

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020817\
 Data File : BF092873.D
 Acq On : 9 Feb 2017 00:25
 Operator : SJ/MA
 Sample : I1751-04MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMPMSD

Quant Time: Feb 09 02:35:52 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 08 23:48:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	151352	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	583034	20.00	ng	-0.01
38) Acenaphthene-d10	9.94	164	333582	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	550405	20.00	ng	0.00
75) Chrysene-d12	14.07	240	470268	20.00	ng	0.00
86) Perylene-d12	15.51	264	363579	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1135603	128.72	ng	0.02
7) Phenol-d6	6.54	99	1368858	120.59	ng	0.01
23) Nitrobenzene-d5	7.47	82	1047757	100.07	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	384114	159.21	ng	0.01
44) 2-Fluorobiphenyl	9.26	172	1931015	104.87	ng	0.00
78) Terphenyl-d14	13.01	244	1812475	90.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	181508	38.08	ng	# 72
3) Pyridine	3.38	79	306305	25.27	ng	89
4) n-Nitrosodimethylamine	3.31	42	259982	45.68	ng	89
6) Aniline	6.57	93	213265	13.77	ng	# 60
8) 2-Chlorophenol	6.69	128	464058	47.68	ng	89
9) Benzaldehyde	6.44	77	132131	16.25	ng	92
10) Phenol	6.56	94	506133	38.11	ng	79
11) bis(2-Chloroethyl)ether	6.64	93	461122	43.50	ng	91
12) 1,3-Dichlorobenzene	6.84	146	546283	47.92	ng	97
13) 1,4-Dichlorobenzene	6.91	146	520481	45.11	ng	99
14) 1,2-Dichlorobenzene	7.07	146	510099	46.24	ng	97
15) Benzyl Alcohol	7.05	79	417045	49.63	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.18	45	870855	47.29	ng	95
17) 2-Methylphenol	7.16	107	399384	47.83	ng	97
18) Hexachloroethane	7.41	117	183403	46.57	ng	92
19) n-Nitroso-di-n-propylamine	7.32	70	357717	49.51	ng	# 97
20) 3+4-Methylphenols	7.32	107	476034	47.68	ng	# 86
22) Acetophenone	7.31	105	622413	46.76	ng	# 94
24) Nitrobenzene	7.48	77	494587	46.01	ng	100
25) Isophorone	7.72	82	975445	50.00	ng	95
26) 2-Nitrophenol	7.80	139	275372	53.88	ng	94
27) 2,4-Dimethylphenol	7.85	122	483627	53.89	ng	95
28) bis(2-Chloroethoxy)methane	7.94	93	666155	51.56	ng	99
29) 2,4-Dichlorophenol	8.04	162	426866	51.00	ng	88
30) 1,2,4-Trichlorobenzene	8.12	180	428029	47.45	ng	94
31) Naphthalene	8.20	128	1316945	44.56	ng	99
32) Benzoic acid	7.98	122	239620	47.25	ng	90
33) 4-Chloroaniline	8.26	127	97157	8.38	ng	98
34) Hexachlorobutadiene	8.32	225	228937	46.13	ng	99
35) Caprolactam	8.64	113	72154	27.40	ng	# 44
36) 4-Chloro-3-methylphenol	8.75	107	466325	53.44	ng	95
37) 2-Methylnaphthalene	8.90	142	1010357	53.24	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	405284	43.28	ng	100
40) Hexachlorocyclopentadiene	9.05	237	341597	80.86	ng	96

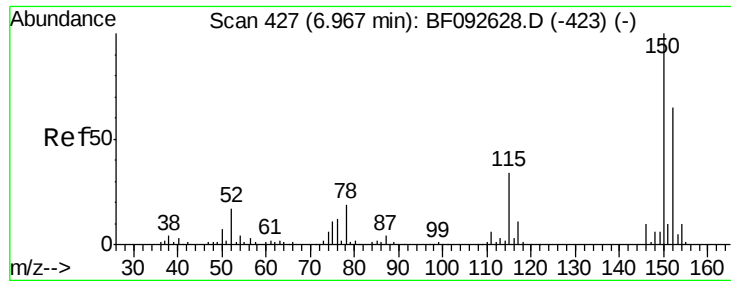
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	310128	50.40	ng	92
43) 2,4,5-Trichlorophenol	9.22	196	333696	49.50	ng	95
45) 1,1'-Biphenyl	9.36	154	1112676	46.06	ng	96
46) 2-Chloronaphthalene	9.39	162	971273	51.40	ng	97
47) 2-Nitroaniline	9.48	65	268565	42.27	ng	98
48) Acenaphthylene	9.80	152	1437102	44.03	ng	99
49) Dimethylphthalate	9.66	163	1075668	47.87	ng	98
50) 2,6-Dinitrotoluene	9.73	165	264952	54.60	ng	# 79
51) Acenaphthene	9.97	154	878573	45.02	ng	95
52) 3-Nitroaniline	9.89	138	59457	10.71	ng	87
53) 2,4-Dinitrophenol	10.01	184	248069	99.28	ng	# 72
54) Dibenzofuran	10.14	168	1232871	47.23	ng	96
55) 4-Nitrophenol	10.08	139	383450	95.87	ng	84
56) 2,4-Dinitrotoluene	10.13	165	306424	47.43	ng	96
57) Fluorene	10.49	166	936566	46.64	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.27	232	257672	57.30	ng	94
59) Diethylphthalate	10.36	149	1020087	48.17	ng	99
60) 4-Chlorophenyl-phenylether	10.48	204	417611	43.28	ng	93
61) 4-Nitroaniline	10.51	138	225263	39.61	ng	93
62) Azobenzene	10.64	77	1118991	51.15	ng	96
64) 4,6-Dinitro-2-methylphenol	10.54	198	192876	57.04	ng	89
65) n-Nitrosodiphenylamine	10.60	169	890494	50.65	ng	99
66) 4-Bromophenyl-phenylether	10.97	248	273750	47.61	ng	96
67) Hexachlorobenzene	11.04	284	292322	51.44	ng	98
68) Atrazine	11.13	200	242789	43.03	ng	98
69) Pentachlorophenol	11.23	266	297581	99.51	ng	96
70) Phenanthrene	11.45	178	1388763	44.04	ng	99
71) Anthracene	11.50	178	1658395	52.37	ng	98
72) Carbazole	11.65	167	1326535	43.82	ng	99
73) Di-n-butylphthalate	11.98	149	1766787	53.97	ng	# 97
74) Fluoranthene	12.64	202	1496368	46.00	ng	97
77) Pyrene	12.86	202	1515684	43.07	ng	99
79) Butylbenzylphthalate	13.48	149	782118	54.73	ng	87
80) Benzo(a)anthracene	14.05	228	1341199	46.63	ng	99
81) 3,3'-Dichlorobenzidine	14.02	252	182078	17.76	ng	# 95
82) Chrysene	14.09	228	1047376	38.89	ng	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	1040034	53.21	ng	# 95
84) Di-n-octyl phthalate	14.65	149	1719714	54.03	ng	99
85) Indeno(1,2,3-cd)pyrene	16.95	276	1110043	53.22	ng	95
87) Benzo(b)fluoranthene	15.09	252	1247488	52.13	ng	97
88) Benzo(k)fluoranthene	15.09	252	1247488	60.38	ng	98
89) Benzo(a)pyrene	15.45	252	1079790	52.16	ng	97
90) Dibenzo(a,h)anthracene	16.97	278	919564	54.96	ng	96
91) Benzo(g,h,i)perylene	17.38	276	937125	55.45	ng	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.00 min

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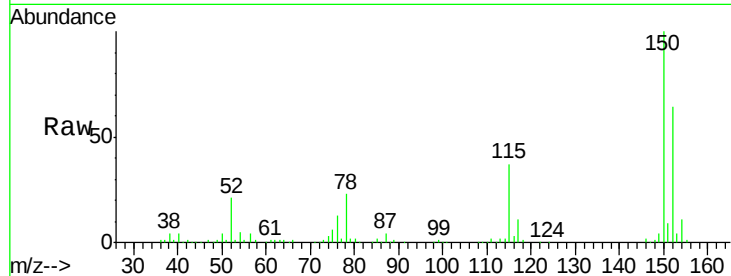
Tgt Ion:152 Resp: 151352

Ion Ratio Lower Upper

152 100

150 157.0 124.9 187.3

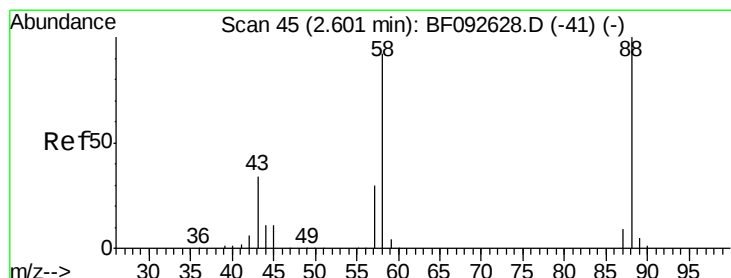
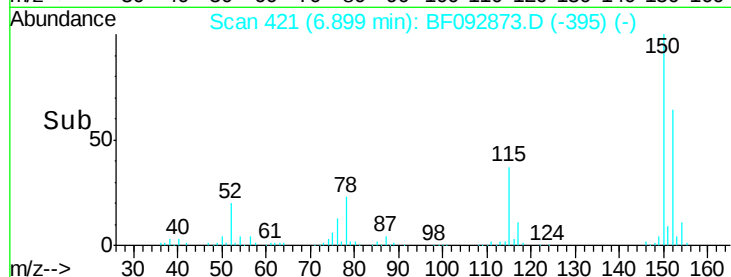
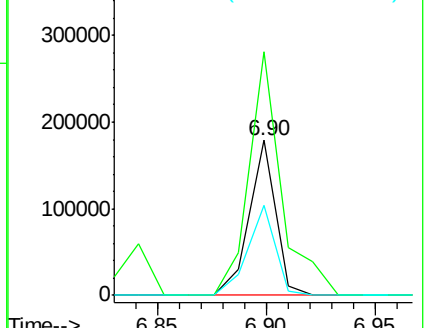
115 57.7 46.0 69.0



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: 38.08 ng

RT: 2.67 min Scan# 51

Delta R.T. 0.17 min

Lab File: BF092873.D

Acq: 9 Feb 2017 00:25

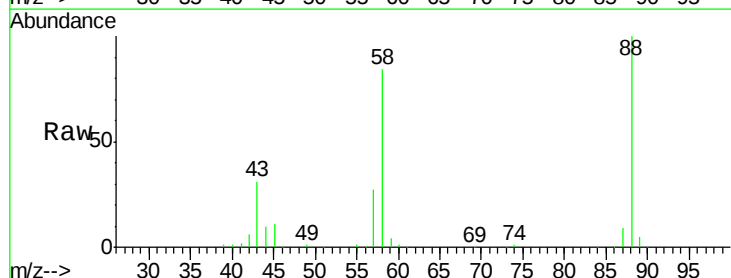
Tgt Ion: 88 Resp: 181508

Ion Ratio Lower Upper

88 100

58 87.8 57.8 86.8#

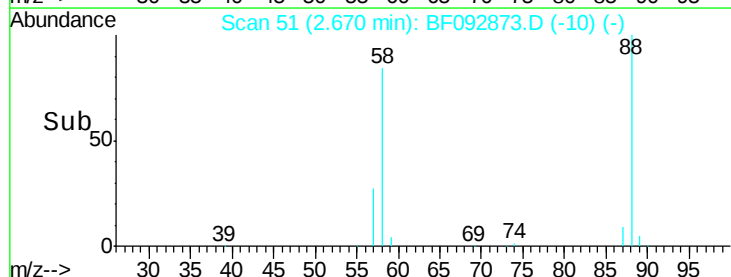
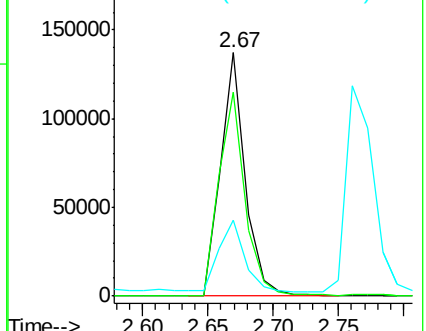
43 0.0 22.3 33.5#

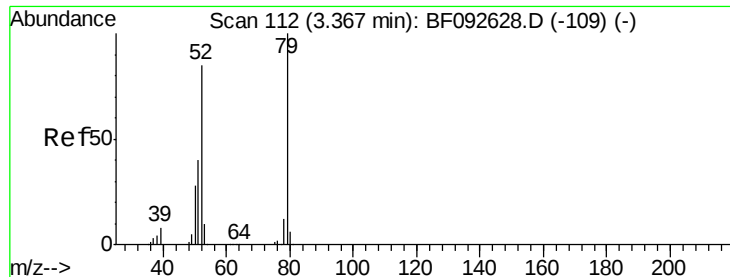


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 25.27 ng

RT: 3.38 min Scan# 113

Delta R.T. 0.16 min

Lab File: BF092873.D

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ROLL-OFF-COMPMSD

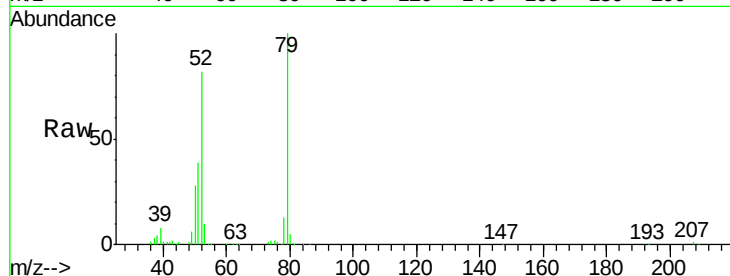
Tgt Ion: 79 Resp: 306305

Ion Ratio Lower Upper

79 100

52 82.0 57.1 85.7

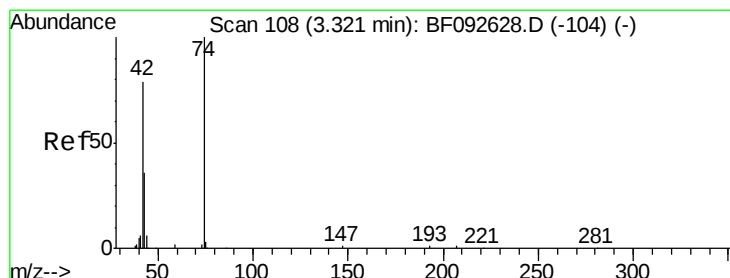
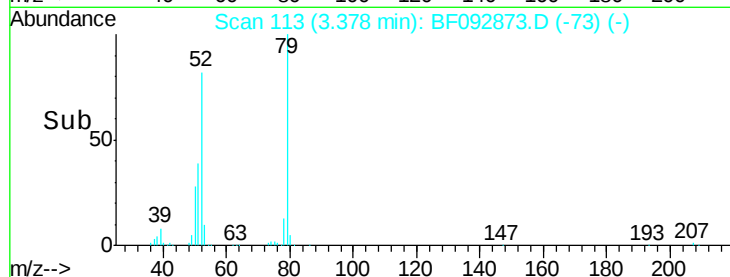
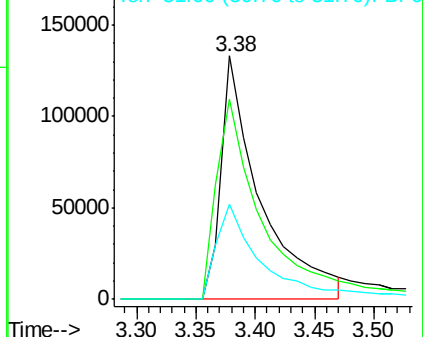
51 39.1 27.3 40.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 45.68 ng

RT: 3.31 min Scan# 107

Delta R.T. 0.13 min

Lab File: BF092873.D

Acq: 9 Feb 2017 00:25

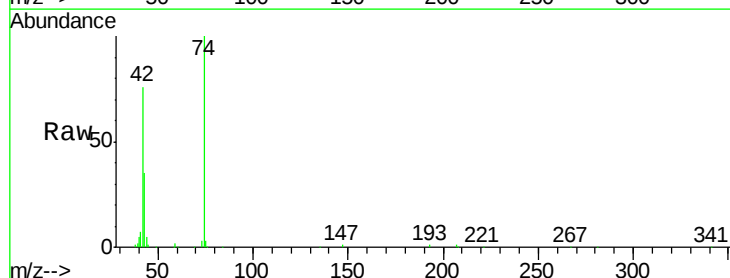
Tgt Ion: 42 Resp: 259982

Ion Ratio Lower Upper

42 100

74 131.5 117.0 175.4

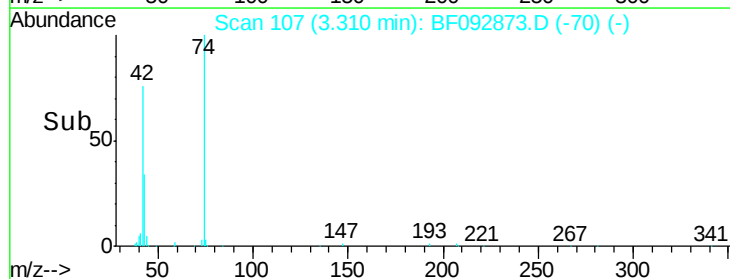
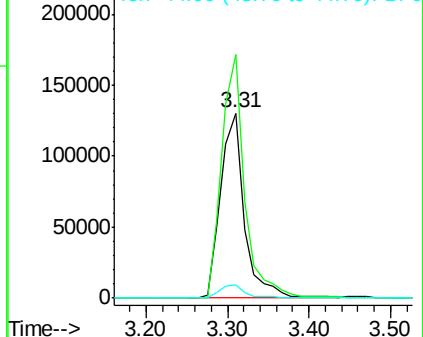
44 6.9 5.5 8.3



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 128.72 ng

RT: 5.52 min Scan# 300

Delta R.T. 0.02 min

Lab File: BF092873.D

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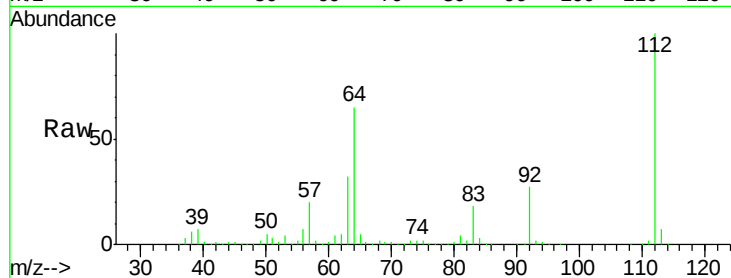
Tgt Ion: 112 Resp: 1135603

Ion Ratio Lower Upper

112 100

64 65.0 46.1 69.1

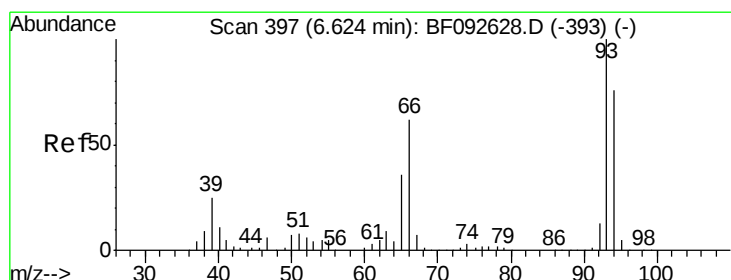
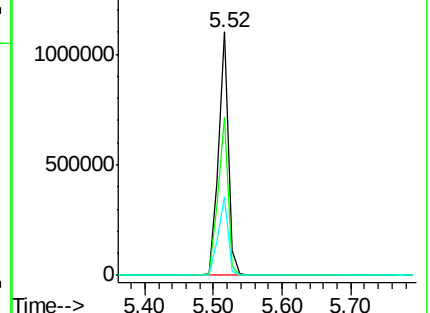
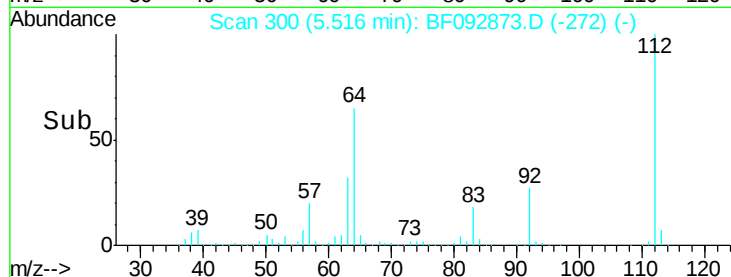
63 32.2 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 13.77 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.01 min

Lab File: BF092873.D

Acq: 9 Feb 2017 00:25

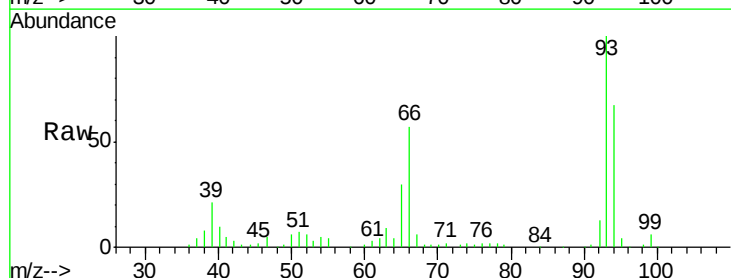
Tgt Ion: 93 Resp: 213265

Ion Ratio Lower Upper

93 100

66 56.5 76.2 114.2#

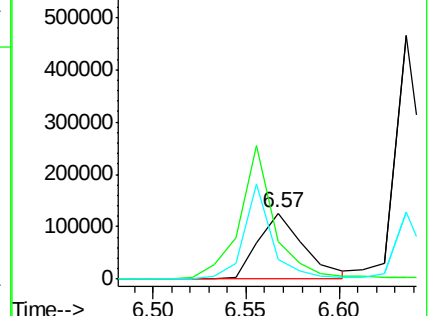
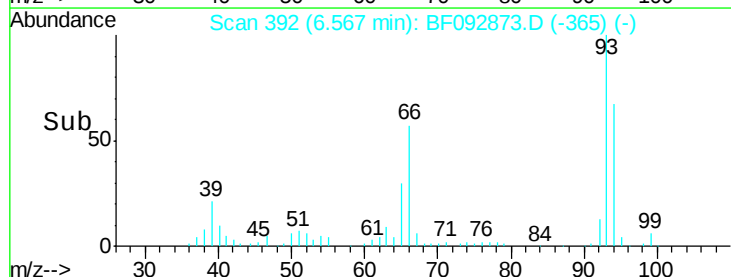
65 30.2 49.3 73.9#

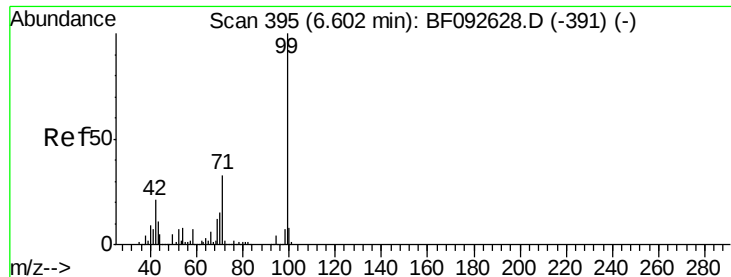


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 120.59 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.01 min

Lab File: BF092873.D

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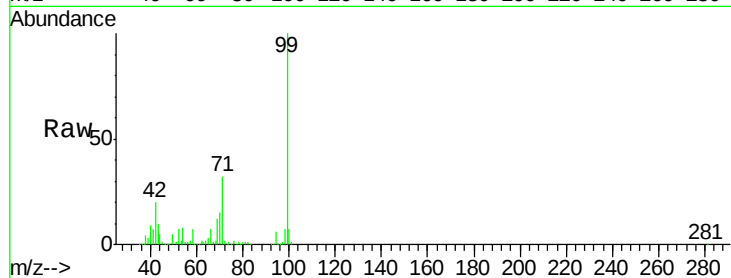
Tgt Ion: 99 Resp: 1368858

Ion Ratio Lower Upper

99 100

42 19.6 15.6 23.4

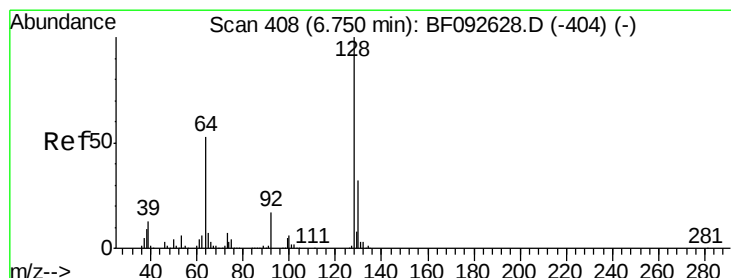
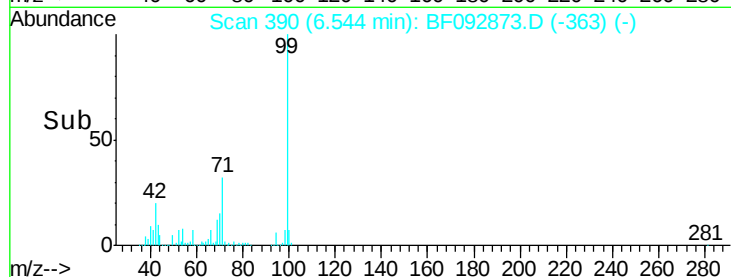
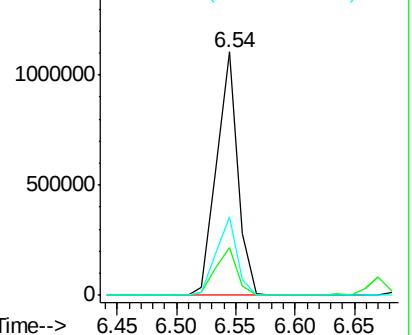
71 32.5 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 47.68 ng

RT: 6.69 min Scan# 403

Delta R.T. 0.01 min

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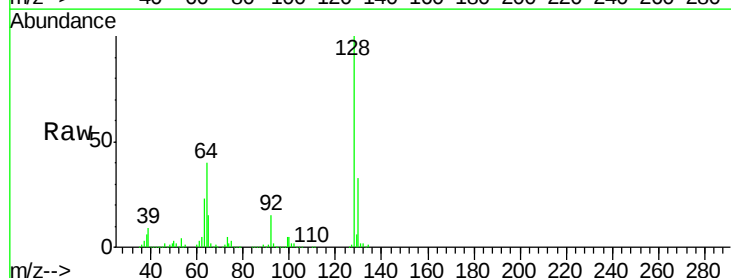
Tgt Ion: 128 Resp: 464058

Ion Ratio Lower Upper

128 100

130 33.0 12.3 52.3

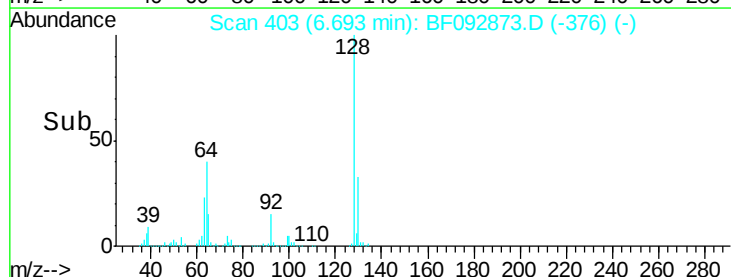
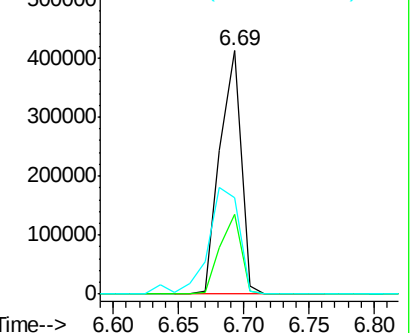
64 39.7 32.2 72.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

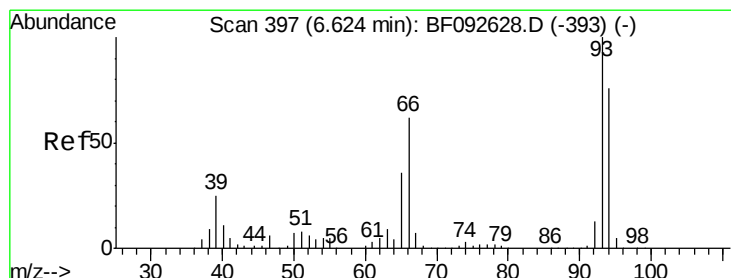
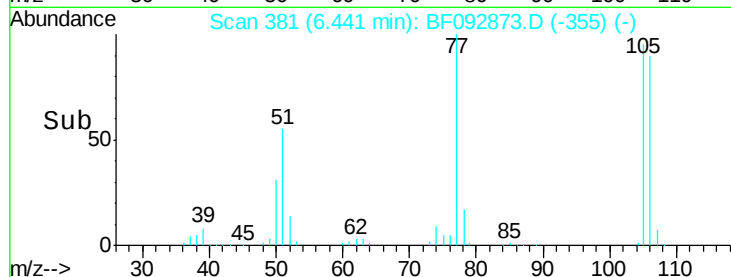
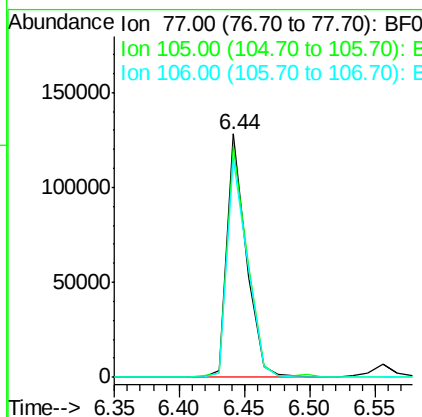
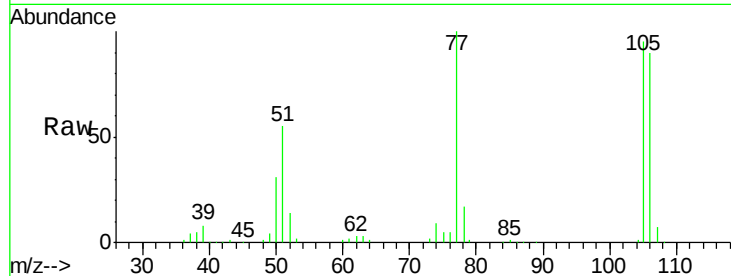




#9
Benzaldehyde
Concen: 16.25 ng
RT: 6.44 min Scan# 381
Delta R.T. -0.00 min
Lab File: BF092873.D
Acq: 9 Feb 2017 00:25

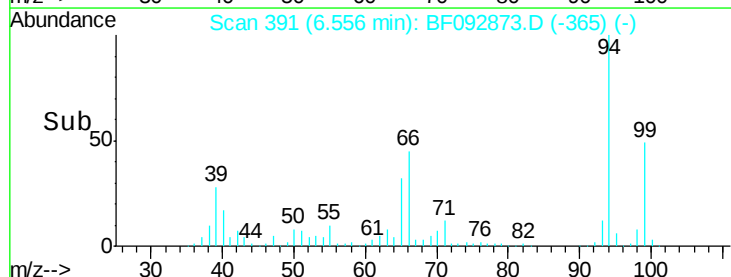
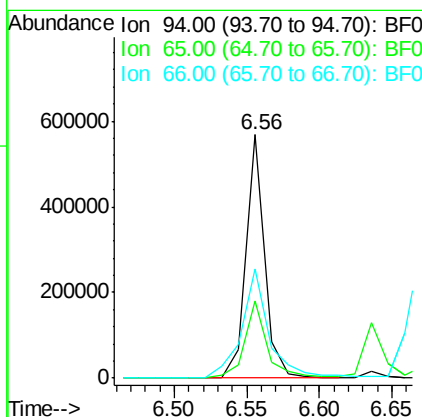
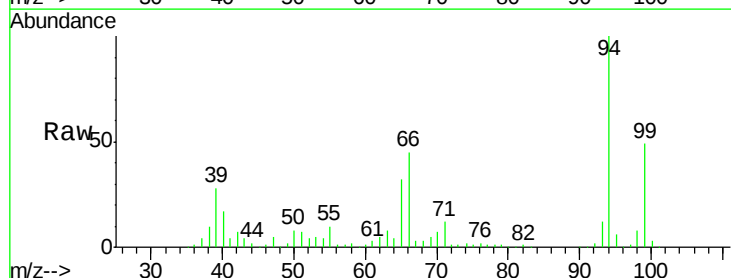
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMSD

Tgt Ion: 77 Resp: 132131
Ion Ratio Lower Upper
77 100
105 94.8 83.9 123.9
106 89.8 77.6 117.6



#10
Phenol
Concen: 38.11 ng
RT: 6.56 min Scan# 391
Delta R.T. -0.00 min
Lab File: BF092873.D
Acq: 9 Feb 2017 00:25

Tgt Ion: 94 Resp: 506133
Ion Ratio Lower Upper
94 100
65 31.9 21.4 61.4
66 44.6 44.0 84.0

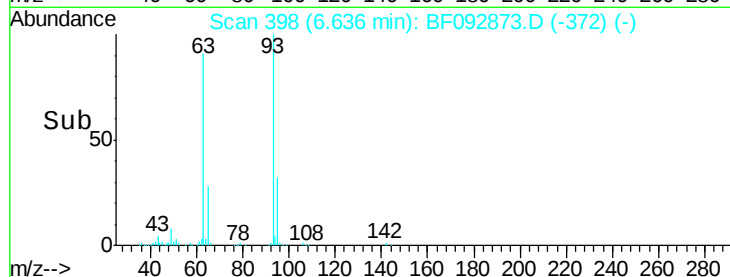
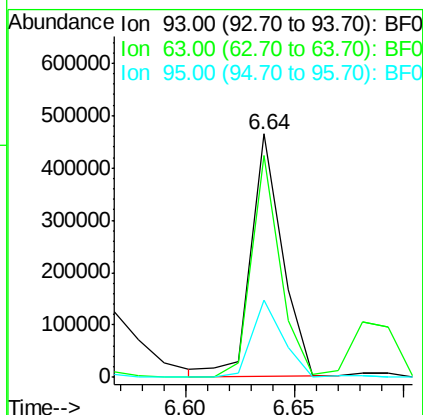
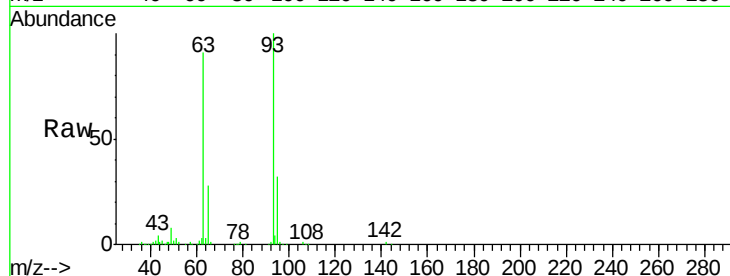




#11
 bis(2-Chloroethyl)ether
 Concen: 43.50 ng
 RT: 6.64 min Scan# 398
 Delta R.T. -0.00 min
 Lab File: BF092873.D
 Acq: 9 Feb 2017 00:25

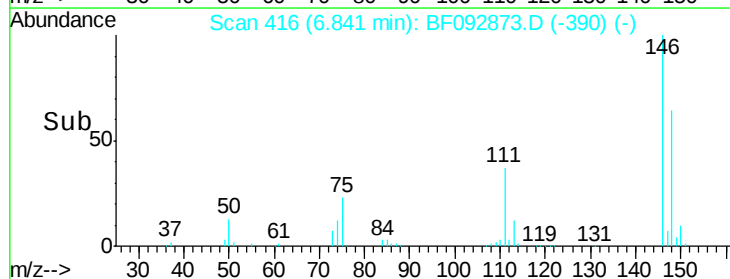
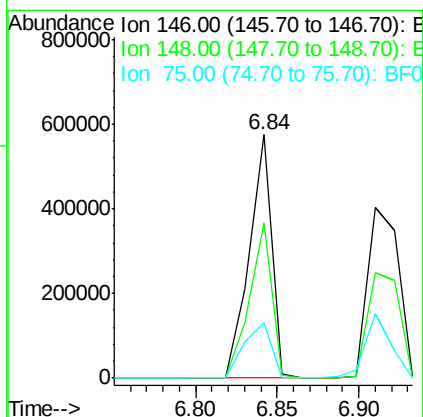
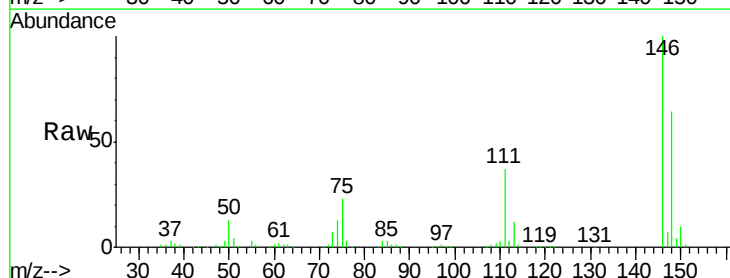
Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMPMSD

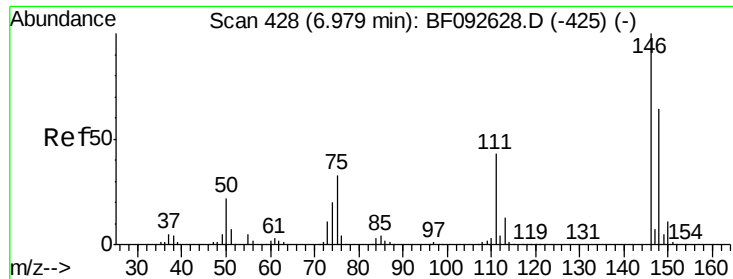
Tgt Ion: 93 Resp: 461122
 Ion Ratio Lower Upper
 93 100
 63 91.1 60.4 100.4
 95 31.6 12.8 52.8



#12
 1,3-Dichlorobenzene
 Concen: 47.92 ng
 RT: 6.84 min Scan# 416
 Delta R.T. -0.00 min
 Lab File: BF092873.D
 Acq: 9 Feb 2017 00:25

Tgt Ion: 146 Resp: 546283
 Ion Ratio Lower Upper
 146 100
 148 63.8 53.4 80.0
 75 22.8 18.5 27.7

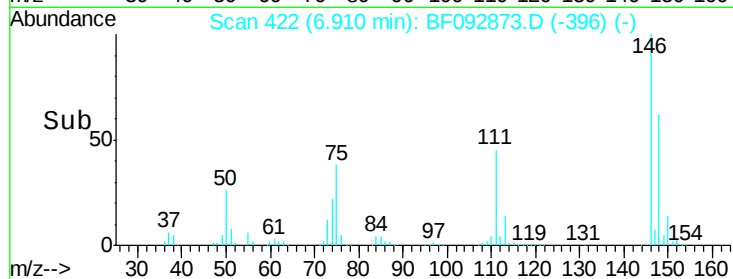
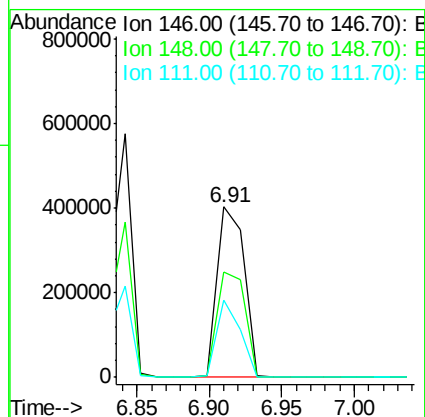
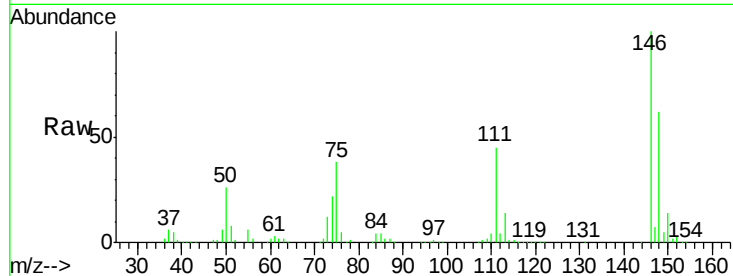




#13
 1,4-Dichlorobenzene
 Concen: 45.11 ng
 RT: 6.91 min Scan# 422
 Delta R.T. -0.00 min
 Lab File: BF092873.D
 Acq: 9 Feb 2017 00:25

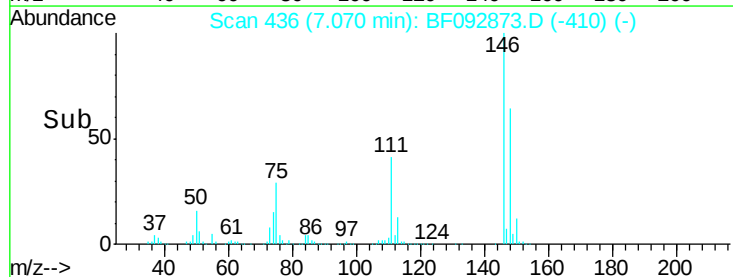
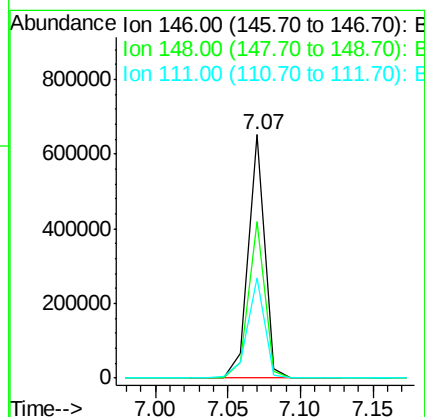
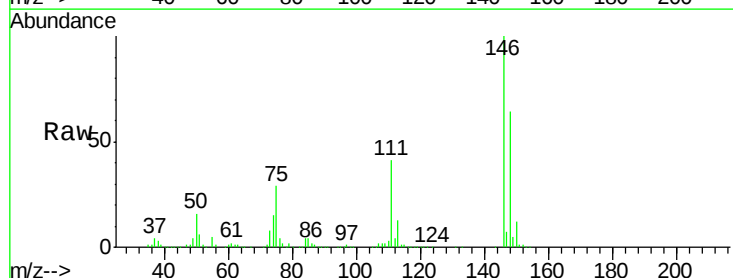
Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMPMSD

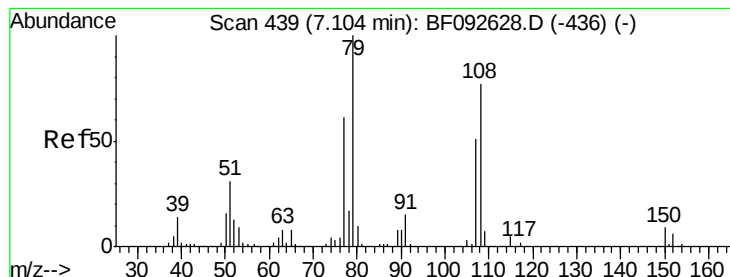
Tgt Ion:146 Resp: 520481
 Ion Ratio Lower Upper
 146 100
 148 62.3 50.6 76.0
 111 45.1 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 46.24 ng
 RT: 7.07 min Scan# 436
 Delta R.T. -0.00 min
 Lab File: BF092873.D
 Acq: 9 Feb 2017 00:25

Tgt Ion:146 Resp: 510099
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.2 78.2
 111 41.0 36.2 54.2





#15

Benzyl Alcohol

Concen: 49.63 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.00 min

Lab File: BF092873.D

Acq: 9 Feb 2017 00:25

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMSD

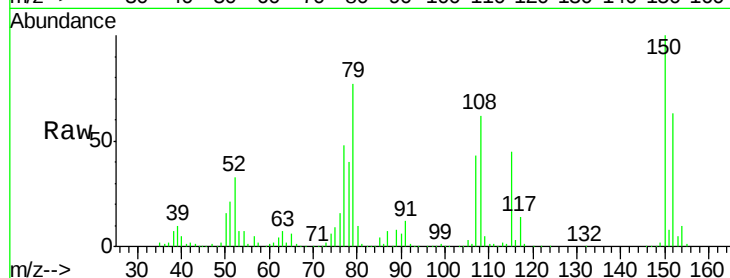
Tgt Ion: 79 Resp: 417045

Ion Ratio Lower Upper

79 100

108 80.8 61.4 92.0

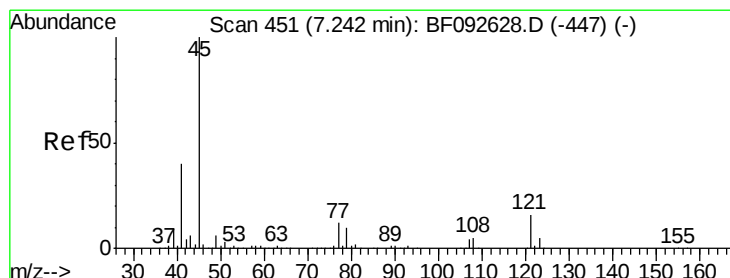
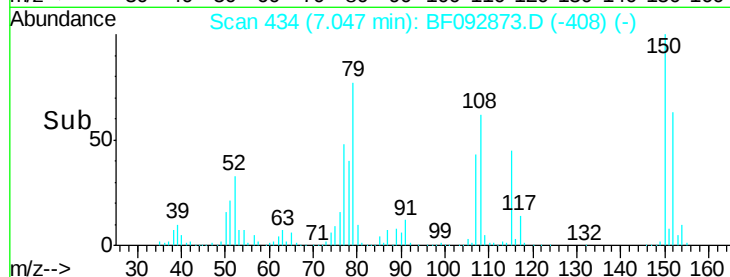
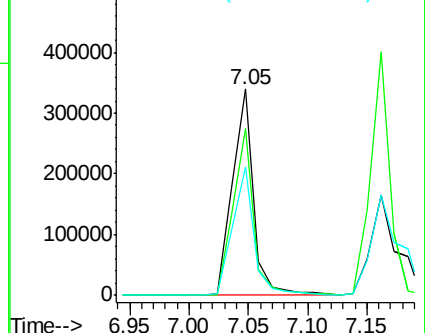
77 62.1 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.29 ng

RT: 7.18 min Scan# 446

Delta R.T. 0.01 min

Lab File: BF092873.D

Acq: 9 Feb 2017 00:25

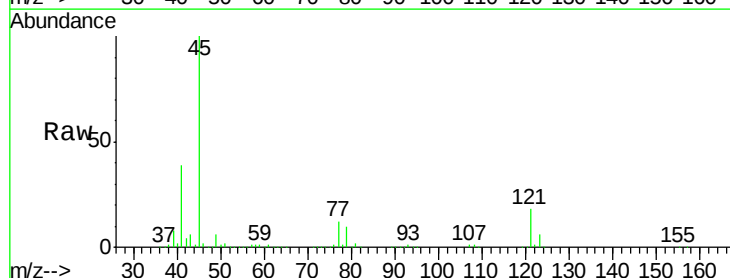
Tgt Ion: 45 Resp: 870855

Ion Ratio Lower Upper

45 100

77 11.8 0.0 34.6

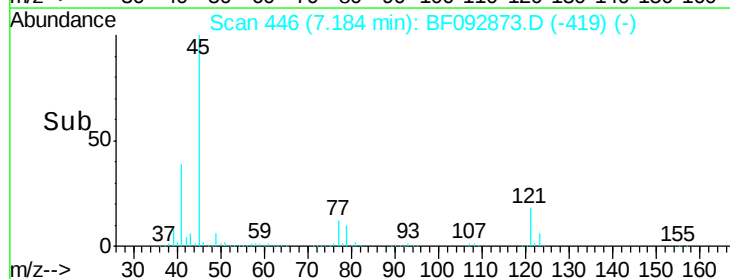
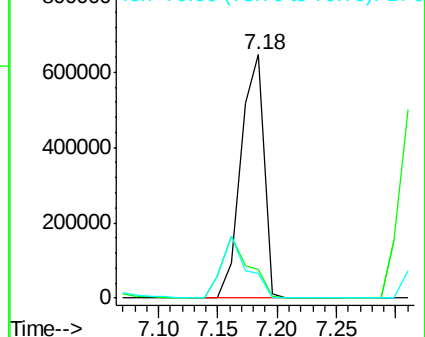
79 10.0 0.0 31.2

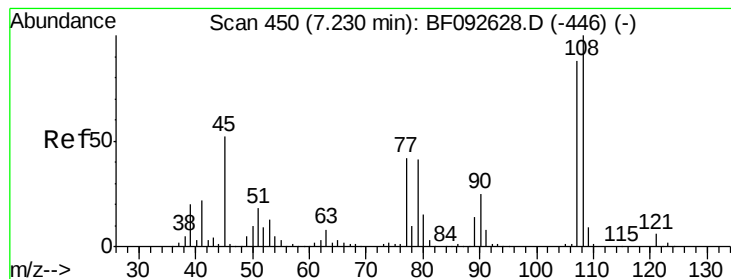


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 47.83 ng

RT: 7.16 min Scan# 444

Delta R.T. -0.00 min

Lab File: BF092873.D

Acq: 9 Feb 2017 00:25

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMSD

Tgt Ion:107 Resp: 399384

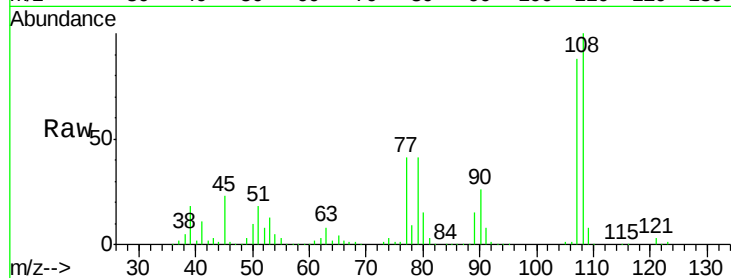
Ion Ratio Lower Upper

107 100

108 113.1 93.0 139.6

77 46.3 39.8 59.8

79 46.6 38.0 57.0

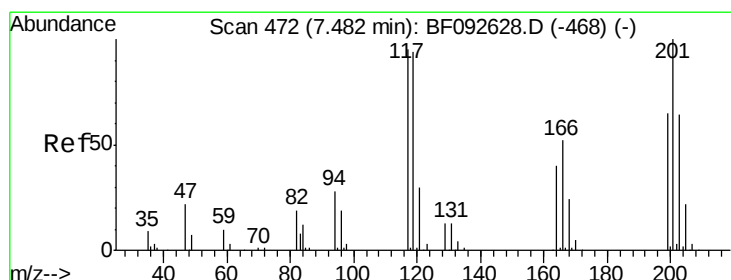
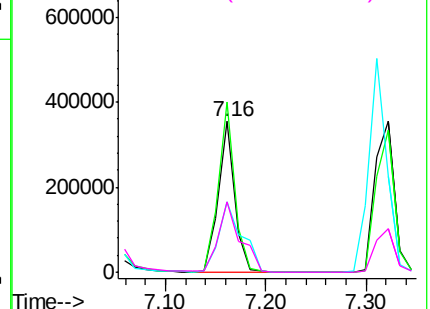
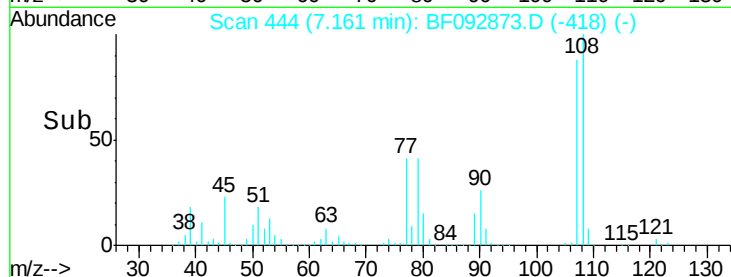


Abundance Ion 107.00 (106.70 to 107.70): E

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: 46.57 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.00 min

Lab File: BF092873.D

Acq: 9 Feb 2017 00:25

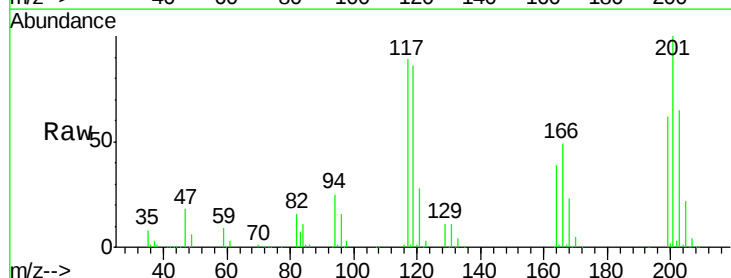
Tgt Ion:117 Resp: 183403

Ion Ratio Lower Upper

117 100

119 96.6 78.1 117.1

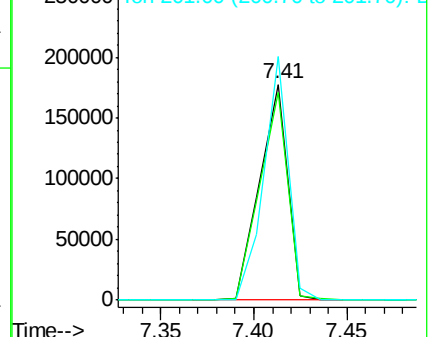
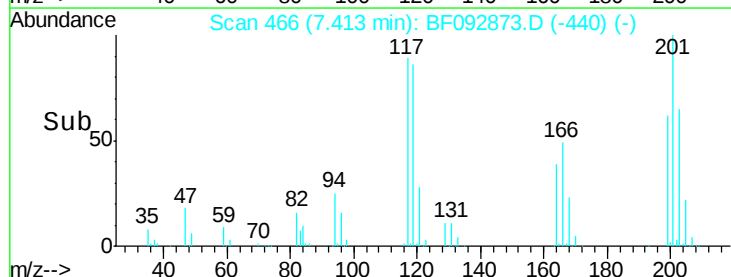
201 112.9 78.6 117.8

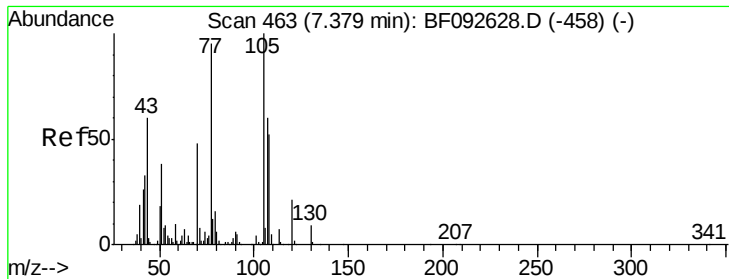


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

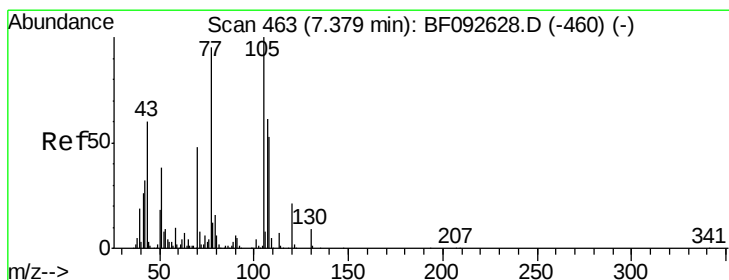
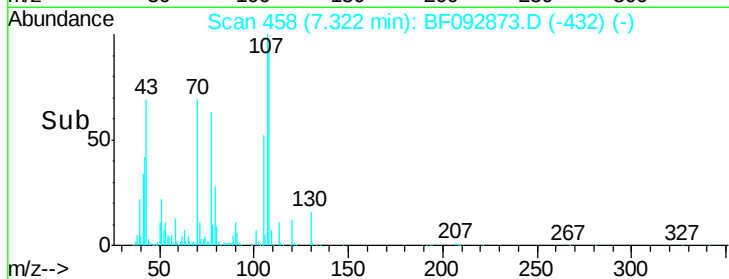
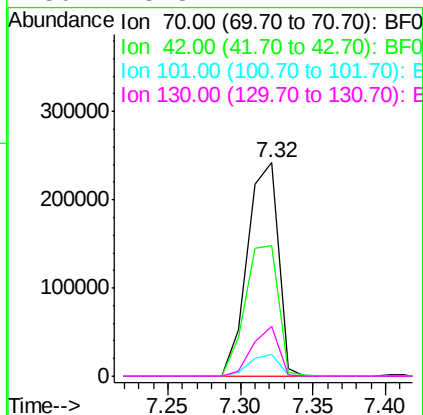
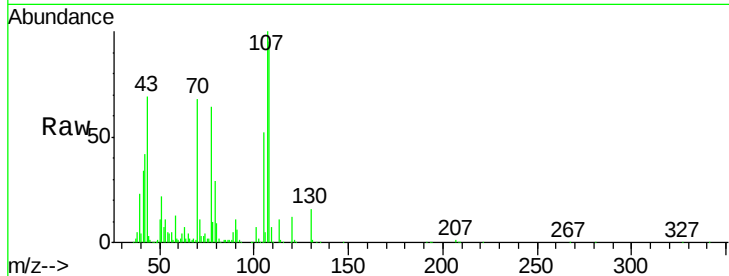




#19
n-Nitroso-di-n-propylamine
Concen: 49.51 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF092873.D
Acq: 9 Feb 2017 00:25

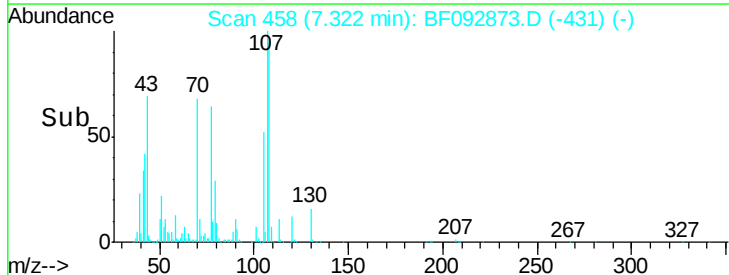
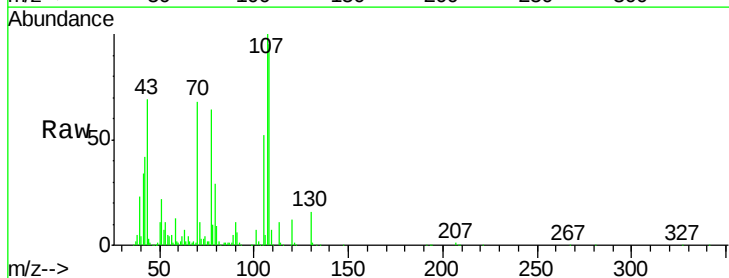
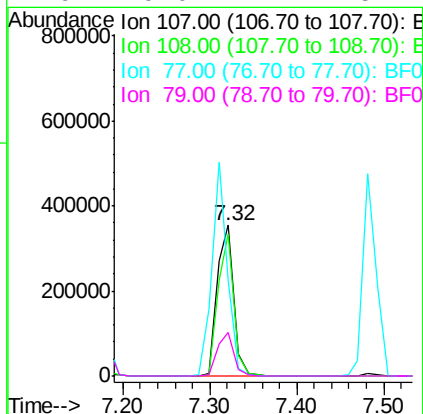
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMSD

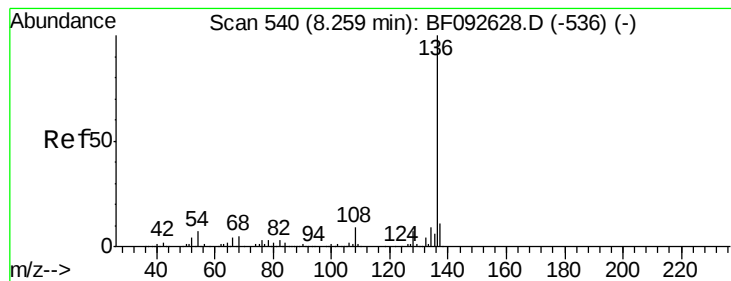
Tgt Ion: 70 Resp: 357717
Ion Ratio Lower Upper
70 100
42 61.0 49.4 74.0
101 9.9 7.4 11.2
130 23.3 14.2 21.4#



#20
3+4-Methylphenols
Concen: 47.68 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.01 min
Lab File: BF092873.D
Acq: 9 Feb 2017 00:25

Tgt Ion: 107 Resp: 476034
Ion Ratio Lower Upper
107 100
108 94.8 73.0 113.0
77 63.7 71.3 111.3#
79 29.0 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF092873.D

Acq: 9 Feb 2017 00:25

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMSD

Tgt Ion:136 Resp: 583034

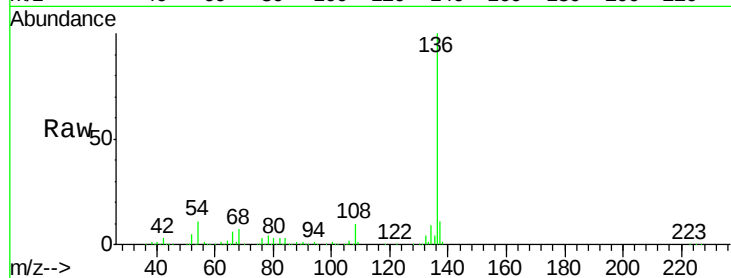
Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 11.3 4.5 6.7#

68 7.3 3.6 5.4#

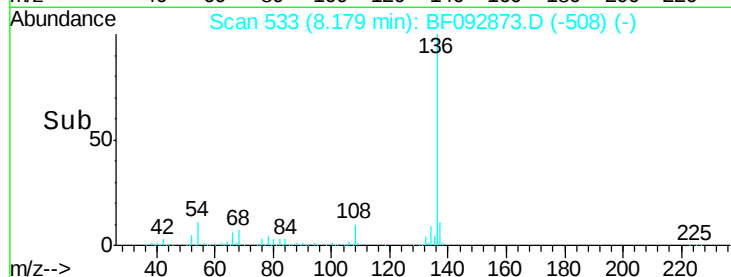


Abundance Ion 136.00 (135.70 to 136.70): E

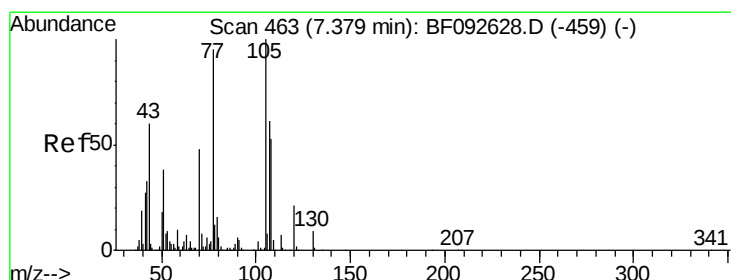
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 46.76 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.00 min

Lab File: BF092873.D

Acq: 9 Feb 2017 00:25

Tgt Ion:105 Resp: 622413

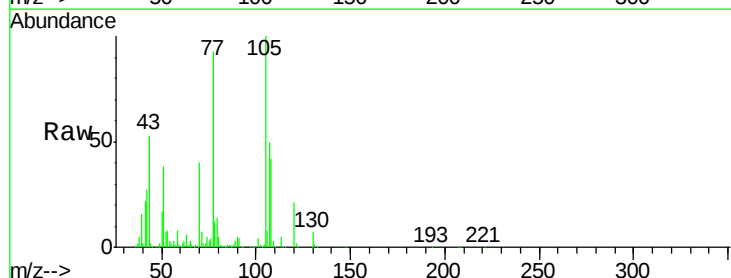
Ion Ratio Lower Upper

105 100

71 6.5 3.2 4.8#

51 37.6 26.2 39.4

120 21.5 16.6 24.8

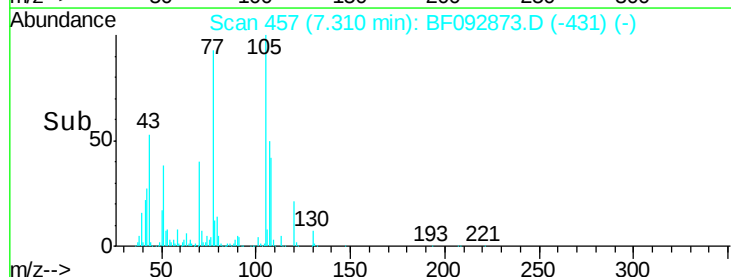


Abundance Ion 105.00 (104.70 to 105.70): E

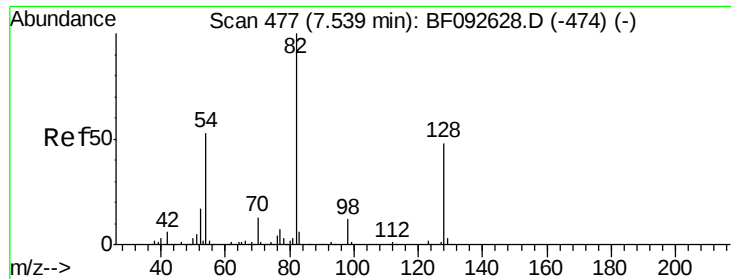
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



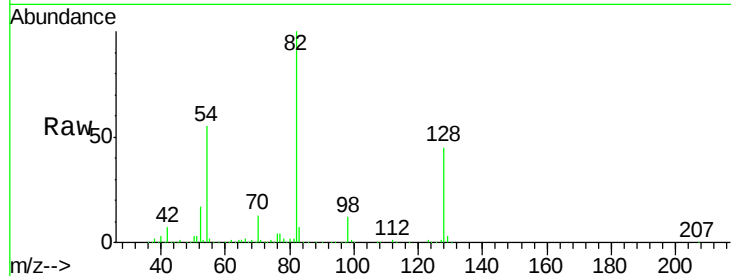
Time-->



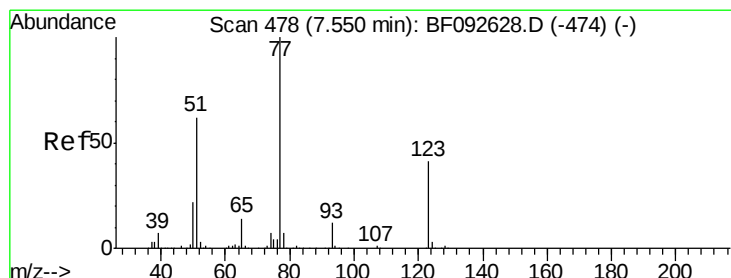
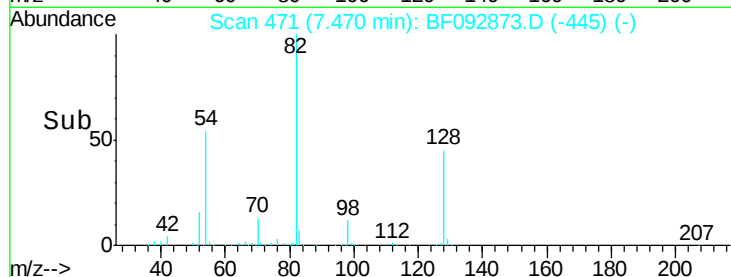
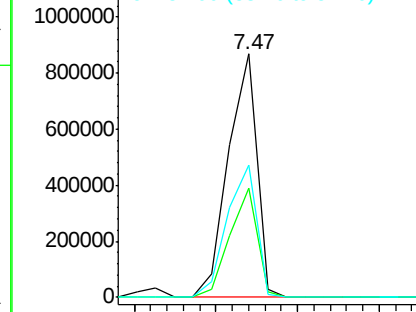
#23
 Nitrobenzene-d5
 Concen: 100.07 ng
 RT: 7.47 min Scan# 471
 Delta R.T. -0.00 min
 Lab File: BF092873.D
 Acq: 9 Feb 2017 00:25

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMPMSD

Tgt Ion: 82 Resp: 1047757
 Ion Ratio Lower Upper
 82 100
 128 44.7 34.6 52.0
 54 54.5 39.5 59.3

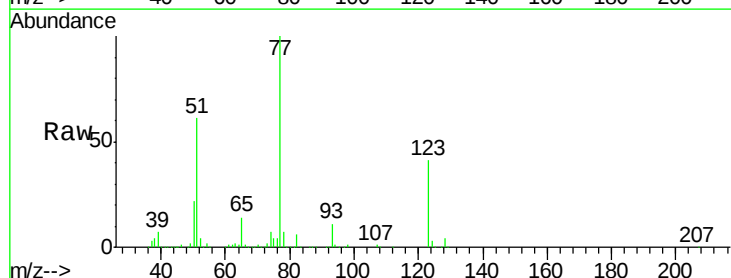


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

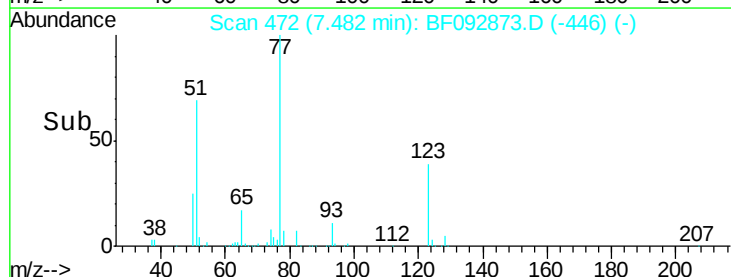
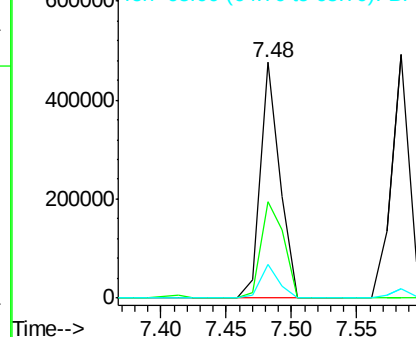


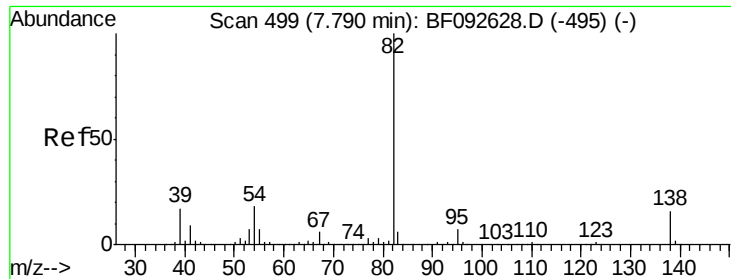
#24
 Nitrobenzene
 Concen: 46.01 ng
 RT: 7.48 min Scan# 472
 Delta R.T. -0.00 min
 Lab File: BF092873.D
 Acq: 9 Feb 2017 00:25

Tgt Ion: 77 Resp: 494587
 Ion Ratio Lower Upper
 77 100
 123 41.0 33.0 49.4
 65 14.1 11.2 16.8



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

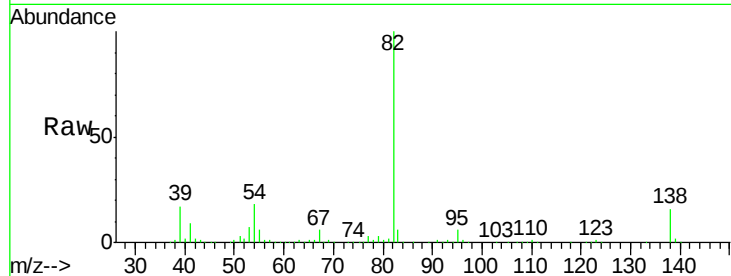




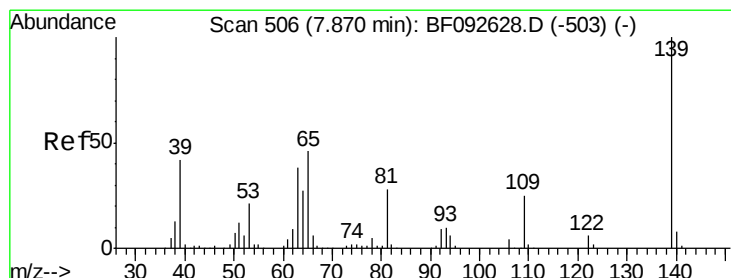
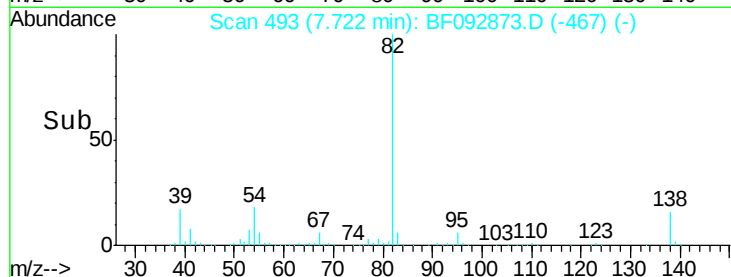
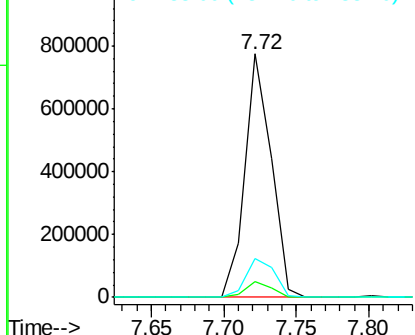
#25
Isophorone
Concen: 50.00 ng
RT: 7.72 min Scan# 493
Delta R.T. -0.00 min
Lab File: BF092873.D
Acq: 9 Feb 2017 00:25

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMSD

Tgt Ion: 82 Resp: 975445
Ion Ratio Lower Upper
82 100
95 6.3 5.6 8.4
138 15.8 14.6 22.0

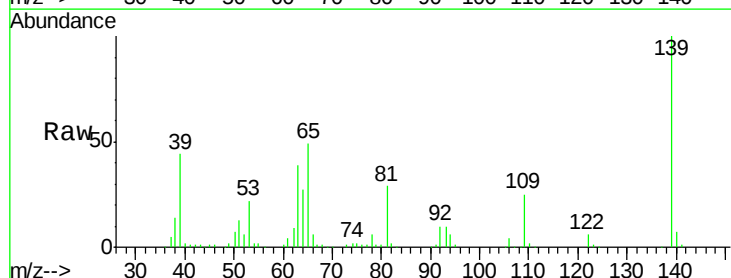


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

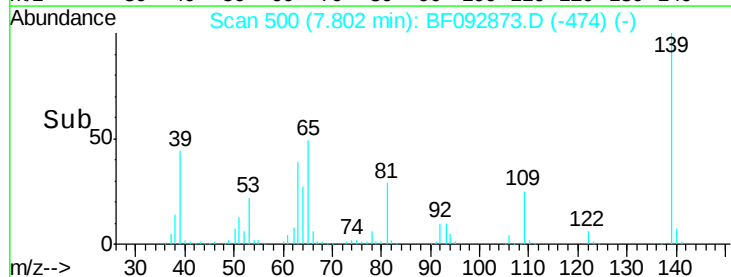
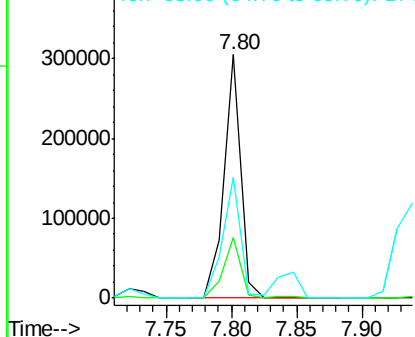


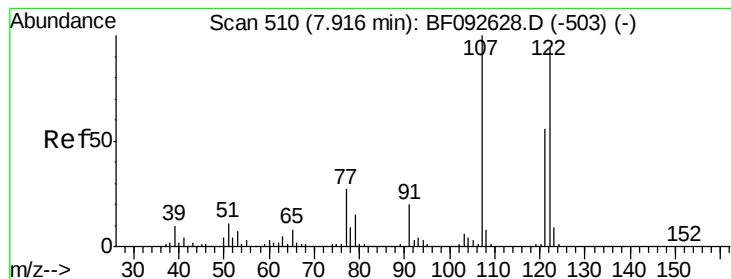
#26
2-Nitrophenol
Concen: 53.88 ng
RT: 7.80 min Scan# 500
Delta R.T. -0.00 min
Lab File: BF092873.D
Acq: 9 Feb 2017 00:25

Tgt Ion: 139 Resp: 275372
Ion Ratio Lower Upper
139 100
109 24.9 23.3 34.9
65 49.4 42.7 64.1



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





#27

2,4-Dimethylphenol

Concen: 53.89 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.00 min

Lab File: BF092873.D

Acq: 9 Feb 2017 00:25

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMSD

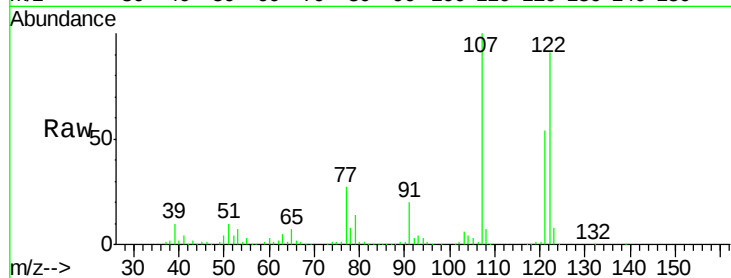
Tgt Ion:122 Resp: 483627

Ion Ratio Lower Upper

122 100

107 110.2 94.1 141.1

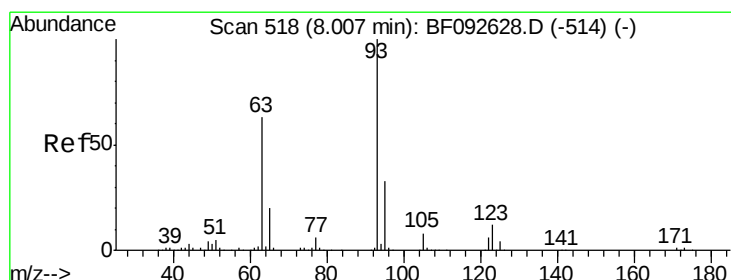
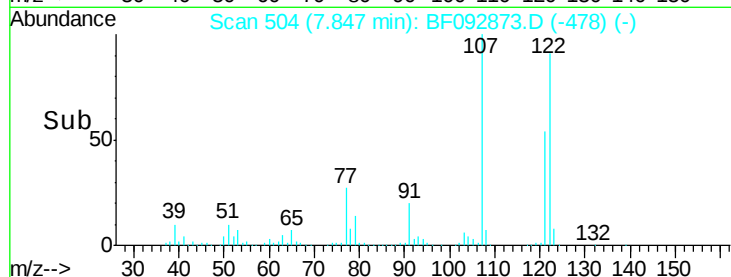
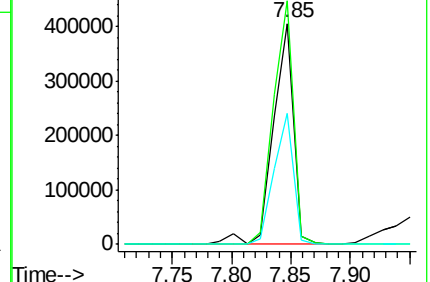
121 59.4 46.0 69.0



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: 51.56 ng

RT: 7.94 min Scan# 512

Delta R.T. -0.00 min

Lab File: BF092873.D

Acq: 9 Feb 2017 00:25

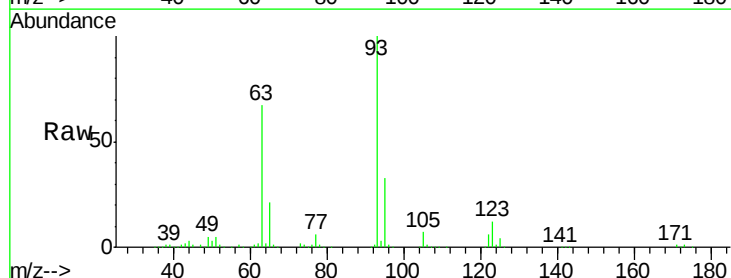
Tgt Ion: 93 Resp: 666155

Ion Ratio Lower Upper

93 100

95 32.8 26.5 39.7

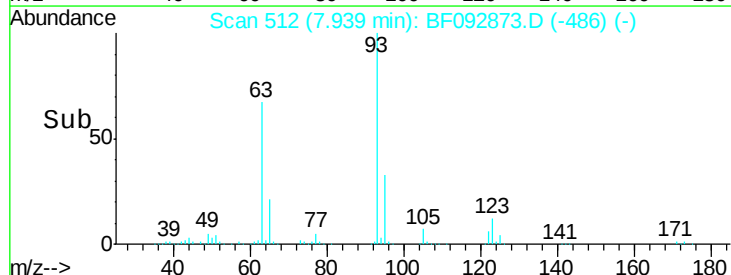
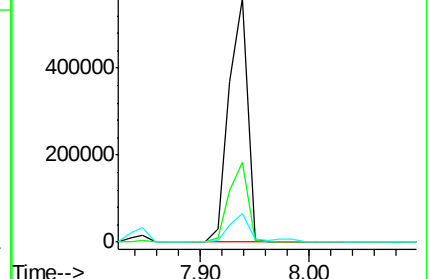
123 11.6 8.6 13.0

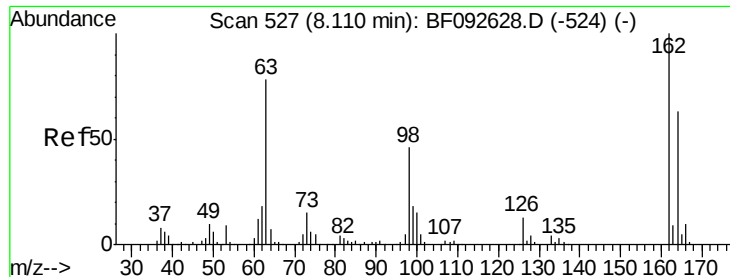


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

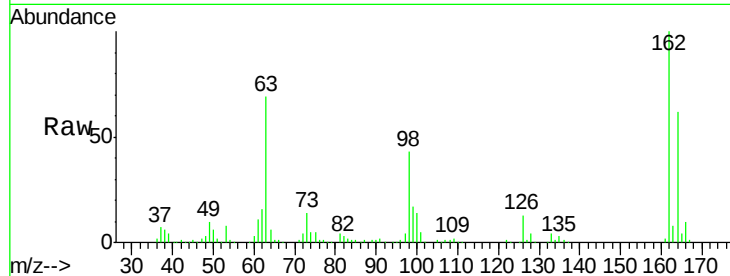




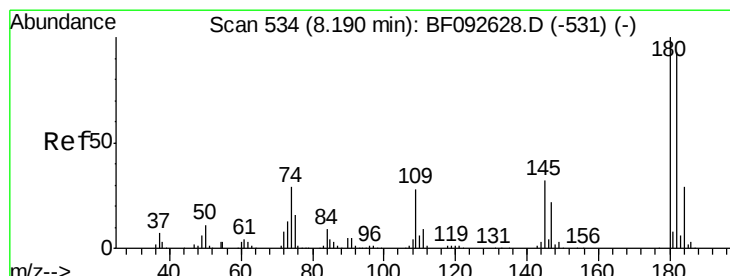
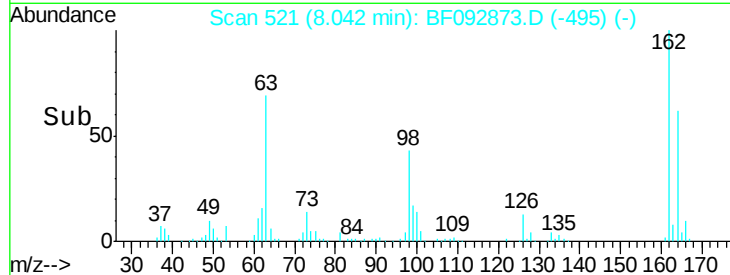
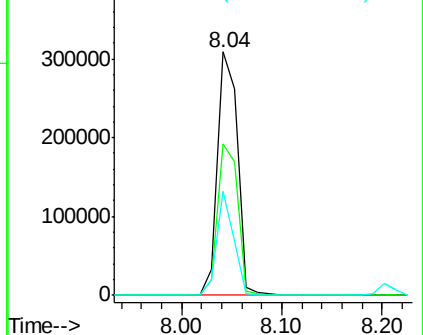
#29
 2,4-Dichlorophenol
 Concen: 51.00 ng
 RT: 8.04 min Scan# 521
 Delta R.T. -0.00 min
 Lab File: BF092873.D
 Acq: 9 Feb 2017 00:25

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMPMSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.2	46.8	86.8
98	42.8	9.1	49.1

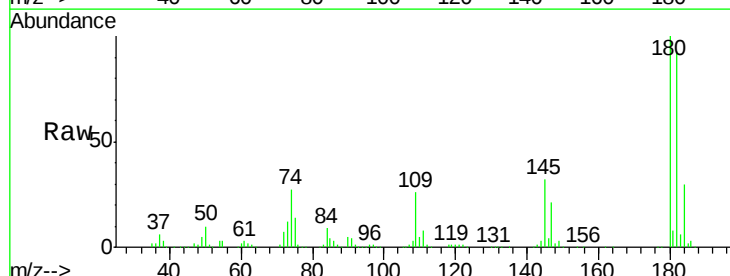


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

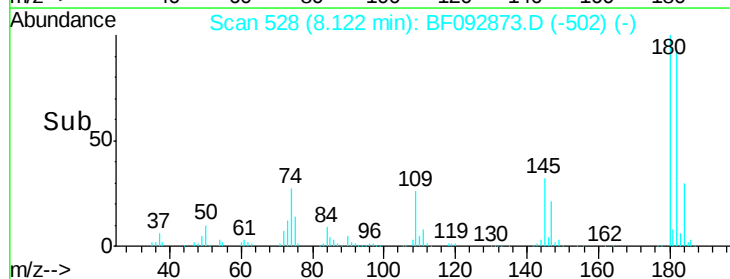
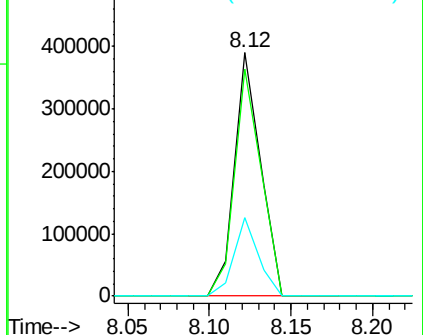


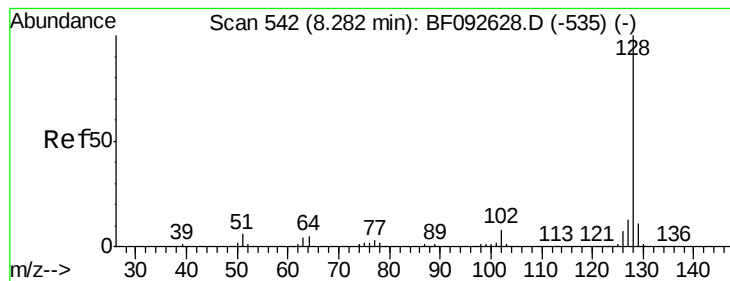
#30
 1,2,4-Trichlorobenzene
 Concen: 47.45 ng
 RT: 8.12 min Scan# 528
 Delta R.T. -0.00 min
 Lab File: BF092873.D
 Acq: 9 Feb 2017 00:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	78.2	117.4
145	32.3	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: 44.56 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF092873.D

Acq: 9 Feb 2017 00:25

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMSD

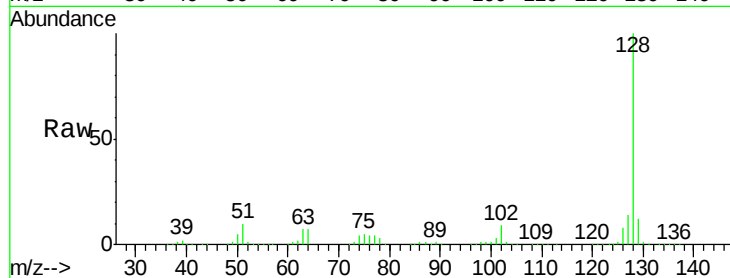
Tgt Ion:128 Resp: 1316945

Ion Ratio Lower Upper

128 100

129 11.6 9.5 14.3

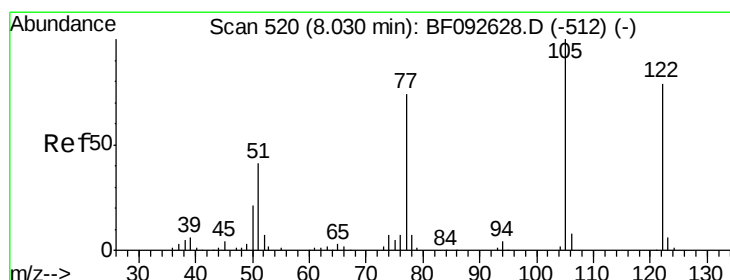
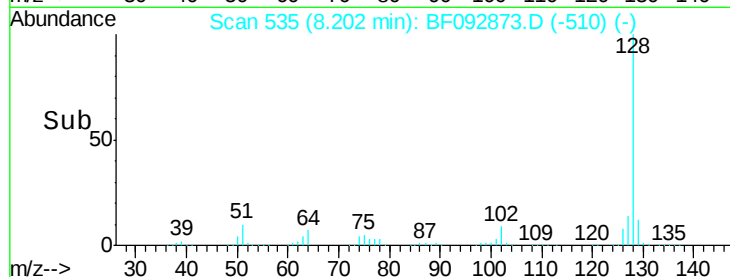
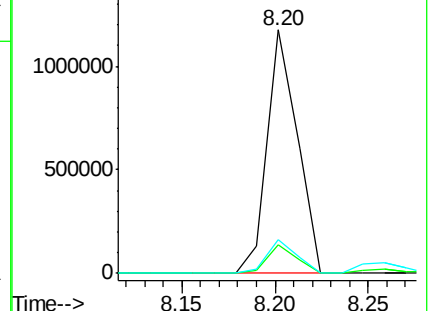
127 13.8 10.8 16.2



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: 47.25 ng

RT: 7.98 min Scan# 516

Delta R.T. 0.01 min

Lab File: BF092873.D

Acq: 9 Feb 2017 00:25

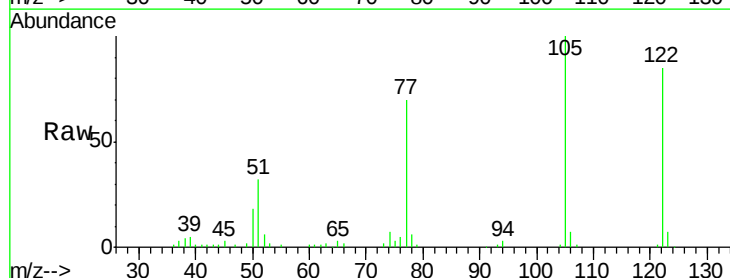
Tgt Ion:122 Resp: 239620

Ion Ratio Lower Upper

122 100

105 117.5 107.2 147.2

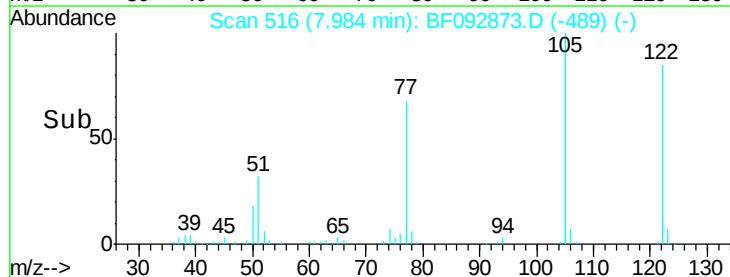
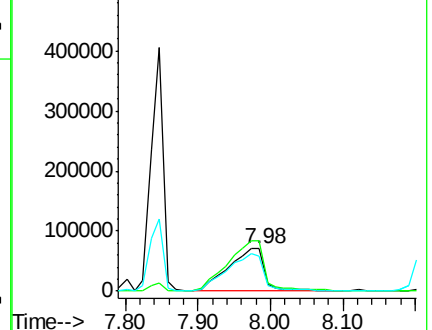
77 82.0 74.5 114.5



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

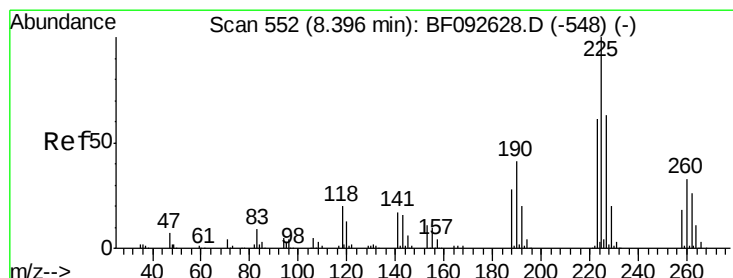
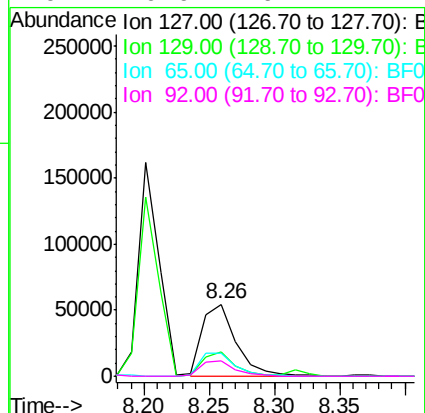
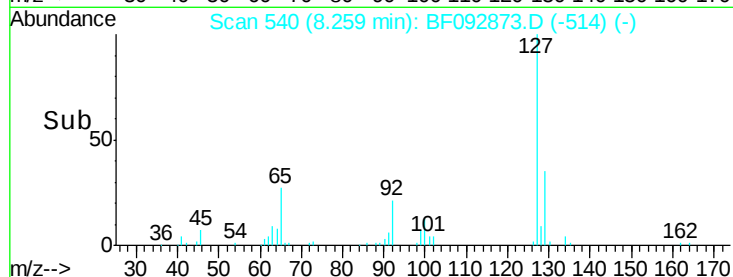
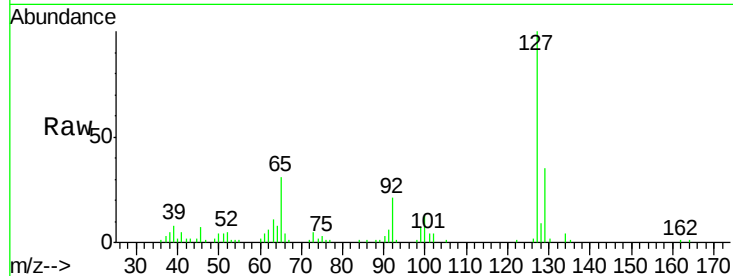




#33
4-Chloroaniline
Concen: 8.38 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF092873.D
Acq: 9 Feb 2017 00:25

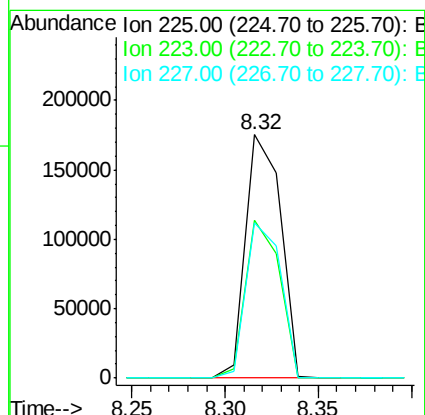
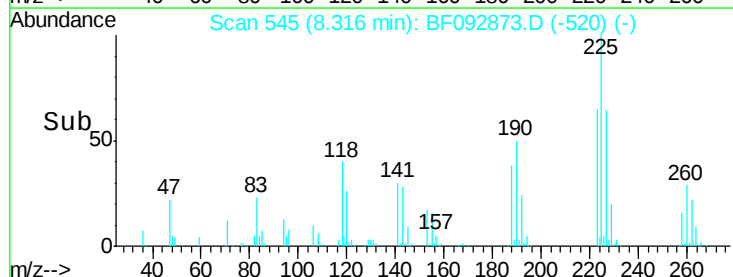
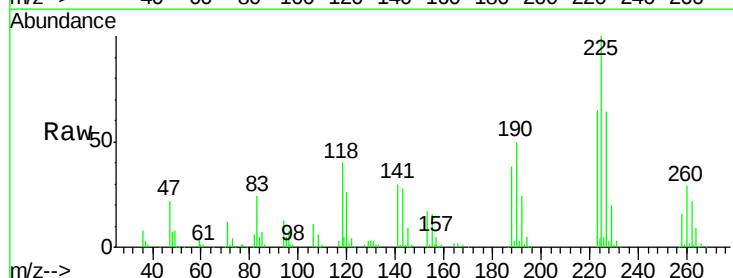
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMSD

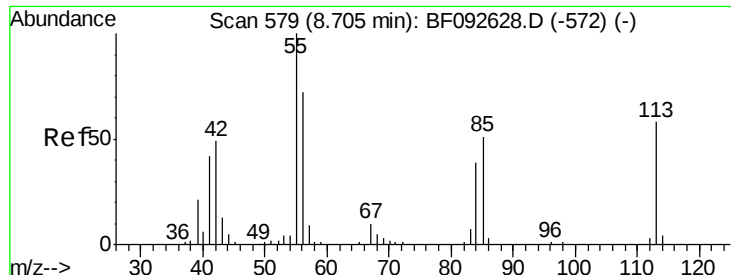
Tgt Ion:	127	Resp:	97157
Ion	Ratio	Lower	Upper
127	100		
129	34.7	26.3	39.5
65	31.3	25.8	38.8
92	20.9	16.1	24.1



#34
Hexachlorobutadiene
Concen: 46.13 ng
RT: 8.32 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF092873.D
Acq: 9 Feb 2017 00:25

Tgt Ion:	225	Resp:	228937
Ion	Ratio	Lower	Upper
225	100		
223	64.7	51.0	76.6
227	63.6	50.6	76.0

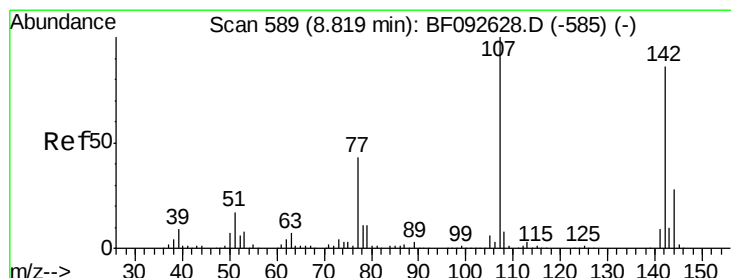
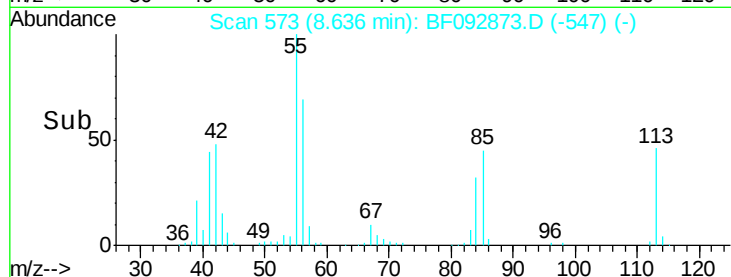
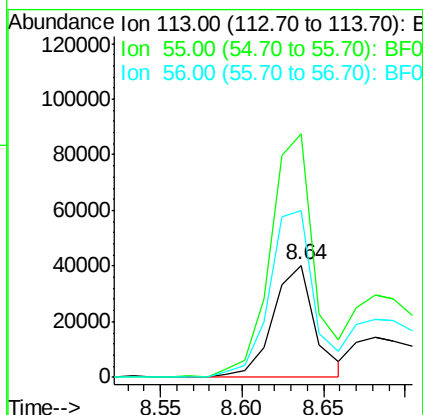
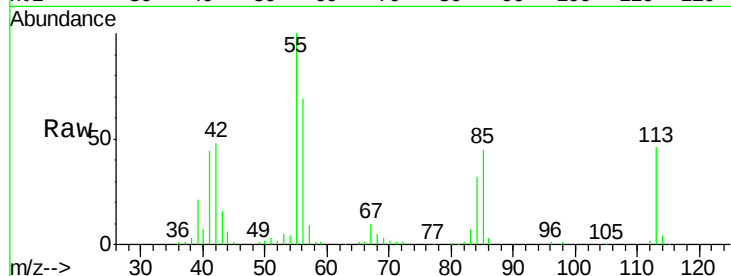




#35
 Caprolactam
 Concen: 27.40 ng
 RT: 8.64 min Scan# 573
 Delta R.T. -0.00 min
 Lab File: BF092873.D
 Acq: 9 Feb 2017 00:25

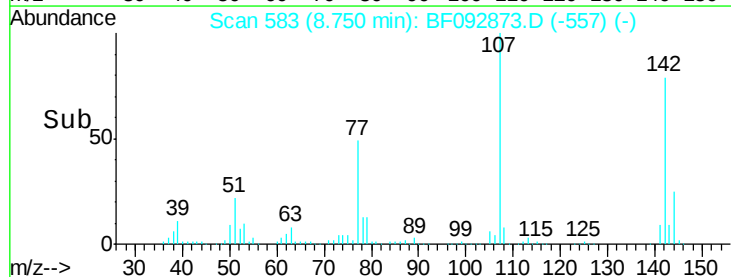
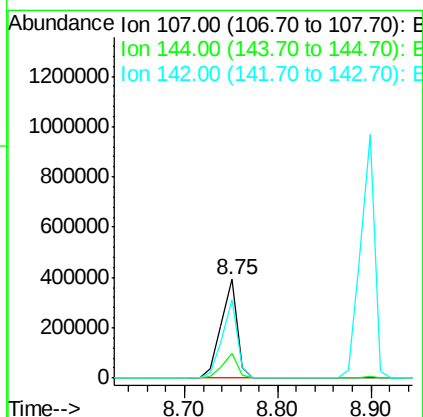
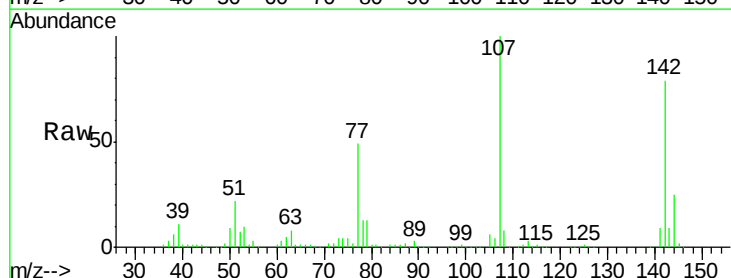
Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMPMSD

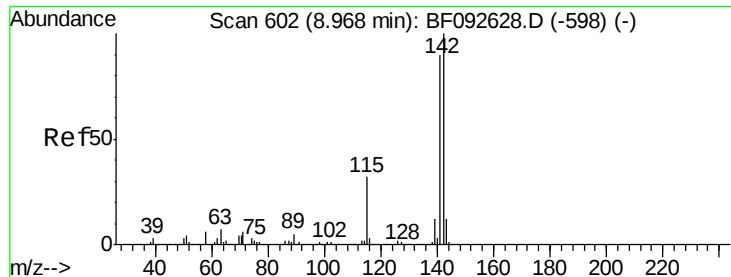
Tgt Ion:113 Resp: 72154
 Ion Ratio Lower Upper
 113 100
 55 216.8 119.2 159.2#
 56 149.0 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 53.44 ng
 RT: 8.75 min Scan# 583
 Delta R.T. -0.00 min
 Lab File: BF092873.D
 Acq: 9 Feb 2017 00:25

Tgt Ion:107 Resp: 466325
 Ion Ratio Lower Upper
 107 100
 144 25.0 19.3 28.9
 142 78.9 59.0 88.6

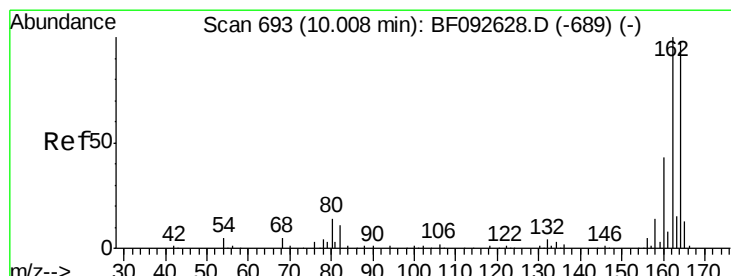
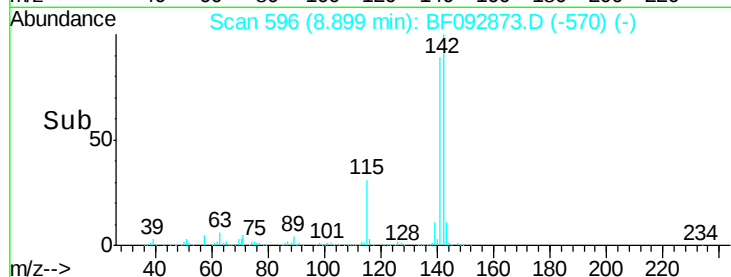
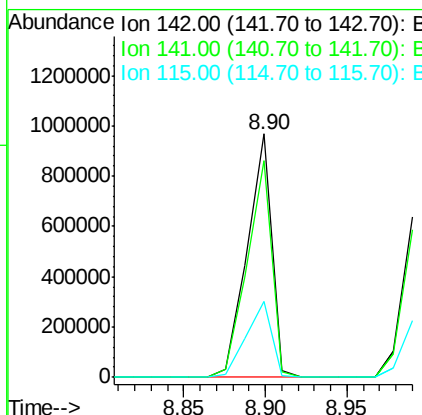
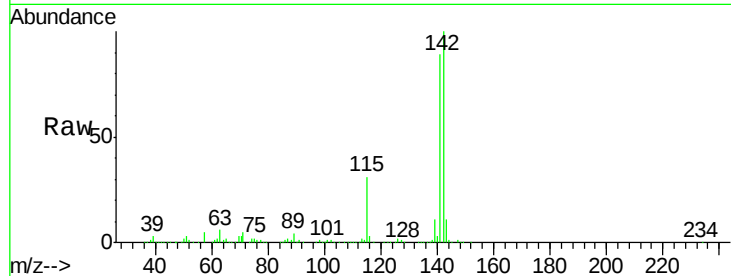




#37
 2-Methylnaphthalene
 Concen: 53.24 ng
 RT: 8.90 min Scan# 596
 Delta R.T. -0.00 min
 Lab File: BF092873.D
 Acq: 9 Feb 2017 00:25

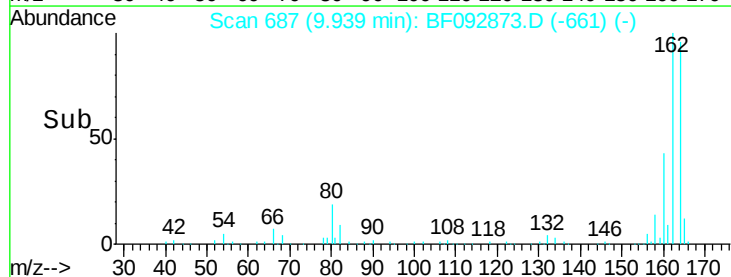
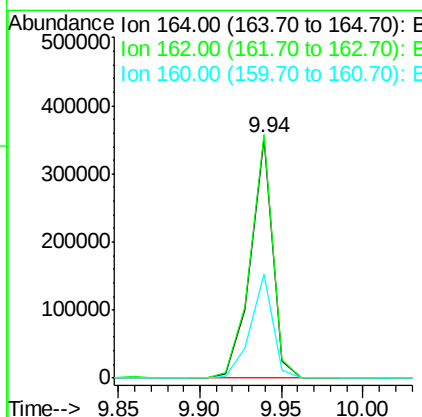
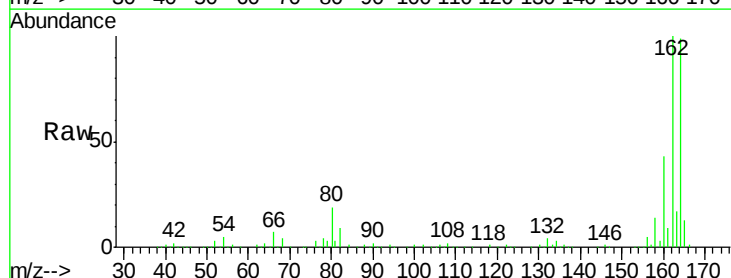
Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMPMSD

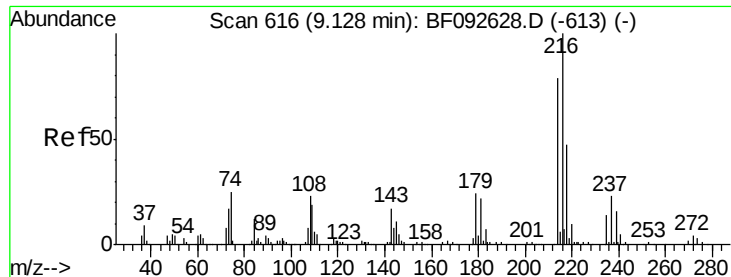
Tgt Ion:142 Resp: 1010357
 Ion Ratio Lower Upper
 142 100
 141 88.9 71.0 106.6
 115 31.0 28.3 42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.00 min
 Lab File: BF092873.D
 Acq: 9 Feb 2017 00:25

Tgt Ion:164 Resp: 333582
 Ion Ratio Lower Upper
 164 100
 162 101.5 80.2 120.2
 160 43.3 36.9 55.3

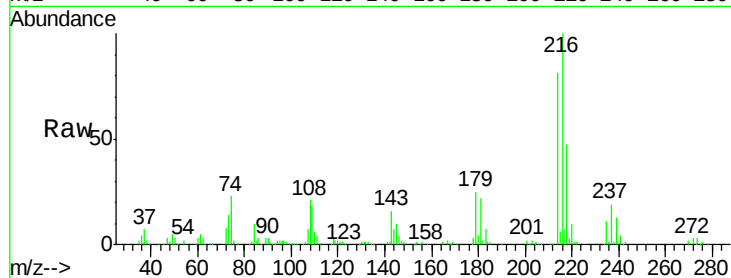




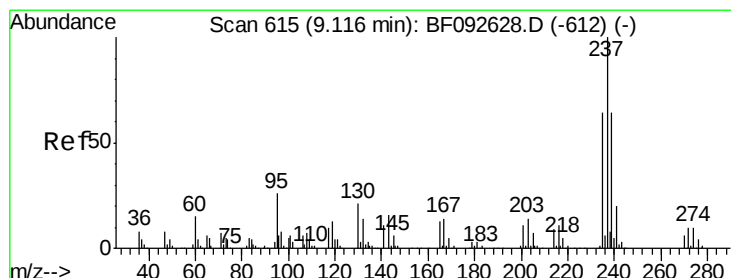
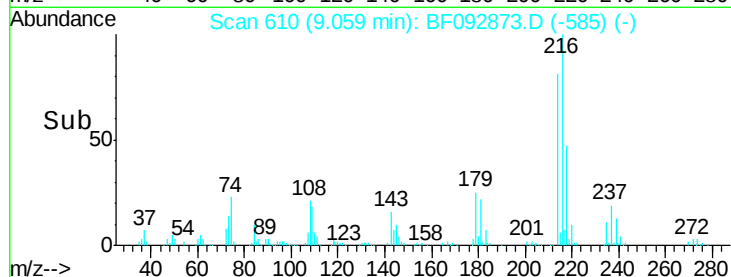
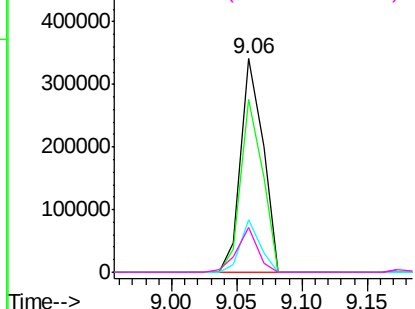
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.28 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF092873.D
 Acq: 9 Feb 2017 00:25

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMPMSD

Tgt Ion:	216	Resp:	405284
Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.4	95.0
179	21.4	17.4	26.2
108	19.5	15.6	23.4

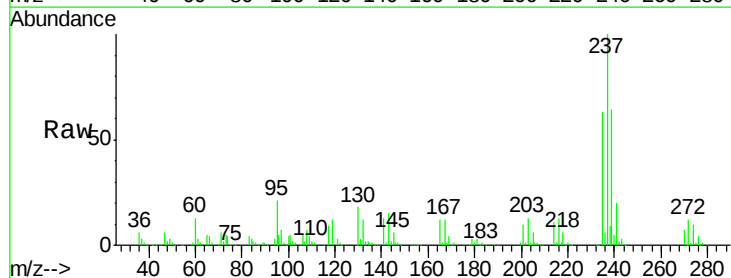


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

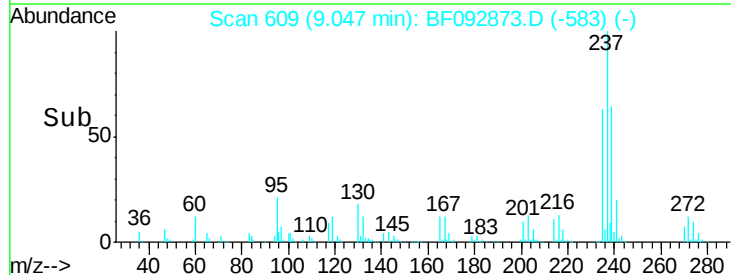
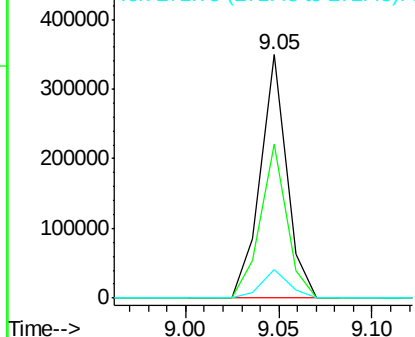


#40
 Hexachlorocyclopentadiene
 Concen: 80.86 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: BF092873.D
 Acq: 9 Feb 2017 00:25

Tgt Ion:	237	Resp:	341597
Ion	Ratio	Lower	Upper
237	100		
235	63.3	41.2	81.2
272	11.8	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

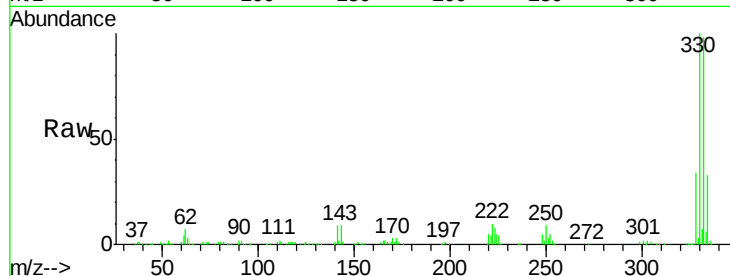




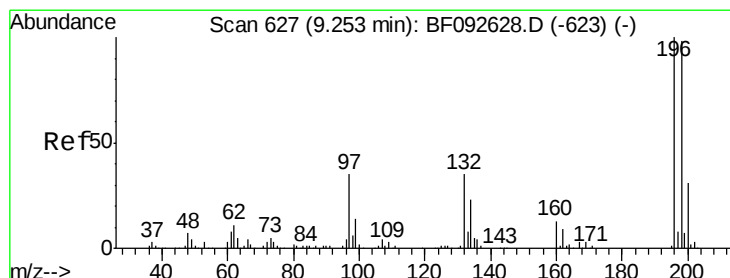
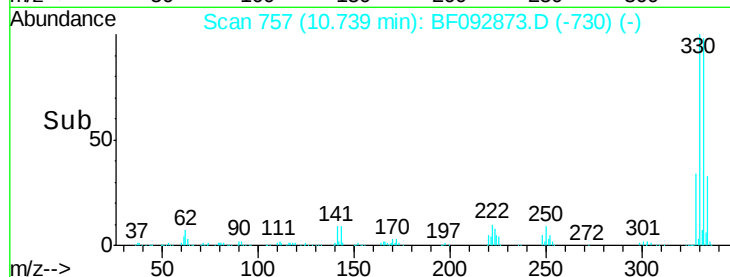
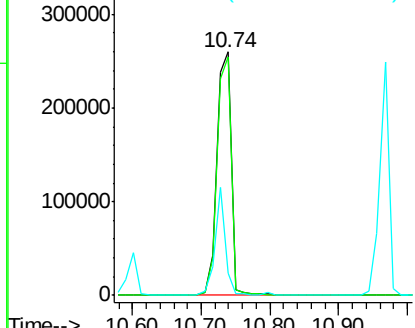
#41
 2,4,6-Tribromophenol
 Concen: 159.21 ng
 RT: 10.74 min Scan# 757
 Delta R.T. 0.01 min
 Lab File: BF092873.D
 Acq: 9 Feb 2017 00:25

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMPMSD

Tgt Ion:330 Resp: 384114
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.4 116.2
 141 31.6 34.1 51.1#

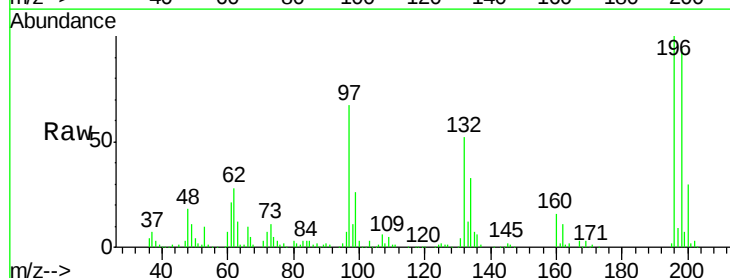


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

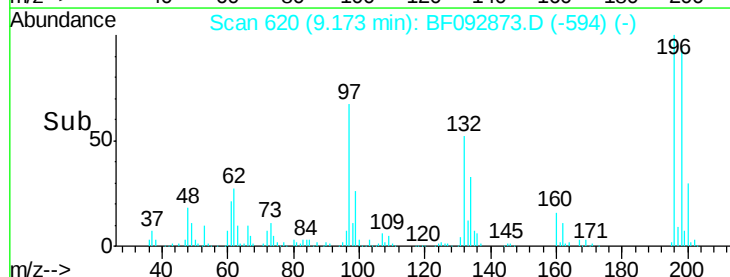
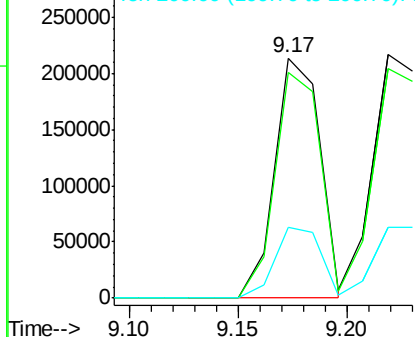


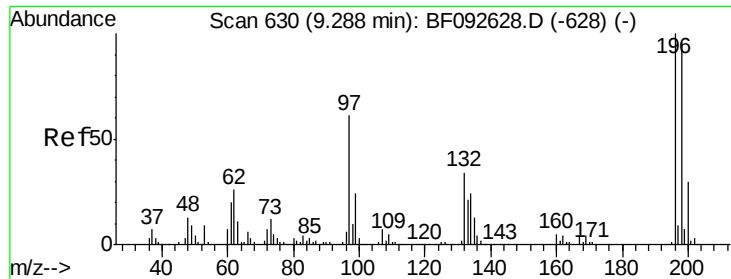
#42
 2,4,6-Trichlorophenol
 Concen: 50.40 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF092873.D
 Acq: 9 Feb 2017 00:25

Tgt Ion:196 Resp: 310128
 Ion Ratio Lower Upper
 196 100
 198 94.2 82.1 123.1
 200 29.6 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

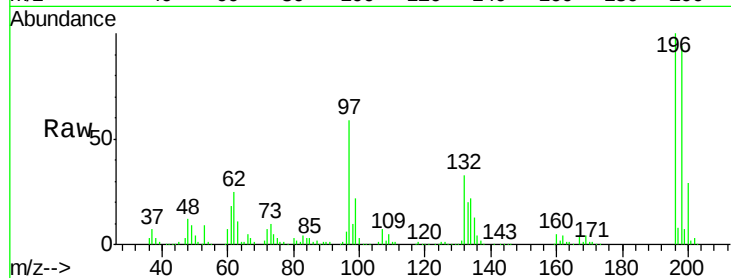




#43
 2,4,5-Trichlorophenol
 Concen: 49.50 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF092873.D
 Acq: 9 Feb 2017 00:25

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMPMSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.2	79.4	119.2
97	58.7	51.5	77.3
132	33.1	27.4	41.2



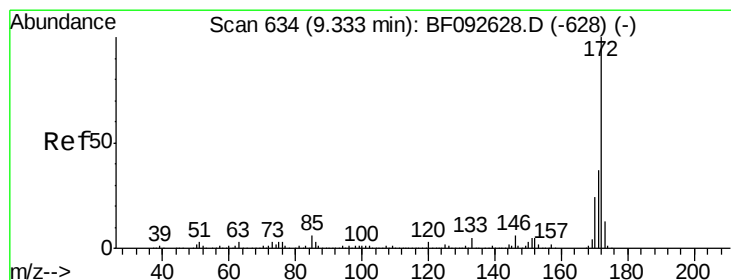
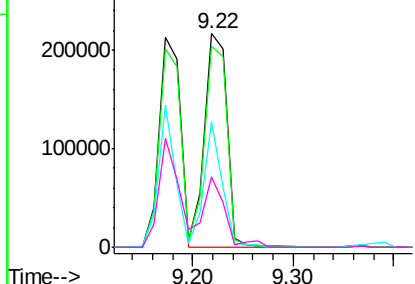
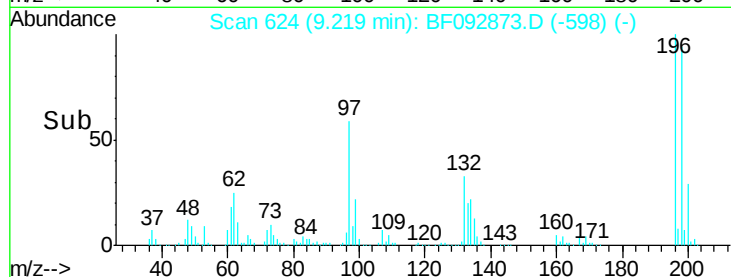
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

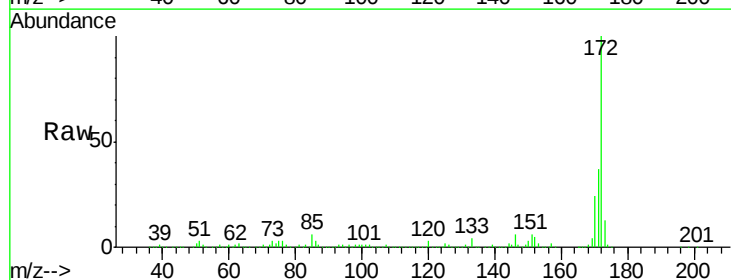
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 104.87 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.00 min
 Lab File: BF092873.D
 Acq: 9 Feb 2017 00:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.0
170	24.3	20.2	30.4

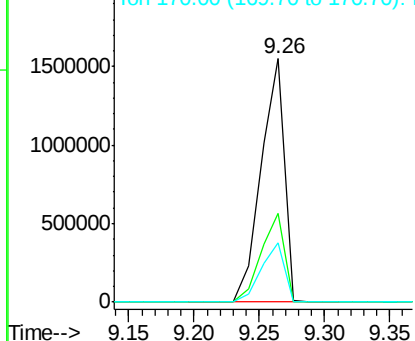
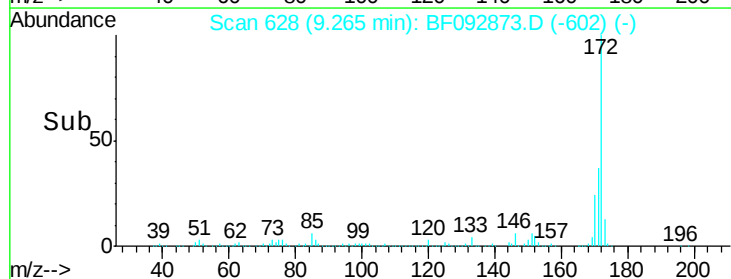


Abundance

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: 46.06 ng

RT: 9.36 min Scan# 636

Delta R.T. -0.01 min

Lab File: BF092873.D

Acq: 9 Feb 2017 00:25

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMSD

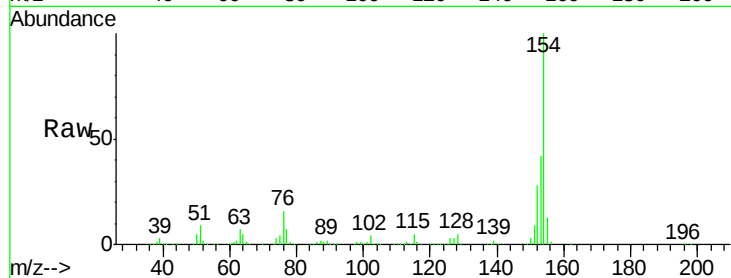
Tgt Ion:154 Resp: 1112676

Ion Ratio Lower Upper

154 100

153 41.7 20.9 60.9

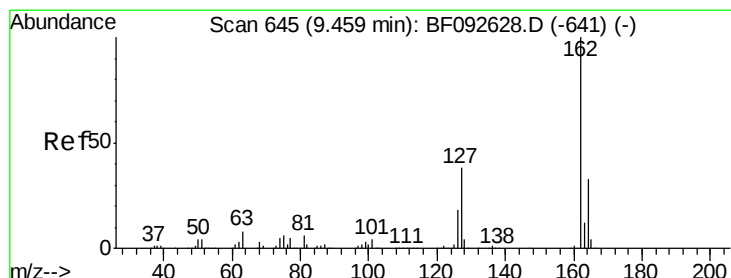
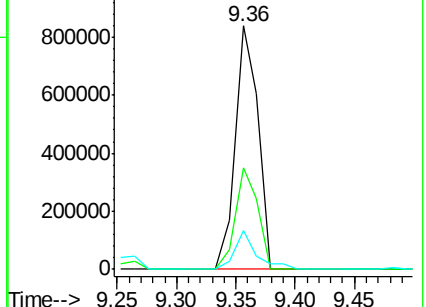
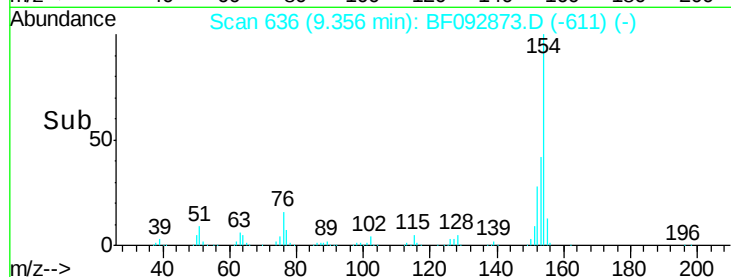
76 16.2 0.0 30.5



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: 51.40 ng

RT: 9.39 min Scan# 639

Delta R.T. -0.00 min

Lab File: BF092873.D

Acq: 9 Feb 2017 00:25

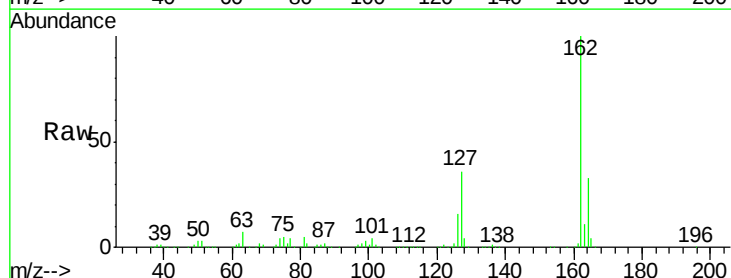
Tgt Ion:162 Resp: 971273

Ion Ratio Lower Upper

162 100

127 35.6 30.7 46.1

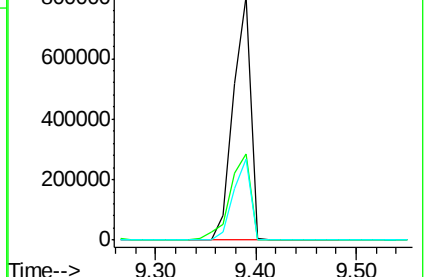
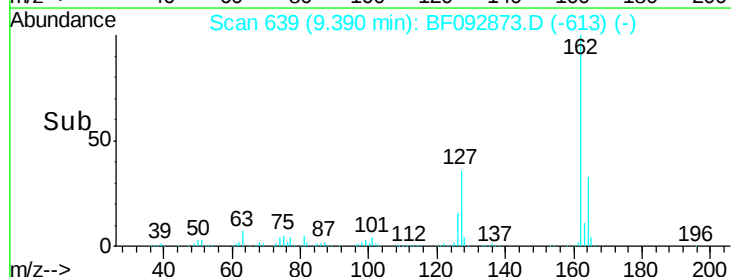
164 33.4 27.6 41.4



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

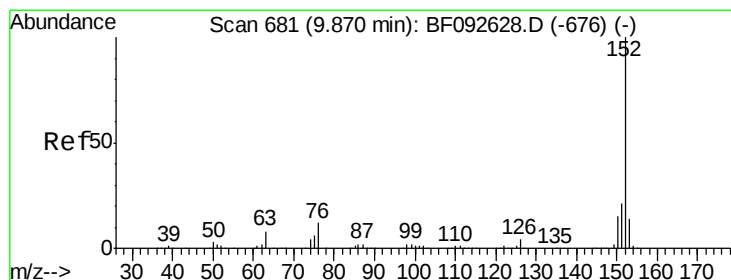
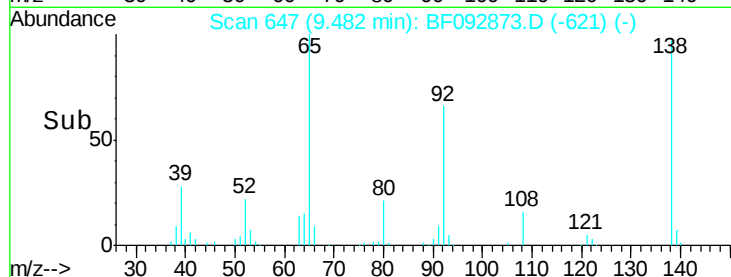
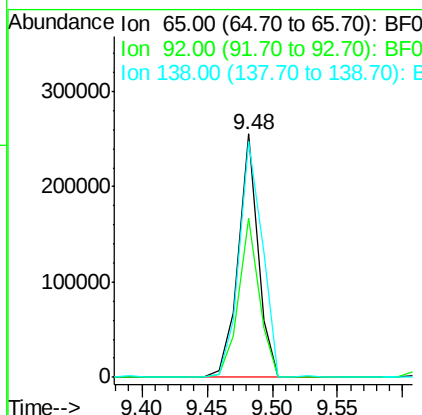
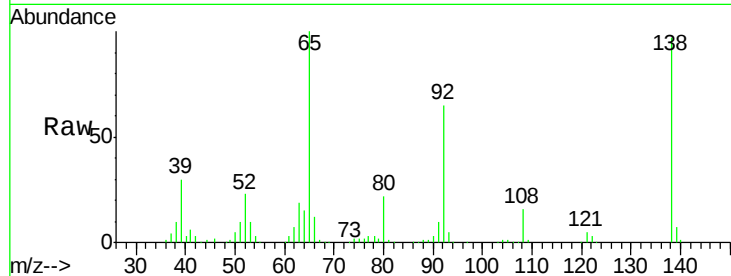




#47
 2-Nitroaniline
 Concen: 42.27 ng
 RT: 9.48 min Scan# 647
 Delta R.T. -0.00 min
 Lab File: BF092873.D
 Acq: 9 Feb 2017 00:25

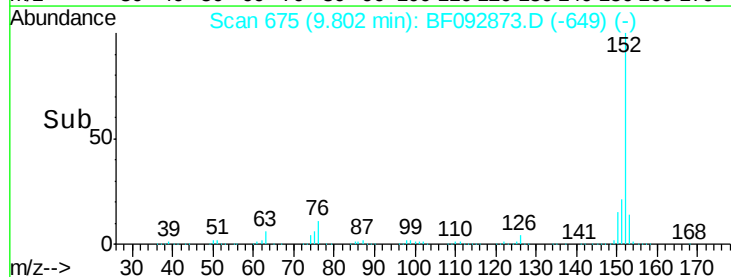
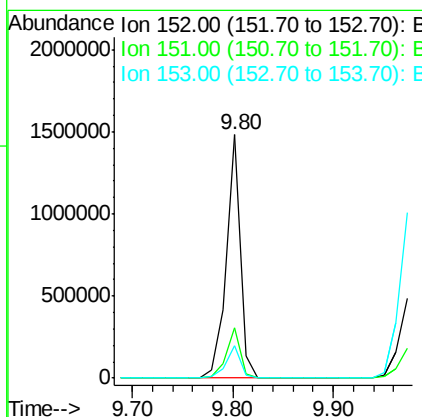
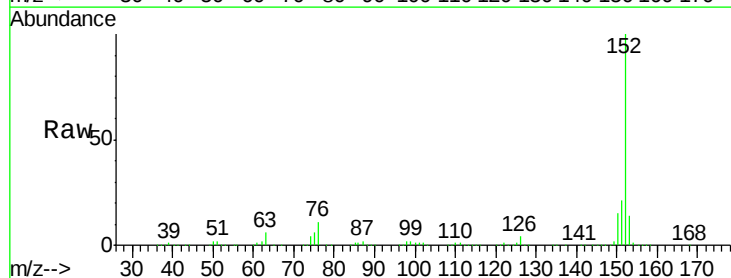
Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMPMSD

Tgt Ion: 65 Resp: 268565
 Ion Ratio Lower Upper
 65 100
 92 65.2 53.9 80.9
 138 96.7 76.8 115.2



#48
 Acenaphthylene
 Concen: 44.03 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: BF092873.D
 Acq: 9 Feb 2017 00:25

Tgt Ion: 152 Resp: 1437102
 Ion Ratio Lower Upper
 152 100
 151 20.7 16.9 25.3
 153 13.5 11.4 17.2

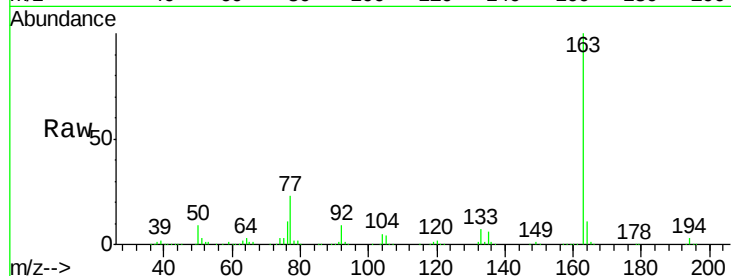




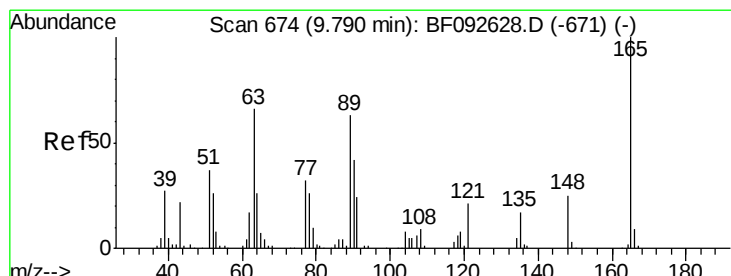
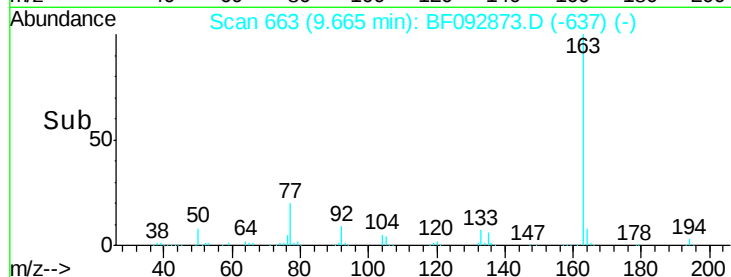
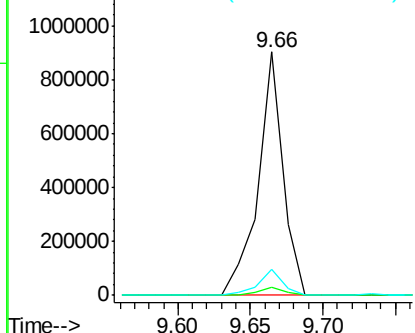
#49
Dimethylphthalate
Concen: 47.87 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF092873.D
Acq: 9 Feb 2017 00:25

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMSD

Tgt Ion:163 Resp: 1075668
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 10.7 8.0 12.0

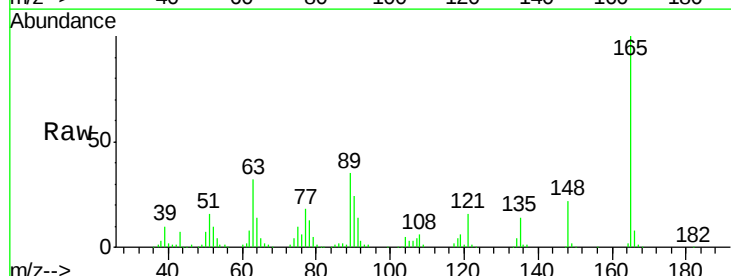


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

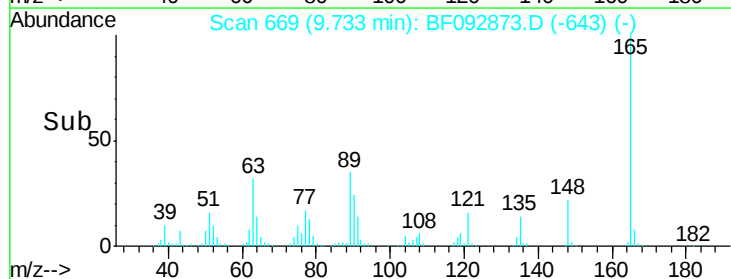
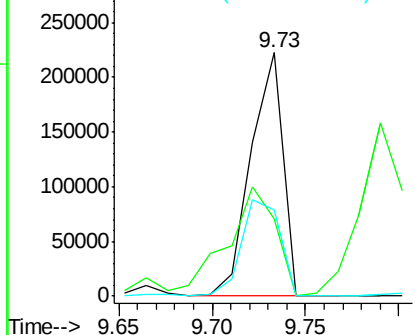


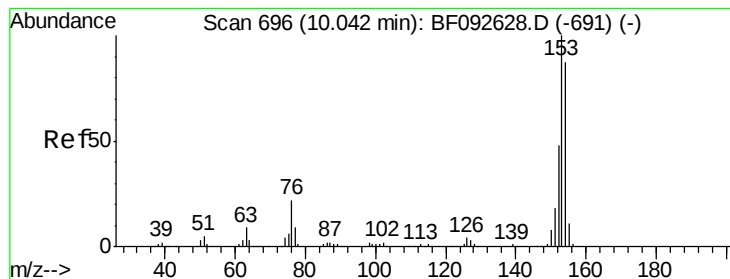
#50
2,6-Dinitrotoluene
Concen: 54.60 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF092873.D
Acq: 9 Feb 2017 00:25

Tgt Ion:165 Resp: 264952
Ion Ratio Lower Upper
165 100
63 31.8 36.2 54.4#
89 35.3 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: 45.02 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF092873.D

Acq: 9 Feb 2017 00:25

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMSD

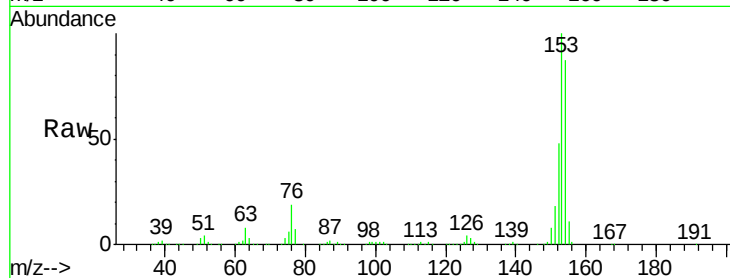
Tgt Ion:154 Resp: 878573

Ion Ratio Lower Upper

154 100

153 115.6 88.6 133.0

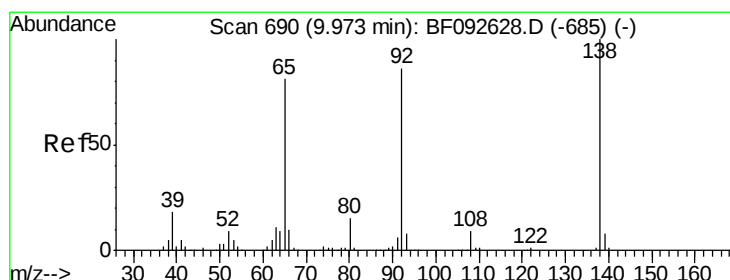
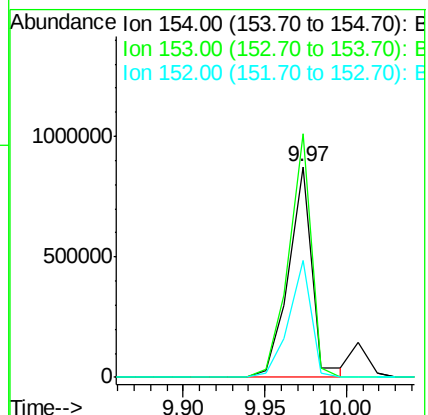
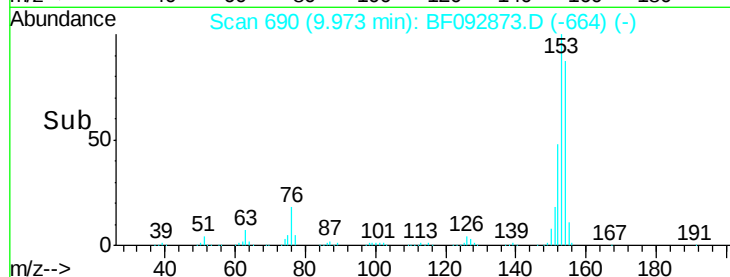
152 55.4 41.6 62.4



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: 10.71 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF092873.D

Acq: 9 Feb 2017 00:25

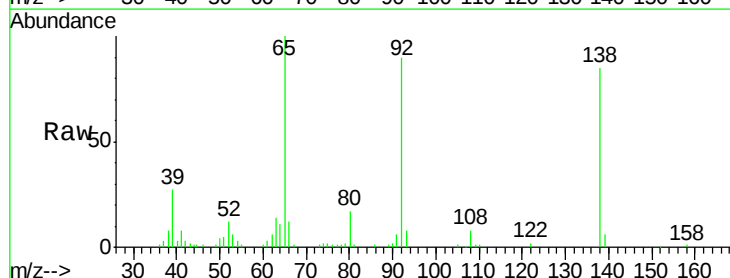
Tgt Ion:138 Resp: 59457

Ion Ratio Lower Upper

138 100

108 9.9 8.5 12.7

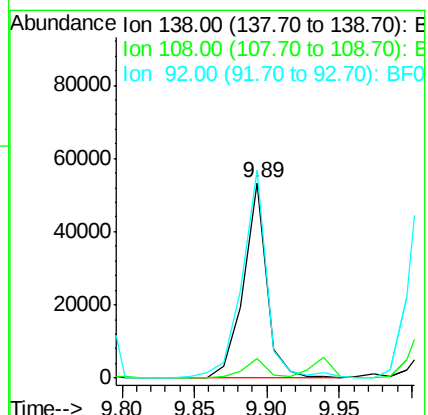
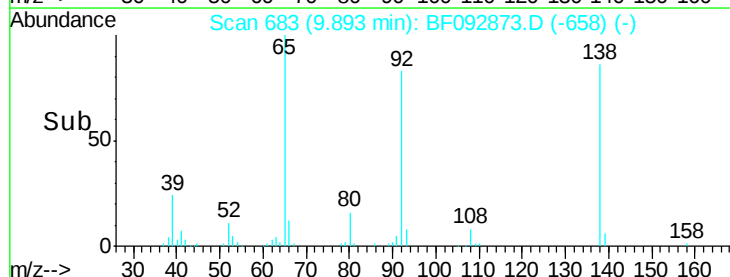
92 106.1 97.8 146.8

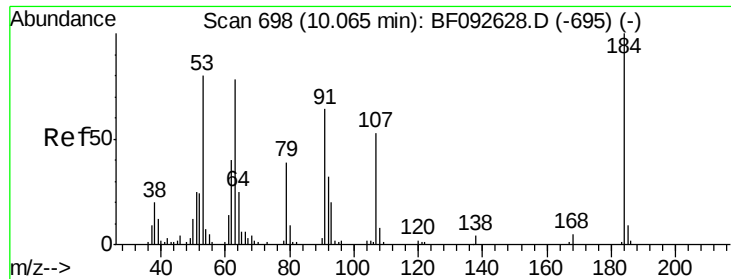


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

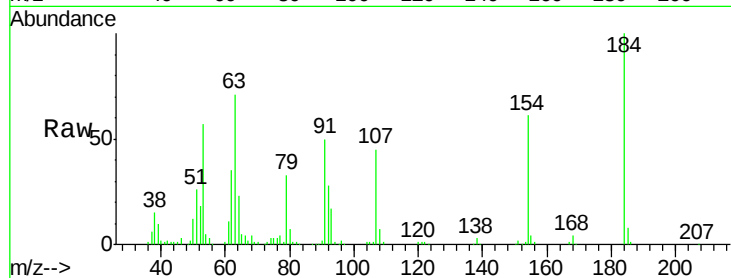




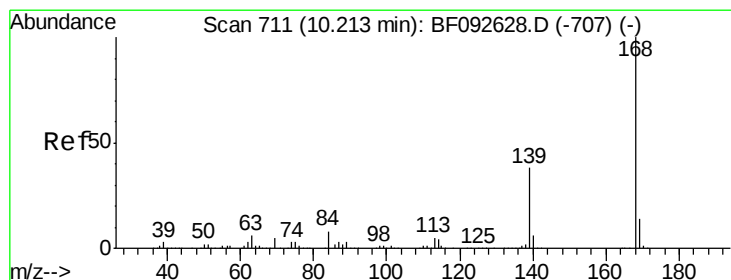
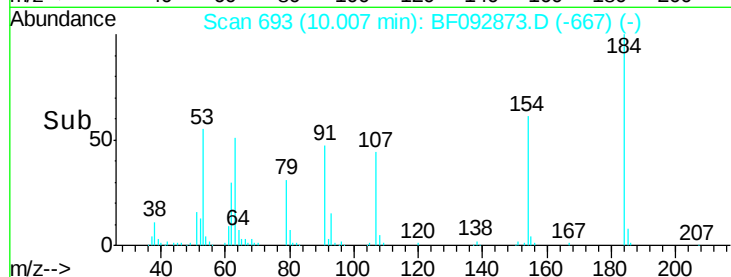
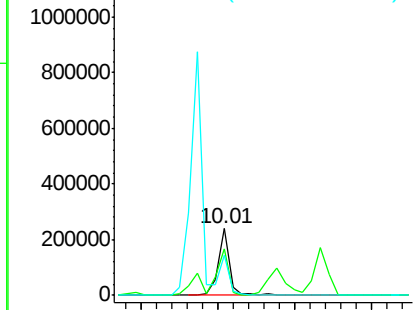
#53
2,4-Dinitrophenol
Concen: 99.28 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF092873.D
Acq: 9 Feb 2017 00:25

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMSD

Tgt Ion:184 Resp: 248069
Ion Ratio Lower Upper
184 100
63 70.6 28.4 42.6#
154 61.0 44.3 66.5

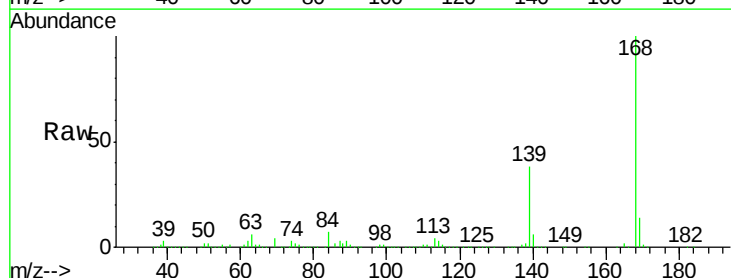


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

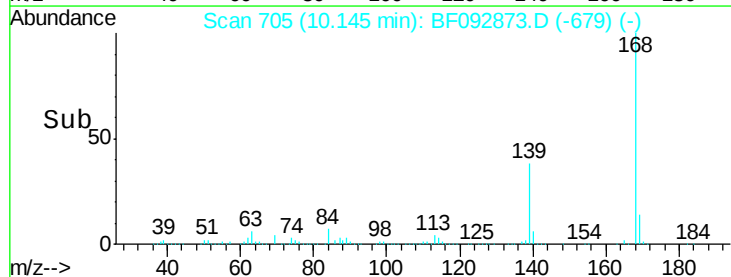
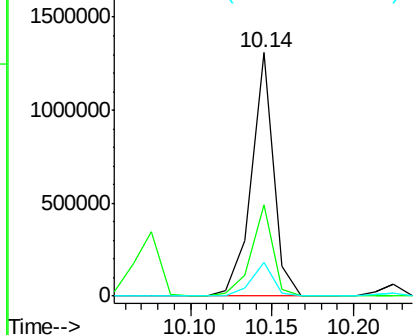


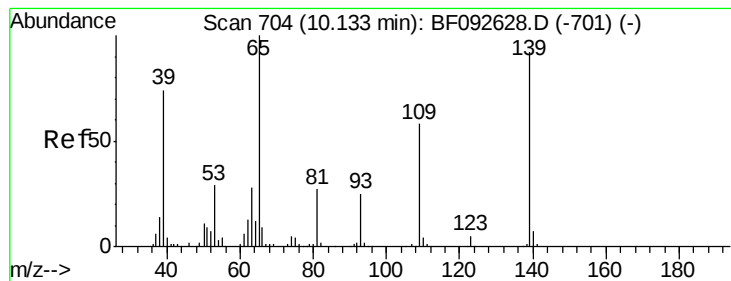
#54
Dibenzofuran
Concen: 47.23 ng
RT: 10.14 min Scan# 705
Delta R.T. -0.00 min
Lab File: BF092873.D
Acq: 9 Feb 2017 00:25

Tgt Ion:168 Resp: 1232871
Ion Ratio Lower Upper
168 100
139 37.6 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: 95.87 ng

RT: 10.08 min Scan# 699

Delta R.T. 0.01 min

Lab File: BF092873.D

Acq: 9 Feb 2017 00:25

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMSD

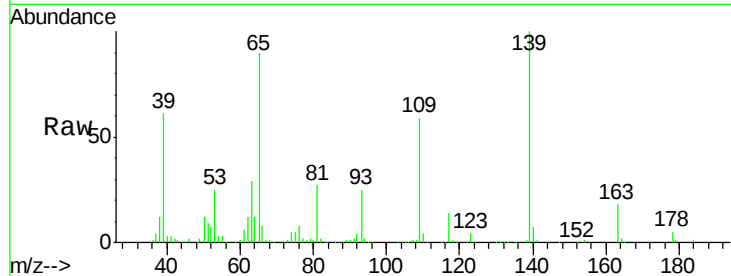
Tgt Ion:139 Resp: 383450

Ion Ratio Lower Upper

139 100

109 59.0 52.2 92.2

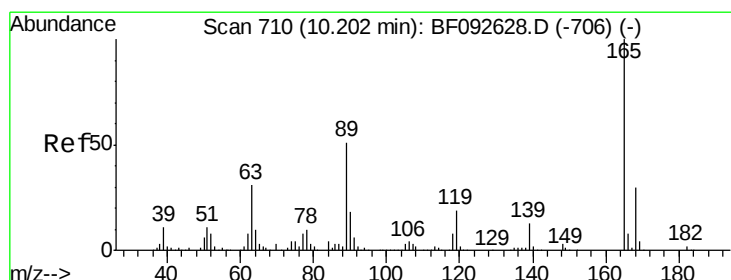
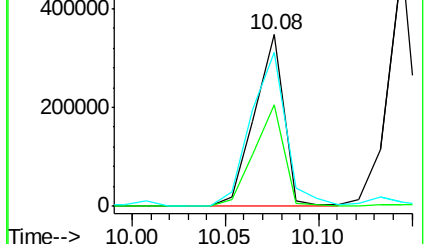
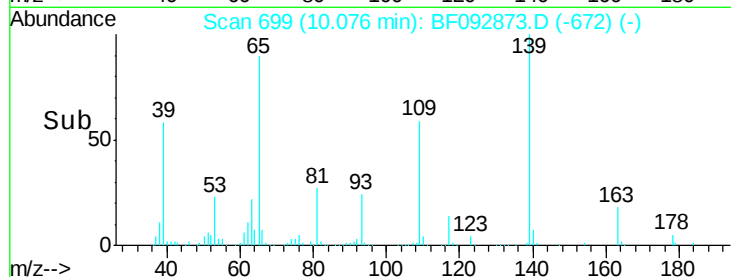
65 90.0 85.8 125.8



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: 47.43 ng

RT: 10.13 min Scan# 704

Delta R.T. -0.00 min

Lab File: BF092873.D

Acq: 9 Feb 2017 00:25

Tgt Ion:165 Resp: 306424

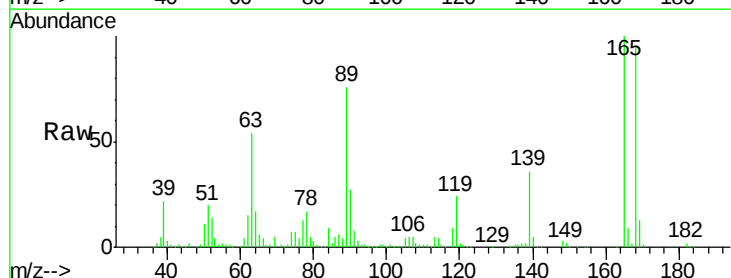
Ion Ratio Lower Upper

165 100

63 54.2 40.2 60.4

89 75.7 62.5 93.7

182 2.3 1.8 2.8

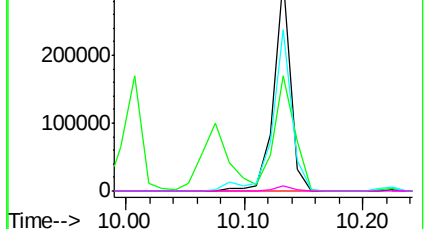
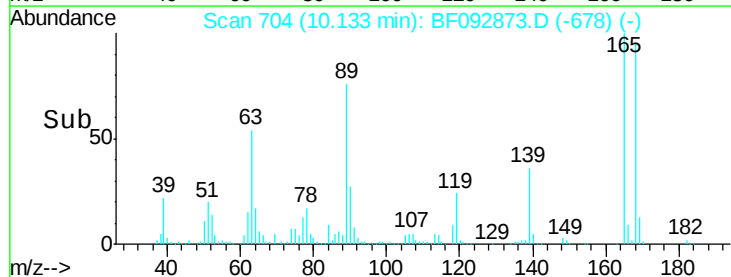


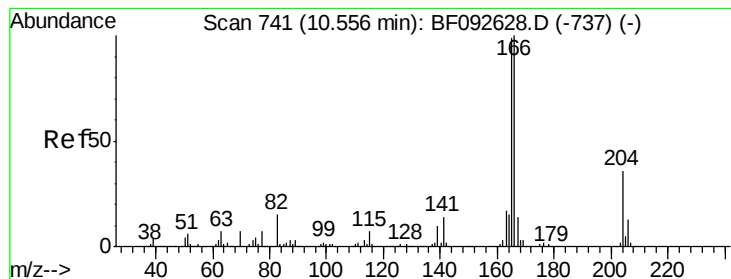
Abundance Ion 165.00 (164.70 to 165.70): E

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: 46.64 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.00 min

Lab File: BF092873.D

Acq: 9 Feb 2017 00:25

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMSD

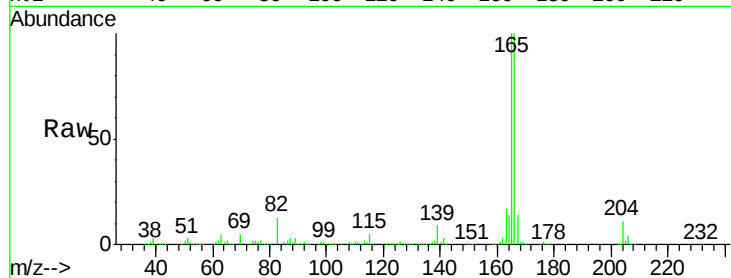
Tgt Ion:166 Resp: 936566

Ion Ratio Lower Upper

166 100

165 99.8 77.8 116.8

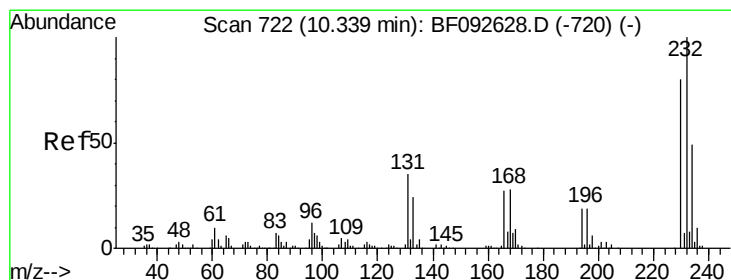
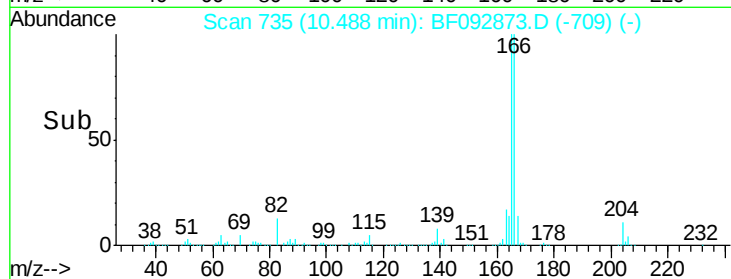
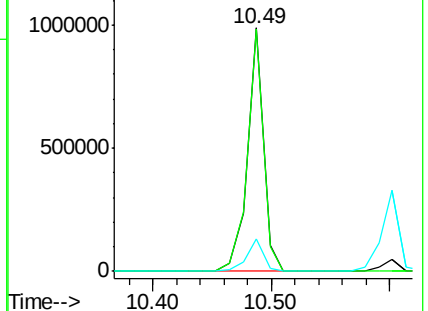
167 13.6 10.8 16.2



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: 57.30 ng

RT: 10.27 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF092873.D

Acq: 9 Feb 2017 00:25

Tgt Ion:232 Resp: 257672

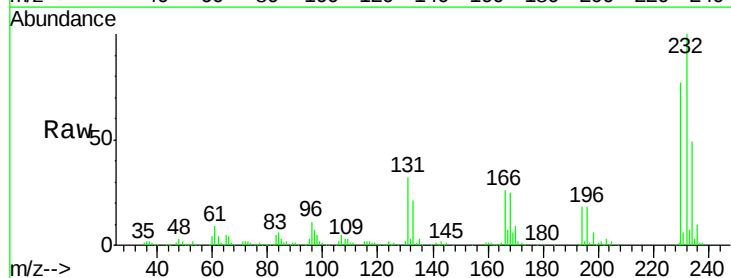
Ion Ratio Lower Upper

232 100

131 45.2 40.1 60.1

130 2.2 1.8 2.8

166 30.2 26.6 39.8

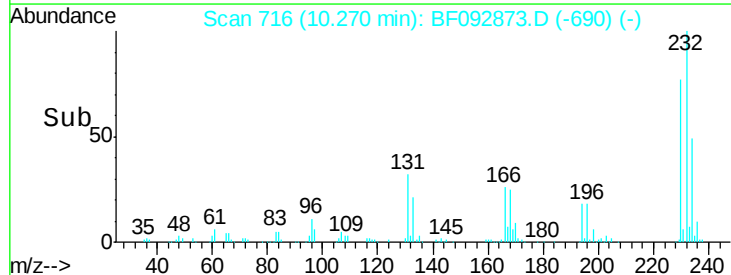
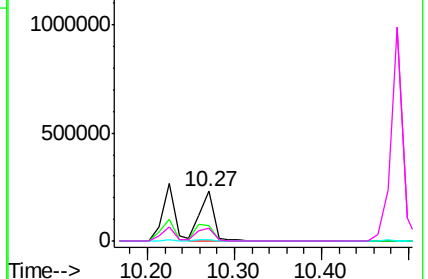


Abundance Ion 232.00 (231.70 to 232.70): E

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: 48.17 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF092873.D

Acq: 9 Feb 2017 00:25

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMSD

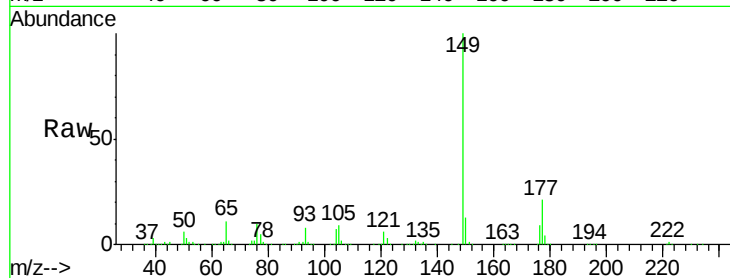
Tgt Ion:149 Resp: 1020087

Ion Ratio Lower Upper

149 100

177 21.4 16.6 25.0

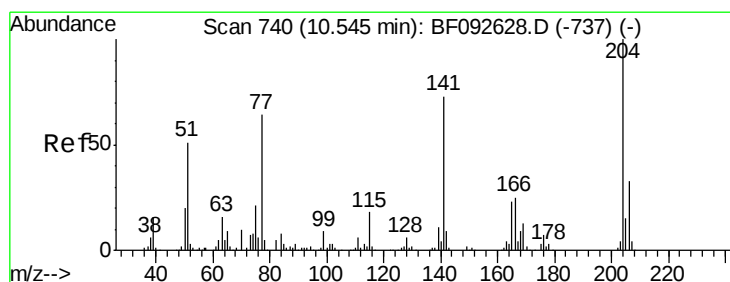
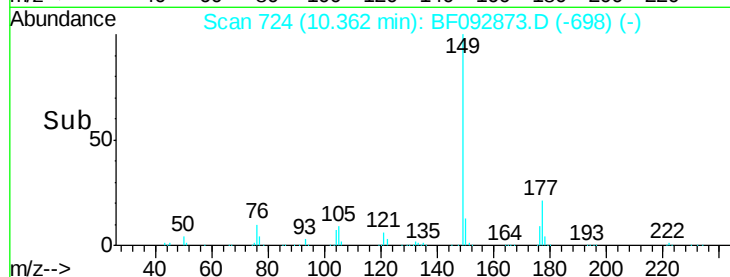
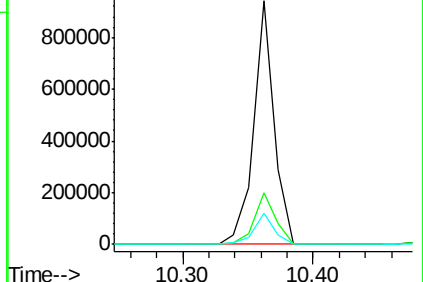
150 12.8 10.4 15.6



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: 43.28 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF092873.D

Acq: 9 Feb 2017 00:25

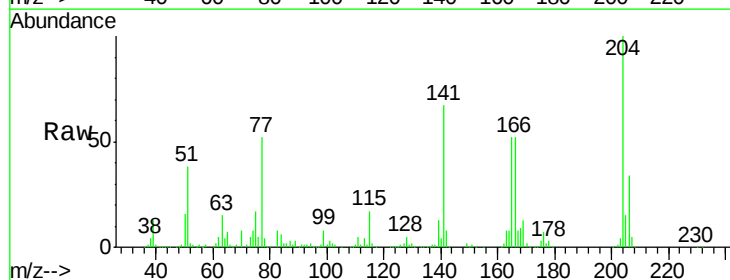
Tgt Ion:204 Resp: 417611

Ion Ratio Lower Upper

204 100

206 34.3 25.8 38.6

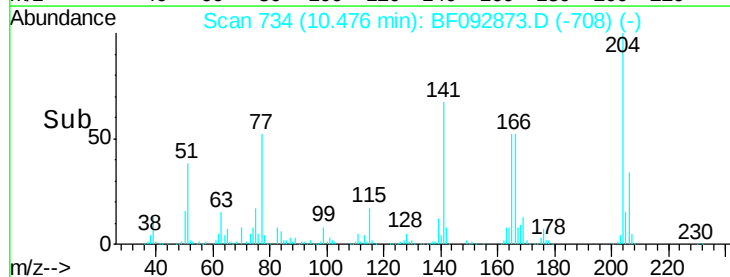
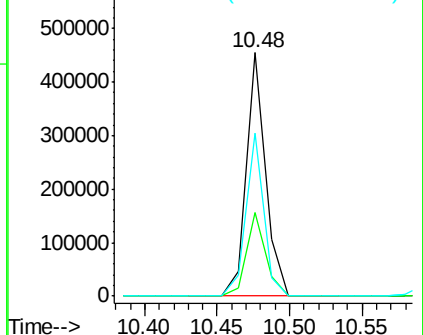
141 67.0 59.4 89.0

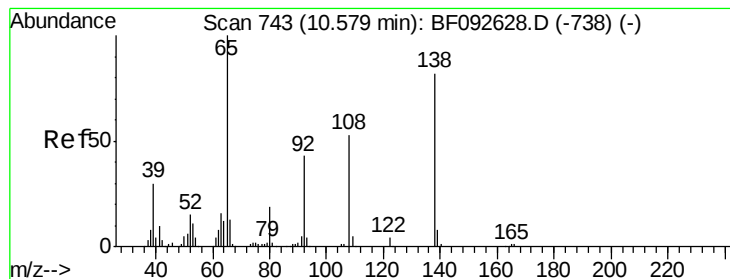


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 39.61 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF092873.D

Acq: 9 Feb 2017 00:25

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMSD

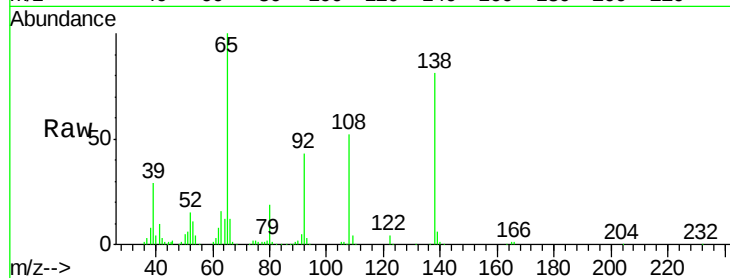
Tgt Ion:138 Resp: 225263

Ion Ratio Lower Upper

138 100

92 52.7 31.7 71.7

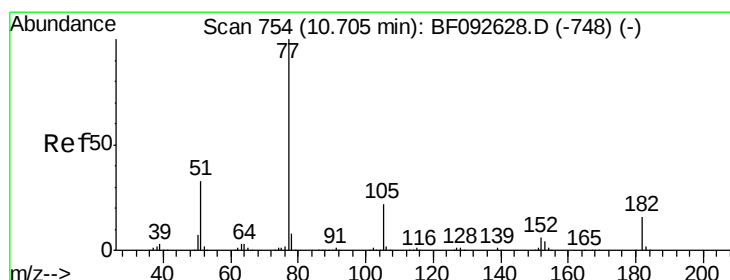
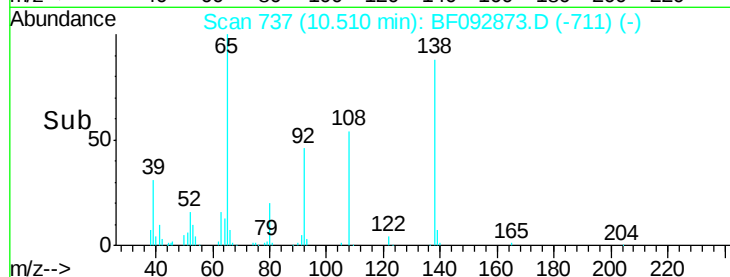
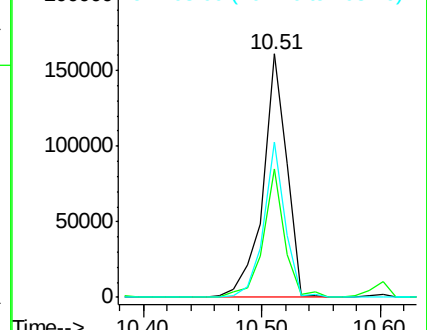
108 64.0 52.6 92.6



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: 51.15 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF092873.D

Acq: 9 Feb 2017 00:25

Tgt Ion: 77 Resp: 1118991

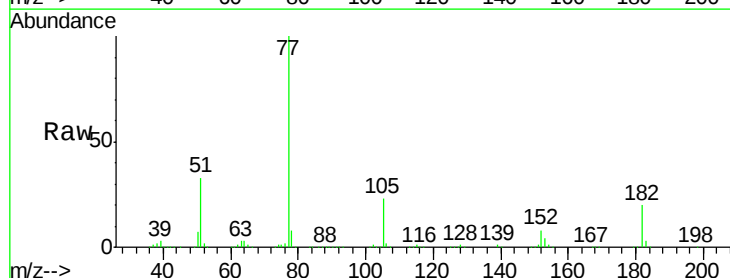
Ion Ratio Lower Upper

77 100

182 20.1 0.0 39.3

105 22.7 2.3 42.3

51 32.5 8.9 48.9

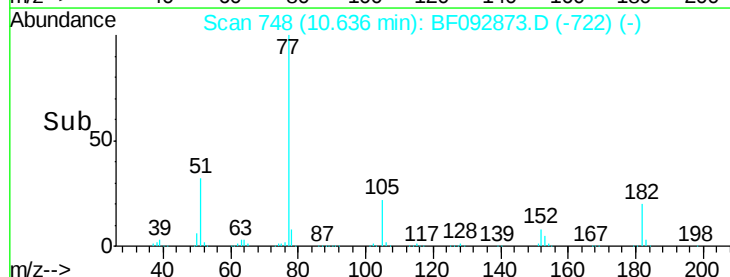
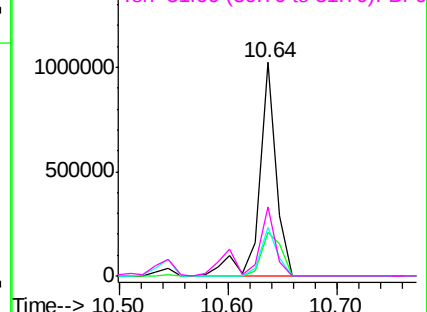


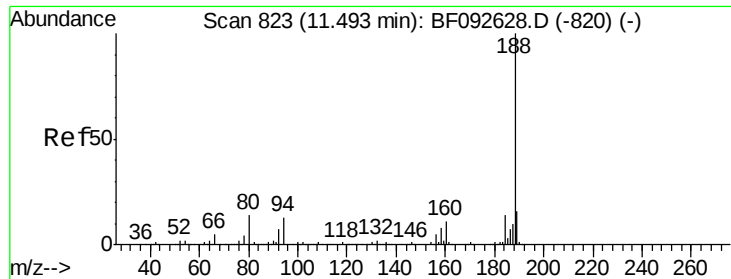
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.42 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF092873.D

Acq: 9 Feb 2017 00:25

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMSD

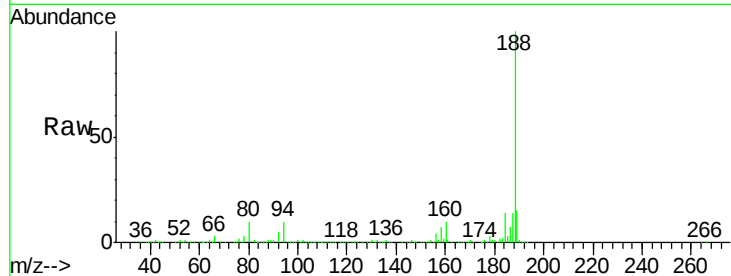
Tgt Ion:188 Resp: 550405

Ion Ratio Lower Upper

188 100

94 9.6 10.0 15.0#

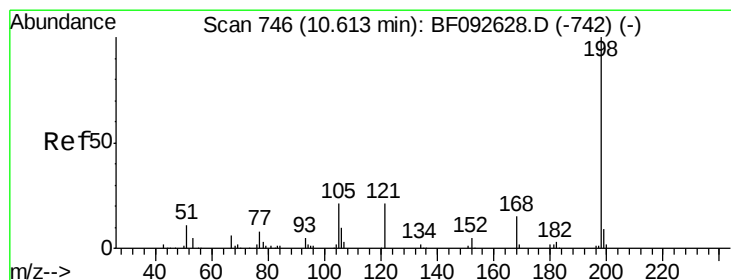
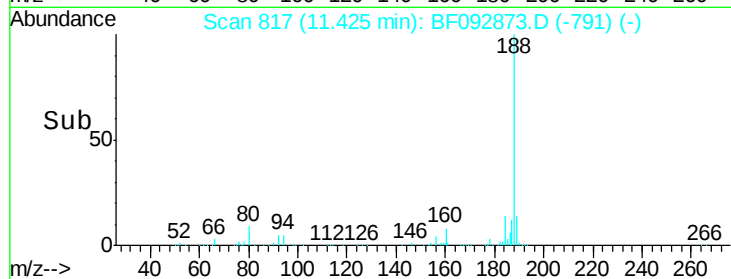
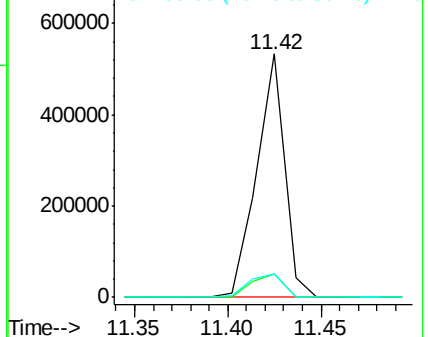
80 9.7 11.2 16.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 57.04 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF092873.D

Acq: 9 Feb 2017 00:25

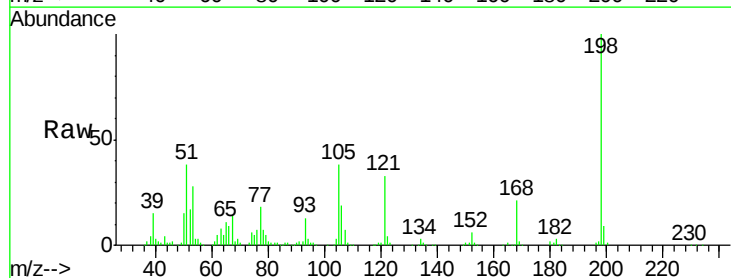
Tgt Ion:198 Resp: 192876

Ion Ratio Lower Upper

198 100

51 38.3 6.7 46.7

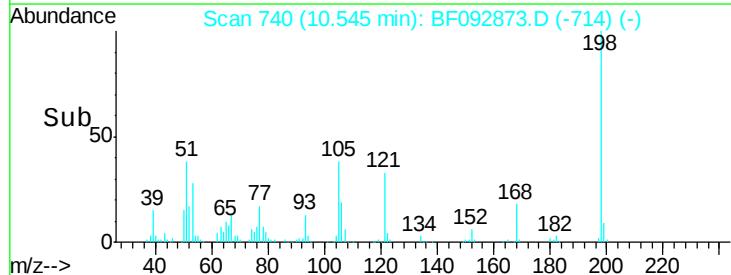
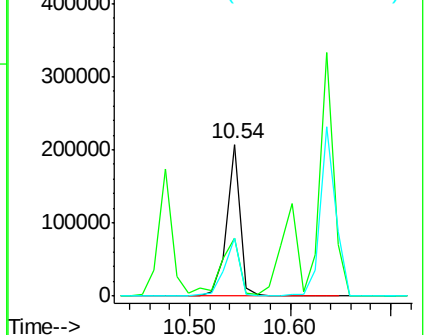
105 38.3 16.6 56.6

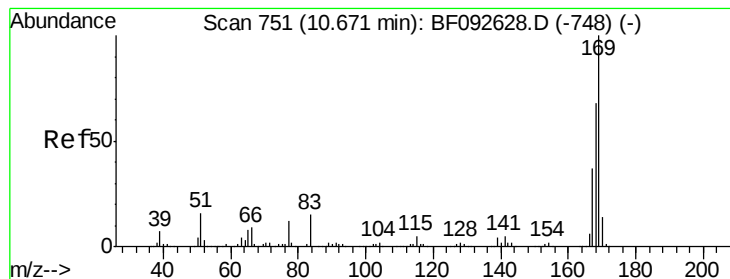


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 50.65 ng

RT: 10.60 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF092873.D

Acq: 9 Feb 2017 00:25

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMSD

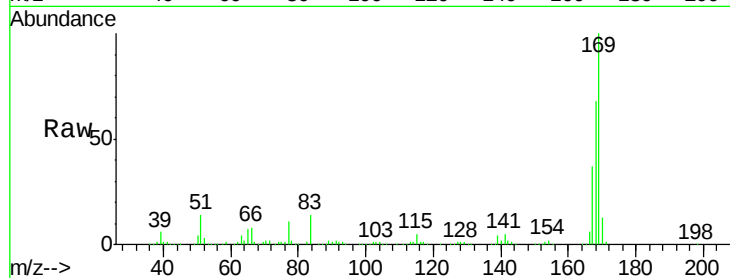
Tgt Ion:169 Resp: 890494

Ion Ratio Lower Upper

169 100

168 68.0 54.2 81.2

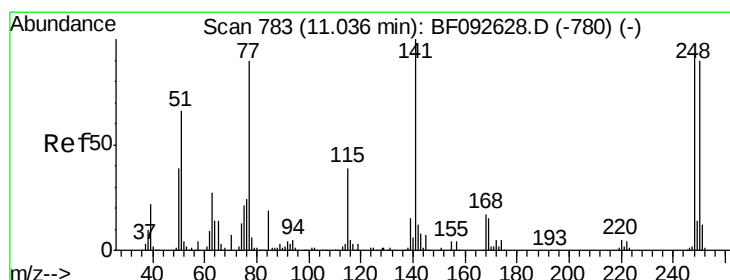
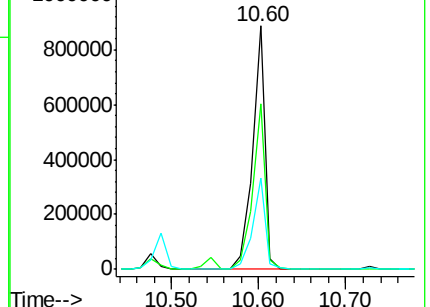
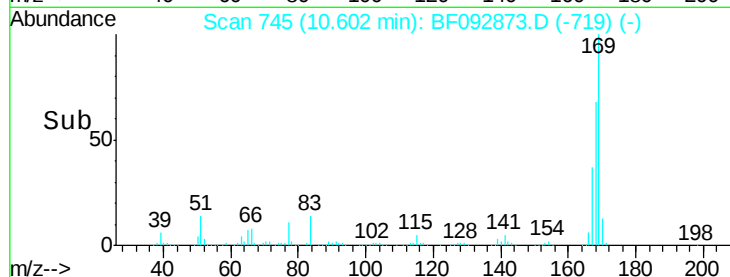
167 37.4 30.2 45.4



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: 47.61 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF092873.D

Acq: 9 Feb 2017 00:25

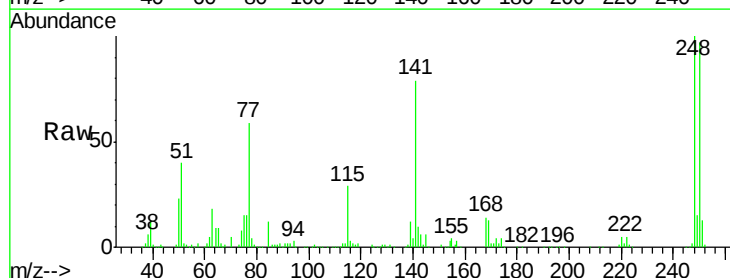
Tgt Ion:248 Resp: 273750

Ion Ratio Lower Upper

248 100

250 96.5 76.9 115.3

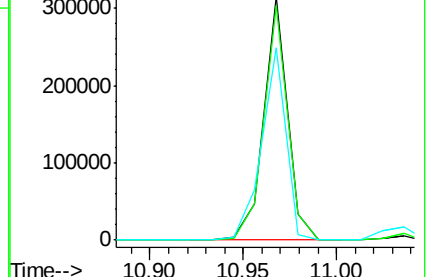
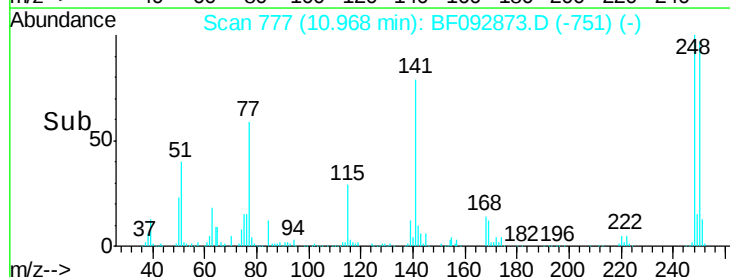
141 78.9 68.2 102.4

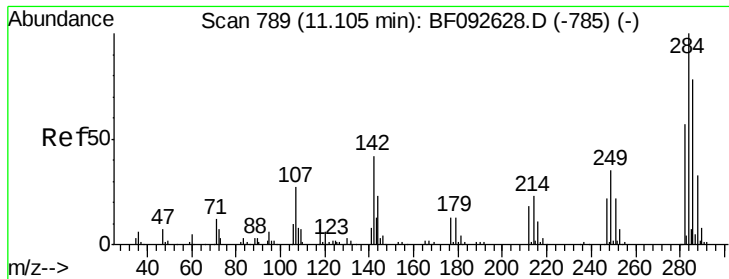


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

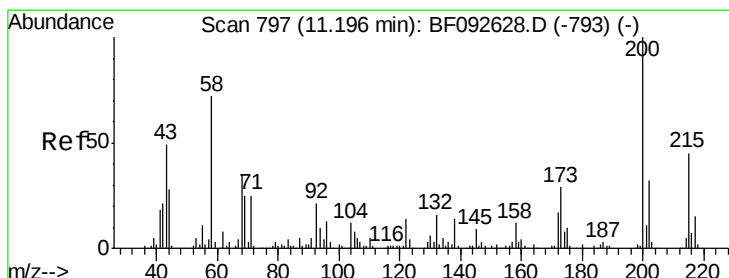
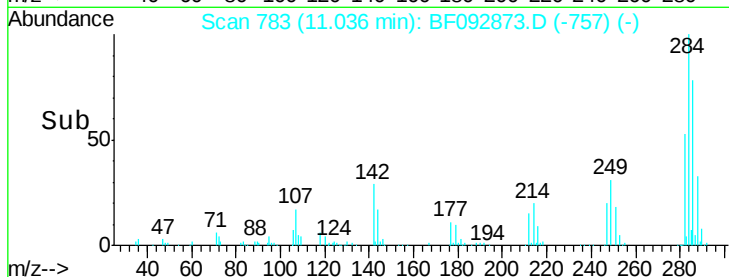
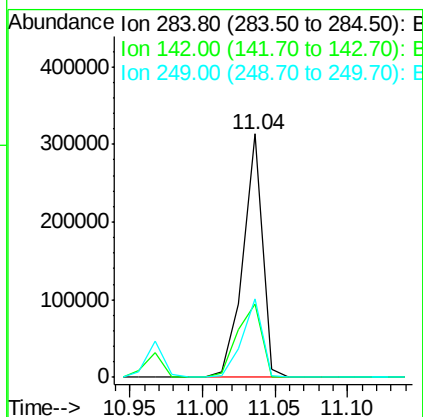
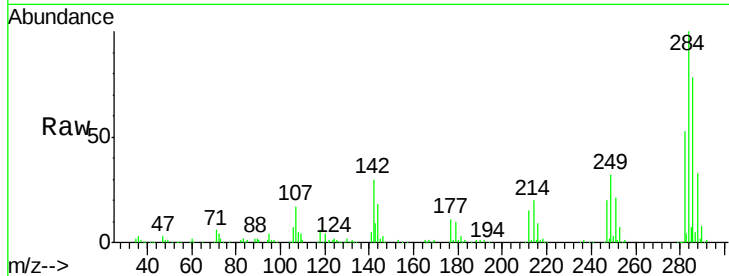




#67
Hexachlorobenzene
Concen: 51.44 ng
RT: 11.04 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF092873.D
Acq: 9 Feb 2017 00:25

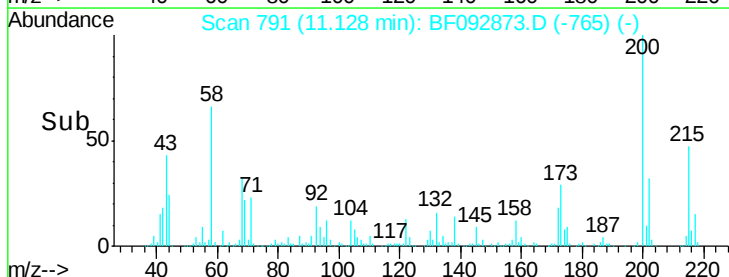
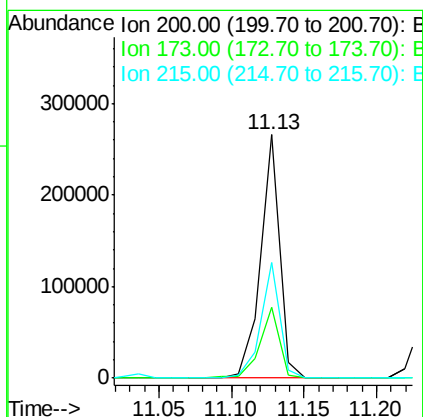
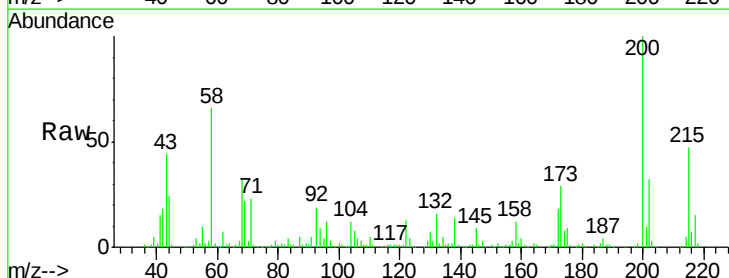
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMSD

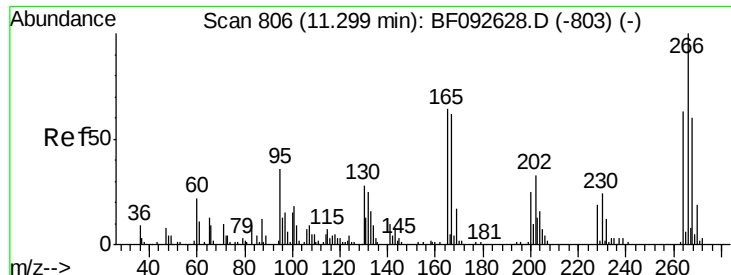
Tgt Ion:	284	Resp:	292322
Ion	Ratio	Lower	Upper
284	100		
142	30.3	22.6	33.8
249	32.0	25.4	38.0



#68
Atrazine
Concen: 43.03 ng
RT: 11.13 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF092873.D
Acq: 9 Feb 2017 00:25

Tgt Ion:	200	Resp:	242789
Ion	Ratio	Lower	Upper
200	100		
173	28.9	9.6	49.6
215	47.4	25.7	65.7

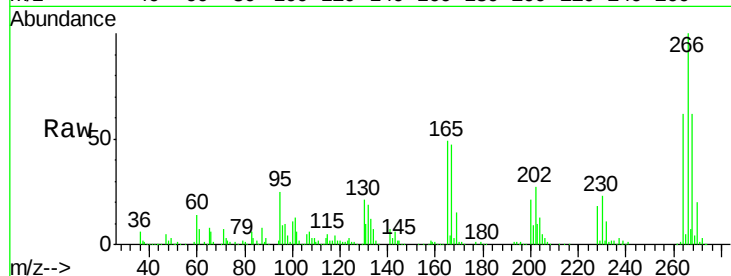




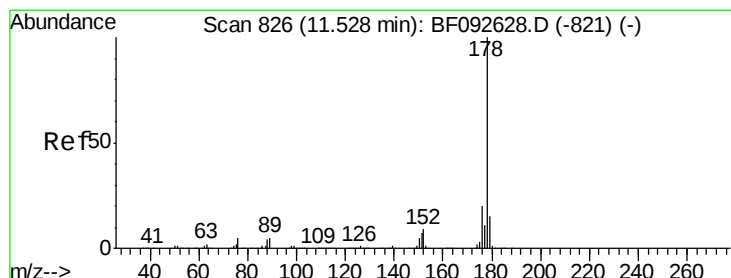
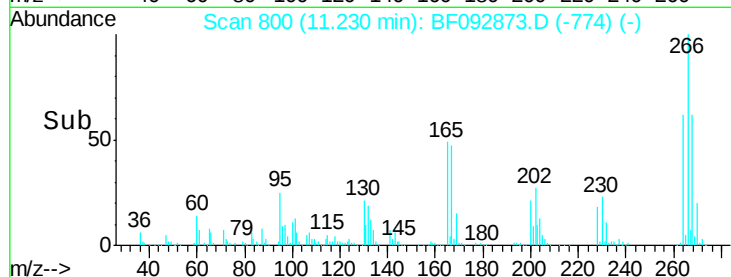
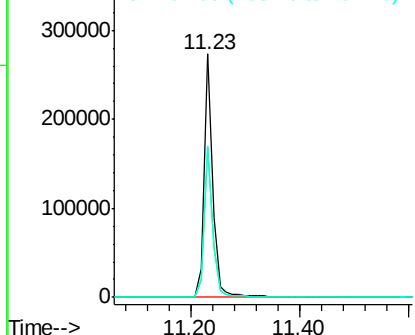
#69
 Pentachlorophenol
 Concen: 99.51 ng
 RT: 11.23 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF092873.D
 Acq: 9 Feb 2017 00:25

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMPMSD

Tgt Ion:266 Resp: 297581
 Ion Ratio Lower Upper
 266 100
 268 61.5 53.3 79.9
 264 62.3 50.3 75.5

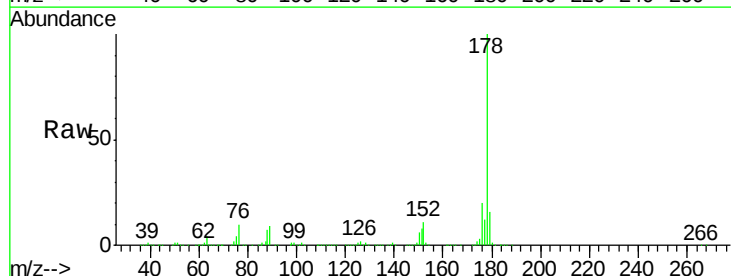


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

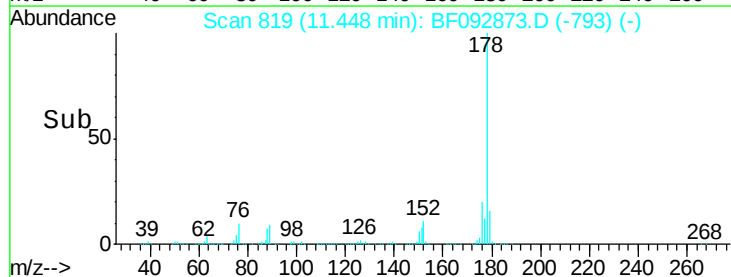
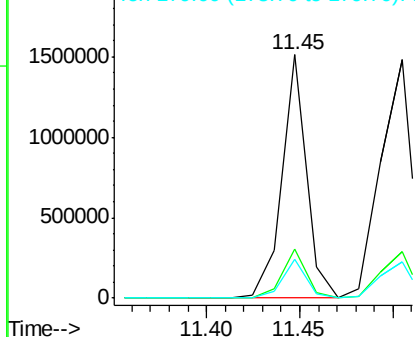


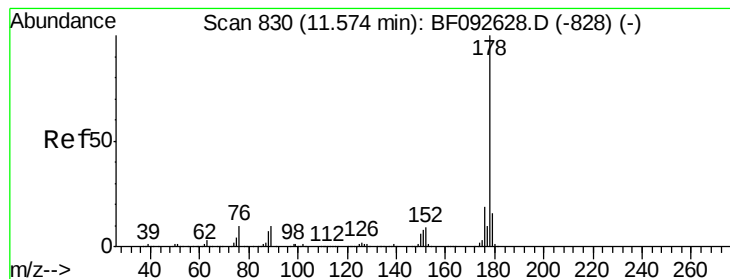
#70
 Phenanthrene
 Concen: 44.04 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF092873.D
 Acq: 9 Feb 2017 00:25

Tgt Ion:178 Resp: 1388763
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.6 25.0
 179 15.8 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: 52.37 ng

RT: 11.50 min Scan# 824

Delta R.T. -0.00 min

Lab File: BF092873.D

Acq: 9 Feb 2017 00:25

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMSD

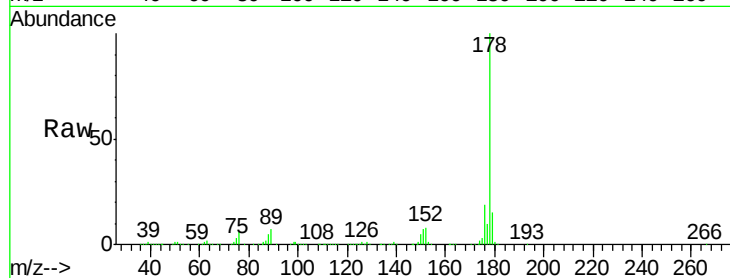
Tgt Ion:178 Resp: 1658395

Ion Ratio Lower Upper

178 100

176 19.3 15.9 23.9

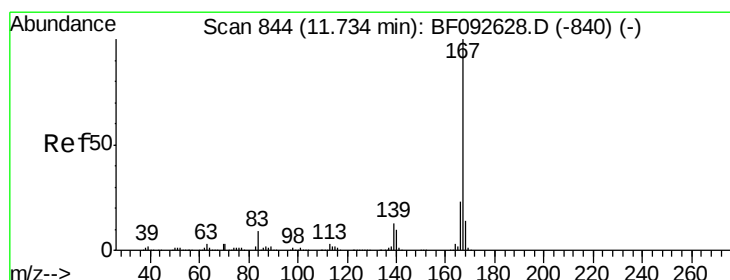
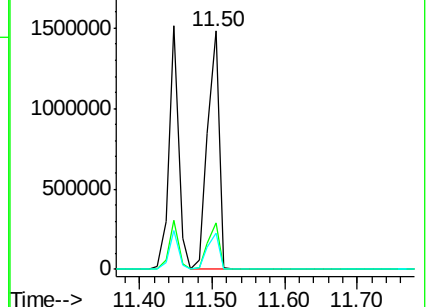
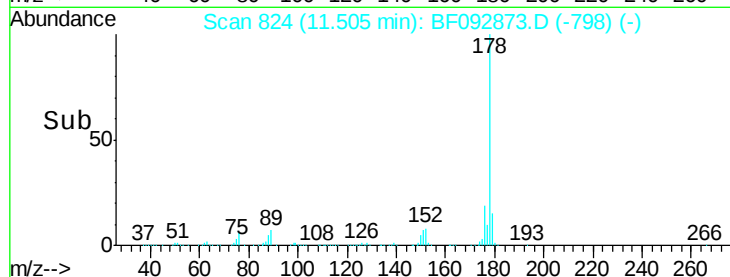
179 15.4 13.2 19.8



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: 43.82 ng

RT: 11.65 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF092873.D

Acq: 9 Feb 2017 00:25

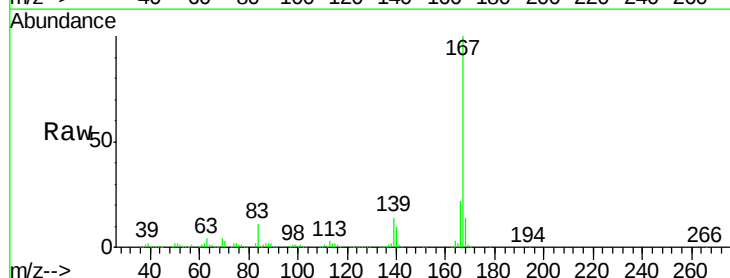
Tgt Ion:167 Resp: 1326535

Ion Ratio Lower Upper

167 100

166 22.4 18.2 27.2

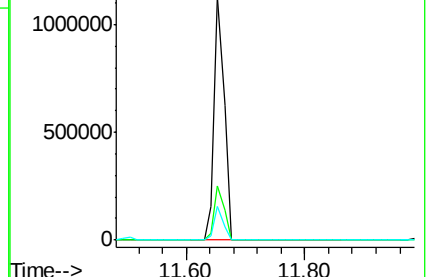
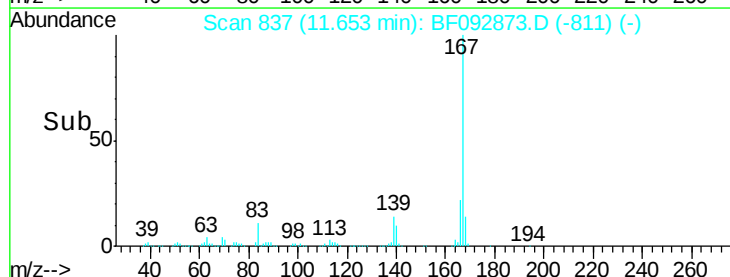
139 13.6 11.4 17.2



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: 53.97 ng

RT: 11.98 min Scan# 866

Delta R.T. -0.00 min

Lab File: BF092873.D

Acq: 9 Feb 2017 00:25

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMSD

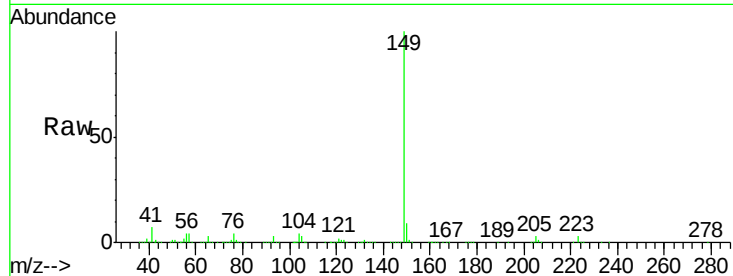
Tgt Ion:149 Resp: 1766787

Ion Ratio Lower Upper

149 100

150 9.4 8.1 12.1

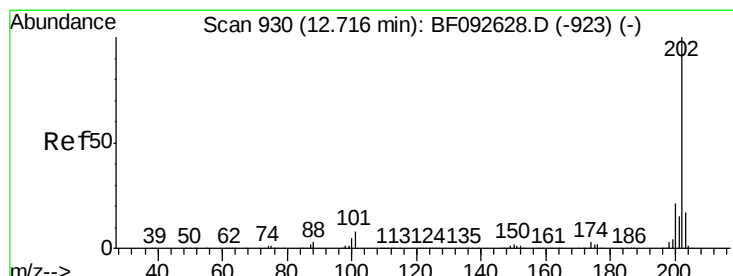
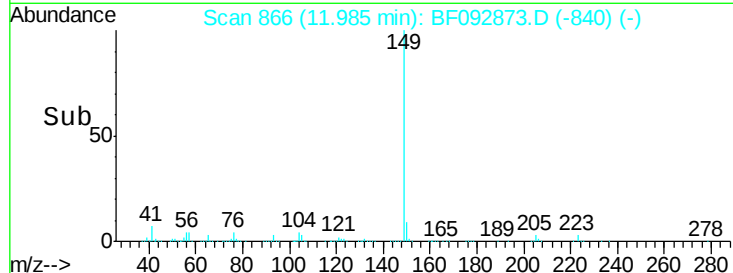
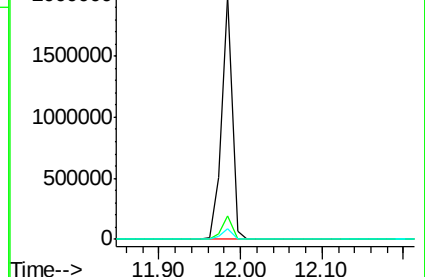
104 4.2 4.6 7.0#



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: 46.00 ng

RT: 12.64 min Scan# 923

Delta R.T. -0.00 min

Lab File: BF092873.D

Acq: 9 Feb 2017 00:25

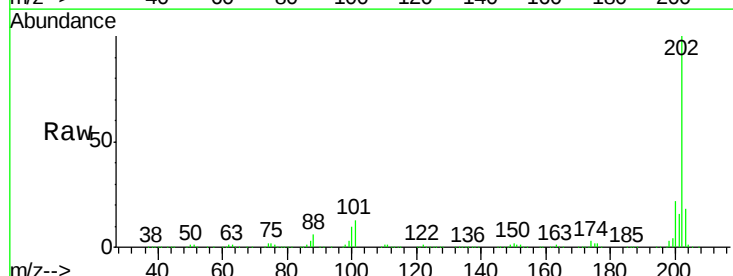
Tgt Ion:202 Resp: 1496368

Ion Ratio Lower Upper

202 100

101 12.9 0.0 34.6

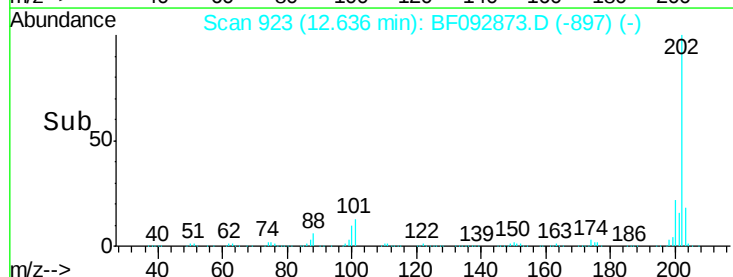
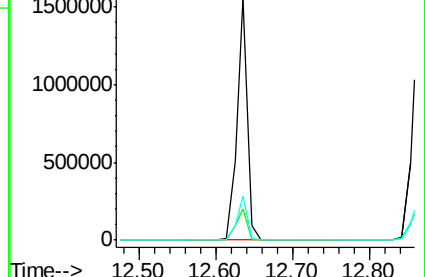
203 18.1 0.0 38.7

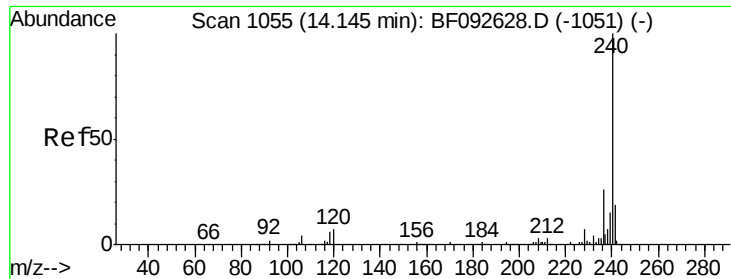


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.07 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF092873.D

Acq: 9 Feb 2017 00:25

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMSD

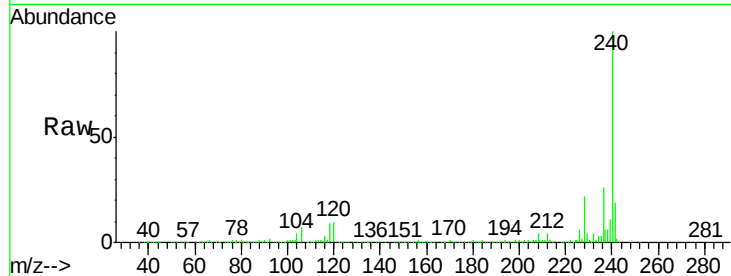
Tgt Ion:240 Resp: 470268

Ion Ratio Lower Upper

240 100

120 10.5 12.9 19.3#

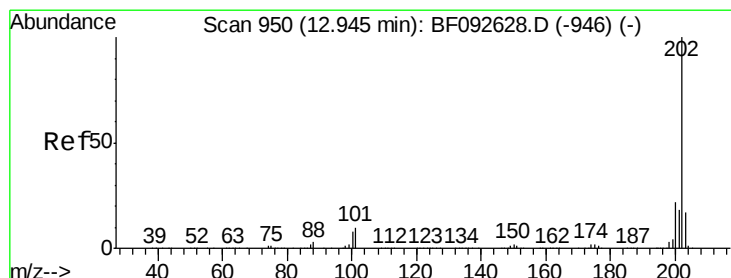
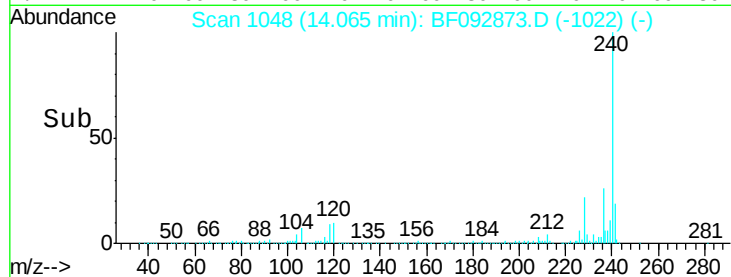
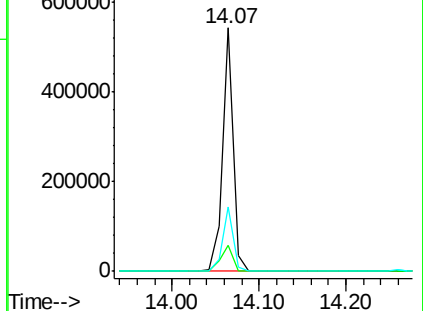
236 26.2 20.9 31.3



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



#77

Pyrene

Concen: 43.07 ng

RT: 12.86 min Scan# 943

Delta R.T. -0.00 min

Lab File: BF092873.D

Acq: 9 Feb 2017 00:25

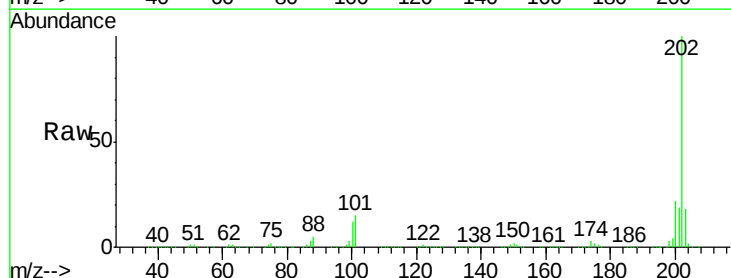
Tgt Ion:202 Resp: 1515684

Ion Ratio Lower Upper

202 100

200 22.1 17.7 26.5

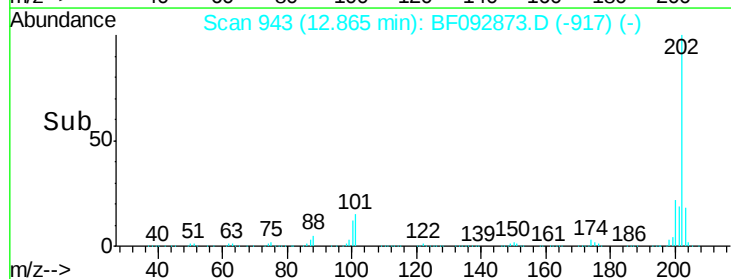
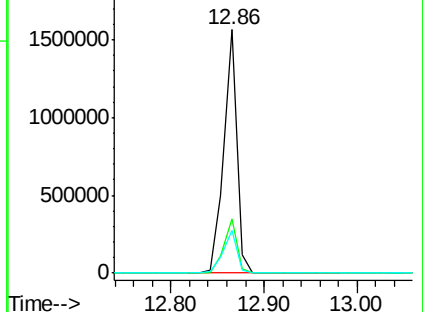
203 17.8 14.7 22.1

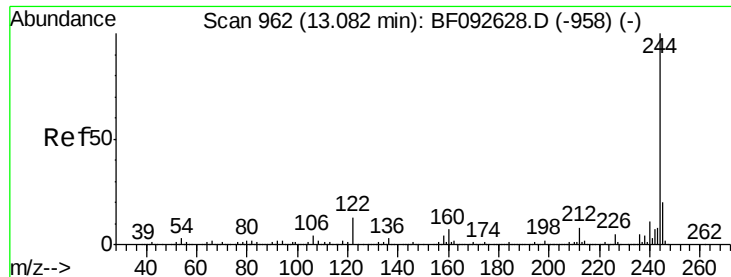


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

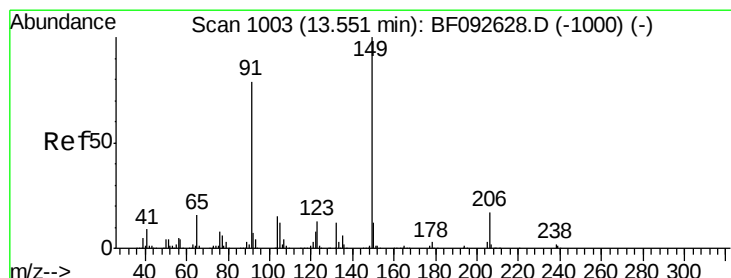
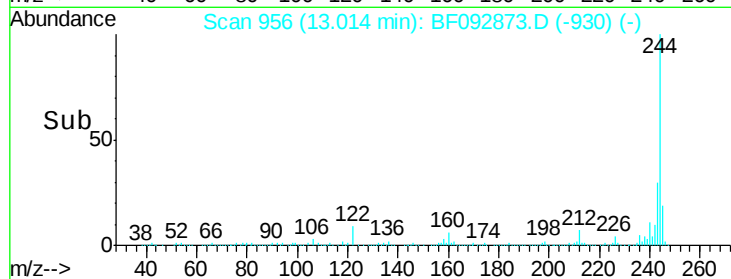
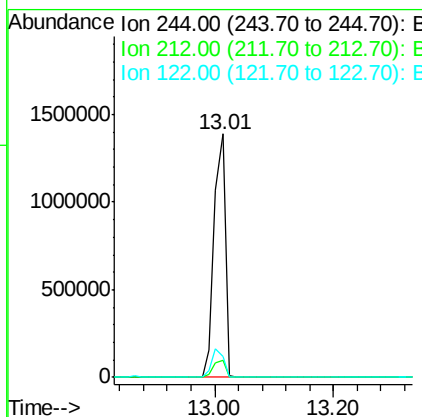
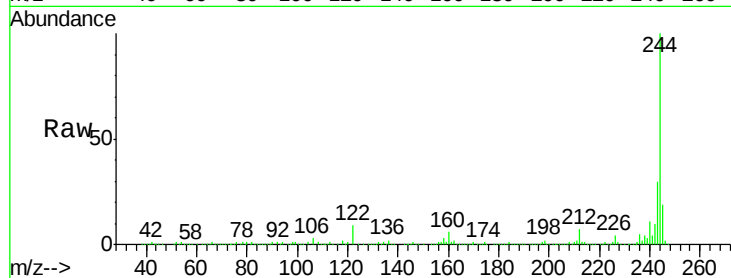




#78
 Terphenyl-d14
 Concen: 90.56 ng
 RT: 13.01 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: BF092873.D
 Acq: 9 Feb 2017 00:25

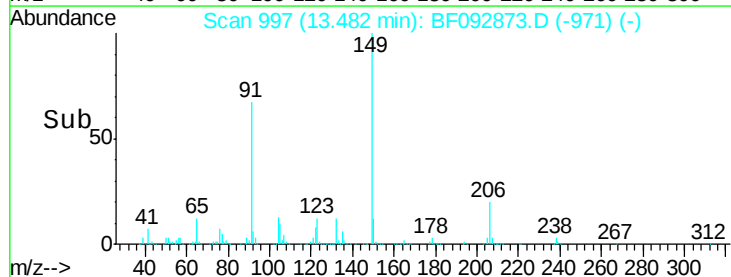
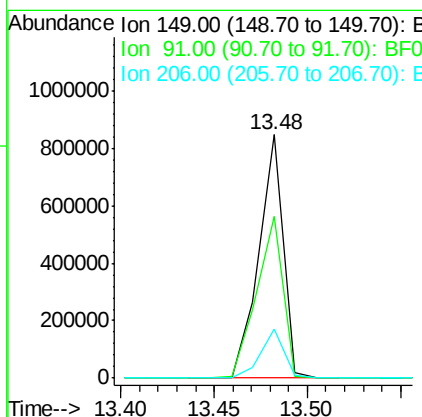
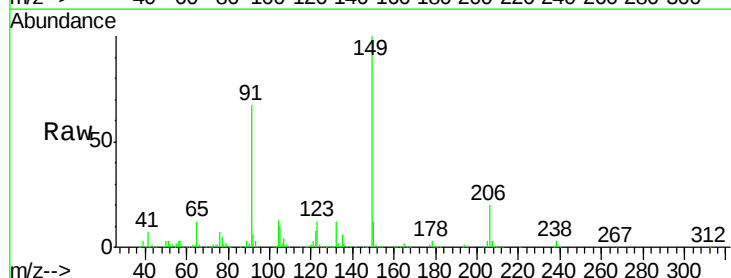
Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMPMSD

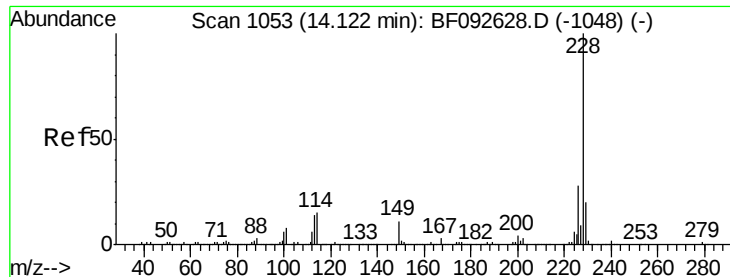
Tgt Ion:244 Resp: 1812475
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.2 9.2
 122 8.5 11.4 17.2#



#79
 Butylbenzylphthalate
 Concen: 54.73 ng
 RT: 13.48 min Scan# 997
 Delta R.T. -0.00 min
 Lab File: BF092873.D
 Acq: 9 Feb 2017 00:25

Tgt Ion:149 Resp: 782118
 Ion Ratio Lower Upper
 149 100
 91 66.6 63.9 95.9
 206 20.0 14.6 21.8





#80

Benzo(a)anthracene

Concen: 46.63 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.00 min

Lab File: BF092873.D

Acq: 9 Feb 2017 00:25

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMSD

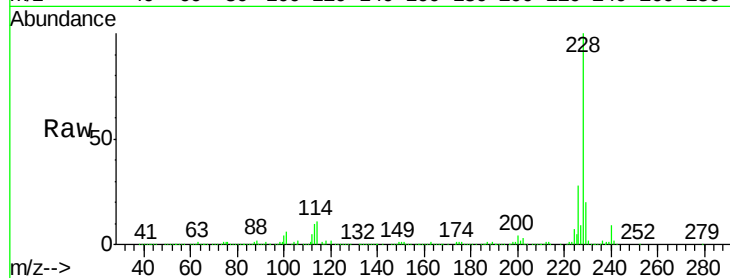
Tgt Ion:228 Resp: 1341199

Ion Ratio Lower Upper

228 100

226 28.5 22.4 33.6

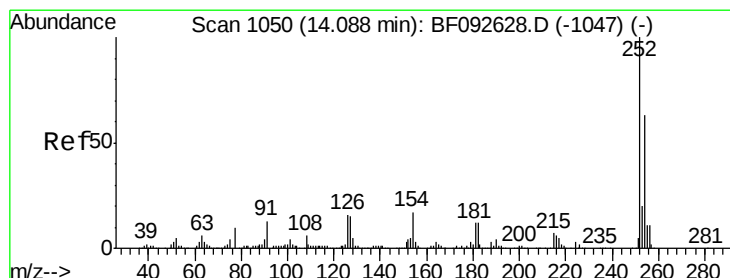
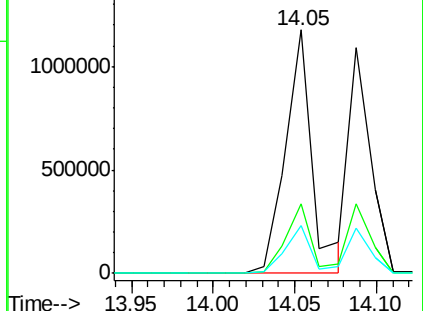
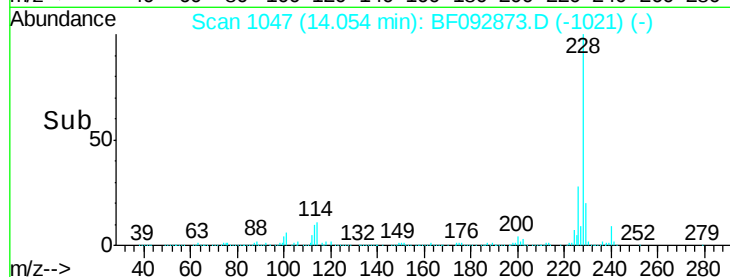
229 19.7 16.2 24.4



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: 17.76 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.00 min

Lab File: BF092873.D

Acq: 9 Feb 2017 00:25

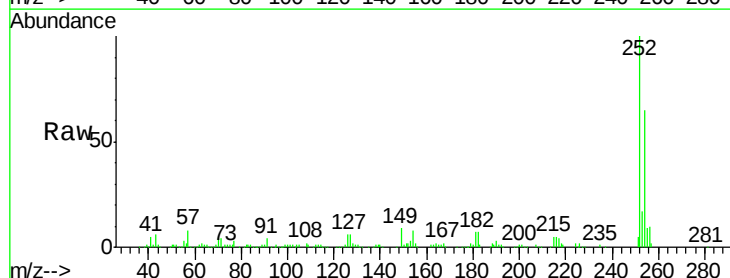
Tgt Ion:252 Resp: 182078

Ion Ratio Lower Upper

252 100

254 65.5 52.3 78.5

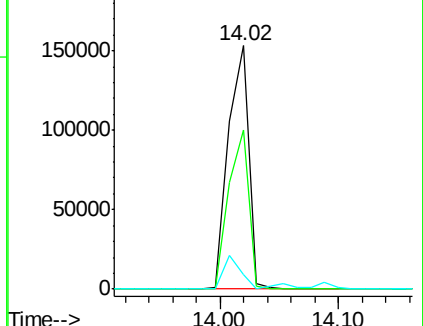
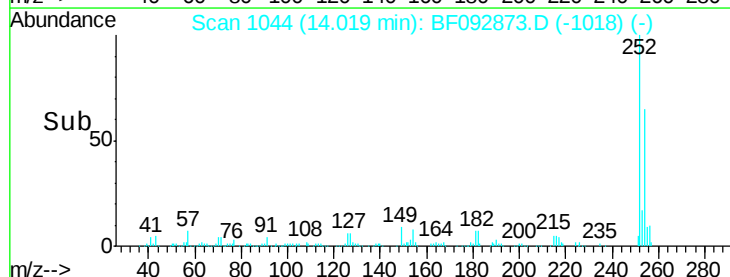
126 6.2 13.6 20.4#

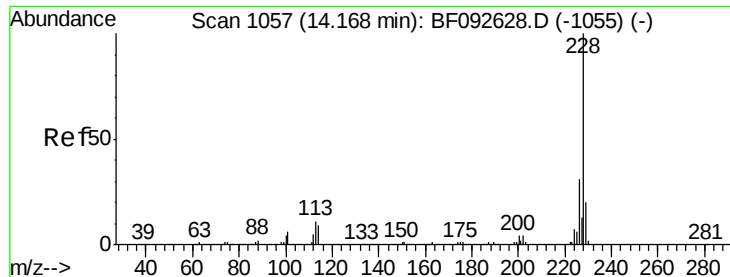


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 38.89 ng

RT: 14.09 min Scan# 1050

Delta R.T. -0.00 min

Lab File: BF092873.D

Acq: 9 Feb 2017 00:25

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMSD

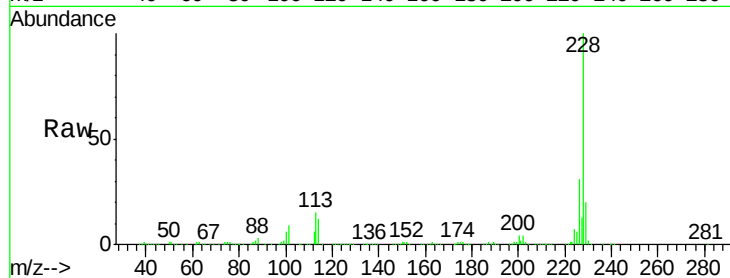
Tgt Ion:228 Resp: 1047376

Ion Ratio Lower Upper

228 100

226 31.0 25.4 38.0

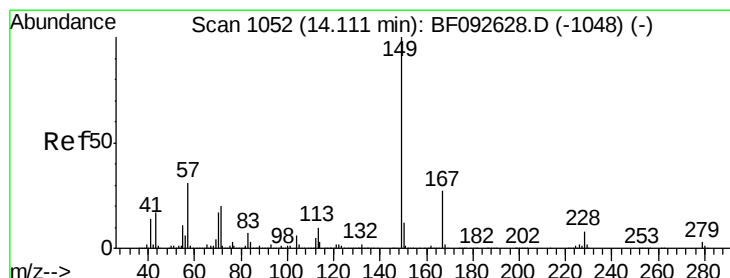
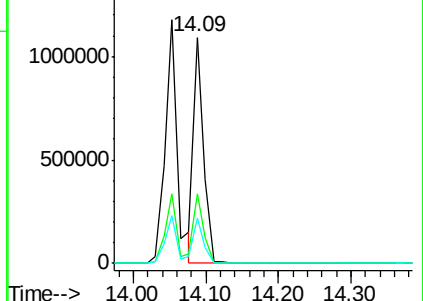
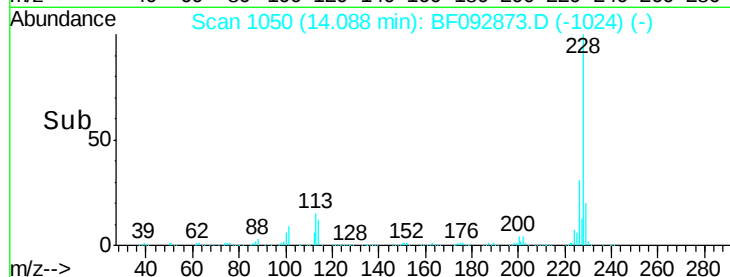
229 20.0 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 53.21 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.00 min

Lab File: BF092873.D

Acq: 9 Feb 2017 00:25

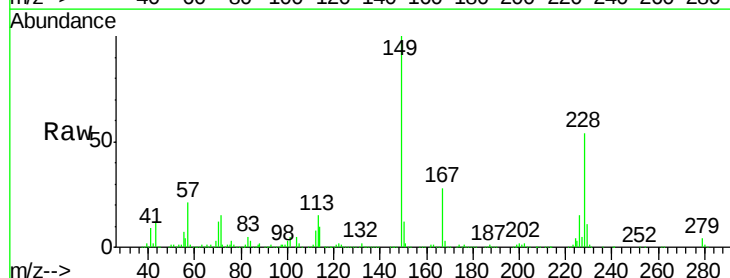
Tgt Ion:149 Resp: 1040034

Ion Ratio Lower Upper

149 100

167 27.7 20.2 30.4

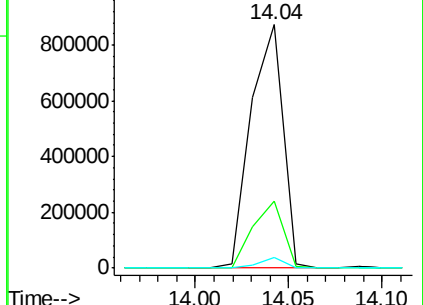
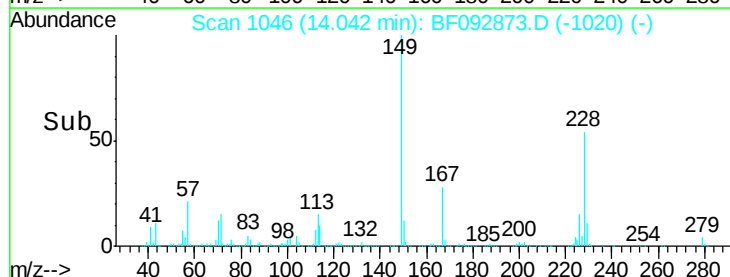
279 4.2 1.8 2.8#

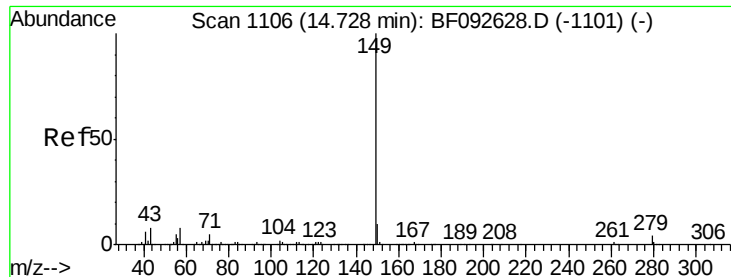


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

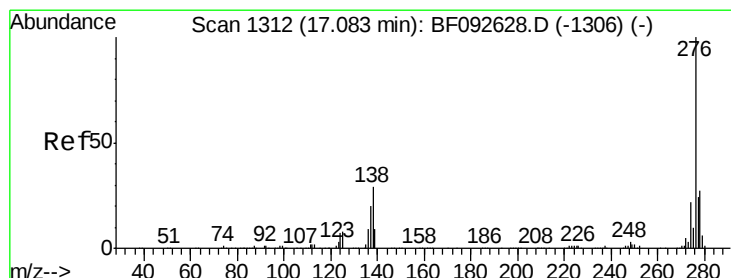
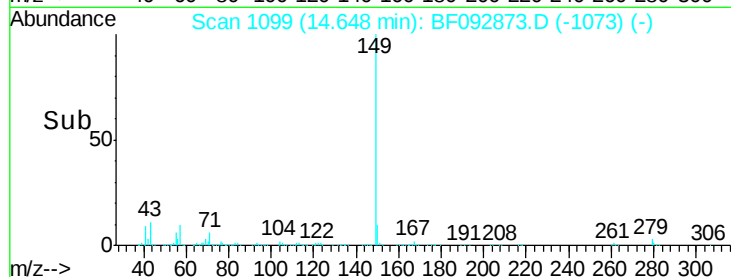
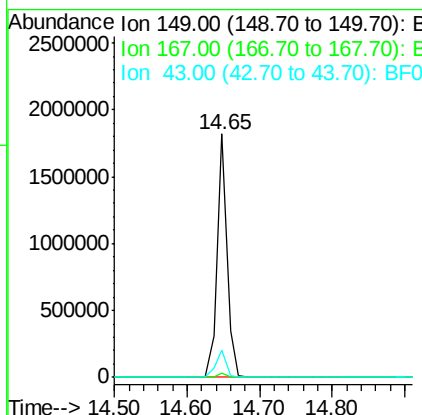
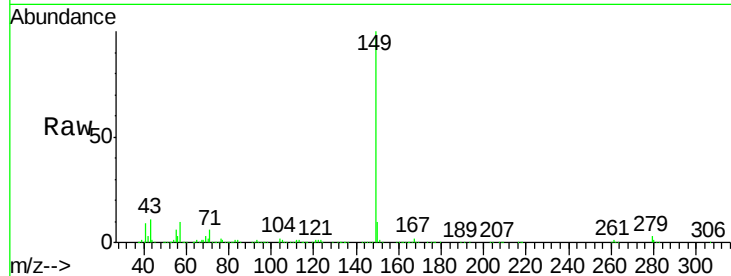




#84
 Di-n-octyl phthalate
 Concen: 54.03 ng
 RT: 14.65 min Scan# 1099
 Delta R.T. -0.00 min
 Lab File: BF092873.D
 Acq: 9 Feb 2017 00:25

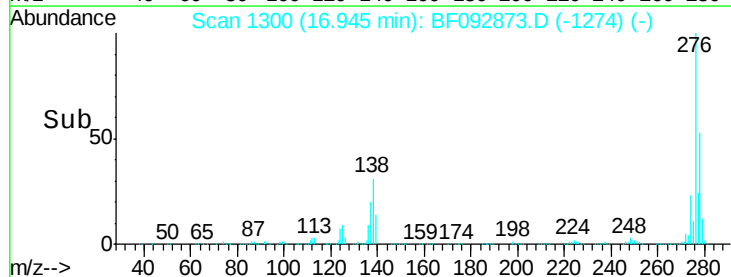
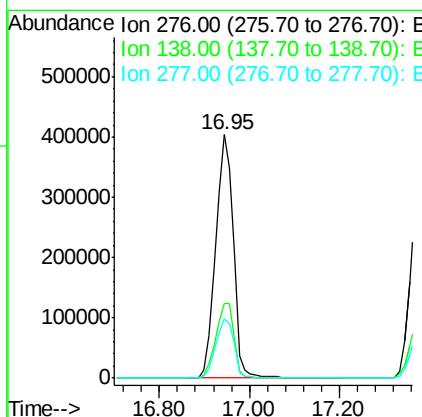
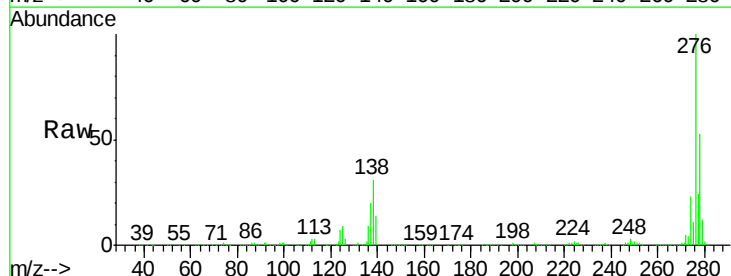
Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMPMSD

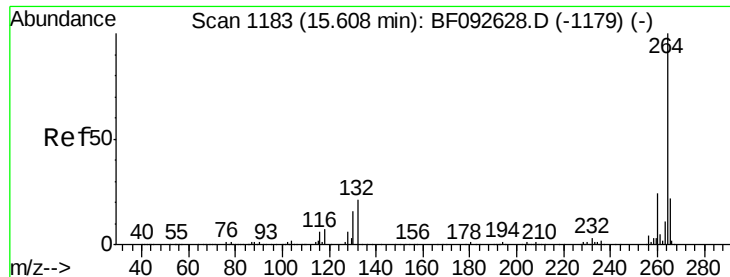
Tgt Ion:149 Resp: 1719714
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 11.5 8.9 13.3



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 53.22 ng
 RT: 16.95 min Scan# 1300
 Delta R.T. -0.00 min
 Lab File: BF092873.D
 Acq: 9 Feb 2017 00:25

Tgt Ion:276 Resp: 1110043
 Ion Ratio Lower Upper
 276 100
 138 31.7 21.8 32.6
 277 25.0 20.2 30.4

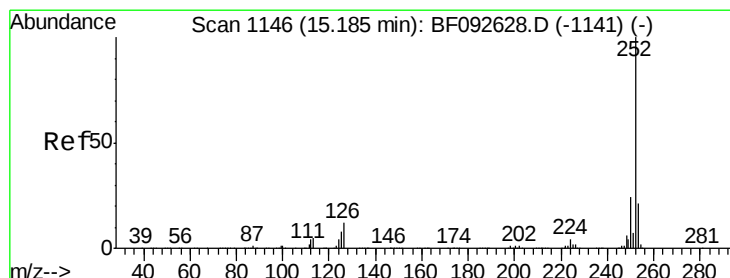
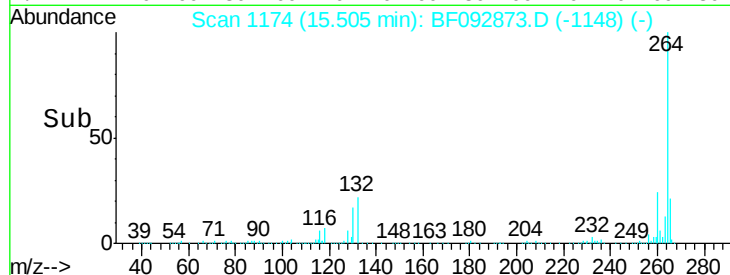
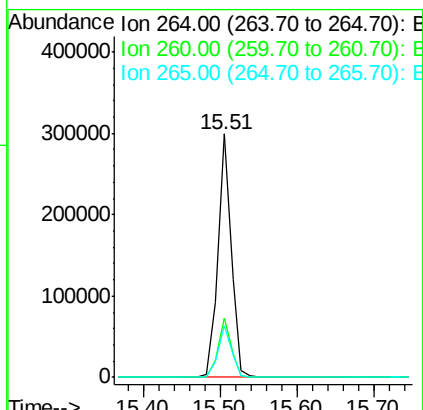
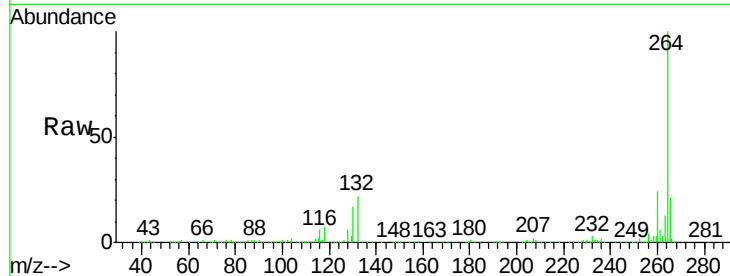




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BF092873.D
Acq: 9 Feb 2017 00:25

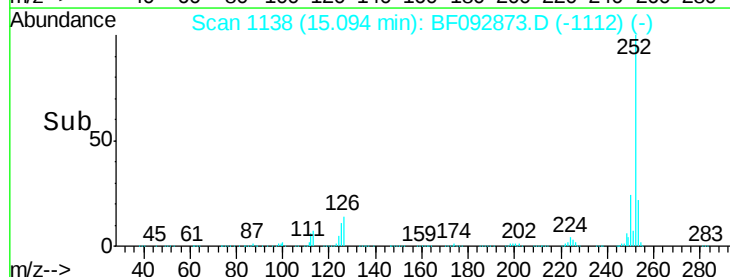
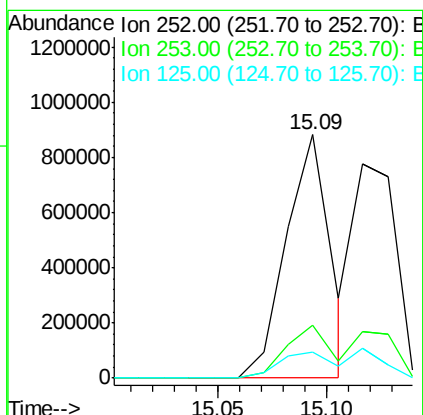
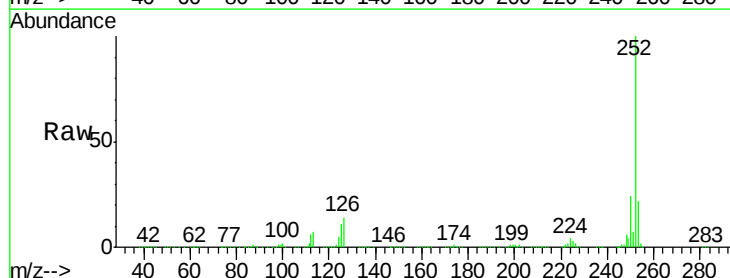
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMSD

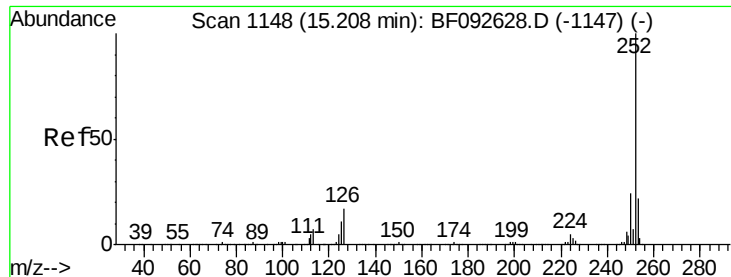
Tgt Ion: 264 Resp: 363579
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 21.0 17.4 26.0



#87
Benzo(b)fluoranthene
Concen: 52.13 ng
RT: 15.09 min Scan# 1138
Delta R.T. -0.00 min
Lab File: BF092873.D
Acq: 9 Feb 2017 00:25

Tgt Ion: 252 Resp: 1247488
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.4
125 10.7 9.8 14.6

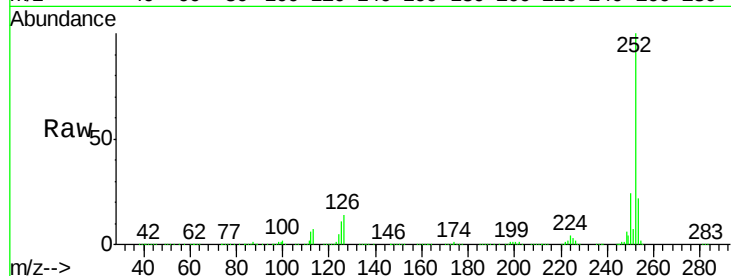




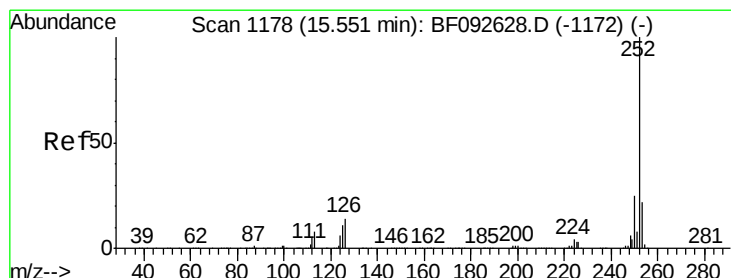
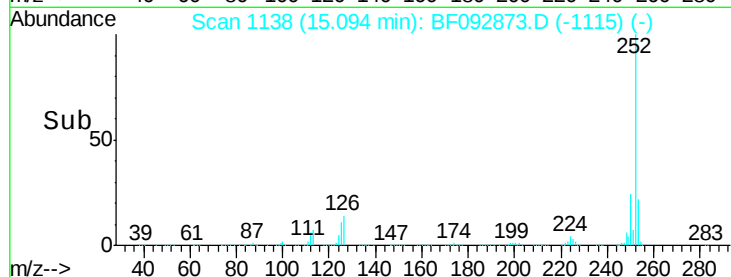
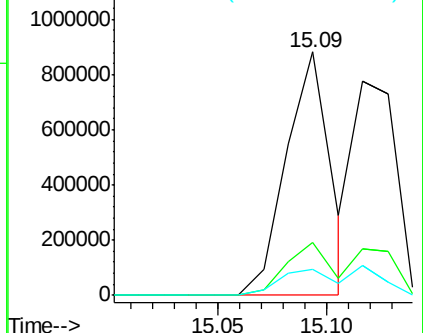
#88
Benzo(k)fluoranthene
Concen: 60.38 ng
RT: 15.09 min Scan# 1138
Delta R.T. -0.03 min
Lab File: BF092873.D
Acq: 9 Feb 2017 00:25

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMSD

Tgt Ion:252 Resp: 1247488
Ion Ratio Lower Upper
252 100
253 21.9 18.5 27.7
125 10.7 8.9 13.3

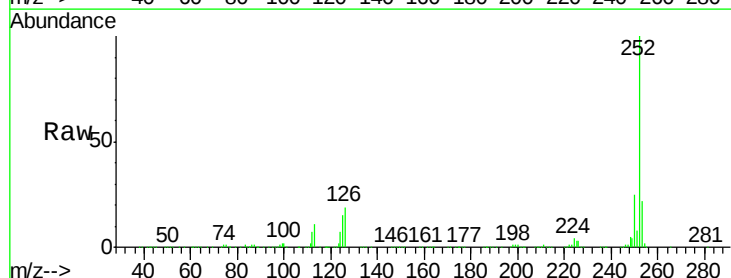


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

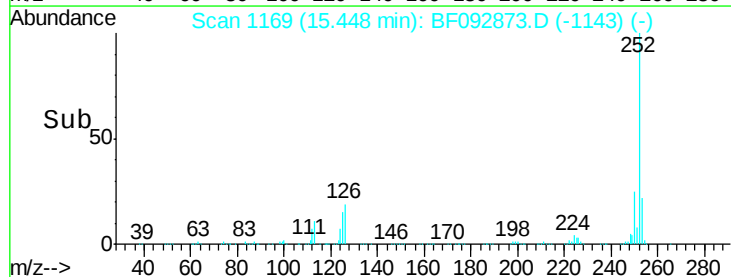
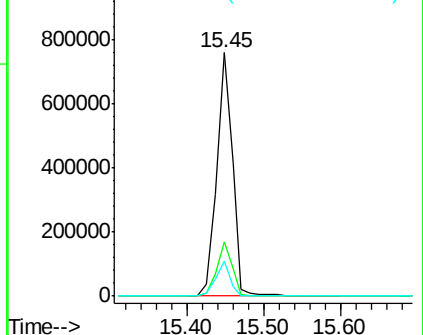


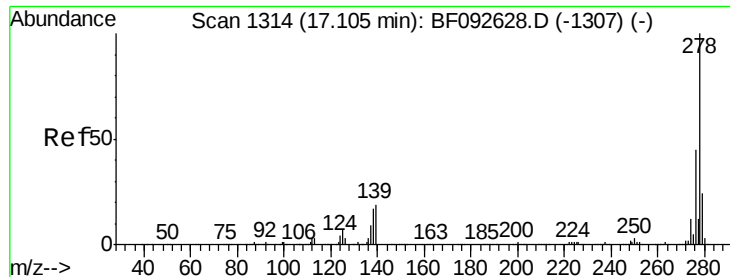
#89
Benzo(a)pyrene
Concen: 52.16 ng
RT: 15.45 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF092873.D
Acq: 9 Feb 2017 00:25

Tgt Ion:252 Resp: 1079790
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.2
125 14.6 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



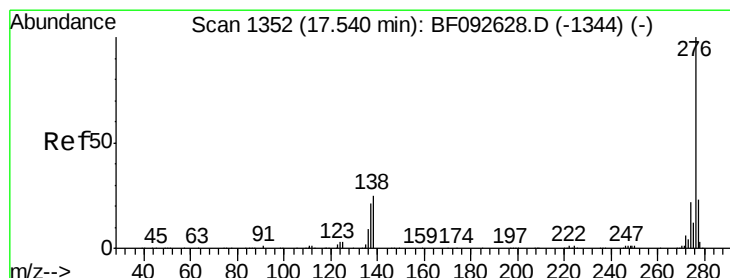
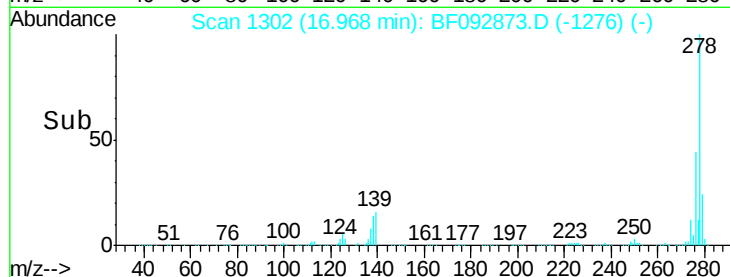
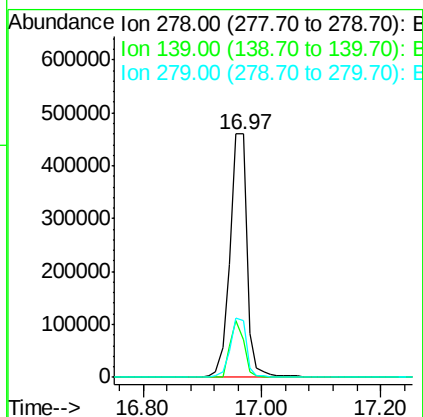
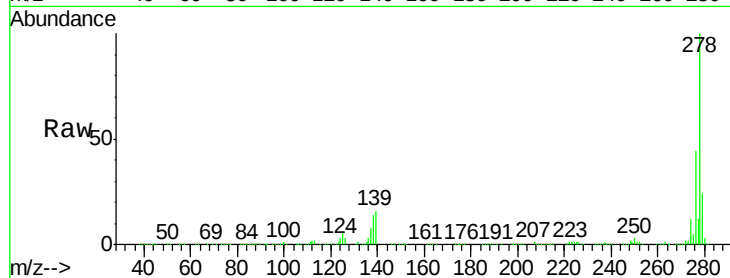


#90
Dibenzo(a,h)anthracene
Concen: 54.96 ng
RT: 16.97 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BF092873.D
Acq: 9 Feb 2017 00:25

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMSD

Tgt Ion: 278 Resp: 919564

Ion	Ratio	Lower	Upper
278	100		
139	15.6	14.8	22.2
279	23.5	19.8	29.6



#91
Benzo(g,h,i)perylene
Concen: 55.45 ng
RT: 17.38 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BF092873.D
Acq: 9 Feb 2017 00:25

Tgt Ion: 276 Resp: 937125

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	27.9	16.0	24.0

