

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
 Data File : BF087037.D
 Acq On : 14 May 2016 23:34
 Operator : UM/SJ
 Sample : PB90490BS
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90490BS

Quant Time: May 16 04:47:44 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 13 14:55:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	134957	20.00	ng	-0.08
21) Naphthalene-d8	7.90	136	550368	20.00	ng	-0.09
38) Acenaphthene-d10	9.64	164	261736	20.00	ng	-0.09
63) Phenanthrene-d10	11.13	188	502673	20.00	ng	-0.08
75) Chrysene-d12	13.76	240	328579	20.00	ng	-0.08
86) Perylene-d12	15.11	264	305961	20.00	ng	-0.10

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.21	112	946554	118.78	ng	-0.08
7) Phenol-d6	6.28	99	1244457	116.85	ng	-0.08
23) Nitrobenzene-d5	7.19	82	868475	79.24	ng	-0.08
41) 2,4,6-Tribromophenol	10.44	330	371262	133.99	ng	-0.08
44) 2-Fluorobiphenyl	8.98	172	1415177	90.87	ng	-0.08
78) Terphenyl-d14	12.71	244	1243743	80.31	ng	-0.09

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.14	88	129650	33.14	ng	# 58
3) Pyridine	2.78	79	388315	40.60	ng	# 65
4) n-Nitrosodimethylamine	2.73	42	300750	43.36	ng	# 47
6) Aniline	6.28	93	259838	20.17	ng	# 36
8) 2-Chlorophenol	6.40	128	391377	40.70	ng	# 80
9) Benzaldehyde	6.17	77	22823	3.70	ng	97
10) Phenol	6.30	94	560525	44.28	ng	79
11) bis(2-Chloroethyl)ether	6.36	93	418593	42.41	ng	96
12) 1,3-Dichlorobenzene	6.55	146	400766	38.51	ng	# 93
13) 1,4-Dichlorobenzene	6.63	146	415419	39.15	ng	# 94
14) 1,2-Dichlorobenzene	6.63	146	418227	45.22	ng	99
15) Benzyl Alcohol	6.78	79	362489	49.29	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	6.90	45	792526	36.93	ng	55
17) 2-Methylphenol	6.90	107	328250	42.90	ng	# 80
18) Hexachloroethane	7.12	117	158681	39.74	ng	98
19) n-Nitroso-di-n-propylamine	7.05	70	327134	43.95	ng	# 81
20) 3+4-Methylphenols	7.06	107	439919	44.02	ng	# 61
22) Acetophenone	7.04	105	581395	44.72	ng	97
24) Nitrobenzene	7.21	77	483919	42.92	ng	93
25) Isophorone	7.45	82	842227	41.41	ng	97
26) 2-Nitrophenol	7.53	139	198769	40.11	ng	94
27) 2,4-Dimethylphenol	7.59	122	358479	42.46	ng	94
28) bis(2-Chloroethoxy)methane	7.67	93	511319	46.61	ng	98
29) 2,4-Dichlorophenol	7.78	162	321281	43.24	ng	92
30) 1,2,4-Trichlorobenzene	7.85	180	351758	42.34	ng	99
31) Naphthalene	7.92	128	1098015	39.83	ng	99
32) Benzoic acid	7.74	122	178627	36.02	ng	# 82
33) 4-Chloroaniline	7.99	127	147881	13.81	ng	# 94
34) Hexachlorobutadiene	8.04	225	205706	42.67	ng	99
35) Caprolactam	8.36	113	72954	28.86	ng	# 52
36) 4-Chloro-3-methylphenol	8.49	107	353809	39.26	ng	87
37) 2-Methylnaphthalene	8.62	142	778647	48.32	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	299572	39.37	ng	97
40) Hexachlorocyclopentadiene	8.76	237	262781	72.75	ng	95

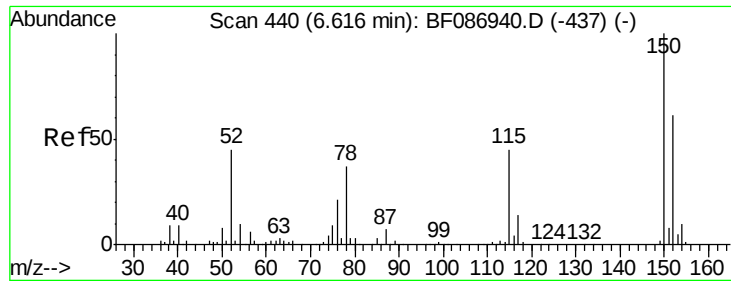
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	211159	41.50	ng	95
43) 2,4,5-Trichlorophenol	8.96	196	198199	37.66	ng	95
45) 1,1'-Biphenyl	9.08	154	933790	44.85	ng	99
46) 2-Chloronaphthalene	9.10	162	656941	40.28	ng	# 92
47) 2-Nitroaniline	9.21	65	273794	45.93	ng	# 75
48) Acenaphthylene	9.51	152	1029123	42.90	ng	99
49) Dimethylphthalate	9.39	163	859643	43.05	ng	100
50) 2,6-Dinitrotoluene	9.45	165	167232	39.79	ng	# 68
51) Acenaphthene	9.68	154	618339	41.43	ng	98
52) 3-Nitroaniline	9.62	138	99678	22.53	ng	84
53) 2,4-Dinitrophenol	9.74	184	102631	50.89	ng	89
54) Dibenzofuran	9.85	168	909780	47.49	ng	91
55) 4-Nitrophenol	9.85	139	601731	196.91	ng	# 23
56) 2,4-Dinitrotoluene	9.86	165	237556	45.68	ng	# 84
57) Fluorene	10.19	166	661304	40.48	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.99	232	188684	47.62	ng	95
59) Diethylphthalate	10.09	149	859790	44.18	ng	97
60) 4-Chlorophenyl-phenylether	10.19	204	344406	49.73	ng	94
61) 4-Nitroaniline	10.24	138	175444	41.29	ng	# 68
62) Azobenzene	10.35	77	1048137	49.93	ng	87
64) 4,6-Dinitro-2-methylphenol	10.26	198	91936	29.44	ng	# 17
65) n-Nitrosodiphenylamine	10.32	169	701418	45.42	ng	99
66) 4-Bromophenyl-phenylether	10.68	248	210704	41.34	ng	# 74
67) Hexachlorobenzene	10.74	284	254398	42.71	ng	# 87
68) Atrazine	10.86	200	233395	45.24	ng	94
69) Pentachlorophenol	10.95	266	203680	73.99	ng	96
70) Phenanthrene	11.15	178	1171963	43.69	ng	99
71) Anthracene	11.20	178	1089270	39.70	ng	100
72) Carbazole	11.37	167	1086795	46.08	ng	100
73) Di-n-butylphthalate	11.70	149	1264177	43.89	ng	# 99
74) Fluoranthene	12.33	202	1094447	39.67	ng	98
76) Benzidine	12.47	184	231830	27.68	ng	96
77) Pyrene	12.56	202	1184638	47.09	ng	100
79) Butylbenzylphthalate	13.19	149	498992	46.90	ng	# 72
80) Benzo(a)anthracene	13.75	228	852422	46.21	ng	98
81) 3,3'-Dichlorobenzidine	13.71	252	161890	13.81	ng	# 98
82) Chrysene	13.78	228	886615	47.25	ng	99
83) Bis(2-ethylhexyl)phthalate	13.75	149	611147	47.75	ng	# 94
84) Di-n-octyl phthalate	14.35	149	1064988	50.23	ng	# 84
85) Indeno(1,2,3-cd)pyrene	16.37	276	779778	49.95	ng	95
87) Benzo(b)fluoranthene	14.74	252	1496452	75.26	ng	98
88) Benzo(k)fluoranthene	14.74	252	1497999	92.00	ng	99
89) Benzo(a)pyrene	15.06	252	741718	43.25	ng	98
90) Dibenzo(a,h)anthracene	16.37	278	646395	44.72	ng	98
91) Benzo(g,h,i)perylene	16.73	276	666309	45.37	ng	# 91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.08 min

Lab File: BF087037.D

Acq: 14 May 2016 23:34

Instrument :

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PB90490BS

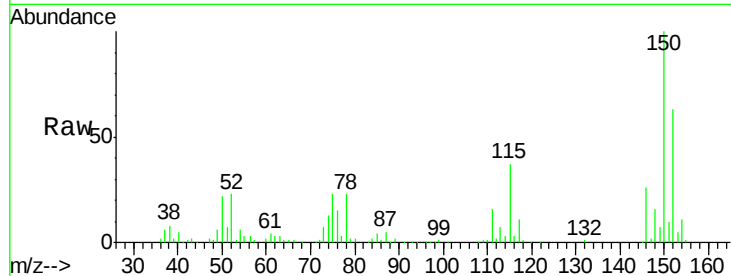
Tgt Ion: 152 Resp: 134957

Ion Ratio Lower Upper

152 100

150 158.7 125.8 188.6

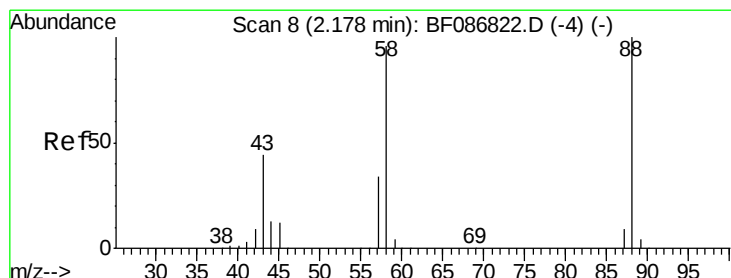
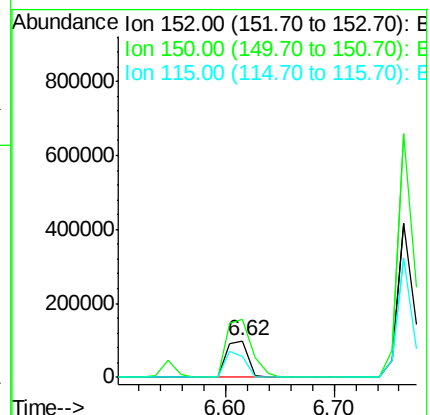
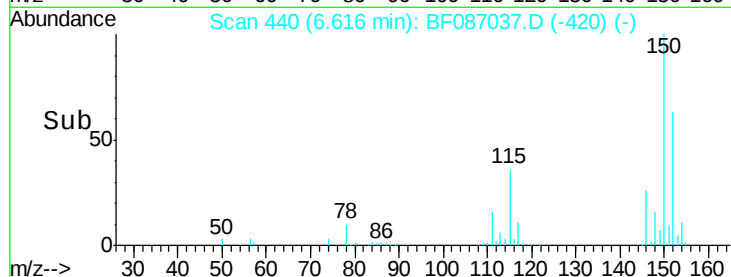
115 58.1 51.5 77.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 33.14 ng

RT: 2.14 min Scan# 48

Delta R.T. -0.04 min

Lab File: BF087037.D

Acq: 14 May 2016 23:34

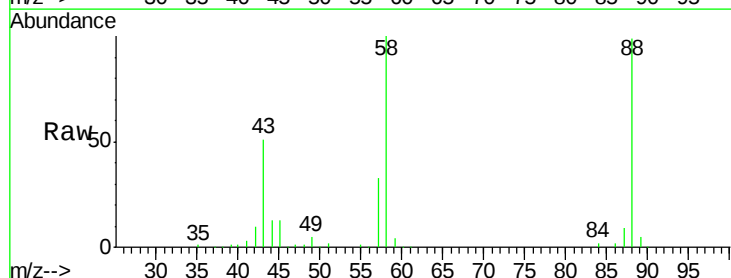
Tgt Ion: 88 Resp: 129650

Ion Ratio Lower Upper

88 100

58 101.3 59.6 89.4#

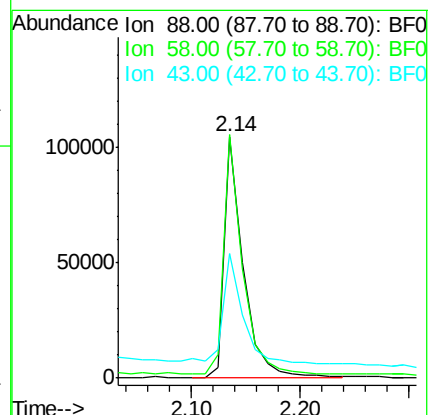
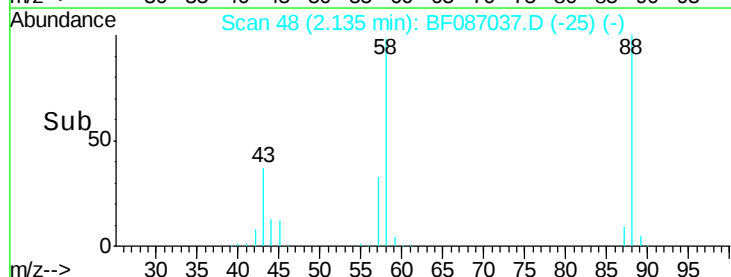
43 63.0 21.8 32.6#

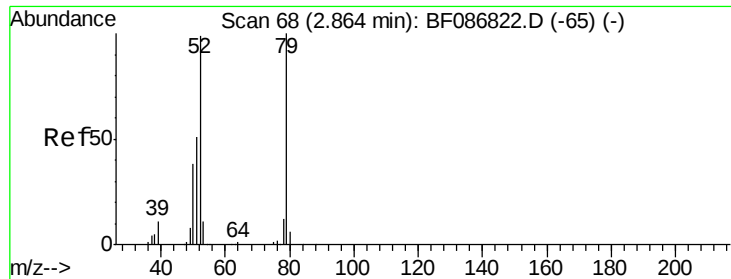


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 40.60 ng

RT: 2.78 min Scan# 104

Delta R.T. -0.09 min

Lab File: BF087037.D

Acq: 14 May 2016 23:34

Instrument :

BNA_F

ClientSampleId :

PB90490BS

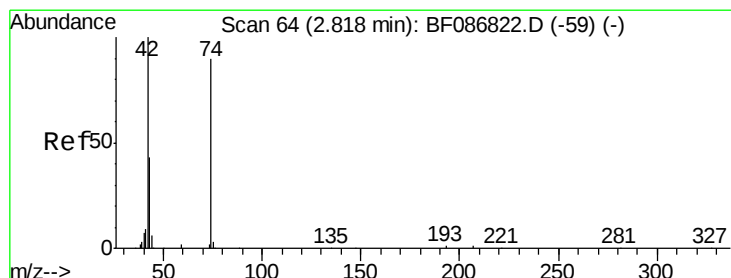
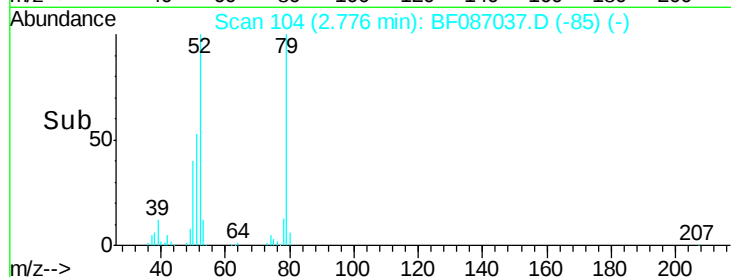
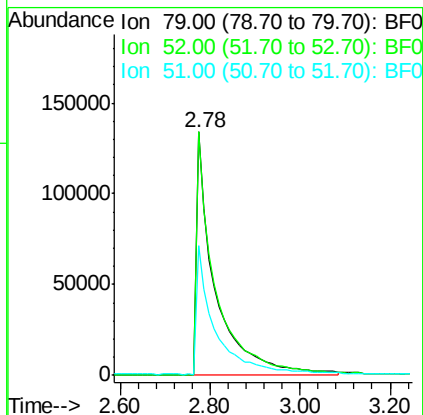
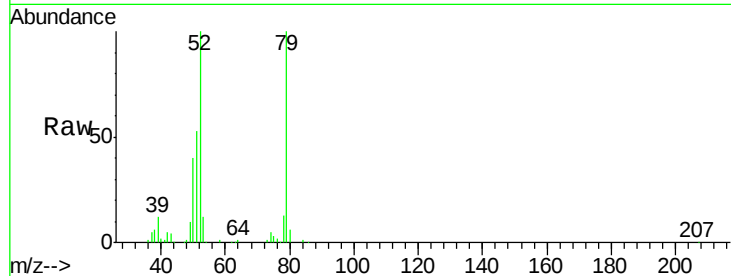
Tgt Ion: 79 Resp: 388315

Ion Ratio Lower Upper

79 100

52 100.0 55.9 83.9#

51 53.5 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 43.36 ng

RT: 2.73 min Scan# 100

Delta R.T. -0.09 min

Lab File: BF087037.D

Acq: 14 May 2016 23:34

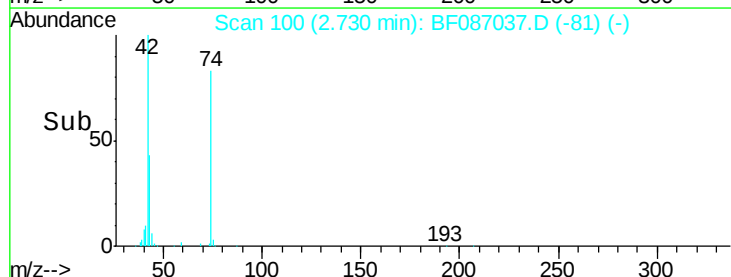
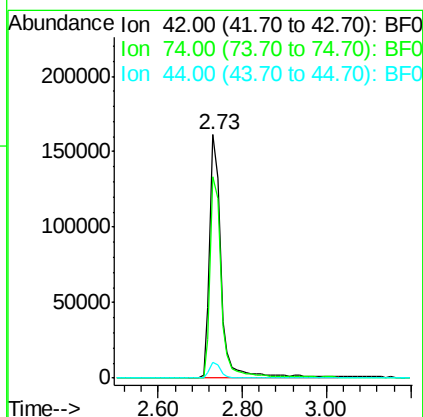
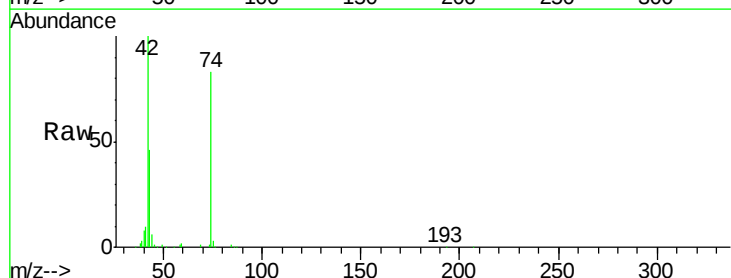
Tgt Ion: 42 Resp: 300750

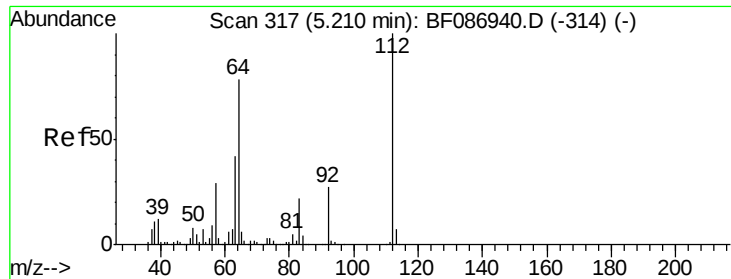
Ion Ratio Lower Upper

42 100

74 82.7 123.4 185.0#

44 6.5 5.8 8.6





#5

2-Fluorophenol

Concen: 118.78 ng

RT: 5.21 min Scan# 317

Delta R.T. -0.08 min

Lab File: BF087037.D

Acq: 14 May 2016 23:34

Instrument :

BNA_F

ClientSampled :

PB90490BS

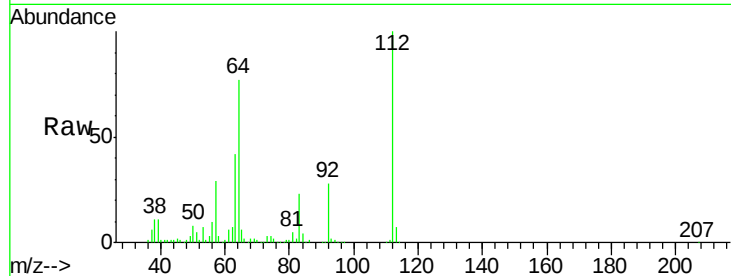
Tgt Ion: 112 Resp: 946554

Ion Ratio Lower Upper

112 100

64 77.1 52.1 78.1

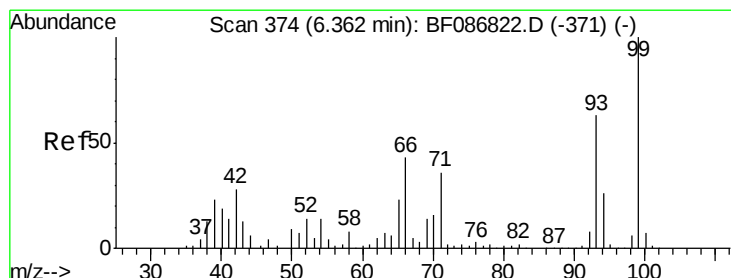
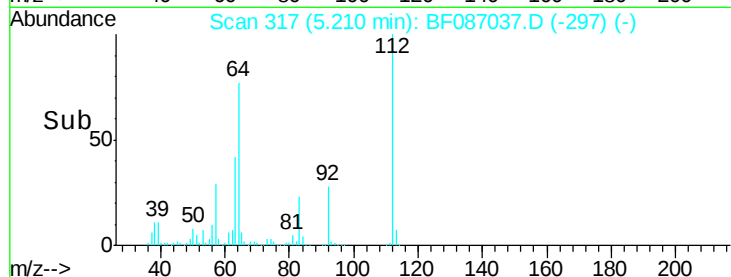
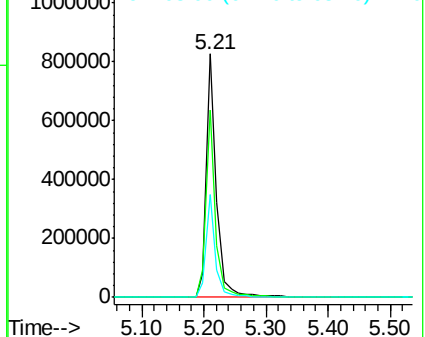
63 42.5 25.7 38.5#



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: 20.17 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.08 min

Lab File: BF087037.D

Acq: 14 May 2016 23:34

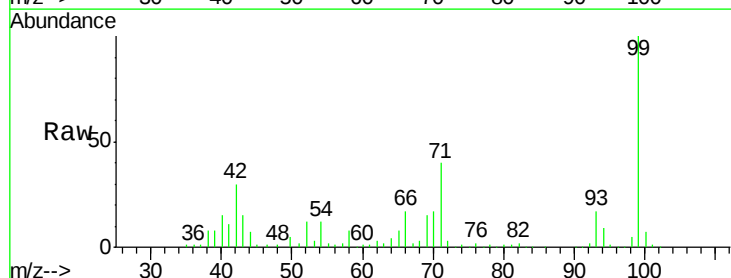
Tgt Ion: 93 Resp: 259838

Ion Ratio Lower Upper

93 100

66 101.4 39.0 58.6#

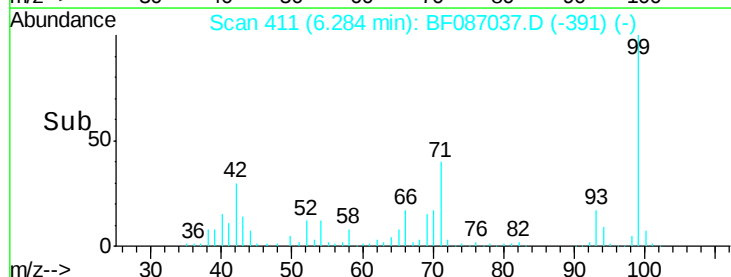
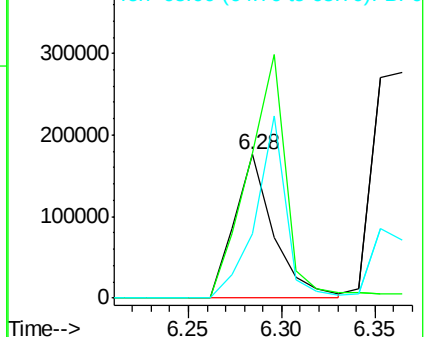
65 45.2 20.6 31.0#

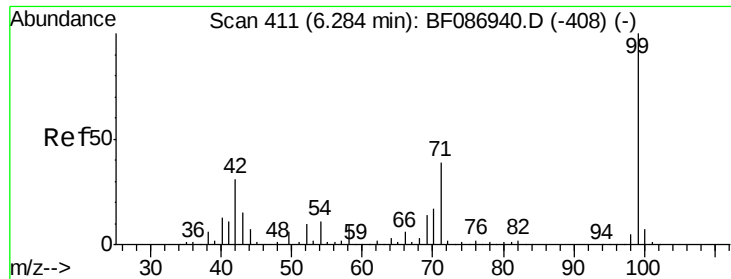


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 116.85 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.08 min

Lab File: BF087037.D

Acq: 14 May 2016 23:34

Instrument :

BNA_F

ClientSampleId :

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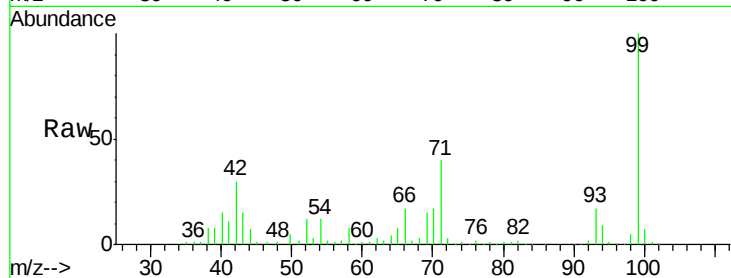
Tgt Ion: 99 Resp: 1244457

Ion Ratio Lower Upper

99 100

42 30.2 13.6 20.4#

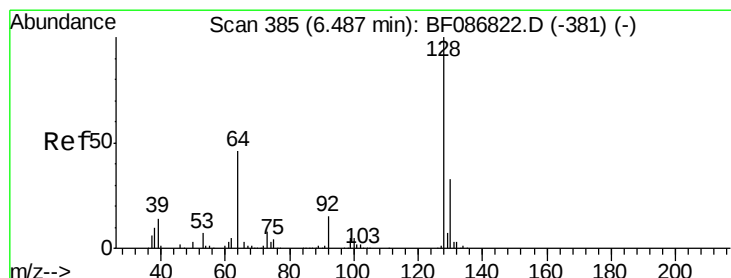
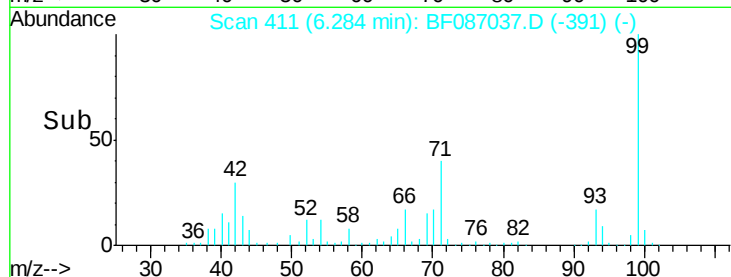
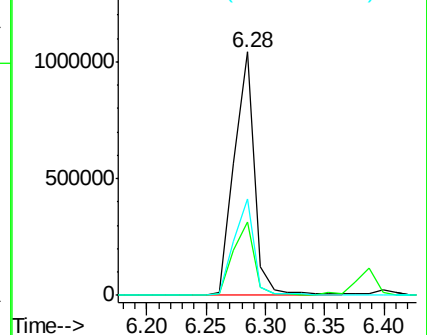
71 39.8 24.6 36.8#



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: 40.70 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.09 min

Lab File: BF087037.D

Acq: 14 May 2016 23:34

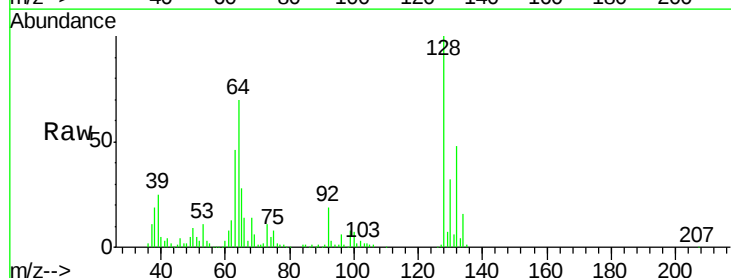
Tgt Ion: 128 Resp: 391377

Ion Ratio Lower Upper

128 100

130 32.4 12.5 52.5

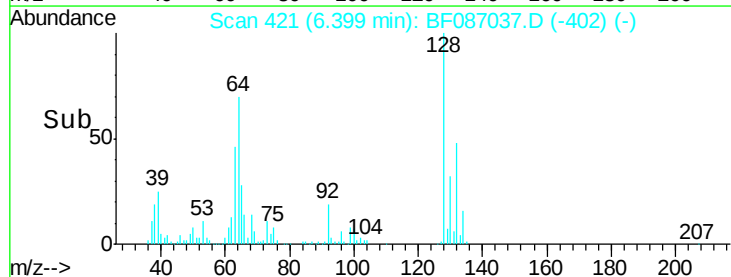
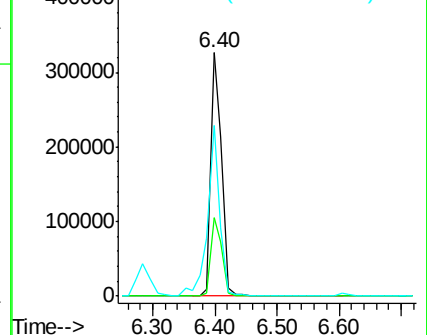
64 69.9 27.3 67.3#

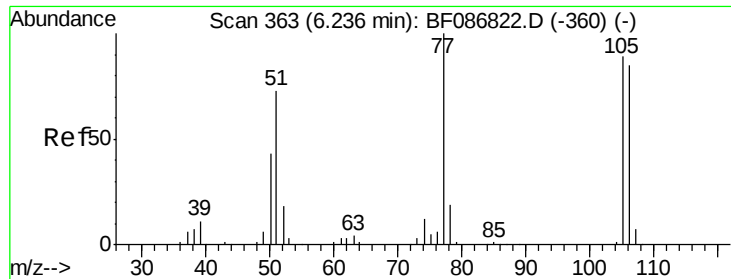


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 3.70 ng

RT: 6.17 min Scan# 401

Delta R.T. -0.07 min

Lab File: BF087037.D

Acq: 14 May 2016 23:34

Instrument :

BNA_F

ClientSampleId :

PB90490BS

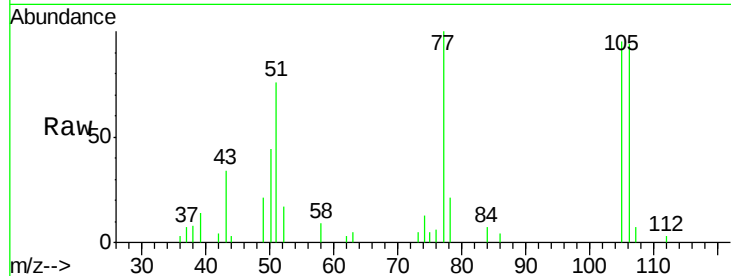
Tgt Ion: 77 Resp: 22823

Ion Ratio Lower Upper

77 100

105 95.1 72.7 112.7

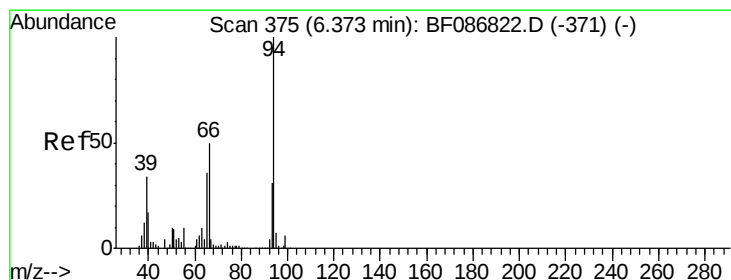
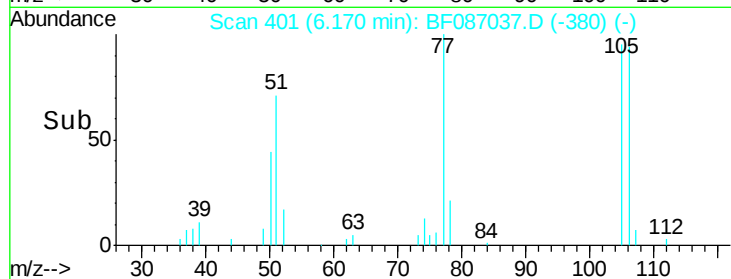
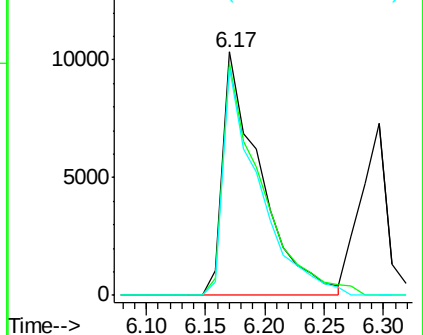
106 93.5 70.8 110.8



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: 44.28 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.08 min

Lab File: BF087037.D

Acq: 14 May 2016 23:34

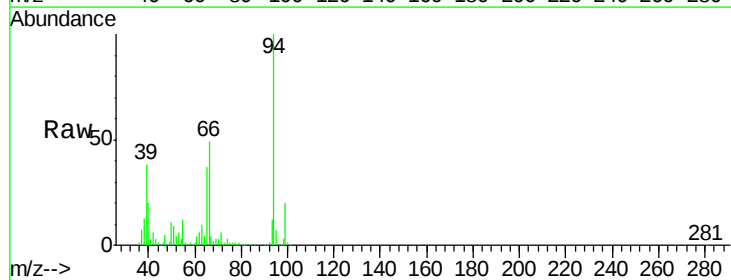
Tgt Ion: 94 Resp: 560525

Ion Ratio Lower Upper

94 100

65 36.7 7.2 47.2

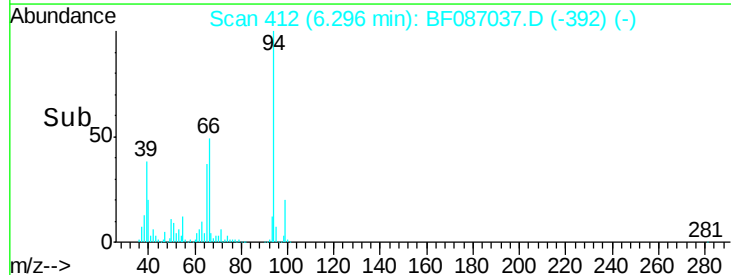
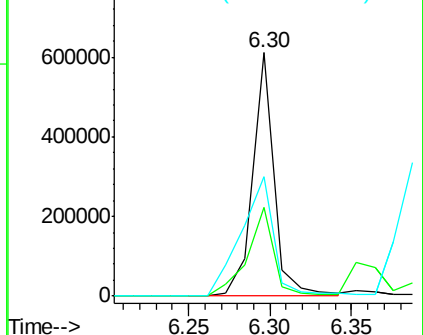
66 48.8 14.9 54.9

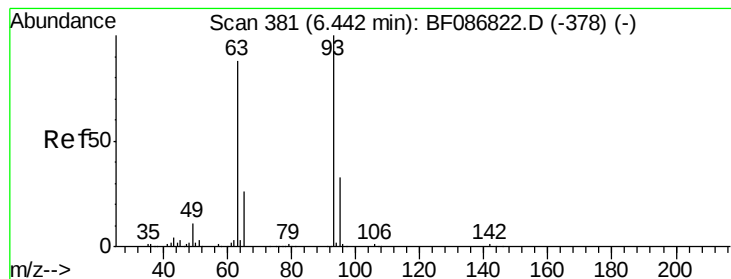


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 42.41 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.08 min

Lab File: BF087037.D

Acq: 14 May 2016 23:34

Instrument :

BNA_F

ClientSampleId :

PB90490BS

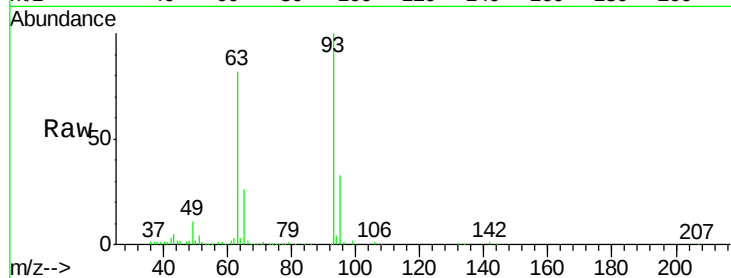
Tgt Ion: 93 Resp: 418593

Ion Ratio Lower Upper

93 100

63 81.7 58.0 98.0

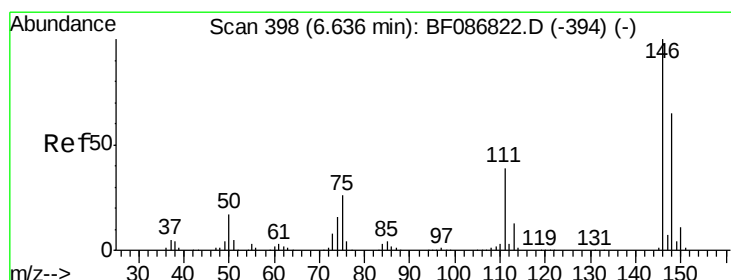
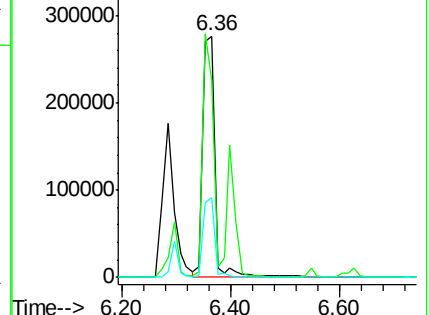
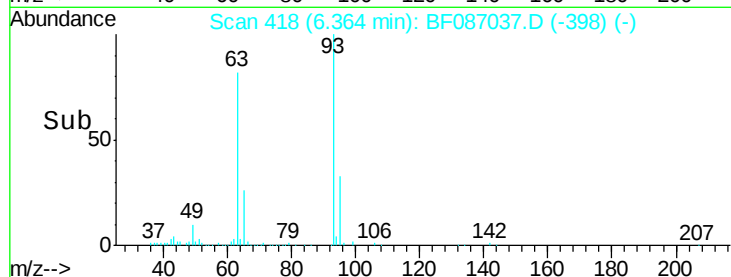
95 32.8 11.9 51.9



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 38.51 ng

RT: 6.55 min Scan# 434

Delta R.T. -0.09 min

Lab File: BF087037.D

Acq: 14 May 2016 23:34

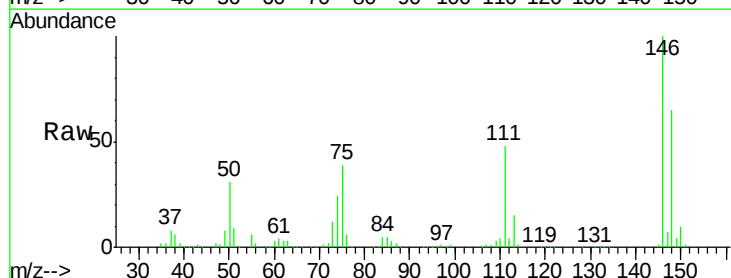
Tgt Ion: 146 Resp: 400766

Ion Ratio Lower Upper

146 100

148 64.7 52.4 78.6

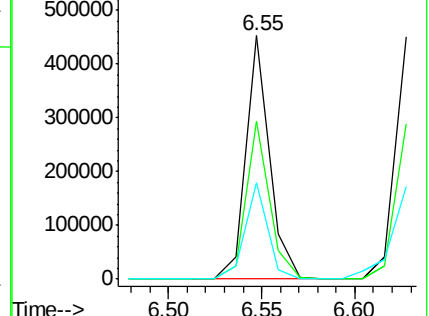
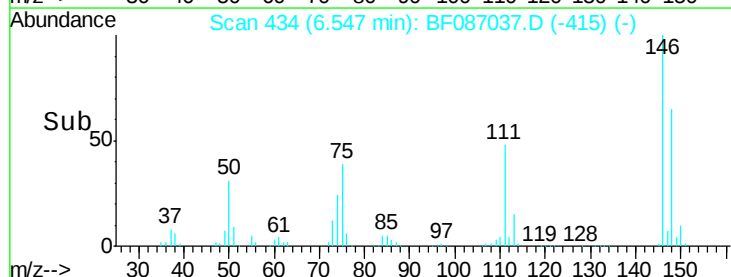
75 39.4 22.8 34.2#

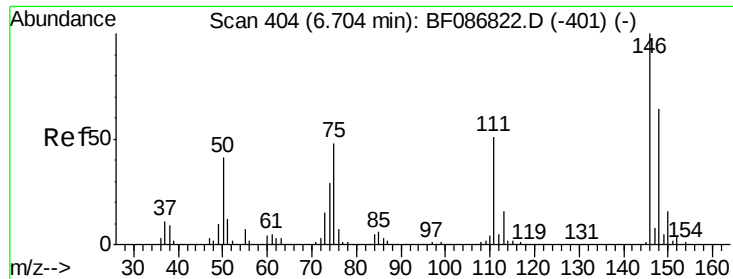


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

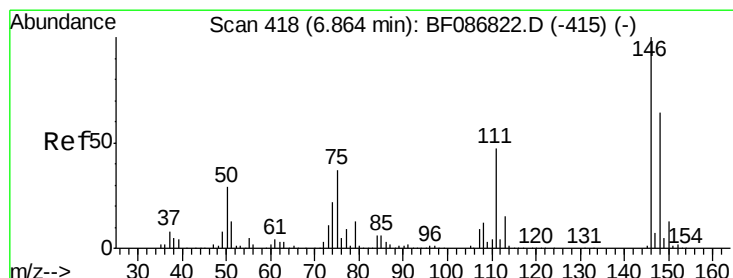
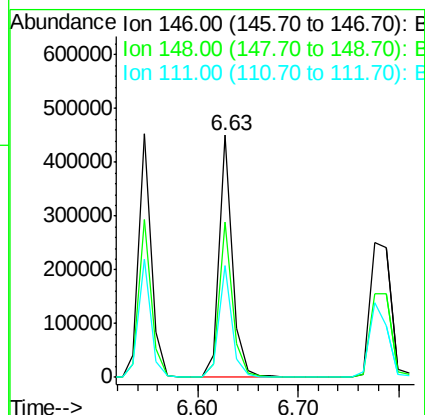
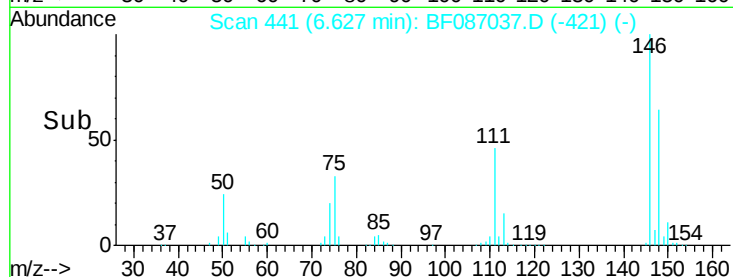
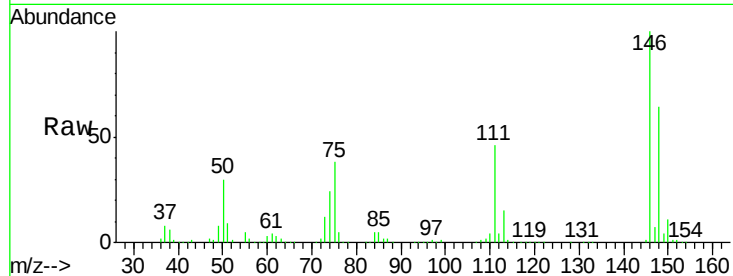




#13
 1,4-Dichlorobenzene
 Concen: 39.15 ng
 RT: 6.63 min Scan# 441
 Delta R.T. -0.08 min
 Lab File: BF087037.D
 Acq: 14 May 2016 23:34

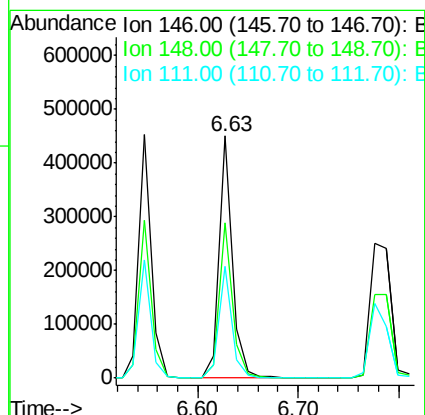
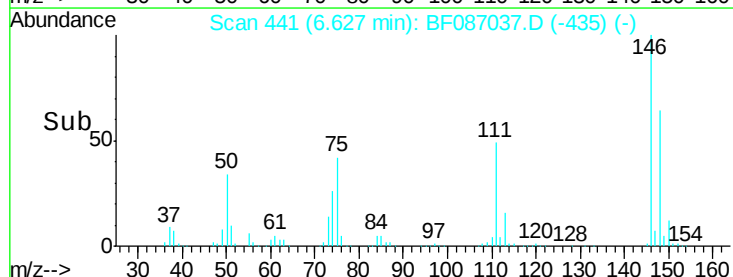
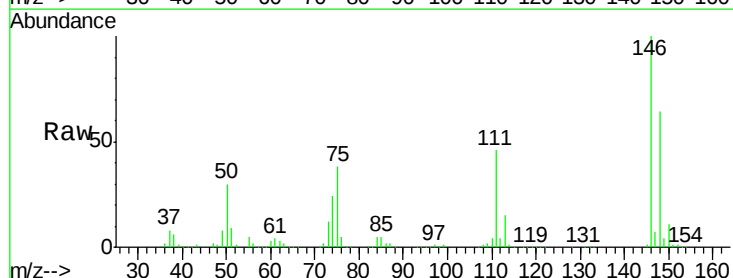
Instrument :
 BNA_F
 ClientSampleId :
 PB90490BS

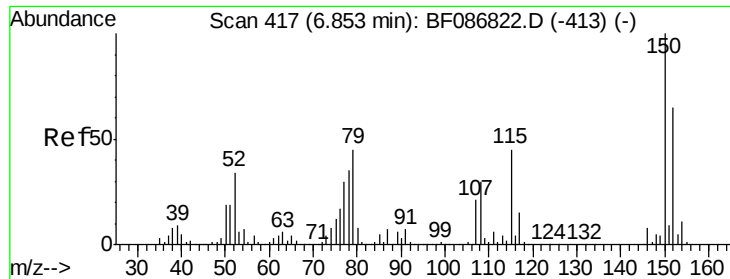
Tgt Ion:146 Resp: 415419
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.2 78.4
 111 46.3 30.7 46.1#



#14
 1,2-Dichlorobenzene
 Concen: 45.22 ng
 RT: 6.63 min Scan# 441
 Delta R.T. -0.24 min
 Lab File: BF087037.D
 Acq: 14 May 2016 23:34

Tgt Ion:146 Resp: 418227
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.0 76.6
 111 46.3 36.2 54.4

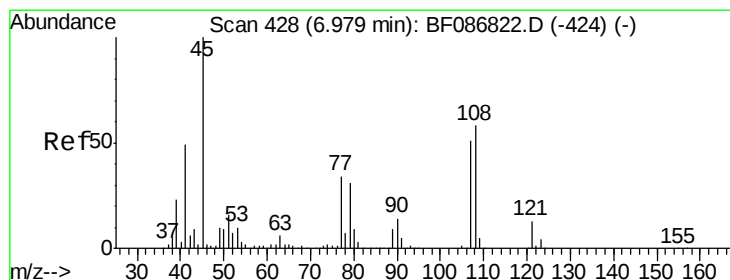
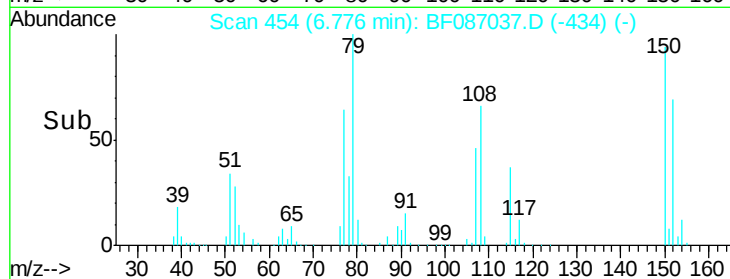
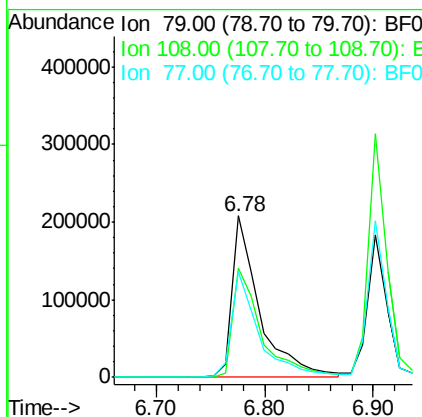
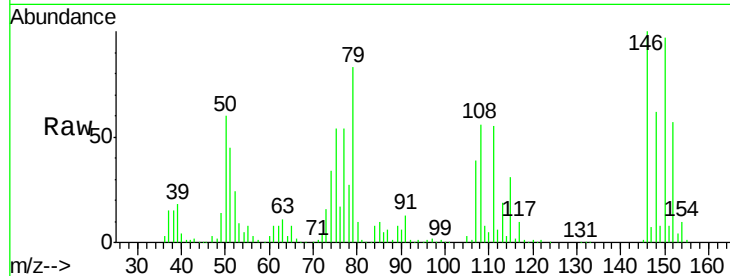




#15
Benzyl Alcohol
Concen: 49.29 ng
RT: 6.78 min Scan# 454
Delta R.T. -0.08 min
Lab File: BF087037.D
Acq: 14 May 2016 23:34

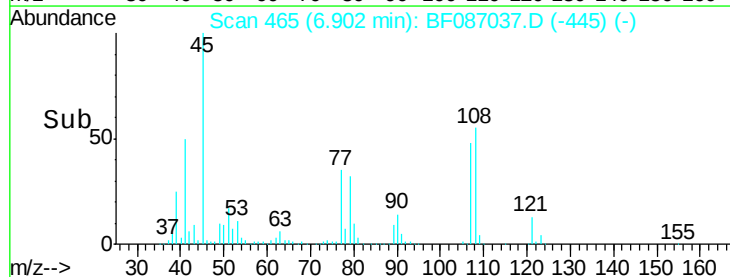
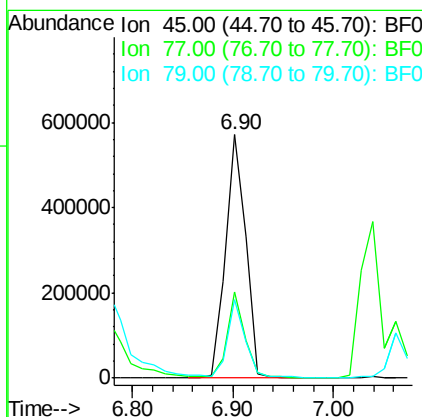
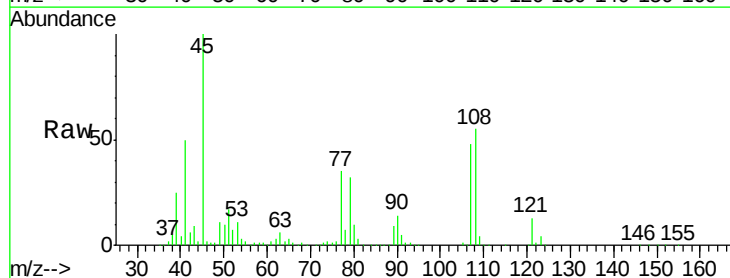
Instrument :
BNA_F
ClientSampleId :
PB90490BS

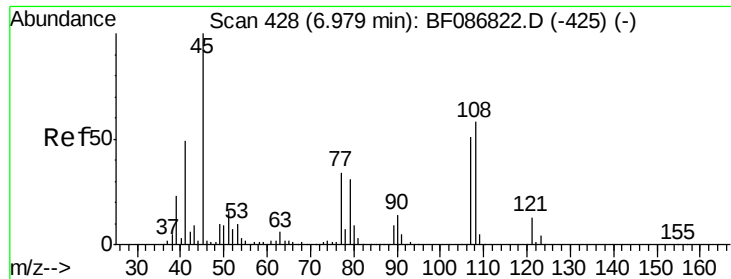
Tgt Ion: 79 Resp: 362489
Ion Ratio Lower Upper
79 100
108 67.7 68.4 102.6#
77 65.1 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.93 ng
RT: 6.90 min Scan# 465
Delta R.T. -0.08 min
Lab File: BF087037.D
Acq: 14 May 2016 23:34

Tgt Ion: 45 Resp: 792526
Ion Ratio Lower Upper
45 100
77 35.3 0.0 36.4
79 32.0 0.0 33.4

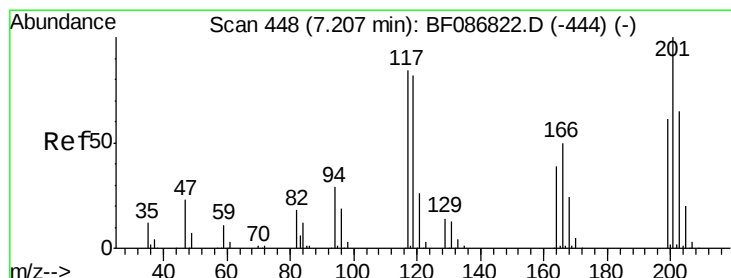
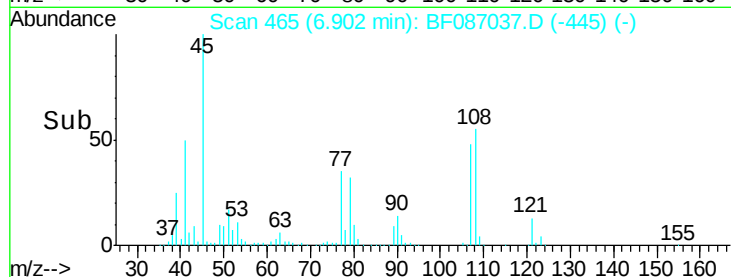
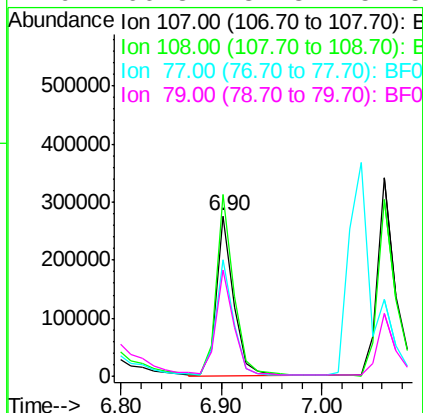
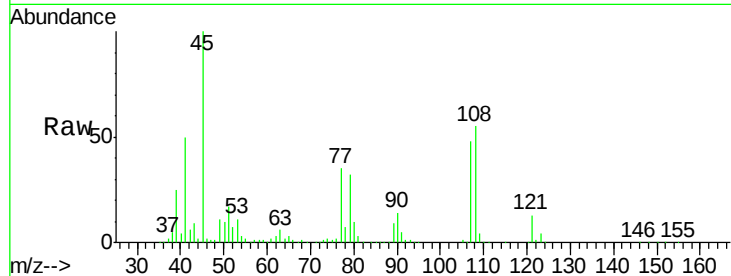




#17
2-Methylphenol
Concen: 42.90 ng
RT: 6.90 min Scan# 465
Delta R.T. -0.08 min
Lab File: BF087037.D
Acq: 14 May 2016 23:34

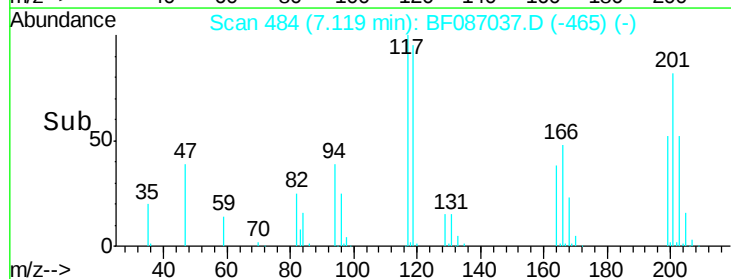
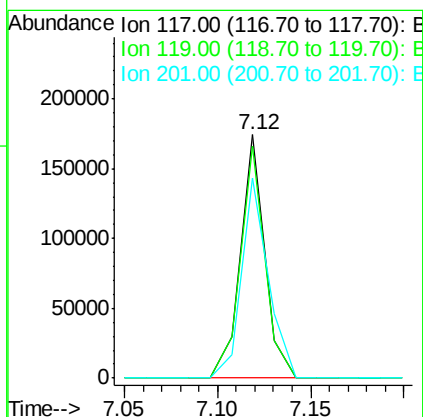
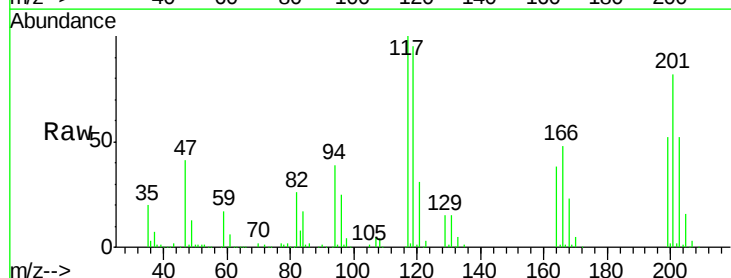
Instrument :
BNA_F
ClientSampleId :
PB90490BS

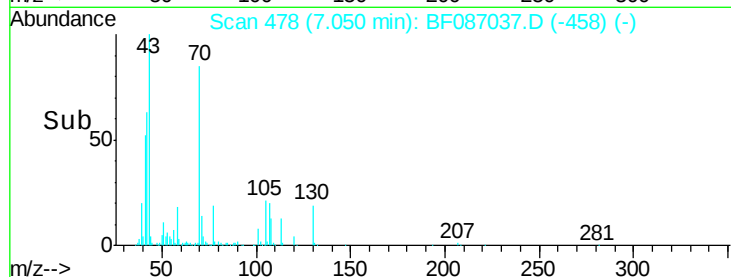
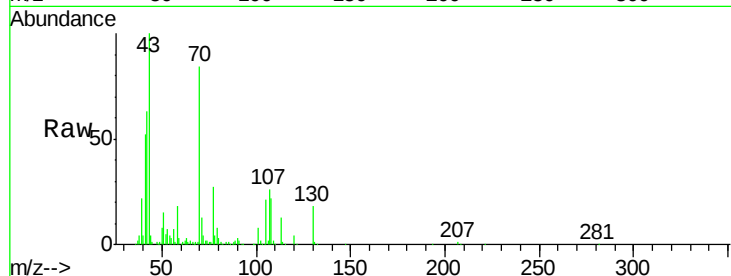
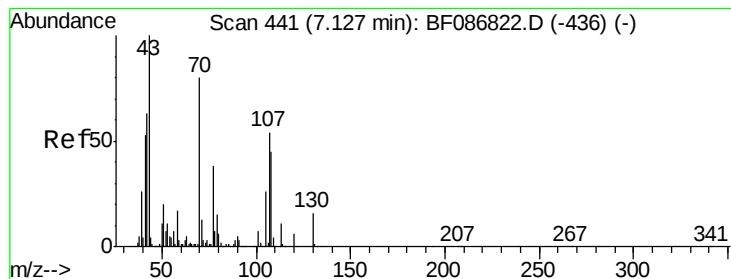
Tgt Ion:107 Resp: 328250
Ion Ratio Lower Upper
107 100
108 113.6 93.7 140.5
77 73.0 33.4 50.0#
79 66.3 34.3 51.5#



#18
Hexachloroethane
Concen: 39.74 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.09 min
Lab File: BF087037.D
Acq: 14 May 2016 23:34

Tgt Ion:117 Resp: 158681
Ion Ratio Lower Upper
117 100
119 95.5 76.5 114.7
201 82.2 63.0 94.6

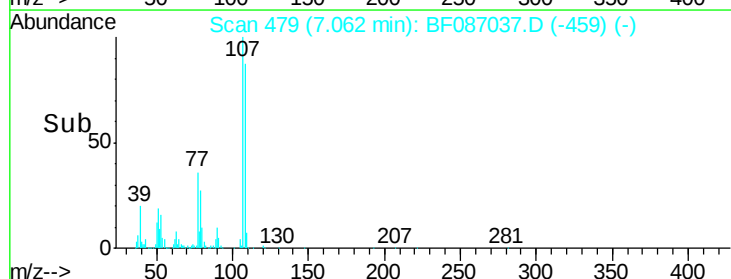
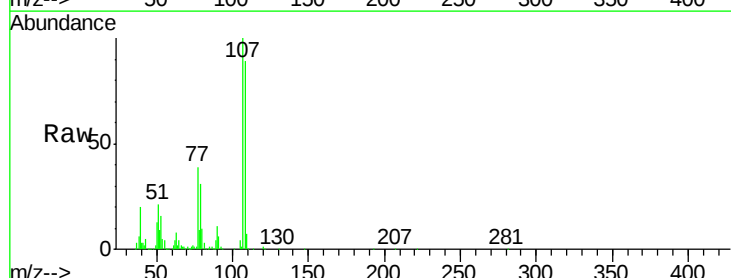
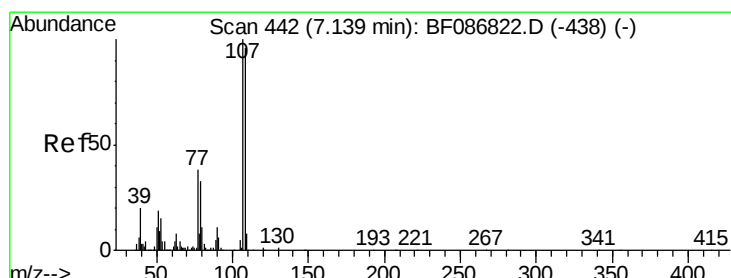
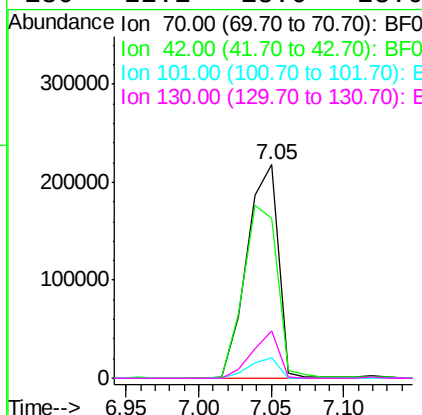




#19
n-Nitroso-di-n-propylamine
Concen: 43.95 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.08 min
Lab File: BF087037.D
Acq: 14 May 2016 23:34

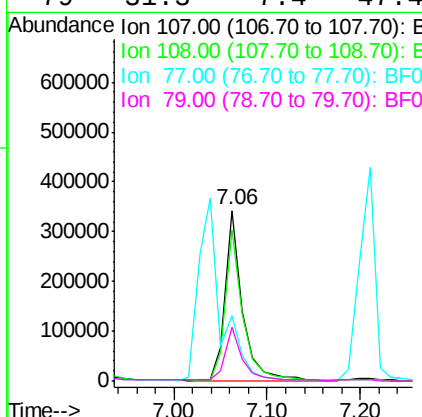
Instrument :
BNA_F
ClientSampleId :
PB90490BS

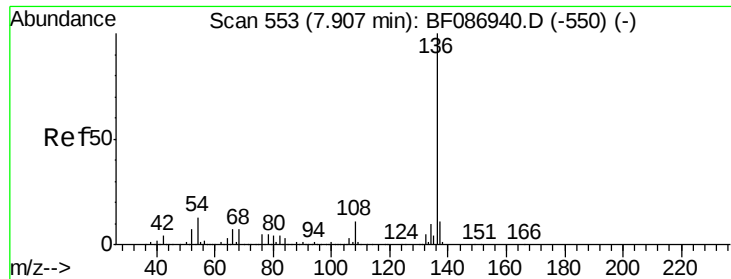
Tgt Ion	Ratio	Lower	Upper
70	100		
42	74.9	43.1	64.7#
101	9.5	8.1	12.1
130	22.1	18.6	28.0



#20
3+4-Methylphenols
Concen: 44.02 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.08 min
Lab File: BF087037.D
Acq: 14 May 2016 23:34

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.9	68.5	108.5
77	38.7	101.6	141.6#
79	31.3	7.4	47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.09 min

Lab File: BF087037.D

Acq: 14 May 2016 23:34

Instrument :

BNA_F

ClientSampleId :

PB90490BS

Tgt Ion:136 Resp: 550368

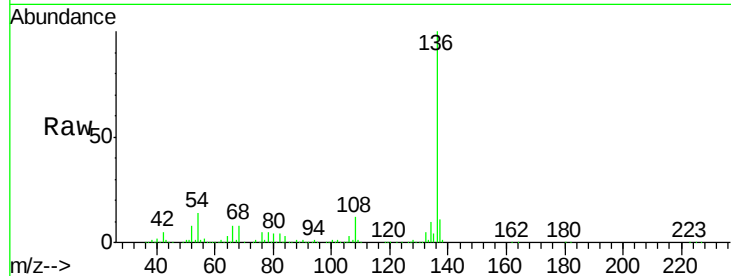
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 14.0 5.0 7.4#

68 7.5 4.4 6.6#

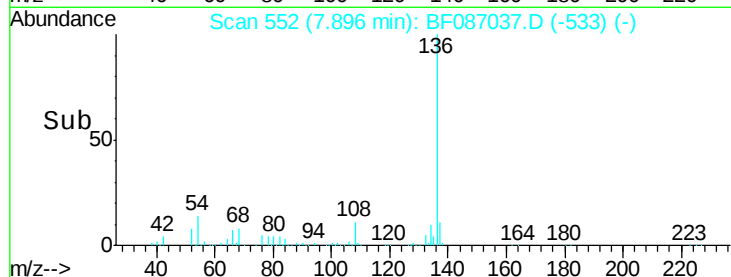


Abundance Ion 136.00 (135.70 to 136.70): E

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



Abundance

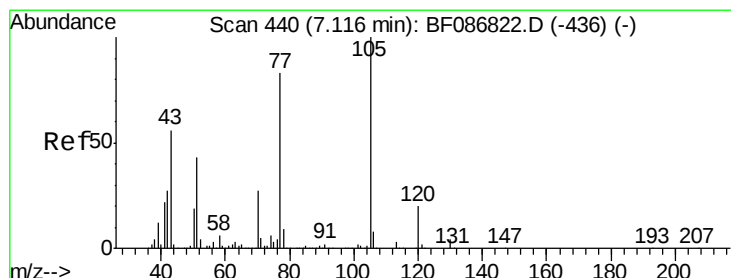
7.90

400000

200000

0

Time-->



#22

Acetophenone

Concen: 44.72 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.08 min

Lab File: BF087037.D

Acq: 14 May 2016 23:34

Tgt Ion:105 Resp: 581395

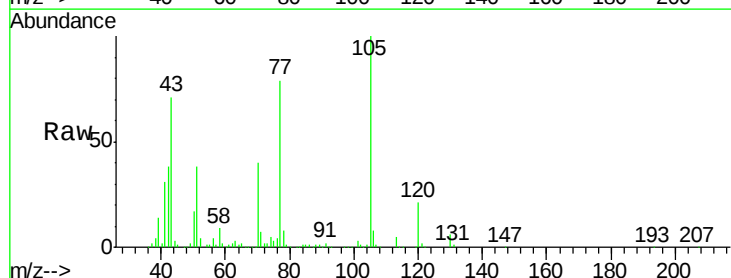
Ion Ratio Lower Upper

105 100

71 6.7 4.8 7.2

51 37.8 32.6 49.0

120 21.0 16.5 24.7

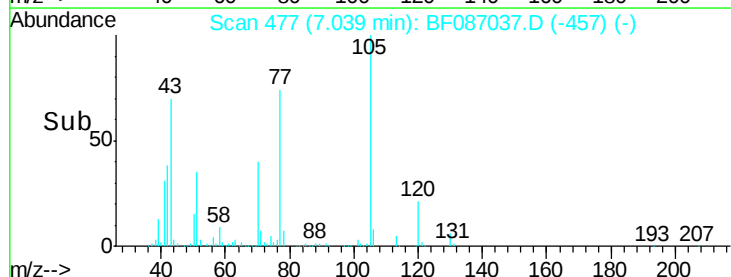


Abundance Ion 105.00 (104.70 to 105.70): E

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



Abundance

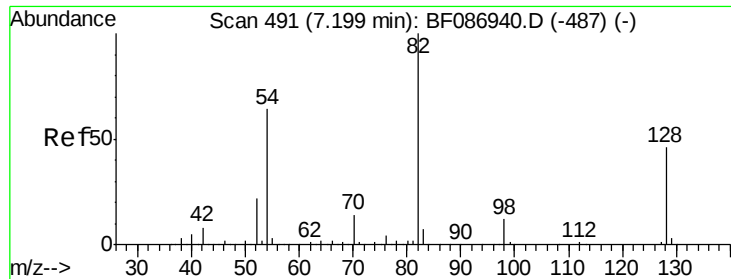
7.04

400000

200000

0

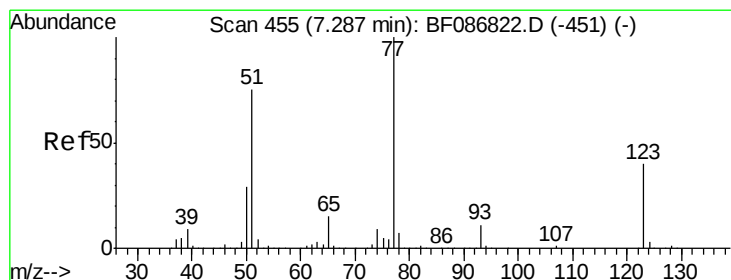
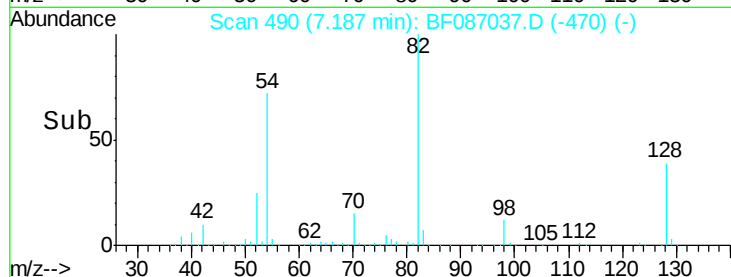
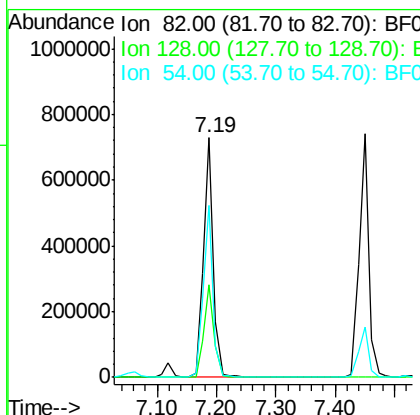
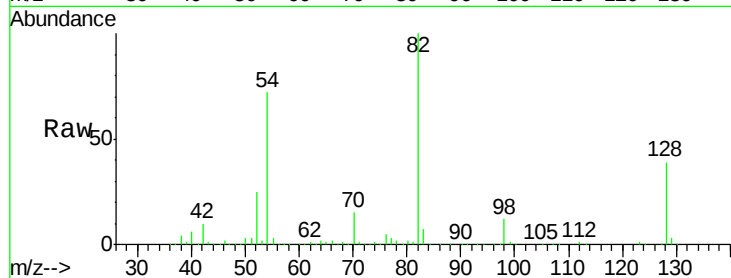
Time-->



#23
 Nitrobenzene-d5
 Concen: 79.24 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.08 min
 Lab File: BF087037.D
 Acq: 14 May 2016 23:34

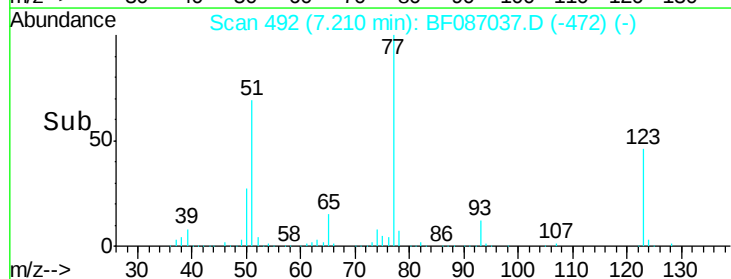
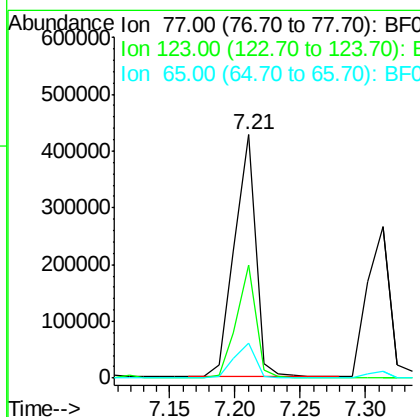
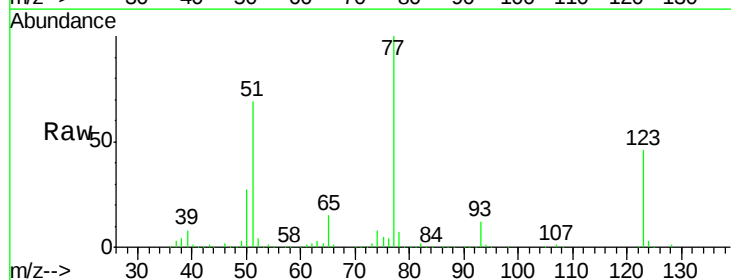
Instrument :
 BNA_F
 ClientSampleId :
 PB90490BS

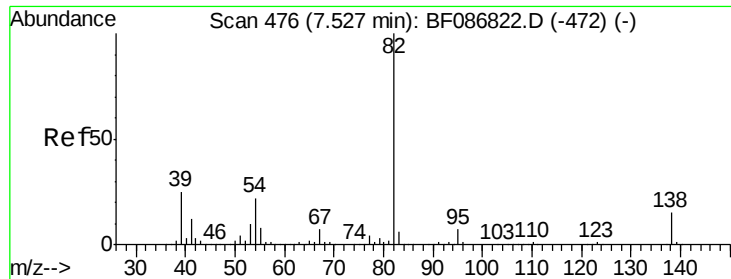
Tgt Ion: 82 Resp: 868475
 Ion Ratio Lower Upper
 82 100
 128 38.7 40.6 61.0#
 54 71.6 38.1 57.1#



#24
 Nitrobenzene
 Concen: 42.92 ng
 RT: 7.21 min Scan# 492
 Delta R.T. -0.08 min
 Lab File: BF087037.D
 Acq: 14 May 2016 23:34

Tgt Ion: 77 Resp: 483919
 Ion Ratio Lower Upper
 77 100
 123 46.3 33.0 49.4
 65 14.5 10.8 16.2





#25

Isophorone

Concen: 41.41 ng

RT: 7.45 min Scan# 513

Delta R.T. -0.08 min

Lab File: BF087037.D

Acq: 14 May 2016 23:34

Instrument :

BNA_F

ClientSampleId :

PB90490BS

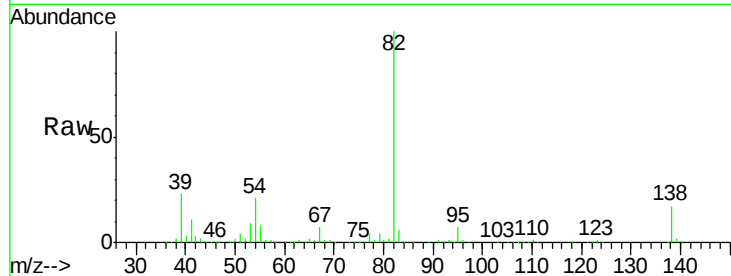
Tgt Ion: 82 Resp: 842227

Ion Ratio Lower Upper

82 100

95 7.5 5.1 7.7

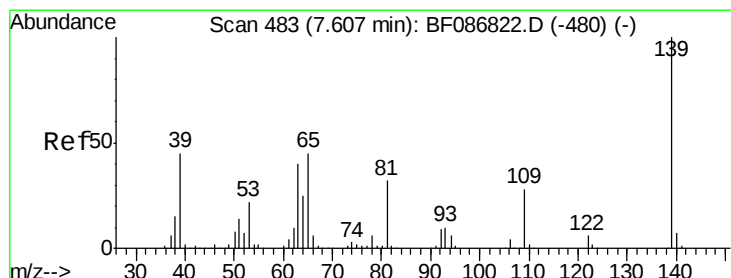
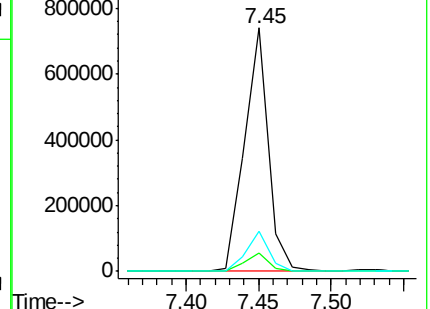
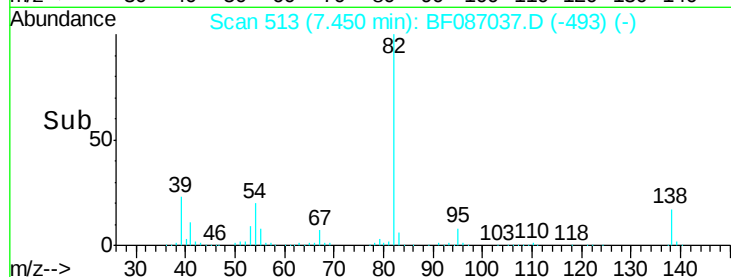
138 16.6 12.4 18.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 40.11 ng

RT: 7.53 min Scan# 520

Delta R.T. -0.08 min

Lab File: BF087037.D

Acq: 14 May 2016 23:34

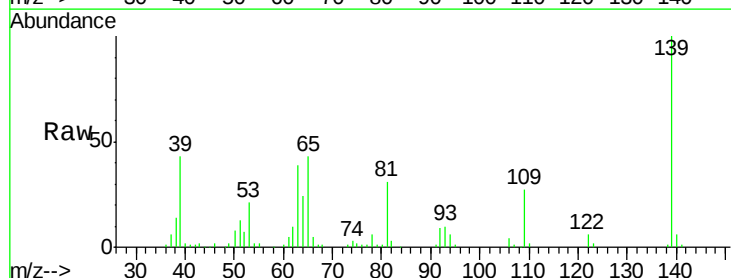
Tgt Ion: 139 Resp: 198769

Ion Ratio Lower Upper

139 100

109 27.4 19.5 29.3

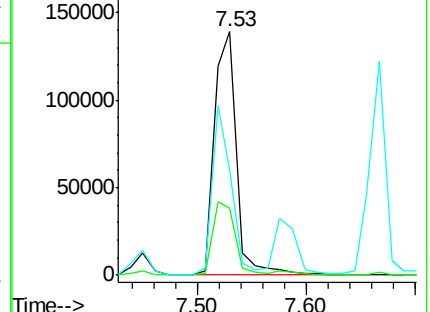
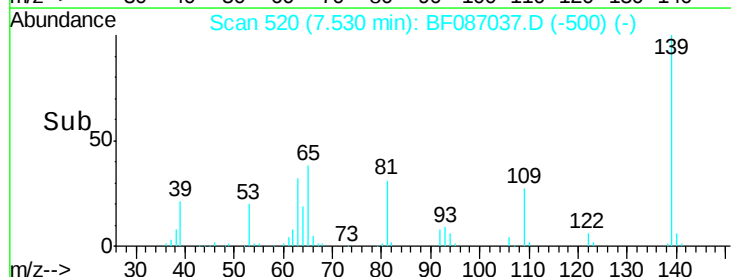
65 43.2 37.5 56.3

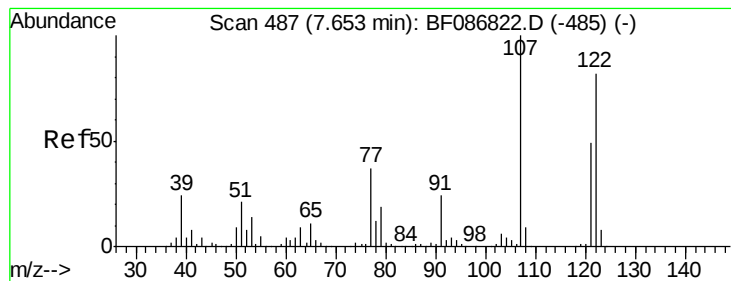


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 42.46 ng

RT: 7.59 min Scan# 525

Delta R.T. -0.07 min

Lab File: BF087037.D

Acq: 14 May 2016 23:34

Instrument :

BNA_F

ClientSampleId :

PB90490BS

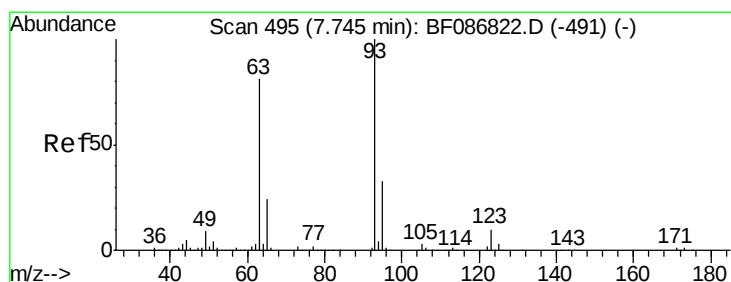
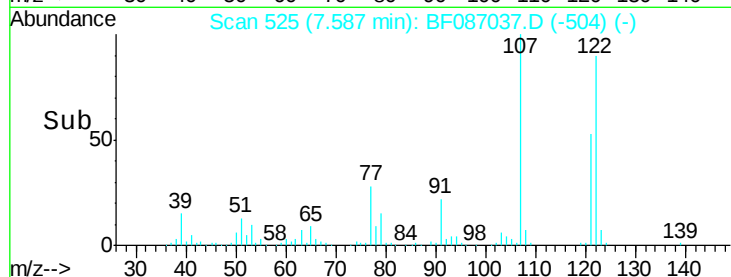
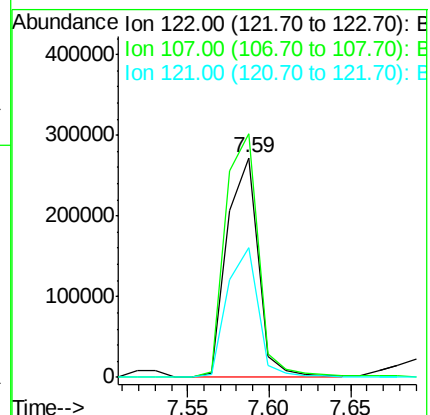
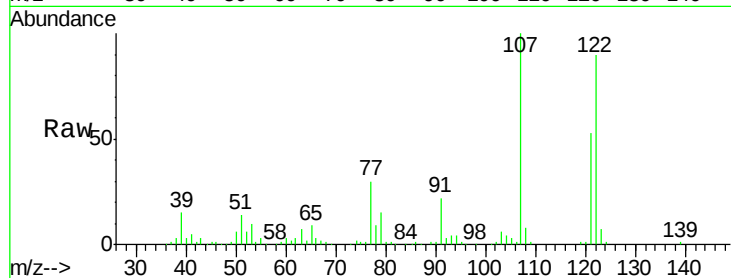
Tgt Ion:122 Resp: 358479

Ion Ratio Lower Upper

122 100

107 110.9 82.0 123.0

121 58.8 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 46.61 ng

RT: 7.67 min Scan# 532

Delta R.T. -0.08 min

Lab File: BF087037.D

Acq: 14 May 2016 23:34

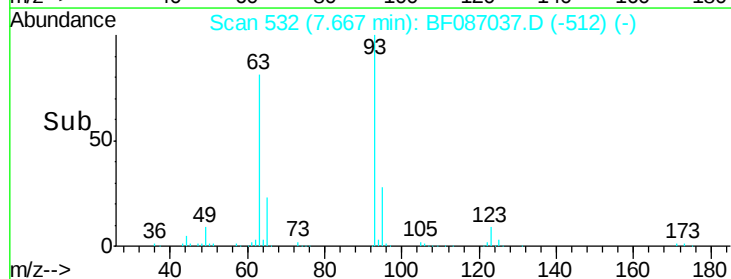
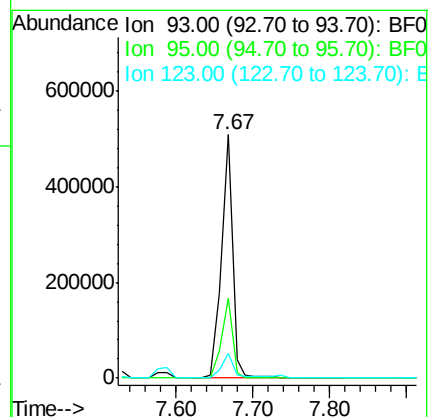
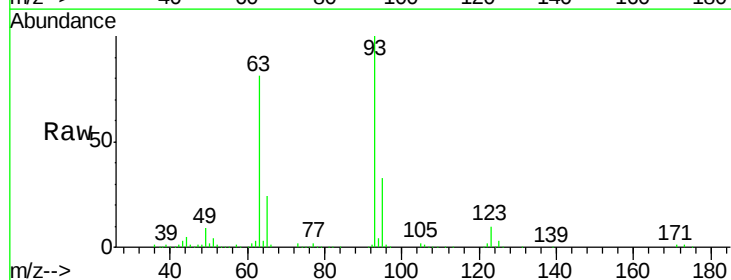
Tgt Ion: 93 Resp: 511319

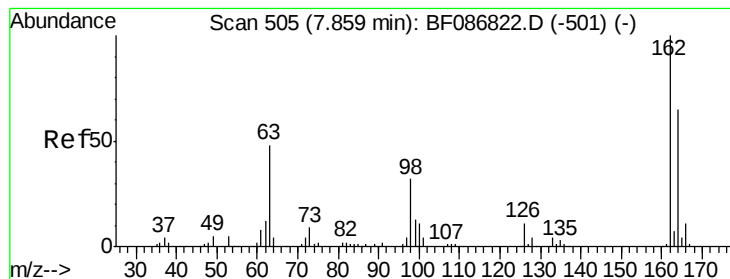
Ion Ratio Lower Upper

93 100

95 32.8 26.0 39.0

123 10.2 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 43.24 ng

RT: 7.78 min Scan# 542

Delta R.T. -0.08 min

Lab File: BF087037.D

Acq: 14 May 2016 23:34

Instrument :

BNA_F

ClientSampleId :

PB90490BS

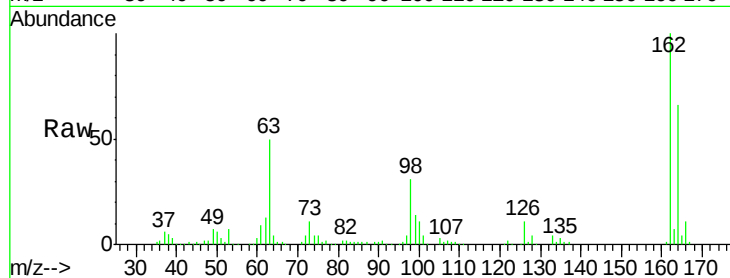
Tgt Ion:162 Resp: 321281

Ion Ratio Lower Upper

162 100

164 65.9 42.2 82.2

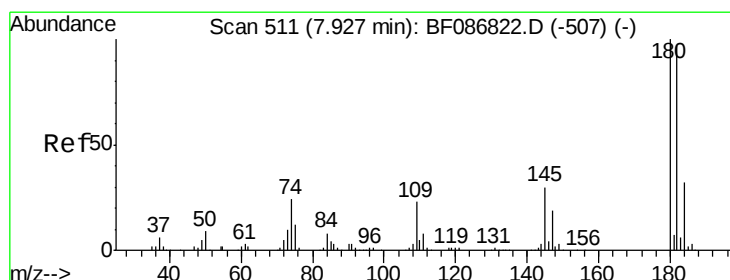
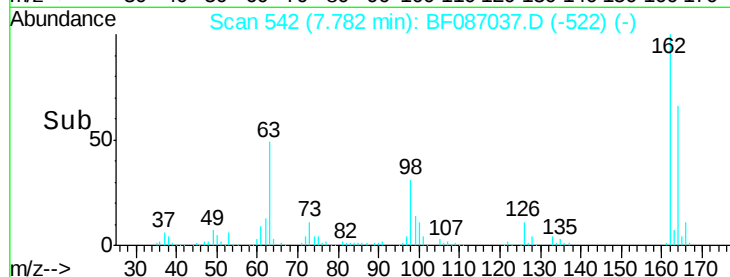
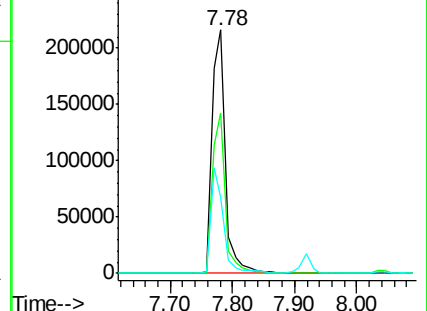
98 31.2 19.0 59.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 42.34 ng

RT: 7.85 min Scan# 548

Delta R.T. -0.08 min

Lab File: BF087037.D

Acq: 14 May 2016 23:34

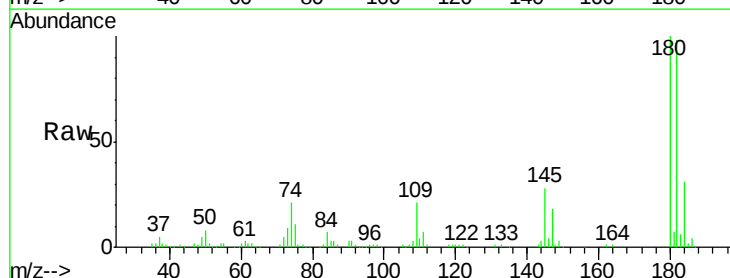
Tgt Ion:180 Resp: 351758

Ion Ratio Lower Upper

180 100

182 97.6 78.0 117.0

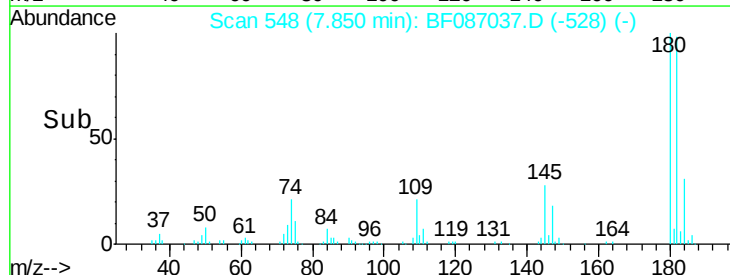
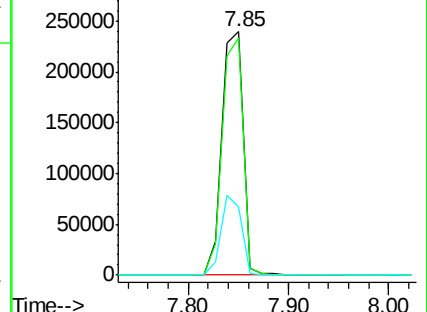
145 28.3 24.2 36.2

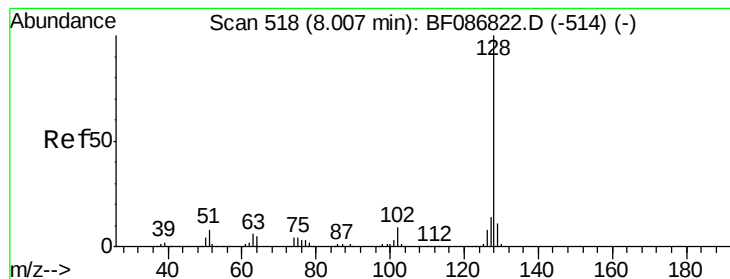


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.83 ng

RT: 7.92 min Scan# 554

Delta R.T. -0.09 min

Lab File: BF087037.D

Acq: 14 May 2016 23:34

Instrument :

BNA_F

ClientSampleId :

PB90490BS

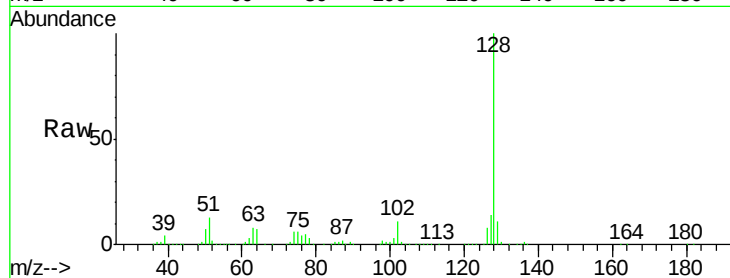
Tgt Ion:128 Resp: 1098015

Ion Ratio Lower Upper

128 100

129 11.4 8.6 13.0

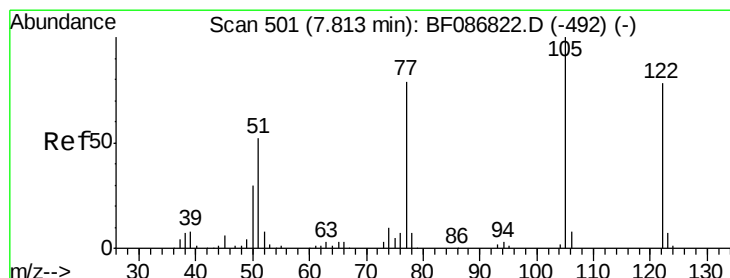
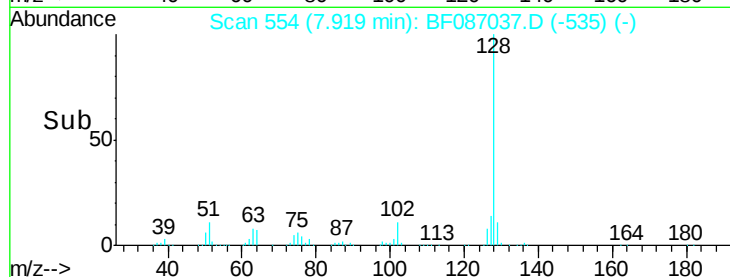
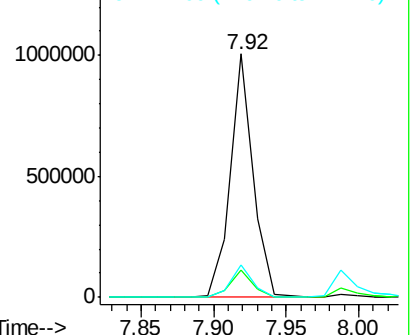
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.02 ng

RT: 7.74 min Scan# 538

Delta R.T. -0.08 min

Lab File: BF087037.D

Acq: 14 May 2016 23:34

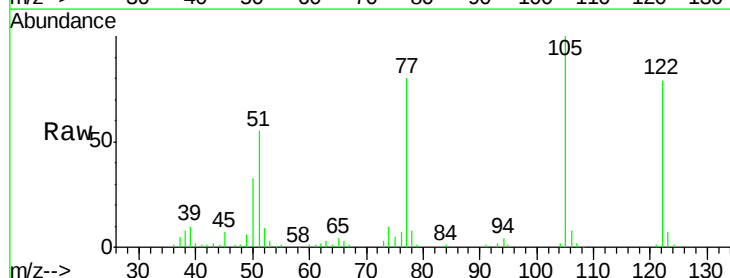
Tgt Ion:122 Resp: 178627

Ion Ratio Lower Upper

122 100

105 126.4 92.6 132.6

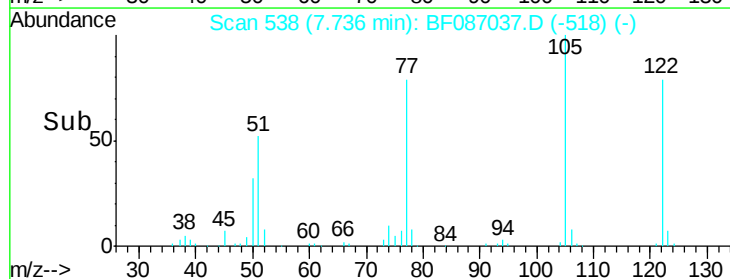
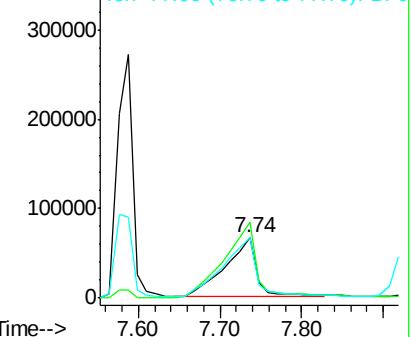
77 101.6 60.0 100.0#

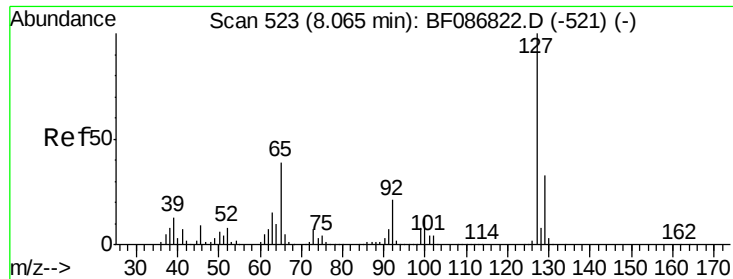


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

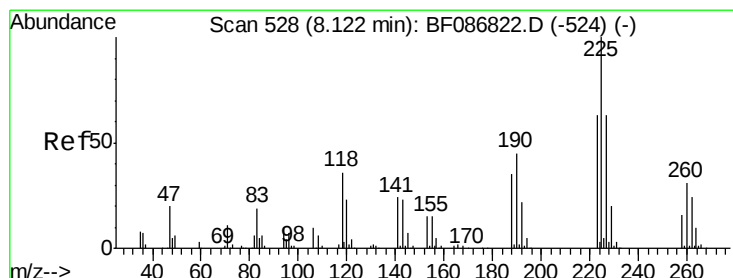
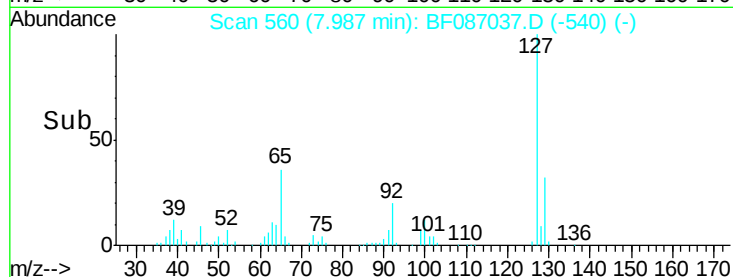
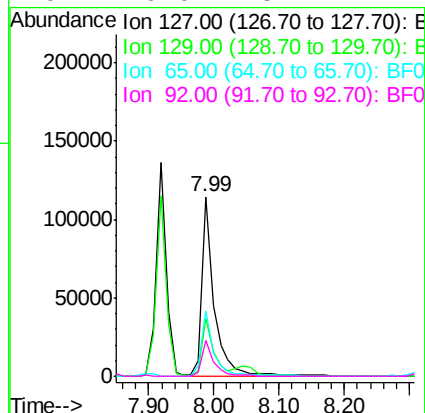
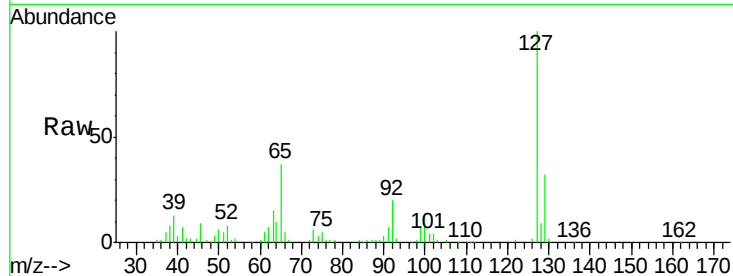




#33
4-Chloroaniline
Concen: 13.81 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.08 min
Lab File: BF087037.D
Acq: 14 May 2016 23:34

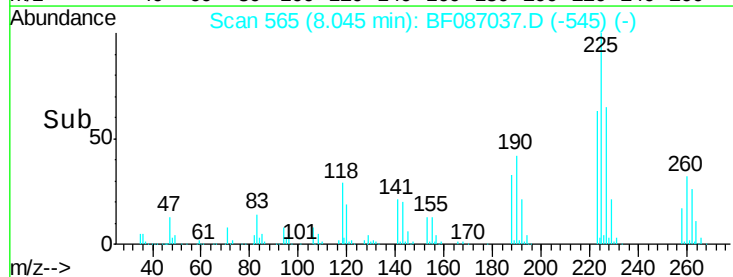
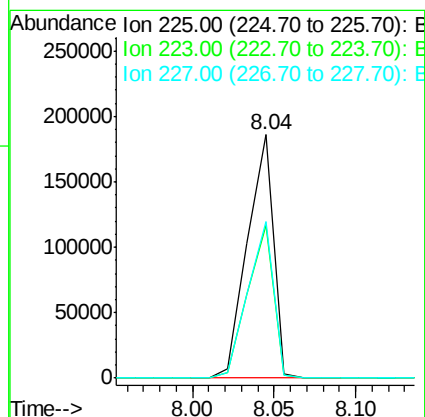
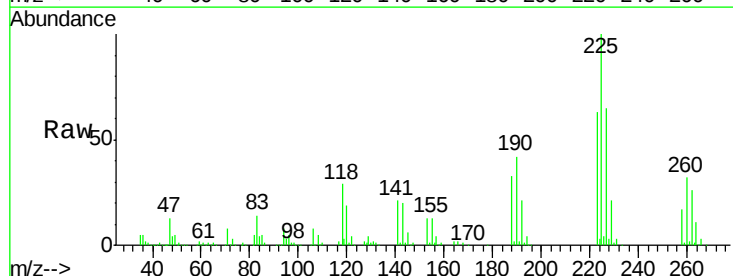
Instrument :
BNA_F
ClientSampleId :
PB90490BS

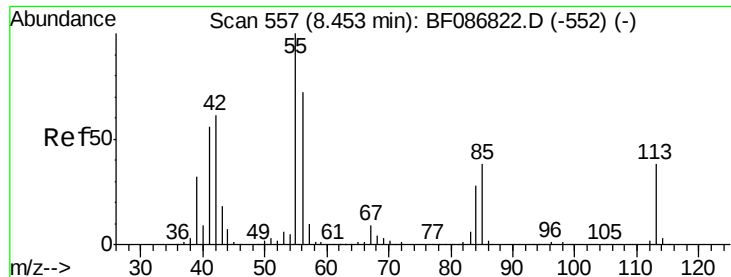
Tgt Ion:	127	Resp:	147881
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.4
65	36.6	23.0	34.4
92	20.0	15.1	22.7



#34
Hexachlorobutadiene
Concen: 42.67 ng
RT: 8.04 min Scan# 565
Delta R.T. -0.08 min
Lab File: BF087037.D
Acq: 14 May 2016 23:34

Tgt Ion:	225	Resp:	205706
Ion	Ratio	Lower	Upper
225	100		
223	62.9	51.5	77.3
227	64.5	52.2	78.2





#35

Caprolactam

Concen: 28.86 ng

RT: 8.36 min Scan# 593

Delta R.T. -0.09 min

Lab File: BF087037.D

Acq: 14 May 2016 23:34

Instrument :

BNA_F

ClientSampleId :

PB90490BS

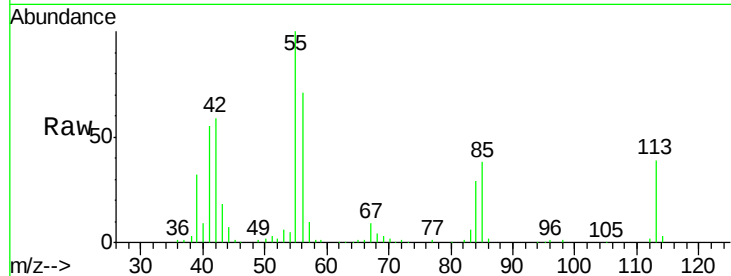
Tgt Ion:113 Resp: 72954

Ion Ratio Lower Upper

113 100

55 259.1 162.0 202.0#

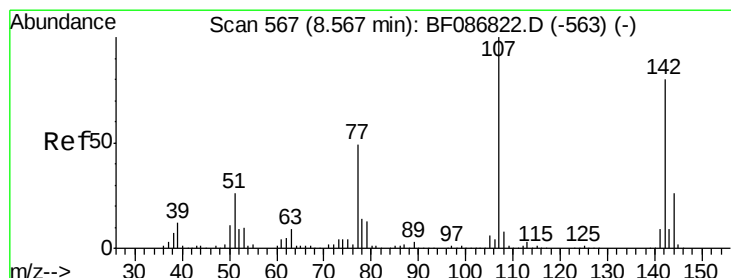
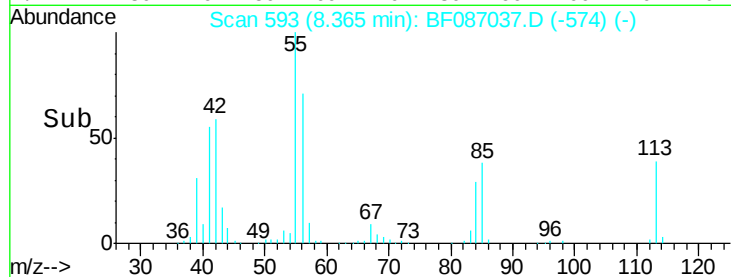
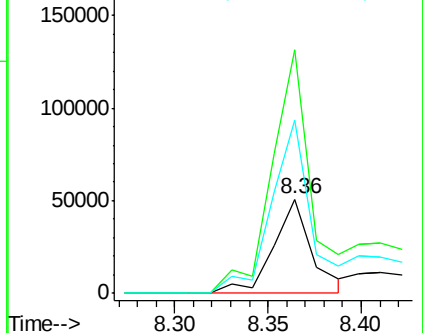
56 183.9 115.3 155.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 39.26 ng

RT: 8.49 min Scan# 604

Delta R.T. -0.08 min

Lab File: BF087037.D

Acq: 14 May 2016 23:34

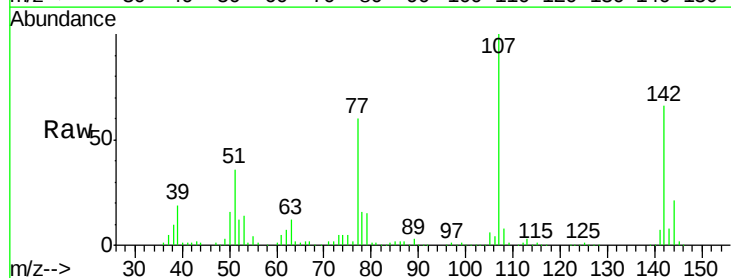
Tgt Ion:107 Resp: 353809

Ion Ratio Lower Upper

107 100

144 21.0 20.7 31.1

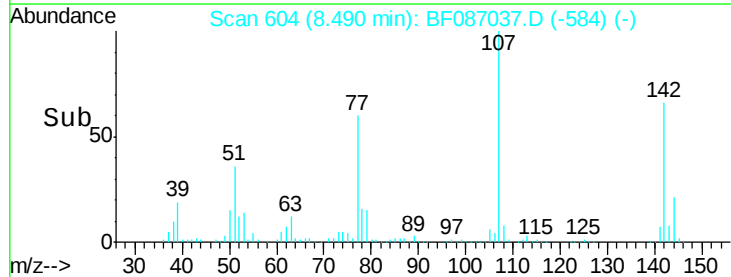
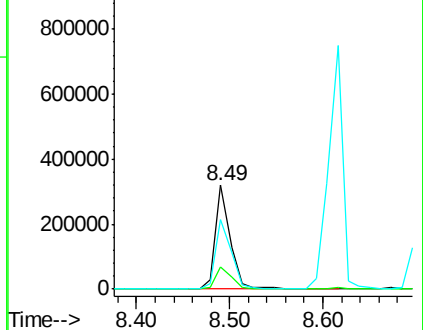
142 66.3 63.2 94.8

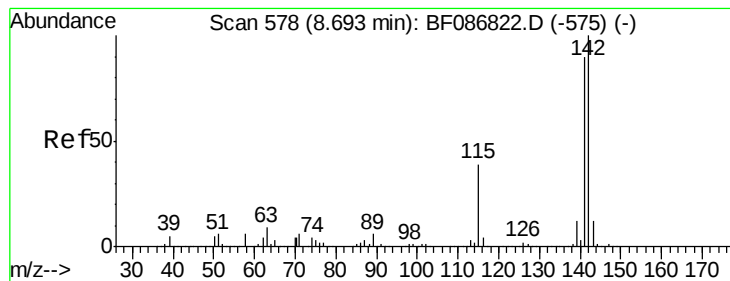


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

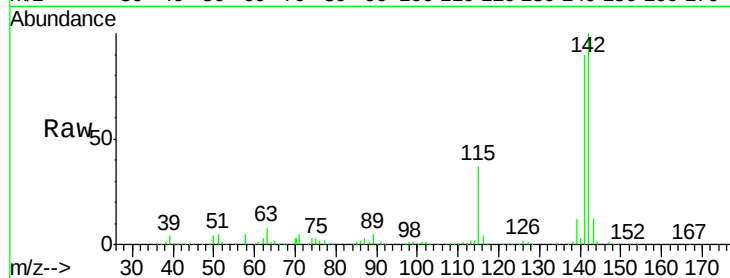




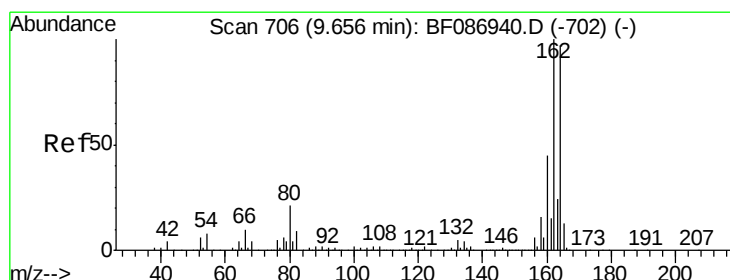
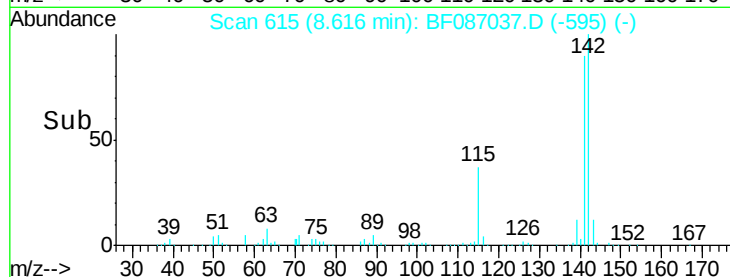
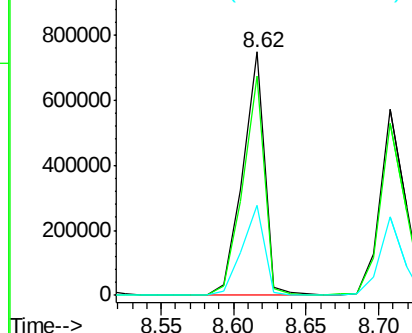
#37
 2-Methylnaphthalene
 Concen: 48.32 ng
 RT: 8.62 min Scan# 615
 Delta R.T. -0.08 min
 Lab File: BF087037.D
 Acq: 14 May 2016 23:34

Instrument :
 BNA_F
 ClientSampleId :
 PB90490BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.0	106.6
115	36.7	26.6	39.8

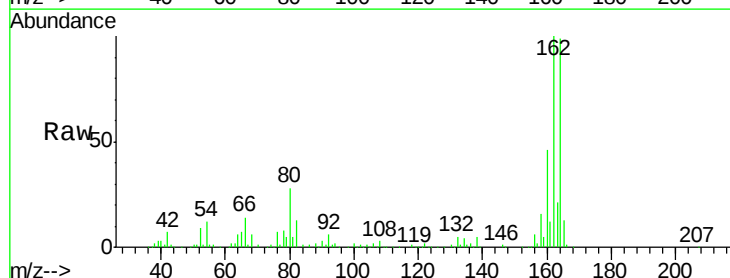


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

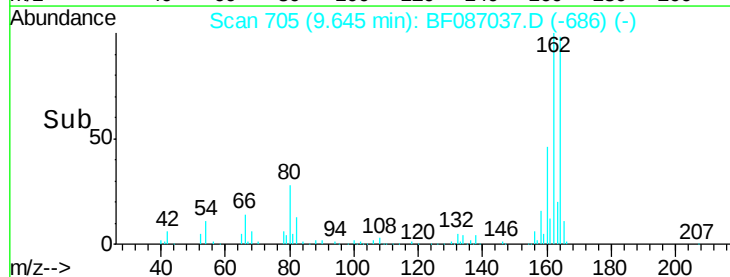
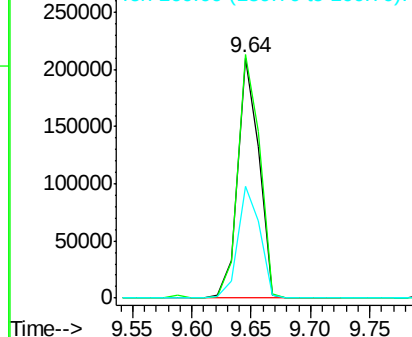


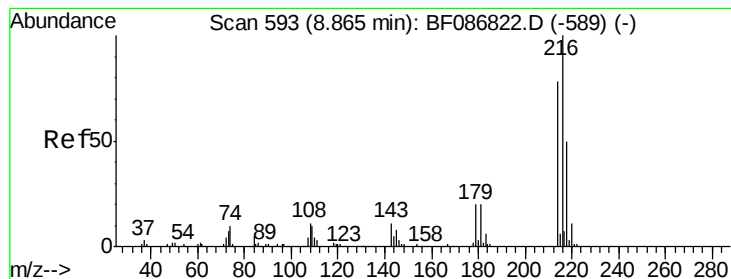
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.09 min
 Lab File: BF087037.D
 Acq: 14 May 2016 23:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.8	124.2
160	46.4	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: 39.37 ng

RT: 8.78 min Scan# 629

Delta R.T. -0.09 min

Lab File: BF087037.D

Acq: 14 May 2016 23:34

Instrument :

BNA_F

ClientSampleId :

PB90490BS

Tgt Ion:216 Resp: 299572

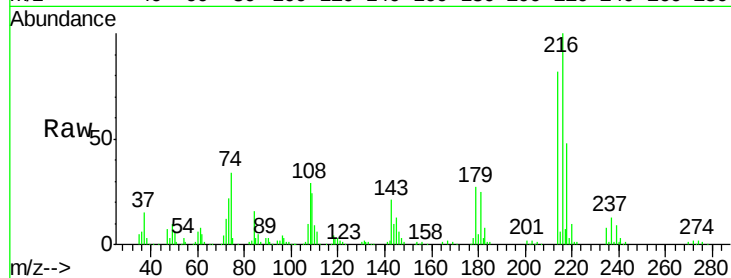
Ion Ratio Lower Upper

216 100

214 80.0 62.6 93.8

179 23.4 18.2 27.4

108 26.2 17.5 26.3

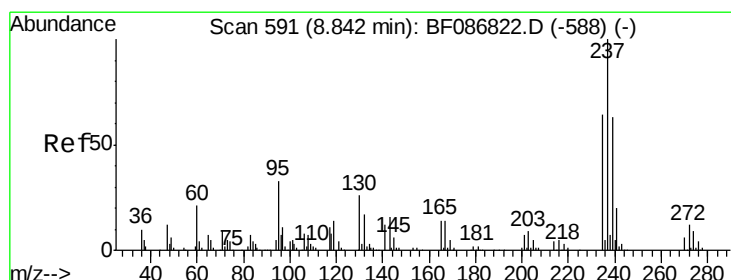
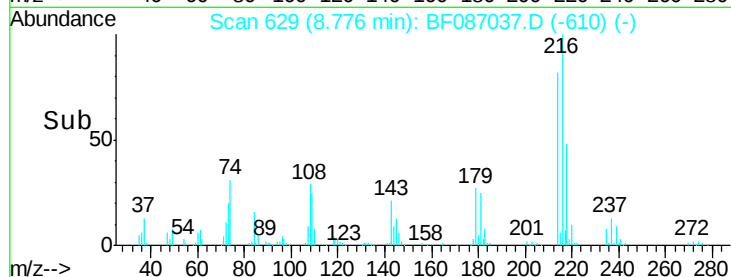
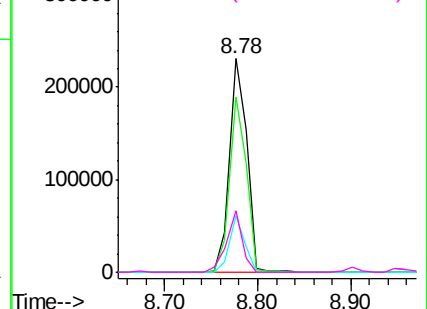


Abundance Ion 216.00 (215.70 to 216.70): E

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: 72.75 ng

RT: 8.76 min Scan# 628

Delta R.T. -0.08 min

Lab File: BF087037.D

Acq: 14 May 2016 23:34

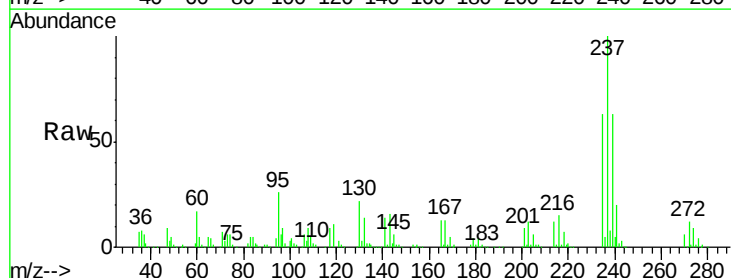
Tgt Ion:237 Resp: 262781

Ion Ratio Lower Upper

237 100

235 62.7 47.2 87.2

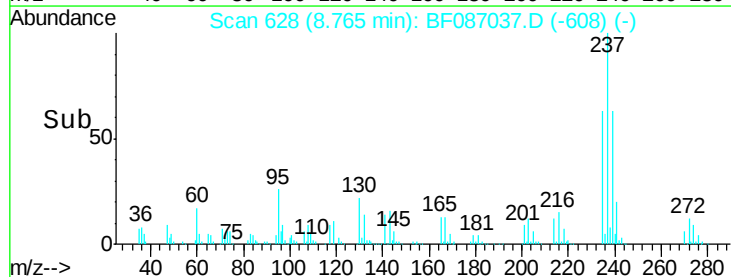
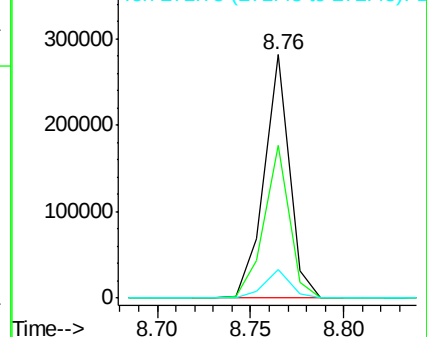
272 11.8 0.0 31.1

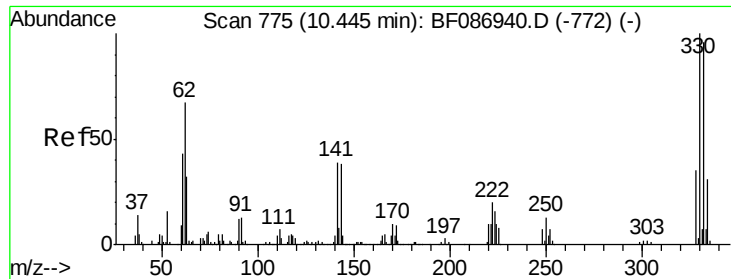


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

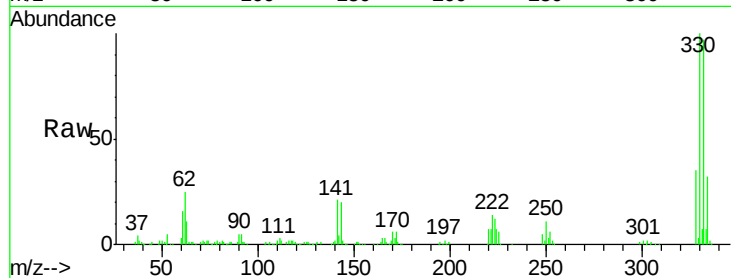




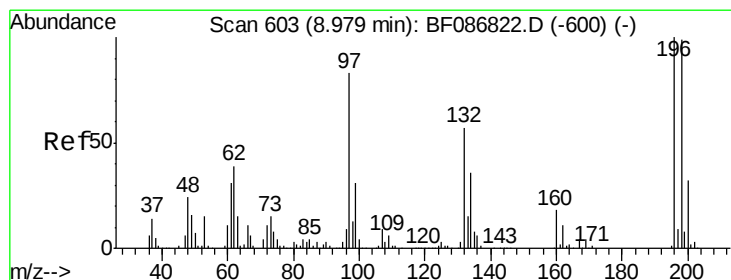
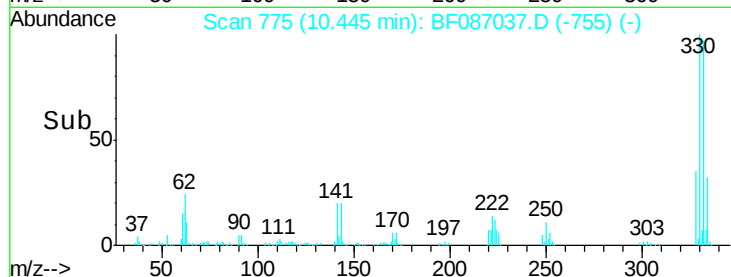
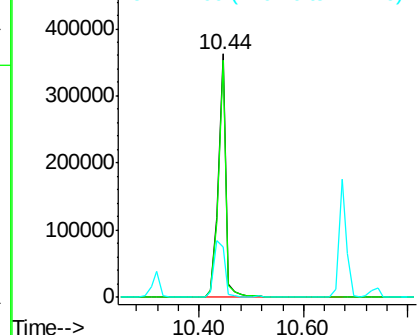
#41
 2,4,6-Tribromophenol
 Concen: 133.99 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.08 min
 Lab File: BF087037.D
 Acq: 14 May 2016 23:34

Instrument :
 BNA_F
 ClientSampleId :
 PB90490BS

Tgt Ion:330 Resp: 371262
 Ion Ratio Lower Upper
 330 100
 332 96.5 79.0 118.4
 141 33.4 31.2 46.8

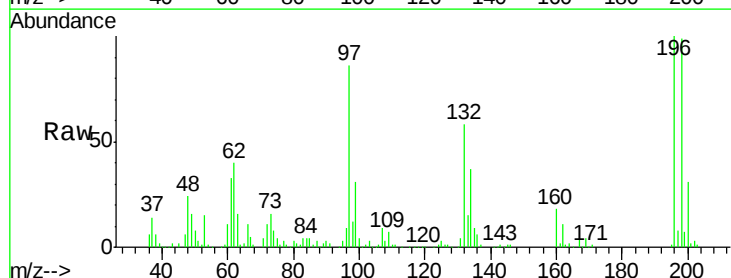


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

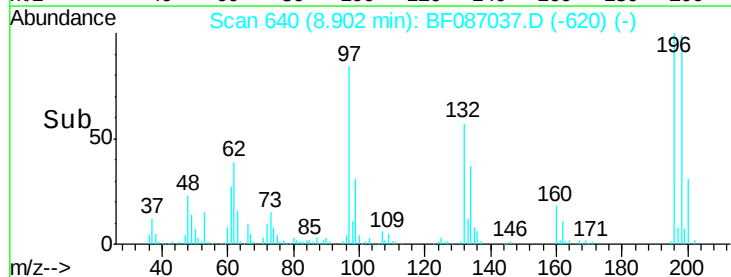
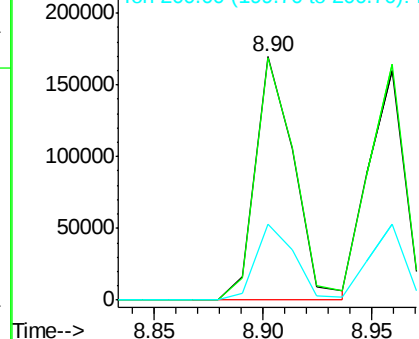


#42
 2,4,6-Trichlorophenol
 Concen: 41.50 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.08 min
 Lab File: BF087037.D
 Acq: 14 May 2016 23:34

Tgt Ion:196 Resp: 211159
 Ion Ratio Lower Upper
 196 100
 198 99.3 74.7 112.1
 200 31.2 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

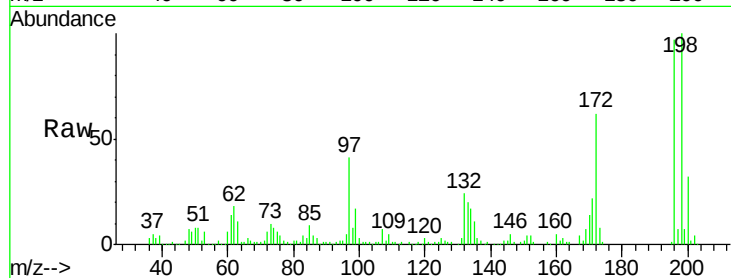




#43
 2,4,5-Trichlorophenol
 Concen: 37.66 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.07 min
 Lab File: BF087037.D
 Acq: 14 May 2016 23:34

Instrument :
 BNA_F
 ClientSampleId :
 PB90490BS

Tgt Ion	Resp	Lower	Upper
196	198199		
196	100		
198	102.9	77.5	116.3
97	41.9	34.8	52.2
132	25.2	23.0	34.4



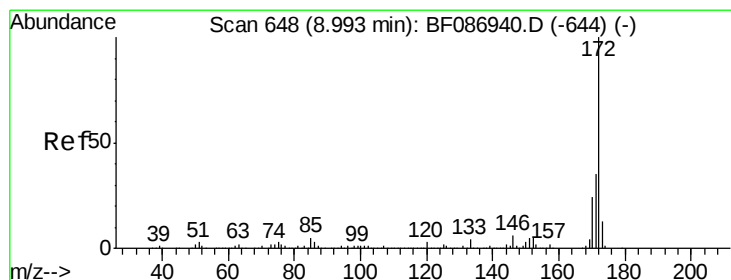
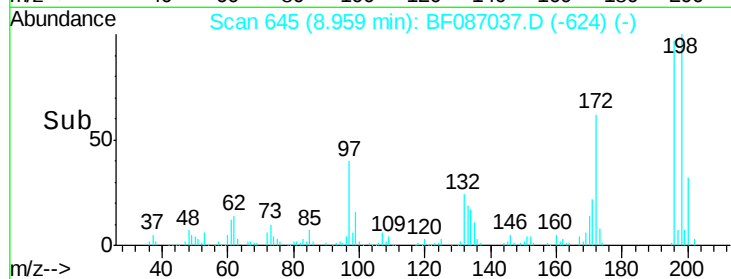
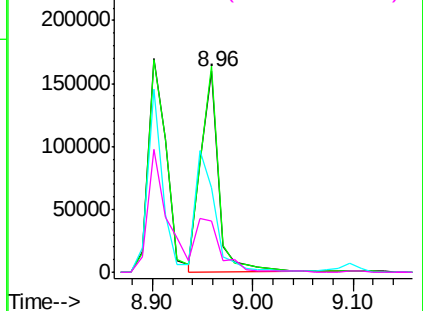
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

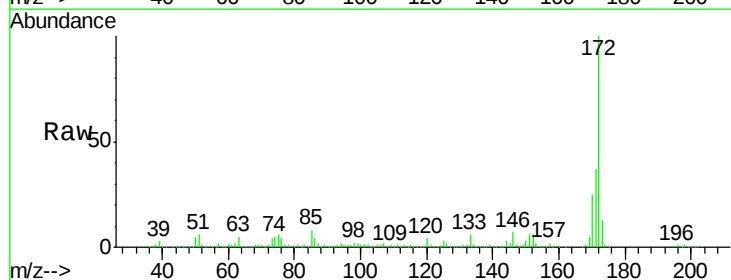
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 90.87 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.08 min
 Lab File: BF087037.D
 Acq: 14 May 2016 23:34

Tgt Ion	Resp	Lower	Upper
172	1415177		
172	100		
171	36.9	29.0	43.6
170	24.9	19.8	29.8

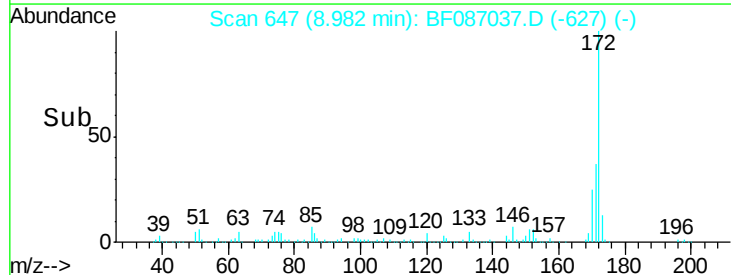
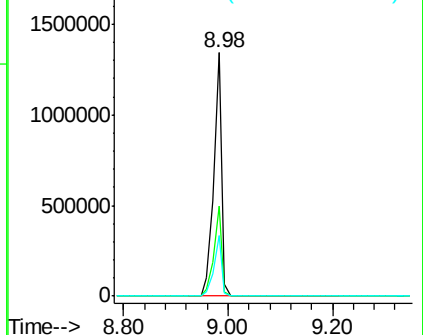


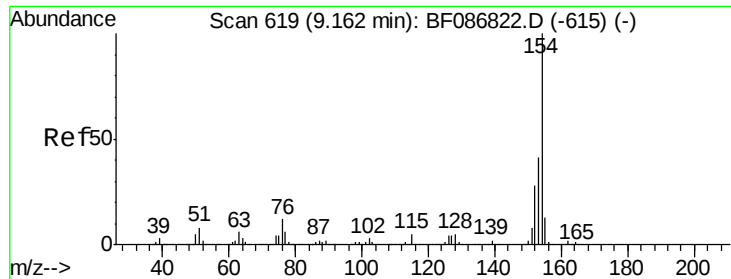
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 44.85 ng

RT: 9.08 min Scan# 656

Delta R.T. -0.08 min

Lab File: BF087037.D

Acq: 14 May 2016 23:34

Instrument :

BNA_F

ClientSampleId :

PB90490BS

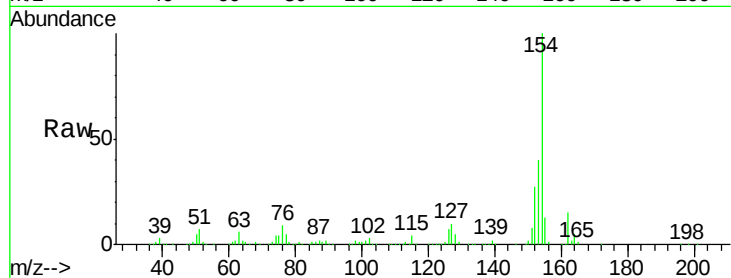
Tgt Ion:154 Resp: 933790

Ion Ratio Lower Upper

154 100

153 40.2 20.3 60.3

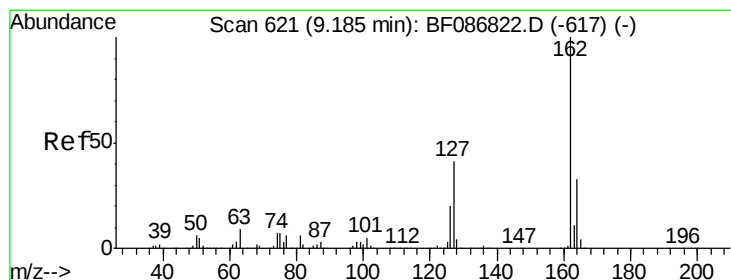
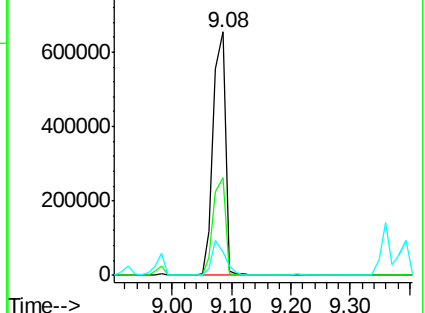
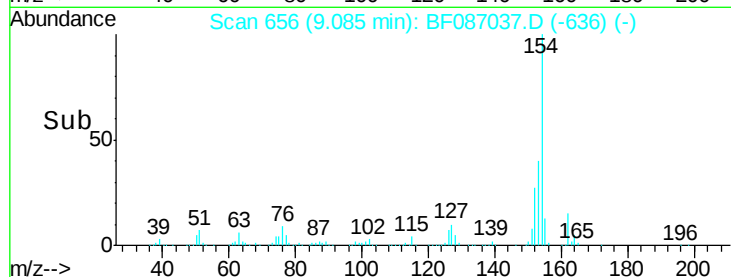
76 9.5 0.0 30.2



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: 40.28 ng

RT: 9.10 min Scan# 657

Delta R.T. -0.09 min

Lab File: BF087037.D

Acq: 14 May 2016 23:34

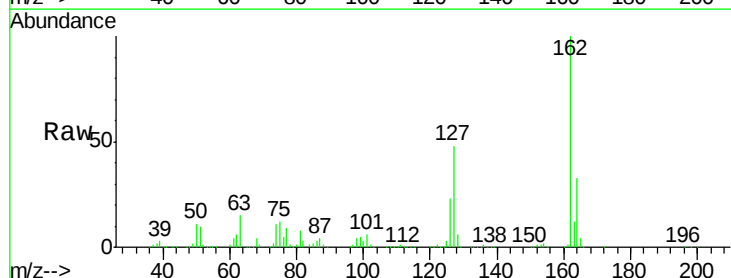
Tgt Ion:162 Resp: 656941

Ion Ratio Lower Upper

162 100

127 48.3 31.8 47.6#

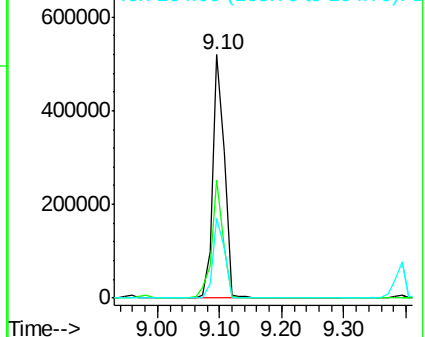
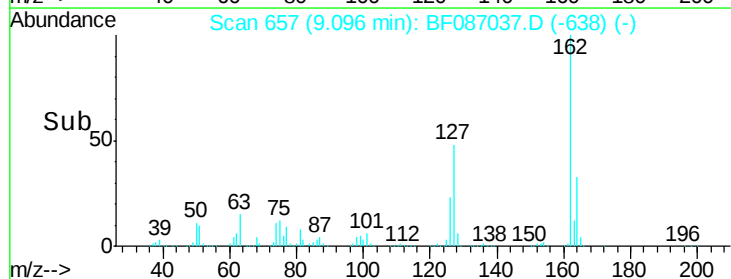
164 32.6 27.0 40.6

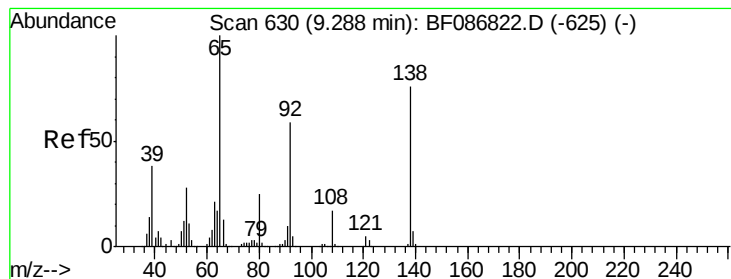


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 45.93 ng

RT: 9.21 min Scan# 667

Delta R.T. -0.08 min

Lab File: BF087037.D

Acq: 14 May 2016 23:34

Instrument :

BNA_F

ClientSampleId :

PB90490BS

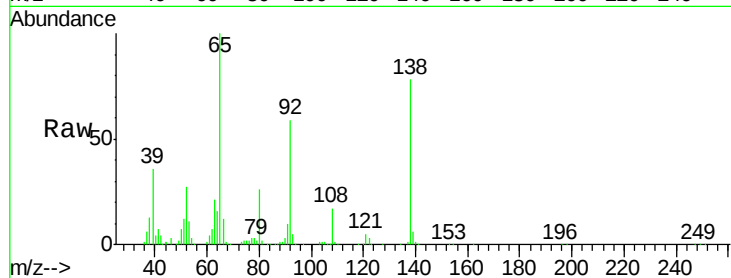
Tgt Ion: 65 Resp: 273794

Ion Ratio Lower Upper

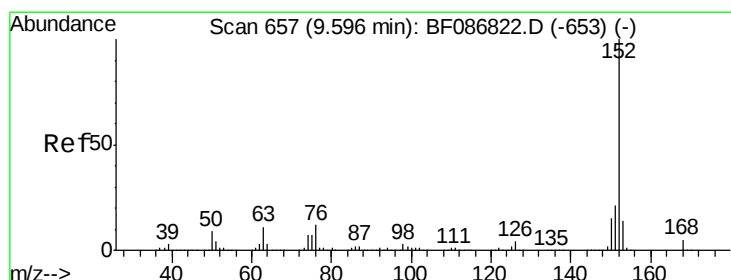
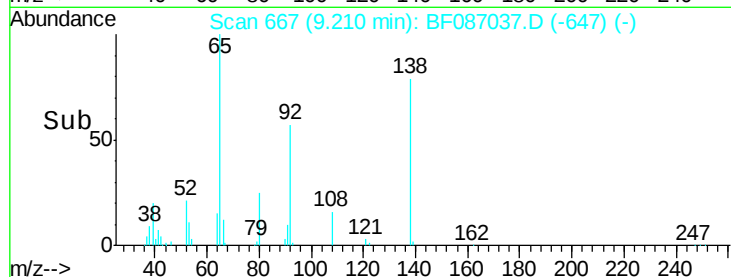
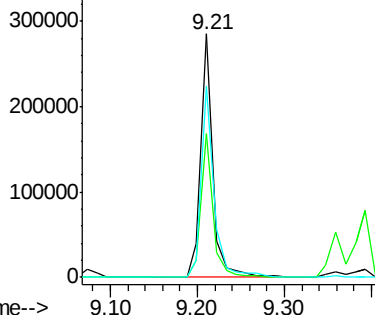
65 100

92 59.0 57.4 86.2

138 78.5 90.1 135.1#



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



#48

Acenaphthylene

Concen: 42.90 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.09 min

Lab File: BF087037.D

Acq: 14 May 2016 23:34

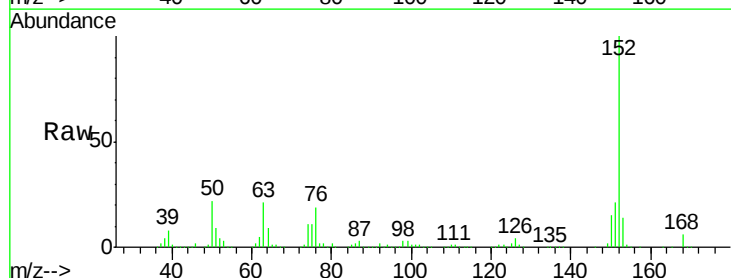
Tgt Ion: 152 Resp: 1029123

Ion Ratio Lower Upper

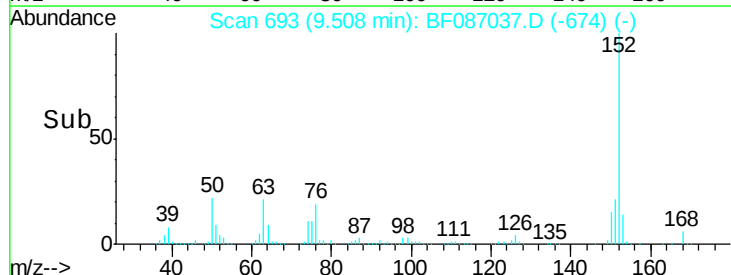
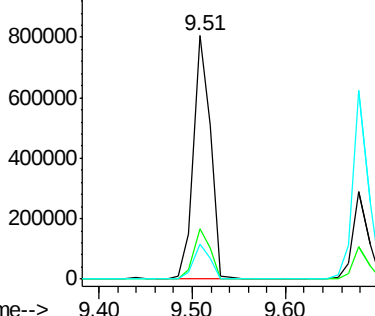
152 100

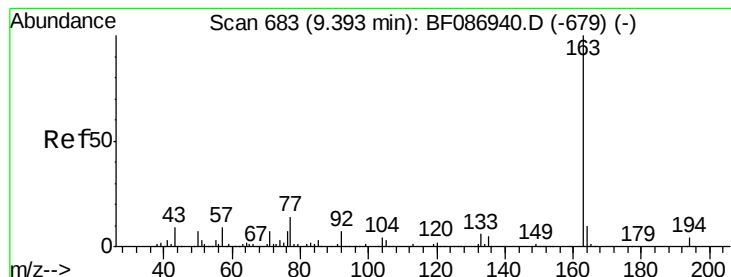
151 20.5 16.8 25.2

153 14.3 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 43.05 ng

RT: 9.39 min Scan# 683

Delta R.T. -0.08 min

Lab File: BF087037.D

Acq: 14 May 2016 23:34

Instrument :

BNA_F

ClientSampleId :

PB90490BS

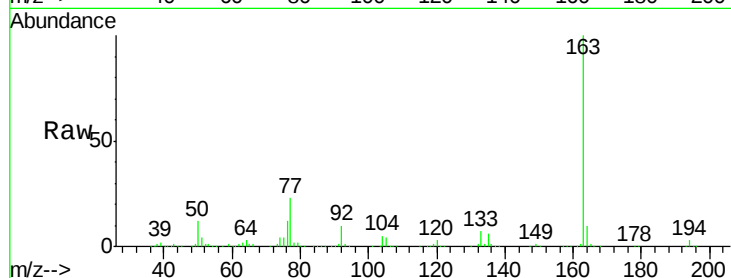
Tgt Ion:163 Resp: 859643

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

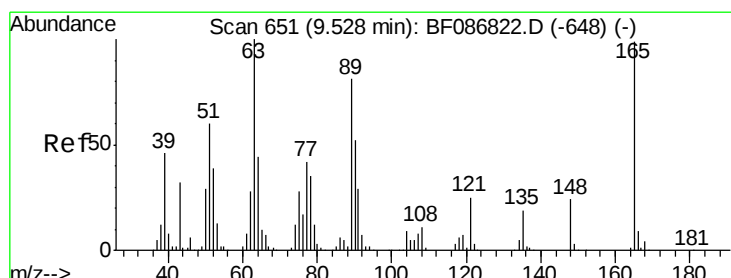
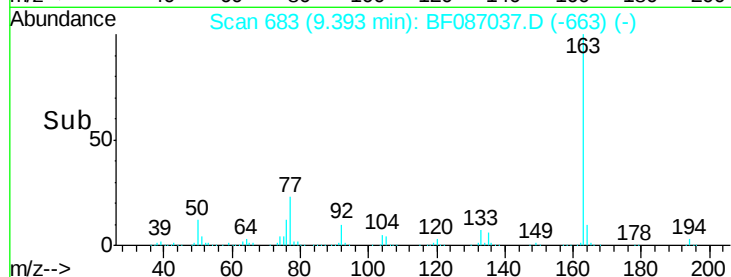
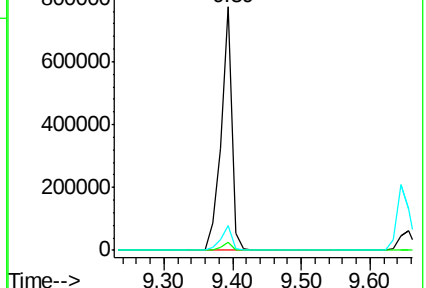
164 10.1 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 39.79 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.08 min

Lab File: BF087037.D

Acq: 14 May 2016 23:34

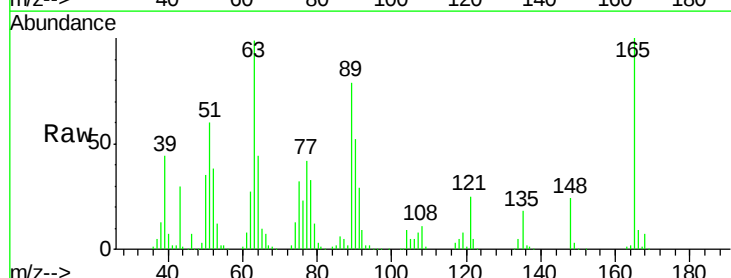
Tgt Ion:165 Resp: 167232

Ion Ratio Lower Upper

165 100

63 99.4 51.8 77.8#

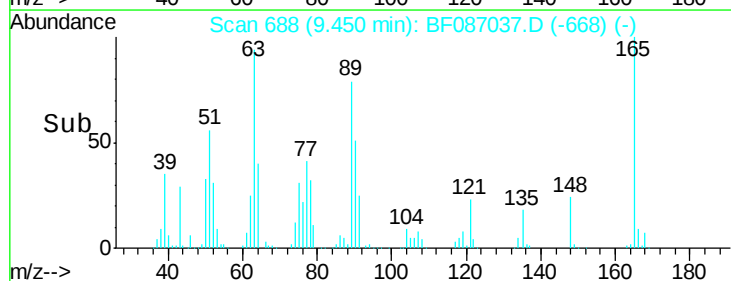
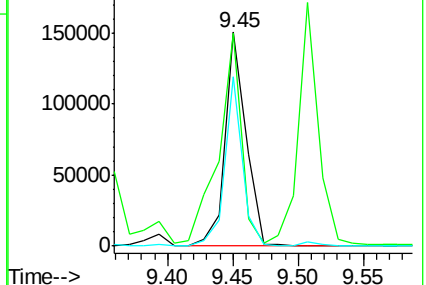
89 79.3 50.7 76.1#

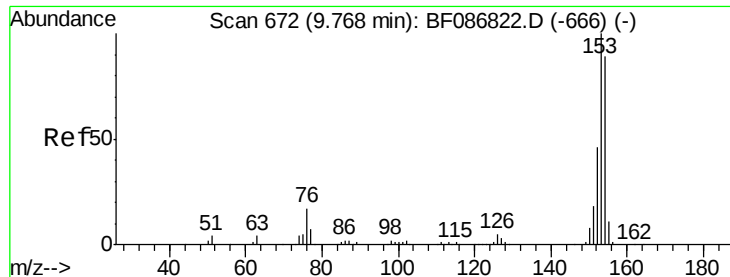


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.43 ng

RT: 9.68 min Scan# 708

Delta R.T. -0.09 min

Lab File: BF087037.D

Acq: 14 May 2016 23:34

Instrument :

BNA_F

ClientSampleId :

PB90490BS

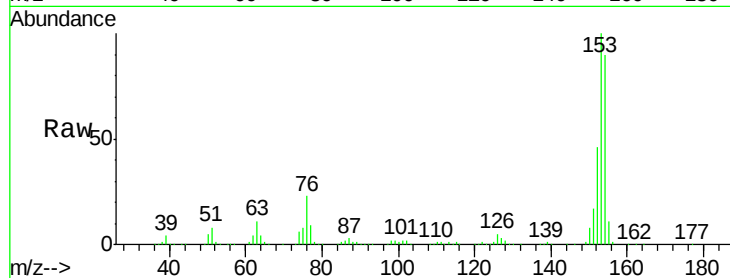
Tgt Ion:154 Resp: 618339

Ion Ratio Lower Upper

154 100

153 111.6 89.8 134.6

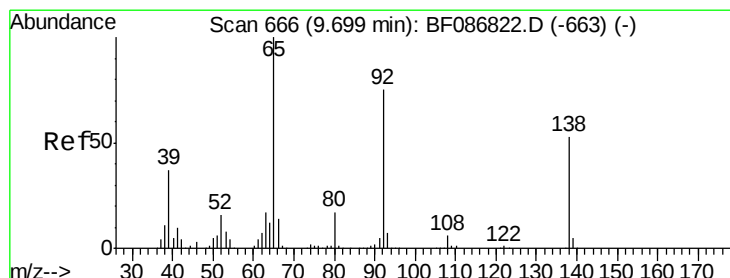
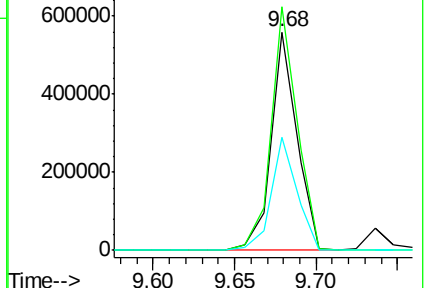
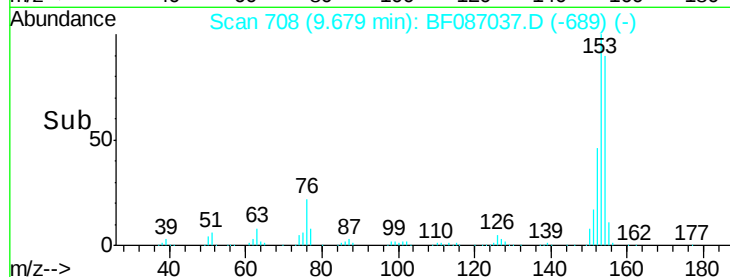
152 51.6 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.53 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.08 min

Lab File: BF087037.D

Acq: 14 May 2016 23:34

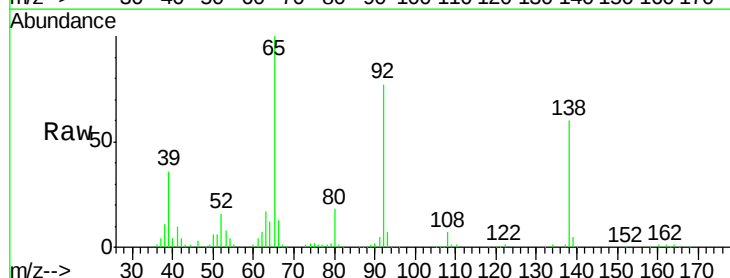
Tgt Ion:138 Resp: 99678

Ion Ratio Lower Upper

138 100

108 11.3 7.8 11.6

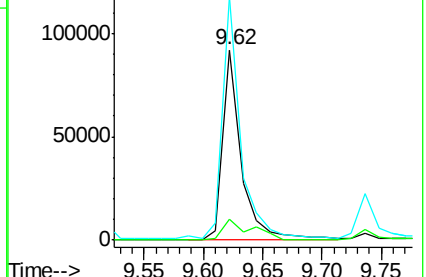
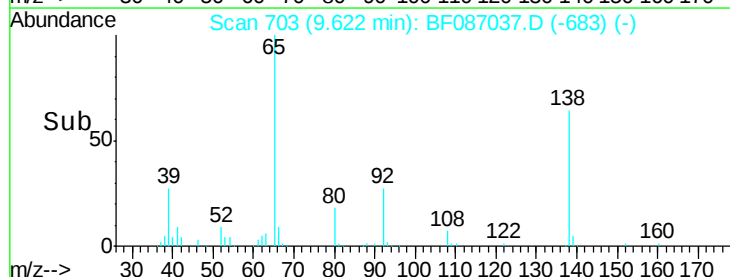
92 128.2 87.8 131.8

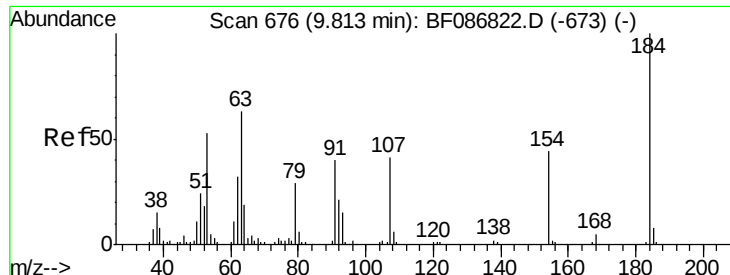


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

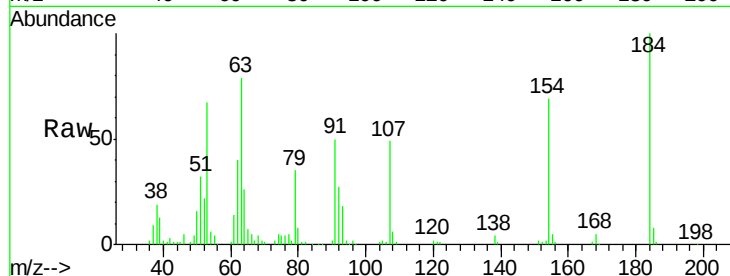




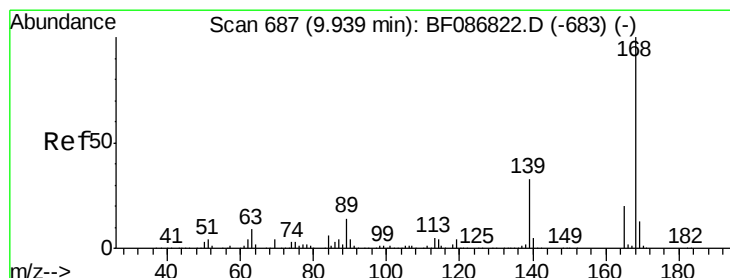
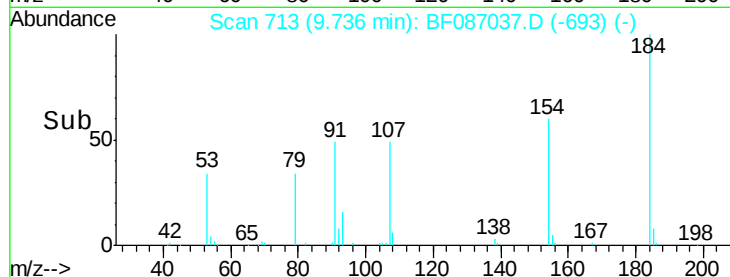
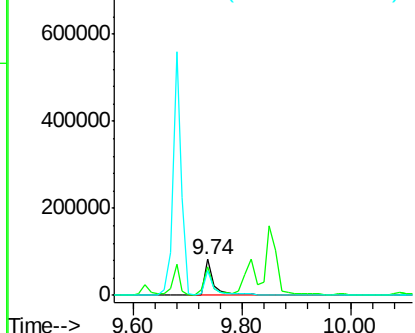
#53
2,4-Dinitrophenol
Concen: 50.89 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.08 min
Lab File: BF087037.D
Acq: 14 May 2016 23:34

Instrument :
BNA_F
ClientSampleId :
PB90490BS

Tgt Ion:184 Resp: 102631
Ion Ratio Lower Upper
184 100
63 79.0 55.8 83.8
154 68.8 62.4 93.6

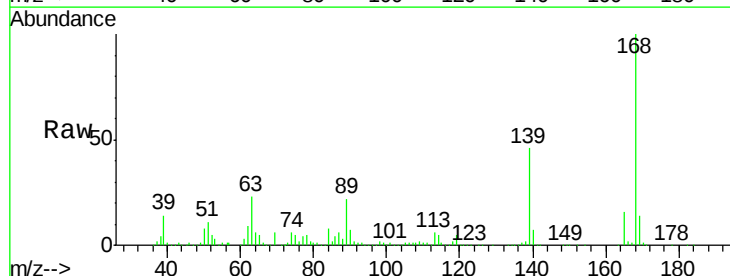


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

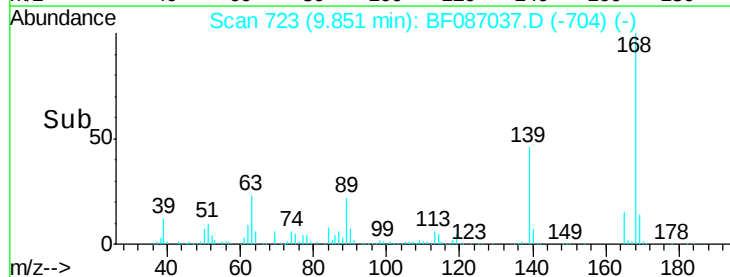
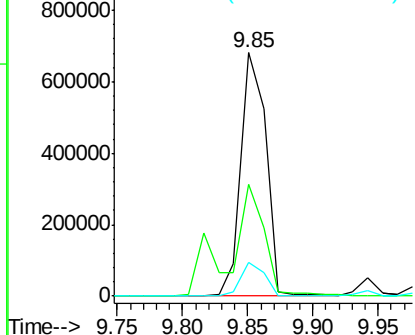


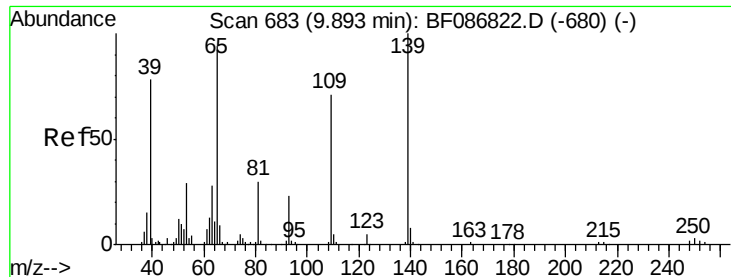
#54
Dibenzofuran
Concen: 47.49 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.09 min
Lab File: BF087037.D
Acq: 14 May 2016 23:34

Tgt Ion:168 Resp: 909780
Ion Ratio Lower Upper
168 100
139 46.0 31.4 47.0
169 13.8 10.7 16.1



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

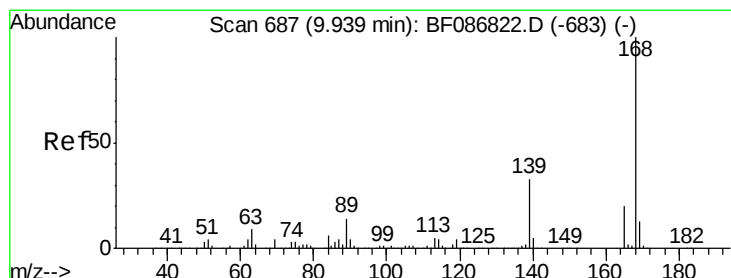
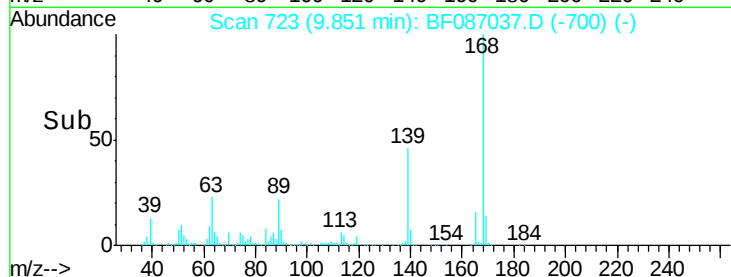
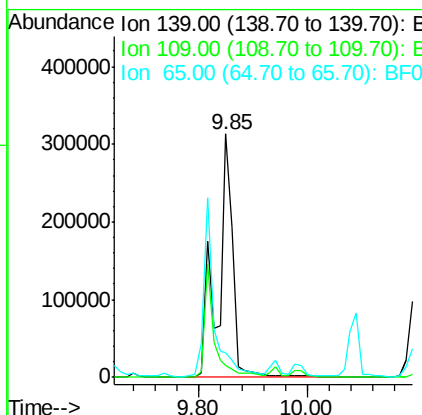
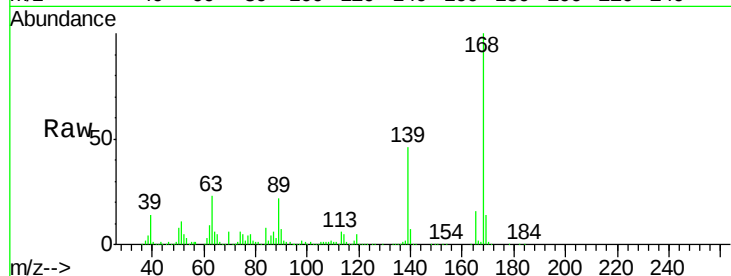




#55
4-Nitrophenol
Concen: 196.91 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.04 min
Lab File: BF087037.D
Acq: 14 May 2016 23:34

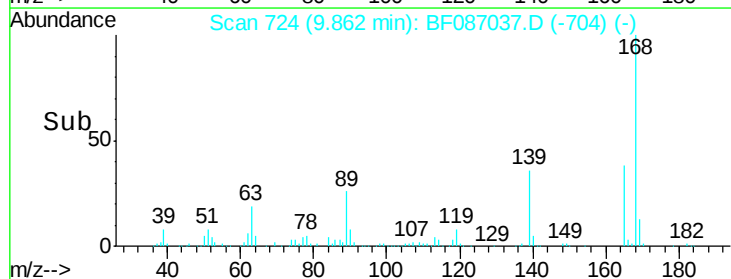
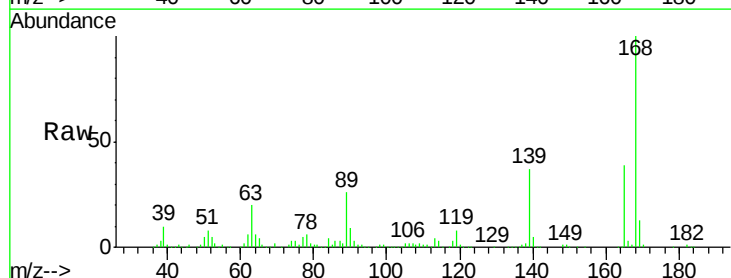
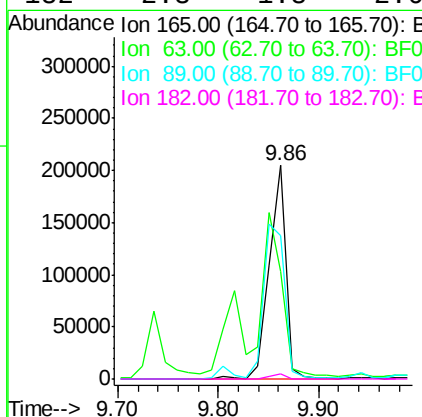
Instrument :
BNA_F
ClientSampleId :
PB90490BS

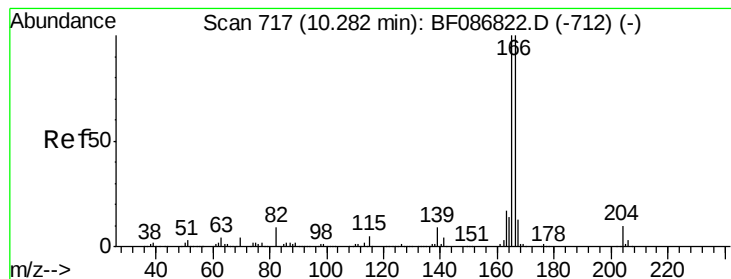
Tgt Ion:139 Resp: 601731
Ion Ratio Lower Upper
139 100
109 4.8 36.9 76.9#
65 10.1 64.0 104.0#



#56
2,4-Dinitrotoluene
Concen: 45.68 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.08 min
Lab File: BF087037.D
Acq: 14 May 2016 23:34

Tgt Ion:165 Resp: 237556
Ion Ratio Lower Upper
165 100
63 50.1 44.3 66.5
89 67.1 70.0 105.0#
182 2.3 1.8 2.6





#57

Fluorene

Concen: 40.48 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.09 min

Lab File: BF087037.D

Acq: 14 May 2016 23:34

Instrument :

BNA_F

ClientSampleId :

PB90490BS

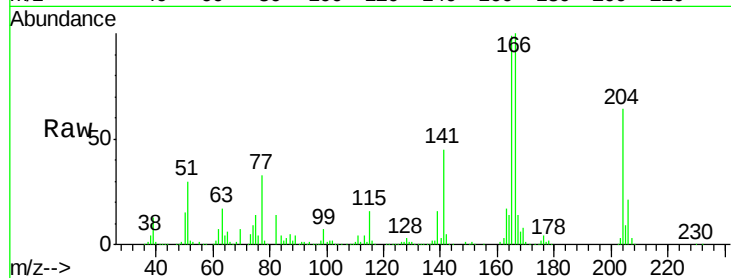
Tgt Ion:166 Resp: 661304

Ion Ratio Lower Upper

166 100

165 99.0 79.0 118.6

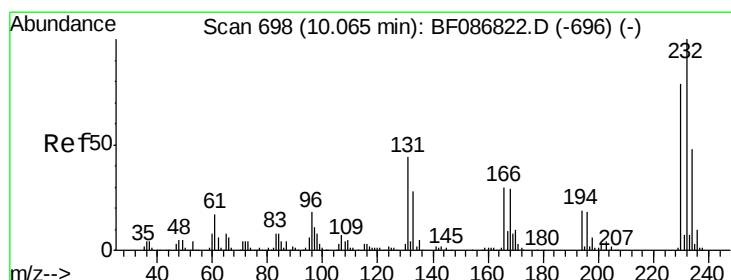
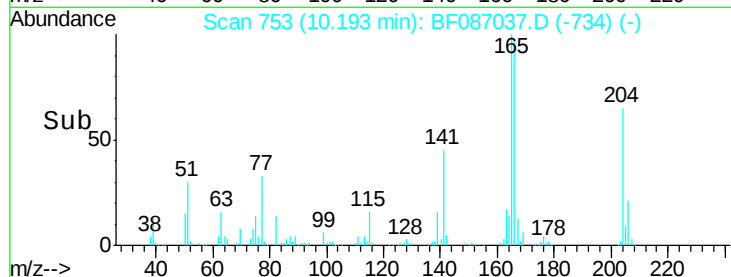
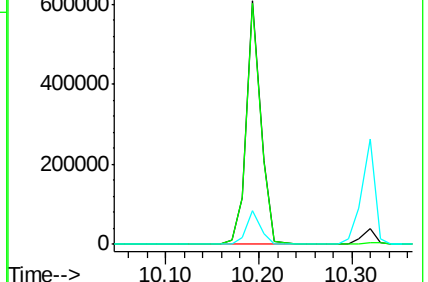
167 13.7 10.6 15.8



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: 47.62 ng

RT: 9.99 min Scan# 735

Delta R.T. -0.08 min

Lab File: BF087037.D

Acq: 14 May 2016 23:34

Tgt Ion:232 Resp: 188684

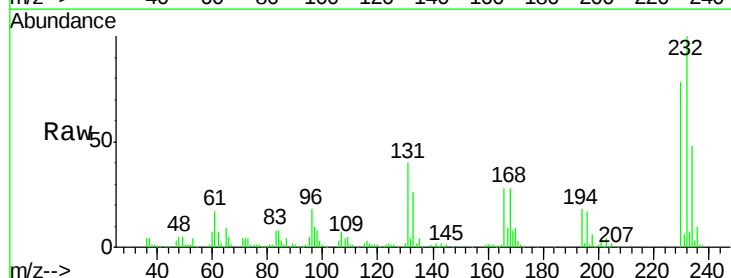
Ion Ratio Lower Upper

232 100

131 49.0 41.9 62.9

130 2.5 2.2 3.4

166 30.2 26.8 40.2

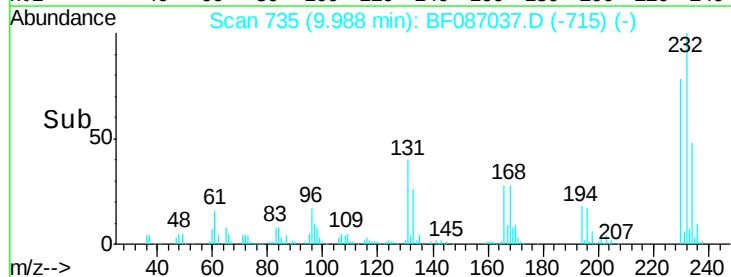
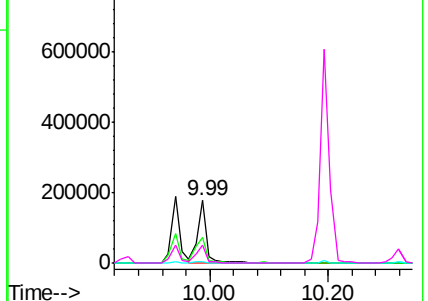


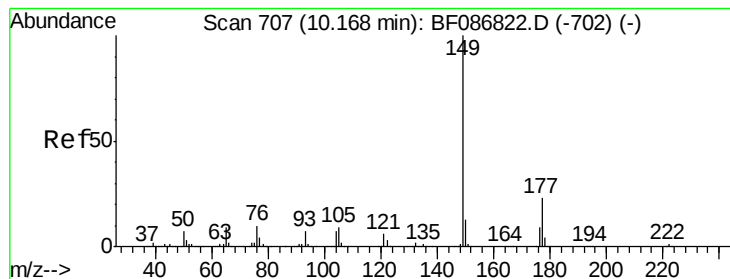
Abundance Ion 232.00 (231.70 to 232.70): E

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: 44.18 ng

RT: 10.09 min Scan# 744

Delta R.T. -0.08 min

Lab File: BF087037.D

Acq: 14 May 2016 23:34

Instrument :

BNA_F

ClientSampleId :

PB90490BS

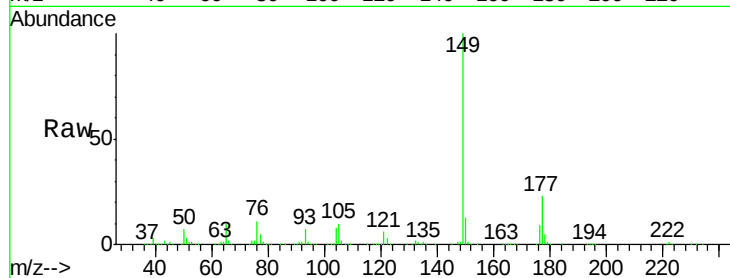
Tgt Ion:149 Resp: 859790

Ion Ratio Lower Upper

149 100

177 22.8 16.6 24.8

150 12.6 10.0 15.0



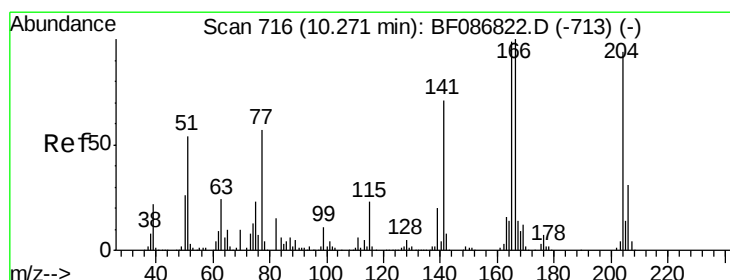
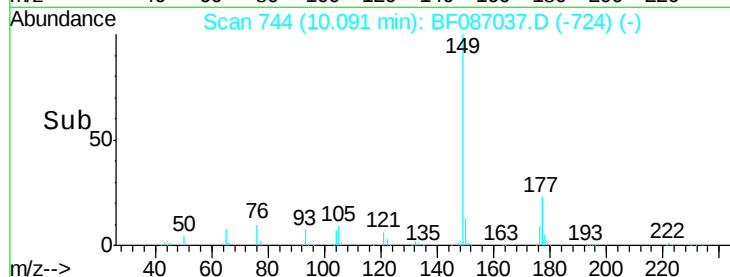
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

10.09

Time-->



#60

4-Chlorophenyl-phenylether

Concen: 49.73 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.08 min

Lab File: BF087037.D

Acq: 14 May 2016 23:34

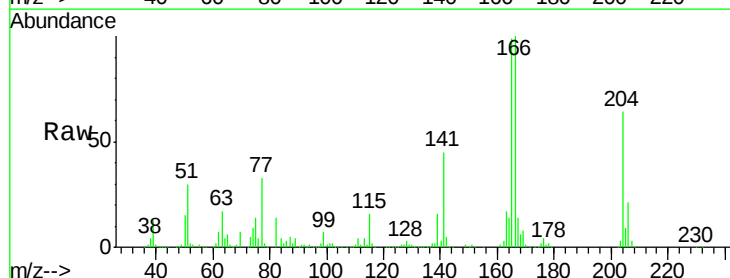
Tgt Ion:204 Resp: 344406

Ion Ratio Lower Upper

204 100

206 32.9 25.4 38.0

141 70.3 61.6 92.4



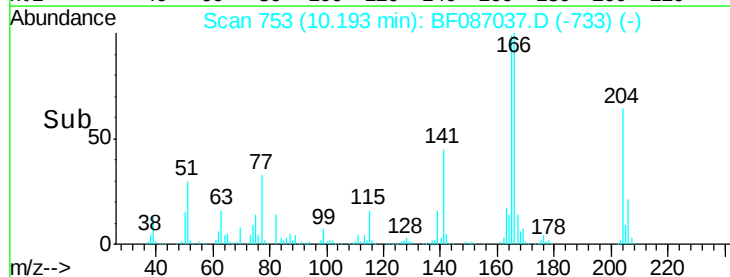
Abundance Ion 204.00 (203.70 to 204.70): E

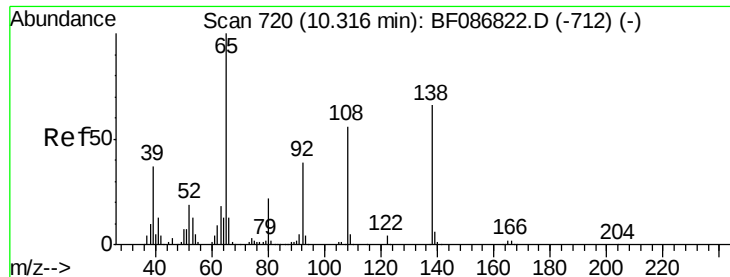
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

10.19

Time-->





#61

4-Nitroaniline

Concen: 41.29 ng

RT: 10.24 min Scan# 757

Delta R.T. -0.08 min

Lab File: BF087037.D

Acq: 14 May 2016 23:34

Instrument :

BNA_F

ClientSampleId :

PB90490BS

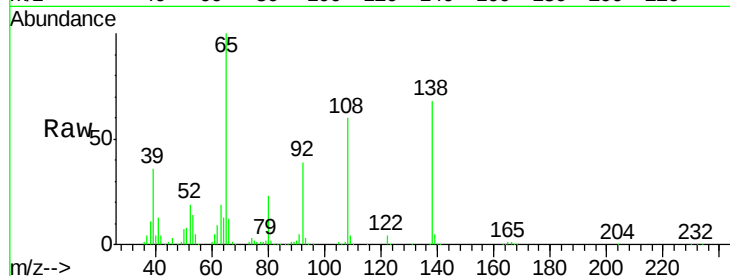
Tgt Ion:138 Resp: 175444

Ion Ratio Lower Upper

138 100

92 57.9 24.7 64.7

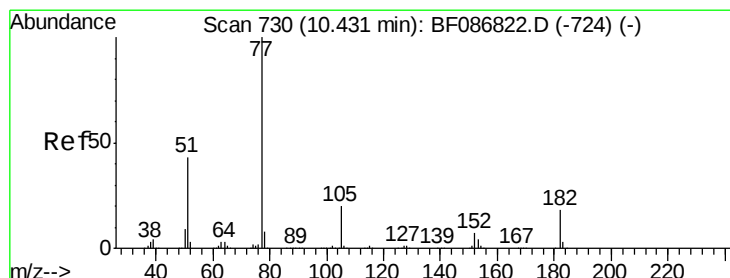
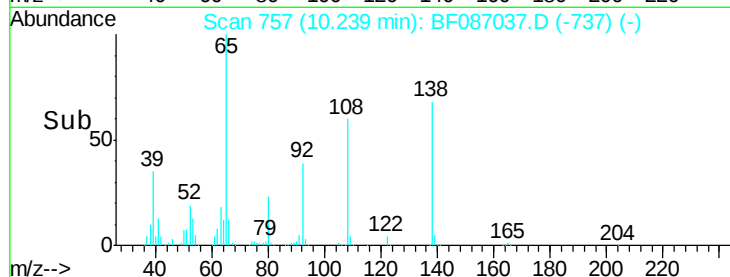
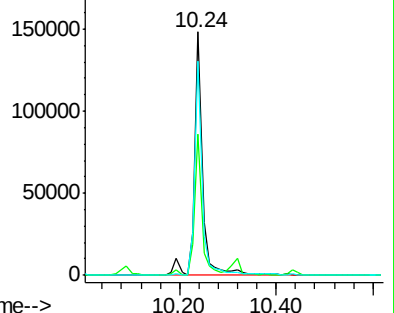
108 88.1 37.4 77.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 49.93 ng

RT: 10.35 min Scan# 767

Delta R.T. -0.08 min

Lab File: BF087037.D

Acq: 14 May 2016 23:34

Tgt Ion: 77 Resp: 1048137

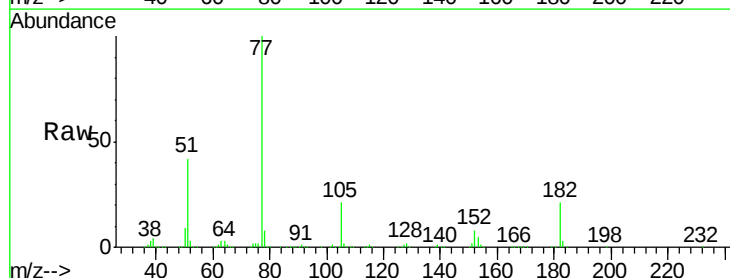
Ion Ratio Lower Upper

77 100

182 21.3 0.0 38.8

105 21.0 3.2 43.2

51 42.2 8.8 48.8

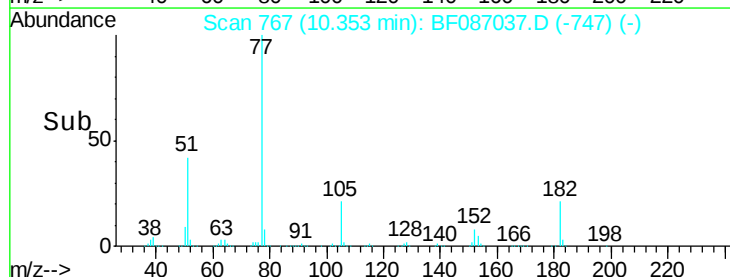
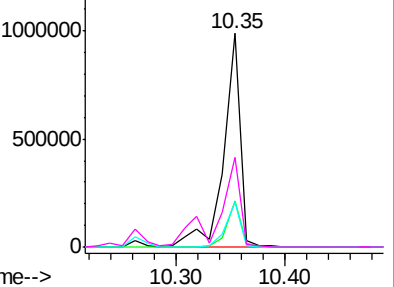


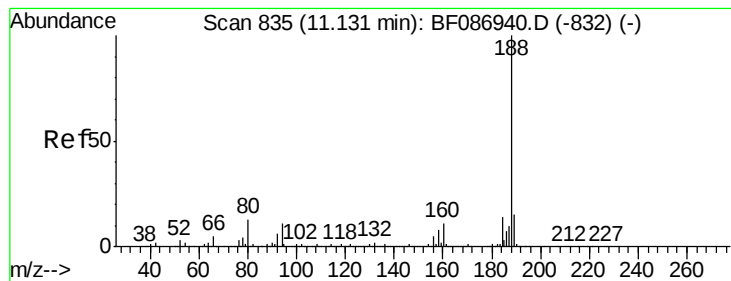
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.13 min Scan# 835

Delta R.T. -0.08 min

Lab File: BF087037.D

Acq: 14 May 2016 23:34

Instrument :

BNA_F

ClientSampleId :

PB90490BS

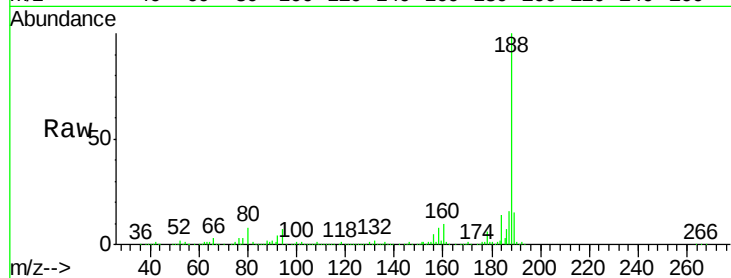
Tgt Ion:188 Resp: 502673

Ion Ratio Lower Upper

188 100

94 7.2 6.8 10.2

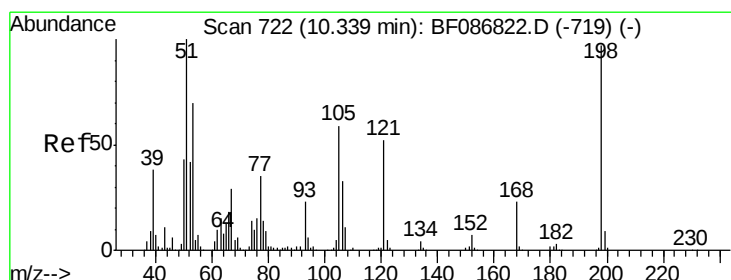
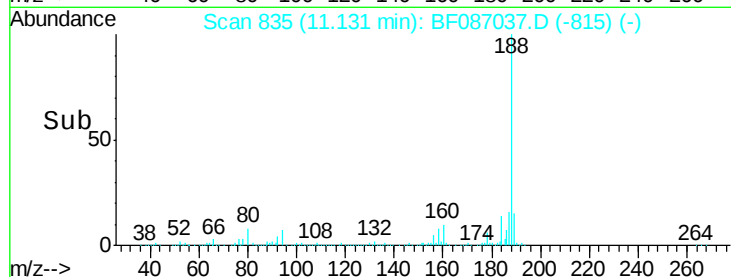
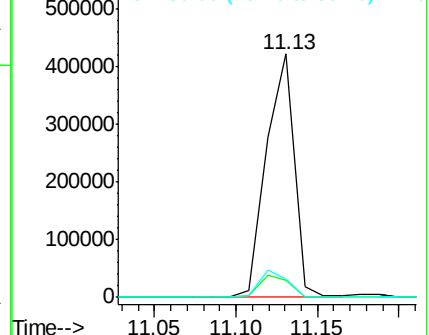
80 7.7 7.1 10.7



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: 29.44 ng

RT: 10.26 min Scan# 759

Delta R.T. -0.08 min

Lab File: BF087037.D

Acq: 14 May 2016 23:34

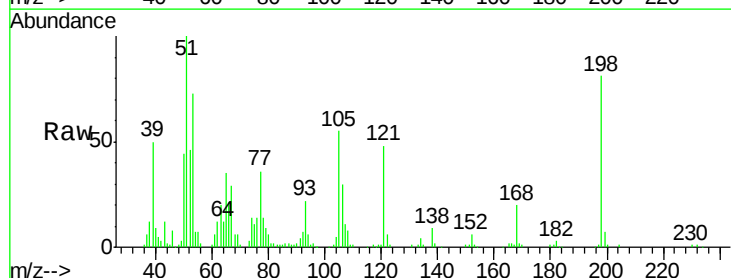
Tgt Ion:198 Resp: 91936

Ion Ratio Lower Upper

198 100

51 123.8 20.5 60.5#

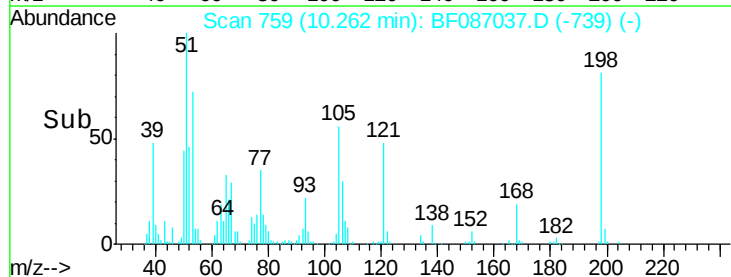
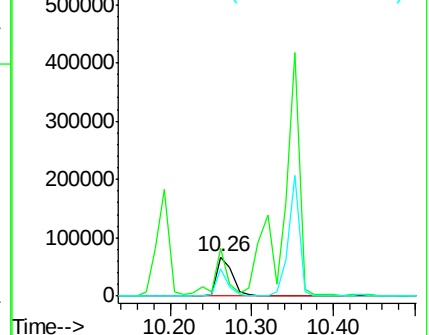
105 68.4 24.5 64.5#

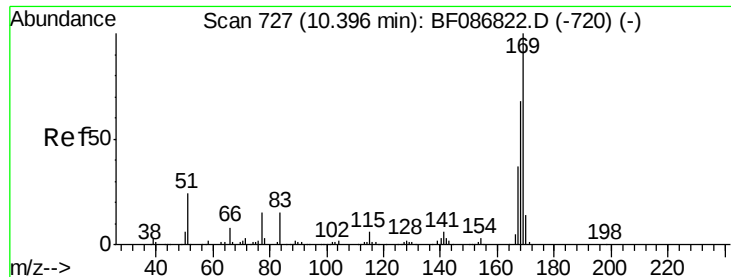


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

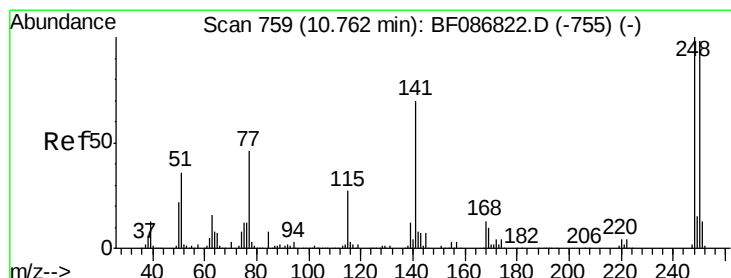
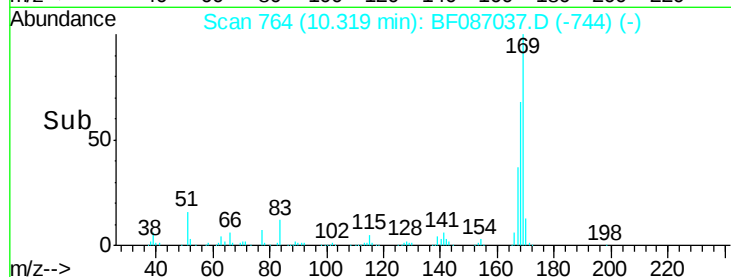
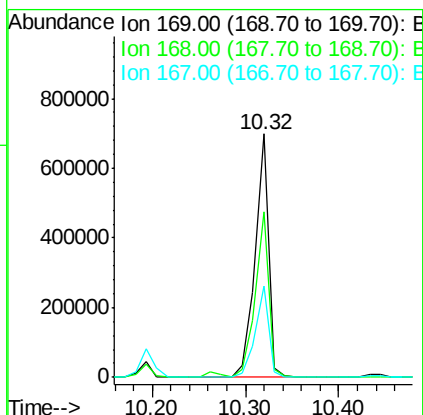
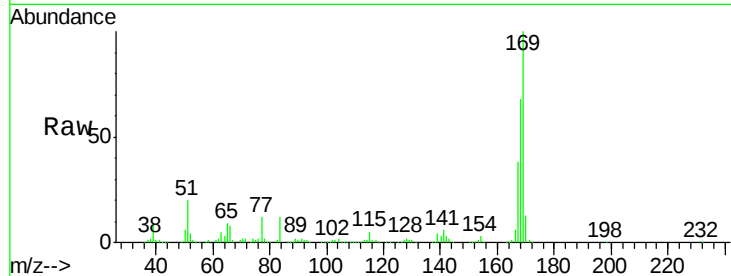




#65
n-Nitrosodiphenylamine
Concen: 45.42 ng
RT: 10.32 min Scan# 764
Delta R.T. -0.08 min
Lab File: BF087037.D
Acq: 14 May 2016 23:34

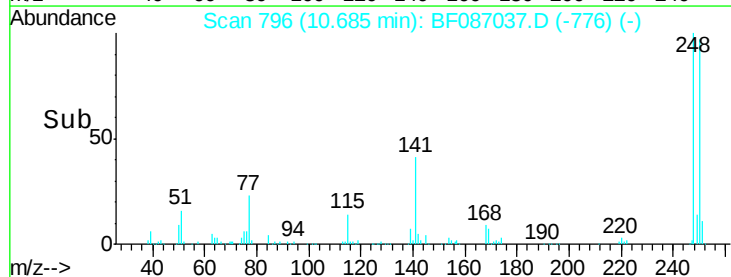
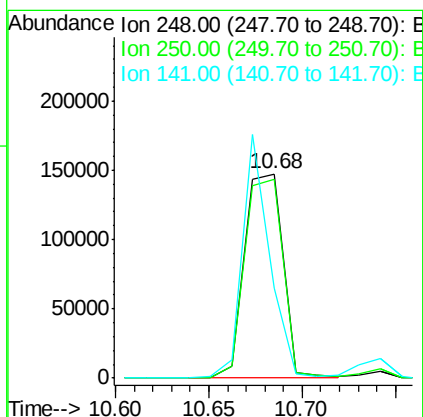
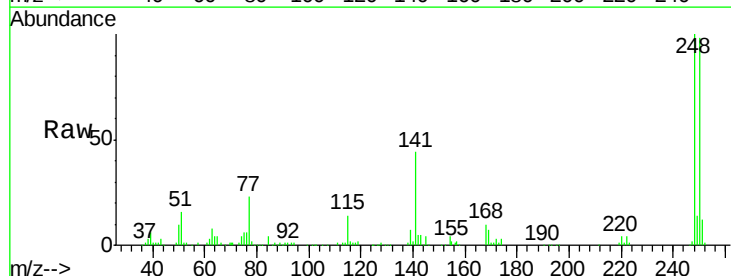
Instrument :
BNA_F
ClientSampleId :
PB90490BS

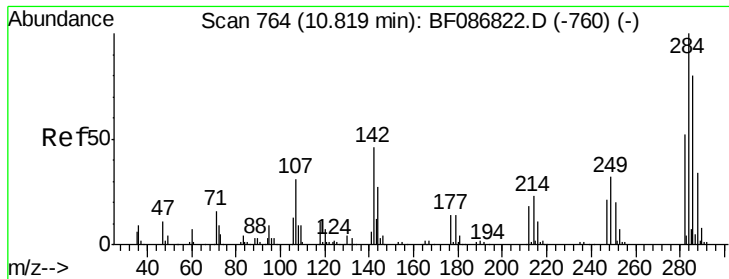
Tgt Ion:169 Resp: 701418
Ion Ratio Lower Upper
169 100
168 67.8 53.8 80.6
167 37.5 29.5 44.3



#66
4-Bromophenyl-phenylether
Concen: 41.34 ng
RT: 10.68 min Scan# 796
Delta R.T. -0.08 min
Lab File: BF087037.D
Acq: 14 May 2016 23:34

Tgt Ion:248 Resp: 210704
Ion Ratio Lower Upper
248 100
250 97.6 78.6 117.8
141 43.8 76.0 114.0#





#67

Hexachlorobenzene

Concen: 42.71 ng

RT: 10.74 min Scan# 801

Delta R.T. -0.08 min

Lab File: BF087037.D

Acq: 14 May 2016 23:34

Instrument :

BNA_F

ClientSampleId :

PB90490BS

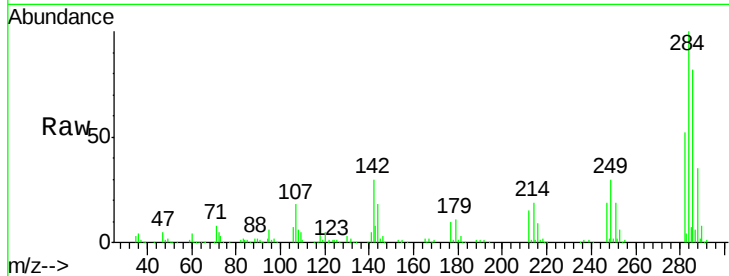
Tgt Ion: 284 Resp: 254398

Ion Ratio Lower Upper

284 100

142 30.3 16.7 25.1#

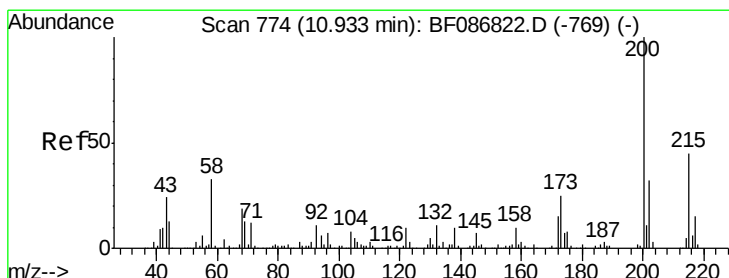
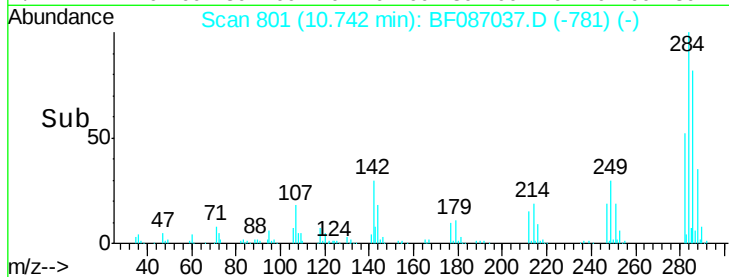
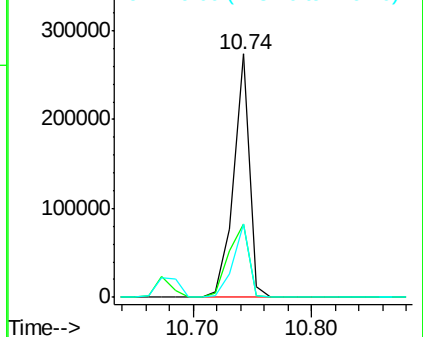
249 30.1 21.3 31.9



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: 45.24 ng

RT: 10.86 min Scan# 811

Delta R.T. -0.08 min

Lab File: BF087037.D

Acq: 14 May 2016 23:34

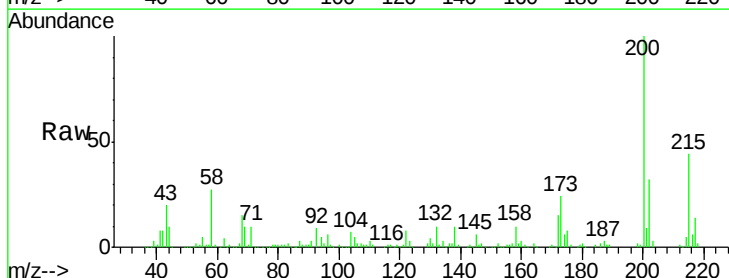
Tgt Ion: 200 Resp: 233395

Ion Ratio Lower Upper

200 100

173 24.0 8.5 48.5

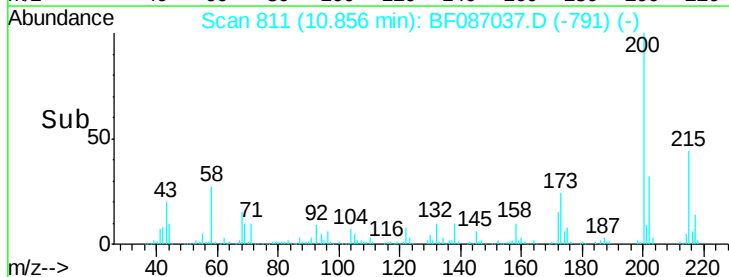
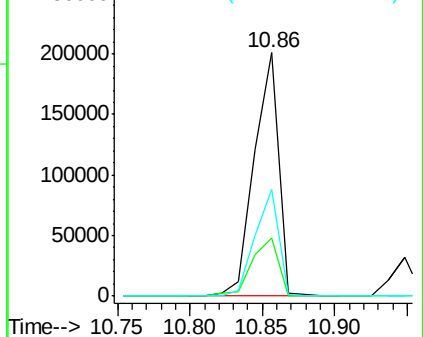
215 43.9 27.2 67.2

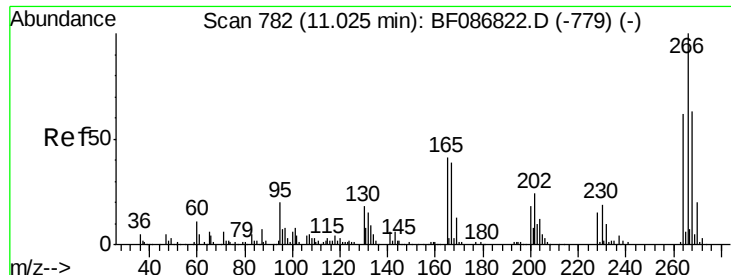


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

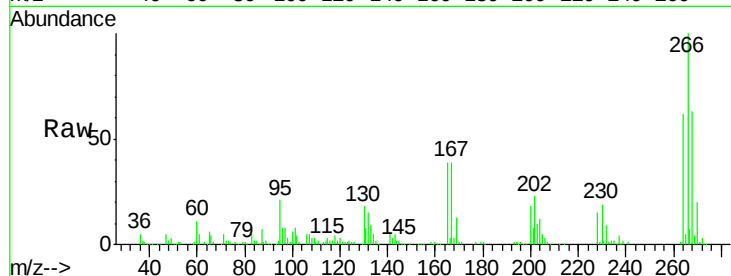




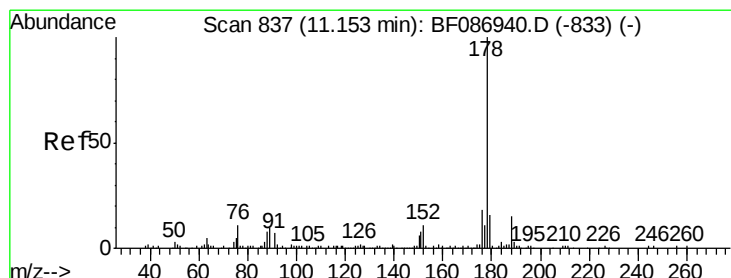
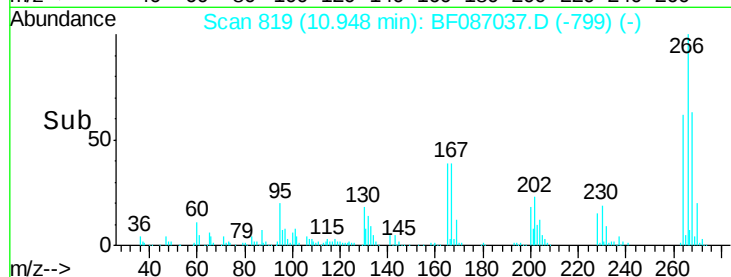
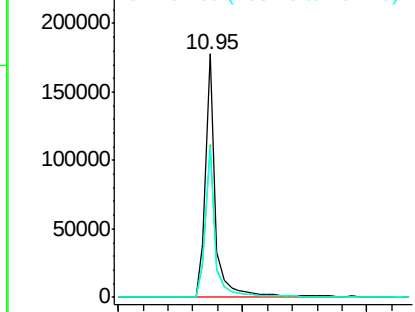
#69
 Pentachlorophenol
 Concen: 73.99 ng
 RT: 10.95 min Scan# 819
 Delta R.T. -0.08 min
 Lab File: BF087037.D
 Acq: 14 May 2016 23:34

Instrument :
 BNA_F
 ClientSampleId :
 PB90490BS

Tgt Ion:266 Resp: 203680
 Ion Ratio Lower Upper
 266 100
 268 62.7 51.5 77.3
 264 61.7 52.9 79.3

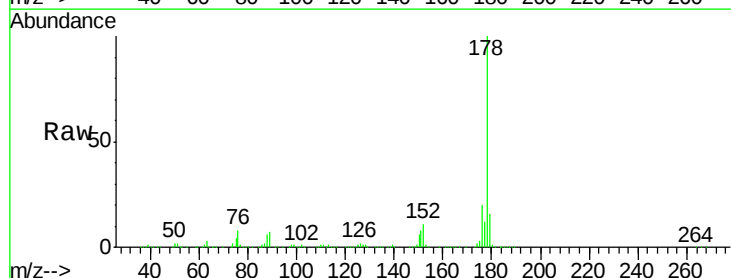


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

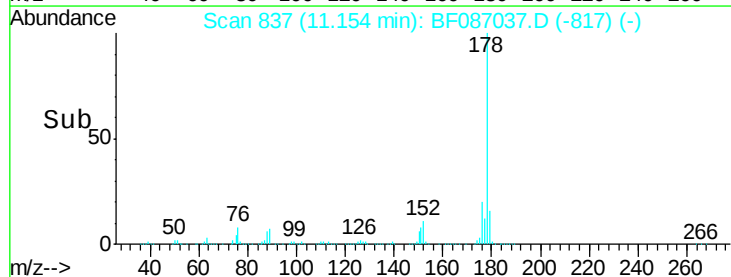
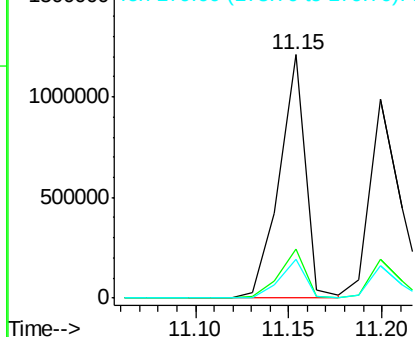


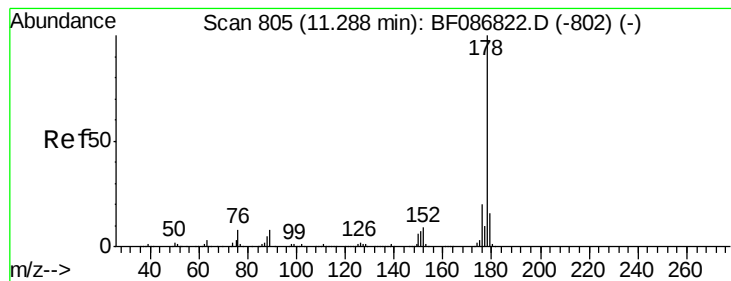
#70
 Phenanthrene
 Concen: 43.69 ng
 RT: 11.15 min Scan# 837
 Delta R.T. -0.08 min
 Lab File: BF087037.D
 Acq: 14 May 2016 23:34

Tgt Ion:178 Resp: 1171963
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.0 24.0
 179 16.0 12.6 18.8



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





#71

Anthracene

Concen: 39.70 ng

RT: 11.20 min Scan# 841

Delta R.T. -0.09 min

Lab File: BF087037.D

Acq: 14 May 2016 23:34

Instrument :

BNA_F

ClientSampleId :

PB90490BS

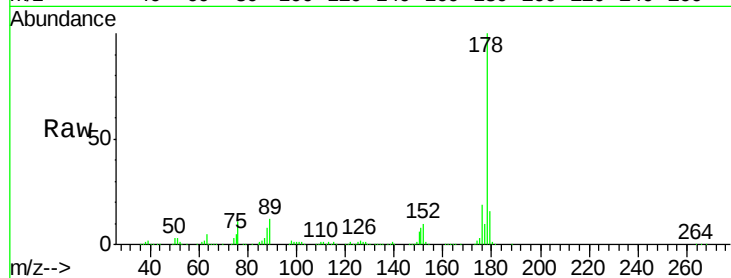
Tgt Ion:178 Resp: 1089270

Ion Ratio Lower Upper

178 100

176 19.3 15.6 23.4

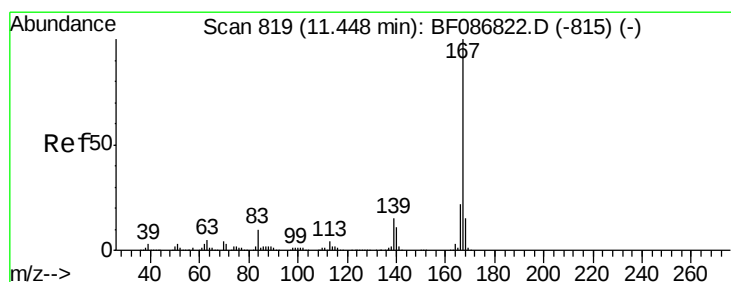
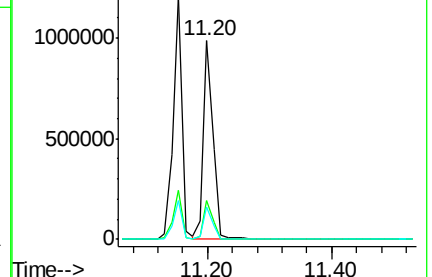
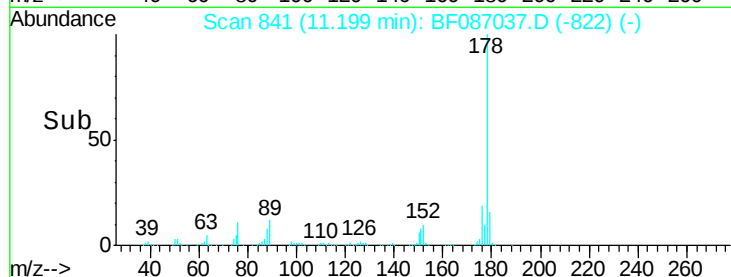
179 16.0 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 46.08 ng

RT: 11.37 min Scan# 856

Delta R.T. -0.08 min

Lab File: BF087037.D

Acq: 14 May 2016 23:34

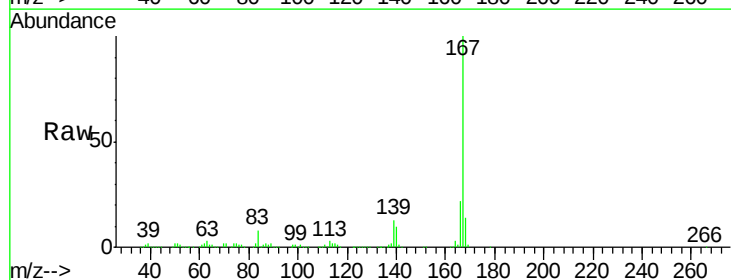
Tgt Ion:167 Resp: 1086795

Ion Ratio Lower Upper

167 100

166 22.2 17.7 26.5

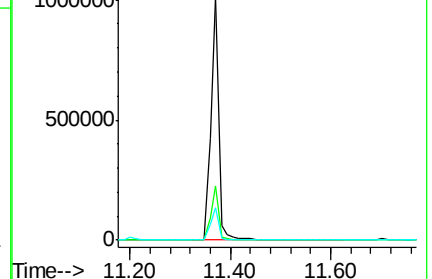
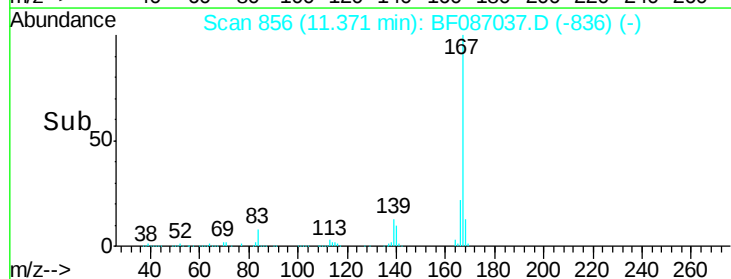
139 13.5 10.8 16.2

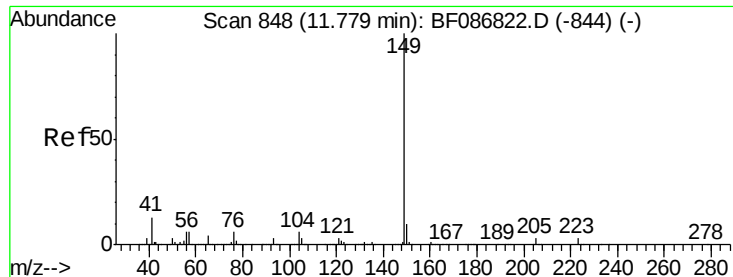


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.89 ng

RT: 11.70 min Scan# 885

Delta R.T. -0.08 min

Lab File: BF087037.D

Acq: 14 May 2016 23:34

Instrument :

BNA_F

ClientSampleId :

PB90490BS

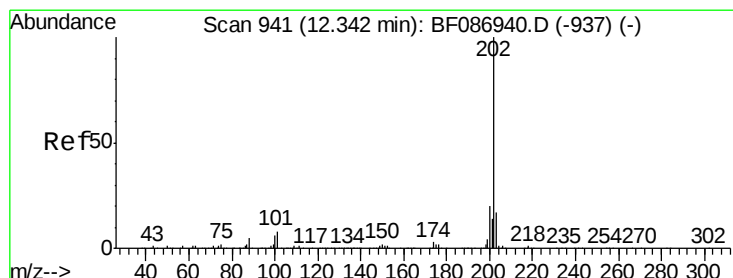
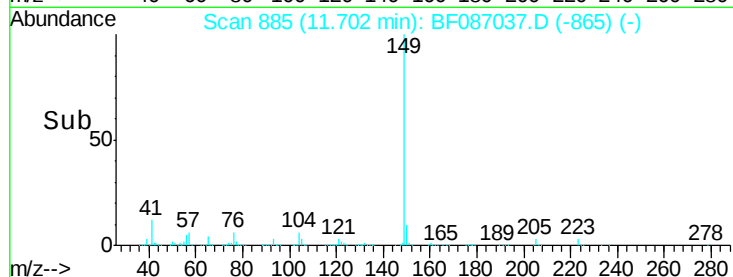
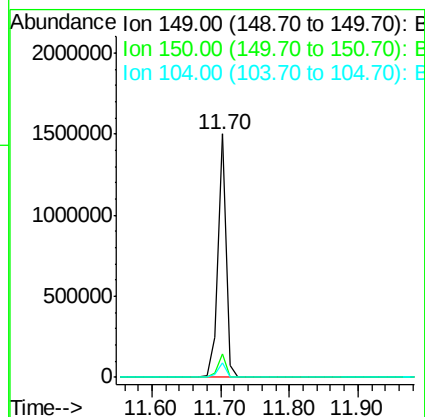
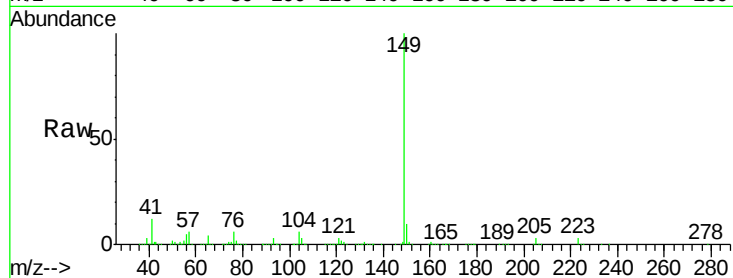
Tgt Ion:149 Resp: 1264177

Ion Ratio Lower Upper

149 100

150 9.5 7.6 11.4

104 5.9 3.8 5.6#



#74

Fluoranthene

Concen: 39.67 ng

RT: 12.33 min Scan# 940

Delta R.T. -0.09 min

Lab File: BF087037.D

Acq: 14 May 2016 23:34

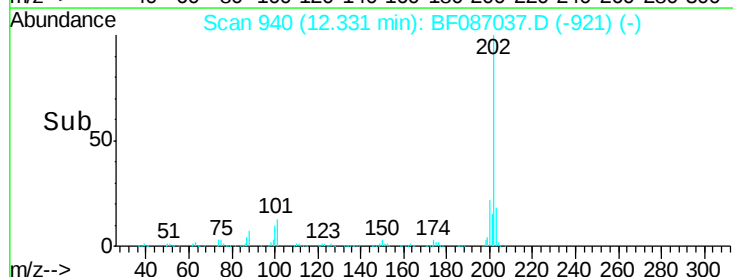
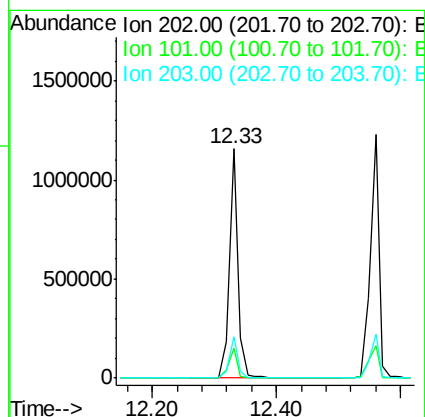
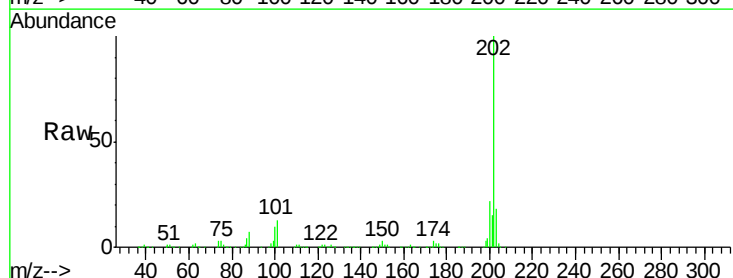
Tgt Ion:202 Resp: 1094447

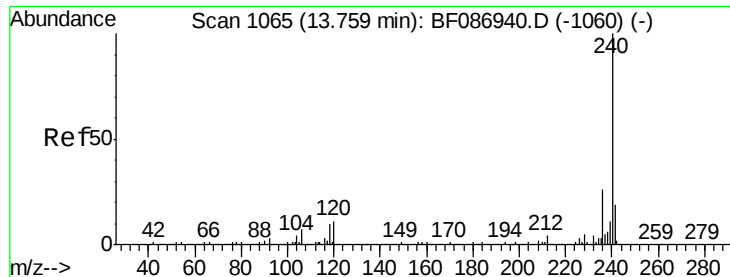
Ion Ratio Lower Upper

202 100

101 13.3 0.0 35.4

203 18.0 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.08 min

Lab File: BF087037.D

Acq: 14 May 2016 23:34

Instrument :

BNA_F

ClientSampleId :

PB90490BS

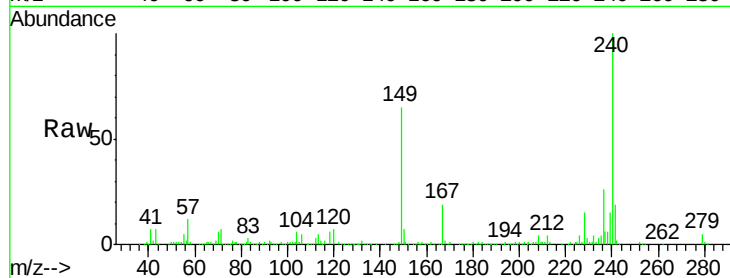
Tgt Ion:240 Resp: 328579

Ion Ratio Lower Upper

240 100

120 7.2 11.2 16.8#

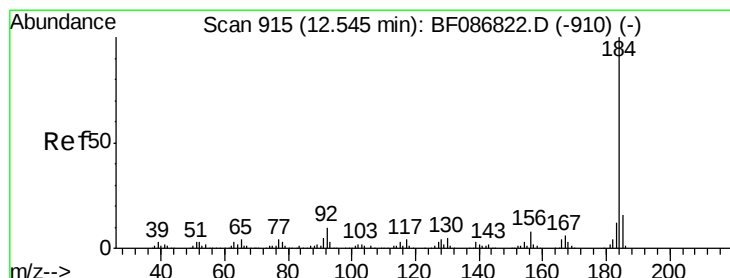
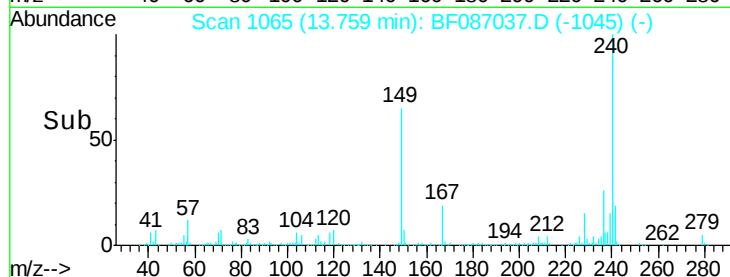
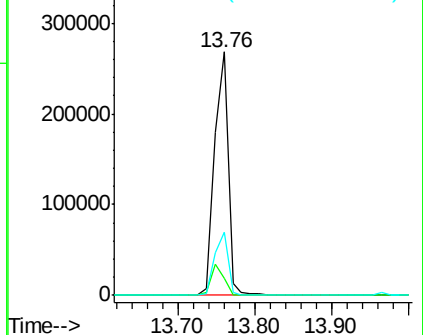
236 25.8 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 27.68 ng

RT: 12.47 min Scan# 952

Delta R.T. -0.08 min

Lab File: BF087037.D

Acq: 14 May 2016 23:34

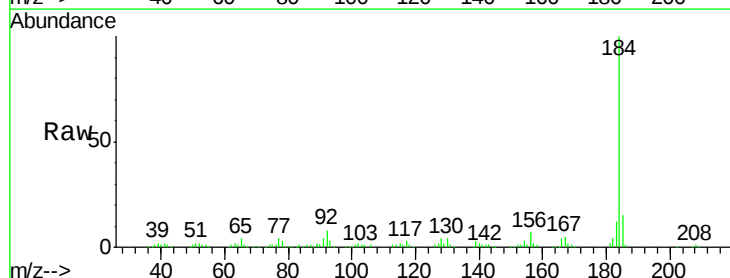
Tgt Ion:184 Resp: 231830

Ion Ratio Lower Upper

184 100

185 14.7 13.6 20.4

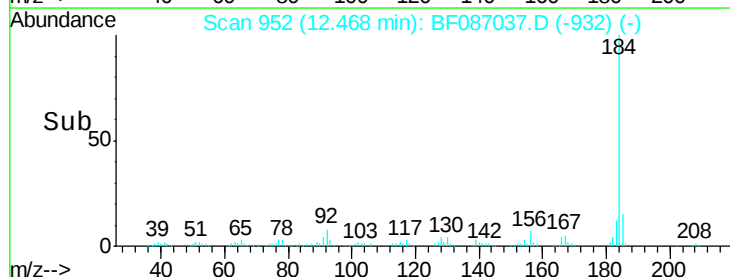
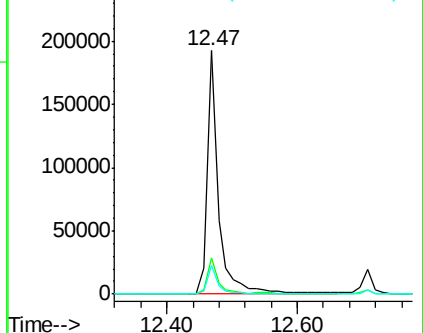
183 11.6 9.8 14.6

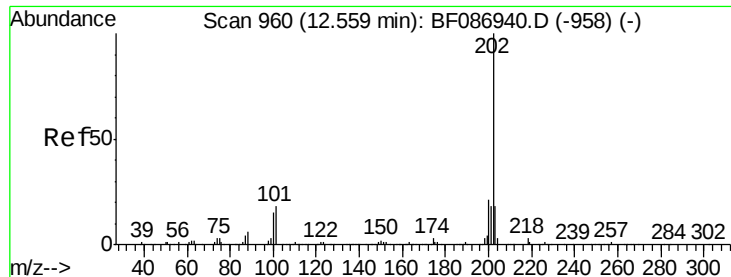


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 47.09 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.08 min

Lab File: BF087037.D

Acq: 14 May 2016 23:34

Instrument :

BNA_F

ClientSampleId :

PB90490BS

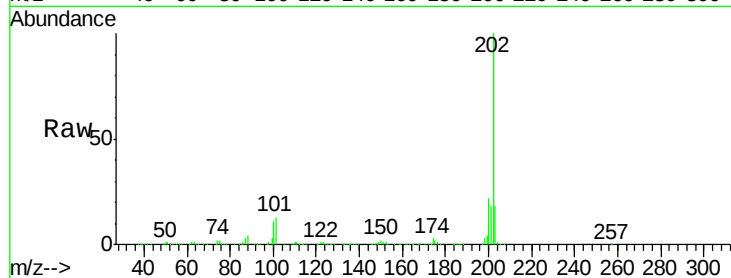
Tgt Ion:202 Resp: 1184638

Ion Ratio Lower Upper

202 100

200 22.1 17.7 26.5

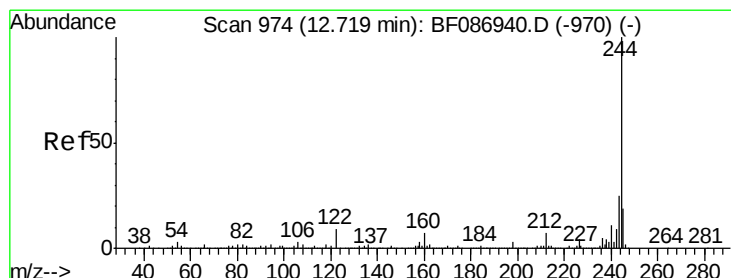
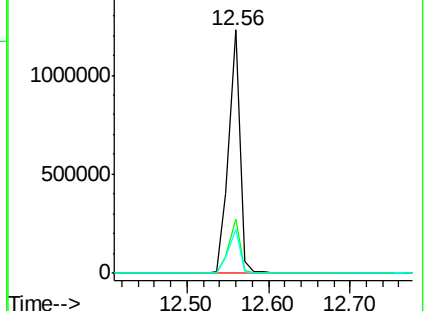
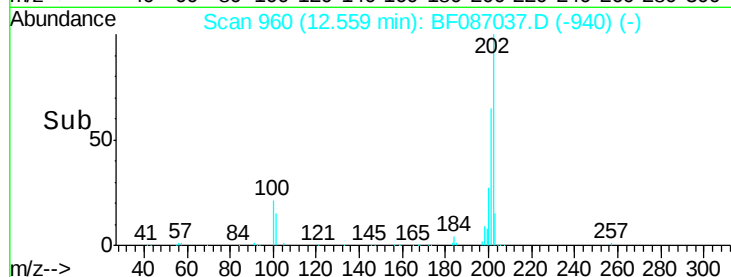
203 17.8 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 80.31 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.09 min

Lab File: BF087037.D

Acq: 14 May 2016 23:34

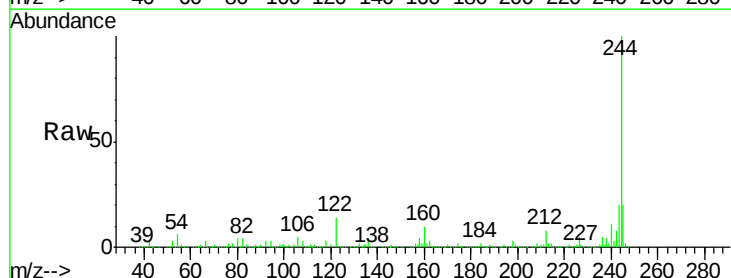
Tgt Ion:244 Resp: 1243743

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

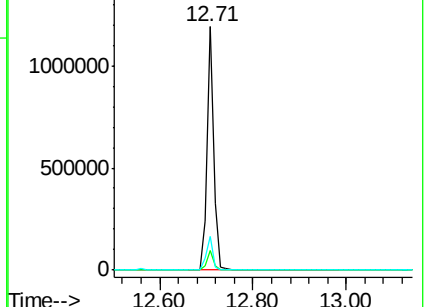
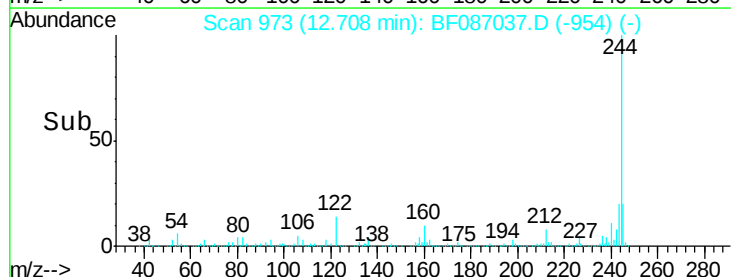
122 14.1 12.0 18.0

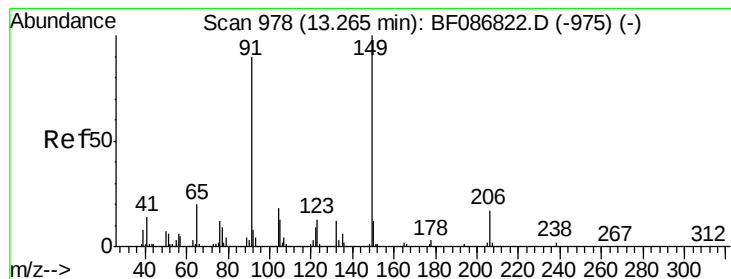


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 46.90 ng

RT: 13.19 min Scan# 1015

Delta R.T. -0.08 min

Lab File: BF087037.D

Acq: 14 May 2016 23:34

Instrument :

BNA_F

ClientSampleId :

PB90490BS

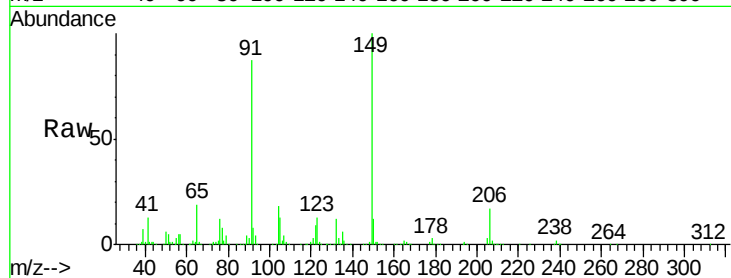
Tgt Ion:149 Resp: 498992

Ion Ratio Lower Upper

149 100

91 86.7 48.0 72.0#

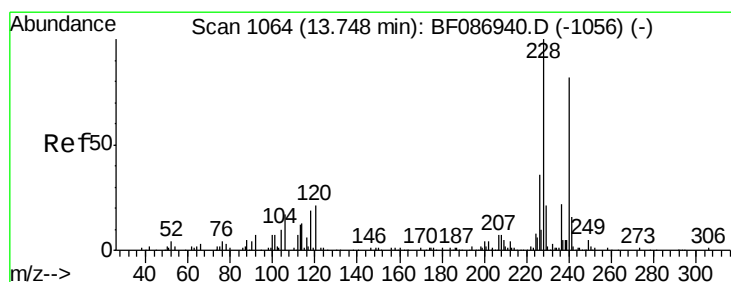
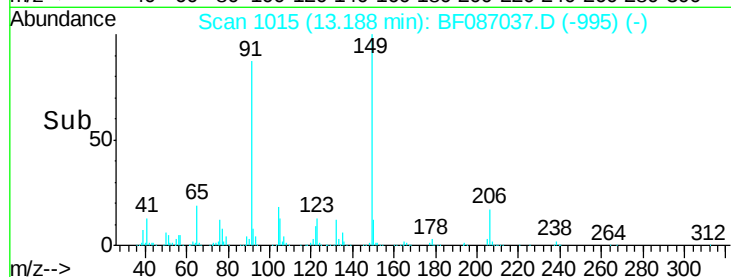
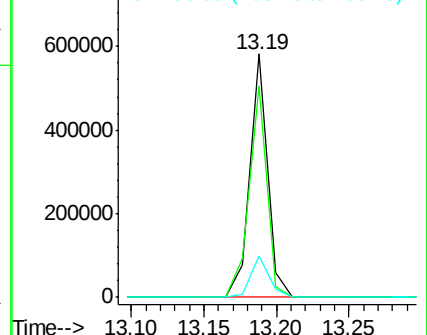
206 16.9 15.8 23.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 46.21 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.08 min

Lab File: BF087037.D

Acq: 14 May 2016 23:34

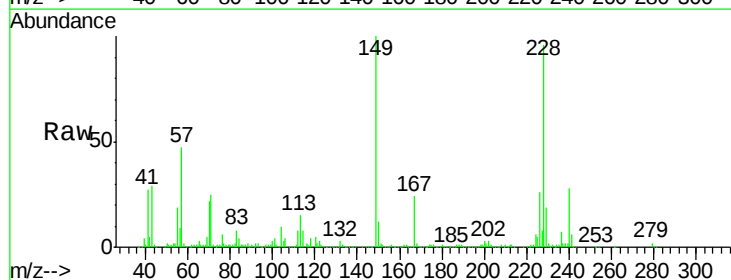
Tgt Ion:228 Resp: 852422

Ion Ratio Lower Upper

228 100

226 27.5 22.5 33.7

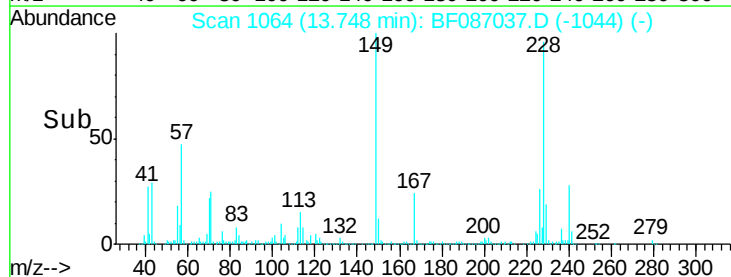
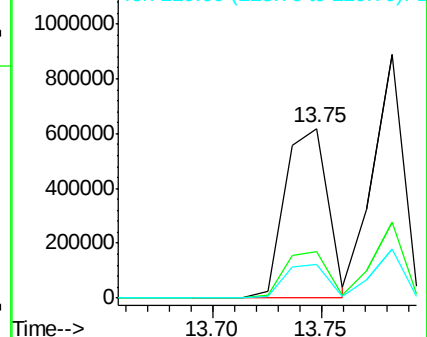
229 19.5 16.6 25.0

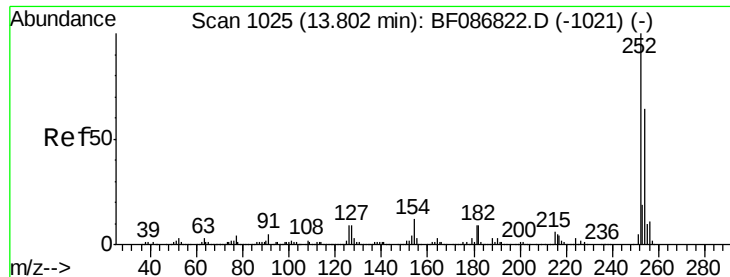


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

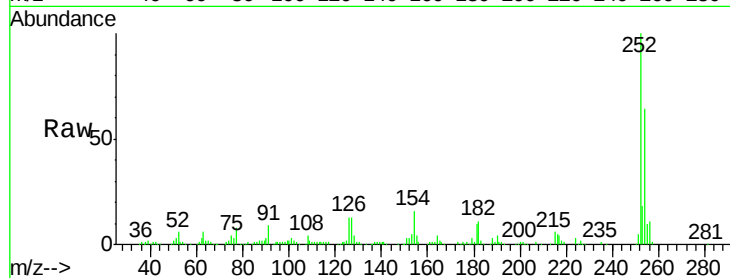




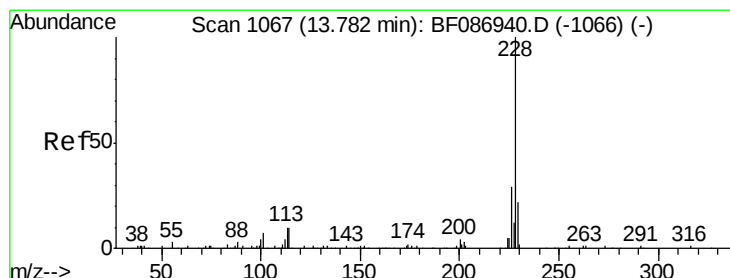
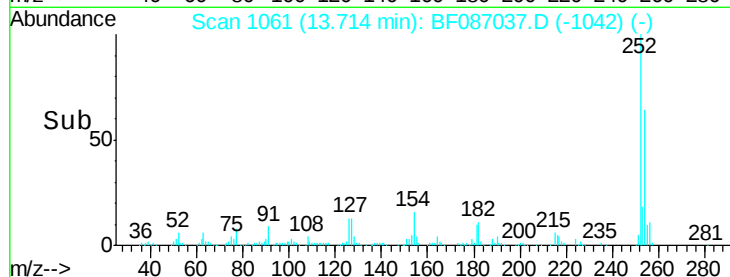
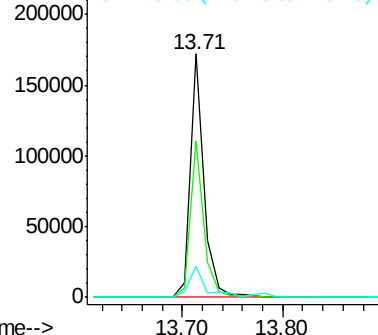
#81
 3,3'-Dichlorobenzidine
 Concen: 13.81 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.09 min
 Lab File: BF087037.D
 Acq: 14 May 2016 23:34

Instrument :
 BNA_F
 ClientSampleId :
 PB90490BS

Tgt Ion:252 Resp: 161890
 Ion Ratio Lower Upper
 252 100
 254 64.3 50.7 76.1
 126 12.6 12.7 19.1#

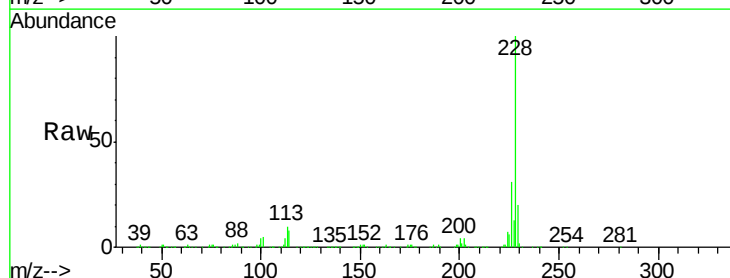


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

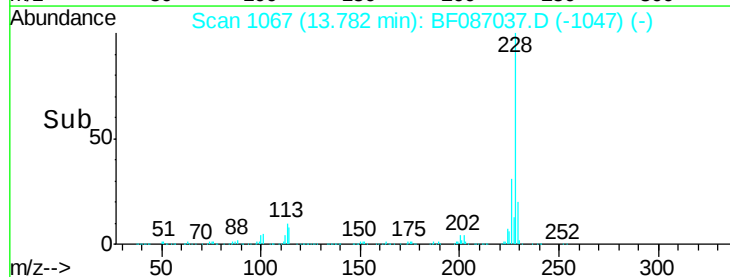
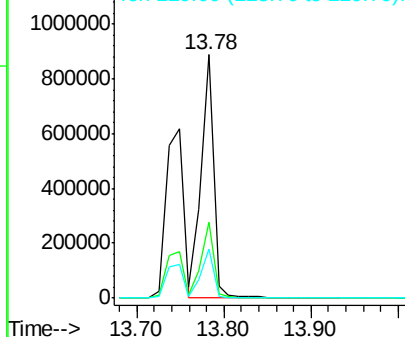


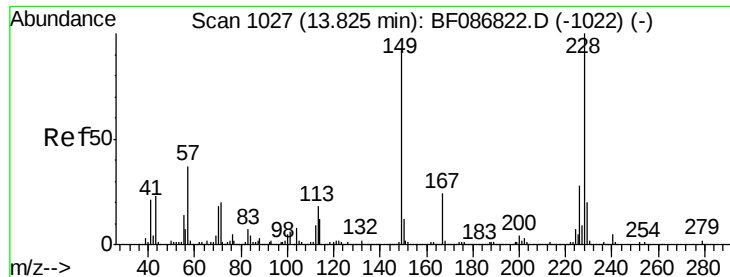
#82
 Chrysene
 Concen: 47.25 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. -0.08 min
 Lab File: BF087037.D
 Acq: 14 May 2016 23:34

Tgt Ion:228 Resp: 886615
 Ion Ratio Lower Upper
 228 100
 226 31.4 24.4 36.6
 229 20.0 15.8 23.8



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.75 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.08 min

Lab File: BF087037.D

Acq: 14 May 2016 23:34

Instrument :

BNA_F

ClientSampleId :

PB90490BS

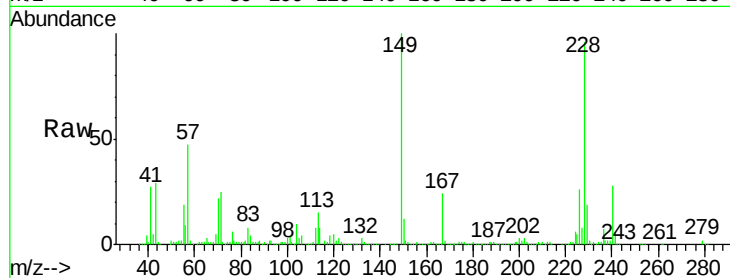
Tgt Ion:149 Resp: 611147

Ion Ratio Lower Upper

149 100

167 24.0 21.8 32.6

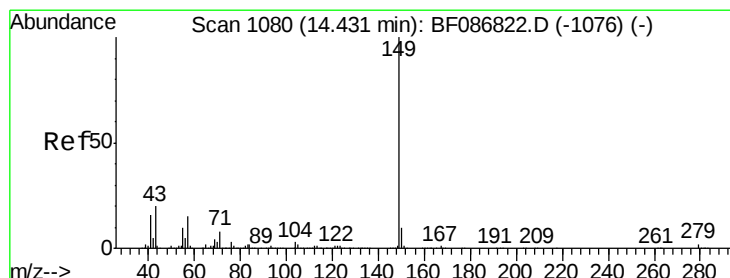
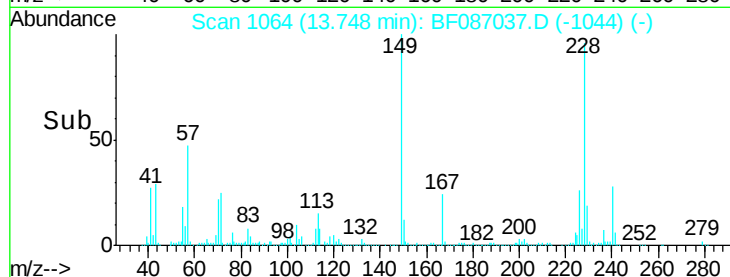
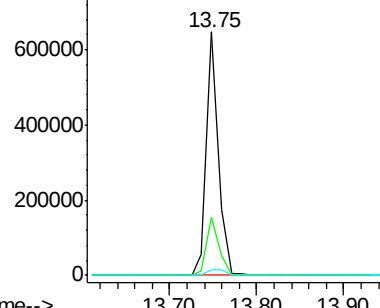
279 2.3 2.6 4.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 50.23 ng

RT: 14.35 min Scan# 1117

Delta R.T. -0.08 min

Lab File: BF087037.D

Acq: 14 May 2016 23:34

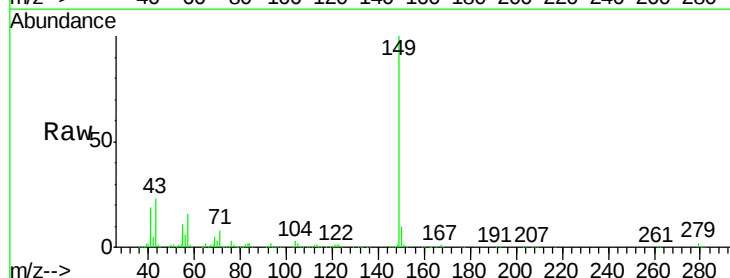
Tgt Ion:149 Resp: 1064988

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

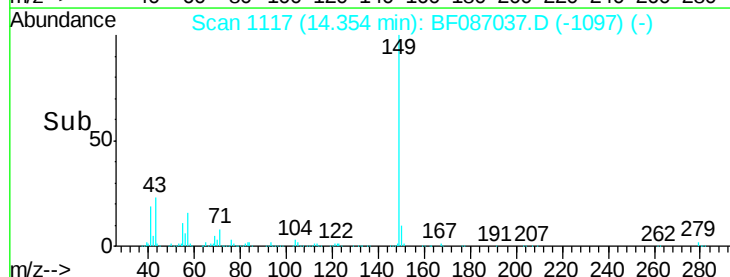
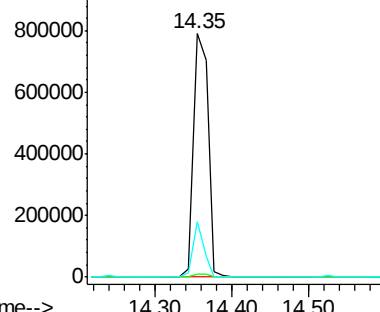
43 17.0 8.2 12.4#

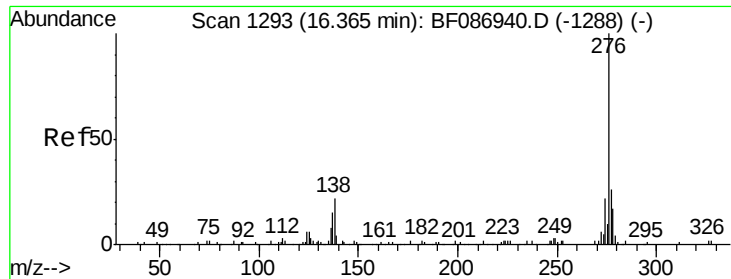


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 49.95 ng

RT: 16.37 min Scan# 1293

Delta R.T. -0.13 min

Lab File: BF087037.D

Acq: 14 May 2016 23:34

Instrument :

BNA_F

ClientSampleId :

PB90490BS

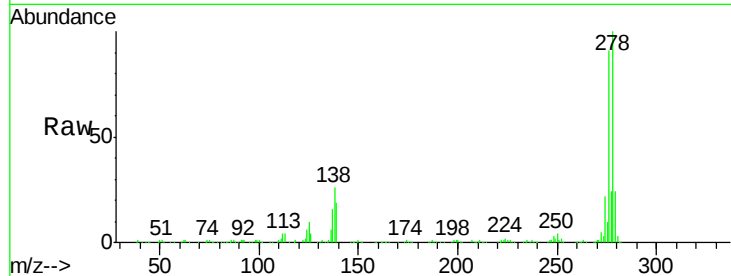
Tgt Ion:276 Resp: 779778

Ion Ratio Lower Upper

276 100

138 27.4 25.6 38.4

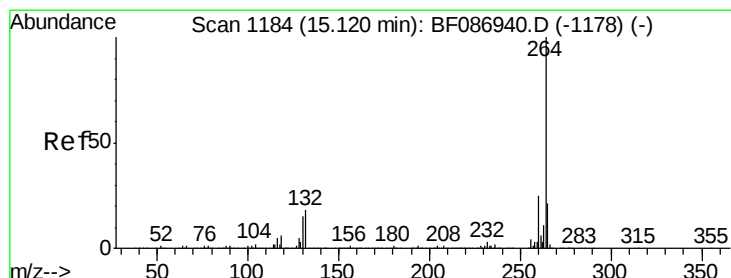
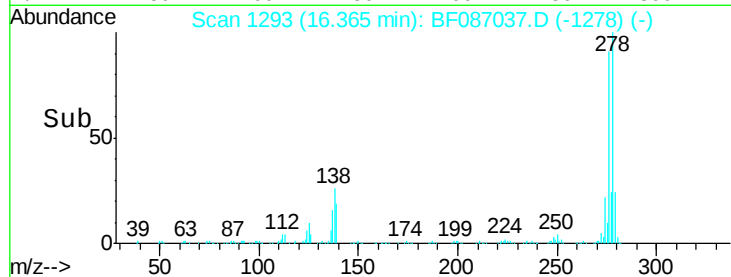
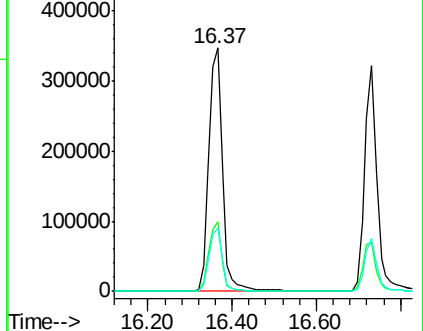
277 25.4 20.5 30.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.11 min Scan# 1183

Delta R.T. -0.10 min

Lab File: BF087037.D

Acq: 14 May 2016 23:34

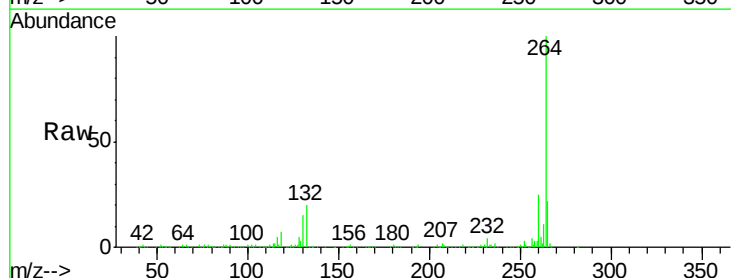
Tgt Ion:264 Resp: 305961

Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

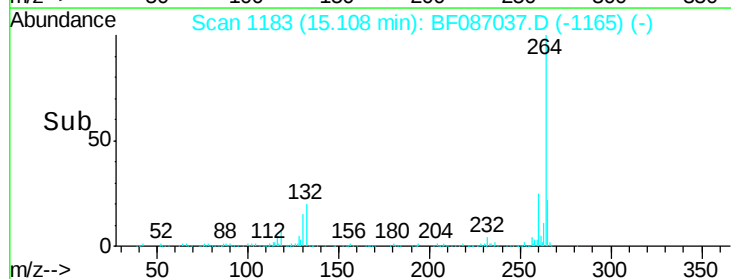
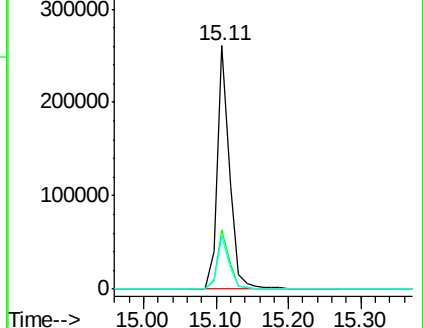
265 21.7 17.3 25.9

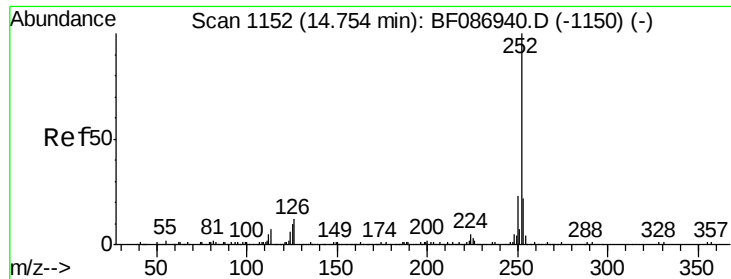


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 75.26 ng

RT: 14.74 min Scan# 1151

Delta R.T. -0.09 min

Lab File: BF087037.D

Acq: 14 May 2016 23:34

Instrument :

BNA_F

ClientSampleId :

PB90490BS

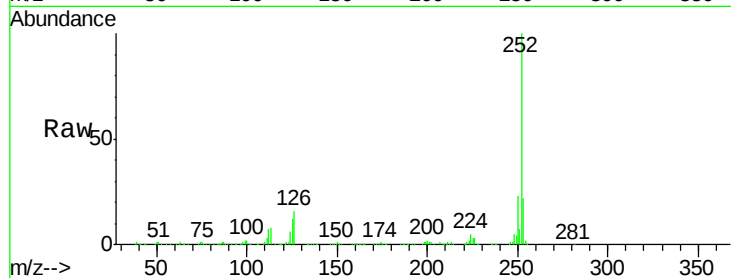
Tgt Ion:252 Resp: 1496452

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

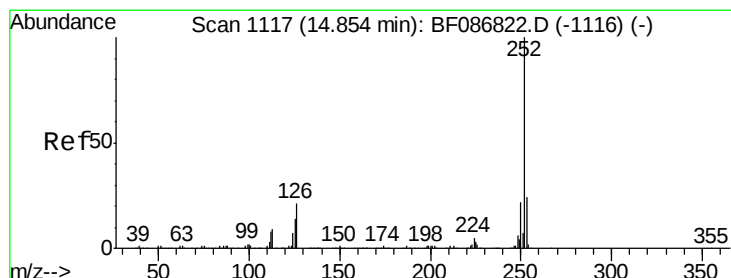
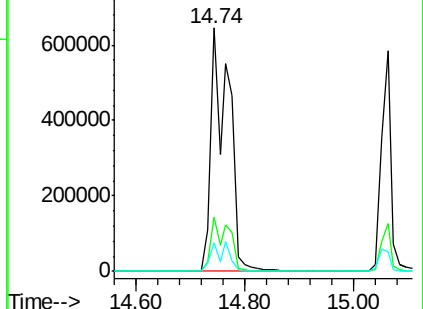
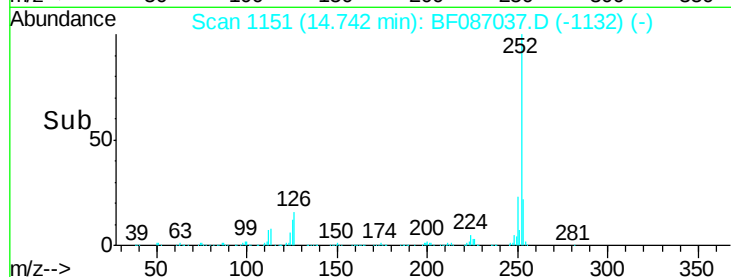
125 12.0 11.4 17.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 92.00 ng

RT: 14.74 min Scan# 1151

Delta R.T. -0.11 min

Lab File: BF087037.D

Acq: 14 May 2016 23:34

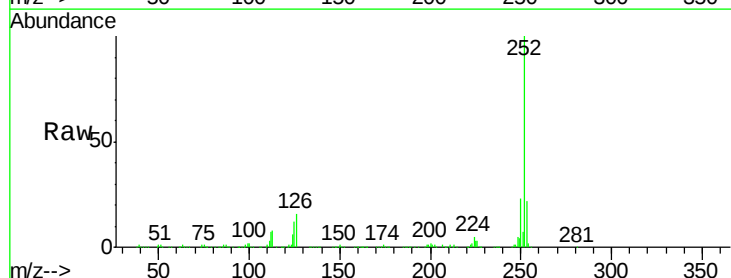
Tgt Ion:252 Resp: 1497999

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

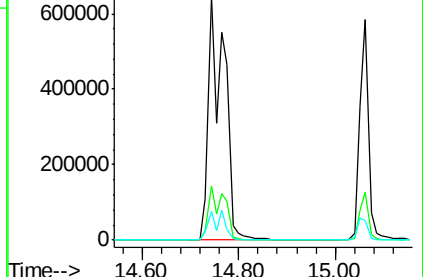
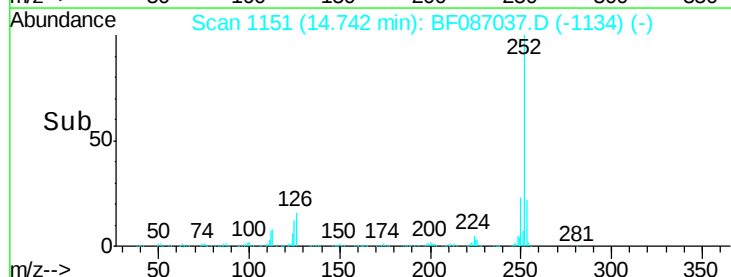
125 12.0 9.1 13.7

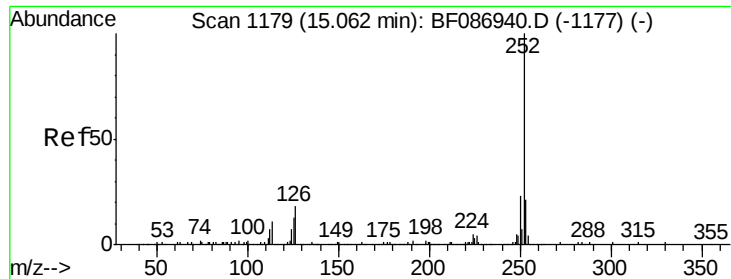


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 43.25 ng

RT: 15.06 min Scan# 1179

Delta R.T. -0.09 min

Lab File: BF087037.D

Acq: 14 May 2016 23:34

Instrument :

BNA_F

ClientSampleId :

PB90490BS

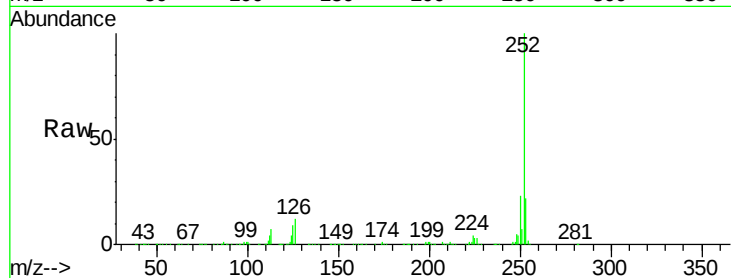
Tgt Ion:252 Resp: 741718

Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

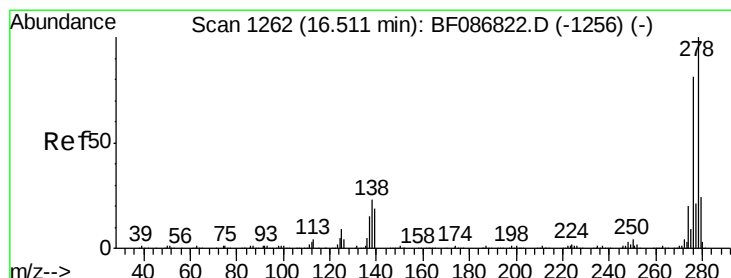
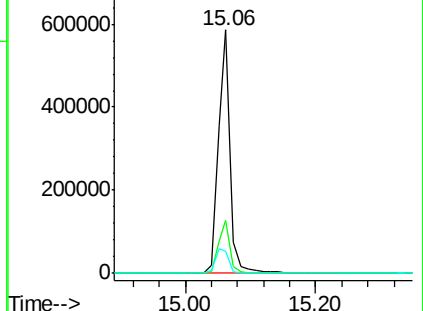
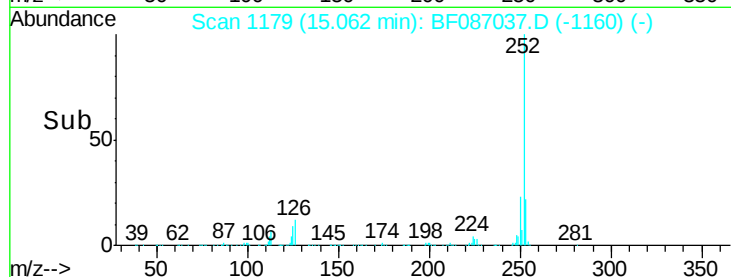
125 9.1 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 44.72 ng

RT: 16.37 min Scan# 1293

Delta R.T. -0.15 min

Lab File: BF087037.D

Acq: 14 May 2016 23:34

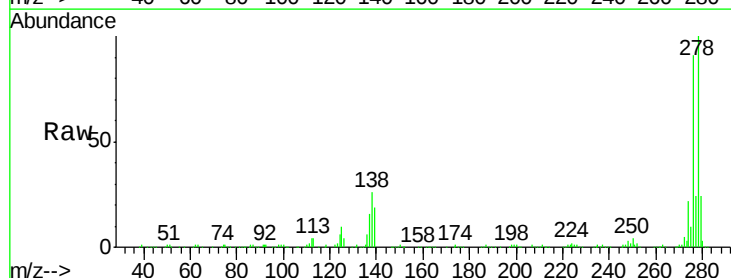
Tgt Ion:278 Resp: 646395

Ion Ratio Lower Upper

278 100

139 19.4 16.6 24.8

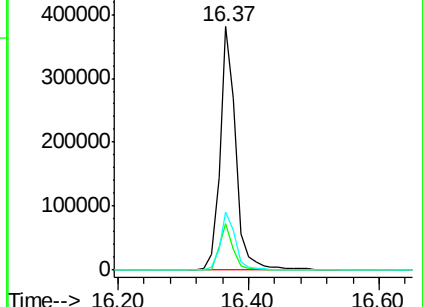
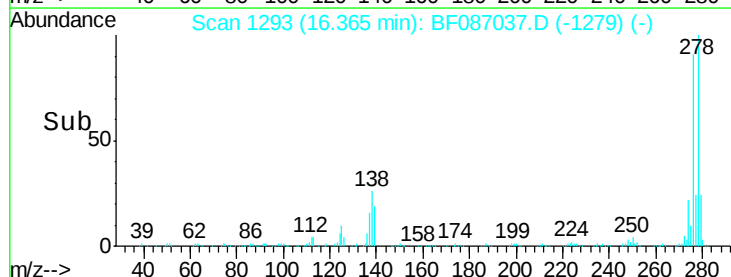
279 23.8 19.6 29.4

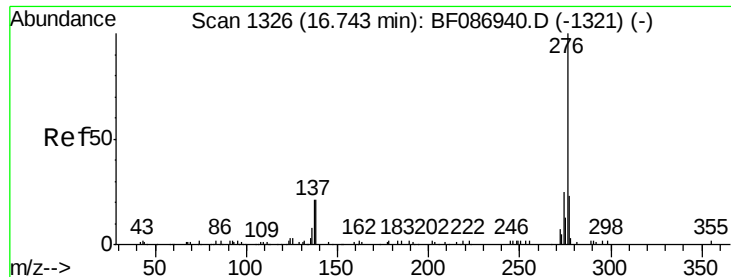


Abundance Ion 278.00 (277.70 to 278.70): E

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: 45.37 ng
 RT: 16.73 min Scan# 1325
 Delta R.T. -0.16 min
 Lab File: BF087037.D
 Acq: 14 May 2016 23:34

Instrument :
 BNA_F
 ClientSampleId :
 PB90490BS

Tgt Ion: 276 Resp: 666309
 Ion Ratio Lower Upper
 276 100
 277 23.5 19.6 29.4
 138 21.7 23.6 35.4#

