

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050916\
 Data File : BF086836.D
 Acq On : 9 May 2016 22:34
 Operator : UM/SJ
 Sample : H2895-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP2-3-6FT

Quant Time: May 10 02:07:08 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	152072	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	651822	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	319543	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	635558	20.00	ng	0.00
75) Chrysene-d12	13.83	240	476009	20.00	ng	-0.01
86) Perylene-d12	15.21	264	362748	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	492082	54.80	ng	0.00
7) Phenol-d6	6.35	99	729089	60.75	ng	-0.01
23) Nitrobenzene-d5	7.25	82	511166	39.38	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	305711	90.37	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1260645	66.30	ng	0.00
78) Terphenyl-d14	12.79	244	1365768	60.88	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.36	88	268	0.06	ng	# 1
4) n-Nitrosodimethylamine	2.82	42	82	0.01	ng	# 1
6) Aniline	6.46	93	707	0.05	ng	# 1
9) Benzaldehyde	6.35	77	1054	0.15	ng	# 4
10) Phenol	6.36	94	3757	0.26	ng	# 1
11) bis(2-Chloroethyl)ether	6.46	93	707	0.06	ng	# 1
15) Benzyl Alcohol	6.84	79	8822	1.06	ng	# 40
16) 2,2'-oxybis(1-Chloropropan	6.73	45	1217	0.05	ng	# 64
19) n-Nitroso-di-n-propylamine	7.25	70	69337	8.27	ng	# 67
24) Nitrobenzene	7.25	77	1516	0.11	ng	# 33
25) Isophorone	7.25	82	493498	20.49	ng	# 68
28) bis(2-Chloroethoxy)methane	7.97	93	226	0.02	ng	# 1
31) Naphthalene	8.00	128	14874	0.46	ng	# 100
33) 4-Chloroaniline	8.00	127	1767	0.14	ng	# 38
37) 2-Methylnaphthalene	8.69	142	6169	0.32	ng	# 97
45) 1,1'-Biphenyl	9.16	154	1953	0.08	ng	# 86
47) 2-Nitroaniline	9.45	65	2168	0.30	ng	# 1
48) Acenaphthylene	9.58	152	10681	0.36	ng	# 97
49) Dimethylphthalate	9.46	163	195589	8.02	ng	# 98
50) 2,6-Dinitrotoluene	9.46	165	1778	0.35	ng	# 1
51) Acenaphthene	9.76	154	17307	0.95	ng	# 96
54) Dibenzofuran	9.94	168	17227	0.74	ng	# 93
55) 4-Nitrophenol	9.93	139	7050	6.41	ng	# 14
56) 2,4-Dinitrotoluene	9.72	165	41804	6.58	ng	# 16
57) Fluorene	10.27	166	21768	1.09	ng	# 98
59) Diethylphthalate	10.16	149	2075	0.09	ng	# 93
61) 4-Nitroaniline	10.27	138	219	0.04	ng	# 26
62) Azobenzene	10.43	77	1003	0.04	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.51	198	619	0.16	ng	# 1
65) n-Nitrosodiphenylamine	10.38	169	1296	0.07	ng	# 26
66) 4-Bromophenyl-phenylether	10.51	248	18823	2.92	ng	# 1
70) Phenanthrene	11.23	178	239586	7.06	ng	# 97
71) Anthracene	11.28	178	67524	1.95	ng	# 97
72) Carbazole	11.45	167	24944	0.84	ng	# 98

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 Sample : H2895-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

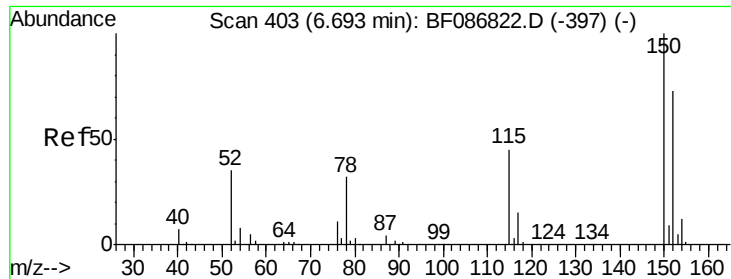
Instrument :
 BNA_F
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Quant Time: May 10 02:07:08 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

73) Di-n-butylphthalate	11.78	149	3264	0.09	ng	# 52
74) Fluoranthene	12.41	202	268910	7.71	ng	95
77) Pyrene	12.64	202	232274	6.37	ng	98
79) Butylbenzylphthalate	13.47	149	252	0.02	ng	# 30
80) Benzo(a)anthracene	13.81	228	125738	4.71	ng	99
81) 3,3'-Dichlorobenzidine	13.87	252	1582	0.09	ng	# 1
82) Chrysene	13.81	228	125738	4.63	ng	96
83) Bis(2-ethylhexyl)phthalate	13.83	149	2687	0.14	ng	# 75
84) Di-n-octyl phthalate	14.43	149	507	0.02	ng	# 75
85) Indeno(1,2,3-cd)pyrene	16.49	276	40571	1.79	ng	96
87) Benzo(b)fluoranthene	14.83	252	142150	6.03	ng	97
88) Benzo(k)fluoranthene	14.83	252	142150	7.36	ng	99
89) Benzo(a)pyrene	14.92	252	18500	0.91	ng	94
90) Dibenzo(a,h)anthracene	16.65	278	8373	0.49	ng	95
91) Benzo(g,h,i)perylene	16.88	276	38346	2.20	ng	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 403

Delta R.T. 0.00 min

Lab File: BF086836.D

Acq: 9 May 2016 22:34

Instrument :

BNA_F

ClientSampled :

TP2-3-6FT

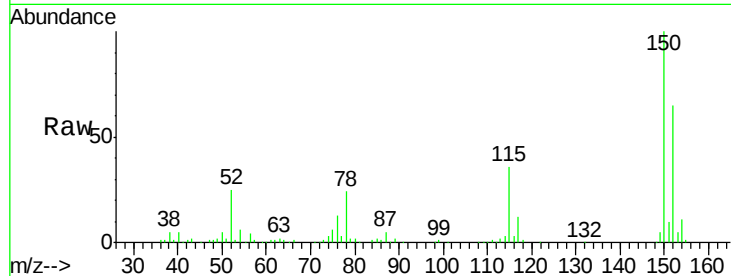
Tgt Ion:152 Resp: 152072

Ion Ratio Lower Upper

152 100

150 153.9 125.8 188.6

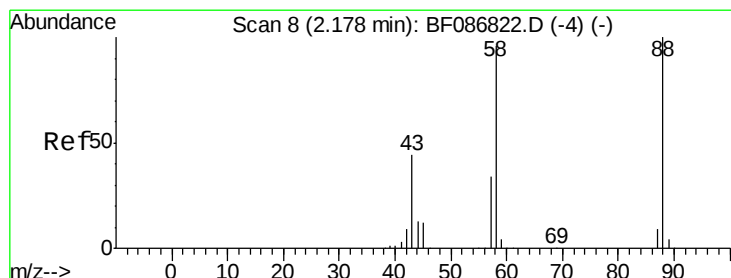
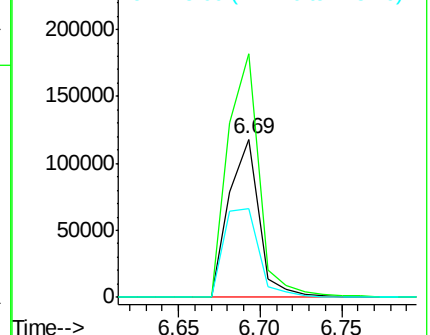
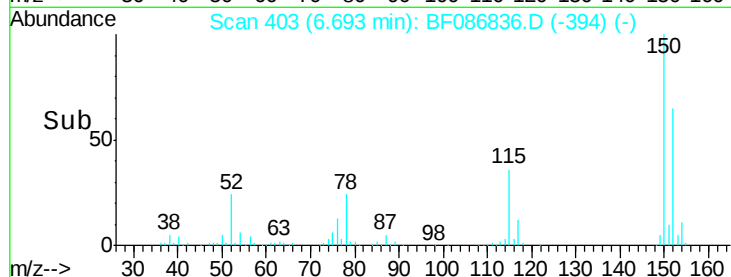
115 56.1 51.5 77.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.06 ng

RT: 2.36 min Scan# 24

Delta R.T. 0.18 min

Lab File: BF086836.D

Acq: 9 May 2016 22:34

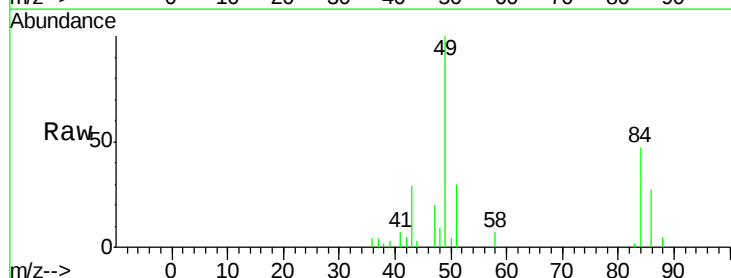
Tgt Ion: 88 Resp: 268

Ion Ratio Lower Upper

88 100

58 0.0 59.6 89.4#

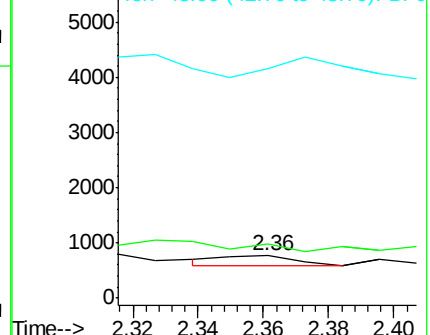
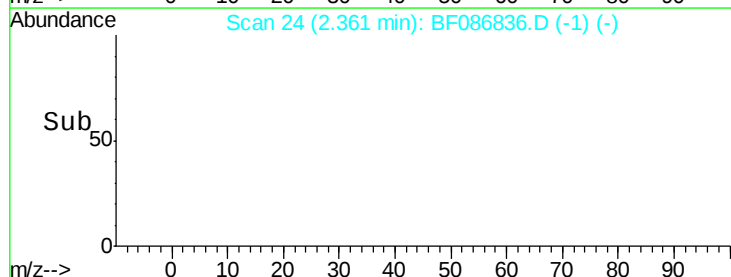
43 285.4 21.8 32.6#

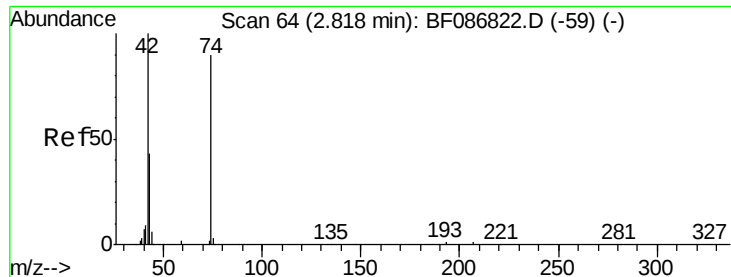


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#4

n-Nitrosodimethylamine

Concen: 0.01 ng

RT: 2.82 min Scan# 64

Delta R.T. 0.00 min

Lab File: BF086836.D

Acq: 9 May 2016 22:34

Instrument :

BNA_F

ClientSampleId :

TP2-3-6FT

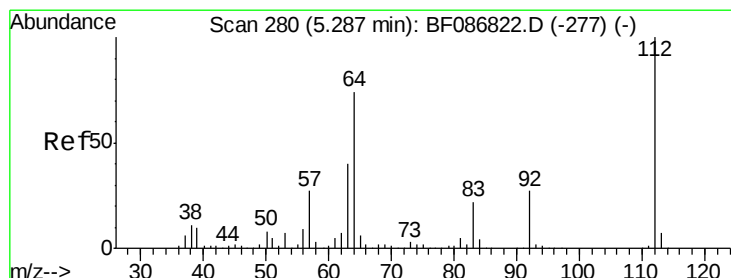
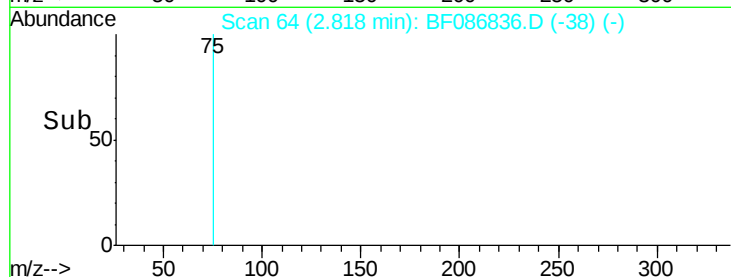
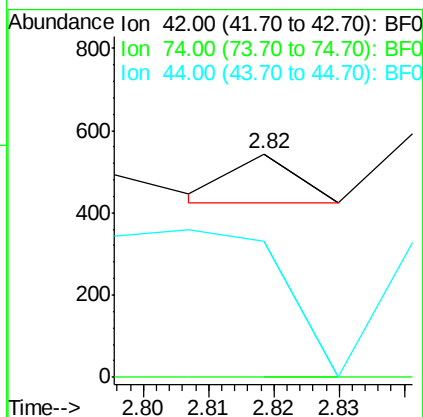
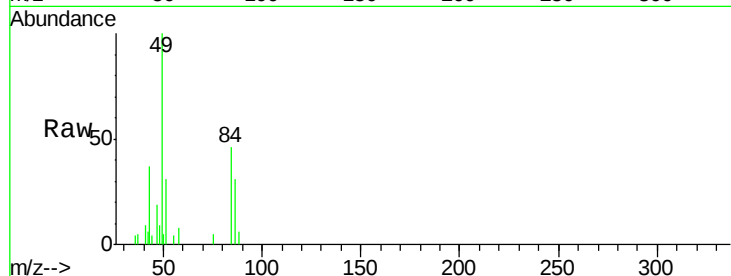
Tgt Ion: 42 Resp: 82

Ion Ratio Lower Upper

42 100

74 0.0 123.4 185.0#

44 60.7 5.8 8.6#



#5

2-Fluorophenol

Concen: 54.80 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: BF086836.D

Acq: 9 May 2016 22:34

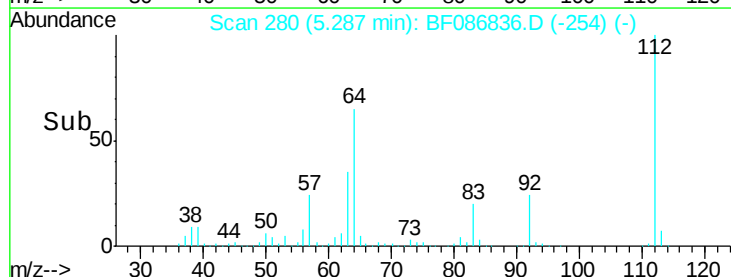
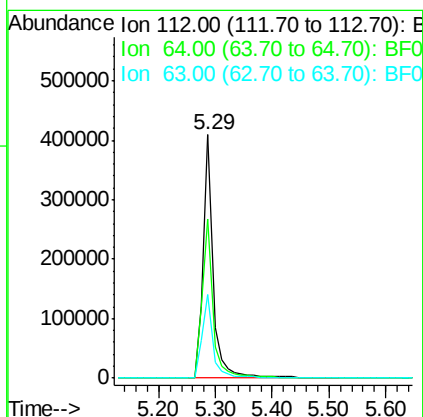
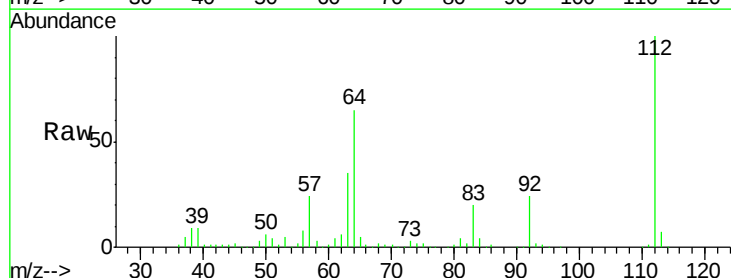
Tgt Ion: 112 Resp: 492082

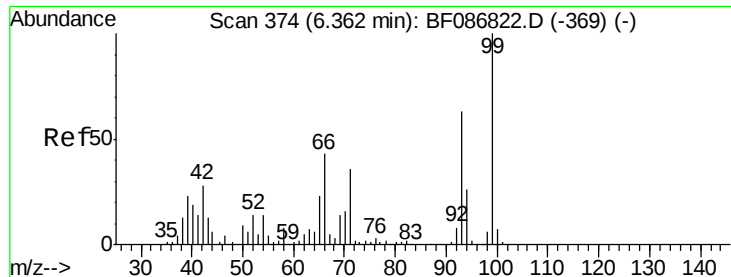
Ion Ratio Lower Upper

112 100

64 65.2 52.1 78.1

63 34.6 25.7 38.5





#6

Aniline

Concen: 0.05 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.10 min

Lab File: BF086836.D

Acq: 9 May 2016 22:34

Instrument :

BNA_F

ClientSampleId :

TP2-3-6FT

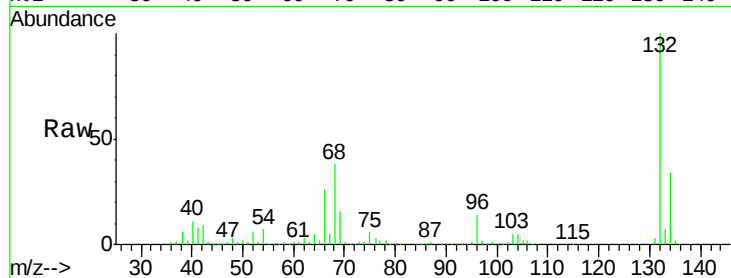
Tgt Ion: 93 Resp: 707

Ion Ratio Lower Upper

93 100

66 18845.4 39.0 58.6#

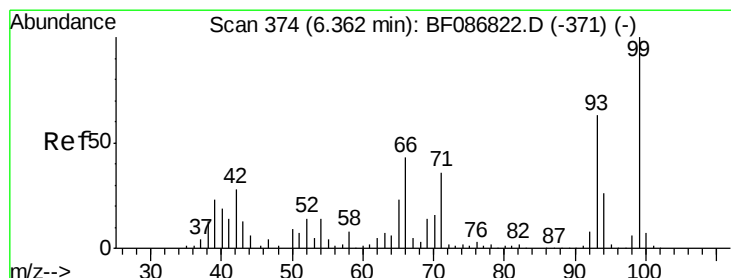
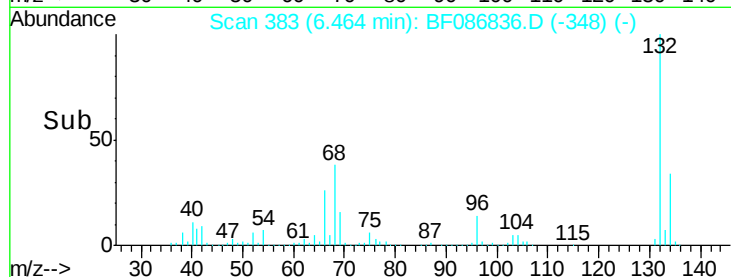
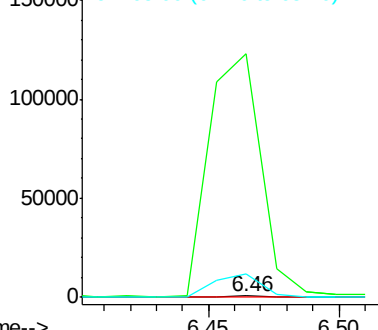
65 1781.1 20.6 31.0#



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: 60.75 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF086836.D

Acq: 9 May 2016 22:34

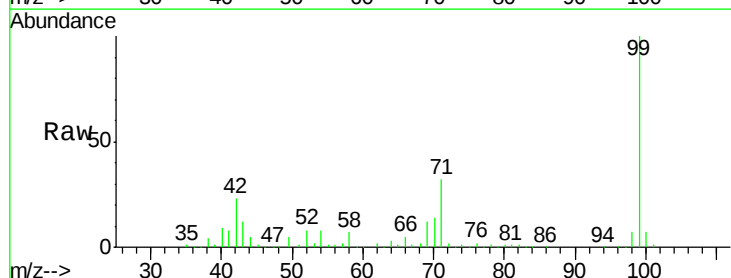
Tgt Ion: 99 Resp: 729089

Ion Ratio Lower Upper

99 100

42 22.7 13.6 20.4#

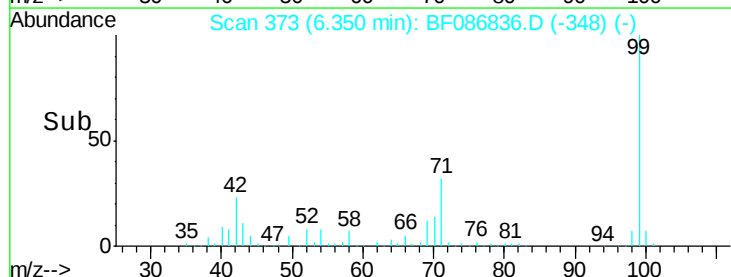
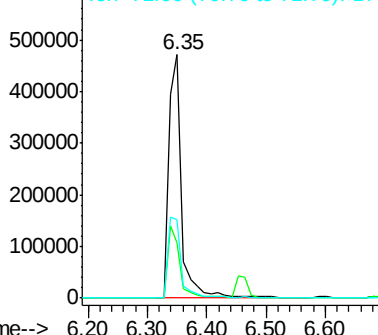
71 32.4 24.6 36.8

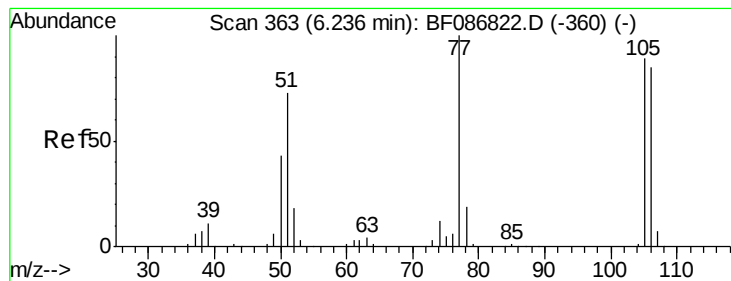


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#9

Benzaldehyde

Concen: 0.15 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.11 min

Lab File: BF086836.D

Acq: 9 May 2016 22:34

Instrument :

BNA_F

ClientSampleId :

TP2-3-6FT

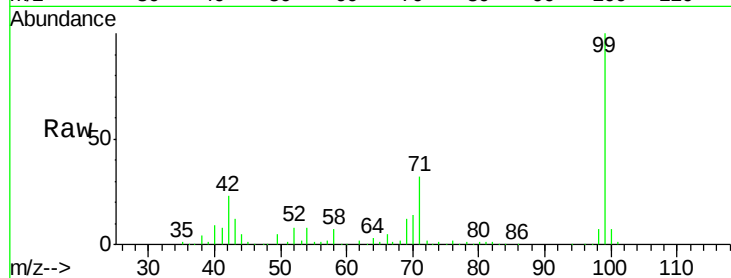
Tgt Ion: 77 Resp: 1054

Ion Ratio Lower Upper

77 100

105 0.0 72.7 112.7#

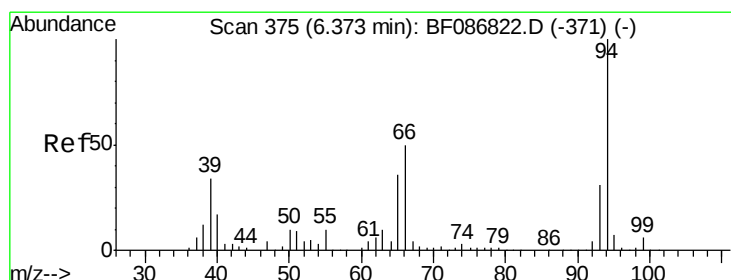
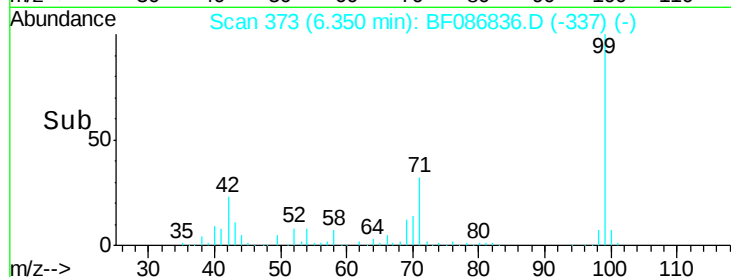
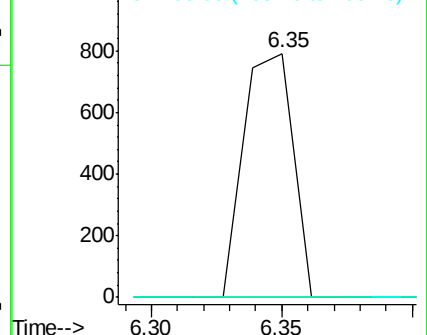
106 0.0 70.8 110.8#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 0.26 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF086836.D

Acq: 9 May 2016 22:34

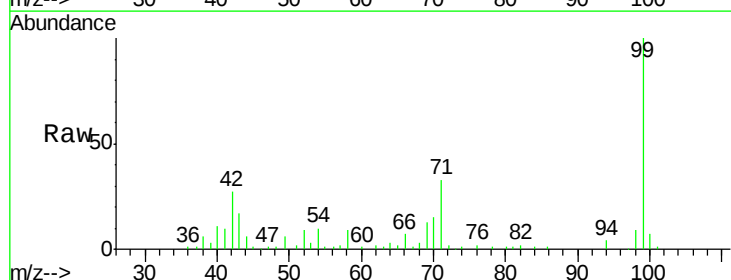
Tgt Ion: 94 Resp: 3757

Ion Ratio Lower Upper

94 100

65 54.0 7.2 47.2#

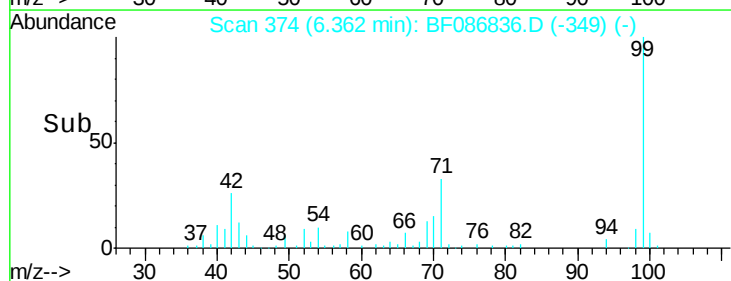
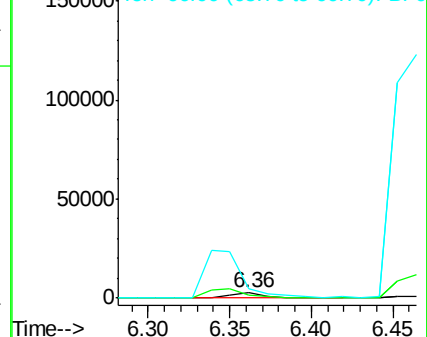
66 183.5 14.9 54.9#

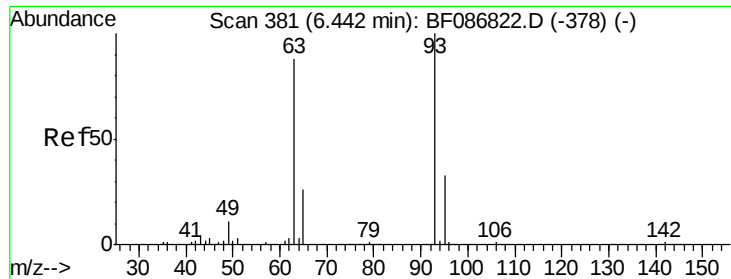


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

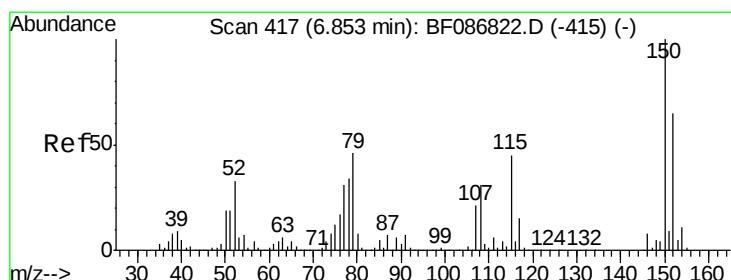
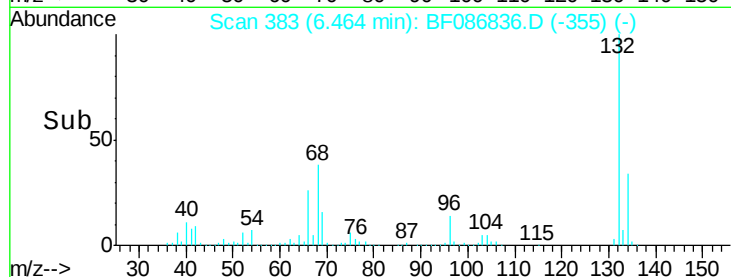
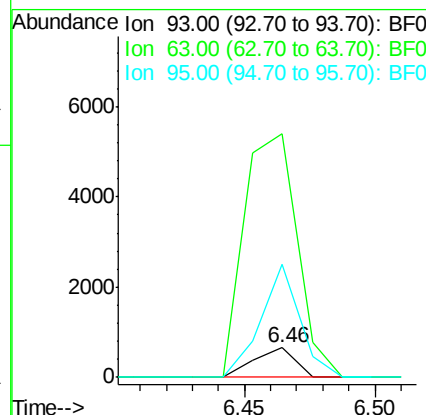
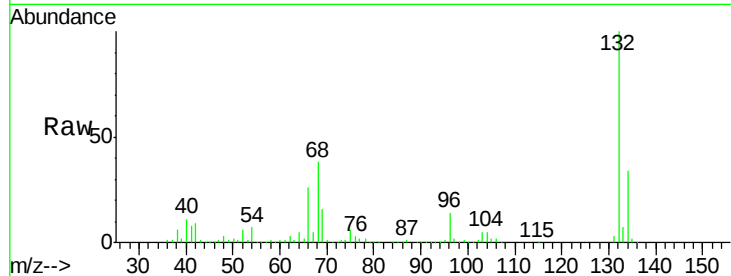




#11
bis(2-Chloroethyl)ether
Concen: 0.06 ng
RT: 6.46 min Scan# 383
Delta R.T. 0.02 min
Lab File: BF086836.D
Acq: 9 May 2016 22:34

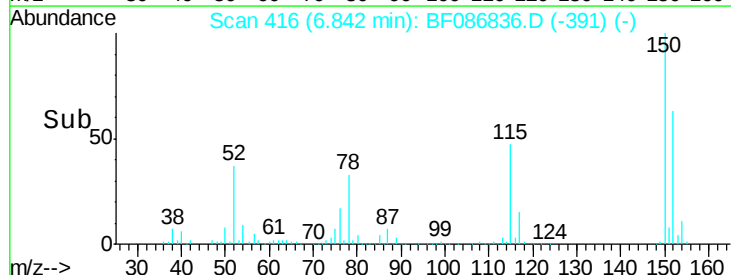
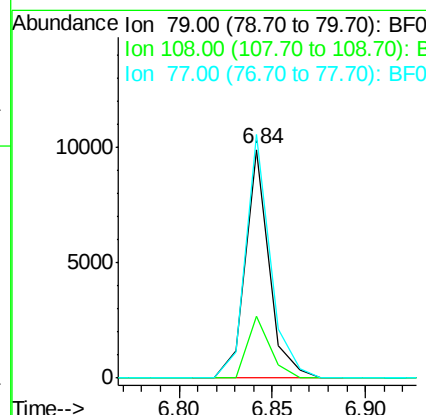
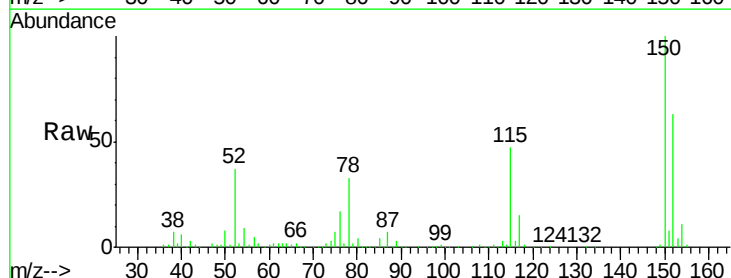
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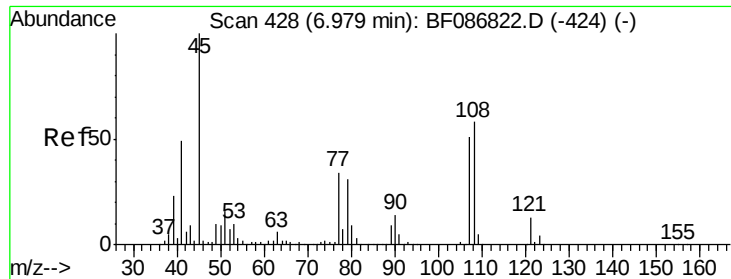
Tgt Ion: 93 Resp: 707
Ion Ratio Lower Upper
93 100
63 827.8 58.0 98.0#
95 383.7 11.9 51.9#



#15
Benzyl Alcohol
Concen: 1.06 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF086836.D
Acq: 9 May 2016 22:34

Tgt Ion: 79 Resp: 8822
Ion Ratio Lower Upper
79 100
108 27.2 68.4 102.6#
77 106.4 50.6 76.0#

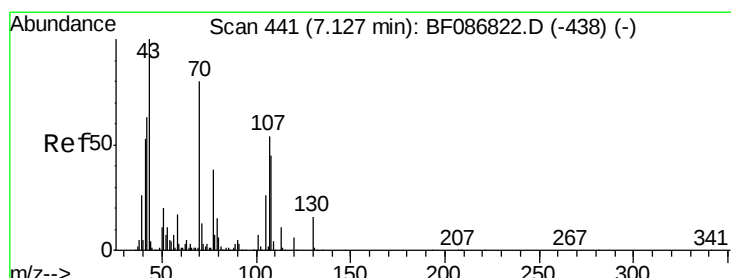
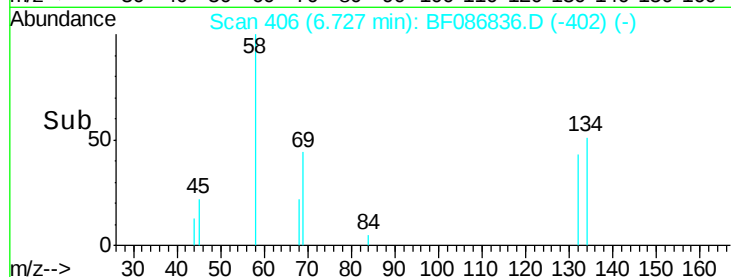
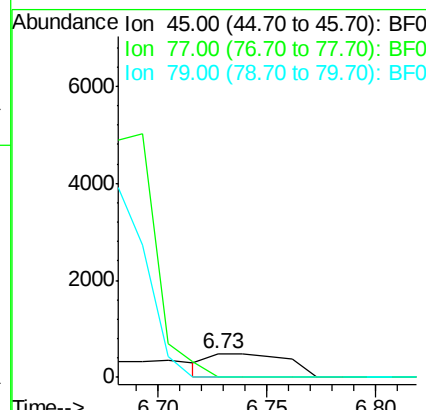
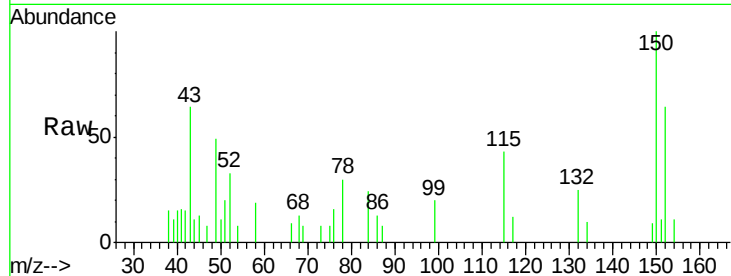




#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 0.05 ng
 RT: 6.73 min Scan# 406
 Delta R.T. -0.25 min
 Lab File: BF086836.D
 Acq: 9 May 2016 22:34

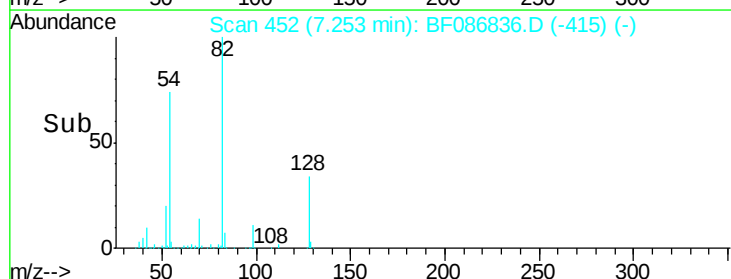
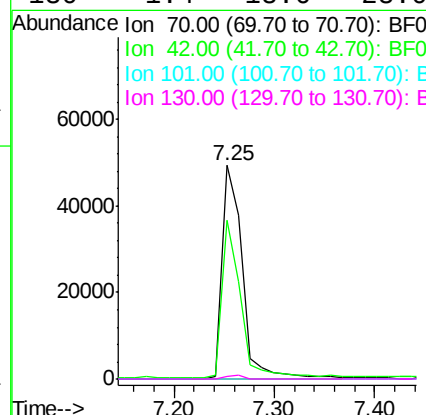
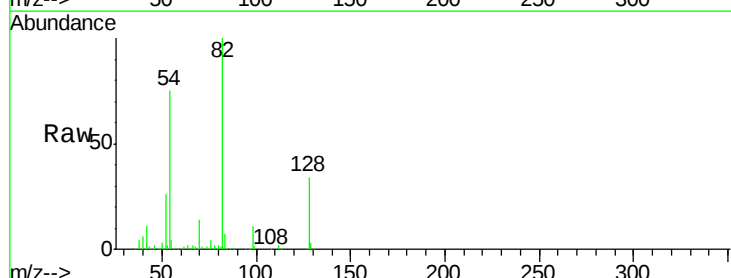
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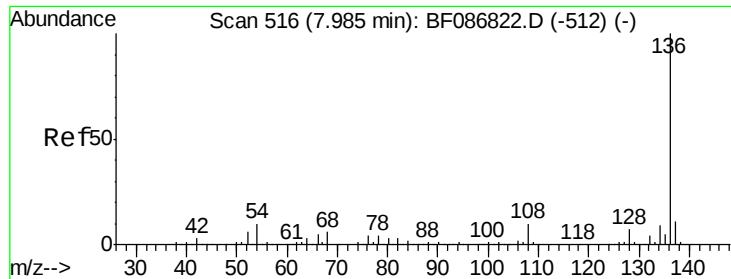
Tgt Ion: 45 Resp: 1217
 Ion Ratio Lower Upper
 45 100
 77 0.0 0.0 36.4
 79 0.0 0.0 33.4



#19
 n-Nitroso-di-n-propylamine
 Concen: 8.27 ng
 RT: 7.25 min Scan# 452
 Delta R.T. 0.13 min
 Lab File: BF086836.D
 Acq: 9 May 2016 22:34

Tgt Ion: 70 Resp: 69337
 Ion Ratio Lower Upper
 70 100
 42 74.4 43.1 64.7#
 101 0.0 8.1 12.1#
 130 1.4 18.6 28.0#

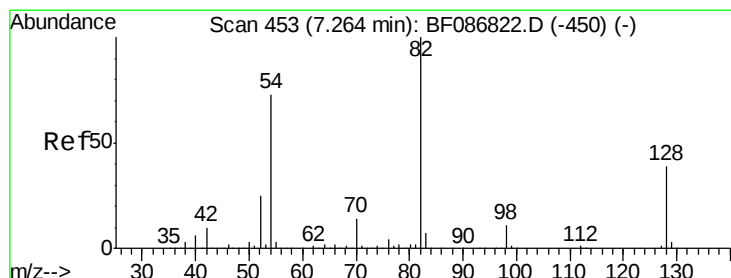
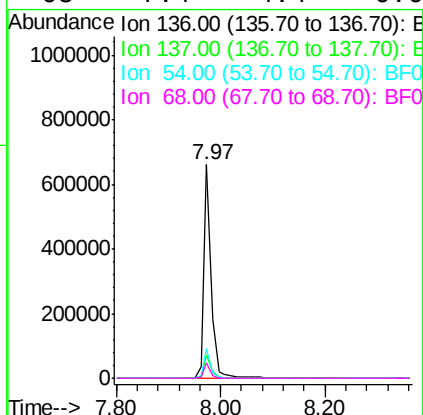
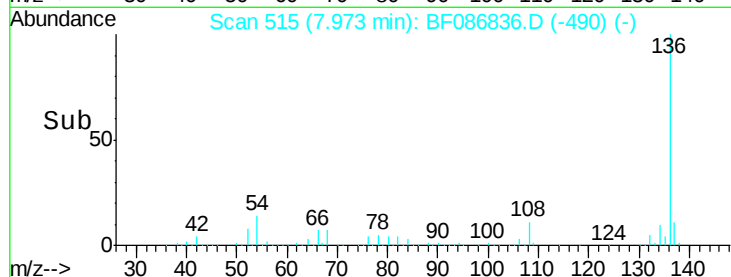
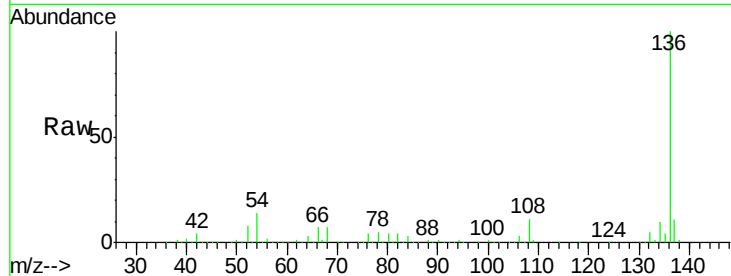




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.01 min
Lab File: BF086836.D
Acq: 9 May 2016 22:34

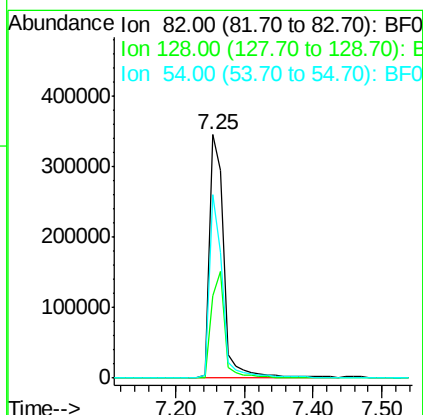
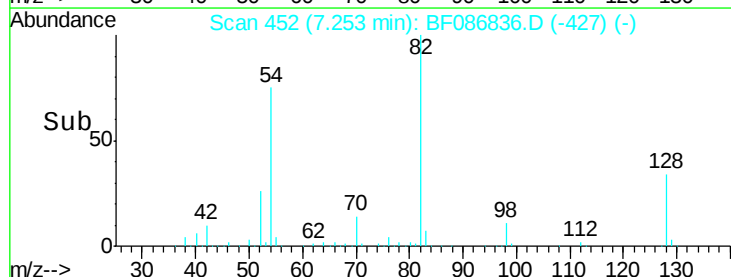
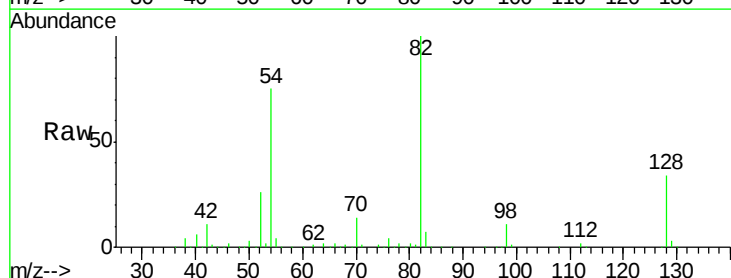
Instrument :
BNA_F
ClientSampleId :
TP2-3-6FT

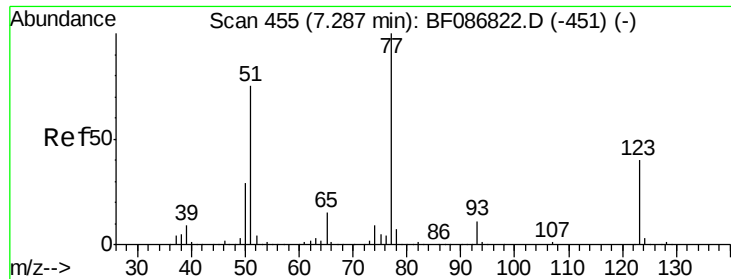
Tgt Ion:	136	Resp:	651822
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	13.8	5.0	7.4#
68	7.4	4.4	6.6#



#23
Nitrobenzene-d5
Concen: 39.38 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF086836.D
Acq: 9 May 2016 22:34

Tgt Ion:	82	Resp:	511166
Ion	Ratio	Lower	Upper
82	100		
128	34.0	40.6	61.0#
54	75.2	38.1	57.1#

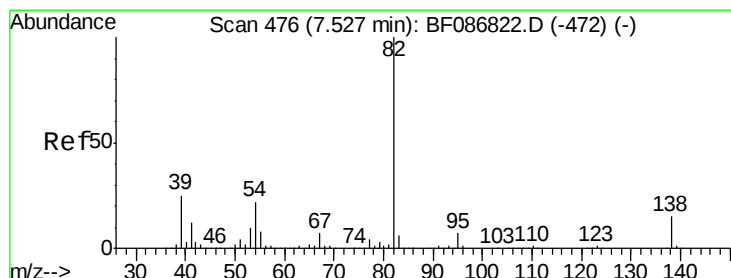
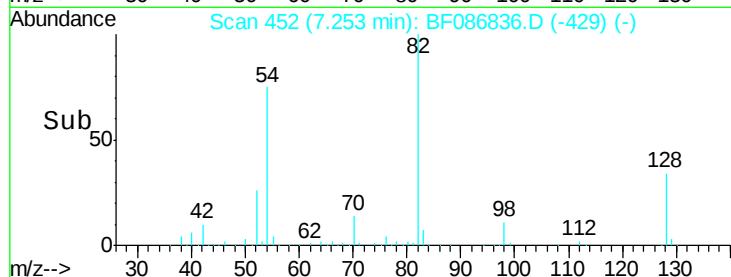
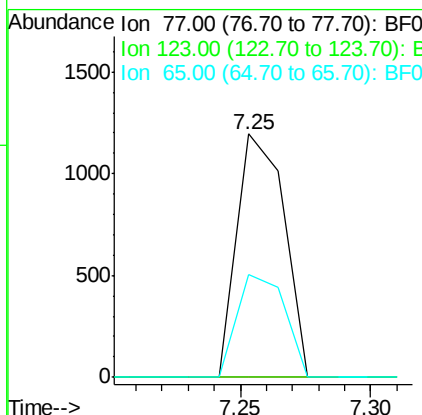
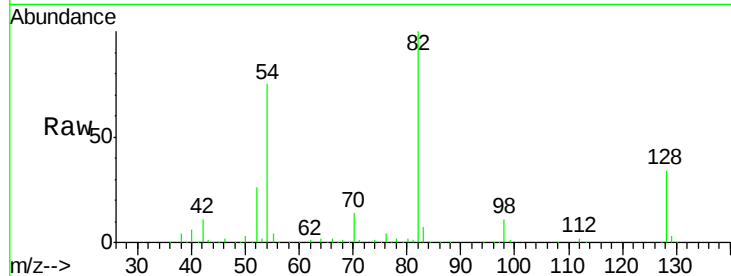




#24
 Nitrobenzene
 Concen: 0.11 ng
 RT: 7.25 min Scan# 452
 Delta R.T. -0.03 min
 Lab File: BF086836.D
 Acq: 9 May 2016 22:34

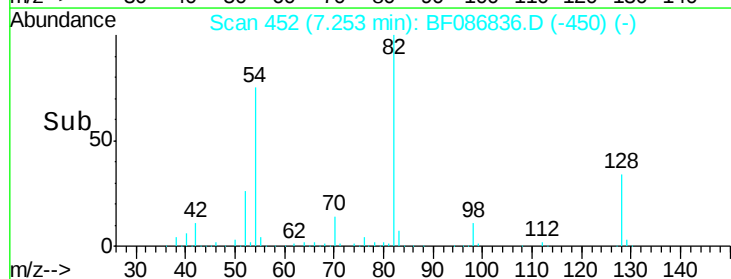
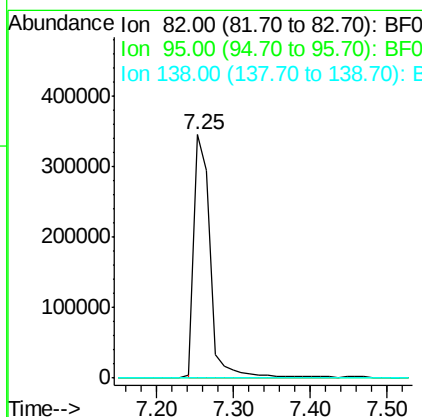
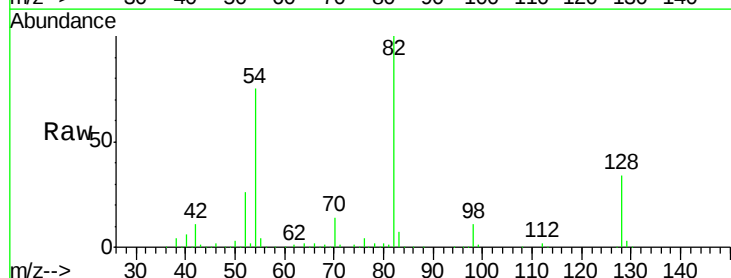
Instrument :
 BNA_F
 ClientSampleId :
 TP2-3-6FT

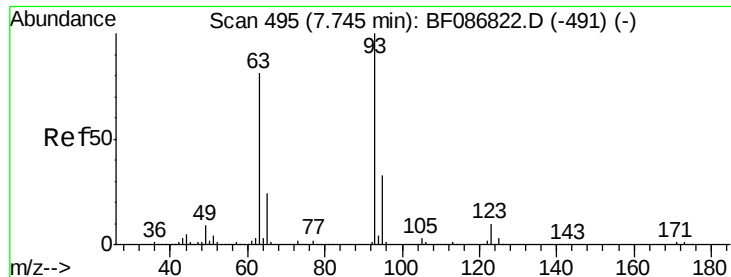
Tgt Ion:	77.00	Resp:	1516
Ion Ratio	Lower	Upper	
77	100		
123	0.0	33.0	49.4#
65	42.1	10.8	16.2#



#25
 Isophorone
 Concen: 20.49 ng
 RT: 7.25 min Scan# 452
 Delta R.T. -0.27 min
 Lab File: BF086836.D
 Acq: 9 May 2016 22:34

Tgt Ion:	82.00	Resp:	493498
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.1	7.7#
138	0.0	12.4	18.6#

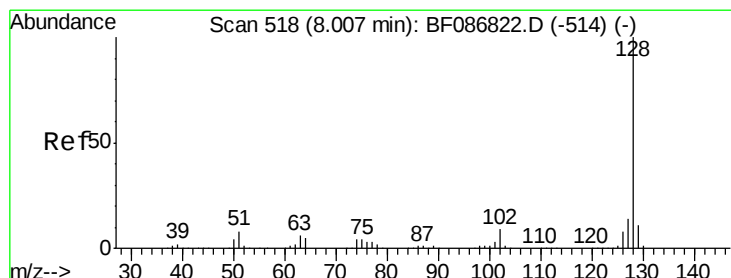
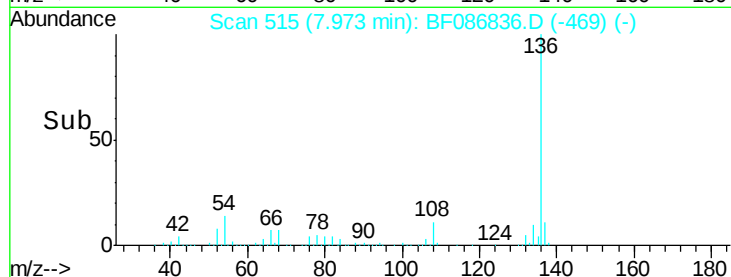
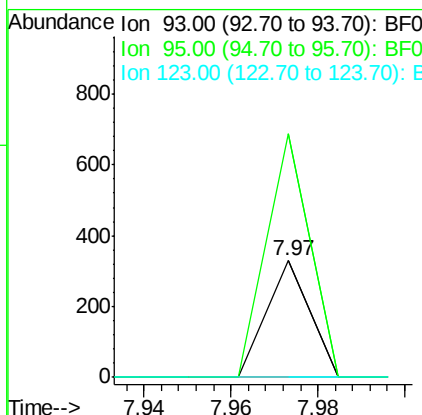
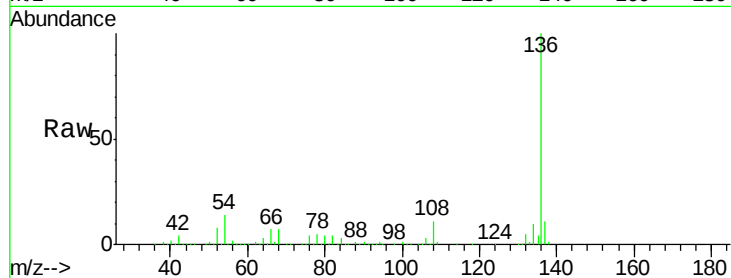




#28
bis(2-Chloroethoxy)methane
Concen: 0.02 ng
RT: 7.97 min Scan# 515
Delta R.T. 0.23 min
Lab File: BF086836.D
Acq: 9 May 2016 22:34

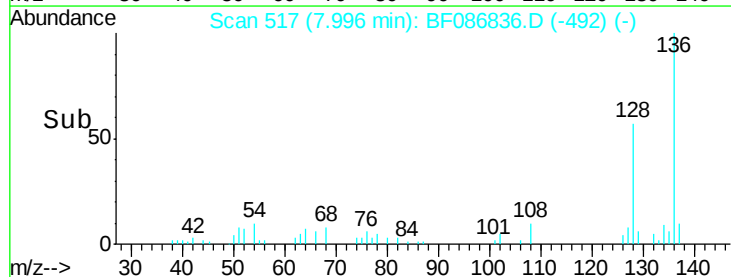
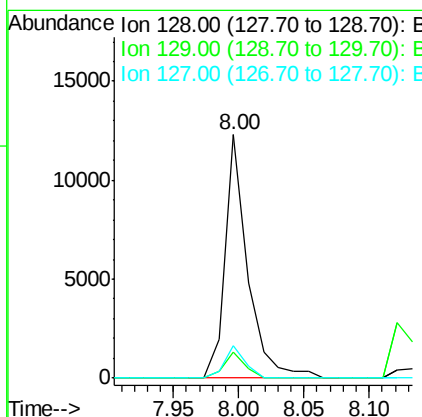
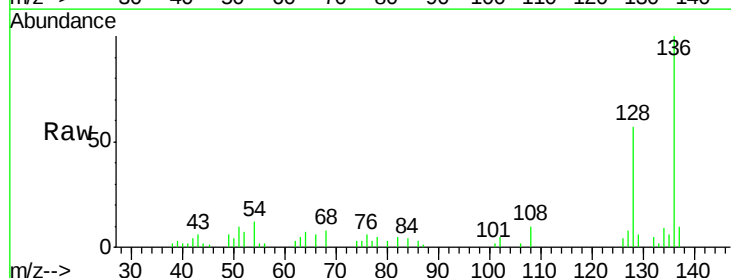
Instrument :
BNA_F
ClientSampleId :
TP2-3-6FT

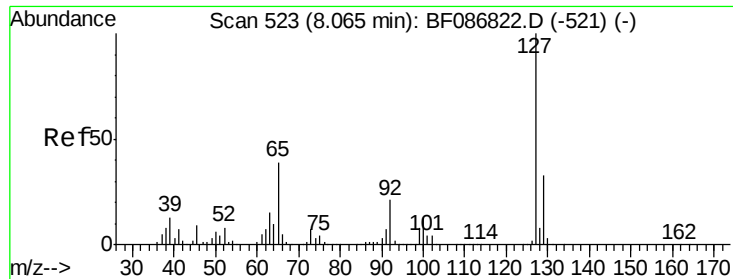
Tgt Ion: 93 Resp: 226
Ion Ratio Lower Upper
93 100
95 209.1 26.0 39.0#
123 0.0 9.5 14.3#



#31
Naphthalene
Concen: 0.46 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF086836.D
Acq: 9 May 2016 22:34

Tgt Ion: 128 Resp: 14874
Ion Ratio Lower Upper
128 100
129 10.6 8.6 13.0
127 13.5 10.8 16.2

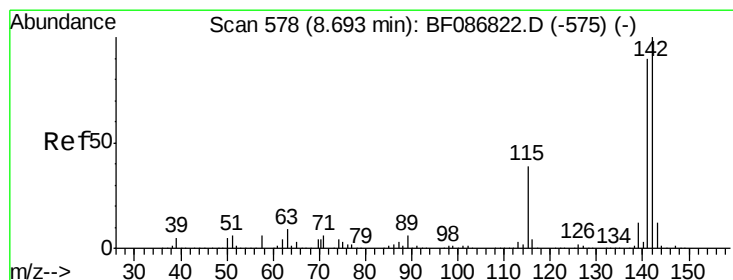
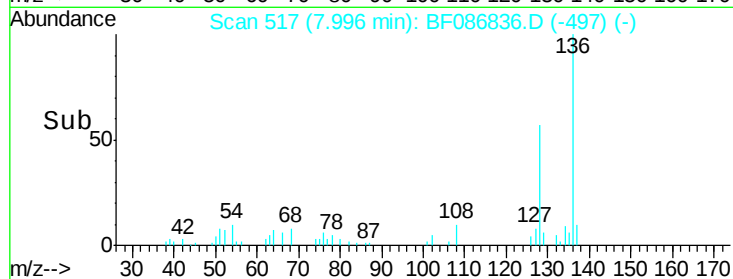
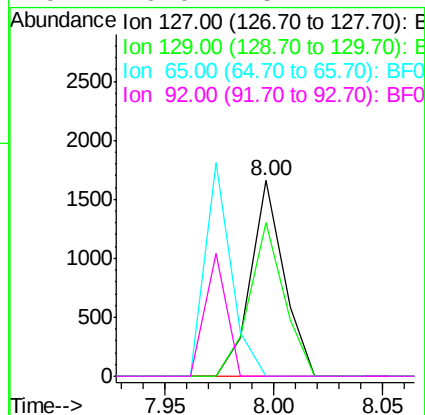
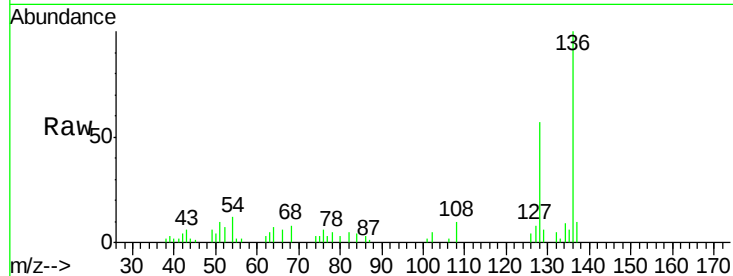




#33
 4-Chloroaniline
 Concen: 0.14 ng
 RT: 8.00 min Scan# 517
 Delta R.T. -0.07 min
 Lab File: BF086836.D
 Acq: 9 May 2016 22:34

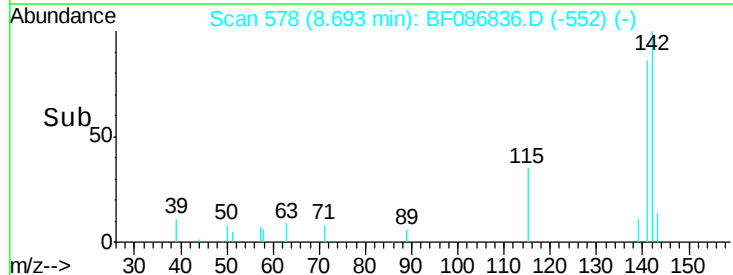
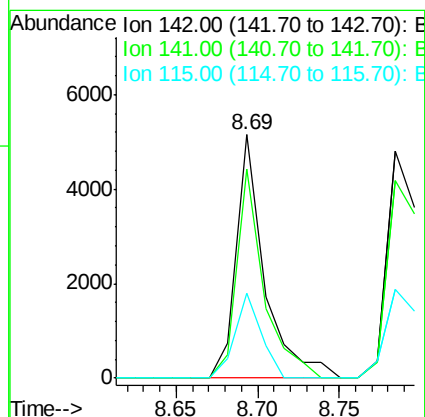
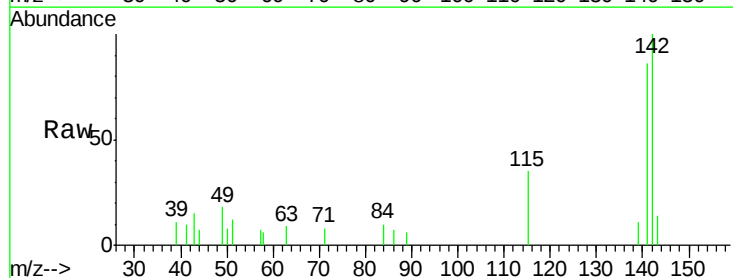
Instrument :
 BNA_F
 ClientSampleId :
 TP2-3-6FT

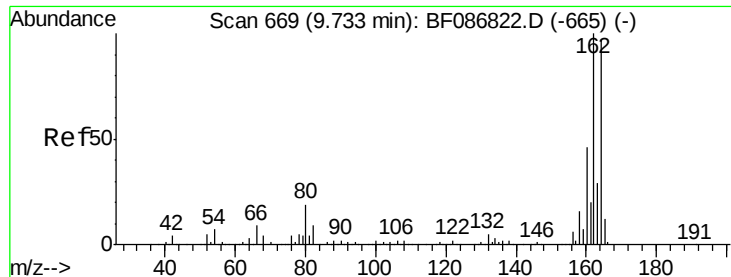
Tgt Ion:	127	Resp:	1767
Ion	Ratio	Lower	Upper
127	100		
129	78.6	26.2	39.4#
65	0.0	23.0	34.4#
92	0.0	15.1	22.7#



#37
 2-Methylnaphthalene
 Concen: 0.32 ng
 RT: 8.69 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: BF086836.D
 Acq: 9 May 2016 22:34

Tgt Ion:	142	Resp:	6169
Ion	Ratio	Lower	Upper
142	100		
141	86.0	71.0	106.6
115	34.7	26.6	39.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF086836.D

Acq: 9 May 2016 22:34

Instrument :

BNA_F

ClientSampleId :

TP2-3-6FT

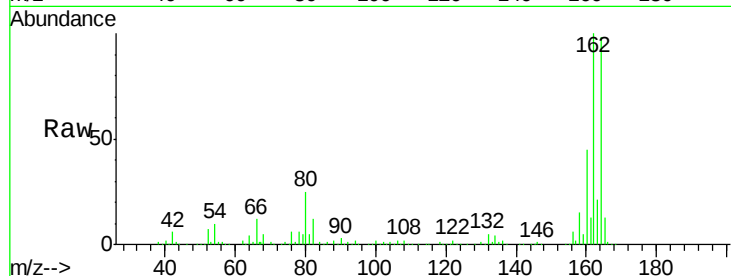
Tgt Ion:164 Resp: 319543

Ion Ratio Lower Upper

164 100

162 102.5 82.8 124.2

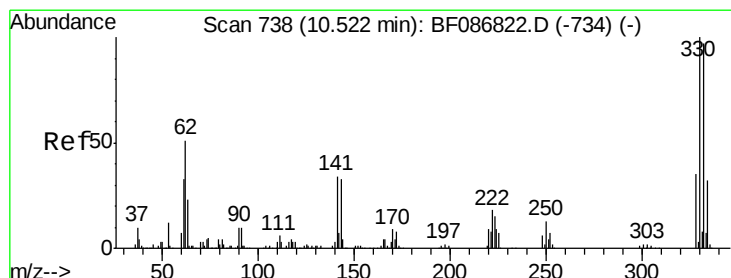
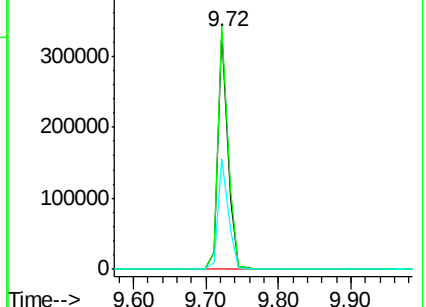
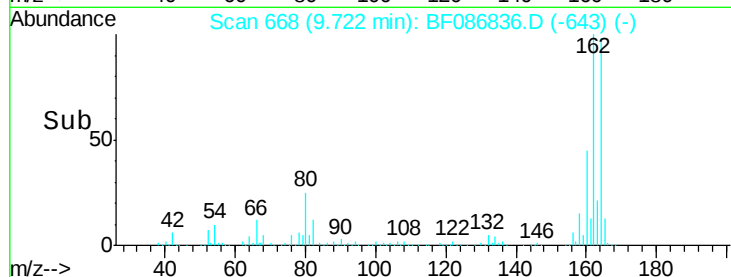
160 46.3 36.9 55.3



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: 90.37 ng

RT: 10.52 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF086836.D

Acq: 9 May 2016 22:34

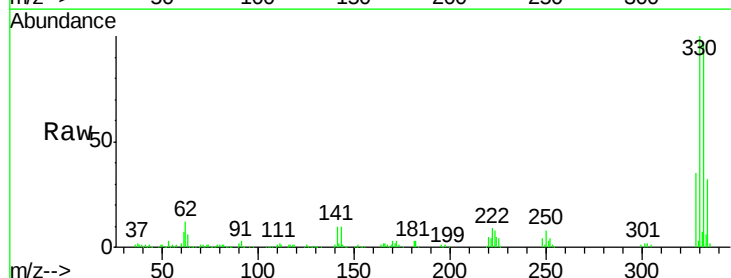
Tgt Ion:330 Resp: 305711

Ion Ratio Lower Upper

330 100

332 97.7 79.0 118.4

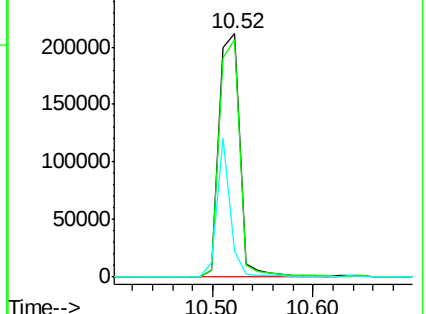
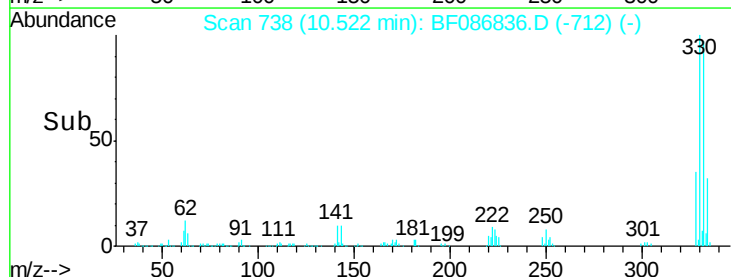
141 37.0 31.2 46.8

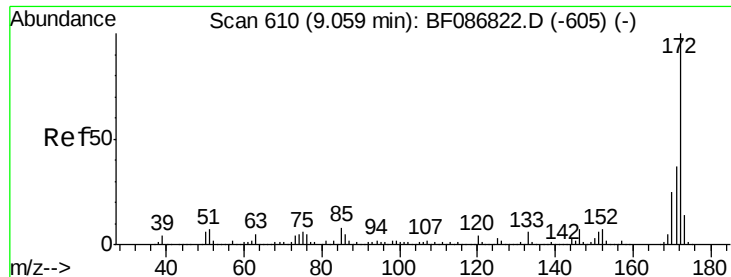


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

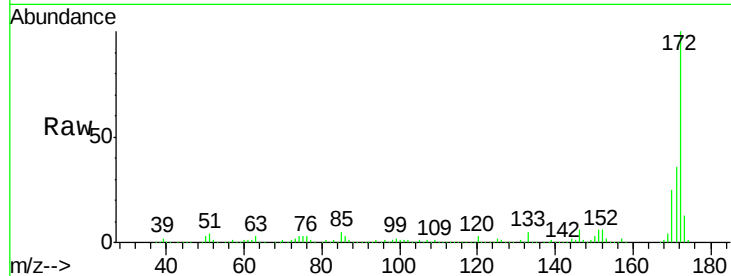




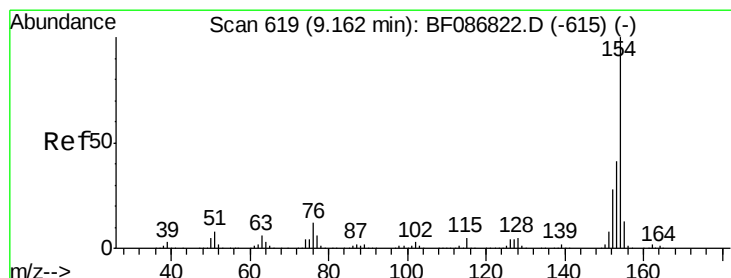
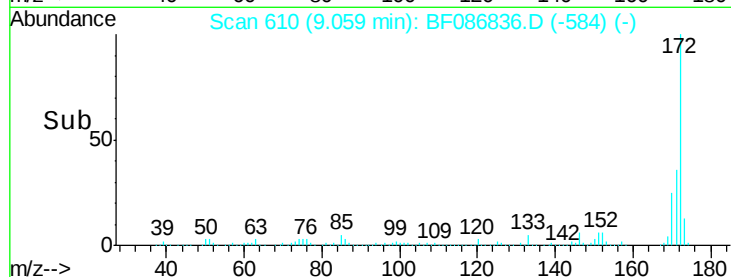
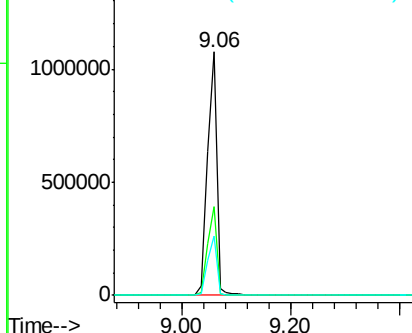
#44
 2-Fluorobiphenyl
 Concen: 66.30 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF086836.D
 Acq: 9 May 2016 22:34

Instrument :
 BNA_F
 ClientSampleId :
 TP2-3-6FT

Tgt Ion:172 Resp: 1260645
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.0 43.6
 170 24.5 19.8 29.8

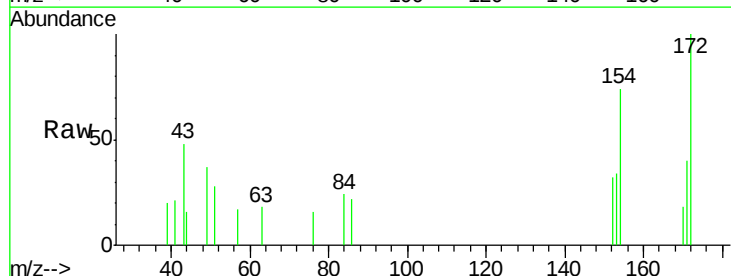


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

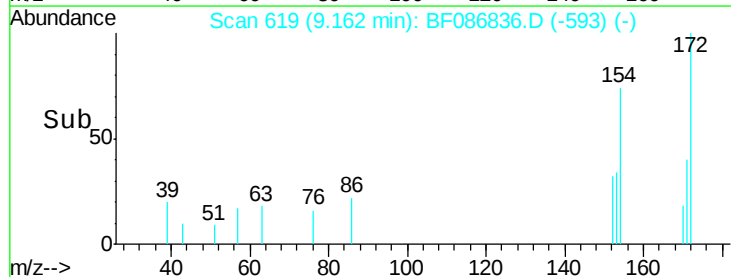
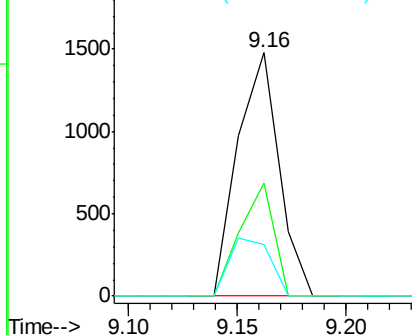


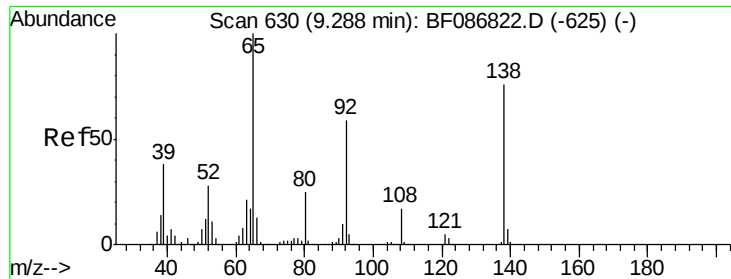
#45
 1,1'-Biphenyl
 Concen: 0.08 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF086836.D
 Acq: 9 May 2016 22:34

Tgt Ion:154 Resp: 1953
 Ion Ratio Lower Upper
 154 100
 153 46.4 20.3 60.3
 76 21.0 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): BF0

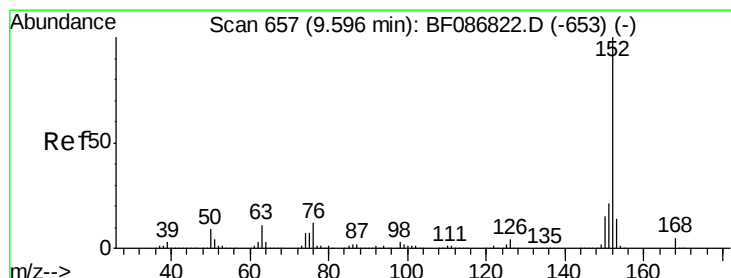
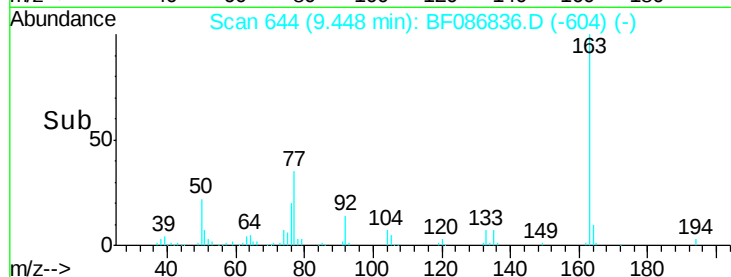
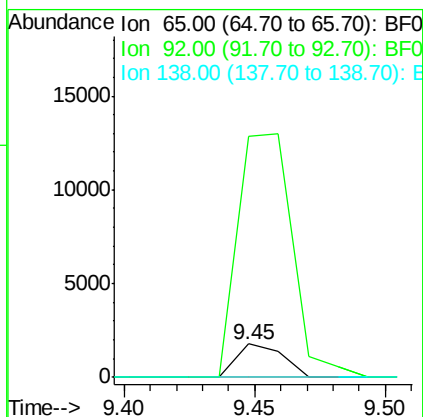
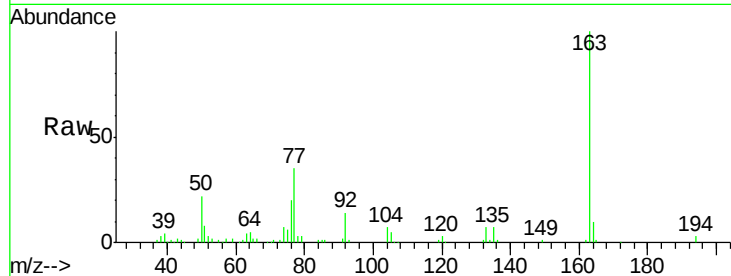




#47
2-Nitroaniline
Concen: 0.30 ng
RT: 9.45 min Scan# 644
Delta R.T. 0.16 min
Lab File: BF086836.D
Acq: 9 May 2016 22:34

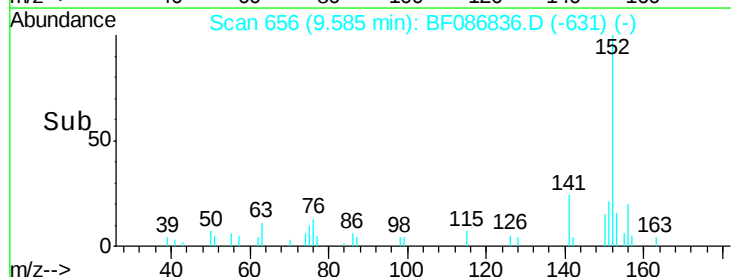
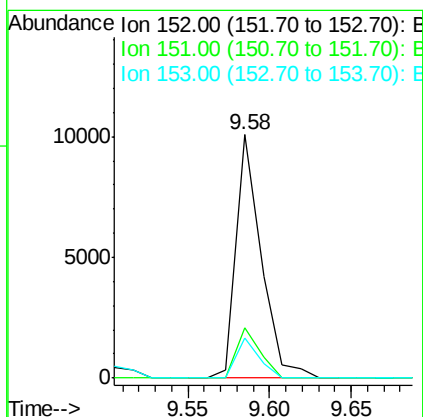
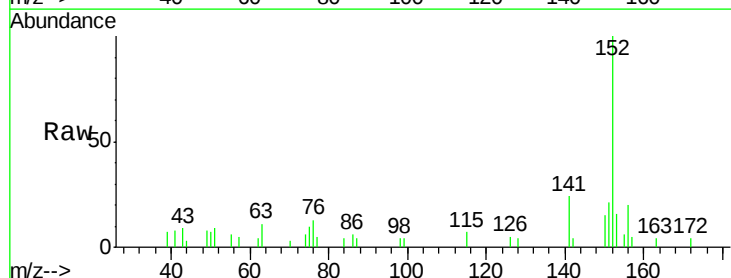
Instrument :
BNA_F
ClientSampleId :
TP2-3-6FT

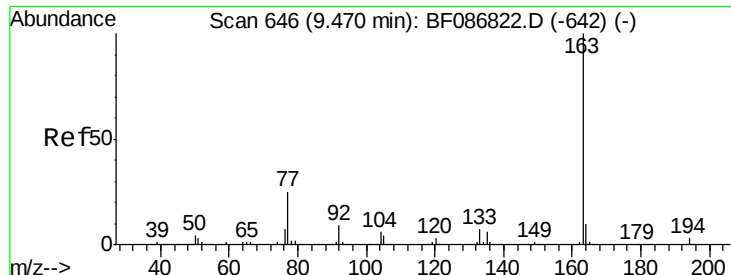
Tgt Ion: 65 Resp: 2168
Ion Ratio Lower Upper
65 100
92 720.9 57.4 86.2#
138 0.0 90.1 135.1#



#48
Acenaphthylene
Concen: 0.36 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF086836.D
Acq: 9 May 2016 22:34

Tgt Ion: 152 Resp: 10681
Ion Ratio Lower Upper
152 100
151 20.5 16.8 25.2
153 16.4 10.9 16.3#





#49

Dimethylphthalate

Concen: 8.02 ng

RT: 9.46 min Scan# 645

Delta R.T. -0.01 min

Lab File: BF086836.D

Acq: 9 May 2016 22:34

Instrument :

BNA_F

ClientSampleId :

TP2-3-6FT

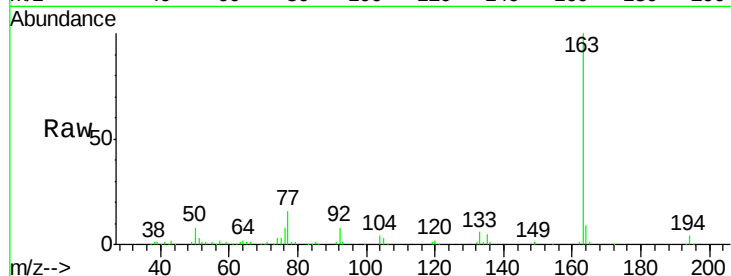
Tgt Ion:163 Resp: 195589

Ion Ratio Lower Upper

163 100

194 3.9 2.6 4.0

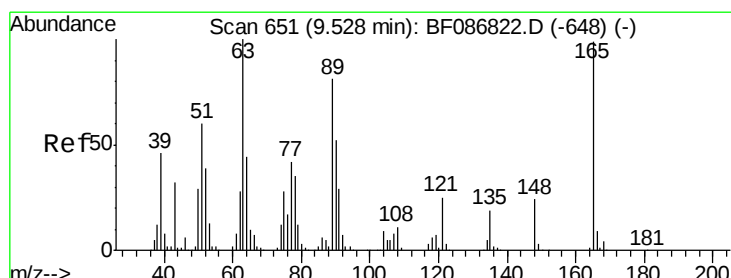
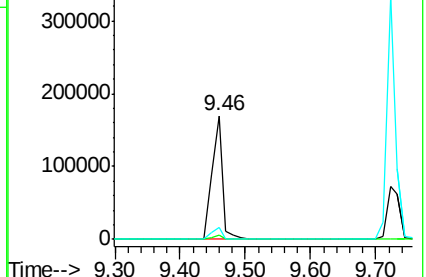
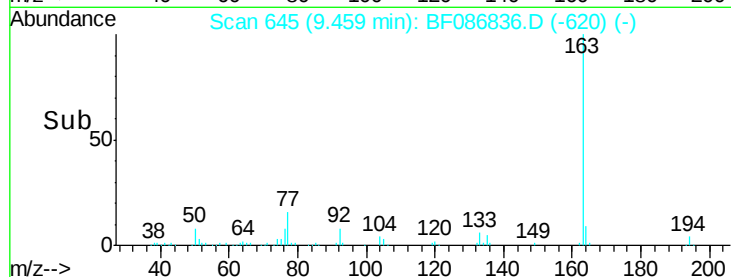
164 9.4 8.2 12.4



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: 0.35 ng

RT: 9.46 min Scan# 645

Delta R.T. -0.07 min

Lab File: BF086836.D

Acq: 9 May 2016 22:34

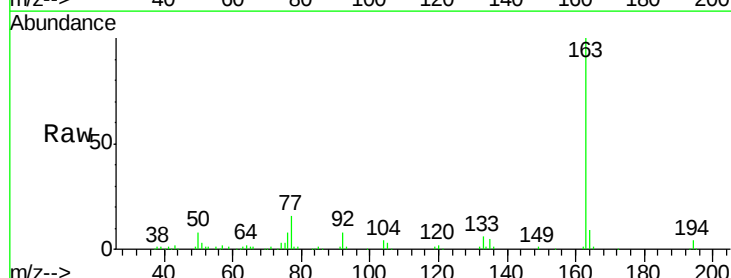
Tgt Ion:165 Resp: 1778

Ion Ratio Lower Upper

165 100

63 160.6 51.8 77.8#

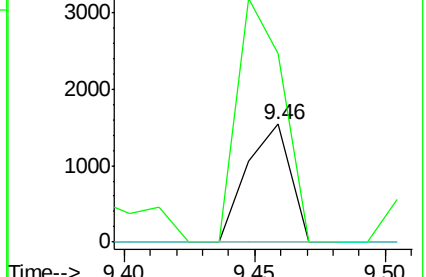
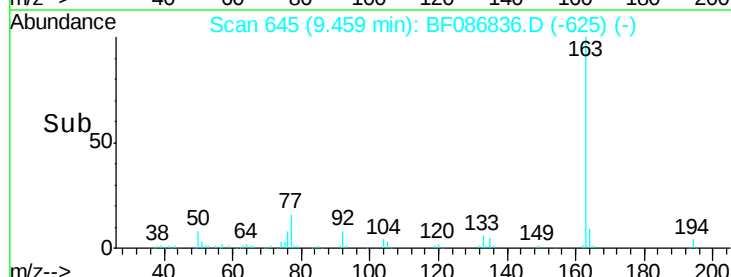
89 0.0 50.7 76.1#

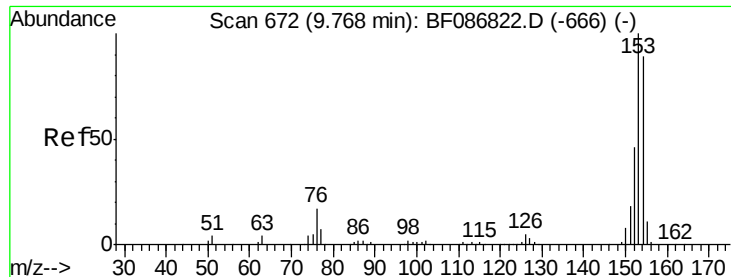


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 0.95 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF086836.D

Acq: 9 May 2016 22:34

Instrument :

BNA_F

ClientSampleId :

TP2-3-6FT

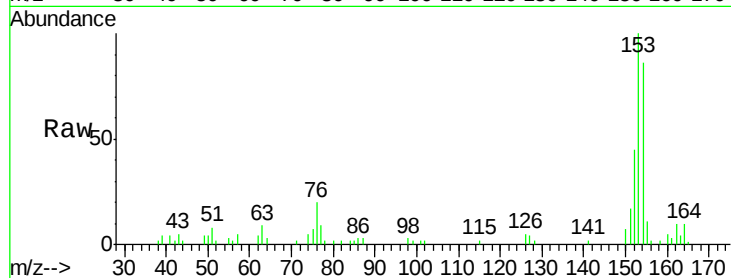
Tgt Ion:154 Resp: 17307

Ion Ratio Lower Upper

154 100

153 116.4 89.8 134.6

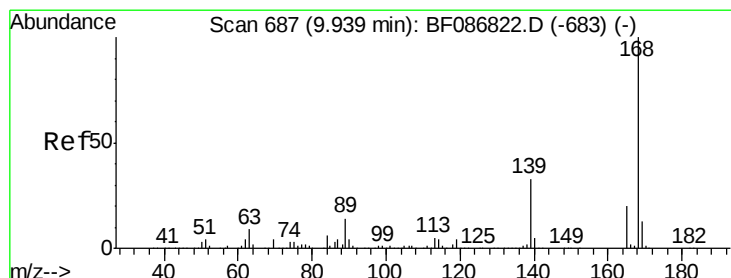
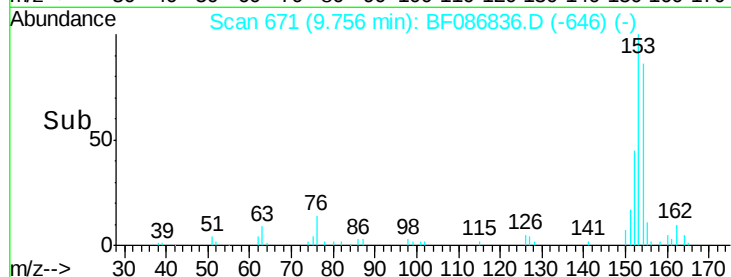
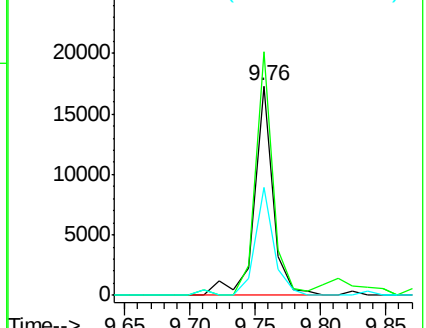
152 51.9 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 0.74 ng

RT: 9.94 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF086836.D

Acq: 9 May 2016 22:34

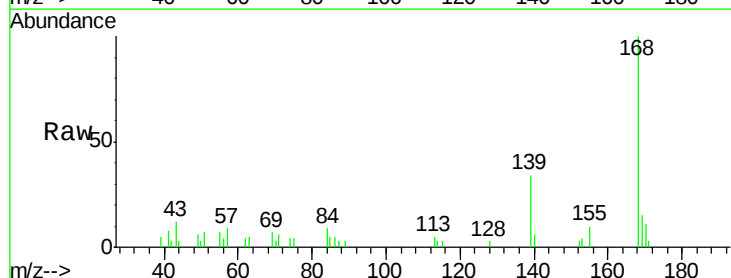
Tgt Ion:168 Resp: 17227

Ion Ratio Lower Upper

168 100

139 34.4 31.4 47.0

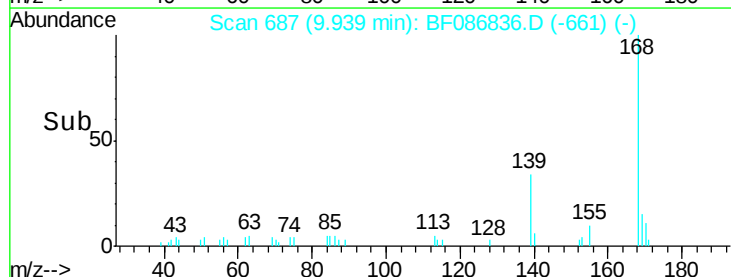
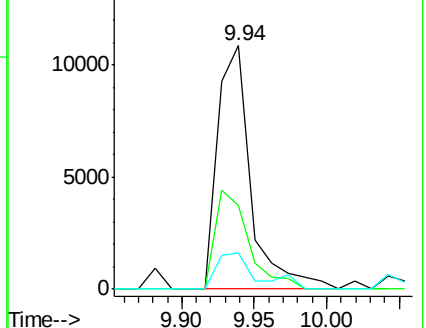
169 14.8 10.7 16.1

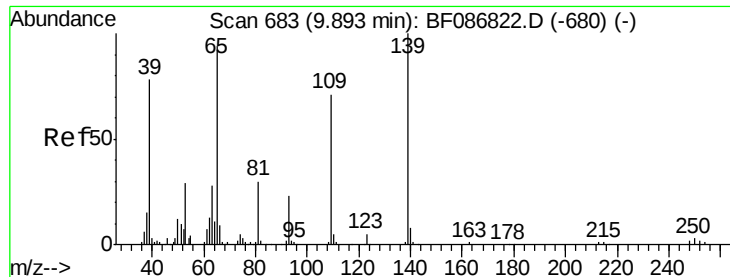


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 6.41 ng

RT: 9.93 min Scan# 686

Delta R.T. 0.03 min

Lab File: BF086836.D

Acq: 9 May 2016 22:34

Instrument :

BNA_F

ClientSampleId :

TP2-3-6FT

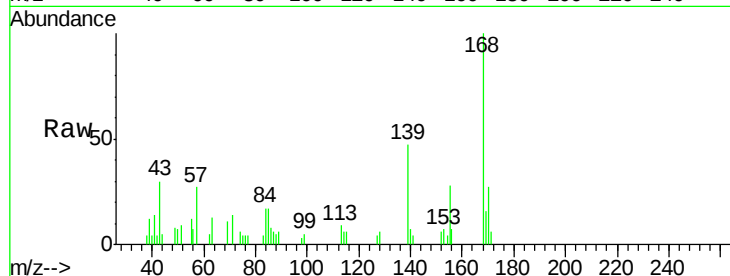
Tgt Ion:139 Resp: 7050

Ion Ratio Lower Upper

139 100

109 0.0 36.9 76.9#

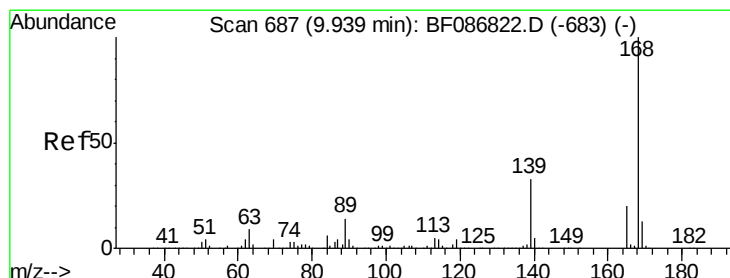
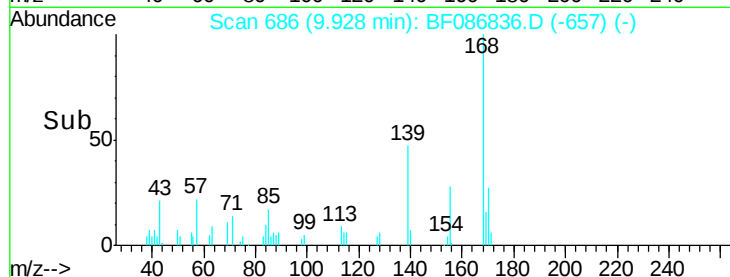
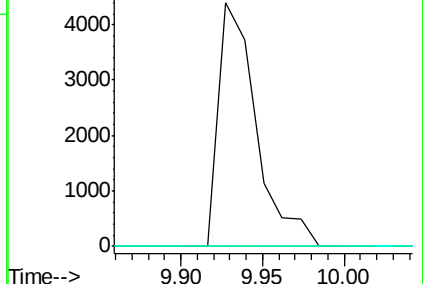
65 0.0 64.0 104.0#



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: 6.58 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.22 min

Lab File: BF086836.D

Acq: 9 May 2016 22:34

Tgt Ion:165 Resp: 41804

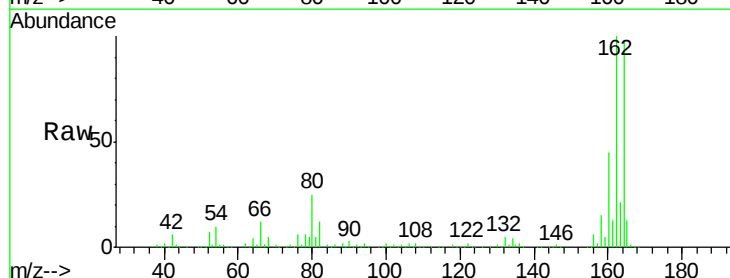
Ion Ratio Lower Upper

165 100

63 2.0 44.3 66.5#

89 2.0 70.0 105.0#

182 0.0 1.8 2.6#

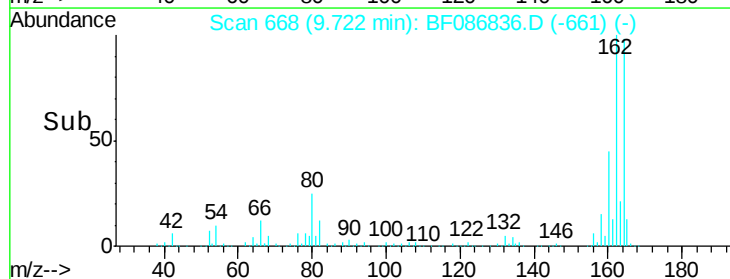
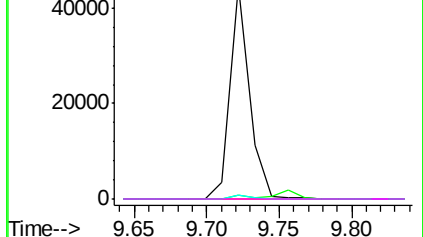


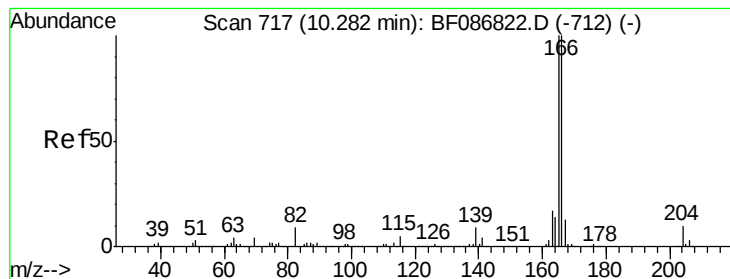
Abundance Ion 165.00 (164.70 to 165.70): E

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: 1.09 ng

RT: 10.27 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF086836.D

Acq: 9 May 2016 22:34

Instrument :

BNA_F

ClientSampleId :

TP2-3-6FT

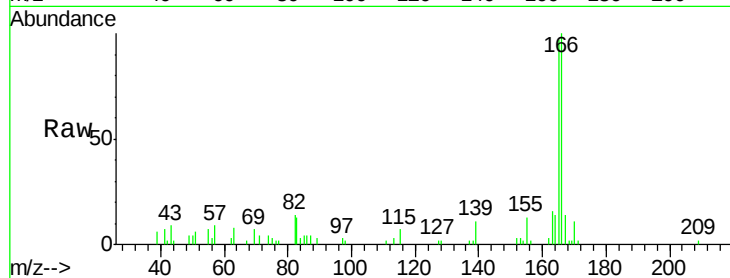
Tgt Ion:166 Resp: 21768

Ion Ratio Lower Upper

166 100

165 97.1 79.0 118.6

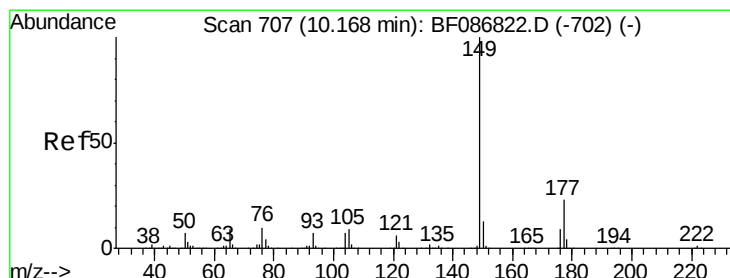
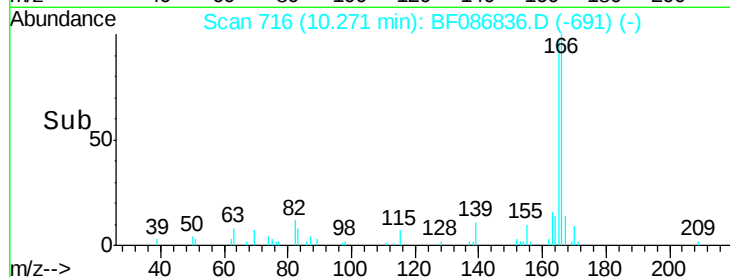
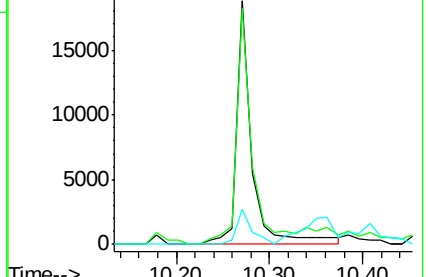
167 14.3 10.6 15.8



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: 0.09 ng

RT: 10.16 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF086836.D

Acq: 9 May 2016 22:34

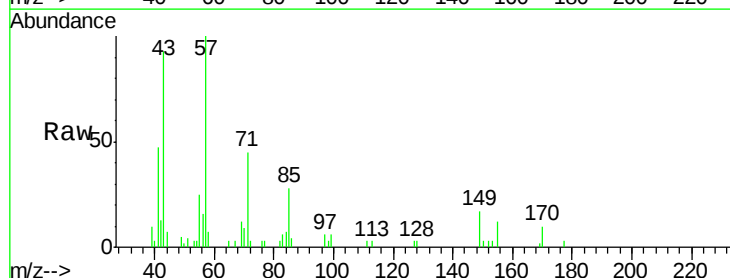
Tgt Ion:149 Resp: 2075

Ion Ratio Lower Upper

149 100

177 19.7 16.6 24.8

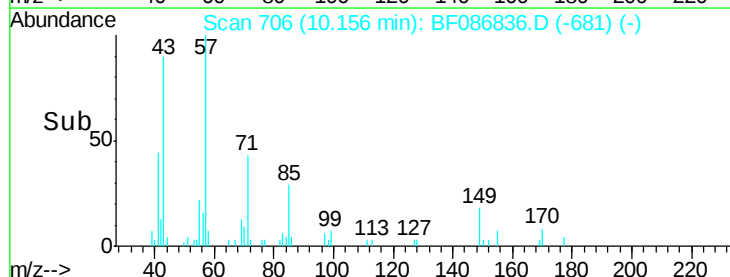
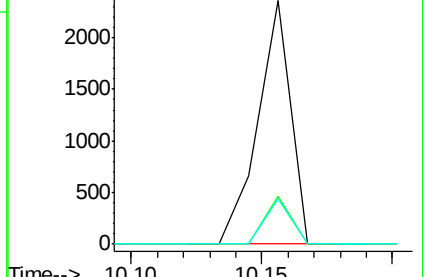
150 18.4 10.0 15.0#

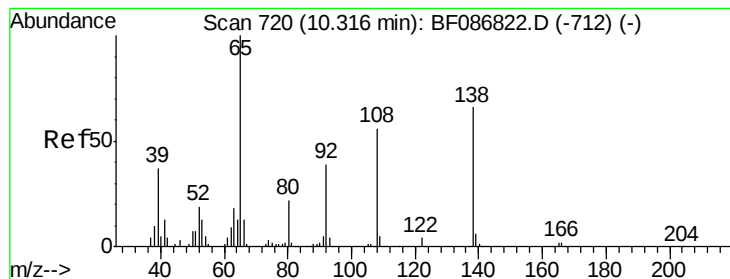


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#61

4-Nitroaniline

Concen: 0.04 ng

RT: 10.27 min Scan# 716

Delta R.T. -0.05 min

Lab File: BF086836.D

Acq: 9 May 2016 22:34

Instrument :

BNA_F

ClientSampleId :

TP2-3-6FT

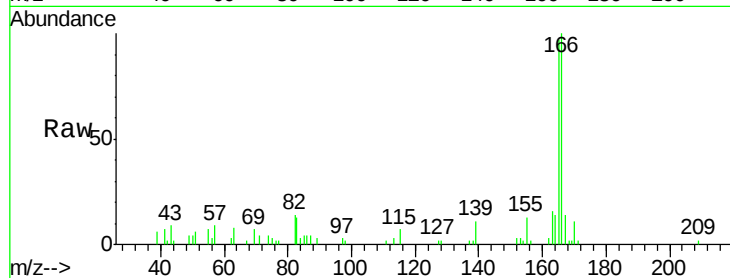
Tgt Ion:138 Resp: 219

Ion Ratio Lower Upper

138 100

92 0.0 24.7 64.7#

108 0.0 37.4 77.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E

10.27

300

200

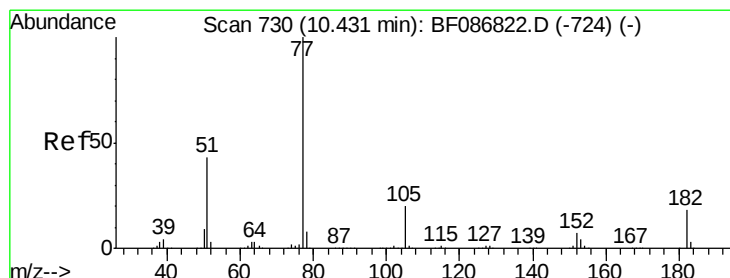
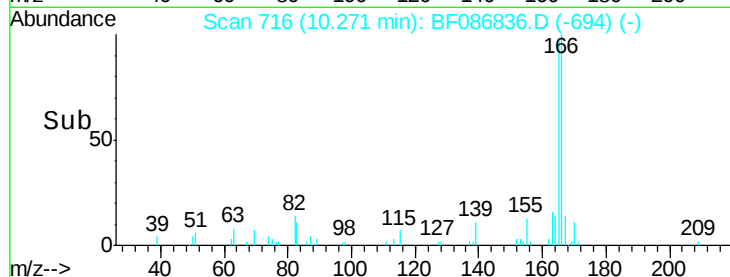
100

0

10.25

10.30

Time-->



#62

Azobenzene

Concen: 0.04 ng

RT: 10.43 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF086836.D

Acq: 9 May 2016 22:34

Tgt Ion: 77 Resp: 1003

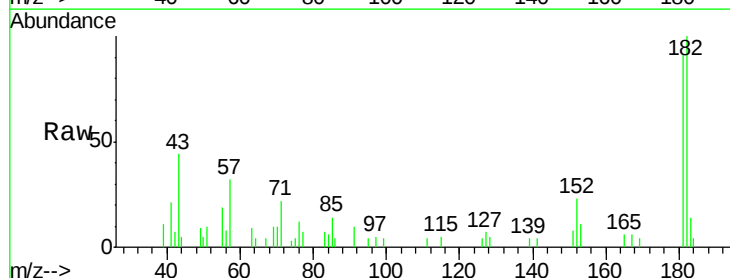
Ion Ratio Lower Upper

77 100

182 1404.5 0.0 38.8#

105 0.0 3.2 43.2#

51 141.0 8.8 48.8#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

10000

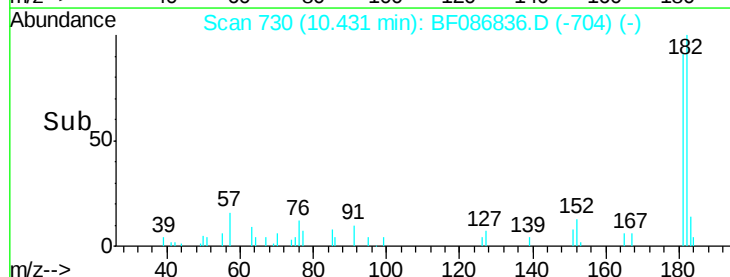
5000

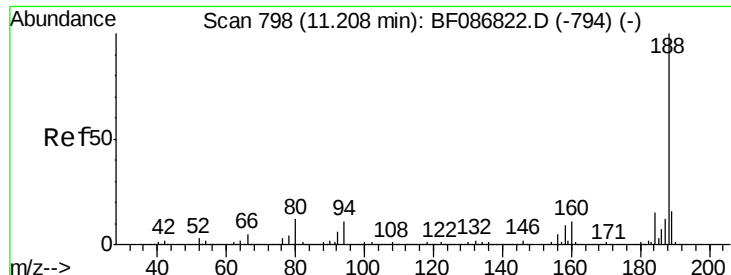
0

10.40

10.45

Time-->

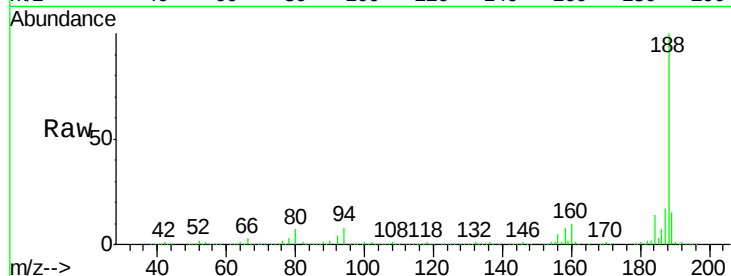




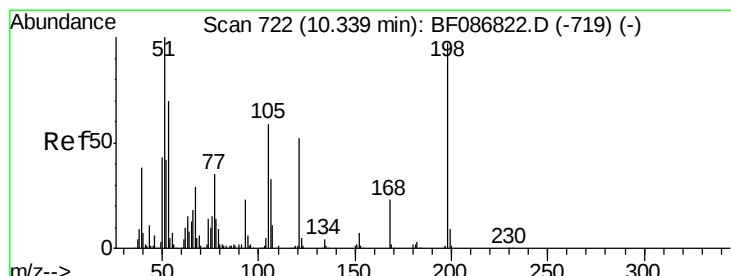
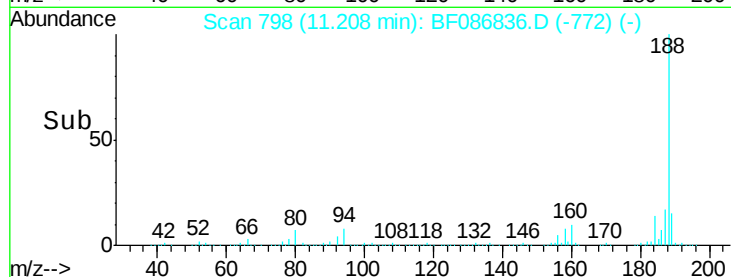
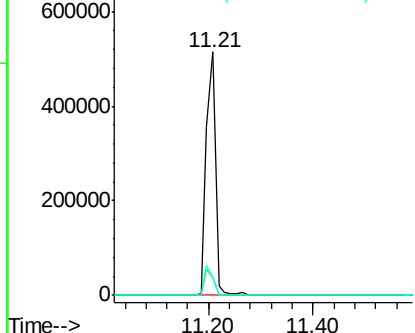
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF086836.D
Acq: 9 May 2016 22:34

Instrument :
BNA_F
ClientSampleId :
TP2-3-6FT

Tgt Ion:188 Resp: 635558
Ion Ratio Lower Upper
188 100
94 7.6 6.8 10.2
80 7.4 7.1 10.7

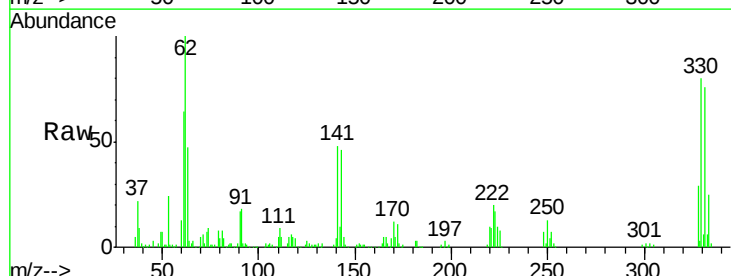


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

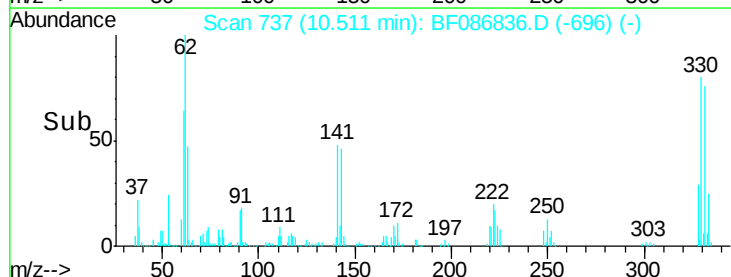
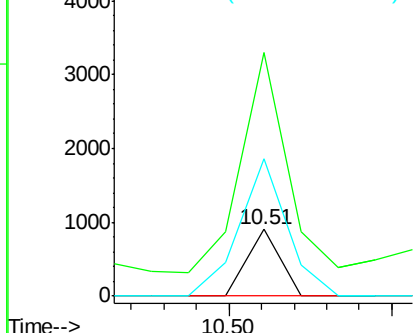


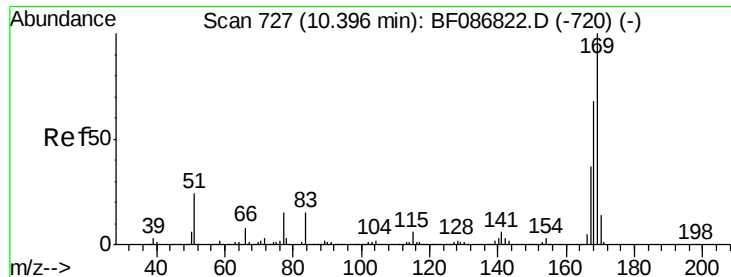
#64
4,6-Dinitro-2-methylphenol
Concen: 0.16 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.17 min
Lab File: BF086836.D
Acq: 9 May 2016 22:34

Tgt Ion:198 Resp: 619
Ion Ratio Lower Upper
198 100
51 365.7 20.5 60.5#
105 207.0 24.5 64.5#



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





#65

n-Nitrosodiphenylamine

Concen: 0.07 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF086836.D

Acq: 9 May 2016 22:34

Instrument :

BNA_F

ClientSampleId :

TP2-3-6FT

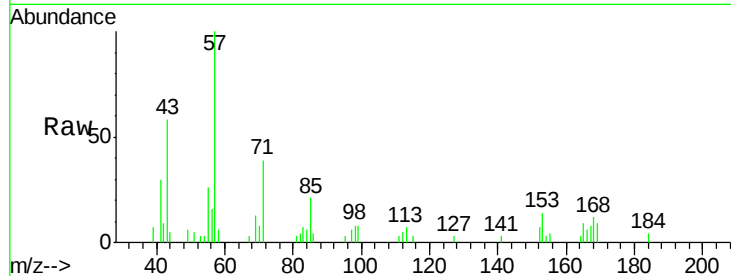
Tgt Ion:169 Resp: 1296

Ion Ratio Lower Upper

169 100

168 124.5 53.8 80.6#

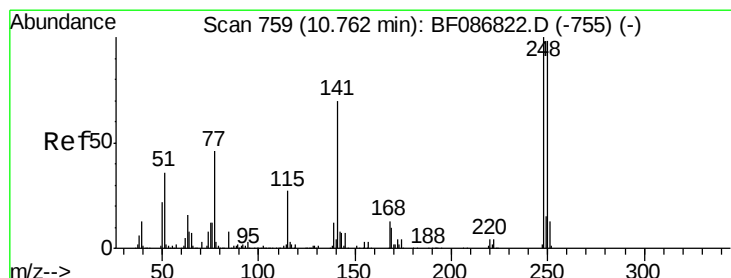
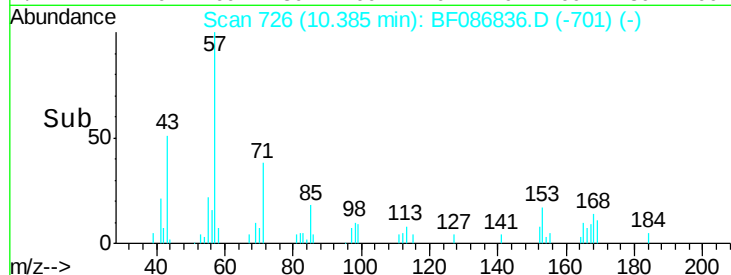
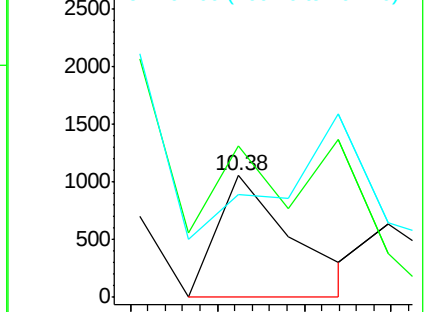
167 83.8 29.5 44.3#



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: 2.92 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.25 min

Lab File: BF086836.D

Acq: 9 May 2016 22:34

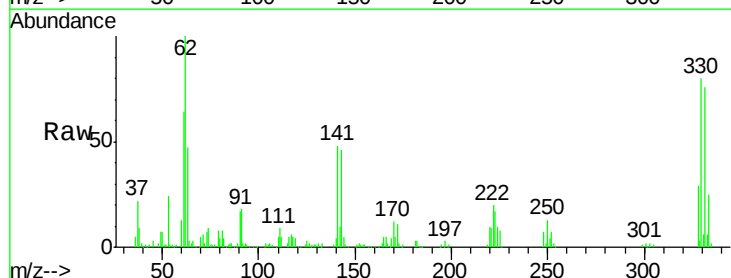
Tgt Ion:248 Resp: 18823

Ion Ratio Lower Upper

248 100

250 190.3 78.6 117.8#

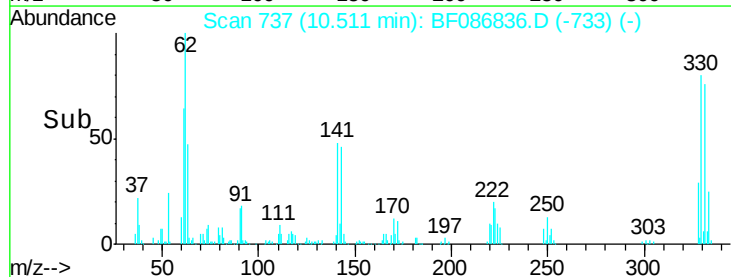
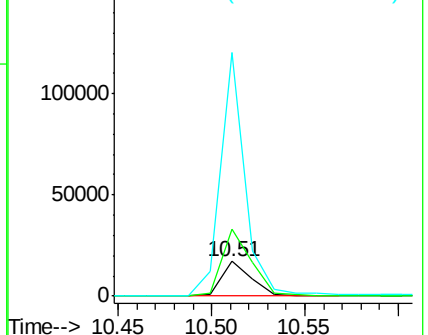
141 698.0 76.0 114.0#

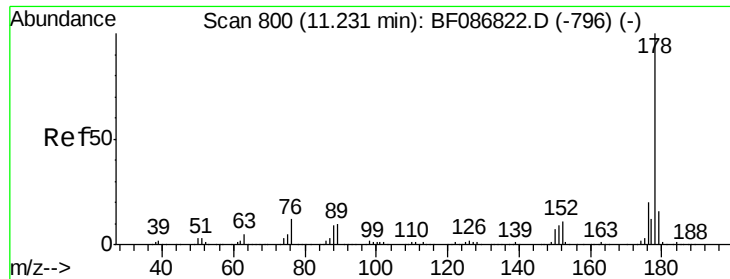


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#70

Phenanthrene

Concen: 7.06 ng

RT: 11.23 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF086836.D

Acq: 9 May 2016 22:34

Instrument :

BNA_F

ClientSampleId :

TP2-3-6FT

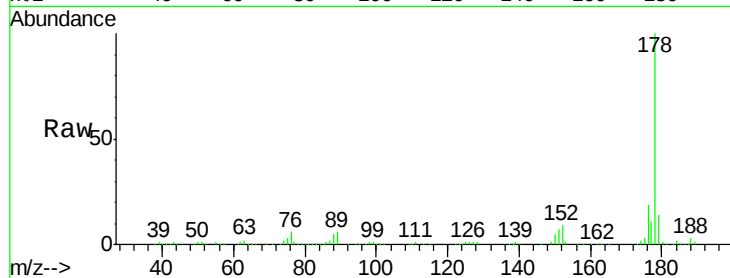
Tgt Ion:178 Resp: 239586

Ion Ratio Lower Upper

178 100

176 18.8 16.0 24.0

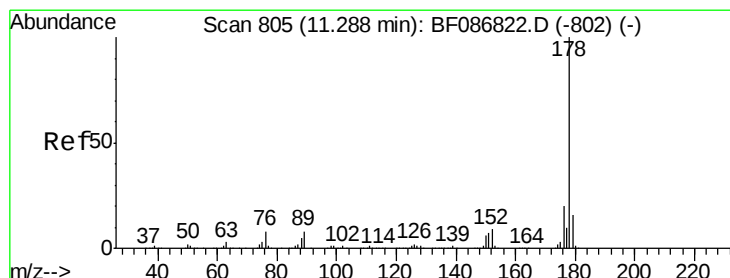
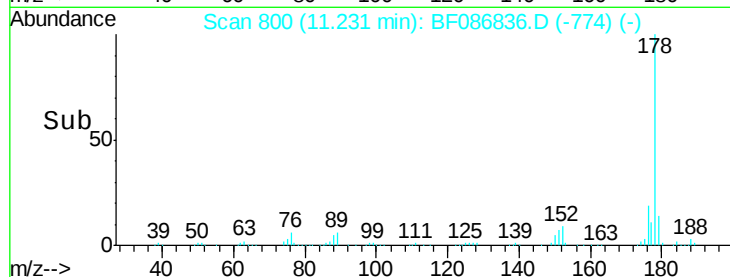
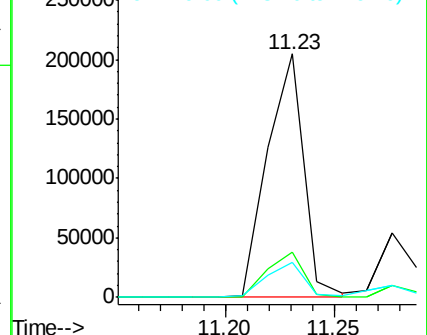
179 14.4 12.6 18.8



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: 1.95 ng

RT: 11.28 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF086836.D

Acq: 9 May 2016 22:34

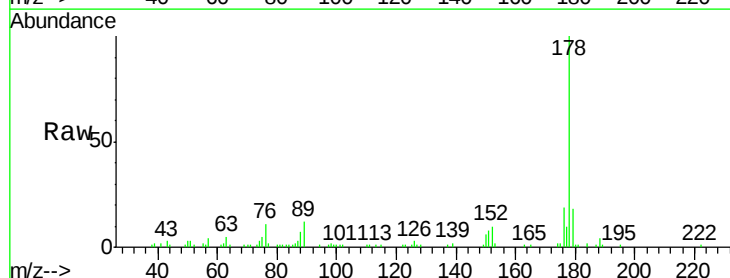
Tgt Ion:178 Resp: 67524

Ion Ratio Lower Upper

178 100

176 18.7 15.6 23.4

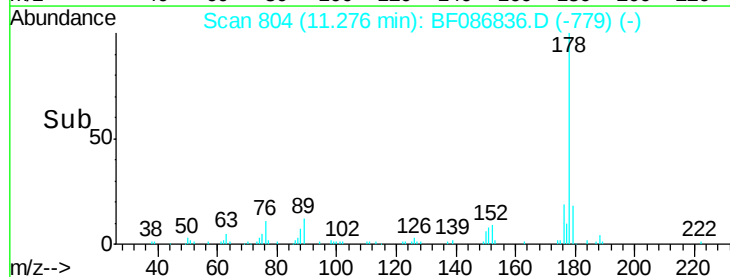
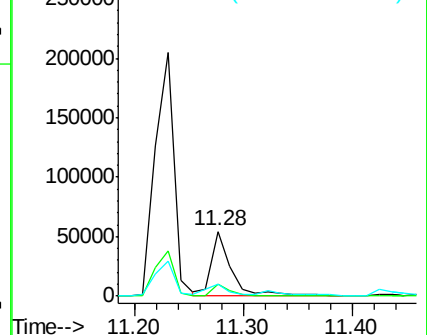
179 18.2 12.7 19.1

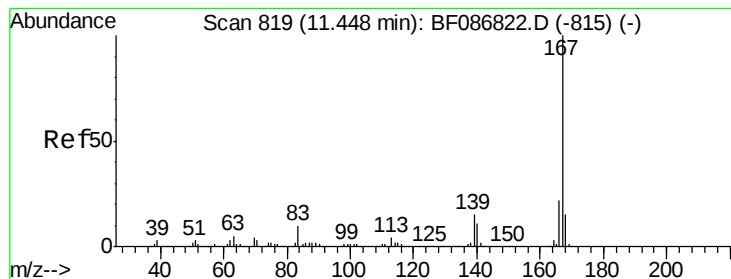


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 0.84 ng

RT: 11.45 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF086836.D

Acq: 9 May 2016 22:34

Instrument :

BNA_F

ClientSampleId :

TP2-3-6FT

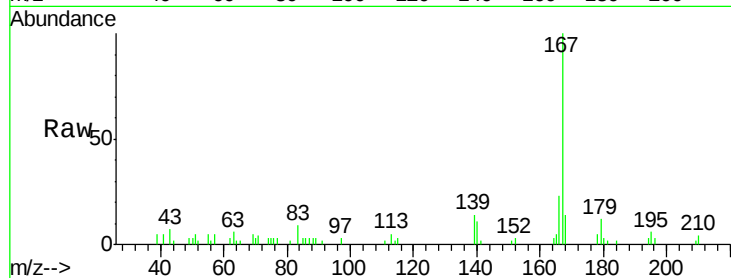
Tgt Ion:167 Resp: 24944

Ion Ratio Lower Upper

167 100

166 22.9 17.7 26.5

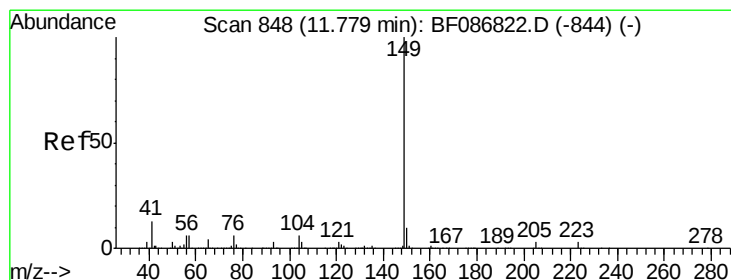
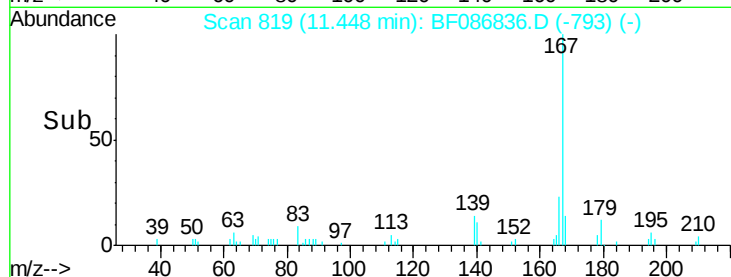
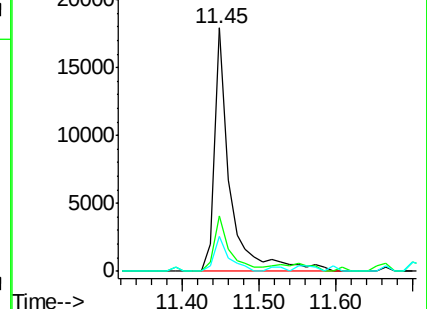
139 14.4 10.8 16.2



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: 0.09 ng

RT: 11.78 min Scan# 848

Delta R.T. 0.00 min

Lab File: BF086836.D

Acq: 9 May 2016 22:34

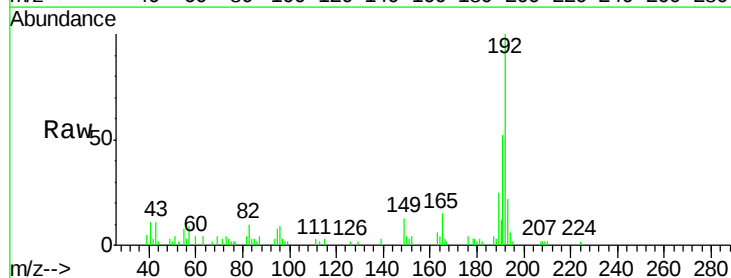
Tgt Ion:149 Resp: 3264

Ion Ratio Lower Upper

149 100

150 33.2 7.6 11.4#

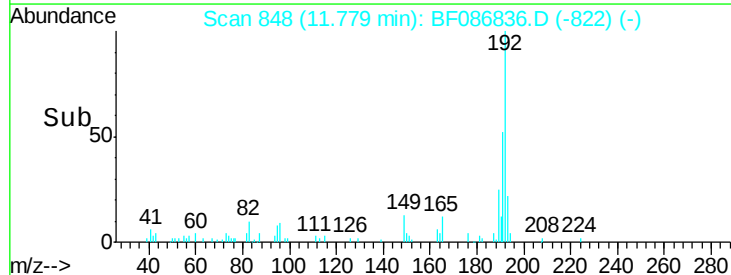
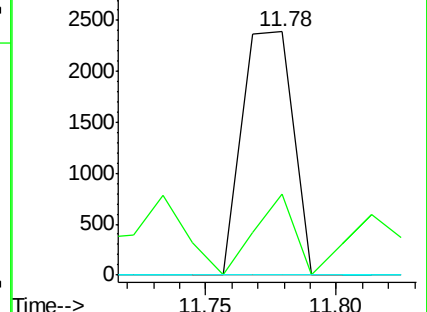
104 0.0 3.8 5.6#

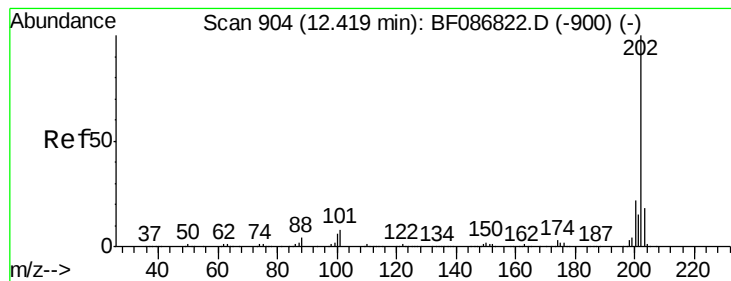


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 7.71 ng

RT: 12.41 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF086836.D

Acq: 9 May 2016 22:34

Instrument :

BNA_F

ClientSampleId :

TP2-3-6FT

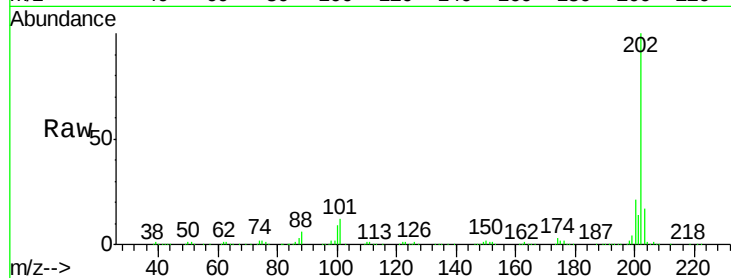
Tgt Ion:202 Resp: 268910

Ion Ratio Lower Upper

202 100

101 11.9 0.0 35.4

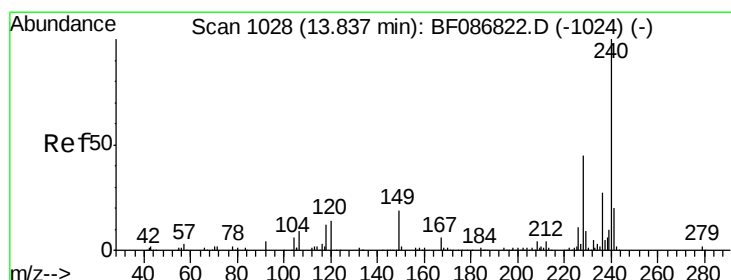
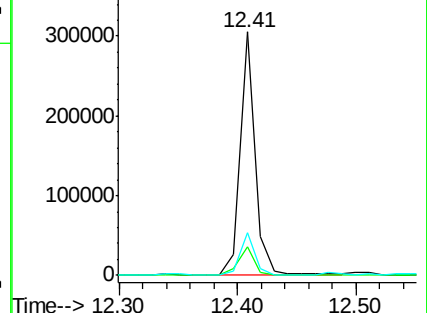
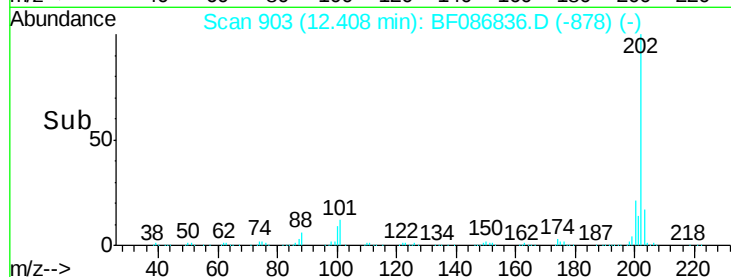
203 17.3 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF086836.D

Acq: 9 May 2016 22:34

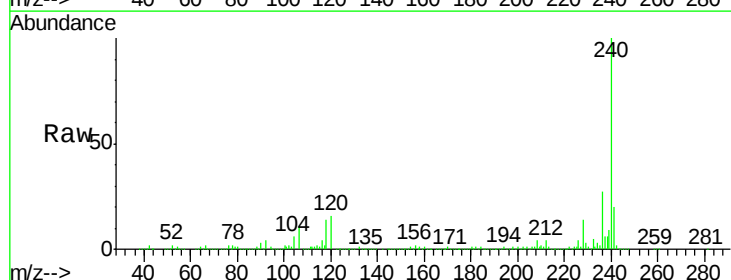
Tgt Ion:240 Resp: 476009

Ion Ratio Lower Upper

240 100

120 15.8 11.2 16.8

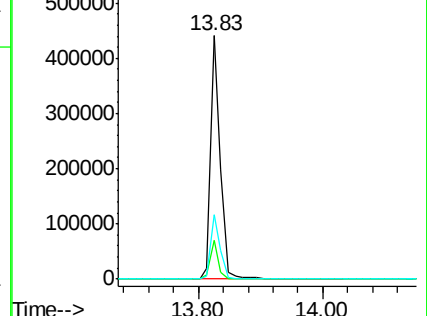
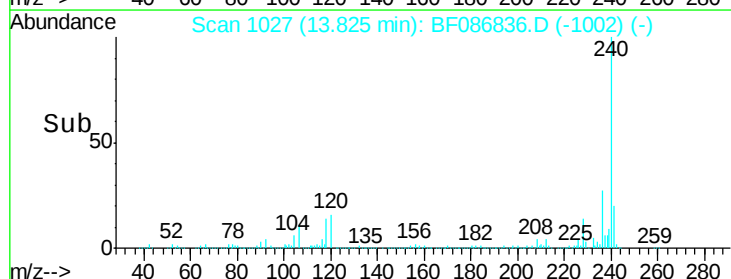
236 26.6 21.2 31.8

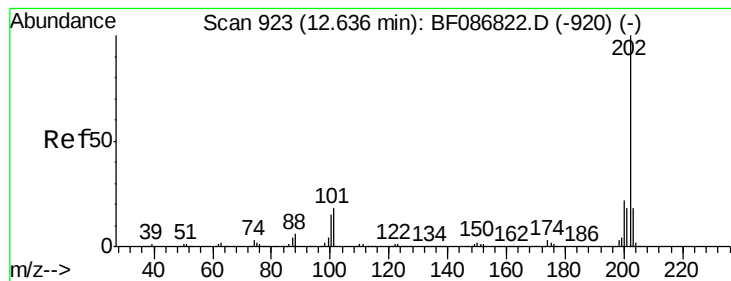


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 6.37 ng

RT: 12.64 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF086836.D

Acq: 9 May 2016 22:34

Instrument :

BNA_F

ClientSampleId :

TP2-3-6FT

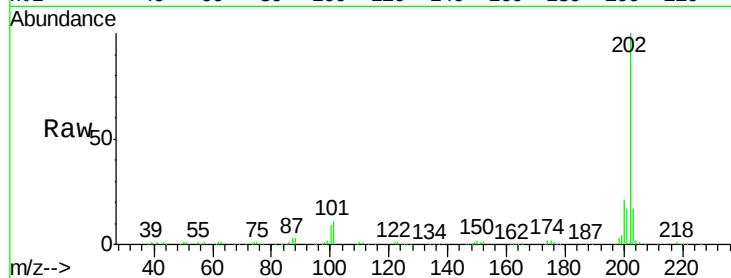
Tgt Ion:202 Resp: 232274

Ion Ratio Lower Upper

202 100

200 21.2 17.7 26.5

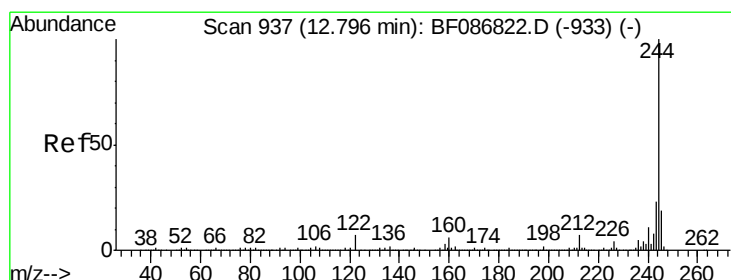
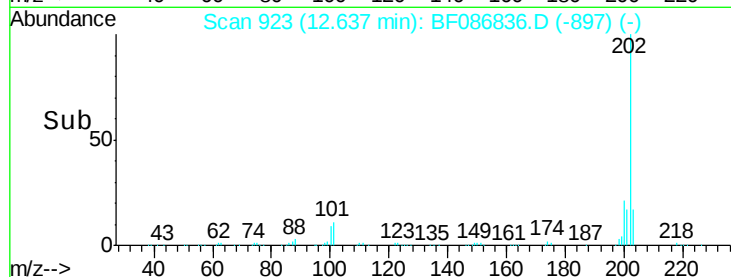
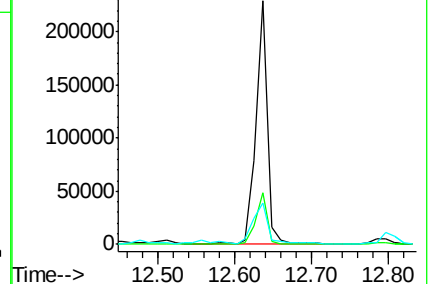
203 17.1 14.2 21.4



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: 60.88 ng

RT: 12.79 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF086836.D

Acq: 9 May 2016 22:34

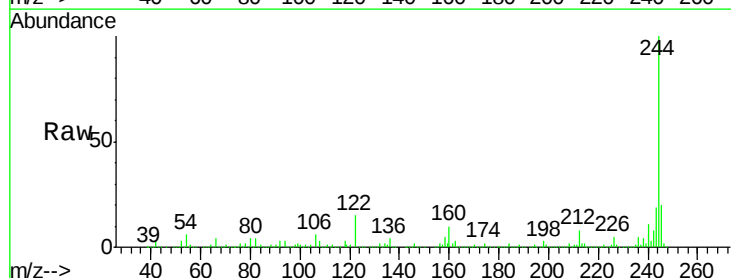
Tgt Ion:244 Resp: 1365768

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

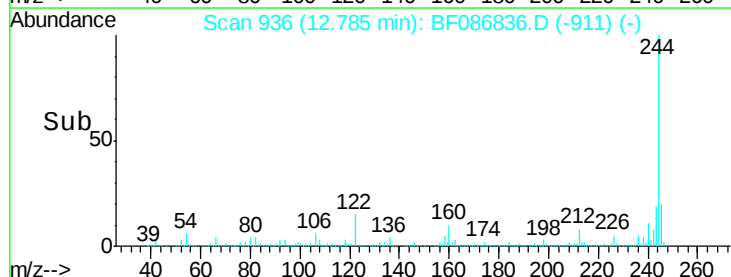
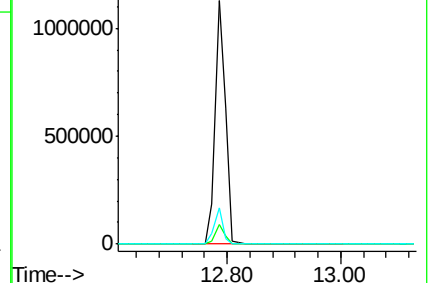
122 15.1 12.0 18.0

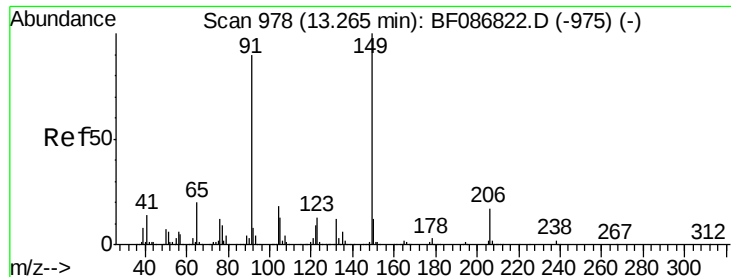


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

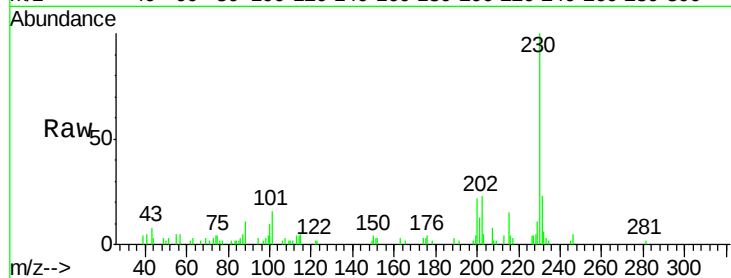




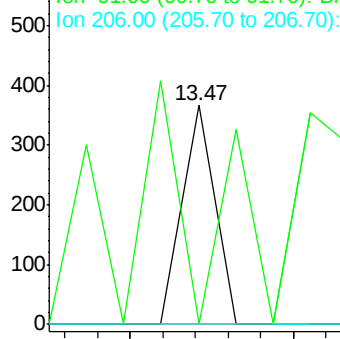
#79
Butylbenzylphthalate
Concen: 0.02 ng
RT: 13.47 min Scan# 996
Delta R.T. 0.21 min
Lab File: BF086836.D
Acq: 9 May 2016 22:34

Instrument :
BNA_F
ClientSampled :
TP2-3-6FT

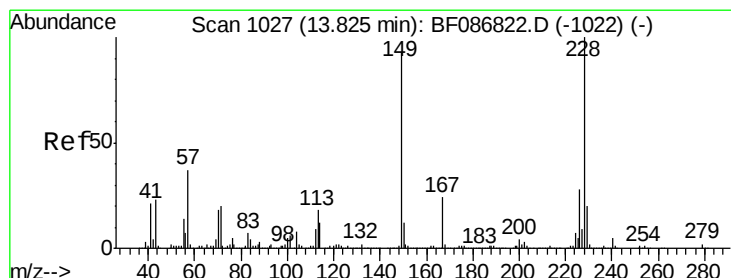
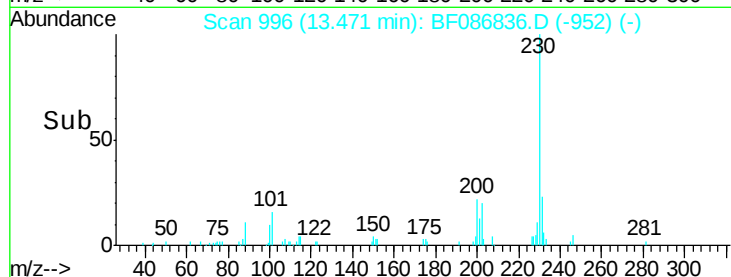
Tgt Ion:149 Resp: 252
Ion Ratio Lower Upper
149 100
91 0.0 48.0 72.0#
206 0.0 15.8 23.6#



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

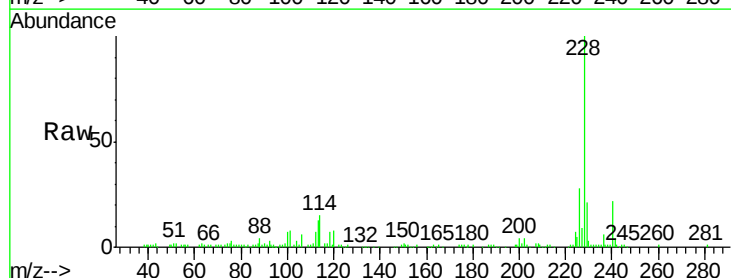


Time-->

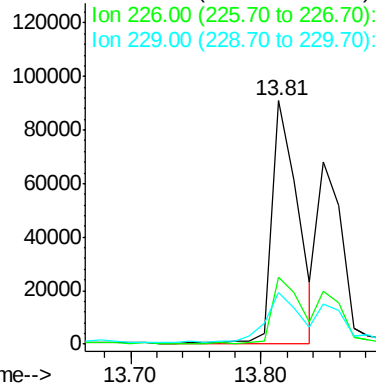


#80
Benzo(a)anthracene
Concen: 4.71 ng
RT: 13.81 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF086836.D
Acq: 9 May 2016 22:34

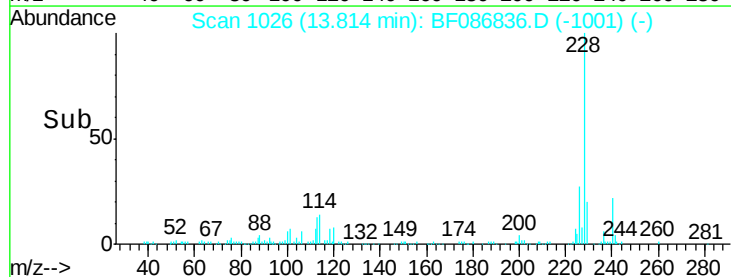
Tgt Ion:228 Resp: 125738
Ion Ratio Lower Upper
228 100
226 27.7 22.5 33.7
229 21.1 16.6 25.0

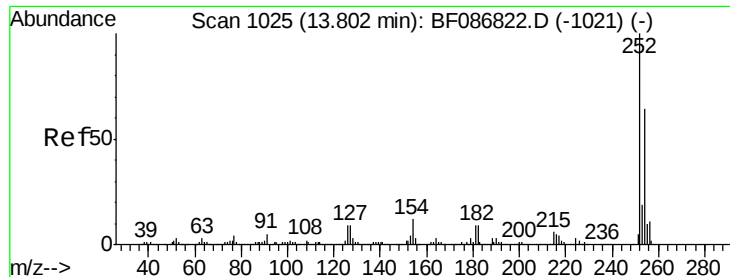


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



Time-->

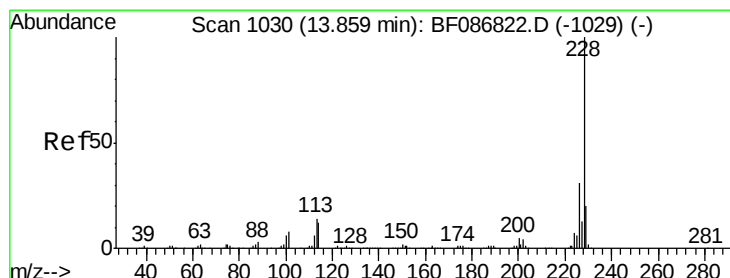
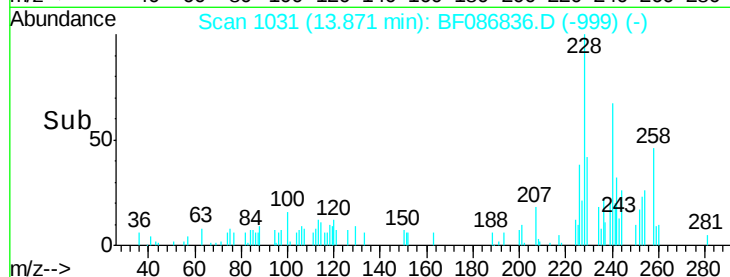
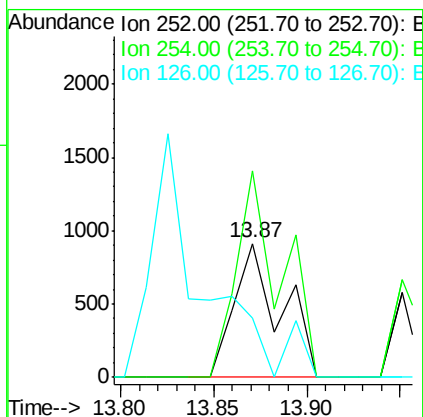
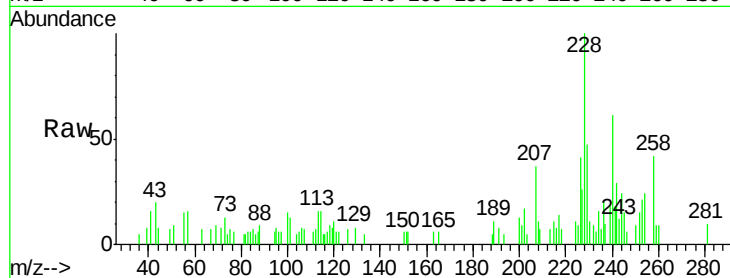




#81
 3,3'-Dichlorobenzidine
 Concen: 0.09 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. 0.07 min
 Lab File: BF086836.D
 Acq: 9 May 2016 22:34

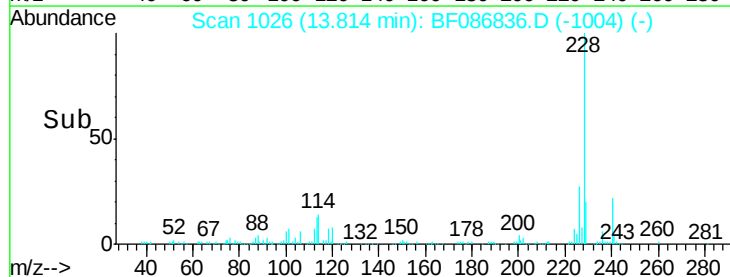
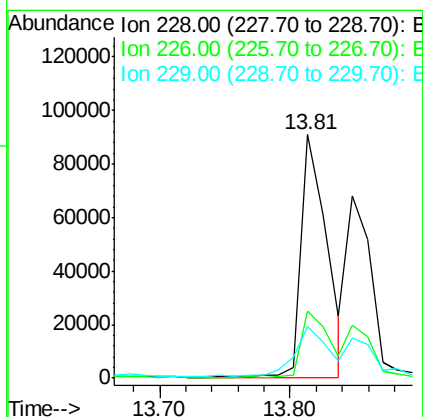
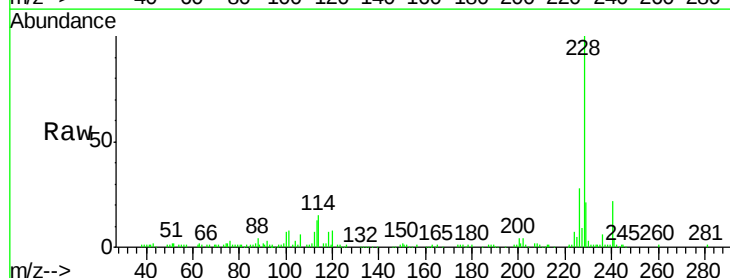
Instrument :
 BNA_F
 ClientSampleId :
 TP2-3-6FT

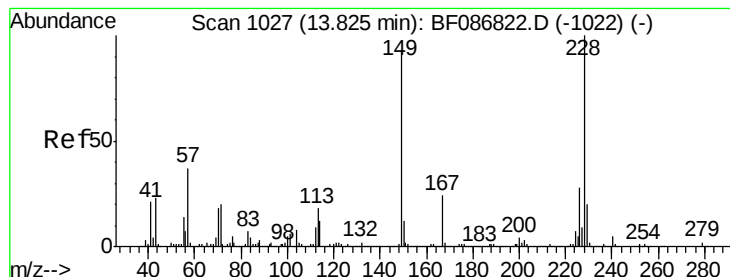
Tgt Ion: 252 Resp: 1582
 Ion Ratio Lower Upper
 252 100
 254 154.4 50.7 76.1#
 126 44.6 12.7 19.1#



#82
 Chrysene
 Concen: 4.63 ng
 RT: 13.81 min Scan# 1026
 Delta R.T. -0.05 min
 Lab File: BF086836.D
 Acq: 9 May 2016 22:34

Tgt Ion: 228 Resp: 125738
 Ion Ratio Lower Upper
 228 100
 226 27.7 24.4 36.6
 229 21.1 15.8 23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.14 ng

RT: 13.83 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BF086836.D

Acq: 9 May 2016 22:34

Instrument :

BNA_F

ClientSampleId :

TP2-3-6FT

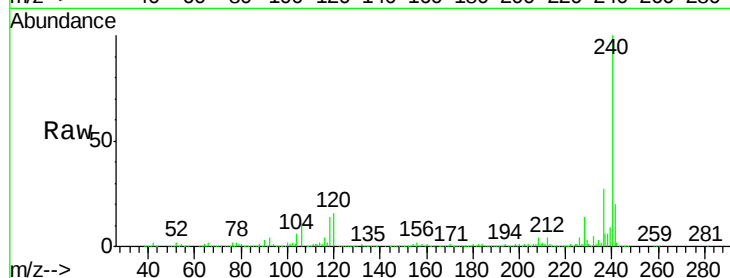
Tgt Ion:149 Resp: 2687

Ion Ratio Lower Upper

149 100

167 41.2 21.8 32.6#

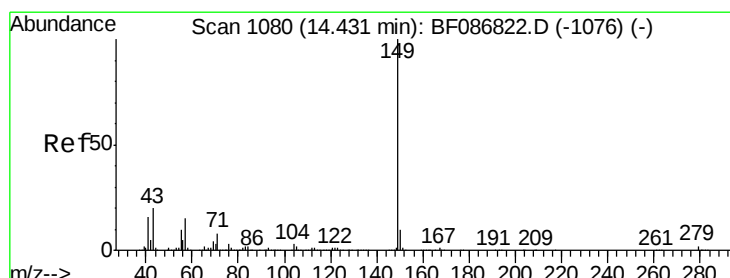
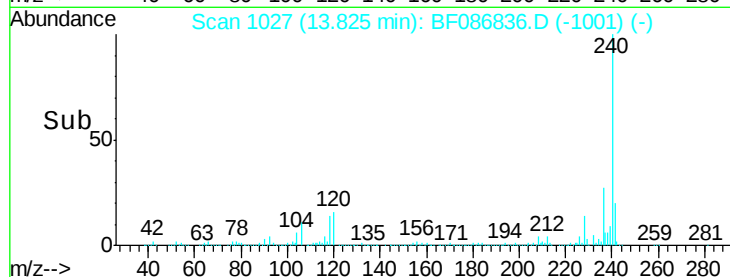
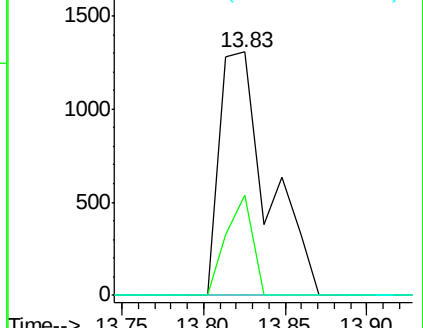
279 0.0 2.6 4.0#



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



#84

Di-n-octyl phthalate

Concen: 0.02 ng

RT: 14.43 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BF086836.D

Acq: 9 May 2016 22:34

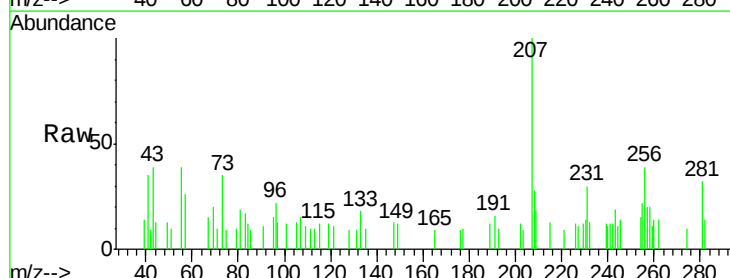
Tgt Ion:149 Resp: 507

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

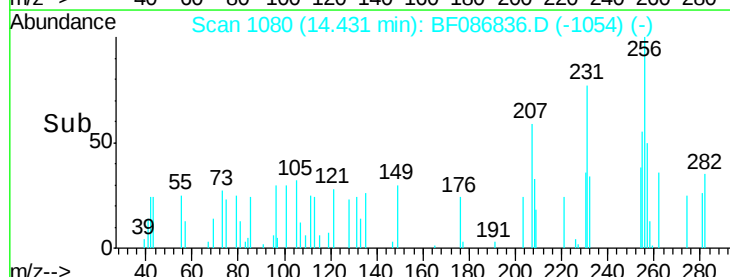
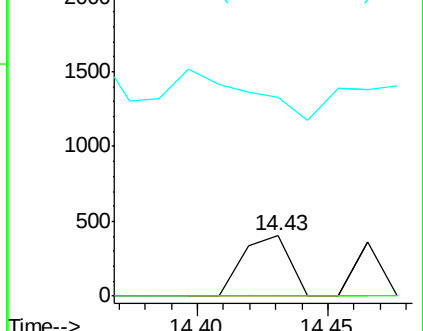
43 0.0 8.2 12.4#

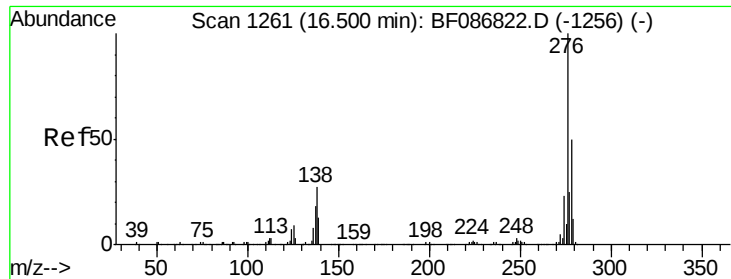


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

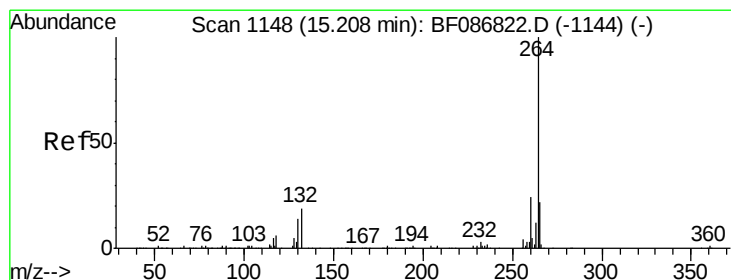
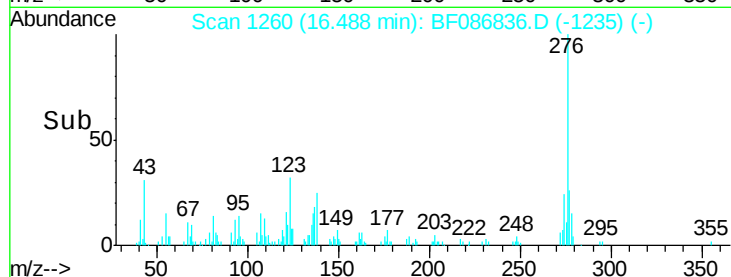
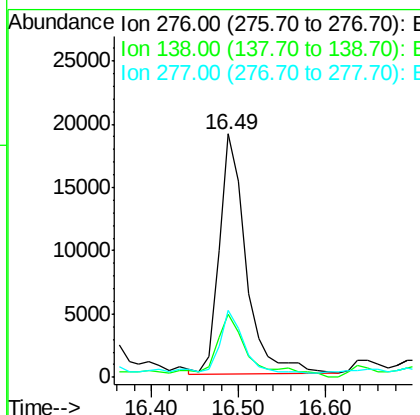
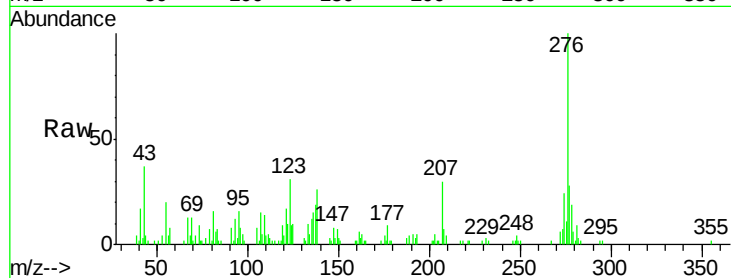




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 1.79 ng
 RT: 16.49 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BF086836.D
 Acq: 9 May 2016 22:34

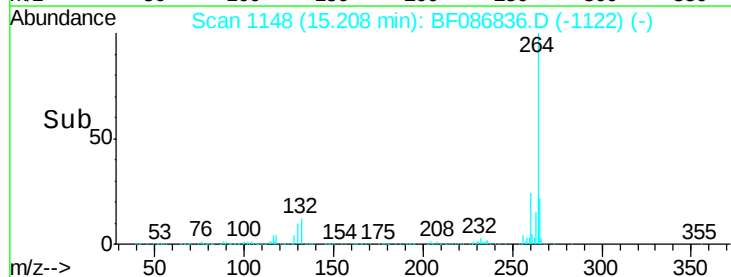
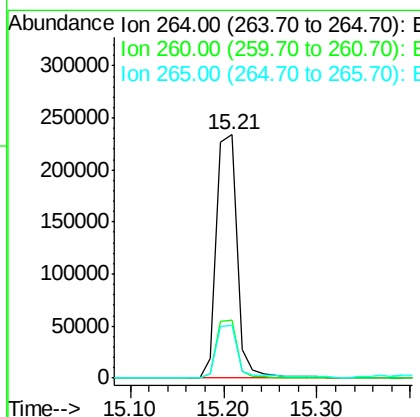
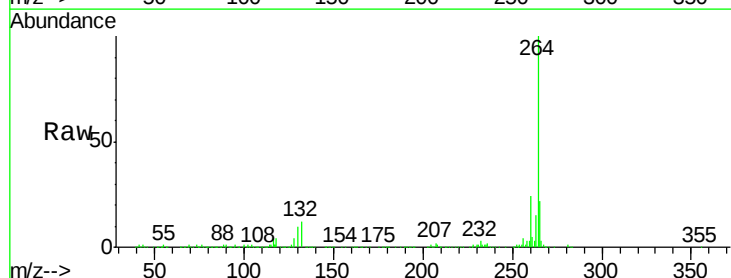
Instrument :
 BNA_F
 ClientSampleId :
 TP2-3-6FT

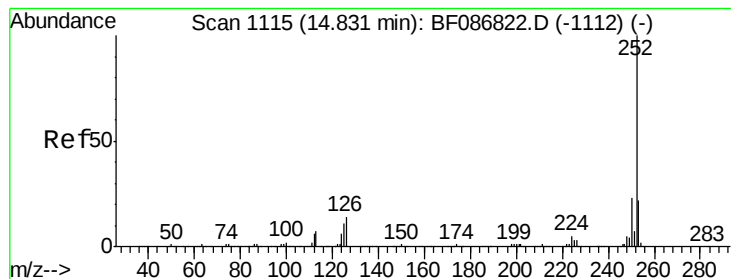
Tgt Ion: 276 Resp: 40571
 Ion Ratio Lower Upper
 276 100
 138 33.7 25.6 38.4
 277 27.7 20.5 30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1148
 Delta R.T. 0.00 min
 Lab File: BF086836.D
 Acq: 9 May 2016 22:34

Tgt Ion: 264 Resp: 362748
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.5 29.3
 265 21.7 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 6.03 ng

RT: 14.83 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BF086836.D

Acq: 9 May 2016 22:34

Instrument :

BNA_F

ClientSampleId :

TP2-3-6FT

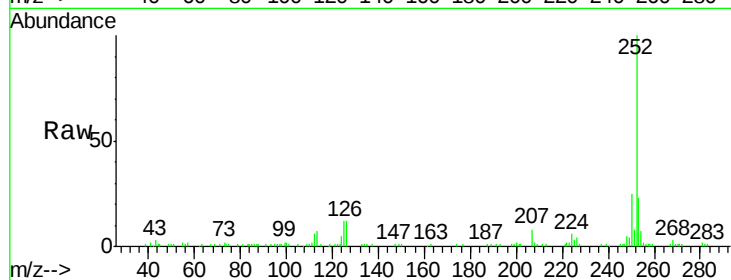
Tgt Ion:252 Resp: 142150

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

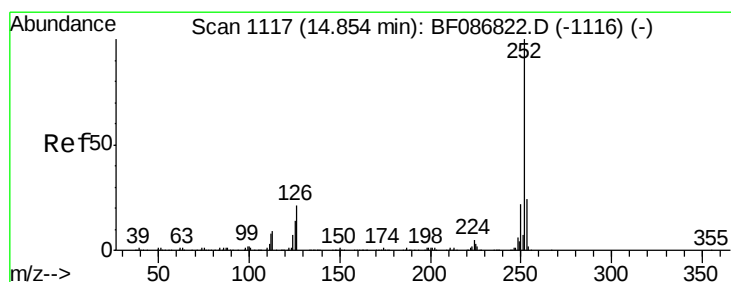
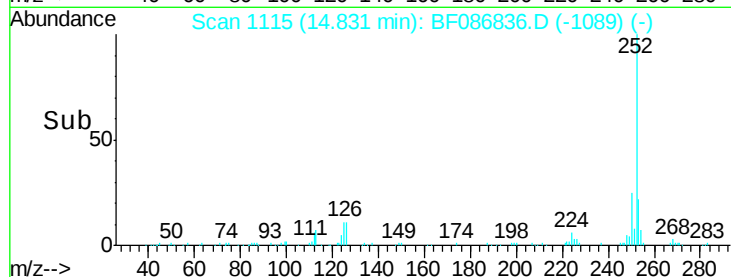
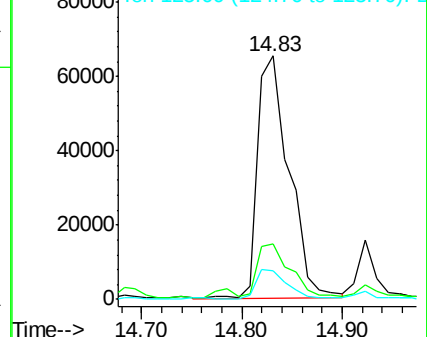
125 11.5 11.4 17.0



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: 7.36 ng

RT: 14.83 min Scan# 1115

Delta R.T. -0.02 min

Lab File: BF086836.D

Acq: 9 May 2016 22:34

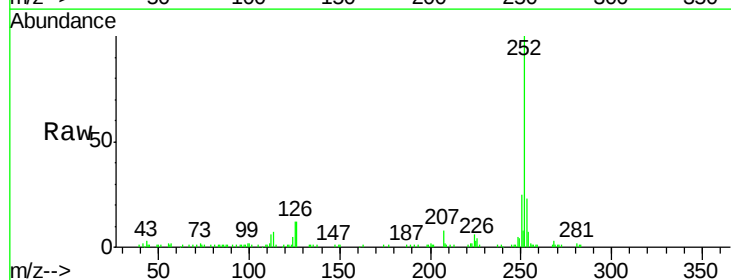
Tgt Ion:252 Resp: 142150

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

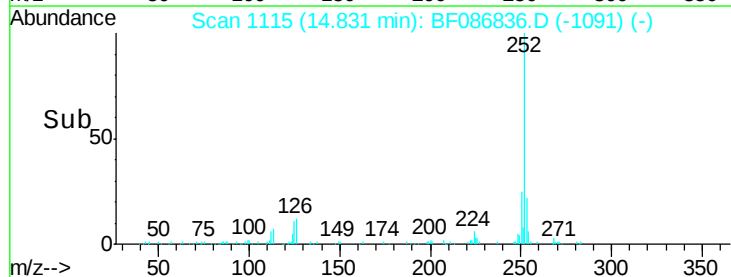
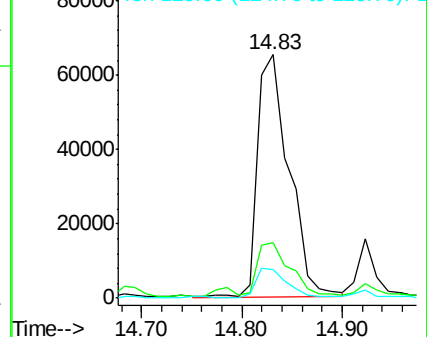
125 11.5 9.1 13.7

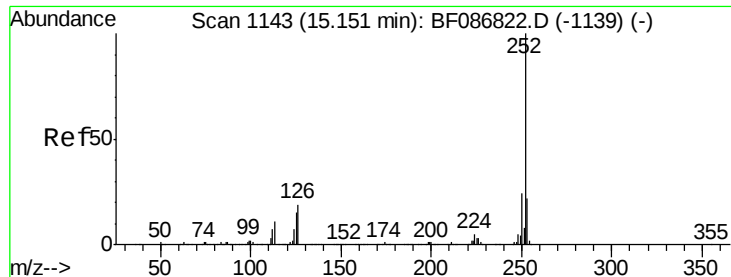


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

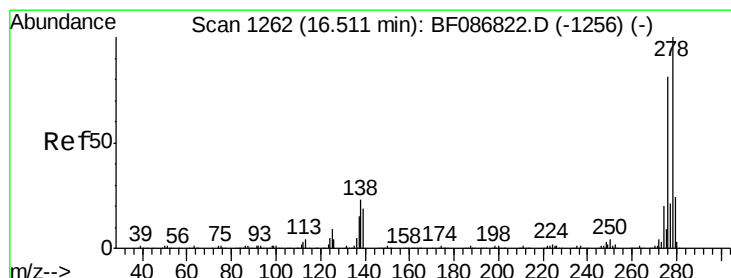
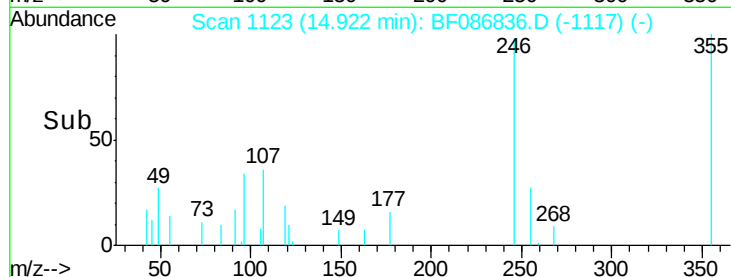
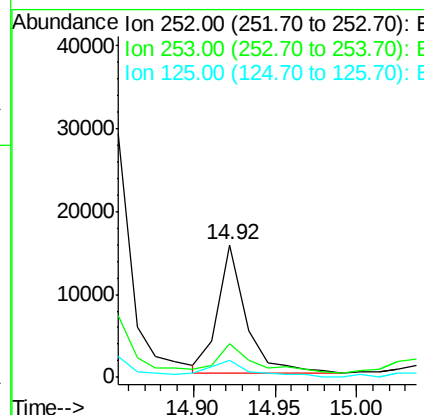
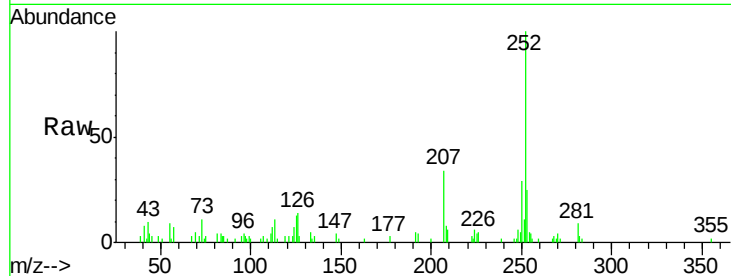




#89
Benzo(a)pyrene
Concen: 0.91 ng
RT: 14.92 min Scan# 1123
Delta R.T. -0.23 min
Lab File: BF086836.D
Acq: 9 May 2016 22:34

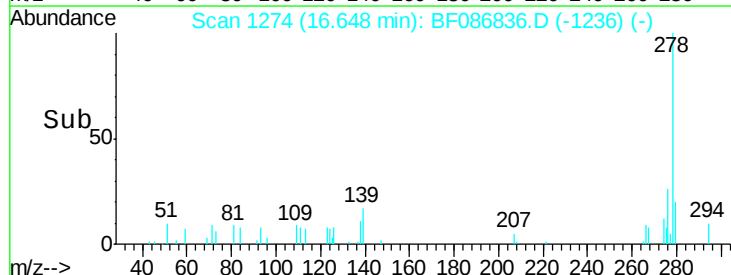
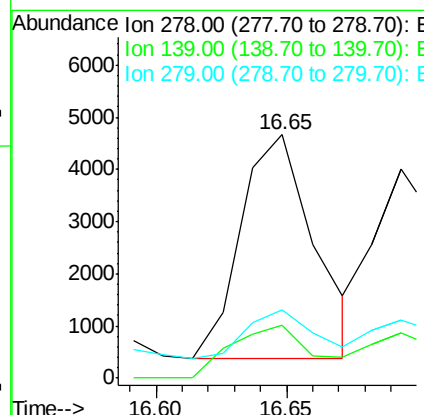
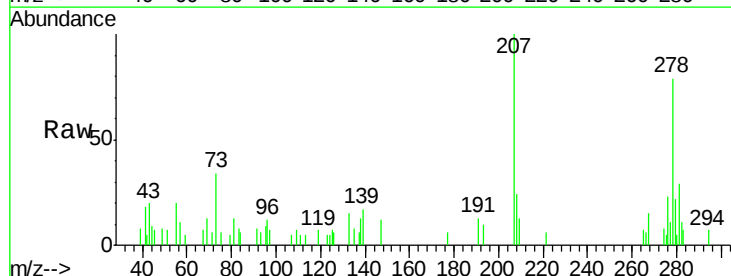
Instrument :
BNA_F
ClientSampleId :
TP2-3-6FT

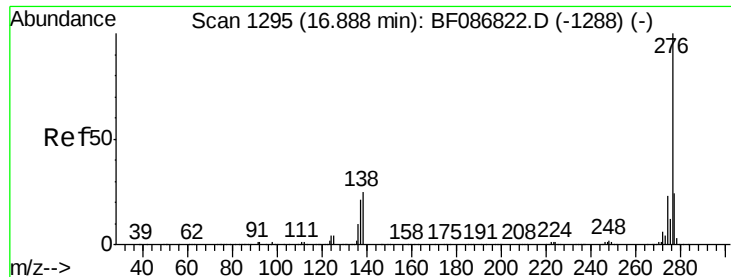
Tgt Ion: 252 Resp: 18500
Ion Ratio Lower Upper
252 100
253 25.1 17.2 25.8
125 12.9 9.0 13.6



#90
Dibenzo(a,h)anthracene
Concen: 0.49 ng
RT: 16.65 min Scan# 1274
Delta R.T. 0.14 min
Lab File: BF086836.D
Acq: 9 May 2016 22:34

Tgt Ion: 278 Resp: 8373
Ion Ratio Lower Upper
278 100
139 21.7 16.6 24.8
279 27.8 19.6 29.4

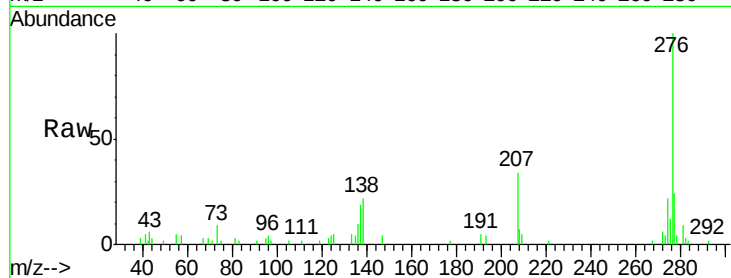




#91
 Benzo(g,h,i)perylene
 Concen: 2.20 ng
 RT: 16.88 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: BF086836.D
 Acq: 9 May 2016 22:34

Instrument :
 BNA_F
 ClientSampleId :
 TP2-3-6FT

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.6	29.4
138	22.3	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

