

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051316\
 Data File : BF086978.D
 Acq On : 13 May 2016 18:38
 Operator : UM/SJ
 Sample : PB90587BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 PB90587BS

Quant Time: May 13 22:50:34 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	6.76	152	408099	20.00	ng	0.07
21) Naphthalene-d8	7.91	136	591333	20.00	ng	-0.08
38) Acenaphthene-d10	9.66	164	301793	20.00	ng	-0.08
63) Phenanthrene-d10	11.13	188	590485	20.00	ng	-0.08
75) Chrysene-d12	13.76	240	487531	20.00	ng	-0.08
86) Perylene-d12	15.11	264	402731	20.00	ng	-0.10

System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	992026	41.17	ng	-0.08
7) Phenol-d6	6.28	99	1223548	37.99	ng	-0.08
23) Nitrobenzene-d5	7.19	82	808385	68.64	ng	-0.08
41) 2,4,6-Tribromophenol	10.44	330	379987	118.93	ng	-0.08
44) 2-Fluorobiphenyl	8.98	172	1305083	72.68	ng	-0.08
78) Terphenyl-d14	12.71	244	1427184	62.11	ng	-0.09

Target Compounds						Qvalue
2) 1,4-Dioxane	2.10	88	116097	9.81	ng	# 63
3) Pyridine	2.75	79	326831	11.30	ng	# 66
4) n-Nitrosodimethylamine	2.70	42	271684	12.95	ng	# 47
6) Aniline	6.35	93	341776	8.77	ng	# 52
8) 2-Chlorophenol	6.40	128	354846	12.20	ng	# 81
10) Phenol	6.30	94	508482	13.28	ng	# 85
11) bis(2-Chloroethyl)ether	6.35	93	341776	11.45	ng	# 80
12) 1,3-Dichlorobenzene	6.79	146	331829	10.55	ng	# 99
13) 1,4-Dichlorobenzene	6.79	146	331834	10.34	ng	# 98
14) 1,2-Dichlorobenzene	6.79	146	331834	11.86	ng	# 95
15) Benzyl Alcohol	6.78	79	322704	14.51	ng	# 90
16) 2,2'-oxybis(1-Chloropropan	6.90	45	738289	11.38	ng	# 47
17) 2-Methylphenol	7.06	107	403010	17.42	ng	# 82
18) Hexachloroethane	7.12	117	138110	11.44	ng	# 98
19) n-Nitroso-di-n-propylamine	7.19	70	114540	5.09	ng	# 70
20) 3+4-Methylphenols	7.06	107	403010	13.34	ng	# 59
22) Acetophenone	7.04	105	521485	37.34	ng	# 97
24) Nitrobenzene	7.21	77	448139	36.99	ng	# 94
25) Isophorone	7.45	82	760434	34.80	ng	# 99
26) 2-Nitrophenol	7.53	139	186033	34.94	ng	# 97
27) 2,4-Dimethylphenol	7.59	122	331112	36.50	ng	# 94
28) bis(2-Chloroethoxy)methane	7.67	93	460662	39.09	ng	# 98
29) 2,4-Dichlorophenol	7.78	162	298742	37.42	ng	# 94
30) 1,2,4-Trichlorobenzene	7.85	180	322114	36.08	ng	# 98
31) Naphthalene	7.92	128	1000851	33.79	ng	# 99
32) Benzoic acid	7.74	122	197051	36.99	ng	# 91
33) 4-Chloroaniline	7.99	127	215057	18.69	ng	# 95
34) Hexachlorobutadiene	8.04	225	179887	34.73	ng	# 100
35) Caprolactam	8.36	113	60618	22.32	ng	# 53
36) 4-Chloro-3-methylphenol	8.49	107	353616	36.52	ng	# 91
37) 2-Methylnaphthalene	8.62	142	701075	40.49	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	288149	32.84	ng	# 98
40) Hexachlorocyclopentadiene	8.76	237	263124	63.18	ng	# 95
42) 2,4,6-Trichlorophenol	8.90	196	194232	33.10	ng	# 96

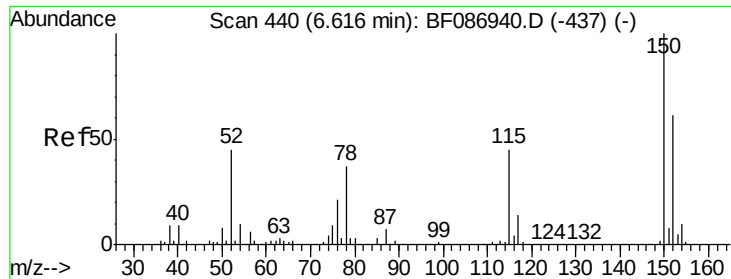
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.96	196	204477	33.70	ng	92
45) 1,1'-Biphenyl	9.08	154	885495	36.89	ng	99
46) 2-Chloronaphthalene	9.11	162	648665	34.49	ng	98
47) 2-Nitroaniline	9.21	65	254058	36.96	ng	# 76
48) Acenaphthylene	9.52	152	1033544	37.36	ng	98
49) Dimethylphthalate	9.39	163	781390	33.94	ng	99
50) 2,6-Dinitrotoluene	9.45	165	164784	34.01	ng	# 64
51) Acenaphthene	9.69	154	638969	37.13	ng	98
52) 3-Nitroaniline	9.62	138	120582	23.64	ng	83
53) 2,4-Dinitrophenol	9.74	184	178288	72.77	ng	# 83
54) Dibenzofuran	9.86	168	907112	41.07	ng	100
55) 4-Nitrophenol	9.82	139	249461	73.72	ng	# 52
56) 2,4-Dinitrotoluene	9.86	165	247213	41.23	ng	92
57) Fluorene	10.19	166	691850	36.73	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.99	232	193587	42.38	ng	94
59) Diethylphthalate	10.09	149	801955	35.74	ng	98
60) 4-Chlorophenyl-phenylether	10.19	204	316110	36.84	ng	97
61) 4-Nitroaniline	10.24	138	184970	37.75	ng	# 68
62) Azobenzene	10.35	77	937623	38.73	ng	87
64) 4,6-Dinitro-2-methylphenol	10.27	198	132109	36.01	ng	89
65) n-Nitrosodiphenylamine	10.32	169	662239	36.51	ng	99
66) 4-Bromophenyl-phenylether	10.68	248	211683	35.36	ng	# 78
67) Hexachlorobenzene	10.74	284	229210	32.76	ng	# 76
68) Atrazine	10.86	200	230299	38.00	ng	95
69) Pentachlorophenol	10.95	266	241749	74.76	ng	98
70) Phenanthrene	11.15	178	1114453	35.37	ng	99
71) Anthracene	11.21	178	1169851	36.30	ng	98
72) Carbazole	11.37	167	1124357	40.58	ng	100
73) Di-n-butylphthalate	11.70	149	1177904	34.82	ng	# 99
74) Fluoranthene	12.33	202	1094226	33.76	ng	99
76) Benzidine	12.47	184	374641	30.14	ng	96
77) Pyrene	12.56	202	1142987	30.62	ng	100
79) Butylbenzylphthalate	13.19	149	502443	31.83	ng	# 67
80) Benzo(a)anthracene	13.75	228	962824	35.18	ng	99
81) 3,3'-Dichlorobenzidine	13.71	252	224282	12.90	ng	99
82) Chrysene	13.78	228	923099	33.16	ng	99
83) Bis(2-ethylhexyl)phthalate	13.75	149	627172	33.03	ng	# 94
84) Di-n-octyl phthalate	14.37	149	1198624	38.10	ng	# 86
85) Indeno(1,2,3-cd)pyrene	16.37	276	748534	32.32	ng	95
87) Benzo(b)fluoranthene	14.78	252	1786211	68.24	ng	# 93
88) Benzo(k)fluoranthene	14.78	252	1786676	83.37	ng	# 96
89) Benzo(a)pyrene	15.06	252	814050	36.06	ng	98
90) Dibenzo(a,h)anthracene	16.38	278	621808	32.68	ng	# 93
91) Benzo(g,h,i)perylene	16.73	276	628639	32.52	ng	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 453

Delta R.T. 0.07 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

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PB90587BS

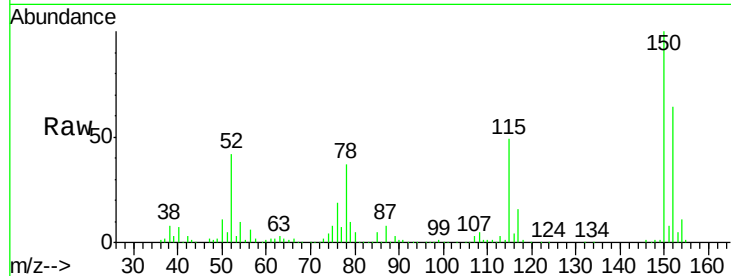
Tgt Ion:152 Resp: 408099

Ion Ratio Lower Upper

152 100

150 155.5 125.8 188.6

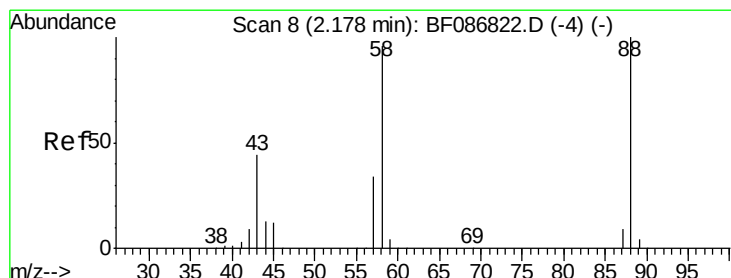
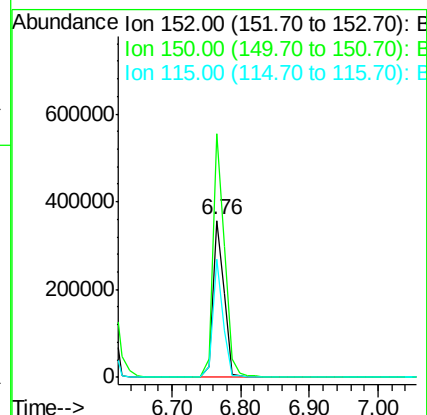
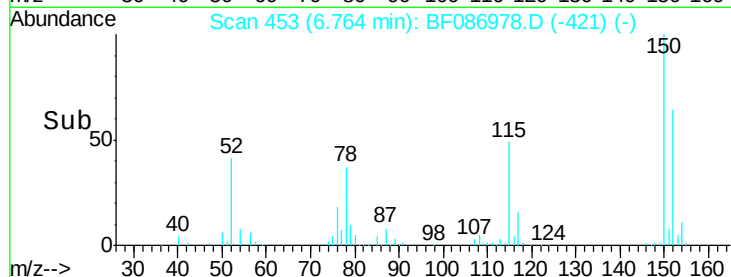
115 75.8 51.5 77.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 9.81 ng

RT: 2.10 min Scan# 45

Delta R.T. -0.08 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

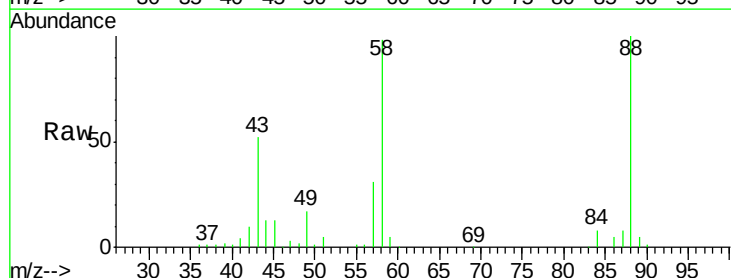
Tgt Ion: 88 Resp: 116097

Ion Ratio Lower Upper

88 100

58 94.4 59.6 89.4#

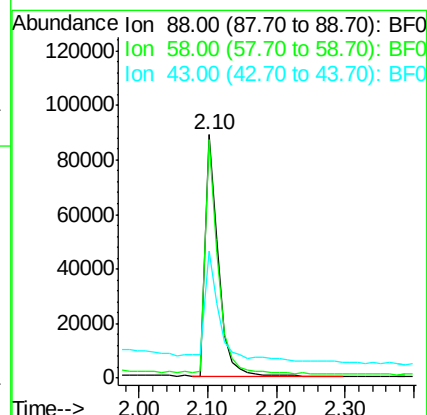
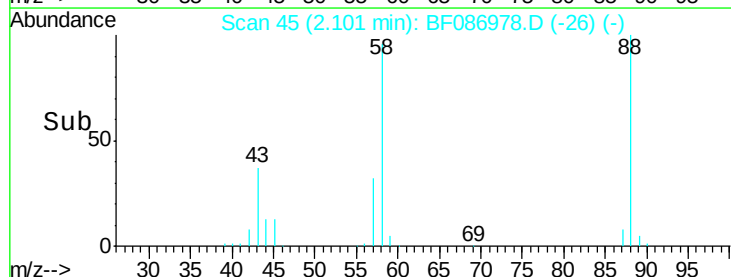
43 66.5 21.8 32.6#

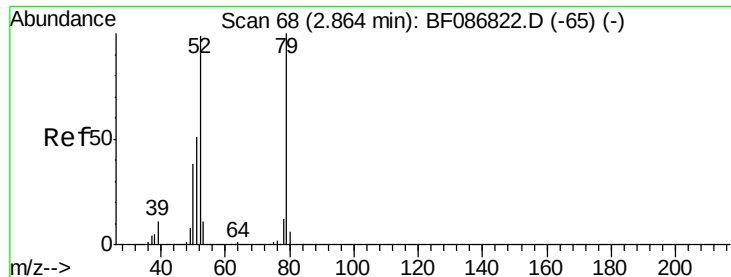


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 11.30 ng

RT: 2.75 min Scan# 102

Delta R.T. -0.11 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

Instrument :

BNA_F

ClientSampleId :

PB90587BS

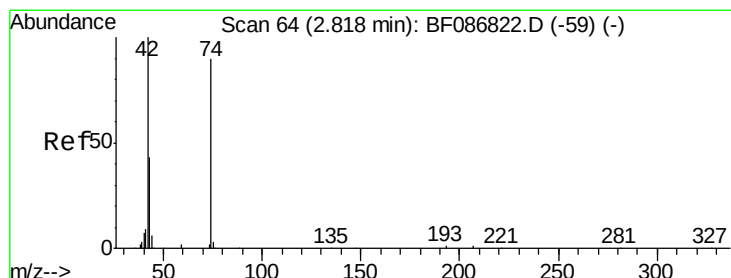
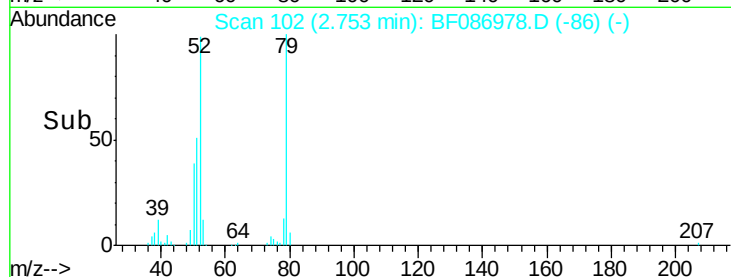
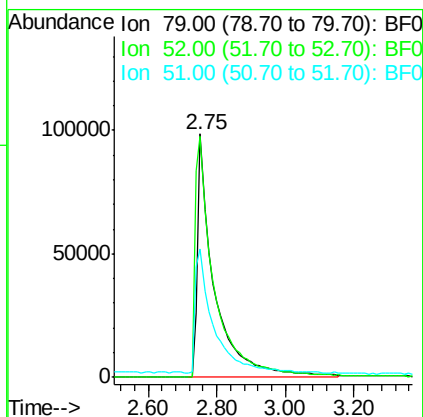
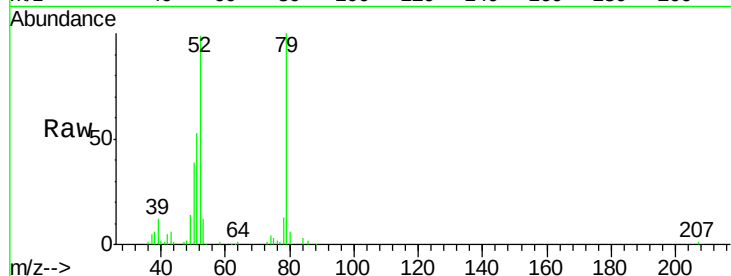
Tgt Ion: 79 Resp: 326831

Ion Ratio Lower Upper

79 100

52 99.1 55.9 83.9#

51 52.6 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 12.95 ng

RT: 2.70 min Scan# 97

Delta R.T. -0.12 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

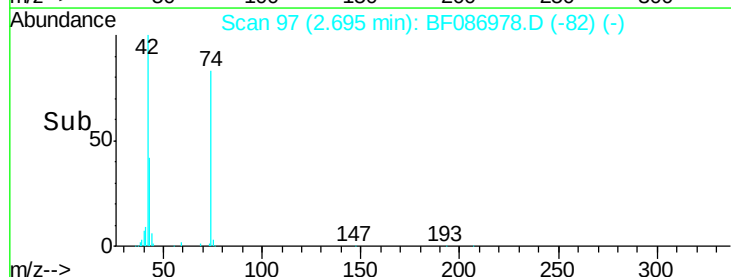
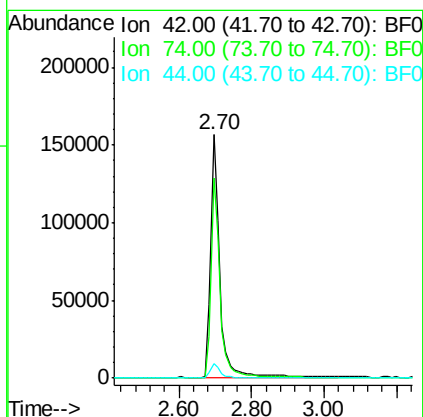
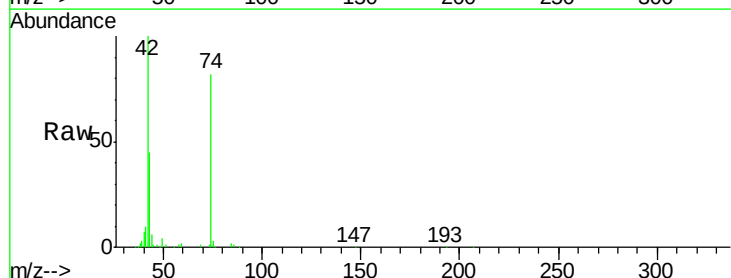
Tgt Ion: 42 Resp: 271684

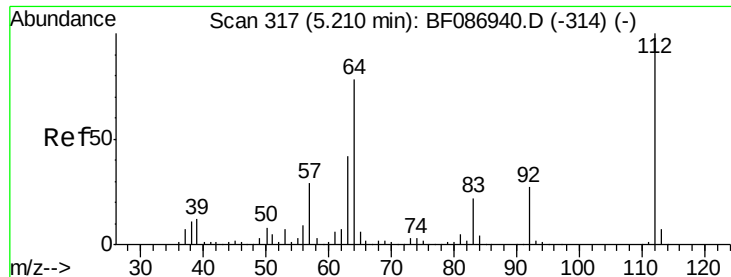
Ion Ratio Lower Upper

42 100

74 82.3 123.4 185.0#

44 6.2 5.8 8.6





#5

2-Fluorophenol

Concen: 41.17 ng

RT: 5.21 min Scan# 317

Delta R.T. -0.08 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

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PB90587BS

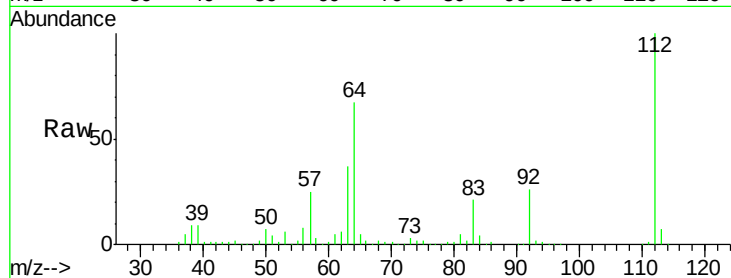
Tgt Ion: 112 Resp: 992026

Ion Ratio Lower Upper

112 100

64 67.3 52.1 78.1

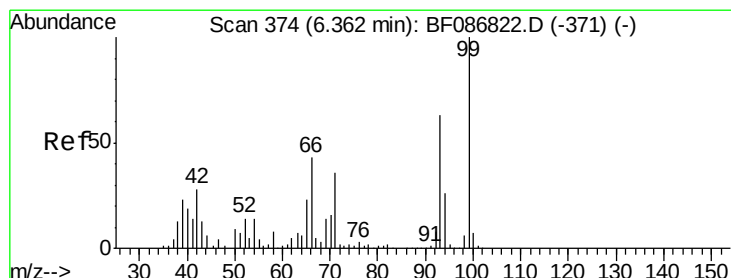
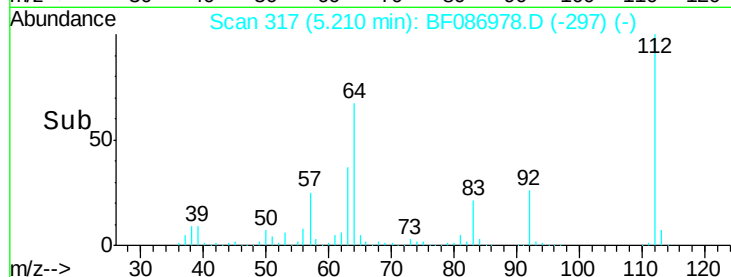
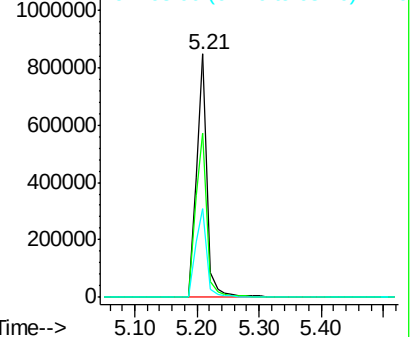
63 36.6 25.7 38.5



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: 8.77 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

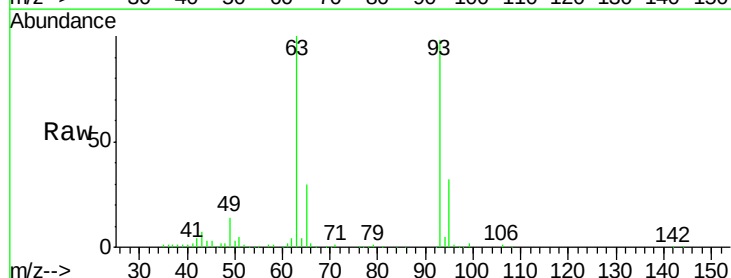
Tgt Ion: 93 Resp: 341776

Ion Ratio Lower Upper

93 100

66 1.8 39.0 58.6#

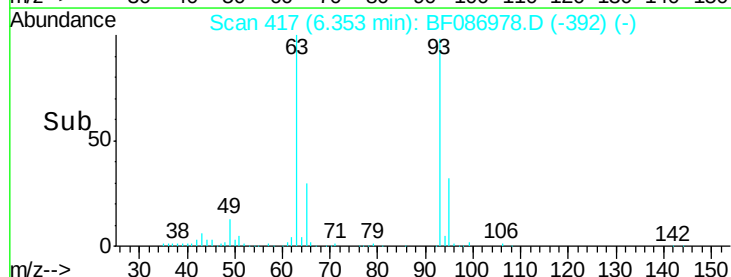
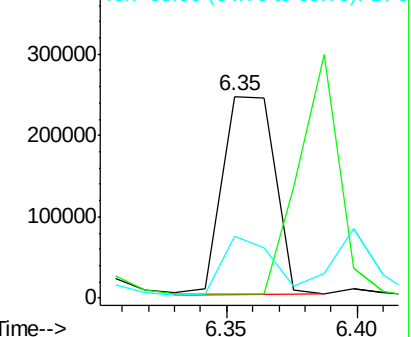
65 30.5 20.6 31.0

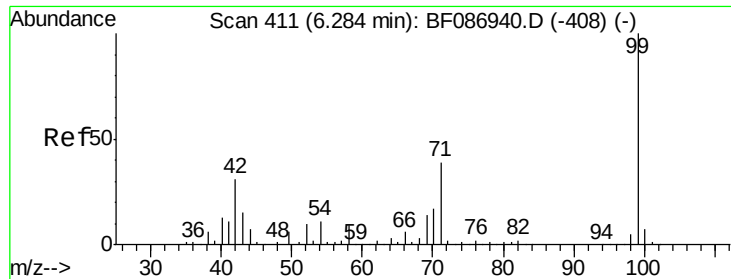


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 37.99 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.08 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

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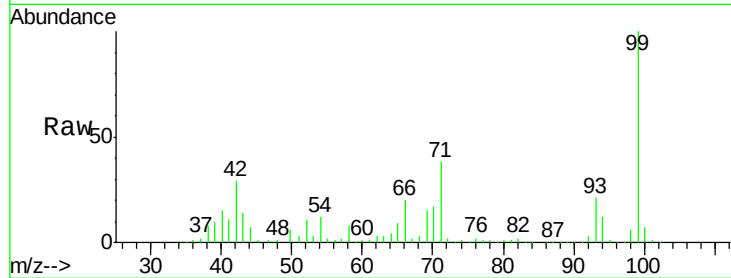
Tgt Ion: 99 Resp: 1223548

Ion Ratio Lower Upper

99 100

42 28.8 13.6 20.4#

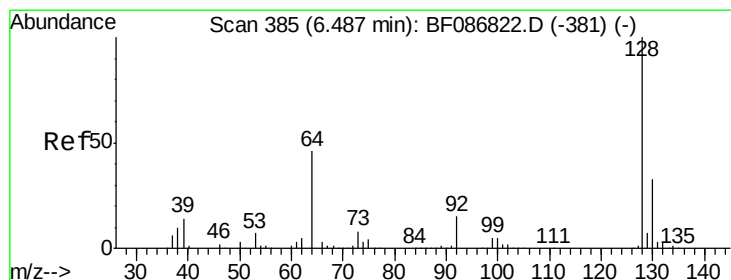
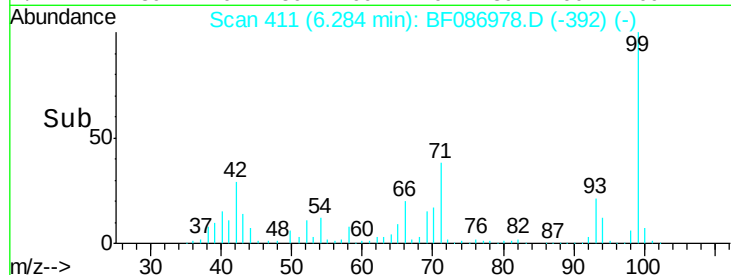
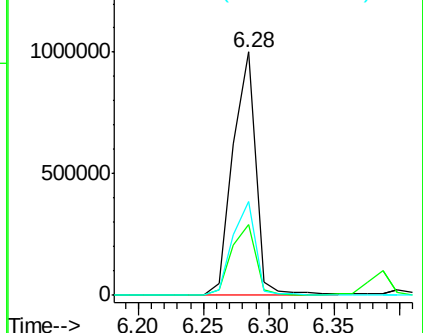
71 38.4 24.6 36.8#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 12.20 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.09 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

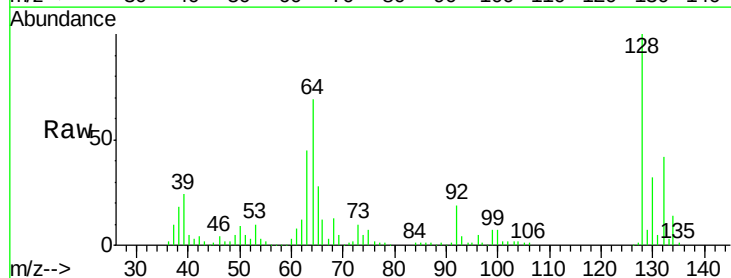
Tgt Ion: 128 Resp: 354846

Ion Ratio Lower Upper

128 100

130 31.9 12.5 52.5

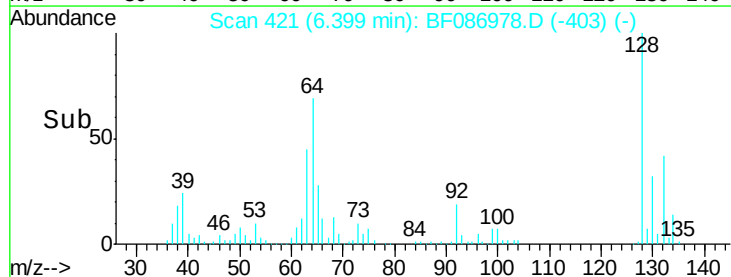
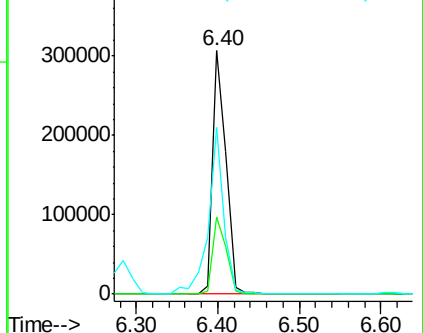
64 68.8 27.3 67.3#

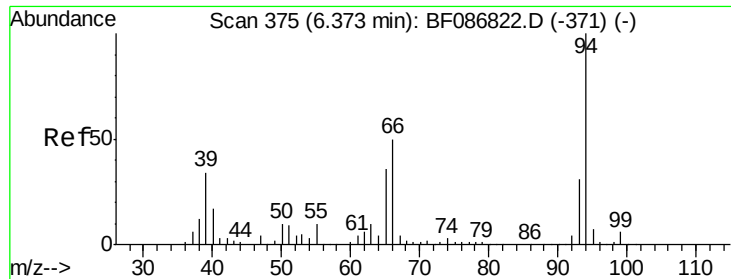


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#10

Phenol

Concen: 13.28 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.08 min

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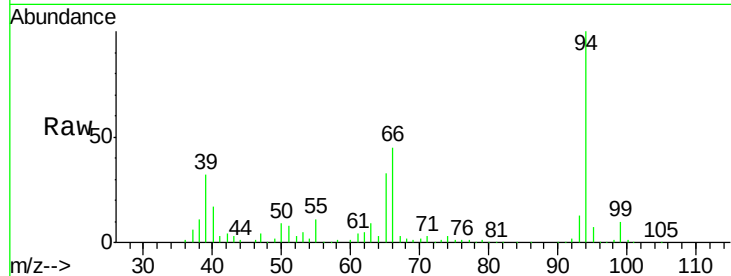
Tgt Ion: 94 Resp: 508482

Ion Ratio Lower Upper

94 100

65 33.4 7.2 47.2

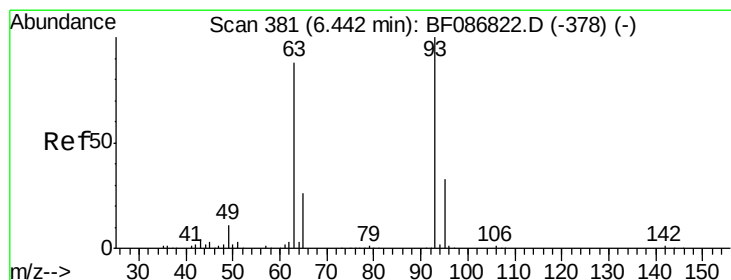
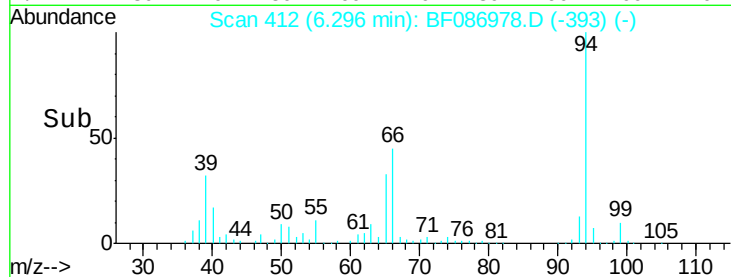
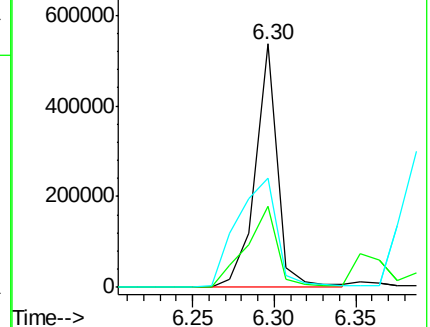
66 44.6 14.9 54.9



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: 11.45 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.09 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

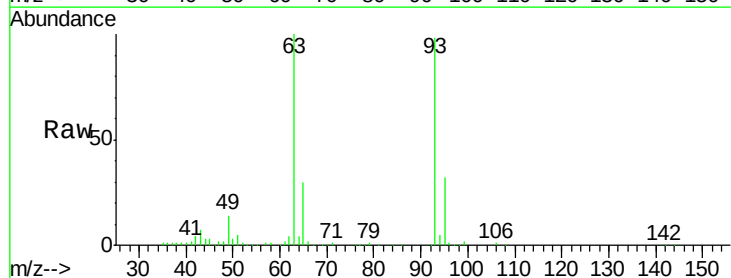
Tgt Ion: 93 Resp: 341776

Ion Ratio Lower Upper

93 100

63 102.2 58.0 98.0#

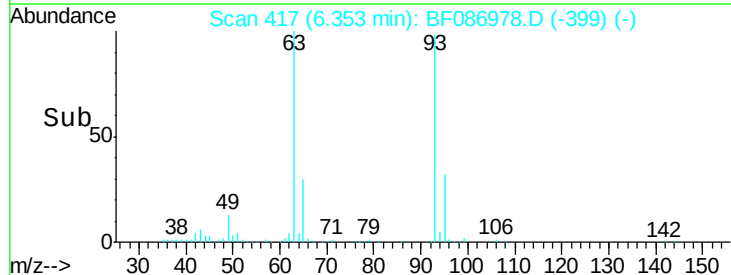
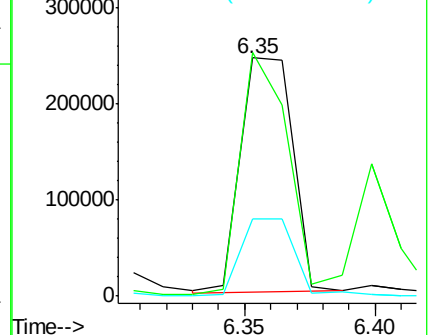
95 32.2 11.9 51.9

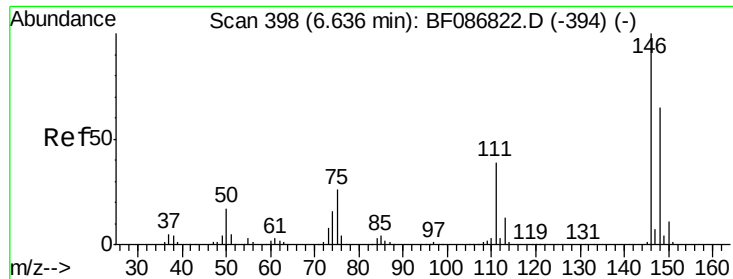


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

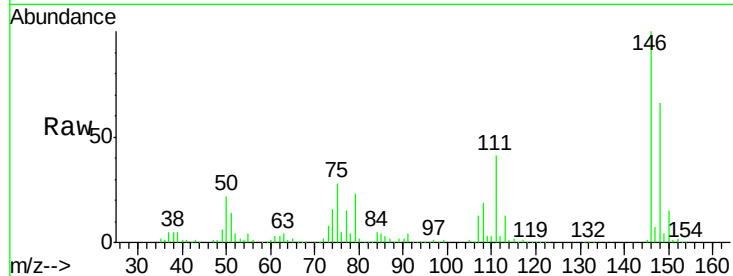




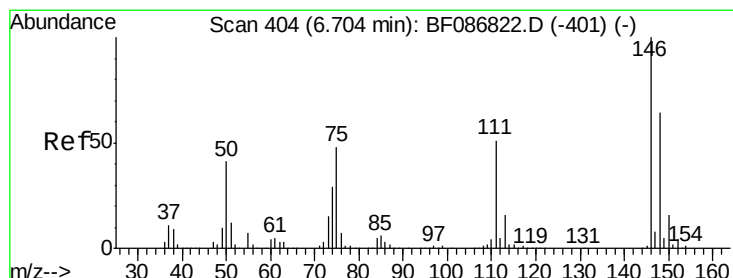
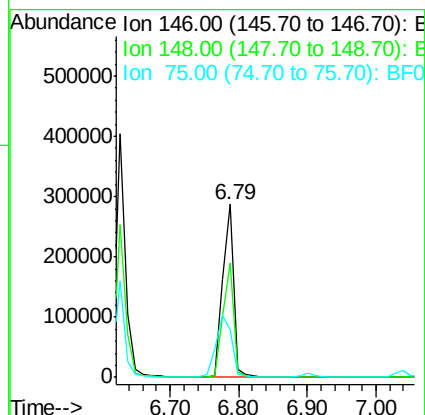
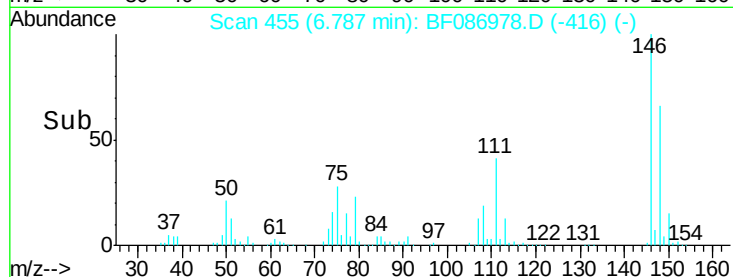
#12
 1,3-Dichlorobenzene
 Concen: 10.55 ng
 RT: 6.79 min Scan# 455
 Delta R.T. 0.15 min
 Lab File: BF086978.D
 Acq: 13 May 2016 18:38

Instrument :
 BNA_F
 ClientSampled :
 PB90587BS

Tgt Ion:146 Resp: 331829
 Ion Ratio Lower Upper
 146 100
 148 66.0 52.4 78.6
 75 27.6 22.8 34.2

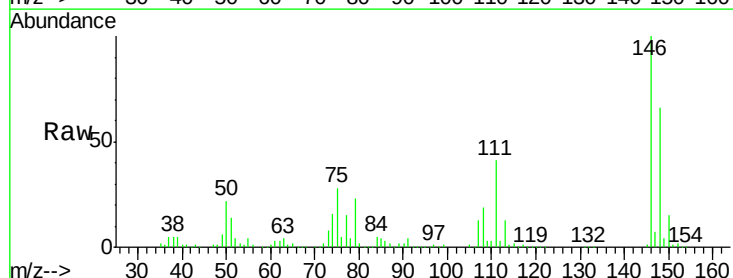


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

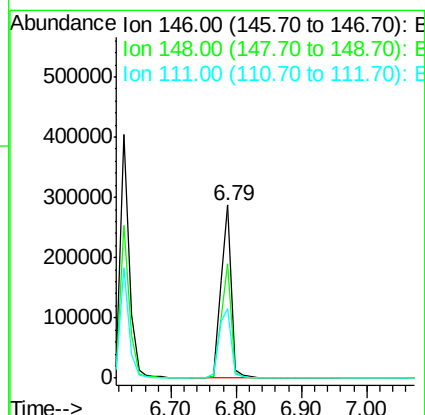
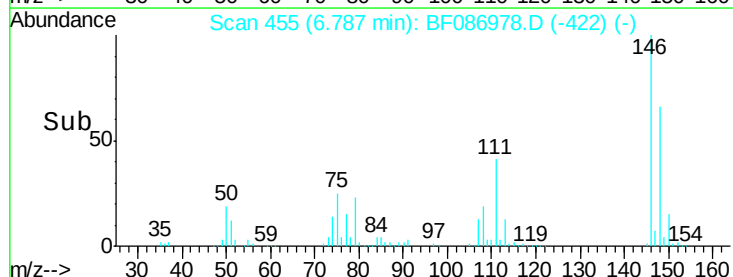


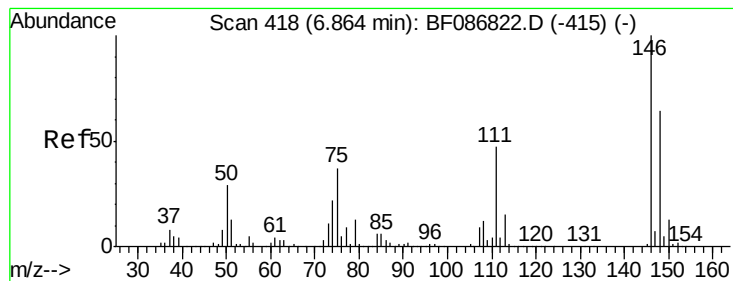
#13
 1,4-Dichlorobenzene
 Concen: 10.34 ng
 RT: 6.79 min Scan# 455
 Delta R.T. 0.08 min
 Lab File: BF086978.D
 Acq: 13 May 2016 18:38

Tgt Ion:146 Resp: 331834
 Ion Ratio Lower Upper
 146 100
 148 66.0 52.2 78.4
 111 40.5 30.7 46.1



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 11.86 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.08 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

Instrument :

BNA_F

ClientSampleId :

PB90587BS

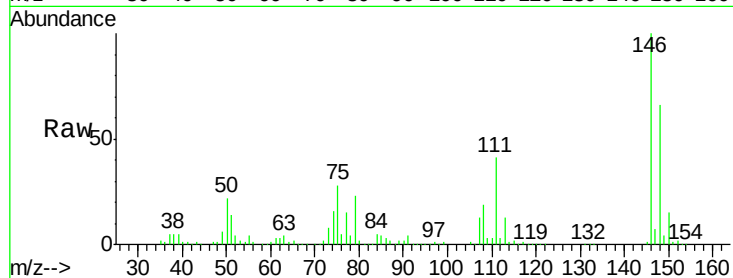
Tgt Ion:146 Resp: 331834

Ion Ratio Lower Upper

146 100

148 66.0 51.0 76.6

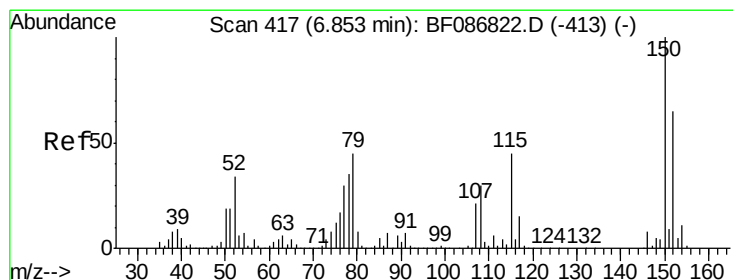
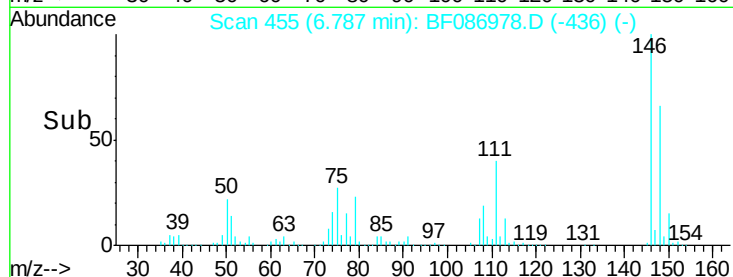
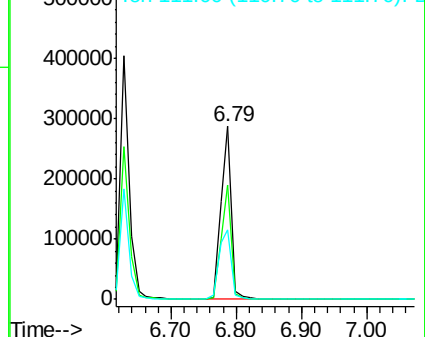
111 40.5 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 14.51 ng

RT: 6.78 min Scan# 454

Delta R.T. -0.08 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

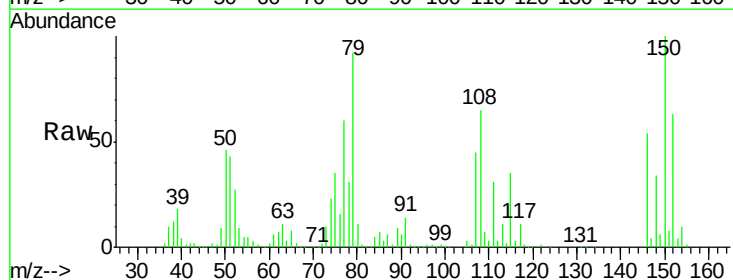
Tgt Ion: 79 Resp: 322704

Ion Ratio Lower Upper

79 100

108 71.1 68.4 102.6

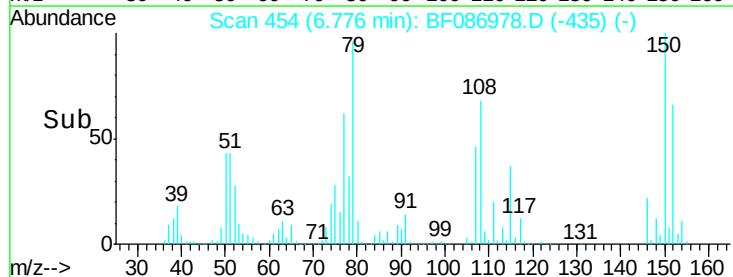
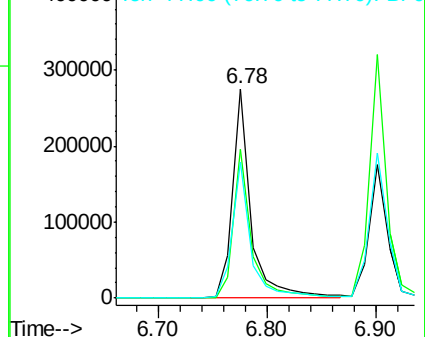
77 64.9 50.6 76.0

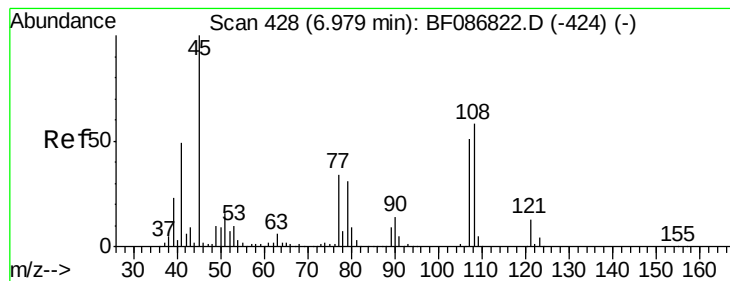


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

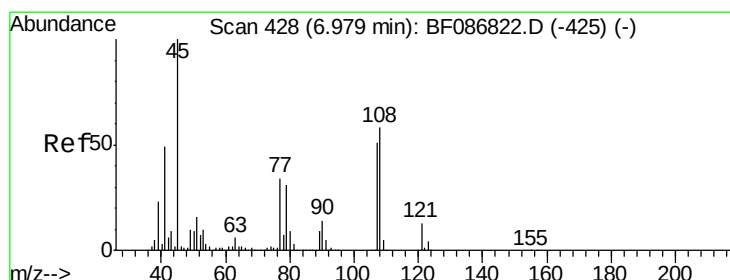
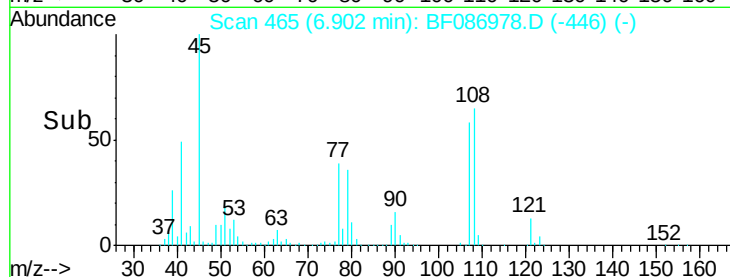
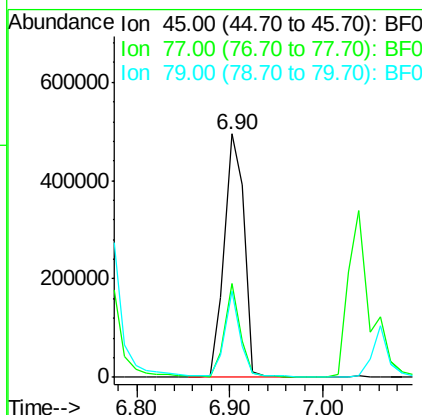
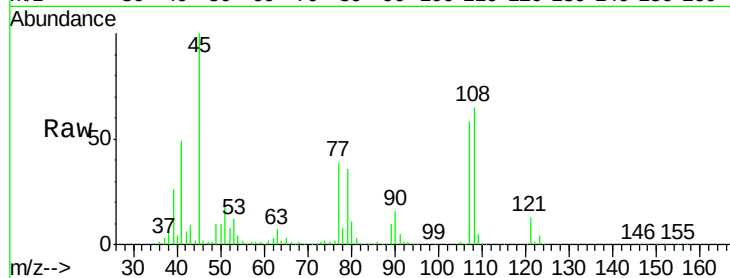




#16
2,2'-oxybis(1-chloropropane)
Concen: 11.38 ng
RT: 6.90 min Scan# 465
Delta R.T. -0.08 min
Lab File: BF086978.D
Acq: 13 May 2016 18:38

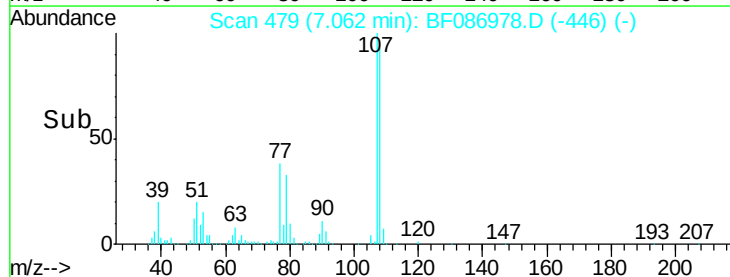
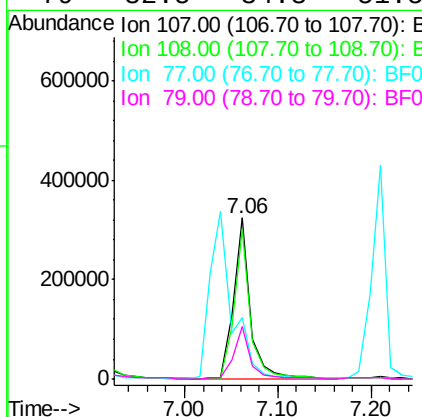
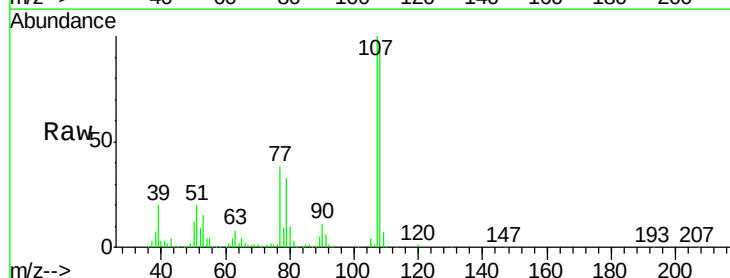
Instrument :
BNA_F
ClientSampleId :
PB90587BS

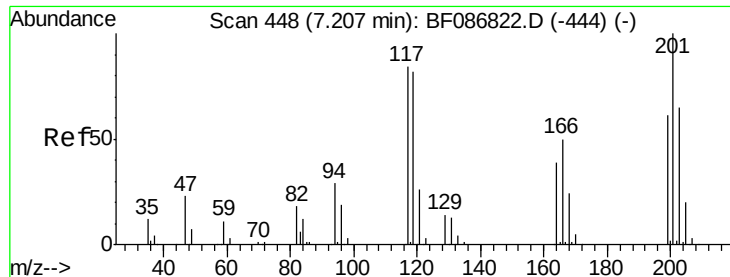
Tgt Ion: 45 Resp: 738289
Ion Ratio Lower Upper
45 100
77 38.5 0.0 36.4#
79 35.6 0.0 33.4#



#17
2-Methylphenol
Concen: 17.42 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.08 min
Lab File: BF086978.D
Acq: 13 May 2016 18:38

Tgt Ion: 107 Resp: 403010
Ion Ratio Lower Upper
107 100
108 92.7 93.7 140.5#
77 37.9 33.4 50.0
79 32.5 34.3 51.5#

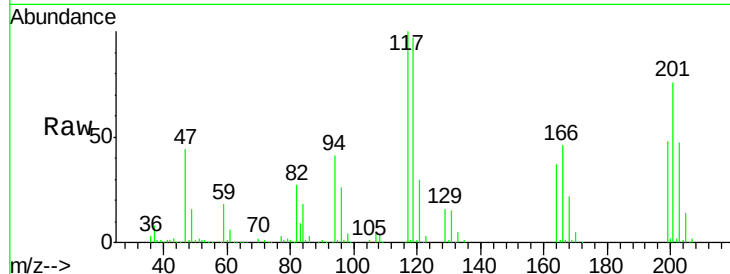




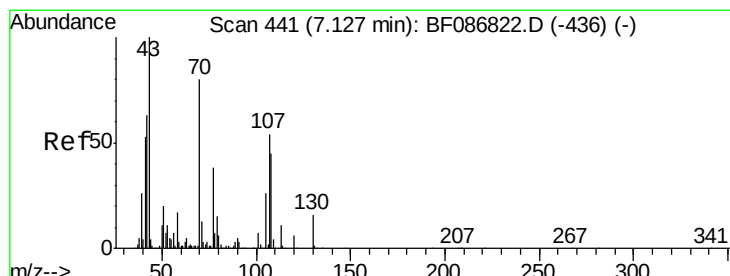
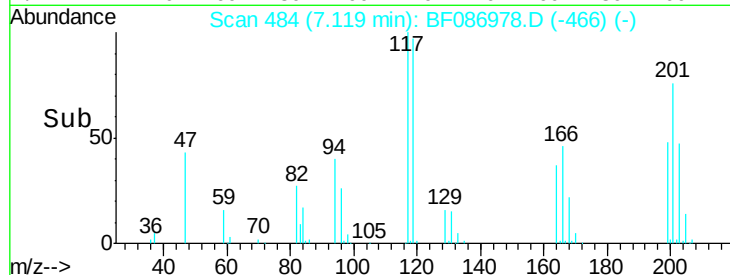
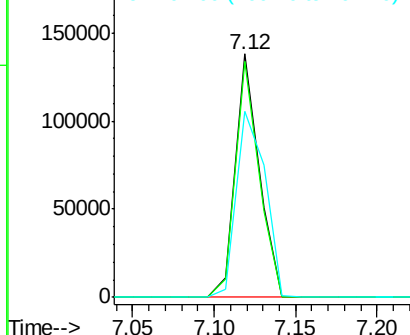
#18
Hexachloroethane
Concen: 11.44 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.09 min
Lab File: BF086978.D
Acq: 13 May 2016 18:38

Instrument :
BNA_F
ClientSampleId :
PB90587BS

Tgt Ion: 117 Resp: 138110
Ion Ratio Lower Upper
117 100
119 96.8 76.5 114.7
201 76.2 63.0 94.6

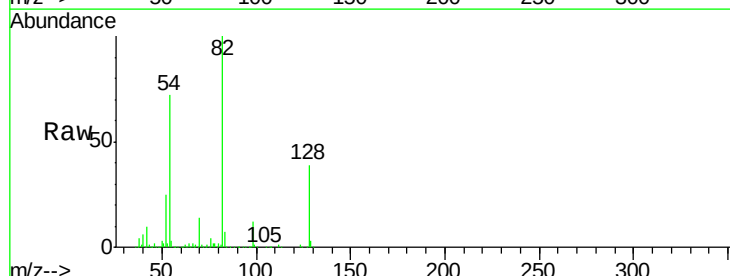


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

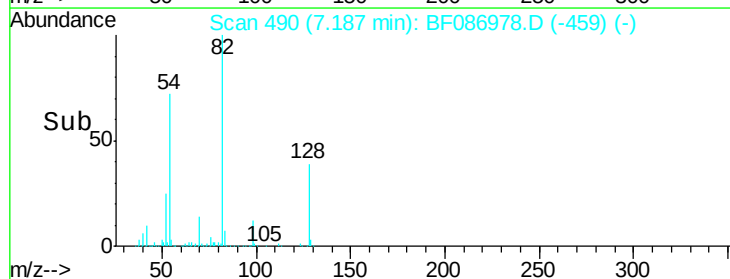
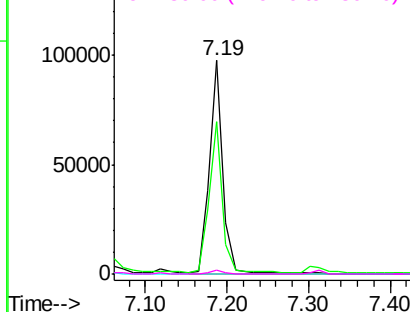


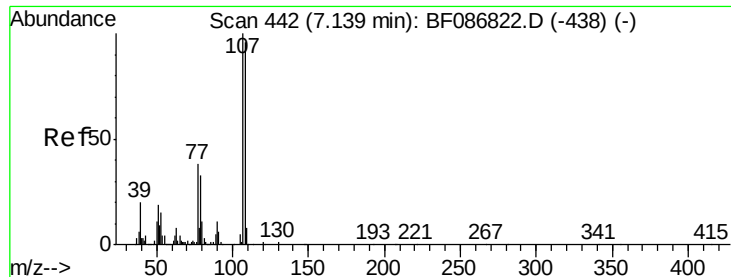
#19
n-Nitroso-di-n-propylamine
Concen: 5.09 ng
RT: 7.19 min Scan# 490
Delta R.T. 0.06 min
Lab File: BF086978.D
Acq: 13 May 2016 18:38

Tgt Ion: 70 Resp: 114540
Ion Ratio Lower Upper
70 100
42 71.4 43.1 64.7#
101 0.0 8.1 12.1#
130 1.8 18.6 28.0#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 13.34 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.08 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

Instrument :

BNA_F

ClientSampleId :

PB90587BS

Tgt Ion:107 Resp: 403010

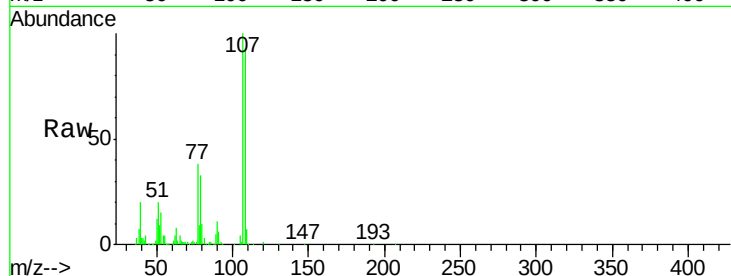
Ion Ratio Lower Upper

107 100

108 92.7 68.5 108.5

77 37.9 101.6 141.6#

79 32.5 7.4 47.4

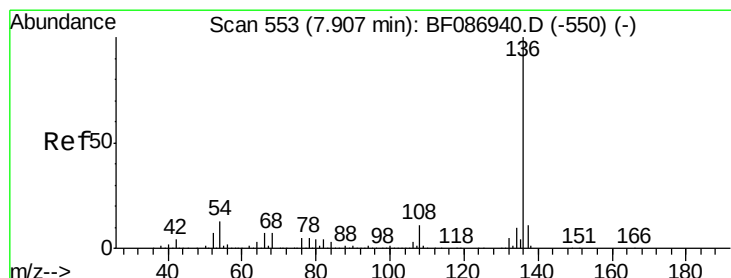
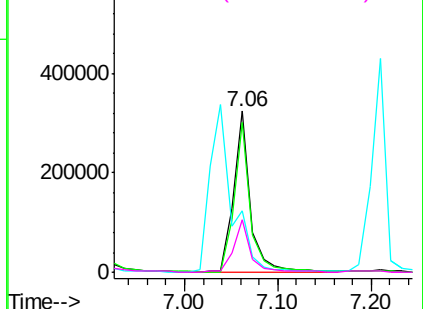
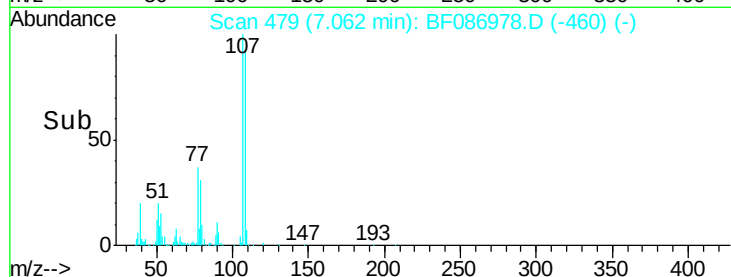


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.08 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

Tgt Ion:136 Resp: 591333

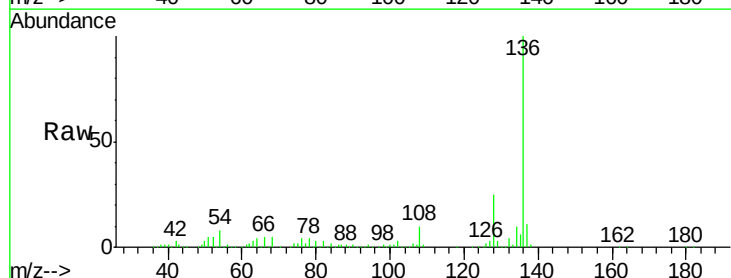
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 8.4 5.0 7.4#

68 4.7 4.4 6.6

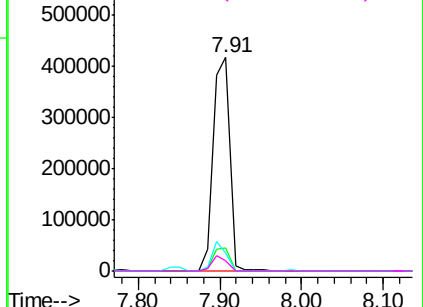
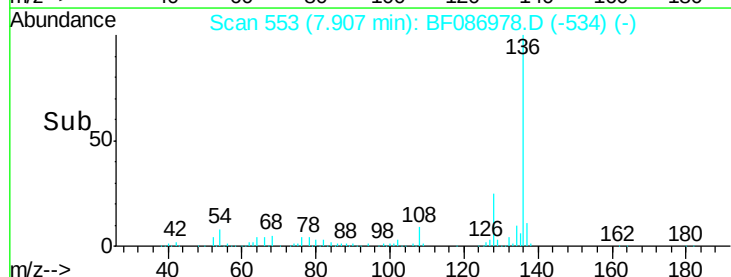


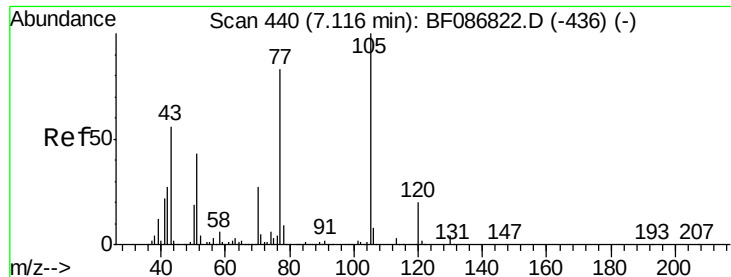
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

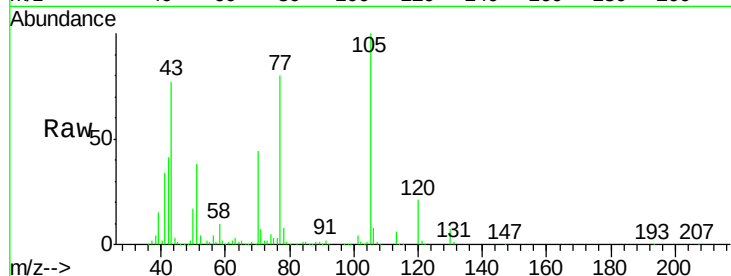




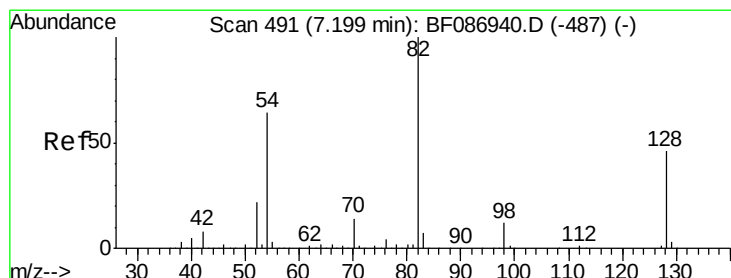
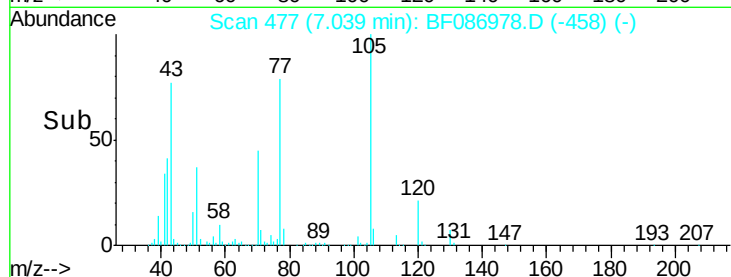
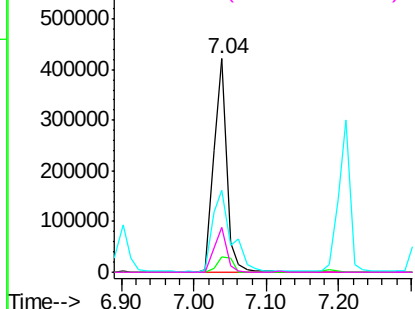
#22
Acetophenone
Concen: 37.34 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.08 min
Lab File: BF086978.D
Acq: 13 May 2016 18:38

Instrument :
BNA_F
ClientSampleId :
PB90587BS

Tgt Ion: 105 Resp: 521485
Ion Ratio Lower Upper
105 100
71 7.4 4.8 7.2#
51 38.4 32.6 49.0
120 21.0 16.5 24.7

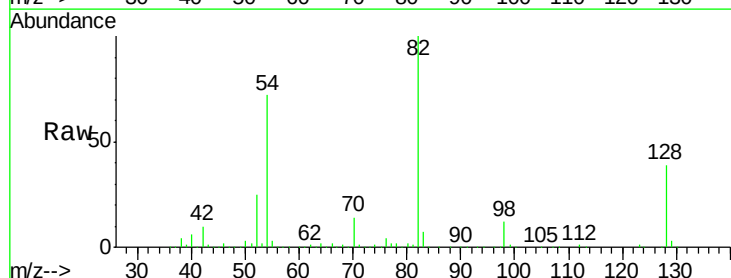


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

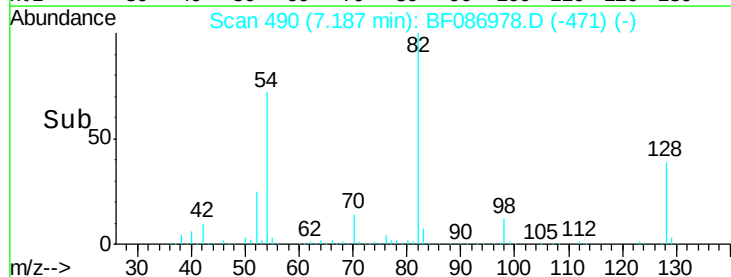
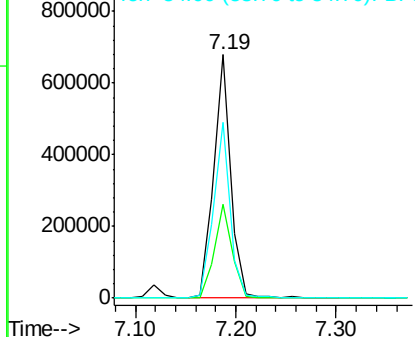


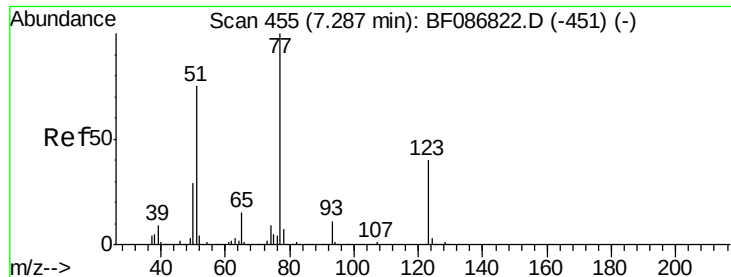
#23
Nitrobenzene-d5
Concen: 68.64 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.08 min
Lab File: BF086978.D
Acq: 13 May 2016 18:38

Tgt Ion: 82 Resp: 808385
Ion Ratio Lower Upper
82 100
128 38.8 40.6 61.0#
54 72.2 38.1 57.1#



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

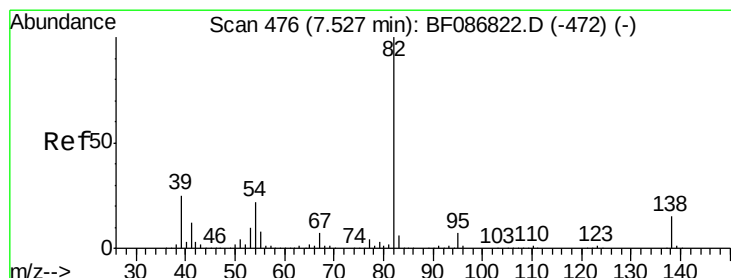
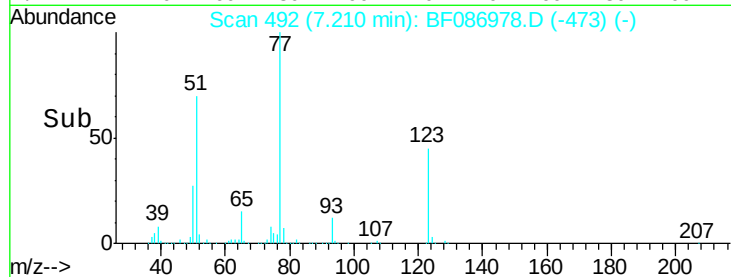
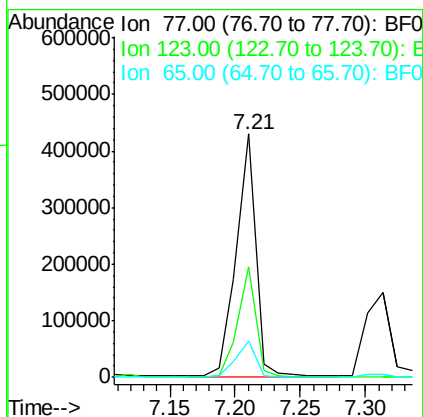
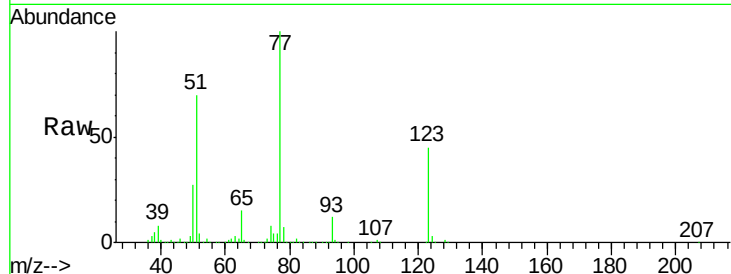




#24
 Nitrobenzene
 Concen: 36.99 ng
 RT: 7.21 min Scan# 492
 Delta R.T. -0.08 min
 Lab File: BF086978.D
 Acq: 13 May 2016 18:38

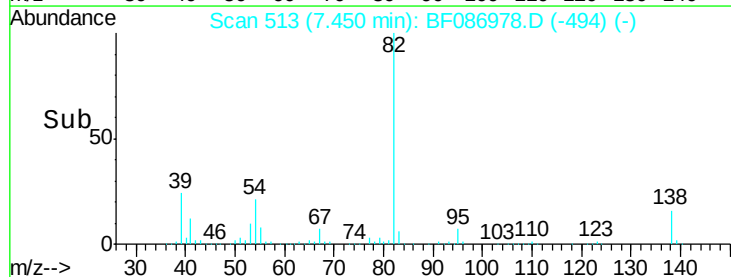
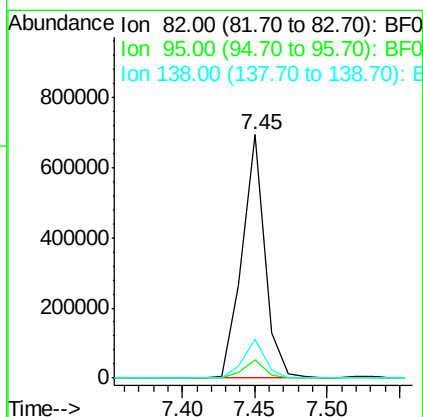
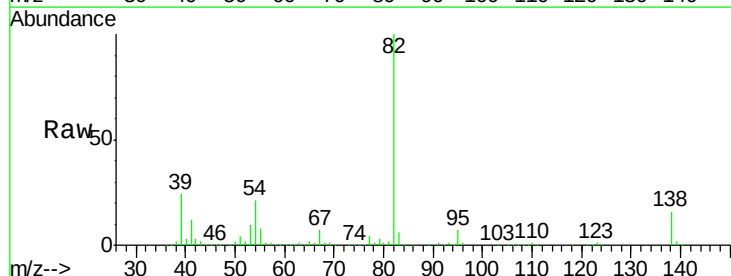
Instrument :
 BNA_F
 ClientSampleId :
 PB90587BS

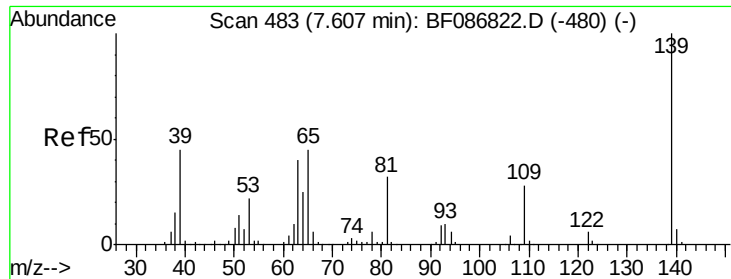
Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.2	33.0	49.4
65	14.7	10.8	16.2



#25
 Isophorone
 Concen: 34.80 ng
 RT: 7.45 min Scan# 513
 Delta R.T. -0.08 min
 Lab File: BF086978.D
 Acq: 13 May 2016 18:38

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.1	7.7
138	15.7	12.4	18.6

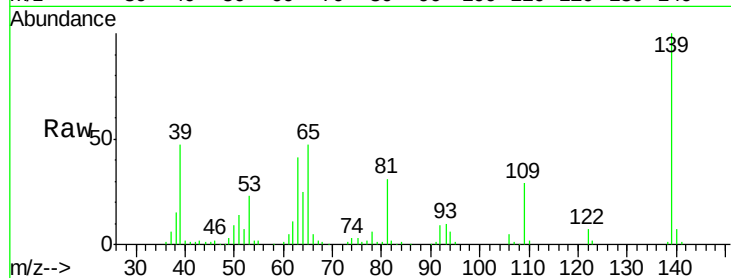




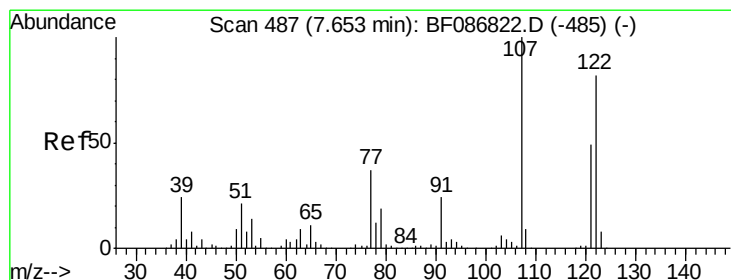
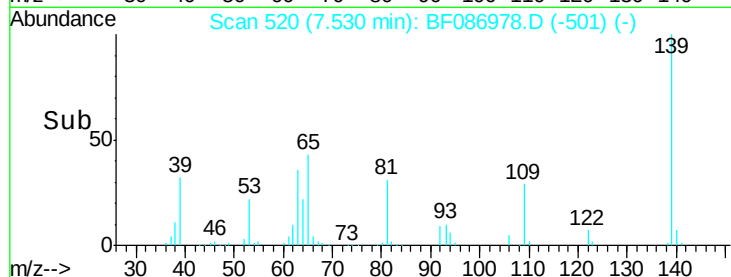
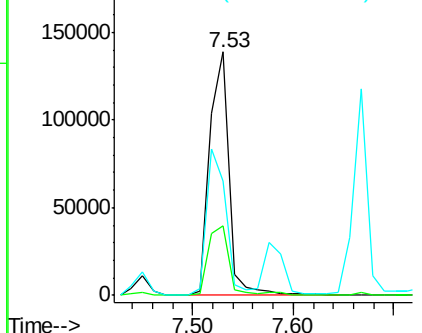
#26
 2-Nitrophenol
 Concen: 34.94 ng
 RT: 7.53 min Scan# 520
 Delta R.T. -0.08 min
 Lab File: BF086978.D
 Acq: 13 May 2016 18:38

Instrument :
 BNA_F
 ClientSampleId :
 PB90587BS

Tgt Ion:139 Resp: 186033
 Ion Ratio Lower Upper
 139 100
 109 28.5 19.5 29.3
 65 47.1 37.5 56.3

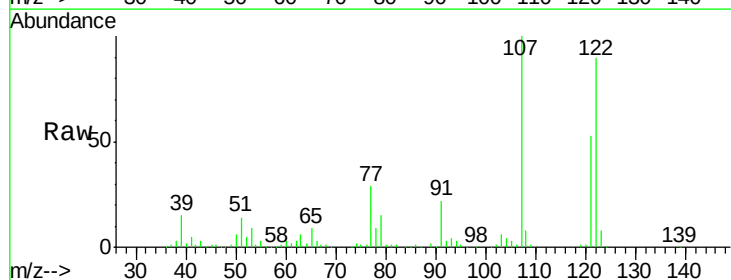


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): E

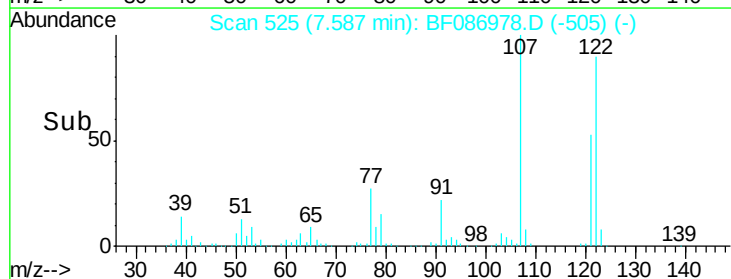
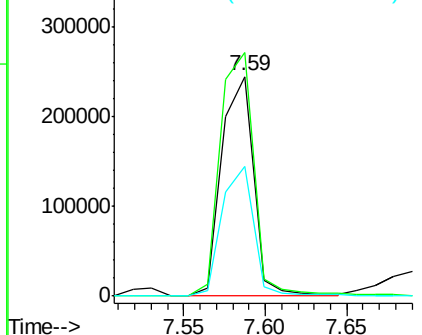


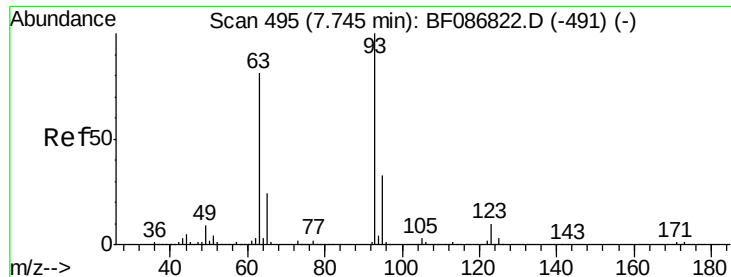
#27
 2,4-Dimethylphenol
 Concen: 36.50 ng
 RT: 7.59 min Scan# 525
 Delta R.T. -0.07 min
 Lab File: BF086978.D
 Acq: 13 May 2016 18:38

Tgt Ion:122 Resp: 331112
 Ion Ratio Lower Upper
 122 100
 107 110.8 82.0 123.0
 121 59.1 46.1 69.1



Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

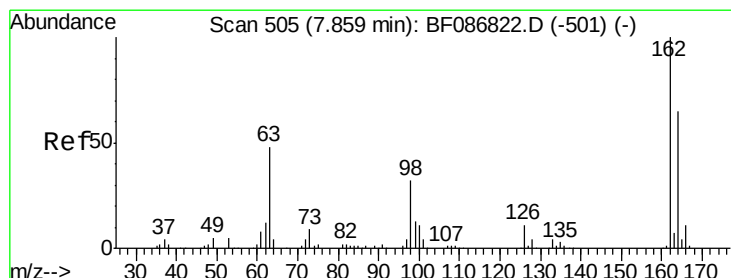
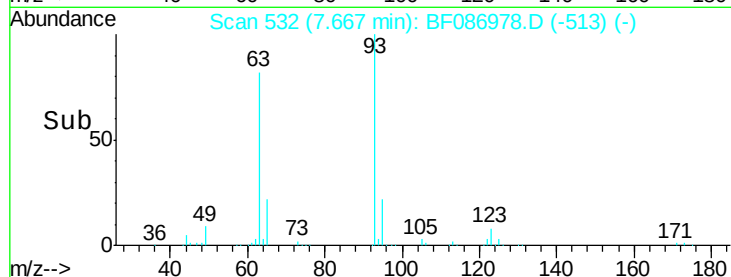
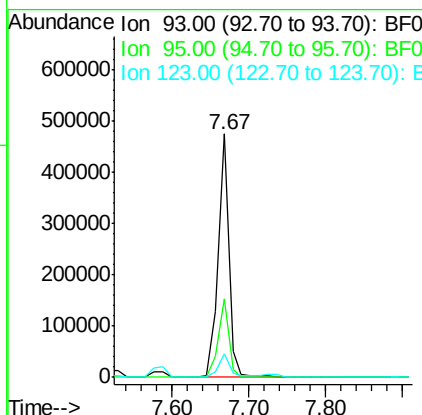
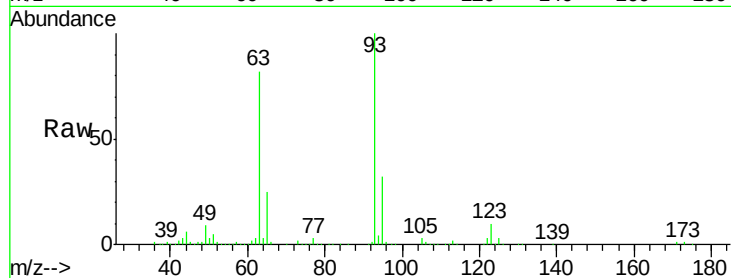




#28
 bis(2-Chloroethoxy)methane
 Concen: 39.09 ng
 RT: 7.67 min Scan# 532
 Delta R.T. -0.08 min
 Lab File: BF086978.D
 Acq: 13 May 2016 18:38

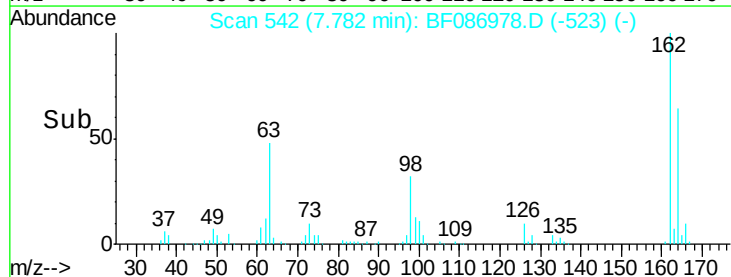
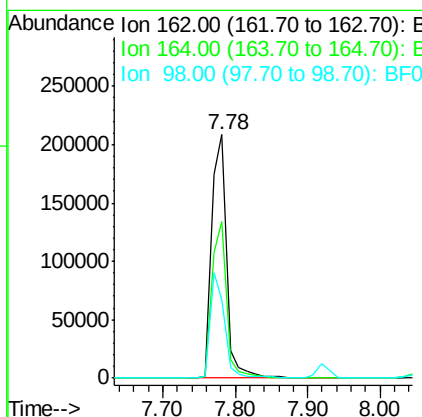
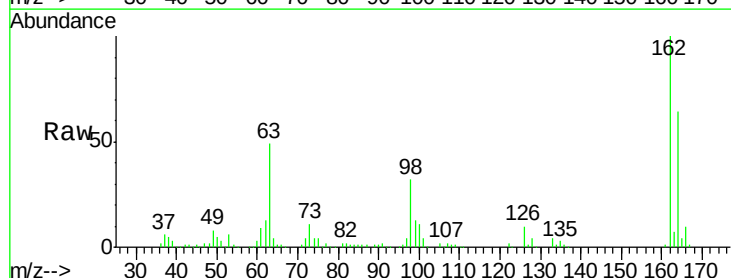
Instrument :
 BNA_F
 ClientSampleId :
 PB90587BS

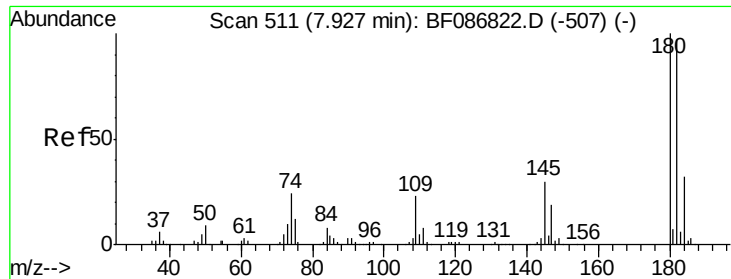
Tgt Ion: 93 Resp: 460662
 Ion Ratio Lower Upper
 93 100
 95 32.2 26.0 39.0
 123 9.9 9.5 14.3



#29
 2,4-Dichlorophenol
 Concen: 37.42 ng
 RT: 7.78 min Scan# 542
 Delta R.T. -0.08 min
 Lab File: BF086978.D
 Acq: 13 May 2016 18:38

Tgt Ion: 162 Resp: 298742
 Ion Ratio Lower Upper
 162 100
 164 64.3 42.2 82.2
 98 32.0 19.0 59.0

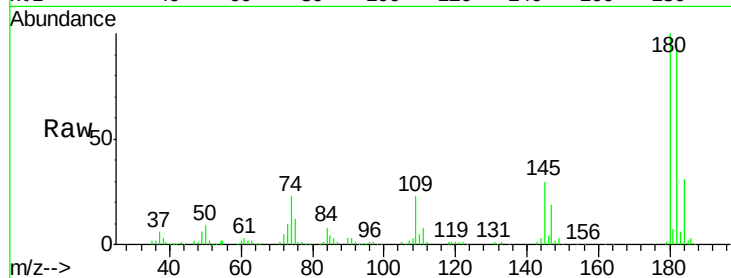




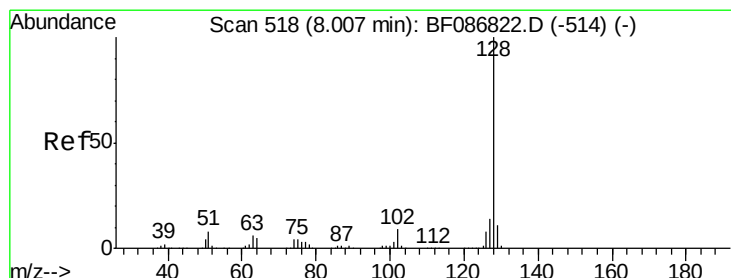
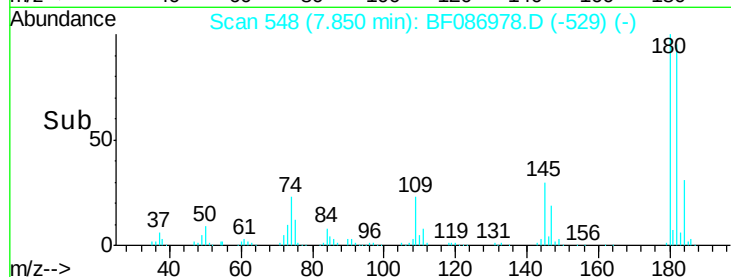
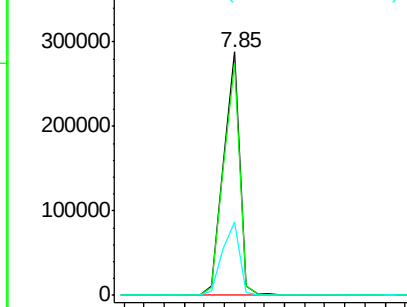
#30
 1,2,4-Trichlorobenzene
 Concen: 36.08 ng
 RT: 7.85 min Scan# 548
 Delta R.T. -0.08 min
 Lab File: BF086978.D
 Acq: 13 May 2016 18:38

Instrument :
 BNA_F
 ClientSampleId :
 PB90587BS

Tgt Ion:180 Resp: 322114
 Ion Ratio Lower Upper
 180 100
 182 95.3 78.0 117.0
 145 29.9 24.2 36.2

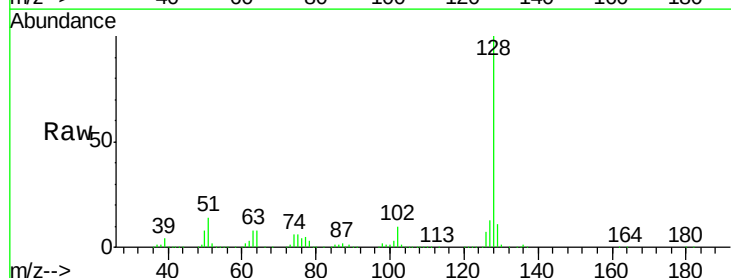


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

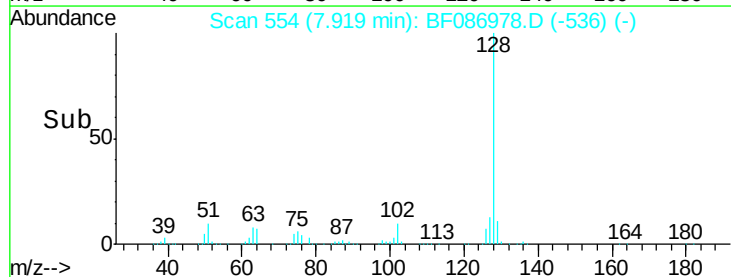
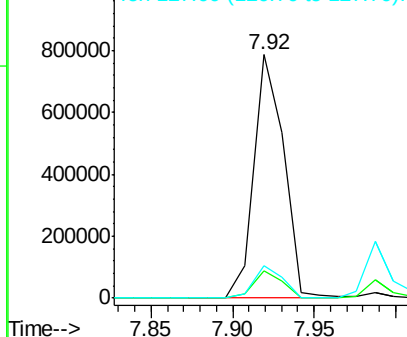


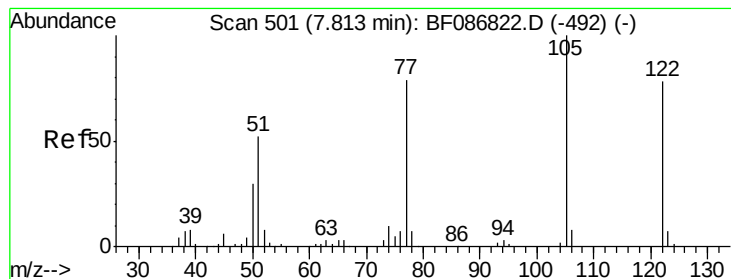
#31
 Naphthalene
 Concen: 33.79 ng
 RT: 7.92 min Scan# 554
 Delta R.T. -0.09 min
 Lab File: BF086978.D
 Acq: 13 May 2016 18:38

Tgt Ion:128 Resp: 1000851
 Ion Ratio Lower Upper
 128 100
 129 11.4 8.6 13.0
 127 13.2 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: 36.99 ng

RT: 7.74 min Scan# 538

Delta R.T. -0.08 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

Instrument :

BNA_F

ClientSampleId :

PB90587BS

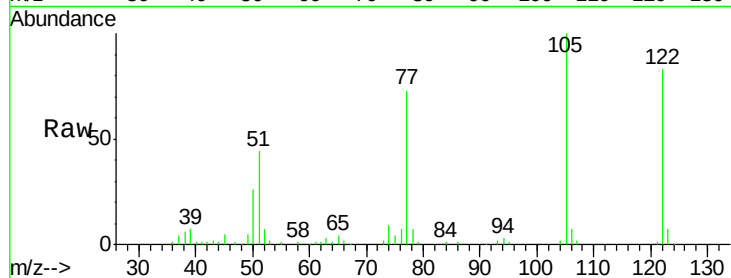
Tgt Ion:122 Resp: 197051

Ion Ratio Lower Upper

122 100

105 120.8 92.6 132.6

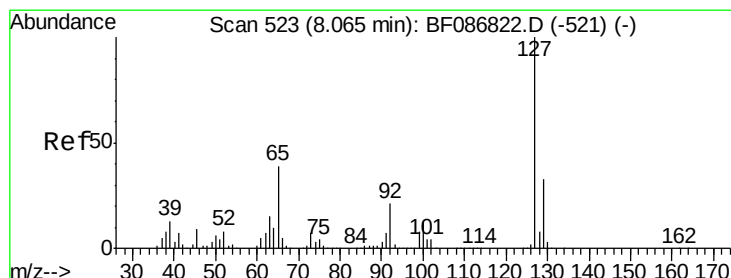
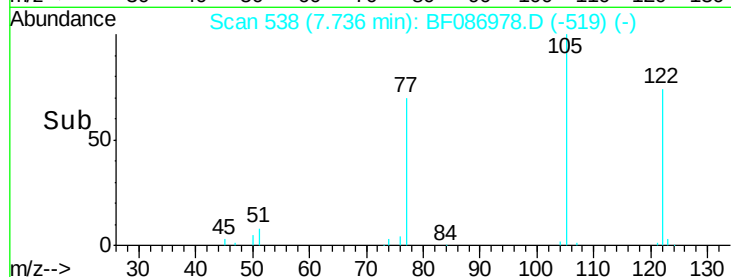
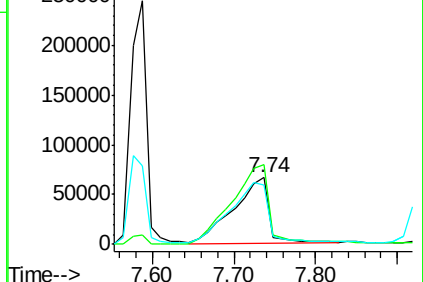
77 88.7 60.0 100.0



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: 18.69 ng

RT: 7.99 min Scan# 560

Delta R.T. -0.08 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

Tgt Ion:127 Resp: 215057

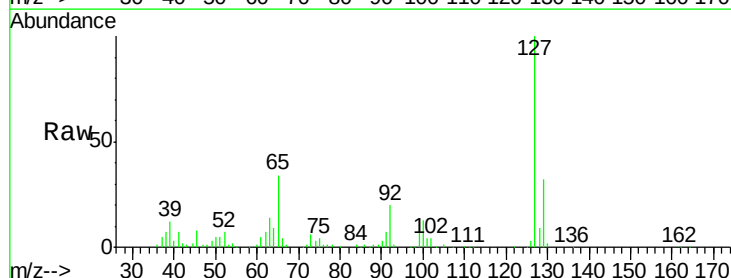
Ion Ratio Lower Upper

127 100

129 32.3 26.2 39.4

65 34.4 23.0 34.4

92 20.4 15.1 22.7

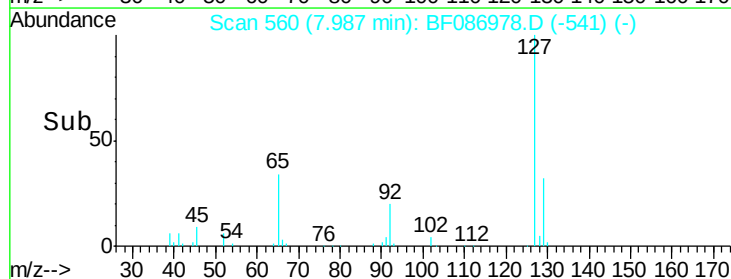
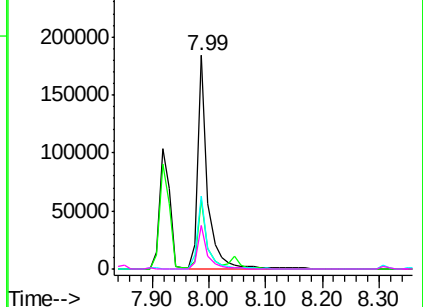


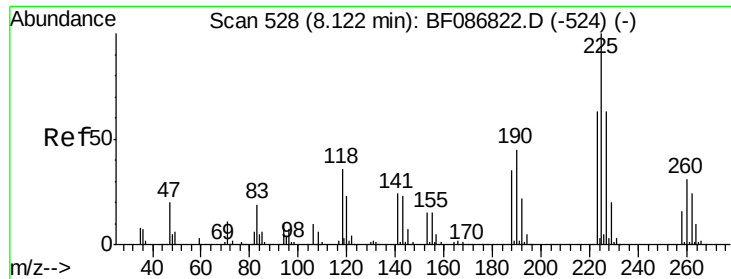
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

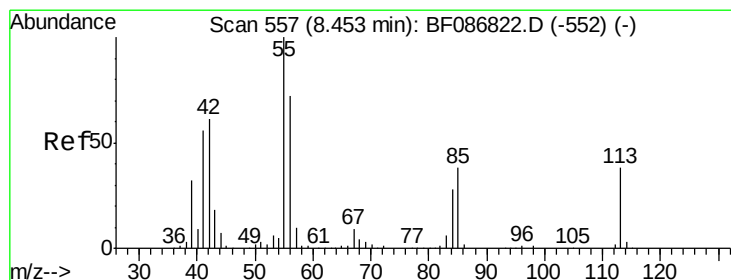
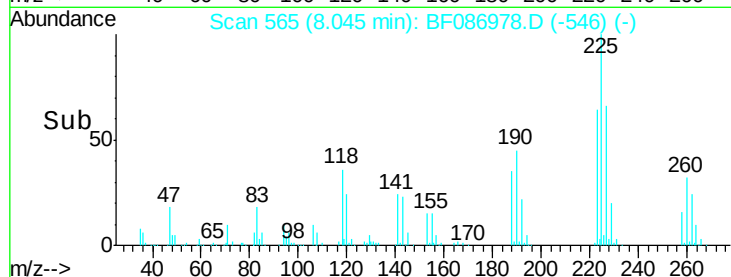
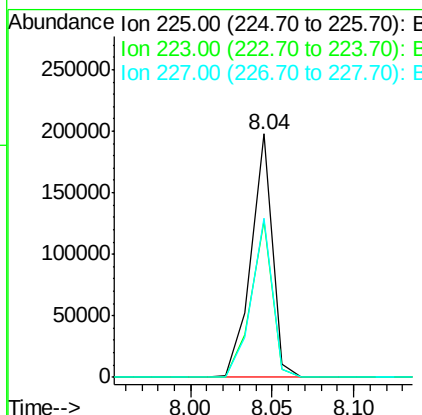
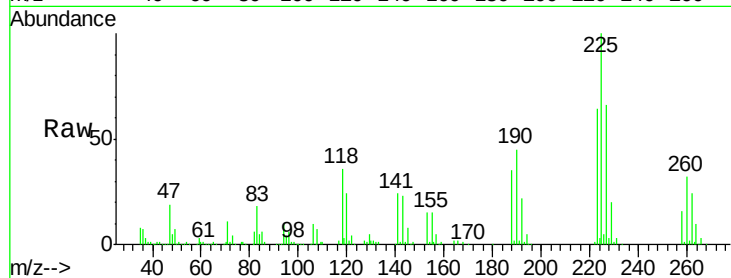




#34
Hexachlorobutadiene
Concen: 34.73 ng
RT: 8.04 min Scan# 565
Delta R.T. -0.08 min
Lab File: BF086978.D
Acq: 13 May 2016 18:38

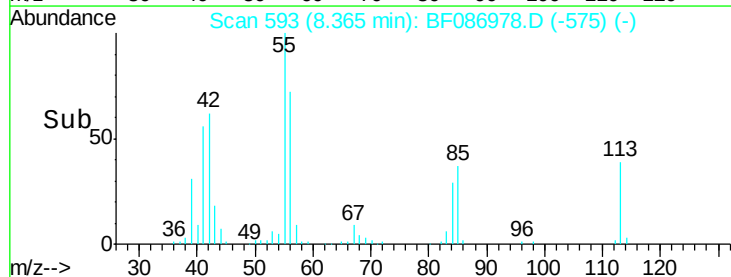
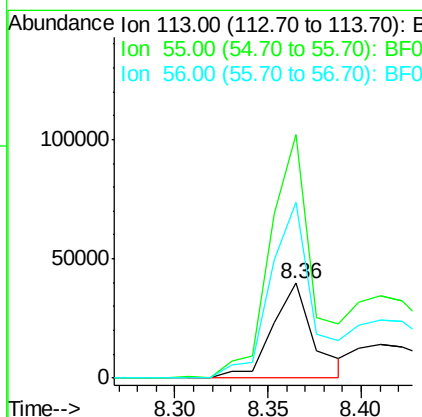
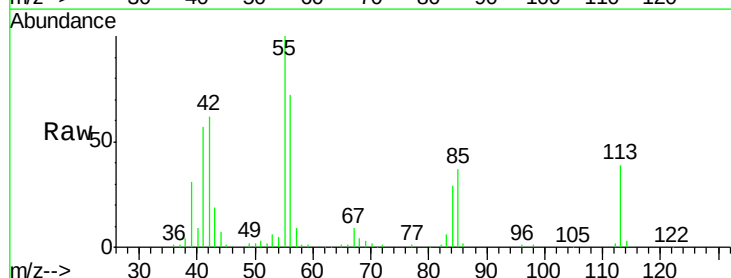
Instrument :
BNA_F
ClientSampleId :
PB90587BS

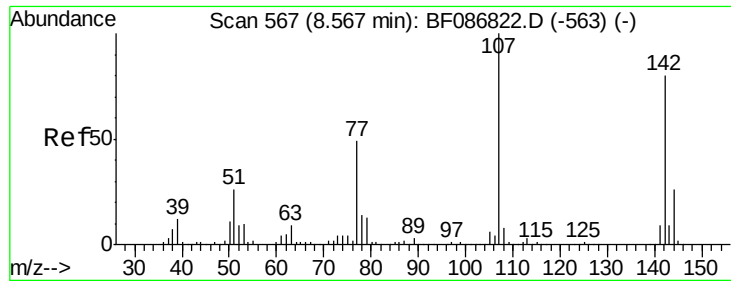
Tgt Ion: 225 Resp: 179887
Ion Ratio Lower Upper
225 100
223 64.5 51.5 77.3
227 65.5 52.2 78.2



#35
Caprolactam
Concen: 22.32 ng
RT: 8.36 min Scan# 593
Delta R.T. -0.09 min
Lab File: BF086978.D
Acq: 13 May 2016 18:38

Tgt Ion: 113 Resp: 60618
Ion Ratio Lower Upper
113 100
55 256.0 162.0 202.0#
56 184.3 115.3 155.3#

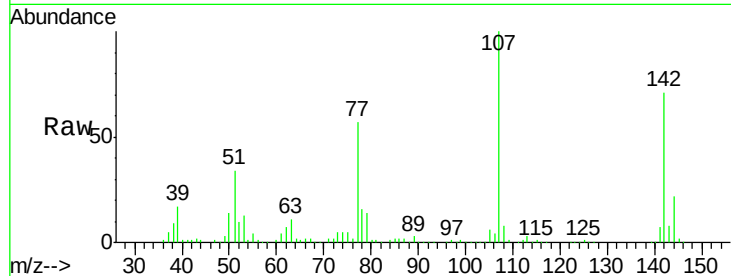




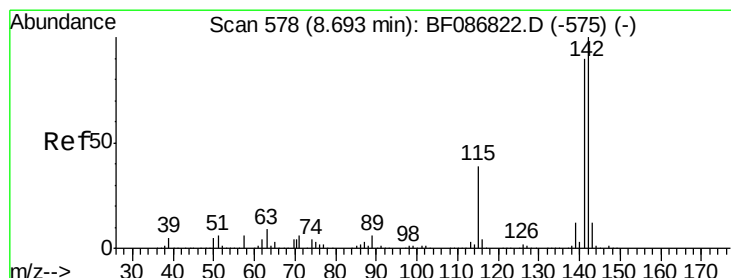
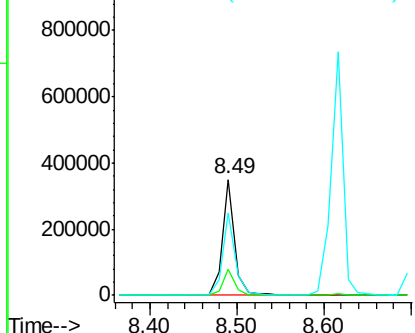
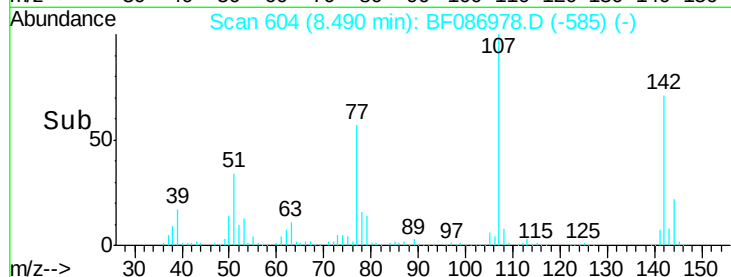
#36
 4-Chloro-3-methylphenol
 Concen: 36.52 ng
 RT: 8.49 min Scan# 604
 Delta R.T. -0.08 min
 Lab File: BF086978.D
 Acq: 13 May 2016 18:38

Instrument :
 BNA_F
 ClientSampled :
 PB90587BS

Tgt Ion:107 Resp: 353616
 Ion Ratio Lower Upper
 107 100
 144 22.2 20.7 31.1
 142 70.9 63.2 94.8

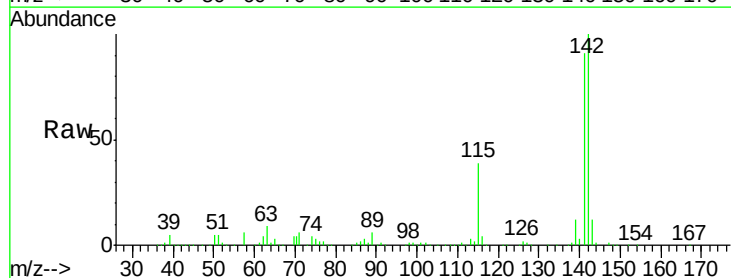


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

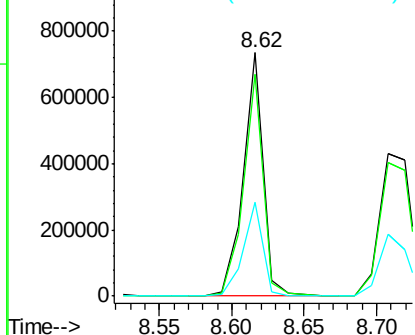
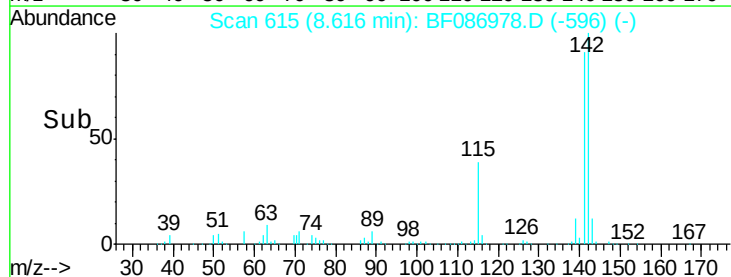


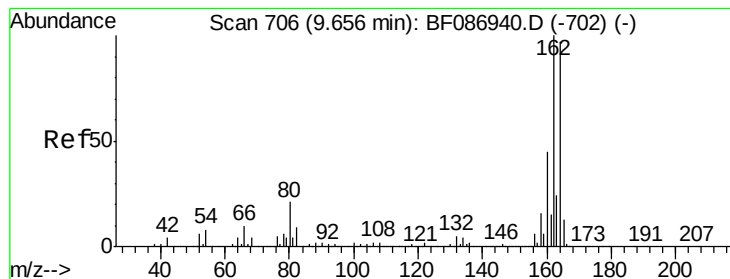
#37
 2-Methylnaphthalene
 Concen: 40.49 ng
 RT: 8.62 min Scan# 615
 Delta R.T. -0.08 min
 Lab File: BF086978.D
 Acq: 13 May 2016 18:38

Tgt Ion:142 Resp: 701075
 Ion Ratio Lower Upper
 142 100
 141 91.1 71.0 106.6
 115 38.8 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: 9.66 min Scan# 706

Delta R.T. -0.08 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

Instrument :

BNA_F

ClientSampleId :

PB90587BS

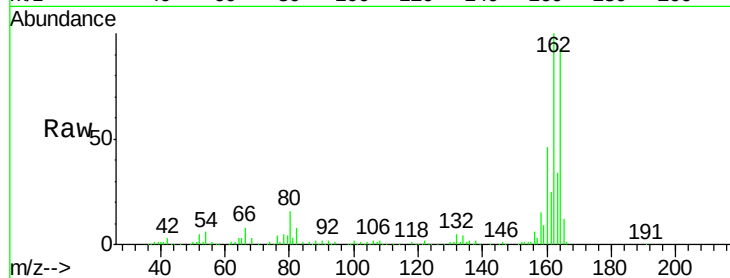
Tgt Ion:164 Resp: 301793

Ion Ratio Lower Upper

164 100

162 107.6 82.8 124.2

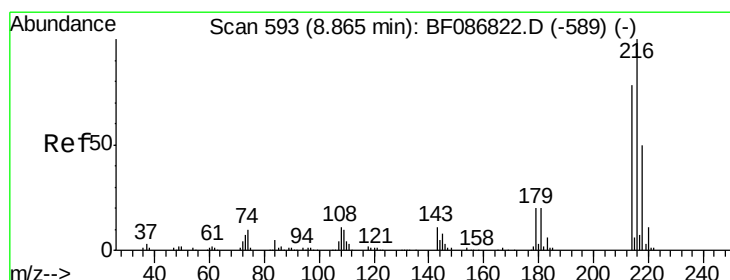
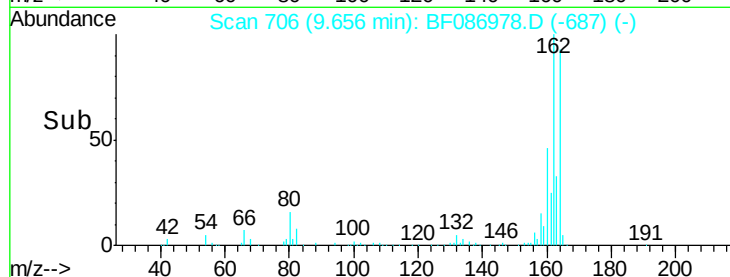
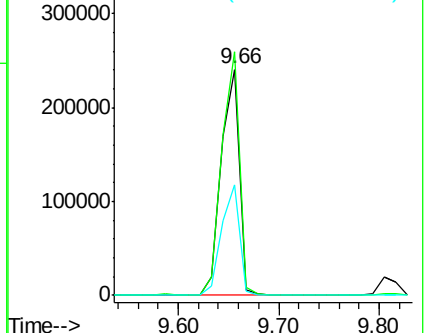
160 49.0 36.9 55.3



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: 32.84 ng

RT: 8.79 min Scan# 630

Delta R.T. -0.08 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

Tgt Ion:216 Resp: 288149

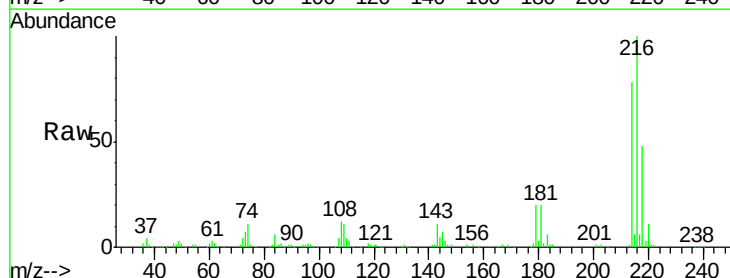
Ion Ratio Lower Upper

216 100

214 80.2 62.6 93.8

179 23.3 18.2 27.4

108 24.0 17.5 26.3

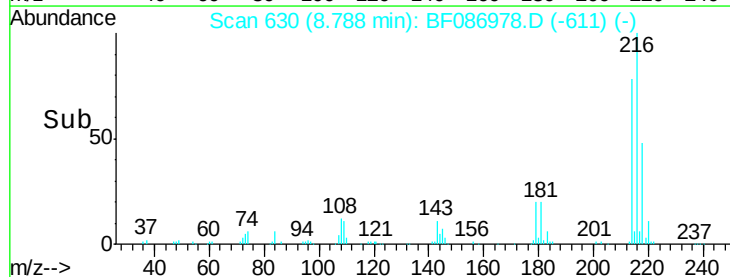
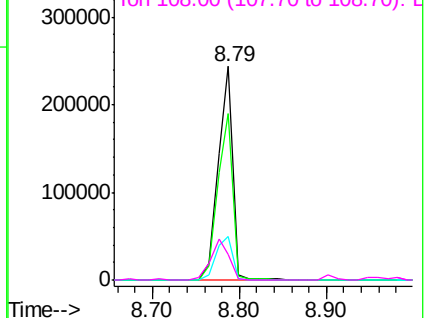


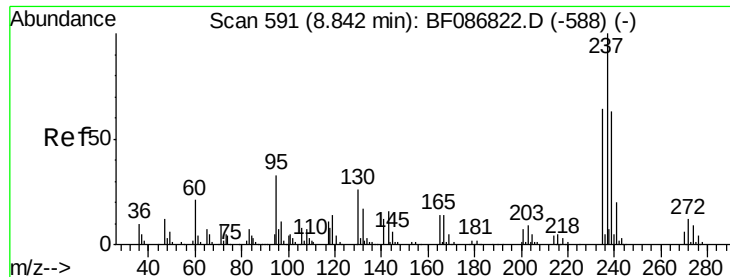
Abundance Ion 216.00 (215.70 to 216.70): E

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: 63.18 ng

RT: 8.76 min Scan# 628

Delta R.T. -0.08 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

Instrument :

BNA_F

ClientSampleId :

PB90587BS

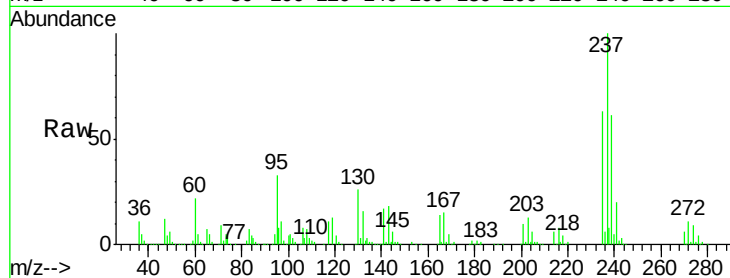
Tgt Ion:237 Resp: 263124

Ion Ratio Lower Upper

237 100

235 62.9 47.2 87.2

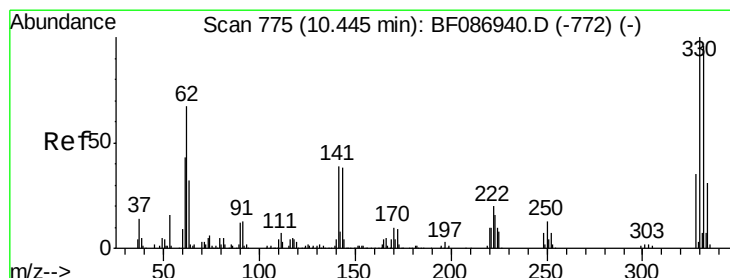
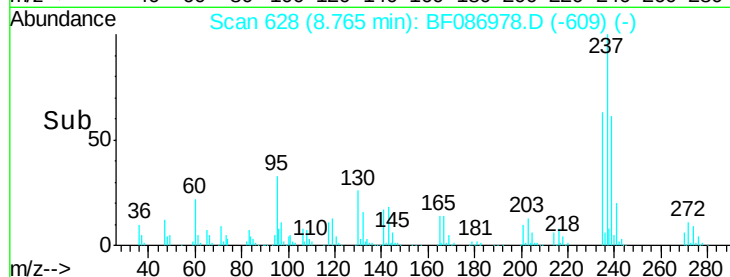
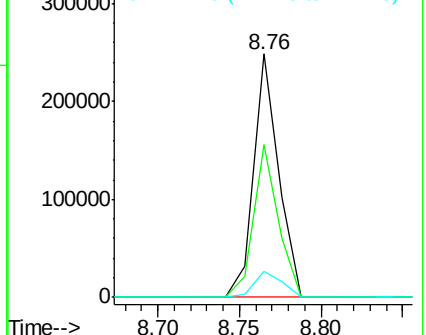
272 10.9 0.0 31.1



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: 118.93 ng

RT: 10.44 min Scan# 775

Delta R.T. -0.08 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

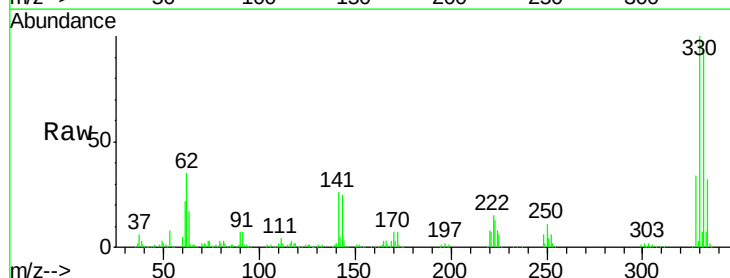
Tgt Ion:330 Resp: 379987

Ion Ratio Lower Upper

330 100

332 93.8 79.0 118.4

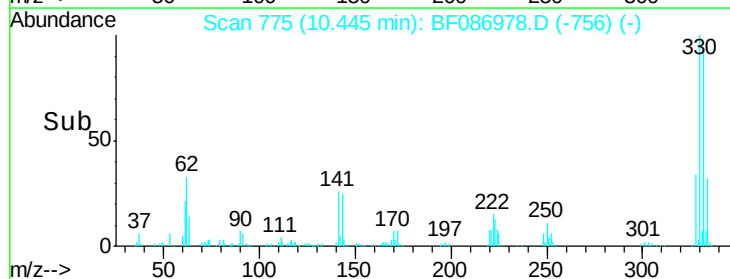
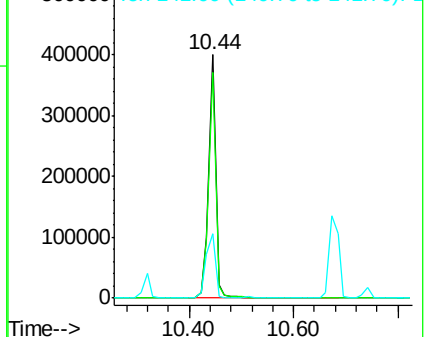
141 34.8 31.2 46.8

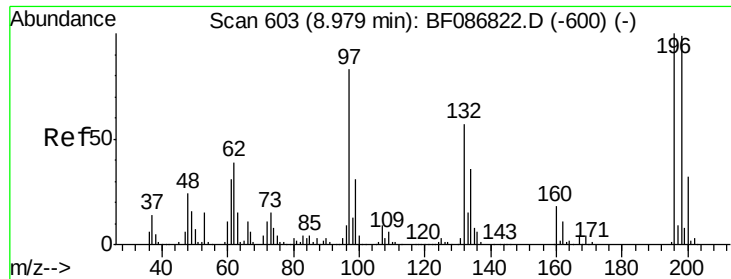


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

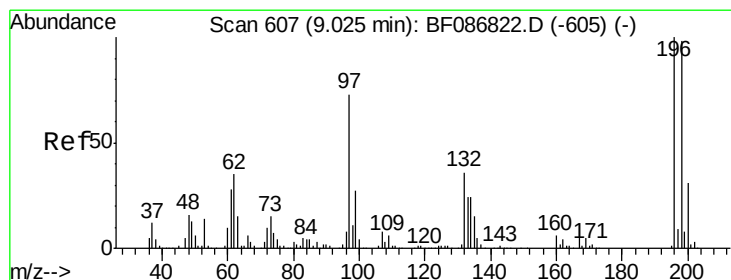
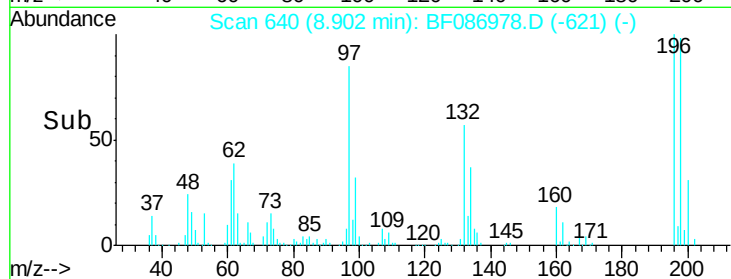
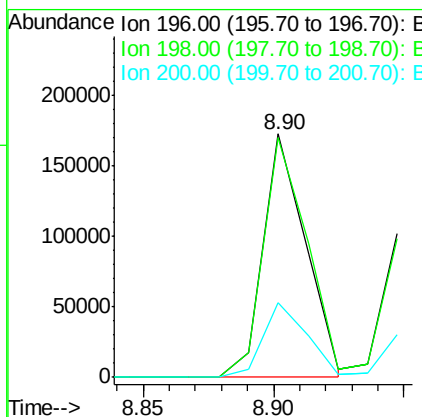
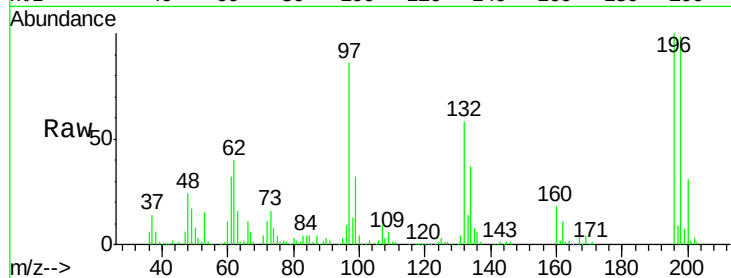




#42
 2,4,6-Trichlorophenol
 Concen: 33.10 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.08 min
 Lab File: BF086978.D
 Acq: 13 May 2016 18:38

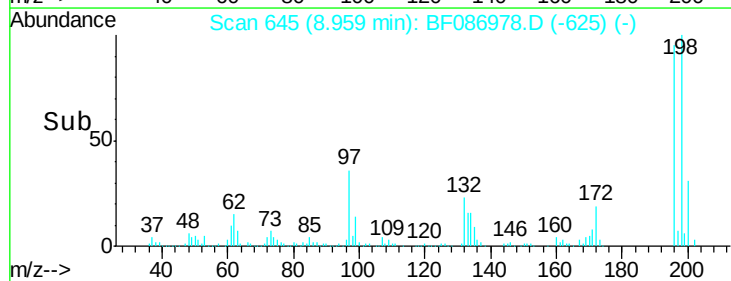
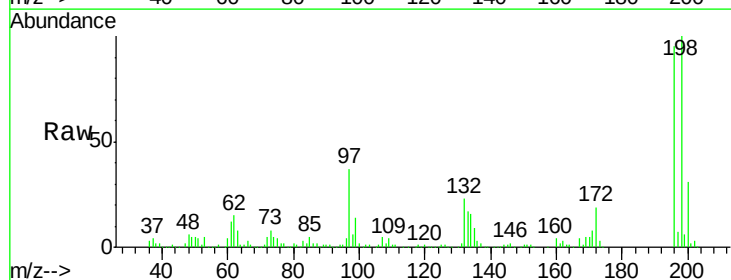
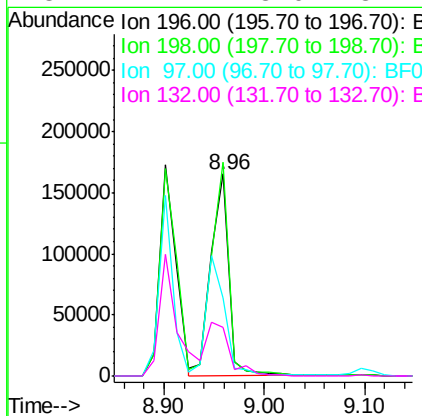
Instrument :
 BNA_F
 ClientSampleId :
 PB90587BS

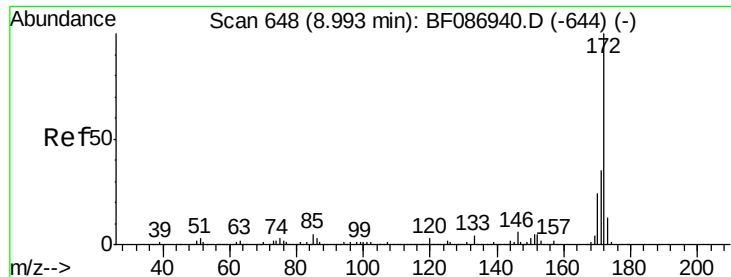
Tgt Ion:196 Resp: 194232
 Ion Ratio Lower Upper
 196 100
 198 98.4 74.7 112.1
 200 30.9 23.8 35.6



#43
 2,4,5-Trichlorophenol
 Concen: 33.70 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.07 min
 Lab File: BF086978.D
 Acq: 13 May 2016 18:38

Tgt Ion:196 Resp: 204477
 Ion Ratio Lower Upper
 196 100
 198 105.7 77.5 116.3
 97 38.8 34.8 52.2
 132 24.1 23.0 34.4





#44

2-Fluorobiphenyl

Concen: 72.68 ng

RT: 8.98 min Scan# 647

Delta R.T. -0.08 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

Instrument :

BNA_F

ClientSampleId :

PB90587BS

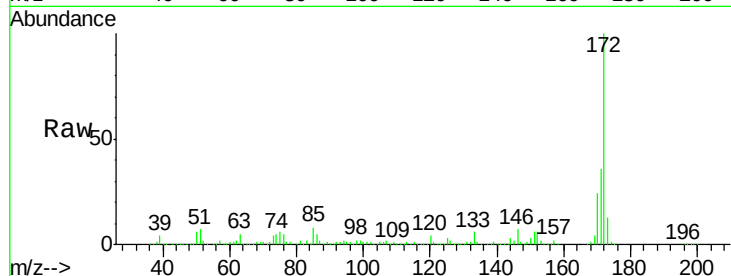
Tgt Ion:172 Resp: 1305083

Ion Ratio Lower Upper

172 100

171 36.0 29.0 43.6

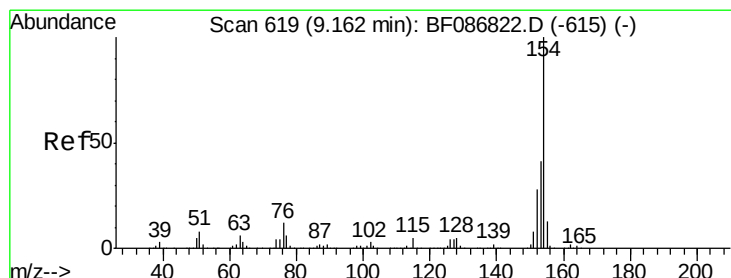
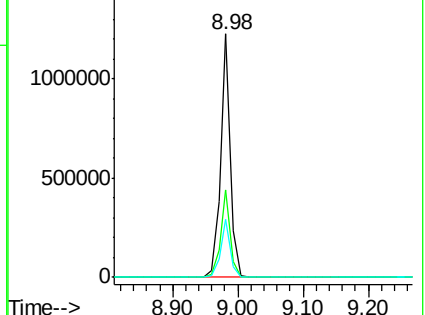
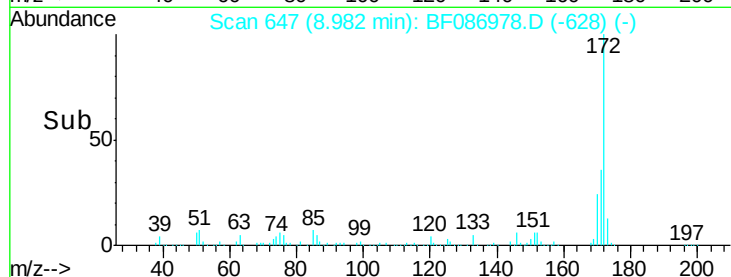
170 23.9 19.8 29.8



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: 36.89 ng

RT: 9.08 min Scan# 656

Delta R.T. -0.08 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

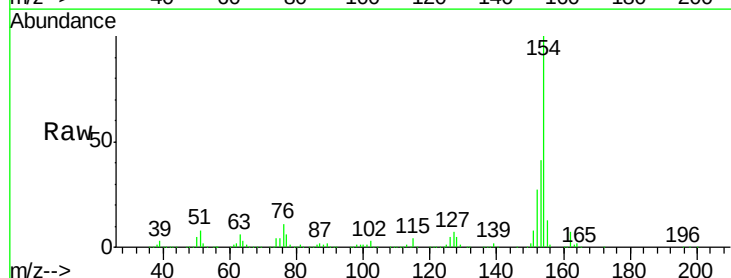
Tgt Ion:154 Resp: 885495

Ion Ratio Lower Upper

154 100

153 40.6 20.3 60.3

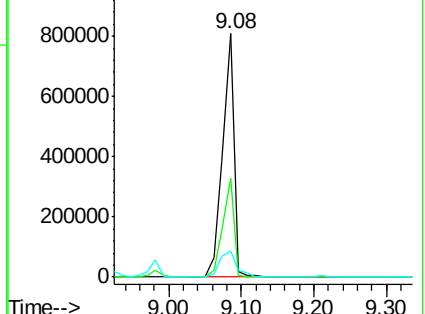
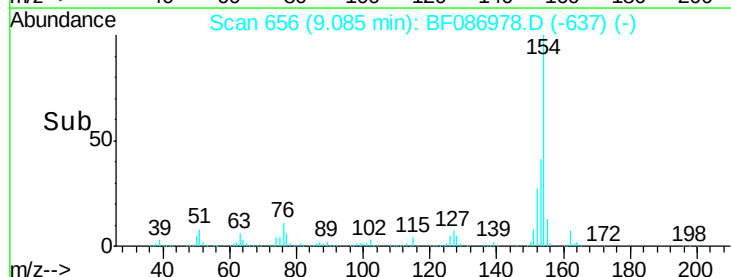
76 10.8 0.0 30.2

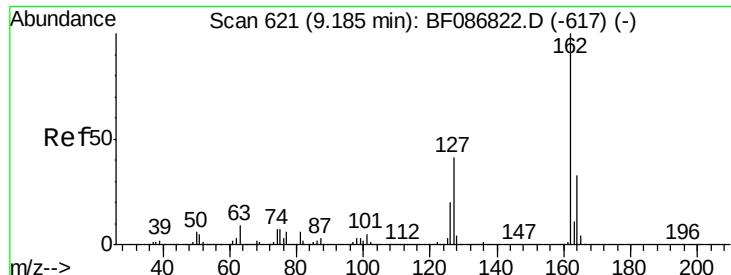


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

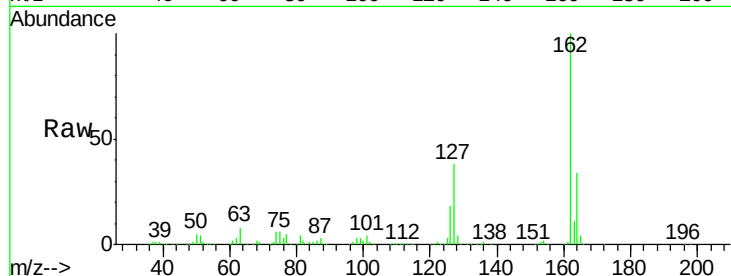




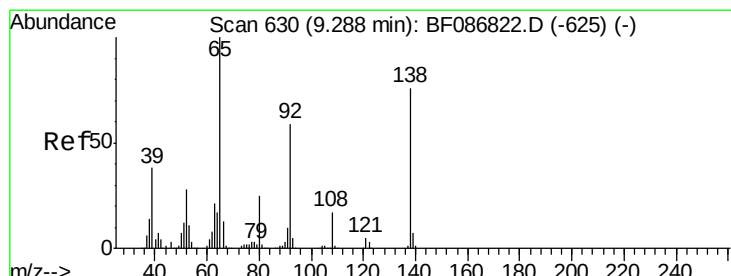
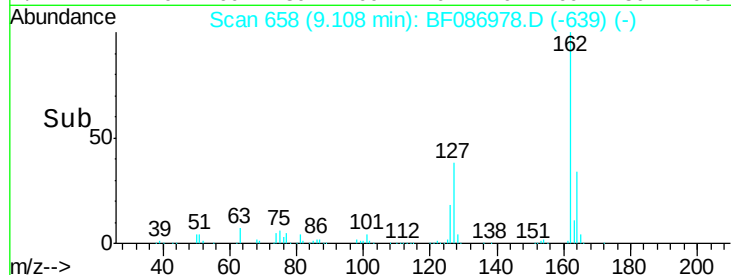
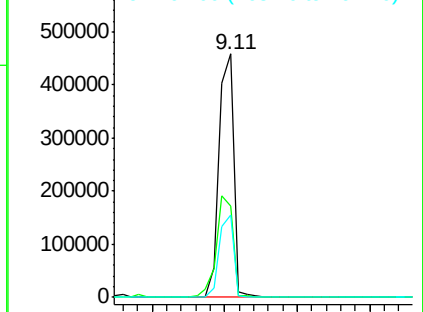
#46
2-Chloronaphthalene
Concen: 34.49 ng
RT: 9.11 min Scan# 658
Delta R.T. -0.08 min
Lab File: BF086978.D
Acq: 13 May 2016 18:38

Instrument :
BNA_F
ClientSampleId :
PB90587BS

Tgt Ion: 162 Resp: 648665
Ion Ratio Lower Upper
162 100
127 37.7 31.8 47.6
164 33.9 27.0 40.6

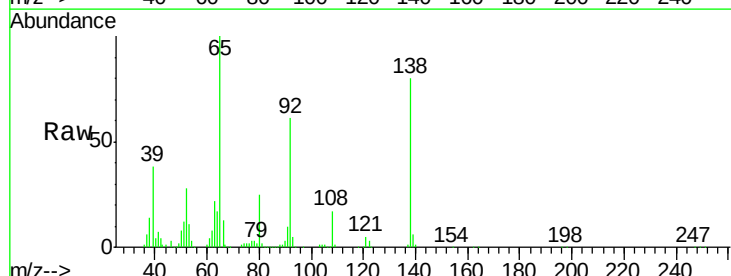


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

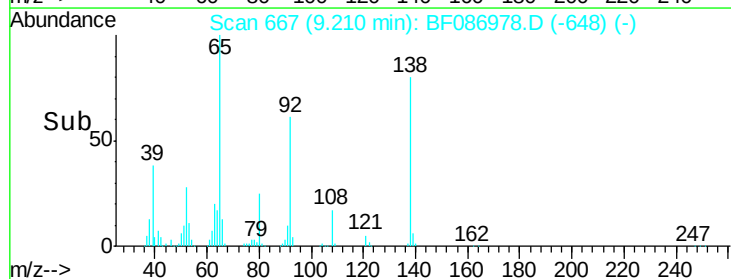
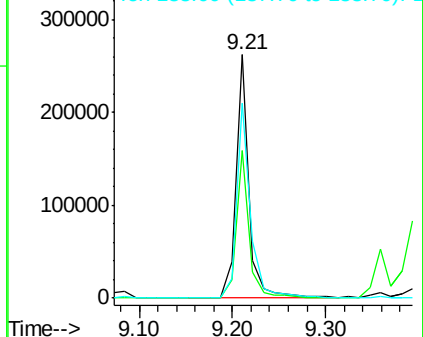


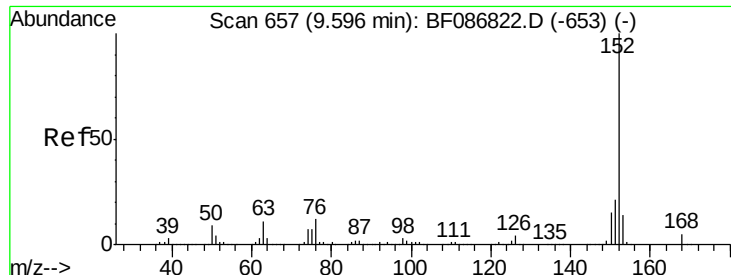
#47
2-Nitroaniline
Concen: 36.96 ng
RT: 9.21 min Scan# 667
Delta R.T. -0.08 min
Lab File: BF086978.D
Acq: 13 May 2016 18:38

Tgt Ion: 65 Resp: 254058
Ion Ratio Lower Upper
65 100
92 60.7 57.4 86.2
138 79.8 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: 37.36 ng

RT: 9.52 min Scan# 694

Delta R.T. -0.08 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

Instrument :

BNA_F

ClientSampled :

PB90587BS

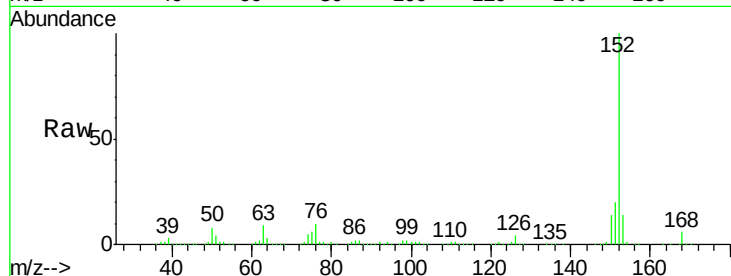
Tgt Ion:152 Resp: 1033544

Ion Ratio Lower Upper

152 100

151 19.6 16.8 25.2

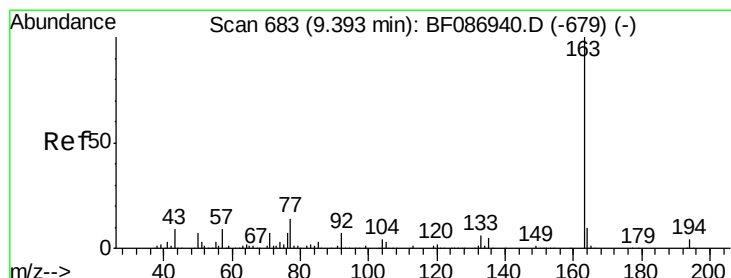
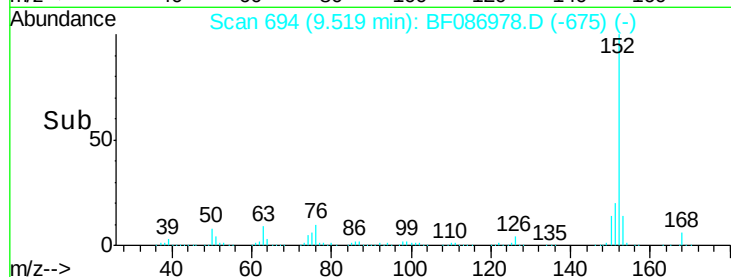
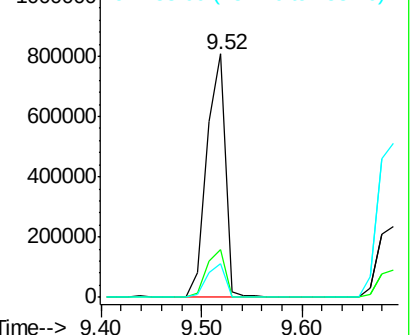
153 13.6 10.9 16.3



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: 33.94 ng

RT: 9.39 min Scan# 683

Delta R.T. -0.08 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

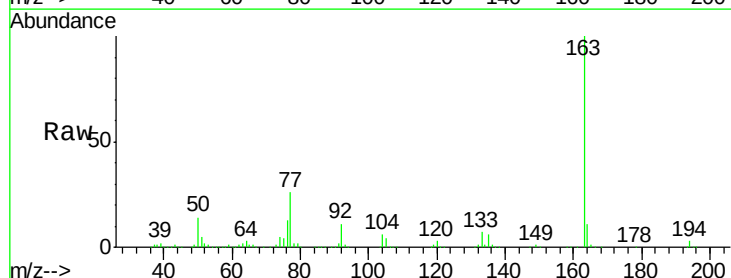
Tgt Ion:163 Resp: 781390

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

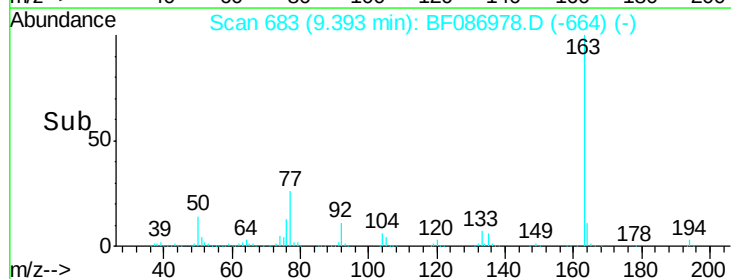
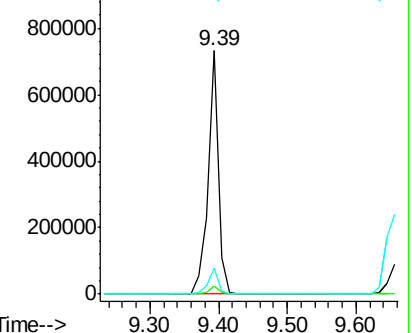
164 10.7 8.2 12.4

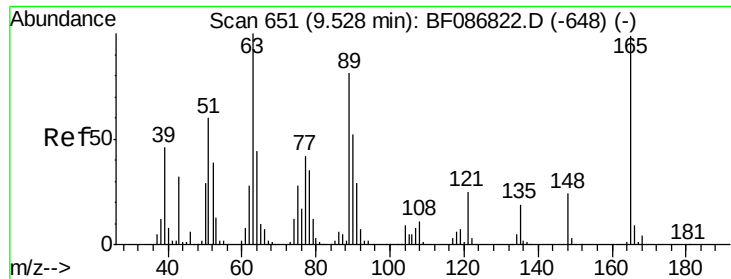


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

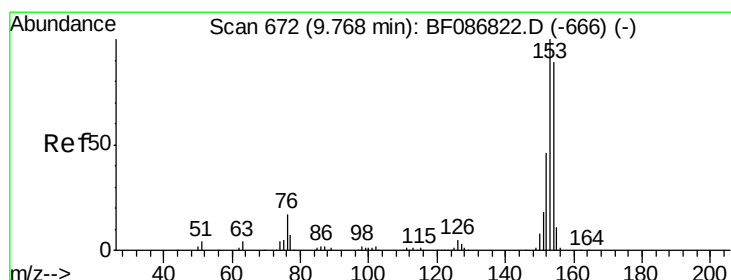
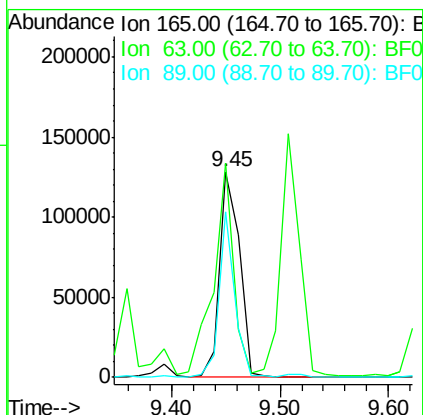
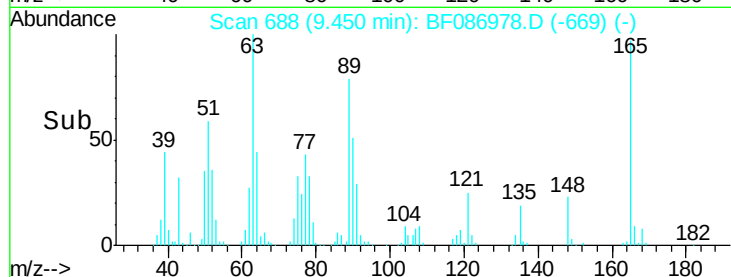
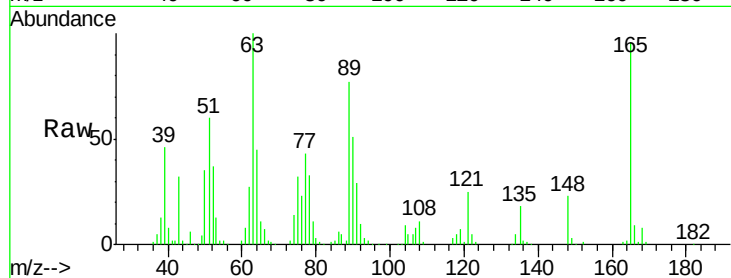




#50
 2,6-Dinitrotoluene
 Concen: 34.01 ng
 RT: 9.45 min Scan# 688
 Delta R.T. -0.08 min
 Lab File: BF086978.D
 Acq: 13 May 2016 18:38

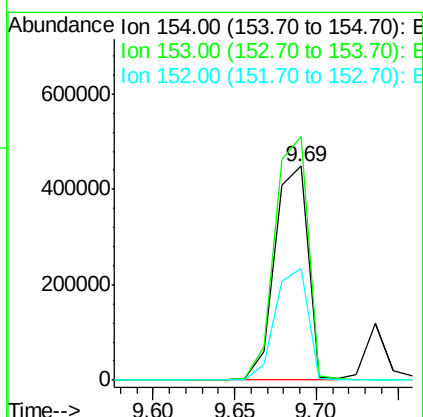
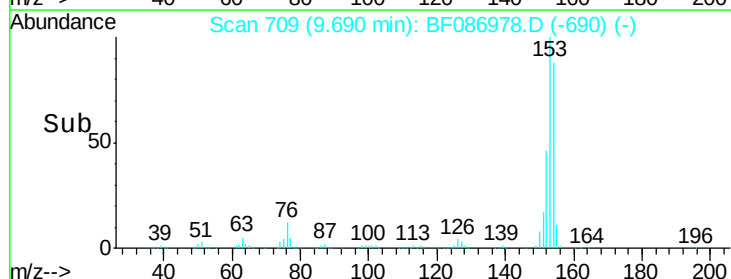
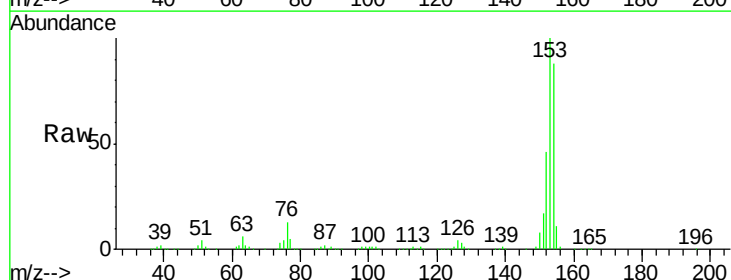
Instrument :
 BNA_F
 ClientSampleId :
 PB90587BS

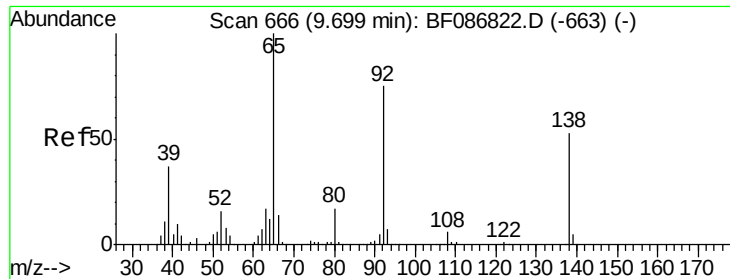
Tgt Ion:165 Resp: 164784
 Ion Ratio Lower Upper
 165 100
 63 104.3 51.8 77.8#
 89 80.6 50.7 76.1#



#51
 Acenaphthene
 Concen: 37.13 ng
 RT: 9.69 min Scan# 709
 Delta R.T. -0.08 min
 Lab File: BF086978.D
 Acq: 13 May 2016 18:38

Tgt Ion:154 Resp: 638969
 Ion Ratio Lower Upper
 154 100
 153 113.7 89.8 134.6
 152 52.0 43.4 65.0

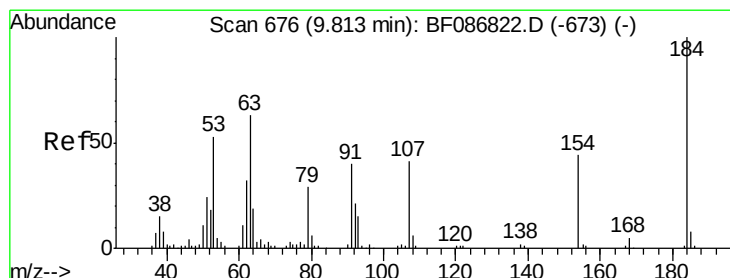
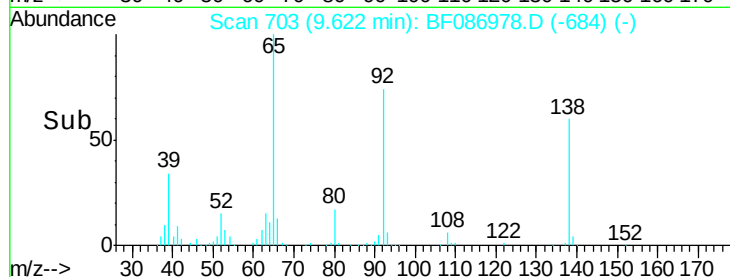
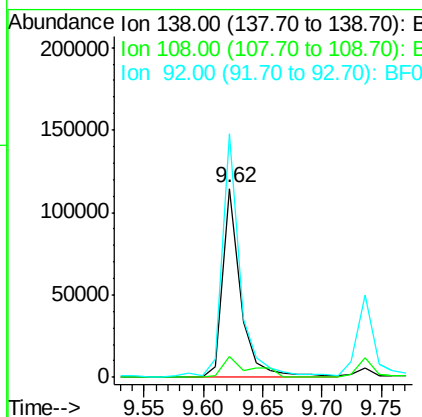
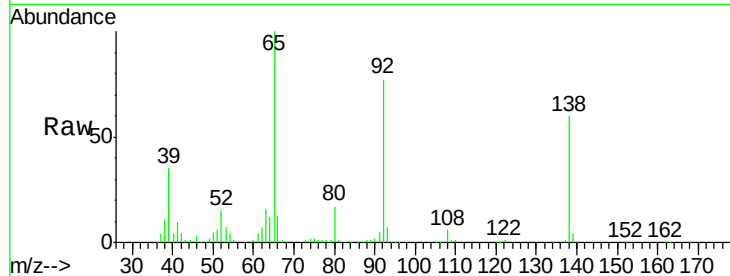




#52
 3-Nitroaniline
 Concen: 23.64 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.08 min
 Lab File: BF086978.D
 Acq: 13 May 2016 18:38

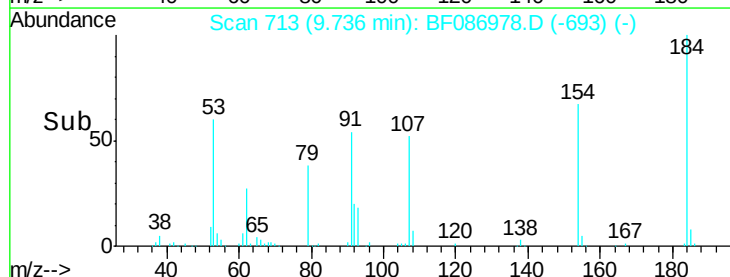
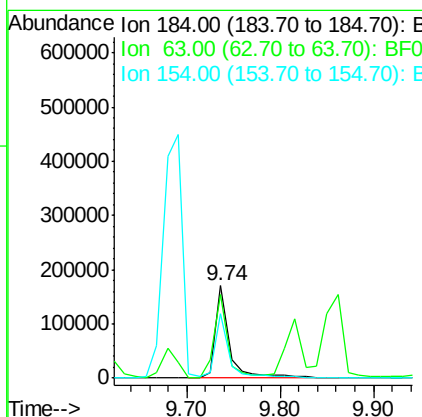
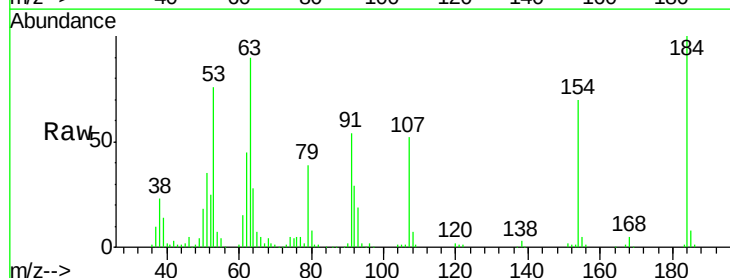
Instrument :
 BNA_F
 ClientSampleId :
 PB90587BS

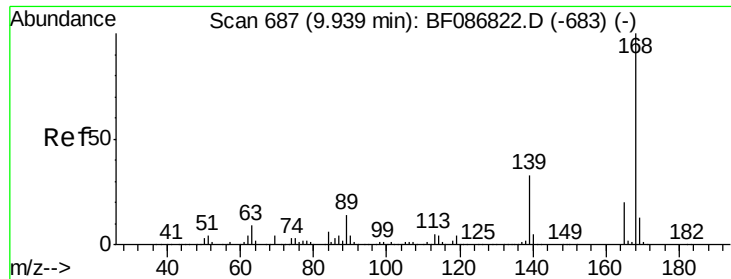
Tgt Ion:138 Resp: 120582
 Ion Ratio Lower Upper
 138 100
 108 10.8 7.8 11.6
 92 128.8 87.8 131.8



#53
 2,4-Dinitrophenol
 Concen: 72.77 ng
 RT: 9.74 min Scan# 713
 Delta R.T. -0.08 min
 Lab File: BF086978.D
 Acq: 13 May 2016 18:38

Tgt Ion:184 Resp: 178288
 Ion Ratio Lower Upper
 184 100
 63 90.5 55.8 83.8#
 154 70.3 62.4 93.6





#54

Dibenzenofuran

Concen: 41.07 ng

RT: 9.86 min Scan# 724

Delta R.T. -0.08 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

Instrument :

BNA_F

ClientSampleId :

PB90587BS

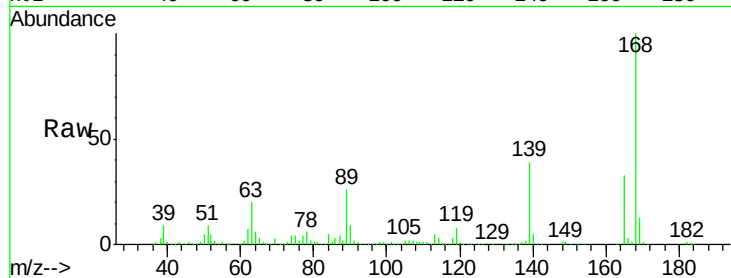
Tgt Ion:168 Resp: 907112

Ion Ratio Lower Upper

168 100

139 39.2 31.4 47.0

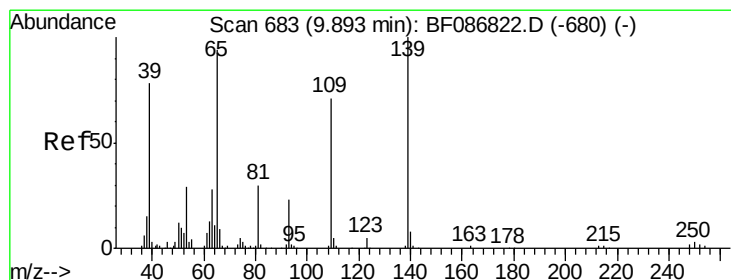
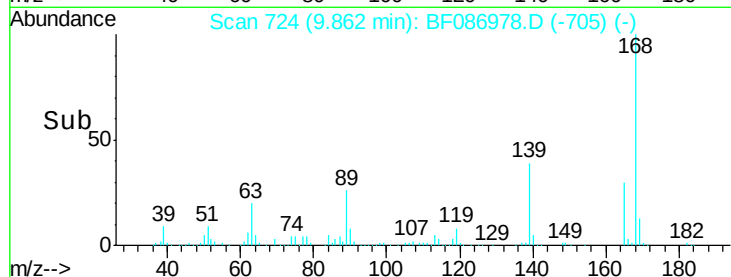
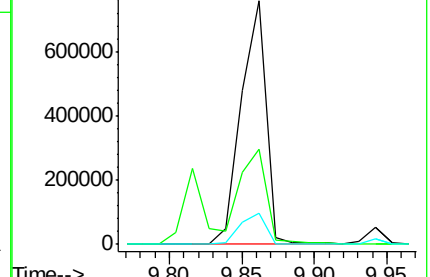
169 12.8 10.7 16.1



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: 73.72 ng

RT: 9.82 min Scan# 720

Delta R.T. -0.08 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

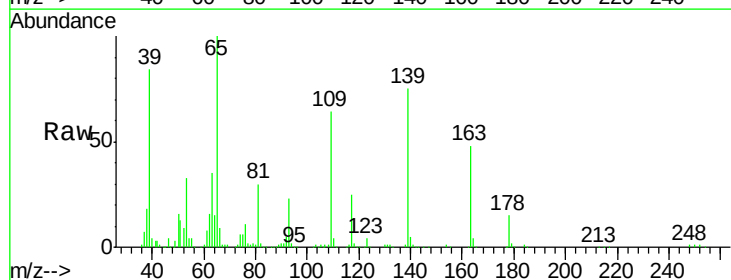
Tgt Ion:139 Resp: 249461

Ion Ratio Lower Upper

139 100

109 84.9 36.9 76.9#

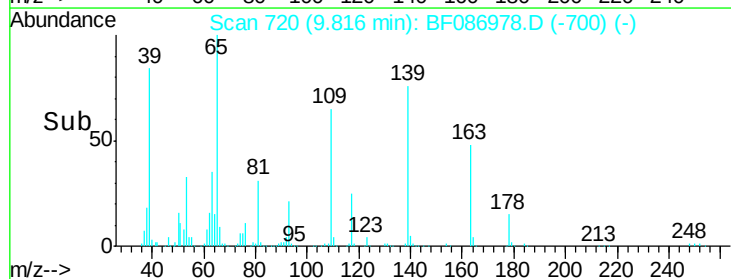
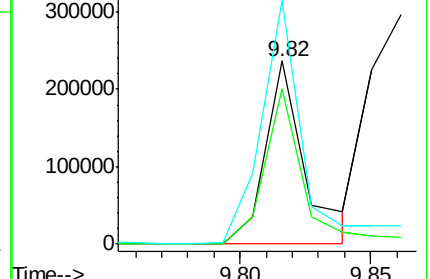
65 133.0 64.0 104.0#

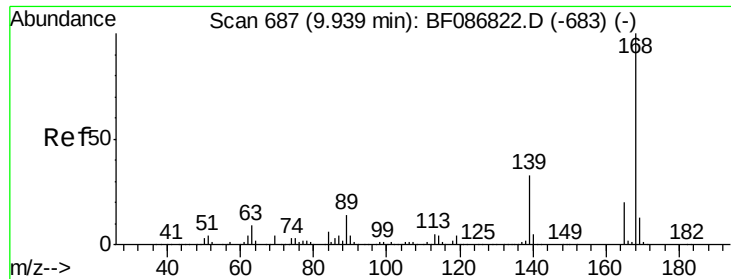


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

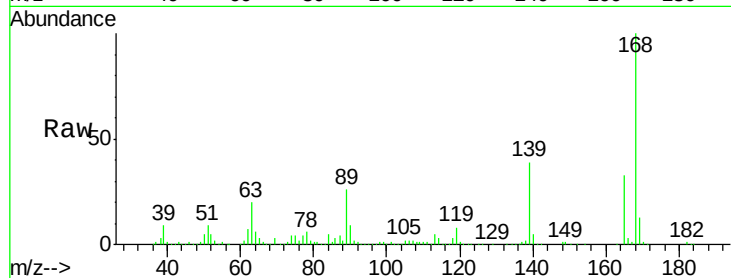




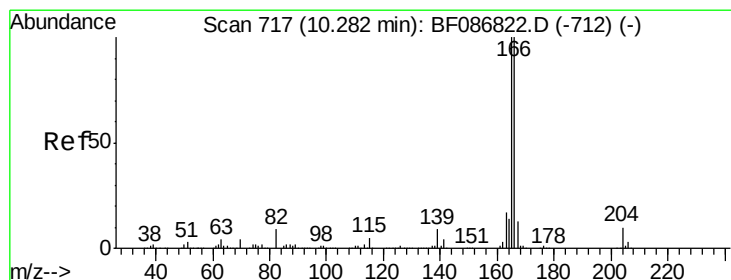
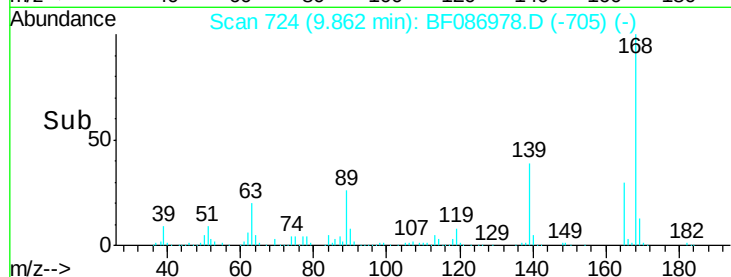
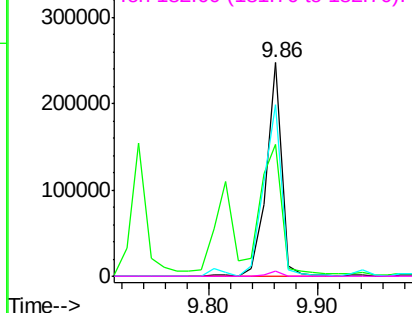
#56
2,4-Dinitrotoluene
Concen: 41.23 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.08 min
Lab File: BF086978.D
Acq: 13 May 2016 18:38

Instrument :
BNA_F
ClientSampleId :
PB90587BS

Tgt Ion:165 Resp: 247213
Ion Ratio Lower Upper
165 100
63 61.8 44.3 66.5
89 80.5 70.0 105.0
182 2.4 1.8 2.6

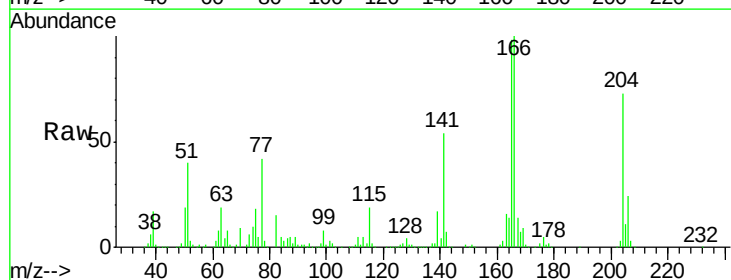


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

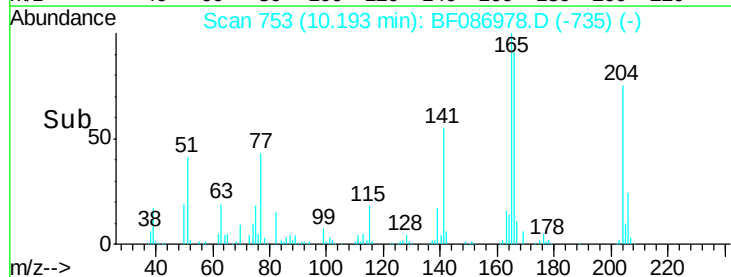
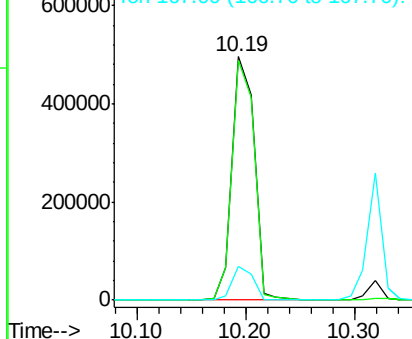


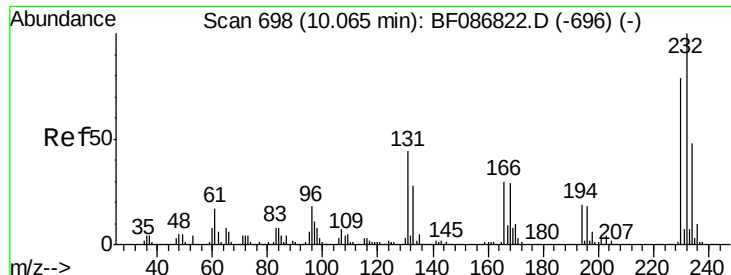
#57
Fluorene
Concen: 36.73 ng
RT: 10.19 min Scan# 753
Delta R.T. -0.09 min
Lab File: BF086978.D
Acq: 13 May 2016 18:38

Tgt Ion:166 Resp: 691850
Ion Ratio Lower Upper
166 100
165 98.5 79.0 118.6
167 13.8 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

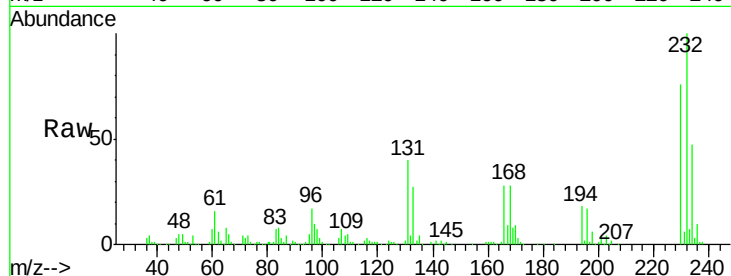




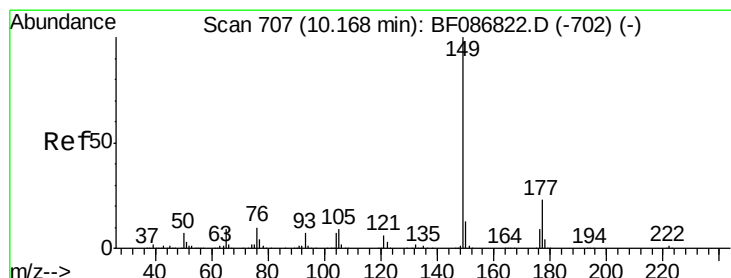
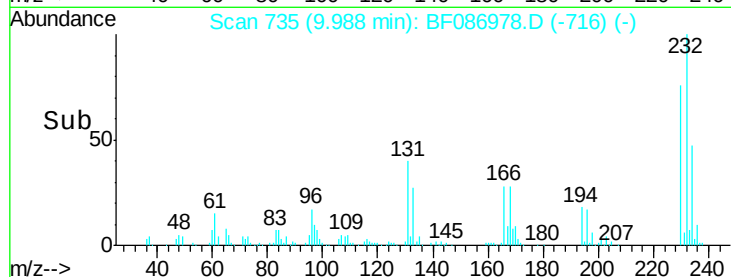
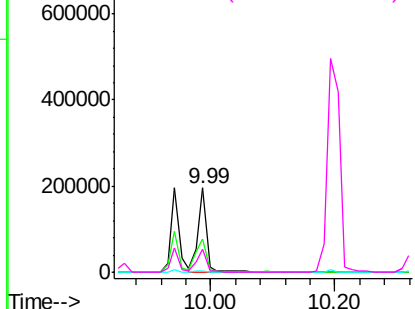
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.38 ng
 RT: 9.99 min Scan# 735
 Delta R.T. -0.08 min
 Lab File: BF086978.D
 Acq: 13 May 2016 18:38

Instrument :
 BNA_F
 ClientSampleId :
 PB90587BS

Tgt Ion:	232	Resp:	193587
Ion	Ratio	Lower	Upper
232	100		
131	48.0	41.9	62.9
130	2.5	2.2	3.4
166	29.7	26.8	40.2

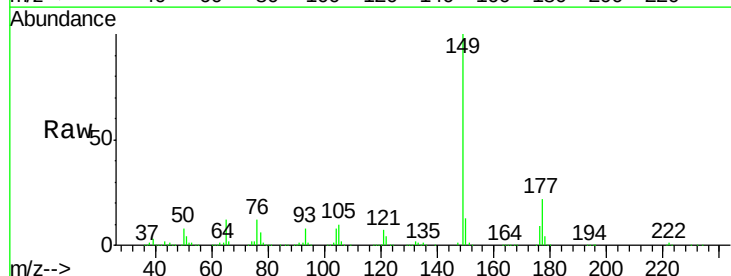


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

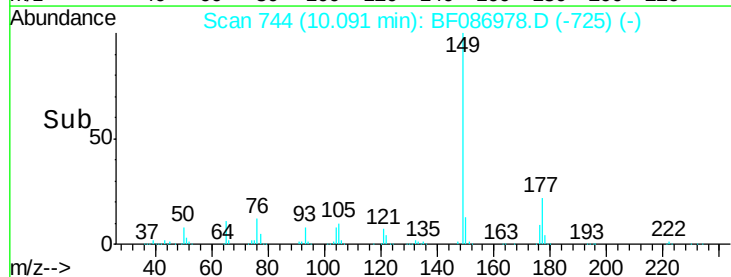
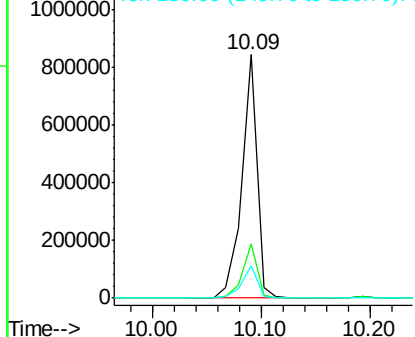


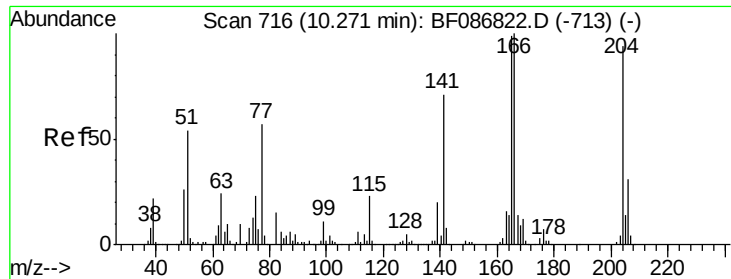
#59
 Diethylphthalate
 Concen: 35.74 ng
 RT: 10.09 min Scan# 744
 Delta R.T. -0.08 min
 Lab File: BF086978.D
 Acq: 13 May 2016 18:38

Tgt Ion:	149	Resp:	801955
Ion	Ratio	Lower	Upper
149	100		
177	22.1	16.6	24.8
150	13.1	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

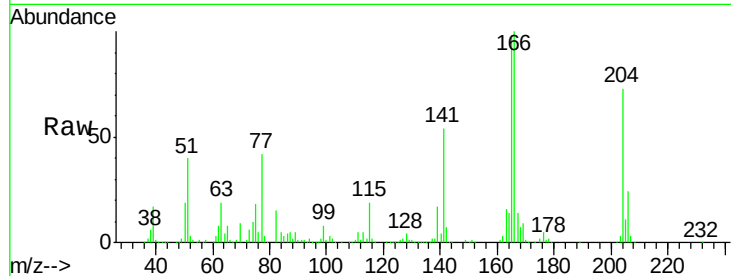




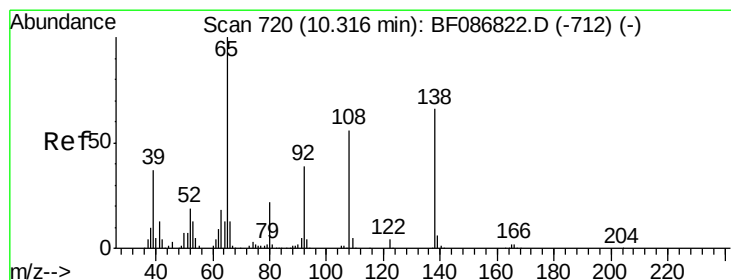
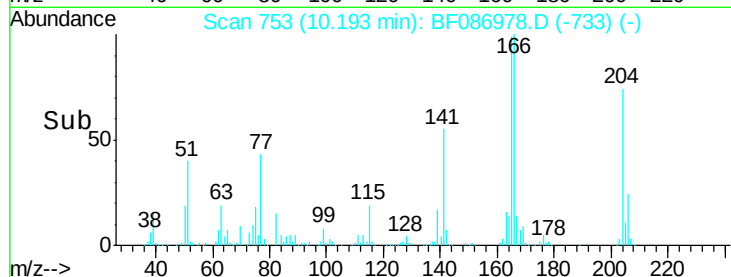
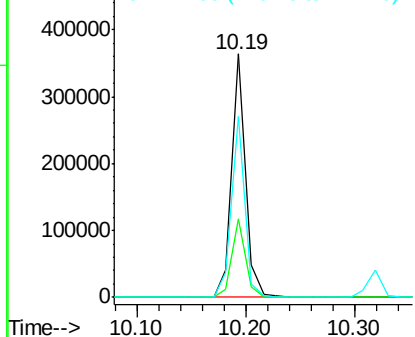
#60
 4-Chlorophenyl-phenylether
 Concen: 36.84 ng
 RT: 10.19 min Scan# 753
 Delta R.T. -0.08 min
 Lab File: BF086978.D
 Acq: 13 May 2016 18:38

Instrument :
 BNA_F
 ClientSampleId :
 PB90587BS

Tgt Ion: 204 Resp: 316110
 Ion Ratio Lower Upper
 204 100
 206 32.4 25.4 38.0
 141 74.2 61.6 92.4

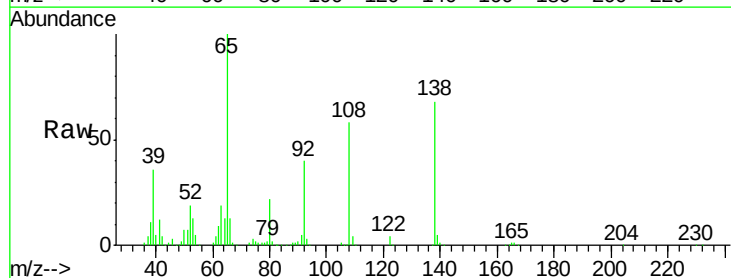


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

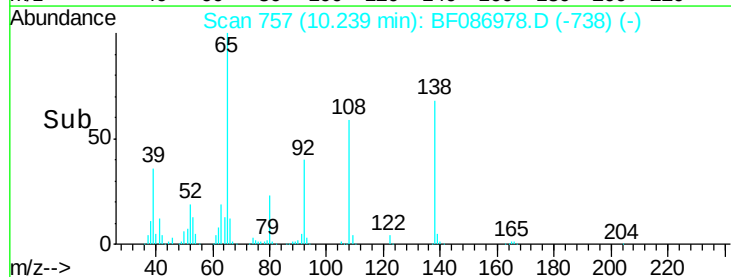
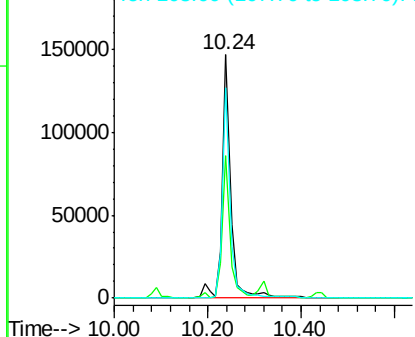


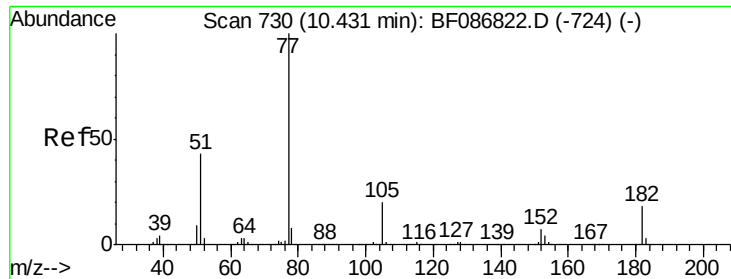
#61
 4-Nitroaniline
 Concen: 37.75 ng
 RT: 10.24 min Scan# 757
 Delta R.T. -0.08 min
 Lab File: BF086978.D
 Acq: 13 May 2016 18:38

Tgt Ion: 138 Resp: 184970
 Ion Ratio Lower Upper
 138 100
 92 58.8 24.7 64.7
 108 86.4 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: 38.73 ng

RT: 10.35 min Scan# 767

Delta R.T. -0.08 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

Instrument :

BNA_F

ClientSampleID :

PB90587BS

Tgt Ion: 77 Resp: 937623

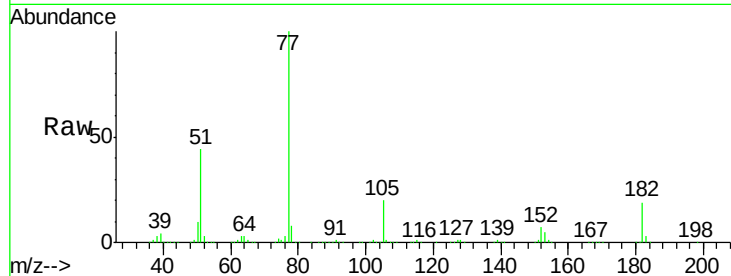
Ion Ratio Lower Upper

77 100

182 19.5 0.0 38.8

105 20.5 3.2 43.2

51 43.5 8.8 48.8

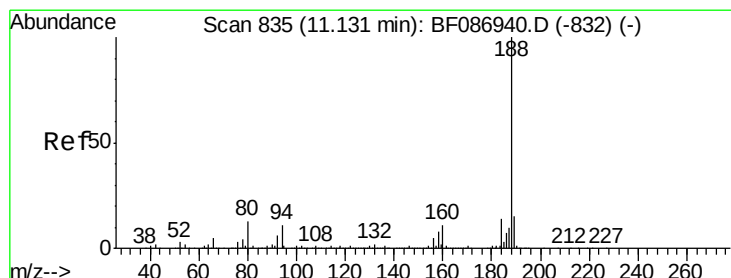
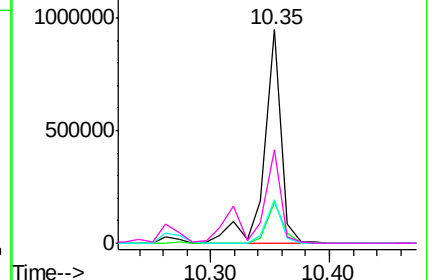
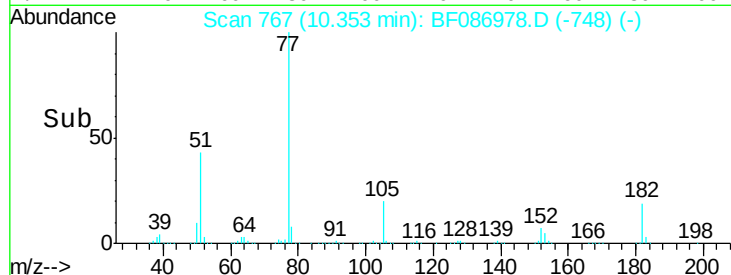


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

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: BF086978.D

Acq: 13 May 2016 18:38

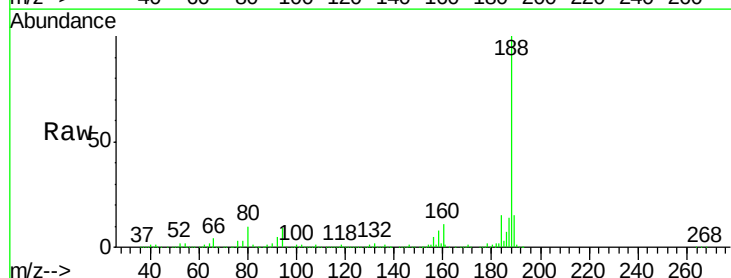
Tgt Ion: 188 Resp: 590485

Ion Ratio Lower Upper

188 100

94 9.4 6.8 10.2

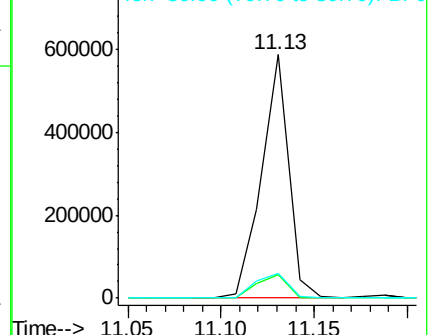
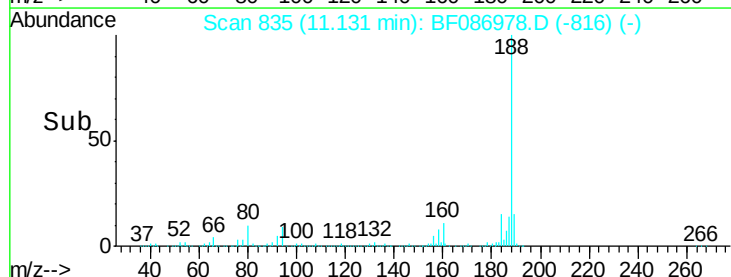
80 10.2 7.1 10.7

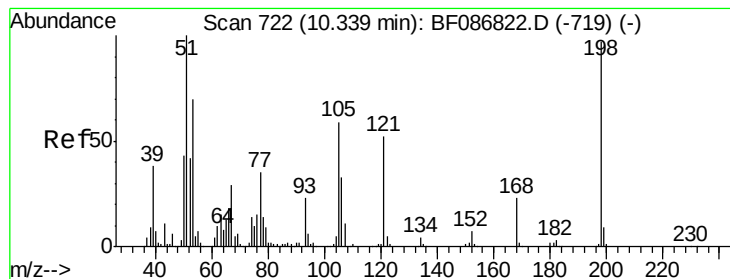


Abundance Ion 188.00 (187.70 to 188.70): BF0

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: 36.01 ng

RT: 10.27 min Scan# 760

Delta R.T. -0.07 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

Instrument :

BNA_F

ClientSampled :

PB90587BS

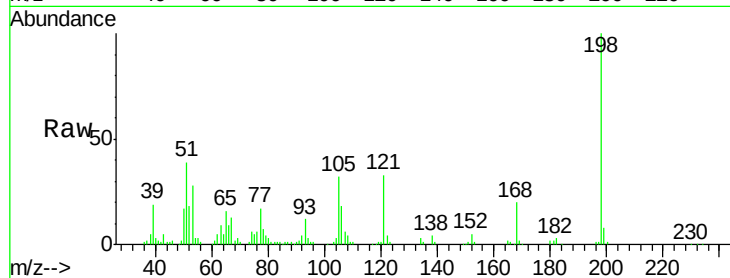
Tgt Ion:198 Resp: 132109

Ion Ratio Lower Upper

198 100

51 38.9 20.5 60.5

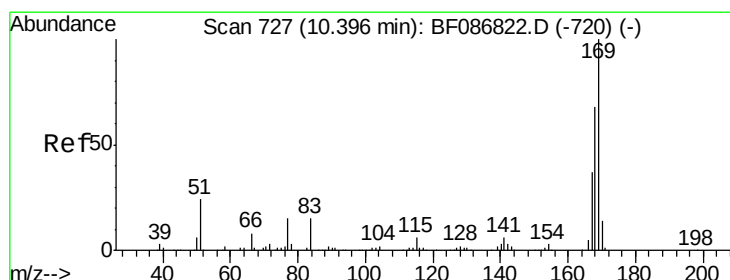
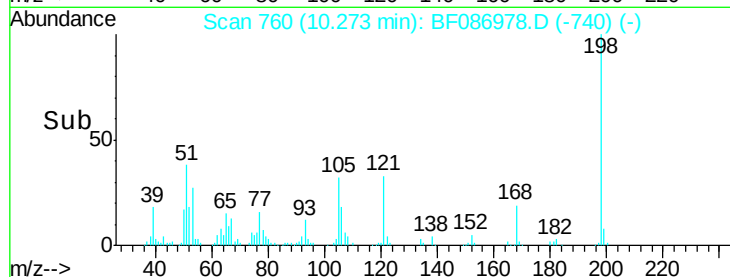
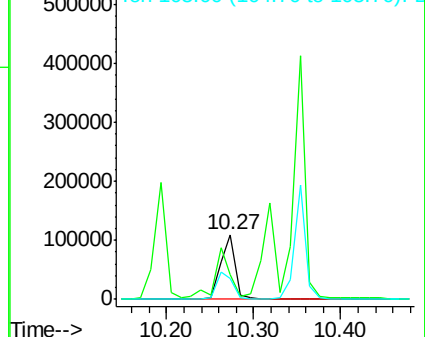
105 32.5 24.5 64.5



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: 36.51 ng

RT: 10.32 min Scan# 764

Delta R.T. -0.08 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

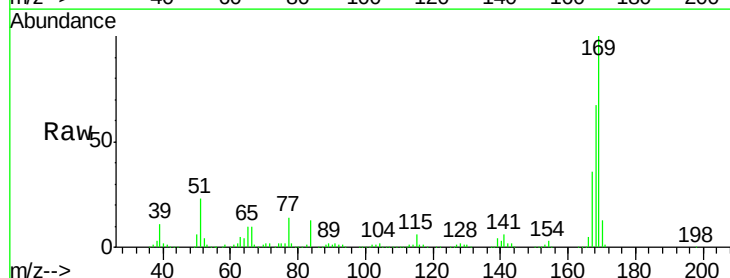
Tgt Ion:169 Resp: 662239

Ion Ratio Lower Upper

169 100

168 66.7 53.8 80.6

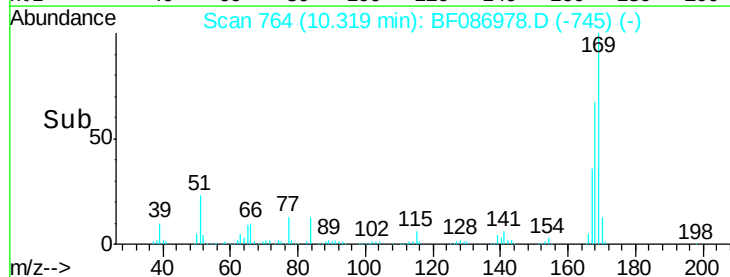
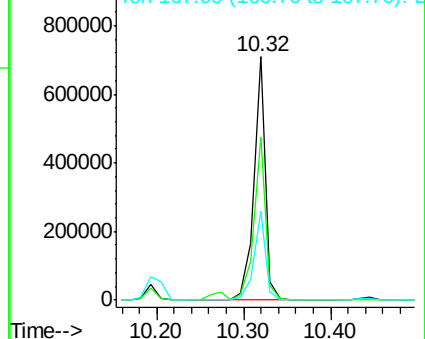
167 36.3 29.5 44.3

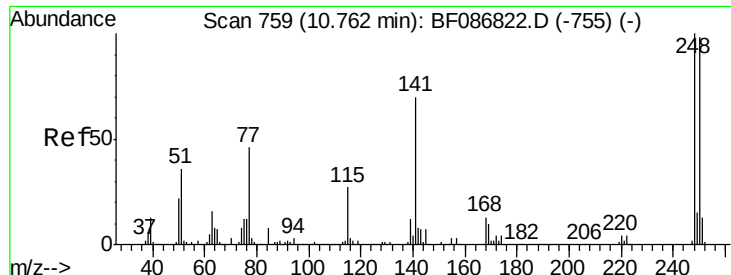


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

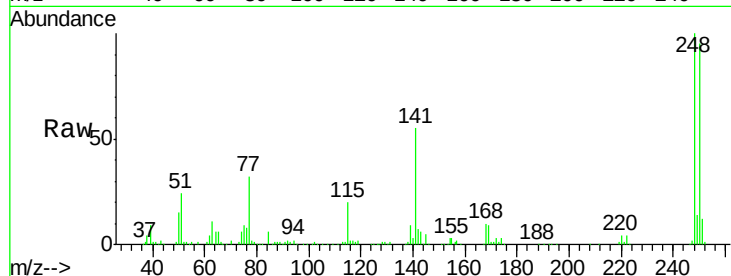




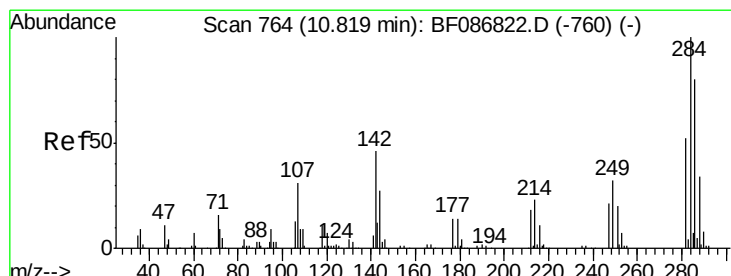
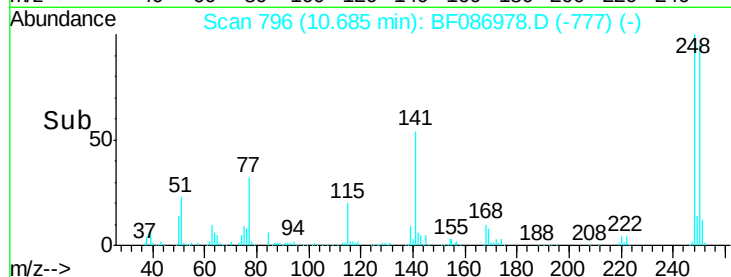
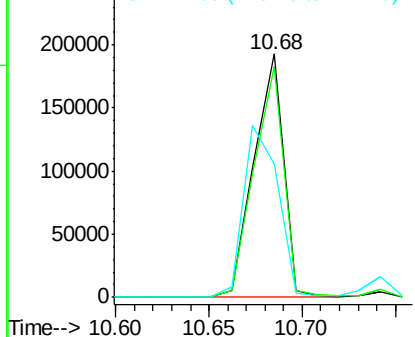
#66
 4-Bromophenyl-phenylether
 Concen: 35.36 ng
 RT: 10.68 min Scan# 796
 Delta R.T. -0.08 min
 Lab File: BF086978.D
 Acq: 13 May 2016 18:38

Instrument :
 BNA_F
 ClientSampleId :
 PB90587BS

Tgt Ion:248 Resp: 211683
 Ion Ratio Lower Upper
 248 100
 250 94.9 78.6 117.8
 141 55.0 76.0 114.0#

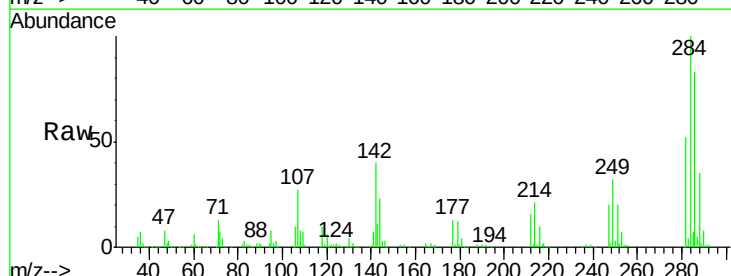


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

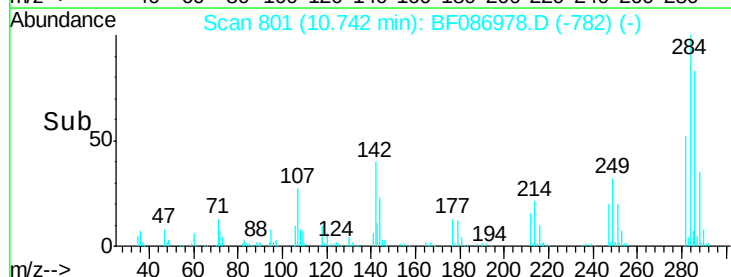
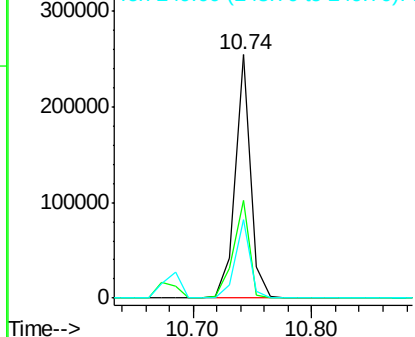


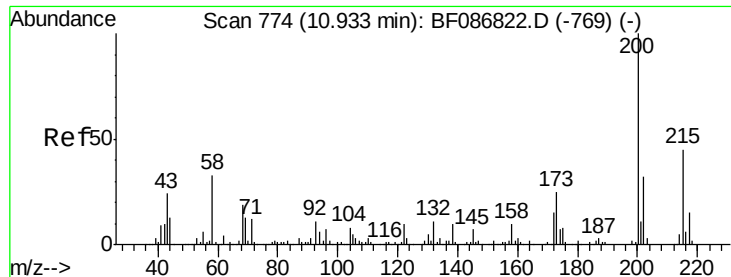
#67
 Hexachlorobenzene
 Concen: 32.76 ng
 RT: 10.74 min Scan# 801
 Delta R.T. -0.08 min
 Lab File: BF086978.D
 Acq: 13 May 2016 18:38

Tgt Ion:284 Resp: 229210
 Ion Ratio Lower Upper
 284 100
 142 40.0 16.7 25.1#
 249 32.4 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

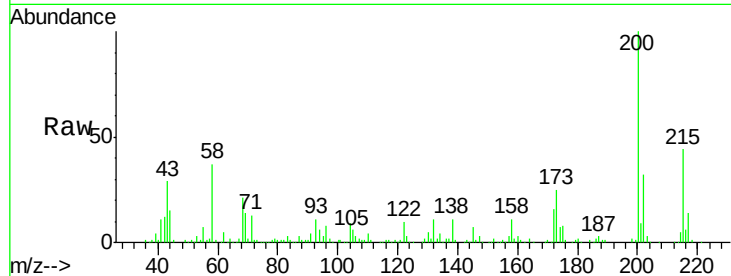




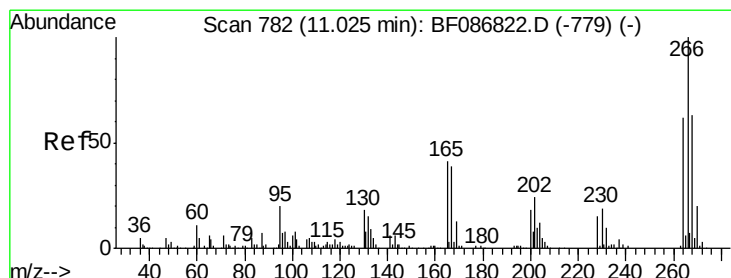
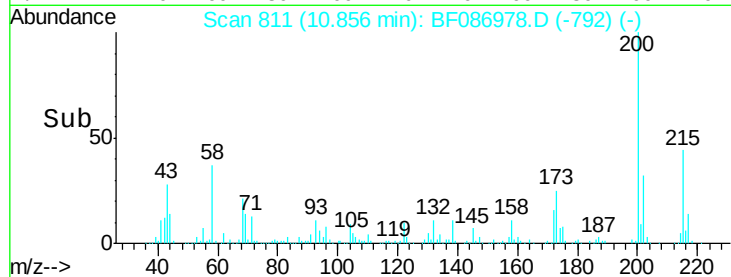
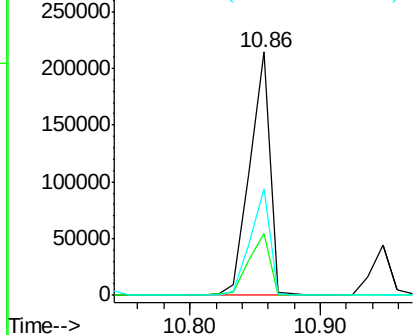
#68
Atrazine
Concen: 38.00 ng
RT: 10.86 min Scan# 811
Delta R.T. -0.08 min
Lab File: BF086978.D
Acq: 13 May 2016 18:38

Instrument :
BNA_F
ClientSampleId :
PB90587BS

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.3	8.5	48.5
215	43.8	27.2	67.2

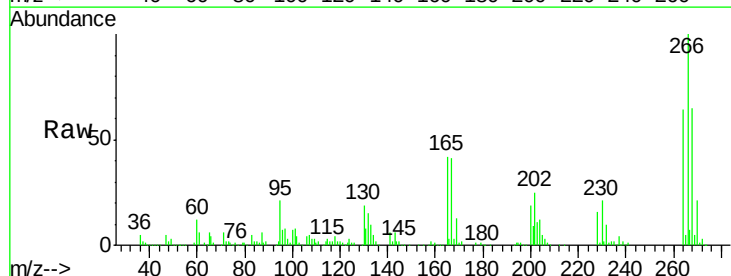


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

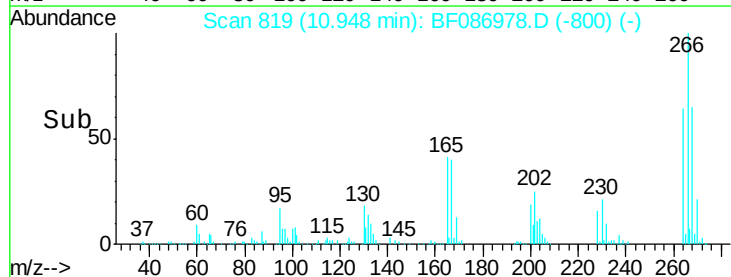
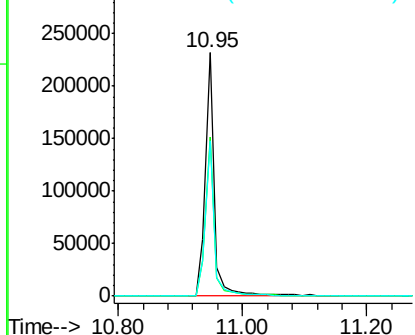


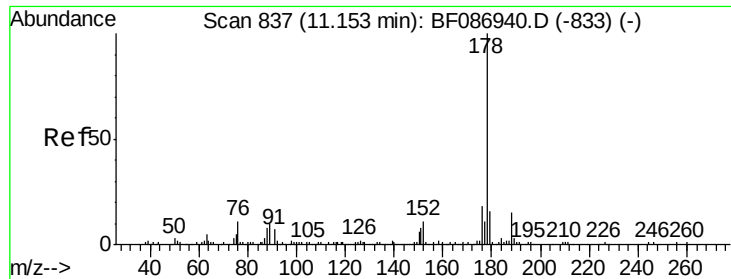
#69
Pentachlorophenol
Concen: 74.76 ng
RT: 10.95 min Scan# 819
Delta R.T. -0.08 min
Lab File: BF086978.D
Acq: 13 May 2016 18:38

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.1	51.5	77.3
264	64.0	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

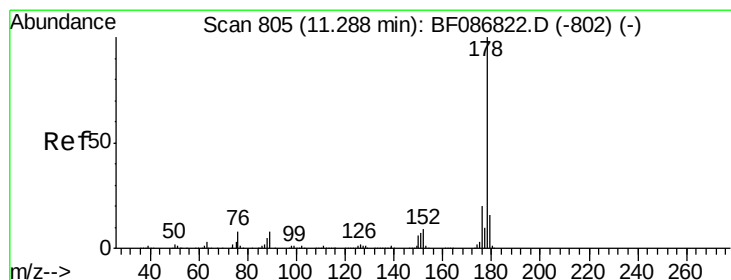
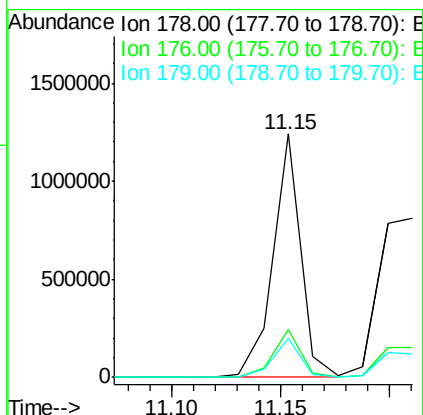
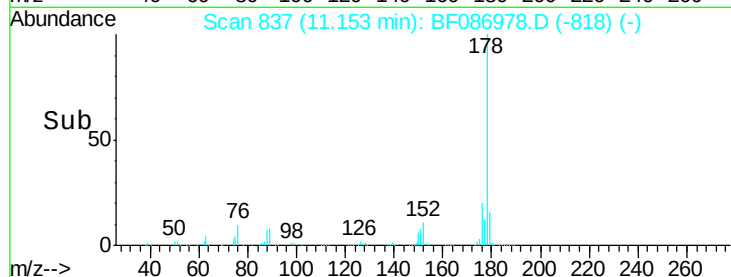
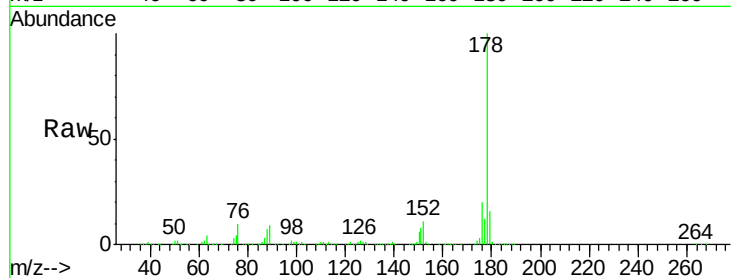




#70
Phenanthrene
Concen: 35.37 ng
RT: 11.15 min Scan# 837
Delta R.T. -0.08 min
Lab File: BF086978.D
Acq: 13 May 2016 18:38

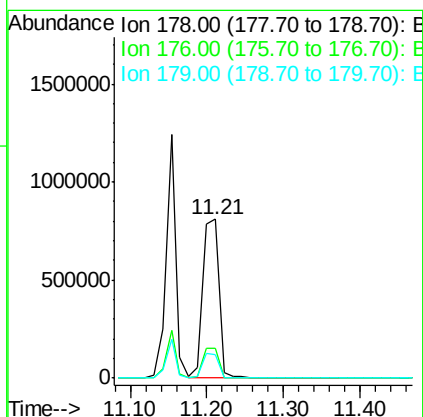
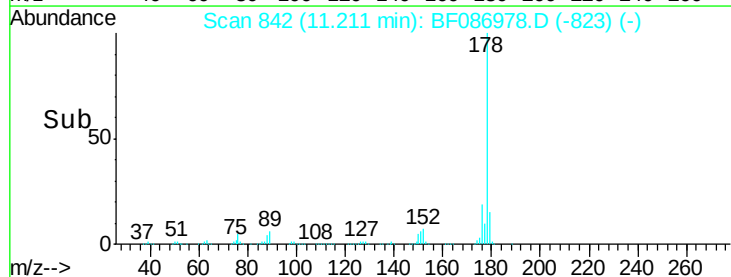
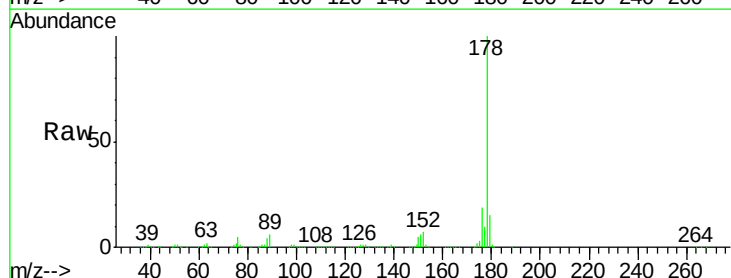
Instrument :
BNA_F
ClientSampleId :
PB90587BS

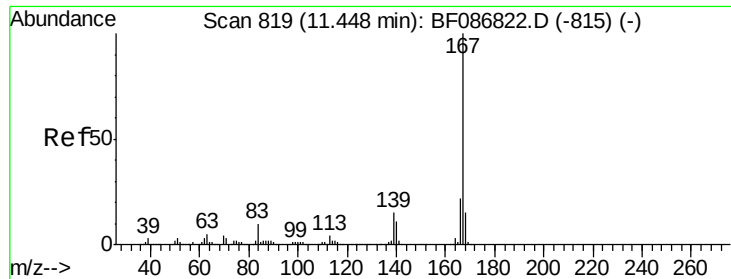
Tgt Ion:178 Resp: 1114453
Ion Ratio Lower Upper
178 100
176 19.8 16.0 24.0
179 16.0 12.6 18.8



#71
Anthracene
Concen: 36.30 ng
RT: 11.21 min Scan# 842
Delta R.T. -0.08 min
Lab File: BF086978.D
Acq: 13 May 2016 18:38

Tgt Ion:178 Resp: 1169851
Ion Ratio Lower Upper
178 100
176 18.8 15.6 23.4
179 15.0 12.7 19.1





#72

Carbazole

Concen: 40.58 ng

RT: 11.37 min Scan# 856

Delta R.T. -0.08 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

Instrument :

BNA_F

ClientSampleId :

PB90587BS

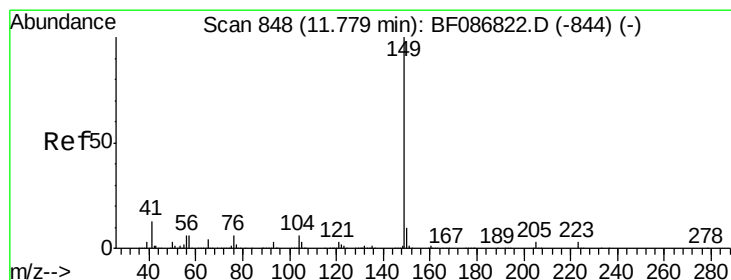
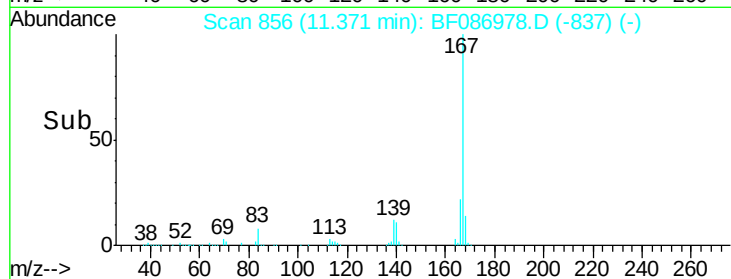
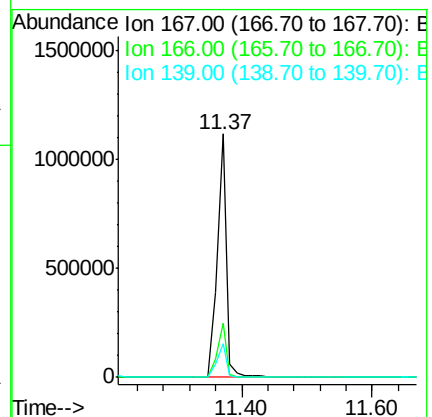
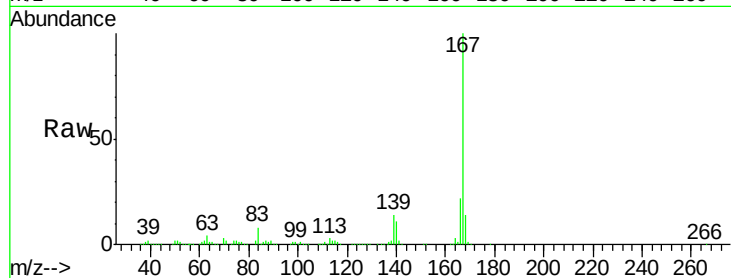
Tgt Ion:167 Resp: 1124357

Ion Ratio Lower Upper

167 100

166 22.3 17.7 26.5

139 13.8 10.8 16.2



#73

Di-n-butylphthalate

Concen: 34.82 ng

RT: 11.70 min Scan# 885

Delta R.T. -0.08 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

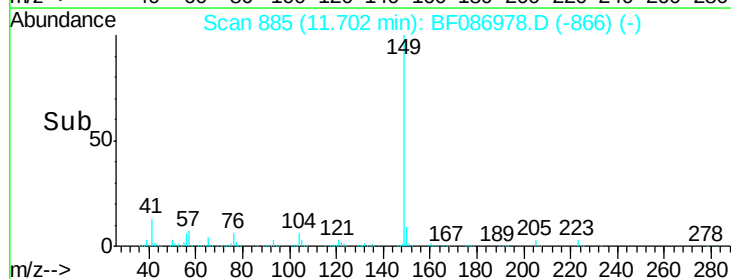
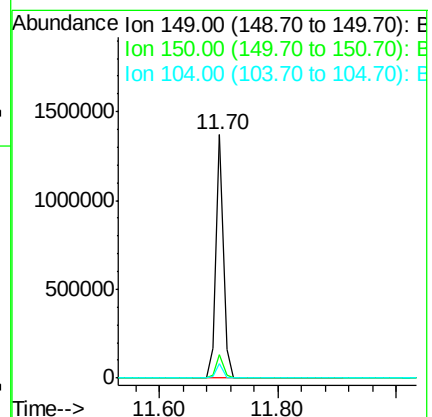
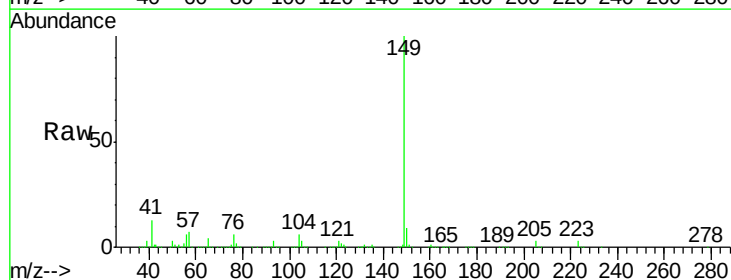
Tgt Ion:149 Resp: 1177904

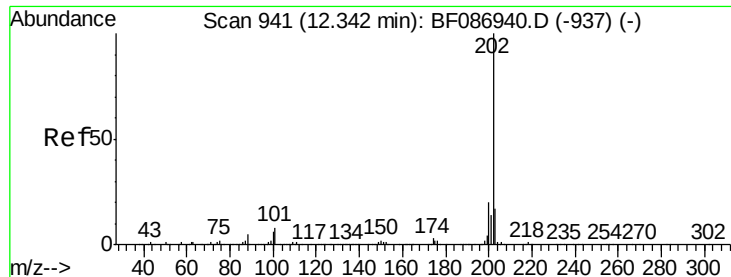
Ion Ratio Lower Upper

149 100

150 9.5 7.6 11.4

104 5.8 3.8 5.6#





#74

Fluoranthene

Concen: 33.76 ng

RT: 12.33 min Scan# 940

Delta R.T. -0.09 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

Instrument :

BNA_F

ClientSampleId :

PB90587BS

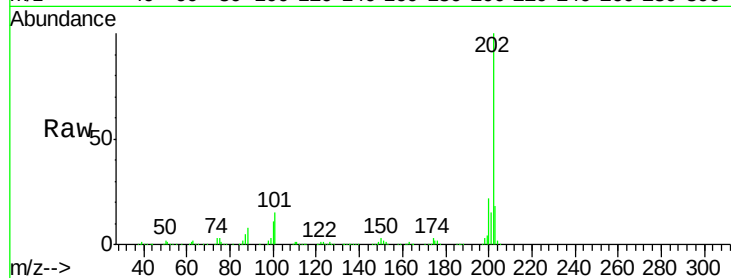
Tgt Ion:202 Resp: 1094226

Ion Ratio Lower Upper

202 100

101 15.0 0.0 35.4

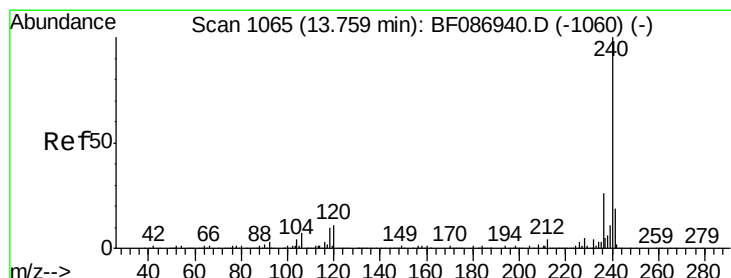
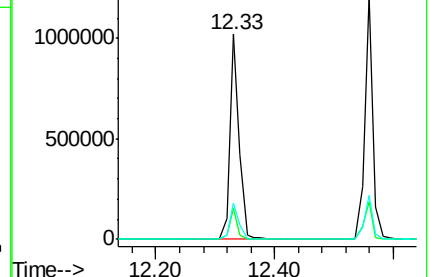
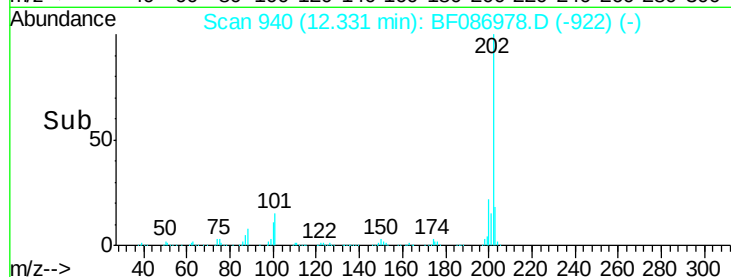
203 17.9 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.08 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

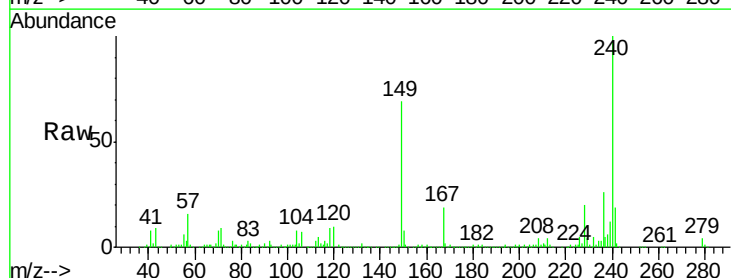
Tgt Ion:240 Resp: 487531

Ion Ratio Lower Upper

240 100

120 10.2 11.2 16.8#

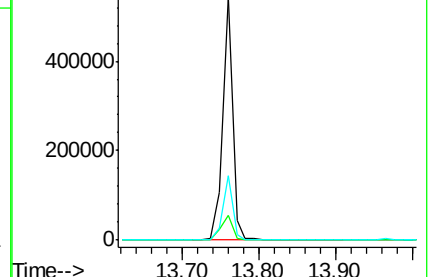
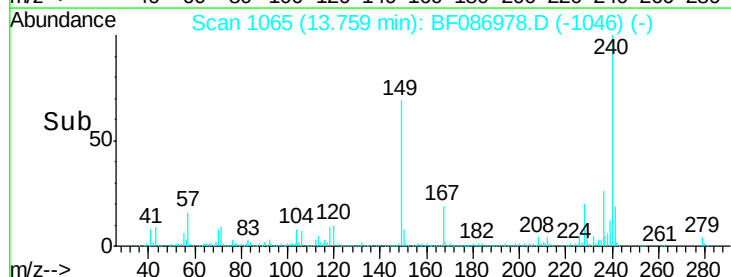
236 26.2 21.2 31.8

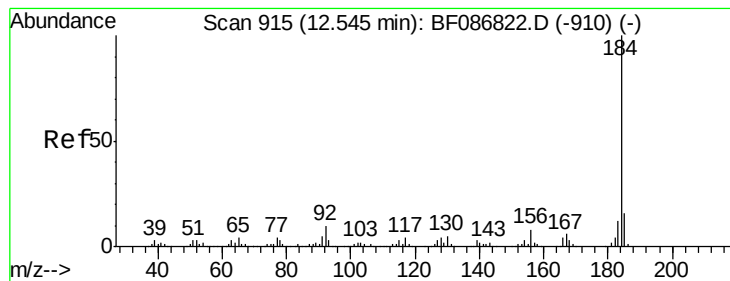


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 30.14 ng

RT: 12.47 min Scan# 952

Delta R.T. -0.08 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

Instrument :

BNA_F

ClientSampleId :

PB90587BS

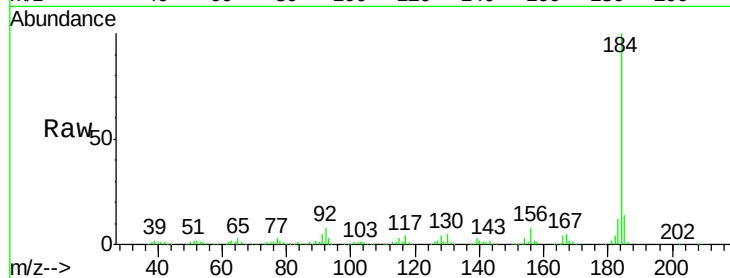
Tgt Ion:184 Resp: 374641

Ion Ratio Lower Upper

184 100

185 14.2 13.6 20.4

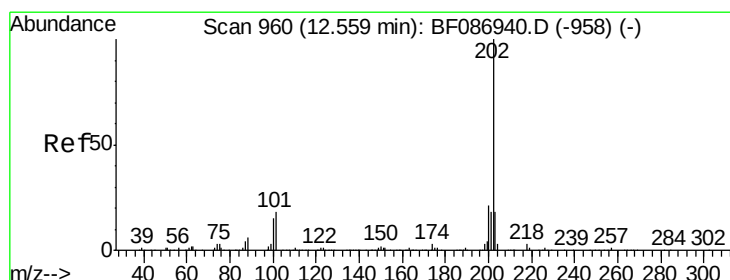
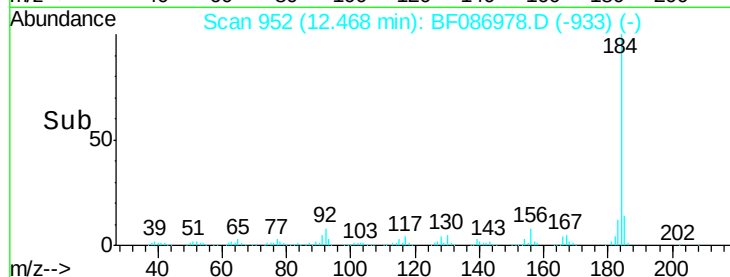
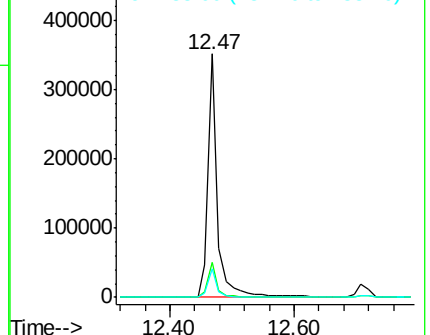
183 11.6 9.8 14.6



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: 30.62 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.08 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

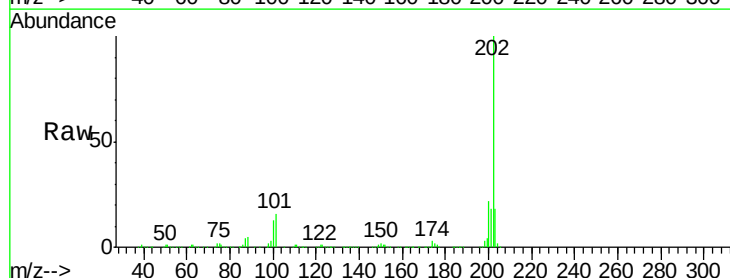
Tgt Ion:202 Resp: 1142987

Ion Ratio Lower Upper

202 100

200 22.1 17.7 26.5

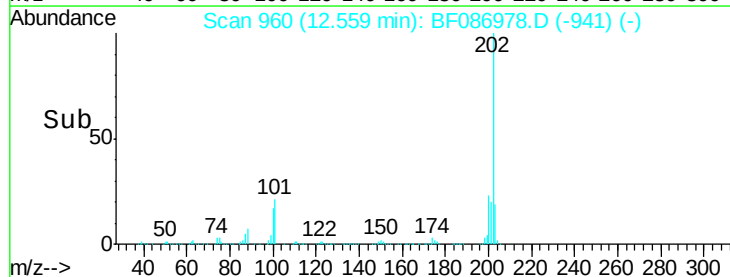
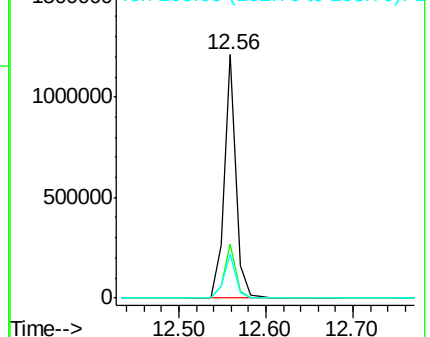
203 18.2 14.2 21.4

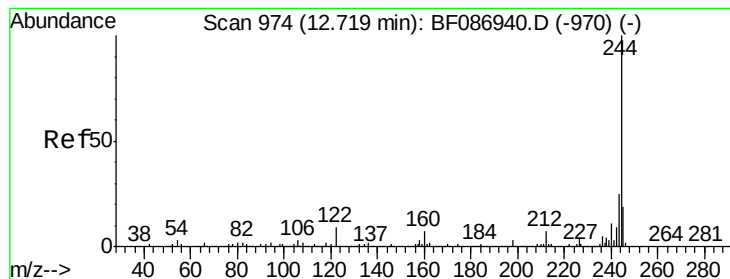


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 62.11 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.09 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

Instrument :

BNA_F

ClientSampleId :

PB90587BS

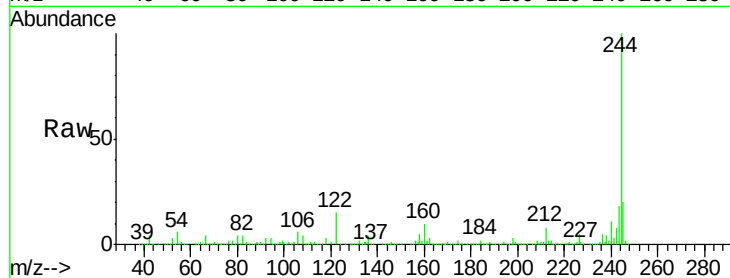
Tgt Ion:244 Resp: 1427184

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

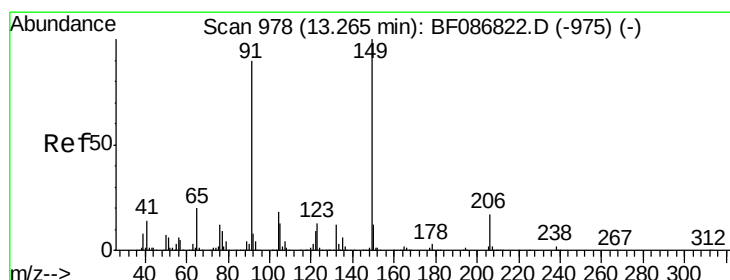
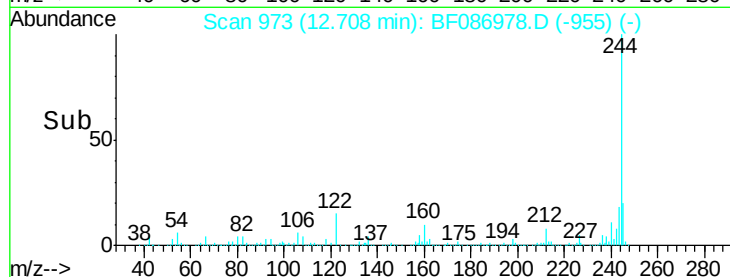
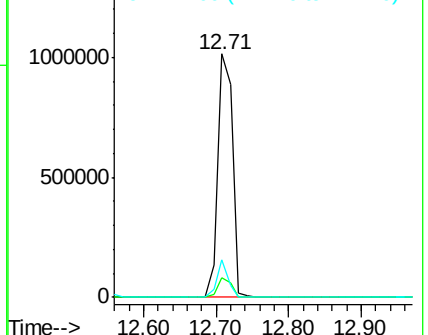
122 15.5 12.0 18.0



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: 31.83 ng

RT: 13.19 min Scan# 1015

Delta R.T. -0.08 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

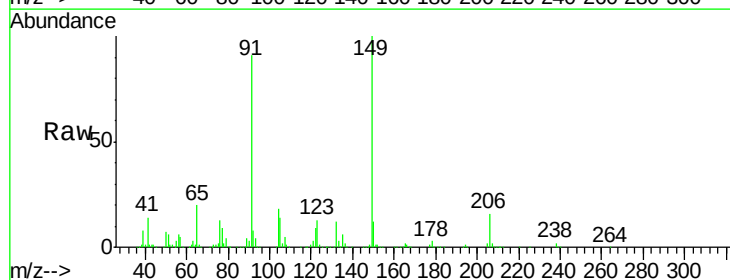
Tgt Ion:149 Resp: 502443

Ion Ratio Lower Upper

149 100

91 91.1 48.0 72.0#

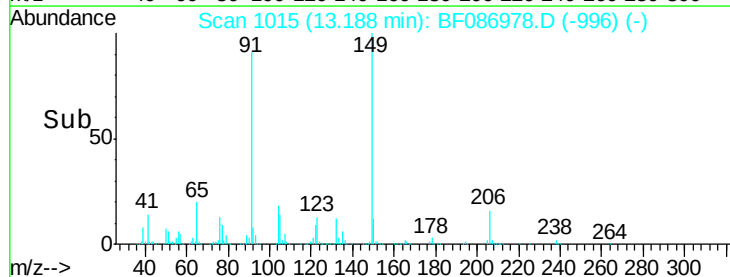
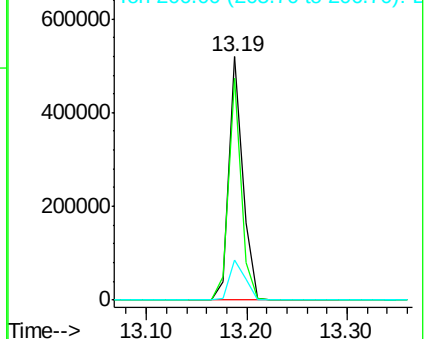
206 16.4 15.8 23.6

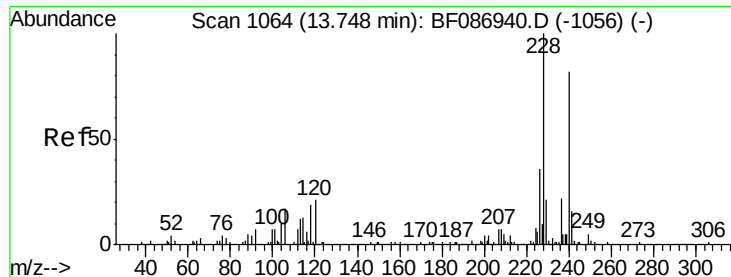


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 35.18 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.08 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

Instrument :

BNA_F

ClientSampleId :

PB90587BS

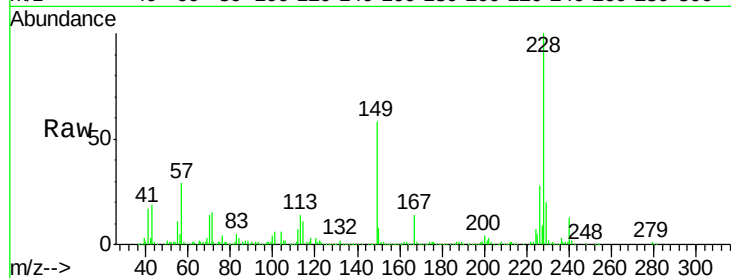
Tgt Ion:228 Resp: 962824

Ion Ratio Lower Upper

228 100

226 27.7 22.5 33.7

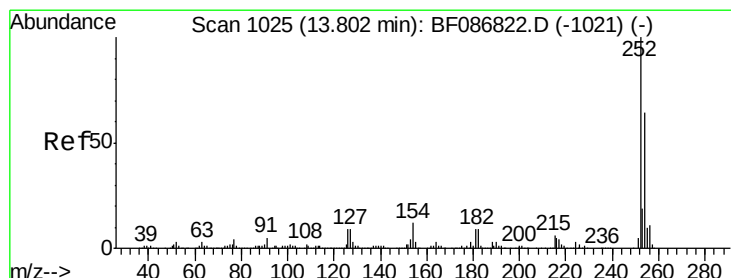
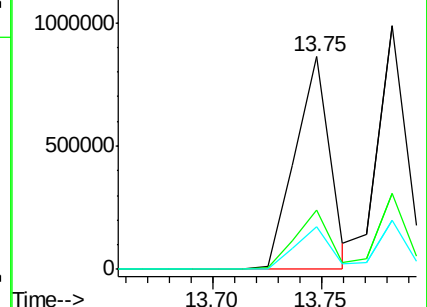
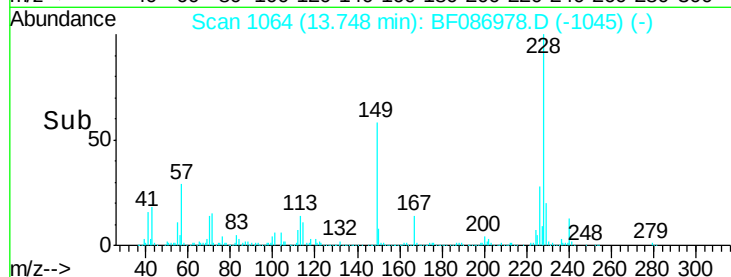
229 20.1 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 12.90 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.09 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

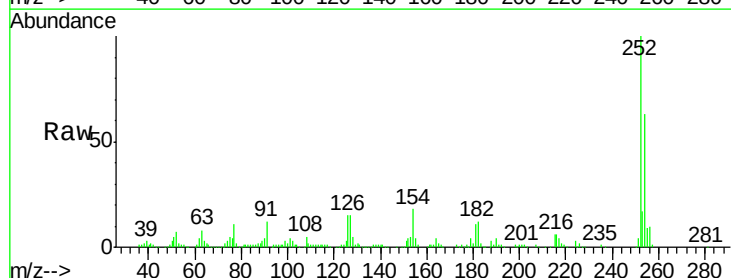
Tgt Ion:252 Resp: 224282

Ion Ratio Lower Upper

252 100

254 63.2 50.7 76.1

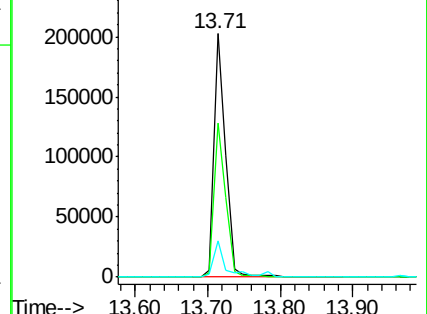
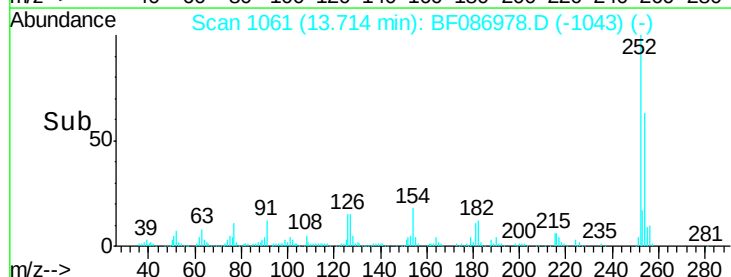
126 15.1 12.7 19.1

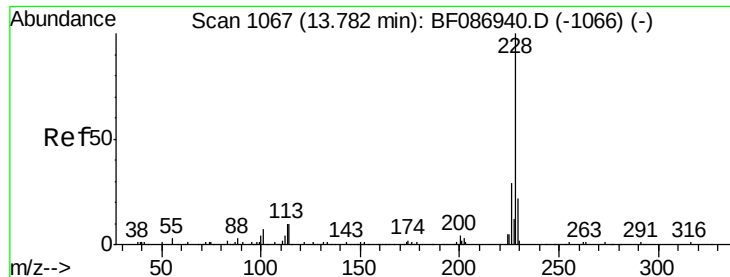


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 33.16 ng

RT: 13.78 min Scan# 1067

Delta R.T. -0.08 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

Instrument :

BNA_F

ClientSampleId :

PB90587BS

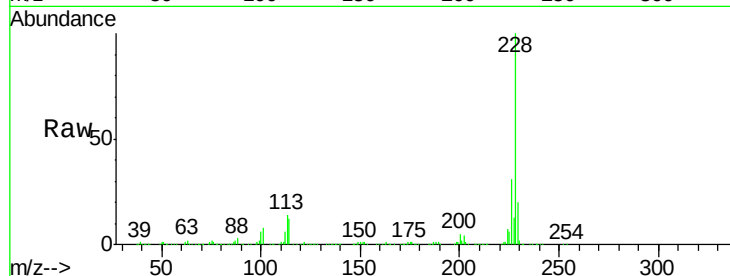
Tgt Ion:228 Resp: 923099

Ion Ratio Lower Upper

228 100

226 31.2 24.4 36.6

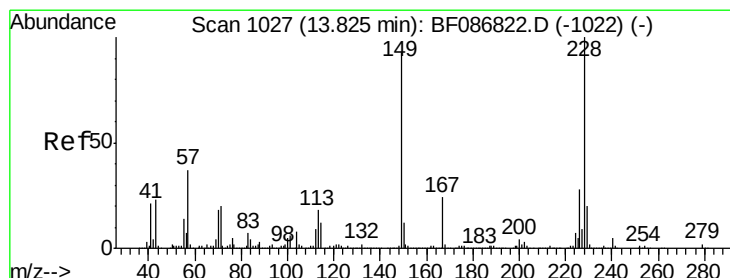
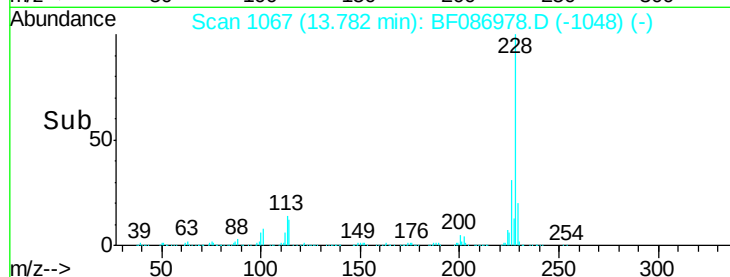
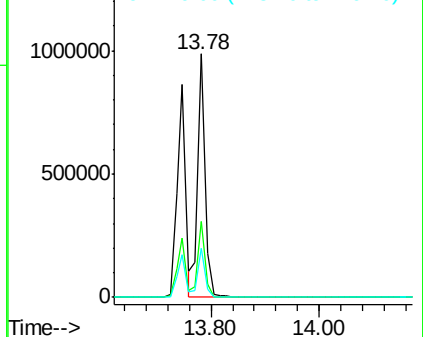
229 20.2 15.8 23.8



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: 33.03 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.08 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

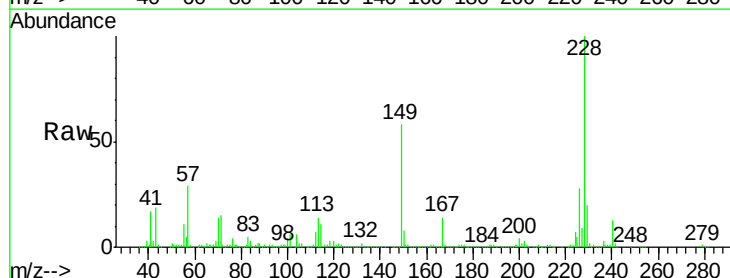
Tgt Ion:149 Resp: 627172

Ion Ratio Lower Upper

149 100

167 23.8 21.8 32.6

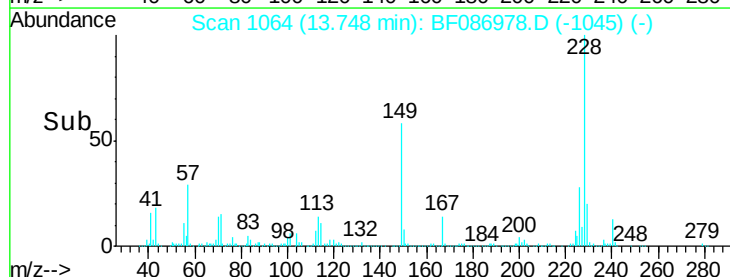
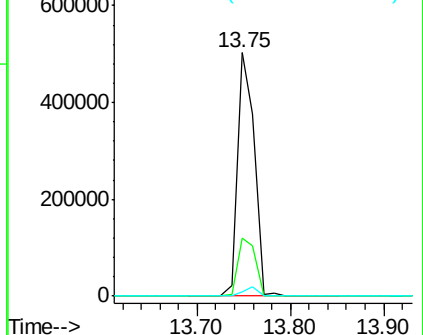
279 2.0 2.6 4.0#

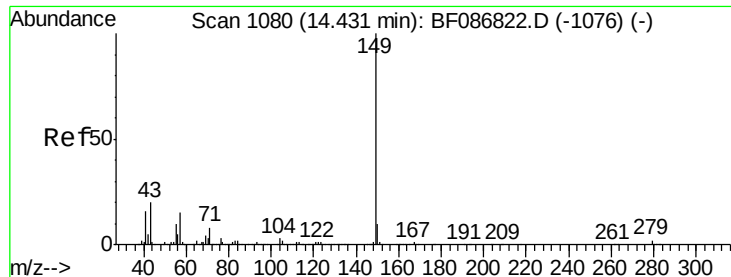


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 38.10 ng

RT: 14.37 min Scan# 1118

Delta R.T. -0.07 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

Instrument :

BNA_F

ClientSampleId :

PB90587BS

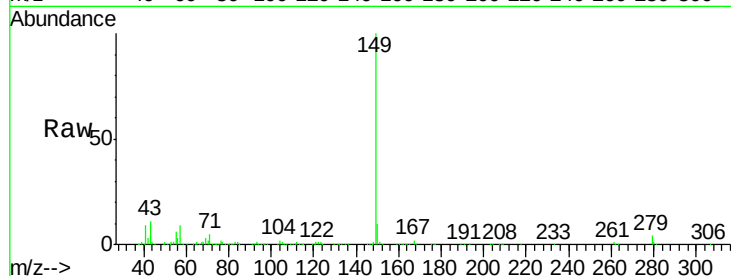
Tgt Ion:149 Resp: 1198624

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

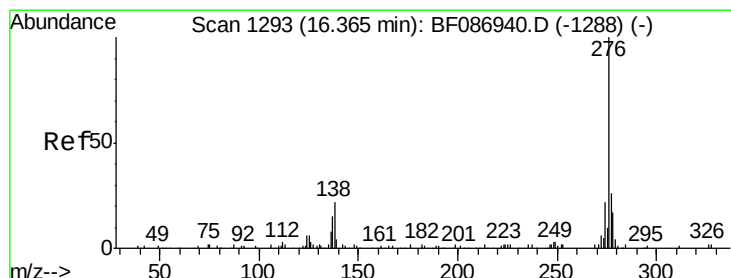
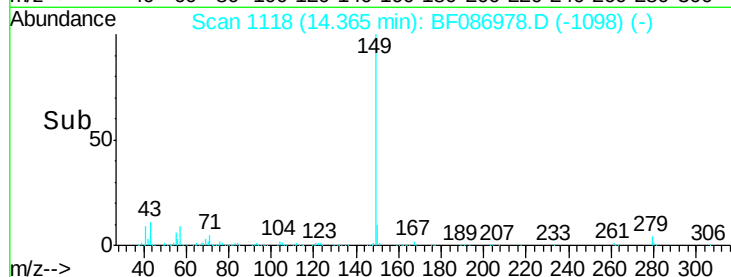
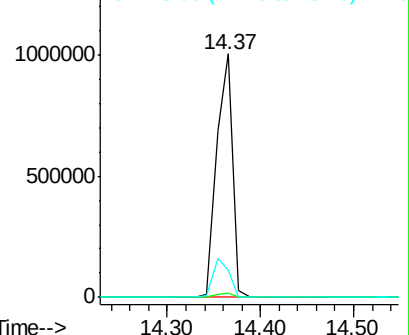
43 16.1 8.2 12.4#



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: 32.32 ng

RT: 16.37 min Scan# 1293

Delta R.T. -0.13 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

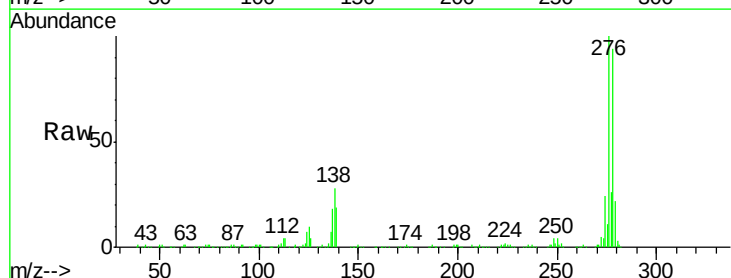
Tgt Ion:276 Resp: 748534

Ion Ratio Lower Upper

276 100

138 27.4 25.6 38.4

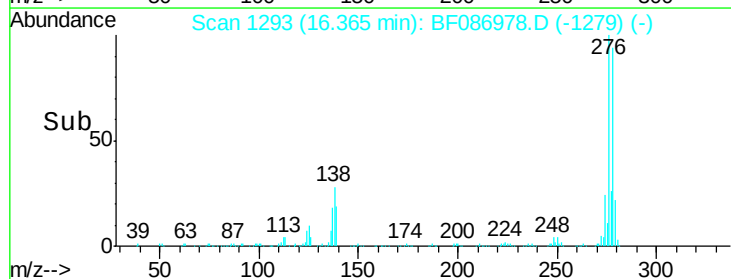
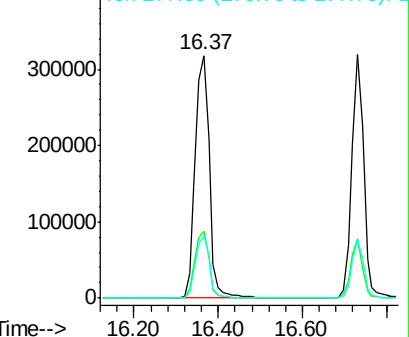
277 25.3 20.5 30.7

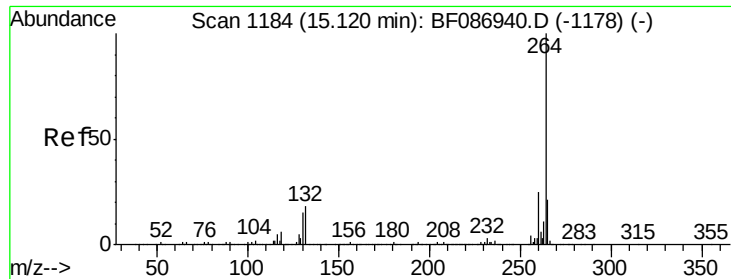


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

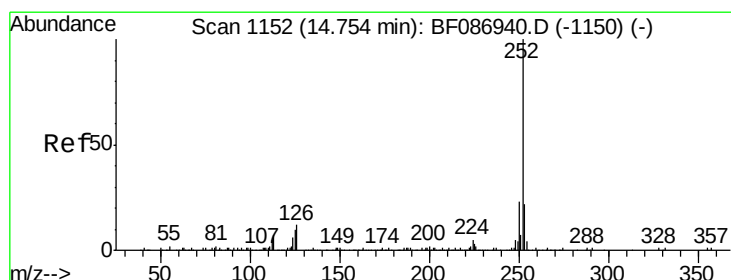
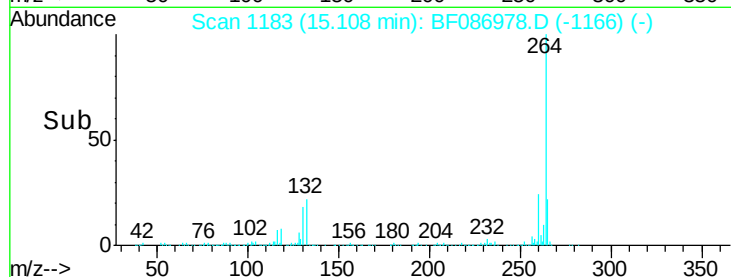
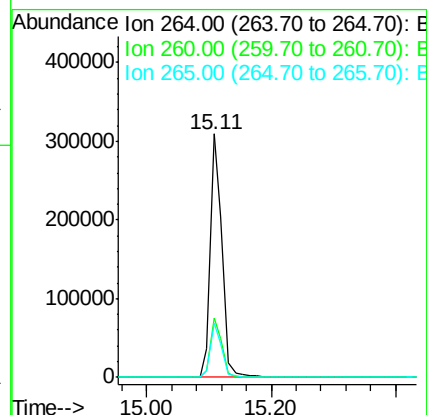
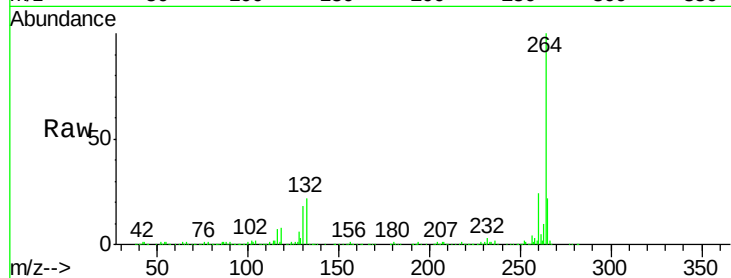




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. -0.10 min
Lab File: BF086978.D
Acq: 13 May 2016 18:38

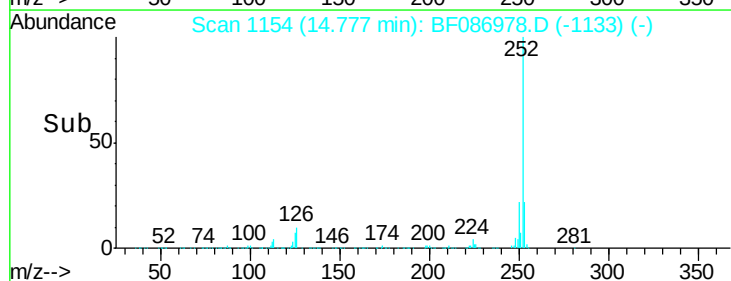
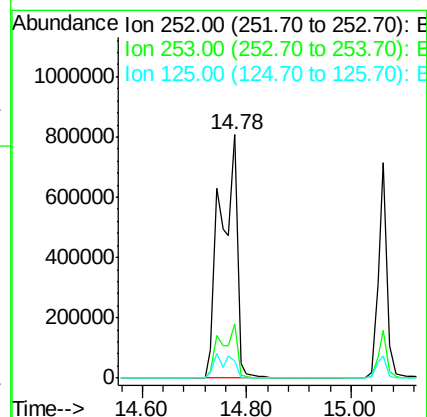
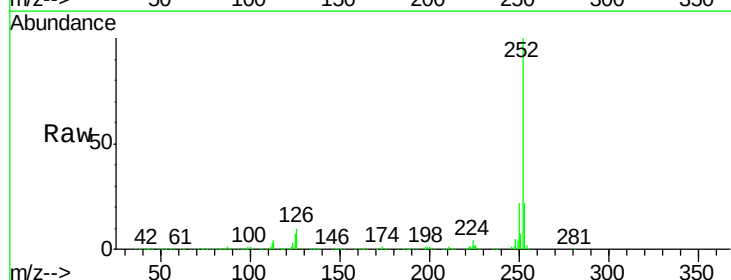
Instrument :
BNA_F
ClientSampleId :
PB90587BS

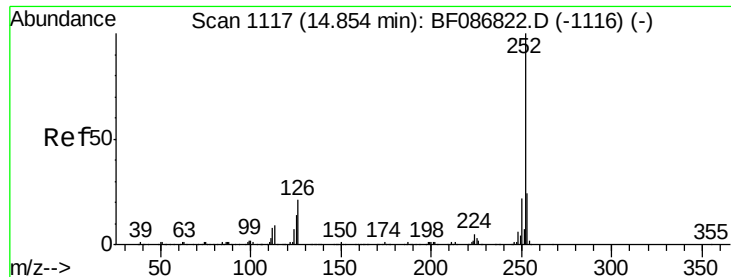
Tgt Ion: 264 Resp: 402731
Ion Ratio Lower Upper
264 100
260 24.4 19.5 29.3
265 22.4 17.3 25.9



#87
Benzo(b)fluoranthene
Concen: 68.24 ng
RT: 14.78 min Scan# 1154
Delta R.T. -0.05 min
Lab File: BF086978.D
Acq: 13 May 2016 18:38

Tgt Ion: 252 Resp: 1786211
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 6.8 11.4 17.0#





#88

Benzo(k)fluoranthene

Concen: 83.37 ng

RT: 14.78 min Scan# 1154

Delta R.T. -0.08 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

Instrument :

BNA_F

ClientSampleId :

PB90587BS

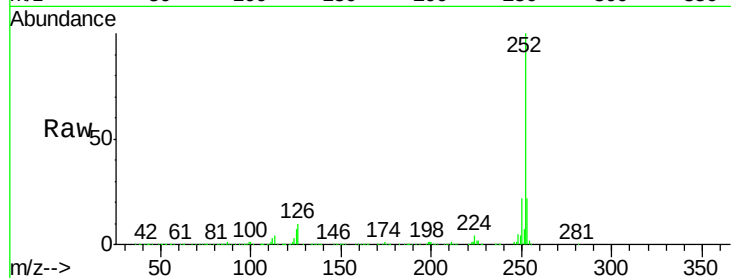
Tgt Ion:252 Resp: 1786676

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

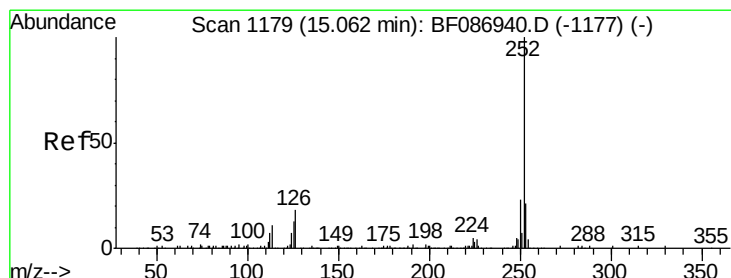
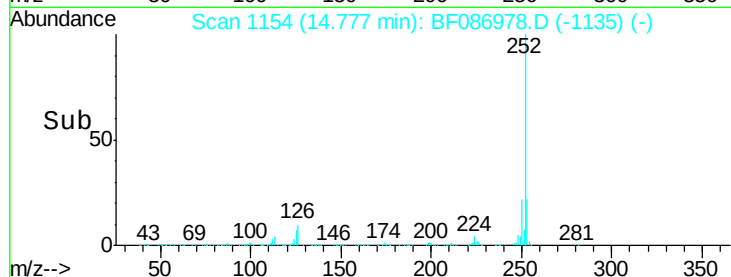
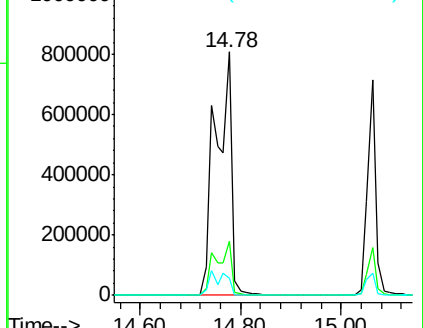
125 6.8 9.1 13.7#



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: 36.06 ng

RT: 15.06 min Scan# 1179

Delta R.T. -0.09 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

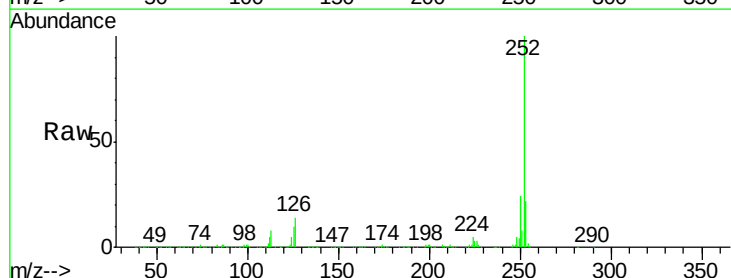
Tgt Ion:252 Resp: 814050

Ion Ratio Lower Upper

252 100

253 22.3 17.2 25.8

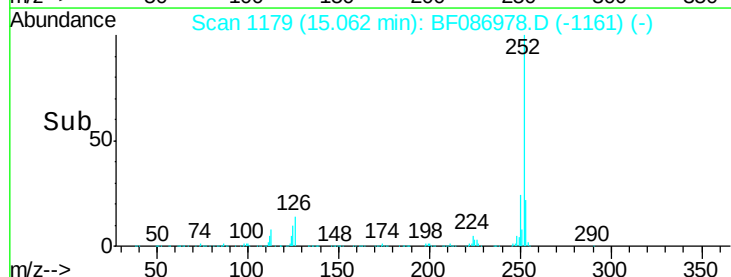
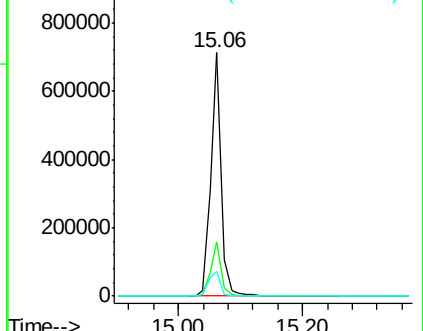
125 10.3 9.0 13.6

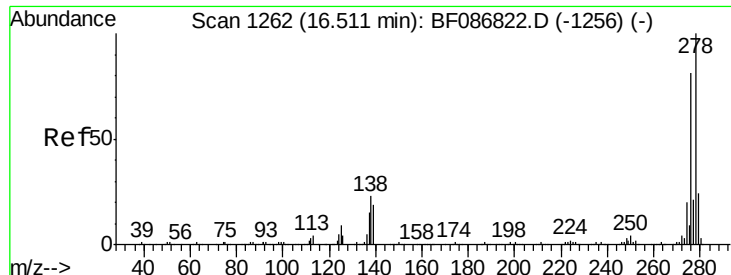


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 32.68 ng

RT: 16.38 min Scan# 1294

Delta R.T. -0.13 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

Instrument :

BNA_F

ClientSampleId :

PB90587BS

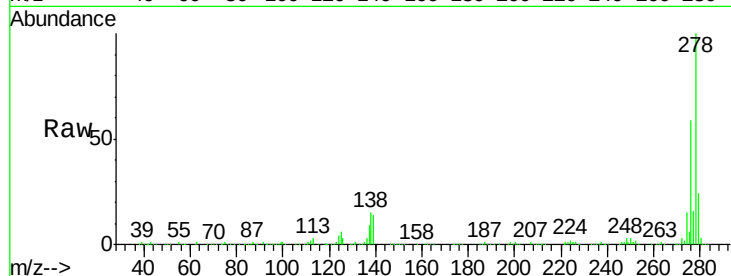
Tgt Ion: 278 Resp: 621808

Ion Ratio Lower Upper

278 100

139 14.2 16.6 24.8#

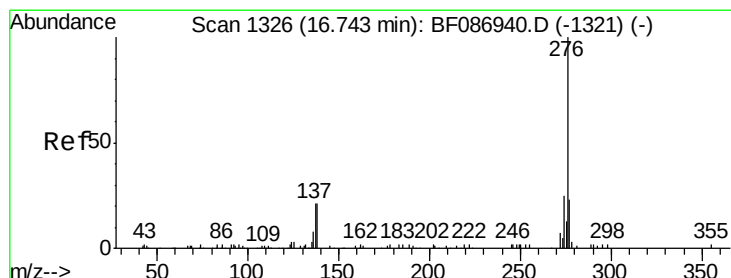
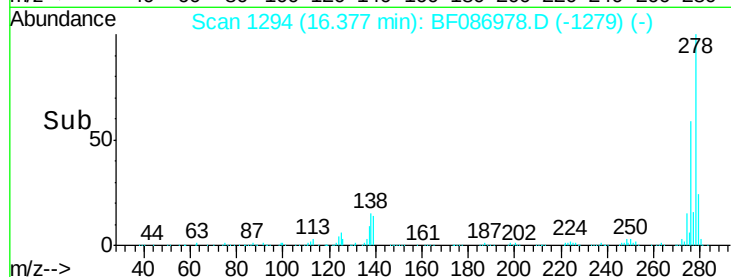
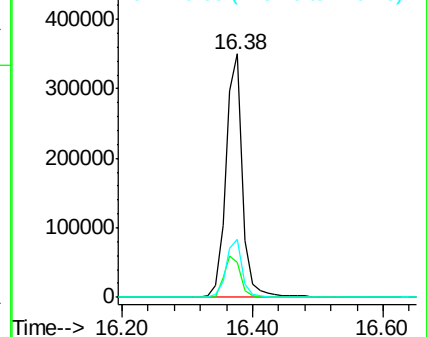
279 23.8 19.6 29.4



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: 32.52 ng

RT: 16.73 min Scan# 1325

Delta R.T. -0.16 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

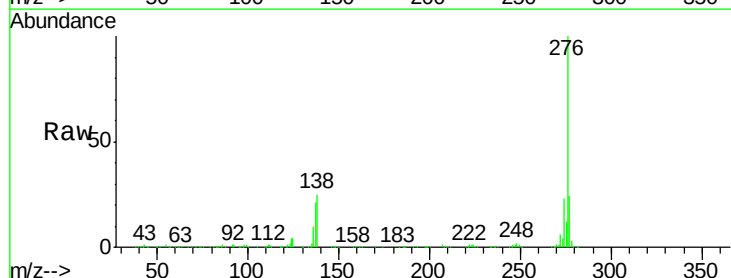
Tgt Ion: 276 Resp: 628639

Ion Ratio Lower Upper

276 100

277 23.7 19.6 29.4

138 24.5 23.6 35.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

