

Data File : BF093076.D
Acq On : 22 Feb 2017 15:39
Operator : SJ/MA
Sample : PB97102BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB97102BS

Quant Time: Feb 22 23:54:17 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	168113	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	636696	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	303029	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	565302	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	495905	20.00	ng	-0.02
86) Perylene-d12	15.41	264	338607	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1191841	121.63	ng	0.00
7) Phenol-d6	6.49	99	1442263	114.39	ng	0.00
23) Nitrobenzene-d5	7.41	82	951462	83.22	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	308835	140.91	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	1476137	88.25	ng	-0.02
78) Terphenyl-d14	12.94	244	1429506	67.73	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	186672	35.26	ng	# 84
3) Pyridine	3.21	79	527113	39.15	ng	89
4) n-Nitrosodimethylamine	3.16	42	254755	40.30	ng	87
6) Aniline	6.51	93	289049	16.81	ng	# 45
8) 2-Chlorophenol	6.62	128	427317	39.53	ng	95
9) Benzaldehyde	6.38	77	66047	7.31	ng	92
10) Phenol	6.50	94	611998	41.49	ng	80
11) bis(2-Chloroethyl)ether	6.58	93	434846	36.93	ng	92
12) 1,3-Dichlorobenzene	7.01	146	467800	36.95	ng	97
13) 1,4-Dichlorobenzene	6.85	146	497153	38.79	ng	98
14) 1,2-Dichlorobenzene	7.01	146	468798	38.26	ng	95
15) Benzyl Alcohol	6.99	79	361885	38.77	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	801462	39.18	ng	96
17) 2-Methylphenol	7.10	107	363258	39.17	ng	96
18) Hexachloroethane	7.34	117	165296	37.78	ng	# 89
19) n-Nitroso-di-n-propylamine	7.26	70	325057	40.50	ng	# 94
20) 3+4-Methylphenols	7.26	107	462944	41.75	ng	# 84
22) Acetophenone	7.25	105	590880	40.65	ng	# 97
24) Nitrobenzene	7.42	77	451488	38.46	ng	100
25) Isophorone	7.66	82	882783	41.43	ng	96
26) 2-Nitrophenol	7.74	139	257680	46.17	ng	92
27) 2,4-Dimethylphenol	7.79	122	440995	45.00	ng	94
28) bis(2-Chloroethoxy)methane	7.88	93	591363	41.91	ng	99
29) 2,4-Dichlorophenol	7.98	162	367542	40.21	ng	88
30) 1,2,4-Trichlorobenzene	8.06	180	386903	39.28	ng	96
31) Naphthalene	8.14	128	1221250	37.84	ng	99
32) Benzoic acid	7.93	122	227449	42.01	ng	97
33) 4-Chloroaniline	8.20	127	112464	8.88	ng	96
34) Hexachlorobutadiene	8.26	225	199951	36.89	ng	99
35) Caprolactam	8.57	113	84922	29.54	ng	# 26
36) 4-Chloro-3-methylphenol	8.69	107	421848	44.27	ng	96
37) 2-Methylnaphthalene	8.83	142	844317	40.74	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	367358	43.19	ng	99
40) Hexachlorocyclopentadiene	8.99	237	335664	87.46	ng	98

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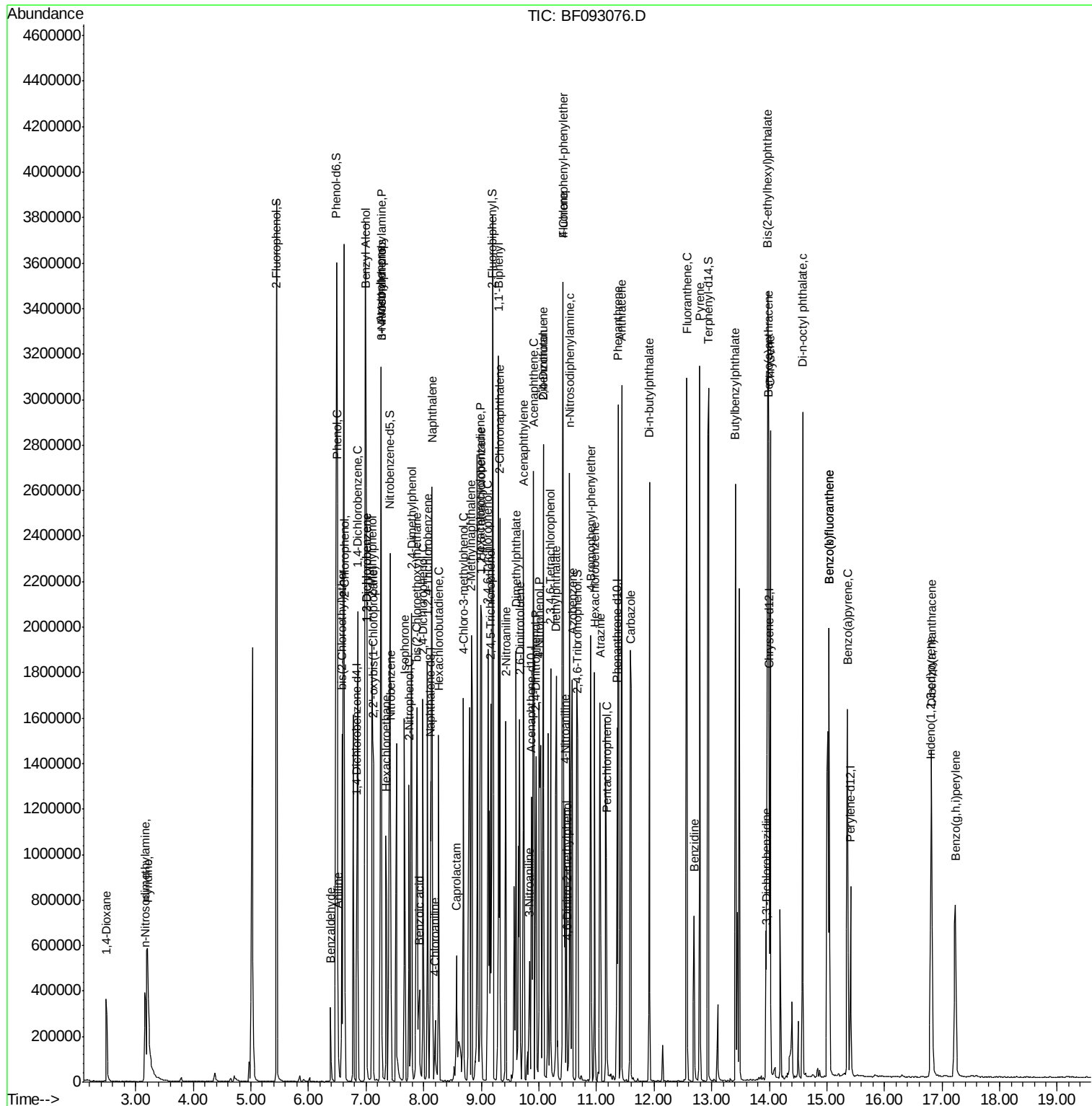
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	255571	45.72	ng	91
43) 2,4,5-Trichlorophenol	9.16	196	257147	41.99	ng	95
45) 1,1'-Biphenyl	9.30	154	980441	44.68	ng	97
46) 2-Chloronaphthalene	9.32	162	762822	44.44	ng	96
47) 2-Nitroaniline	9.42	65	269362	46.67	ng	97
48) Acenaphthylene	9.73	152	1208115	40.74	ng	99
49) Dimethylphthalate	9.61	163	1003489	49.16	ng	99
50) 2,6-Dinitrotoluene	9.66	165	189940	43.09	ng	# 77
51) Acenaphthene	9.90	154	700178	39.49	ng	97
52) 3-Nitroaniline	9.84	138	94467	18.73	ng	83
53) 2,4-Dinitrophenol	9.95	184	224574	98.96	ng	# 86
54) Dibenzofuran	10.08	168	1026382	43.28	ng	99
55) 4-Nitrophenol	10.01	139	284267	78.24	ng	94
56) 2,4-Dinitrotoluene	10.08	165	284310	48.45	ng	# 85
57) Fluorene	10.42	166	752111	41.23	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.20	232	216276	52.94	ng	97
59) Diethylphthalate	10.30	149	920571	47.86	ng	95
60) 4-Chlorophenyl-phenylether	10.42	204	374117	42.69	ng	# 74
61) 4-Nitroaniline	10.45	138	231023	44.71	ng	89
62) Azobenzene	10.58	77	990568	49.85	ng	85
64) 4,6-Dinitro-2-methylphenol	10.49	198	147049	43.03	ng	87
65) n-Nitrosodiphenylamine	10.53	169	692170	38.33	ng	99
66) 4-Bromophenyl-phenylether	10.90	248	216633	36.68	ng	95
67) Hexachlorobenzene	10.97	284	219960	37.69	ng	# 88
68) Atrazine	11.06	200	226687	39.12	ng	99
69) Pentachlorophenol	11.17	266	246000	81.50	ng	97
70) Phenanthrene	11.38	178	1131339	34.93	ng	99
71) Anthracene	11.44	178	1354485	41.65	ng	98
72) Carbazole	11.60	167	1173297	37.74	ng	# 96
73) Di-n-butylphthalate	11.92	149	1301058	38.70	ng	# 97
74) Fluoranthene	12.57	202	1225872	36.70	ng	97
76) Benzidine	12.69	184	339188	16.05	ng	96
77) Pyrene	12.80	202	1267954	34.17	ng	99
79) Butylbenzylphthalate	13.41	149	605968	40.21	ng	90
80) Benzo(a)anthracene	13.99	228	1005028	33.14	ng	99
81) 3,3'-Dichlorobenzidine	13.95	252	179522	16.60	ng	# 94
82) Chrysene	14.02	228	932620	32.84	ng	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	790695	38.36	ng	# 97
84) Di-n-octyl phthalate	14.58	149	1296703	38.64	ng	99
85) Indeno(1,2,3-cd)pyrene	16.81	276	706447	32.12	ng	# 94
87) Benzo(b)fluoranthene	15.04	252	1688179	75.75	ng	97
88) Benzo(k)fluoranthene	15.04	252	1688179	87.73	ng	# 96
89) Benzo(a)pyrene	15.36	252	766018	39.73	ng	98
90) Dibenzo(a,h)anthracene	16.82	278	588341	37.76	ng	95
91) Benzo(g,h,i)perylene	17.23	276	605388	38.46	ng	# 92

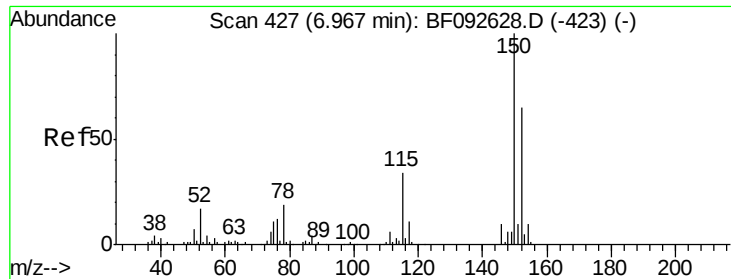
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 4 Sample Multiplier: 1

PB97102BS

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

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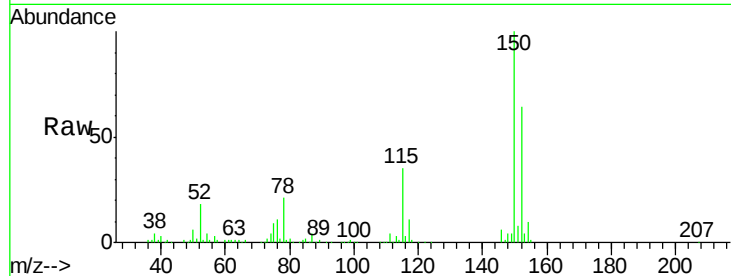
Tgt Ion:152 Resp: 168113

Ion Ratio Lower Upper

152 100

150 156.6 124.9 187.3

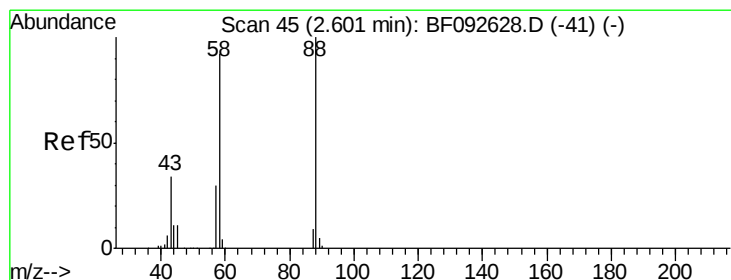
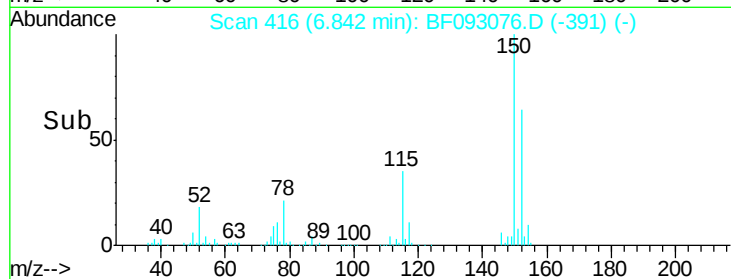
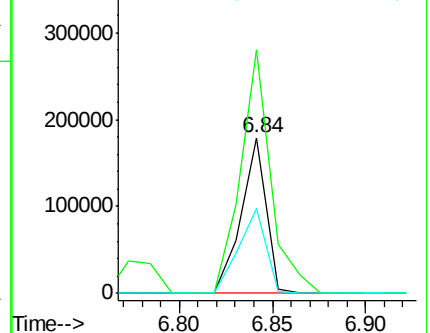
115 55.0 46.0 69.0



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: 35.26 ng

RT: 2.49 min Scan# 35

Delta R.T. 0.06 min

Lab File: BF093076.D

Acq: 22 Feb 2017 15:39

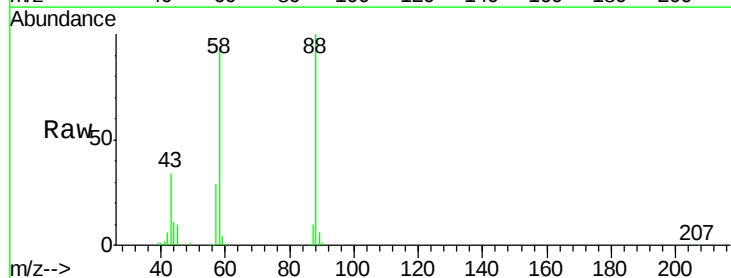
Tgt Ion: 88 Resp: 186672

Ion Ratio Lower Upper

88 100

58 88.8 57.8 86.8#

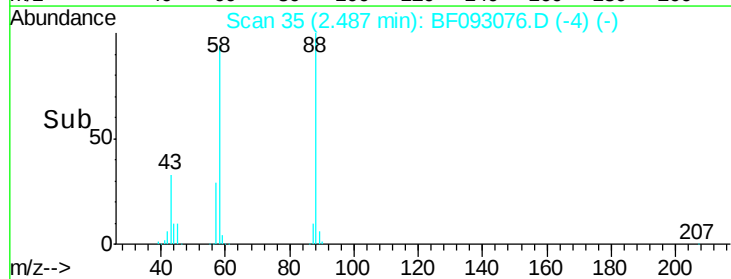
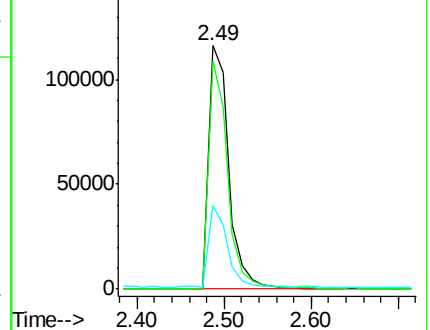
43 30.8 22.3 33.5

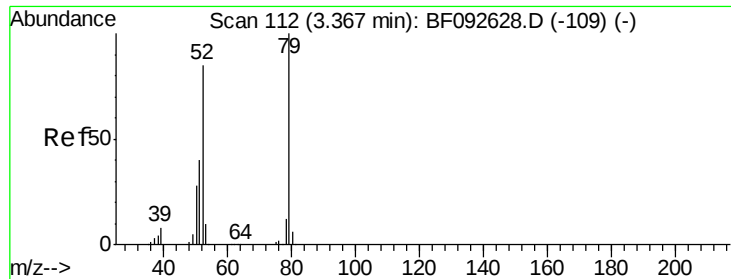


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 39.15 ng

RT: 3.21 min Scan# 98

Delta R.T. 0.06 min

Lab File: BF093076.D

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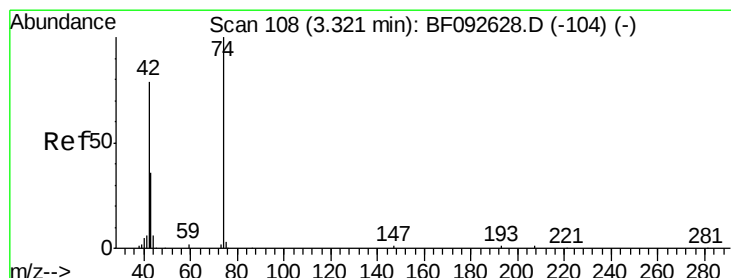
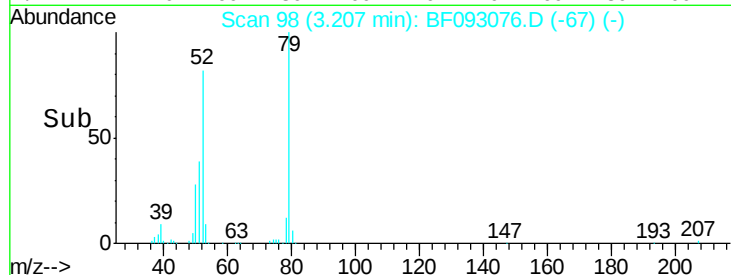
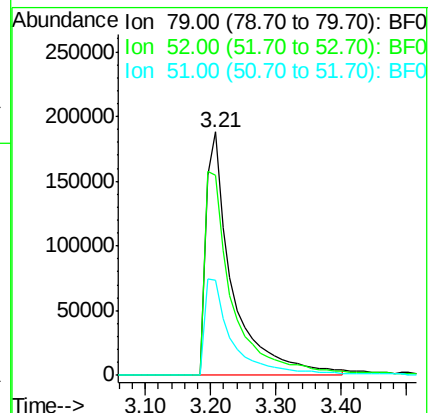
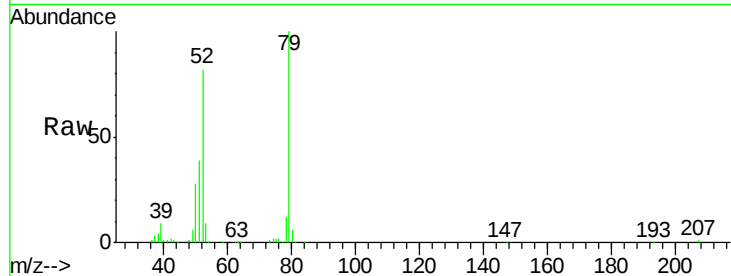
Tgt Ion: 79 Resp: 527113

Ion Ratio Lower Upper

79 100

52 82.1 57.1 85.7

51 38.9 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 40.30 ng

RT: 3.16 min Scan# 94

Delta R.T. 0.06 min

Lab File: BF093076.D

Acq: 22 Feb 2017 15:39

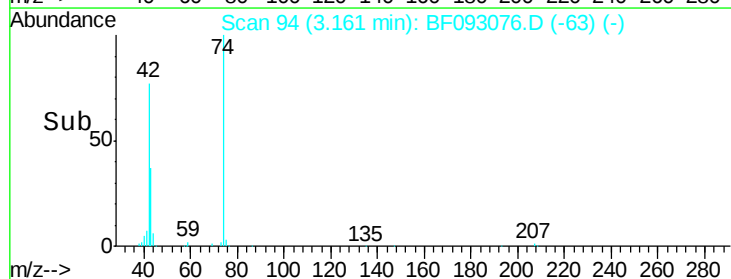
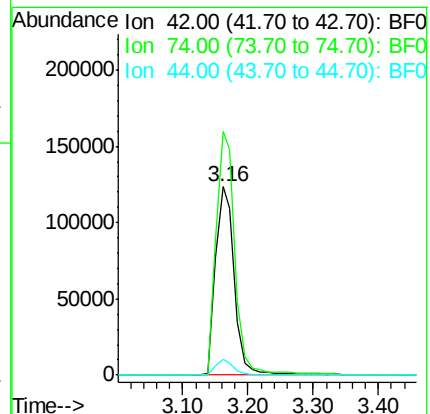
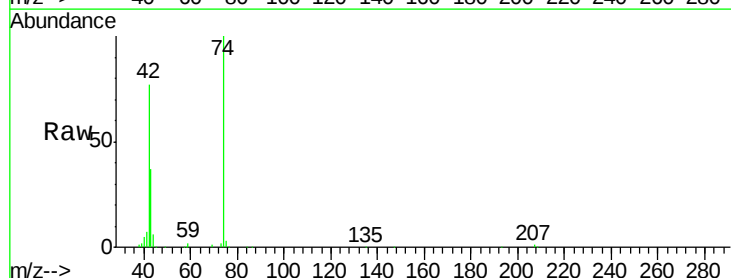
Tgt Ion: 42 Resp: 254755

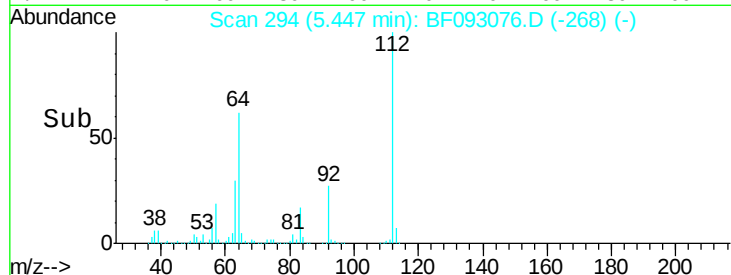
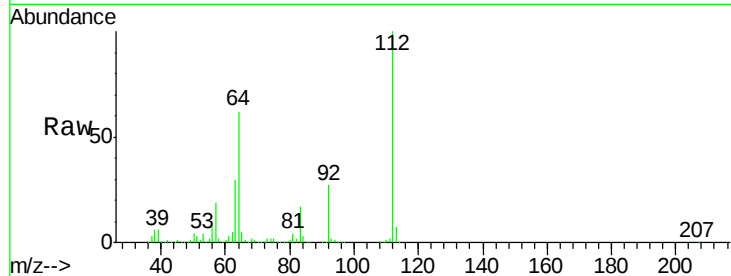
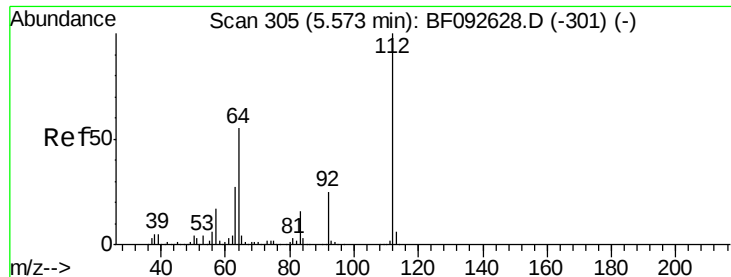
Ion Ratio Lower Upper

42 100

74 129.4 117.0 175.4

44 8.1 5.5 8.3





#5

2-Fluorophenol

Concen: 121.63 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.00 min

Lab File: BF093076.D

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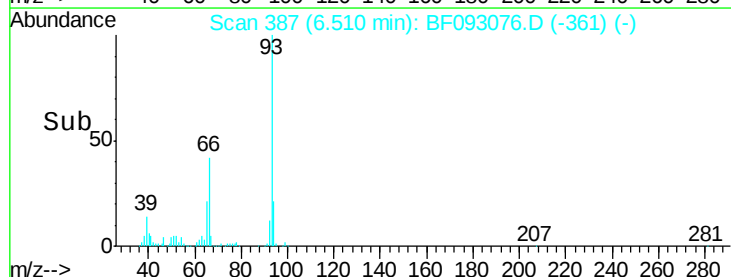
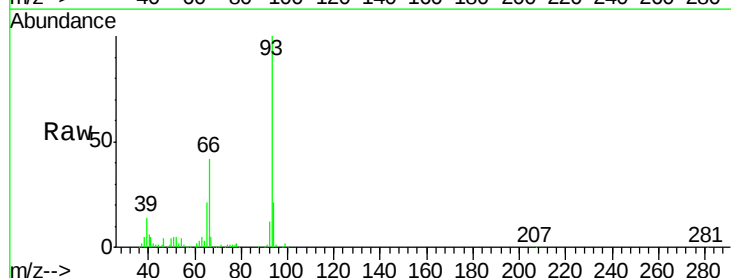
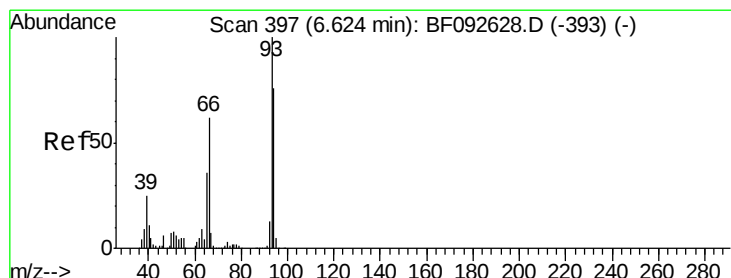
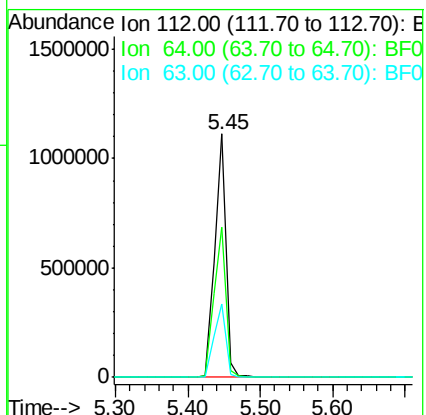
Tgt Ion: 112 Resp: 1191841

Ion Ratio Lower Upper

112 100

64 61.9 46.1 69.1

63 30.3 23.8 35.6



#6

Aniline

Concen: 16.81 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF093076.D

Acq: 22 Feb 2017 15:39

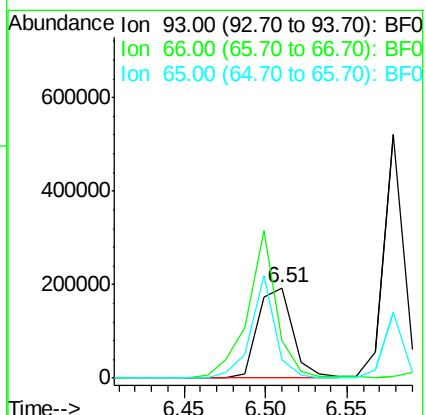
Tgt Ion: 93 Resp: 289049

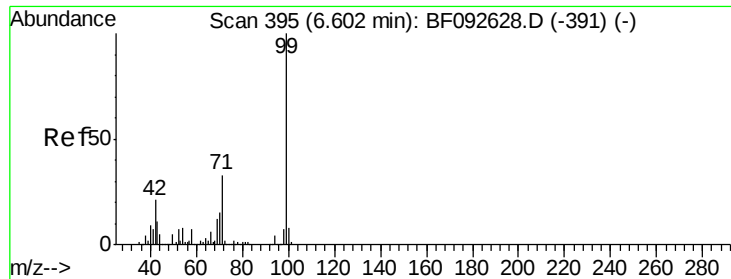
Ion Ratio Lower Upper

93 100

66 41.5 76.2 114.2#

65 20.6 49.3 73.9#





#7

Phenol-d6

Concen: 114.39 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF093076.D

Acq: 22 Feb 2017 15:39

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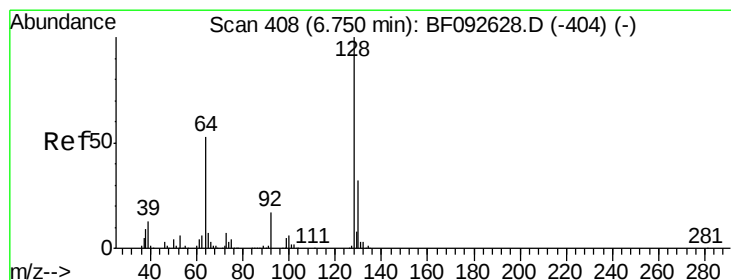
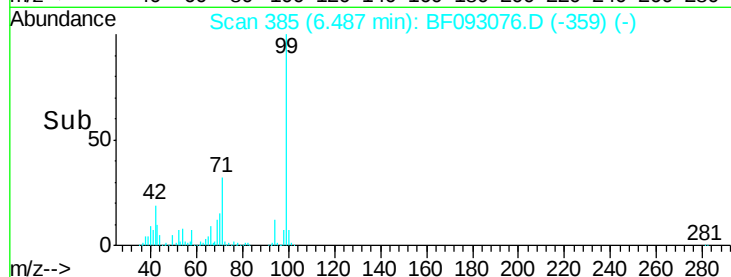
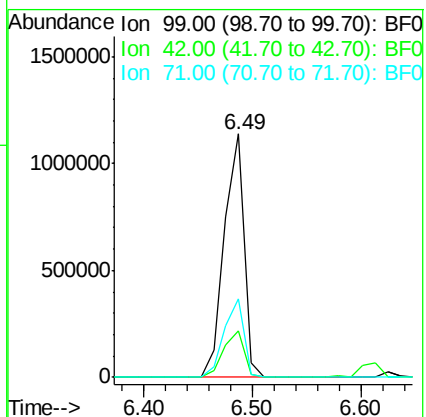
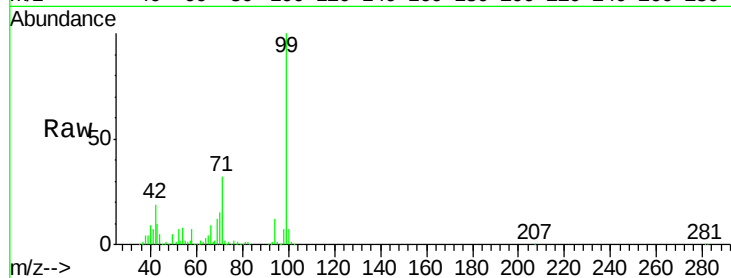
Tgt Ion: 99 Resp: 1442263

Ion Ratio Lower Upper

99 100

42 19.1 15.6 23.4

71 32.4 27.5 41.3



#8

2-Chlorophenol

Concen: 39.53 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF093076.D

Acq: 22 Feb 2017 15:39

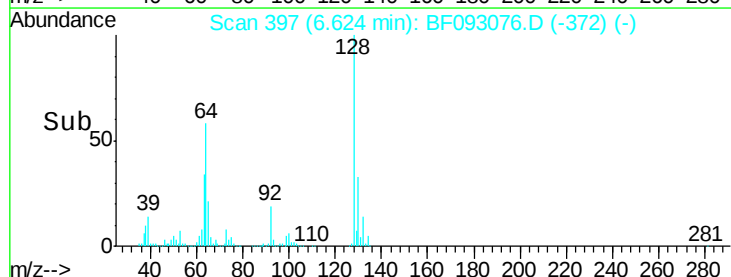
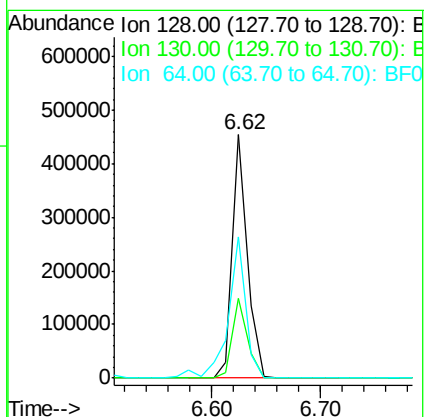
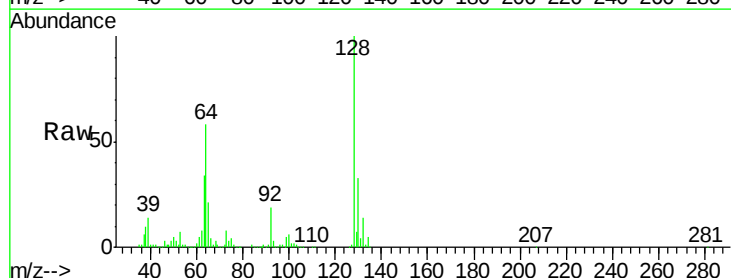
Tgt Ion: 128 Resp: 427317

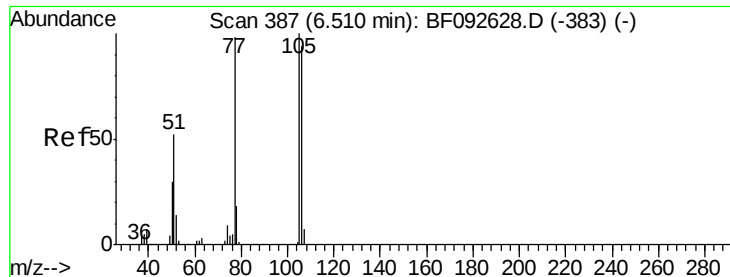
Ion Ratio Lower Upper

128 100

130 32.6 12.3 52.3

64 58.0 32.2 72.2





#9

Benzaldehyde

Concen: 7.31 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

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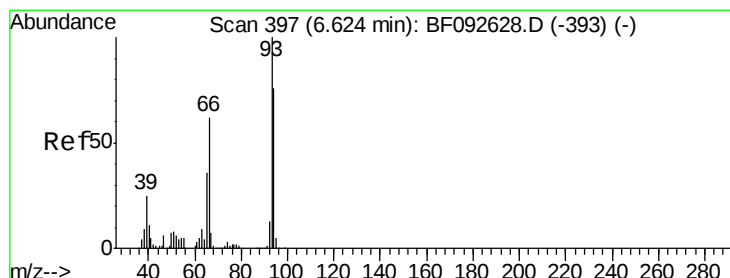
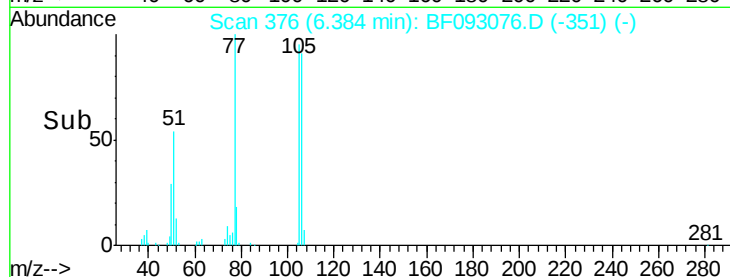
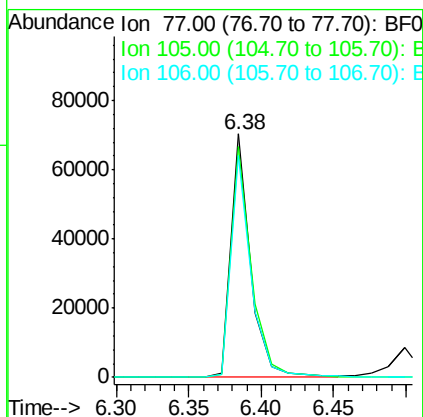
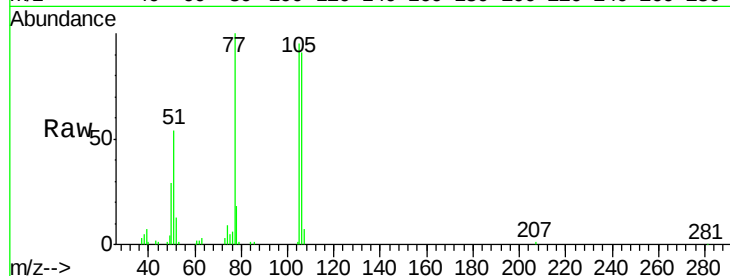
Tgt Ion: 77 Resp: 66047

Ion Ratio Lower Upper

77 100

105 94.7 83.9 123.9

106 91.1 77.6 117.6



#10

Phenol

Concen: 41.49 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF093076.D

Acq: 22 Feb 2017 15:39

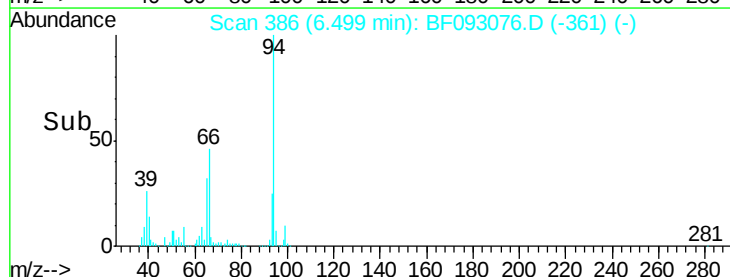
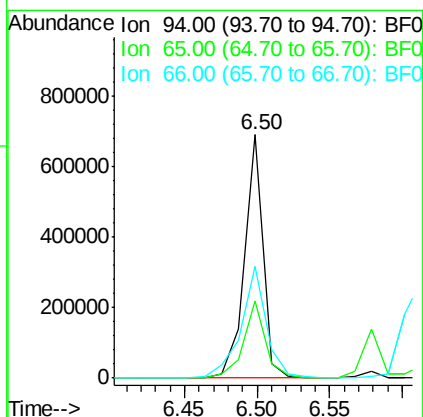
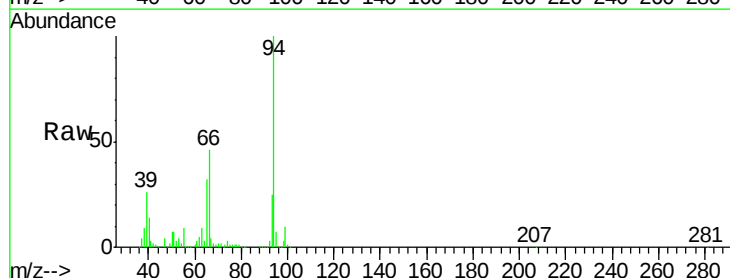
Tgt Ion: 94 Resp: 611998

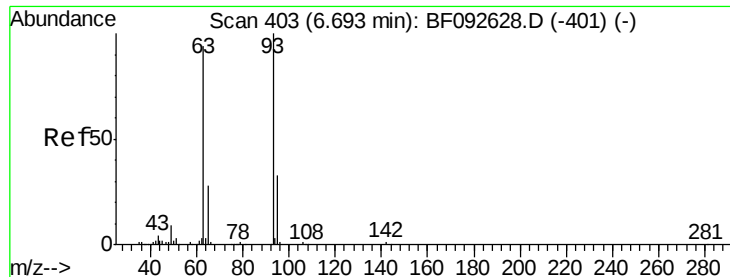
Ion Ratio Lower Upper

94 100

65 31.9 21.4 61.4

66 45.8 44.0 84.0

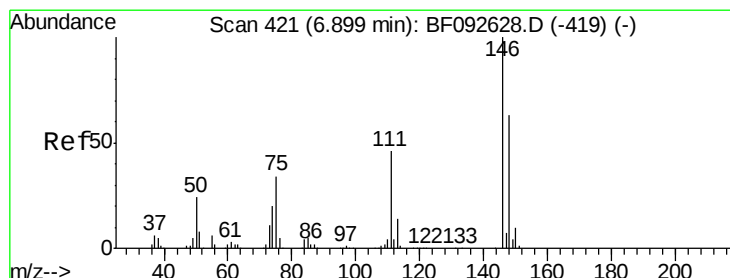
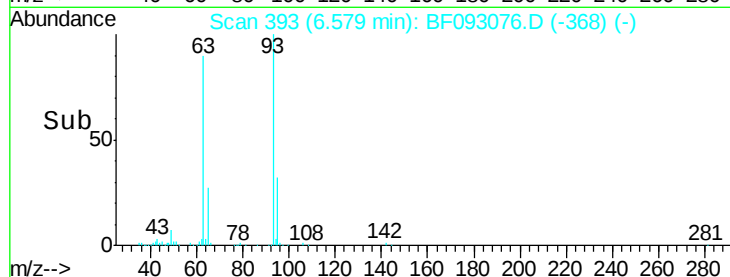
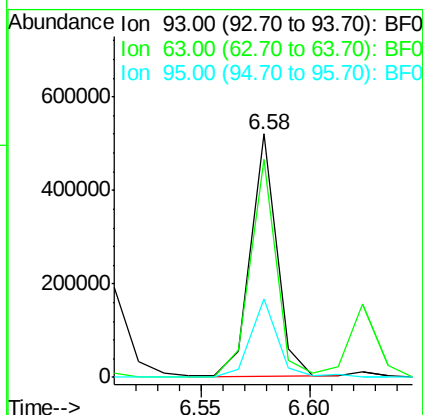
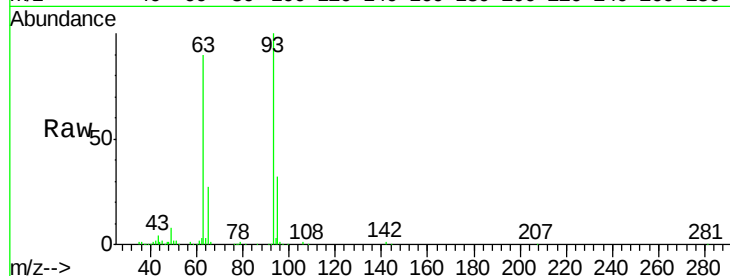




#11
bis(2-Chloroethyl)ether
Concen: 36.93 ng
RT: 6.58 min Scan# 393
Delta R.T. -0.01 min
Lab File: BF093076.D
Acq: 22 Feb 2017 15:39

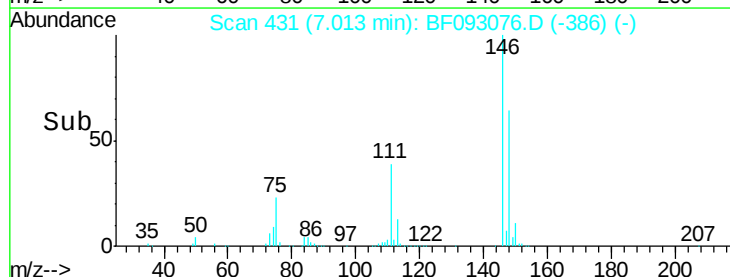
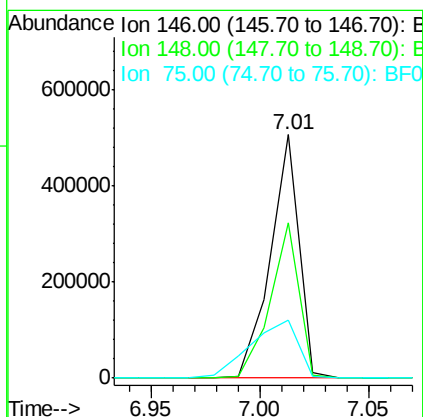
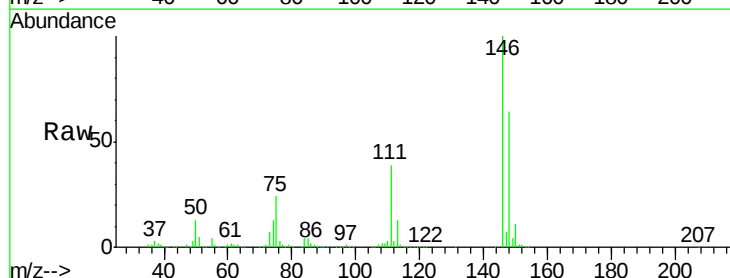
Instrument :
BNA_F
ClientSampleId :
PB97102BS

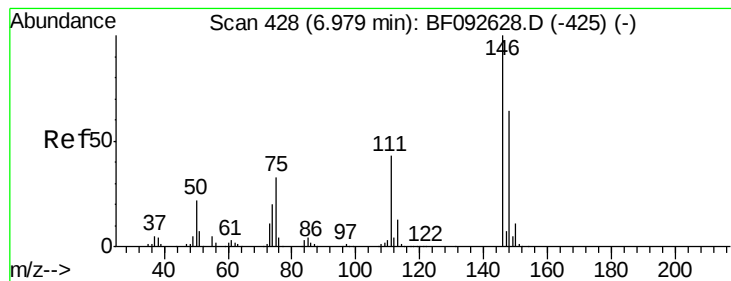
Tgt Ion: 93 Resp: 434846
Ion Ratio Lower Upper
93 100
63 89.6 60.4 100.4
95 32.5 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 36.95 ng
RT: 7.01 min Scan# 431
Delta R.T. 0.22 min
Lab File: BF093076.D
Acq: 22 Feb 2017 15:39

Tgt Ion: 146 Resp: 467800
Ion Ratio Lower Upper
146 100
148 63.7 53.4 80.0
75 24.0 18.5 27.7





#13

1,4-Dichlorobenzene

Concen: 38.79 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.02 min

Lab File: BF093076.D

Acq: 22 Feb 2017 15:39

Instrument :

BNA_F

ClientSampleId :

PB97102BS

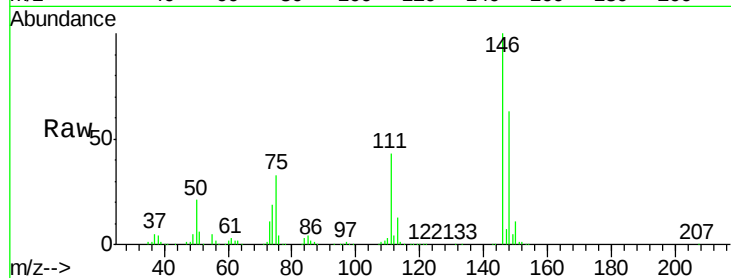
Tgt Ion:146 Resp: 497153

Ion Ratio Lower Upper

146 100

148 62.9 50.6 76.0

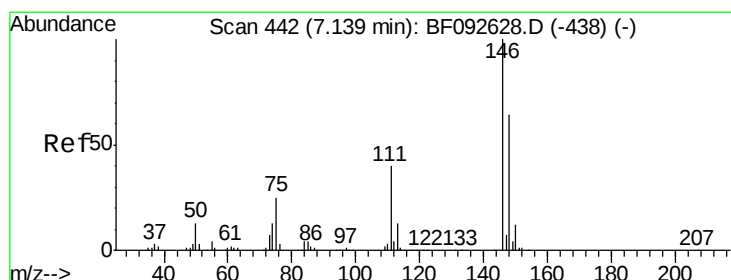
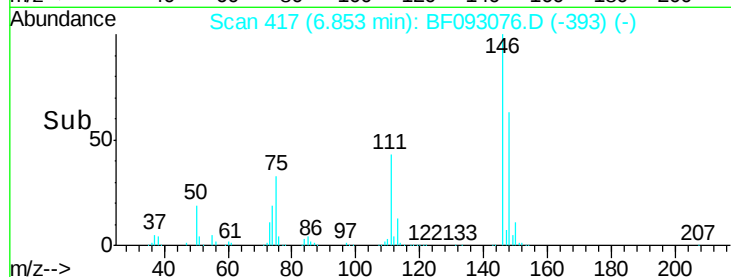
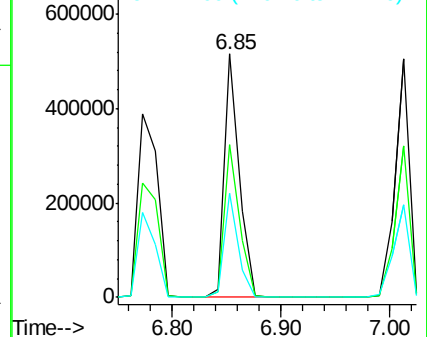
111 42.6 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.26 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.01 min

Lab File: BF093076.D

Acq: 22 Feb 2017 15:39

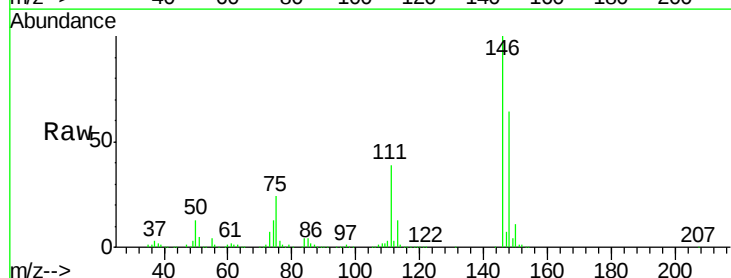
Tgt Ion:146 Resp: 468798

Ion Ratio Lower Upper

146 100

148 63.7 52.2 78.2

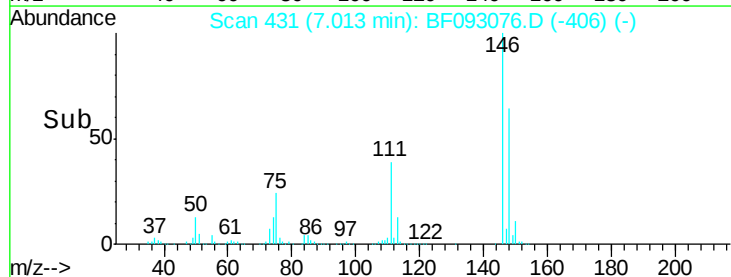
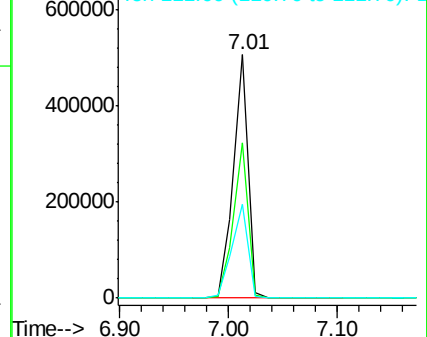
111 38.8 36.2 54.2

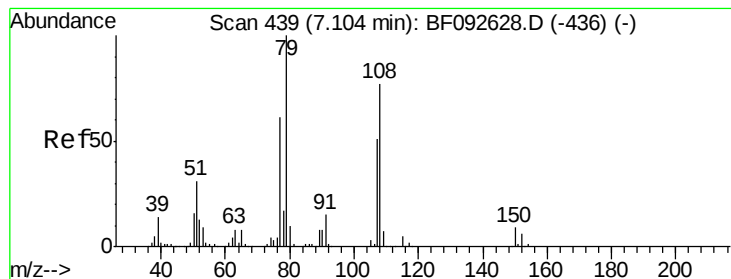


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.77 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF093076.D

Acq: 22 Feb 2017 15:39

Instrument :

BNA_F

ClientSampleId :

PB97102BS

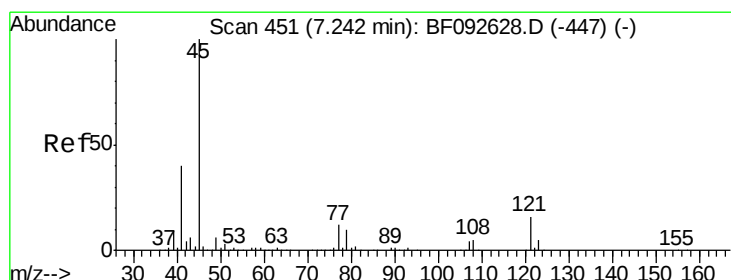
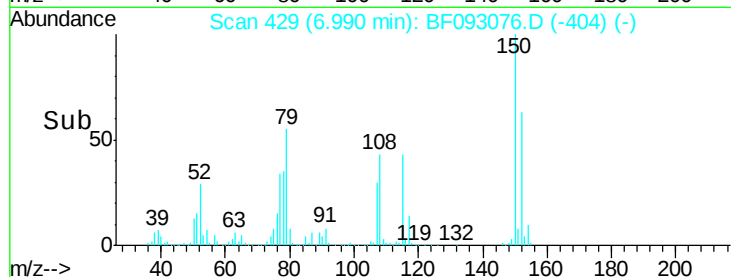
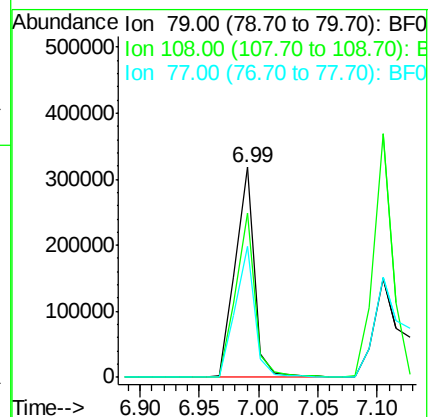
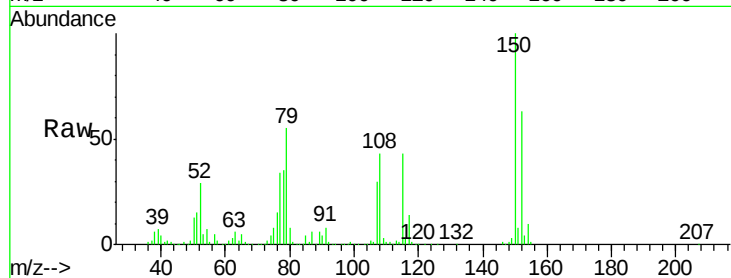
Tgt Ion: 79 Resp: 361885

Ion Ratio Lower Upper

79 100

108 78.3 61.4 92.0

77 62.2 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.18 ng

RT: 7.13 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF093076.D

Acq: 22 Feb 2017 15:39

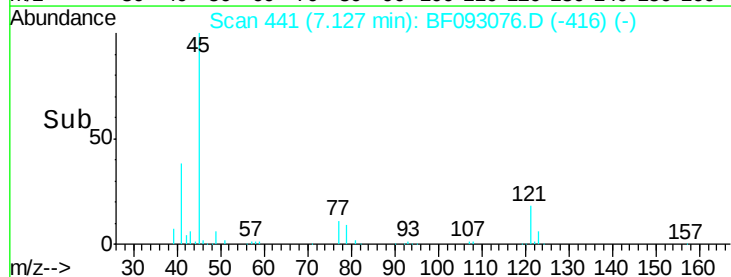
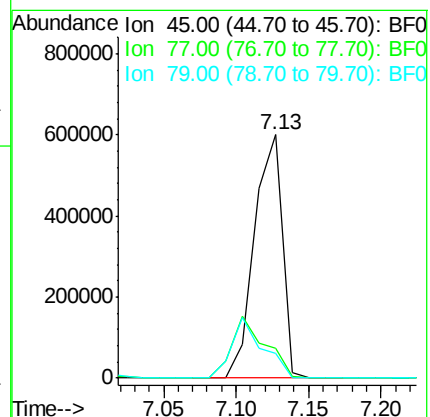
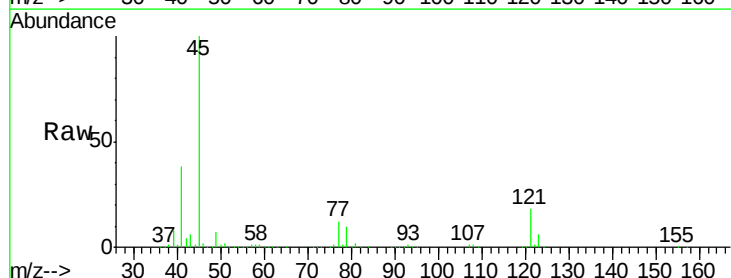
Tgt Ion: 45 Resp: 801462

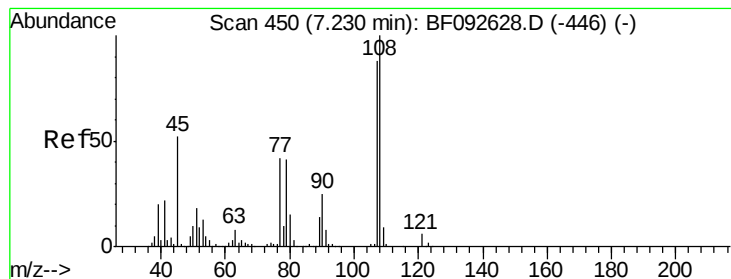
Ion Ratio Lower Upper

45 100

77 12.3 0.0 34.6

79 10.1 0.0 31.2





#17

2-Methylphenol

Concen: 39.17 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF093076.D

Acq: 22 Feb 2017 15:39

Instrument :

BNA_F

ClientSampleId :

PB97102BS

Tgt Ion:107 Resp: 363258

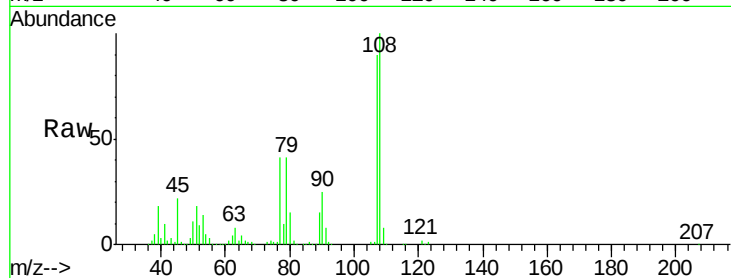
Ion Ratio Lower Upper

107 100

108 111.3 93.0 139.6

77 46.0 39.8 59.8

79 45.3 38.0 57.0



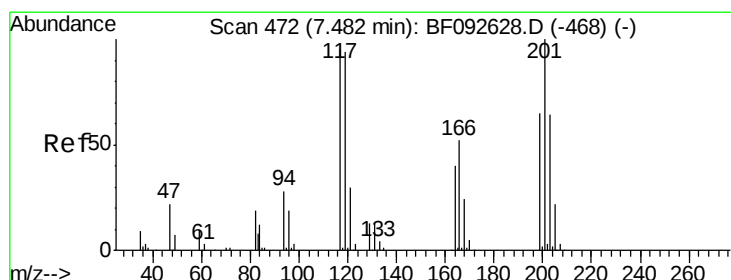
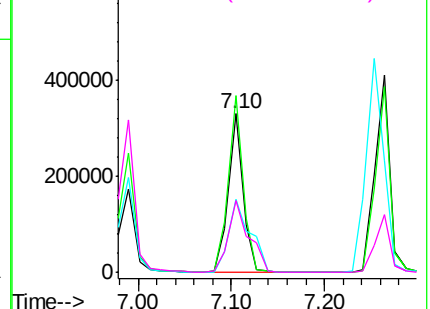
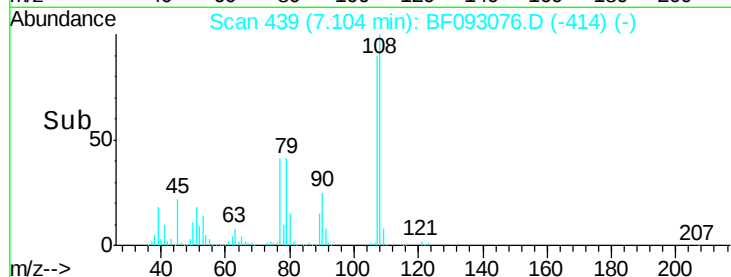
Abundance

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



#18

Hexachloroethane

Concen: 37.78 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.02 min

Lab File: BF093076.D

Acq: 22 Feb 2017 15:39

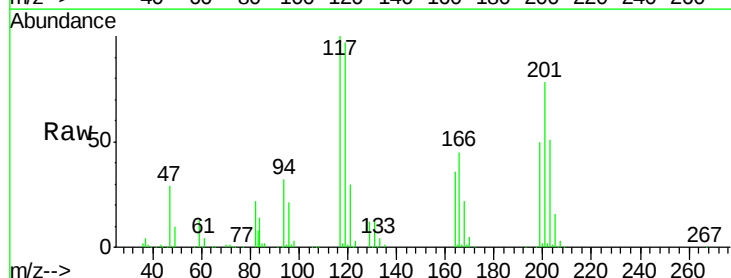
Tgt Ion:117 Resp: 165296

Ion Ratio Lower Upper

117 100

119 96.7 78.1 117.1

201 78.2 78.6 117.8#

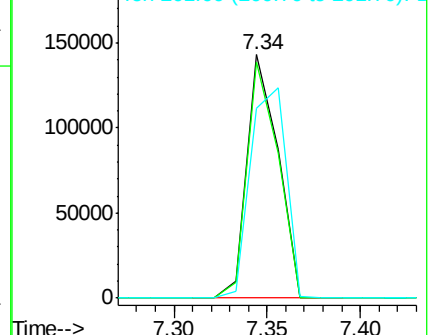
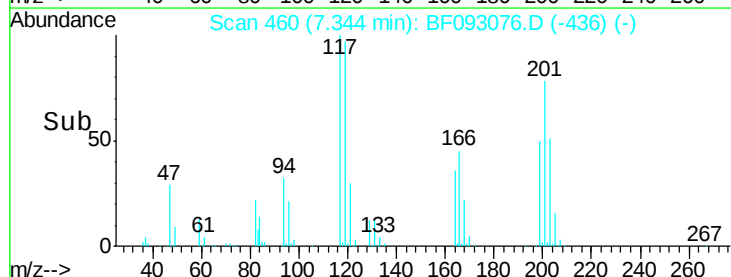


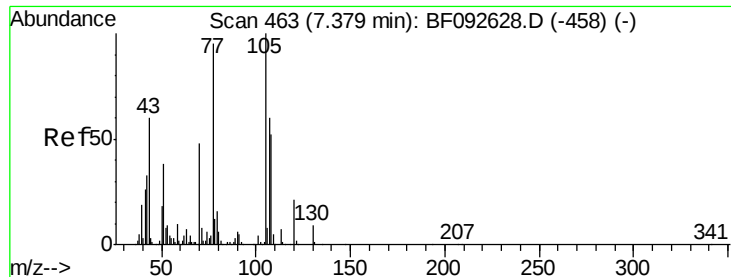
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

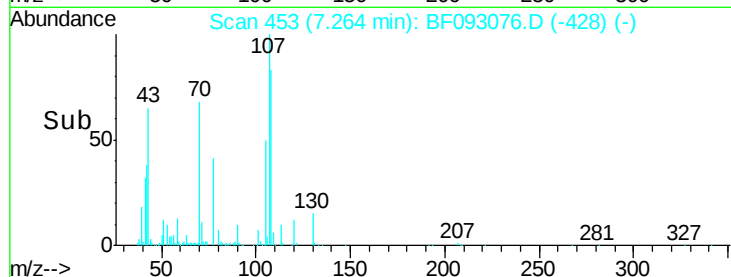
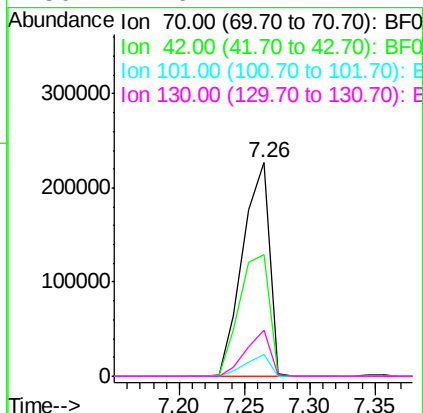
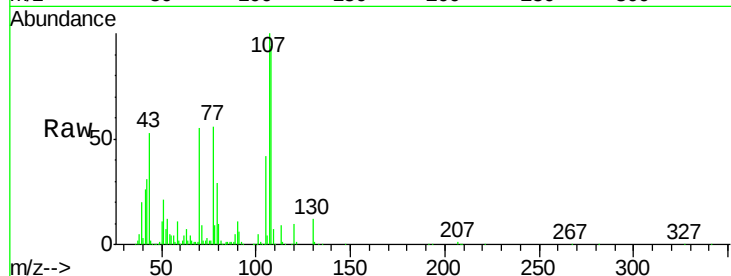




#19
n-Nitroso-di-n-propylamine
Concen: 40.50 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093076.D
Acq: 22 Feb 2017 15:39

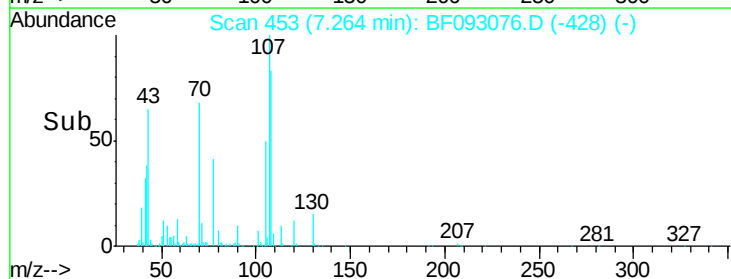
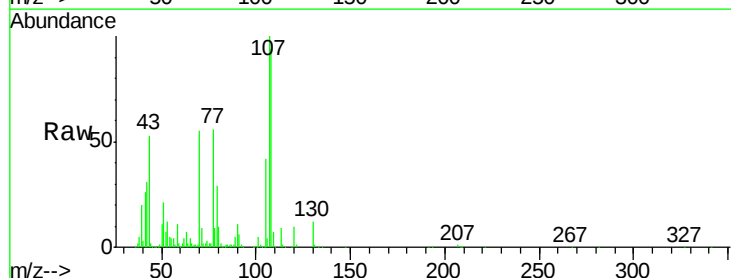
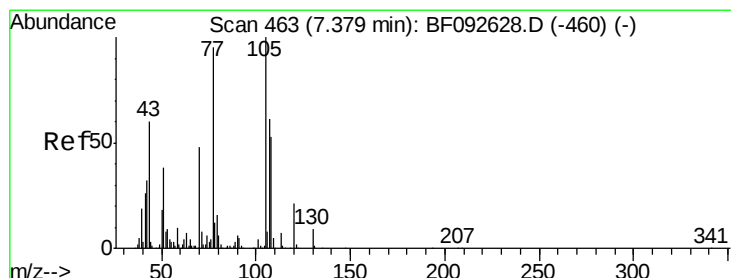
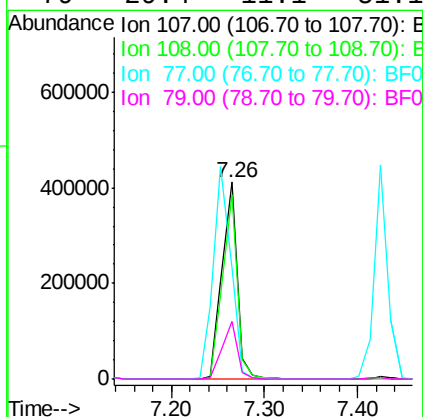
Instrument :
BNA_F
ClientSampleId :
PB97102BS

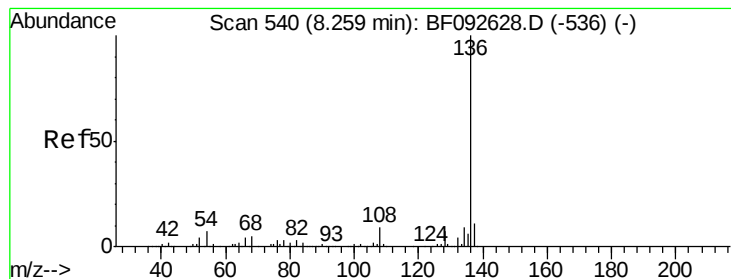
Tgt Ion: 70 Resp: 325057
Ion Ratio Lower Upper
70 100
42 56.9 49.4 74.0
101 9.9 7.4 11.2
130 21.6 14.2 21.4#



#20
3+4-Methylphenols
Concen: 41.75 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093076.D
Acq: 22 Feb 2017 15:39

Tgt Ion: 107 Resp: 462944
Ion Ratio Lower Upper
107 100
108 94.0 73.0 113.0
77 56.4 71.3 111.3#
79 29.4 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.02 min

Lab File: BF093076.D

Acq: 22 Feb 2017 15:39

Instrument :

BNA_F

ClientSampleId :

PB97102BS

Tgt Ion:136 Resp: 636696

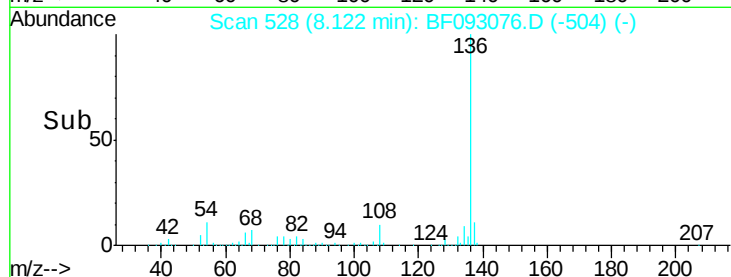
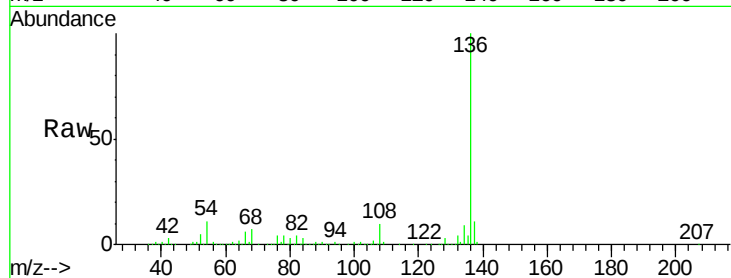
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 10.9 4.5 6.7#

68 7.3 3.6 5.4#

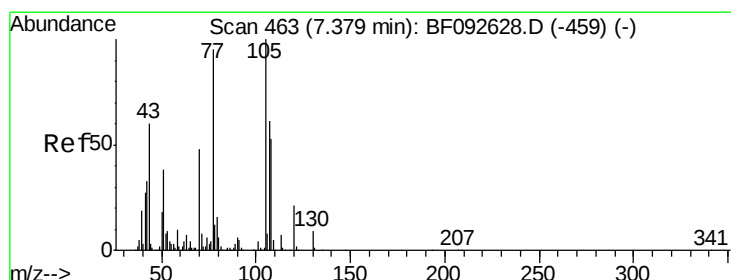
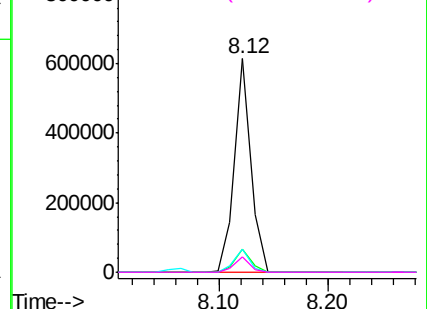


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.65 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.01 min

Lab File: BF093076.D

Acq: 22 Feb 2017 15:39

Tgt Ion:105 Resp: 590880

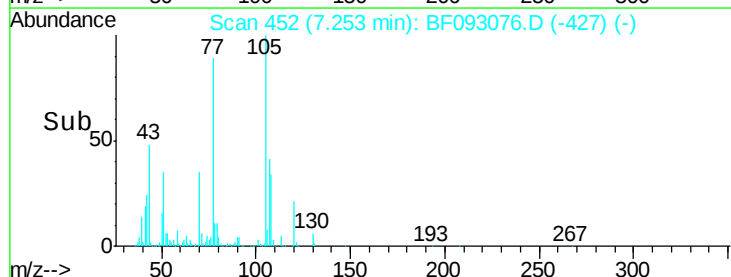
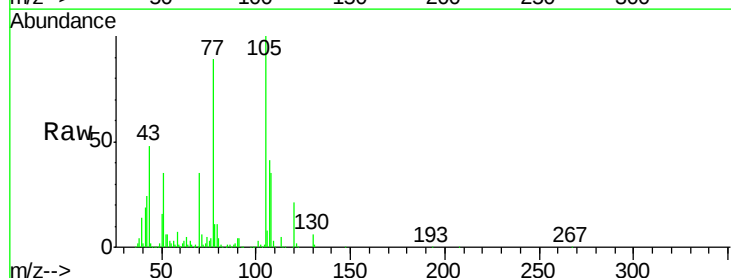
Ion Ratio Lower Upper

105 100

71 5.8 3.2 4.8#

51 35.2 26.2 39.4

120 21.1 16.6 24.8

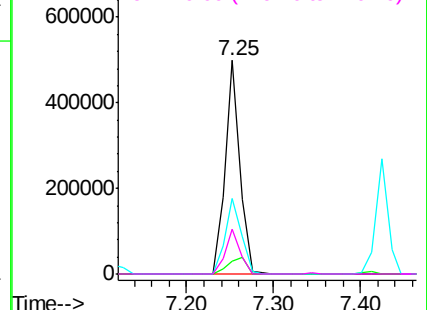


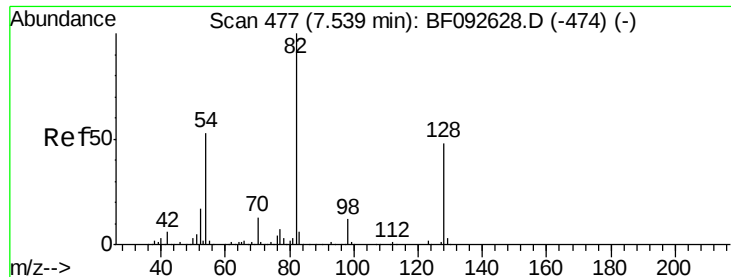
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

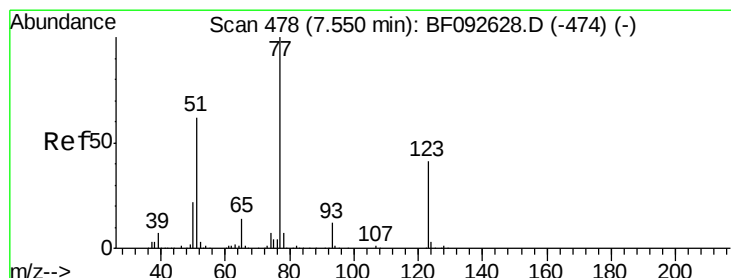
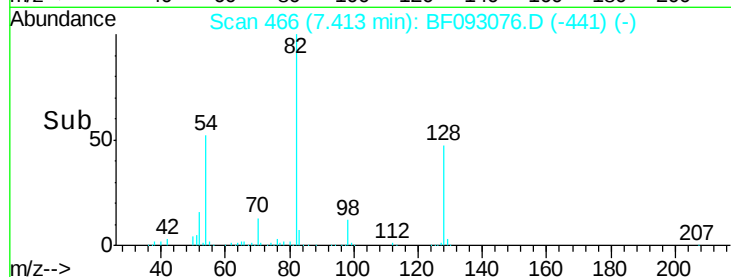
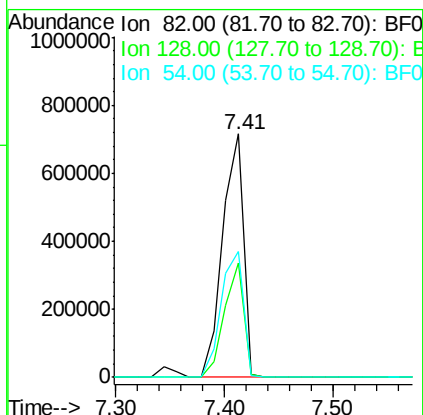
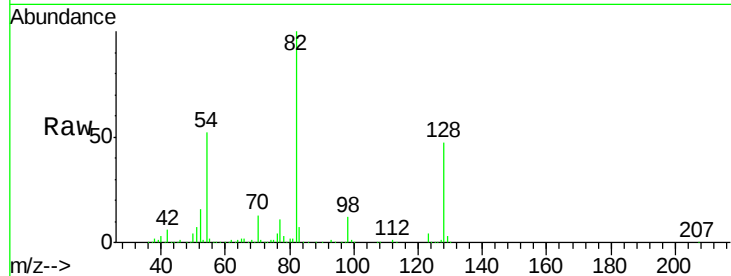




#23
 Nitrobenzene-d5
 Concen: 83.22 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF093076.D
 Acq: 22 Feb 2017 15:39

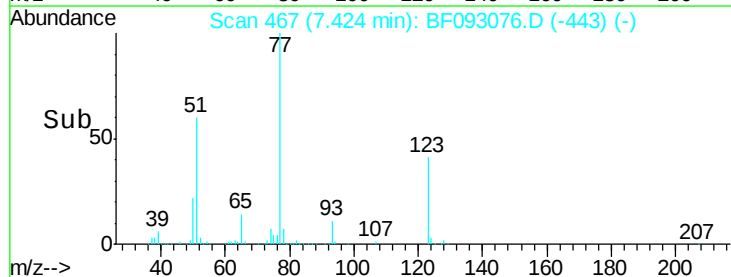
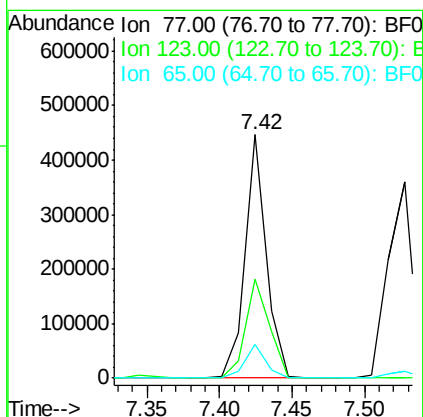
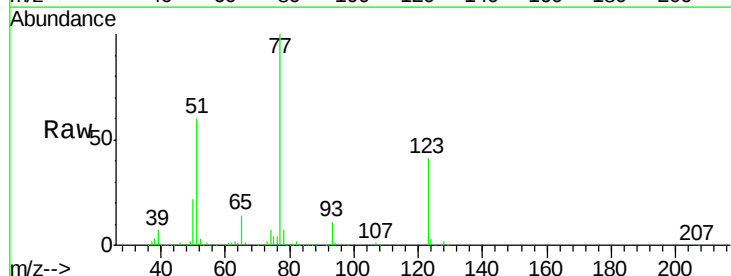
Instrument :
 BNA_F
 ClientSampleId :
 PB97102BS

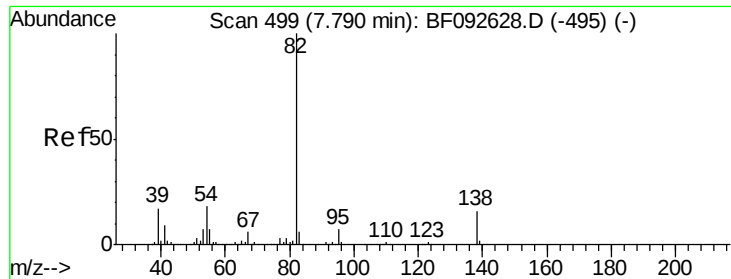
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.9	34.6	52.0
54	52.0	39.5	59.3



#24
 Nitrobenzene
 Concen: 38.46 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.02 min
 Lab File: BF093076.D
 Acq: 22 Feb 2017 15:39

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.9	33.0	49.4
65	13.9	11.2	16.8





#25

Isophorone

Concen: 41.43 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.02 min

Lab File: BF093076.D

Acq: 22 Feb 2017 15:39

Instrument :

BNA_F

ClientSampleId :

PB97102BS

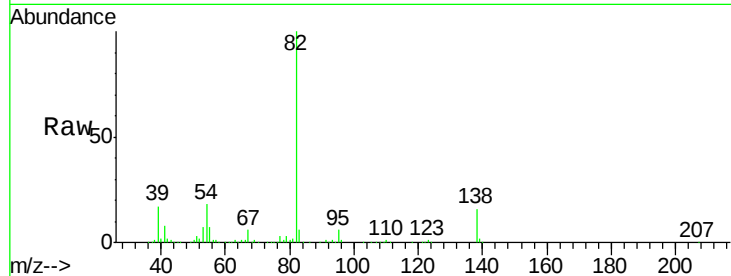
Tgt Ion: 82 Resp: 882783

Ion Ratio Lower Upper

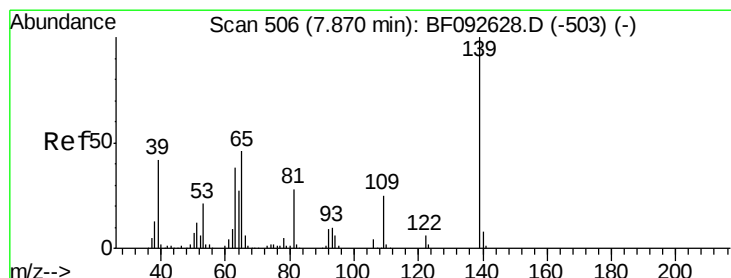
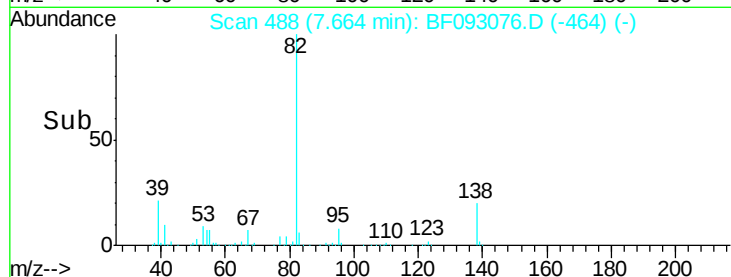
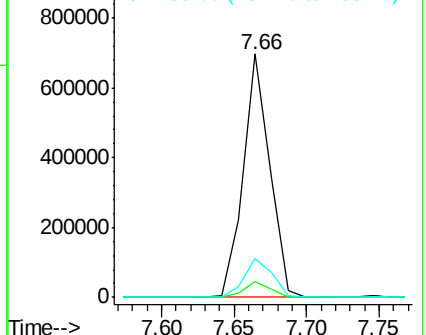
82 100

95 6.5 5.6 8.4

138 15.9 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 46.17 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF093076.D

Acq: 22 Feb 2017 15:39

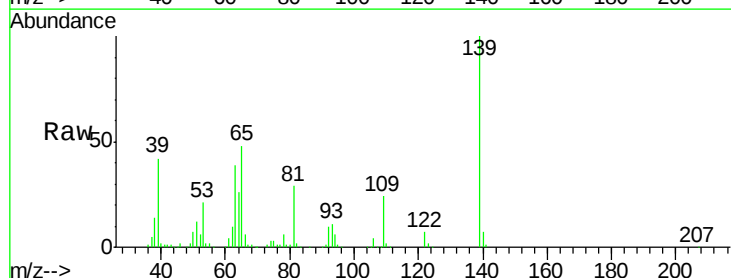
Tgt Ion: 139 Resp: 257680

Ion Ratio Lower Upper

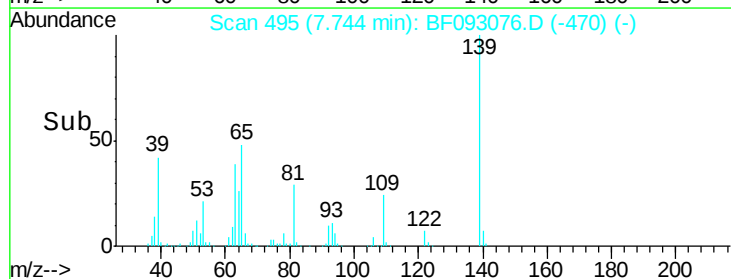
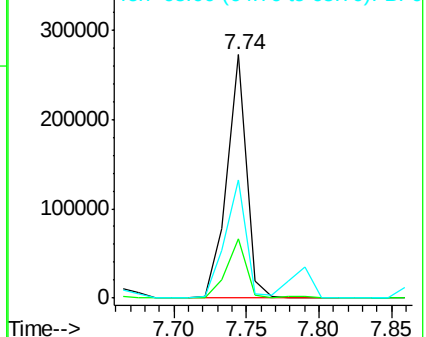
139 100

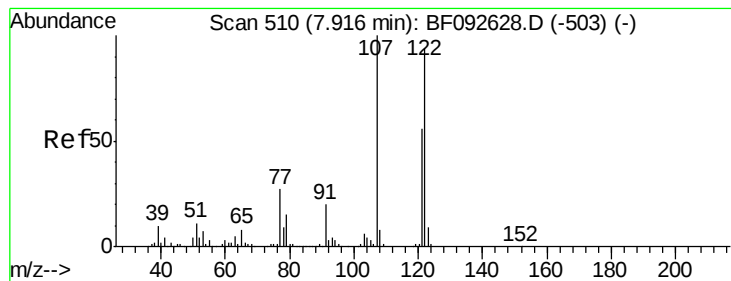
109 24.5 23.3 34.9

65 48.4 42.7 64.1



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 45.00 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF093076.D

Acq: 22 Feb 2017 15:39

Instrument :

BNA_F

ClientSampleId :

PB97102BS

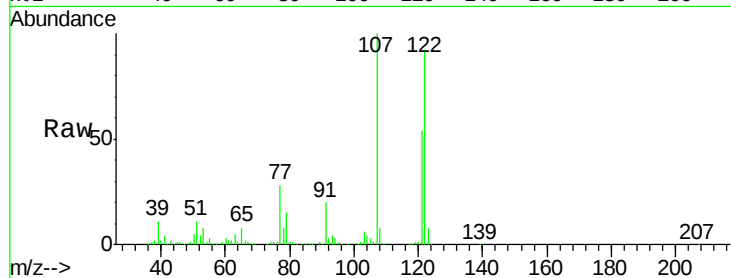
Tgt Ion:122 Resp: 440995

Ion Ratio Lower Upper

122 100

107 109.0 94.1 141.1

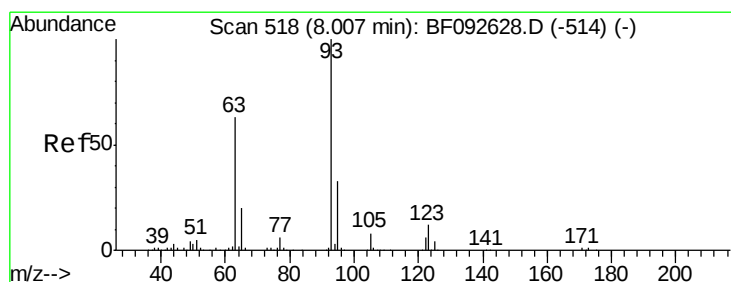
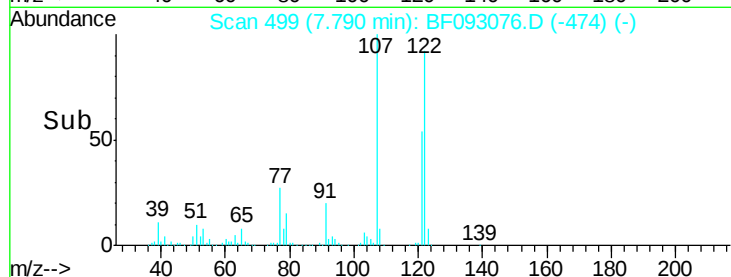
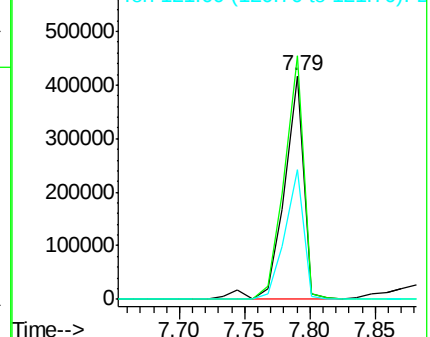
121 58.3 46.0 69.0



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: 41.91 ng

RT: 7.88 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF093076.D

Acq: 22 Feb 2017 15:39

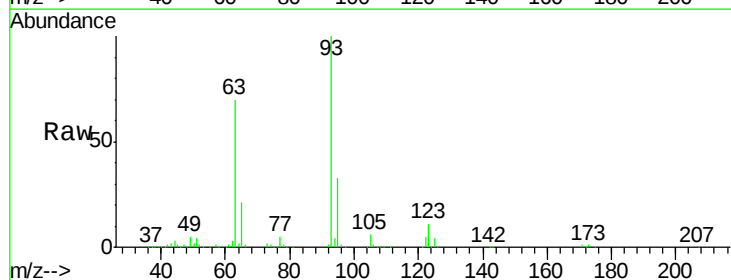
Tgt Ion: 93 Resp: 591363

Ion Ratio Lower Upper

93 100

95 33.3 26.5 39.7

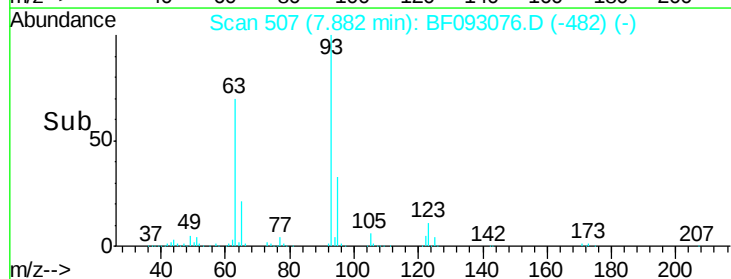
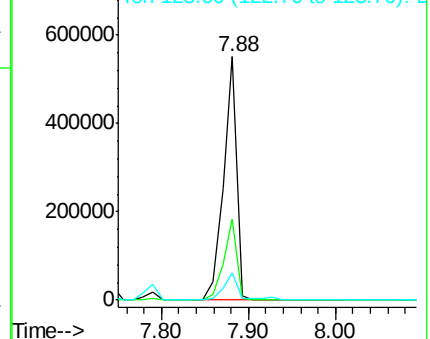
123 11.2 8.6 13.0

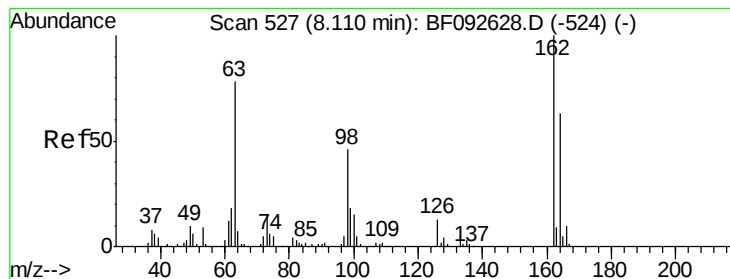


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.21 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.02 min

Lab File: BF093076.D

Acq: 22 Feb 2017 15:39

Instrument :

BNA_F

ClientSampleId :

PB97102BS

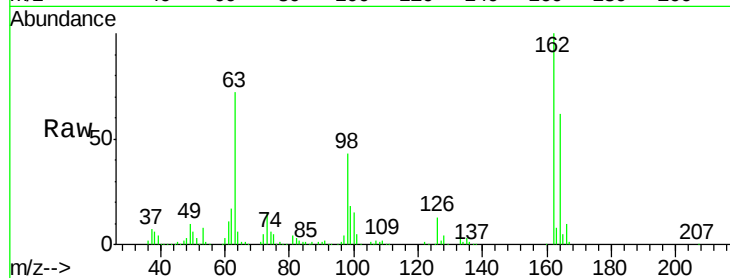
Tgt Ion:162 Resp: 367542

Ion Ratio Lower Upper

162 100

164 62.5 46.8 86.8

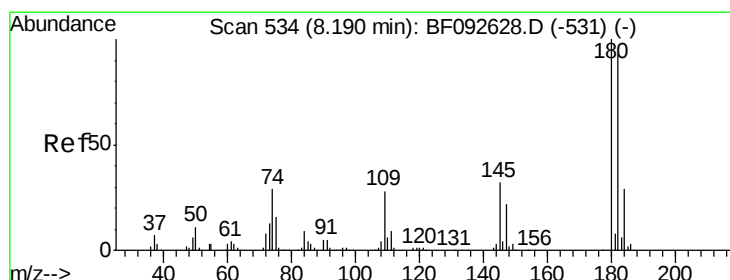
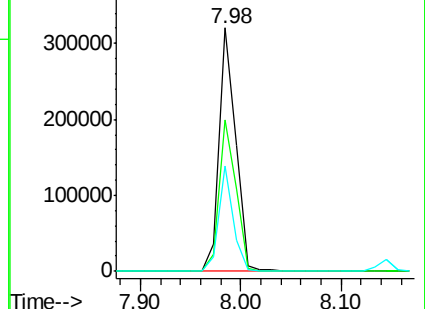
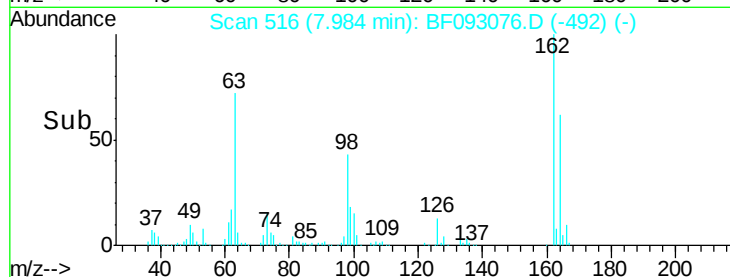
98 43.5 9.1 49.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BFO



#30

1,2,4-Trichlorobenzene

Concen: 39.28 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.02 min

Lab File: BF093076.D

Acq: 22 Feb 2017 15:39

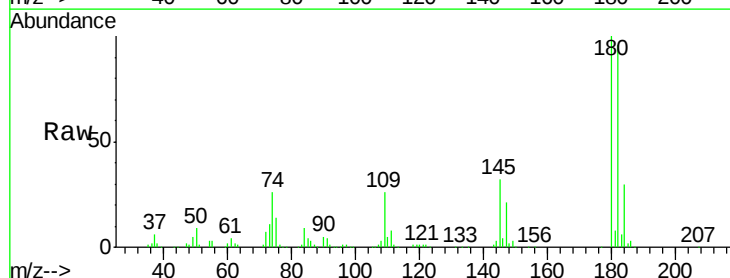
Tgt Ion:180 Resp: 386903

Ion Ratio Lower Upper

180 100

182 95.5 78.2 117.4

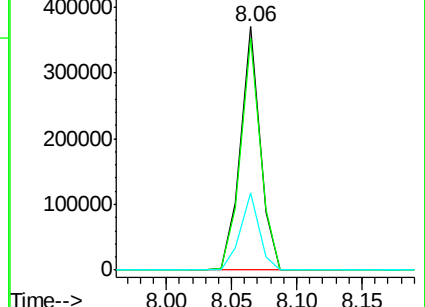
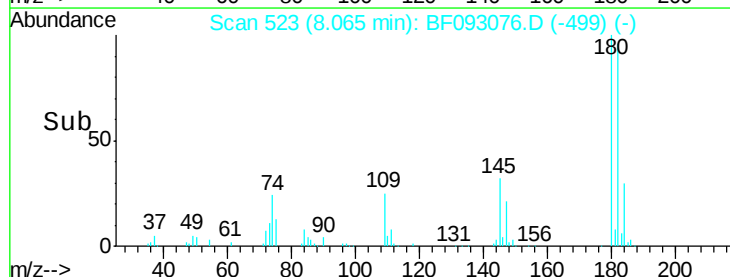
145 31.6 21.6 32.4

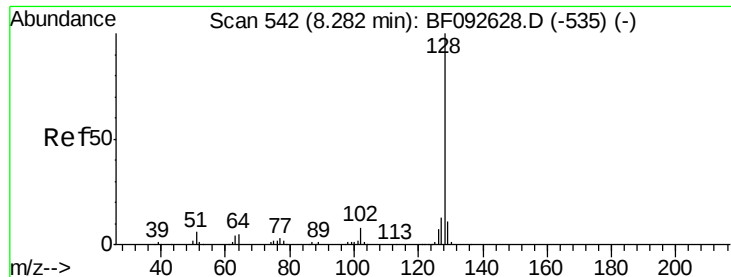


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

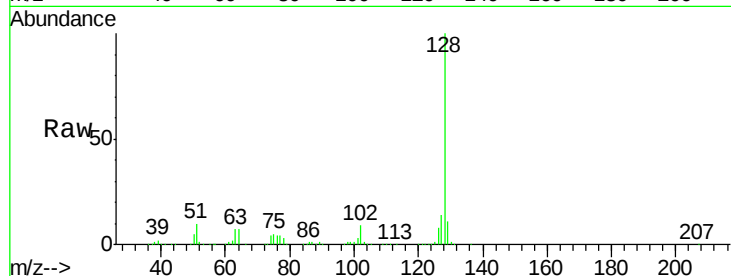




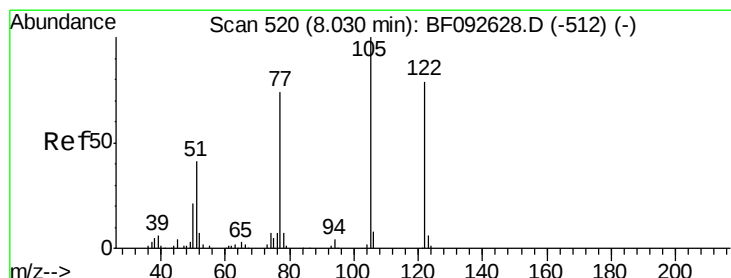
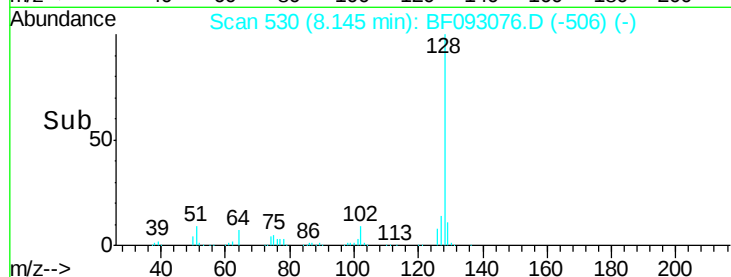
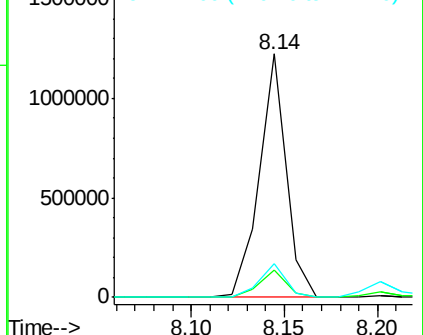
#31
Naphthalene
Concen: 37.84 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF093076.D
Acq: 22 Feb 2017 15:39

Instrument :
BNA_F
ClientSampleId :
PB97102BS

Tgt Ion:128 Resp: 1221250
Ion Ratio Lower Upper
128 100
129 11.4 9.5 14.3
127 14.0 10.8 16.2

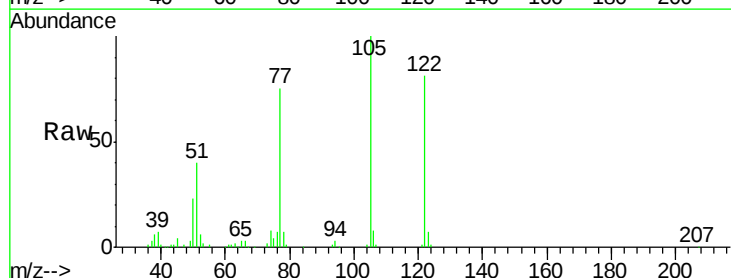


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

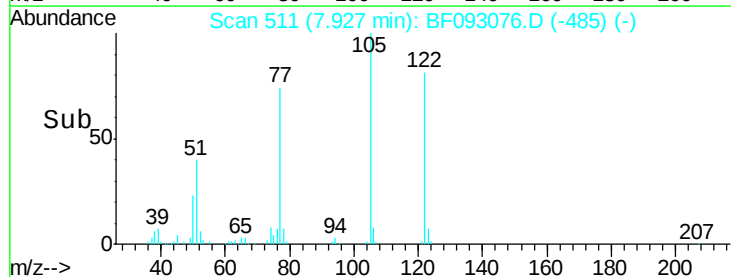
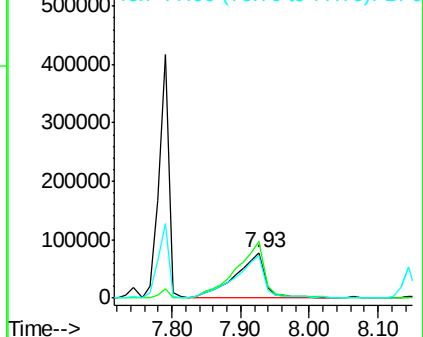


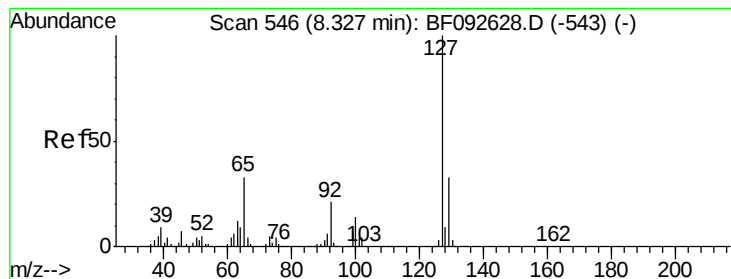
#32
Benzoic acid
Concen: 42.01 ng
RT: 7.93 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF093076.D
Acq: 22 Feb 2017 15:39

Tgt Ion:122 Resp: 227449
Ion Ratio Lower Upper
122 100
105 123.6 107.2 147.2
77 92.6 74.5 114.5



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: 8.88 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF093076.D

Acq: 22 Feb 2017 15:39

Instrument :

BNA_F

ClientSampleId :

PB97102BS

Tgt Ion:127 Resp: 112464

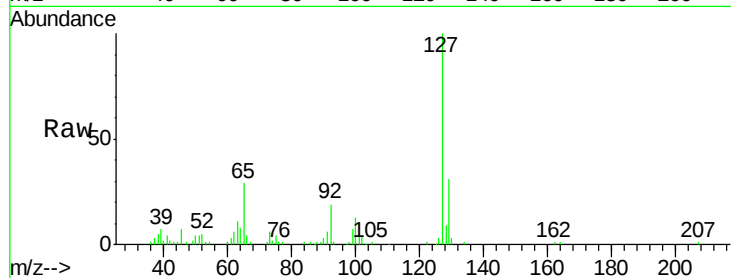
Ion Ratio Lower Upper

127 100

129 31.2 26.3 39.5

65 28.5 25.8 38.8

92 18.7 16.1 24.1

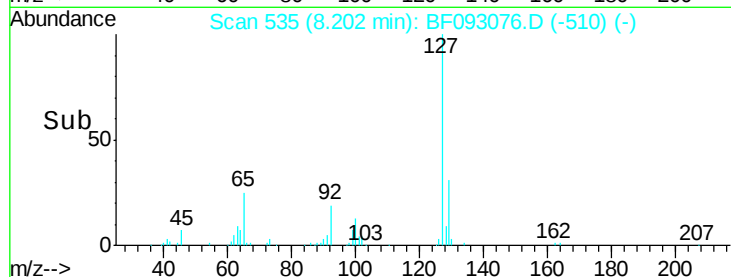


Abundance Ion 127.00 (126.70 to 127.70): E

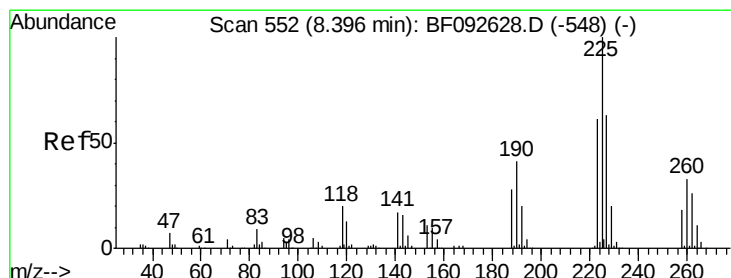
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



Time-->



#34

Hexachlorobutadiene

Concen: 36.89 ng

RT: 8.26 min Scan# 540

Delta R.T. -0.02 min

Lab File: BF093076.D

Acq: 22 Feb 2017 15:39

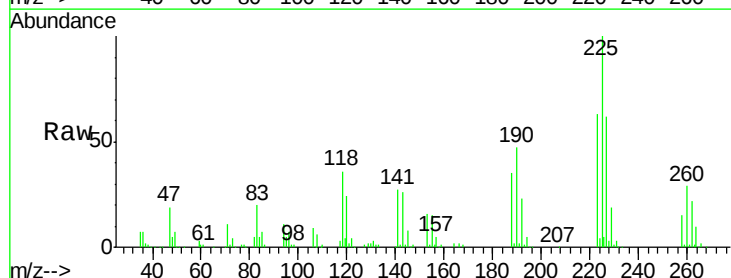
Tgt Ion:225 Resp: 199951

Ion Ratio Lower Upper

225 100

223 63.5 51.0 76.6

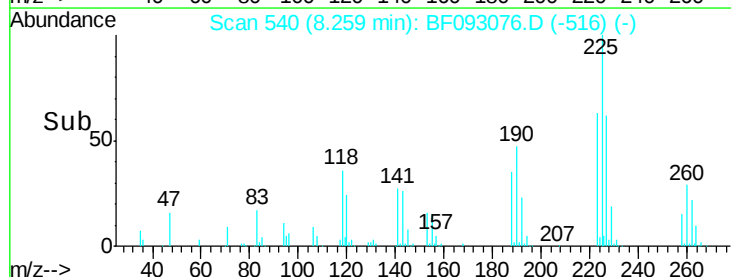
227 62.1 50.6 76.0



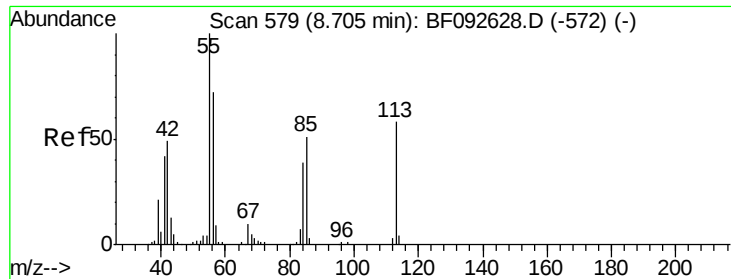
Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



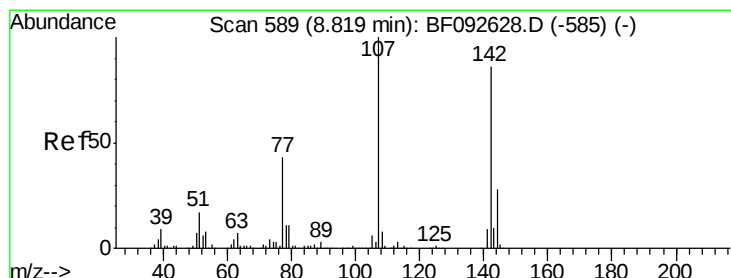
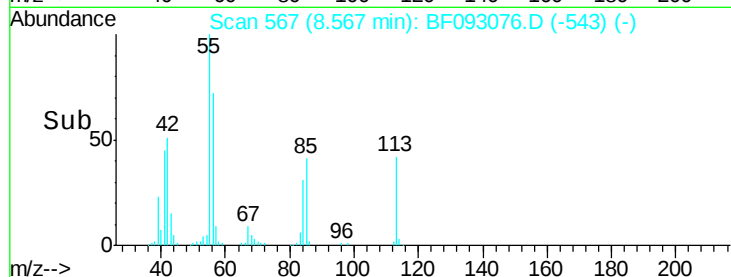
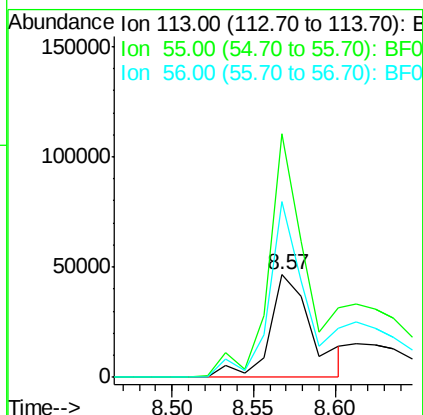
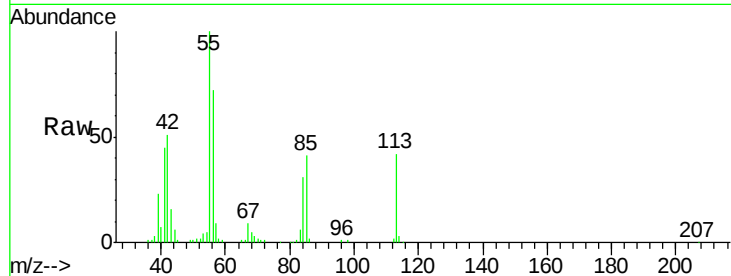
Time-->



#35
 Caprolactam
 Concen: 29.54 ng
 RT: 8.57 min Scan# 567
 Delta R.T. -0.02 min
 Lab File: BF093076.D
 Acq: 22 Feb 2017 15:39

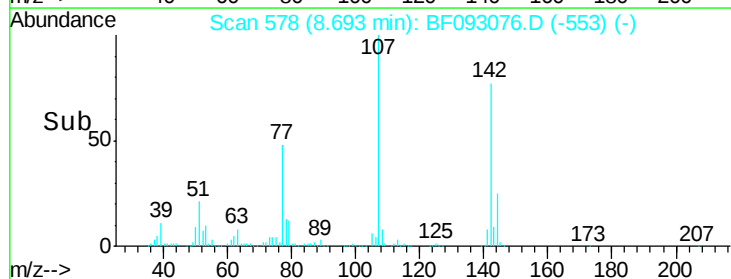
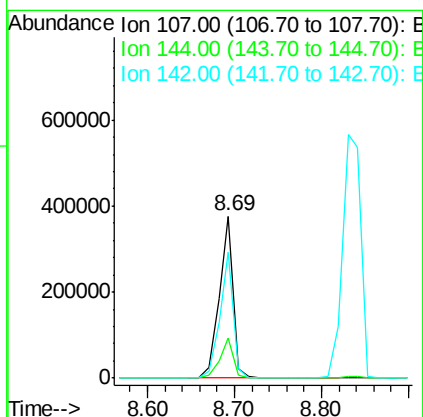
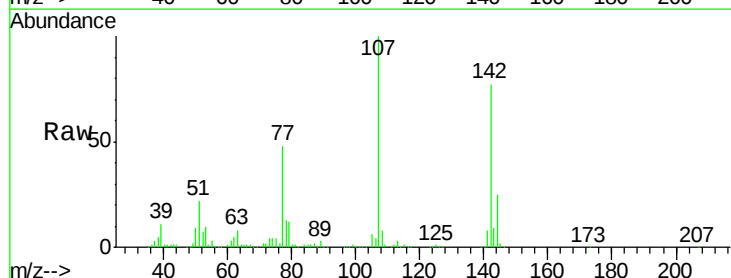
Instrument :
 BNA_F
 ClientSampleId :
 PB97102BS

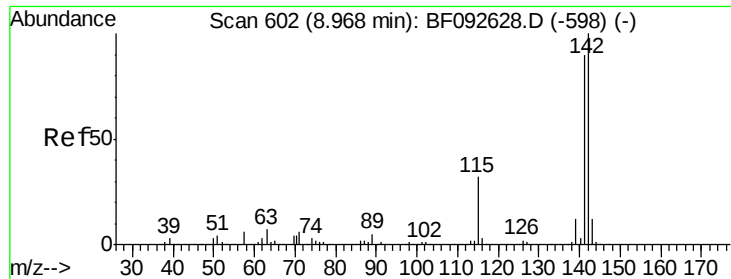
Tgt Ion:113 Resp: 84922
 Ion Ratio Lower Upper
 113 100
 55 236.9 119.2 159.2#
 56 171.6 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 44.27 ng
 RT: 8.69 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF093076.D
 Acq: 22 Feb 2017 15:39

Tgt Ion:107 Resp: 421848
 Ion Ratio Lower Upper
 107 100
 144 25.1 19.3 28.9
 142 77.4 59.0 88.6

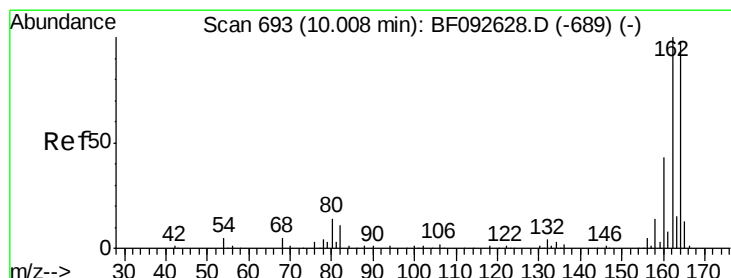
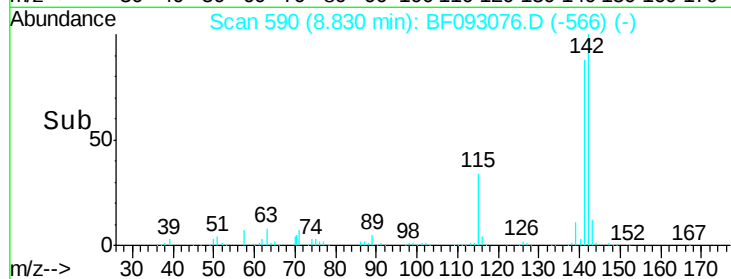
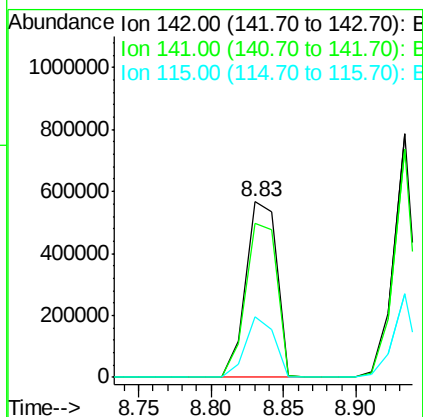
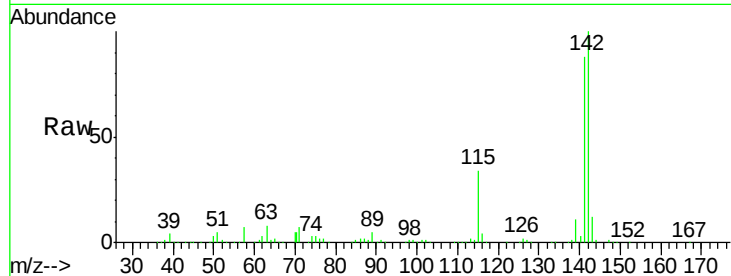




#37
2-Methylnaphthalene
Concen: 40.74 ng
RT: 8.83 min Scan# 590
Delta R.T. -0.02 min
Lab File: BF093076.D
Acq: 22 Feb 2017 15:39

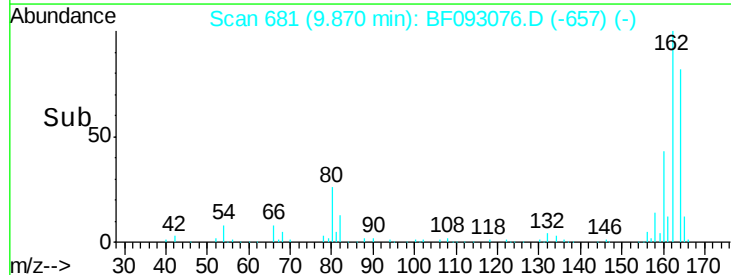
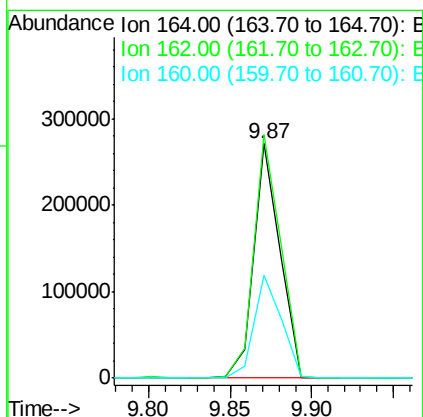
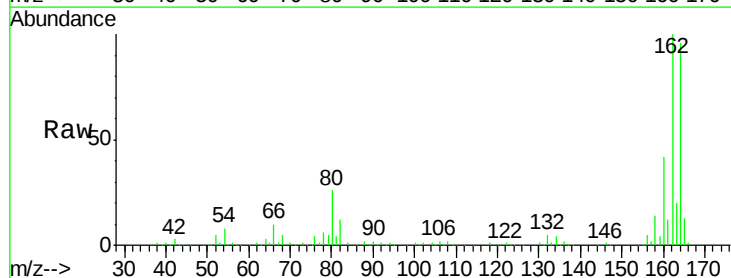
Instrument :
BNA_F
ClientSampleId :
PB97102BS

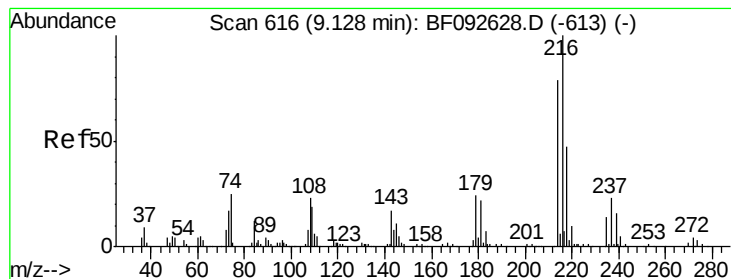
Tgt Ion:142 Resp: 844317
Ion Ratio Lower Upper
142 100
141 88.2 71.0 106.6
115 34.3 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF093076.D
Acq: 22 Feb 2017 15:39

Tgt Ion:164 Resp: 303029
Ion Ratio Lower Upper
164 100
162 103.9 80.2 120.2
160 43.9 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.19 ng

RT: 9.00 min Scan# 605

Delta R.T. -0.02 min

Lab File: BF093076.D

Acq: 22 Feb 2017 15:39

Instrument :

BNA_F

ClientSampleId :

PB97102BS

Tgt Ion:216 Resp: 367358

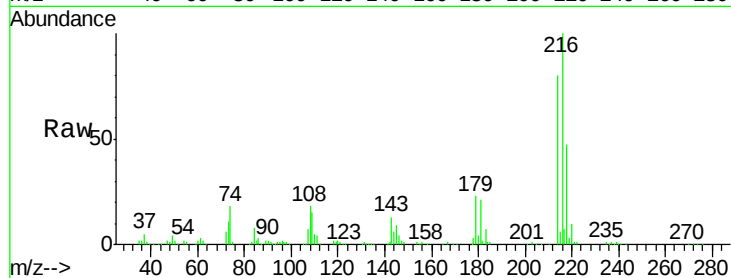
Ion Ratio Lower Upper

216 100

214 79.1 63.4 95.0

179 22.2 17.4 26.2

108 21.4 15.6 23.4

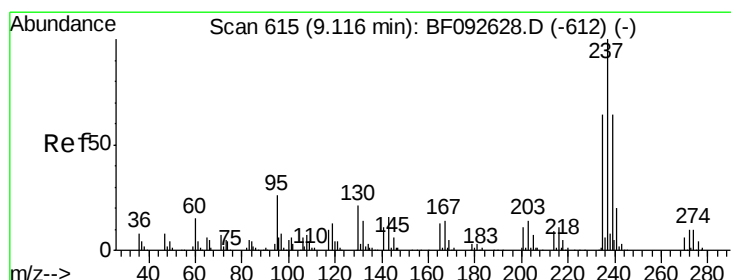
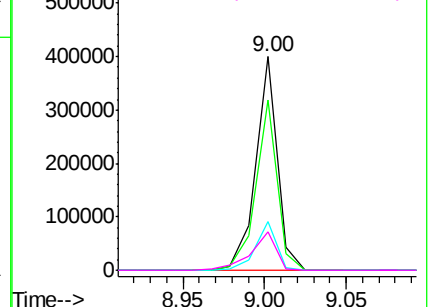
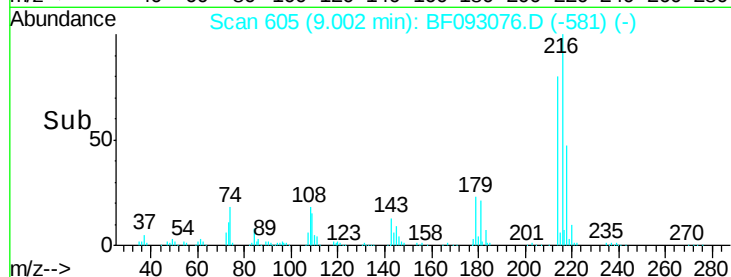


Abundance Ion 216.00 (215.70 to 216.70): E

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: 87.46 ng

RT: 8.99 min Scan# 604

Delta R.T. -0.01 min

Lab File: BF093076.D

Acq: 22 Feb 2017 15:39

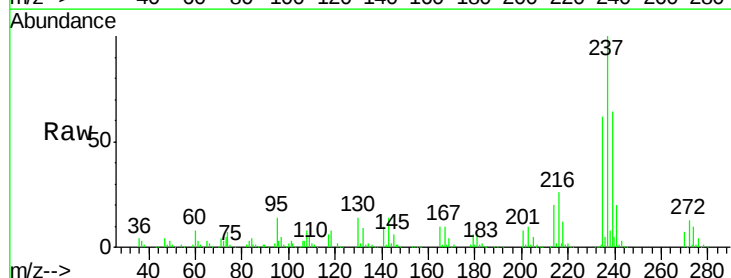
Tgt Ion:237 Resp: 335664

Ion Ratio Lower Upper

237 100

235 62.3 41.2 81.2

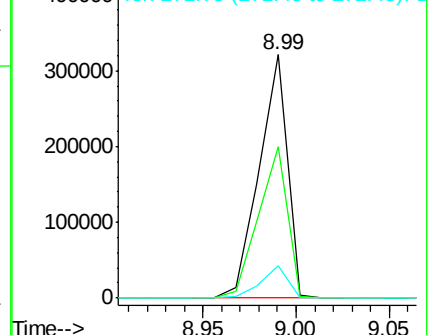
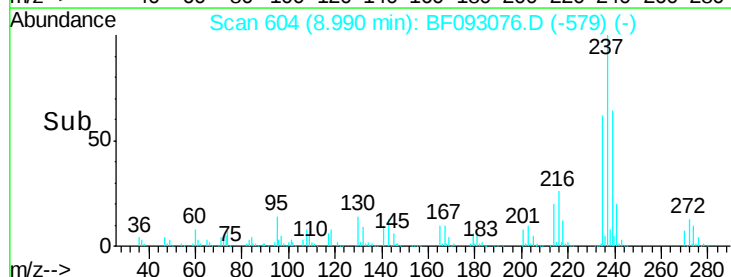
272 13.4 0.0 35.4

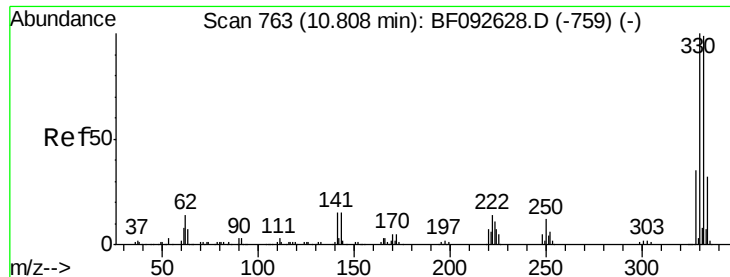


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

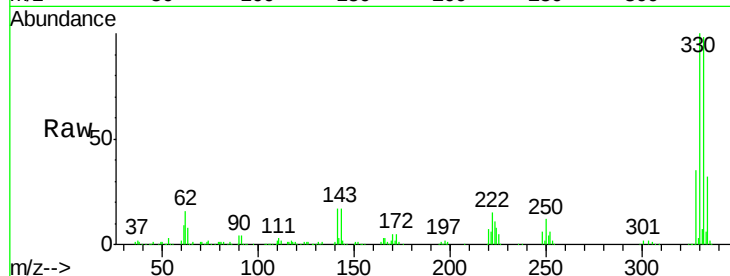




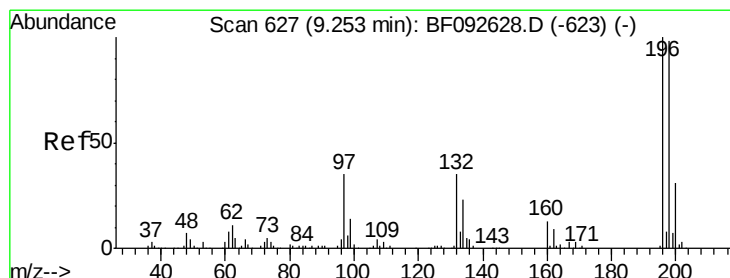
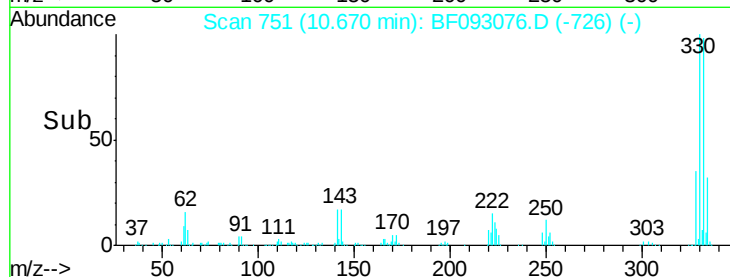
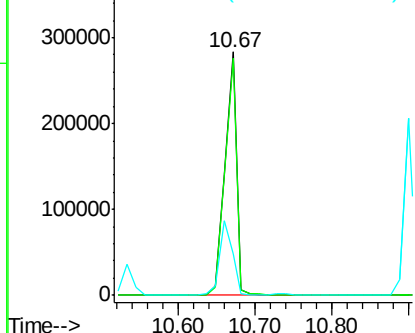
#41
 2,4,6-Tribromophenol
 Concen: 140.91 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093076.D
 Acq: 22 Feb 2017 15:39

Instrument :
 BNA_F
 ClientSampleId :
 PB97102BS

Tgt Ion:330 Resp: 308835
 Ion Ratio Lower Upper
 330 100
 332 98.1 77.4 116.2
 141 33.6 34.1 51.1#

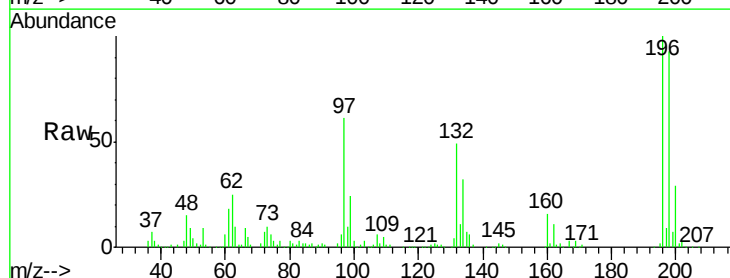


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

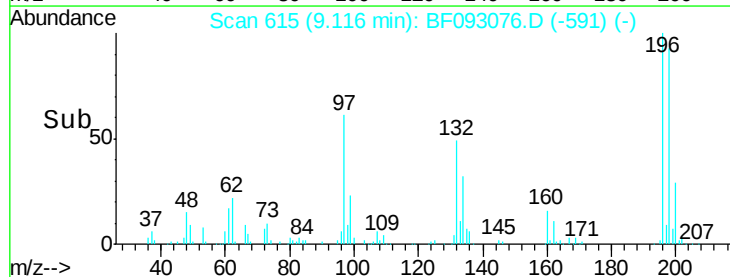
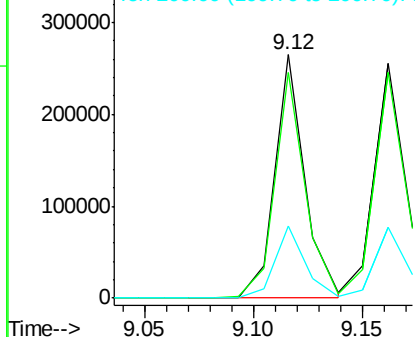


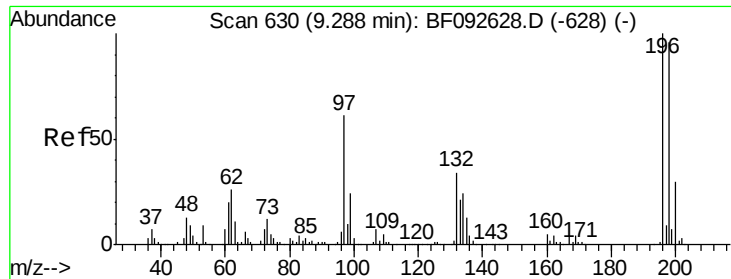
#42
 2,4,6-Trichlorophenol
 Concen: 45.72 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.02 min
 Lab File: BF093076.D
 Acq: 22 Feb 2017 15:39

Tgt Ion:196 Resp: 255571
 Ion Ratio Lower Upper
 196 100
 198 92.5 82.1 123.1
 200 29.4 27.0 40.4



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

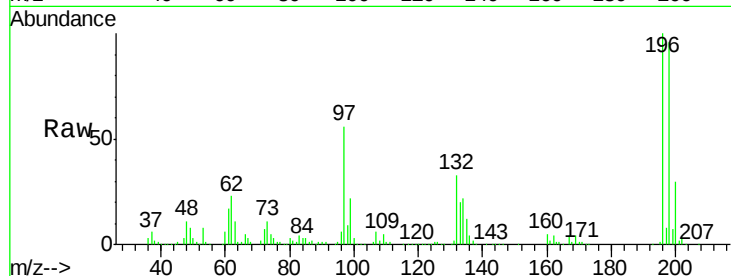




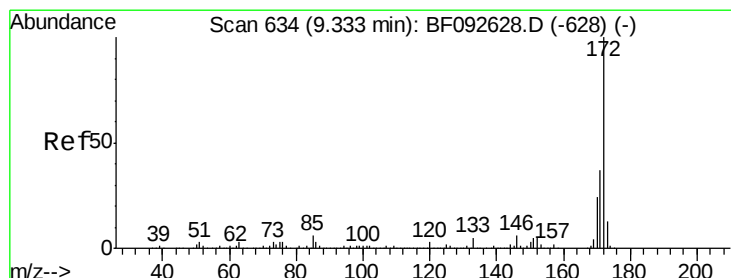
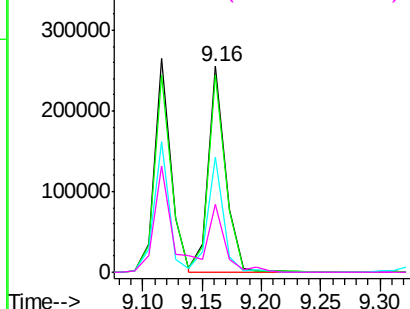
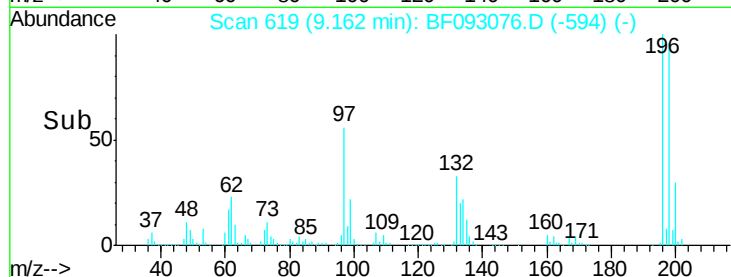
#43
 2,4,5-Trichlorophenol
 Concen: 41.99 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.01 min
 Lab File: BF093076.D
 Acq: 22 Feb 2017 15:39

Instrument :
 BNA_F
 ClientSampleId :
 PB97102BS

Tgt Ion:196 Resp: 257147
 Ion Ratio Lower Upper
 196 100
 198 96.0 79.4 119.2
 97 56.1 51.5 77.3
 132 33.1 27.4 41.2

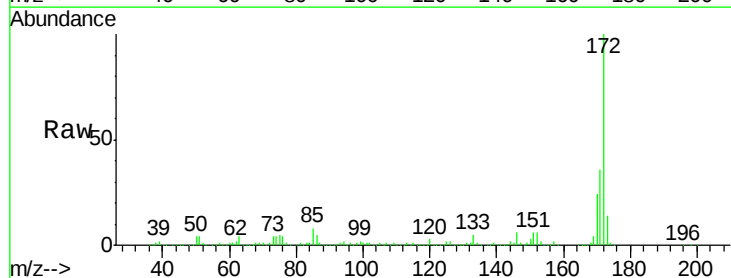


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

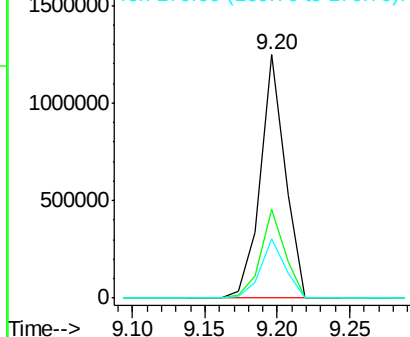
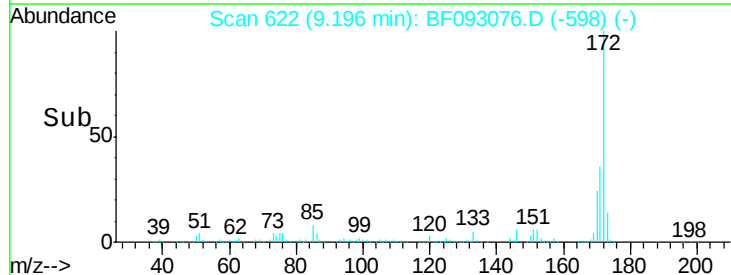


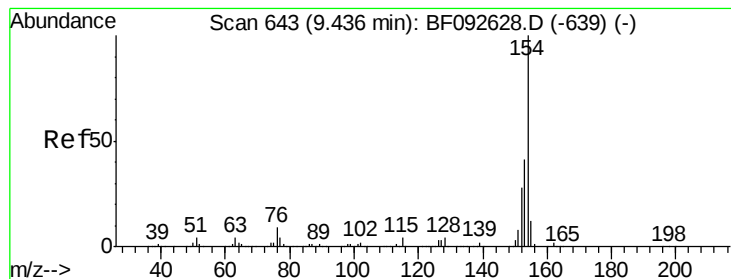
#44
 2-Fluorobiphenyl
 Concen: 88.25 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF093076.D
 Acq: 22 Feb 2017 15:39

Tgt Ion:172 Resp: 1476137
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.1 20.2 30.4



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





#45

1,1'-Biphenyl

Concen: 44.68 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.02 min

Lab File: BF093076.D

Acq: 22 Feb 2017 15:39

Instrument :

BNA_F

ClientSampleId :

PB97102BS

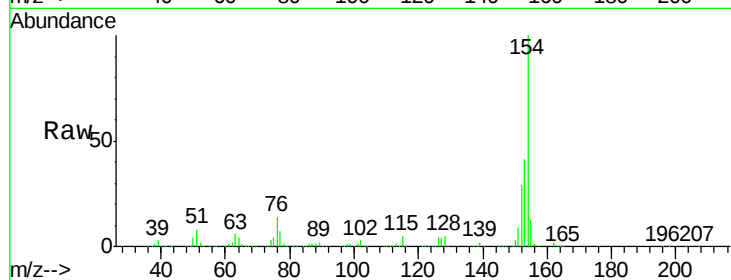
Tgt Ion:154 Resp: 980441

Ion Ratio Lower Upper

154 100

153 41.4 20.9 60.9

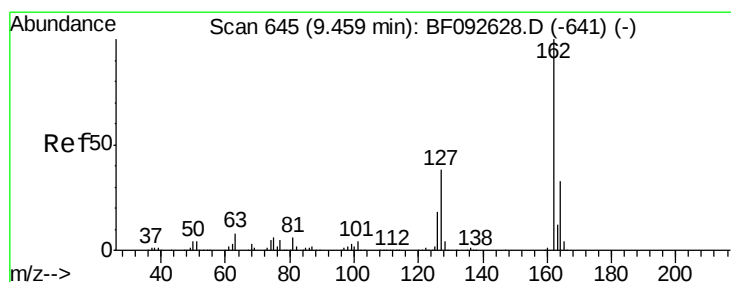
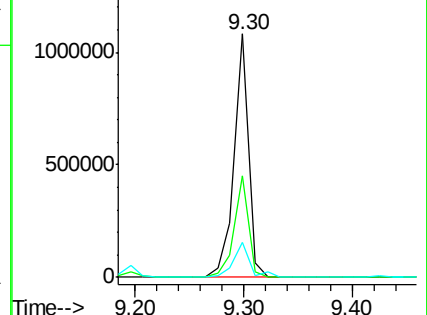
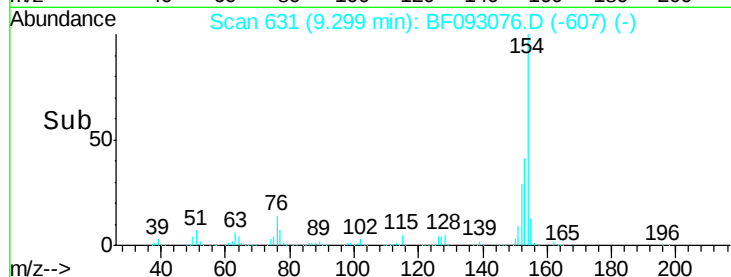
76 14.4 0.0 30.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 44.44 ng

RT: 9.32 min Scan# 633

Delta R.T. -0.02 min

Lab File: BF093076.D

Acq: 22 Feb 2017 15:39

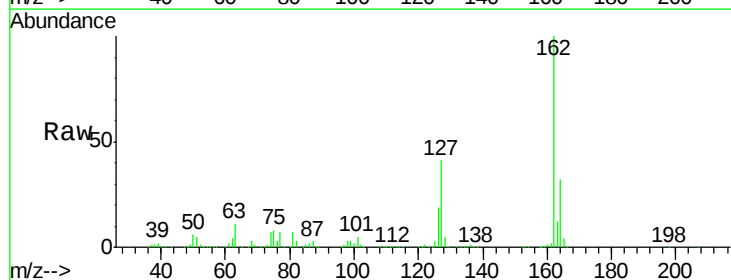
Tgt Ion:162 Resp: 762822

Ion Ratio Lower Upper

162 100

127 41.4 30.7 46.1

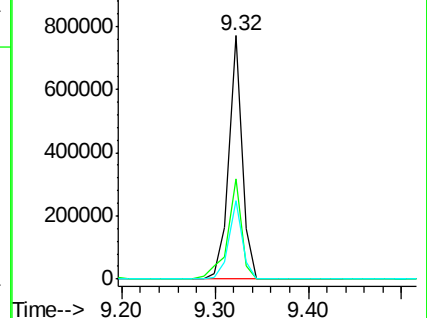
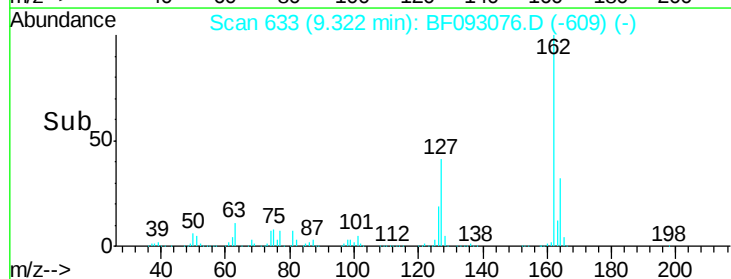
164 32.5 27.6 41.4

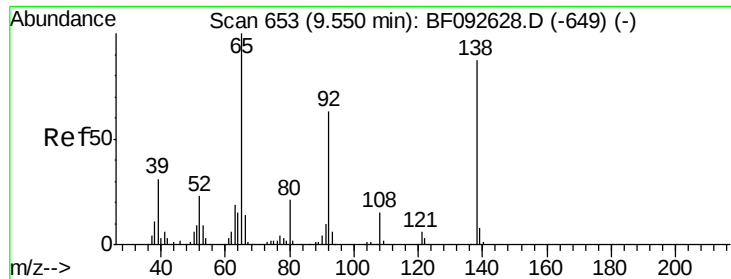


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

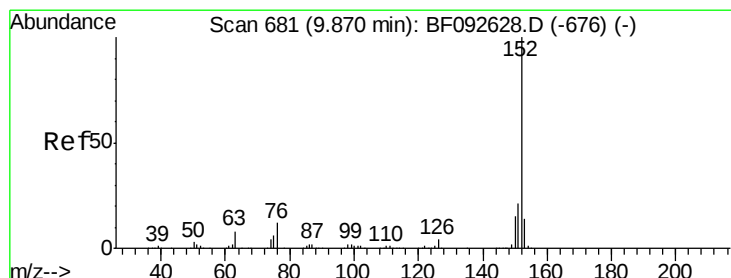
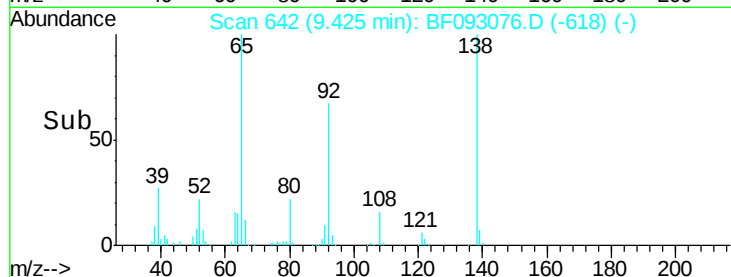
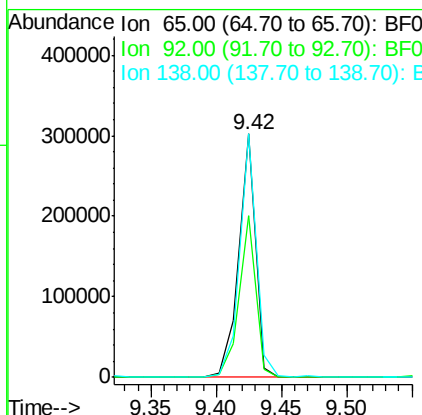
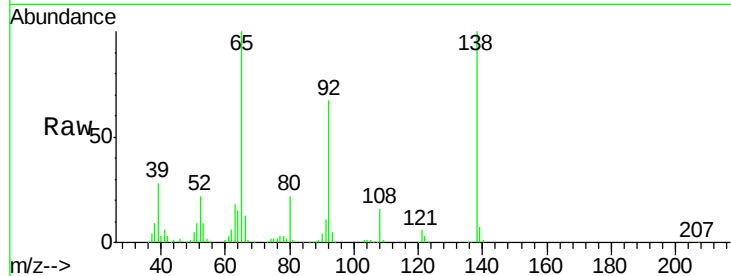




#47
2-Nitroaniline
Concen: 46.67 ng
RT: 9.42 min Scan# 642
Delta R.T. -0.02 min
Lab File: BF093076.D
Acq: 22 Feb 2017 15:39

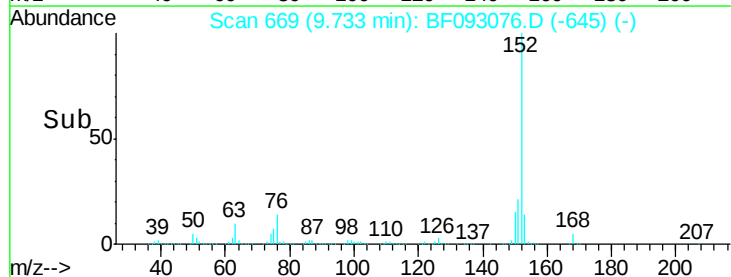
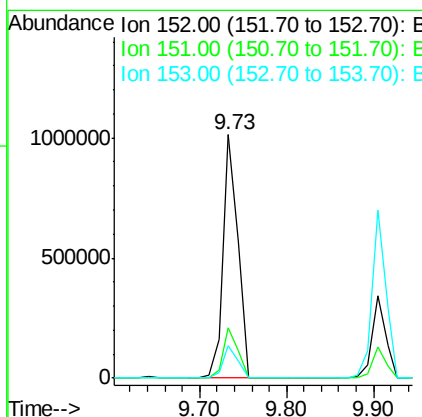
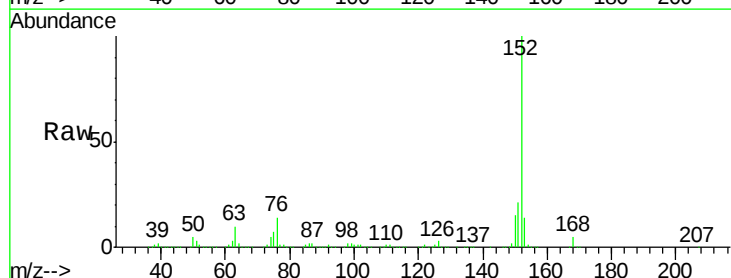
Instrument :
BNA_F
ClientSampleId :
PB97102BS

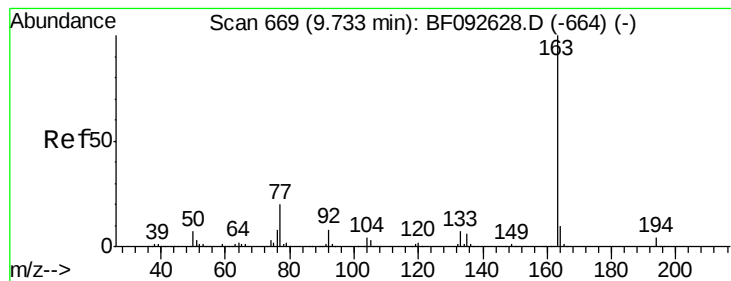
Tgt Ion: 65 Resp: 269362
Ion Ratio Lower Upper
65 100
92 66.6 53.9 80.9
138 99.8 76.8 115.2



#48
Acenaphthylene
Concen: 40.74 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.02 min
Lab File: BF093076.D
Acq: 22 Feb 2017 15:39

Tgt Ion: 152 Resp: 1208115
Ion Ratio Lower Upper
152 100
151 20.8 16.9 25.3
153 13.5 11.4 17.2





#49

Dimethylphthalate

Concen: 49.16 ng

RT: 9.61 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF093076.D

Acq: 22 Feb 2017 15:39

Instrument :

BNA_F

ClientSampleId :

PB97102BS

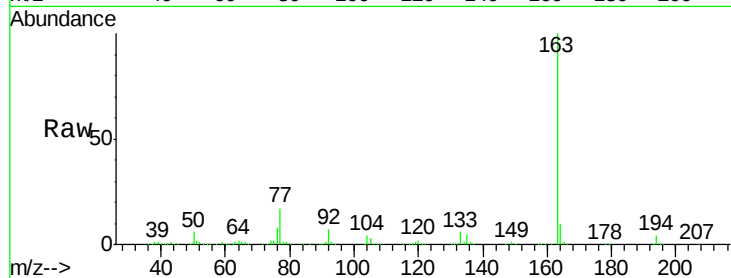
Tgt Ion:163 Resp: 1003489

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

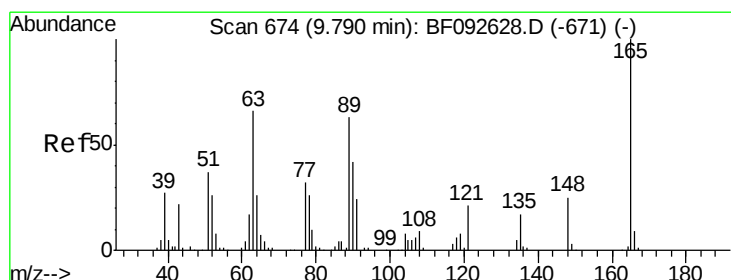
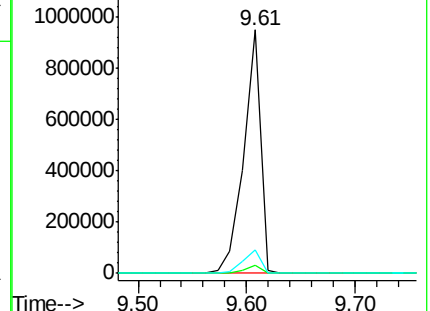
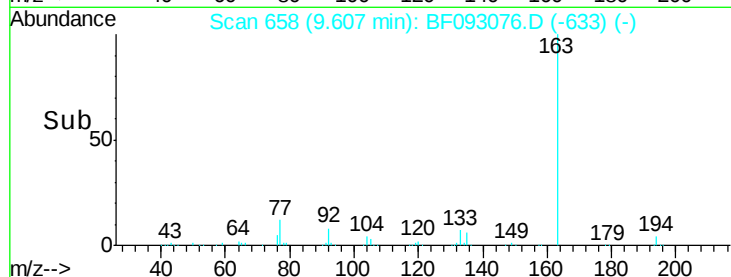
164 9.8 8.0 12.0



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: 43.09 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.02 min

Lab File: BF093076.D

Acq: 22 Feb 2017 15:39

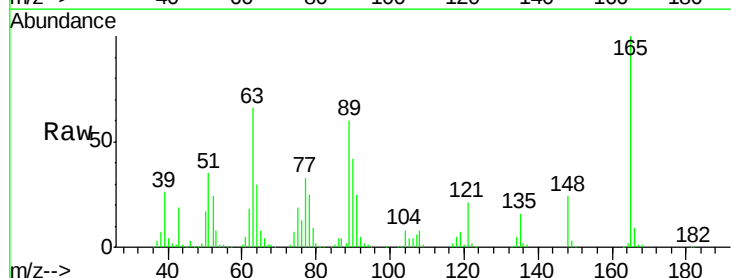
Tgt Ion:165 Resp: 189940

Ion Ratio Lower Upper

165 100

63 66.2 36.2 54.4#

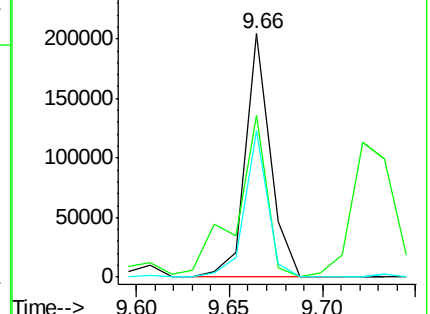
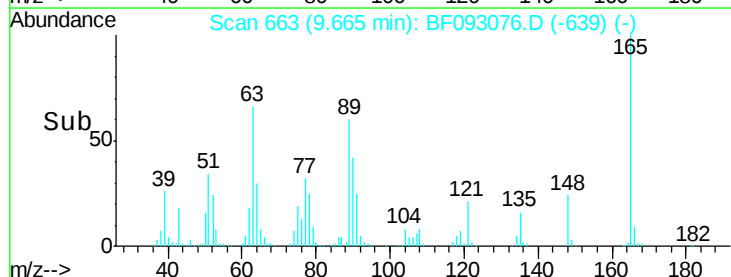
89 60.4 40.2 60.4#

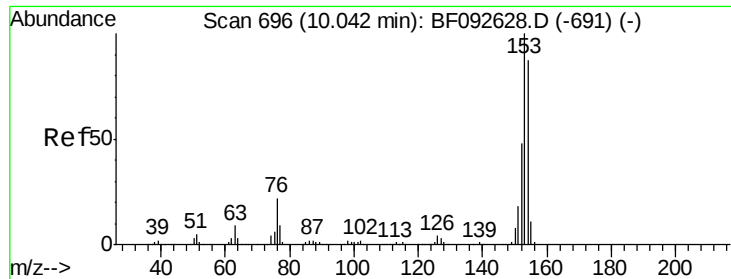


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.49 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF093076.D

Acq: 22 Feb 2017 15:39

Instrument :

BNA_F

ClientSampleId :

PB97102BS

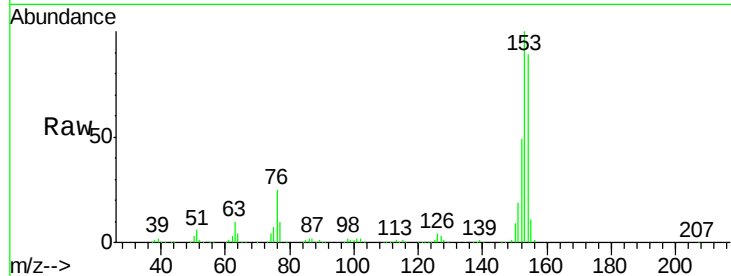
Tgt Ion:154 Resp: 700178

Ion Ratio Lower Upper

154 100

153 112.9 88.6 133.0

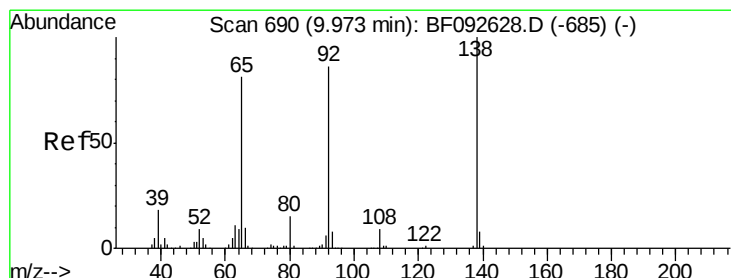
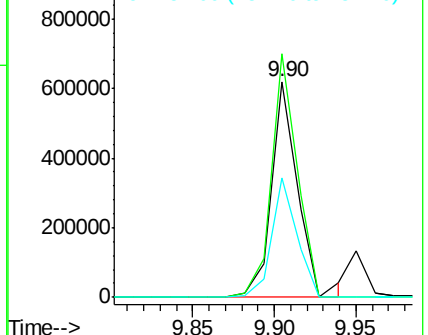
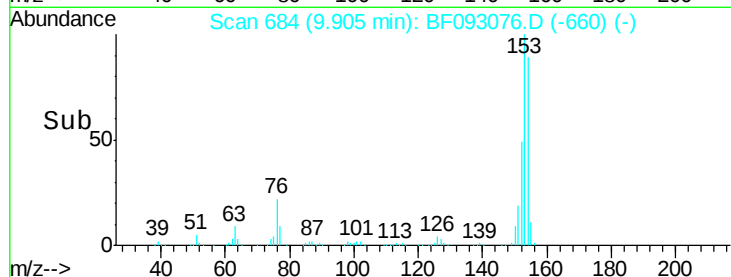
152 55.3 41.6 62.4



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: 18.73 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.02 min

Lab File: BF093076.D

Acq: 22 Feb 2017 15:39

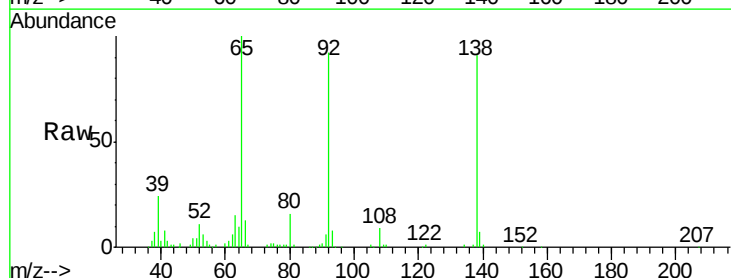
Tgt Ion:138 Resp: 94467

Ion Ratio Lower Upper

138 100

108 9.8 8.5 12.7

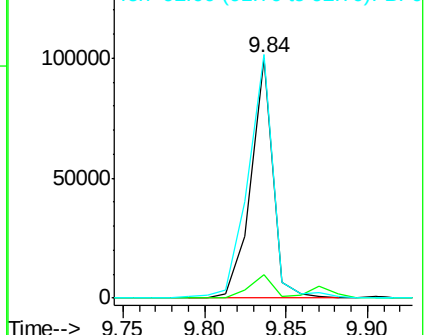
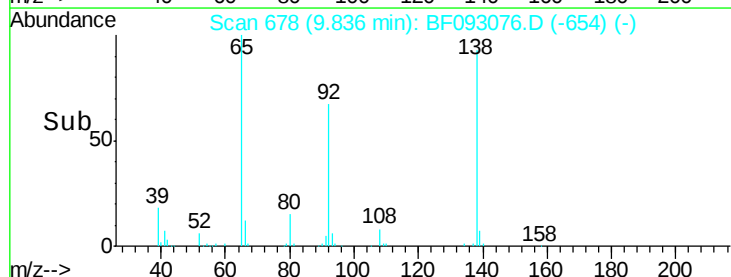
92 101.3 97.8 146.8

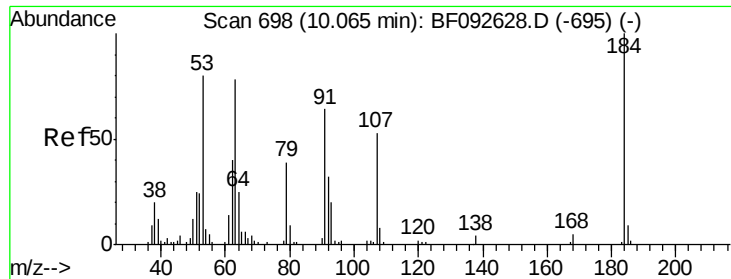


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

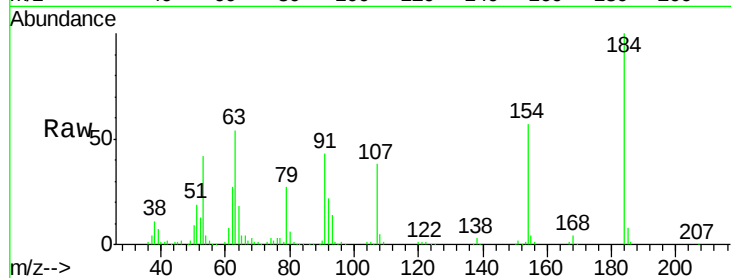




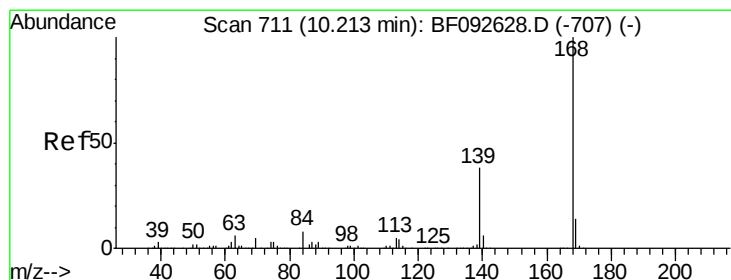
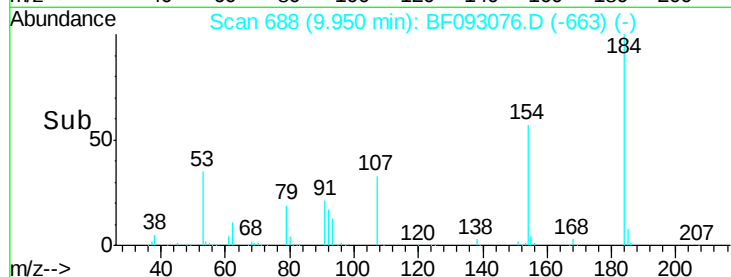
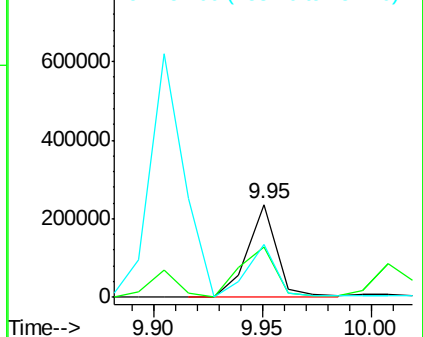
#53
 2,4-Dinitrophenol
 Concen: 98.96 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.01 min
 Lab File: BF093076.D
 Acq: 22 Feb 2017 15:39

Instrument :
 BNA_F
 ClientSampleId :
 PB97102BS

Tgt Ion:184 Resp: 224574
 Ion Ratio Lower Upper
 184 100
 63 54.1 28.4 42.6#
 154 57.3 44.3 66.5

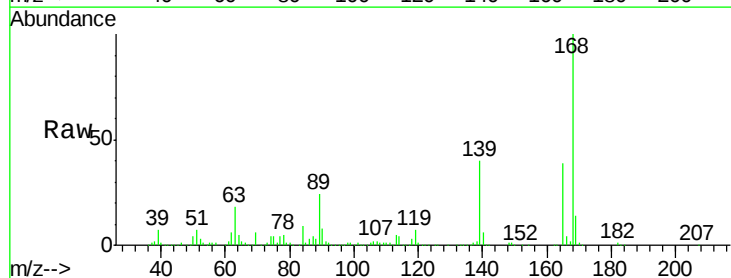


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

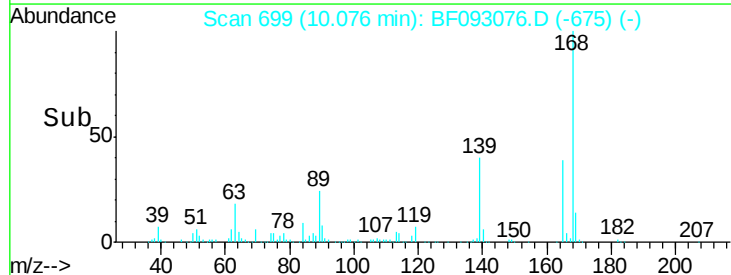
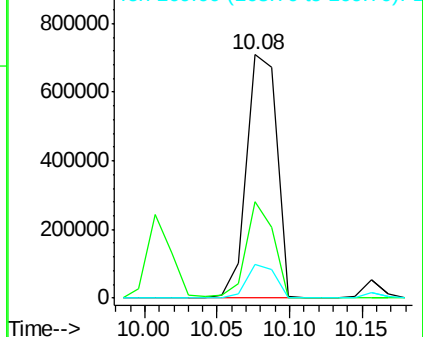


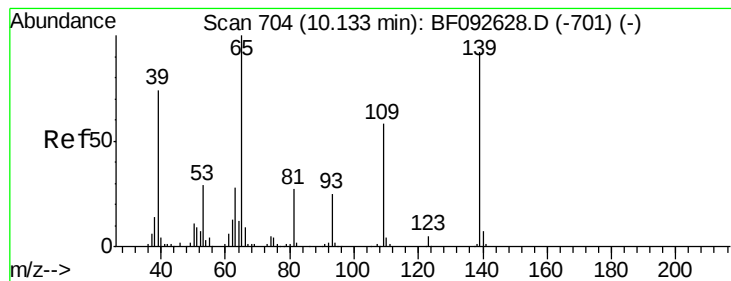
#54
 Dibenzofuran
 Concen: 43.28 ng
 RT: 10.08 min Scan# 699
 Delta R.T. -0.02 min
 Lab File: BF093076.D
 Acq: 22 Feb 2017 15:39

Tgt Ion:168 Resp: 1026382
 Ion Ratio Lower Upper
 168 100
 139 39.8 32.6 49.0
 169 13.7 11.3 16.9



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





#55

4-Nitrophenol

Concen: 78.24 ng

RT: 10.01 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF093076.D

Acq: 22 Feb 2017 15:39

Instrument :

BNA_F

ClientSampleId :

PB97102BS

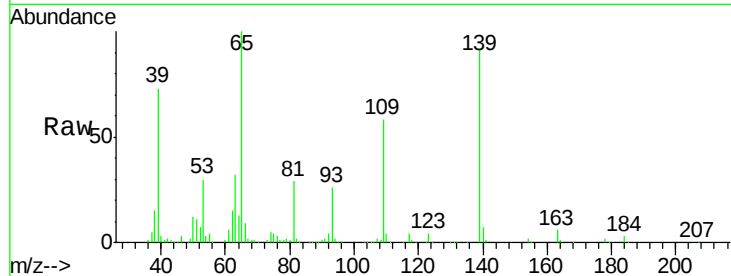
Tgt Ion:139 Resp: 284267

Ion Ratio Lower Upper

139 100

109 63.5 52.2 92.2

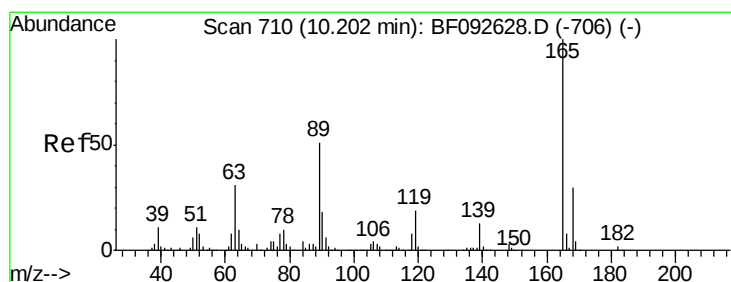
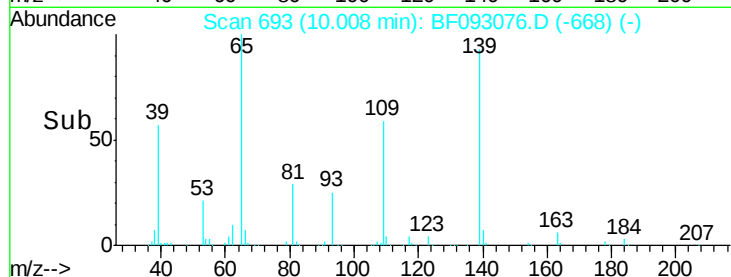
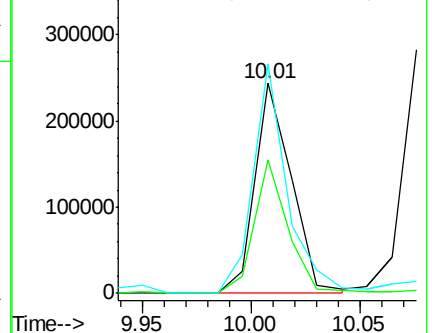
65 109.4 85.8 125.8



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 48.45 ng

RT: 10.08 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF093076.D

Acq: 22 Feb 2017 15:39

Tgt Ion:165 Resp: 284310

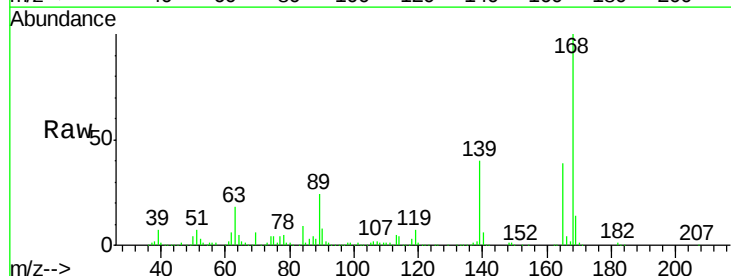
Ion Ratio Lower Upper

165 100

63 46.4 40.2 60.4

89 59.9 62.5 93.7#

182 2.5 1.8 2.8

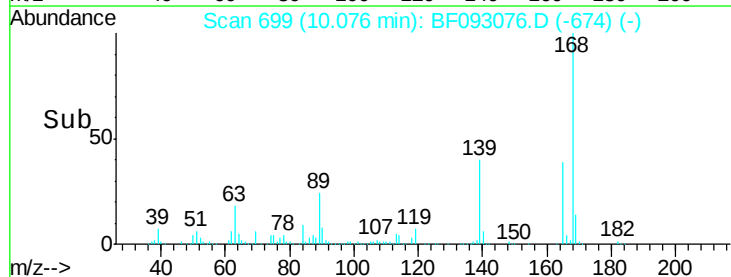
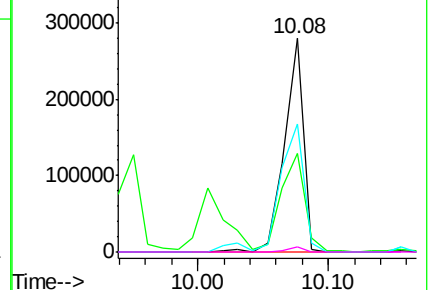


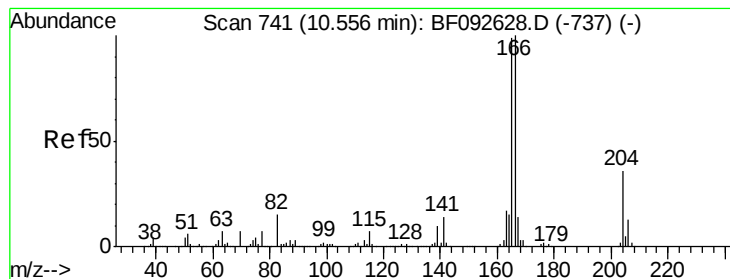
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 41.23 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF093076.D

Acq: 22 Feb 2017 15:39

Instrument :

BNA_F

ClientSampleId :

PB97102BS

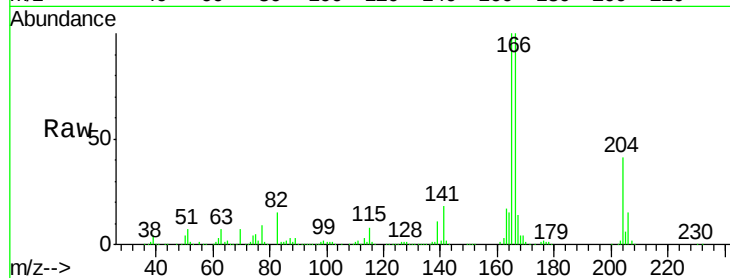
Tgt Ion:166 Resp: 752111

Ion Ratio Lower Upper

166 100

165 100.4 77.8 116.8

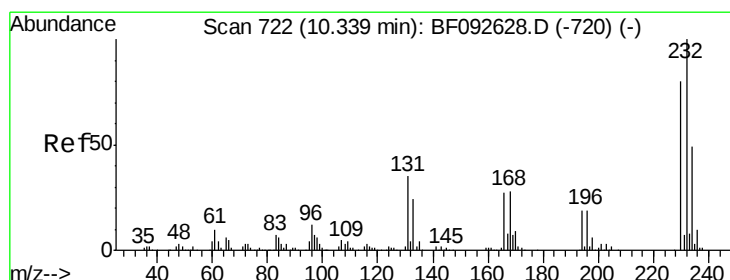
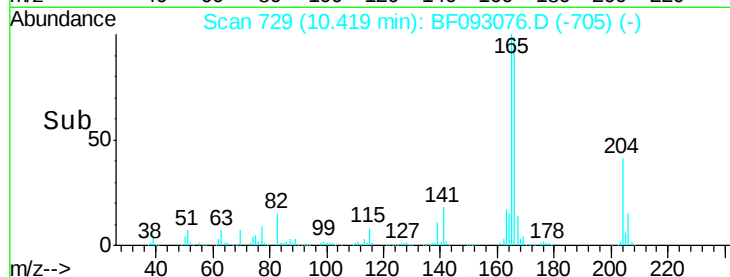
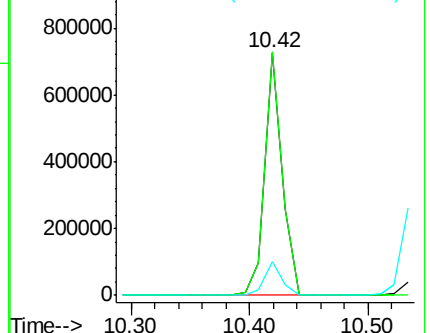
167 13.8 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 52.94 ng

RT: 10.20 min Scan# 710

Delta R.T. -0.02 min

Lab File: BF093076.D

Acq: 22 Feb 2017 15:39

Tgt Ion:232 Resp: 216276

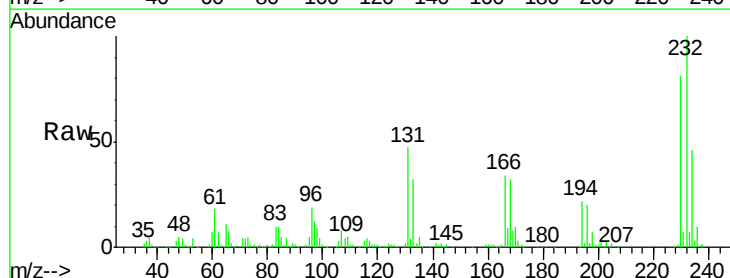
Ion Ratio Lower Upper

232 100

131 47.8 40.1 60.1

130 2.2 1.8 2.8

166 32.3 26.6 39.8

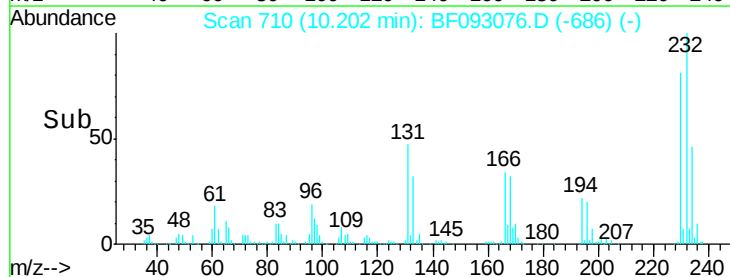
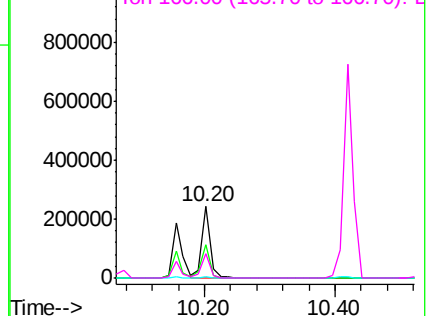


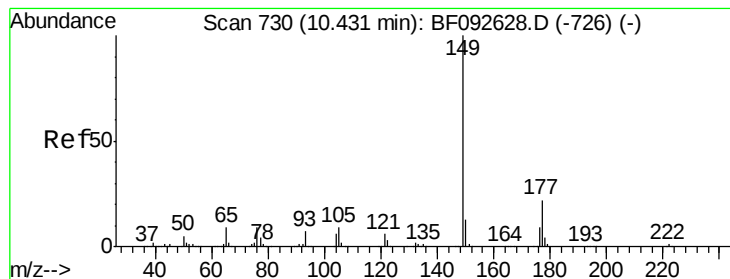
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 47.86 ng

RT: 10.30 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF093076.D

Acq: 22 Feb 2017 15:39

Instrument :

BNA_F

ClientSampleId :

PB97102BS

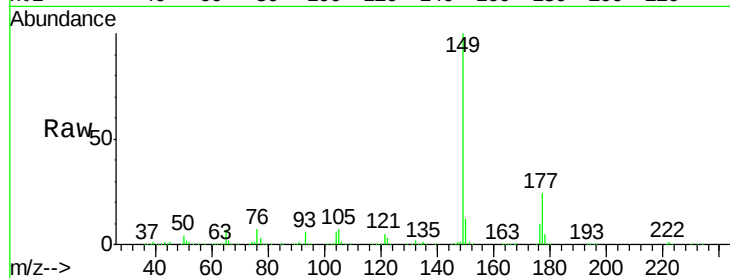
Tgt Ion:149 Resp: 920571

Ion Ratio Lower Upper

149 100

177 24.1 16.6 25.0

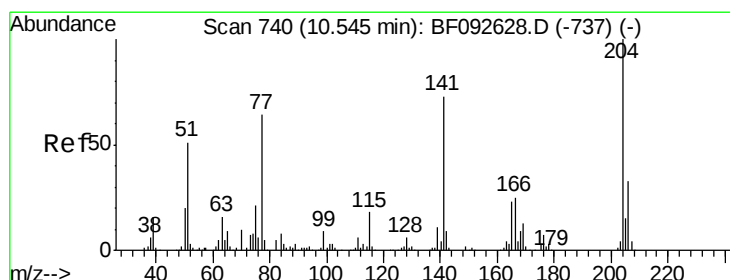
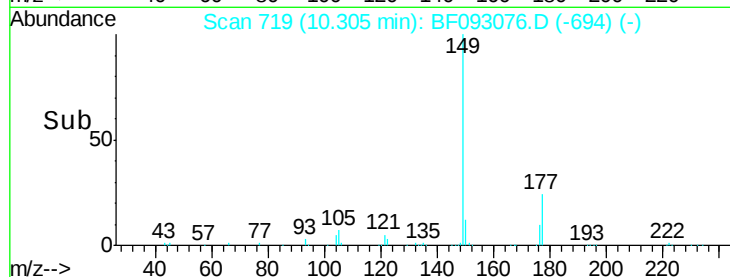
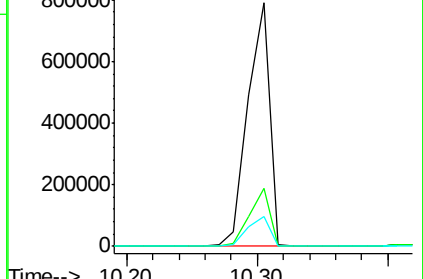
150 12.0 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 42.69 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF093076.D

Acq: 22 Feb 2017 15:39

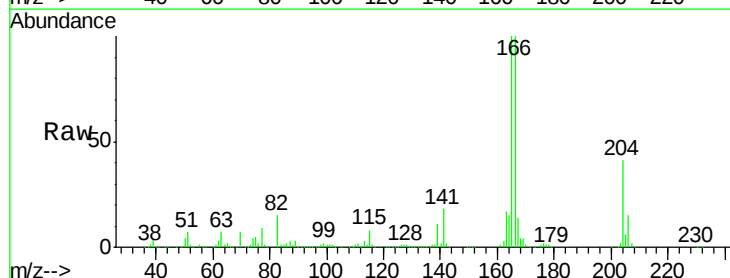
Tgt Ion:204 Resp: 374117

Ion Ratio Lower Upper

204 100

206 35.1 25.8 38.6

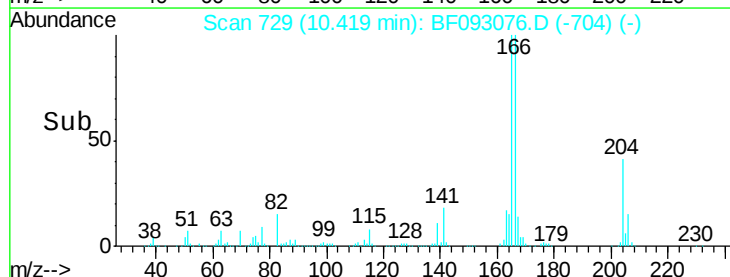
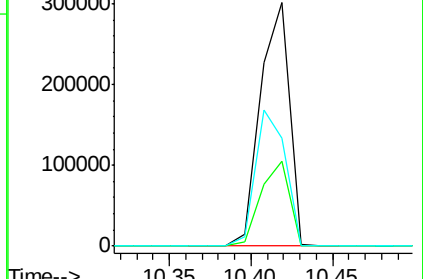
141 44.2 59.4 89.0#

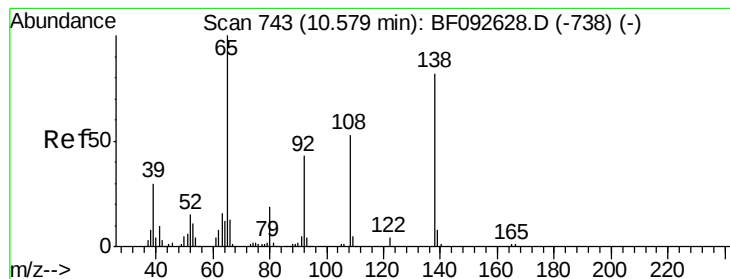


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 44.71 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF093076.D

Acq: 22 Feb 2017 15:39

Instrument :

BNA_F

ClientSampleId :

PB97102BS

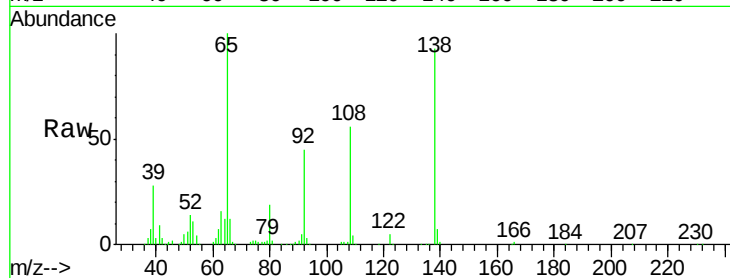
Tgt Ion:138 Resp: 231023

Ion Ratio Lower Upper

138 100

92 47.9 31.7 71.7

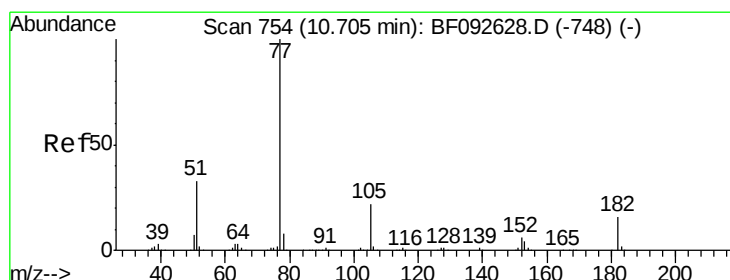
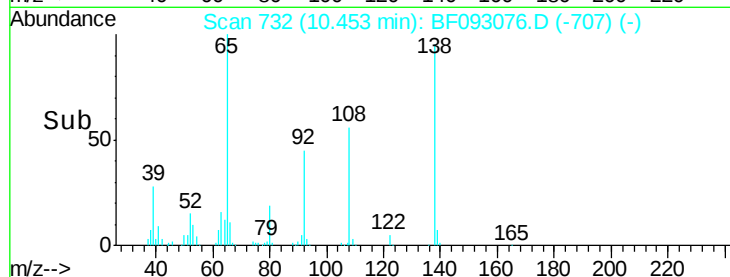
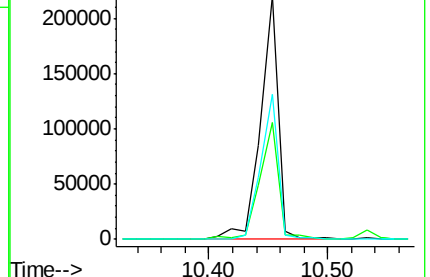
108 59.7 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 49.85 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF093076.D

Acq: 22 Feb 2017 15:39

Tgt Ion: 77 Resp: 990568

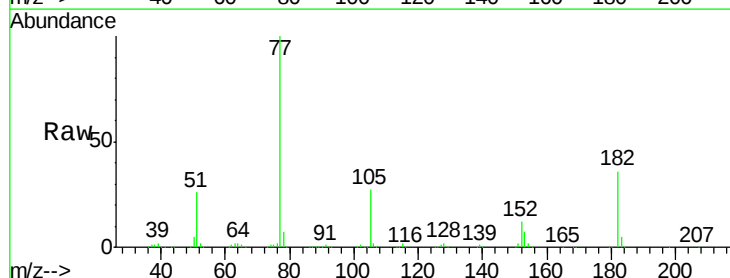
Ion Ratio Lower Upper

77 100

182 35.8 0.0 39.3

105 27.0 2.3 42.3

51 26.2 8.9 48.9

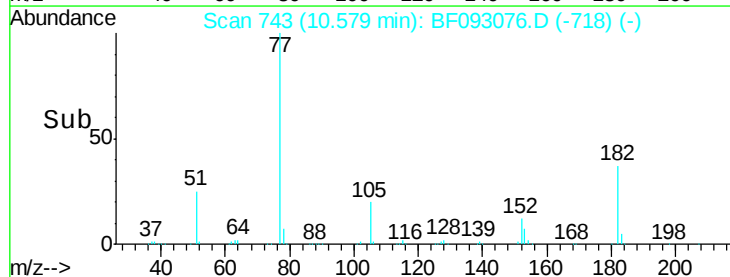
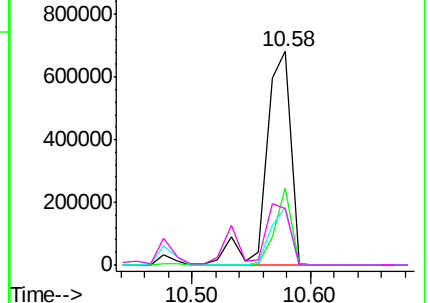


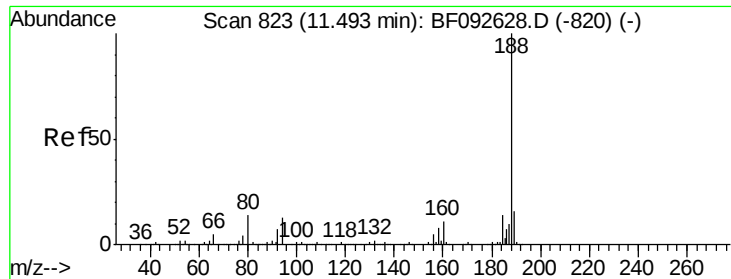
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

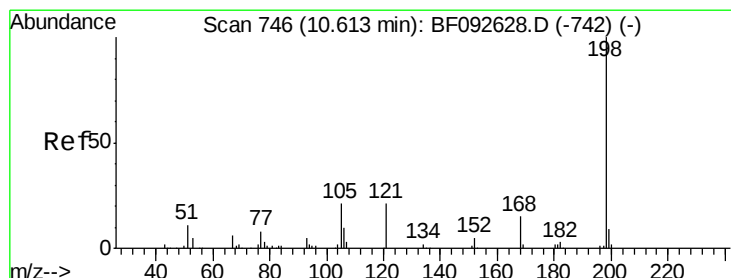
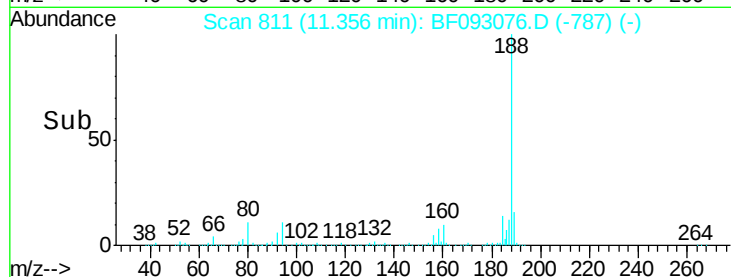
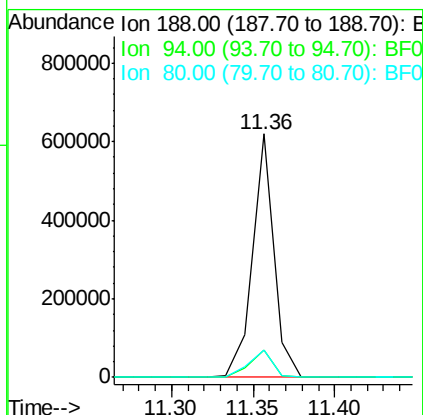
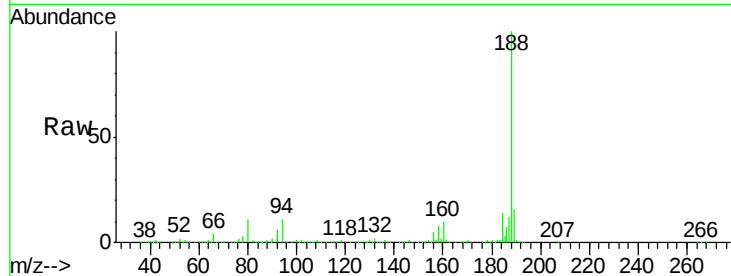




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF093076.D
Acq: 22 Feb 2017 15:39

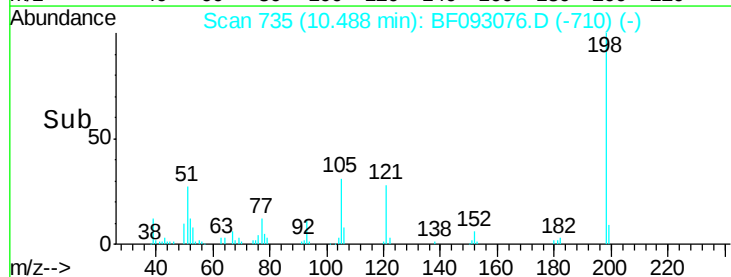
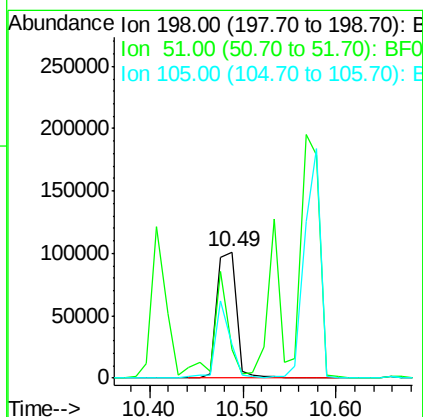
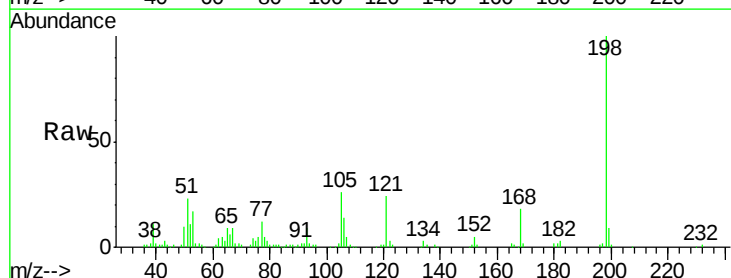
Instrument :
BNA_F
ClientSampleId :
PB97102BS

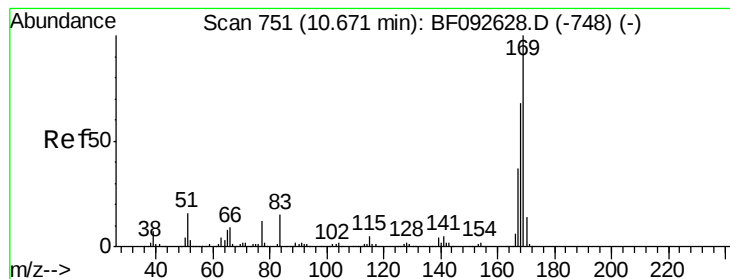
Tgt Ion:188 Resp: 565302
Ion Ratio Lower Upper
188 100
94 11.0 10.0 15.0
80 11.4 11.2 16.8



#64
4,6-Dinitro-2-methylphenol
Concen: 43.03 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF093076.D
Acq: 22 Feb 2017 15:39

Tgt Ion:198 Resp: 147049
Ion Ratio Lower Upper
198 100
51 22.8 6.7 46.7
105 26.3 16.6 56.6





#65

n-Nitrosodiphenylamine

Concen: 38.33 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF093076.D

Acq: 22 Feb 2017 15:39

Instrument :

BNA_F

ClientSampleId :

PB97102BS

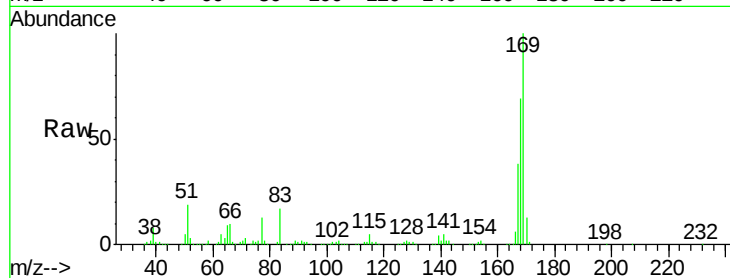
Tgt Ion:169 Resp: 692170

Ion Ratio Lower Upper

169 100

168 68.7 54.2 81.2

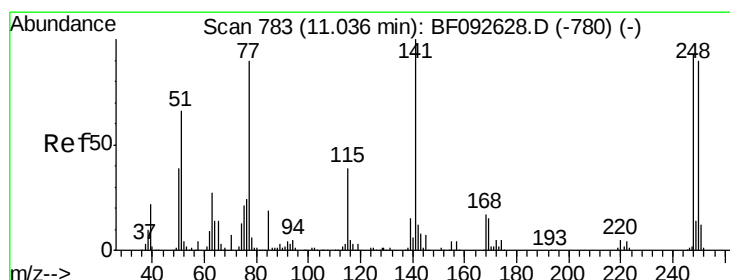
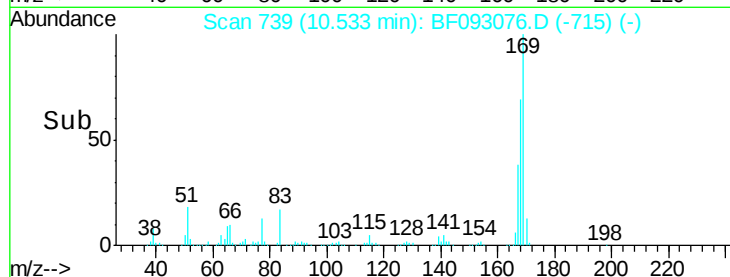
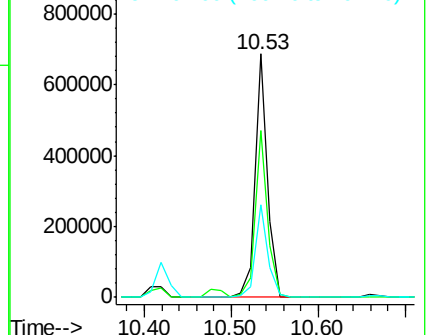
167 38.0 30.2 45.4



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: 36.68 ng

RT: 10.90 min Scan# 771

Delta R.T. -0.02 min

Lab File: BF093076.D

Acq: 22 Feb 2017 15:39

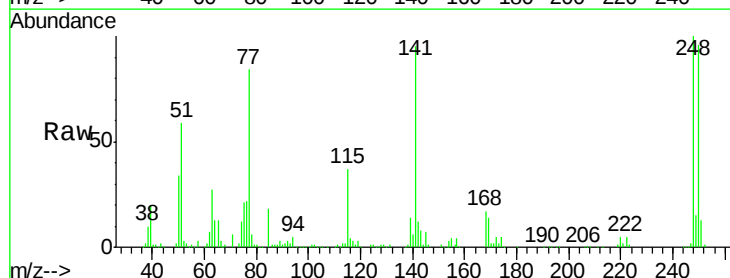
Tgt Ion:248 Resp: 216633

Ion Ratio Lower Upper

248 100

250 95.9 76.9 115.3

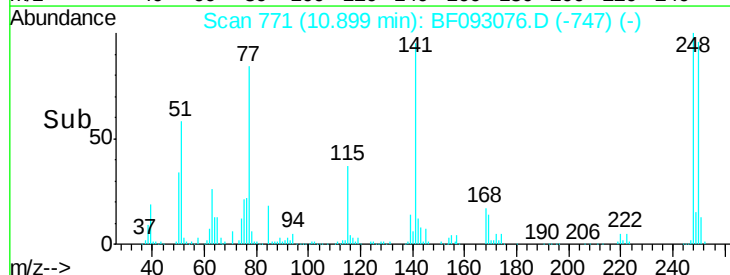
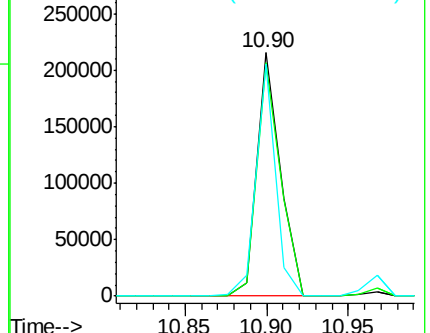
141 95.5 68.2 102.4

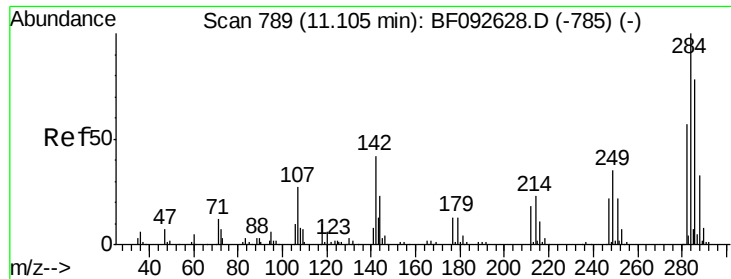


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

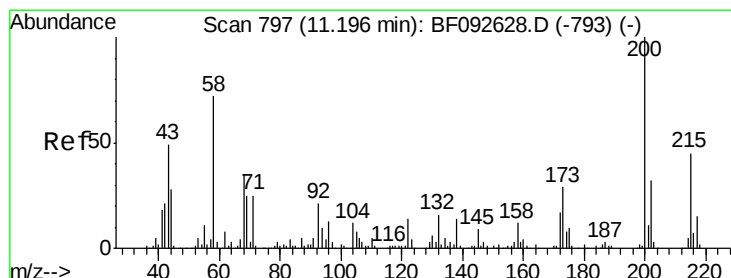
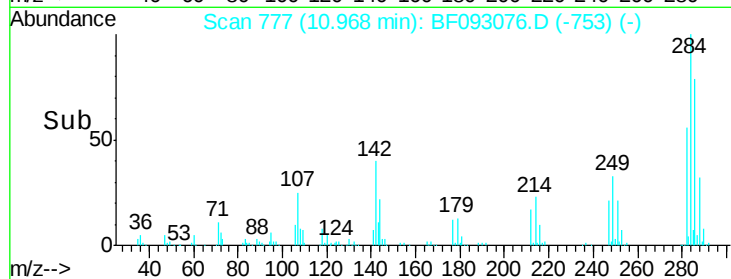
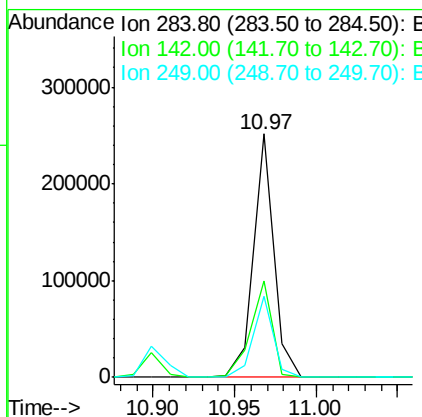
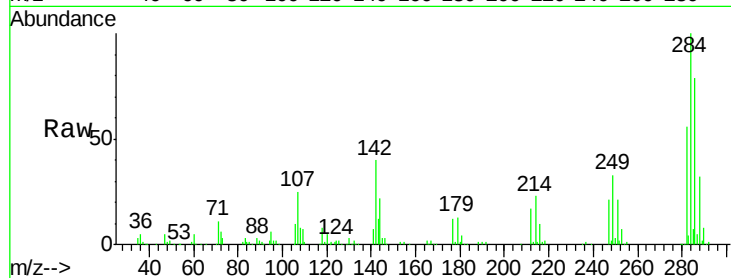




#67
Hexachlorobenzene
Concen: 37.69 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.02 min
Lab File: BF093076.D
Acq: 22 Feb 2017 15:39

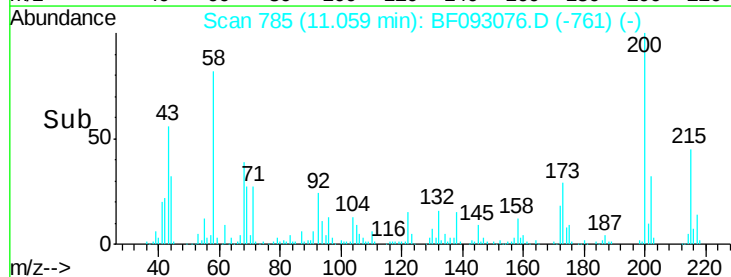
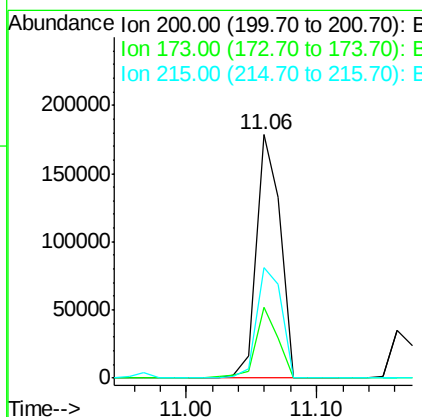
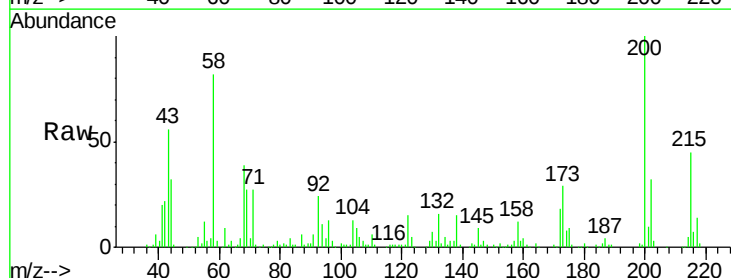
Instrument :
BNA_F
ClientSampleId :
PB97102BS

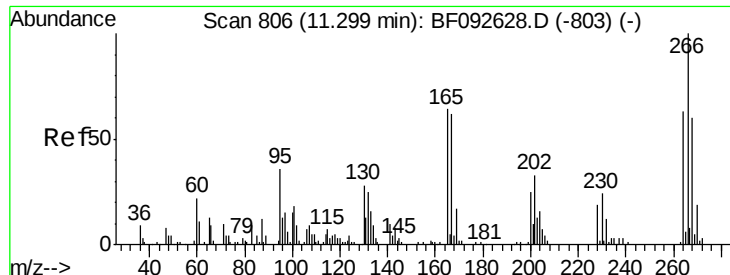
Tgt Ion	Ratio	Lower	Upper
284	100		
142	39.6	22.6	33.8#
249	33.5	25.4	38.0



#68
Atrazine
Concen: 39.12 ng
RT: 11.06 min Scan# 785
Delta R.T. -0.02 min
Lab File: BF093076.D
Acq: 22 Feb 2017 15:39

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.9	9.6	49.6
215	45.3	25.7	65.7

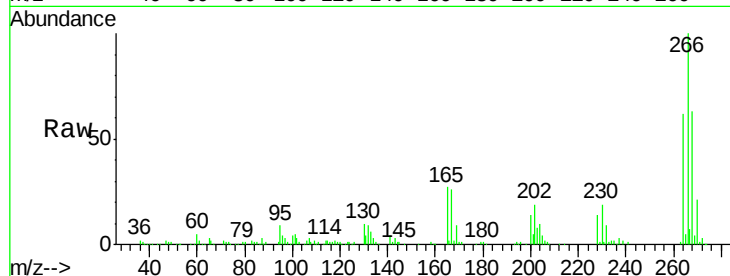




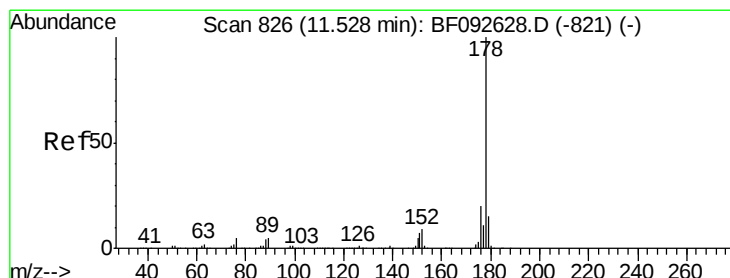
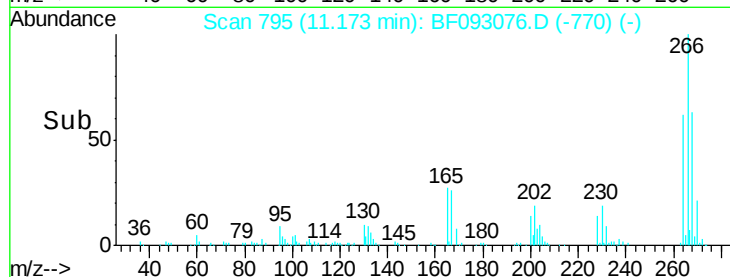
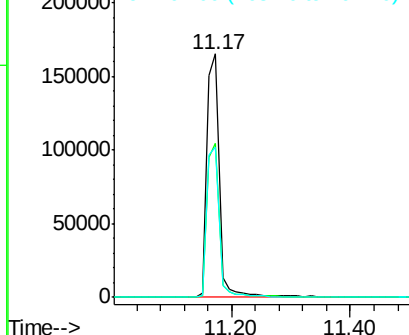
#69
 Pentachlorophenol
 Concen: 81.50 ng
 RT: 11.17 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF093076.D
 Acq: 22 Feb 2017 15:39

Instrument :
 BNA_F
 ClientSampleId :
 PB97102BS

Tgt Ion:266 Resp: 246000
 Ion Ratio Lower Upper
 266 100
 268 63.5 53.3 79.9
 264 61.6 50.3 75.5

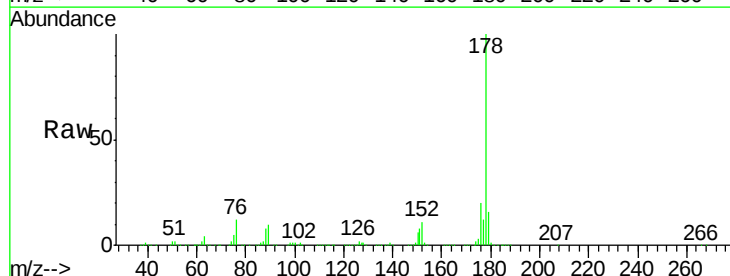


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

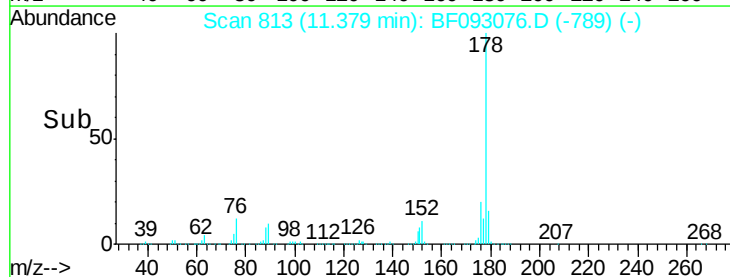
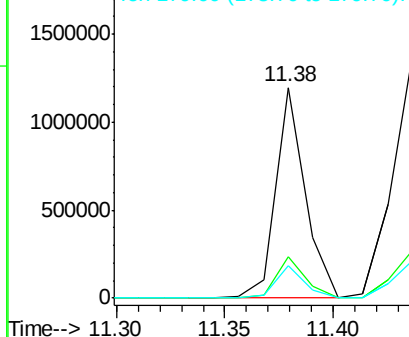


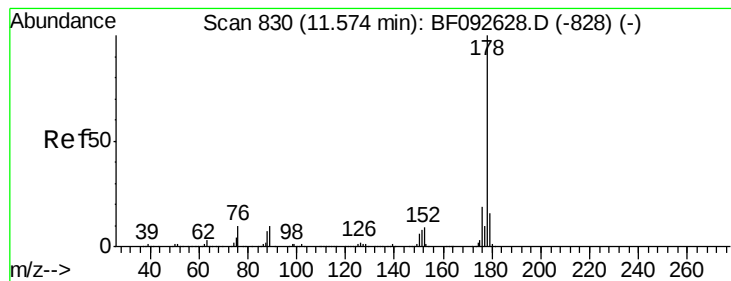
#70
 Phenanthrene
 Concen: 34.93 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.02 min
 Lab File: BF093076.D
 Acq: 22 Feb 2017 15:39

Tgt Ion:178 Resp: 1131339
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.6 25.0
 179 15.7 12.8 19.2



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: 41.65 ng

RT: 11.44 min Scan# 818

Delta R.T. -0.02 min

Lab File: BF093076.D

Acq: 22 Feb 2017 15:39

Instrument :

BNA_F

ClientSampleId :

PB97102BS

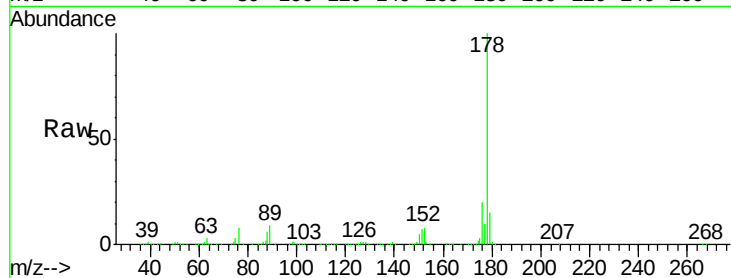
Tgt Ion:178 Resp: 1354485

Ion Ratio Lower Upper

178 100

176 19.5 15.9 23.9

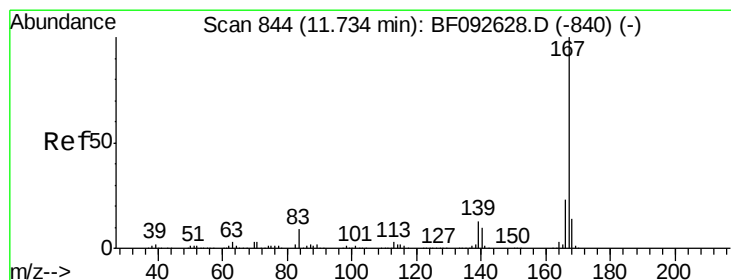
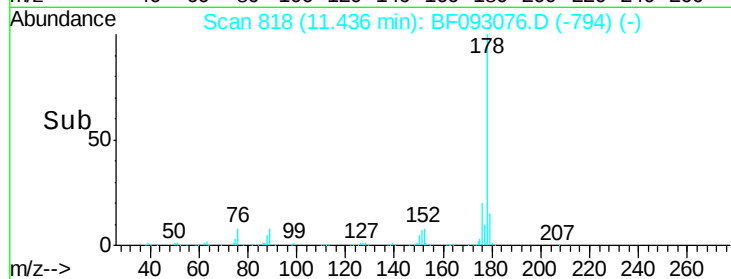
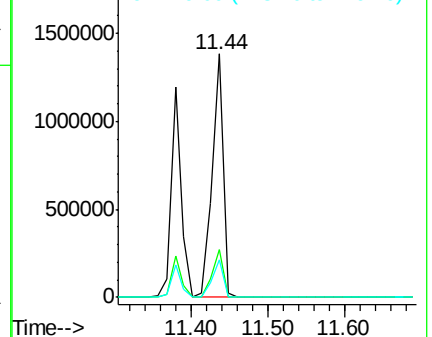
179 15.2 13.2 19.8



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



#72

Carbazole

Concen: 37.74 ng

RT: 11.60 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF093076.D

Acq: 22 Feb 2017 15:39

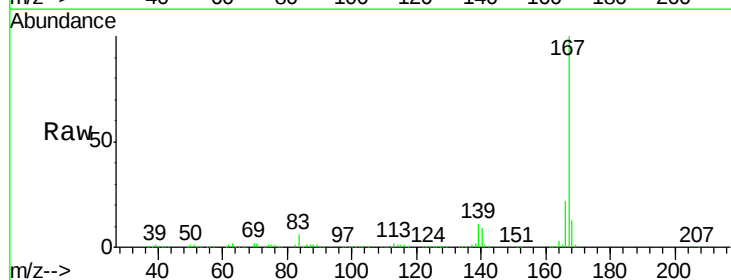
Tgt Ion:167 Resp: 1173297

Ion Ratio Lower Upper

167 100

166 21.8 18.2 27.2

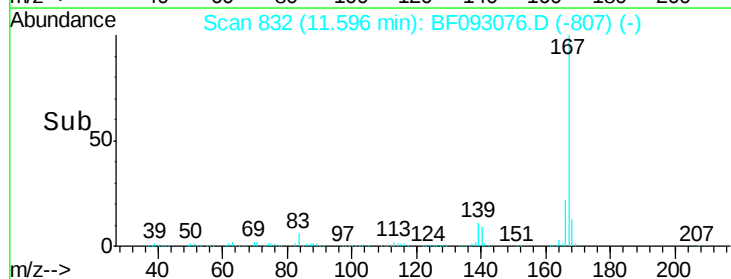
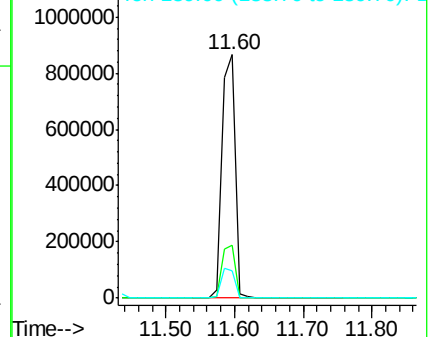
139 11.4 11.4 17.2#

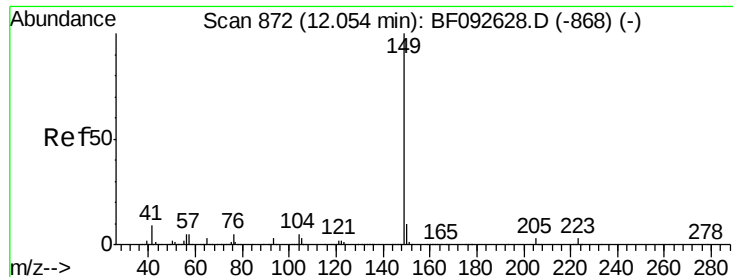


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.70 ng

RT: 11.92 min Scan# 860

Delta R.T. -0.02 min

Lab File: BF093076.D

Acq: 22 Feb 2017 15:39

Instrument :

BNA_F

ClientSampleId :

PB97102BS

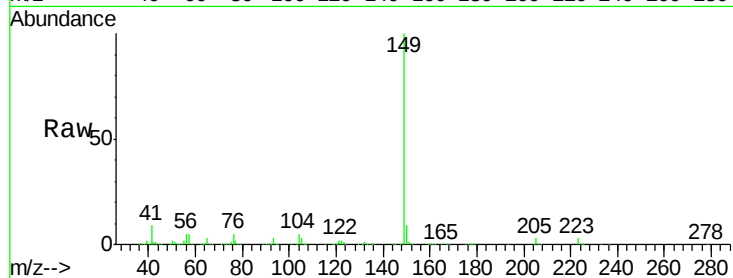
Tgt Ion:149 Resp: 1301058

Ion Ratio Lower Upper

149 100

150 9.3 8.1 12.1

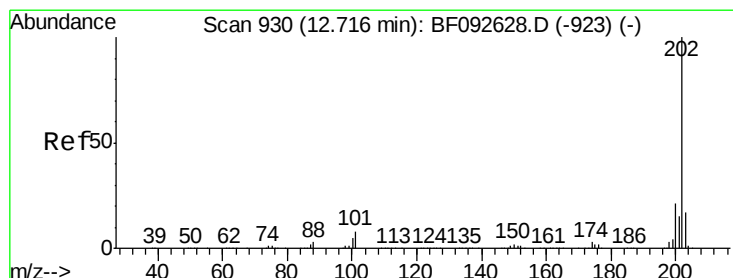
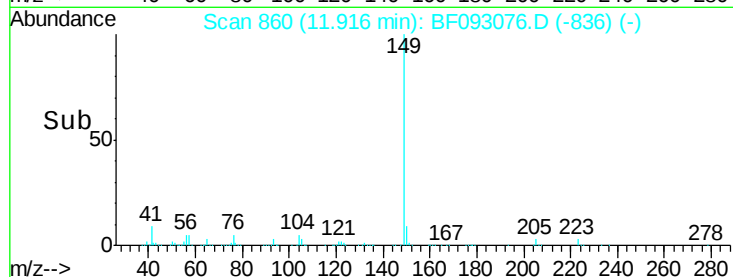
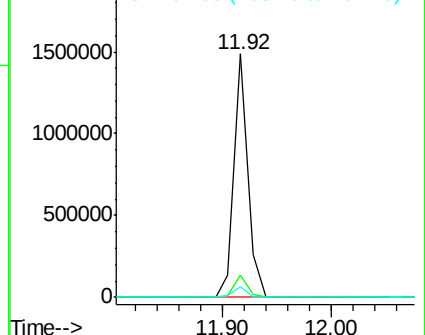
104 4.6 4.6 7.0#



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: 36.70 ng

RT: 12.57 min Scan# 917

Delta R.T. -0.02 min

Lab File: BF093076.D

Acq: 22 Feb 2017 15:39

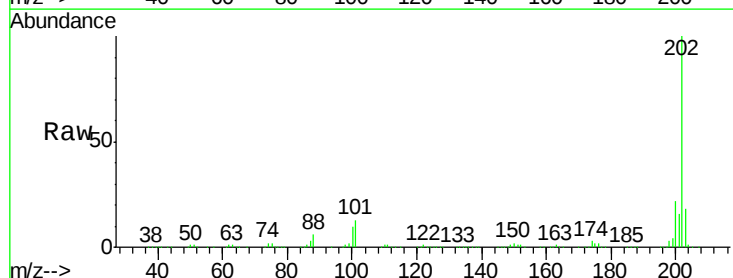
Tgt Ion:202 Resp: 1225872

Ion Ratio Lower Upper

202 100

101 12.9 0.0 34.6

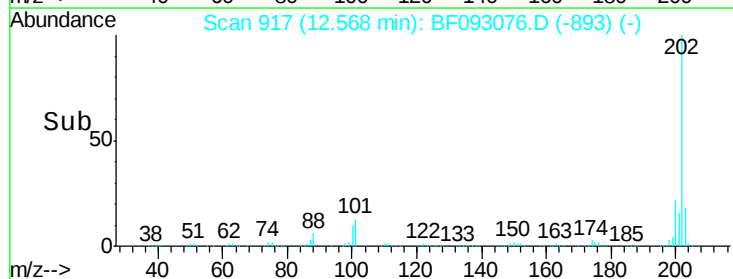
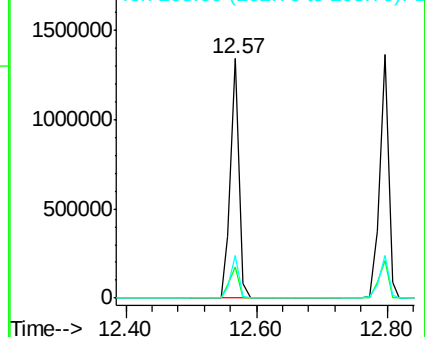
203 17.8 0.0 38.7

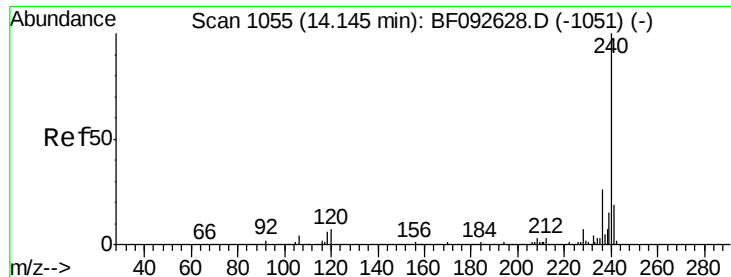


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.00 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF093076.D

Acq: 22 Feb 2017 15:39

Instrument :

BNA_F

ClientSampleId :

PB97102BS

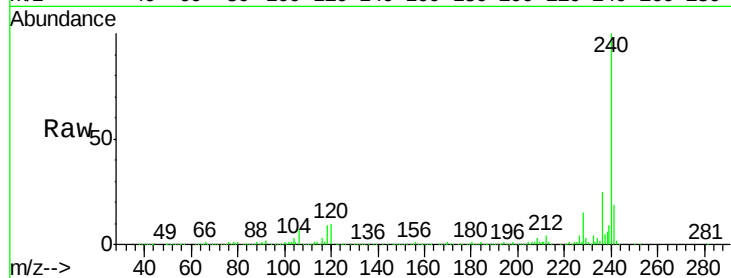
Tgt Ion:240 Resp: 495905

Ion Ratio Lower Upper

240 100

120 10.0 12.9 19.3#

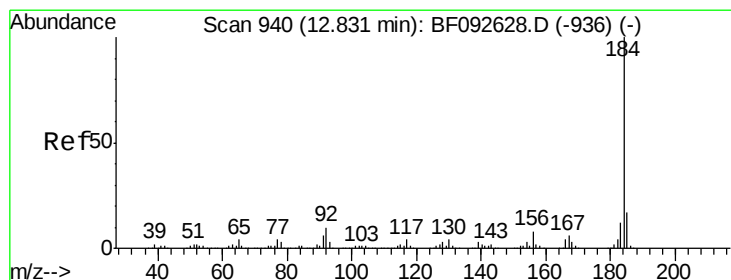
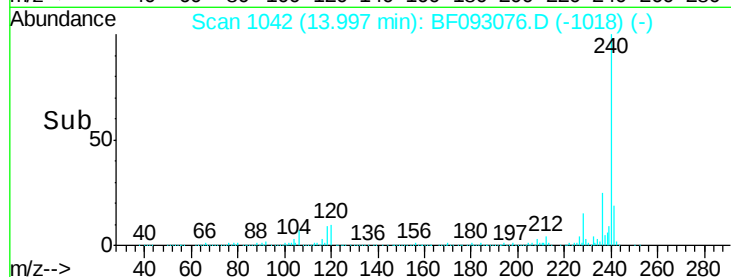
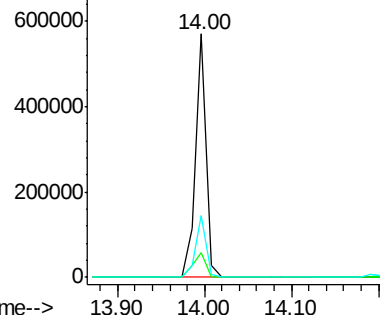
236 25.4 20.9 31.3



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: 16.05 ng

RT: 12.69 min Scan# 928

Delta R.T. -0.02 min

Lab File: BF093076.D

Acq: 22 Feb 2017 15:39

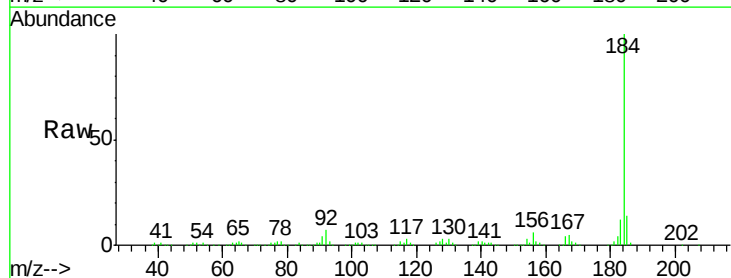
Tgt Ion:184 Resp: 339188

Ion Ratio Lower Upper

184 100

185 13.8 13.4 20.0

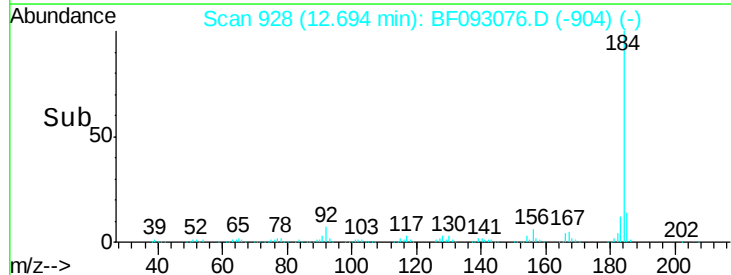
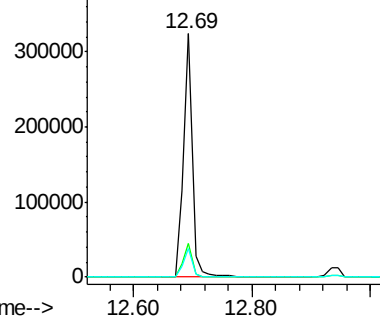
183 11.7 9.2 13.8

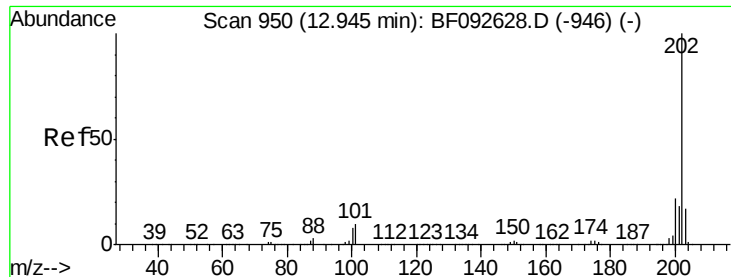


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



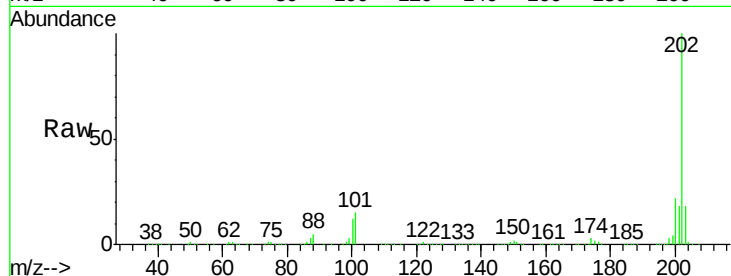


#77
 Pyrene
 Concen: 34.17 ng
 RT: 12.80 min Scan# 937
 Delta R.T. -0.02 min
 Lab File: BF093076.D
 Acq: 22 Feb 2017 15:39

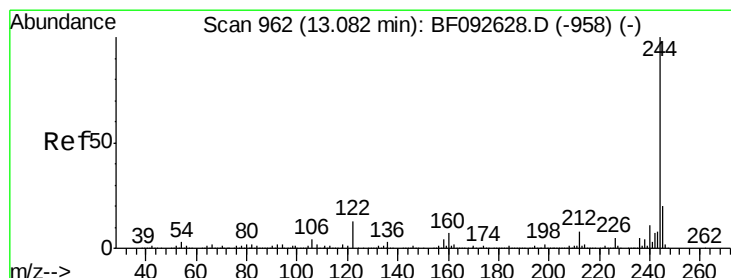
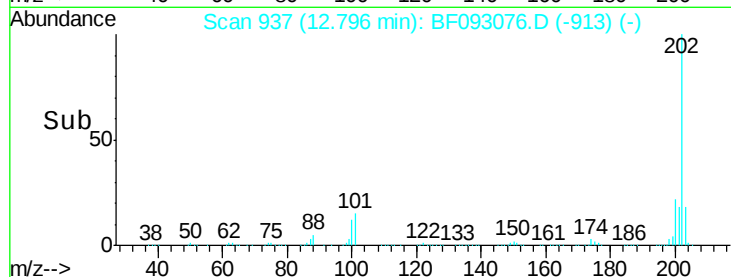
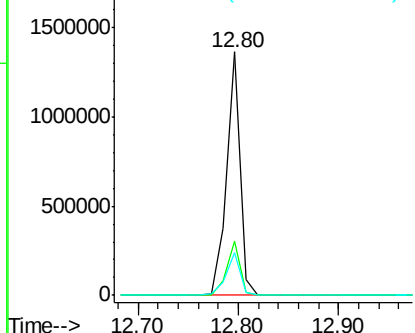
Instrument :
 BNA_F
 ClientSampleId :
 PB97102BS

Tgt Ion: 202 Resp: 1267954

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.7	26.5
203	17.6	14.7	22.1



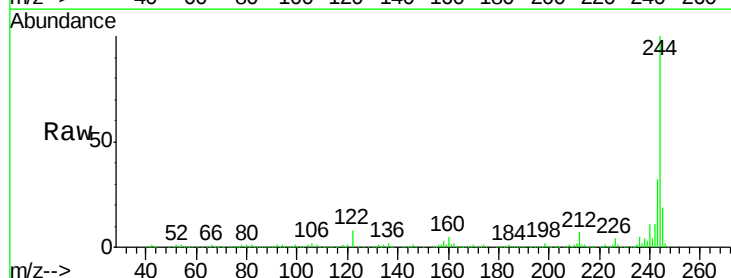
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E



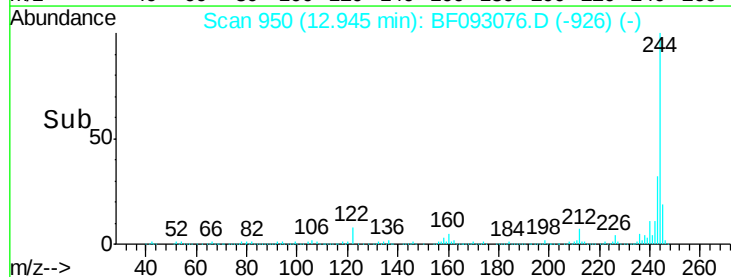
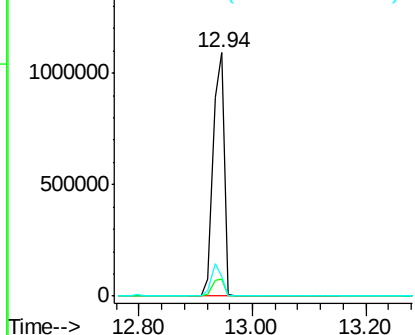
#78
 Terphenyl-d14
 Concen: 67.73 ng
 RT: 12.94 min Scan# 950
 Delta R.T. -0.02 min
 Lab File: BF093076.D
 Acq: 22 Feb 2017 15:39

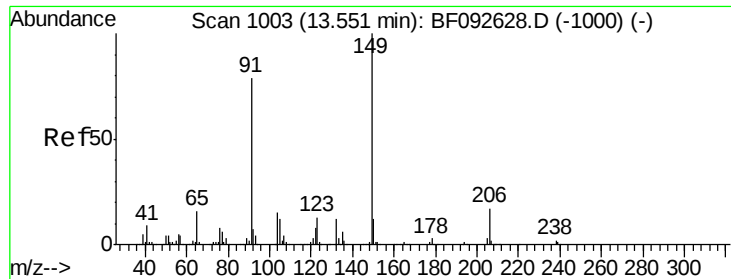
Tgt Ion: 244 Resp: 1429506

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.2	9.2
122	8.0	11.4	17.2



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: 40.21 ng

RT: 13.41 min Scan# 991

Delta R.T. -0.02 min

Lab File: BF093076.D

Acq: 22 Feb 2017 15:39

Instrument :

BNA_F

ClientSampleId :

PB97102BS

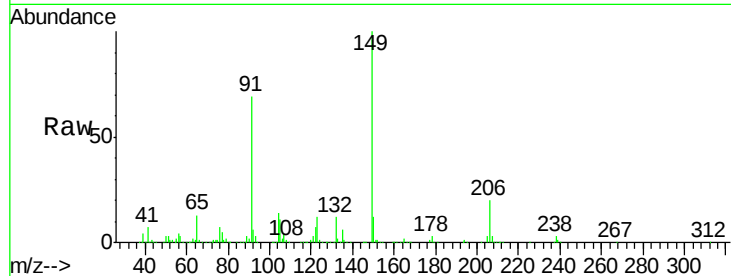
Tgt Ion:149 Resp: 605968

Ion Ratio Lower Upper

149 100

91 69.5 63.9 95.9

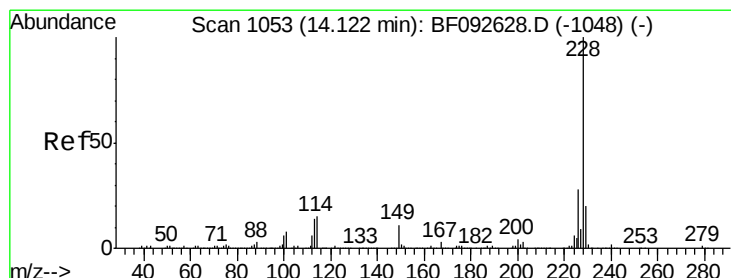
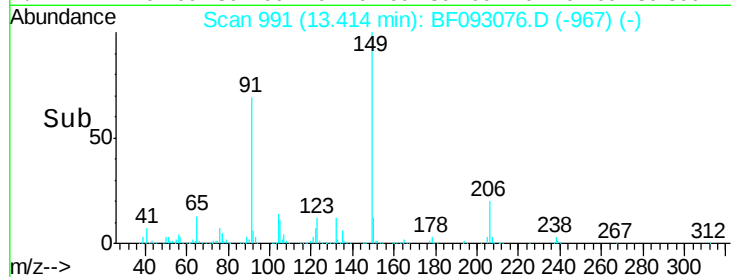
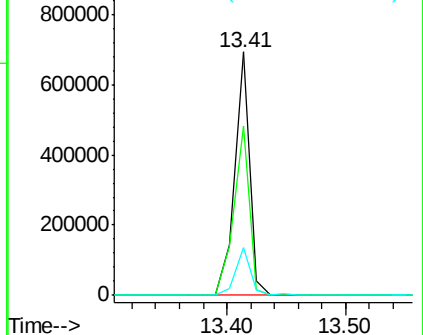
206 19.8 14.6 21.8



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: 33.14 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.02 min

Lab File: BF093076.D

Acq: 22 Feb 2017 15:39

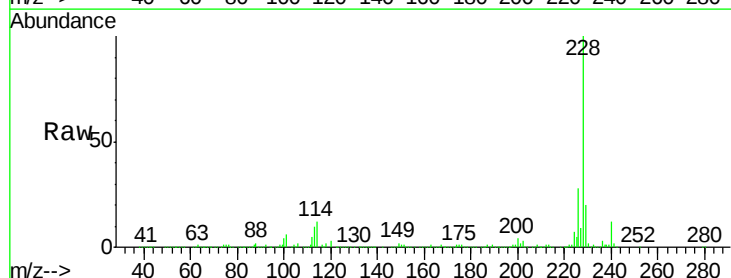
Tgt Ion:228 Resp: 1005028

Ion Ratio Lower Upper

228 100

226 27.8 22.4 33.6

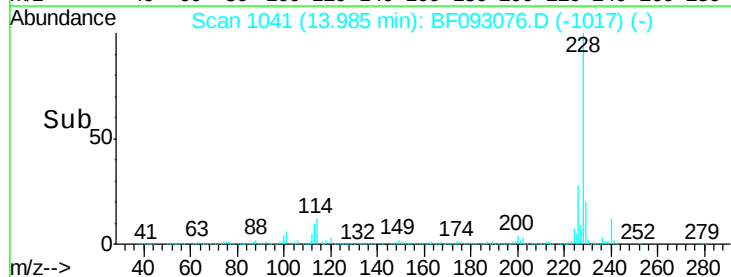
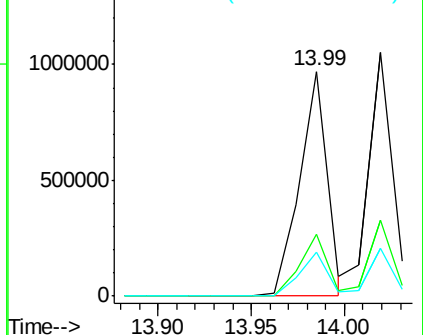
229 19.7 16.2 24.4

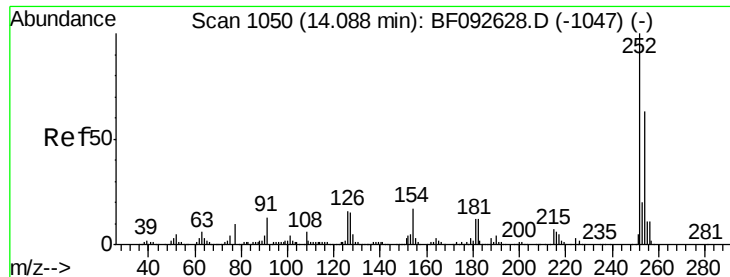


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

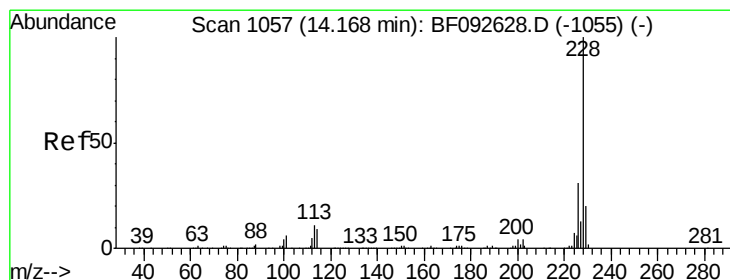
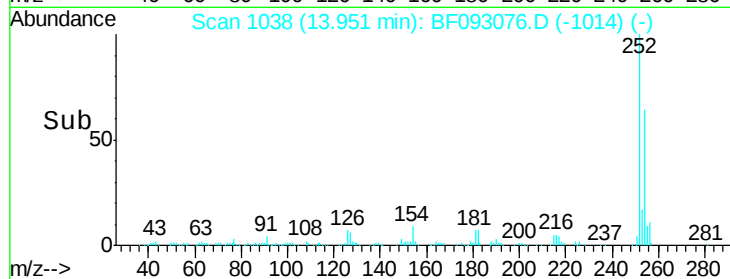
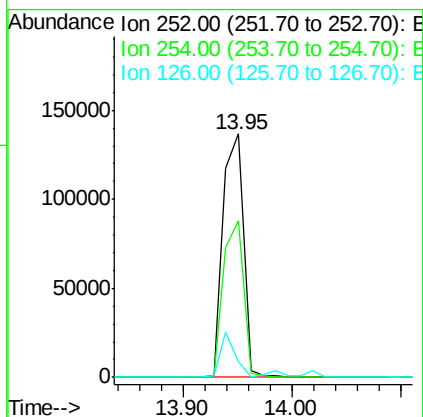
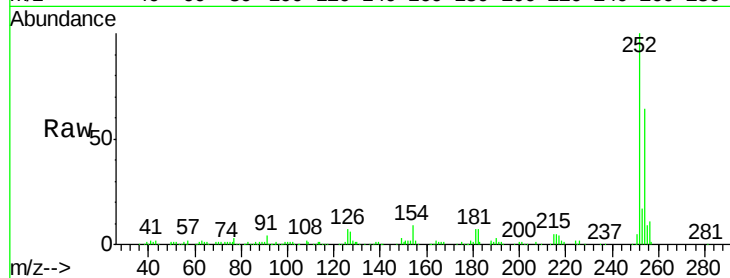




#81
 3,3'-Dichlorobenzidine
 Concen: 16.60 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BF093076.D
 Acq: 22 Feb 2017 15:39

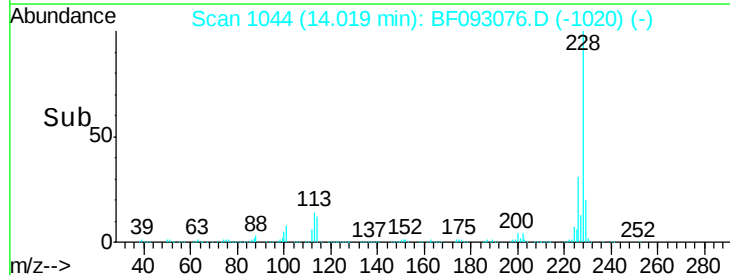
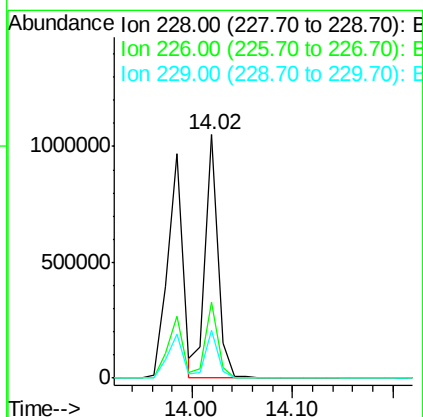
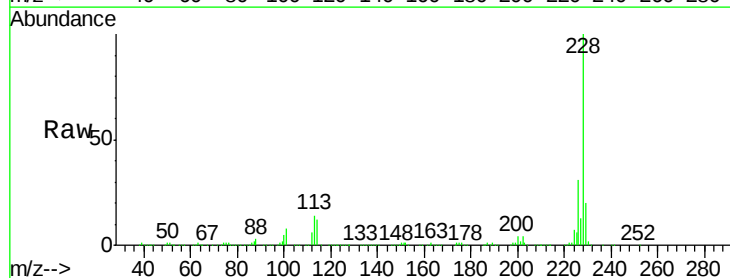
Instrument :
 BNA_F
 ClientSampleId :
 PB97102BS

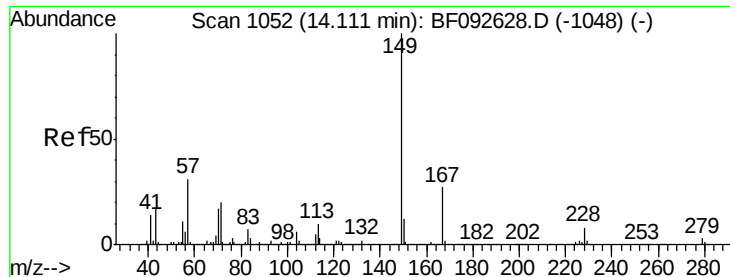
Tgt Ion:252 Resp: 179522
 Ion Ratio Lower Upper
 252 100
 254 64.5 52.3 78.5
 126 6.7 13.6 20.4#



#82
 Chrysene
 Concen: 32.84 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BF093076.D
 Acq: 22 Feb 2017 15:39

Tgt Ion:228 Resp: 932620
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.4 38.0
 229 19.7 16.2 24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.36 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.02 min

Lab File: BF093076.D

Acq: 22 Feb 2017 15:39

Instrument :

BNA_F

ClientSampleId :

PB97102BS

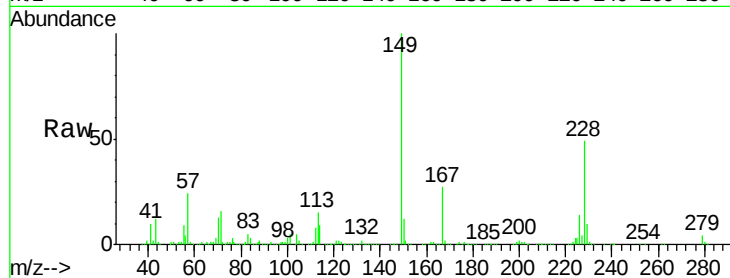
Tgt Ion:149 Resp: 790695

Ion Ratio Lower Upper

149 100

167 26.7 20.2 30.4

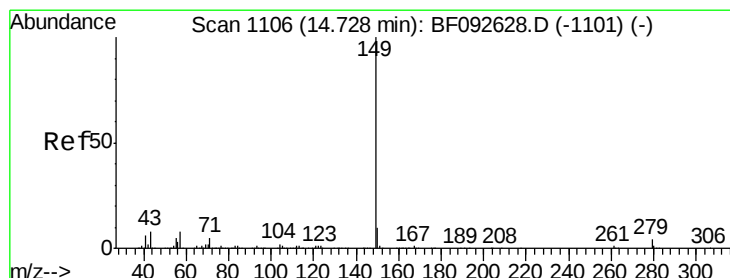
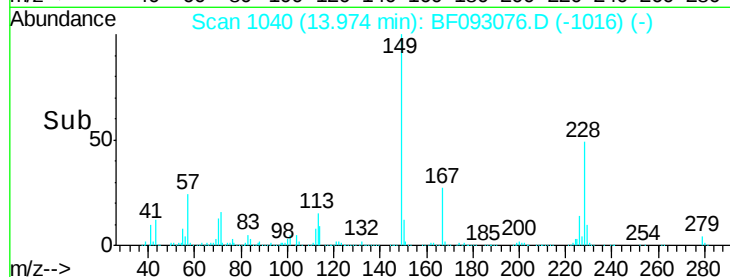
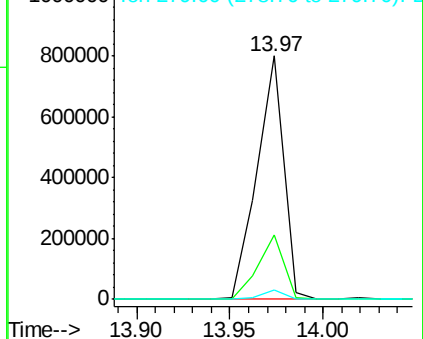
279 3.8 1.8 2.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 38.64 ng

RT: 14.58 min Scan# 1093

Delta R.T. -0.02 min

Lab File: BF093076.D

Acq: 22 Feb 2017 15:39

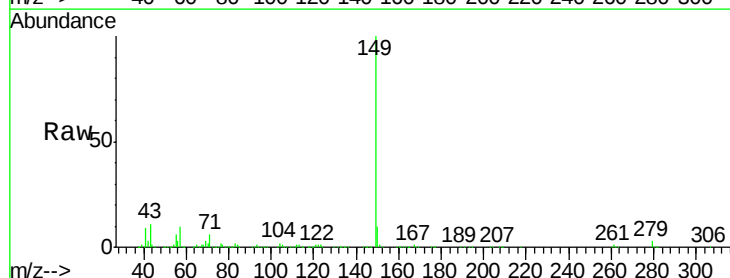
Tgt Ion:149 Resp: 1296703

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

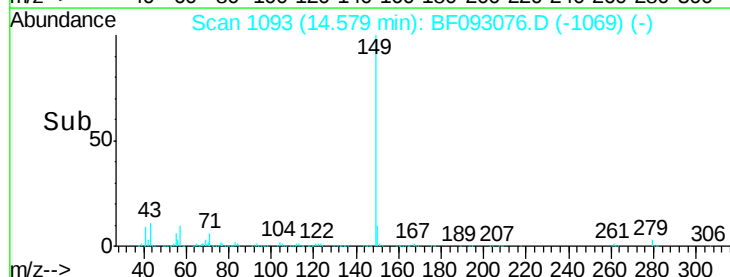
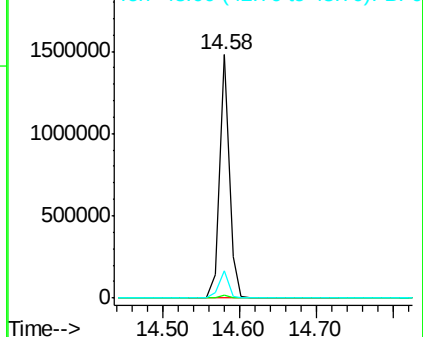
43 11.4 8.9 13.3

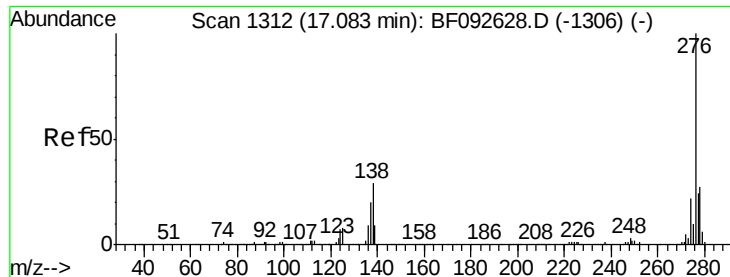


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

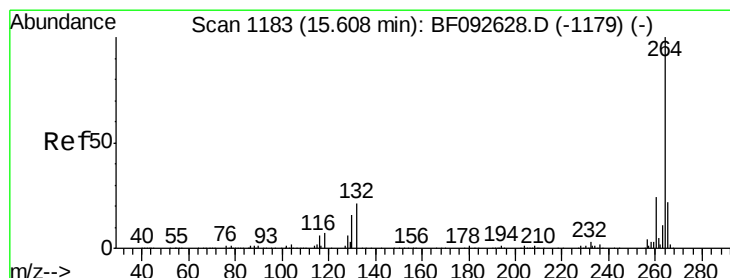
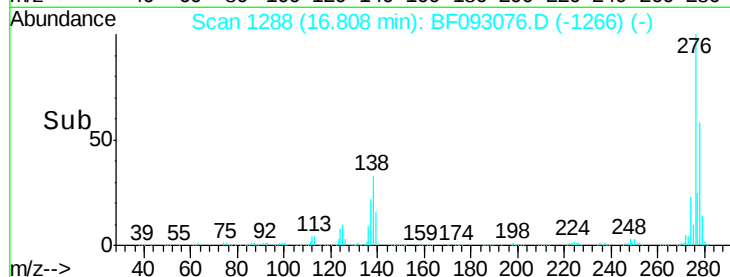
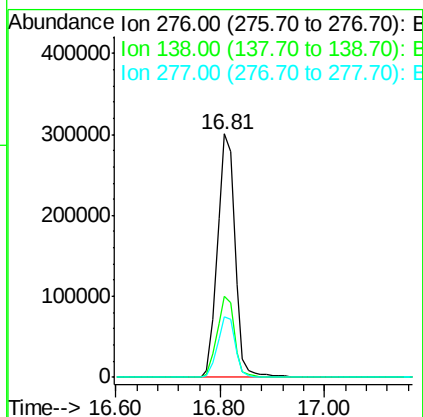
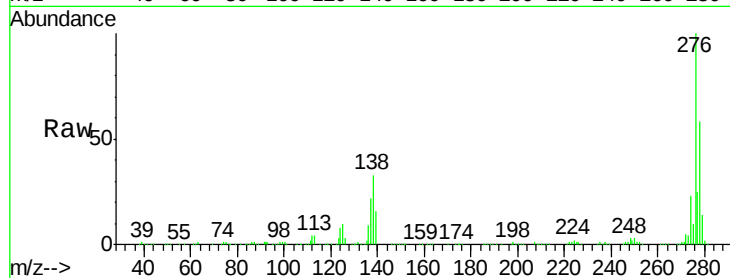




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 32.12 ng
 RT: 16.81 min Scan# 1288
 Delta R.T. -0.05 min
 Lab File: BF093076.D
 Acq: 22 Feb 2017 15:39

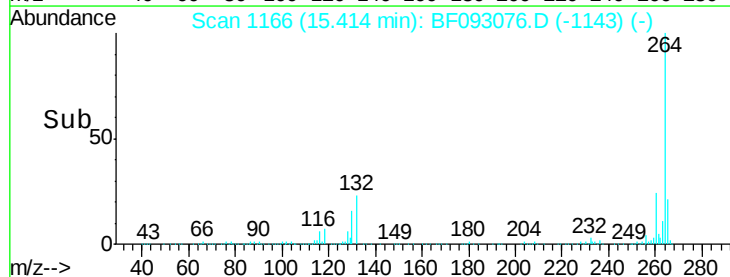
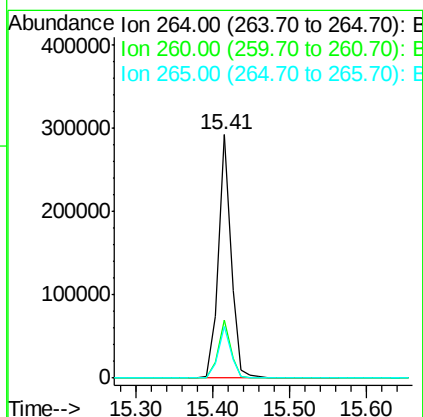
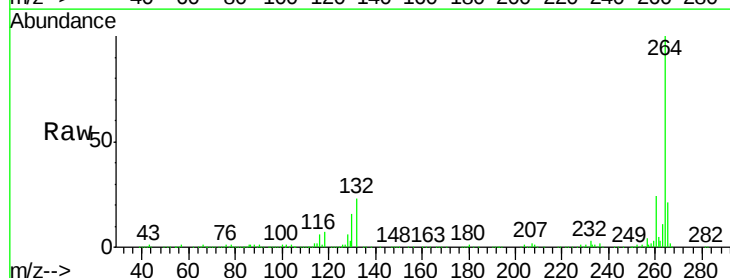
Instrument :
 BNA_F
 ClientSampleId :
 PB97102BS

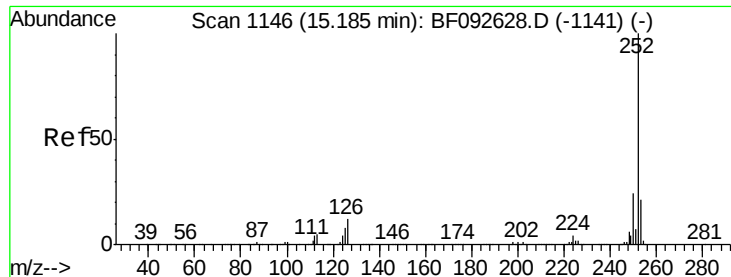
Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.2	21.8	32.6#
277	24.9	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. -0.03 min
 Lab File: BF093076.D
 Acq: 22 Feb 2017 15:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.4	17.4	26.0

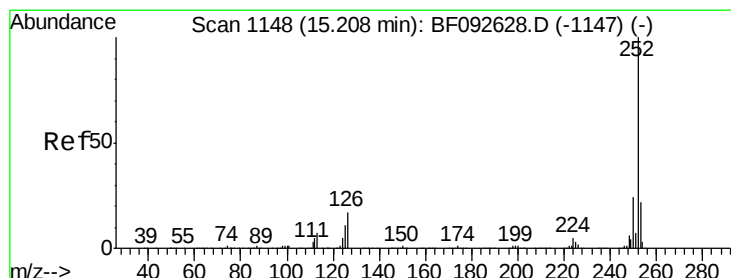
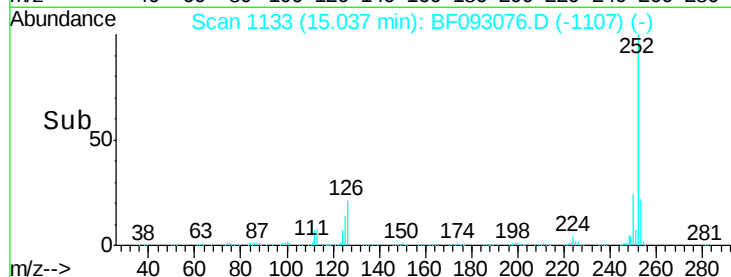
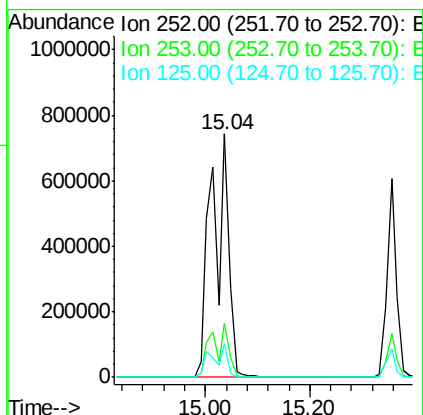
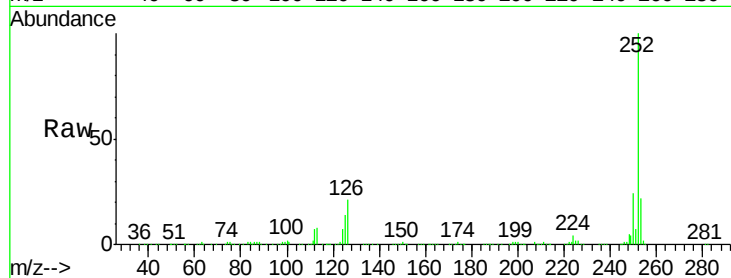




#87
Benzo(b)fluoranthene
Concen: 75.75 ng
RT: 15.04 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BF093076.D
Acq: 22 Feb 2017 15:39

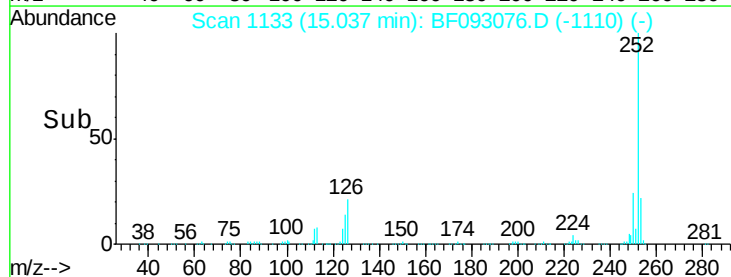
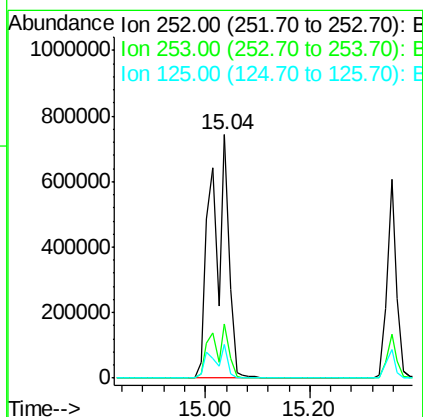
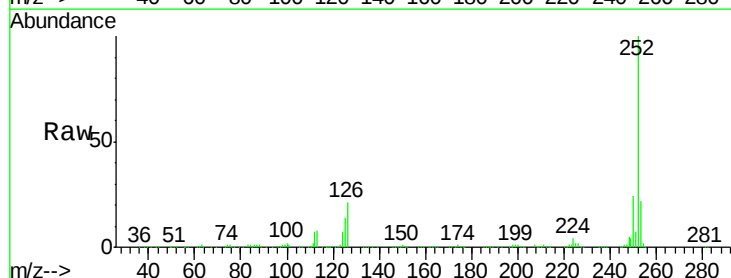
Instrument :
BNA_F
ClientSampleId :
PB97102BS

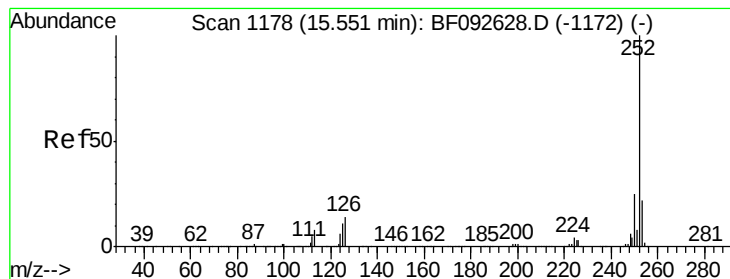
Tgt Ion:252 Resp: 1688179
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.4
125 14.1 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 87.73 ng
RT: 15.04 min Scan# 1133
Delta R.T. -0.03 min
Lab File: BF093076.D
Acq: 22 Feb 2017 15:39

Tgt Ion:252 Resp: 1688179
Ion Ratio Lower Upper
252 100
253 22.0 18.5 27.7
125 14.1 8.9 13.3#





#89

Benzo(a)pyrene

Concen: 39.73 ng

RT: 15.36 min Scan# 1161

Delta R.T. -0.03 min

Lab File: BF093076.D

Acq: 22 Feb 2017 15:39

Instrument :

BNA_F

ClientSampleId :

PB97102BS

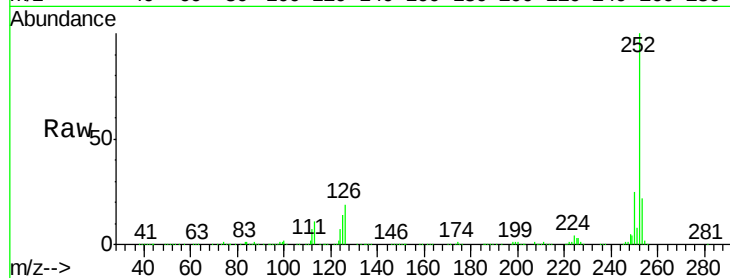
Tgt Ion: 252 Resp: 766018

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.2

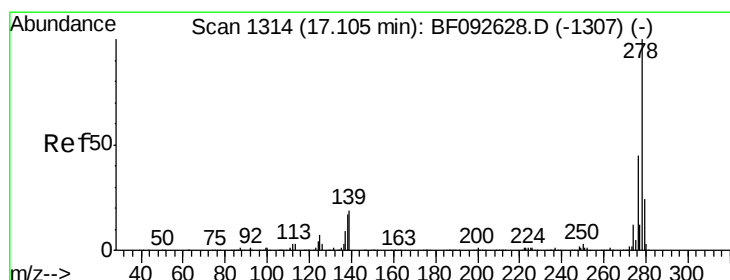
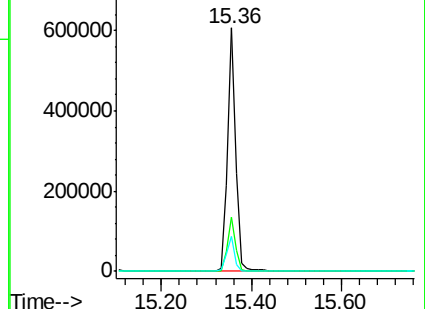
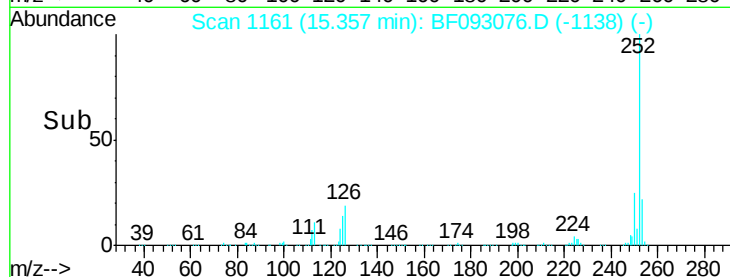
125 14.3 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 37.76 ng

RT: 16.82 min Scan# 1289

Delta R.T. -0.05 min

Lab File: BF093076.D

Acq: 22 Feb 2017 15:39

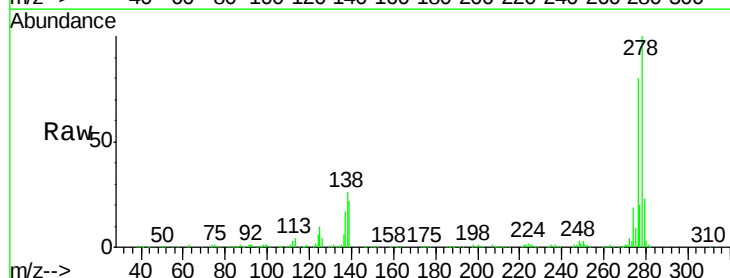
Tgt Ion: 278 Resp: 588341

Ion Ratio Lower Upper

278 100

139 21.7 14.8 22.2

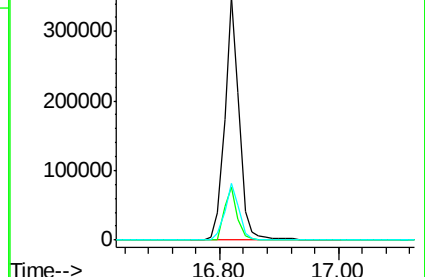
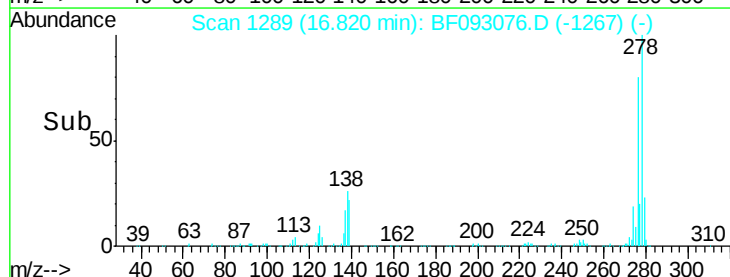
279 23.2 19.8 29.6

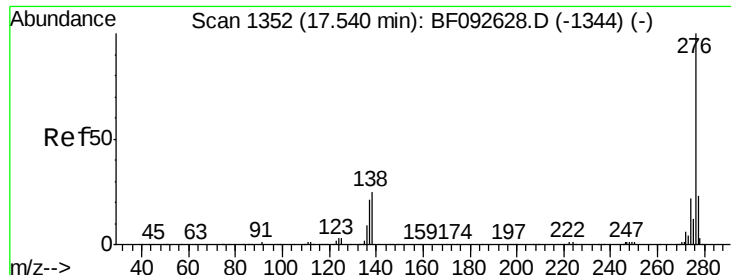


Abundance Ion 278.00 (277.70 to 278.70): E

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: 38.46 ng

RT: 17.23 min Scan# 1325

Delta R.T. -0.06 min

Lab File: BF093076.D

Acq: 22 Feb 2017 15:39

Instrument :

BNA_F

ClientSampleId :

PB97102BS

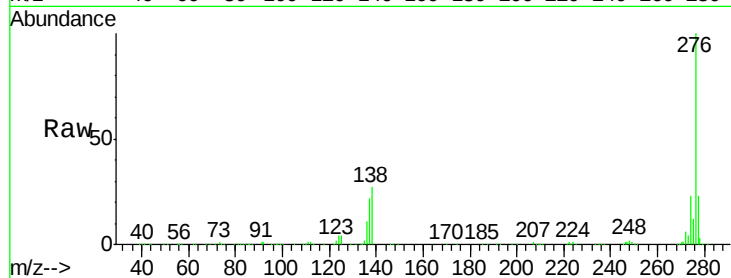
Tgt Ion:276 Resp: 605388

Ion Ratio Lower Upper

276 100

277 23.2 19.2 28.8

138 26.7 16.0 24.0#



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

