

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040416\
 Data File : BF086041.D
 Acq On : 4 Apr 2016 16:38
 Operator : UM/SJ
 Sample : PB89461BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89461BS

Quant Time: Apr 05 00:56:22 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	115270	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	455504	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	225070	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	429143	20.00	ng	-0.01
75) Chrysene-d12	13.92	240	350790	20.00	ng	-0.01
86) Perylene-d12	15.32	264	309754	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	819017	121.45	ng	0.00
7) Phenol-d6	6.41	99	961950	112.30	ng	-0.01
23) Nitrobenzene-d5	7.33	82	614254	79.52	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	253981	120.23	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1151898	85.10	ng	-0.01
78) Terphenyl-d14	12.87	244	1102557	73.88	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	103627	32.41	ng	99
3) Pyridine	3.07	79	250823	35.04	ng	99
4) n-Nitrosodimethylamine	3.01	42	122746	39.00	ng	99
6) Aniline	6.43	93	300284	26.72	ng	# 87
8) 2-Chlorophenol	6.54	128	306148	38.07	ng	92
9) Benzaldehyde	6.32	77	112716	24.46	ng	92
10) Phenol	6.42	94	348854	35.70	ng	88
11) bis(2-Chloroethyl)ether	6.50	93	268246	34.67	ng	94
12) 1,3-Dichlorobenzene	6.70	146	306290	35.93	ng	99
13) 1,4-Dichlorobenzene	6.77	146	314360	35.80	ng	98
14) 1,2-Dichlorobenzene	6.93	146	300256	37.15	ng	100
15) Benzyl Alcohol	6.91	79	226625	40.89	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.05	45	338857	35.85	ng	90
17) 2-Methylphenol	7.04	107	254948	40.21	ng	97
18) Hexachloroethane	7.26	117	114395	35.42	ng	# 80
19) n-Nitroso-di-n-propylamine	7.18	70	203372	38.30	ng	98
20) 3+4-Methylphenols	7.18	107	319323	41.41	ng	# 88
22) Acetophenone	7.17	105	406619	37.97	ng	# 95
24) Nitrobenzene	7.36	77	309513	36.63	ng	# 82
25) Isophorone	7.60	82	597835	39.21	ng	# 93
26) 2-Nitrophenol	7.66	139	159762	39.52	ng	# 83
27) 2,4-Dimethylphenol	7.71	122	273549	37.67	ng	98
28) bis(2-Chloroethoxy)methane	7.80	93	355173	39.70	ng	98
29) 2,4-Dichlorophenol	7.92	162	249173	40.59	ng	96
30) 1,2,4-Trichlorobenzene	8.00	180	260647	37.82	ng	94
31) Naphthalene	8.06	128	851460	37.16	ng	100
32) Benzoic acid	7.86	122	175611	32.96	ng	98
33) 4-Chloroaniline	8.13	127	159378	17.22	ng	98
34) Hexachlorobutadiene	8.19	225	134634	36.34	ng	99
35) Caprolactam	8.50	113	46081	23.66	ng	97
36) 4-Chloro-3-methylphenol	8.62	107	295375	42.80	ng	89
37) 2-Methylnaphthalene	8.76	142	581664	38.86	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	238212	35.21	ng	99
40) Hexachlorocyclopentadiene	8.91	237	182895	76.18	ng	99

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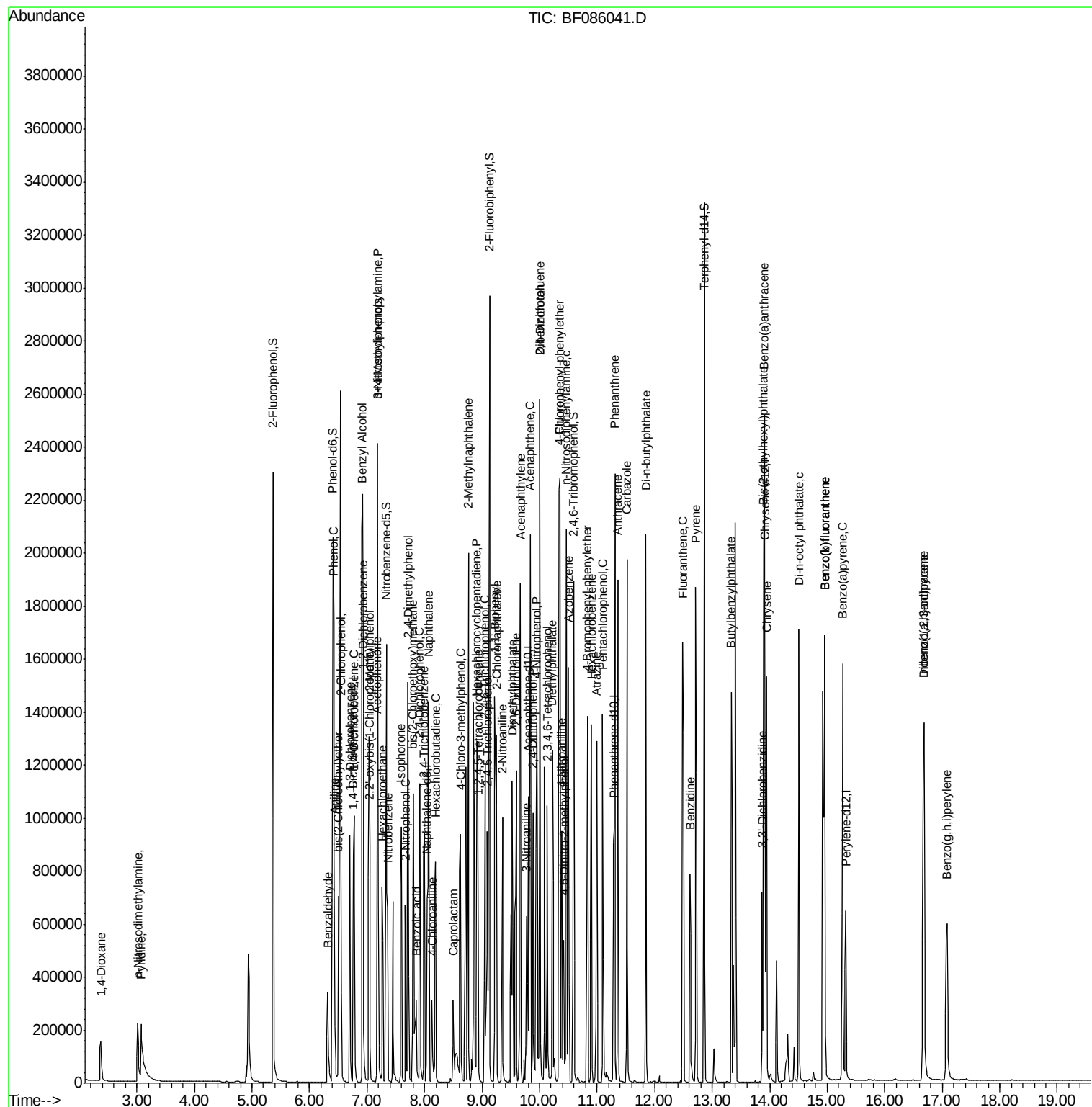
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	172004	39.60	ng	99
43) 2,4,5-Trichlorophenol	9.09	196	175263	39.74	ng	# 95
45) 1,1'-Biphenyl	9.22	154	691253	35.62	ng	99
46) 2-Chloronaphthalene	9.25	162	536628	38.15	ng	99
47) 2-Nitroaniline	9.36	65	183362	44.55	ng	85
48) Acenaphthylene	9.66	152	883238	39.19	ng	99
49) Dimethylphthalate	9.53	163	633268	37.96	ng	99
50) 2,6-Dinitrotoluene	9.60	165	145461	41.21	ng	88
51) Acenaphthene	9.84	154	523532	39.06	ng	100
52) 3-Nitroaniline	9.77	138	109861	25.83	ng	93
53) 2,4-Dinitrophenol	9.88	184	141820	64.81	ng	# 81
54) Dibenzofuran	10.01	168	723764	40.89	ng	99
55) 4-Nitrophenol	9.95	139	226811	90.45	ng	# 81
56) 2,4-Dinitrotoluene	10.01	165	195119	43.75	ng	# 75
57) Fluorene	10.35	166	612179	40.49	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.13	232	150283	45.77	ng	94
59) Diethylphthalate	10.22	149	635510	37.74	ng	97
60) 4-Chlorophenyl-phenylether	10.34	204	265533	37.70	ng	100
61) 4-Nitroaniline	10.38	138	172844	41.26	ng	92
62) Azobenzene	10.50	77	689081	42.73	ng	98
64) 4,6-Dinitro-2-methylphenol	10.42	198	104999	40.37	ng	# 57
65) n-Nitrosodiphenylamine	10.46	169	549665	40.96	ng	98
66) 4-Bromophenyl-phenylether	10.83	248	176931	40.38	ng	97
67) Hexachlorobenzene	10.90	284	190143	41.97	ng	98
68) Atrazine	10.99	200	162922	37.57	ng	97
69) Pentachlorophenol	11.09	266	167513	78.89	ng	98
70) Phenanthrene	11.31	178	957503	40.90	ng	100
71) Anthracene	11.36	178	905013	36.90	ng	100
72) Carbazole	11.52	167	803917	38.13	ng	99
73) Di-n-butylphthalate	11.85	149	1049096	40.16	ng	100
74) Fluoranthene	12.49	202	935570	38.42	ng	100
76) Benzidine	12.61	184	422789	34.16	ng	100
77) Pyrene	12.72	202	966023	39.08	ng	99
79) Butylbenzylphthalate	13.33	149	449226	40.36	ng	# 68
80) Benzo(a)anthracene	13.91	228	801176	38.75	ng	99
81) 3,3'-Dichlorobenzidine	13.87	252	141000	9.34	ng	99
82) Chrysene	13.95	228	801541	40.24	ng	100
83) Bis(2-ethylhexyl)phthalate	13.89	149	577526	39.09	ng	100
84) Di-n-octyl phthalate	14.51	149	1076749	45.64	ng	98
85) Indeno(1,2,3-cd)pyrene	16.68	276	636284	39.37	ng	99
87) Benzo(b)fluoranthene	14.96	252	1537959	78.93	ng	# 96
88) Benzo(k)fluoranthene	14.96	252	1538721	89.18	ng	99
89) Benzo(a)pyrene	15.27	252	704294	40.79	ng	99
90) Dibenzo(a,h)anthracene	16.68	278	530735	38.21	ng	99
91) Benzo(g,h,i)perylene	17.08	276	512491	38.12	ng	95

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

Instrument :

BNA_F

ClientSampleId :

PB89461BS

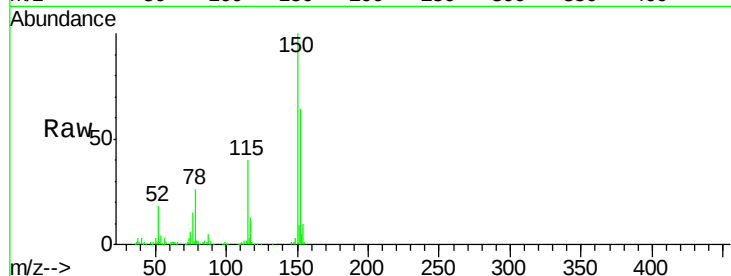
Tgt Ion:152 Resp: 115270

Ion Ratio Lower Upper

152 100

150 155.2 124.2 186.2

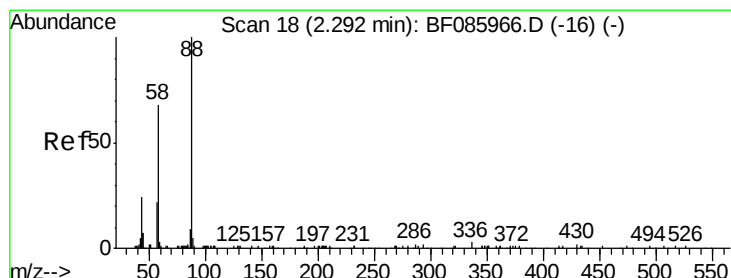
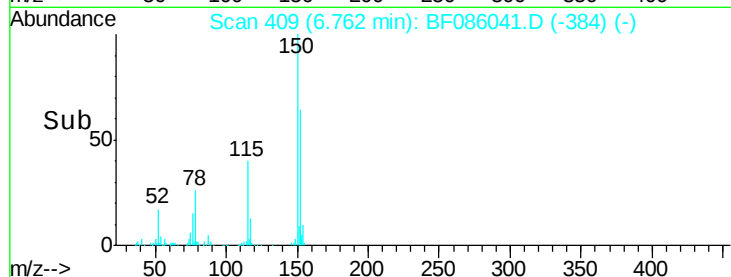
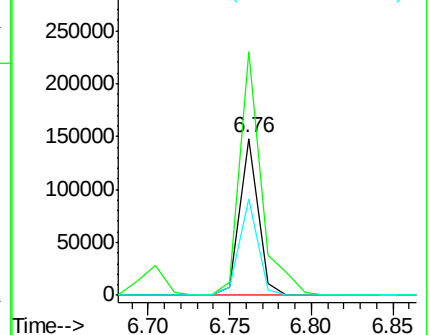
115 61.7 47.0 70.6



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: 32.41 ng

RT: 2.37 min Scan# 25

Delta R.T. 0.08 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

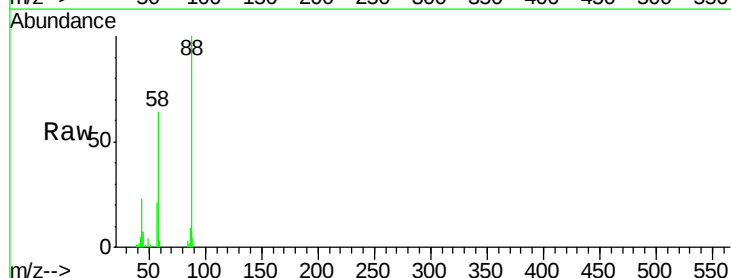
Tgt Ion: 88 Resp: 103627

Ion Ratio Lower Upper

88 100

58 66.8 54.2 81.2

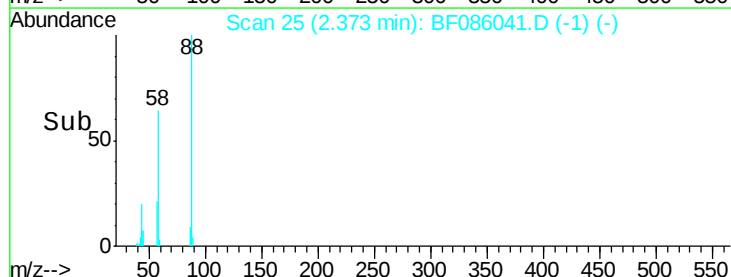
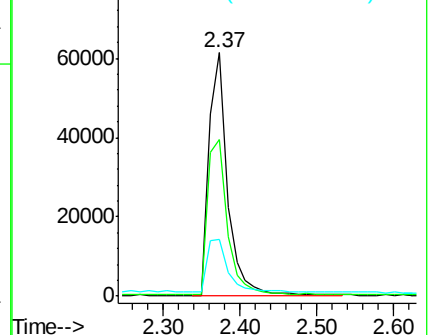
43 24.7 19.3 28.9

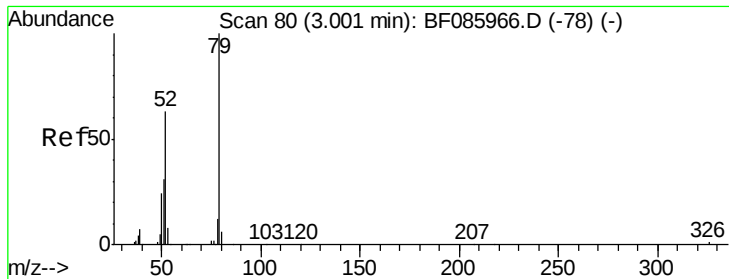


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 35.04 ng

RT: 3.07 min Scan# 86

Delta R.T. 0.07 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

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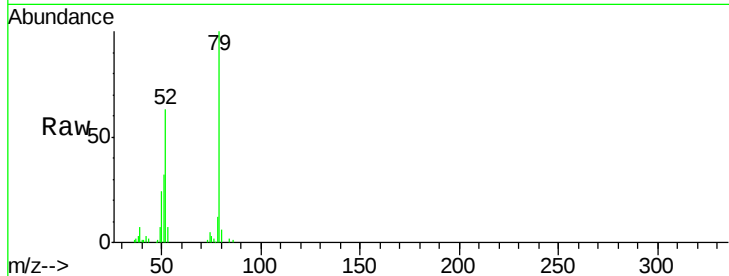
Tgt Ion: 79 Resp: 250823

Ion Ratio Lower Upper

79 100

52 62.6 49.8 74.6

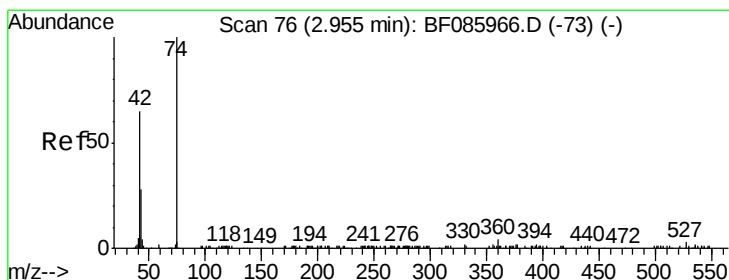
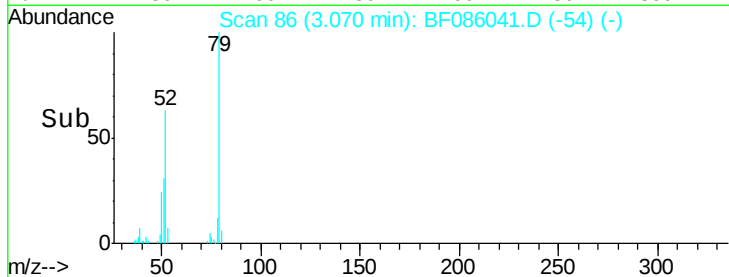
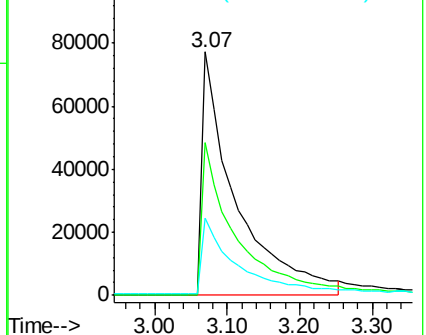
51 31.8 24.7 37.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 39.00 ng

RT: 3.01 min Scan# 81

Delta R.T. 0.06 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

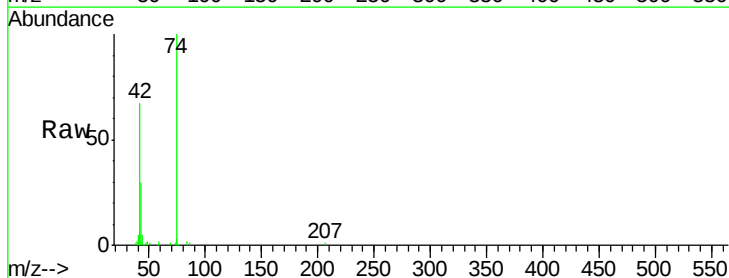
Tgt Ion: 42 Resp: 122746

Ion Ratio Lower Upper

42 100

74 150.3 121.4 182.2

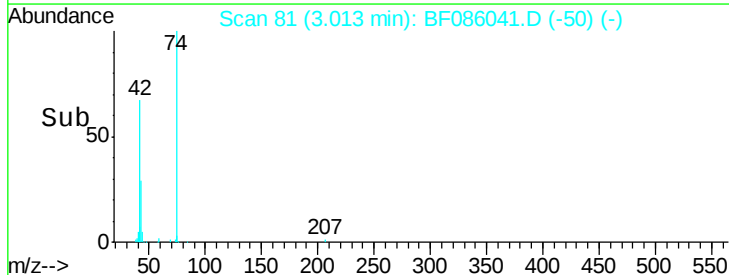
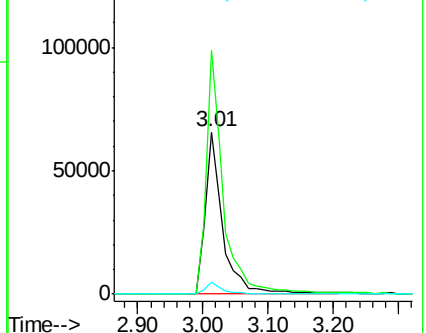
44 7.0 5.6 8.4

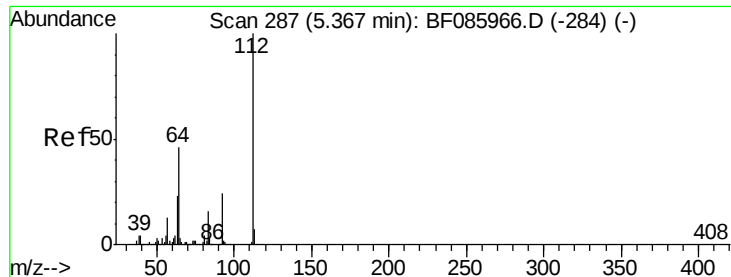


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 121.45 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

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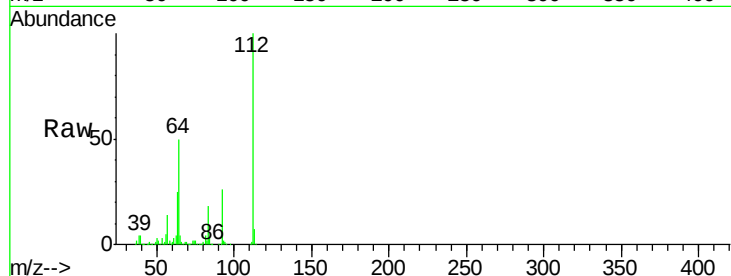
Tgt Ion: 112 Resp: 819017

Ion Ratio Lower Upper

112 100

64 50.1 39.9 59.9

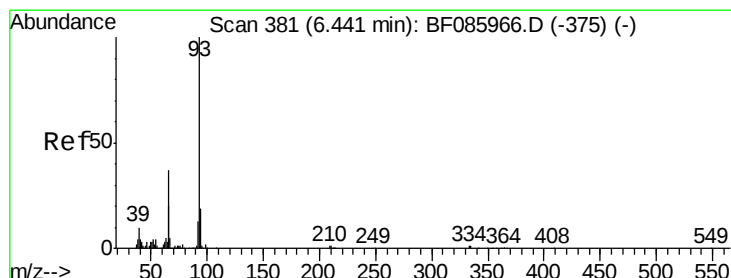
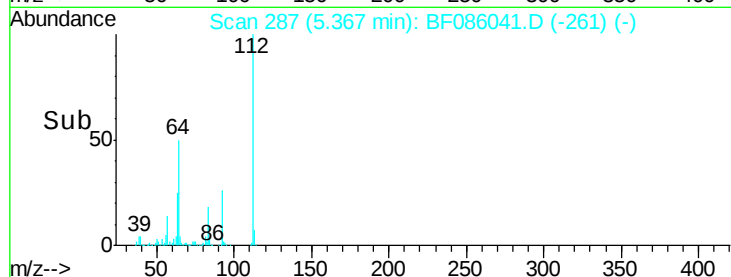
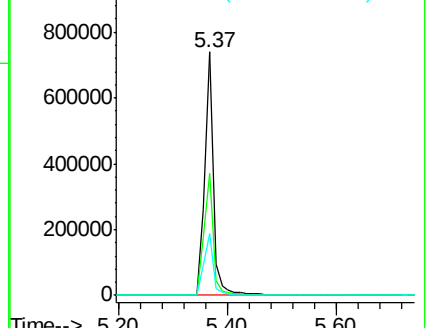
63 25.2 20.2 30.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 26.72 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

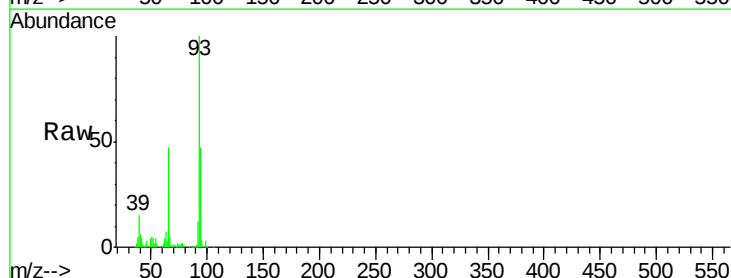
Tgt Ion: 93 Resp: 300284

Ion Ratio Lower Upper

93 100

66 46.7 31.4 47.2

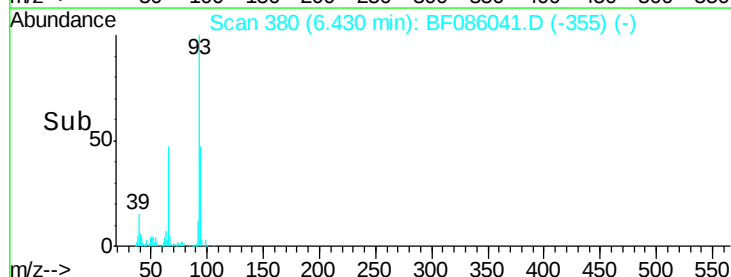
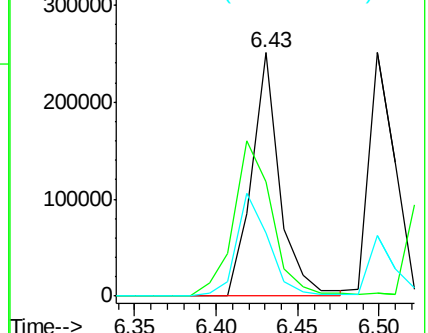
65 26.0 15.7 23.5#

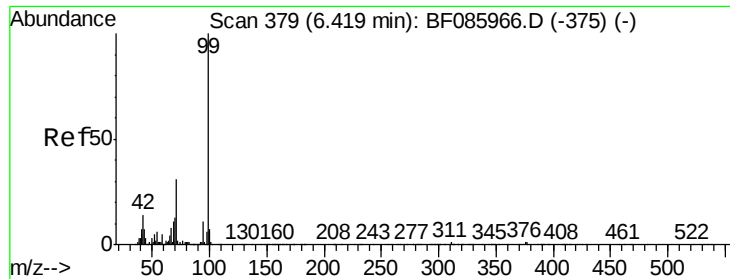


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 112.30 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

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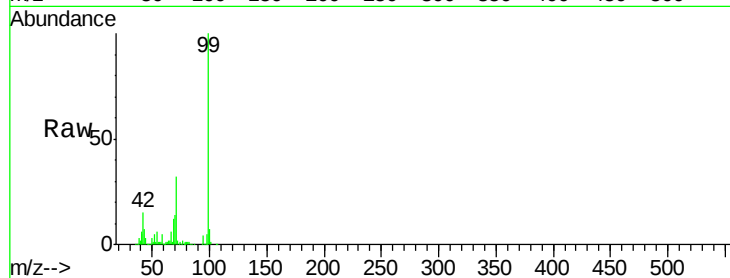
Tgt Ion: 99 Resp: 961950

Ion Ratio Lower Upper

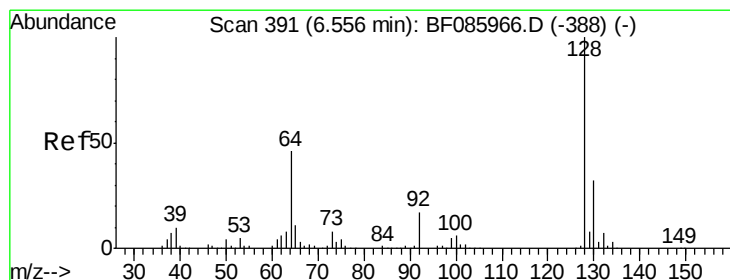
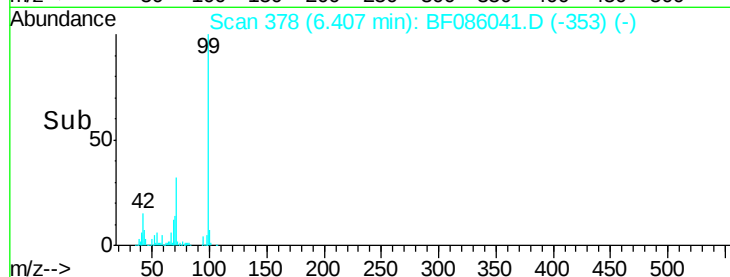
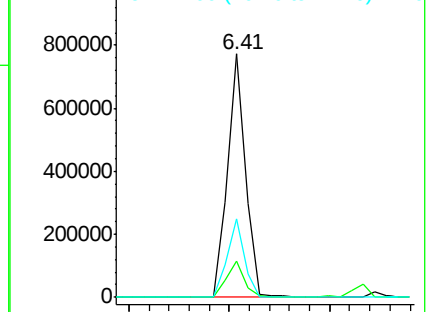
99 100

42 14.8 11.1 16.7

71 32.4 24.9 37.3



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: 38.07 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

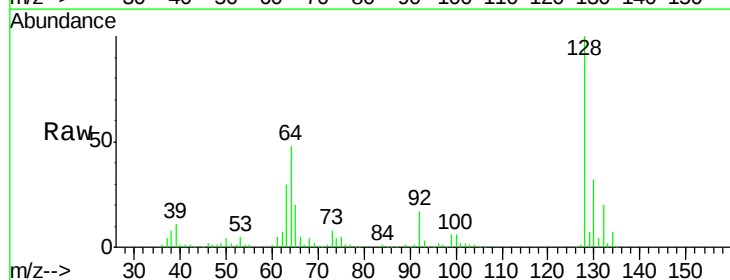
Tgt Ion: 128 Resp: 306148

Ion Ratio Lower Upper

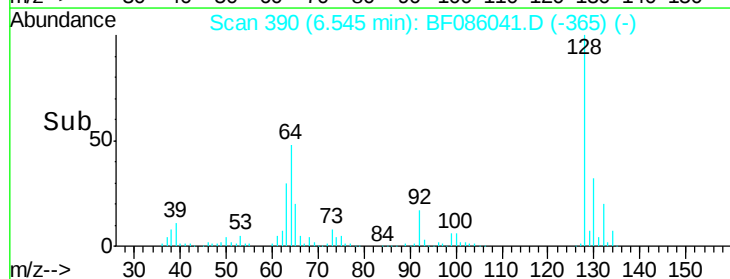
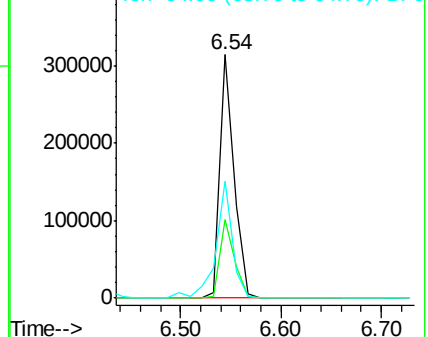
128 100

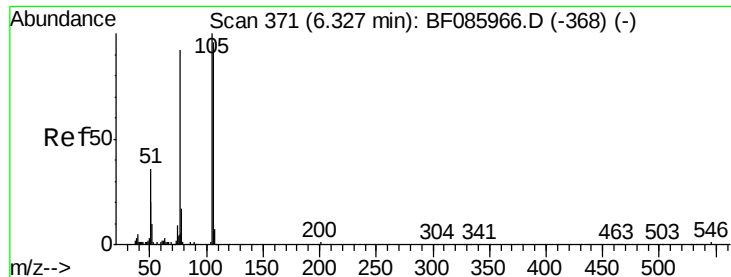
130 32.1 12.9 52.9

64 48.0 20.2 60.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 24.46 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.01 min

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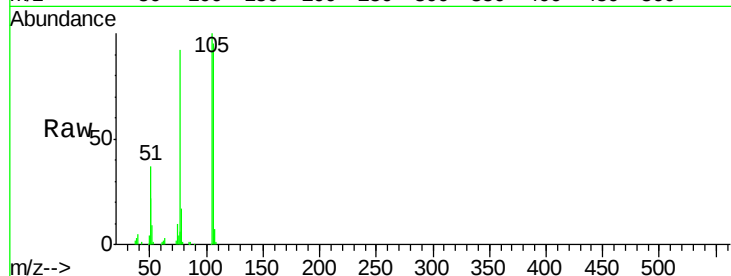
Tgt Ion: 77 Resp: 112716

Ion Ratio Lower Upper

77 100

105 108.3 80.1 120.1

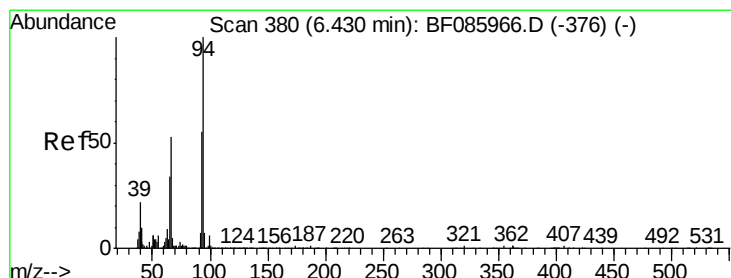
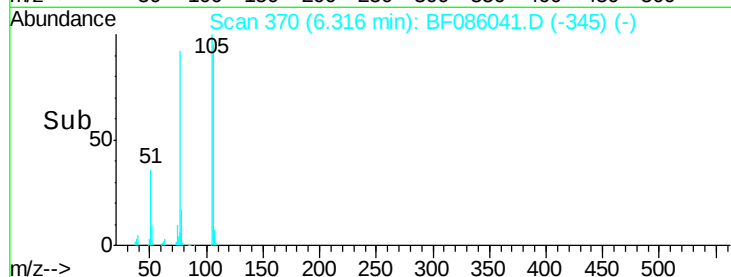
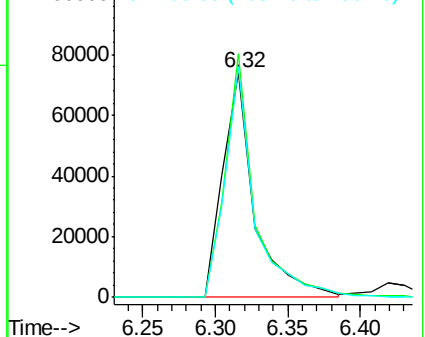
106 102.8 75.0 115.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 35.70 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

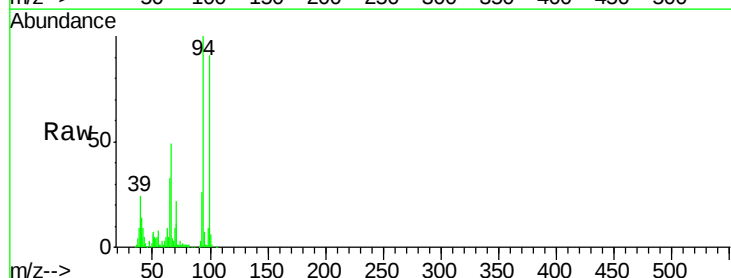
Tgt Ion: 94 Resp: 348854

Ion Ratio Lower Upper

94 100

65 32.6 8.6 48.6

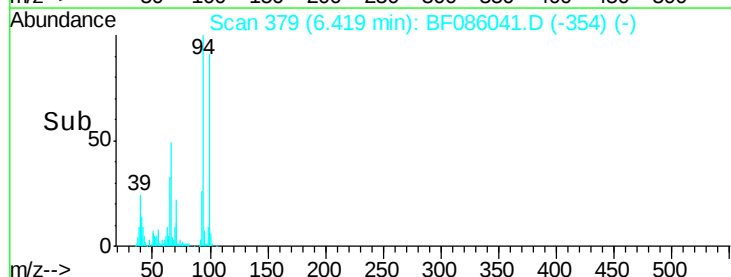
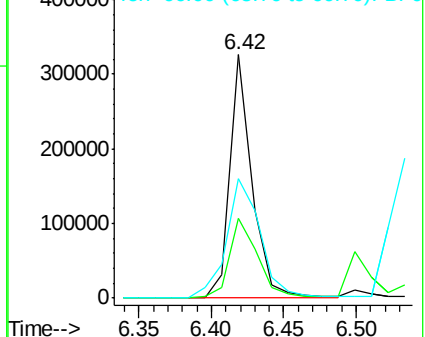
66 49.2 20.0 60.0

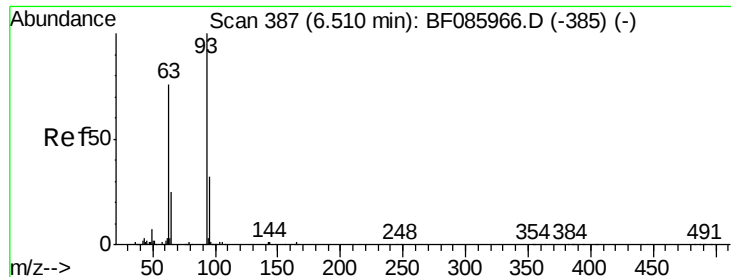


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

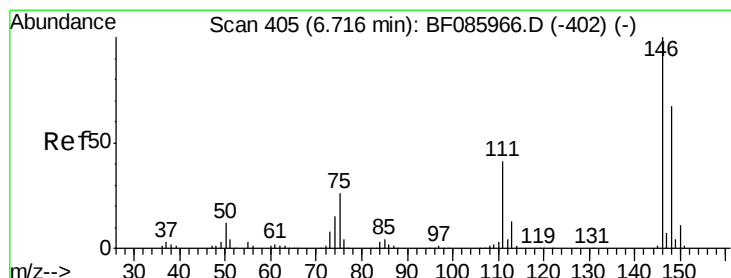
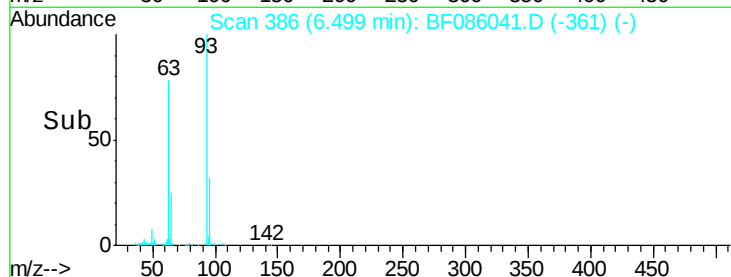
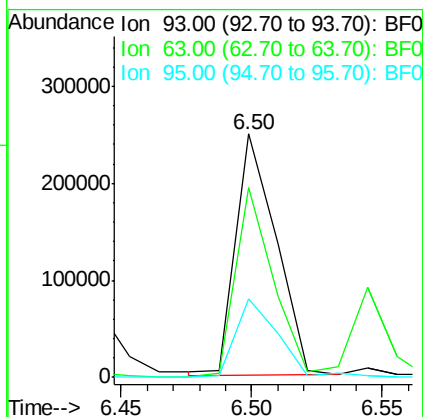
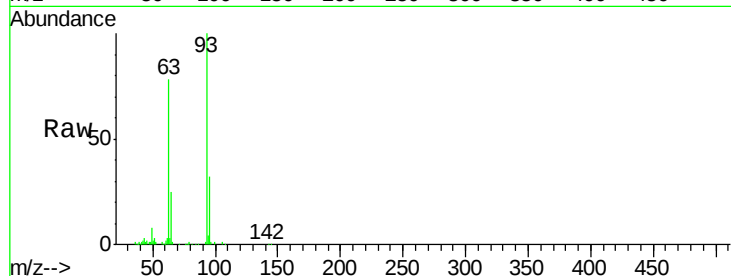




#11
bis(2-Chloroethyl)ether
Concen: 34.67 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.01 min
Lab File: BF086041.D
Acq: 4 Apr 2016 16:38

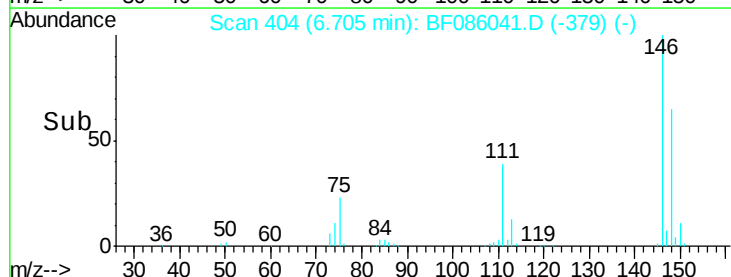
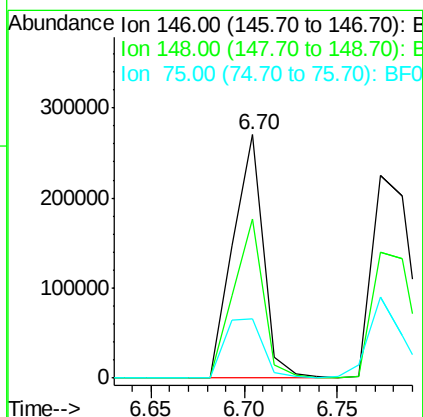
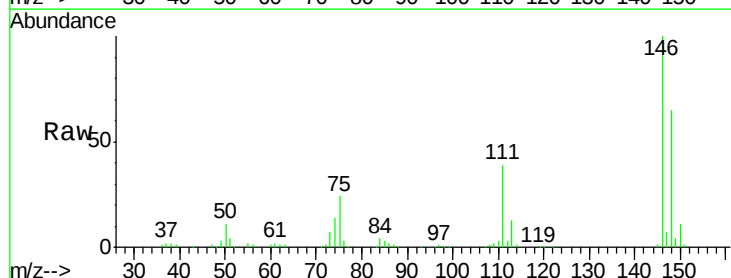
Instrument :
BNA_F
ClientSampleId :
PB89461BS

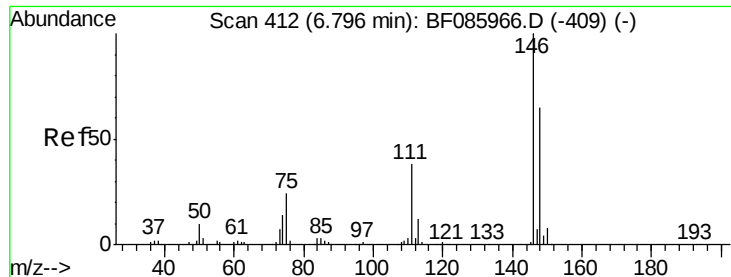
Tgt Ion: 93 Resp: 268246
Ion Ratio Lower Upper
93 100
63 78.0 50.9 90.9
95 32.4 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 35.93 ng
RT: 6.70 min Scan# 404
Delta R.T. -0.01 min
Lab File: BF086041.D
Acq: 4 Apr 2016 16:38

Tgt Ion: 146 Resp: 306290
Ion Ratio Lower Upper
146 100
148 65.2 52.3 78.5
75 24.3 17.4 26.2





#13

1,4-Dichlorobenzene

Concen: 35.80 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.02 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

Instrument :

BNA_F

ClientSampleId :

PB89461BS

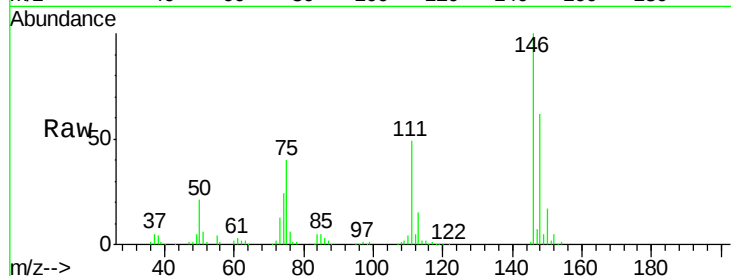
Tgt Ion:146 Resp: 314360

Ion Ratio Lower Upper

146 100

148 62.0 50.6 76.0

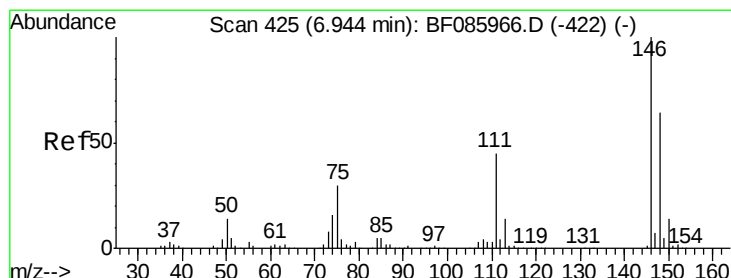
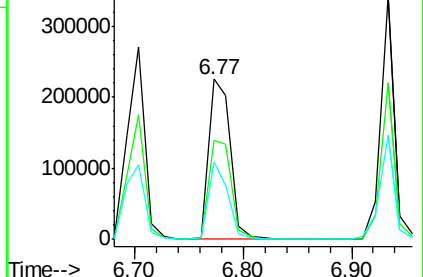
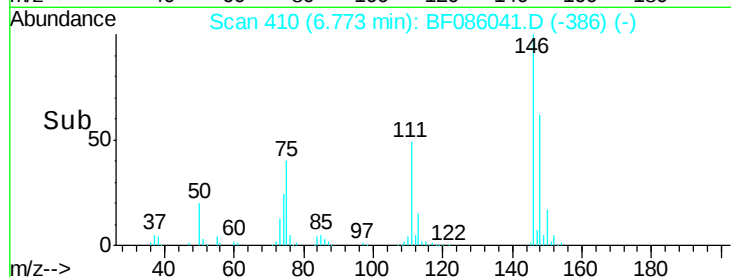
111 48.6 37.8 56.6



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: 37.15 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

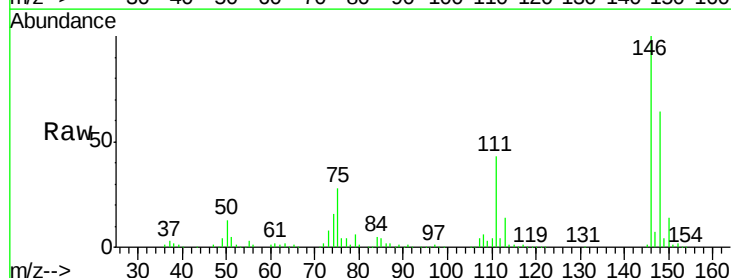
Tgt Ion:146 Resp: 300256

Ion Ratio Lower Upper

146 100

148 64.1 51.4 77.2

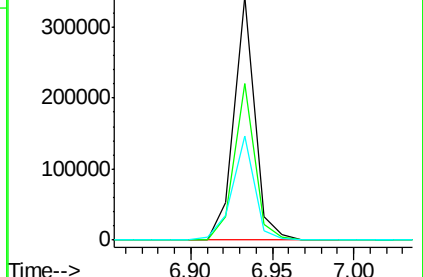
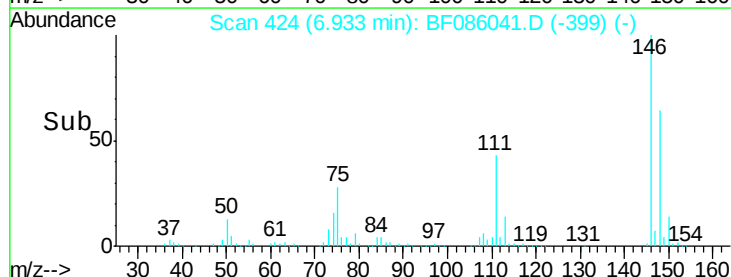
111 42.9 34.6 52.0

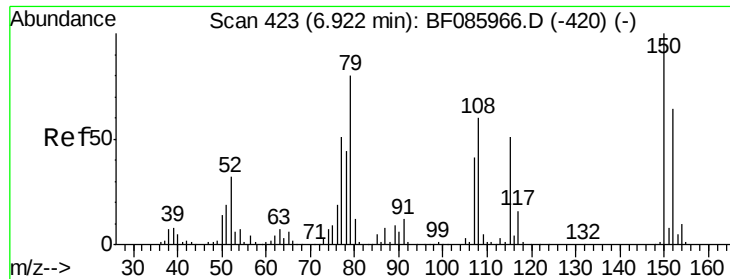


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

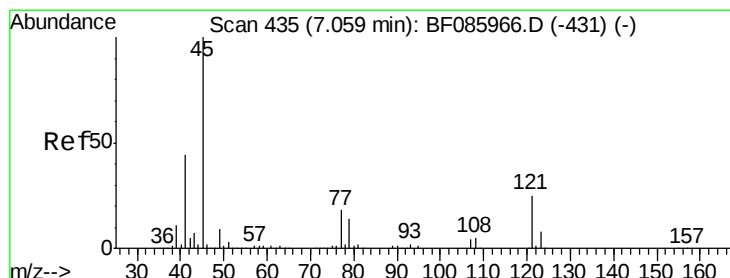
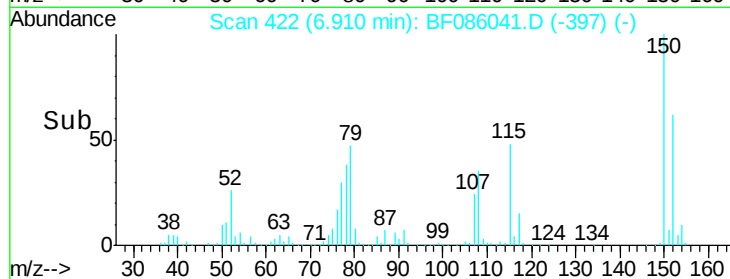
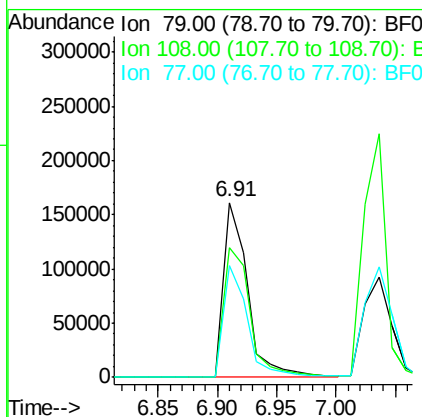
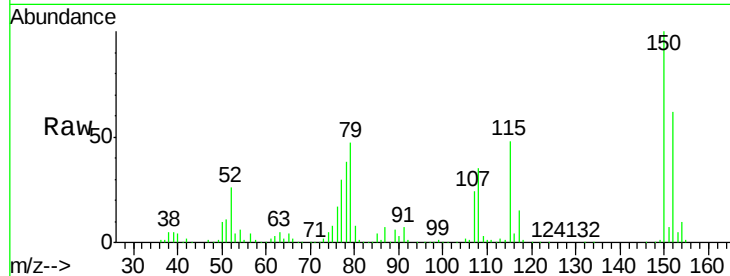




#15
Benzyl Alcohol
Concen: 40.89 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF086041.D
Acq: 4 Apr 2016 16:38

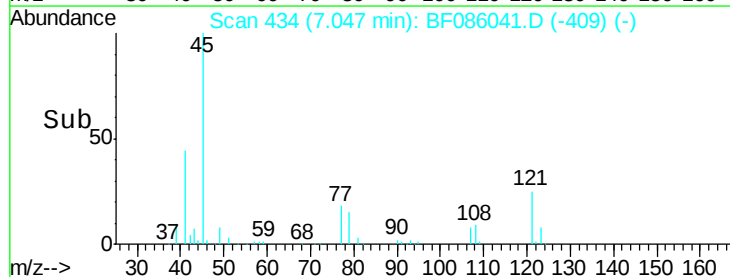
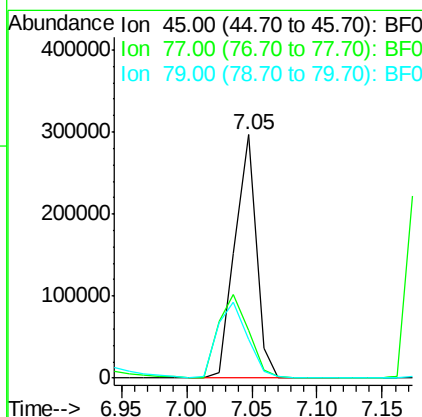
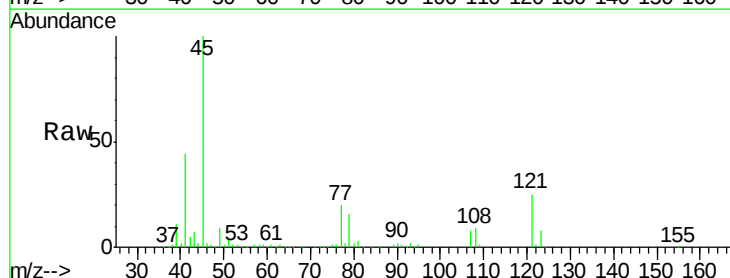
Instrument :
BNA_F
ClientSampleId :
PB89461BS

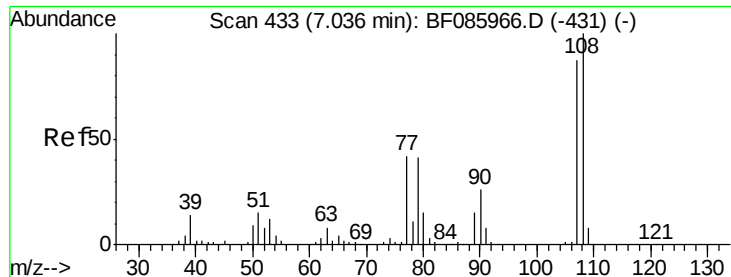
Tgt Ion: 79 Resp: 226625
Ion Ratio Lower Upper
79 100
108 74.3 61.8 92.6
77 64.0 49.6 74.4



#16
2,2'-oxybis(1-chloropropane)
Concen: 35.85 ng
RT: 7.05 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF086041.D
Acq: 4 Apr 2016 16:38

Tgt Ion: 45 Resp: 338857
Ion Ratio Lower Upper
45 100
77 19.6 0.0 35.7
79 16.0 0.0 32.2

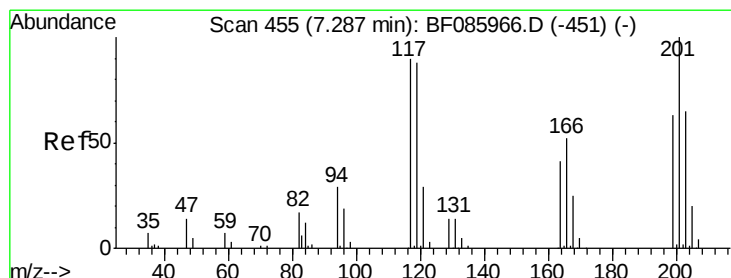
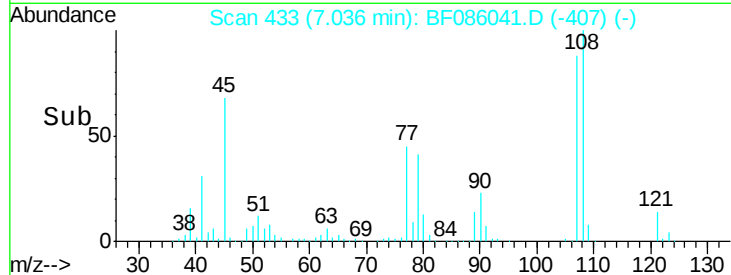
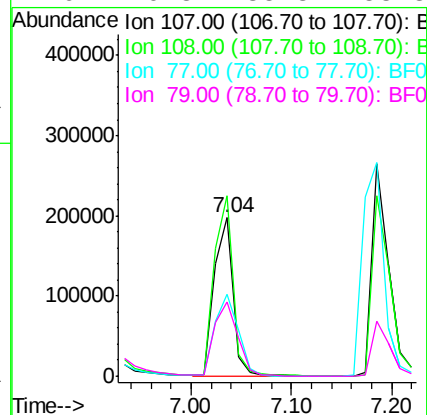
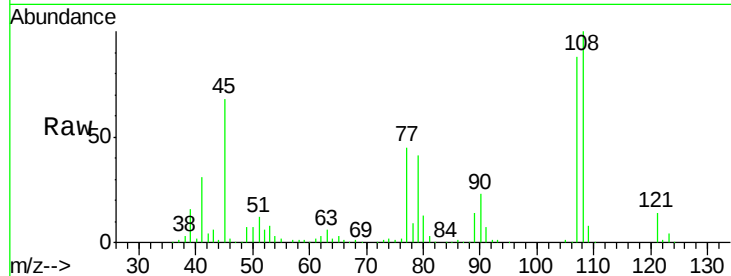




#17
 2-Methylphenol
 Concen: 40.21 ng
 RT: 7.04 min Scan# 433
 Delta R.T. 0.00 min
 Lab File: BF086041.D
 Acq: 4 Apr 2016 16:38

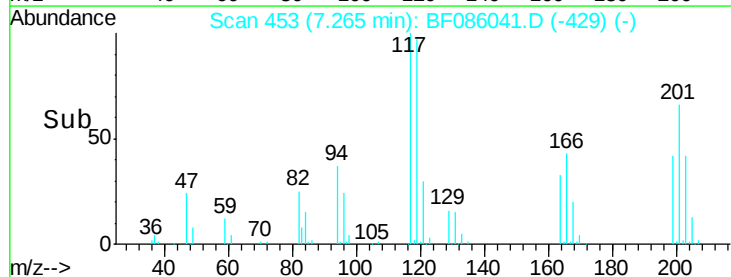
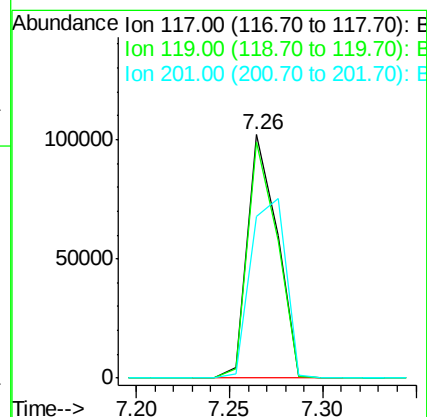
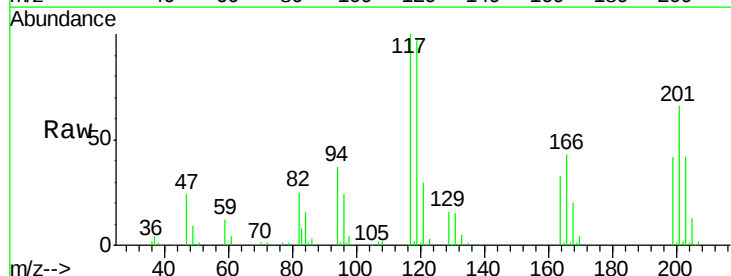
Instrument :
 BNA_F
 ClientSampleId :
 PB89461BS

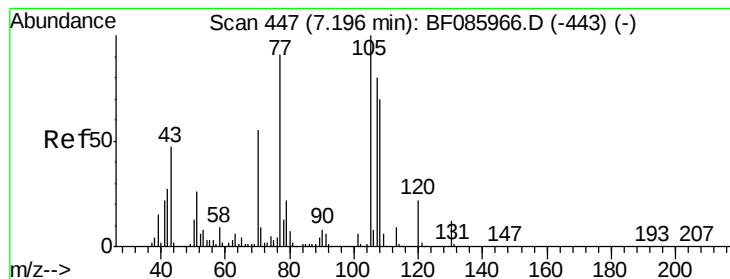
Tgt Ion:107 Resp: 254948
 Ion Ratio Lower Upper
 107 100
 108 113.5 91.4 137.0
 77 51.6 36.2 54.2
 79 46.8 35.8 53.8



#18
 Hexachloroethane
 Concen: 35.42 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.02 min
 Lab File: BF086041.D
 Acq: 4 Apr 2016 16:38

Tgt Ion:117 Resp: 114395
 Ion Ratio Lower Upper
 117 100
 119 96.9 76.7 115.1
 201 66.3 83.3 124.9#





#19

n-Nitroso-di-n-propylamine

Concen: 38.30 ng

RT: 7.18 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

Instrument :

BNA_F

ClientSampleId :

PB89461BS

Tgt Ion: 70 Resp: 203372

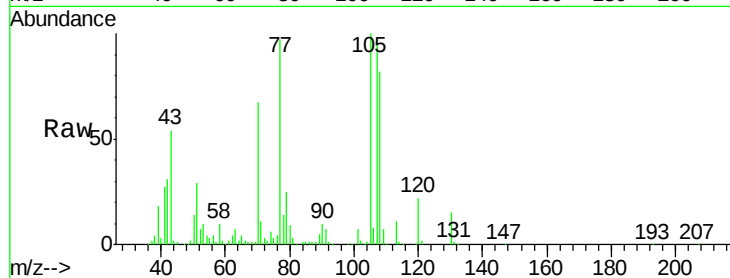
Ion Ratio Lower Upper

70 100

42 46.8 37.1 55.7

101 9.7 8.6 12.8

130 21.6 19.6 29.4

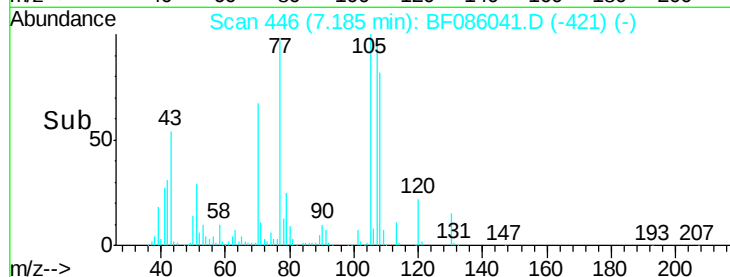
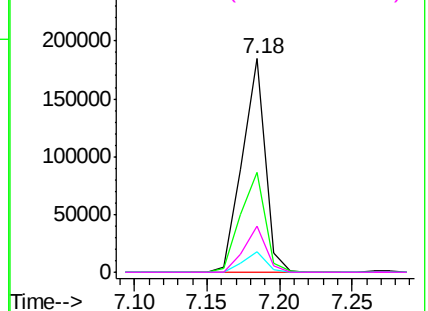


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 41.41 ng

RT: 7.18 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

Tgt Ion: 107 Resp: 319323

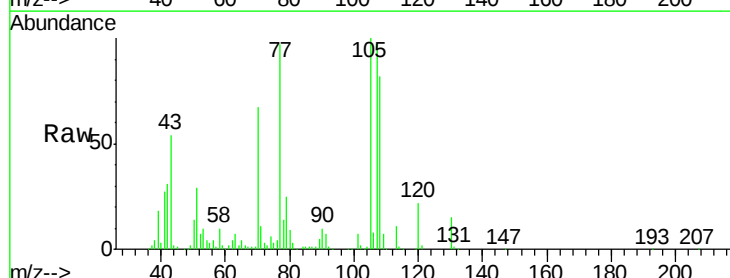
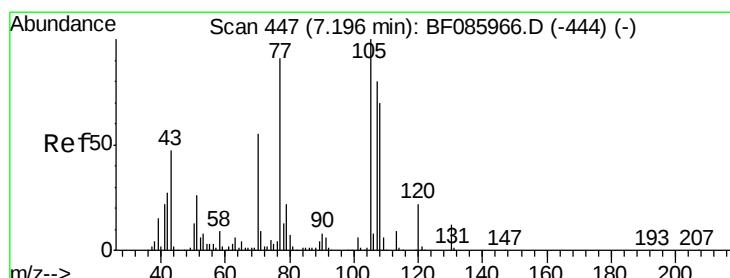
Ion Ratio Lower Upper

107 100

108 85.0 69.3 109.3

77 100.3 101.7 141.7#

79 25.9 8.3 48.3

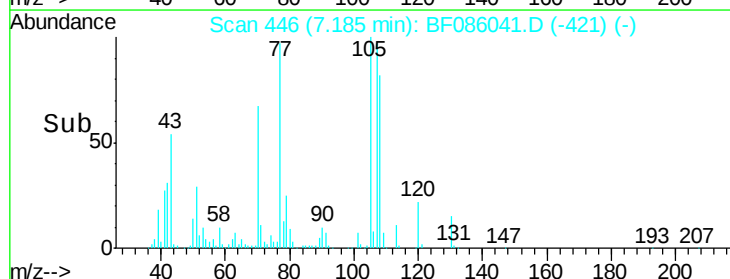
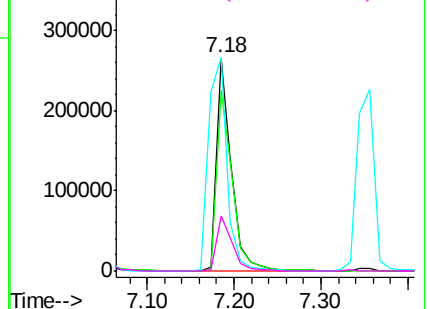


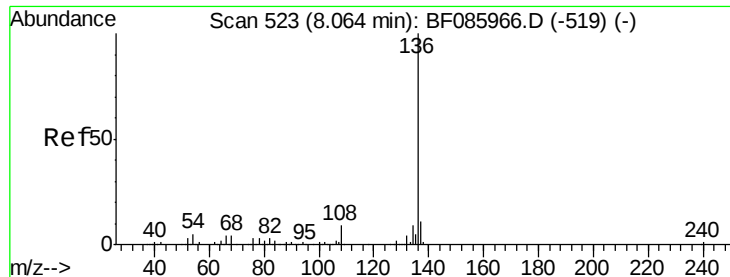
Abundance Ion 107.00 (106.70 to 107.70): E

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

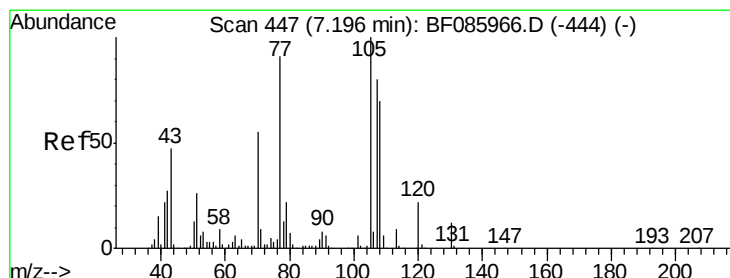
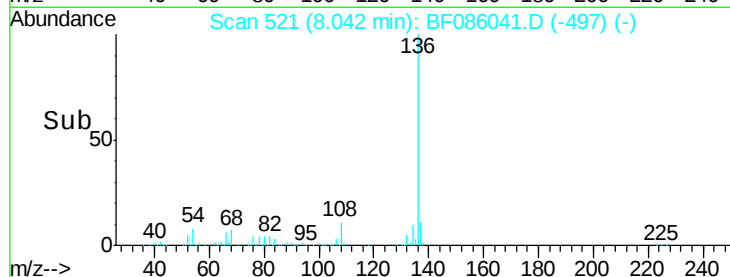
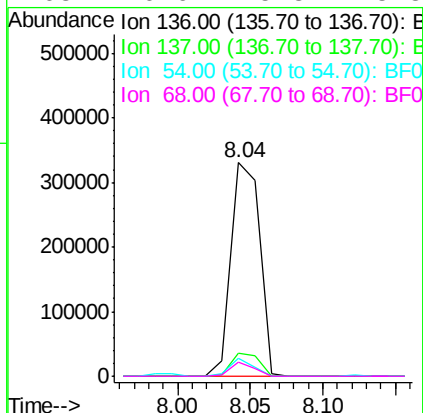
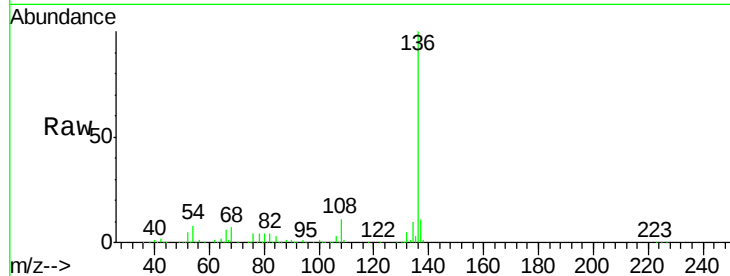




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF086041.D
Acq: 4 Apr 2016 16:38

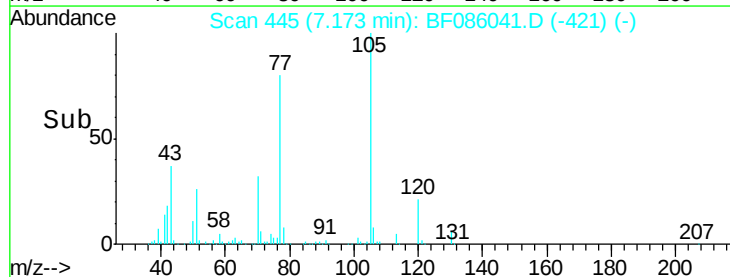
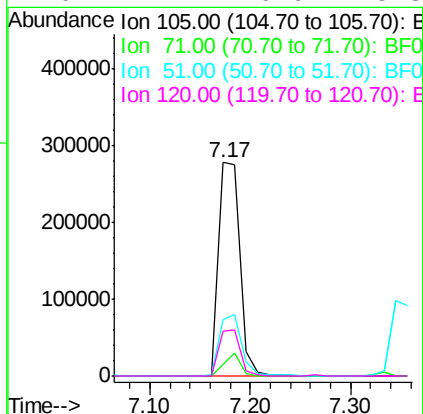
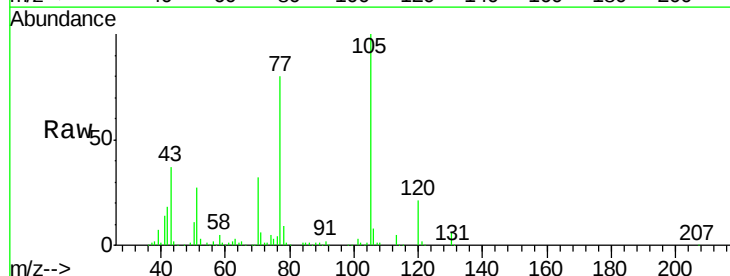
Instrument :
BNA_F
ClientSampleId :
PB89461BS

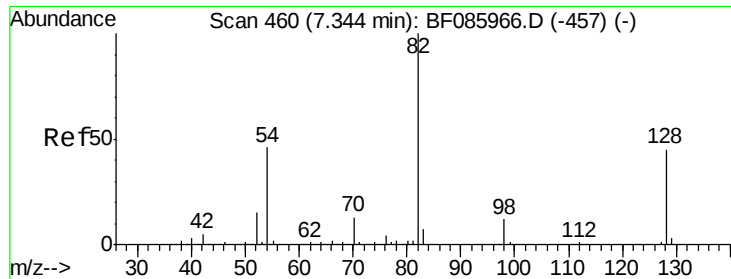
Tgt Ion:	136	Resp:	455504
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	8.4	7.4	11.0
68	6.6	5.8	8.8



#22
Acetophenone
Concen: 37.97 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.02 min
Lab File: BF086041.D
Acq: 4 Apr 2016 16:38

Tgt Ion:	105	Resp:	406619
Ion	Ratio	Lower	Upper
105	100		
71	5.6	3.6	5.4#
51	26.5	25.4	38.0
120	21.1	16.9	25.3

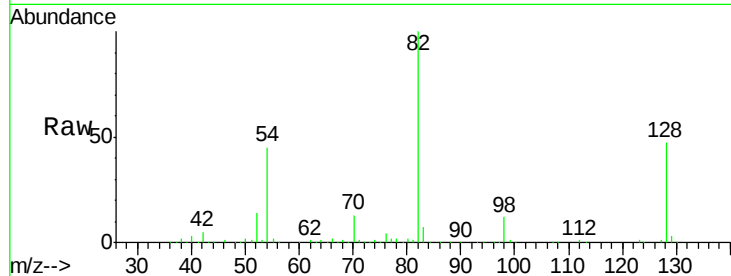




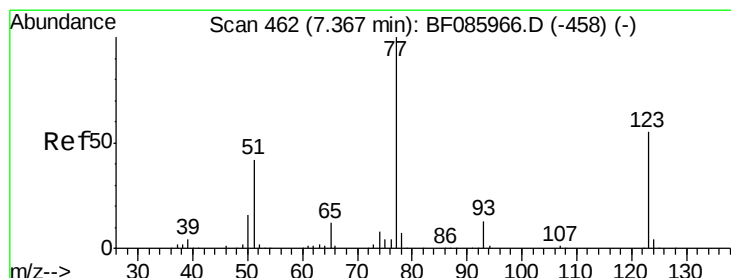
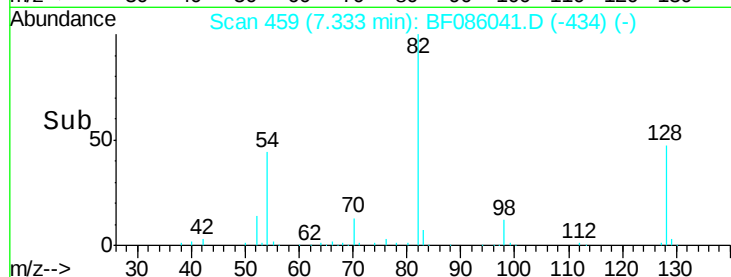
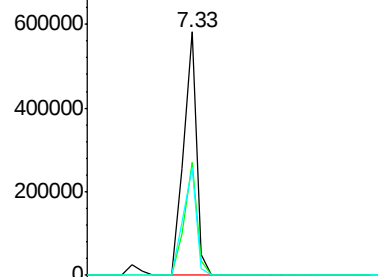
#23
 Nitrobenzene-d5
 Concen: 79.52 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF086041.D
 Acq: 4 Apr 2016 16:38

Instrument :
 BNA_F
 ClientSampleId :
 PB89461BS

Tgt Ion: 82 Resp: 614254
 Ion Ratio Lower Upper
 82 100
 128 46.7 41.8 62.8
 54 44.5 33.4 50.0

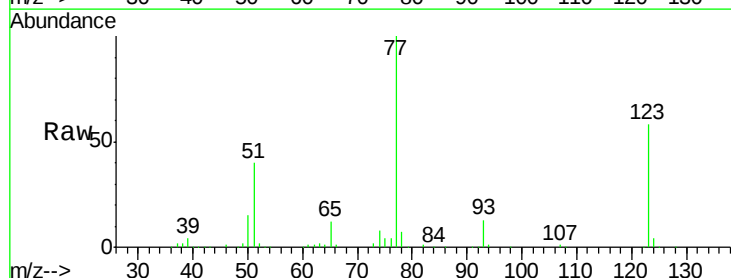


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

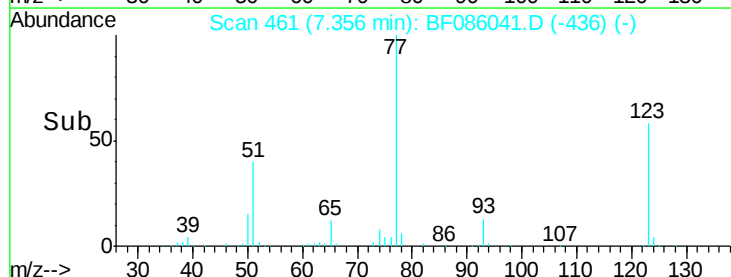
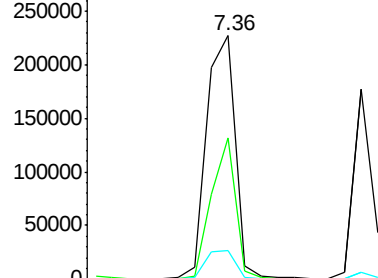


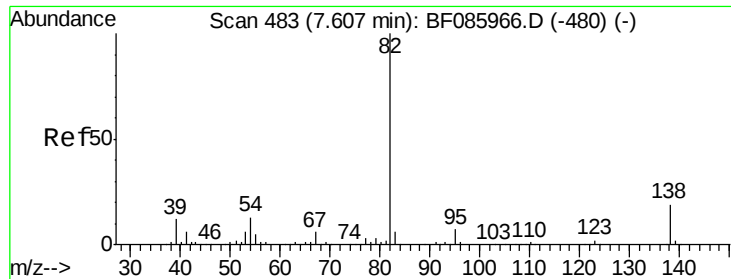
#24
 Nitrobenzene
 Concen: 36.63 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF086041.D
 Acq: 4 Apr 2016 16:38

Tgt Ion: 77 Resp: 309513
 Ion Ratio Lower Upper
 77 100
 123 58.0 35.0 52.4#
 65 12.0 10.6 16.0



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.21 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

Instrument :

BNA_F

ClientSampleId :

PB89461BS

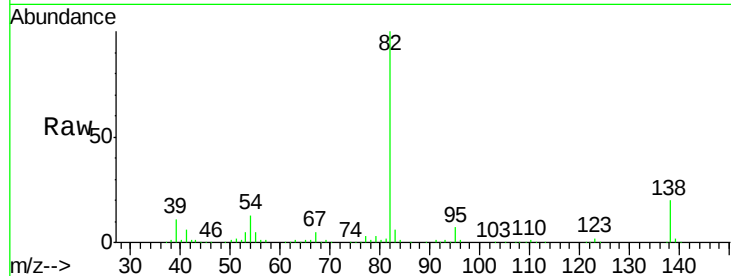
Tgt Ion: 82 Resp: 597835

Ion Ratio Lower Upper

82 100

95 7.5 5.4 8.2

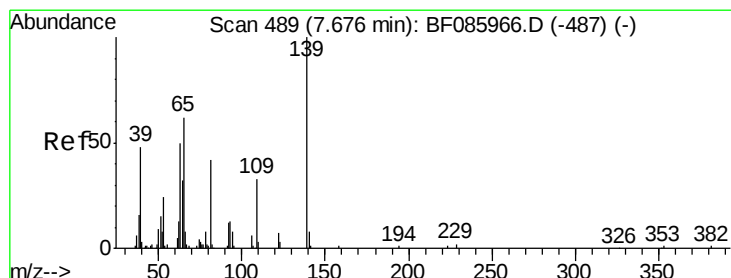
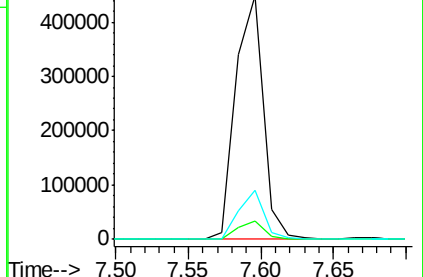
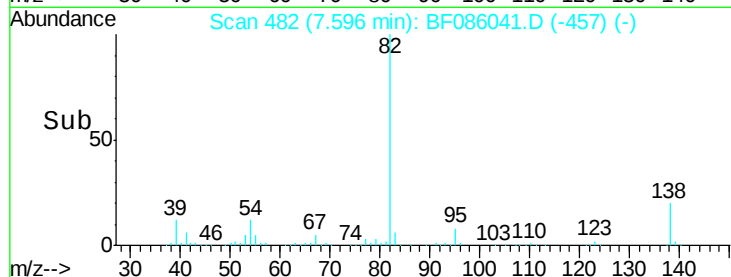
138 20.1 12.9 19.3#



Abundance Ion 82.00 (81.70 to 82.70): BF086041.D (-457) (-)

Ion 95.00 (94.70 to 95.70): BF086041.D (-457) (-)

Ion 138.00 (137.70 to 138.70): BF086041.D (-457) (-)



#26

2-Nitrophenol

Concen: 39.52 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

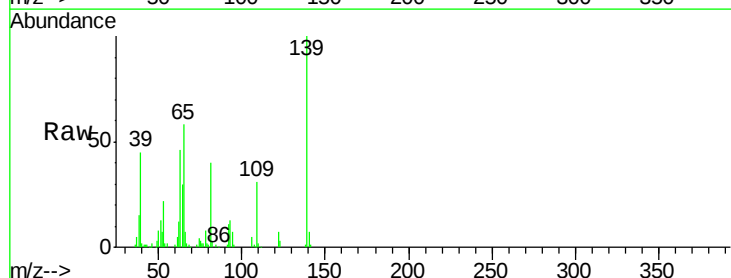
Tgt Ion: 139 Resp: 159762

Ion Ratio Lower Upper

139 100

109 31.3 22.1 33.1

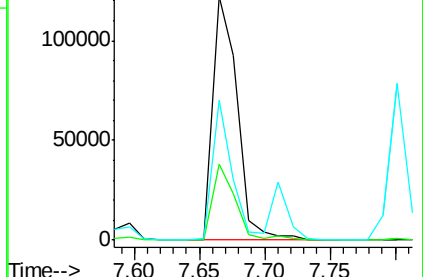
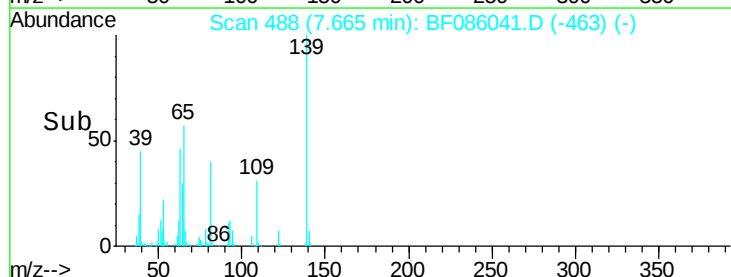
65 57.6 33.9 50.9#

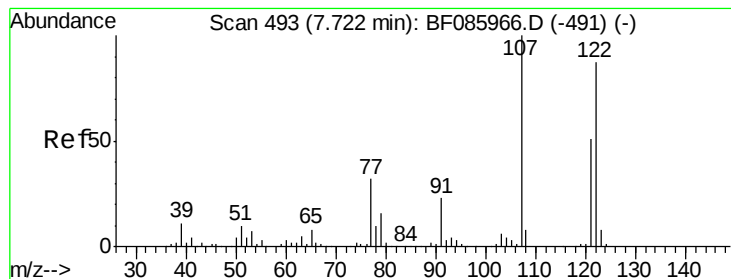


Abundance Ion 139.00 (138.70 to 139.70): BF086041.D (-463) (-)

Ion 109.00 (108.70 to 109.70): BF086041.D (-463) (-)

Ion 65.00 (64.70 to 65.70): BF086041.D (-463) (-)





#27

2,4-Dimethylphenol

Concen: 37.67 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.01 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

Instrument :

BNA_F

ClientSampleId :

PB89461BS

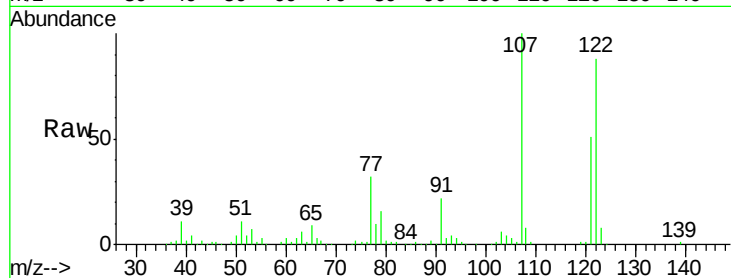
Tgt Ion: 122 Resp: 273549

Ion Ratio Lower Upper

122 100

107 113.8 93.0 139.6

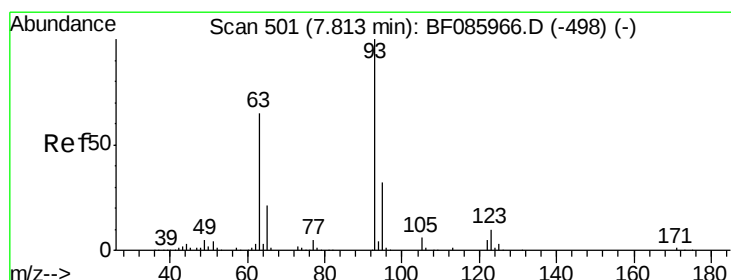
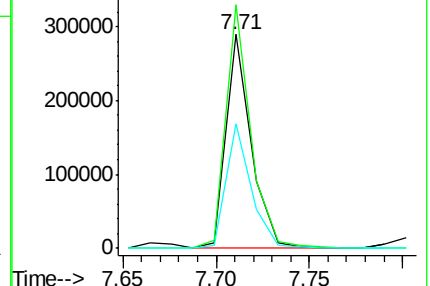
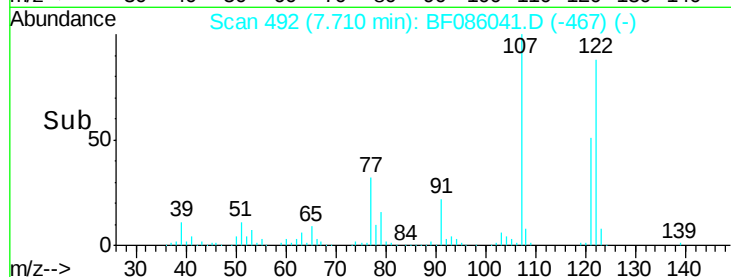
121 58.0 45.9 68.9



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: 39.70 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.01 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

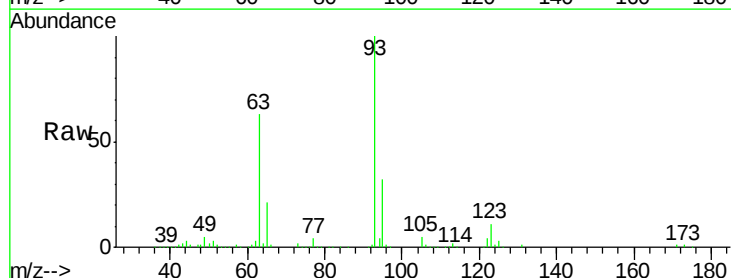
Tgt Ion: 93 Resp: 355173

Ion Ratio Lower Upper

93 100

95 32.3 26.4 39.6

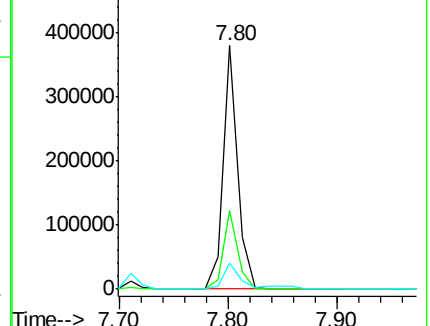
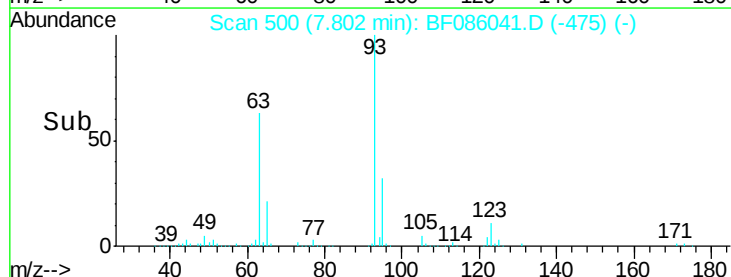
123 10.6 9.8 14.6

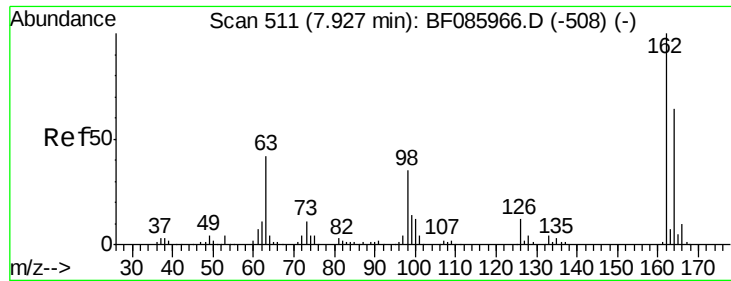


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

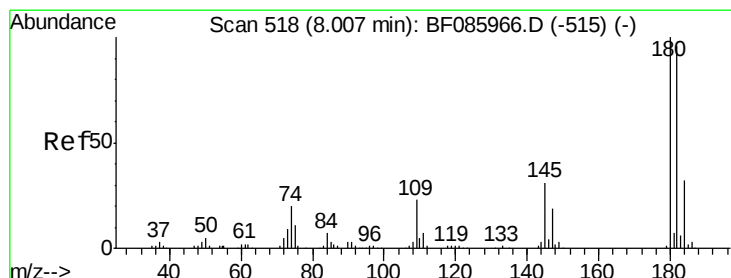
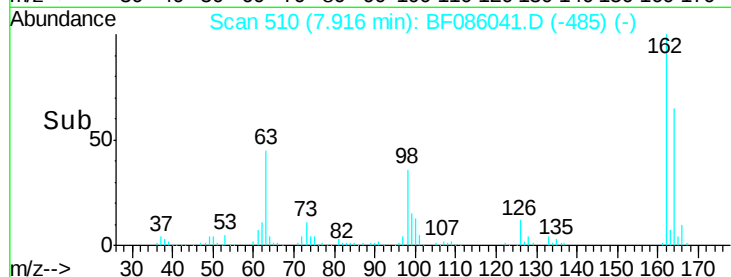
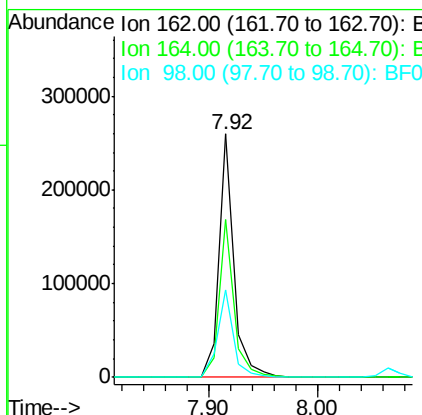
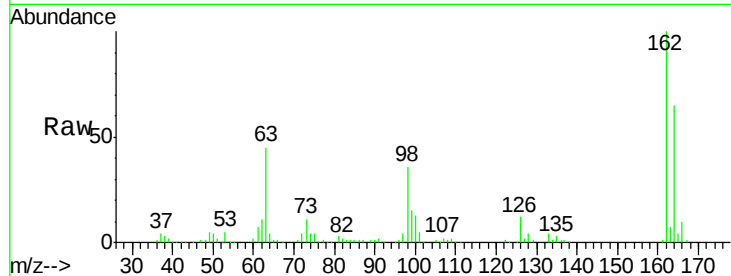




#29
2,4-Dichlorophenol
Concen: 40.59 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF086041.D
Acq: 4 Apr 2016 16:38

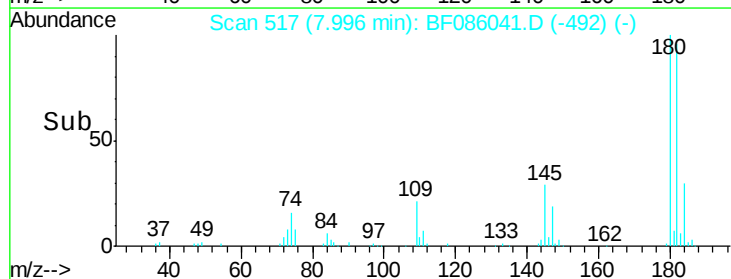
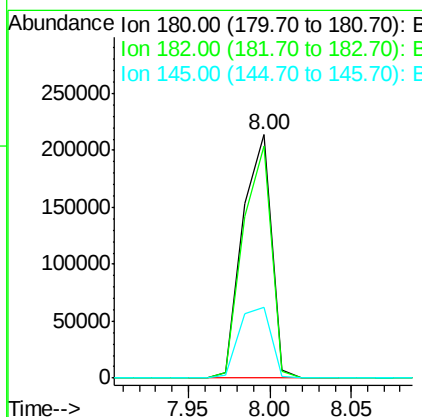
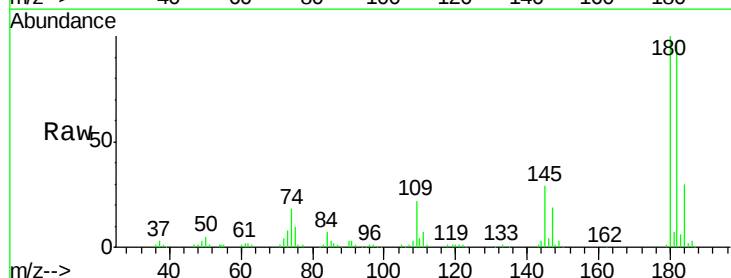
Instrument :
BNA_F
ClientSampleId :
PB89461BS

Tgt Ion:162 Resp: 249173
Ion Ratio Lower Upper
162 100
164 64.6 43.7 83.7
98 35.8 20.4 60.4



#30
1,2,4-Trichlorobenzene
Concen: 37.82 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF086041.D
Acq: 4 Apr 2016 16:38

Tgt Ion:180 Resp: 260647
Ion Ratio Lower Upper
180 100
182 95.6 73.8 110.8
145 29.0 28.4 42.6





#31

Naphthalene

Concen: 37.16 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.02 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

Instrument :

BNA_F

ClientSampleId :

PB89461BS

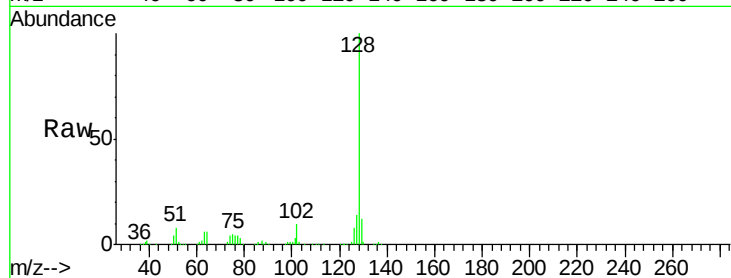
Tgt Ion:128 Resp: 851460

Ion Ratio Lower Upper

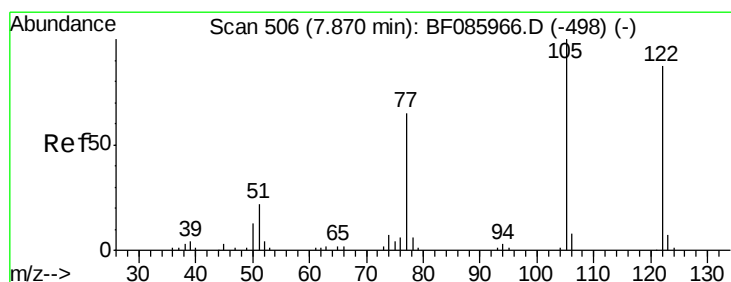
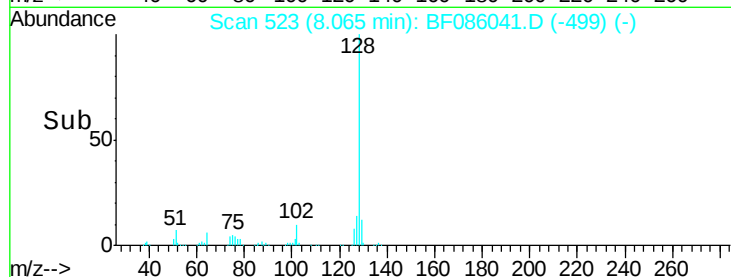
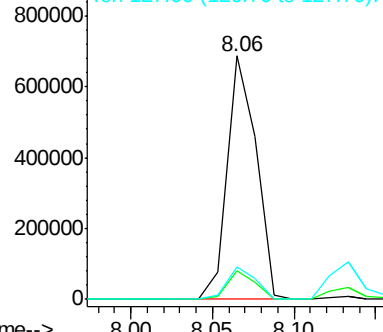
128 100

129 11.6 9.4 14.0

127 13.5 11.0 16.6



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: 32.96 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.01 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

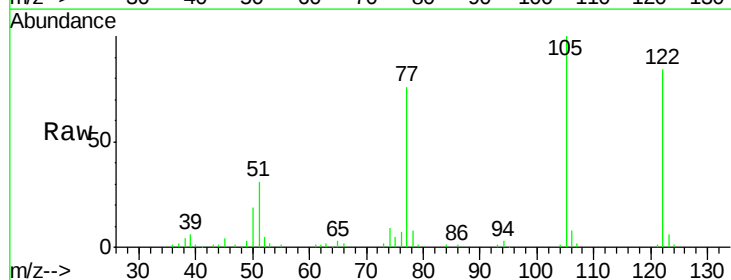
Tgt Ion:122 Resp: 175611

Ion Ratio Lower Upper

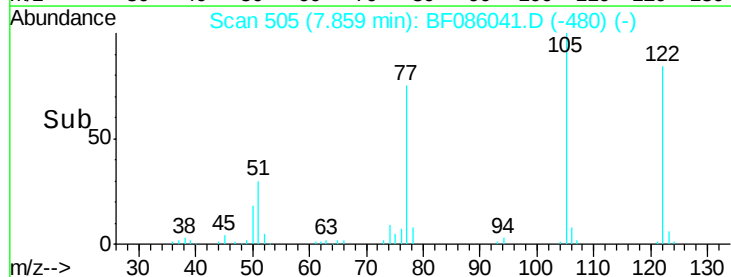
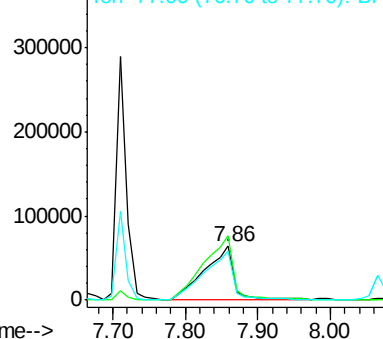
122 100

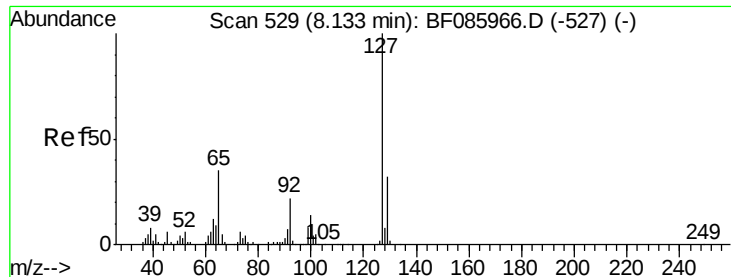
105 119.6 102.9 142.9

77 91.2 71.8 111.8



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

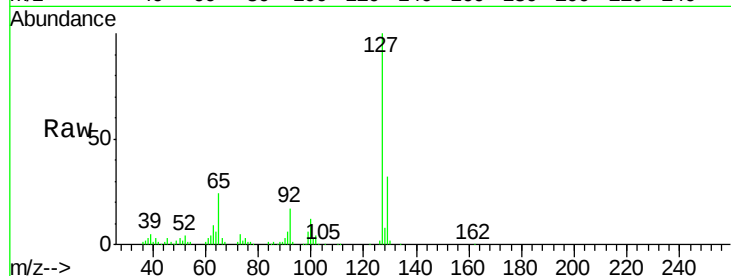




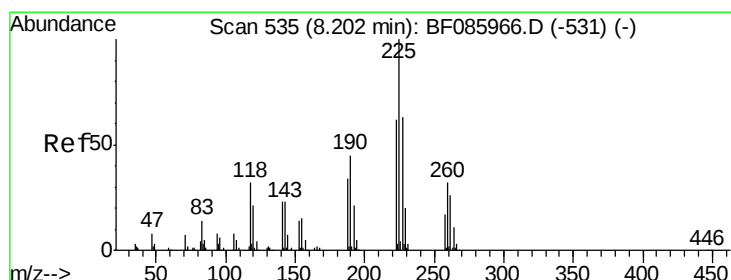
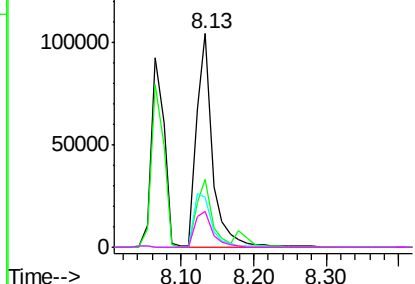
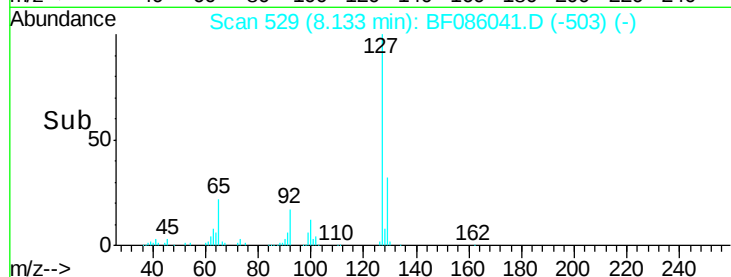
#33
4-Chloroaniline
Concen: 17.22 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF086041.D
Acq: 4 Apr 2016 16:38

Instrument :
BNA_F
ClientSampleId :
PB89461BS

Tgt Ion:	127	Resp:	159378
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.1	39.1
65	23.7	19.5	29.3
92	16.9	14.6	22.0

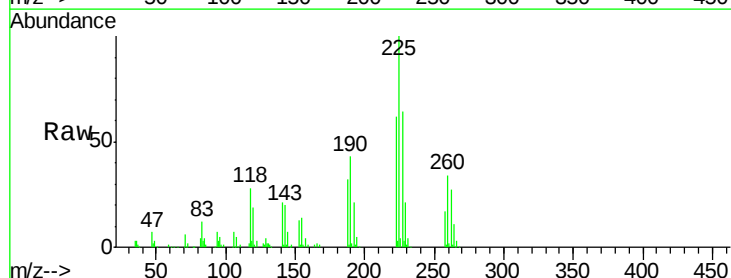


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

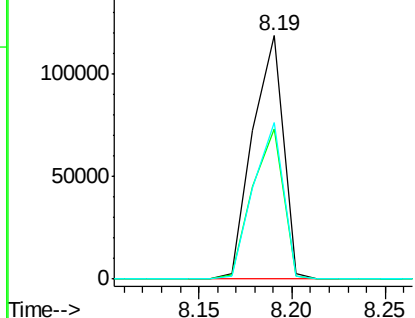
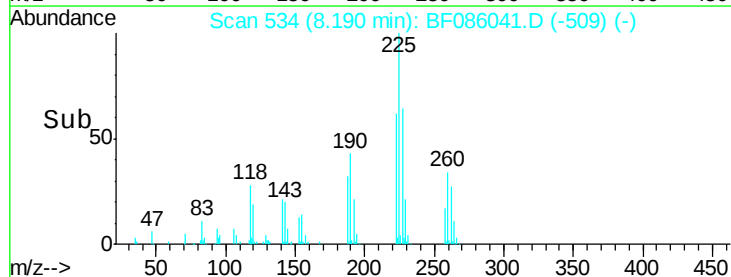


#34
Hexachlorobutadiene
Concen: 36.34 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.01 min
Lab File: BF086041.D
Acq: 4 Apr 2016 16:38

Tgt Ion:	225	Resp:	134634
Ion	Ratio	Lower	Upper
225	100		
223	61.6	50.4	75.6
227	64.1	51.4	77.2



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

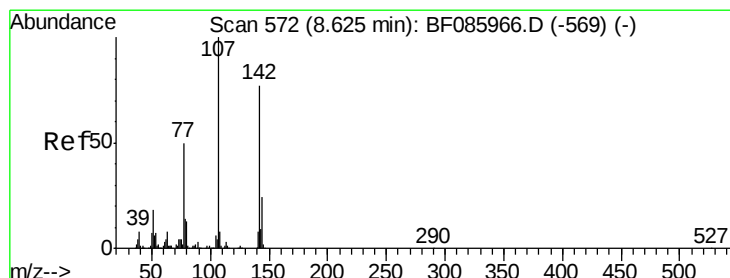
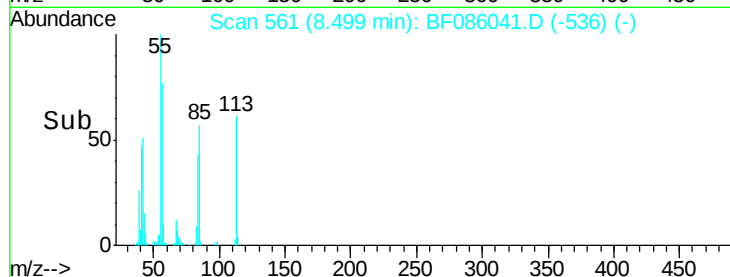
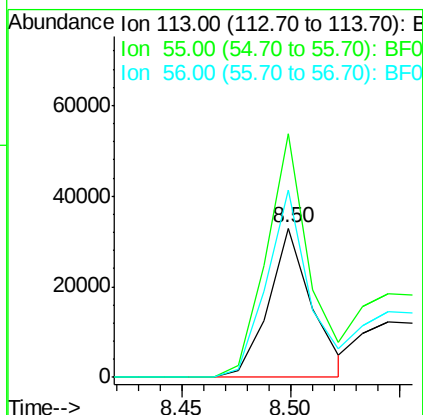
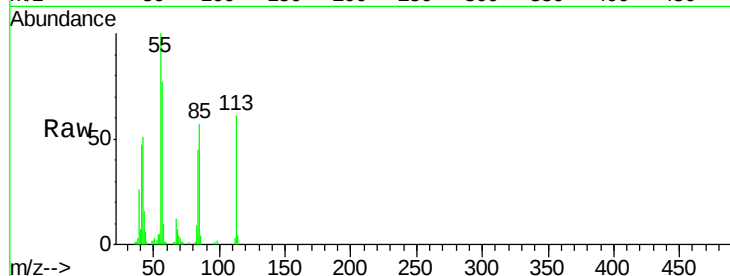




#35
 Caprolactam
 Concen: 23.66 ng
 RT: 8.50 min Scan# 561
 Delta R.T. -0.01 min
 Lab File: BF086041.D
 Acq: 4 Apr 2016 16:38

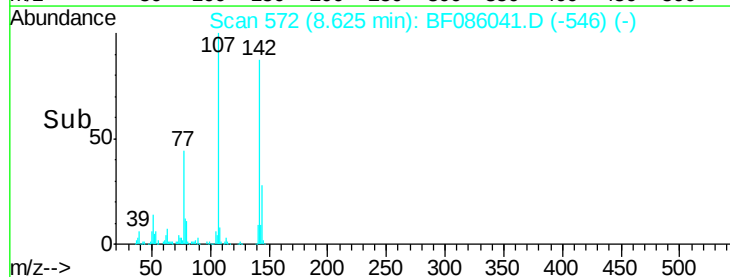
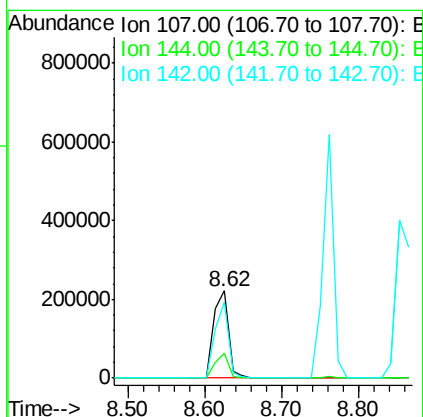
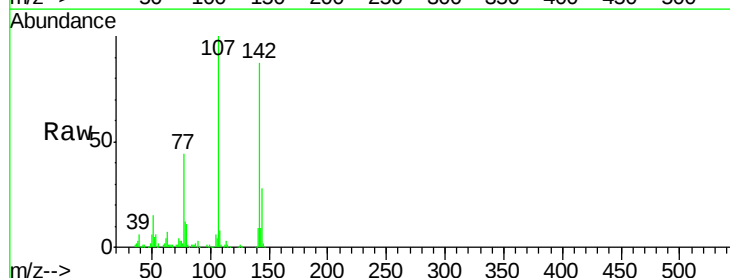
Instrument :
 BNA_F
 ClientSampleId :
 PB89461BS

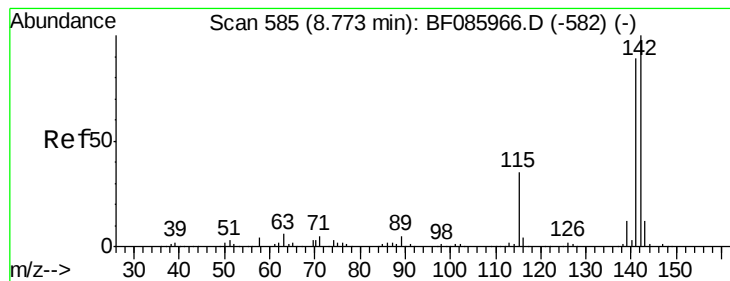
Tgt Ion:113 Resp: 46081
 Ion Ratio Lower Upper
 113 100
 55 162.9 139.4 179.4
 56 125.2 100.4 140.4



#36
 4-Chloro-3-methylphenol
 Concen: 42.80 ng
 RT: 8.62 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: BF086041.D
 Acq: 4 Apr 2016 16:38

Tgt Ion:107 Resp: 295375
 Ion Ratio Lower Upper
 107 100
 144 27.9 19.3 28.9
 142 86.8 61.4 92.0





#37

2-Methylnaphthalene

Concen: 38.86 ng

RT: 8.76 min Scan# 584

Delta R.T. -0.01 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

Instrument :

BNA_F

ClientSampleId :

PB89461BS

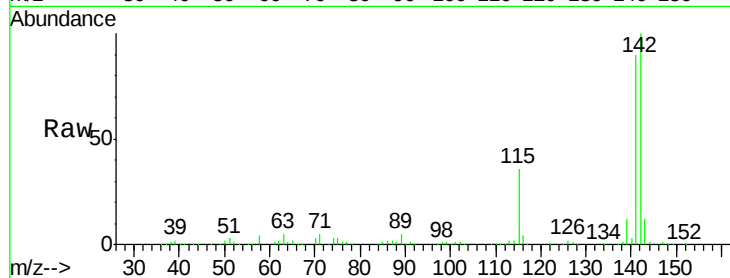
Tgt Ion:142 Resp: 581664

Ion Ratio Lower Upper

142 100

141 90.4 71.6 107.4

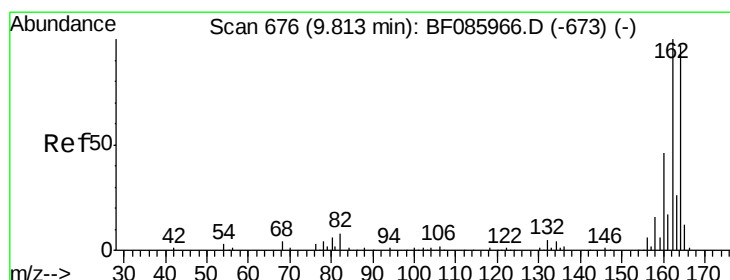
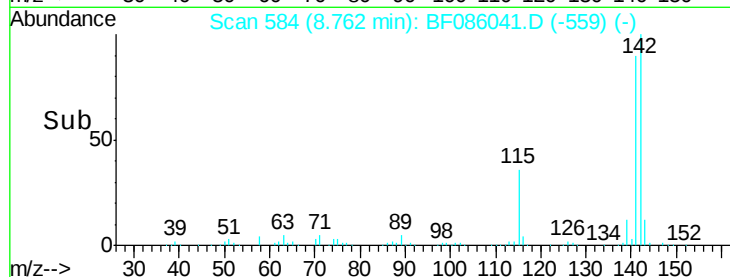
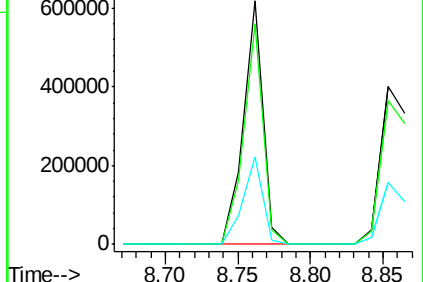
115 35.7 26.8 40.2



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: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

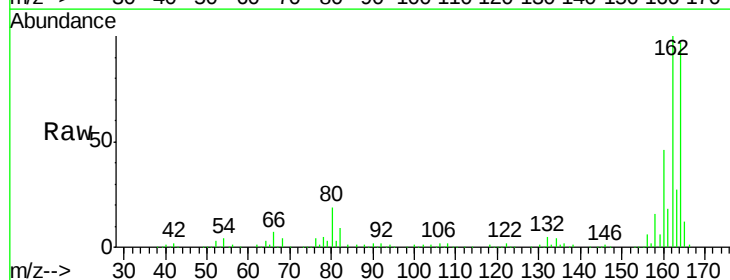
Tgt Ion:164 Resp: 225070

Ion Ratio Lower Upper

164 100

162 102.8 82.1 123.1

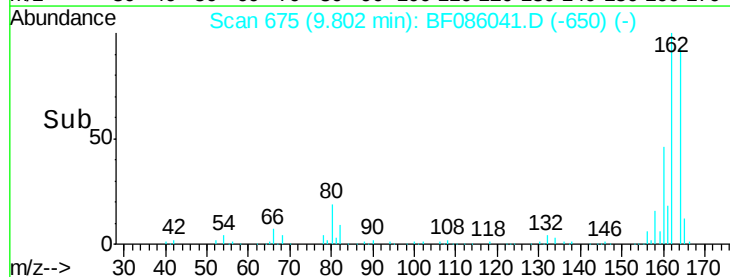
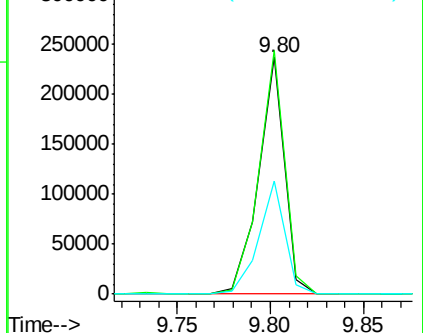
160 47.6 37.4 56.2

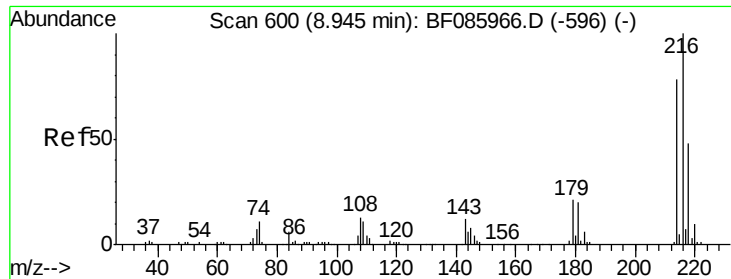


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

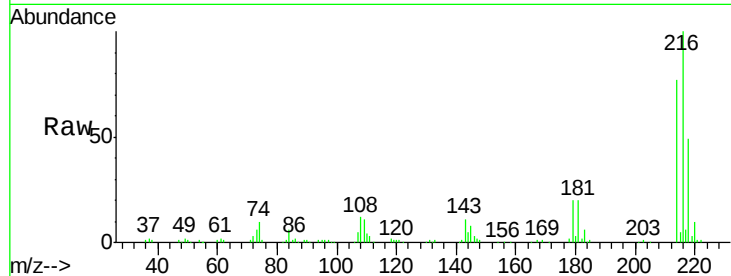




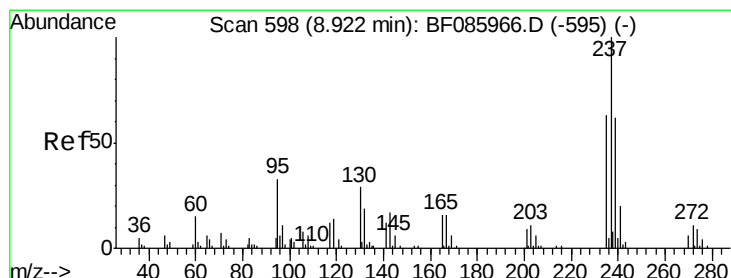
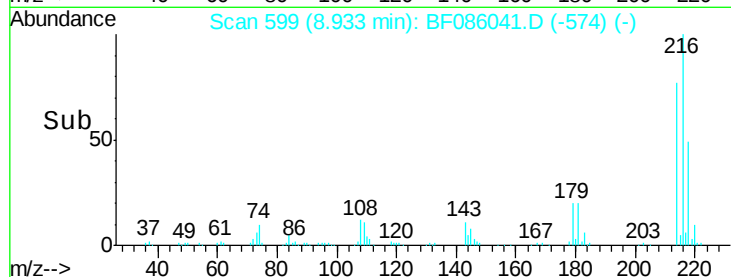
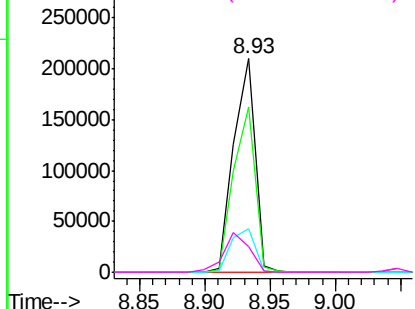
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.21 ng
 RT: 8.93 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: BF086041.D
 Acq: 4 Apr 2016 16:38

Instrument :
 BNA_F
 ClientSampleId :
 PB89461BS

Tgt Ion: 216 Resp: 238212
 Ion Ratio Lower Upper
 216 100
 214 78.3 63.1 94.7
 179 22.6 18.2 27.2
 108 22.6 17.3 25.9

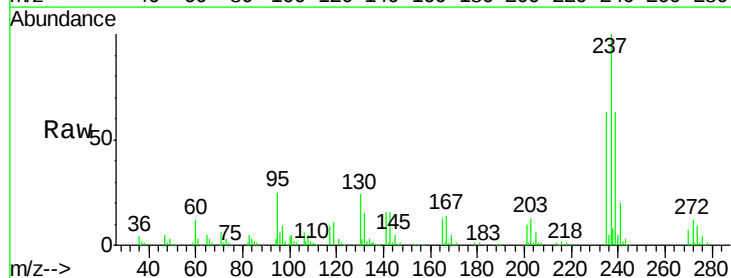


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

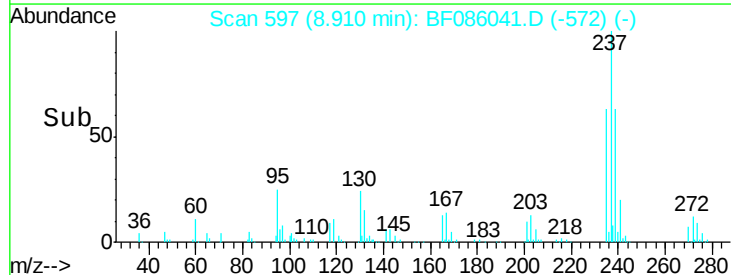
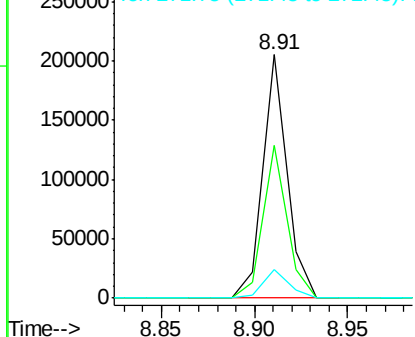


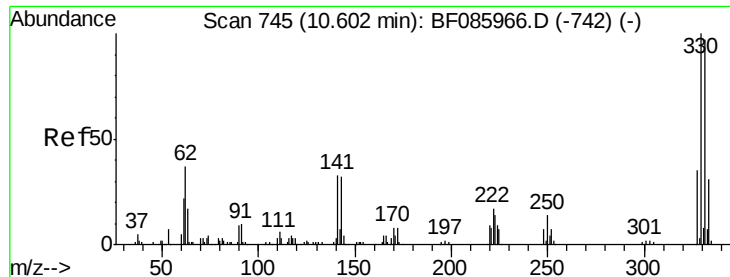
#40
 Hexachlorocyclopentadiene
 Concen: 76.18 ng
 RT: 8.91 min Scan# 597
 Delta R.T. -0.01 min
 Lab File: BF086041.D
 Acq: 4 Apr 2016 16:38

Tgt Ion: 237 Resp: 182895
 Ion Ratio Lower Upper
 237 100
 235 62.9 43.7 83.7
 272 12.0 0.0 31.9



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

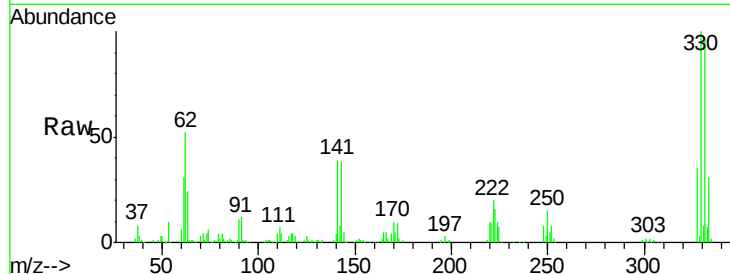




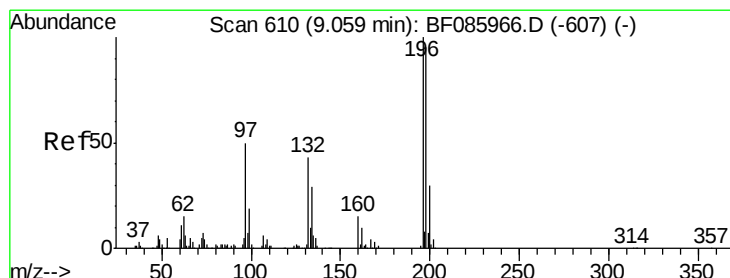
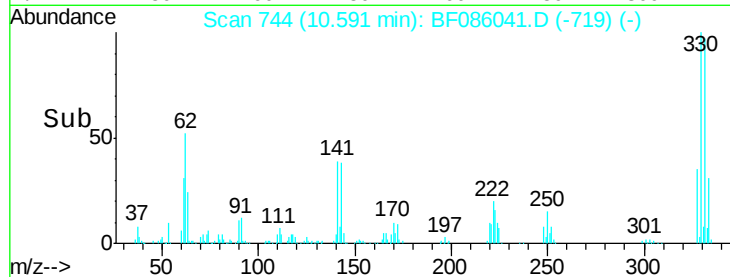
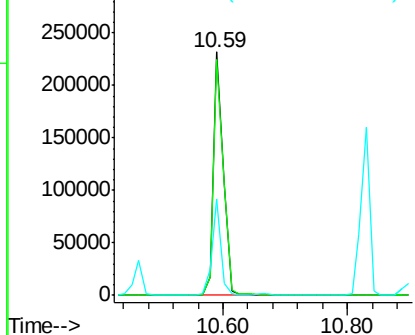
#41
 2,4,6-Tribromophenol
 Concen: 120.23 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF086041.D
 Acq: 4 Apr 2016 16:38

Instrument :
 BNA_F
 ClientSampleId :
 PB89461BS

Tgt Ion:330 Resp: 253981
 Ion Ratio Lower Upper
 330 100
 332 98.1 78.2 117.2
 141 35.7 31.5 47.3

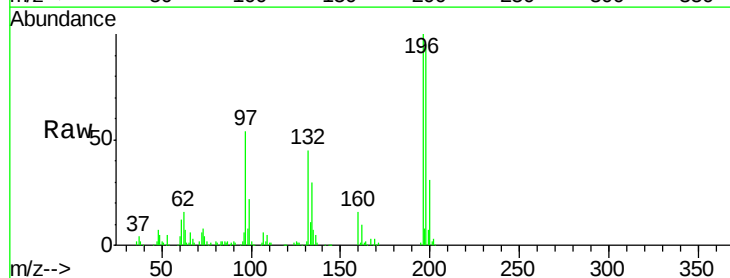


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

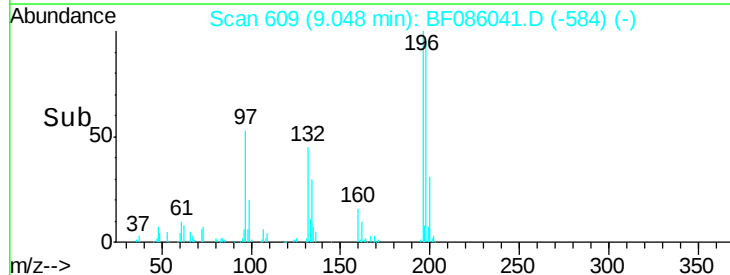
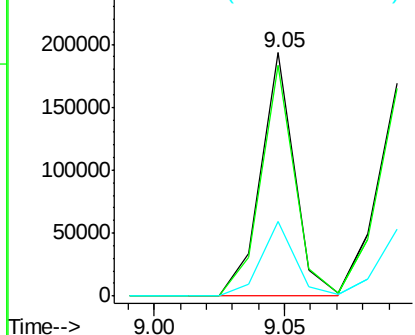


#42
 2,4,6-Trichlorophenol
 Concen: 39.60 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF086041.D
 Acq: 4 Apr 2016 16:38

Tgt Ion:196 Resp: 172004
 Ion Ratio Lower Upper
 196 100
 198 95.0 75.3 112.9
 200 30.8 23.7 35.5



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

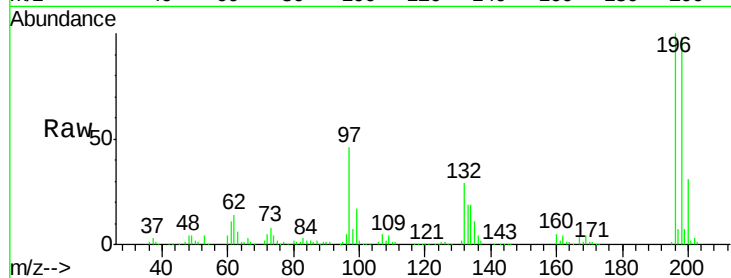




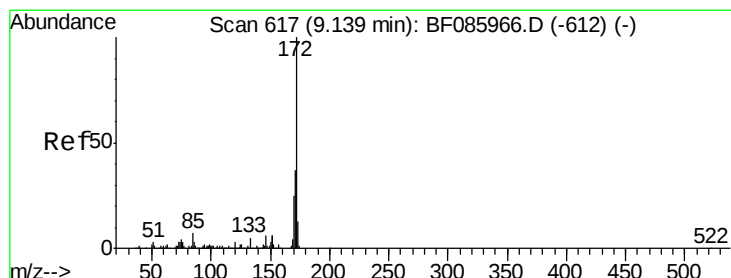
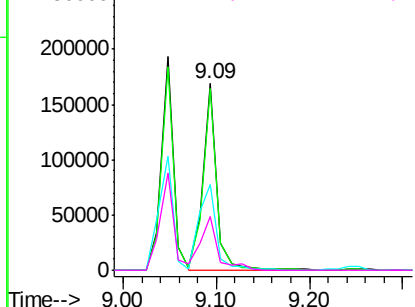
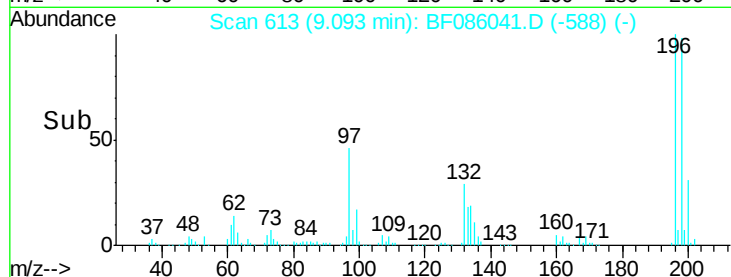
#43
 2,4,5-Trichlorophenol
 Concen: 39.74 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF086041.D
 Acq: 4 Apr 2016 16:38

Instrument :
 BNA_F
 ClientSampleId :
 PB89461BS

Tgt Ion:196 Resp: 175263
 Ion Ratio Lower Upper
 196 100
 198 97.6 76.6 114.8
 97 46.1 30.5 45.7#
 132 28.8 20.2 30.2

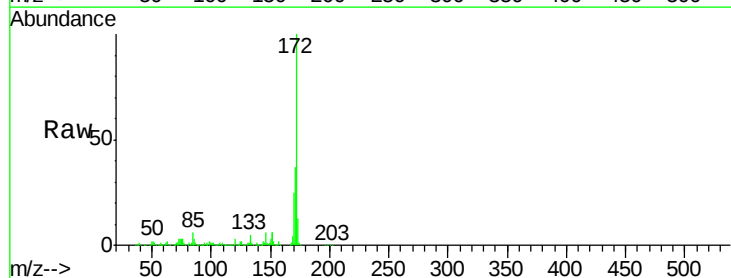


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

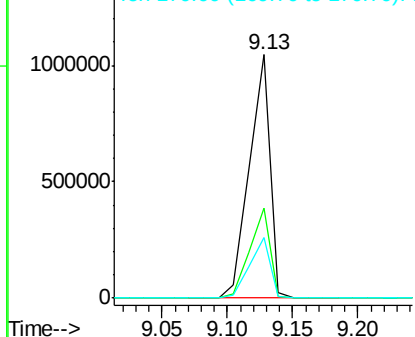
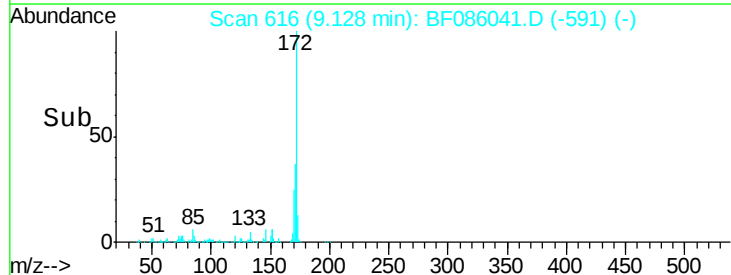


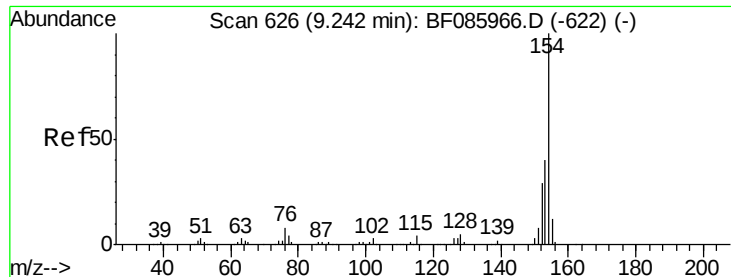
#44
 2-Fluorobiphenyl
 Concen: 85.10 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF086041.D
 Acq: 4 Apr 2016 16:38

Tgt Ion:172 Resp: 1151898
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.2
 170 24.6 19.8 29.6



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

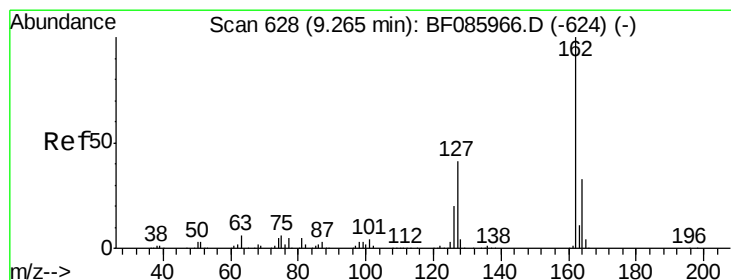
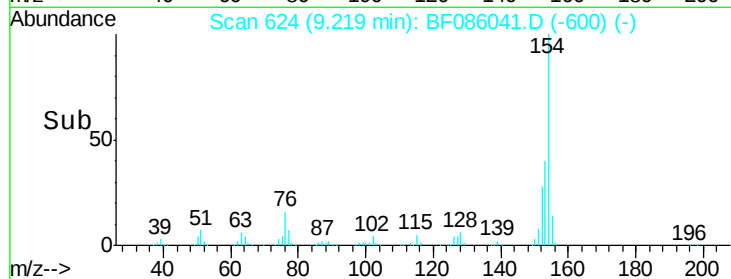
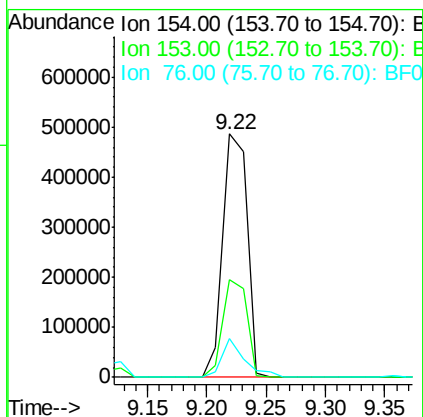
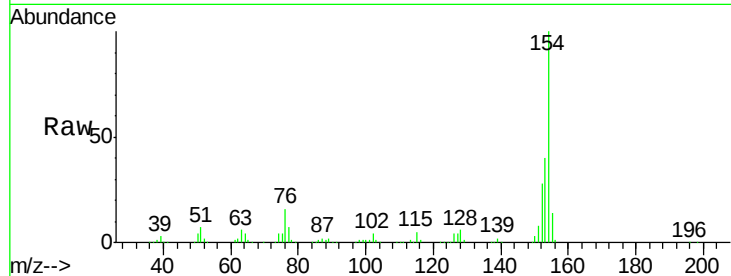




#45
 1,1'-Biphenyl
 Concen: 35.62 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.02 min
 Lab File: BF086041.D
 Acq: 4 Apr 2016 16:38

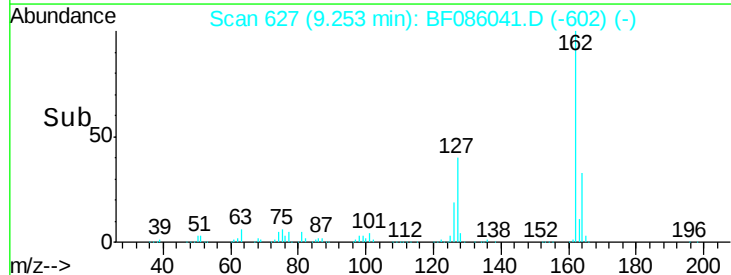
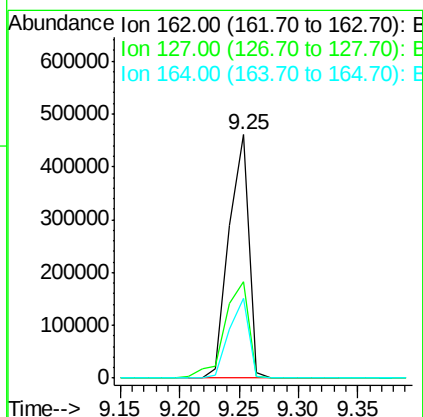
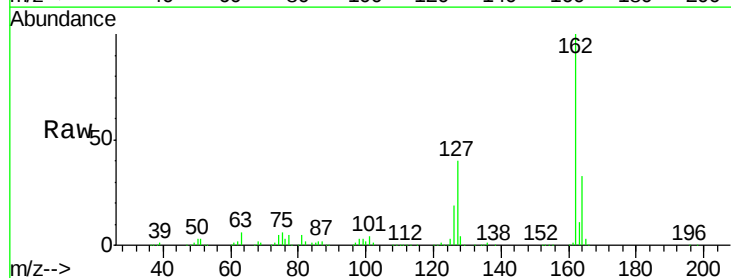
Instrument :
 BNA_F
 ClientSampleId :
 PB89461BS

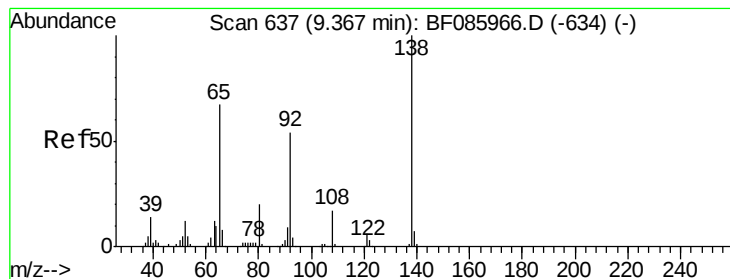
Tgt Ion:154 Resp: 691253
 Ion Ratio Lower Upper
 154 100
 153 40.2 20.8 60.8
 76 16.1 0.0 36.7



#46
 2-Chloronaphthalene
 Concen: 38.15 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF086041.D
 Acq: 4 Apr 2016 16:38

Tgt Ion:162 Resp: 536628
 Ion Ratio Lower Upper
 162 100
 127 39.5 31.7 47.5
 164 32.9 27.3 40.9





#47

2-Nitroaniline

Concen: 44.55 ng

RT: 9.36 min Scan# 636

Delta R.T. -0.01 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

Instrument :

BNA_F

ClientSampleId :

PB89461BS

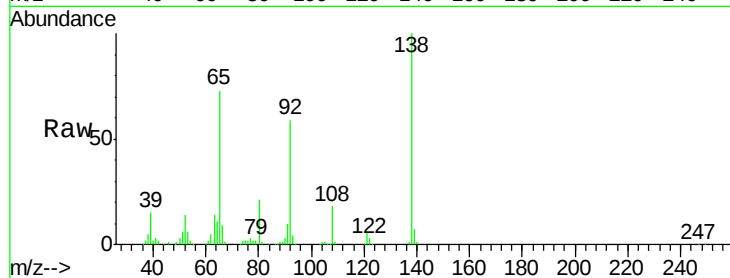
Tgt Ion: 65 Resp: 183362

Ion Ratio Lower Upper

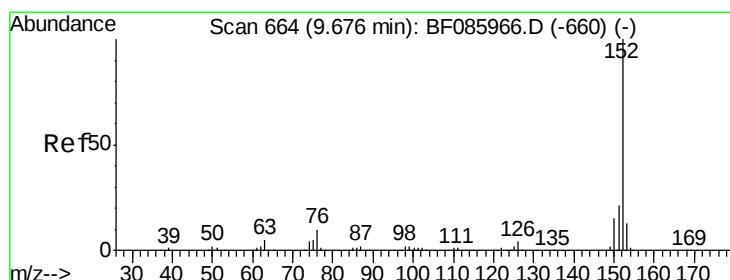
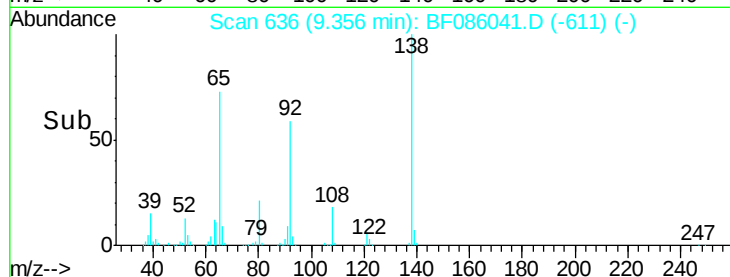
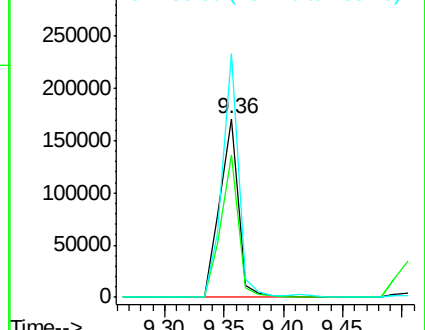
65 100

92 79.8 59.7 89.5

138 136.3 91.4 137.0



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: 39.19 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

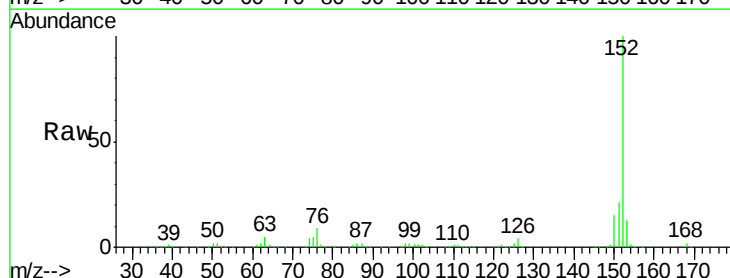
Tgt Ion: 152 Resp: 883238

Ion Ratio Lower Upper

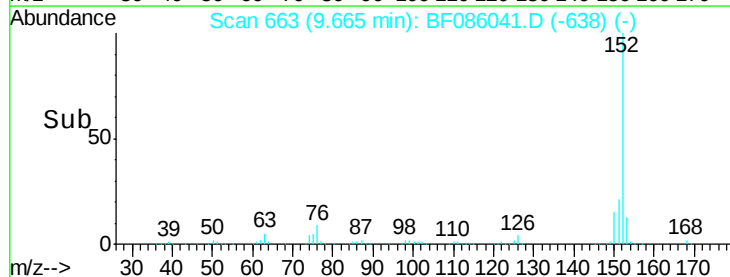
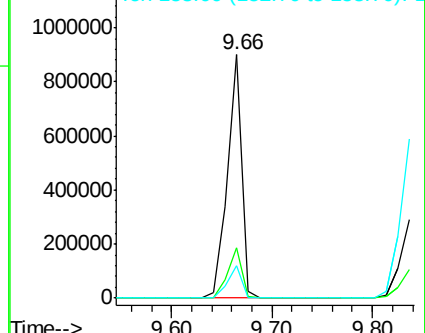
152 100

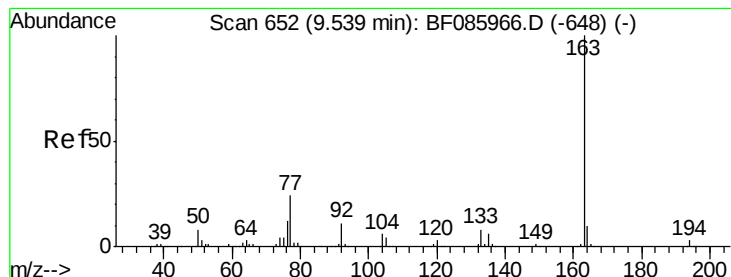
151 20.7 16.8 25.2

153 13.3 10.9 16.3



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





#49

Dimethylphthalate

Concen: 37.96 ng

RT: 9.53 min Scan# 651

Delta R.T. -0.01 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

Instrument :

BNA_F

ClientSampleId :

PB89461BS

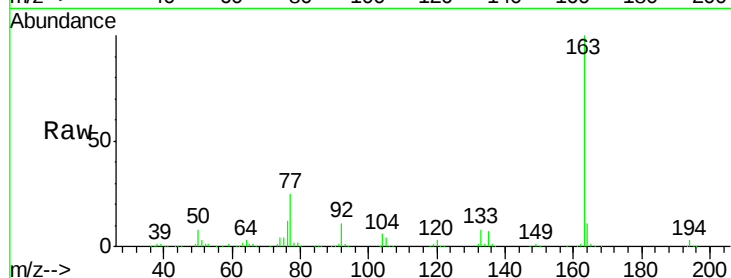
Tgt Ion:163 Resp: 633268

Ion Ratio Lower Upper

163 100

194 3.2 2.9 4.3

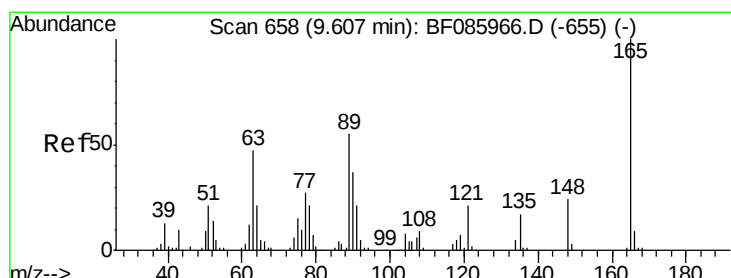
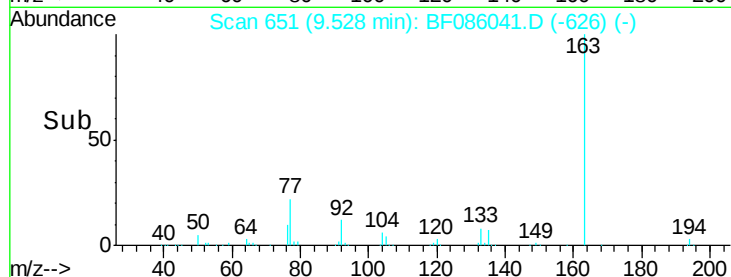
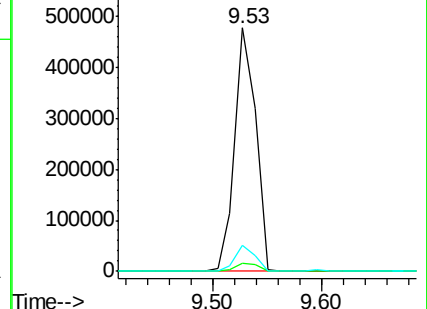
164 10.6 8.3 12.5



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: 41.21 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.01 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

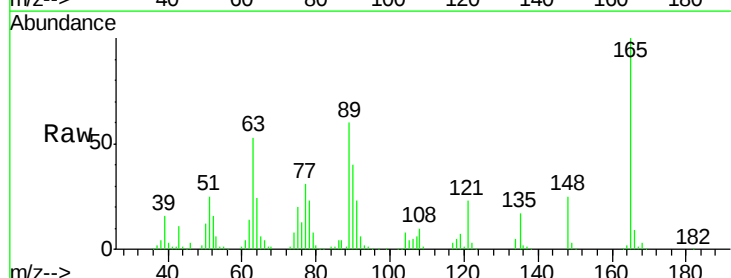
Tgt Ion:165 Resp: 145461

Ion Ratio Lower Upper

165 100

63 53.3 51.8 77.8

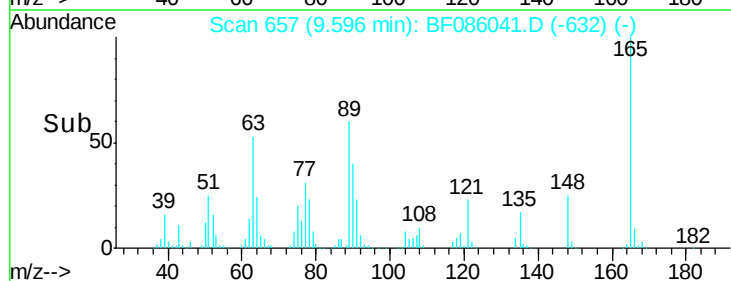
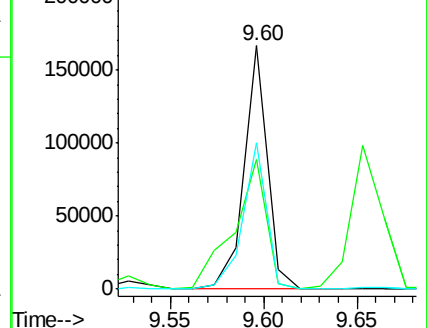
89 60.1 53.7 80.5

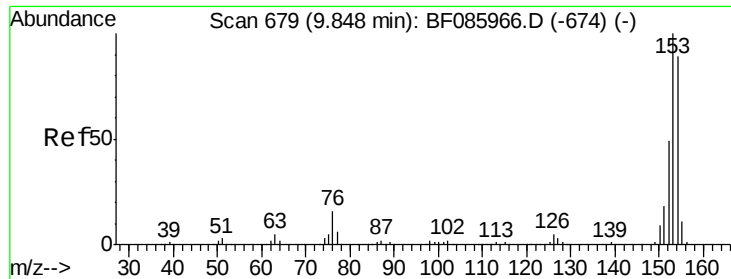


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.06 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

Instrument :

BNA_F

ClientSampleId :

PB89461BS

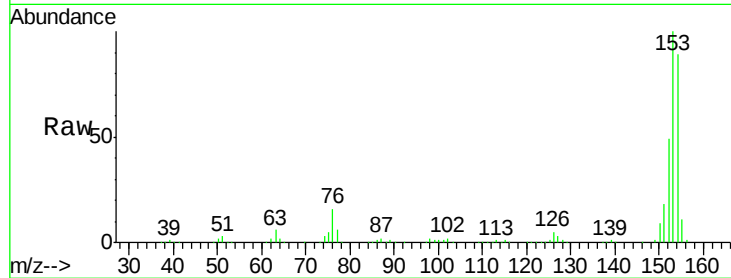
Tgt Ion:154 Resp: 523532

Ion Ratio Lower Upper

154 100

153 113.0 90.1 135.1

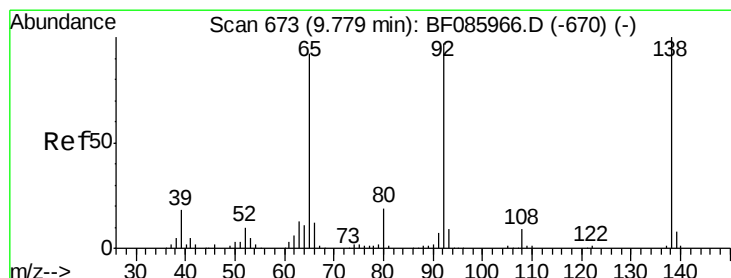
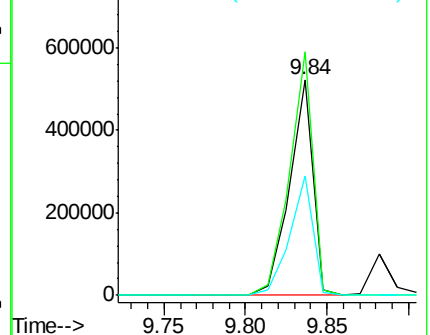
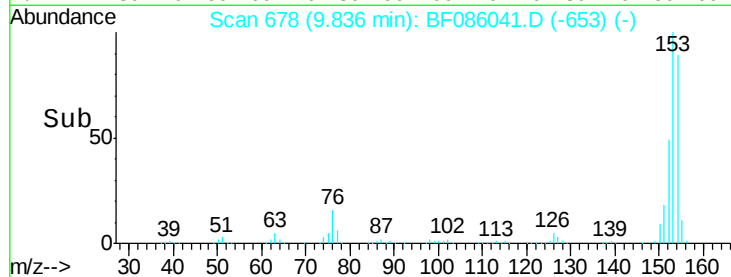
152 55.5 44.2 66.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 25.83 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.01 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

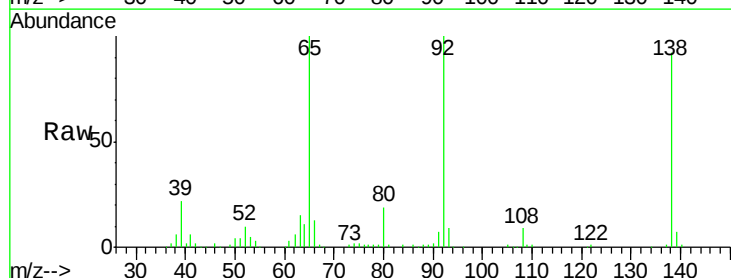
Tgt Ion:138 Resp: 109861

Ion Ratio Lower Upper

138 100

108 10.1 8.7 13.1

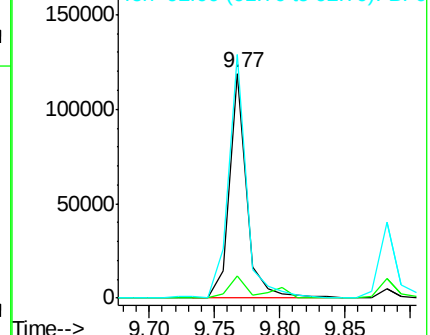
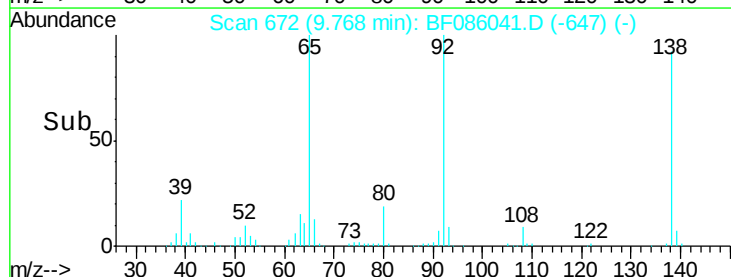
92 108.4 93.3 139.9

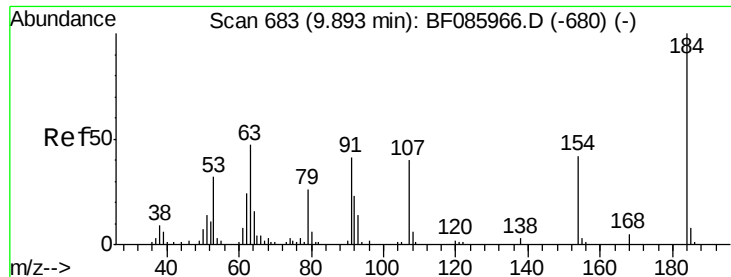


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

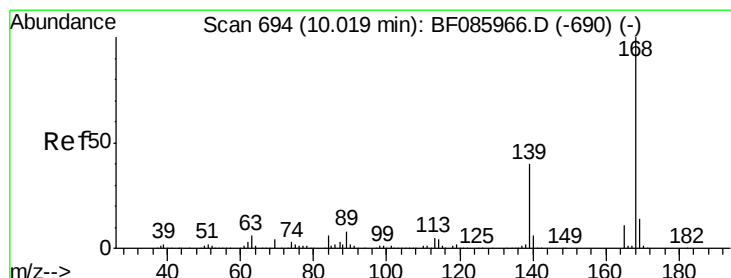
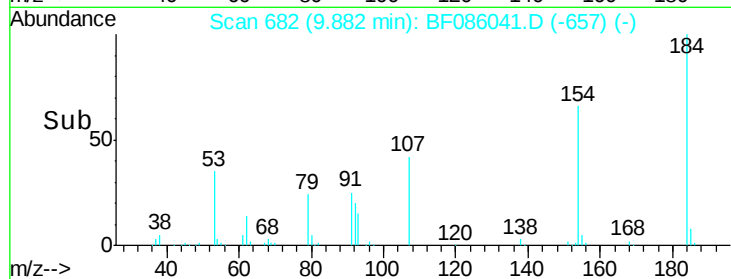
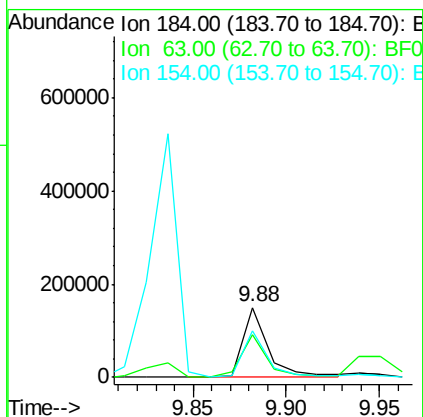
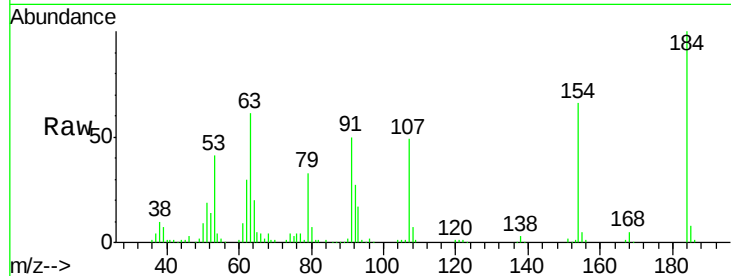




#53
2,4-Dinitrophenol
Concen: 64.81 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF086041.D
Acq: 4 Apr 2016 16:38

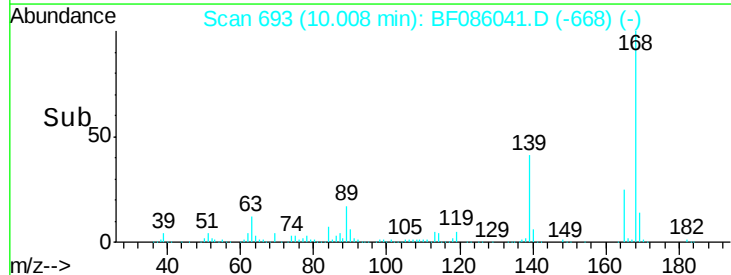
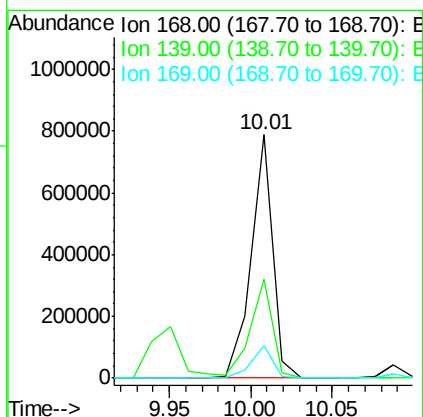
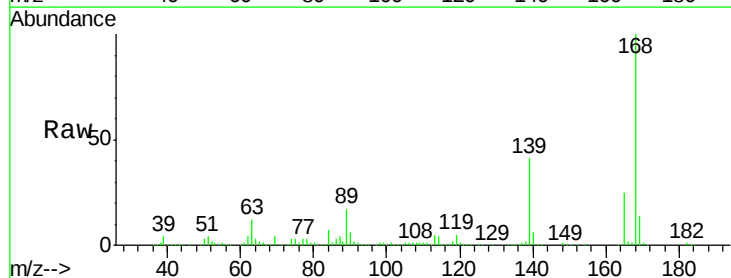
Instrument :
BNA_F
ClientSampleId :
PB89461BS

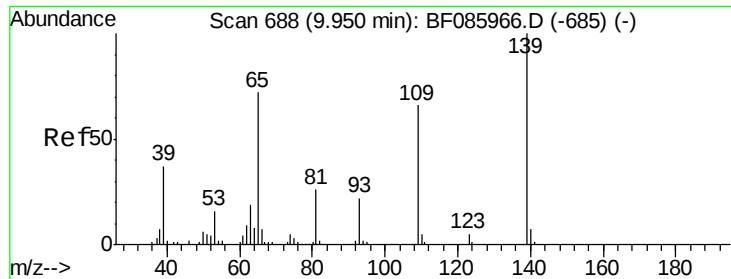
Tgt Ion:184 Resp: 141820
Ion Ratio Lower Upper
184 100
63 61.2 69.5 104.3#
154 66.0 58.3 87.5



#54
Dibenzofuran
Concen: 40.89 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF086041.D
Acq: 4 Apr 2016 16:38

Tgt Ion:168 Resp: 723764
Ion Ratio Lower Upper
168 100
139 40.8 31.9 47.9
169 13.6 11.0 16.6

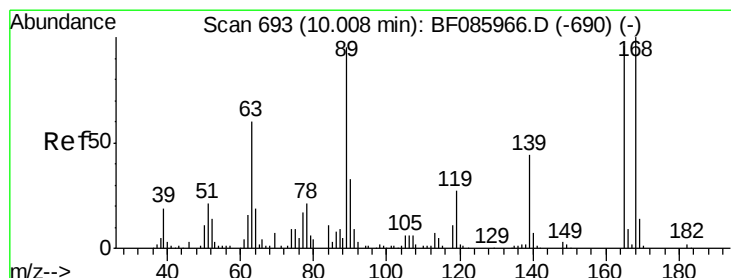
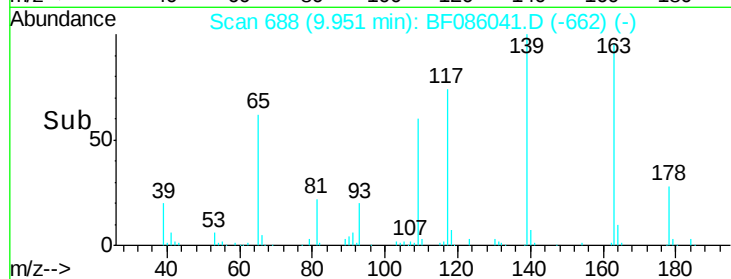
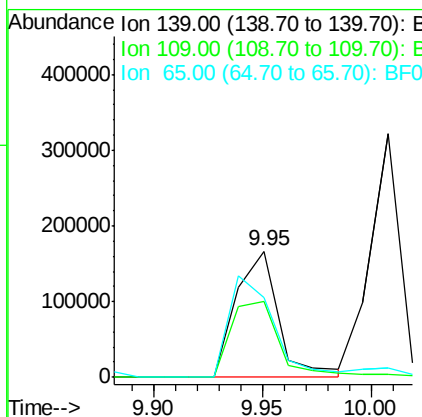
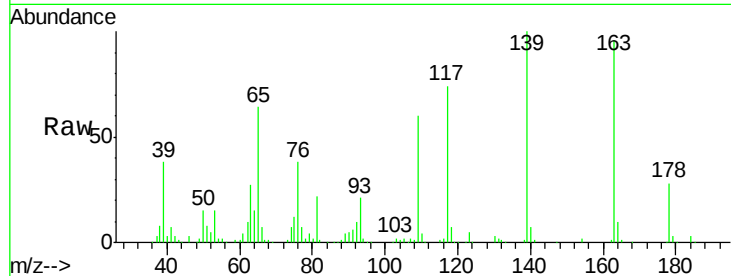




#55
4-Nitrophenol
Concen: 90.45 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF086041.D
Acq: 4 Apr 2016 16:38

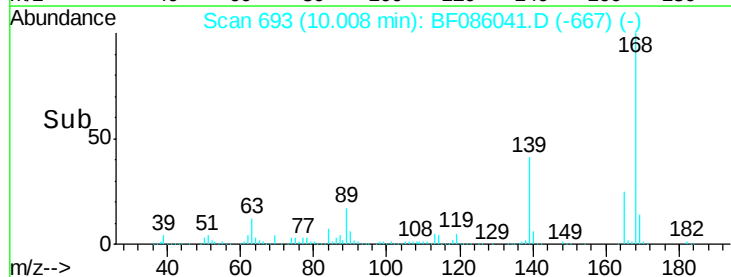
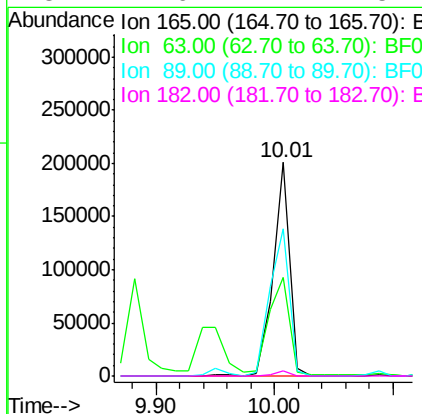
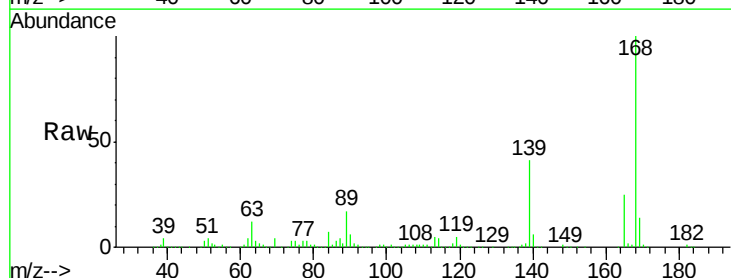
Instrument :
BNA_F
ClientSampleId :
PB89461BS

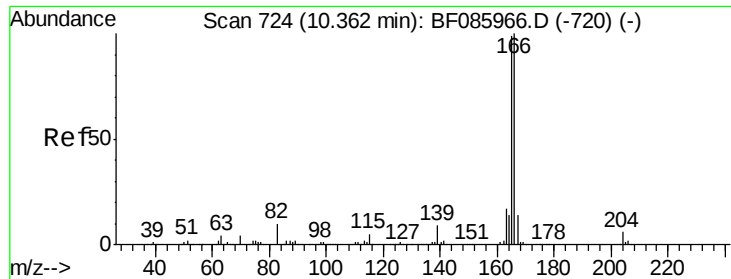
Tgt Ion:139 Resp: 226811
Ion Ratio Lower Upper
139 100
109 60.0 49.2 89.2
65 63.8 66.9 106.9#



#56
2,4-Dinitrotoluene
Concen: 43.75 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF086041.D
Acq: 4 Apr 2016 16:38

Tgt Ion:165 Resp: 195119
Ion Ratio Lower Upper
165 100
63 46.1 24.9 37.3#
89 68.7 41.0 61.6#
182 2.6 2.1 3.1

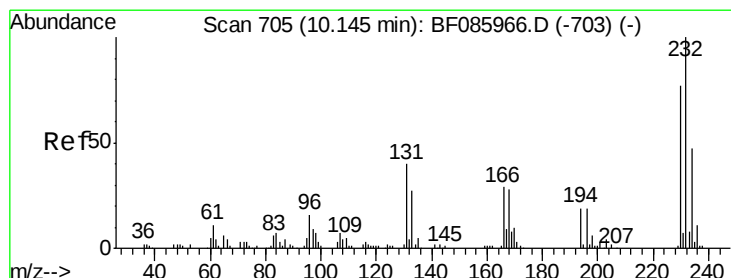
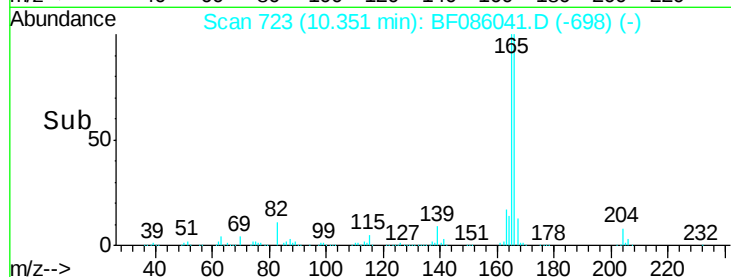
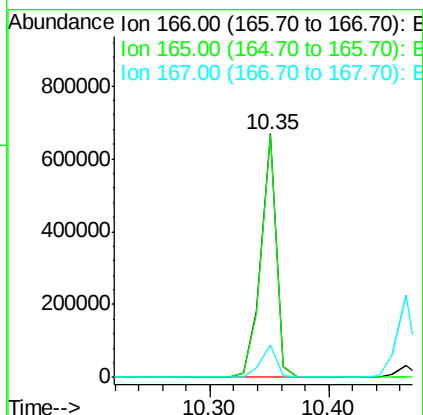
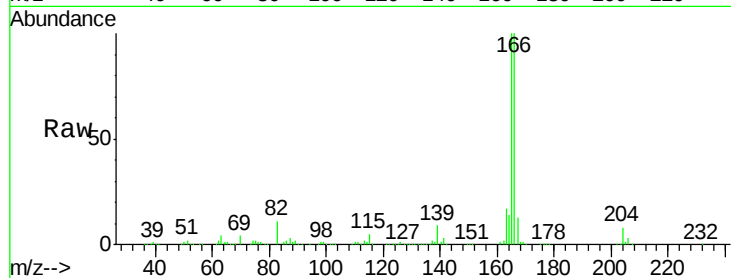




#57
 Fluorene
 Concen: 40.49 ng
 RT: 10.35 min Scan# 723
 Delta R.T. -0.01 min
 Lab File: BF086041.D
 Acq: 4 Apr 2016 16:38

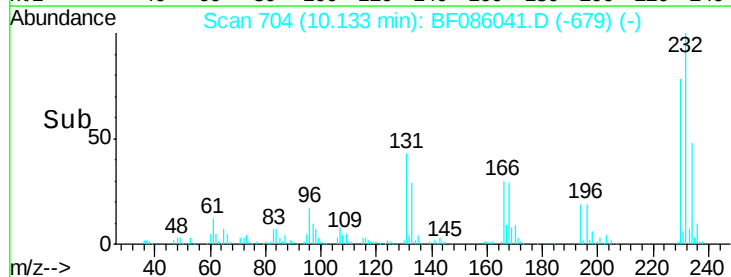
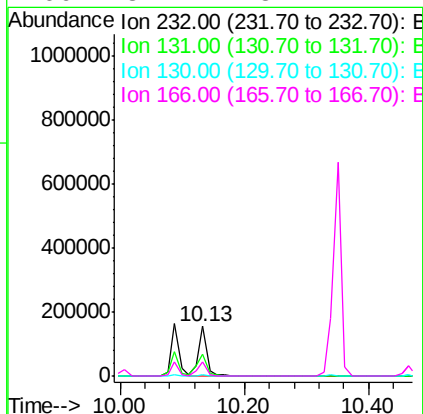
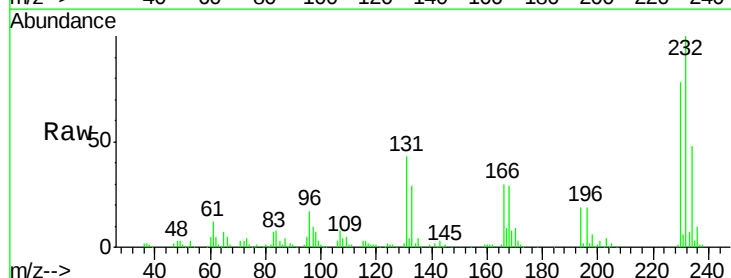
Instrument :
 BNA_F
 ClientSampleId :
 PB89461BS

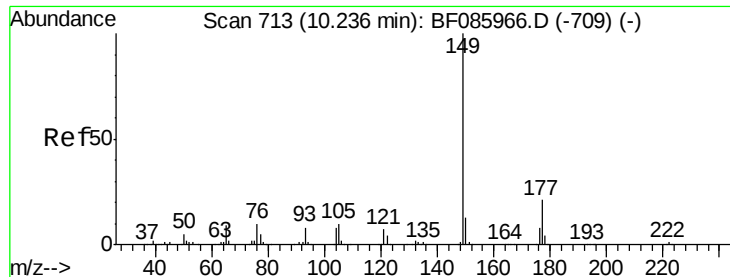
Tgt Ion:166 Resp: 612179
 Ion Ratio Lower Upper
 166 100
 165 99.6 79.4 119.0
 167 13.5 11.0 16.4



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.77 ng
 RT: 10.13 min Scan# 704
 Delta R.T. -0.01 min
 Lab File: BF086041.D
 Acq: 4 Apr 2016 16:38

Tgt Ion:232 Resp: 150283
 Ion Ratio Lower Upper
 232 100
 131 51.2 44.9 67.3
 130 2.6 2.3 3.5
 166 31.4 28.1 42.1

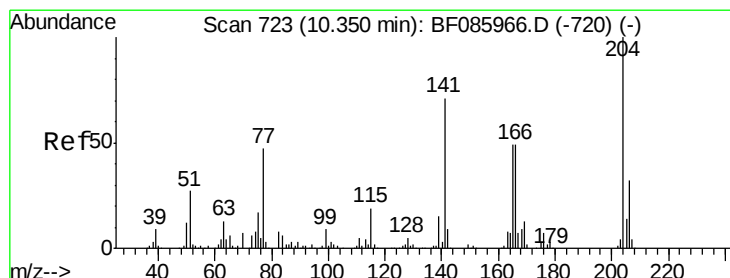
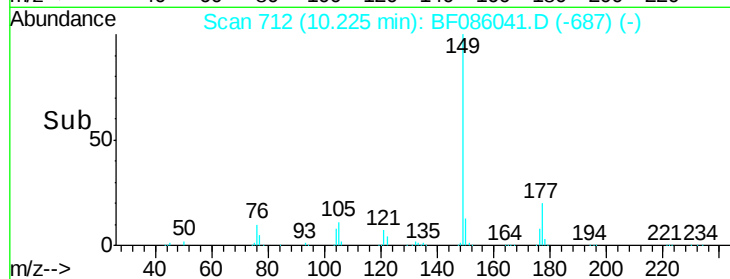
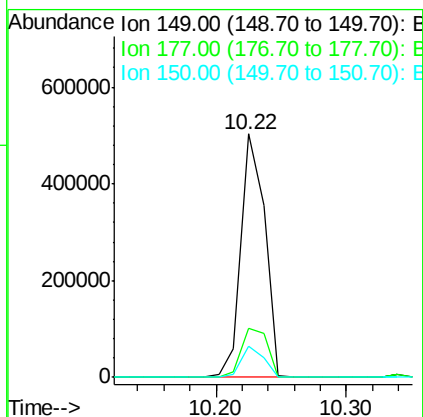
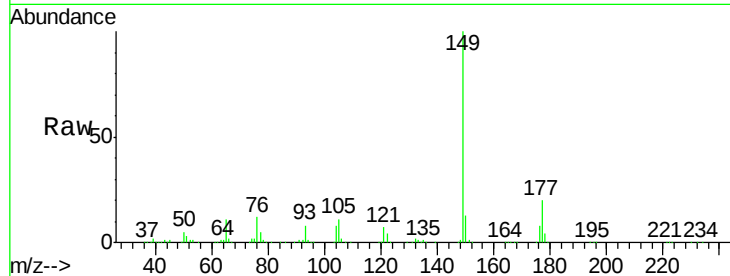




#59
Diethylphthalate
Concen: 37.74 ng
RT: 10.22 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF086041.D
Acq: 4 Apr 2016 16:38

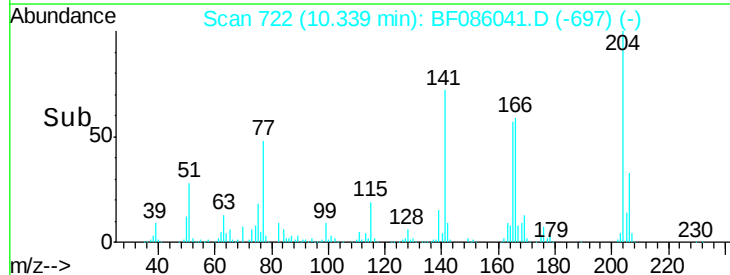
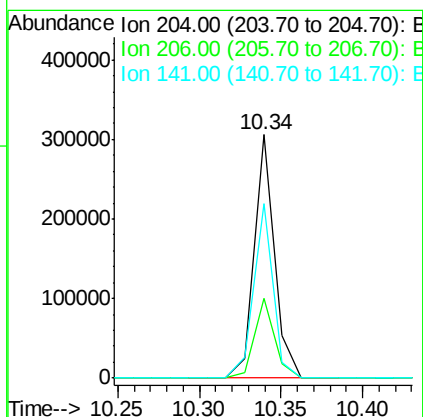
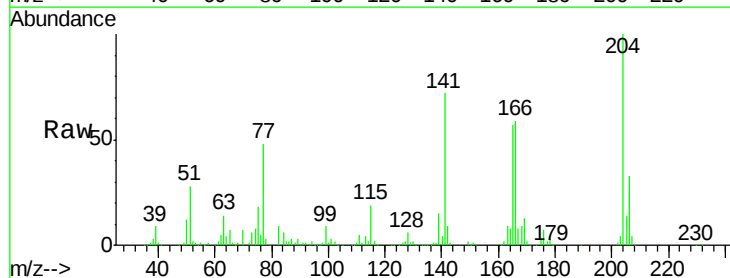
Instrument :
BNA_F
ClientSampleId :
PB89461BS

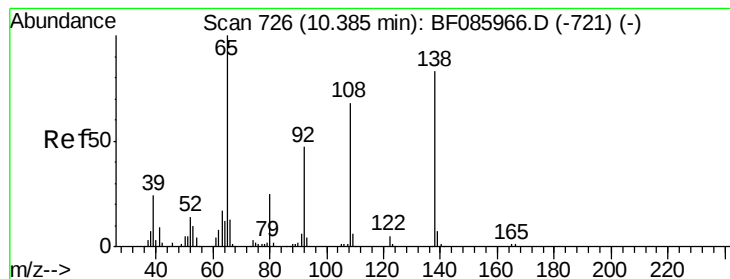
Tgt Ion:149 Resp: 635510
Ion Ratio Lower Upper
149 100
177 20.1 17.9 26.9
150 13.0 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 37.70 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF086041.D
Acq: 4 Apr 2016 16:38

Tgt Ion:204 Resp: 265533
Ion Ratio Lower Upper
204 100
206 32.5 26.6 39.8
141 71.6 57.4 86.0





#61

4-Nitroaniline

Concen: 41.26 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

Instrument :

BNA_F

ClientSampleId :

PB89461BS

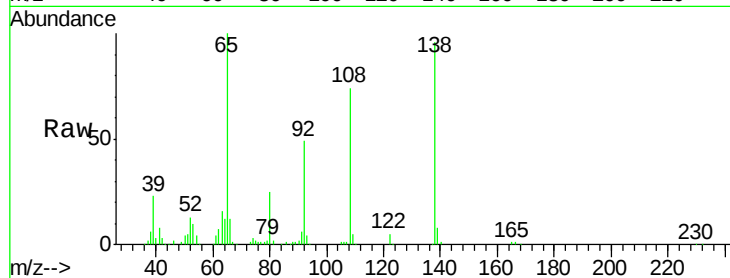
Tgt Ion:138 Resp: 172844

Ion Ratio Lower Upper

138 100

92 51.2 26.4 66.4

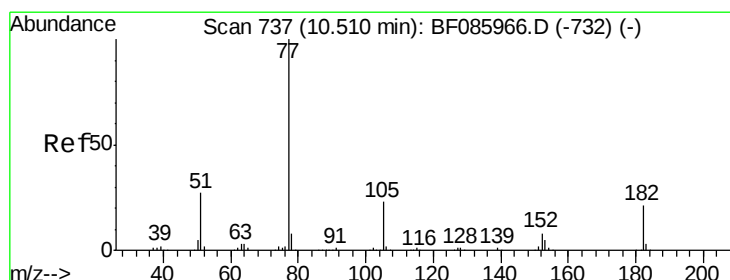
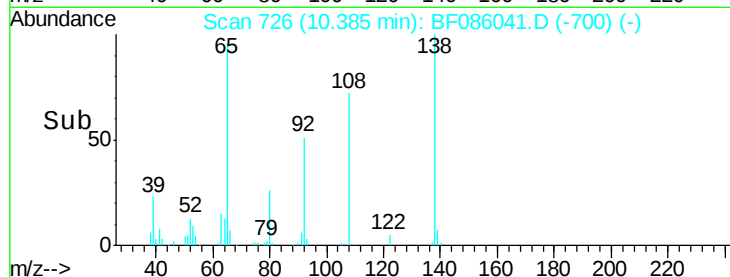
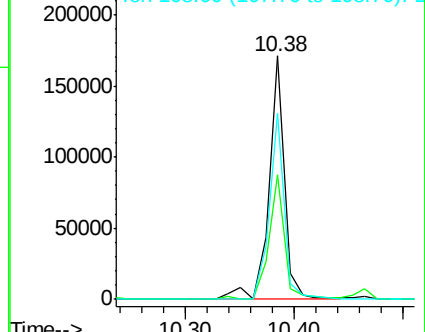
108 76.6 49.0 89.0



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: 42.73 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

Tgt Ion: 77 Resp: 689081

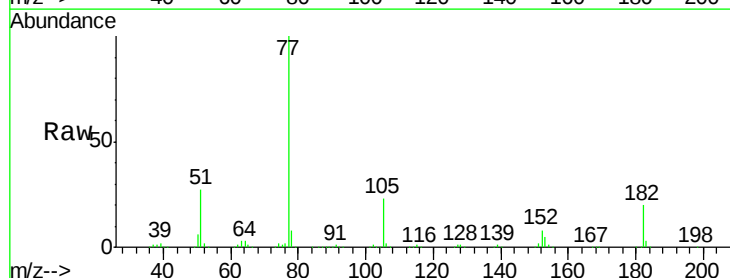
Ion Ratio Lower Upper

77 100

182 20.5 1.9 41.9

105 23.1 3.5 43.5

51 27.1 6.3 46.3

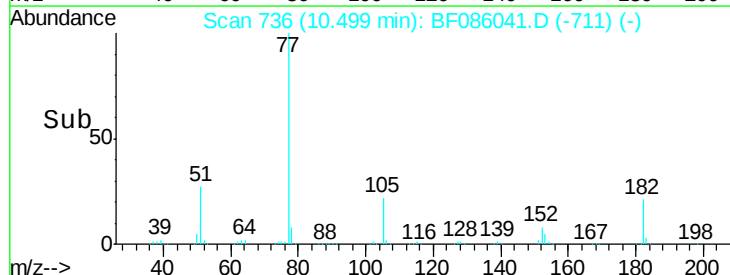
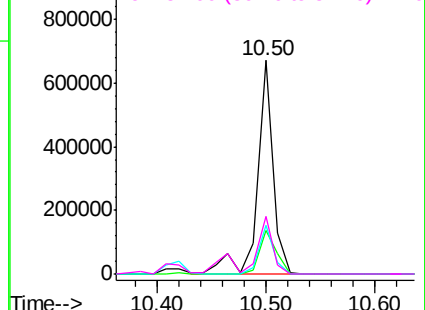


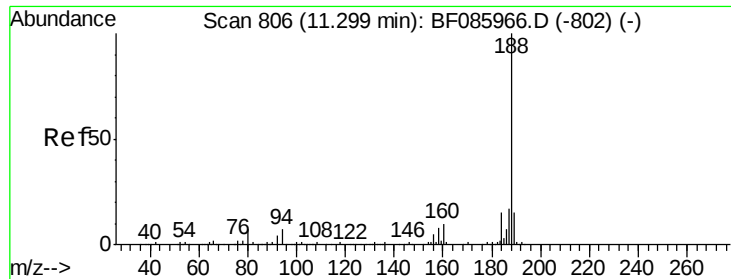
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

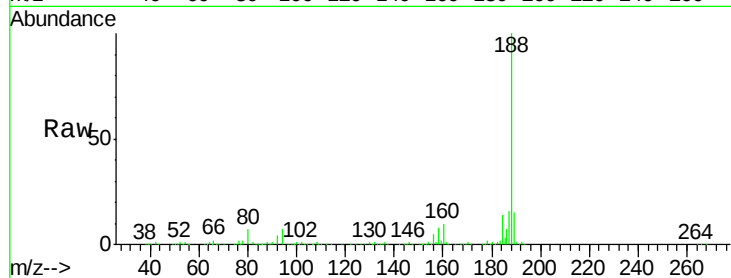




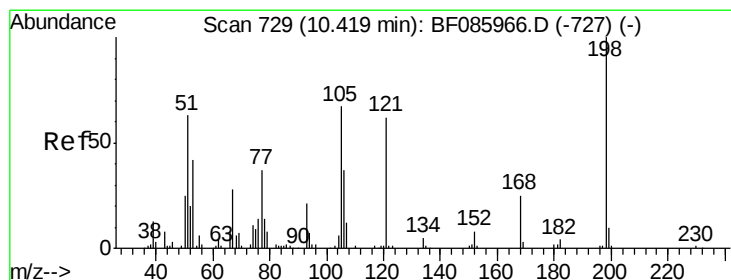
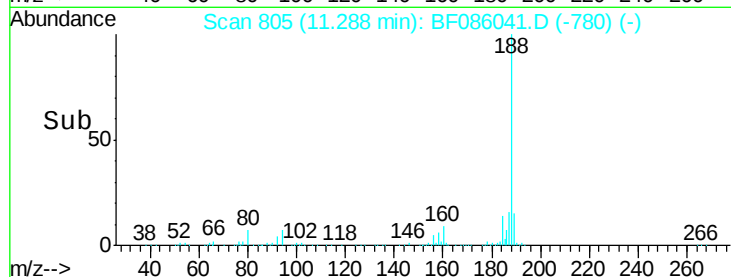
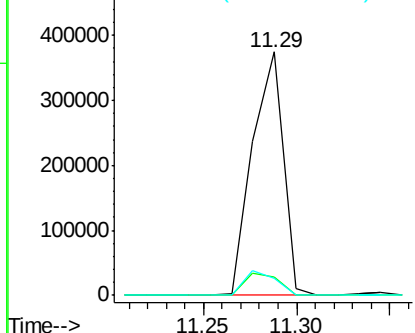
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF086041.D
Acq: 4 Apr 2016 16:38

Instrument :
BNA_F
ClientSampleId :
PB89461BS

Tgt Ion:188 Resp: 429143
Ion Ratio Lower Upper
188 100
94 7.3 5.4 8.0
80 7.0 5.5 8.3

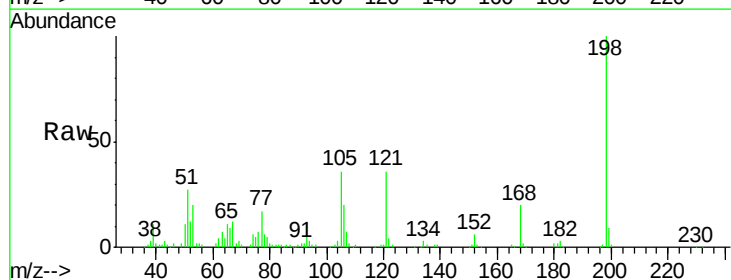


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

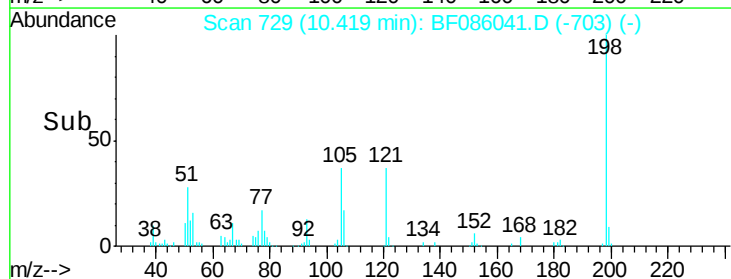
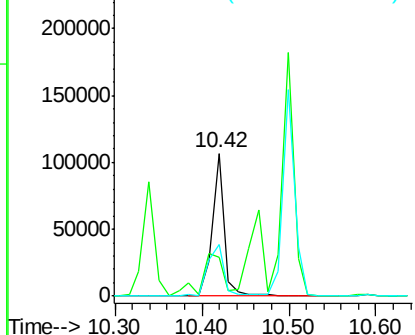


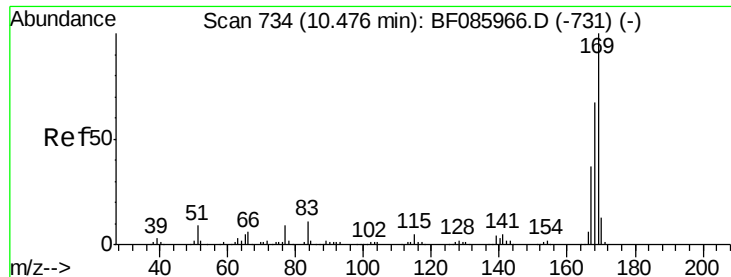
#64
4,6-Dinitro-2-methylphenol
Concen: 40.37 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF086041.D
Acq: 4 Apr 2016 16:38

Tgt Ion:198 Resp: 104999
Ion Ratio Lower Upper
198 100
51 27.4 45.4 85.4#
105 36.0 45.9 85.9#



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: 40.96 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

Instrument :

BNA_F

ClientSampleId :

PB89461BS

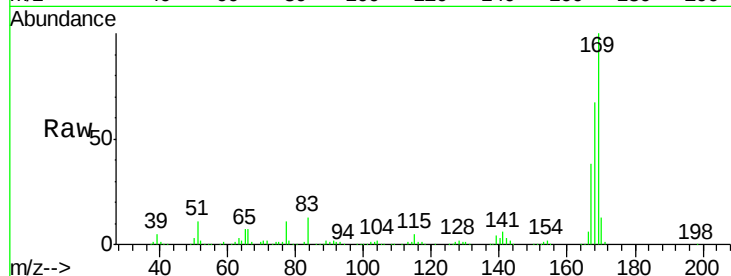
Tgt Ion:169 Resp: 549665

Ion Ratio Lower Upper

169 100

168 66.9 54.4 81.6

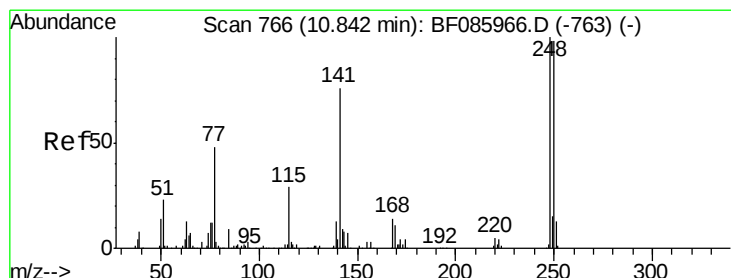
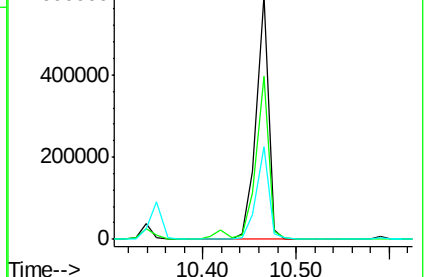
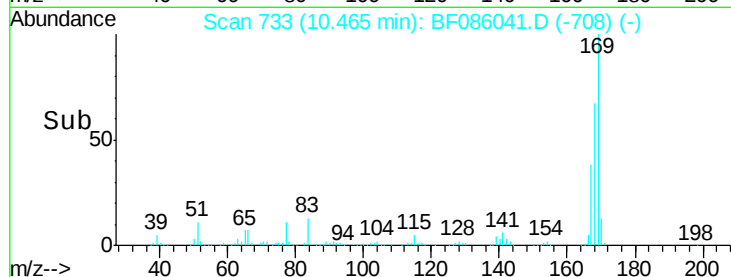
167 37.9 29.4 44.0



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: 40.38 ng

RT: 10.83 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

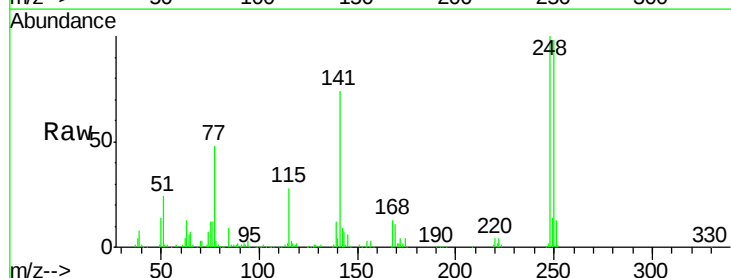
Tgt Ion:248 Resp: 176931

Ion Ratio Lower Upper

248 100

250 97.7 77.4 116.0

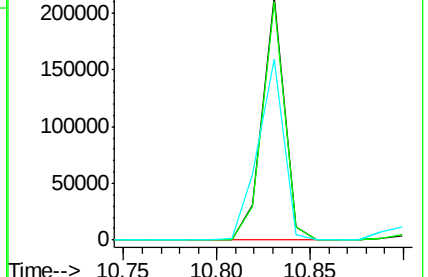
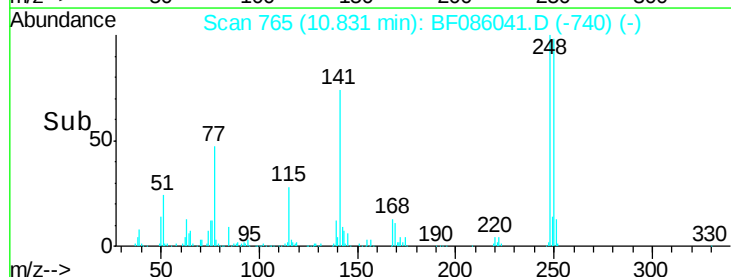
141 74.5 63.6 95.4

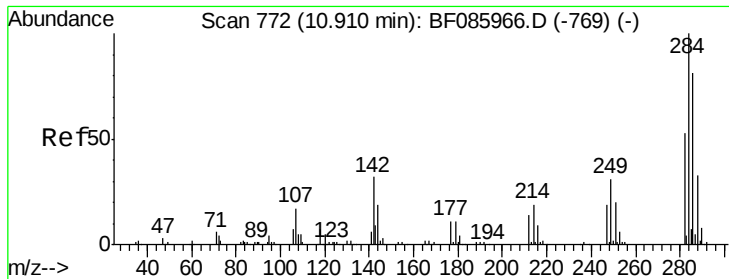


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

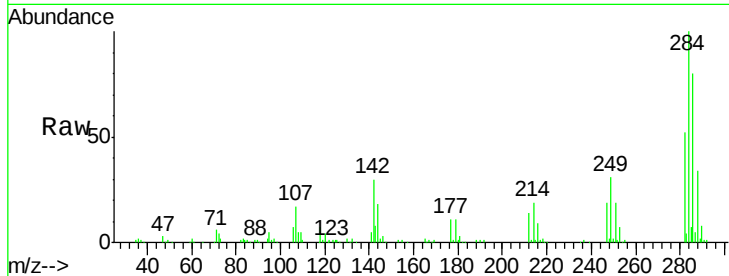




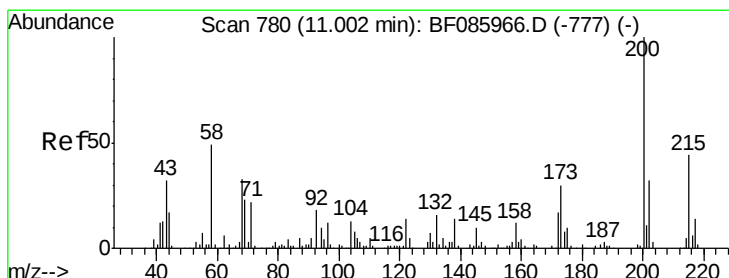
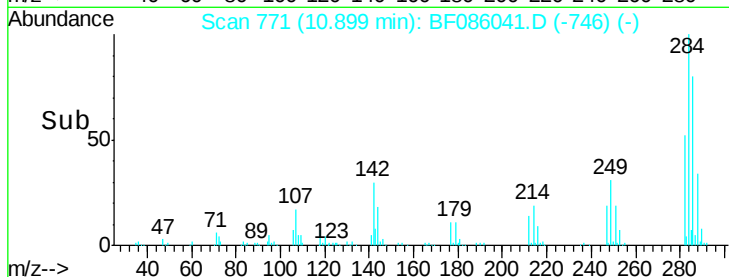
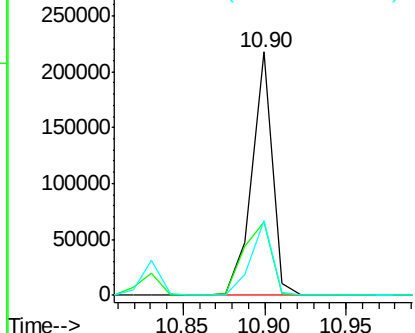
#67
Hexachlorobenzene
Concen: 41.97 ng
RT: 10.90 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF086041.D
Acq: 4 Apr 2016 16:38

Instrument :
BNA_F
ClientSampleId :
PB89461BS

Tgt Ion:284 Resp: 190143
Ion Ratio Lower Upper
284 100
142 30.4 23.1 34.7
249 30.5 24.2 36.2

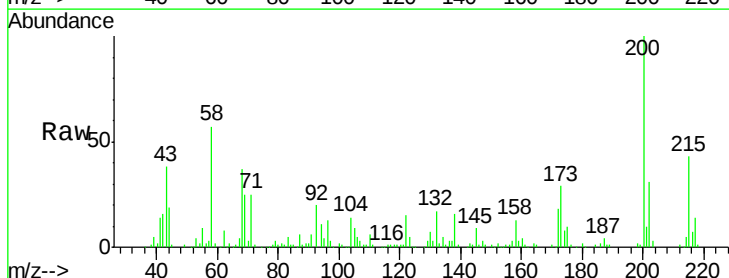


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

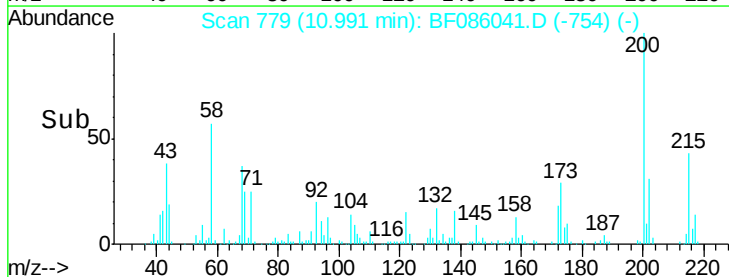
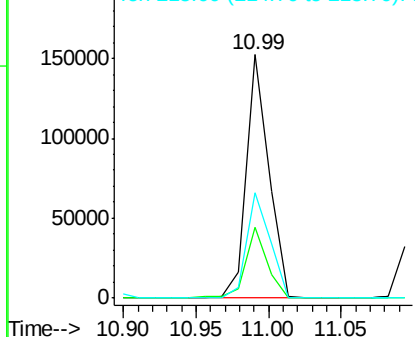


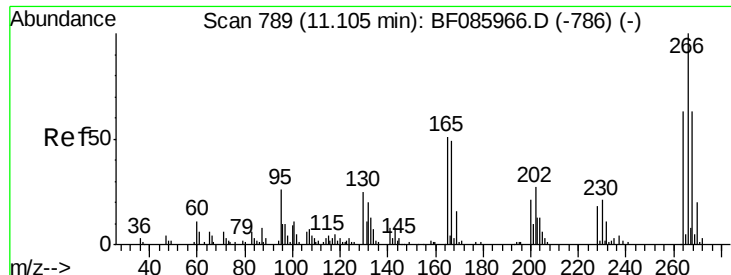
#68
Atrazine
Concen: 37.57 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF086041.D
Acq: 4 Apr 2016 16:38

Tgt Ion:200 Resp: 162922
Ion Ratio Lower Upper
200 100
173 29.2 7.7 47.7
215 43.2 25.4 65.4



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

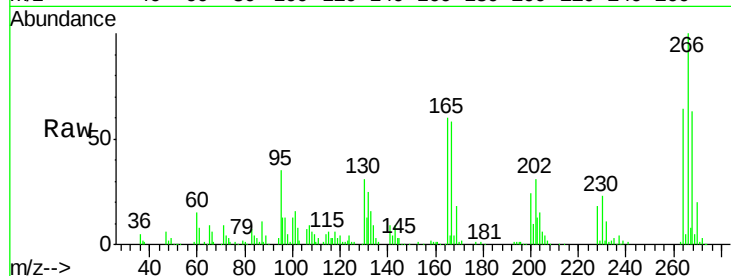




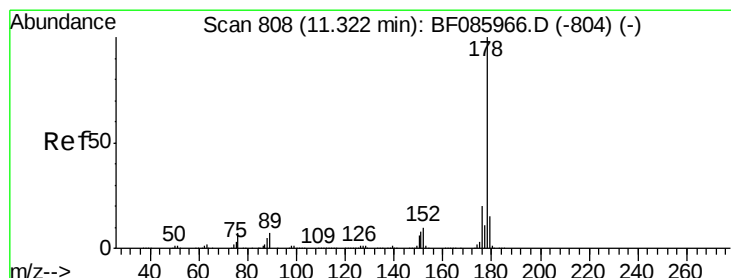
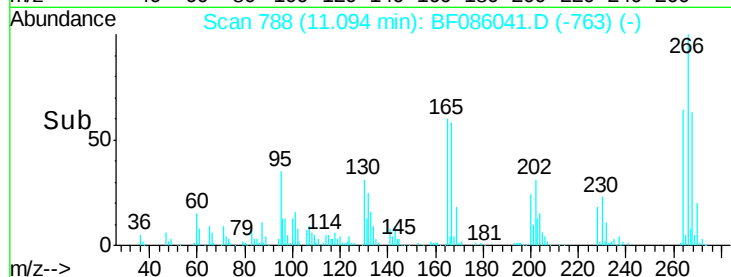
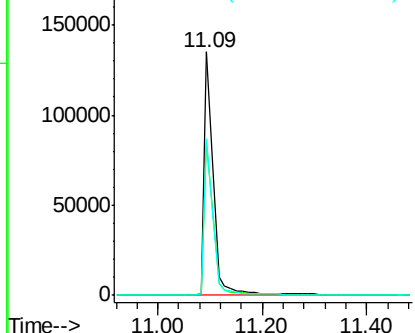
#69
 Pentachlorophenol
 Concen: 78.89 ng
 RT: 11.09 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF086041.D
 Acq: 4 Apr 2016 16:38

Instrument :
 BNA_F
 ClientSampleId :
 PB89461BS

Tgt Ion:266 Resp: 167513
 Ion Ratio Lower Upper
 266 100
 268 62.9 51.5 77.3
 264 64.3 50.6 76.0

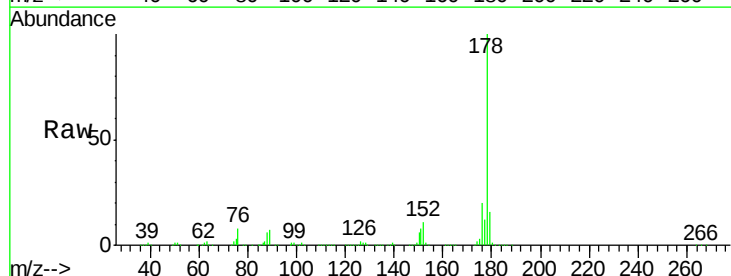


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

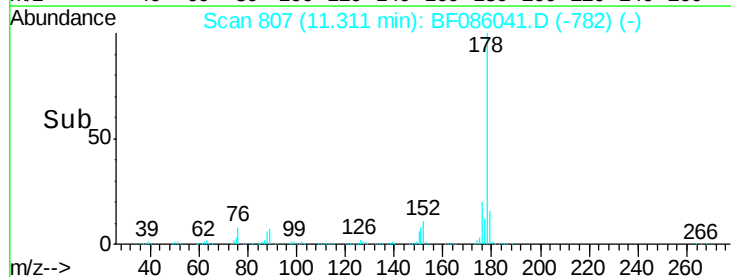
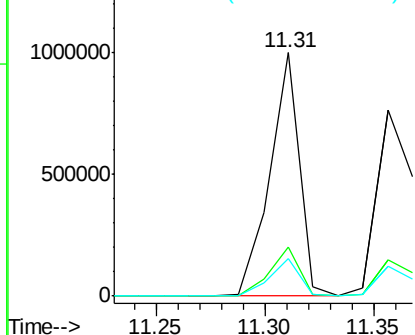


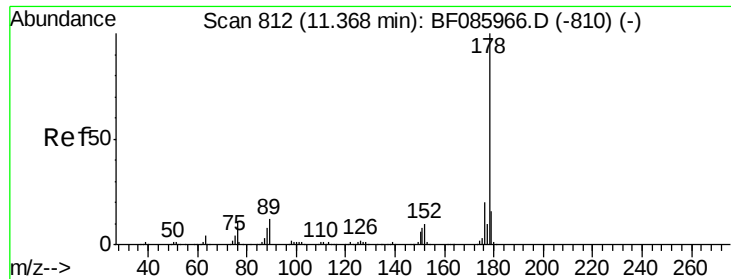
#70
 Phenanthrene
 Concen: 40.90 ng
 RT: 11.31 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF086041.D
 Acq: 4 Apr 2016 16:38

Tgt Ion:178 Resp: 957503
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.3 24.5
 179 15.7 12.6 18.8



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

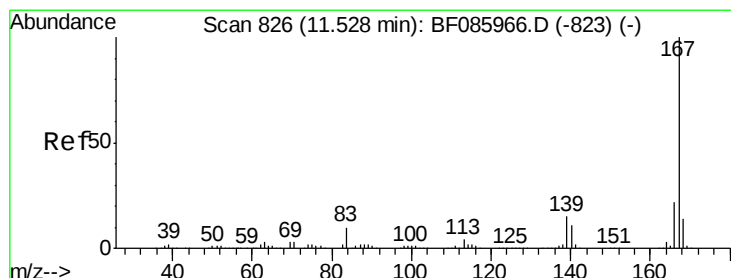
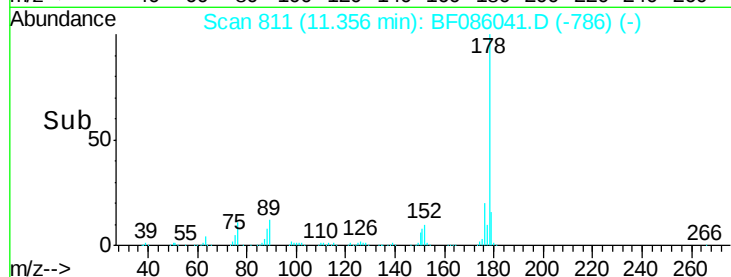
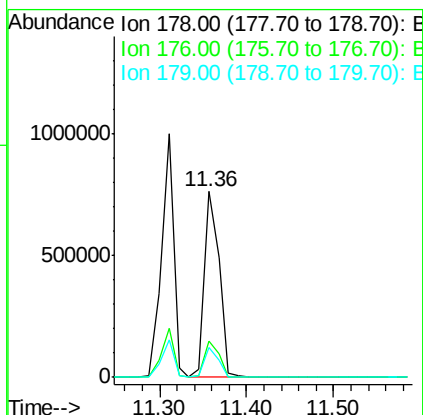
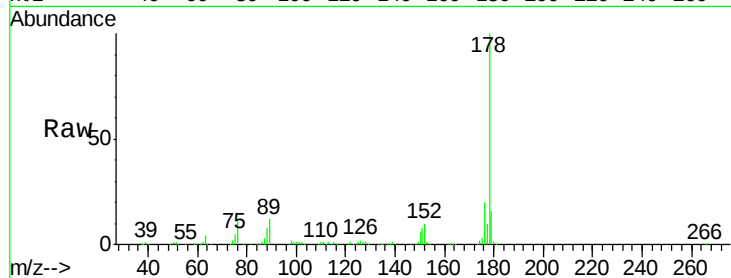




#71
 Anthracene
 Concen: 36.90 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF086041.D
 Acq: 4 Apr 2016 16:38

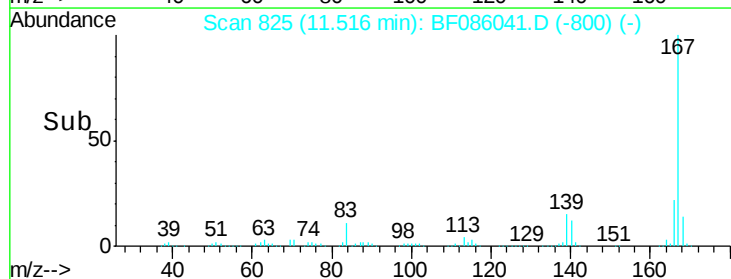
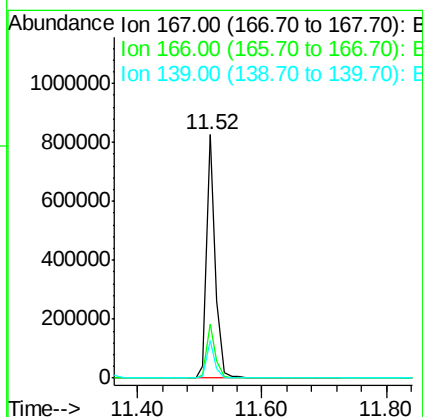
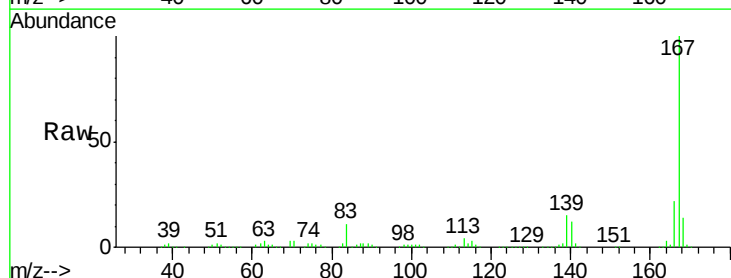
Instrument :
 BNA_F
 ClientSampleId :
 PB89461BS

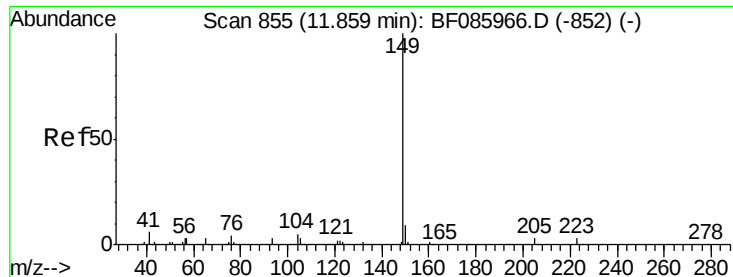
Tgt Ion:178 Resp: 905013
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.9 23.9
 179 16.2 13.0 19.4



#72
 Carbazole
 Concen: 38.13 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF086041.D
 Acq: 4 Apr 2016 16:38

Tgt Ion:167 Resp: 803917
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.8 26.8
 139 15.2 11.6 17.4





#73

Di-n-butylphthalate

Concen: 40.16 ng

RT: 11.85 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

Instrument :

BNA_F

ClientSampleId :

PB89461BS

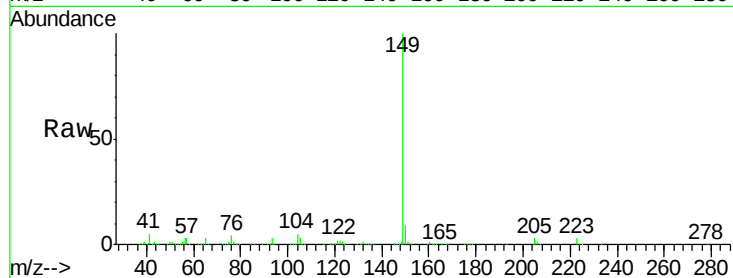
Tgt Ion:149 Resp: 1049096

Ion Ratio Lower Upper

149 100

150 9.5 7.6 11.4

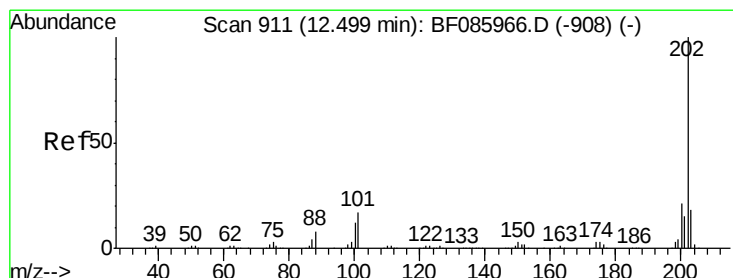
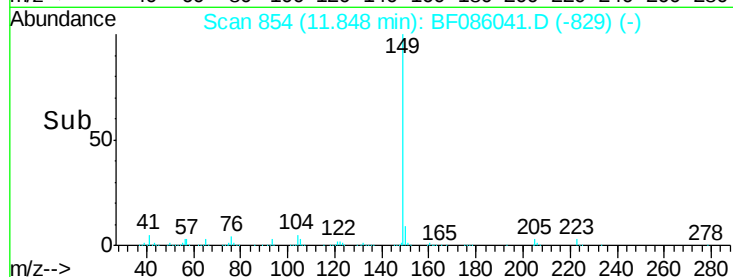
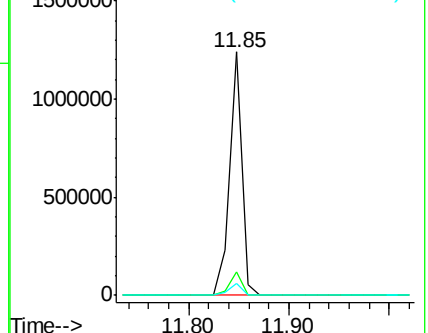
104 4.8 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.42 ng

RT: 12.49 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

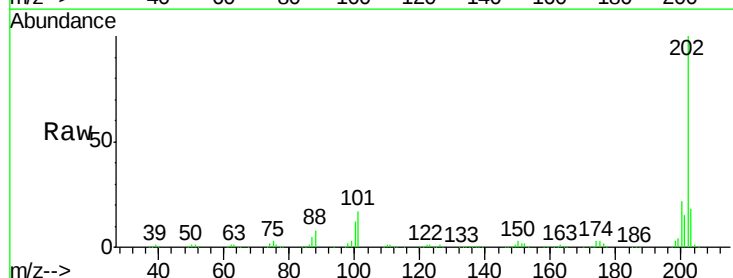
Tgt Ion:202 Resp: 935570

Ion Ratio Lower Upper

202 100

101 16.5 0.0 36.6

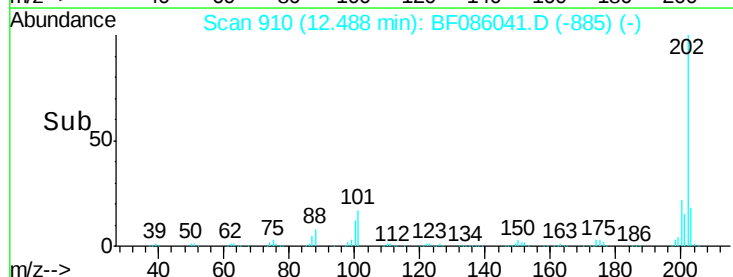
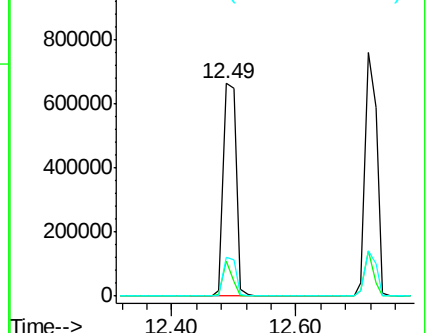
203 18.3 0.0 38.1

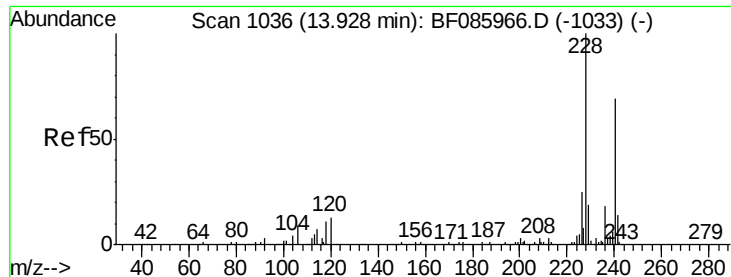


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

Instrument :

BNA_F

ClientSampleId :

PB89461BS

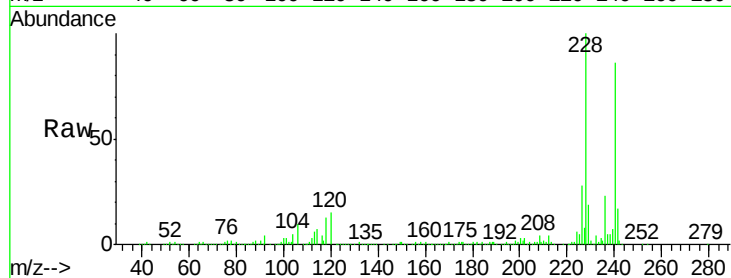
Tgt Ion:240 Resp: 350790

Ion Ratio Lower Upper

240 100

120 17.1 13.8 20.8

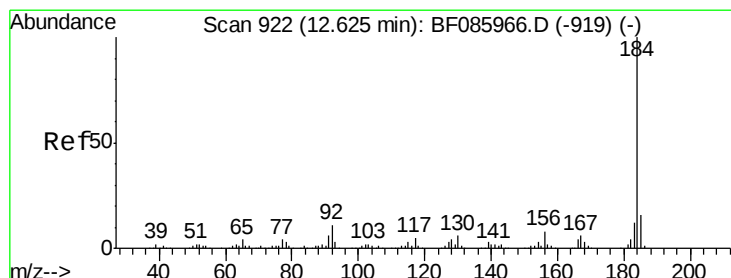
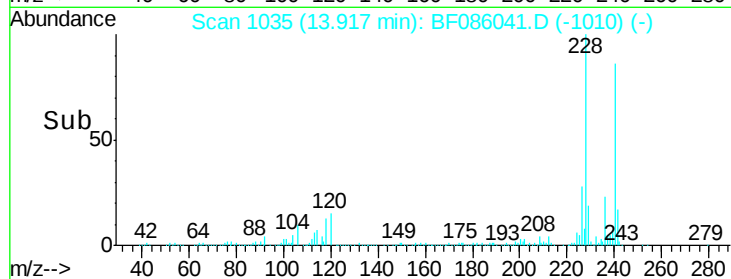
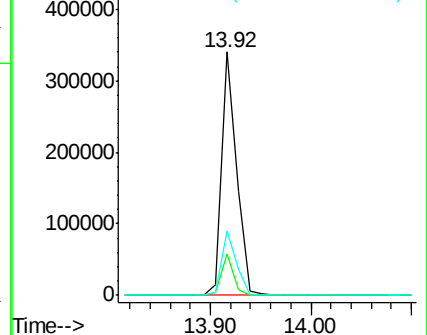
236 26.5 20.6 30.8



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: 34.16 ng

RT: 12.61 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

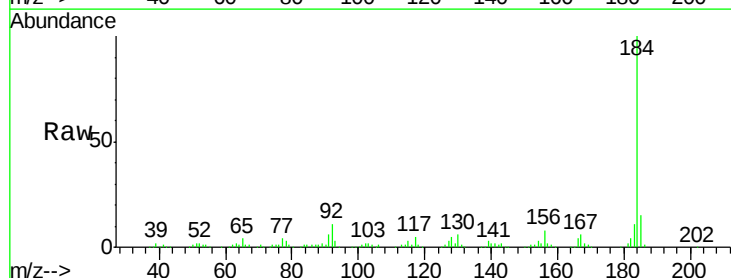
Tgt Ion:184 Resp: 422789

Ion Ratio Lower Upper

184 100

185 15.5 12.4 18.6

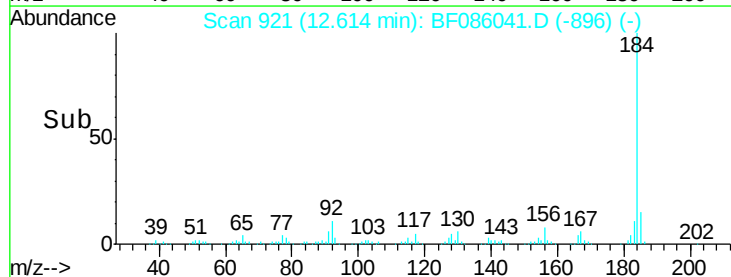
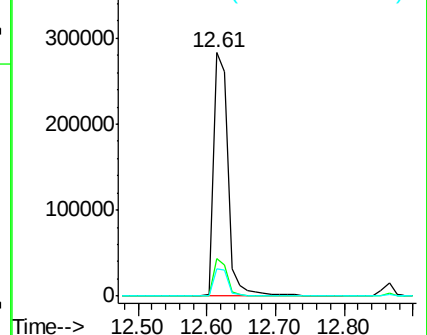
183 11.4 9.4 14.2

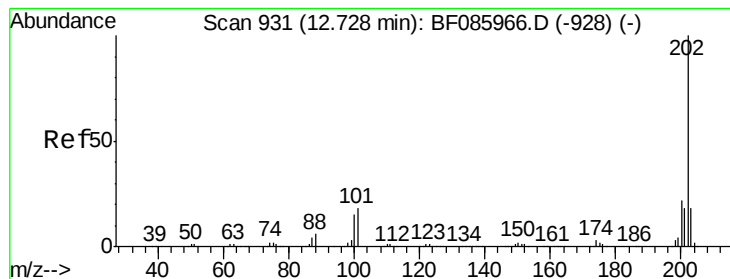


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 39.08 ng

RT: 12.72 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

Instrument :

BNA_F

ClientSampleId :

PB89461BS

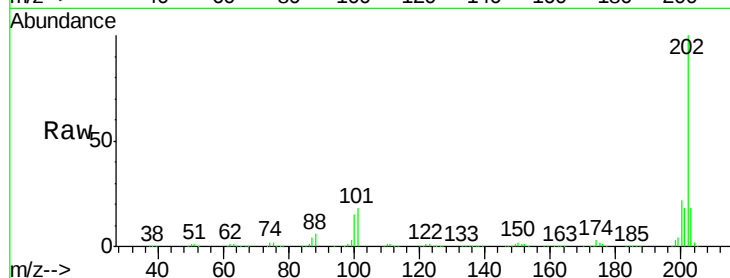
Tgt Ion:202 Resp: 966023

Ion Ratio Lower Upper

202 100

200 22.5 17.6 26.4

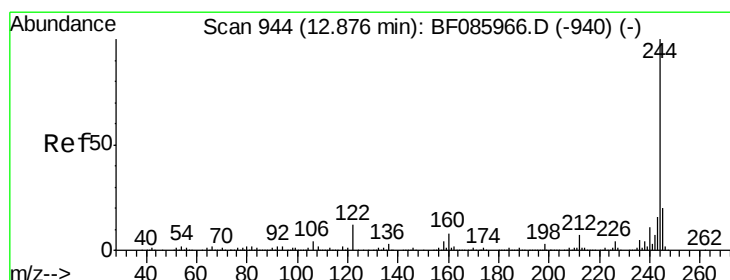
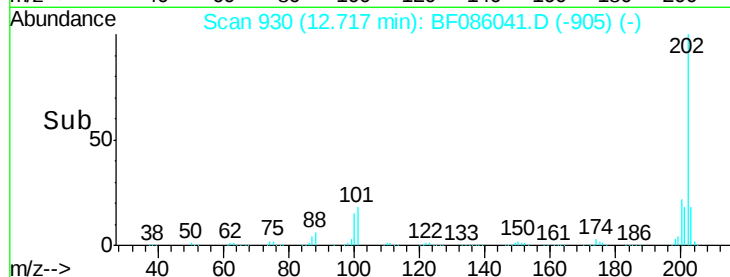
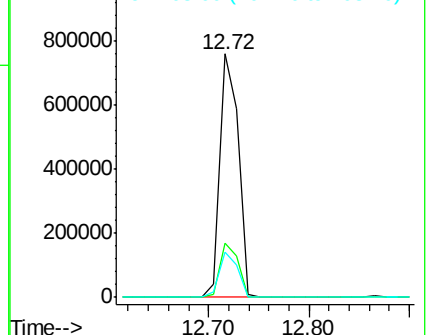
203 18.4 14.0 21.0



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: 73.88 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

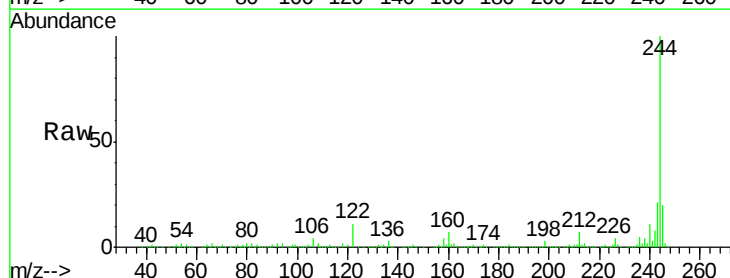
Tgt Ion:244 Resp: 1102557

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

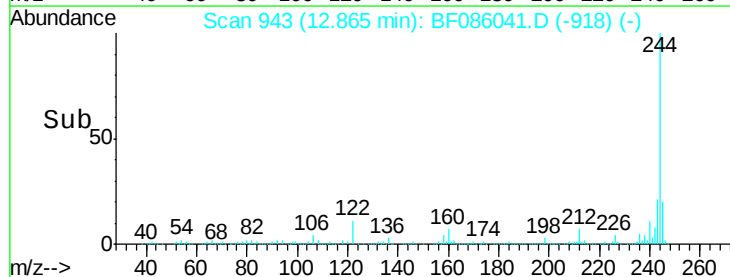
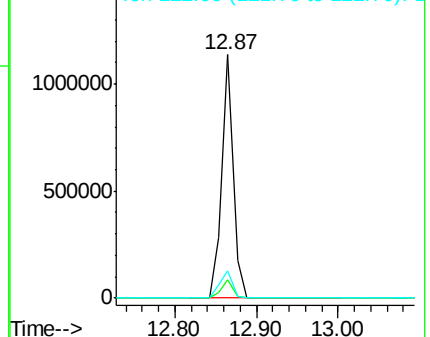
122 11.4 10.2 15.4

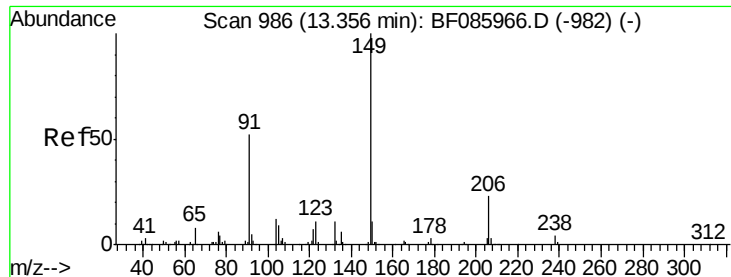


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 40.36 ng

RT: 13.33 min Scan# 984

Delta R.T. -0.02 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

Instrument :

BNA_F

ClientSampleId :

PB89461BS

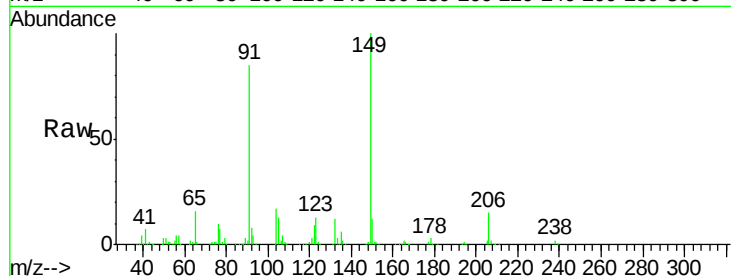
Tgt Ion:149 Resp: 449226

Ion Ratio Lower Upper

149 100

91 85.5 45.8 68.8#

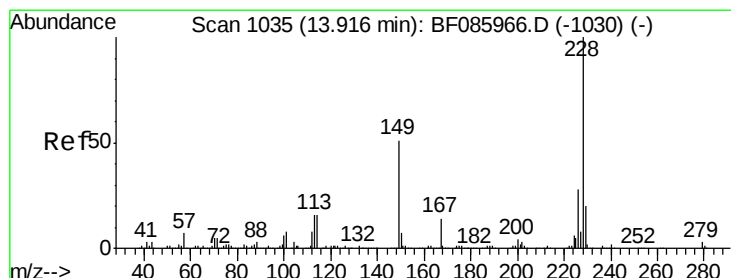
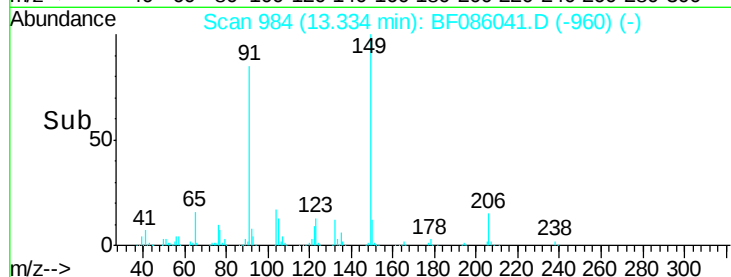
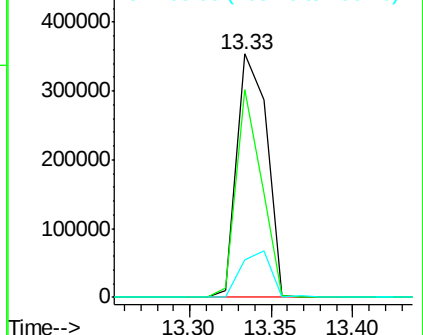
206 15.2 17.8 26.8#



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: 38.75 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

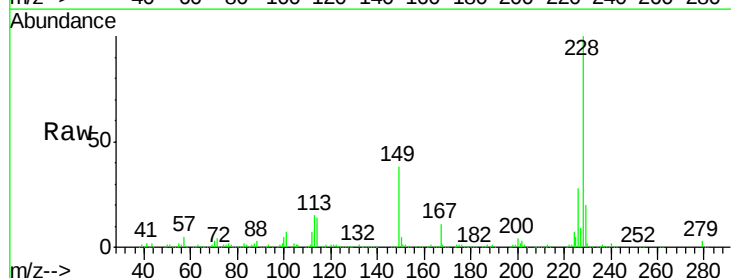
Tgt Ion:228 Resp: 801176

Ion Ratio Lower Upper

228 100

226 28.0 22.1 33.1

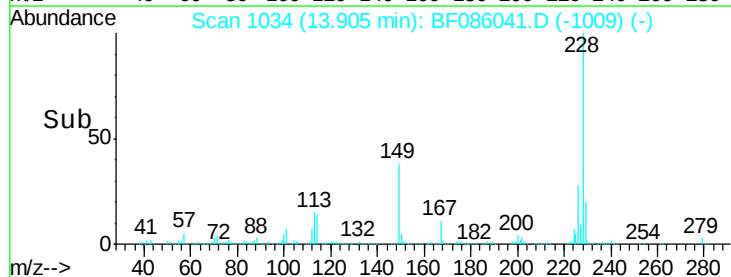
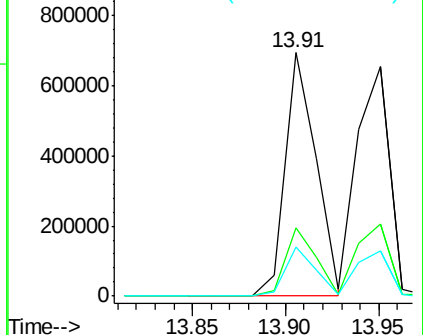
229 20.2 16.2 24.4



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

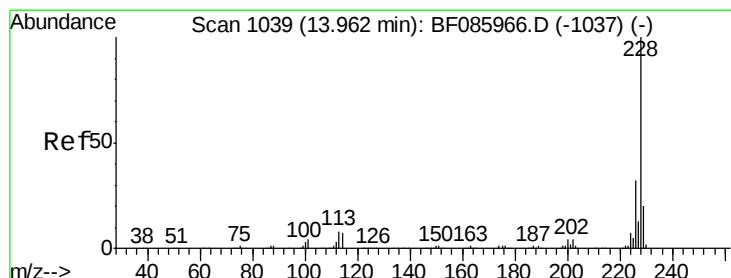
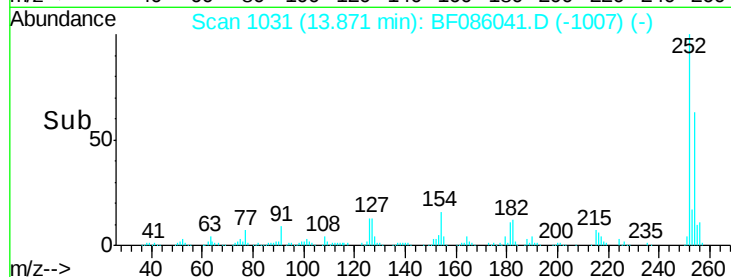
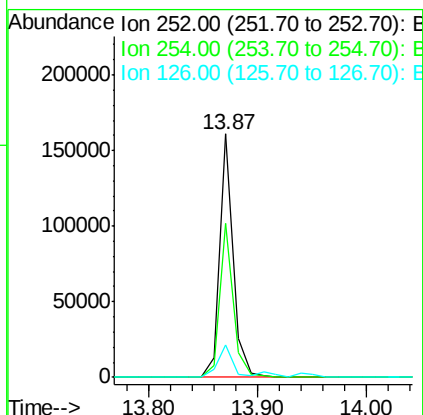
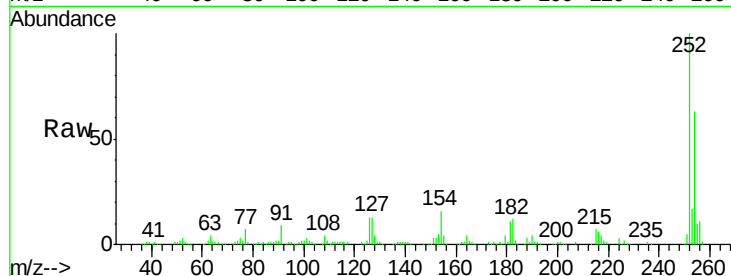




#81
 3,3'-Dichlorobenzidine
 Concen: 9.34 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.02 min
 Lab File: BF086041.D
 Acq: 4 Apr 2016 16:38

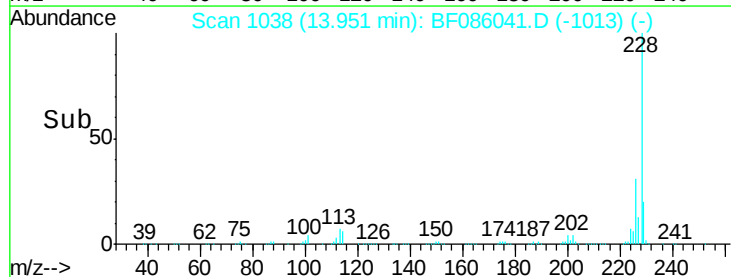
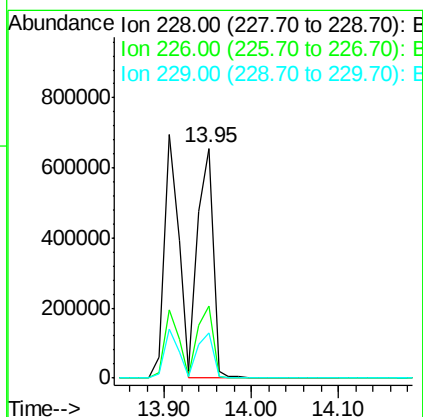
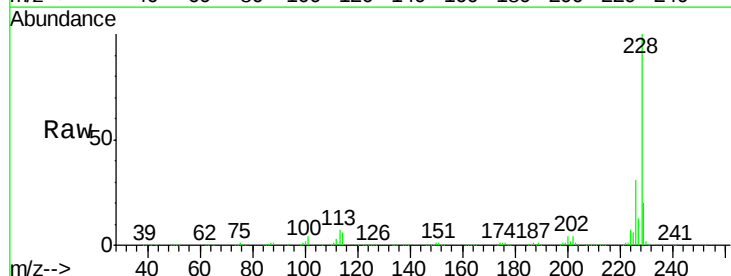
Instrument :
 BNA_F
 ClientSampleId :
 PB89461BS

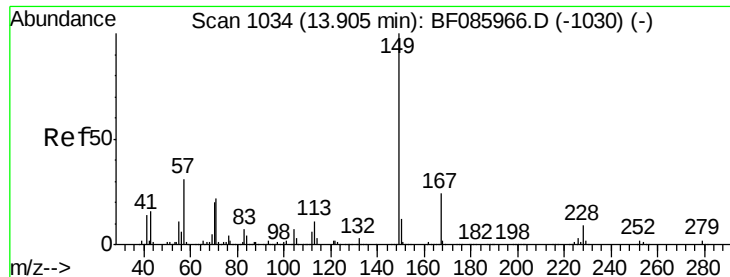
Tgt Ion:252 Resp: 141000
 Ion Ratio Lower Upper
 252 100
 254 63.3 50.7 76.1
 126 13.1 11.8 17.6



#82
 Chrysene
 Concen: 40.24 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF086041.D
 Acq: 4 Apr 2016 16:38

Tgt Ion:228 Resp: 801541
 Ion Ratio Lower Upper
 228 100
 226 31.1 25.0 37.6
 229 19.8 15.7 23.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.09 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

Instrument :

BNA_F

ClientSampleId :

PB89461BS

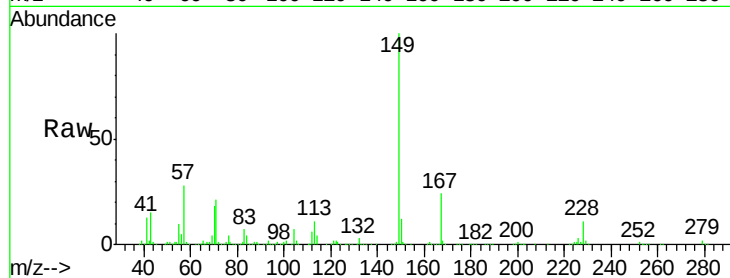
Tgt Ion:149 Resp: 577526

Ion Ratio Lower Upper

149 100

167 24.4 19.4 29.2

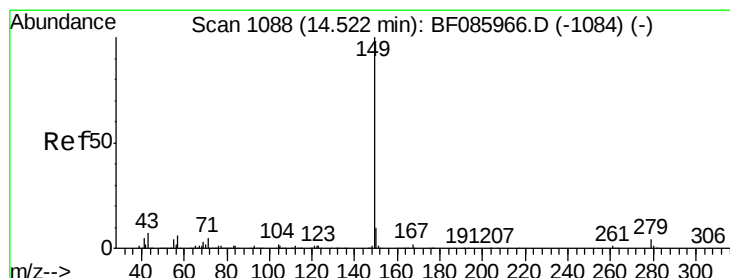
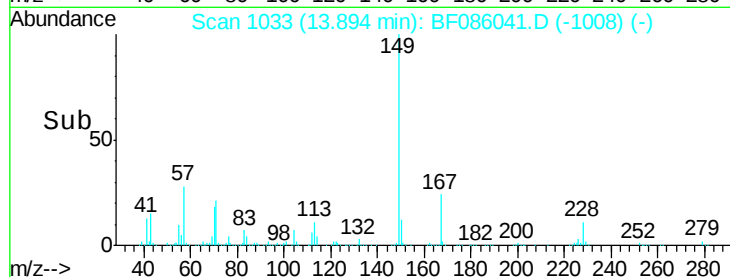
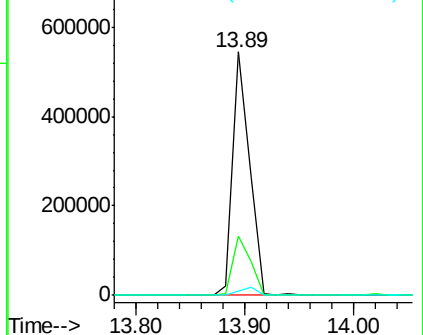
279 2.0 1.5 2.3



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: 45.64 ng

RT: 14.51 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

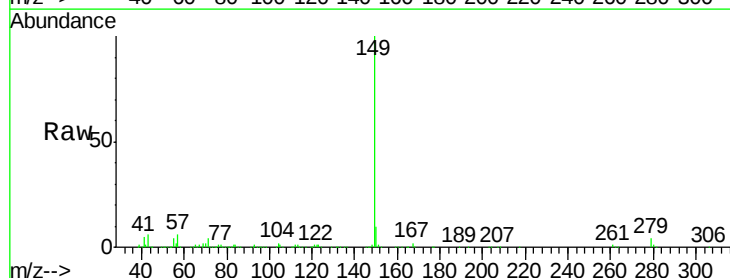
Tgt Ion:149 Resp: 1076749

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

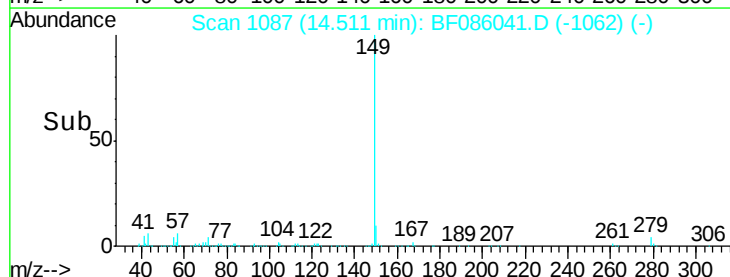
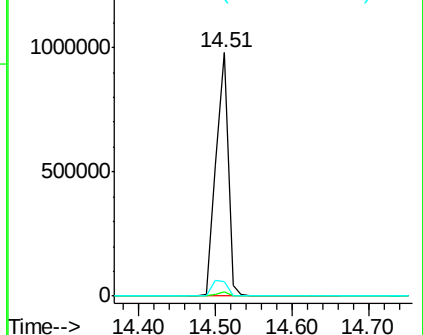
43 8.1 7.1 10.7



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

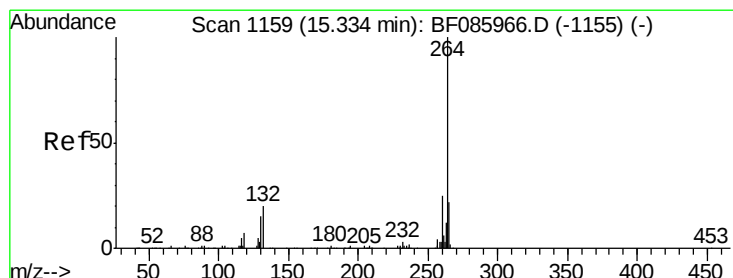
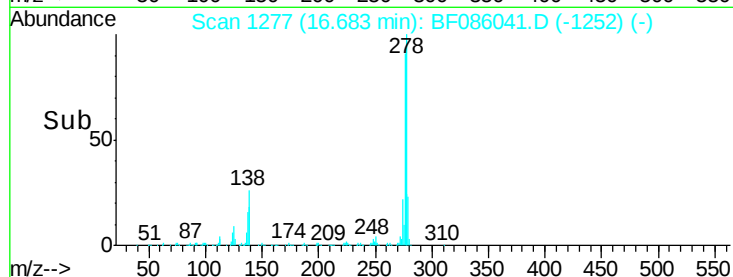
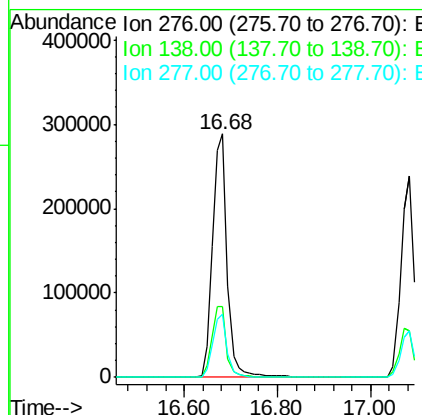
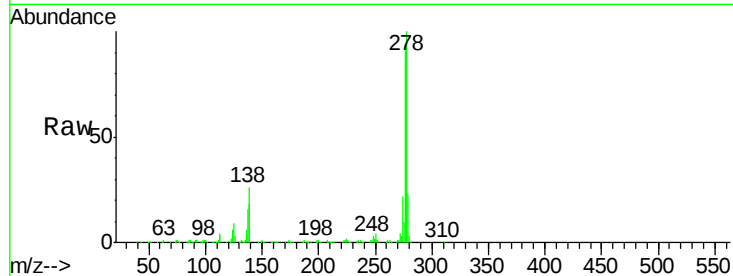




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.37 ng
 RT: 16.68 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BF086041.D
 Acq: 4 Apr 2016 16:38

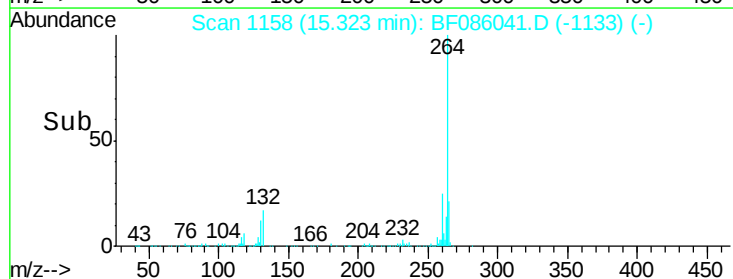
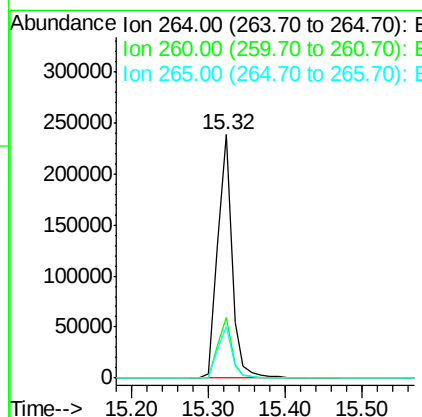
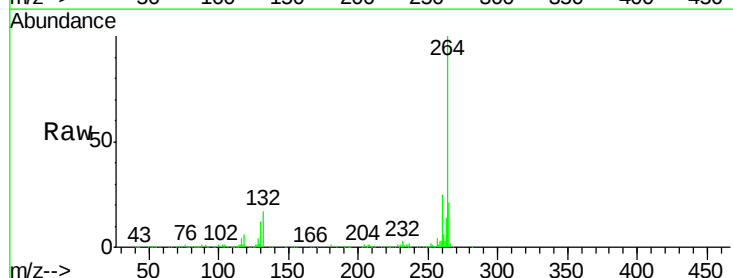
Instrument :
 BNA_F
 ClientSampleId :
 PB89461BS

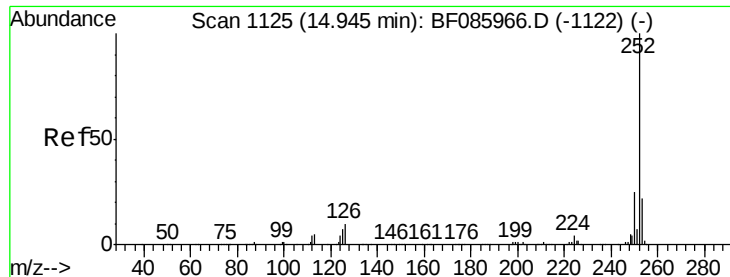
Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.5	24.2	36.4
277	25.4	20.0	30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BF086041.D
 Acq: 4 Apr 2016 16:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.4	29.2
265	21.3	17.2	25.8

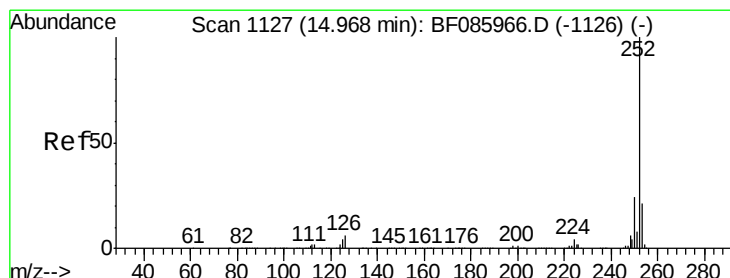
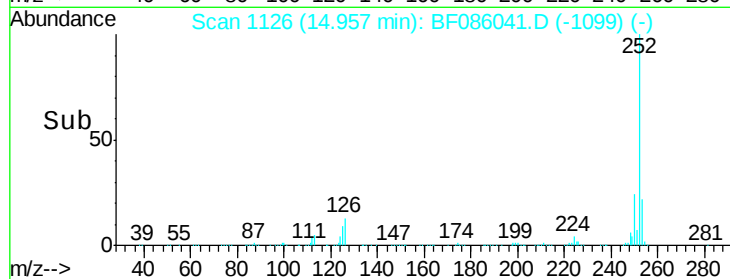
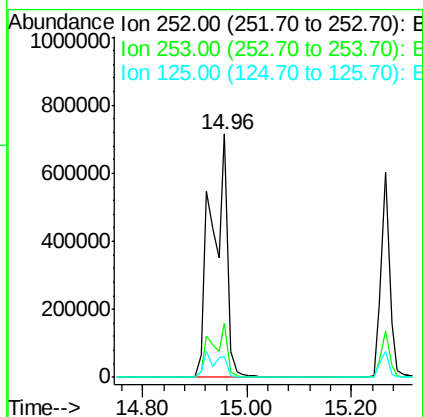
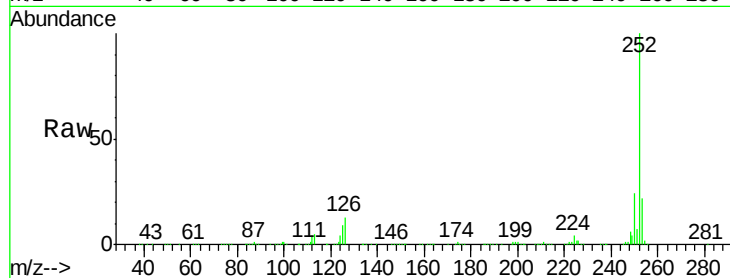




#87
Benzo(b)fluoranthene
Concen: 78.93 ng
RT: 14.96 min Scan# 1126
Delta R.T. 0.01 min
Lab File: BF086041.D
Acq: 4 Apr 2016 16:38

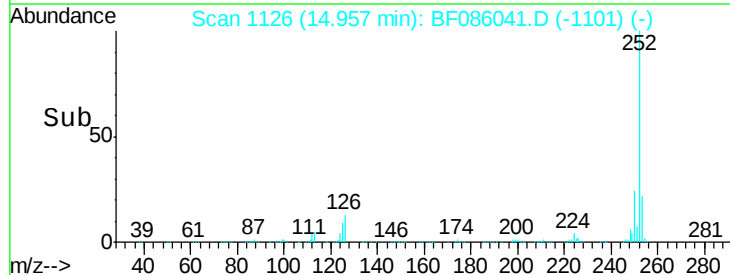
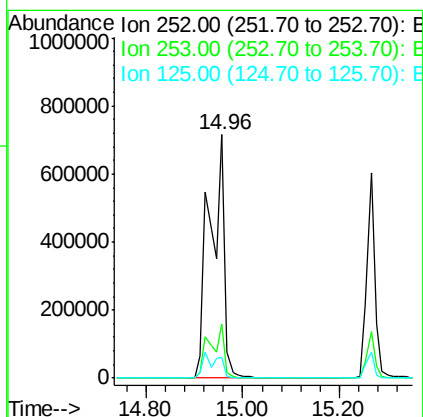
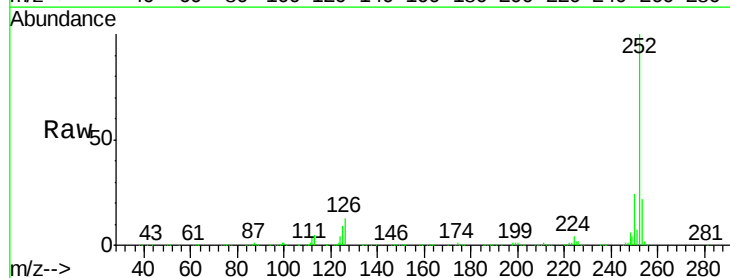
Instrument :
BNA_F
ClientSampleId :
PB89461BS

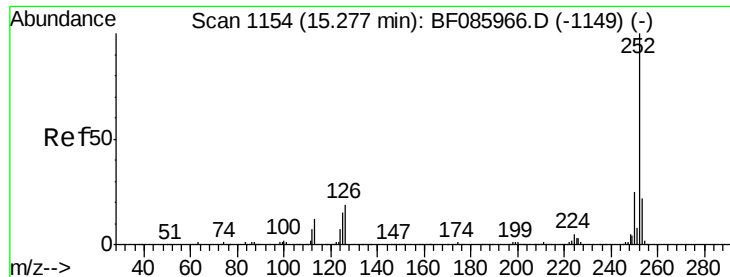
Tgt Ion:252 Resp: 1537959
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 8.8 10.3 15.5#



#88
Benzo(k)fluoranthene
Concen: 89.18 ng
RT: 14.96 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF086041.D
Acq: 4 Apr 2016 16:38

Tgt Ion:252 Resp: 1538721
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 8.8 7.7 11.5





#89

Benzo(a)pyrene

Concen: 40.79 ng

RT: 15.27 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

Instrument :

BNA_F

ClientSampleId :

PB89461BS

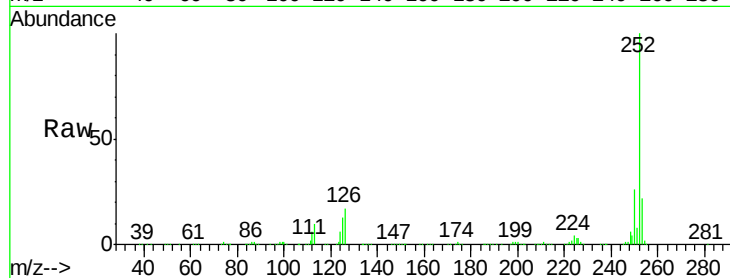
Tgt Ion: 252 Resp: 704294

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.0

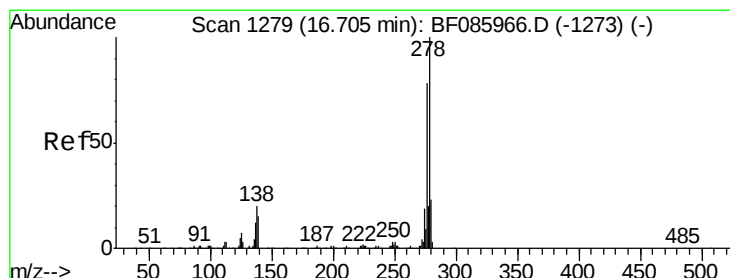
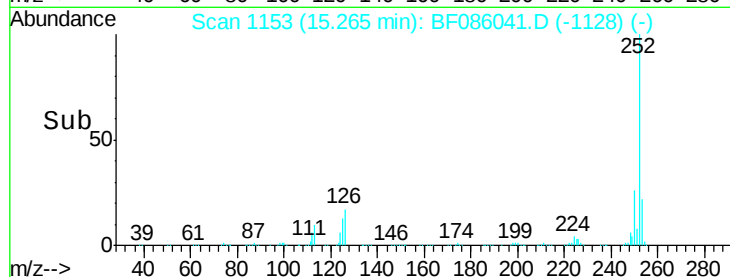
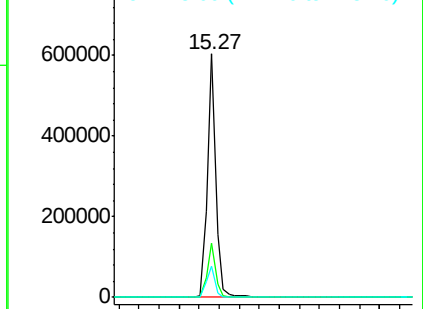
125 12.8 10.3 15.5



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: 38.21 ng

RT: 16.68 min Scan# 1277

Delta R.T. -0.02 min

Lab File: BF086041.D

Acq: 4 Apr 2016 16:38

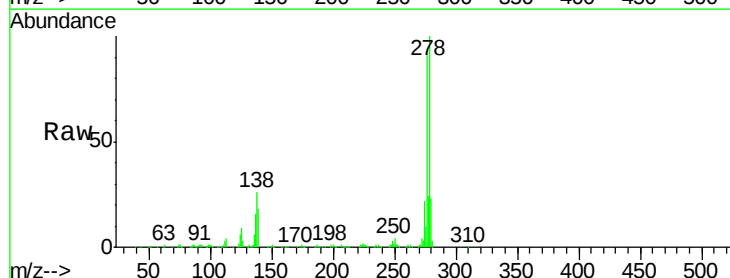
Tgt Ion: 278 Resp: 530735

Ion Ratio Lower Upper

278 100

139 18.4 14.4 21.6

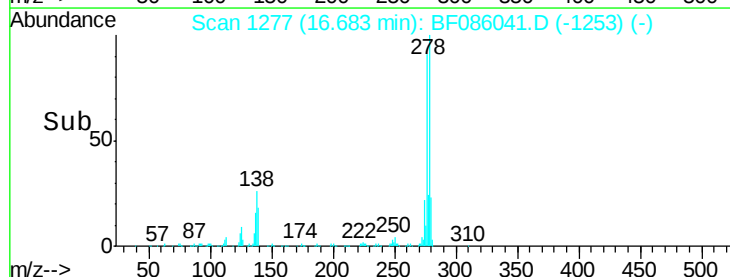
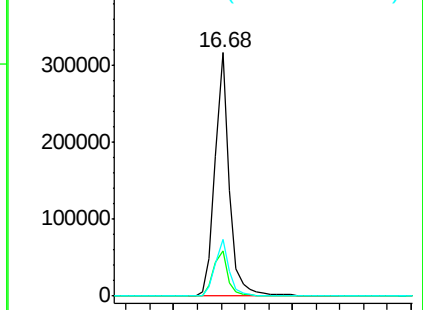
279 23.4 19.1 28.7

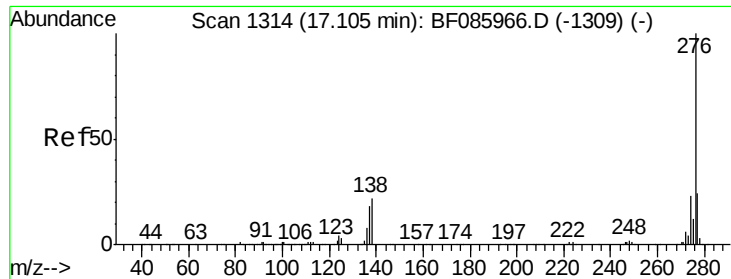


Abundance Ion 278.00 (277.70 to 278.70): E

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: 38.12 ng

RT: 17.08 min Scan# 1312

Delta R.T. -0.02 min

Lab File: BF086041.D

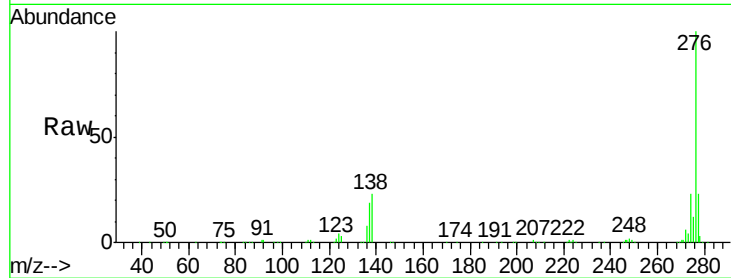
Acq: 4 Apr 2016 16:38

Instrument :

BNA_F

ClientSampleId :

PB89461BS



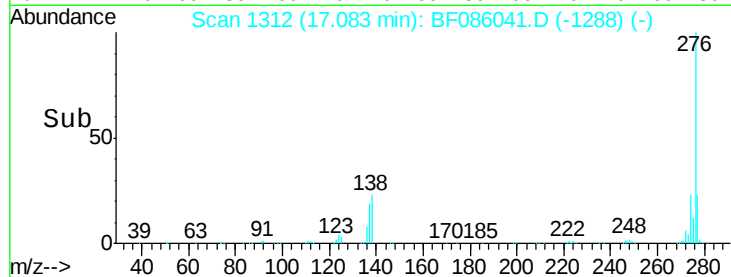
Tgt Ion: 276 Resp: 512491

Ion Ratio Lower Upper

276 100

277 23.4 18.8 28.2

138 23.1 22.6 34.0



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

300000

250000

200000

150000

100000

50000

0

17.08

17.00

17.20

17.40

Time-->