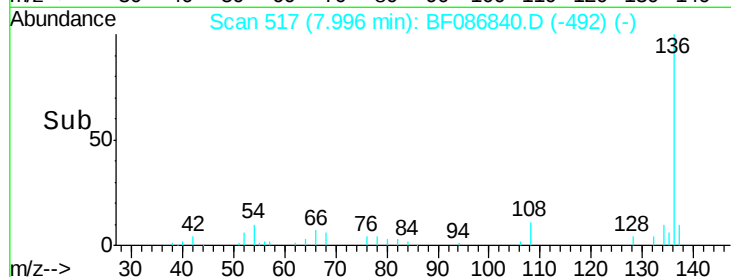
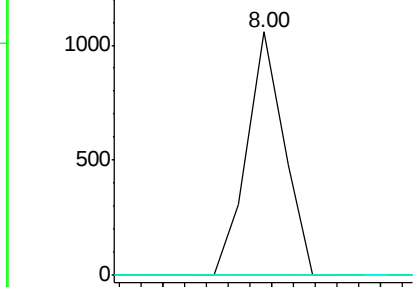
#31
Naphthalene
Concen: 0.04 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF086840.D
Acq: 10 May 2016 00:28

Instrument :
BNA_F
ClientSampleId :
TP7-7.5FT

Tgt Ion:128 Resp: 1267
Ion Ratio Lower Upper
128 100
129 0.0 8.6 13.0#
127 0.0 10.8 16.2#

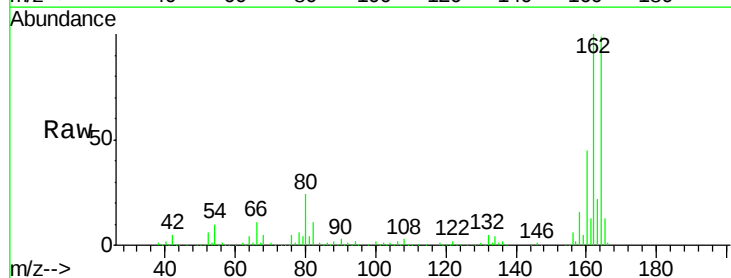


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

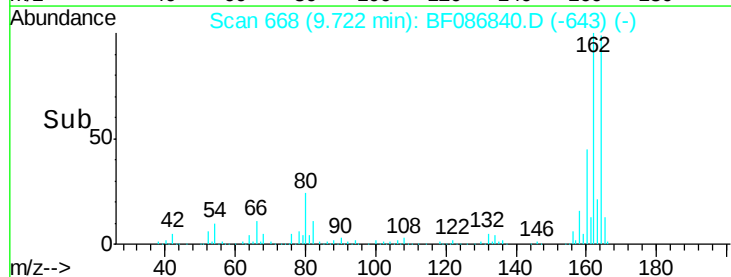
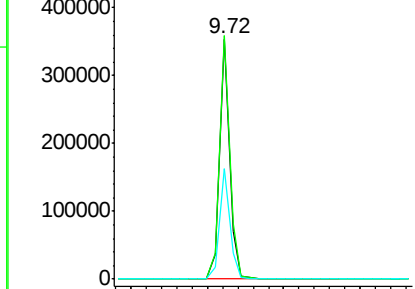


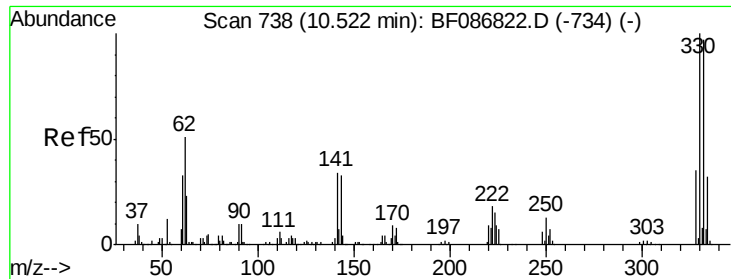
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF086840.D
Acq: 10 May 2016 00:28

Tgt Ion:164 Resp: 325231
Ion Ratio Lower Upper
164 100
162 101.4 82.8 124.2
160 45.8 36.9 55.3



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

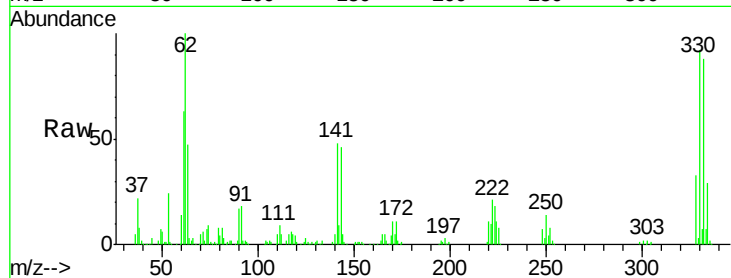




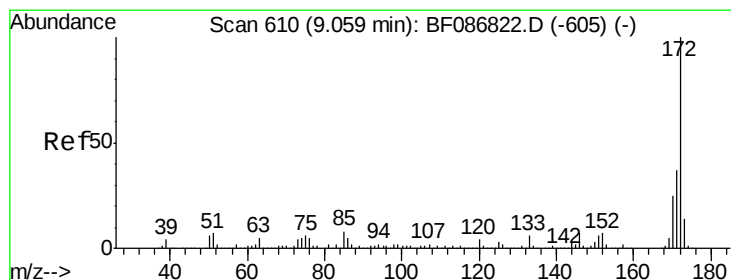
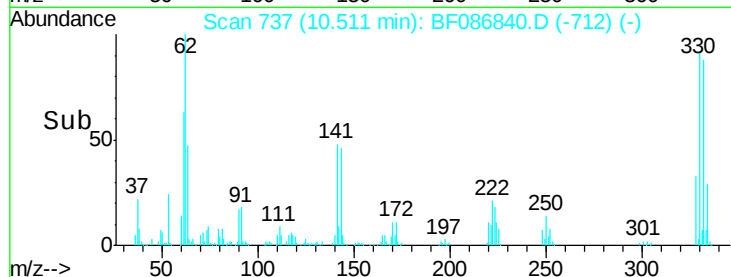
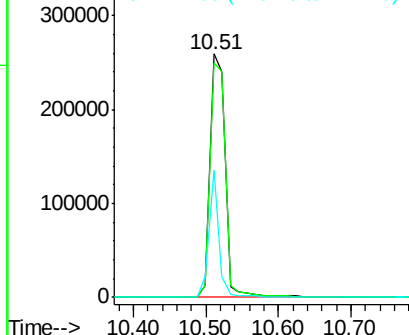
#41
 2,4,6-Tribromophenol
 Concen: 109.28 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BF086840.D
 Acq: 10 May 2016 00:28

Instrument :
 BNA_F
 ClientSampleId :
 TP7-7.5FT

Tgt Ion:330 Resp: 376259
 Ion Ratio Lower Upper
 330 100
 332 98.7 79.0 118.4
 141 34.8 31.2 46.8

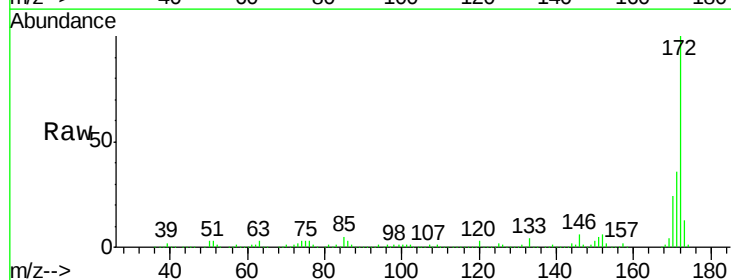


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

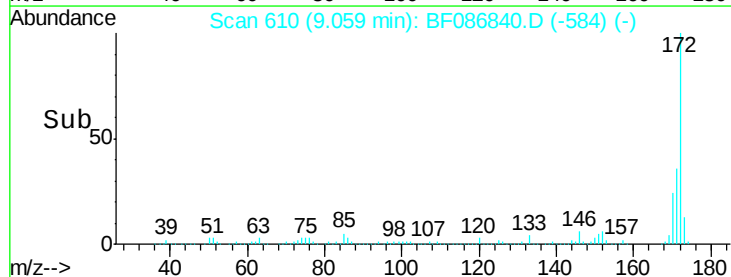
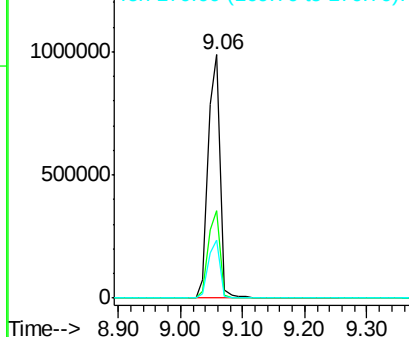


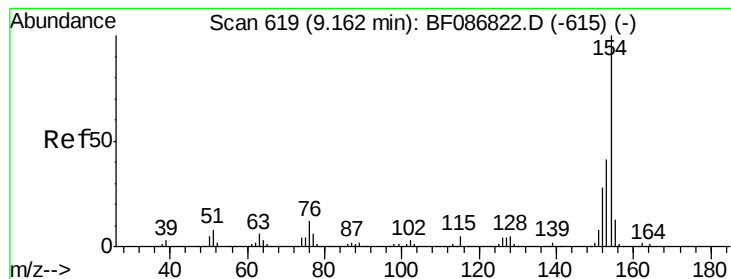
#44
 2-Fluorobiphenyl
 Concen: 68.60 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF086840.D
 Acq: 10 May 2016 00:28

Tgt Ion:172 Resp: 1327480
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.0 43.6
 170 24.1 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: 0.10 ng

RT: 9.05 min Scan# 609

Delta R.T. -0.11 min

Lab File: BF086840.D

Acq: 10 May 2016 00:28

Instrument :

BNA_F

ClientSampled :

TP7-7.5FT

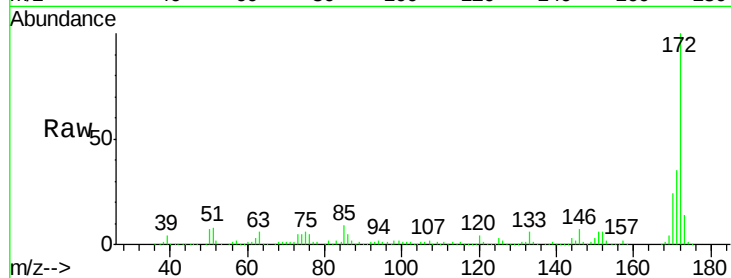
Tgt Ion:154 Resp: 2710

Ion Ratio Lower Upper

154 100

153 780.1 20.3 60.3#

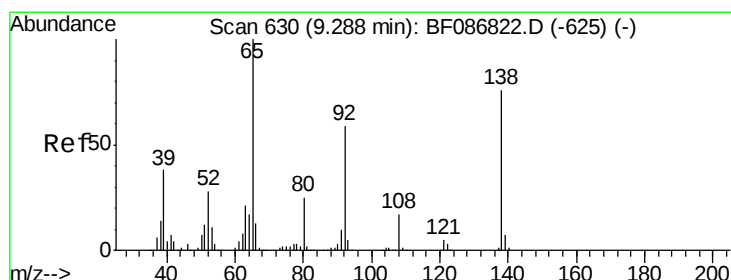
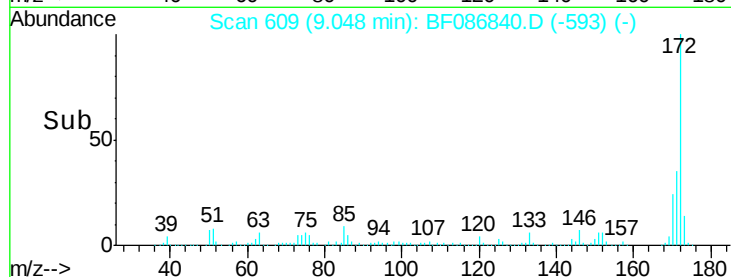
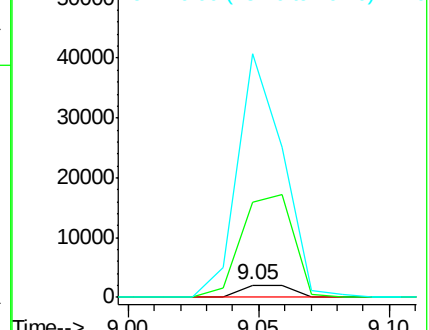
76 2003.9 0.0 30.2#



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): BF0



#47

2-Nitroaniline

Concen: 0.39 ng

RT: 9.45 min Scan# 644

Delta R.T. 0.16 min

Lab File: BF086840.D

Acq: 10 May 2016 00:28

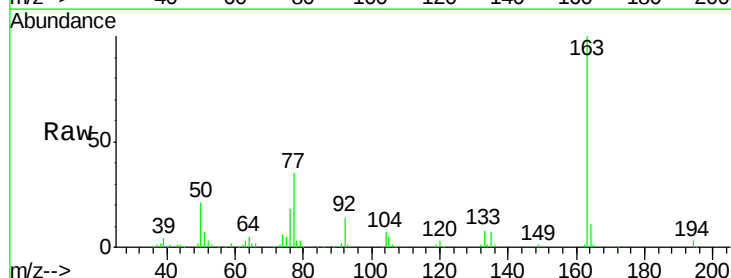
Tgt Ion: 65 Resp: 2889

Ion Ratio Lower Upper

65 100

92 734.2 57.4 86.2#

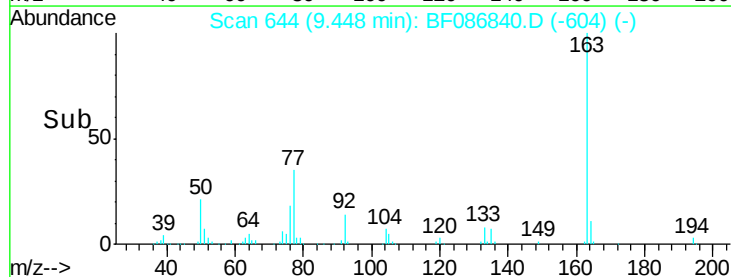
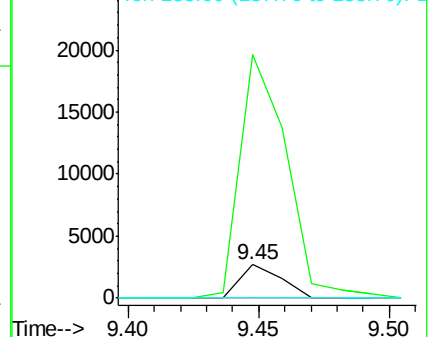
138 0.0 90.1 135.1#

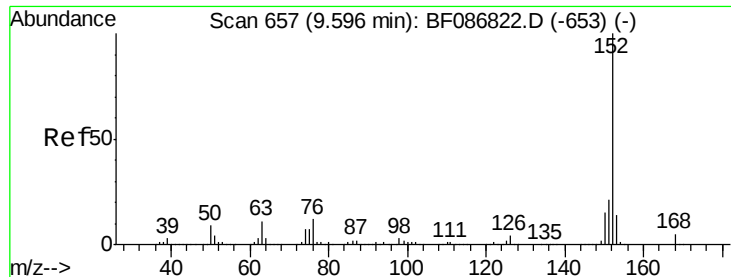


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 0.02 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.01 min

Lab File: BF086840.D

Acq: 10 May 2016 00:28

Instrument :

BNA_F

ClientSampleId :

TP7-7.5FT

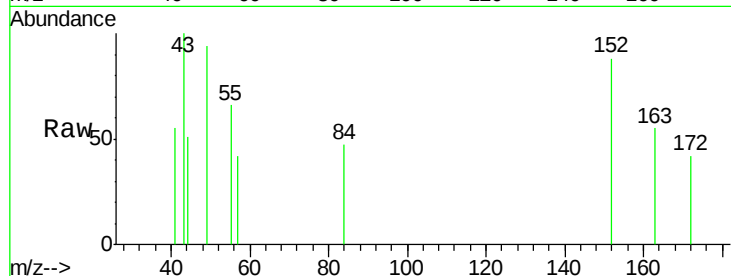
Tgt Ion:152 Resp: 692

Ion Ratio Lower Upper

152 100

151 0.0 16.8 25.2#

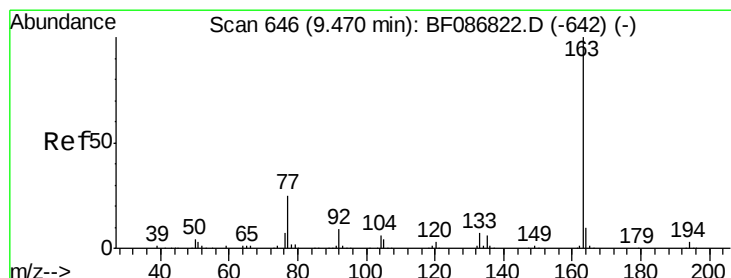
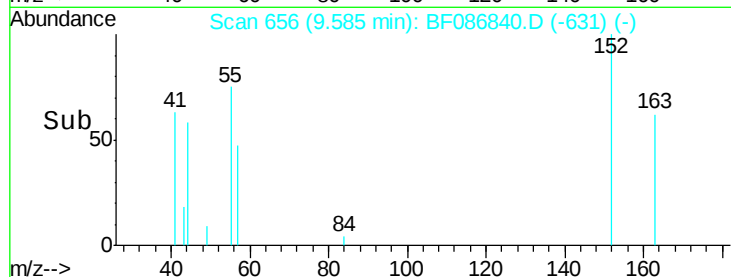
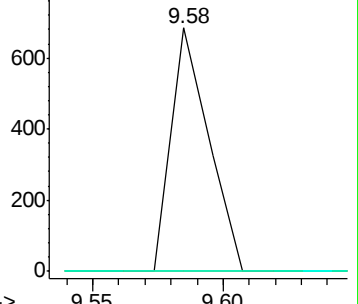
153 0.0 10.9 16.3#



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: 10.15 ng

RT: 9.46 min Scan# 645

Delta R.T. -0.01 min

Lab File: BF086840.D

Acq: 10 May 2016 00:28

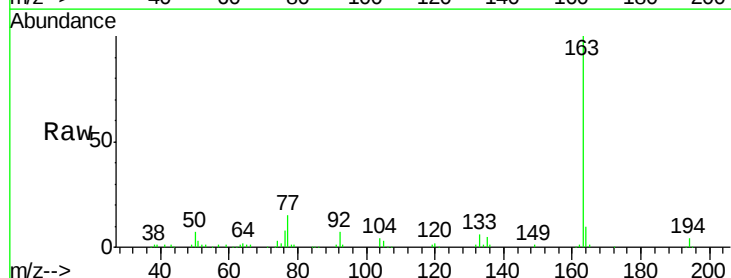
Tgt Ion:163 Resp: 251806

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

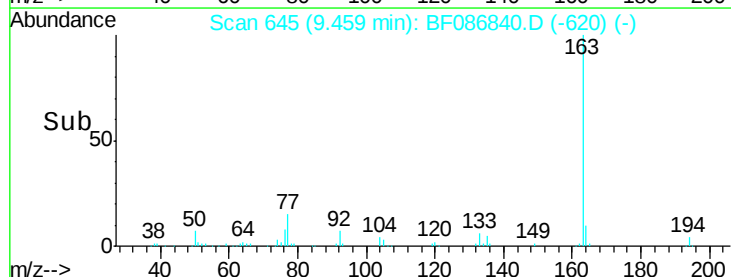
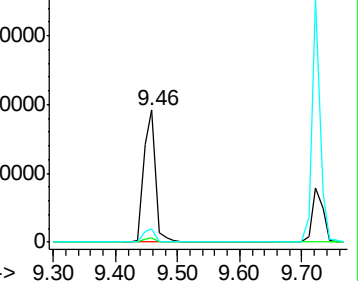
164 9.8 8.2 12.4

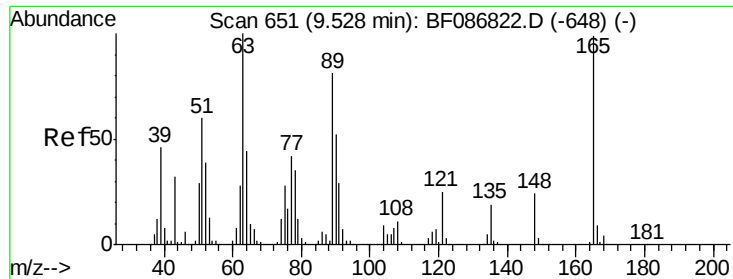


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

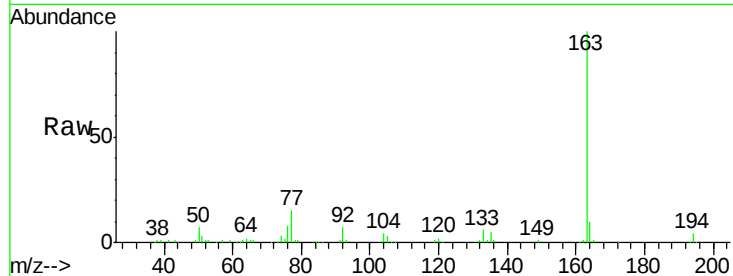




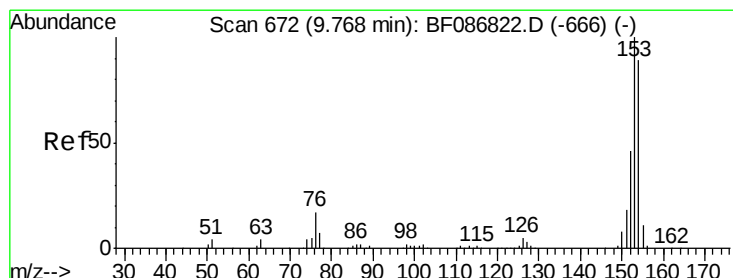
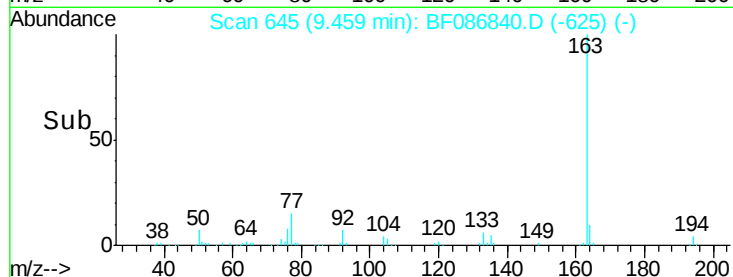
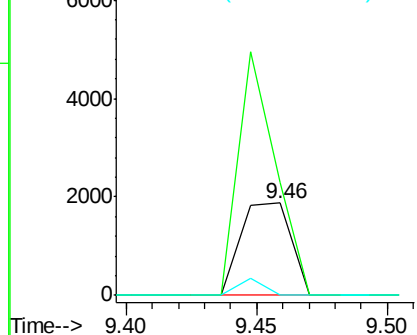
#50
 2,6-Dinitrotoluene
 Concen: 0.49 ng
 RT: 9.46 min Scan# 645
 Delta R.T. -0.07 min
 Lab File: BF086840.D
 Acq: 10 May 2016 00:28

Instrument :
 BNA_F
 ClientSampleId :
 TP7-7.5FT

Tgt Ion:165 Resp: 2538
 Ion Ratio Lower Upper
 165 100
 63 122.4 51.8 77.8#
 89 0.0 50.7 76.1#

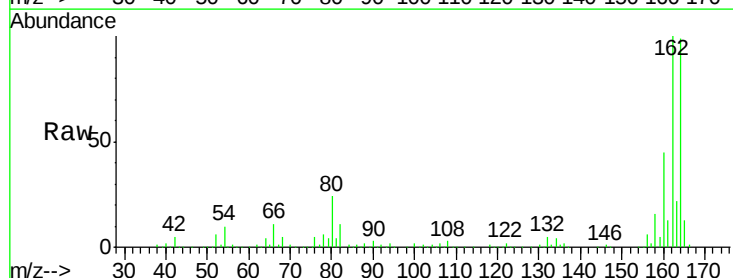


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

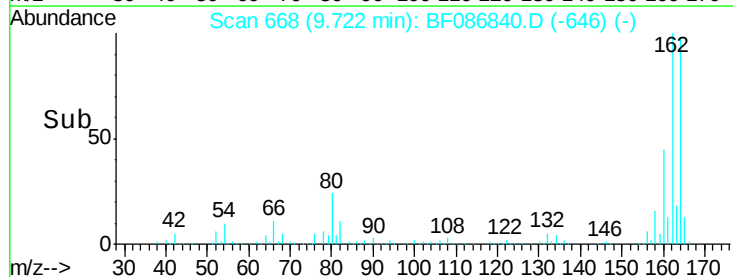
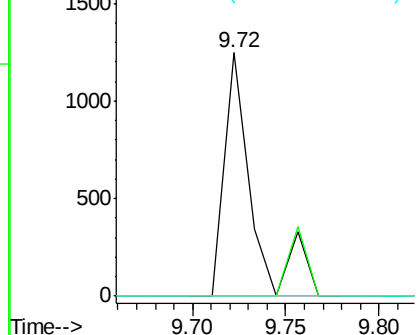


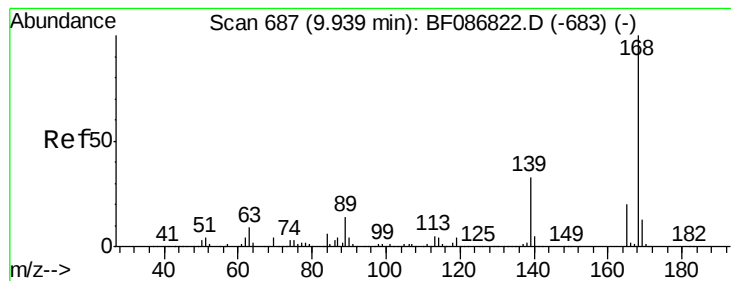
#51
 Acenaphthene
 Concen: 0.07 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.05 min
 Lab File: BF086840.D
 Acq: 10 May 2016 00:28

Tgt Ion:154 Resp: 1320
 Ion Ratio Lower Upper
 154 100
 153 0.0 89.8 134.6#
 152 0.0 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

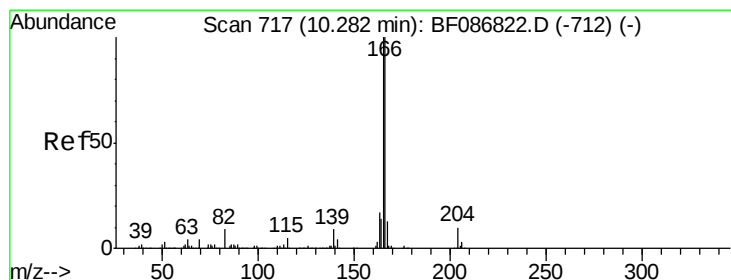
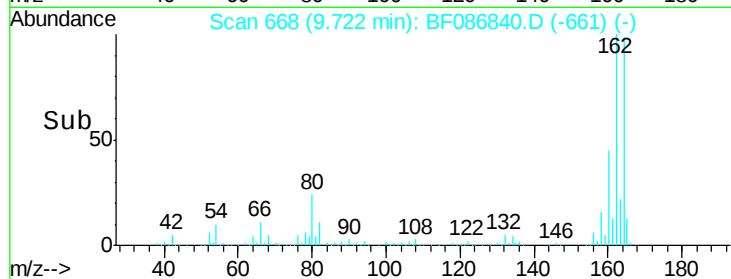
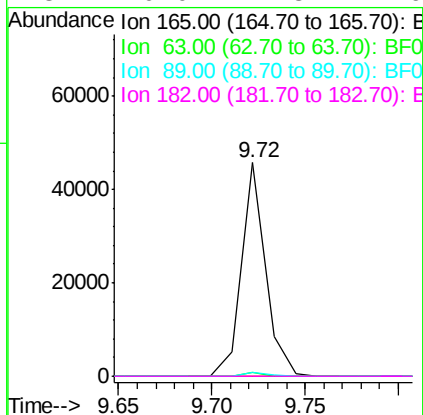
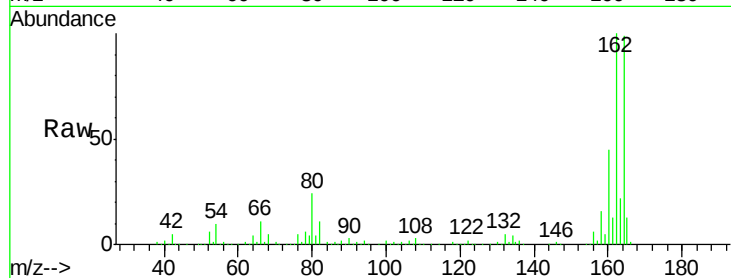




#56
2,4-Dinitrotoluene
Concen: 6.36 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.22 min
Lab File: BF086840.D
Acq: 10 May 2016 00:28

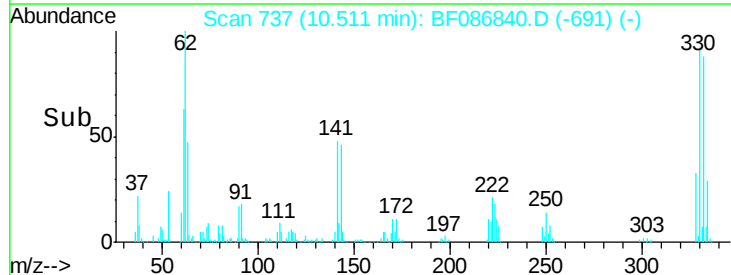
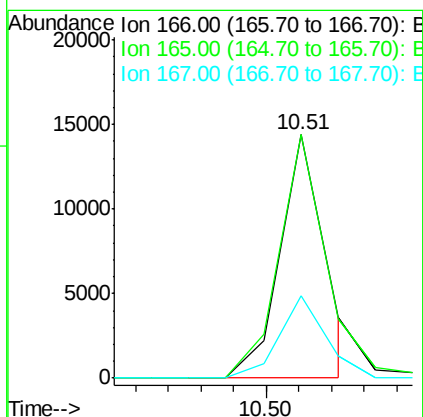
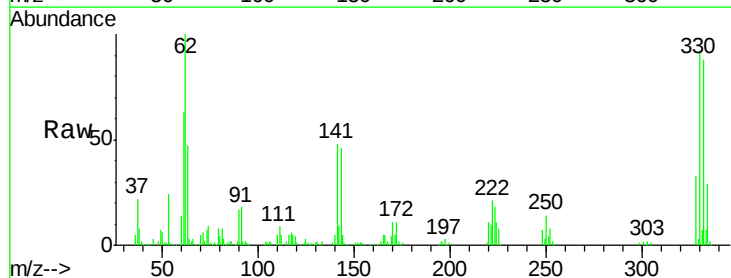
Instrument :
BNA_F
ClientSampleId :
TP7-7.5FT

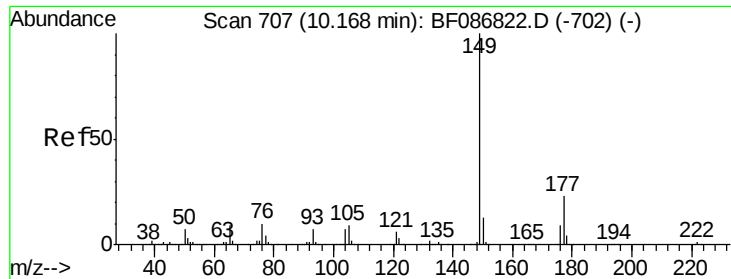
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	44.3	66.5#
89	1.7	70.0	105.0#
182	0.0	1.8	2.6#



#57
Fluorene
Concen: 0.68 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.23 min
Lab File: BF086840.D
Acq: 10 May 2016 00:28

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.0	79.0	118.6
167	33.8	10.6	15.8#

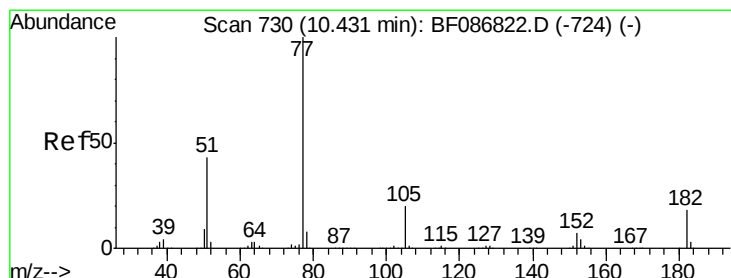
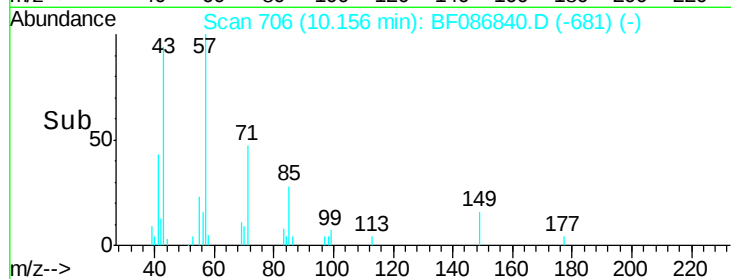
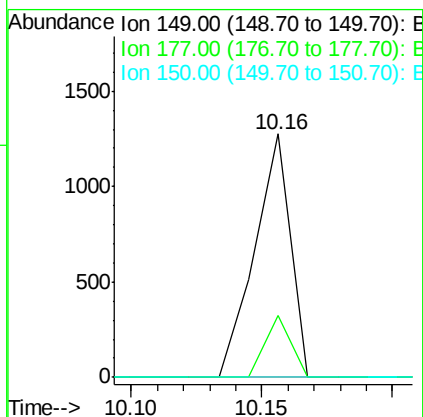
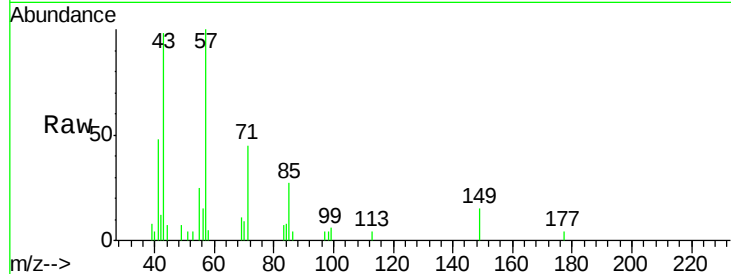




#59
Diethylphthalate
Concen: 0.05 ng
RT: 10.16 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF086840.D
Acq: 10 May 2016 00:28

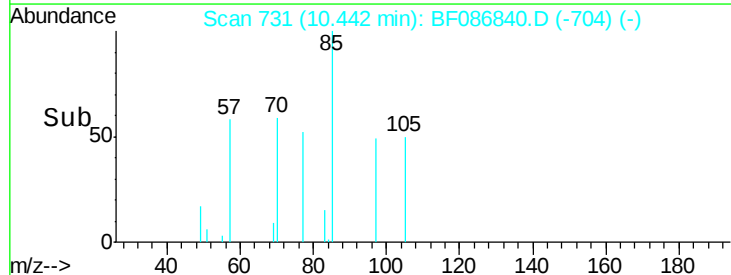
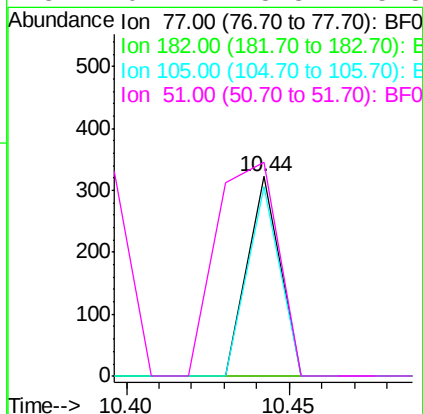
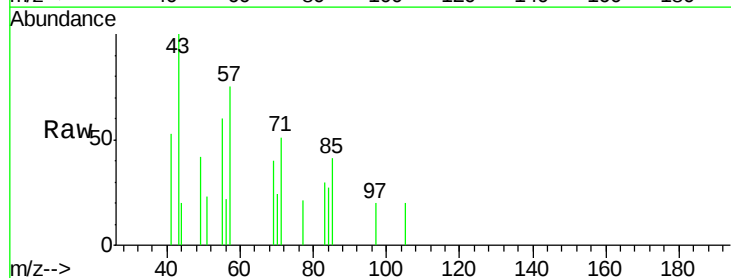
Instrument :
BNA_F
ClientSampleId :
TP7-7.5FT

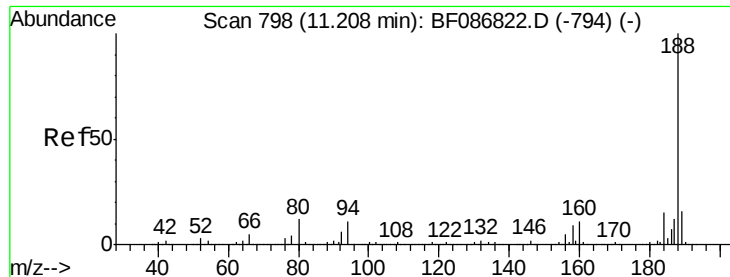
Tgt Ion: 149 Resp: 1228
Ion Ratio Lower Upper
149 100
177 25.2 16.6 24.8#
150 0.0 10.0 15.0#



#62
Azobenzene
Concen: 0.01 ng
RT: 10.44 min Scan# 731
Delta R.T. 0.01 min
Lab File: BF086840.D
Acq: 10 May 2016 00:28

Tgt Ion: 77 Resp: 221
Ion Ratio Lower Upper
77 100
182 0.0 0.0 38.8
105 95.0 3.2 43.2#
51 107.1 8.8 48.8#

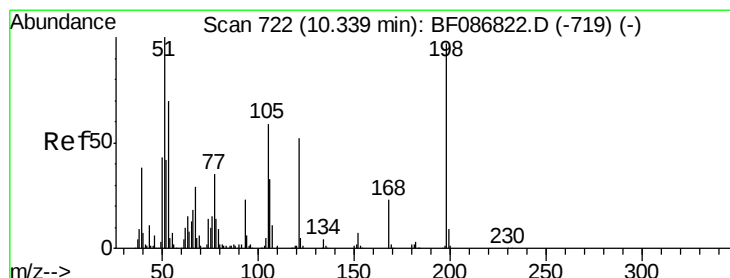
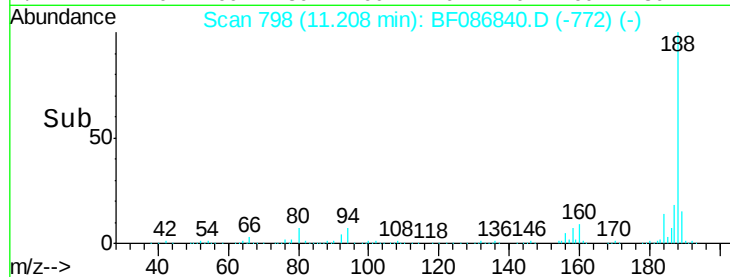
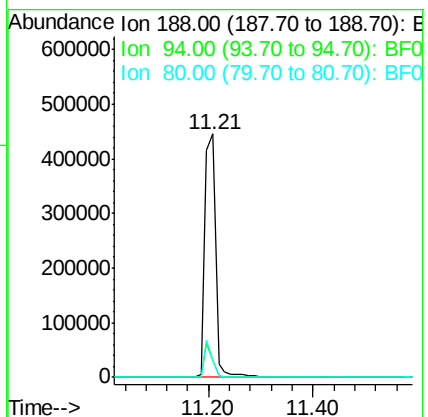
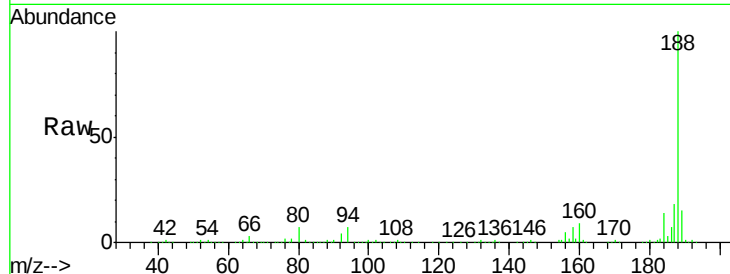




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF086840.D
 Acq: 10 May 2016 00:28

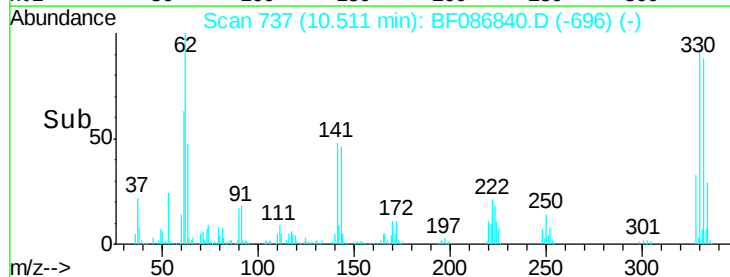
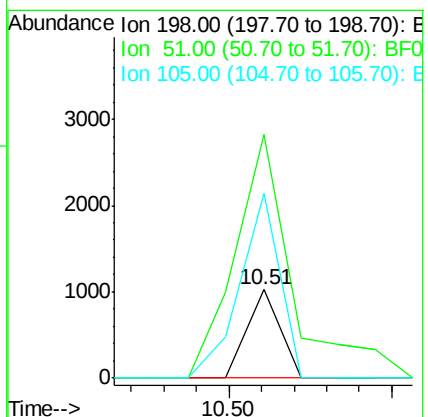
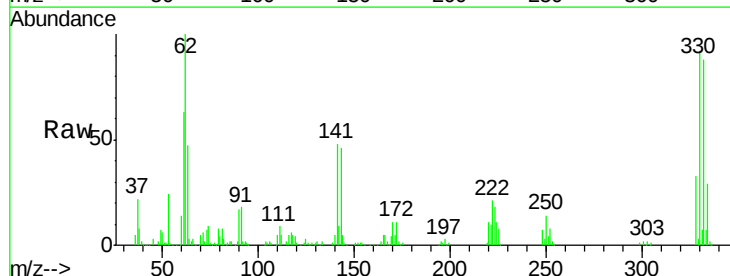
Instrument :
 BNA_F
 ClientSampleId :
 TP7-7.5FT

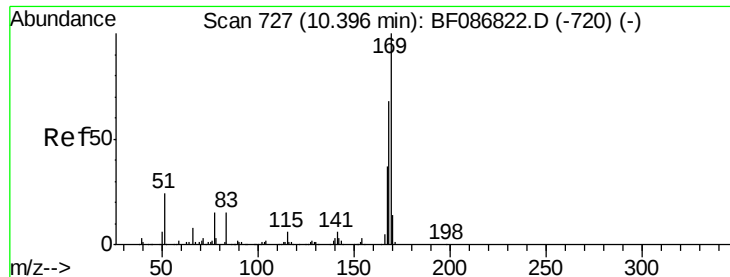
Tgt Ion:188 Resp: 638039
 Ion Ratio Lower Upper
 188 100
 94 6.8 6.8 10.2#
 80 7.0 7.1 10.7#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 0.18 ng
 RT: 10.51 min Scan# 737
 Delta R.T. 0.17 min
 Lab File: BF086840.D
 Acq: 10 May 2016 00:28

Tgt Ion:198 Resp: 703
 Ion Ratio Lower Upper
 198 100
 51 275.3 20.5 60.5#
 105 209.3 24.5 64.5#

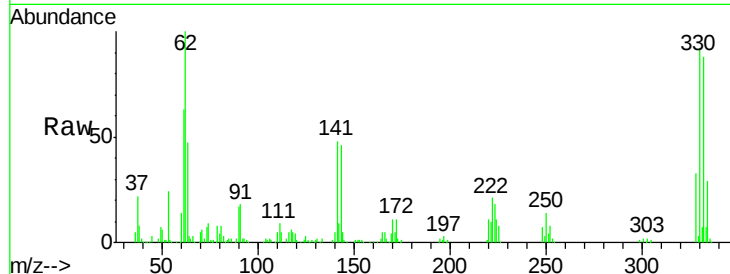




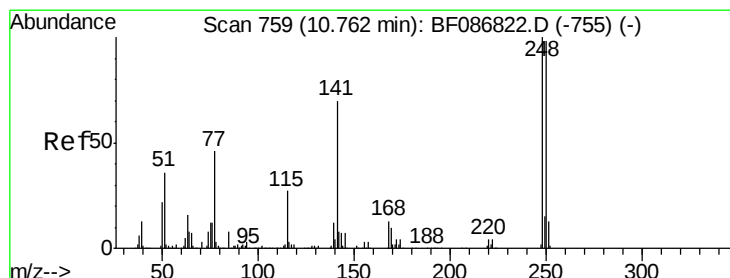
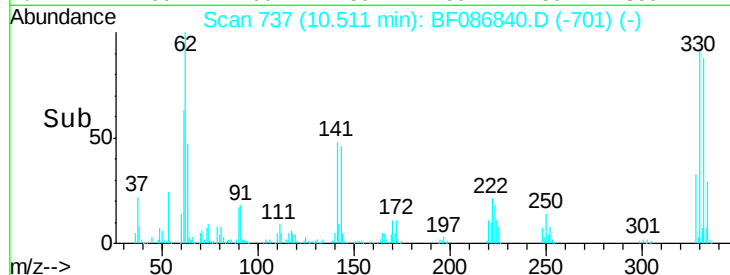
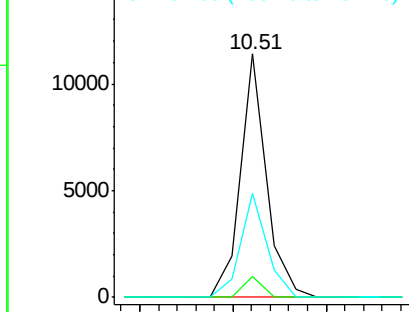
#65
 n-Nitrosodiphenylamine
 Concen: 0.56 ng
 RT: 10.51 min Scan# 737
 Delta R.T. 0.11 min
 Lab File: BF086840.D
 Acq: 10 May 2016 00:28

Instrument :
 BNA_F
 ClientSampleId :
 TP7-7.5FT

Tgt Ion:169 Resp: 11064
 Ion Ratio Lower Upper
 169 100
 168 8.8 53.8 80.6#
 167 42.7 29.5 44.3

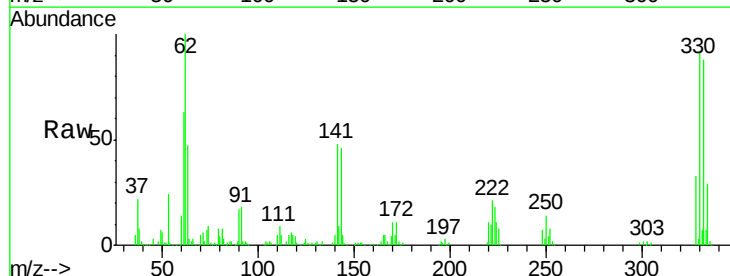


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

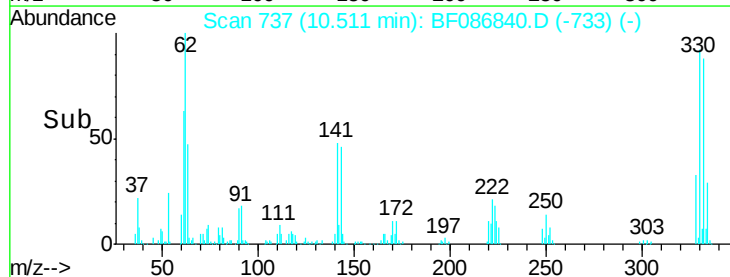
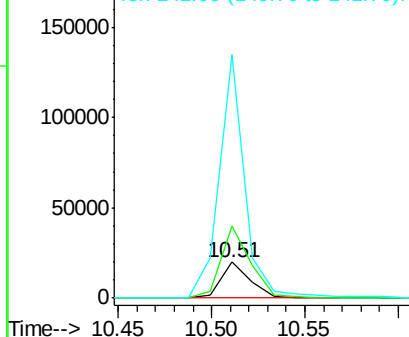


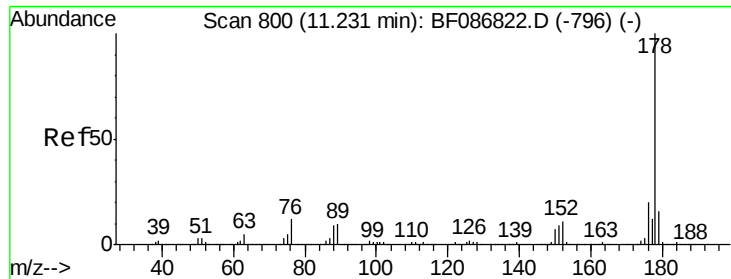
#66
 4-Bromophenyl-phenylether
 Concen: 3.31 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.25 min
 Lab File: BF086840.D
 Acq: 10 May 2016 00:28

Tgt Ion:248 Resp: 21424
 Ion Ratio Lower Upper
 248 100
 250 203.0 78.6 117.8#
 141 680.5 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

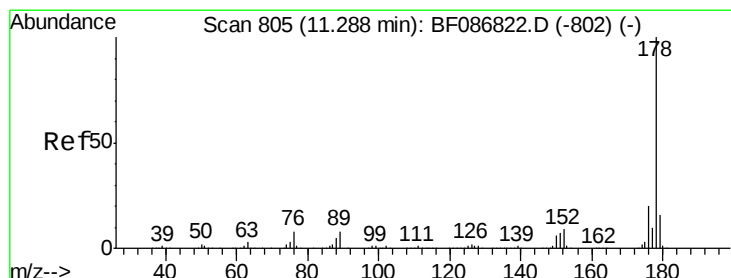
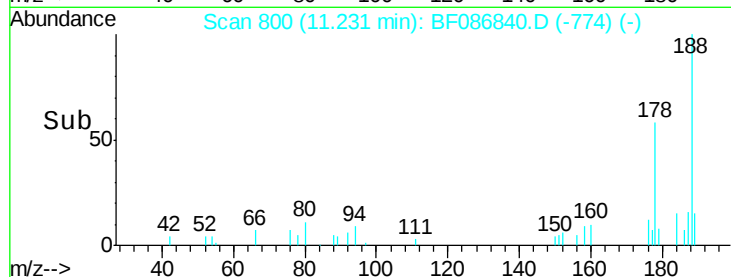
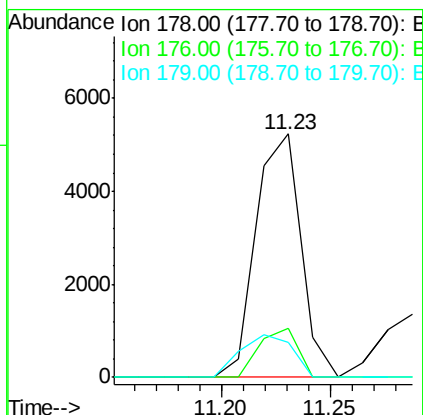
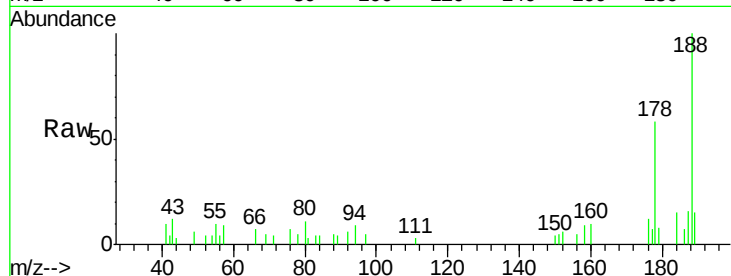




#70
 Phenanthrene
 Concen: 0.22 ng
 RT: 11.23 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF086840.D
 Acq: 10 May 2016 00:28

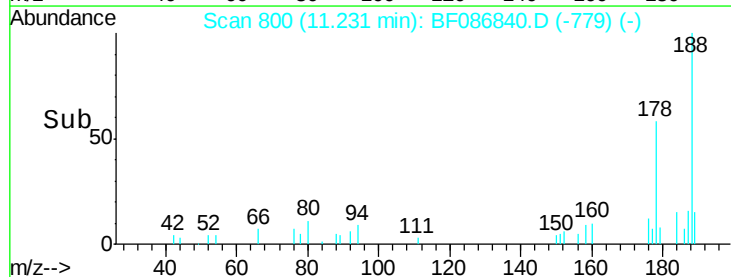
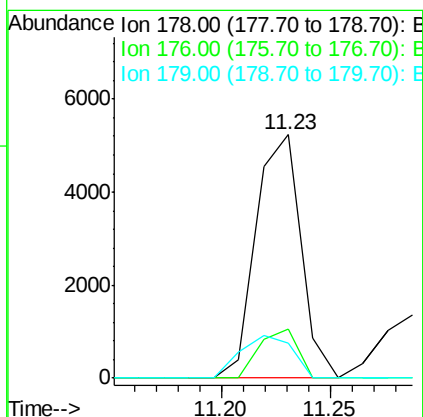
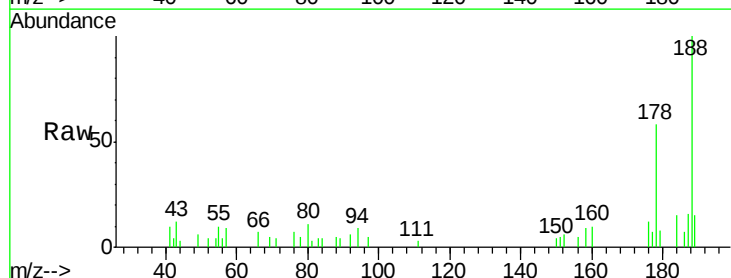
Instrument :
 BNA_F
 ClientSampleId :
 TP7-7.5FT

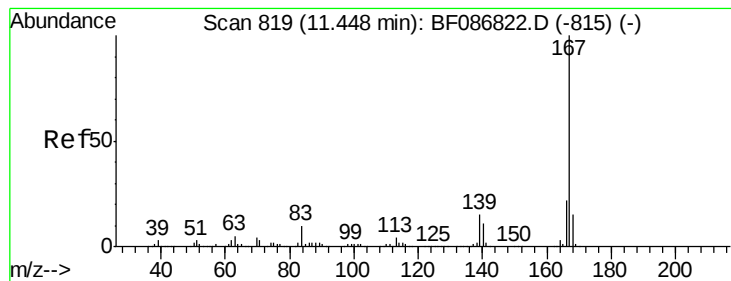
Tgt Ion:178 Resp: 7552
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.0 24.0
 179 14.1 12.6 18.8



#71
 Anthracene
 Concen: 0.22 ng
 RT: 11.23 min Scan# 800
 Delta R.T. -0.06 min
 Lab File: BF086840.D
 Acq: 10 May 2016 00:28

Tgt Ion:178 Resp: 7552
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.6 23.4
 179 14.1 12.7 19.1





#72

Carbazole

Concen: 0.01 ng

RT: 11.46 min Scan# 820

Delta R.T. 0.01 min

Lab File: BF086840.D

Acq: 10 May 2016 00:28

Instrument :

BNA_F

ClientSampleId :

TP7-7.5FT

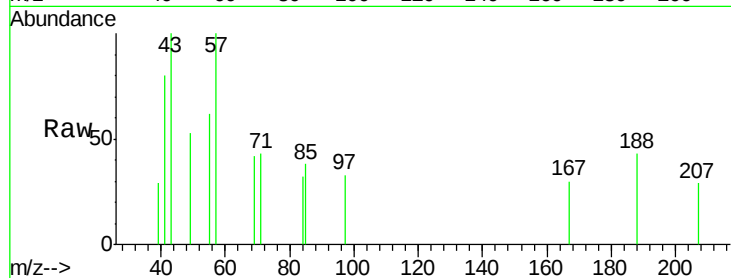
Tgt Ion:167 Resp: 215

Ion Ratio Lower Upper

167 100

166 0.0 17.7 26.5#

139 0.0 10.8 16.2#



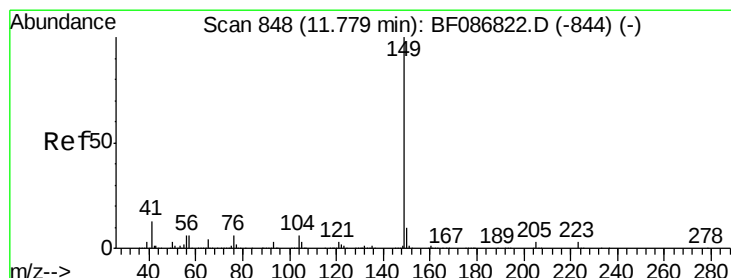
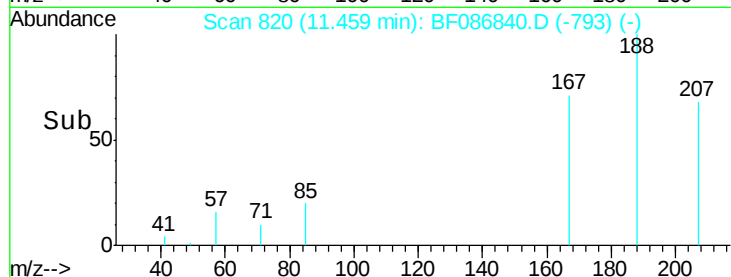
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

11.46

Time-->



#73

Di-n-butylphthalate

Concen: 0.05 ng

RT: 11.77 min Scan# 847

Delta R.T. -0.01 min

Lab File: BF086840.D

Acq: 10 May 2016 00:28

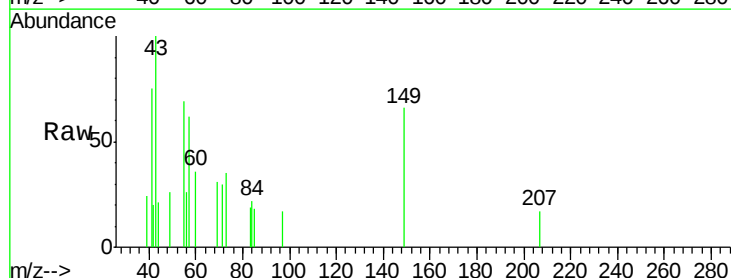
Tgt Ion:149 Resp: 1779

Ion Ratio Lower Upper

149 100

150 0.0 7.6 11.4#

104 0.0 3.8 5.6#



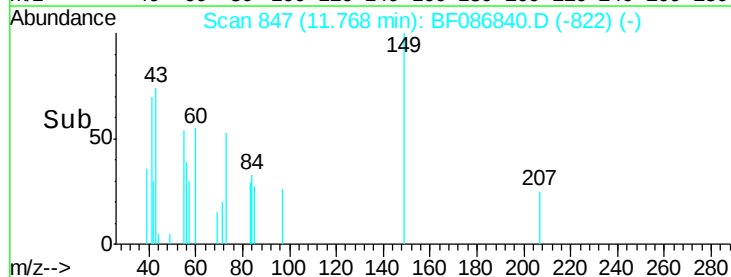
Abundance Ion 149.00 (148.70 to 149.70): E

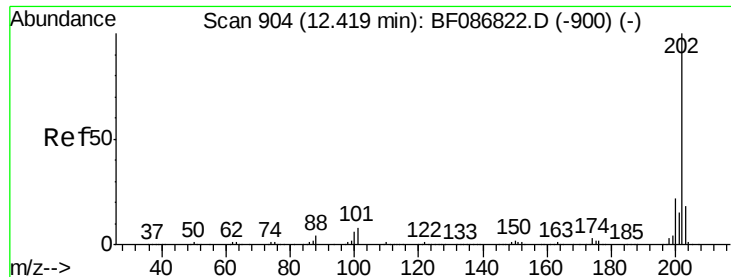
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

11.77

Time-->

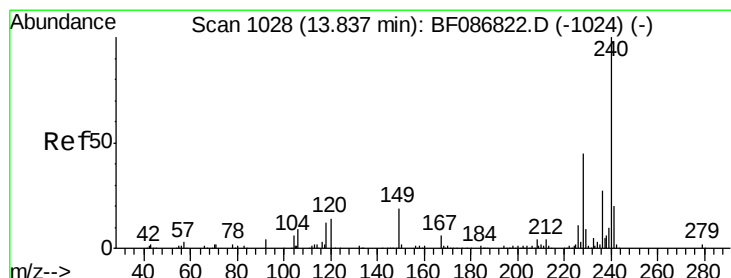
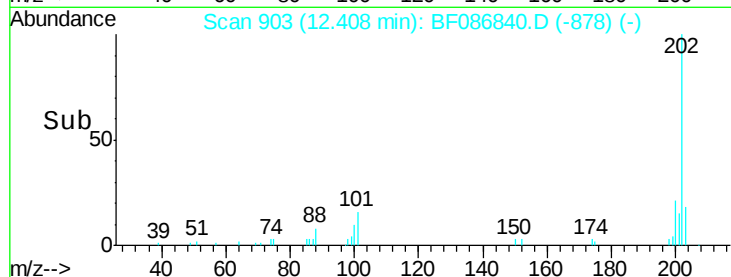
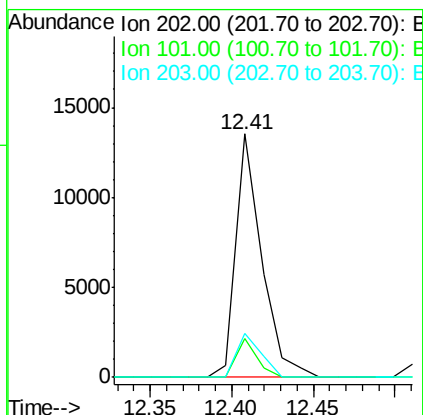
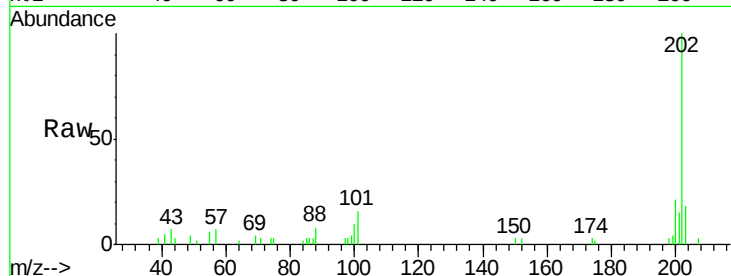




#74
 Fluoranthene
 Concen: 0.42 ng
 RT: 12.41 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF086840.D
 Acq: 10 May 2016 00:28

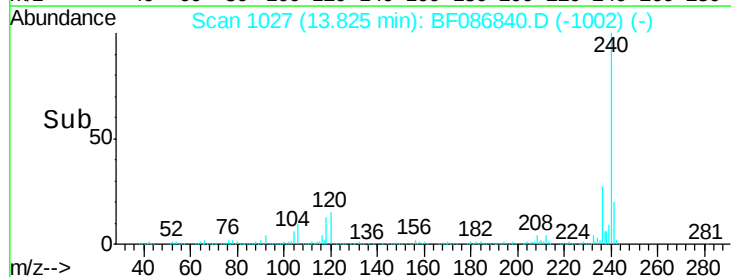
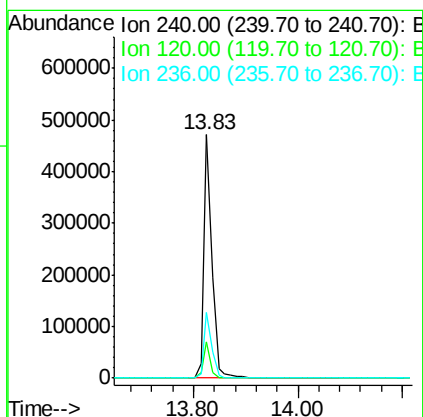
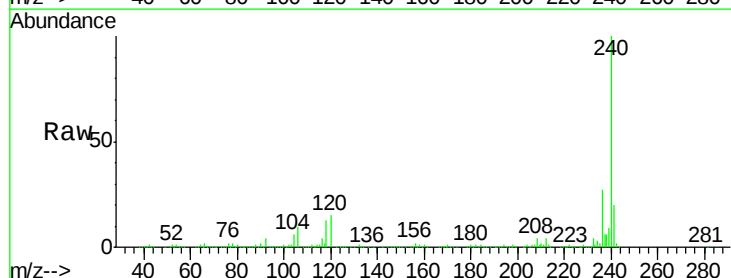
Instrument :
 BNA_F
 ClientSampleId :
 TP7-7.5FT

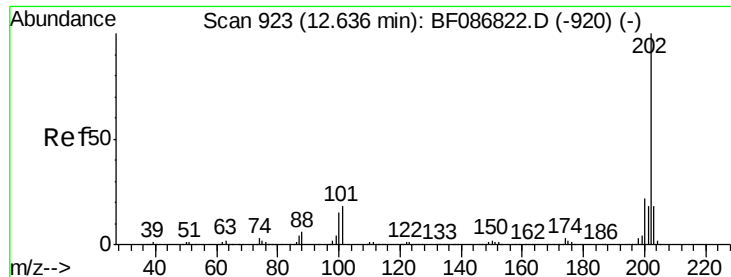
Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.9	0.0	35.4
203	17.9	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.83 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BF086840.D
 Acq: 10 May 2016 00:28

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.9	11.2	16.8
236	26.9	21.2	31.8





#77

Pyrene

Concen: 0.39 ng

RT: 12.64 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF086840.D

Acq: 10 May 2016 00:28

Instrument :

BNA_F

ClientSampleId :

TP7-7.5FT

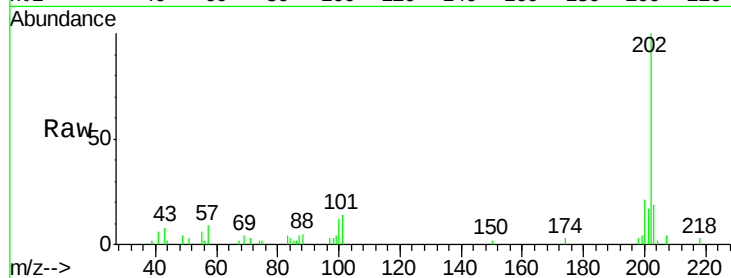
Tgt Ion:202 Resp: 15026

Ion Ratio Lower Upper

202 100

200 20.6 17.7 26.5

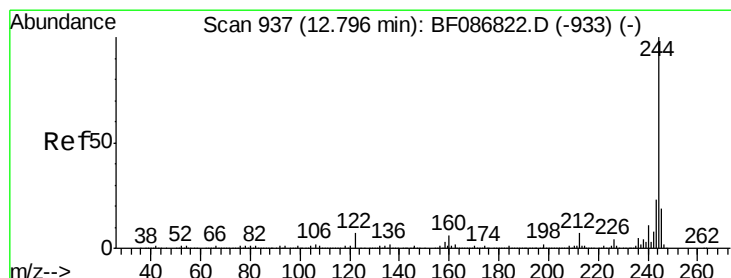
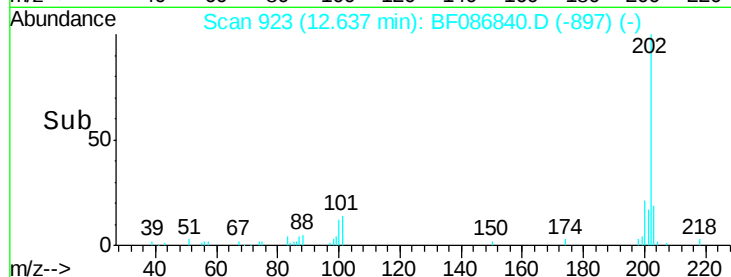
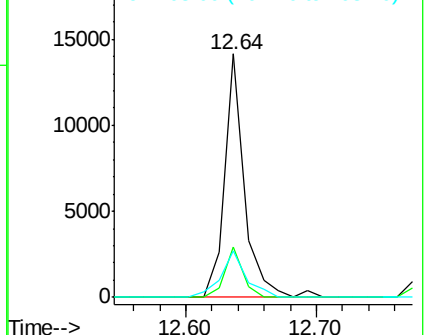
203 19.0 14.2 21.4



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: 41.58 ng

RT: 12.79 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF086840.D

Acq: 10 May 2016 00:28

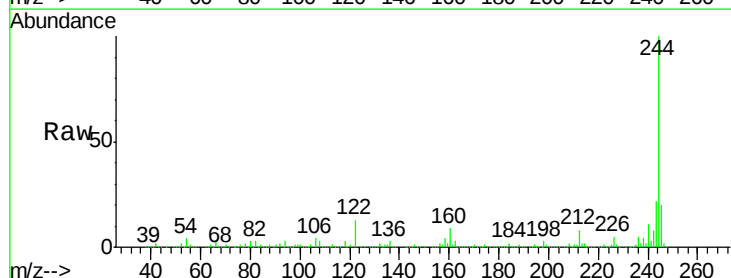
Tgt Ion:244 Resp: 997779

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

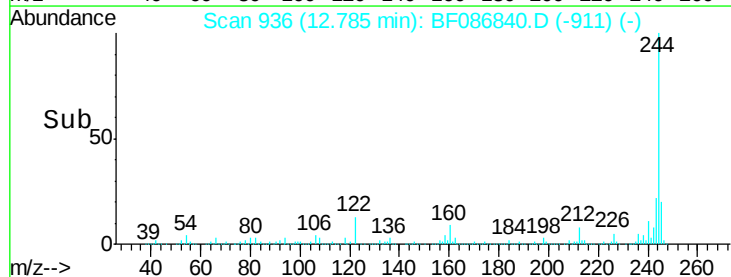
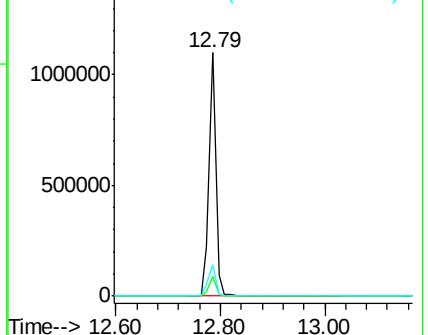
122 12.8 12.0 18.0

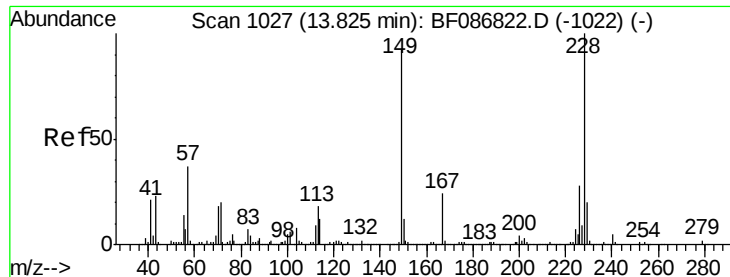


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 0.31 ng

RT: 13.81 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF086840.D

Acq: 10 May 2016 00:28

Instrument :

BNA_F

ClientSampleId :

TP7-7.5FT

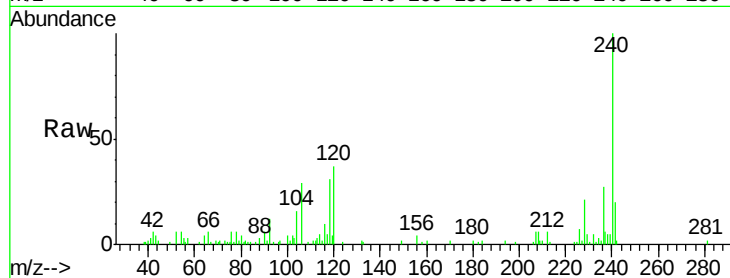
Tgt Ion:228 Resp: 8780

Ion Ratio Lower Upper

228 100

226 33.9 22.5 33.7#

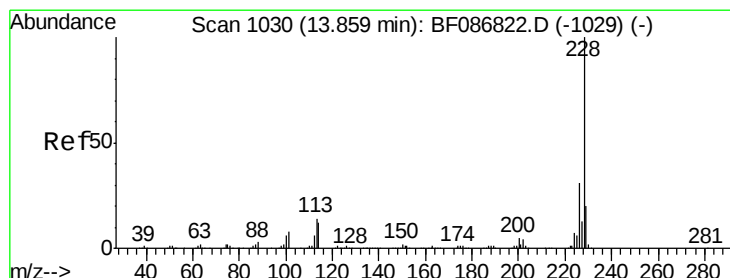
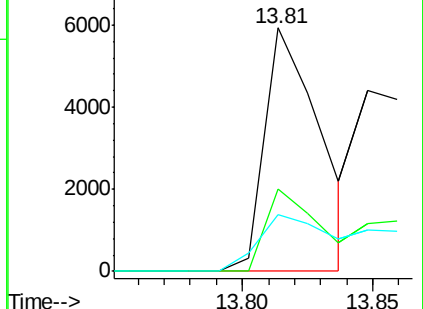
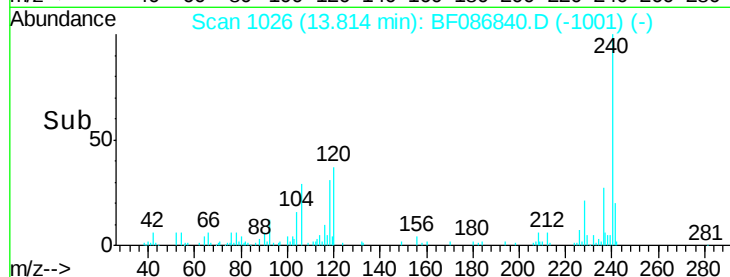
229 23.0 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 0.30 ng

RT: 13.81 min Scan# 1026

Delta R.T. -0.05 min

Lab File: BF086840.D

Acq: 10 May 2016 00:28

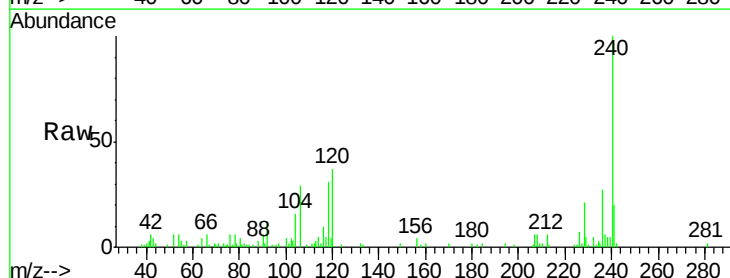
Tgt Ion:228 Resp: 8780

Ion Ratio Lower Upper

228 100

226 33.9 24.4 36.6

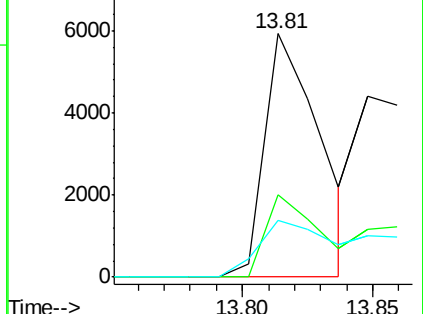
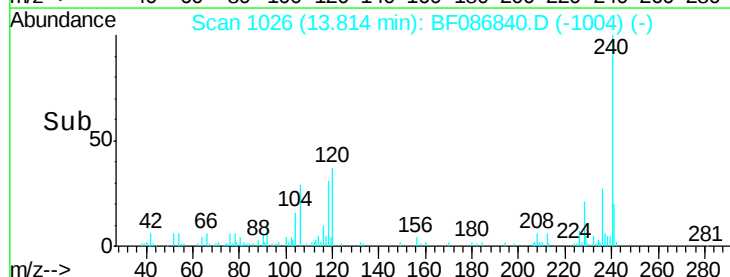
229 23.0 15.8 23.8

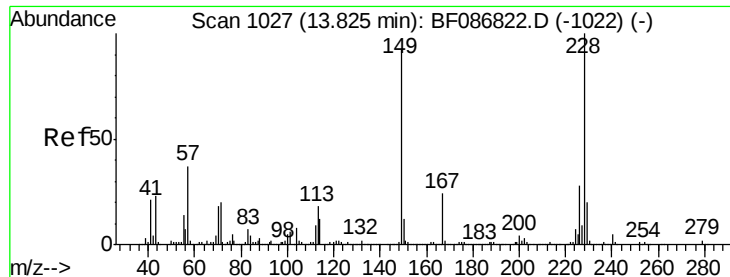


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.04 ng

RT: 13.83 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BF086840.D

Acq: 10 May 2016 00:28

Instrument :

BNA_F

ClientSampleId :

TP7-7.5FT

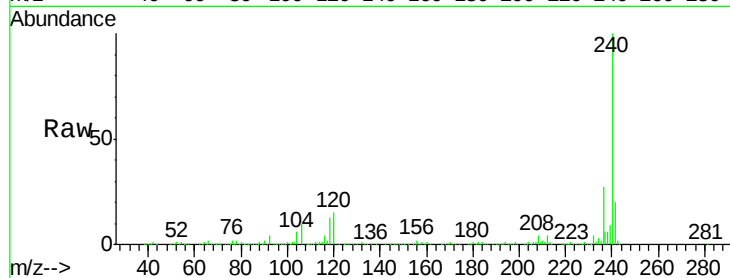
Tgt Ion:149 Resp: 743

Ion Ratio Lower Upper

149 100

167 63.6 21.8 32.6#

279 0.0 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

13.83

600

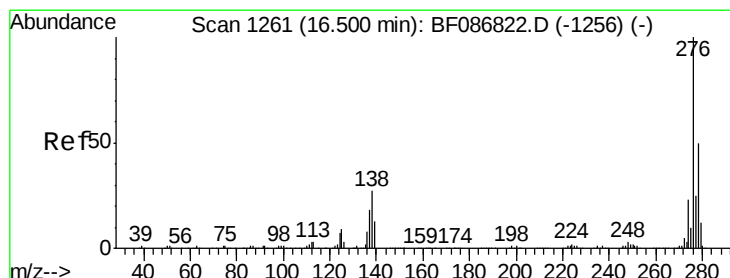
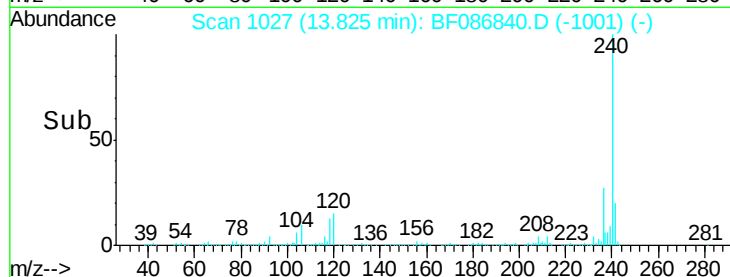
400

200

0

13.80 13.85

Time-->



#85

Indeno(1,2,3-cd)pyrene

Concen: 0.08 ng

RT: 16.50 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BF086840.D

Acq: 10 May 2016 00:28

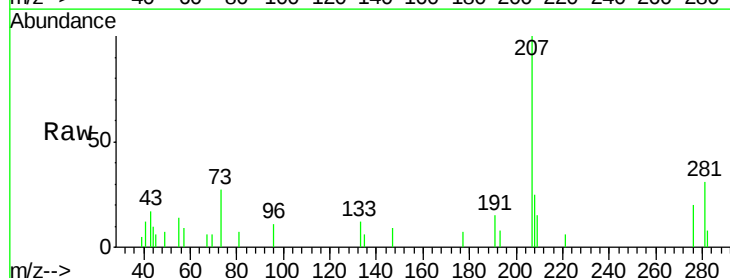
Tgt Ion:276 Resp: 1931

Ion Ratio Lower Upper

276 100

138 0.0 25.6 38.4#

277 0.0 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

16.50

1500

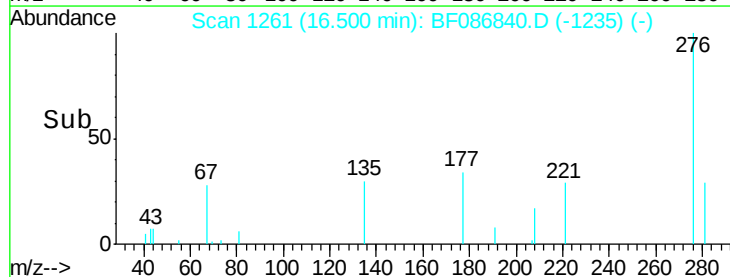
1000

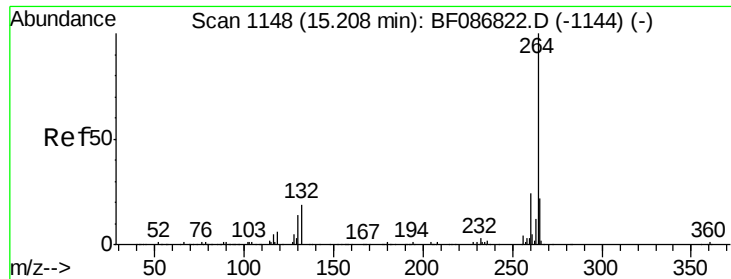
500

0

16.45 16.50 16.55

Time-->



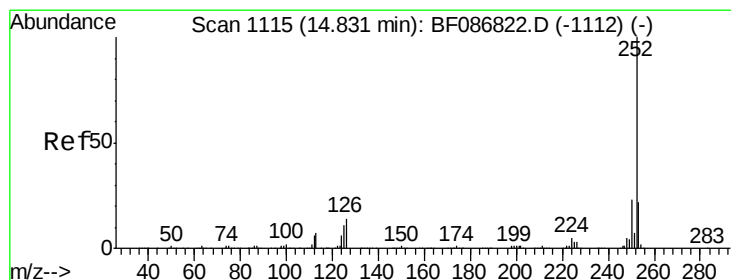
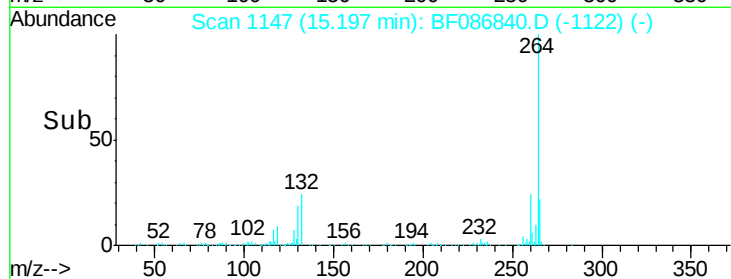
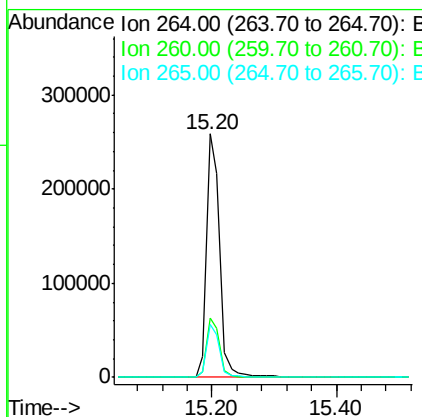
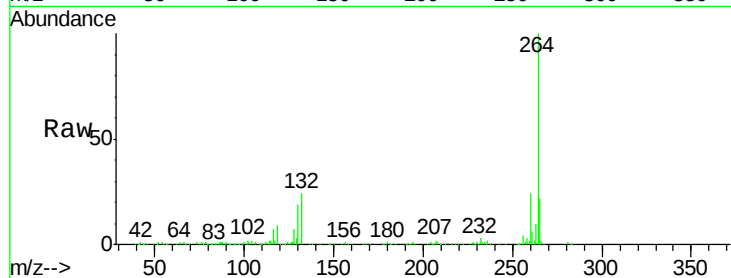


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.20 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF086840.D
Acq: 10 May 2016 00:28

Instrument :
BNA_F
ClientSampleId :
TP7-7.5FT

Tgt Ion: 264 Resp: 378045

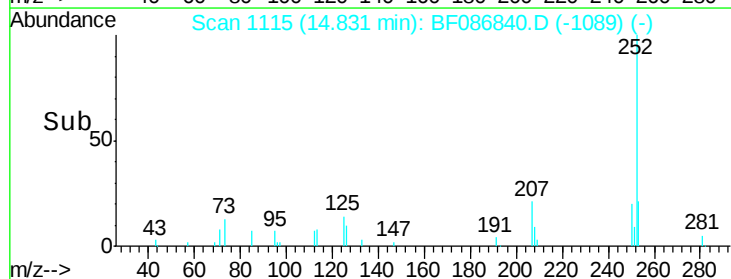
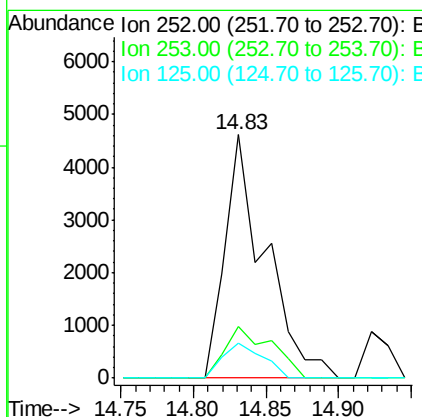
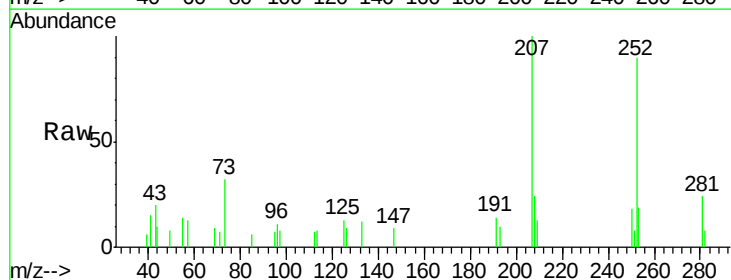
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.8	17.3	25.9

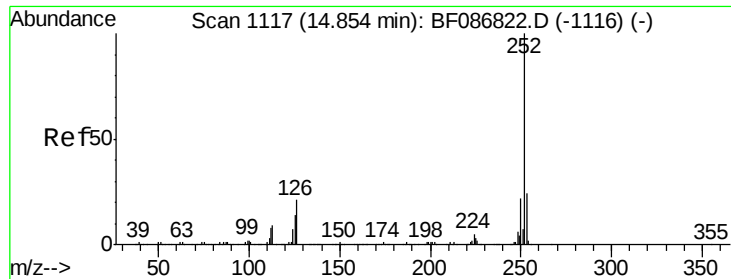


#87
Benzo(b)fluoranthene
Concen: 0.36 ng
RT: 14.83 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BF086840.D
Acq: 10 May 2016 00:28

Tgt Ion: 252 Resp: 8860

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.8	26.6
125	14.5	11.4	17.0

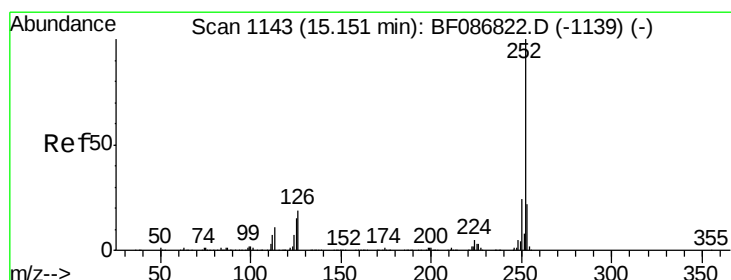
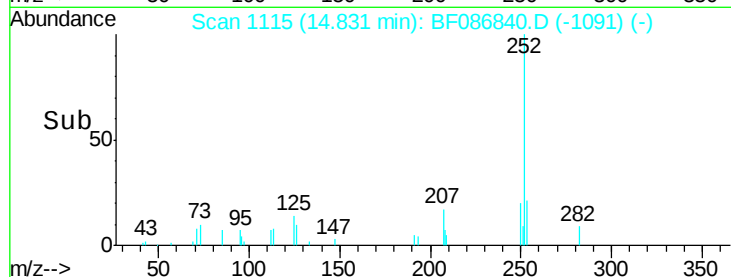
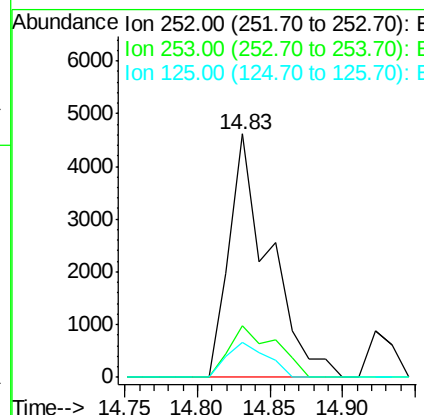
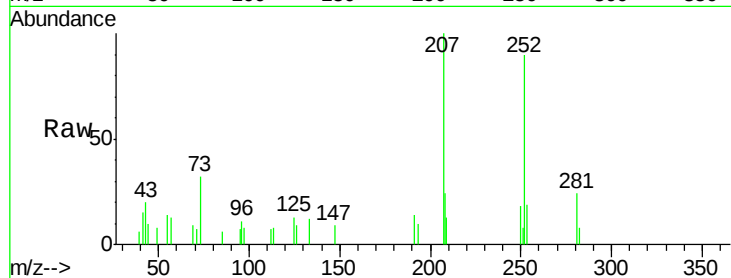




#88
Benzo(k)fluoranthene
Concen: 0.44 ng
RT: 14.83 min Scan# 1115
Delta R.T. -0.02 min
Lab File: BF086840.D
Acq: 10 May 2016 00:28

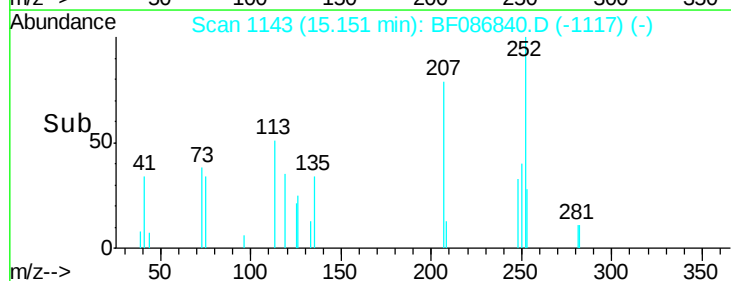
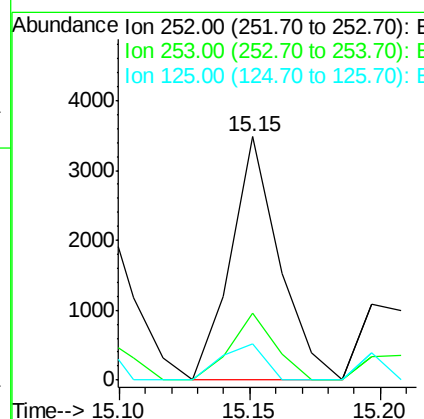
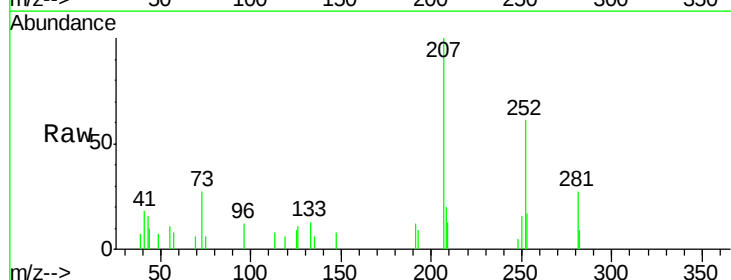
Instrument :
BNA_F
ClientSampleId :
TP7-7.5FT

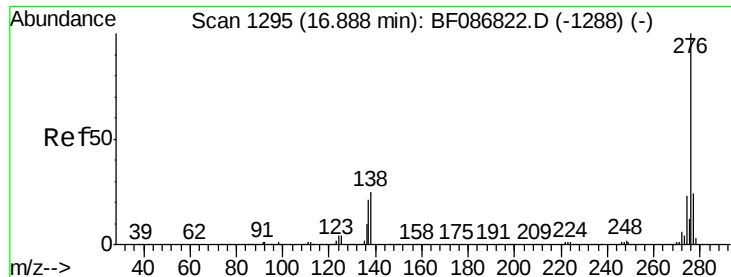
Tgt Ion:252 Resp: 8860
Ion Ratio Lower Upper
252 100
253 21.2 17.8 26.6
125 14.5 9.1 13.7#



#89
Benzo(a)pyrene
Concen: 0.21 ng
RT: 15.15 min Scan# 1143
Delta R.T. 0.00 min
Lab File: BF086840.D
Acq: 10 May 2016 00:28

Tgt Ion:252 Resp: 4525
Ion Ratio Lower Upper
252 100
253 27.8 17.2 25.8#
125 15.1 9.0 13.6#





#91

Benzo(g,h,i)perylene

Concen: 0.10 ng

RT: 16.89 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BF086840.D

Acq: 10 May 2016 00:28

Instrument :

BNA_F

ClientSampleId :

TP7-7.5FT

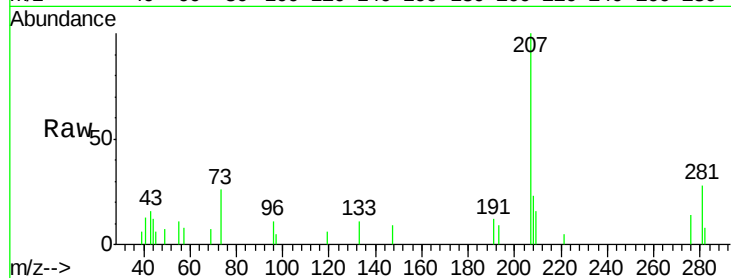
Tgt Ion: 276 Resp: 1758

Ion Ratio Lower Upper

276 100

277 0.0 19.6 29.4#

138 0.0 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

