

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
 Data File : BF087316.D
 Acq On : 23 May 2016 23:58
 Operator : UM/SJ
 Sample : PB90822BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90822BS

Quant Time: May 24 01:57:37 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 24 01:40:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	123281	20.00	ng	0.00
21) Naphthalene-d8	9.64	136	505639	20.00	ng	0.00
38) Acenaphthene-d10	12.48	164	241722	20.00	ng	0.00
63) Phenanthrene-d10	14.88	188	448381	20.00	ng	0.00
75) Chrysene-d12	18.56	240	366005	20.00	ng	0.00
86) Perylene-d12	20.23	264	286070	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	952278	135.73	ng	0.02
7) Phenol-d6	7.15	99	1209427	127.57	ng	-0.01
23) Nitrobenzene-d5	8.52	82	821164	81.85	ng	-0.01
41) 2,4,6-Tribromophenol	13.77	330	288164	124.05	ng	-0.01
44) 2-Fluorobiphenyl	11.43	172	1436222	83.76	ng	0.00
78) Terphenyl-d14	17.21	244	1304965	75.80	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.03	88	125230	33.83	ng	# 64
3) Pyridine	2.65	79	287375	35.51	ng	# 66
4) n-Nitrosodimethylamine	2.62	42	263775	42.30	ng	# 50
6) Aniline	7.12	93	301183	24.56	ng	91
8) 2-Chlorophenol	7.29	128	375116	42.87	ng	91
9) Benzaldehyde	6.96	77	59179	11.31	ng	98
10) Phenol	7.18	94	452409	43.70	ng	86
11) bis(2-Chloroethyl)ether	7.26	93	352306	42.05	ng	89
12) 1,3-Dichlorobenzene	7.51	146	377301	39.54	ng	# 93
13) 1,4-Dichlorobenzene	7.87	146	354372	36.17	ng	95
14) 1,2-Dichlorobenzene	7.87	146	374113	41.28	ng	100
15) Benzyl Alcohol	7.91	79	316707	45.82	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.10	45	733391	38.90	ng	93
17) 2-Methylphenol	8.11	107	301807	43.04	ng	# 80
18) Hexachloroethane	8.39	117	145797	39.89	ng	95
19) n-Nitroso-di-n-propylamine	8.33	70	308945	43.70	ng	# 74
20) 3+4-Methylphenols	8.38	107	384305	45.34	ng	# 60
22) Acetophenone	8.30	105	540497	44.74	ng	# 98
24) Nitrobenzene	8.56	77	435066	41.08	ng	96
25) Isophorone	8.95	82	759650	42.22	ng	99
26) 2-Nitrophenol	9.06	139	190676	44.05	ng	# 79
27) 2,4-Dimethylphenol	9.20	122	335738	44.68	ng	89
28) bis(2-Chloroethoxy)methane	9.32	93	464939	45.87	ng	98
29) 2,4-Dichlorophenol	9.47	162	304577	44.97	ng	98
30) 1,2,4-Trichlorobenzene	9.56	180	330455	42.62	ng	96
31) Naphthalene	9.68	128	1078676	42.57	ng	99
32) Benzoic acid	9.52	122	149212	39.70	ng	# 77
33) 4-Chloroaniline	9.83	127	147714	15.83	ng	# 94
34) Hexachlorobutadiene	9.88	225	190717	40.47	ng	99
35) Caprolactam	10.51	113	38478	19.47	ng	# 70
36) 4-Chloro-3-methylphenol	10.68	107	346798	45.29	ng	93
37) 2-Methylnaphthalene	10.80	142	694632	43.88	ng	97
39) 1,2,4,5-Tetrachlorobenzene	11.07	216	304951	39.41	ng	98
40) Hexachlorocyclopentadiene	11.05	237	250821	78.92	ng	96

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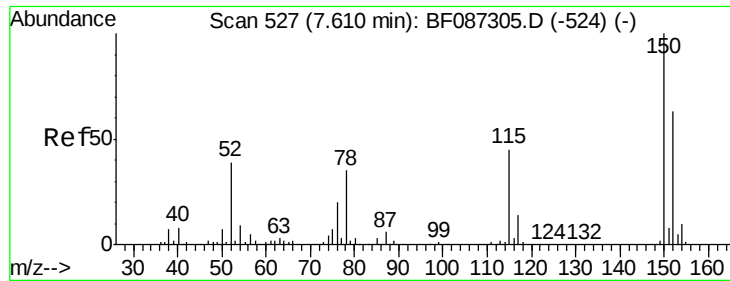
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	11.30	196	180833	40.49	ng	96
43) 2,4,5-Trichlorophenol	11.38	196	195266	42.93	ng #	90
45) 1,1'-Biphenyl	11.58	154	861376	42.32	ng	98
46) 2-Chloronaphthalene	11.59	162	637069	40.92	ng	93
47) 2-Nitroaniline	11.80	65	246904	44.01	ng #	81
48) Acenaphthylene	12.25	152	1039259	42.16	ng	99
49) Dimethylphthalate	12.13	163	811116	41.89	ng	100
50) 2,6-Dinitrotoluene	12.22	165	166279	42.62	ng #	83
51) Acenaphthene	12.53	154	627825	41.44	ng	97
52) 3-Nitroaniline	12.49	138	86643	21.64	ng #	92
53) 2,4-Dinitrophenol	12.69	184	146373	73.85	ng	87
54) Dibenzofuran	12.82	168	940474	45.85	ng	99
55) 4-Nitrophenol	12.87	139	168769	88.35	ng #	61
56) 2,4-Dinitrotoluene	12.88	165	228579	43.83	ng	90
57) Fluorene	13.37	166	741870	41.71	ng	99
58) 2,3,4,6-Tetrachlorophenol	13.05	232	172505	49.31	ng	99
59) Diethylphthalate	13.28	149	788418	41.88	ng	99
60) 4-Chlorophenyl-phenylether	13.39	204	355046	40.93	ng	97
61) 4-Nitroaniline	13.50	138	155992	41.74	ng #	75
62) Azobenzene	13.66	77	923768	47.30	ng	87
64) 4,6-Dinitro-2-methylphenol	13.54	198	118788	41.67	ng #	50
65) n-Nitrosodiphenylamine	13.61	169	624593	43.07	ng	99
66) 4-Bromophenyl-phenylether	14.18	248	205255	41.84	ng	97
67) Hexachlorobenzene	14.25	284	216444	42.19	ng #	67
68) Atrazine	14.53	200	201126	43.51	ng	94
69) Pentachlorophenol	14.62	266	128314	80.44	ng	98
70) Phenanthrene	14.91	178	1065069	42.88	ng	100
71) Anthracene	15.01	178	1089847	43.44	ng	99
72) Carbazole	15.28	167	946644	44.24	ng	98
73) Di-n-butylphthalate	15.85	149	1188855	42.96	ng #	98
74) Fluoranthene	16.66	202	1062165	42.65	ng	97
76) Benzidine	16.89	184	298469	31.69	ng	97
77) Pyrene	16.97	202	1100313	41.76	ng	99
79) Butylbenzylphthalate	17.87	149	483012	41.34	ng #	74
80) Benzo(a)anthracene	18.55	228	898280	43.15	ng	99
81) 3,3'-Dichlorobenzidine	18.54	252	153489	13.35	ng #	98
82) Chrysene	18.59	228	875597	42.38	ng	99
83) Bis(2-ethylhexyl)phthalate	18.62	149	710544	41.68	ng	97
84) Di-n-octyl phthalate	19.38	149	1148003	44.16	ng #	87
85) Indeno(1,2,3-cd)pyrene	21.49	276	672817	40.62	ng	96
87) Benzo(b)fluoranthene	19.82	252	1511292	82.94	ng #	96
88) Benzo(k)fluoranthene	19.82	252	1512628	96.44	ng	99
89) Benzo(a)pyrene	20.17	252	699152	44.36	ng #	98
90) Dibenzo(a,h)anthracene	21.49	278	577943	42.99	ng	98
91) Benzo(g,h,i)perylene	21.85	276	566044	42.68	ng #	92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.61 min Scan# 527

Delta R.T. 0.00 min

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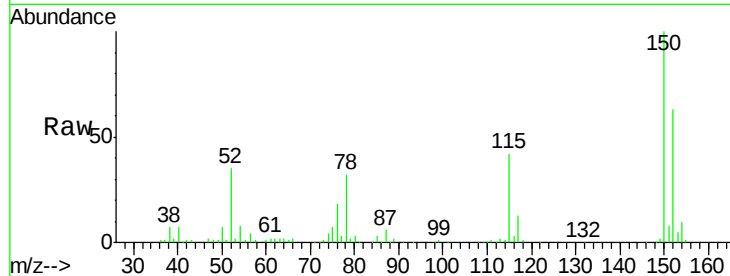
Tgt Ion: 152 Resp: 123281

Ion Ratio Lower Upper

152 100

150 157.5 125.8 188.6

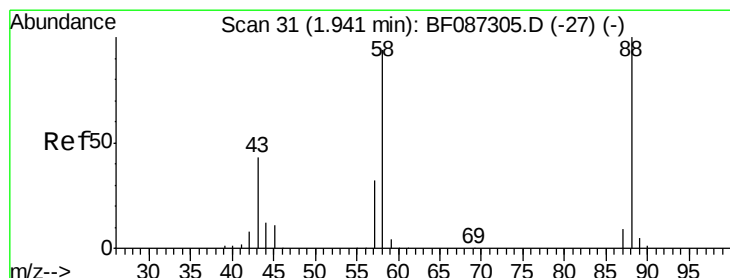
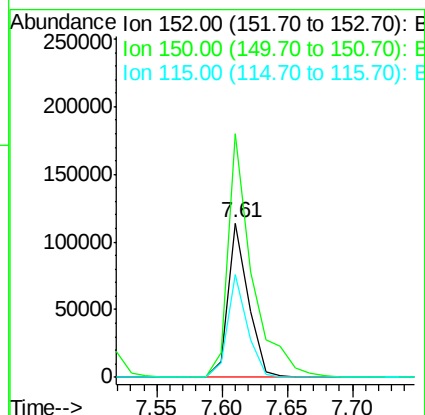
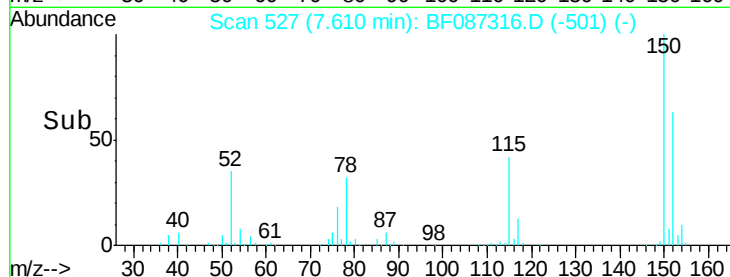
115 66.8 51.5 77.3



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



#2

1,4-Dioxane

Concen: 33.83 ng

RT: 2.03 min Scan# 39

Delta R.T. 0.09 min

Lab File: BF087316.D

Acq: 23 May 2016 23:58

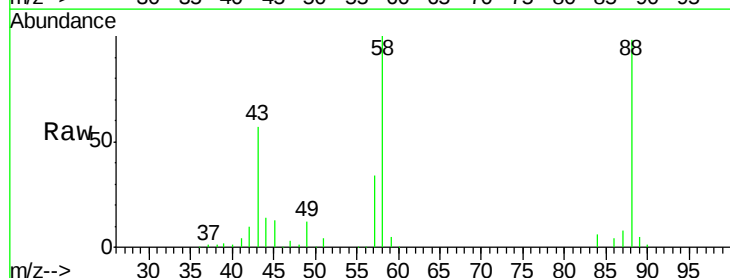
Tgt Ion: 88 Resp: 125230

Ion Ratio Lower Upper

88 100

58 97.0 59.6 89.4#

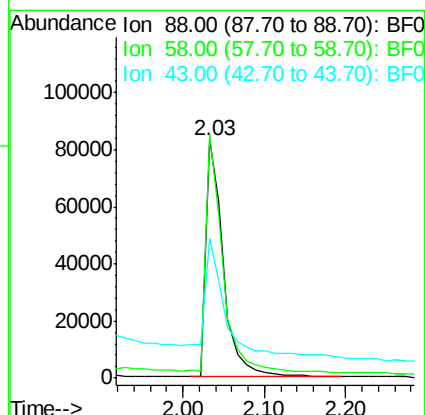
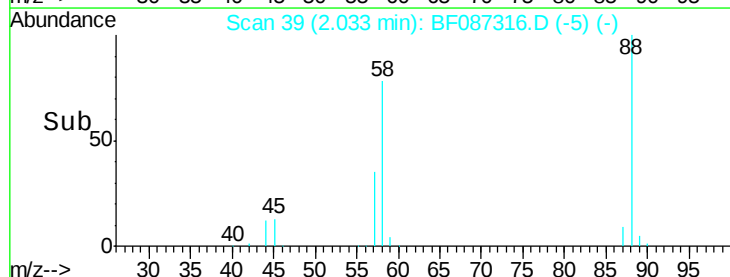
43 59.1 21.8 32.6#



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





#3

Pyridine

Concen: 35.51 ng

RT: 2.65 min Scan# 93

Delta R.T. 0.10 min

Lab File: BF087316.D

Acq: 23 May 2016 23:58

Instrument :

BNA_F

ClientSampleId :

PB90822BS

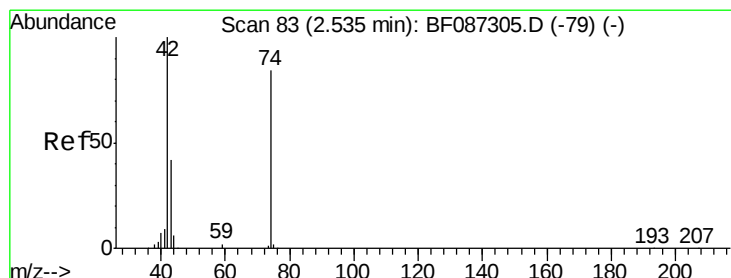
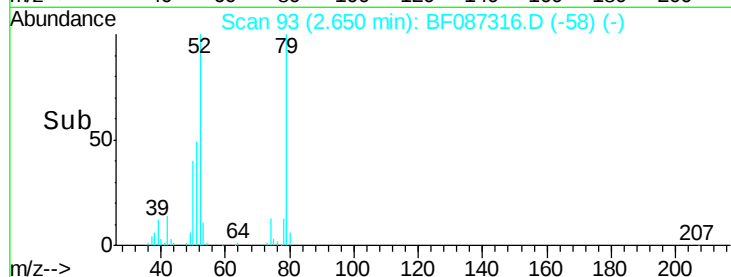
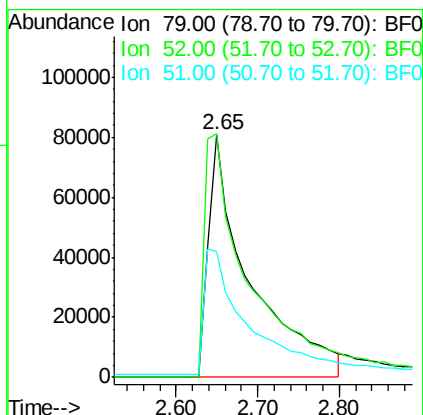
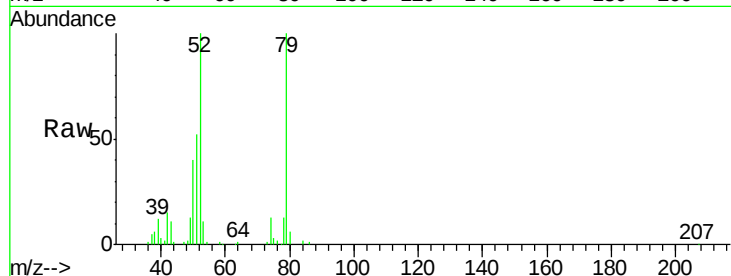
Tgt Ion: 79 Resp: 287375

Ion Ratio Lower Upper

79 100

52 100.4 55.9 83.9#

51 51.9 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 42.30 ng

RT: 2.62 min Scan# 90

Delta R.T. 0.08 min

Lab File: BF087316.D

Acq: 23 May 2016 23:58

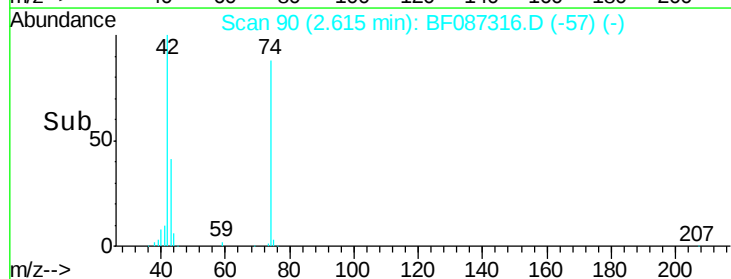
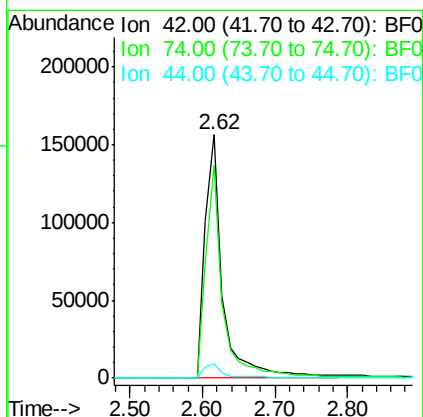
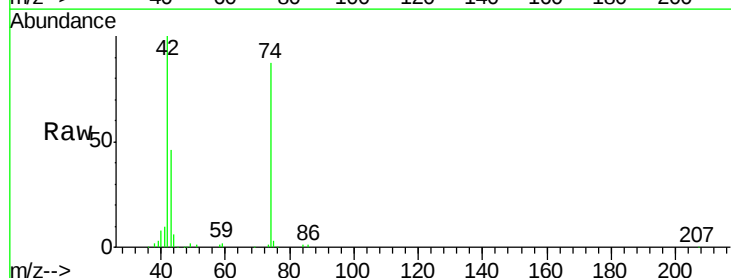
Tgt Ion: 42 Resp: 263775

Ion Ratio Lower Upper

42 100

74 87.2 123.4 185.0#

44 6.2 5.8 8.6





#5

2-Fluorophenol

Concen: 135.73 ng

RT: 5.54 min Scan# 346

Delta R.T. 0.02 min

Lab File: BF087316.D

Acq: 23 May 2016 23:58

Instrument :

BNA_F

ClientSampleId :

PB90822BS

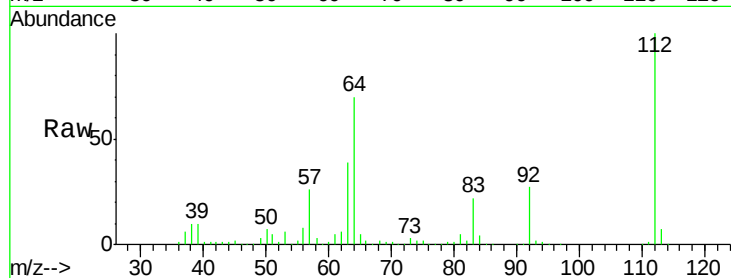
Tgt Ion: 112 Resp: 952278

Ion Ratio Lower Upper

112 100

64 70.5 52.1 78.1

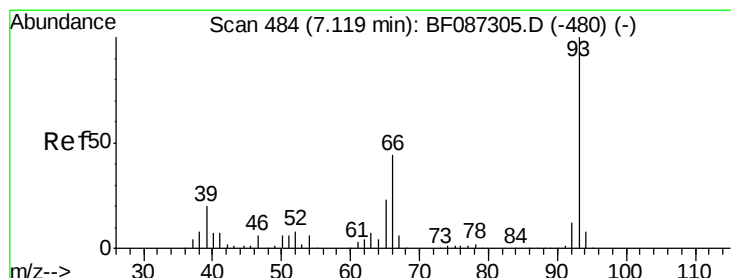
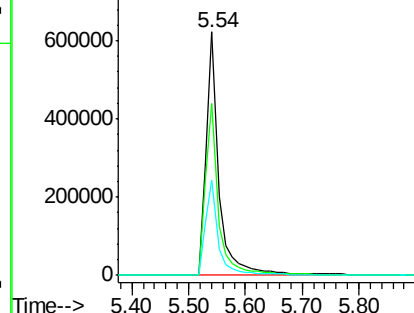
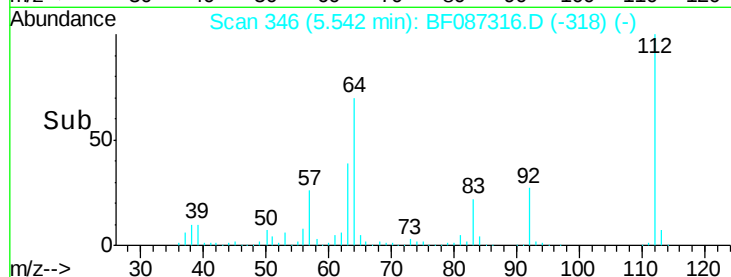
63 38.9 25.7 38.5#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 24.56 ng

RT: 7.12 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF087316.D

Acq: 23 May 2016 23:58

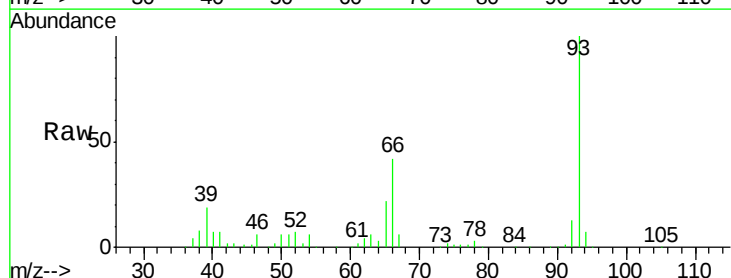
Tgt Ion: 93 Resp: 301183

Ion Ratio Lower Upper

93 100

66 41.8 39.0 58.6

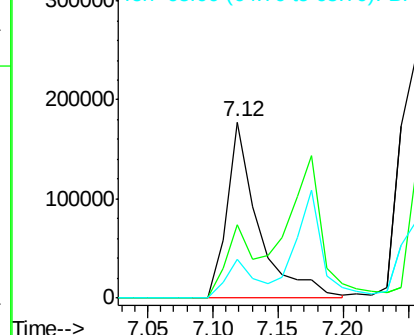
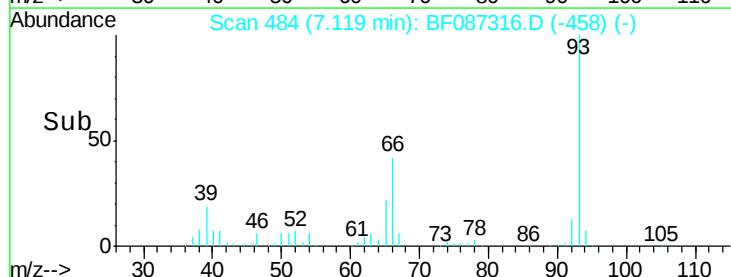
65 21.8 20.6 31.0

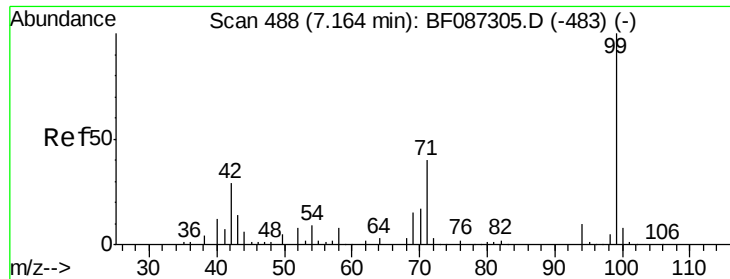


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 127.57 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.01 min

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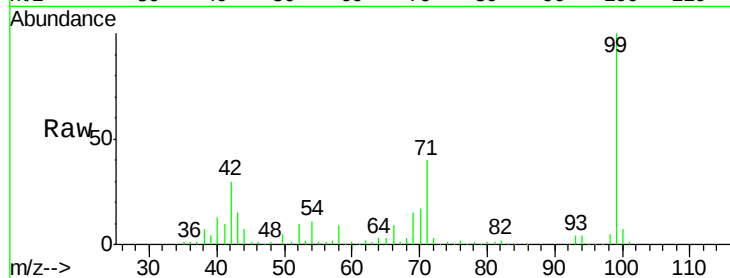
Tgt Ion: 99 Resp: 1209427

Ion Ratio Lower Upper

99 100

42 29.9 13.6 20.4#

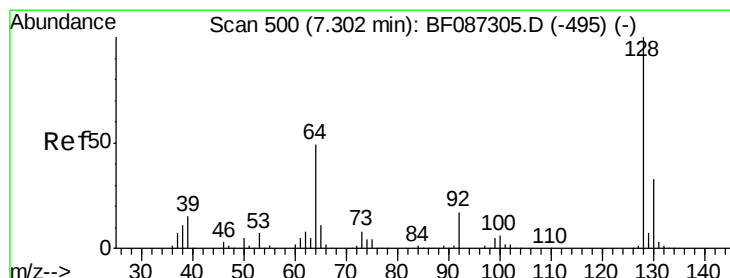
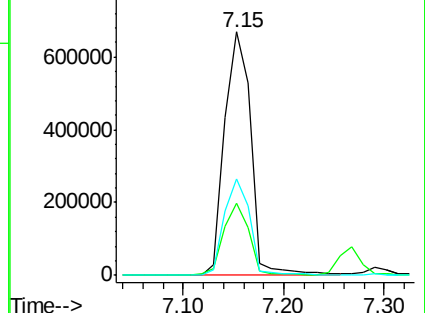
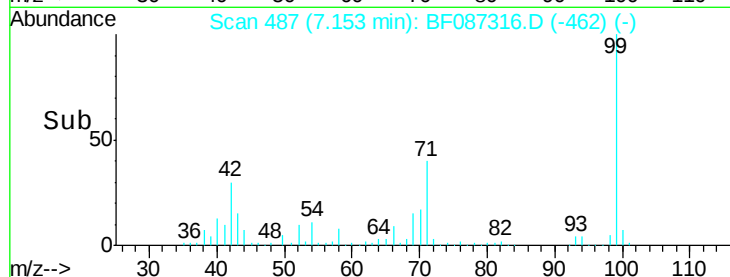
71 39.8 24.6 36.8#



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



#8

2-Chlorophenol

Concen: 42.87 ng

RT: 7.29 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF087316.D

Acq: 23 May 2016 23:58

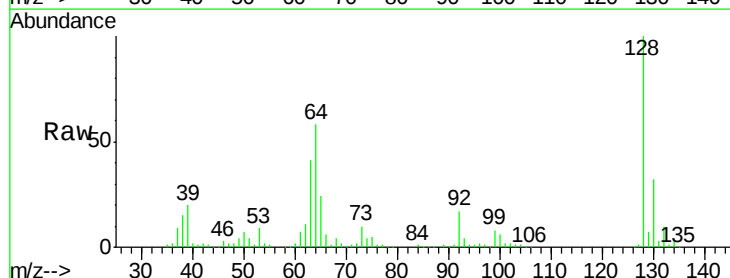
Tgt Ion: 128 Resp: 375116

Ion Ratio Lower Upper

128 100

130 32.3 12.5 52.5

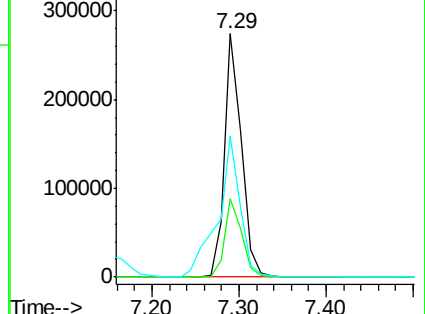
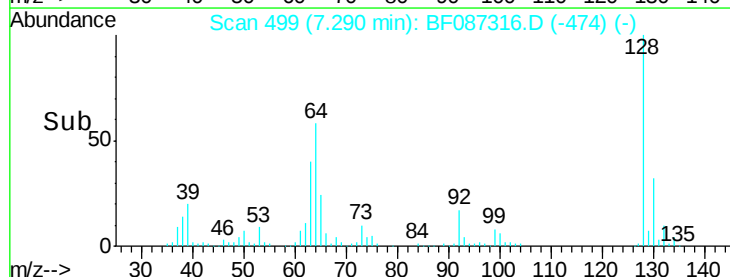
64 57.9 27.3 67.3

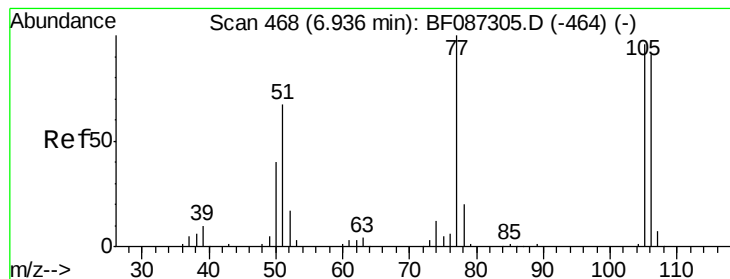


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 11.31 ng

RT: 6.96 min Scan# 470

Delta R.T. 0.02 min

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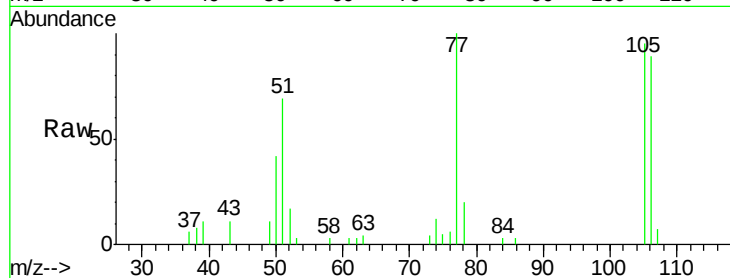
Tgt Ion: 77 Resp: 59179

Ion Ratio Lower Upper

77 100

105 95.0 72.7 112.7

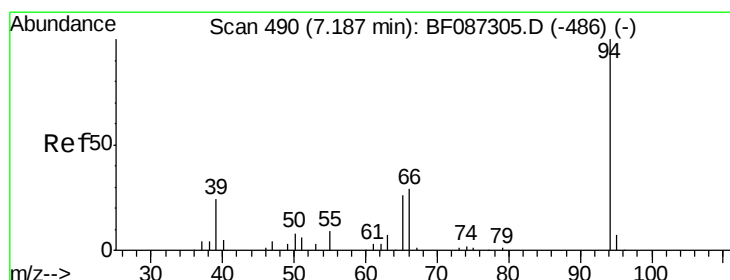
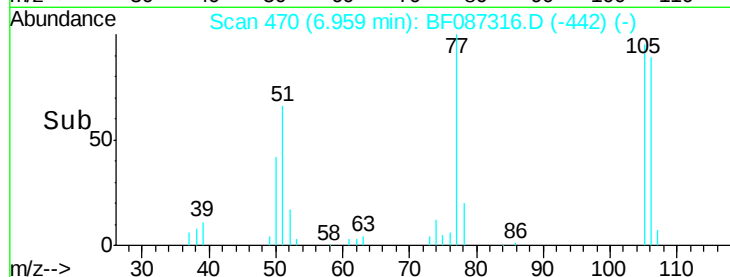
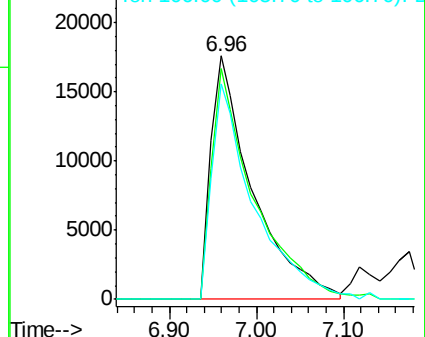
106 88.6 70.8 110.8



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: 43.70 ng

RT: 7.18 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF087316.D

Acq: 23 May 2016 23:58

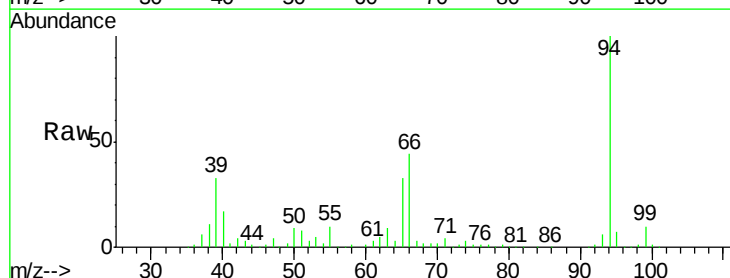
Tgt Ion: 94 Resp: 452409

Ion Ratio Lower Upper

94 100

65 33.3 7.2 47.2

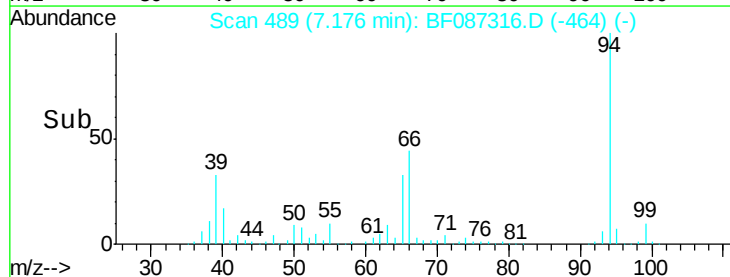
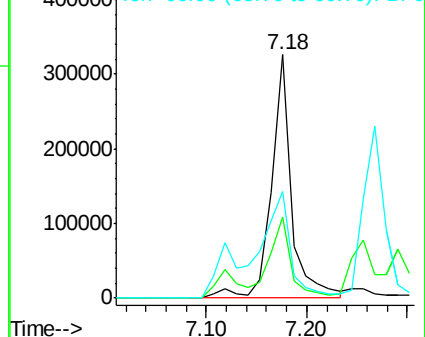
66 43.9 14.9 54.9

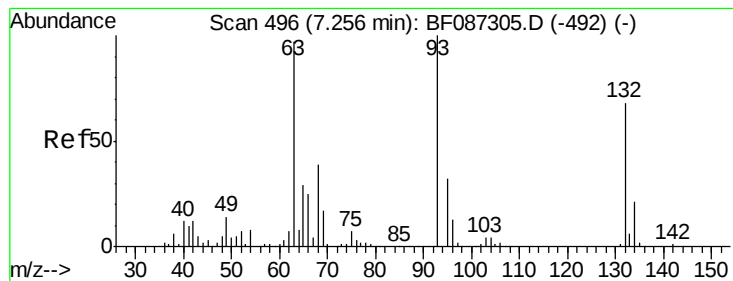


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

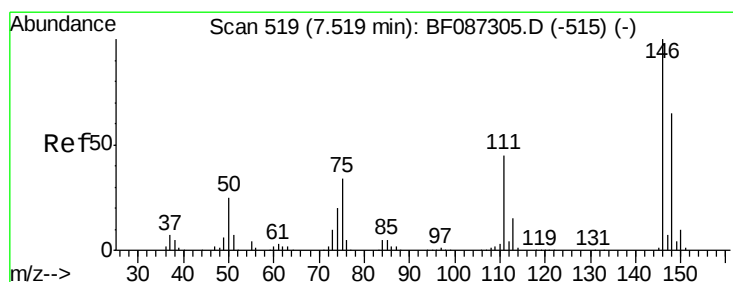
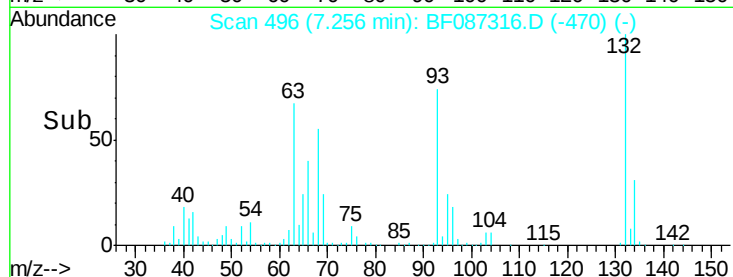
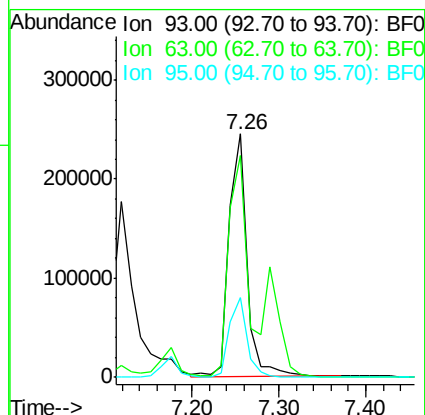
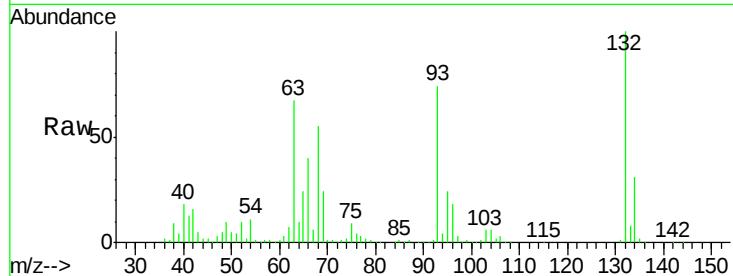




#11
bis(2-Chloroethyl)ether
Concen: 42.05 ng
RT: 7.26 min Scan# 496
Delta R.T. 0.00 min
Lab File: BF087316.D
Acq: 23 May 2016 23:58

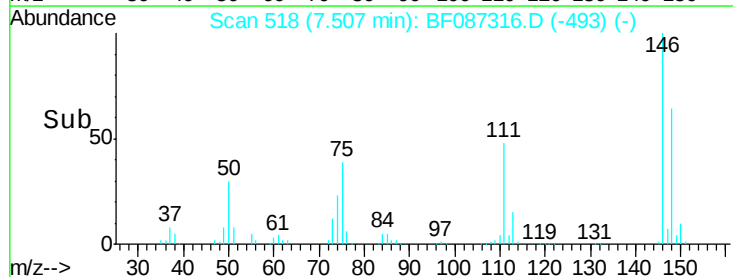
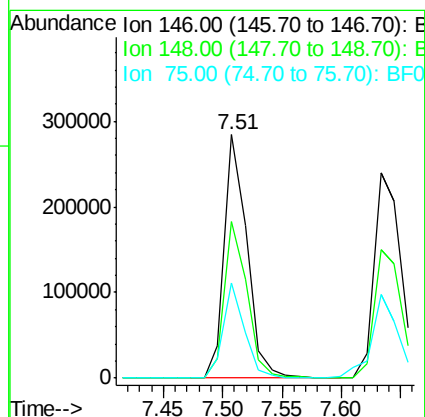
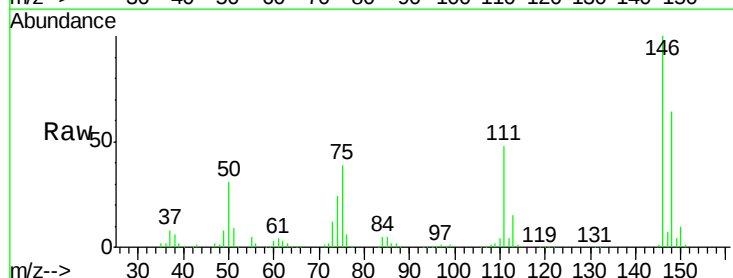
Instrument :
BNA_F
ClientSampleId :
PB90822BS

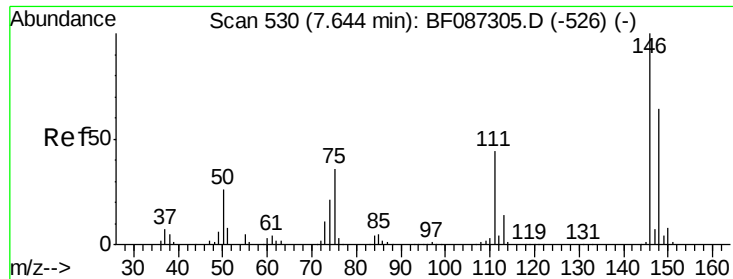
Tgt Ion: 93 Resp: 352306
Ion Ratio Lower Upper
93 100
63 91.3 58.0 98.0
95 32.9 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 39.54 ng
RT: 7.51 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF087316.D
Acq: 23 May 2016 23:58

Tgt Ion: 146 Resp: 377301
Ion Ratio Lower Upper
146 100
148 64.2 52.4 78.6
75 39.2 22.8 34.2#

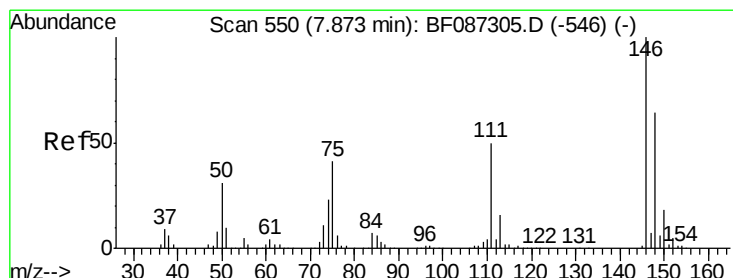
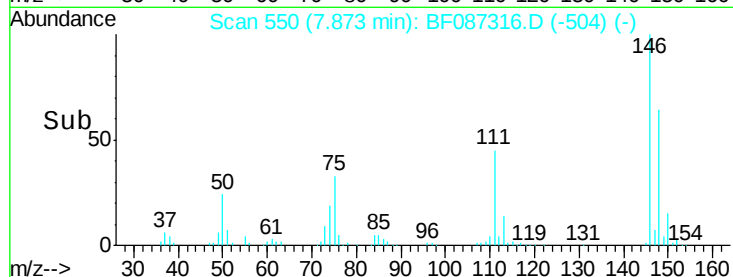
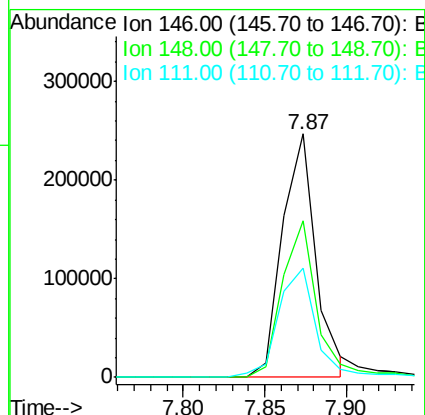
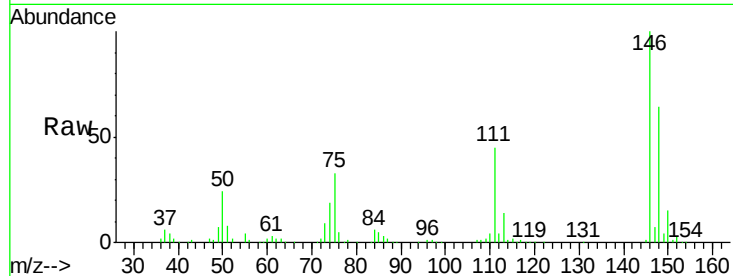




#13
 1,4-Dichlorobenzene
 Concen: 36.17 ng
 RT: 7.87 min Scan# 550
 Delta R.T. 0.23 min
 Lab File: BF087316.D
 Acq: 23 May 2016 23:58

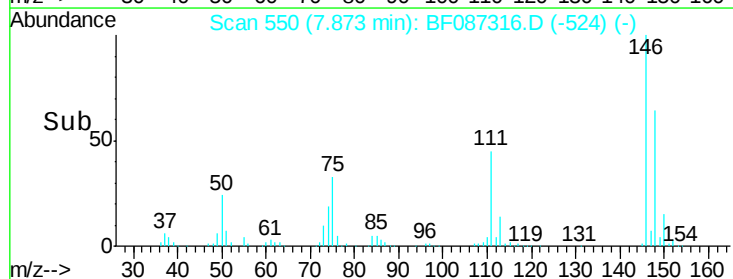
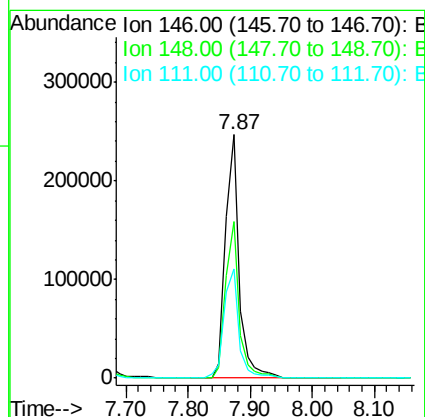
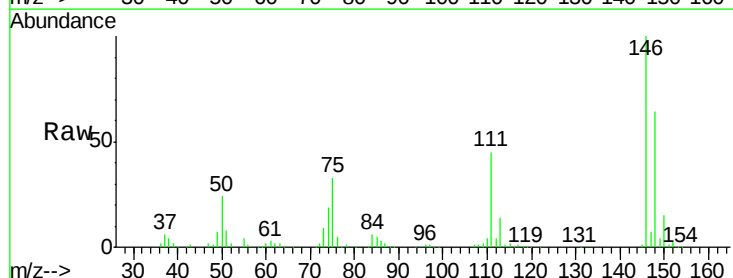
Instrument :
 BNA_F
 ClientSampleId :
 PB90822BS

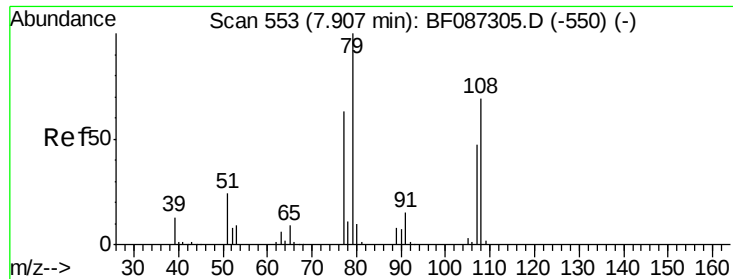
Tgt Ion:146 Resp: 354372
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.2 78.4
 111 45.1 30.7 46.1



#14
 1,2-Dichlorobenzene
 Concen: 41.28 ng
 RT: 7.87 min Scan# 550
 Delta R.T. 0.00 min
 Lab File: BF087316.D
 Acq: 23 May 2016 23:58

Tgt Ion:146 Resp: 374113
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.0 76.6
 111 45.1 36.2 54.4

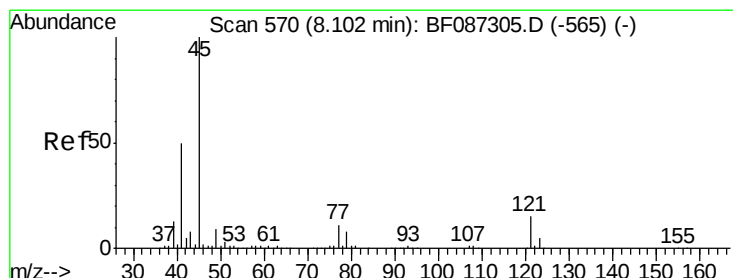
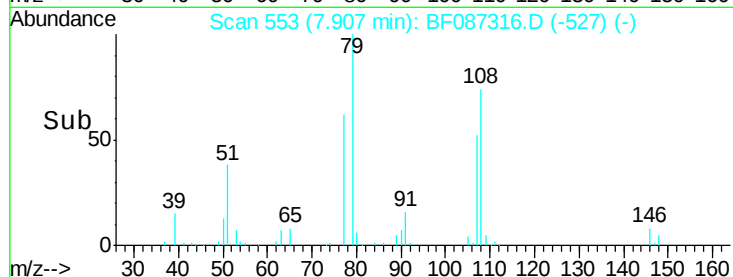
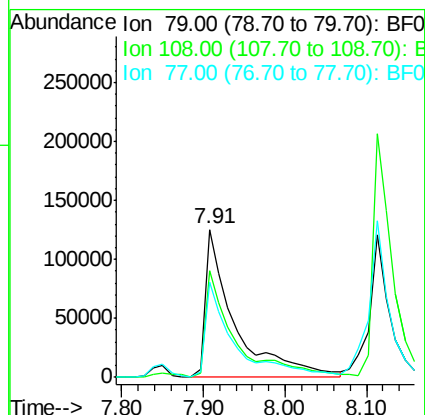
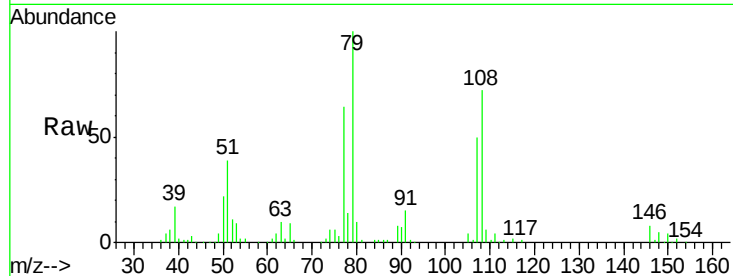




#15
Benzyl Alcohol
Concen: 45.82 ng
RT: 7.91 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF087316.D
Acq: 23 May 2016 23:58

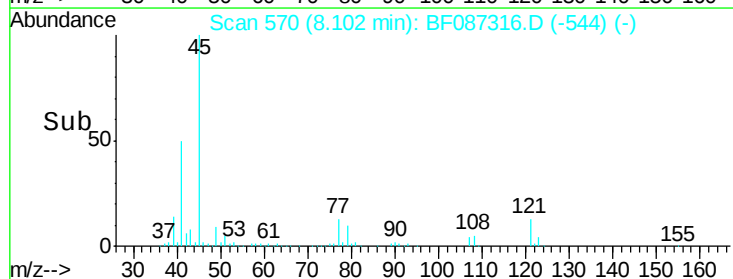
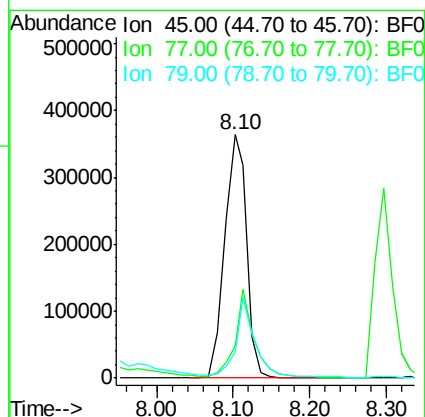
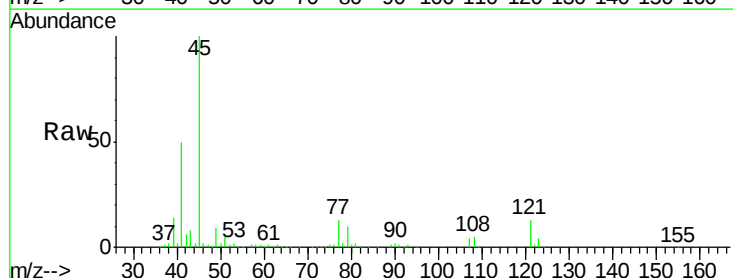
Instrument :
BNA_F
ClientSampled :
PB90822BS

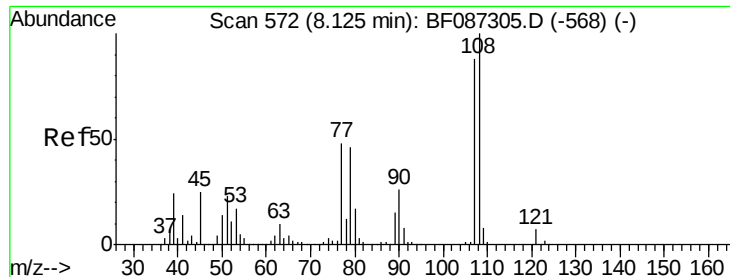
Tgt Ion: 79 Resp: 316707
Ion Ratio Lower Upper
79 100
108 72.3 68.4 102.6
77 64.3 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.90 ng
RT: 8.10 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF087316.D
Acq: 23 May 2016 23:58

Tgt Ion: 45 Resp: 733391
Ion Ratio Lower Upper
45 100
77 13.1 0.0 36.4
79 10.5 0.0 33.4

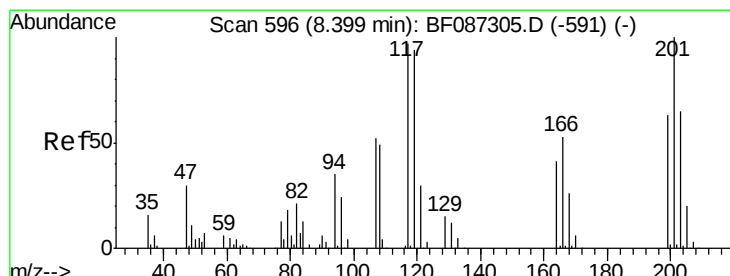
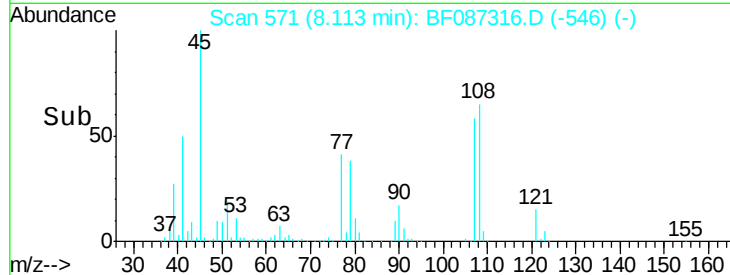
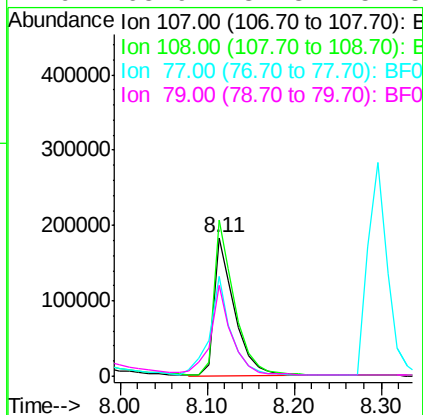
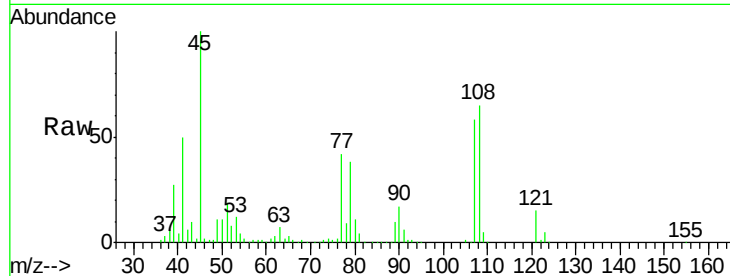




#17
2-Methylphenol
Concen: 43.04 ng
RT: 8.11 min Scan# 571
Delta R.T. -0.01 min
Lab File: BF087316.D
Acq: 23 May 2016 23:58

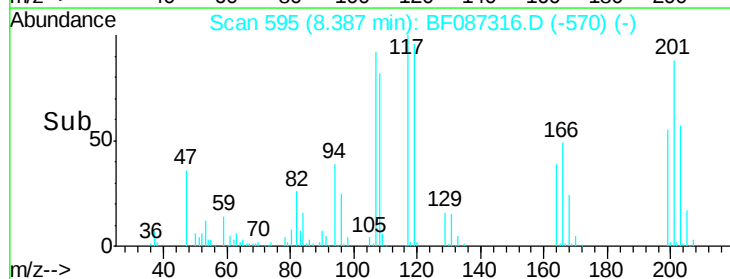
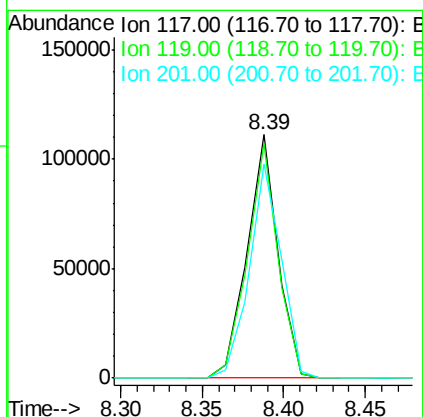
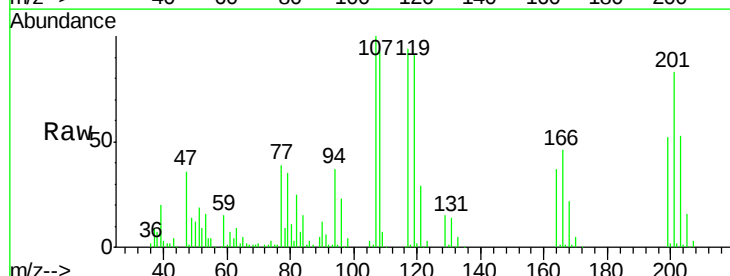
Instrument :
BNA_F
ClientSampleId :
PB90822BS

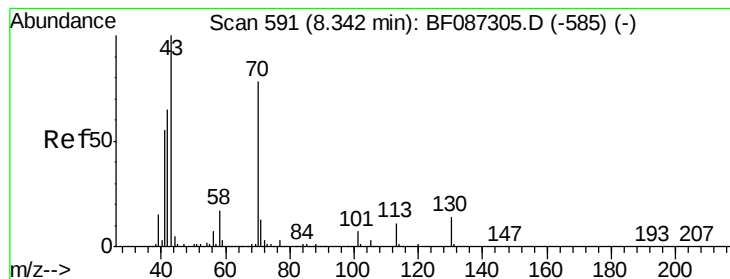
Tgt Ion	Ratio	Lower	Upper
107	100		
108	112.5	93.7	140.5
77	72.1	33.4	50.0
79	65.9	34.3	51.5



#18
Hexachloroethane
Concen: 39.89 ng
RT: 8.39 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF087316.D
Acq: 23 May 2016 23:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	76.5	114.7
201	87.8	63.0	94.6





#19

n-Nitroso-di-n-propylamine

Concen: 43.70 ng

RT: 8.33 min Scan# 590

Delta R.T. -0.01 min

Lab File: BF087316.D

Acq: 23 May 2016 23:58

Instrument :

BNA_F

ClientSampleId :

PB90822BS

Tgt Ion: 70 Resp: 308945

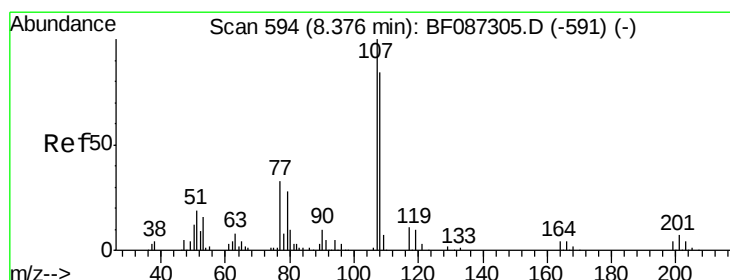
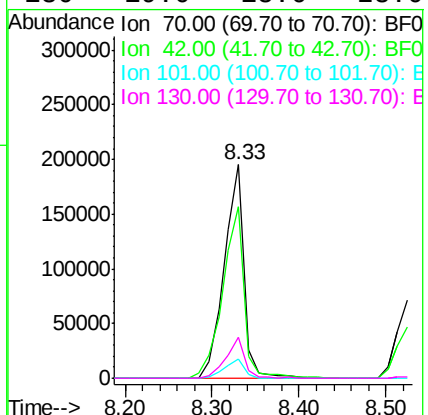
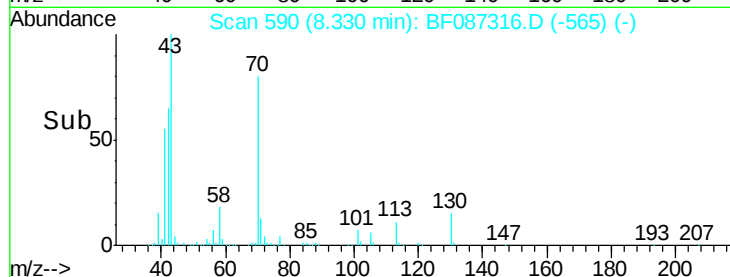
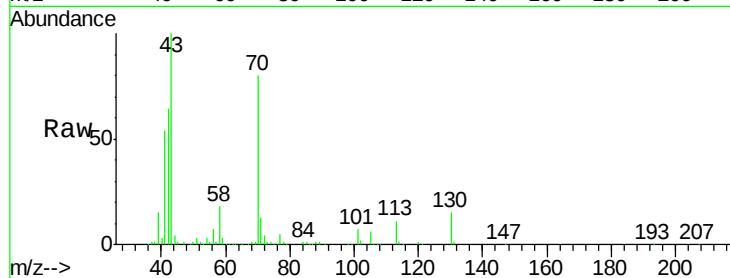
Ion Ratio Lower Upper

70 100

42 80.5 43.1 64.7#

101 9.1 8.1 12.1

130 19.0 18.6 28.0



#20

3+4-Methylphenols

Concen: 45.34 ng

RT: 8.38 min Scan# 594

Delta R.T. 0.00 min

Lab File: BF087316.D

Acq: 23 May 2016 23:58

Tgt Ion: 107 Resp: 384305

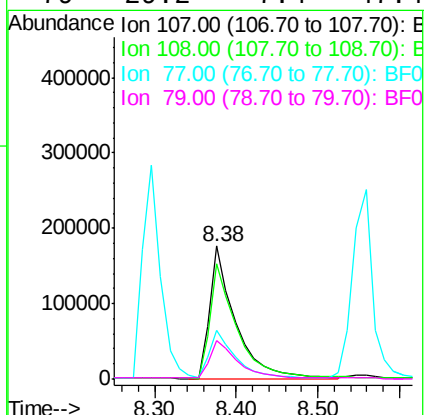
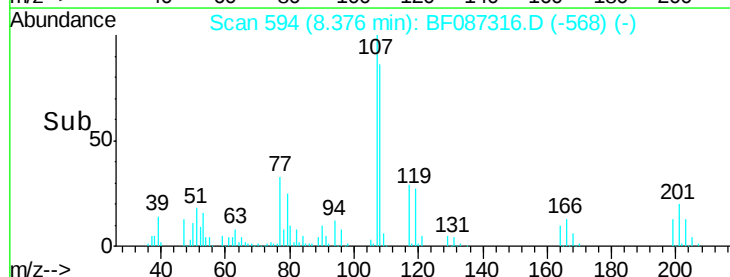
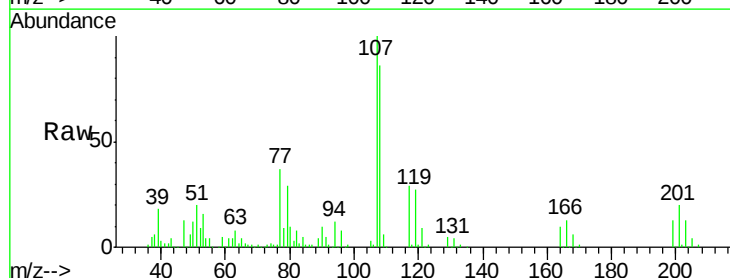
Ion Ratio Lower Upper

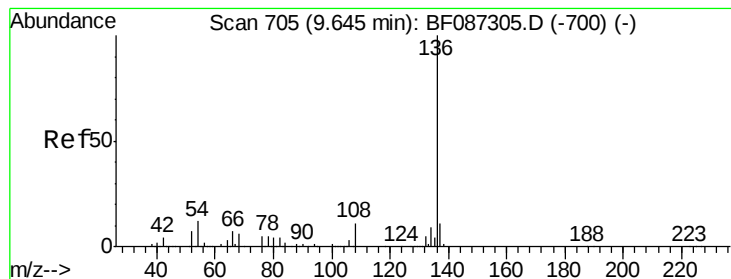
107 100

108 86.2 68.5 108.5

77 36.9 101.6 141.6#

79 29.2 7.4 47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.64 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF087316.D

Acq: 23 May 2016 23:58

Instrument :

BNA_F

ClientSampled :

PB90822BS

Tgt Ion:136 Resp: 505639

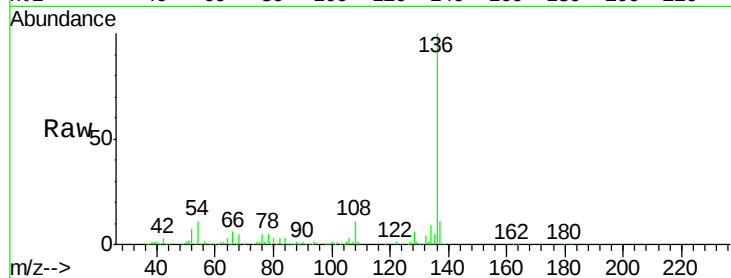
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 10.6 5.0 7.4#

68 5.4 4.4 6.6

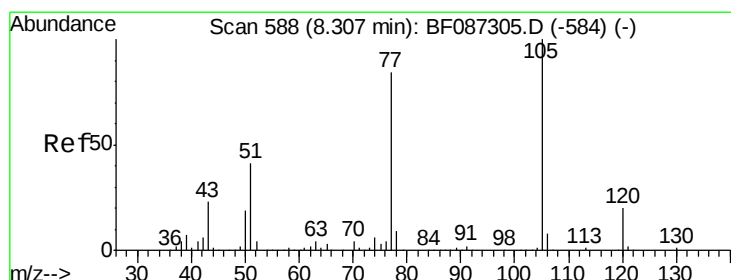
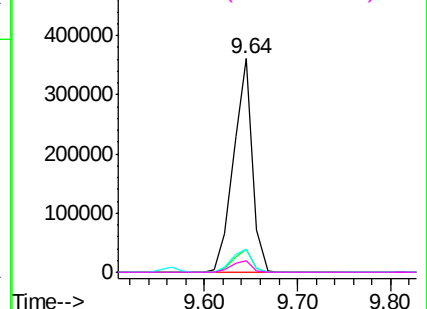
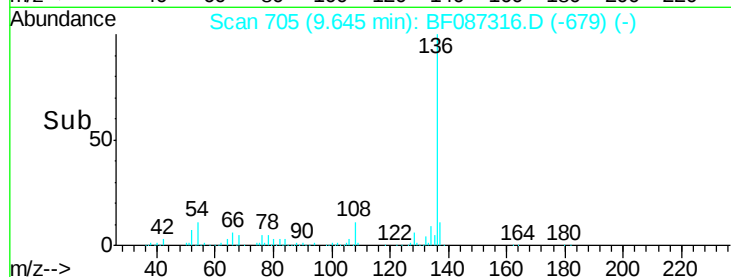


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 44.74 ng

RT: 8.30 min Scan# 587

Delta R.T. -0.01 min

Lab File: BF087316.D

Acq: 23 May 2016 23:58

Tgt Ion:105 Resp: 540497

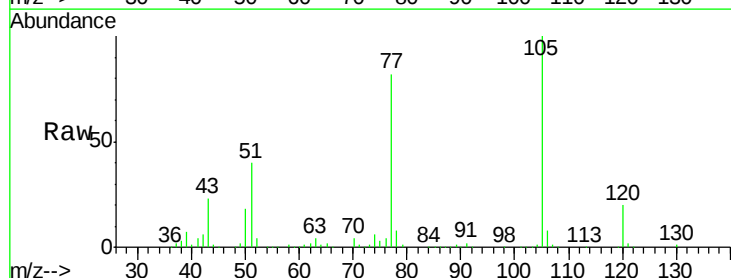
Ion Ratio Lower Upper

105 100

71 0.8 4.8 7.2#

51 40.3 32.6 49.0

120 20.0 16.5 24.7

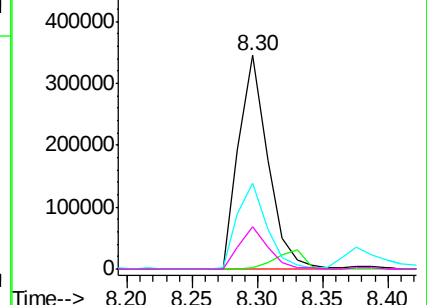
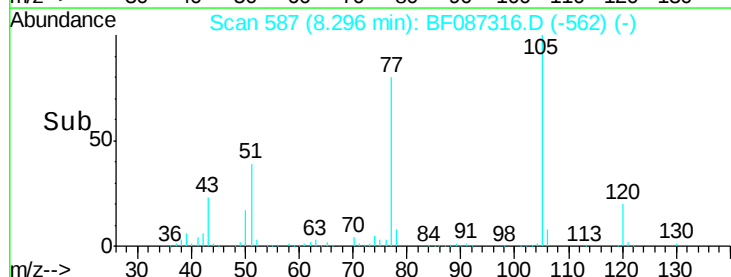


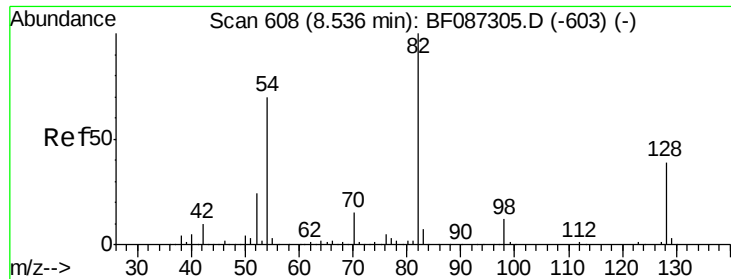
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

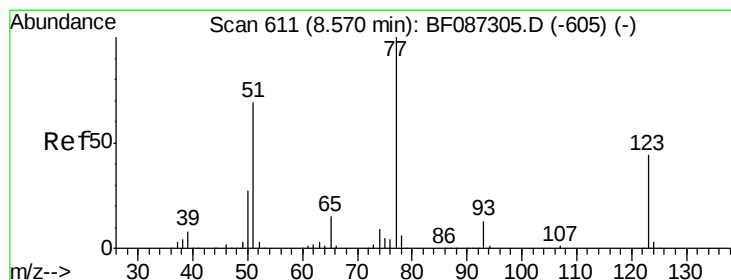
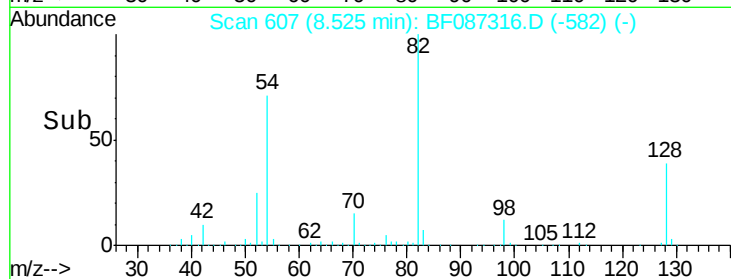
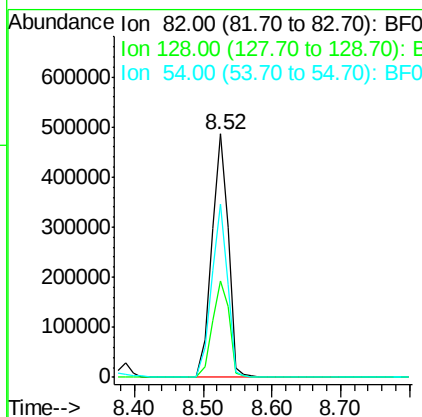
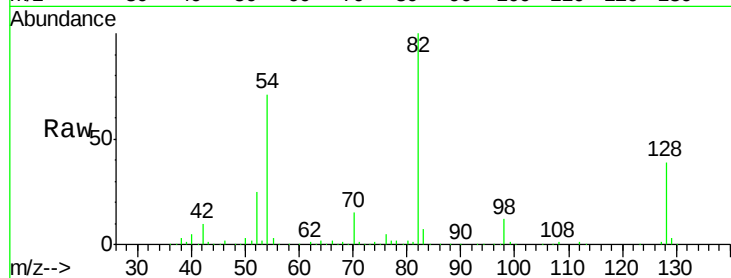




#23
 Nitrobenzene-d5
 Concen: 81.85 ng
 RT: 8.52 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF087316.D
 Acq: 23 May 2016 23:58

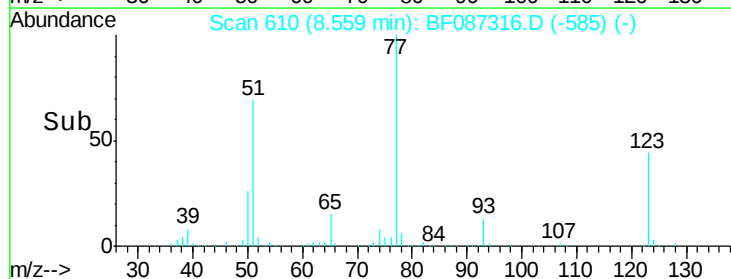
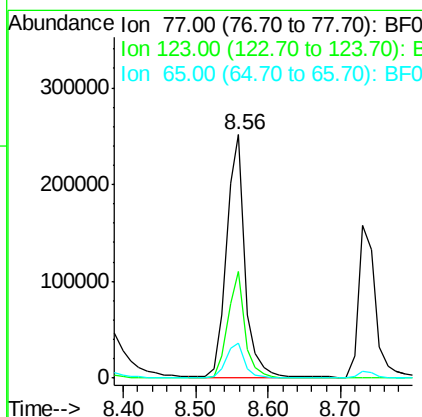
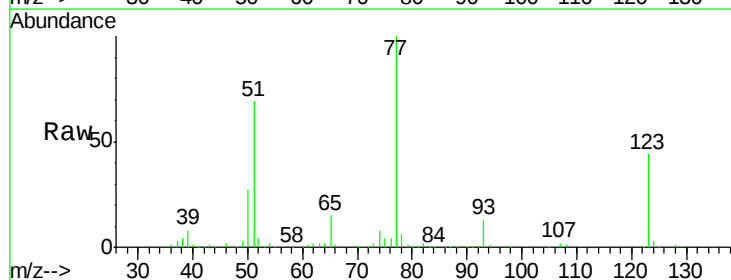
Instrument :
 BNA_F
 ClientSampleId :
 PB90822BS

Tgt Ion: 82 Resp: 821164
 Ion Ratio Lower Upper
 82 100
 128 39.3 40.6 61.0#
 54 71.0 38.1 57.1#



#24
 Nitrobenzene
 Concen: 41.08 ng
 RT: 8.56 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF087316.D
 Acq: 23 May 2016 23:58

Tgt Ion: 77 Resp: 435066
 Ion Ratio Lower Upper
 77 100
 123 43.8 33.0 49.4
 65 14.6 10.8 16.2





#25

Isophorone

Concen: 42.22 ng

RT: 8.95 min Scan# 644

Delta R.T. -0.01 min

Lab File: BF087316.D

Acq: 23 May 2016 23:58

Instrument :

BNA_F

ClientSampleId :

PB90822BS

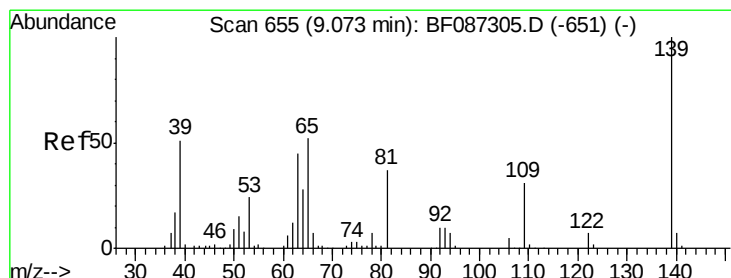
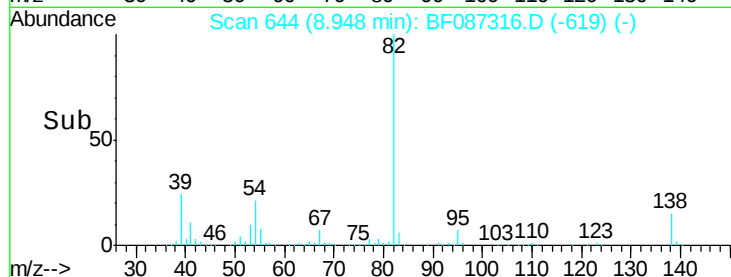
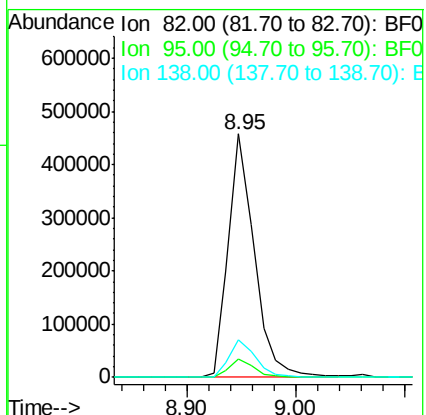
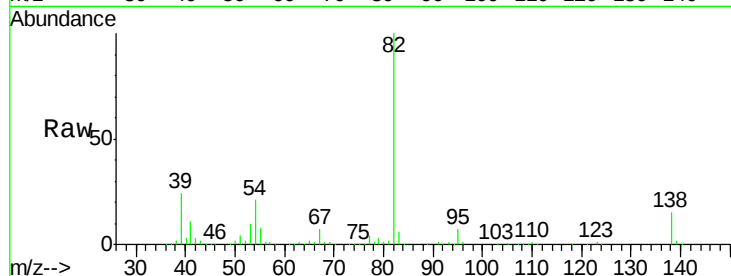
Tgt Ion: 82 Resp: 759650

Ion Ratio Lower Upper

82 100

95 7.4 5.1 7.7

138 15.4 12.4 18.6



#26

2-Nitrophenol

Concen: 44.05 ng

RT: 9.06 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF087316.D

Acq: 23 May 2016 23:58

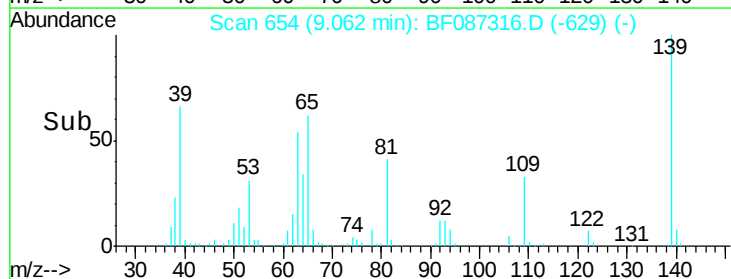
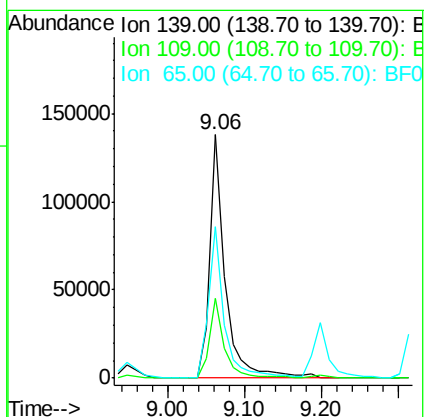
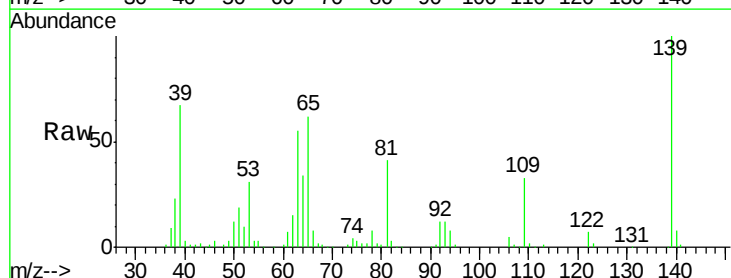
Tgt Ion: 139 Resp: 190676

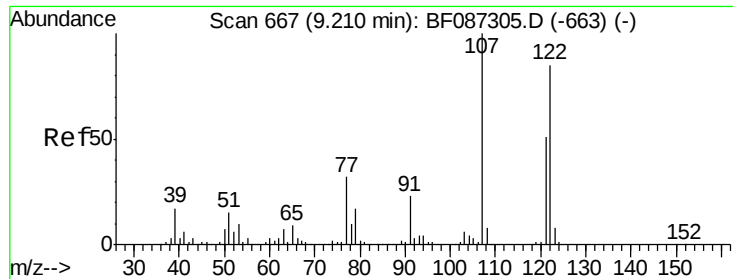
Ion Ratio Lower Upper

139 100

109 33.0 19.5 29.3#

65 62.0 37.5 56.3#

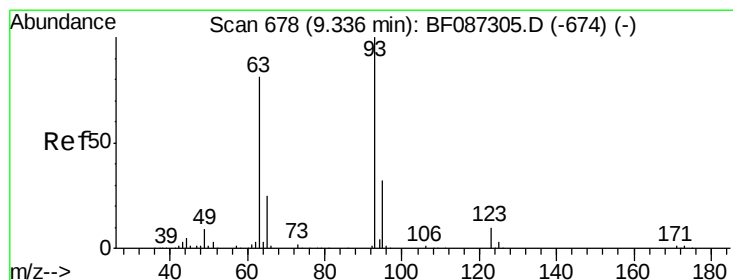
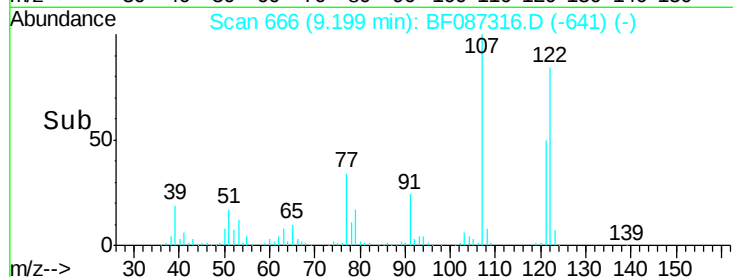
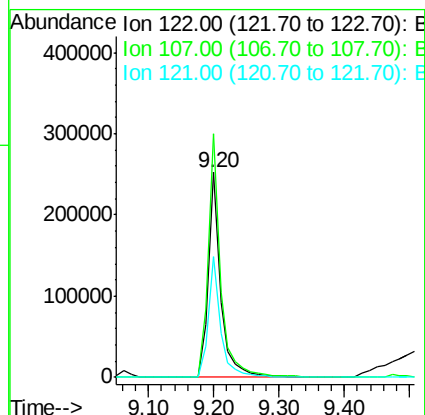
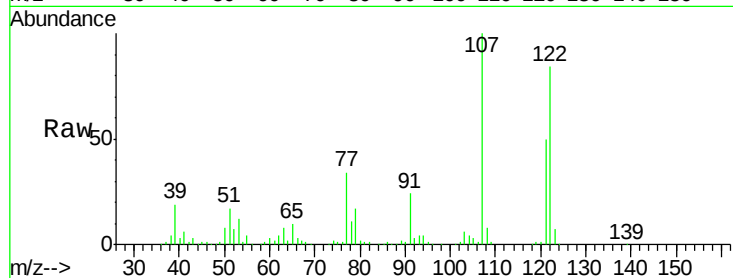




#27
 2,4-Dimethylphenol
 Concen: 44.68 ng
 RT: 9.20 min Scan# 666
 Delta R.T. -0.01 min
 Lab File: BF087316.D
 Acq: 23 May 2016 23:58

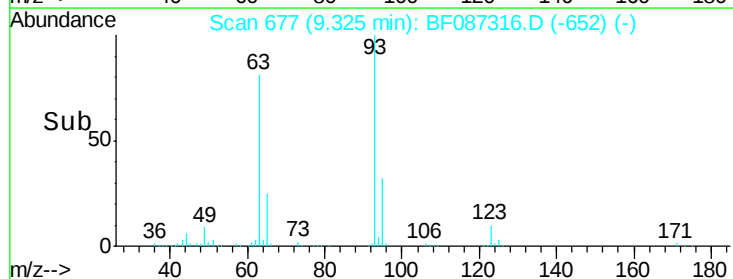
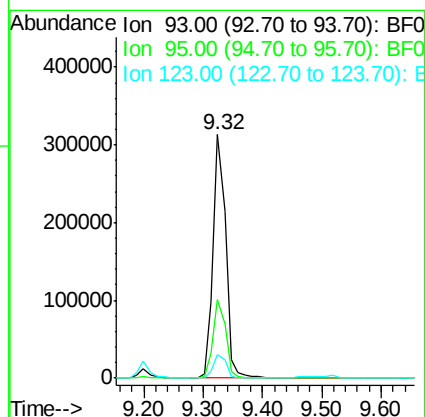
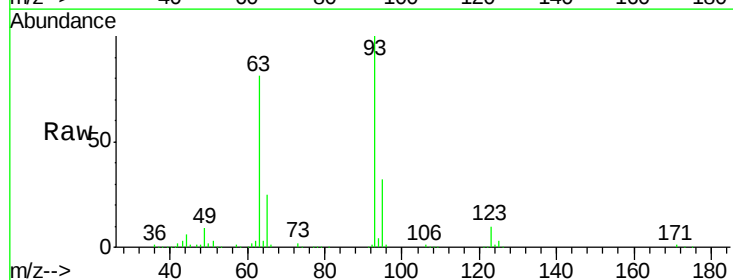
Instrument :
 BNA_F
 ClientSampleId :
 PB90822BS

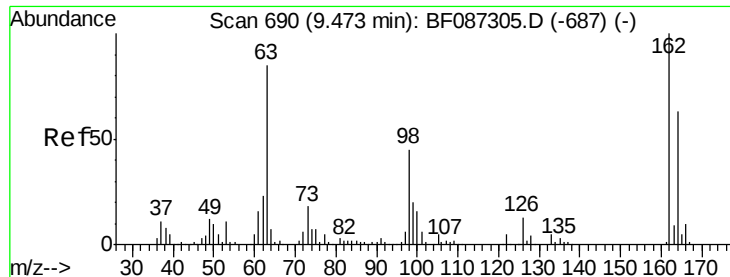
Tgt Ion:122 Resp: 335738
 Ion Ratio Lower Upper
 122 100
 107 119.0 82.0 123.0
 121 59.1 46.1 69.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.87 ng
 RT: 9.32 min Scan# 677
 Delta R.T. -0.01 min
 Lab File: BF087316.D
 Acq: 23 May 2016 23:58

Tgt Ion: 93 Resp: 464939
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.0 39.0
 123 9.7 9.5 14.3

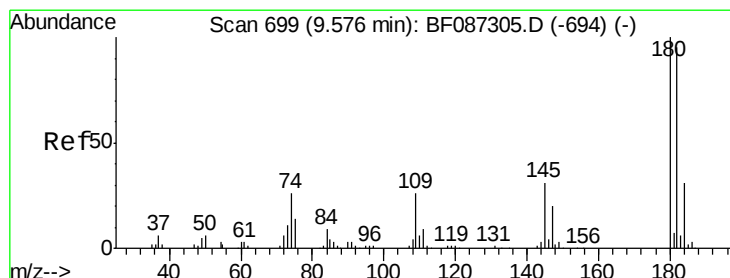
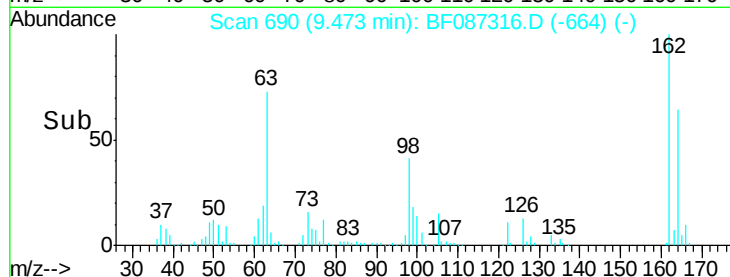
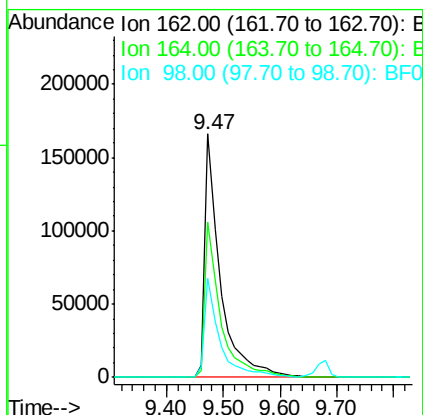
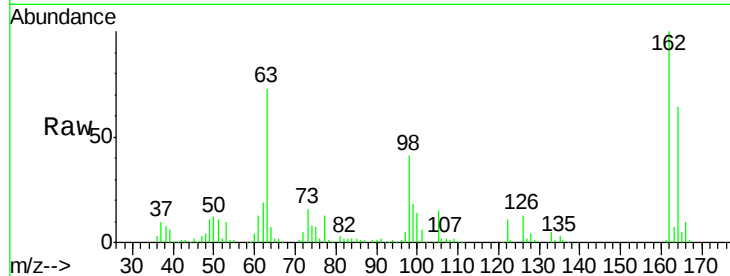




#29
 2,4-Dichlorophenol
 Concen: 44.97 ng
 RT: 9.47 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: BF087316.D
 Acq: 23 May 2016 23:58

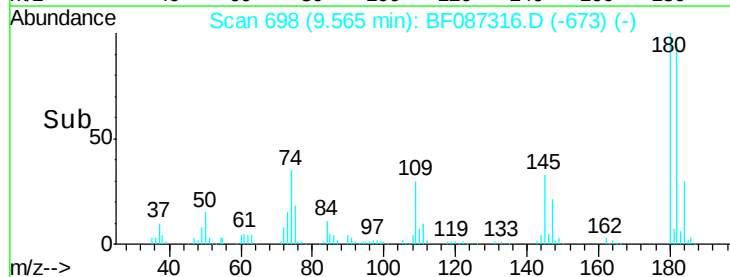
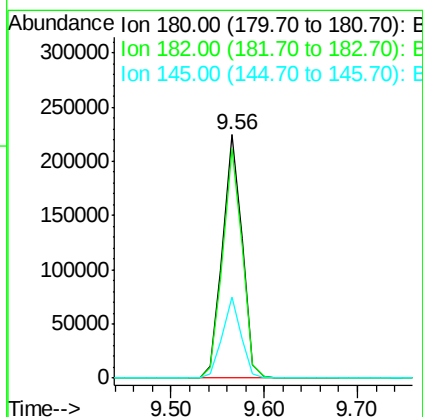
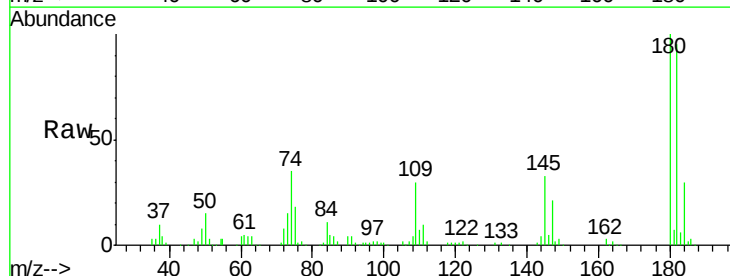
Instrument :
 BNA_F
 ClientSampleId :
 PB90822BS

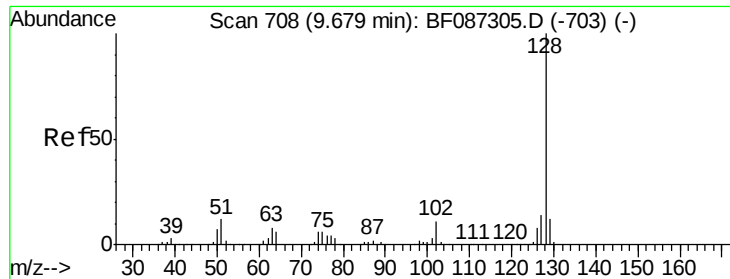
Tgt Ion:162 Resp: 304577
 Ion Ratio Lower Upper
 162 100
 164 63.7 42.2 82.2
 98 40.9 19.0 59.0



#30
 1,2,4-Trichlorobenzene
 Concen: 42.62 ng
 RT: 9.56 min Scan# 698
 Delta R.T. -0.01 min
 Lab File: BF087316.D
 Acq: 23 May 2016 23:58

Tgt Ion:180 Resp: 330455
 Ion Ratio Lower Upper
 180 100
 182 94.5 78.0 117.0
 145 33.1 24.2 36.2

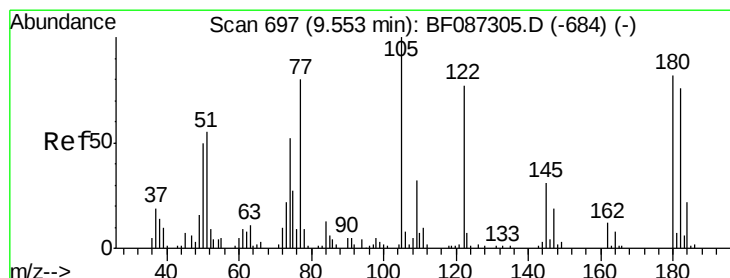
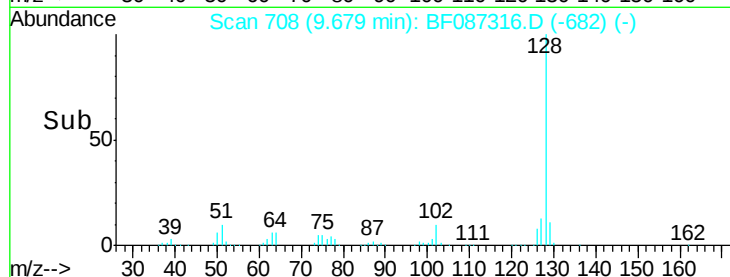
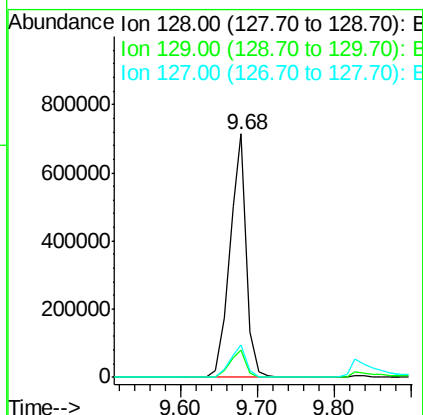
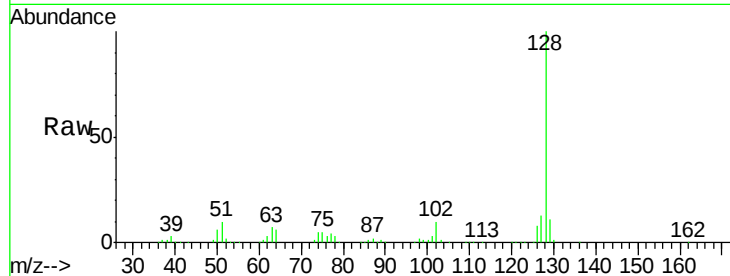




#31
Naphthalene
Concen: 42.57 ng
RT: 9.68 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF087316.D
Acq: 23 May 2016 23:58

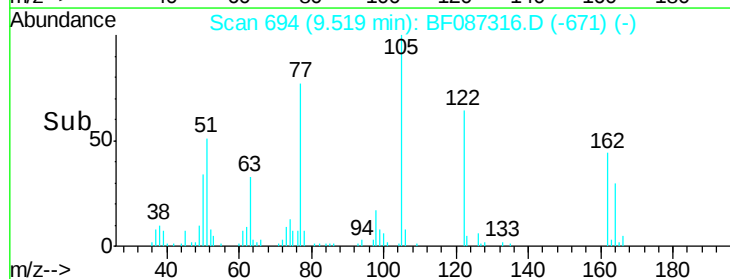
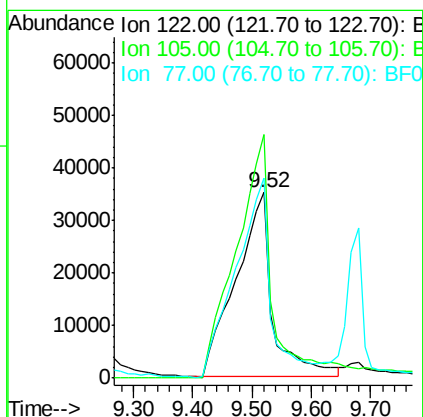
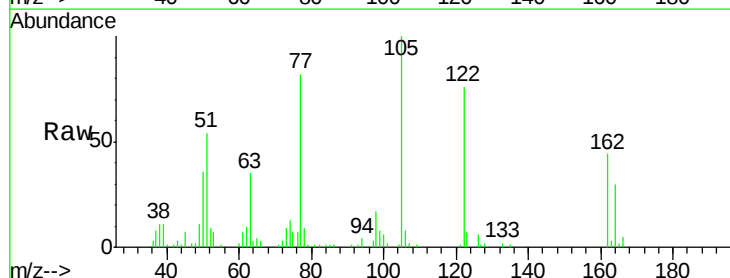
Instrument :
BNA_F
ClientSampleId :
PB90822BS

Tgt Ion:128 Resp: 1078676
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 39.70 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.03 min
Lab File: BF087316.D
Acq: 23 May 2016 23:58

Tgt Ion:122 Resp: 149212
Ion Ratio Lower Upper
122 100
105 131.1 92.6 132.6
77 107.7 60.0 100.0#

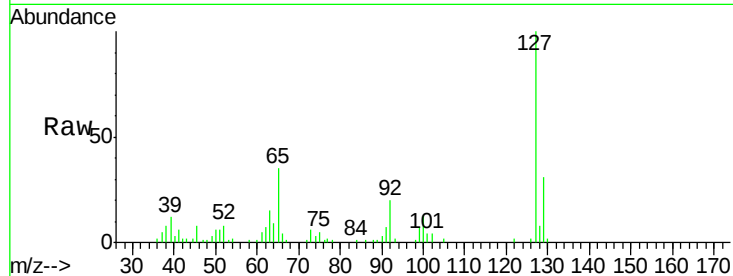




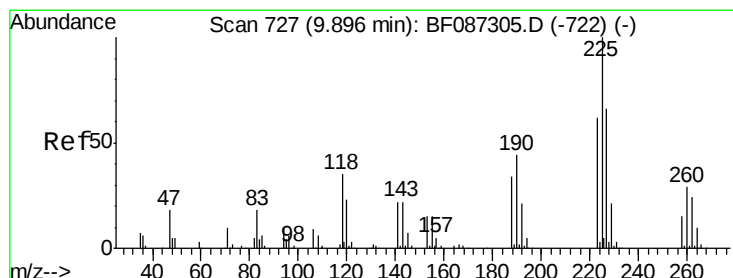
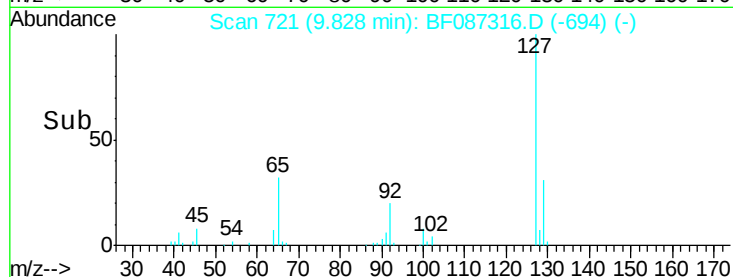
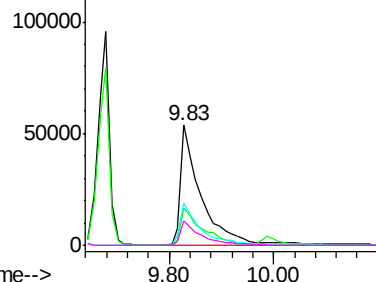
#33
4-Chloroaniline
Concen: 15.83 ng
RT: 9.83 min Scan# 721
Delta R.T. 0.01 min
Lab File: BF087316.D
Acq: 23 May 2016 23:58

Instrument :
BNA_F
ClientSampleId :
PB90822BS

Tgt Ion:	127	Resp:	147714
Ion	Ratio	Lower	Upper
127	100		
129	30.8	26.2	39.4
65	35.0	23.0	34.4#
92	20.0	15.1	22.7

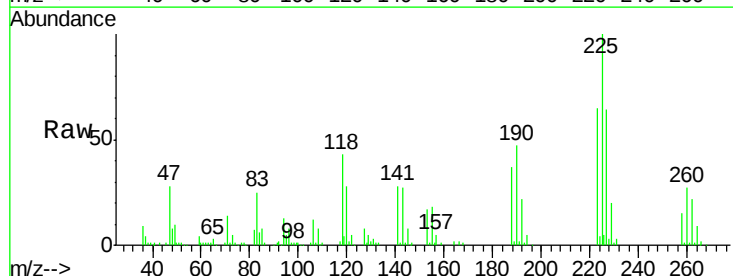


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

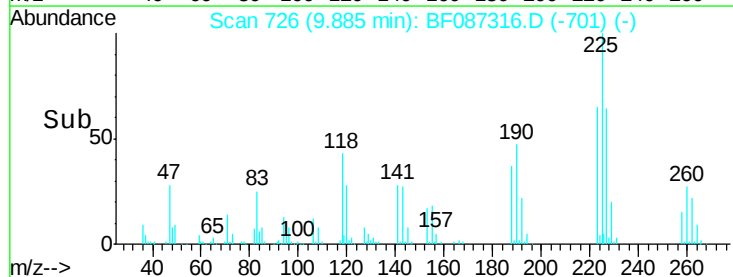
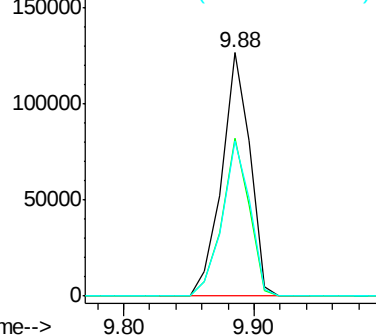


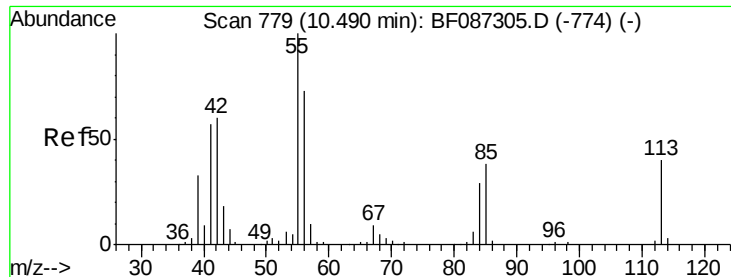
#34
Hexachlorobutadiene
Concen: 40.47 ng
RT: 9.88 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF087316.D
Acq: 23 May 2016 23:58

Tgt Ion:	225	Resp:	190717
Ion	Ratio	Lower	Upper
225	100		
223	64.6	51.5	77.3
227	64.0	52.2	78.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

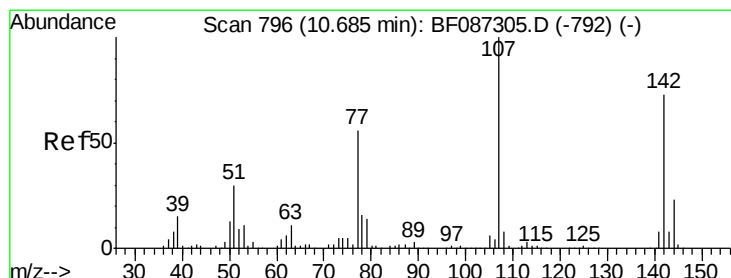
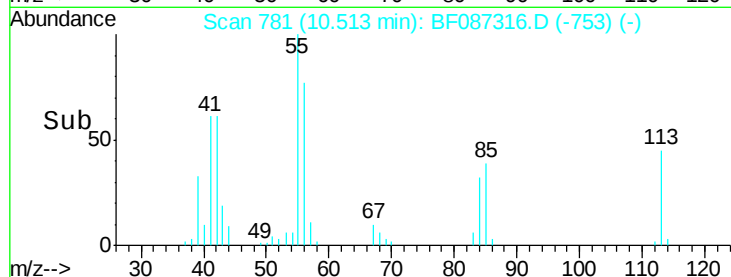
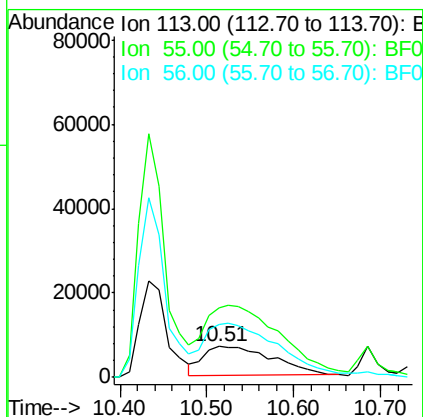
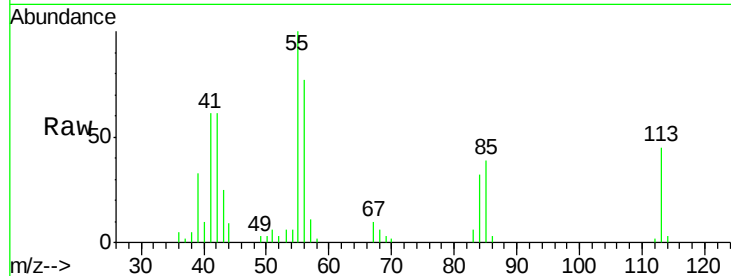




#35
 Caprolactam
 Concen: 19.47 ng
 RT: 10.51 min Scan# 781
 Delta R.T. 0.02 min
 Lab File: BF087316.D
 Acq: 23 May 2016 23:58

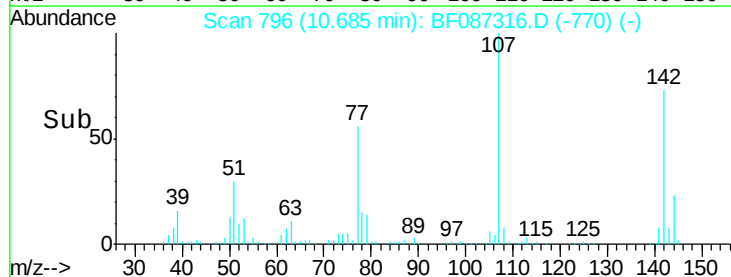
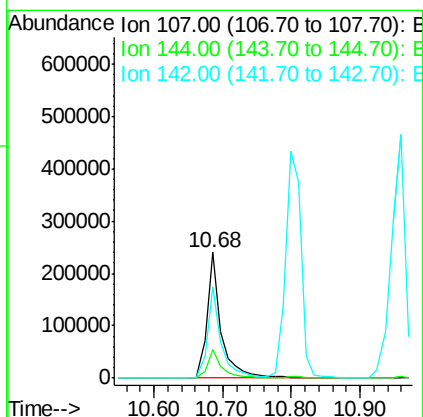
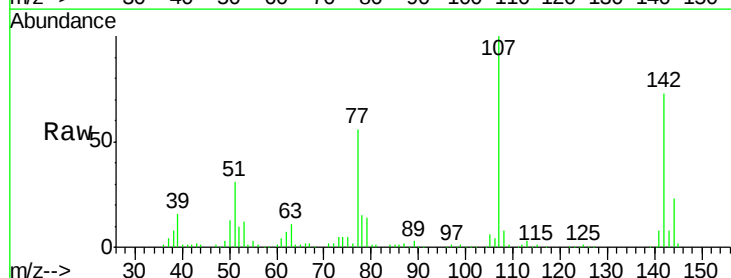
Instrument :
 BNA_F
 ClientSampleId :
 PB90822BS

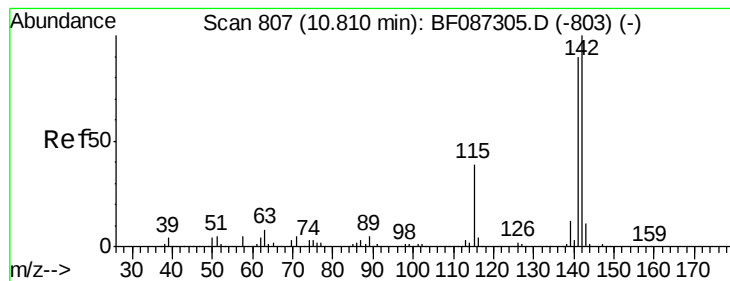
Tgt Ion:113 Resp: 38478
 Ion Ratio Lower Upper
 113 100
 55 223.7 162.0 202.0#
 56 172.4 115.3 155.3#



#36
 4-Chloro-3-methylphenol
 Concen: 45.29 ng
 RT: 10.68 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF087316.D
 Acq: 23 May 2016 23:58

Tgt Ion:107 Resp: 346798
 Ion Ratio Lower Upper
 107 100
 144 23.2 20.7 31.1
 142 72.8 63.2 94.8





#37

2-Methylnaphthalene

Concen: 43.88 ng

RT: 10.80 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF087316.D

Acq: 23 May 2016 23:58

Instrument :

BNA_F

ClientSampleId :

PB90822BS

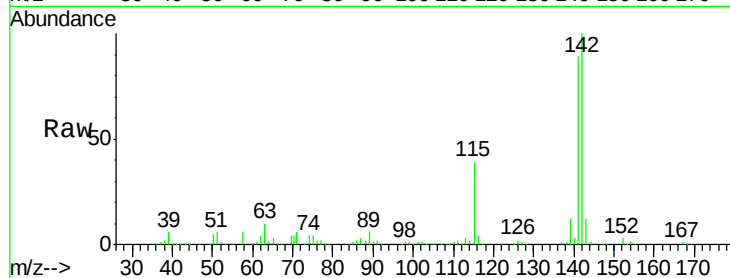
Tgt Ion:142 Resp: 694632

Ion Ratio Lower Upper

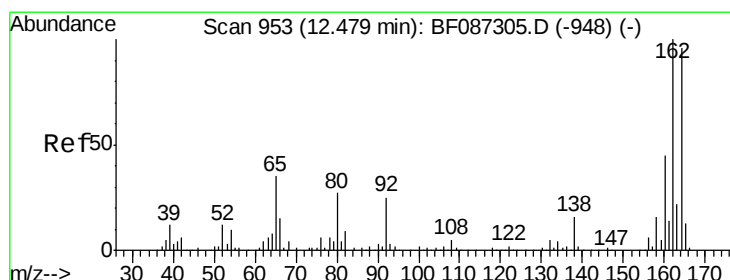
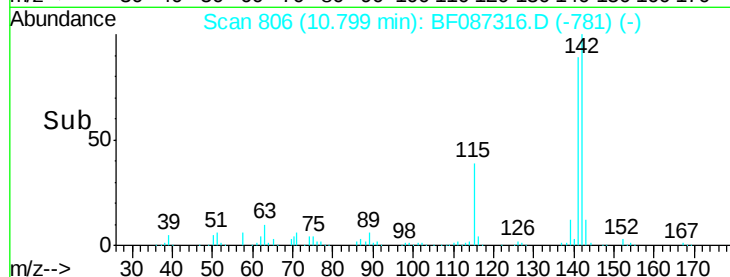
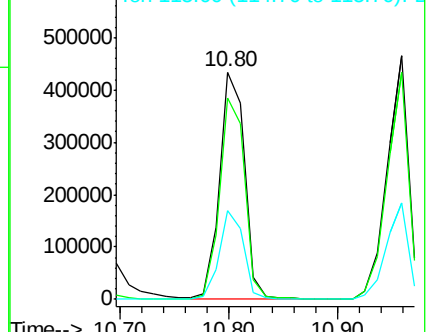
142 100

141 89.0 71.0 106.6

115 39.4 26.6 39.8



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.48 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF087316.D

Acq: 23 May 2016 23:58

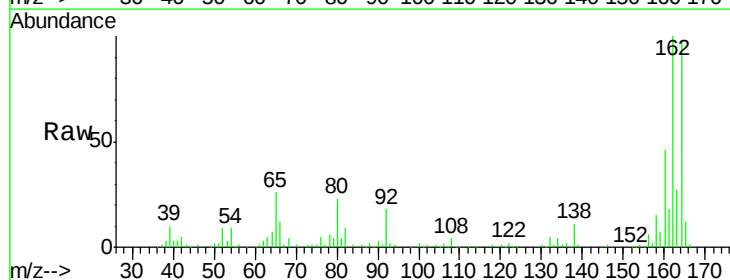
Tgt Ion:164 Resp: 241722

Ion Ratio Lower Upper

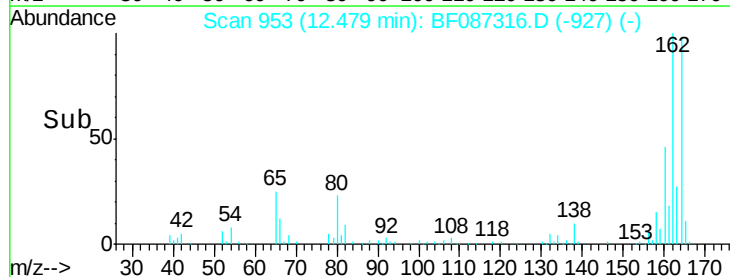
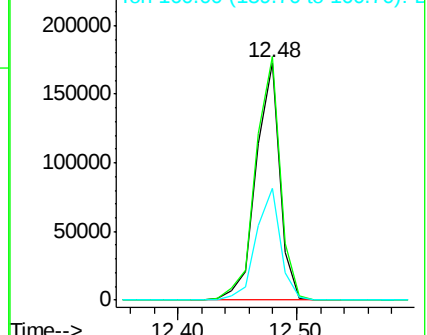
164 100

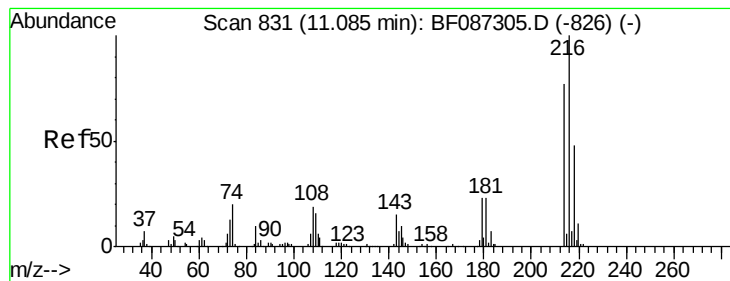
162 102.4 82.8 124.2

160 46.8 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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.41 ng

RT: 11.07 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF087316.D

Acq: 23 May 2016 23:58

Instrument :

BNA_F

ClientSampleId :

PB90822BS

Tgt Ion:216 Resp: 304951

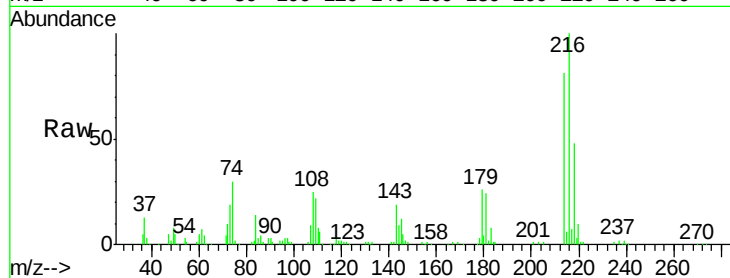
Ion Ratio Lower Upper

216 100

214 79.2 62.6 93.8

179 23.6 18.2 27.4

108 24.2 17.5 26.3

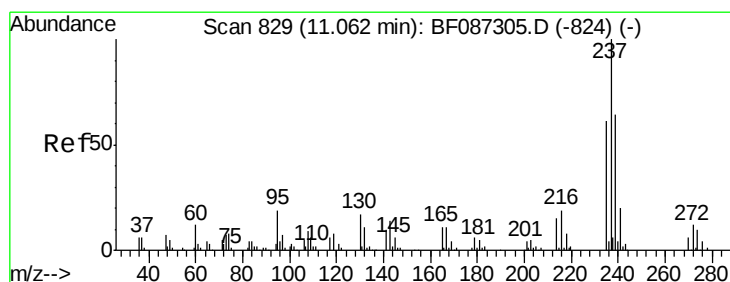
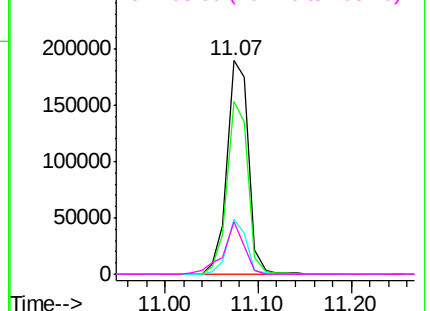
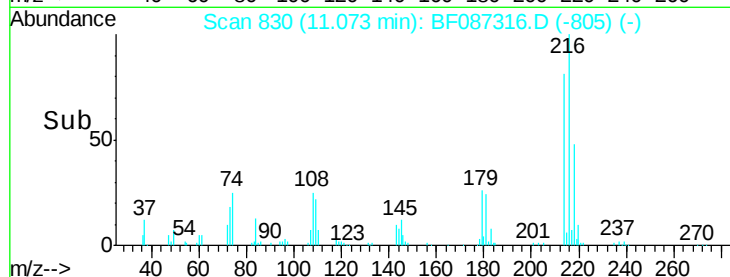


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 78.92 ng

RT: 11.05 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF087316.D

Acq: 23 May 2016 23:58

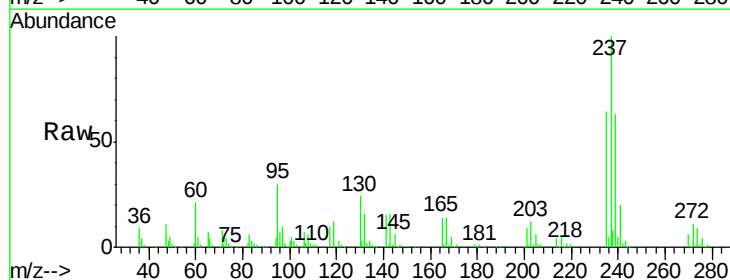
Tgt Ion:237 Resp: 250821

Ion Ratio Lower Upper

237 100

235 63.6 47.2 87.2

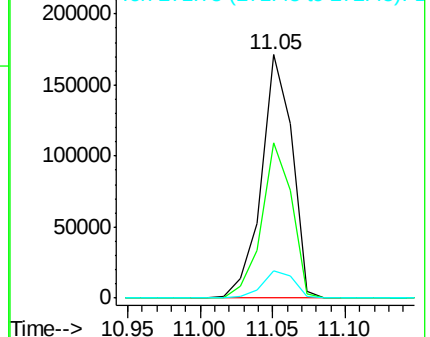
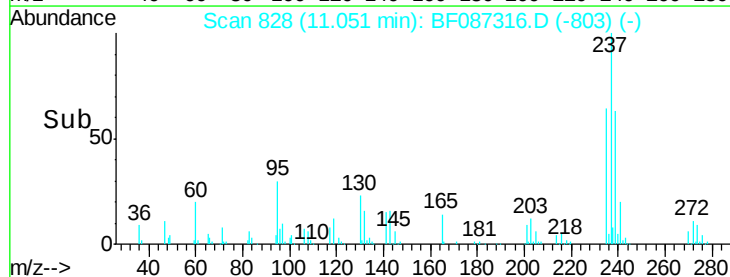
272 11.2 0.0 31.1

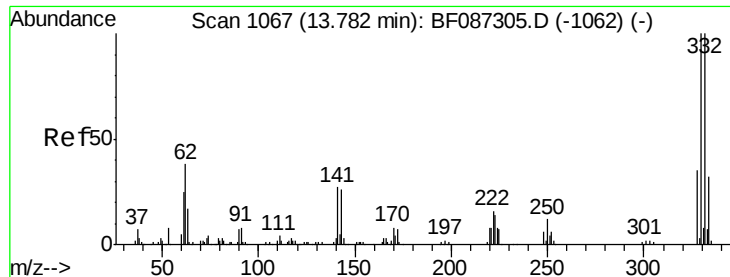


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

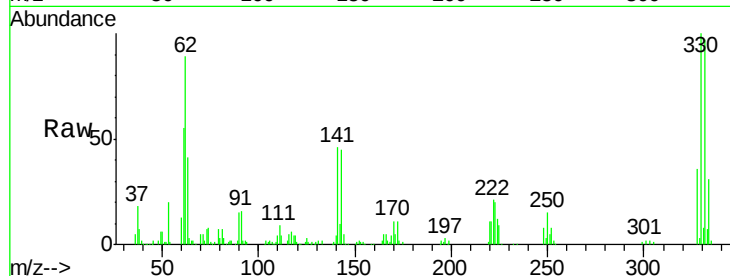




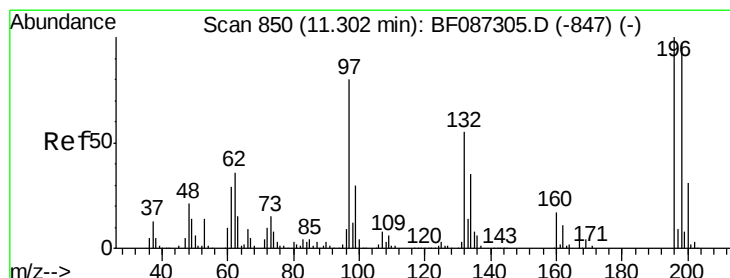
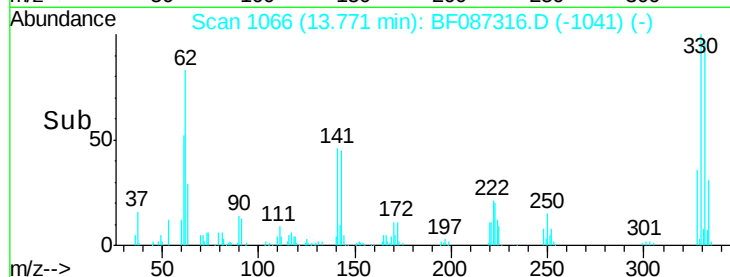
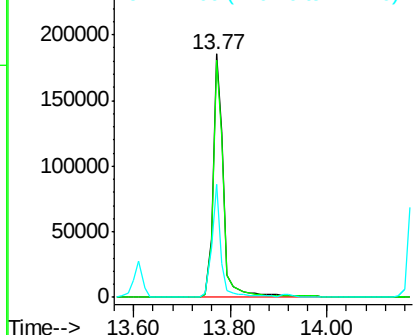
#41
 2,4,6-Tribromophenol
 Concen: 124.05 ng
 RT: 13.77 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BF087316.D
 Acq: 23 May 2016 23:58

Instrument :
 BNA_F
 ClientSampleId :
 PB90822BS

Tgt Ion:330 Resp: 288164
 Ion Ratio Lower Upper
 330 100
 332 96.7 79.0 118.4
 141 40.6 31.2 46.8

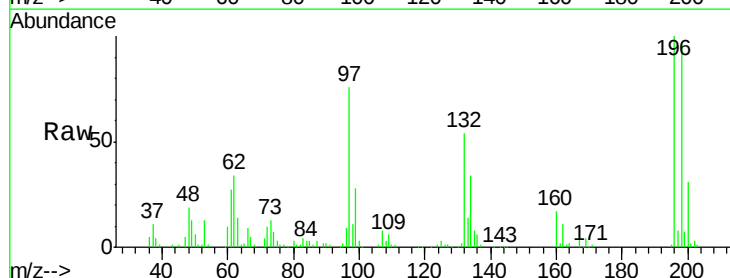


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

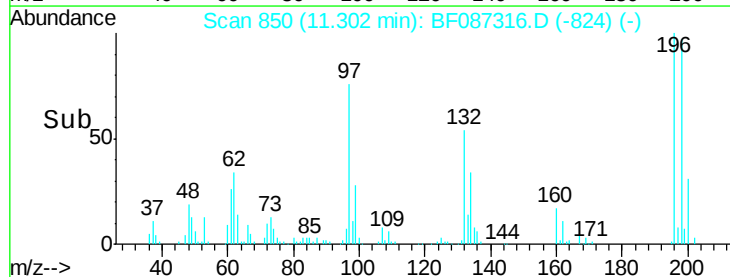
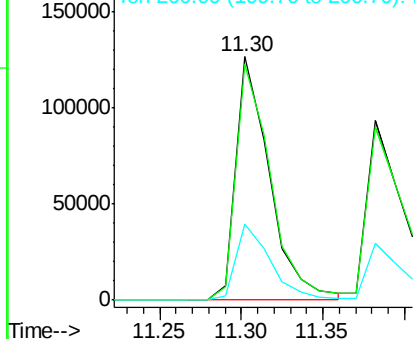


#42
 2,4,6-Trichlorophenol
 Concen: 40.49 ng
 RT: 11.30 min Scan# 850
 Delta R.T. 0.00 min
 Lab File: BF087316.D
 Acq: 23 May 2016 23:58

Tgt Ion:196 Resp: 180833
 Ion Ratio Lower Upper
 196 100
 198 97.2 74.7 112.1
 200 31.1 23.8 35.6



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

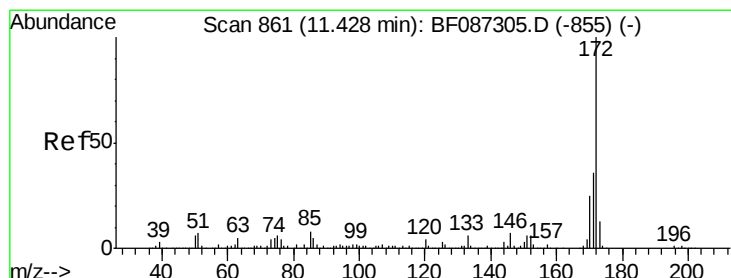
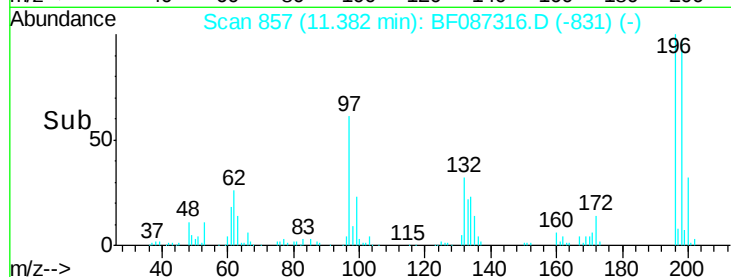
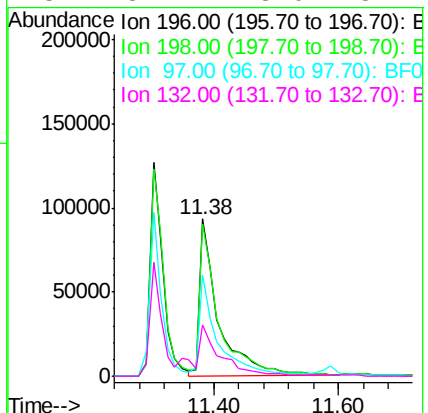
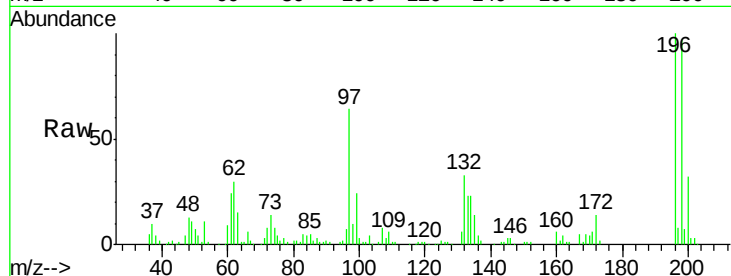




#43
 2,4,5-Trichlorophenol
 Concen: 42.93 ng
 RT: 11.38 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF087316.D
 Acq: 23 May 2016 23:58

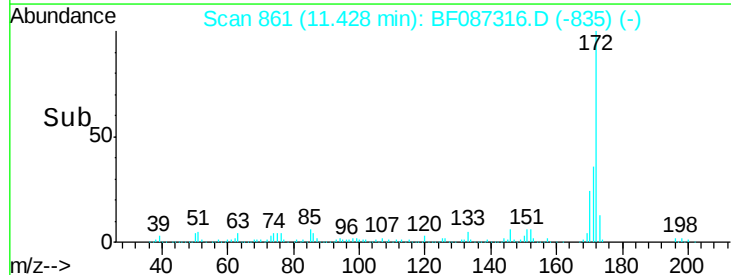
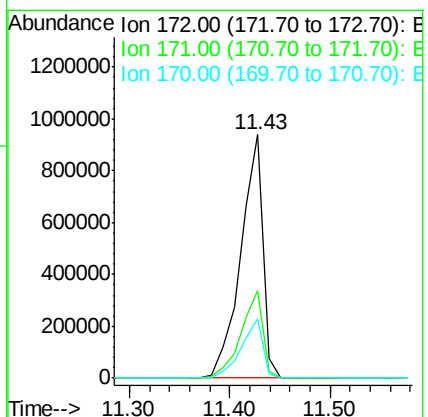
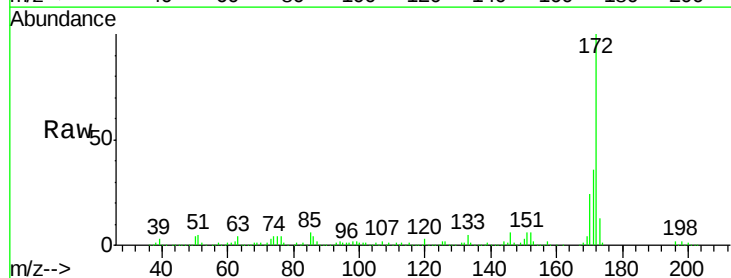
Instrument :
 BNA_F
 ClientSampleId :
 PB90822BS

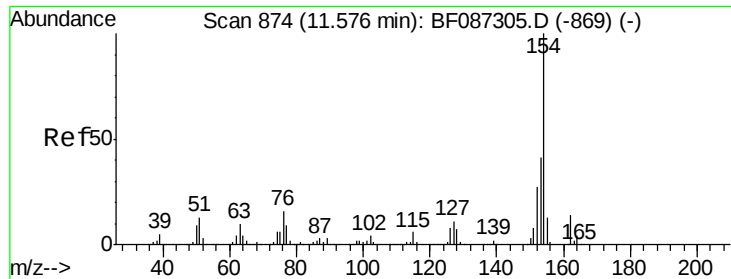
Tgt Ion	Resp	Lower	Upper
196	195266		
196	100		
198	97.1	77.5	116.3
97	64.1	34.8	52.2
132	32.7	23.0	34.4



#44
 2-Fluorobiphenyl
 Concen: 83.76 ng
 RT: 11.43 min Scan# 861
 Delta R.T. 0.00 min
 Lab File: BF087316.D
 Acq: 23 May 2016 23:58

Tgt Ion	Resp	Lower	Upper
172	1436222		
172	100		
171	35.9	29.0	43.6
170	24.2	19.8	29.8

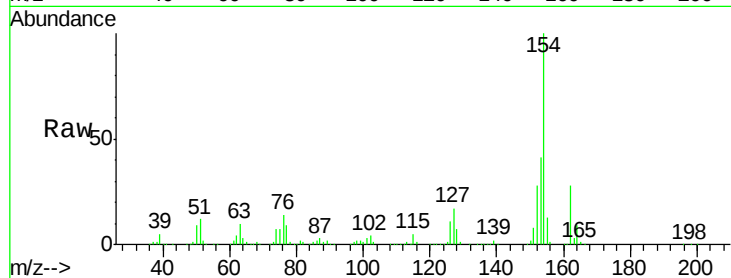




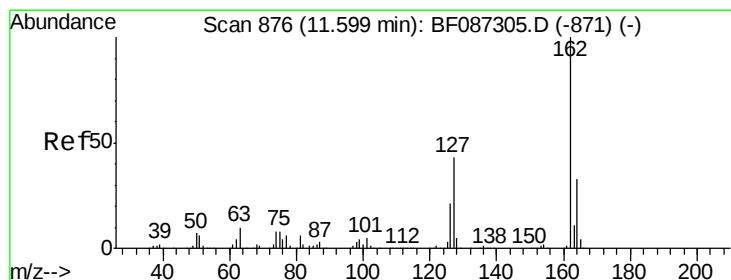
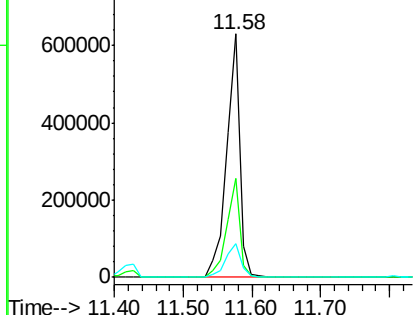
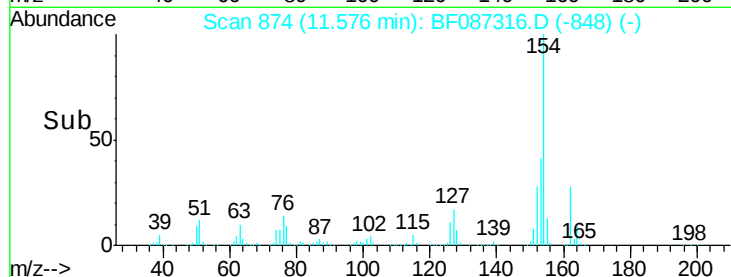
#45
 1,1'-Biphenyl
 Concen: 42.32 ng
 RT: 11.58 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: BF087316.D
 Acq: 23 May 2016 23:58

Instrument :
 BNA_F
 ClientSampleId :
 PB90822BS

Tgt Ion:154 Resp: 861376
 Ion Ratio Lower Upper
 154 100
 153 40.6 20.3 60.3
 76 13.6 0.0 30.2

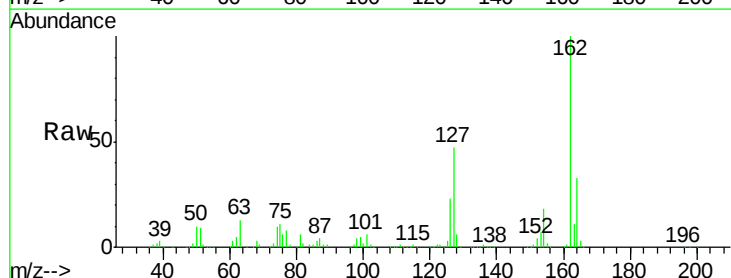


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

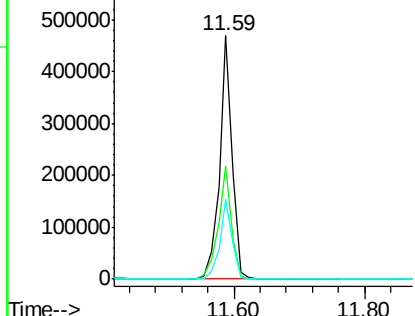
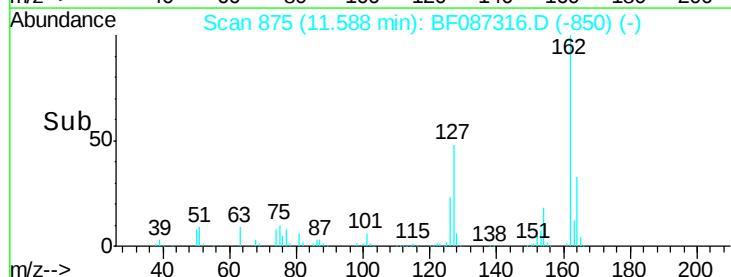


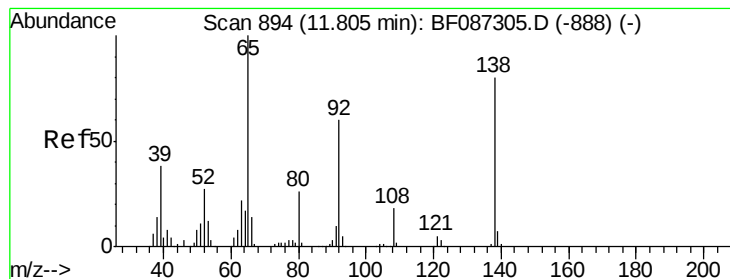
#46
 2-Chloronaphthalene
 Concen: 40.92 ng
 RT: 11.59 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BF087316.D
 Acq: 23 May 2016 23:58

Tgt Ion:162 Resp: 637069
 Ion Ratio Lower Upper
 162 100
 127 46.6 31.8 47.6
 164 32.6 27.0 40.6



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 44.01 ng

RT: 11.80 min Scan# 894

Delta R.T. 0.00 min

Lab File: BF087316.D

Acq: 23 May 2016 23:58

Instrument :

BNA_F

ClientSampleID :

PB90822BS

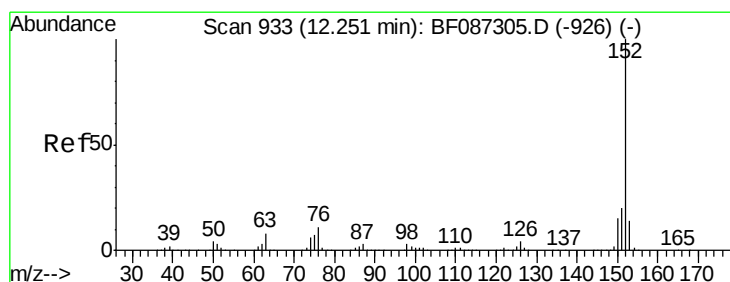
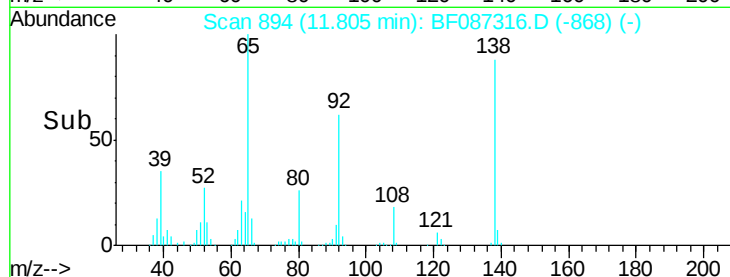
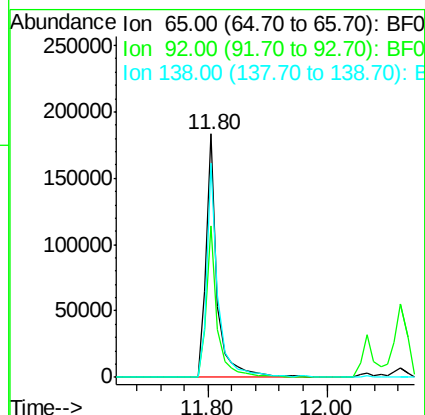
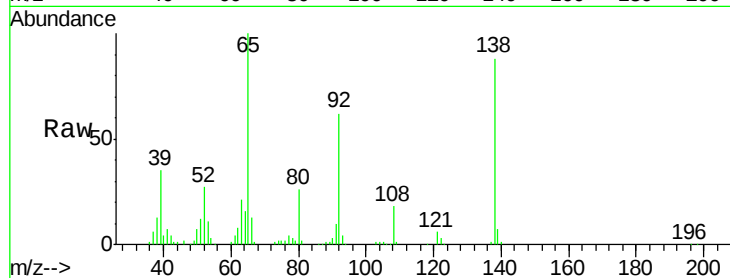
Tgt Ion: 65 Resp: 246904

Ion Ratio Lower Upper

65 100

92 62.3 57.4 86.2

138 87.7 90.1 135.1#



#48

Acenaphthylene

Concen: 42.16 ng

RT: 12.25 min Scan# 933

Delta R.T. 0.00 min

Lab File: BF087316.D

Acq: 23 May 2016 23:58

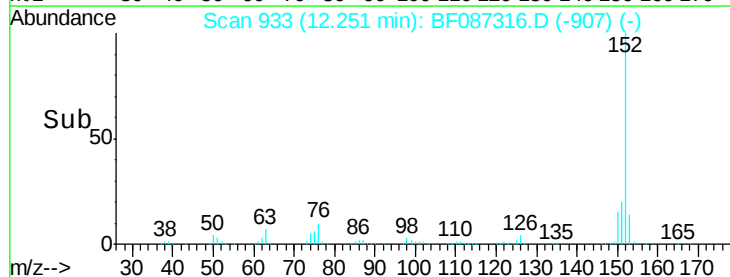
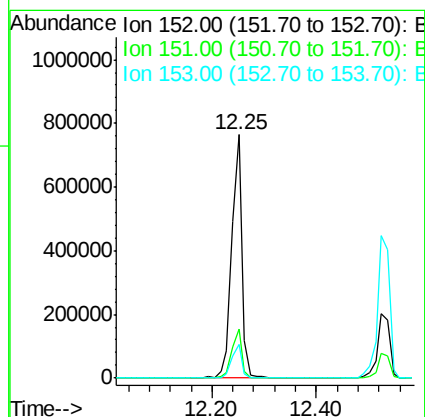
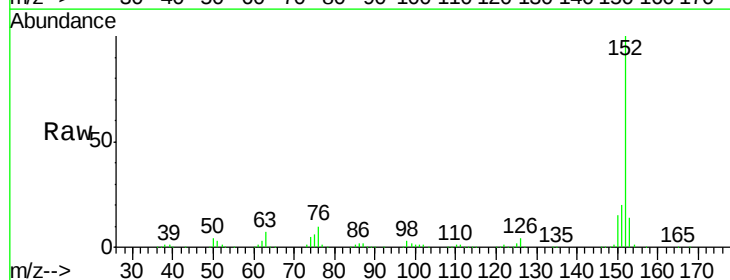
Tgt Ion: 152 Resp: 1039259

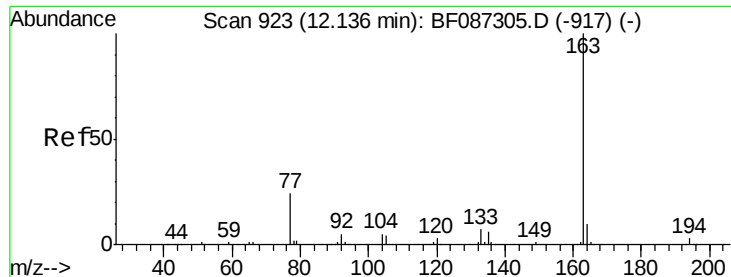
Ion Ratio Lower Upper

152 100

151 20.3 16.8 25.2

153 13.7 10.9 16.3

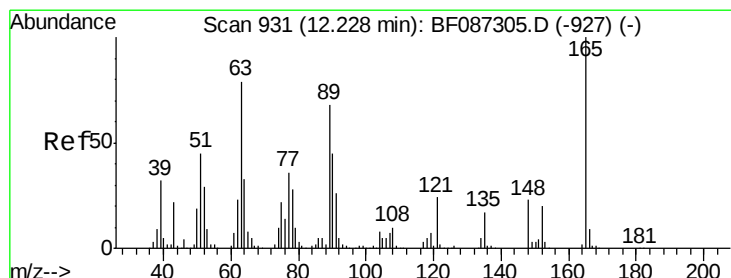
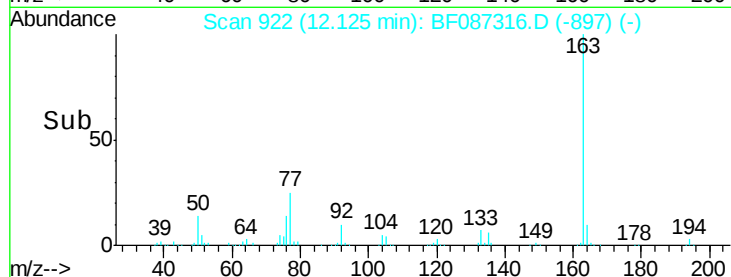
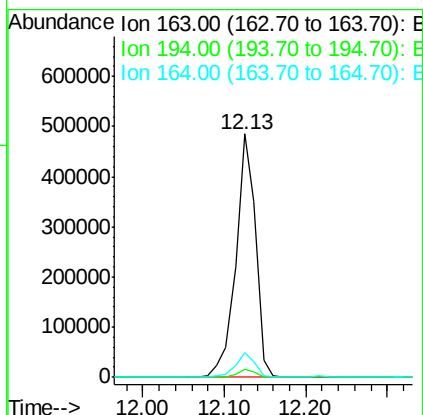
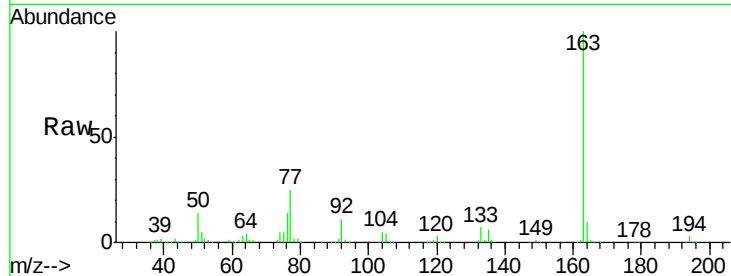




#49
Dimethylphthalate
Concen: 41.89 ng
RT: 12.13 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF087316.D
Acq: 23 May 2016 23:58

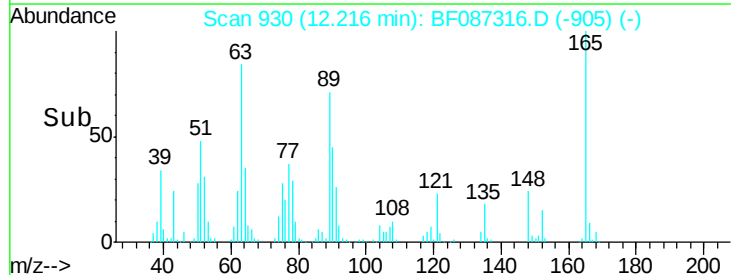
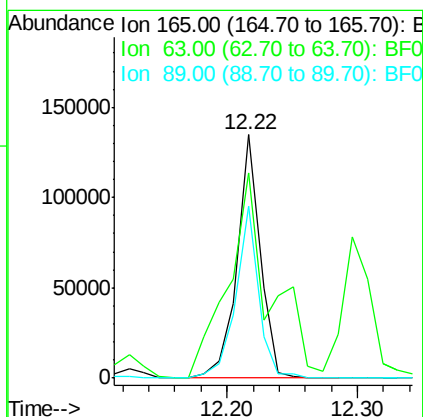
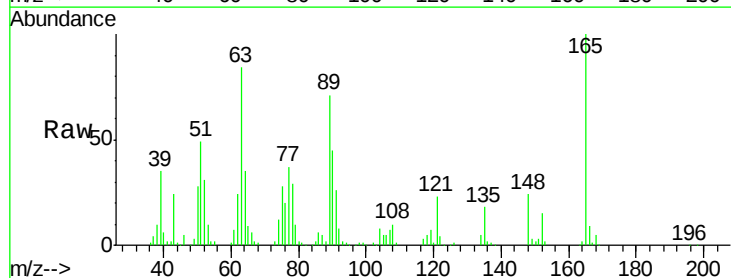
Instrument :
BNA_F
ClientSampleId :
PB90822BS

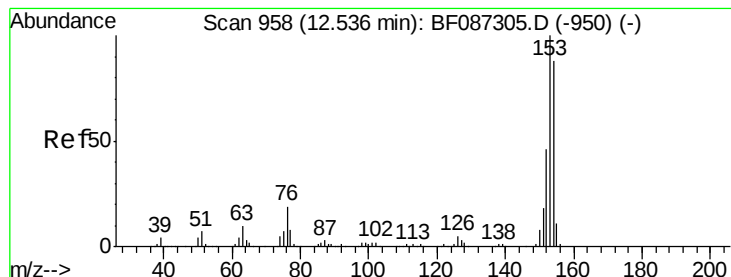
Tgt Ion:163 Resp: 811116
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.3 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 42.62 ng
RT: 12.22 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF087316.D
Acq: 23 May 2016 23:58

Tgt Ion:165 Resp: 166279
Ion Ratio Lower Upper
165 100
63 84.2 51.8 77.8#
89 70.8 50.7 76.1





#51

Acenaphthene

Concen: 41.44 ng

RT: 12.53 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF087316.D

Acq: 23 May 2016 23:58

Instrument :

BNA_F

ClientSampleId :

PB90822BS

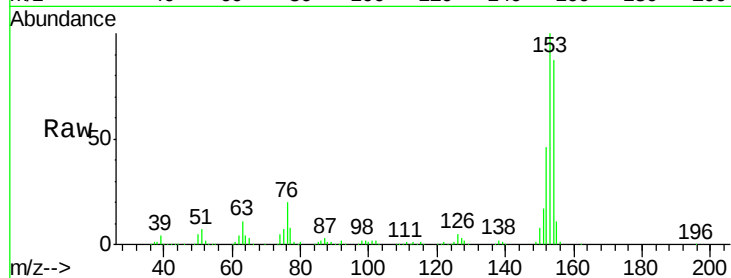
Tgt Ion:154 Resp: 627825

Ion Ratio Lower Upper

154 100

153 115.1 89.8 134.6

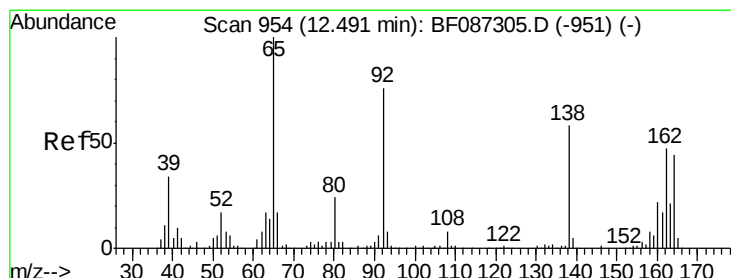
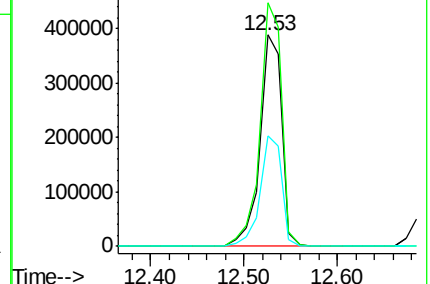
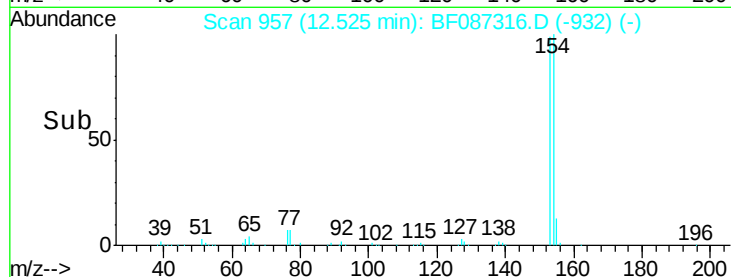
152 52.4 43.4 65.0



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



#52

3-Nitroaniline

Concen: 21.64 ng

RT: 12.49 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF087316.D

Acq: 23 May 2016 23:58

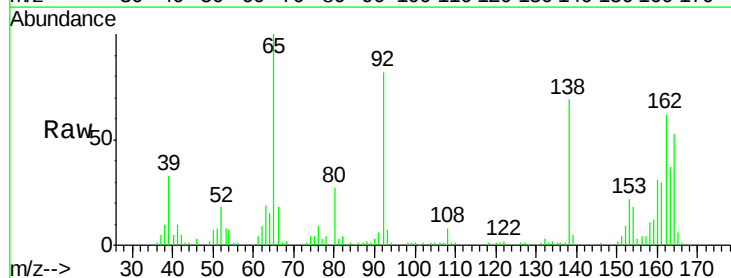
Tgt Ion:138 Resp: 86643

Ion Ratio Lower Upper

138 100

108 12.2 7.8 11.6#

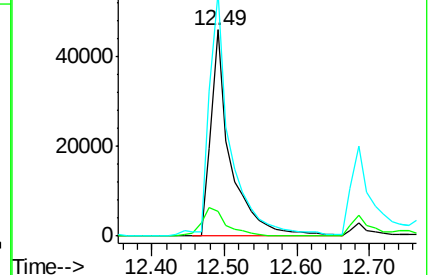
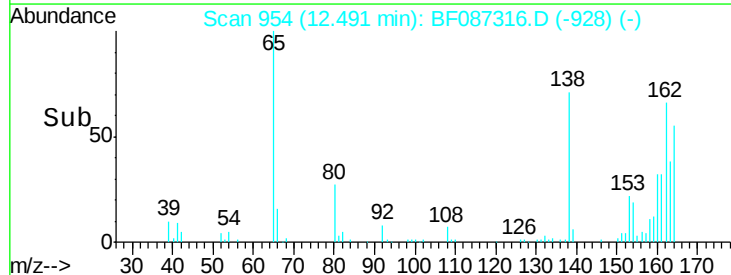
92 118.1 87.8 131.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

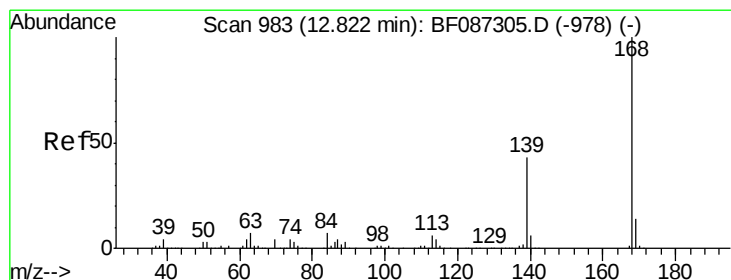
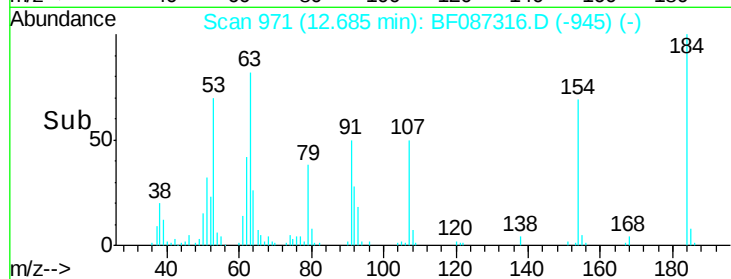
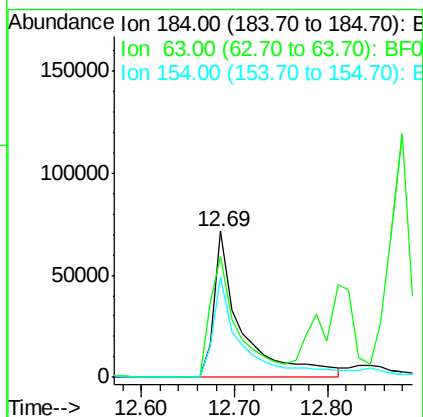
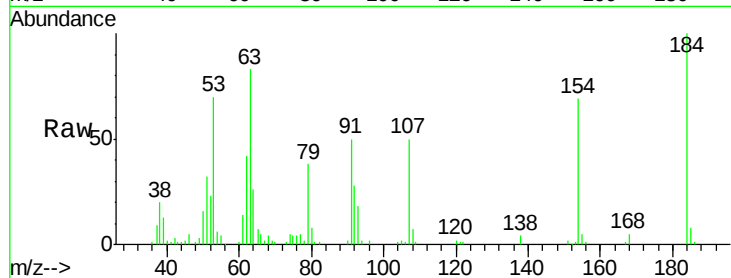




#53
2,4-Dinitrophenol
Concen: 73.85 ng
RT: 12.69 min Scan# 971
Delta R.T. 0.00 min
Lab File: BF087316.D
Acq: 23 May 2016 23:58

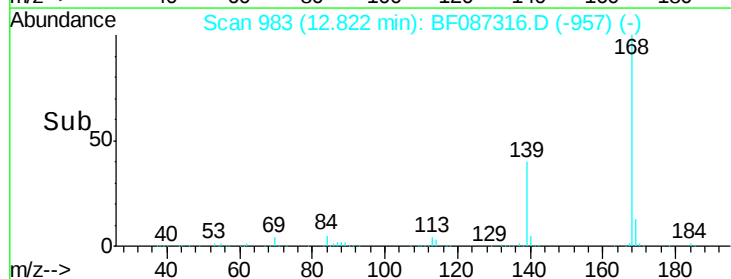
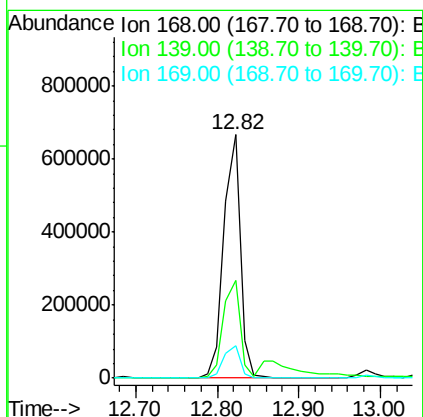
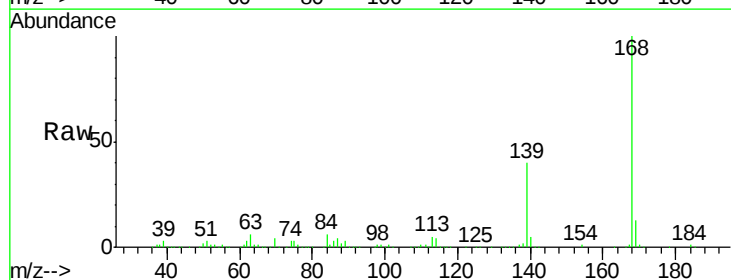
Instrument :
BNA_F
ClientSampleId :
PB90822BS

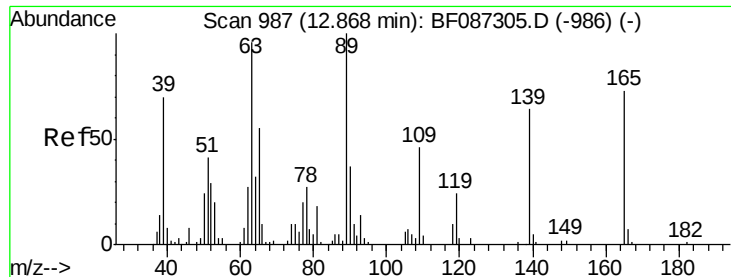
Tgt Ion:184 Resp: 146373
Ion Ratio Lower Upper
184 100
63 83.1 55.8 83.8
154 69.0 62.4 93.6



#54
Dibenzofuran
Concen: 45.85 ng
RT: 12.82 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF087316.D
Acq: 23 May 2016 23:58

Tgt Ion:168 Resp: 940474
Ion Ratio Lower Upper
168 100
139 40.2 31.4 47.0
169 13.3 10.7 16.1

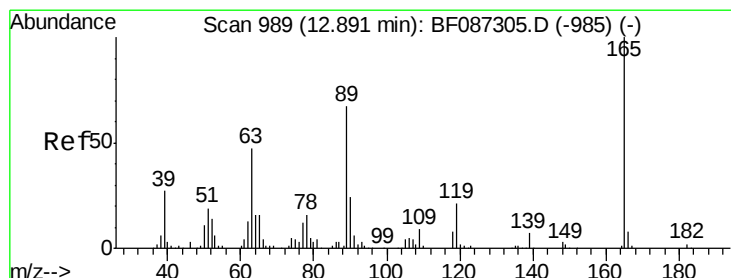
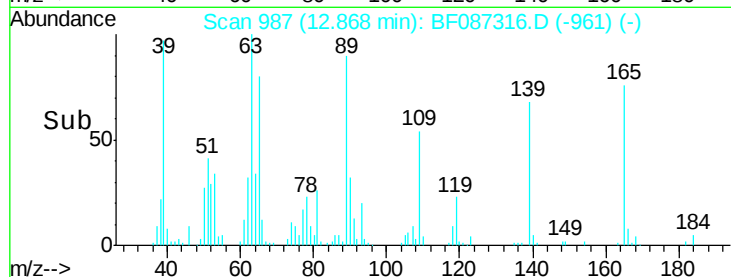
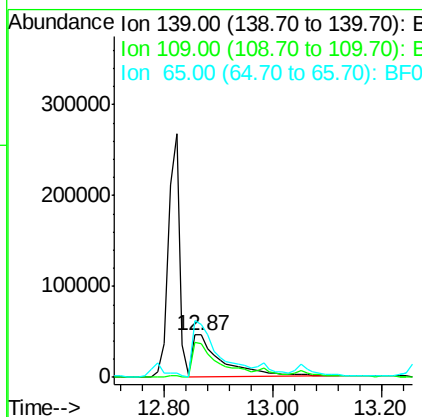
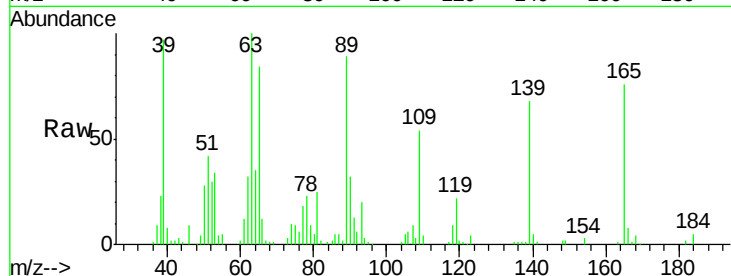




#55
4-Nitrophenol
Concen: 88.35 ng
RT: 12.87 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF087316.D
Acq: 23 May 2016 23:58

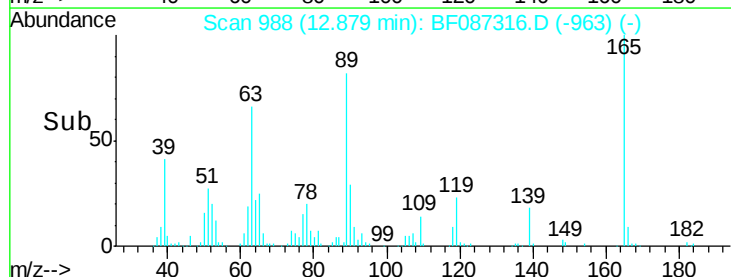
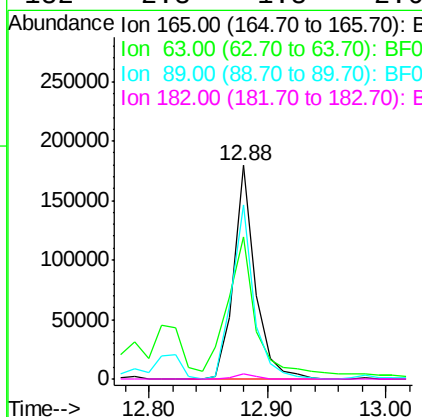
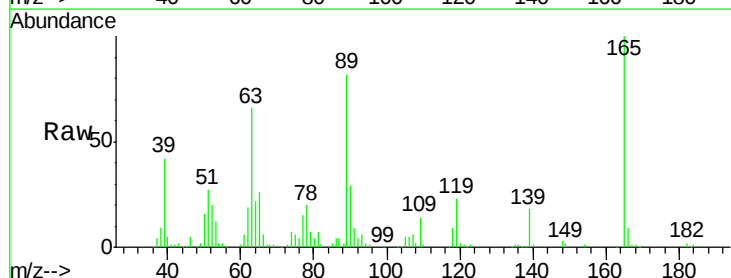
Instrument :
BNA_F
ClientSampleId :
PB90822BS

Tgt Ion:139 Resp: 168769
Ion Ratio Lower Upper
139 100
109 79.7 36.9 76.9#
65 123.8 64.0 104.0#



#56
2,4-Dinitrotoluene
Concen: 43.83 ng
RT: 12.88 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF087316.D
Acq: 23 May 2016 23:58

Tgt Ion:165 Resp: 228579
Ion Ratio Lower Upper
165 100
63 66.4 44.3 66.5
89 81.7 70.0 105.0
182 2.3 1.8 2.6





#57

Fluorene

Concen: 41.71 ng

RT: 13.37 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF087316.D

Acq: 23 May 2016 23:58

Instrument :

BNA_F

ClientSampleId :

PB90822BS

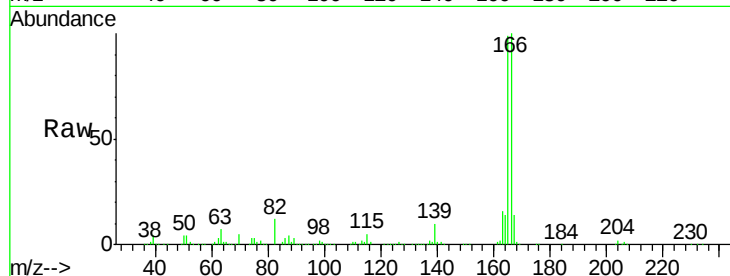
Tgt Ion:166 Resp: 741870

Ion Ratio Lower Upper

166 100

165 99.5 79.0 118.6

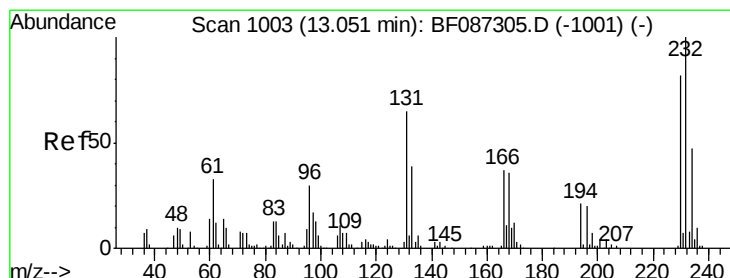
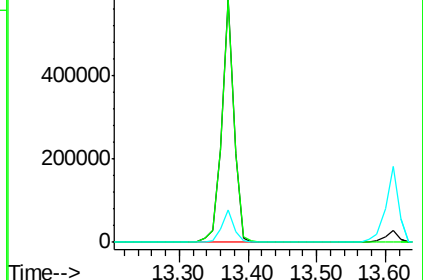
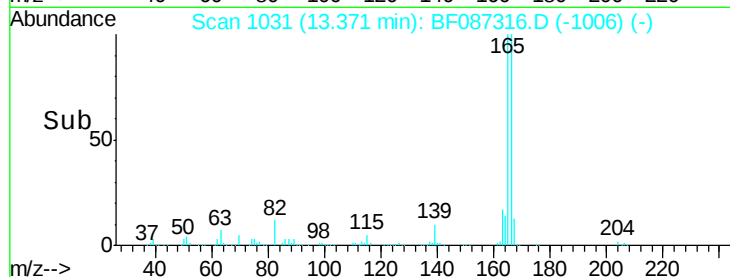
167 13.5 10.6 15.8



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.31 ng

RT: 13.05 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BF087316.D

Acq: 23 May 2016 23:58

Tgt Ion:232 Resp: 172505

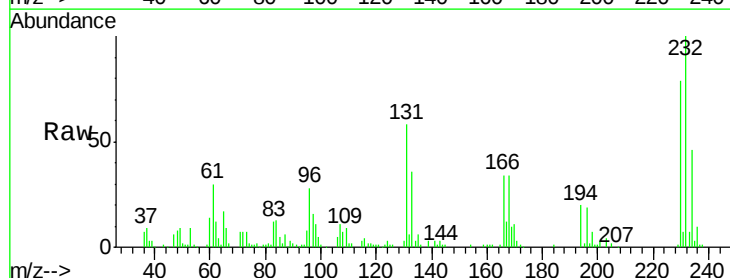
Ion Ratio Lower Upper

232 100

131 52.6 41.9 62.9

130 2.7 2.2 3.4

166 32.9 26.8 40.2

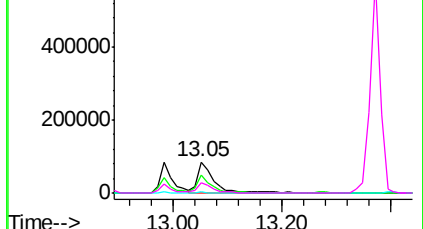
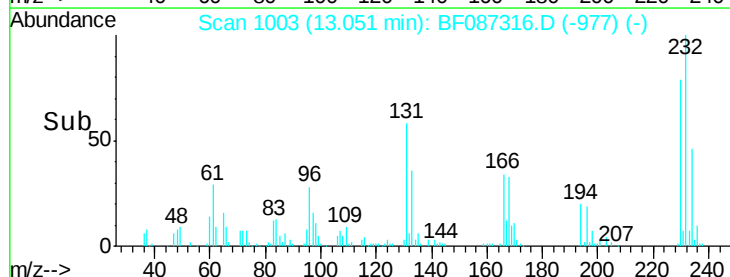


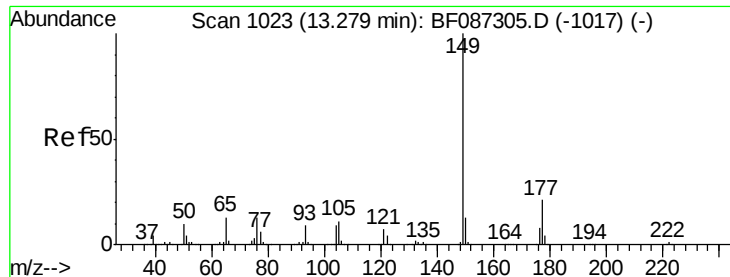
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

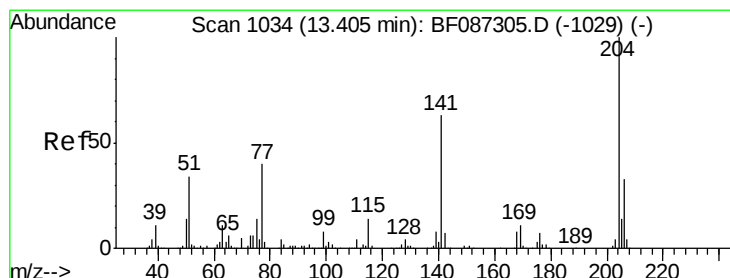
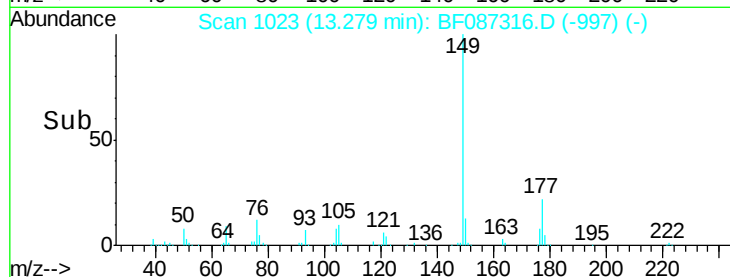
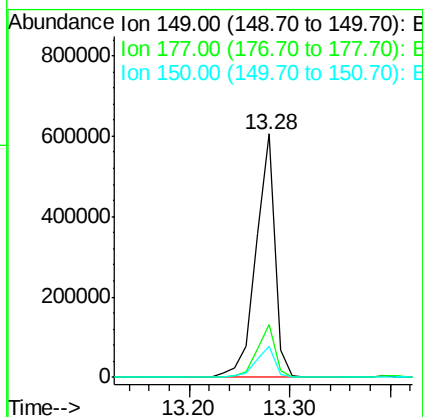
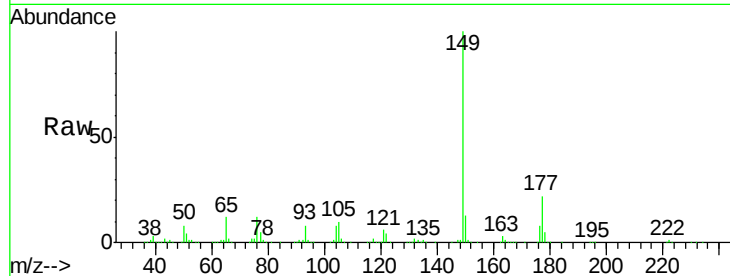




#59
Diethylphthalate
Concen: 41.88 ng
RT: 13.28 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF087316.D
Acq: 23 May 2016 23:58

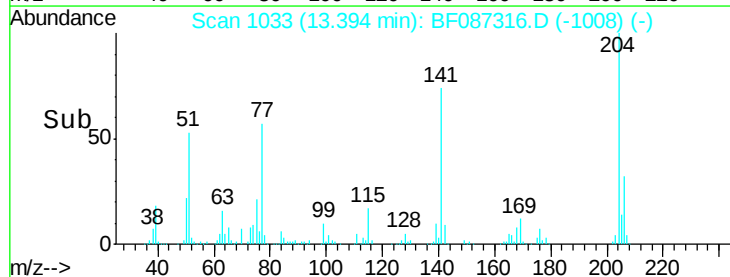
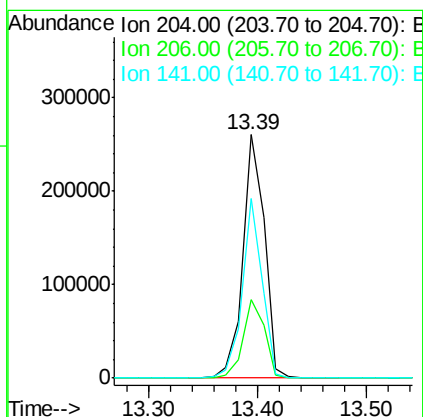
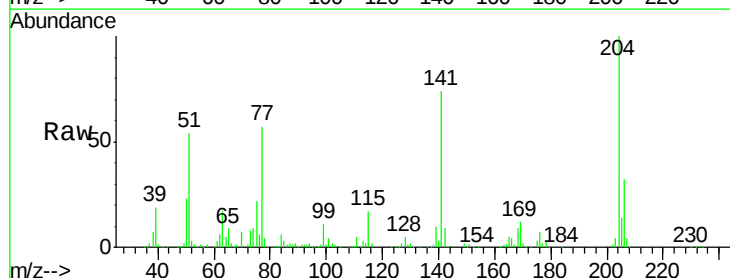
Instrument :
BNA_F
ClientSampleId :
PB90822BS

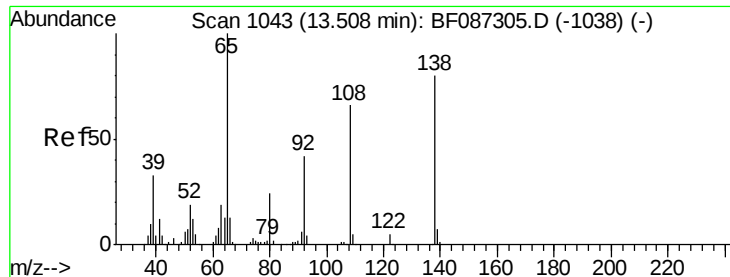
Tgt Ion:149 Resp: 788418
Ion Ratio Lower Upper
149 100
177 21.6 16.6 24.8
150 12.7 10.0 15.0



#60
4-Chlorophenyl-phenylether
Concen: 40.93 ng
RT: 13.39 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF087316.D
Acq: 23 May 2016 23:58

Tgt Ion:204 Resp: 355046
Ion Ratio Lower Upper
204 100
206 32.1 25.4 38.0
141 73.6 61.6 92.4

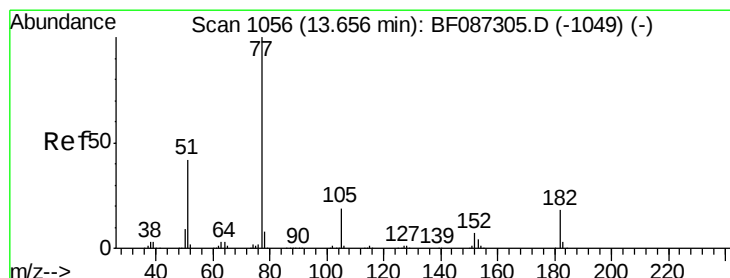
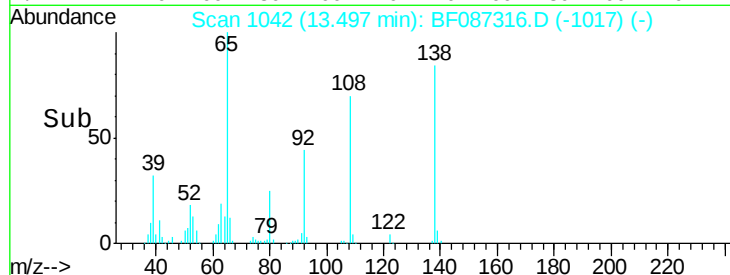
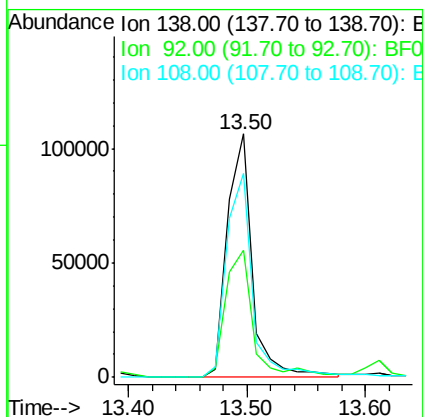
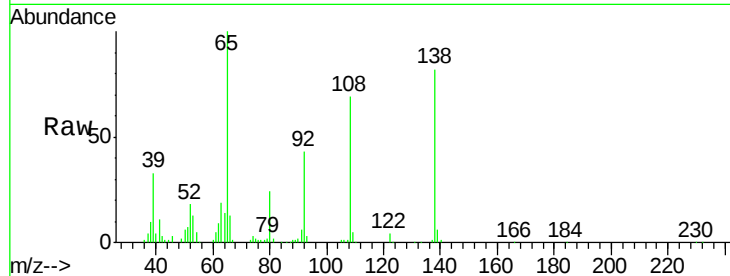




#61
4-Nitroaniline
Concen: 41.74 ng
RT: 13.50 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF087316.D
Acq: 23 May 2016 23:58

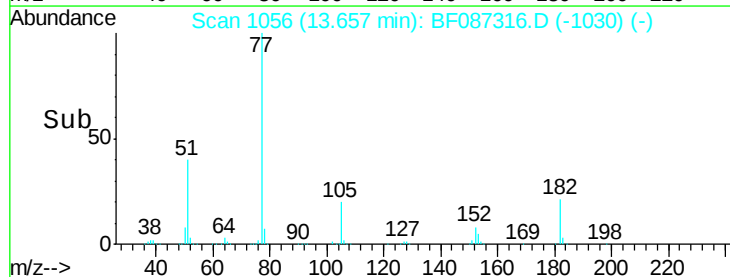
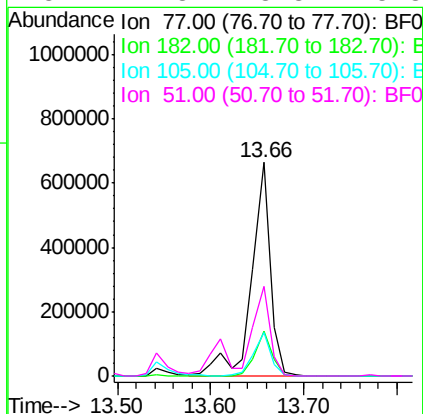
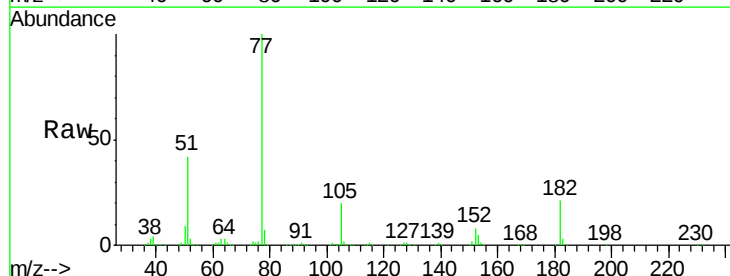
Instrument :
BNA_F
ClientSampleId :
PB90822BS

Tgt Ion:138 Resp: 155992
Ion Ratio Lower Upper
138 100
92 52.2 24.7 64.7
108 83.5 37.4 77.4#



#62
Azobenzene
Concen: 47.30 ng
RT: 13.66 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF087316.D
Acq: 23 May 2016 23:58

Tgt Ion: 77 Resp: 923768
Ion Ratio Lower Upper
77 100
182 20.8 0.0 38.8
105 20.4 3.2 43.2
51 41.8 8.8 48.8

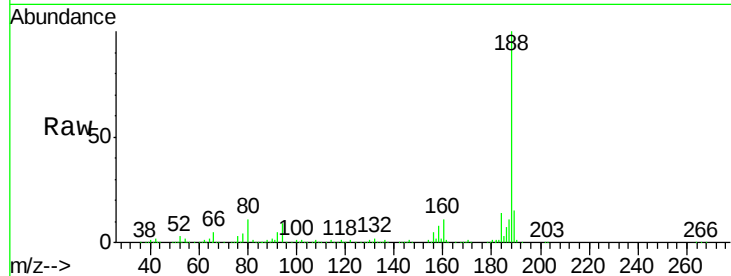




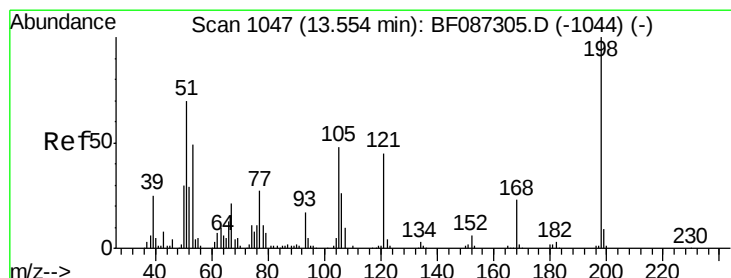
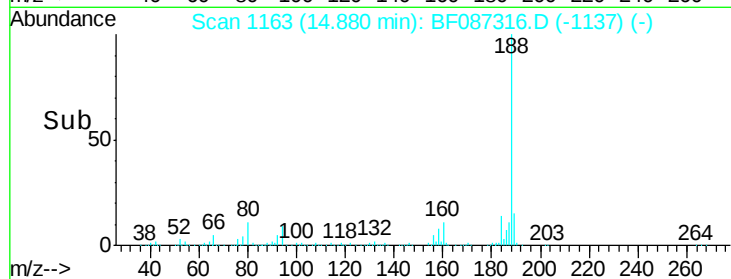
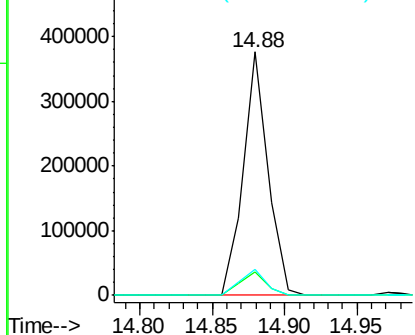
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF087316.D
Acq: 23 May 2016 23:58

Instrument :
BNA_F
ClientSampleId :
PB90822BS

Tgt Ion:188 Resp: 448381
Ion Ratio Lower Upper
188 100
94 9.4 6.8 10.2
80 10.8 7.1 10.7#

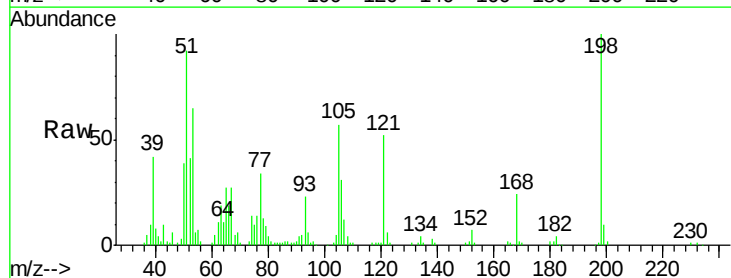


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

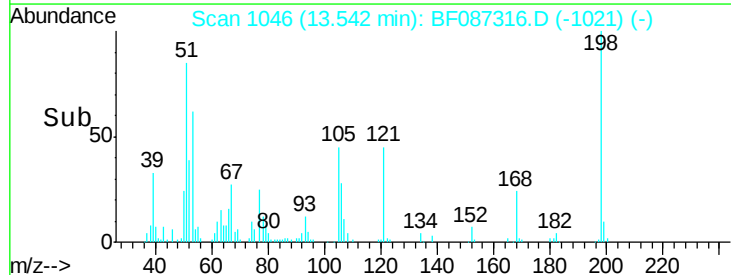
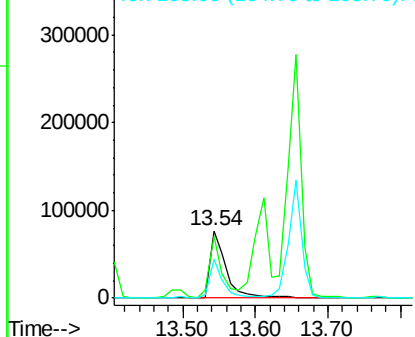


#64
4,6-Dinitro-2-methylphenol
Concen: 41.67 ng
RT: 13.54 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF087316.D
Acq: 23 May 2016 23:58

Tgt Ion:198 Resp: 118788
Ion Ratio Lower Upper
198 100
51 91.9 20.5 60.5#
105 57.2 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

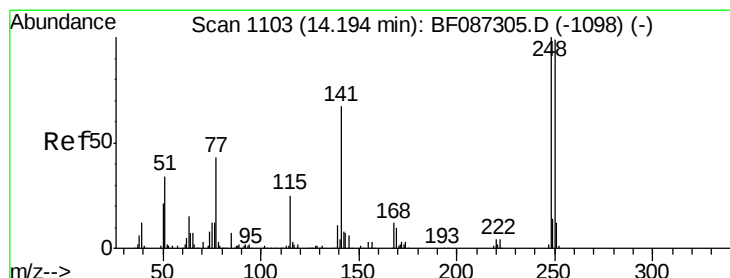
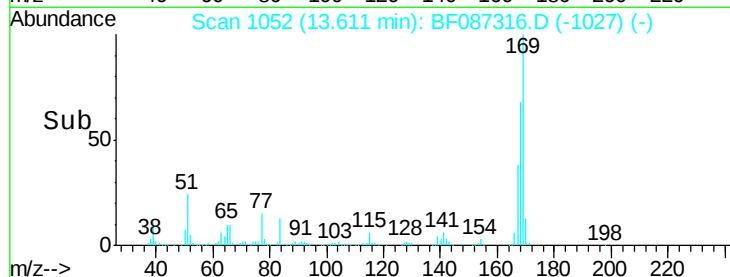
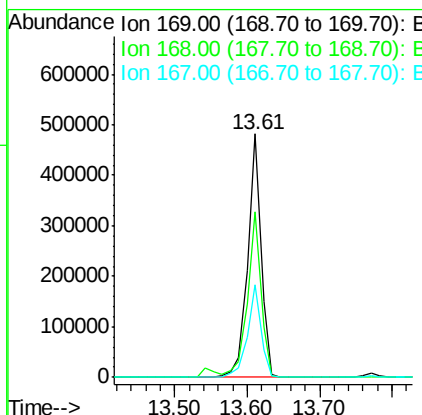
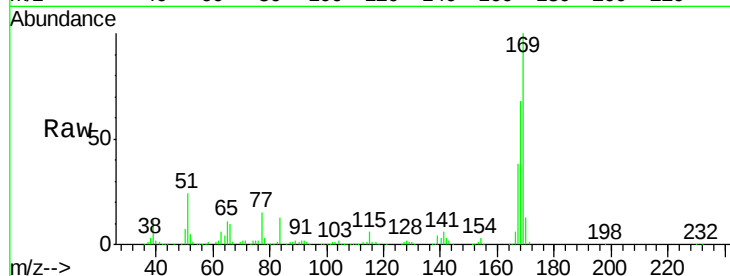




#65
 n-Nitrosodiphenylamine
 Concen: 43.07 ng
 RT: 13.61 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BF087316.D
 Acq: 23 May 2016 23:58

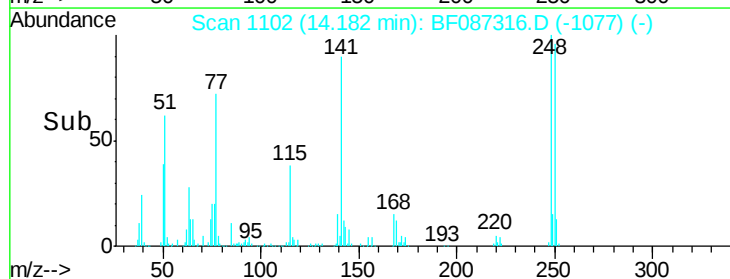
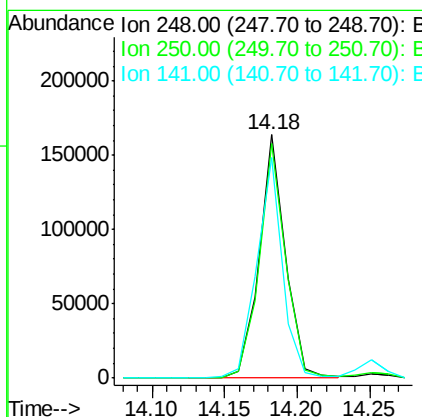
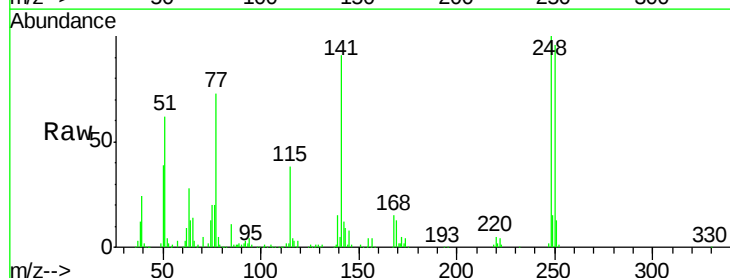
Instrument :
 BNA_F
 ClientSampleId :
 PB90822BS

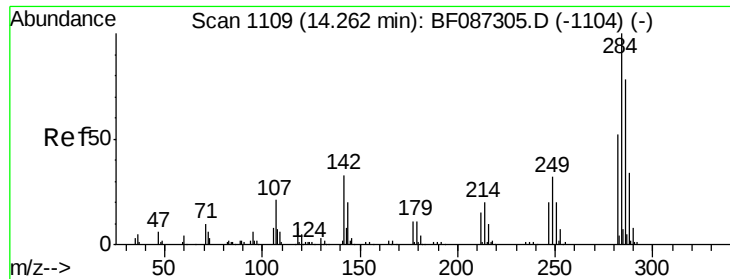
Tgt Ion:169 Resp: 624593
 Ion Ratio Lower Upper
 169 100
 168 68.0 53.8 80.6
 167 37.9 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 41.84 ng
 RT: 14.18 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: BF087316.D
 Acq: 23 May 2016 23:58

Tgt Ion:248 Resp: 205255
 Ion Ratio Lower Upper
 248 100
 250 96.1 78.6 117.8
 141 90.6 76.0 114.0





#67

Hexachlorobenzene

Concen: 42.19 ng

RT: 14.25 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BF087316.D

Acq: 23 May 2016 23:58

Instrument :

BNA_F

ClientSampleId :

PB90822BS

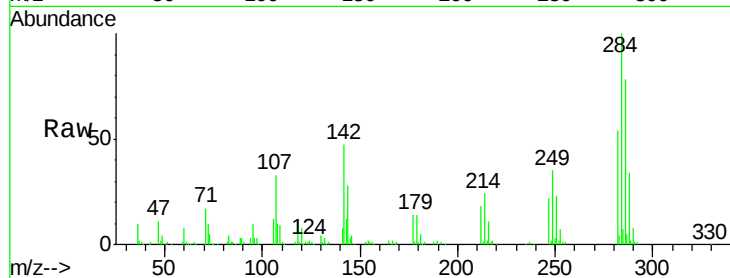
Tgt Ion:284 Resp: 216444

Ion Ratio Lower Upper

284 100

142 46.9 16.7 25.1#

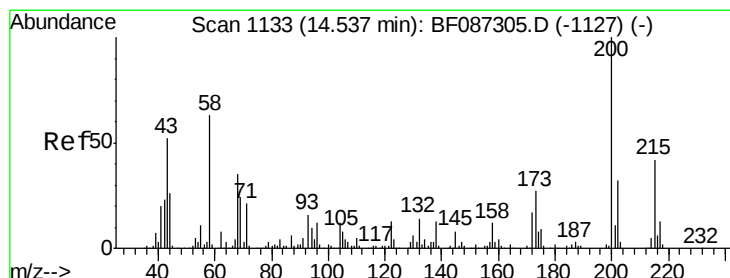
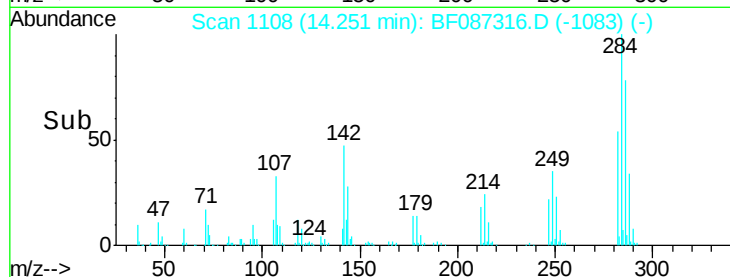
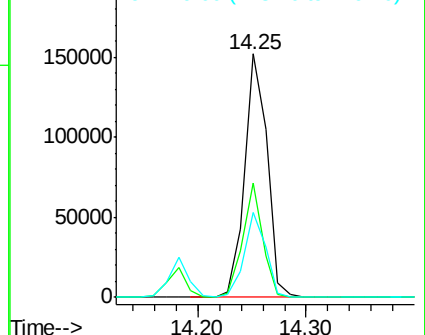
249 34.8 21.3 31.9#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 43.51 ng

RT: 14.53 min Scan# 1132

Delta R.T. -0.01 min

Lab File: BF087316.D

Acq: 23 May 2016 23:58

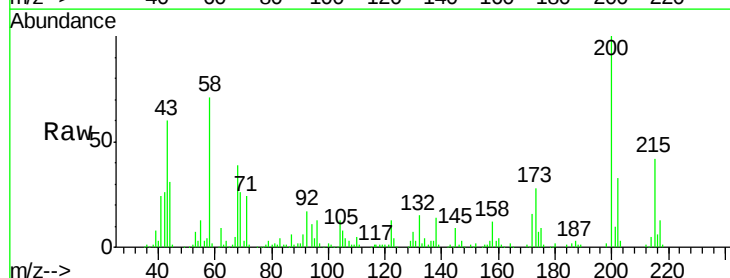
Tgt Ion:200 Resp: 201126

Ion Ratio Lower Upper

200 100

173 27.9 8.5 48.5

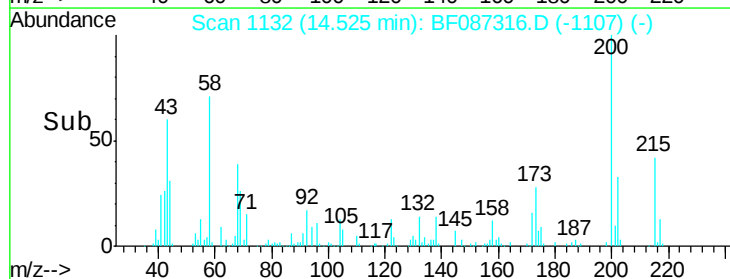
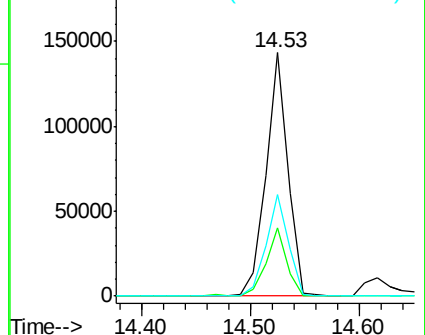
215 41.6 27.2 67.2

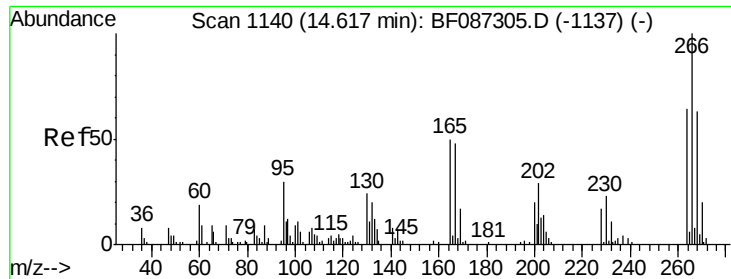


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 80.44 ng

RT: 14.62 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BF087316.D

Acq: 23 May 2016 23:58

Instrument :

BNA_F

ClientSampleId :

PB90822BS

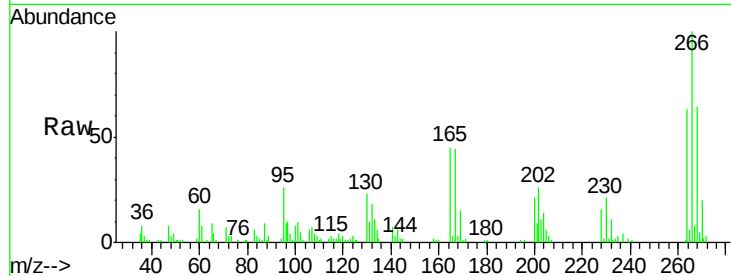
Tgt Ion:266 Resp: 128314

Ion Ratio Lower Upper

266 100

268 63.6 51.5 77.3

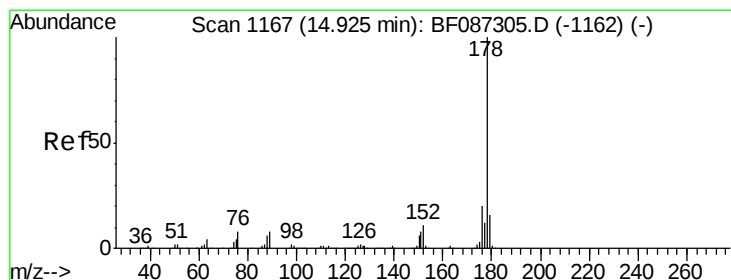
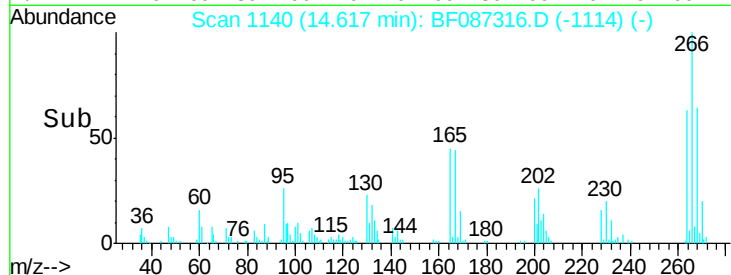
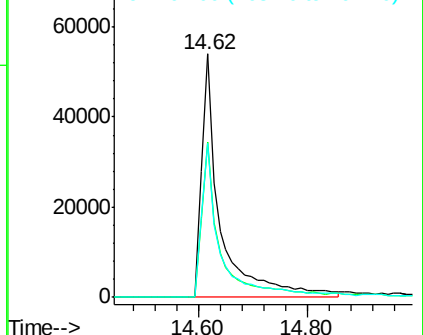
264 63.2 52.9 79.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 42.88 ng

RT: 14.91 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF087316.D

Acq: 23 May 2016 23:58

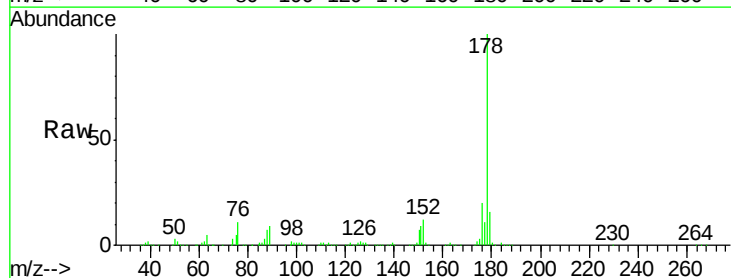
Tgt Ion:178 Resp: 1065069

Ion Ratio Lower Upper

178 100

176 19.9 16.0 24.0

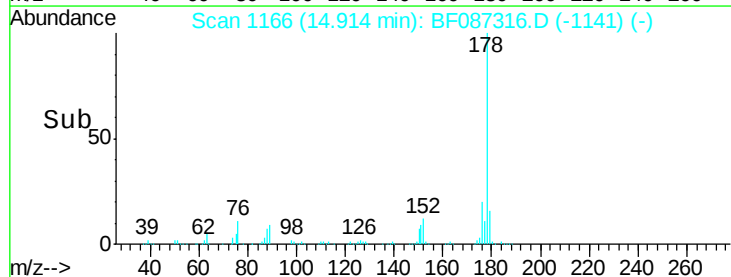
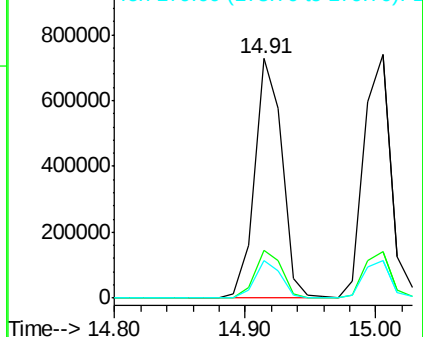
179 15.9 12.6 18.8

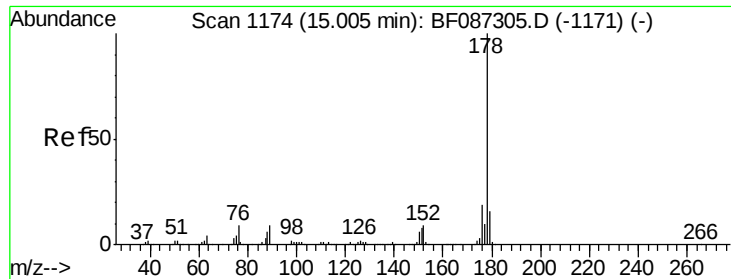


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

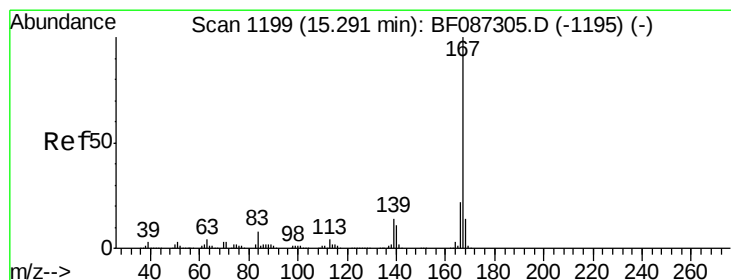
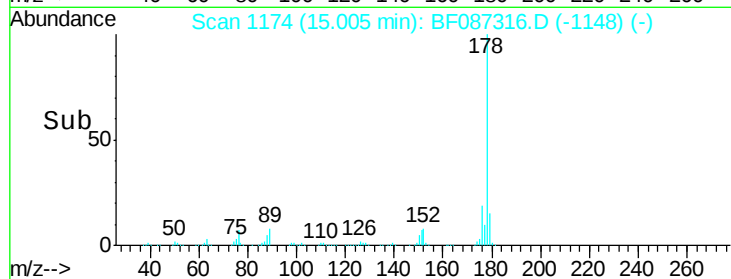
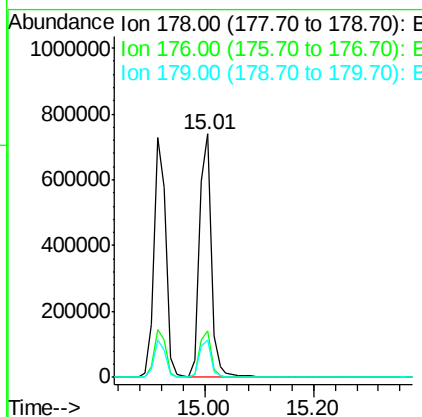
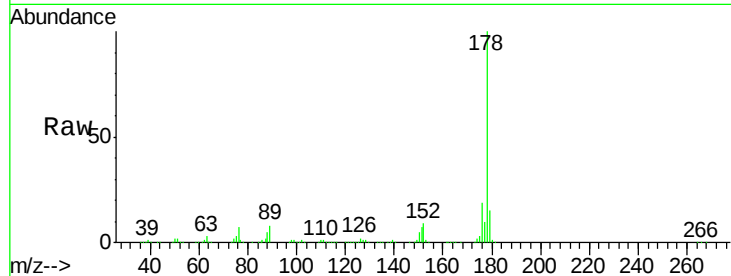




#71
 Anthracene
 Concen: 43.44 ng
 RT: 15.01 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF087316.D
 Acq: 23 May 2016 23:58

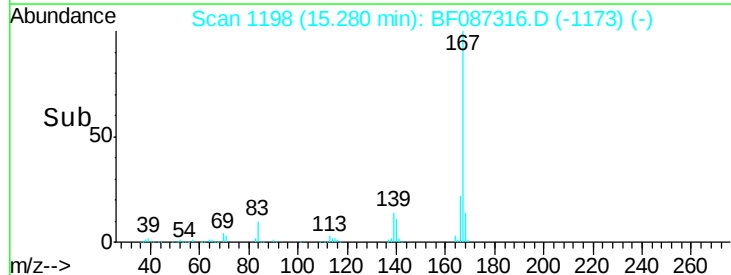
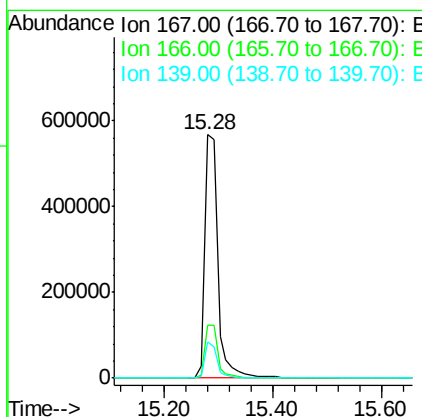
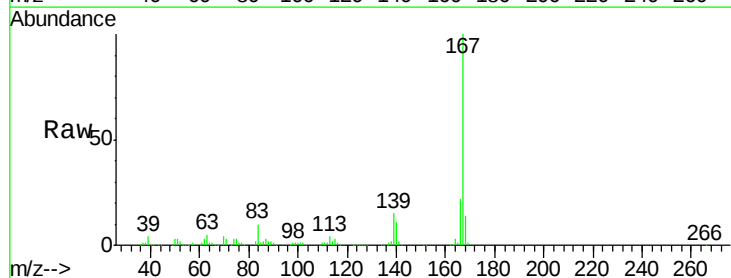
Instrument :
 BNA_F
 ClientSampleId :
 PB90822BS

Tgt Ion:178 Resp: 1089847
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.6 23.4
 179 15.2 12.7 19.1



#72
 Carbazole
 Concen: 44.24 ng
 RT: 15.28 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF087316.D
 Acq: 23 May 2016 23:58

Tgt Ion:167 Resp: 946644
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.7 26.5
 139 15.2 10.8 16.2





#73

Di-n-butylphthalate

Concen: 42.96 ng

RT: 15.85 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BF087316.D

Acq: 23 May 2016 23:58

Instrument :

BNA_F

ClientSampleId :

PB90822BS

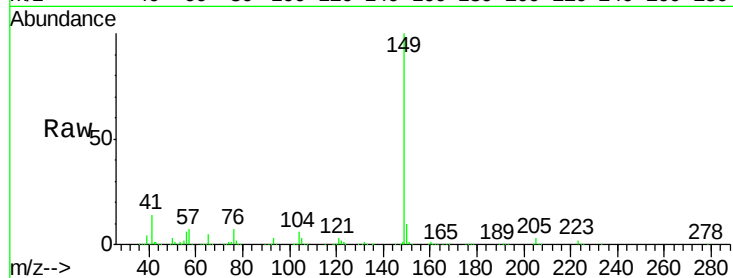
Tgt Ion:149 Resp: 1188855

Ion Ratio Lower Upper

149 100

150 9.5 7.6 11.4

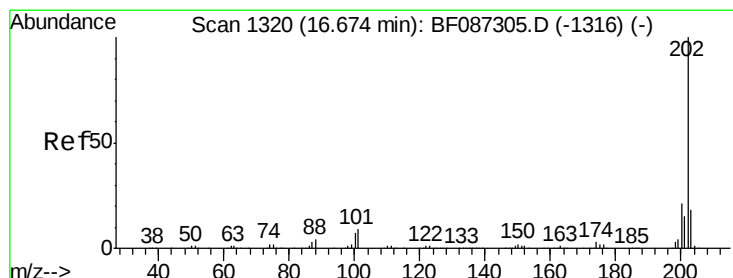
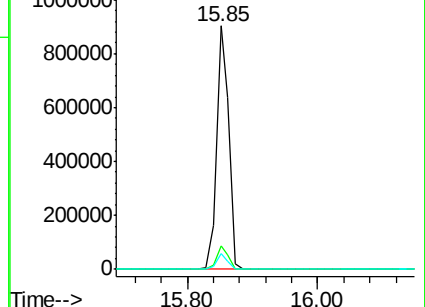
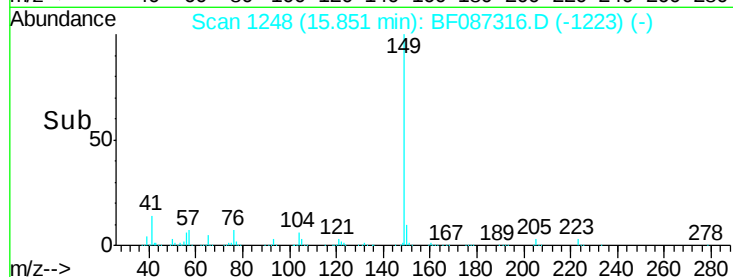
104 6.2 3.8 5.6#



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: 42.65 ng

RT: 16.66 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF087316.D

Acq: 23 May 2016 23:58

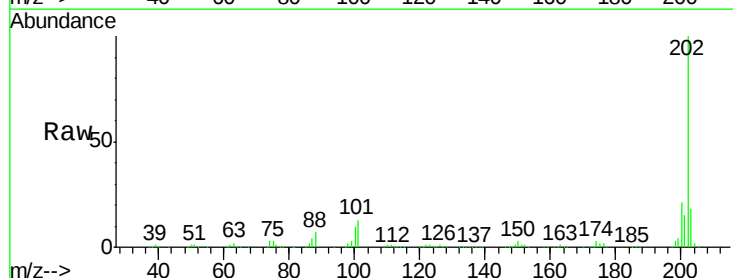
Tgt Ion:202 Resp: 1062165

Ion Ratio Lower Upper

202 100

101 13.1 0.0 35.4

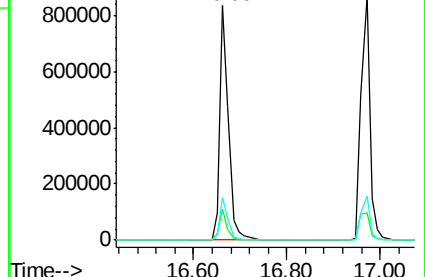
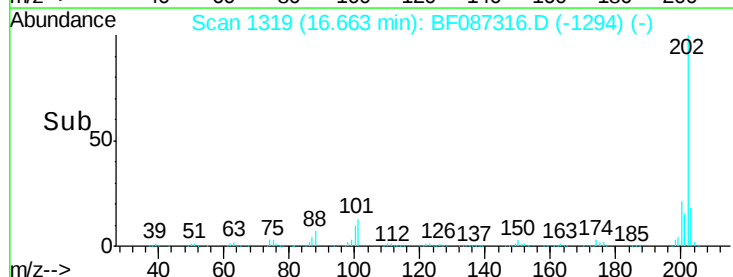
203 18.0 0.0 38.1

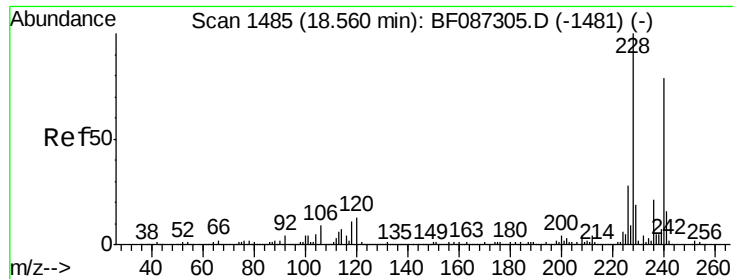


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

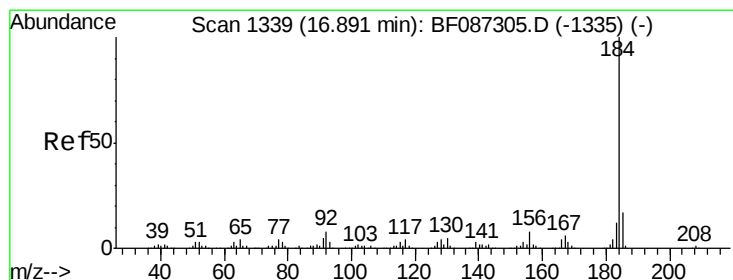
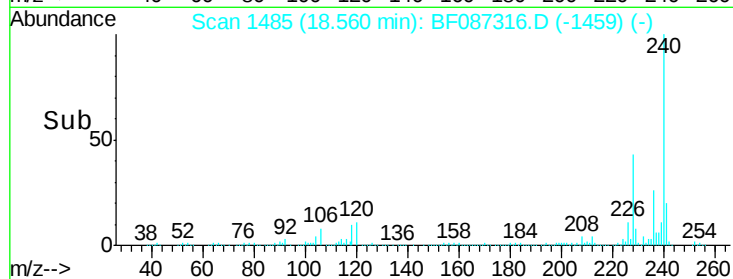
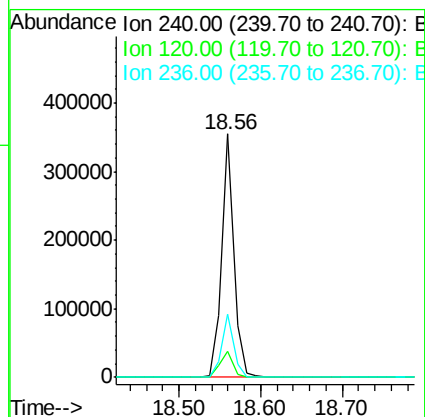
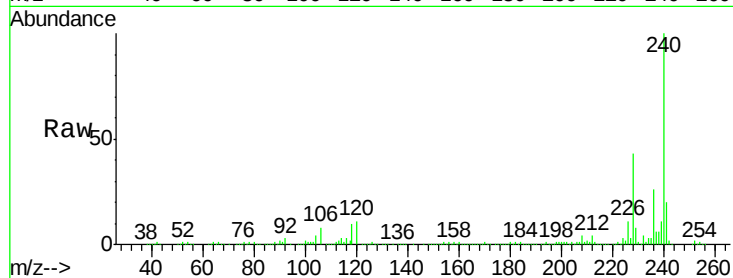




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.56 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: BF087316.D
 Acq: 23 May 2016 23:58

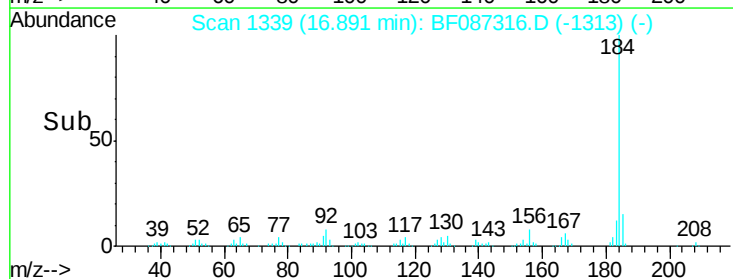
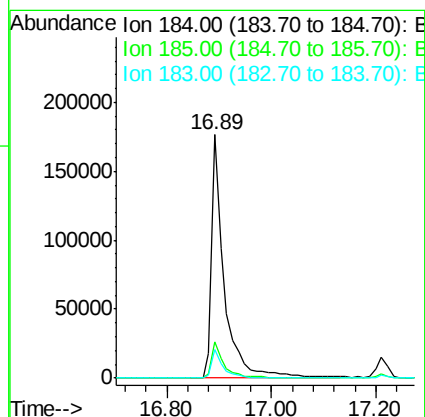
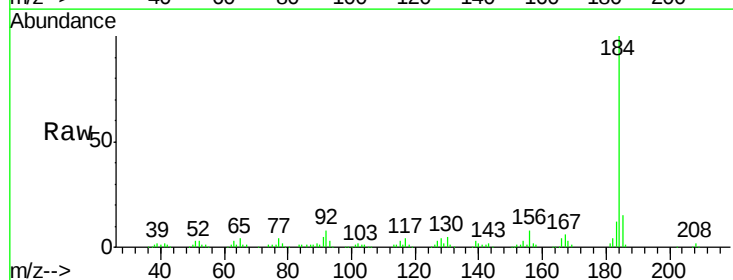
Instrument :
 BNA_F
 ClientSampleId :
 PB90822BS

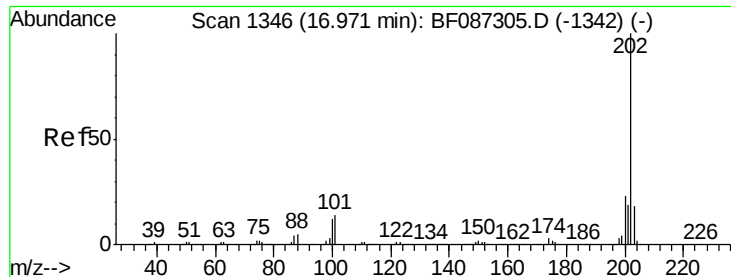
Tgt Ion:240 Resp: 366005
 Ion Ratio Lower Upper
 240 100
 120 10.5 11.2 16.8#
 236 26.2 21.2 31.8



#76
 Benzidine
 Concen: 31.69 ng
 RT: 16.89 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF087316.D
 Acq: 23 May 2016 23:58

Tgt Ion:184 Resp: 298469
 Ion Ratio Lower Upper
 184 100
 185 15.0 13.6 20.4
 183 11.8 9.8 14.6

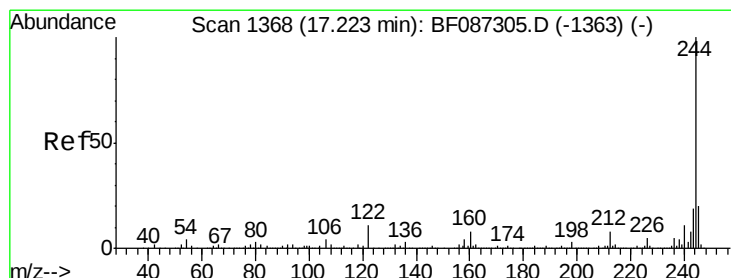
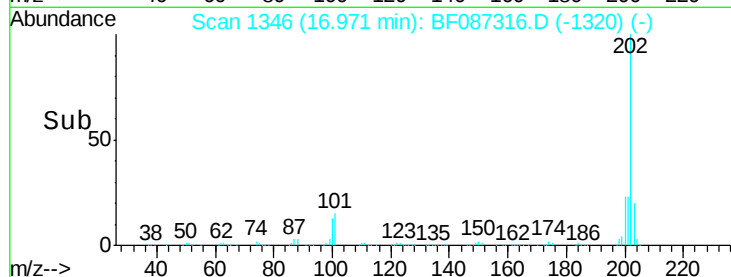
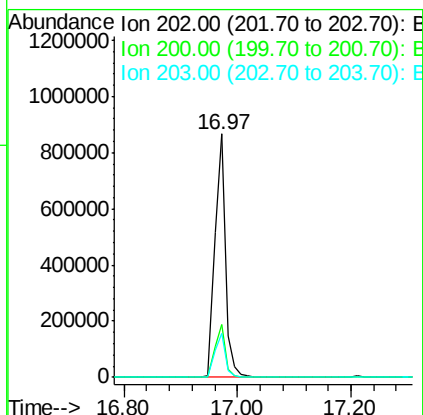
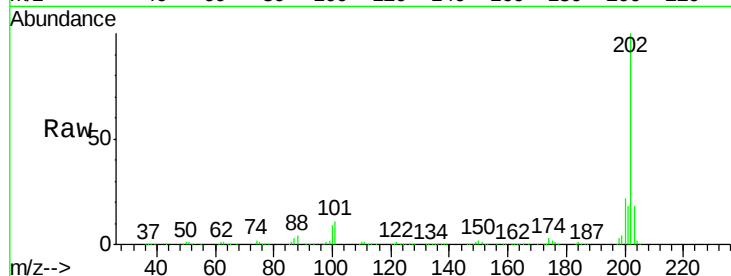




#77
 Pyrene
 Concen: 41.76 ng
 RT: 16.97 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: BF087316.D
 Acq: 23 May 2016 23:58

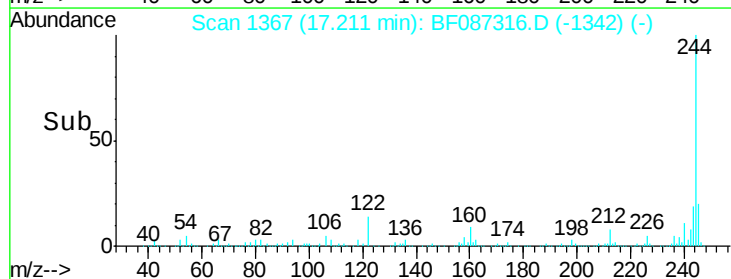
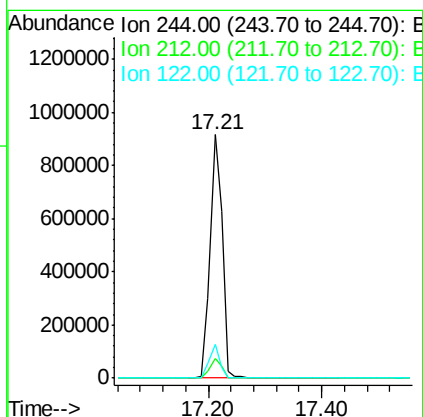
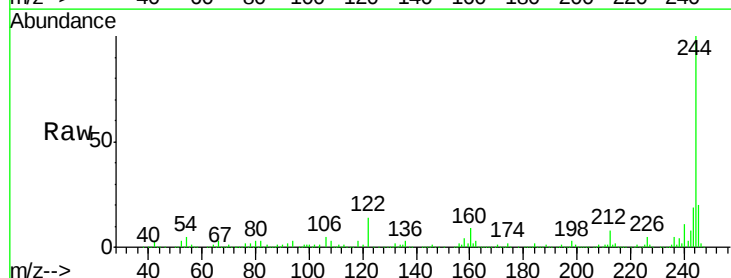
Instrument :
 BNA_F
 ClientSampleId :
 PB90822BS

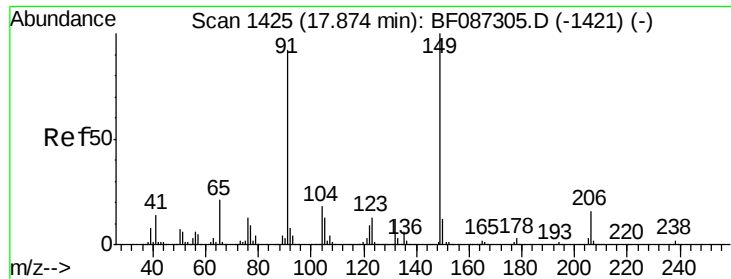
Tgt Ion: 202 Resp: 1100313
 Ion Ratio Lower Upper
 202 100
 200 21.9 17.7 26.5
 203 18.3 14.2 21.4



#78
 Terphenyl-d14
 Concen: 75.80 ng
 RT: 17.21 min Scan# 1367
 Delta R.T. -0.01 min
 Lab File: BF087316.D
 Acq: 23 May 2016 23:58

Tgt Ion: 244 Resp: 1304965
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 13.7 12.0 18.0

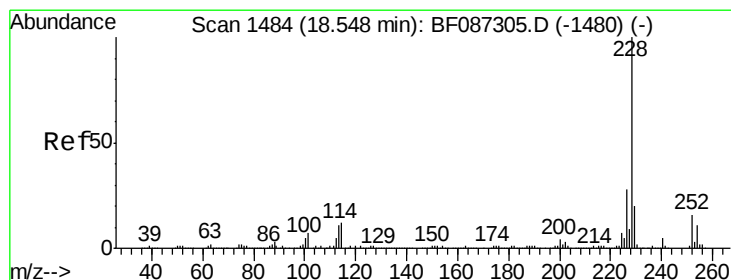
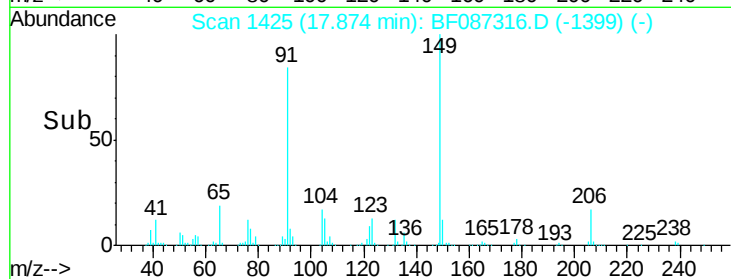
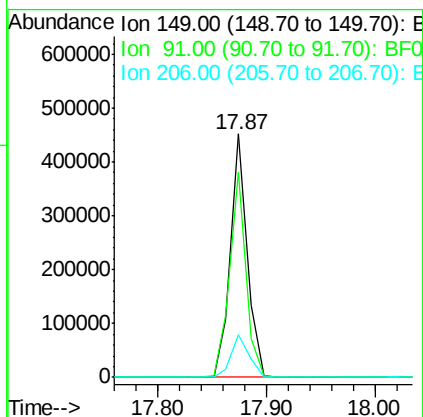
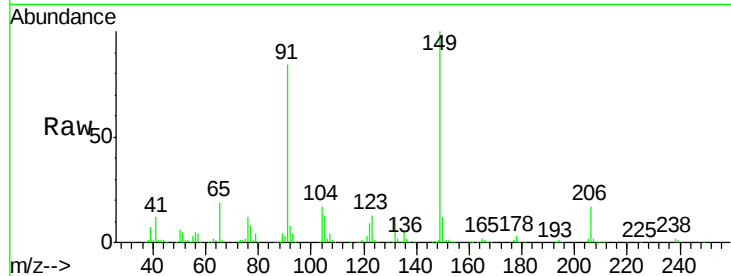




#79
Butylbenzylphthalate
Concen: 41.34 ng
RT: 17.87 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF087316.D
Acq: 23 May 2016 23:58

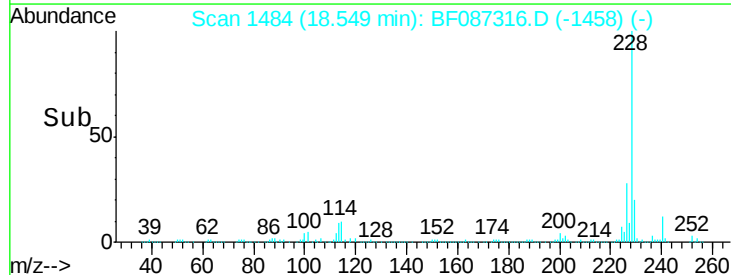
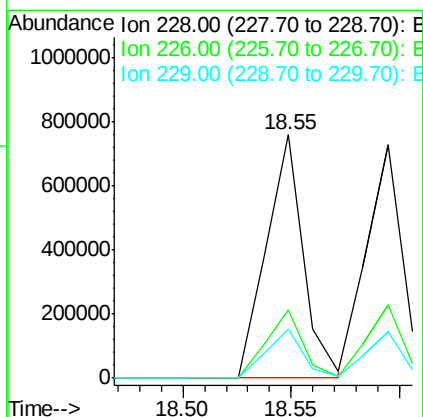
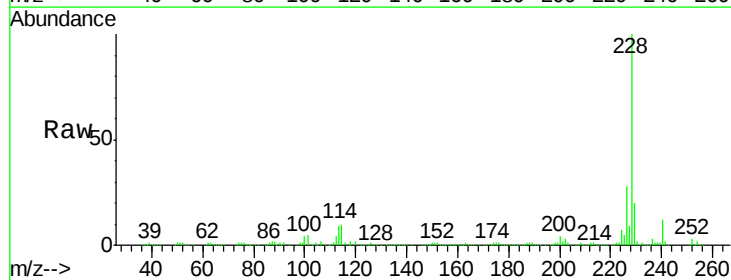
Instrument :
BNA_F
ClientSampleId :
PB90822BS

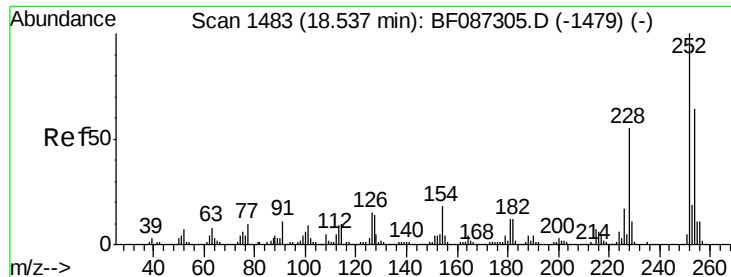
Tgt Ion:149 Resp: 483012
Ion Ratio Lower Upper
149 100
91 84.4 48.0 72.0#
206 17.3 15.8 23.6



#80
Benzo(a)anthracene
Concen: 43.15 ng
RT: 18.55 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BF087316.D
Acq: 23 May 2016 23:58

Tgt Ion:228 Resp: 898280
Ion Ratio Lower Upper
228 100
226 28.0 22.5 33.7
229 20.1 16.6 25.0

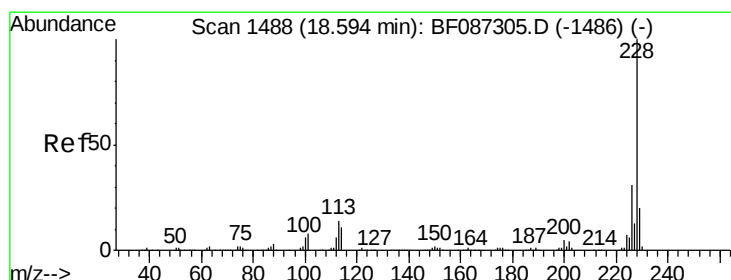
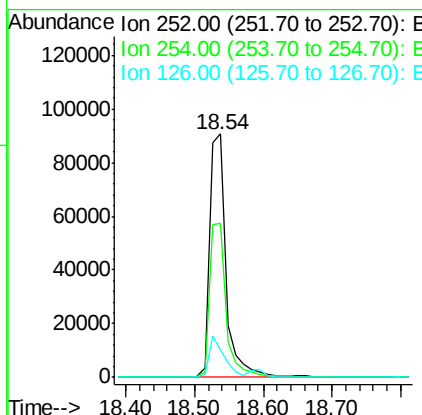
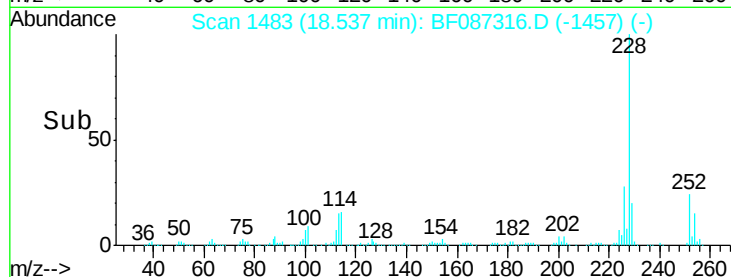
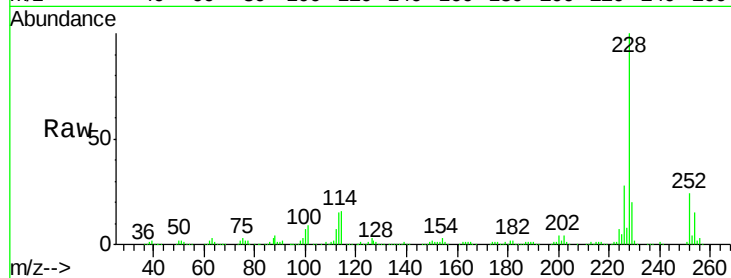




#81
 3,3'-Dichlorobenzidine
 Concen: 13.35 ng
 RT: 18.54 min Scan# 1483
 Delta R.T. 0.00 min
 Lab File: BF087316.D
 Acq: 23 May 2016 23:58

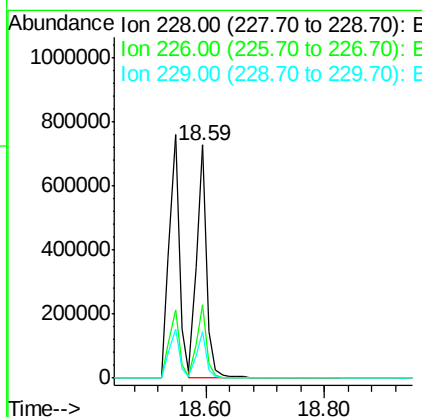
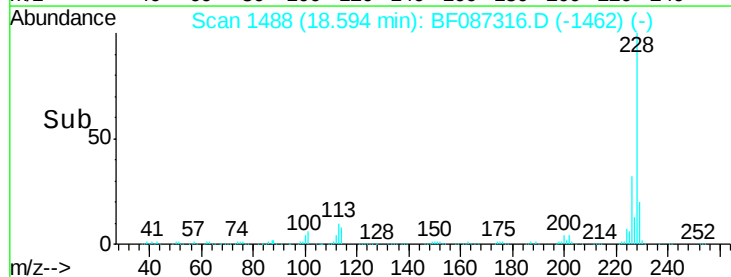
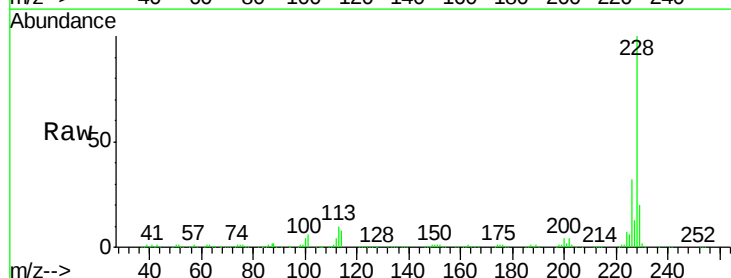
Instrument :
 BNA_F
 ClientSampleId :
 PB90822BS

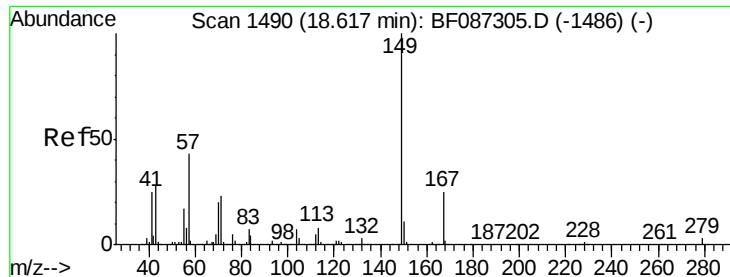
Tgt Ion: 252 Resp: 153489
 Ion Ratio Lower Upper
 252 100
 254 63.3 50.7 76.1
 126 11.4 12.7 19.1#



#82
 Chrysene
 Concen: 42.38 ng
 RT: 18.59 min Scan# 1488
 Delta R.T. 0.00 min
 Lab File: BF087316.D
 Acq: 23 May 2016 23:58

Tgt Ion: 228 Resp: 875597
 Ion Ratio Lower Upper
 228 100
 226 31.8 24.4 36.6
 229 19.9 15.8 23.8

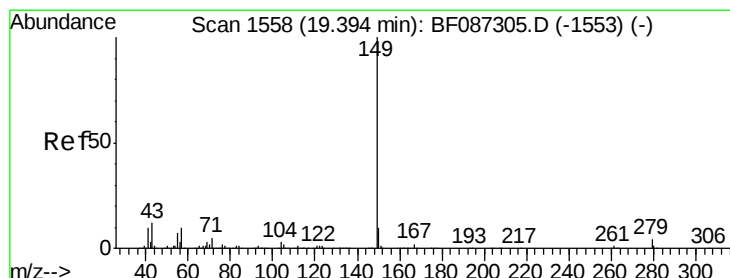
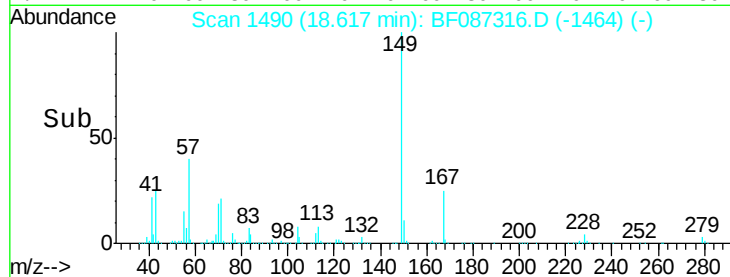
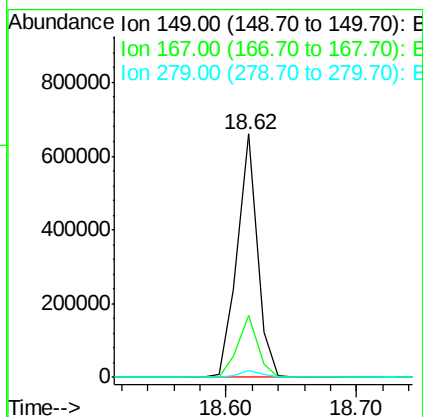
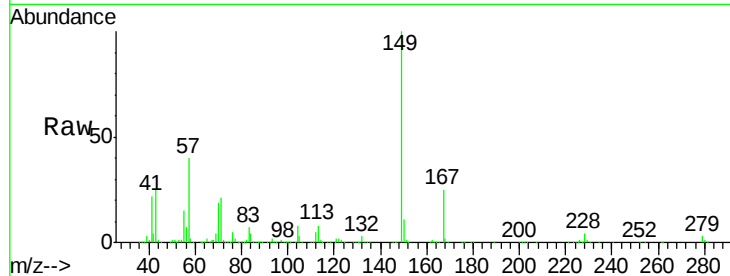




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.68 ng
 RT: 18.62 min Scan# 1490
 Delta R.T. 0.00 min
 Lab File: BF087316.D
 Acq: 23 May 2016 23:58

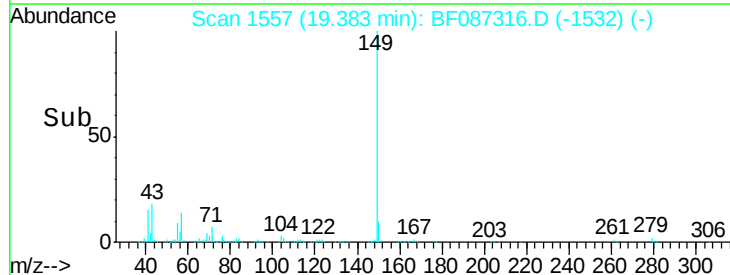
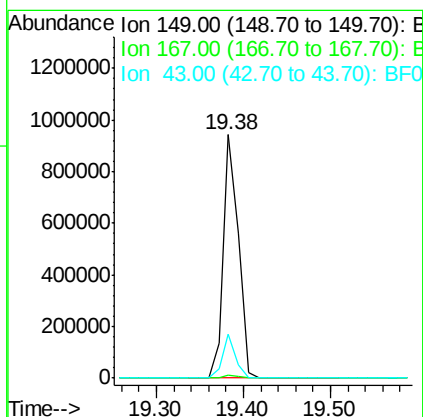
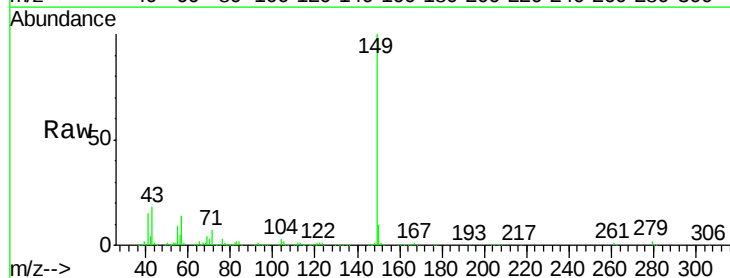
Instrument :
 BNA_F
 ClientSampleId :
 PB90822BS

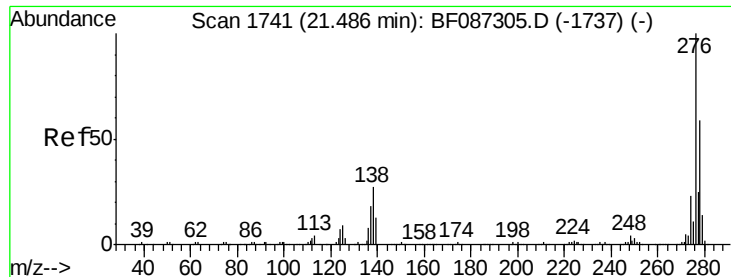
Tgt Ion:149 Resp: 710544
 Ion Ratio Lower Upper
 149 100
 167 25.4 21.8 32.6
 279 2.7 2.6 4.0



#84
 Di-n-octyl phthalate
 Concen: 44.16 ng
 RT: 19.38 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF087316.D
 Acq: 23 May 2016 23:58

Tgt Ion:149 Resp: 1148003
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 15.8 8.2 12.4#

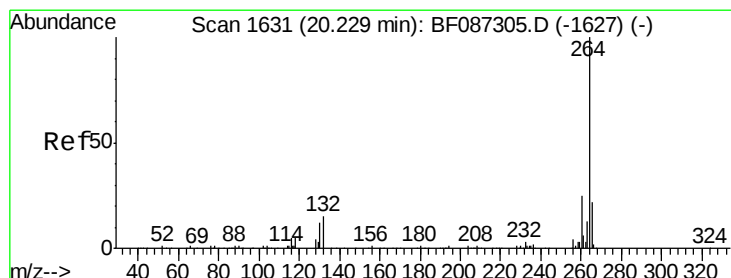
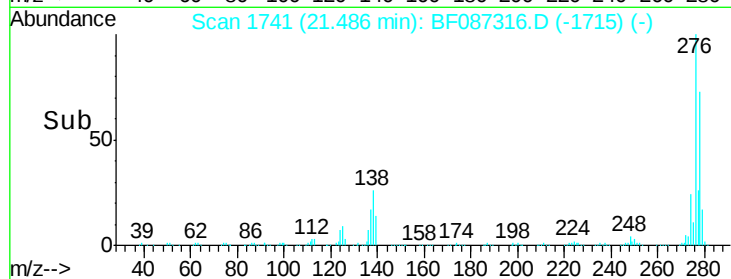
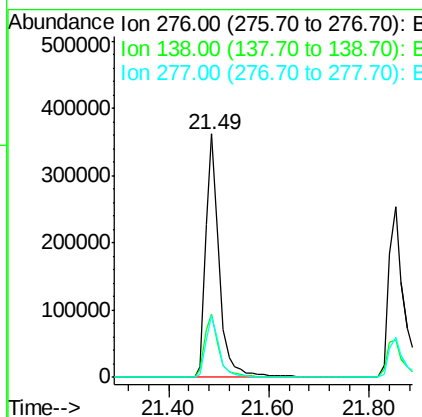
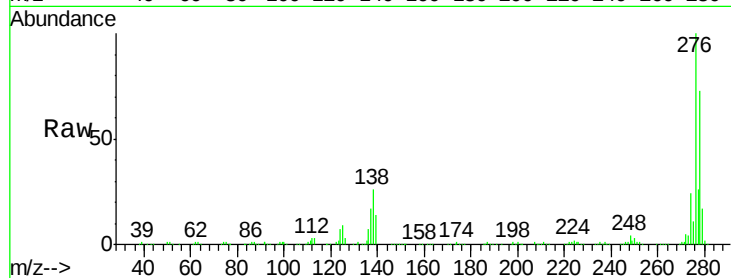




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.62 ng
 RT: 21.49 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: BF087316.D
 Acq: 23 May 2016 23:58

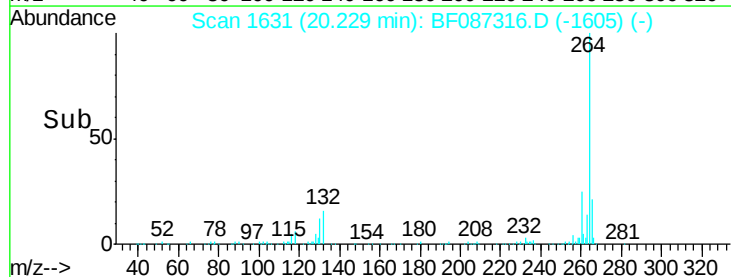
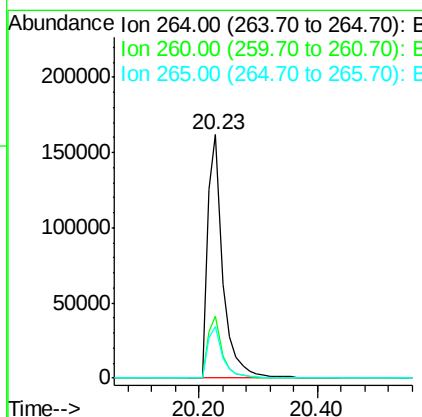
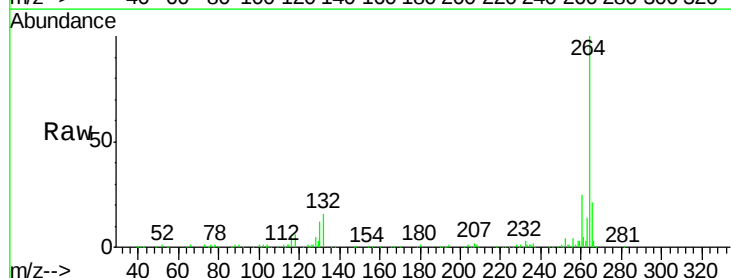
Instrument :
 BNA_F
 ClientSampleId :
 PB90822BS

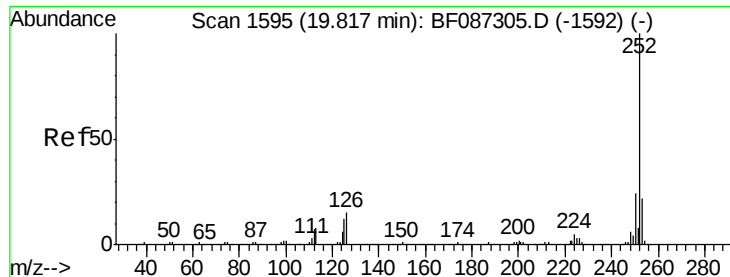
Tgt Ion: 276 Resp: 672817
 Ion Ratio Lower Upper
 276 100
 138 27.7 25.6 38.4
 277 25.7 20.5 30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.23 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: BF087316.D
 Acq: 23 May 2016 23:58

Tgt Ion: 264 Resp: 286070
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.5 29.3
 265 21.0 17.3 25.9

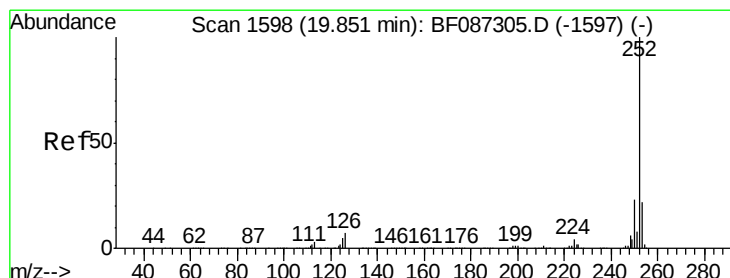
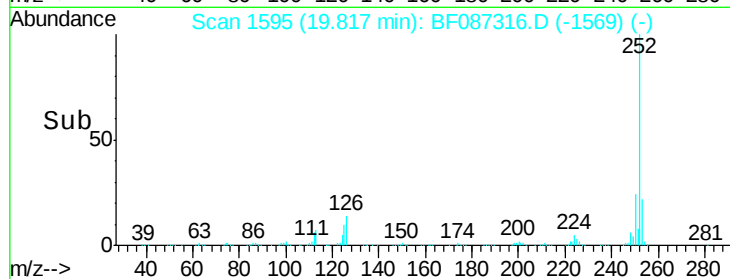
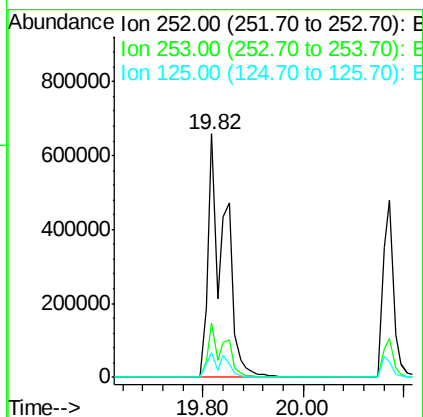
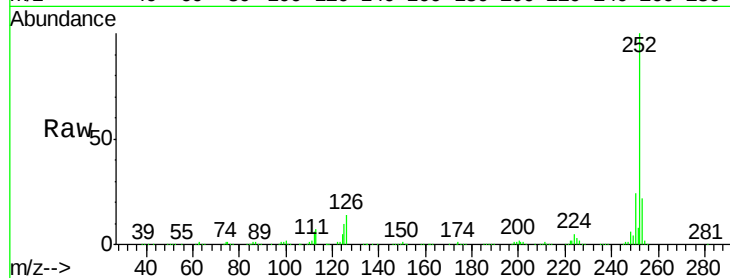




#87
Benzo(b)fluoranthene
Concen: 82.94 ng
RT: 19.82 min Scan# 1595
Delta R.T. 0.00 min
Lab File: BF087316.D
Acq: 23 May 2016 23:58

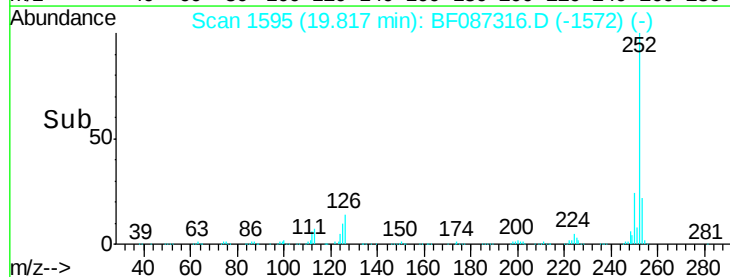
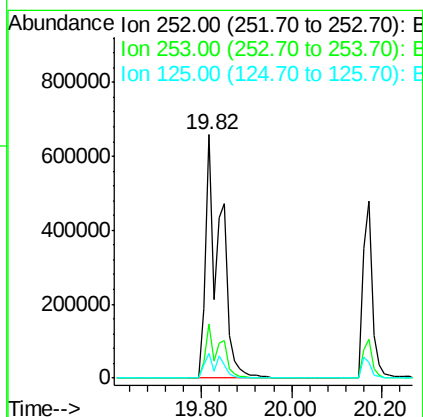
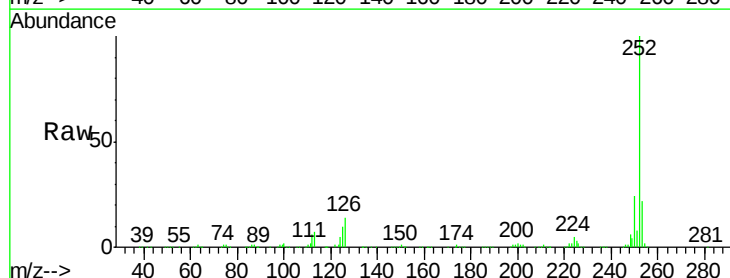
Instrument :
BNA_F
ClientSampleId :
PB90822BS

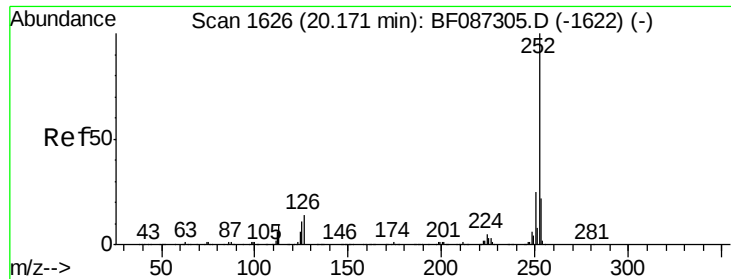
Tgt Ion:252 Resp: 1511292
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 10.2 11.4 17.0#



#88
Benzo(k)fluoranthene
Concen: 96.44 ng
RT: 19.82 min Scan# 1595
Delta R.T. -0.03 min
Lab File: BF087316.D
Acq: 23 May 2016 23:58

Tgt Ion:252 Resp: 1512628
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 10.2 9.1 13.7





#89

Benzo(a)pyrene

Concen: 44.36 ng

RT: 20.17 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BF087316.D

Acq: 23 May 2016 23:58

Instrument :

BNA_F

ClientSampleId :

PB90822BS

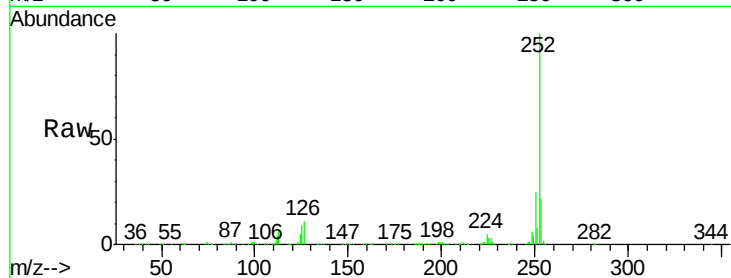
Tgt Ion:252 Resp: 699152

Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

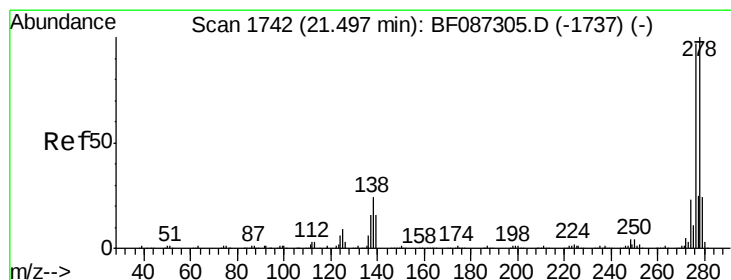
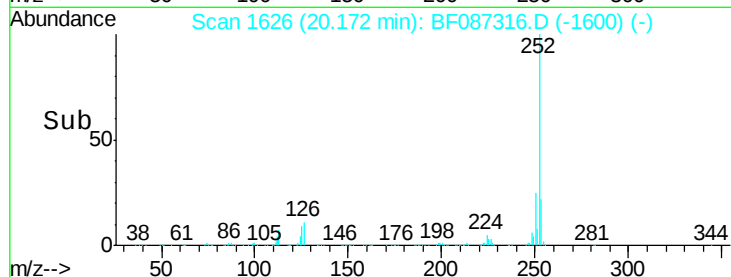
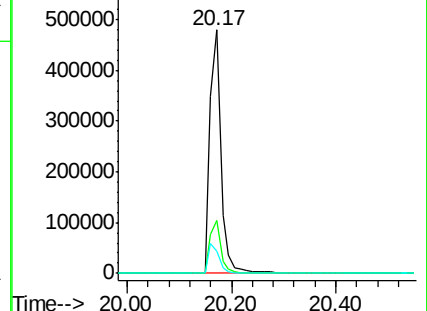
125 8.9 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 42.99 ng

RT: 21.49 min Scan# 1741

Delta R.T. -0.01 min

Lab File: BF087316.D

Acq: 23 May 2016 23:58

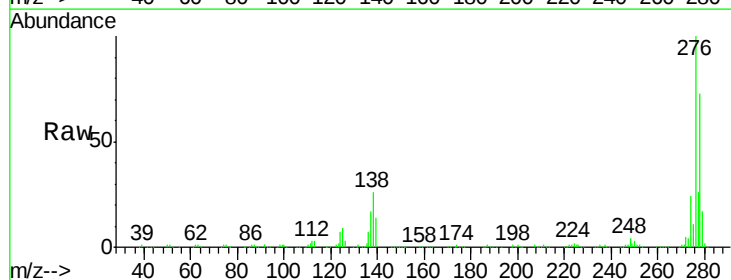
Tgt Ion:278 Resp: 577943

Ion Ratio Lower Upper

278 100

139 19.7 16.6 24.8

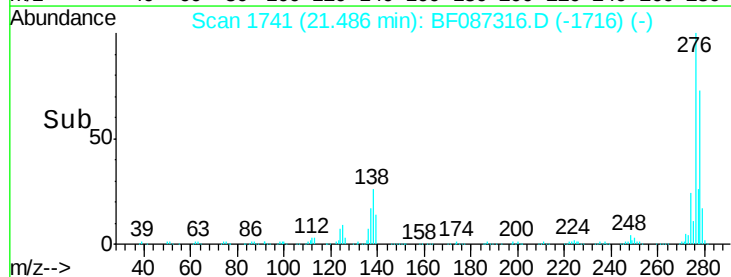
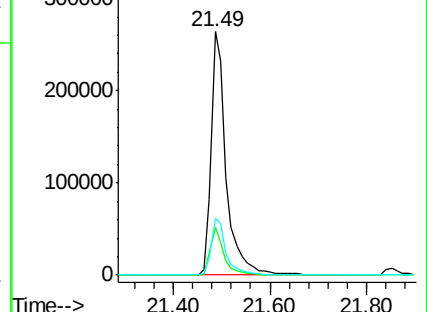
279 23.2 19.6 29.4

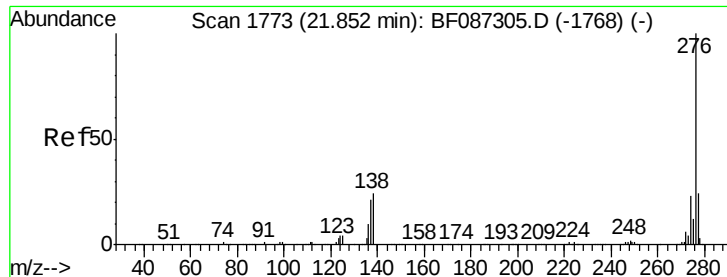


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 42.68 ng

RT: 21.85 min Scan# 1773

Delta R.T. 0.00 min

Lab File: BF087316.D

Acq: 23 May 2016 23:58

Instrument :

BNA_F

ClientSampleId :

PB90822BS

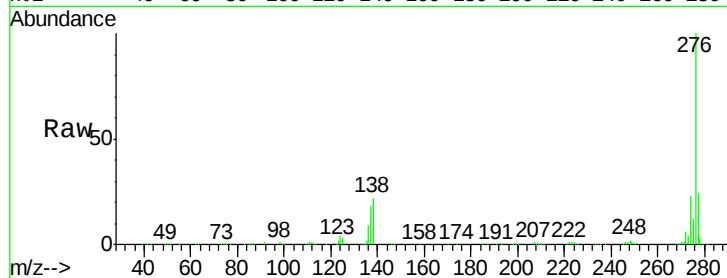
Tgt Ion: 276 Resp: 566044

Ion Ratio Lower Upper

276 100

277 23.8 19.6 29.4

138 21.7 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

