

Data File : BF092992.D
Acq On : 16 Feb 2017 20:26
Operator : SJ/MA
Sample : I1859-05MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
280514-COMP-0-2FTMS

Quant Time: Feb 16 23:53:47 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 13 18:04:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	149170	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	596977	20.00	ng	-0.02
38) Acenaphthene-d10	9.89	164	329000	20.00	ng	-0.03
63) Phenanthrene-d10	11.38	188	554283	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	473548	20.00	ng	-0.03
86) Perylene-d12	15.45	264	356039	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1043428	120.01	ng	-0.01
7) Phenol-d6	6.51	99	1444244	129.10	ng	-0.02
23) Nitrobenzene-d5	7.44	82	1023487	95.47	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	356072	149.64	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	1636821	90.13	ng	-0.02
78) Terphenyl-d14	12.97	244	1634408	81.10	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.59	88	172506	36.72	ng	# 73
3) Pyridine	3.30	79	351537	29.43	ng	89
4) n-Nitrosodimethylamine	3.23	42	237598	42.36	ng	87
6) Aniline	6.53	93	247001	16.19	ng	# 52
8) 2-Chlorophenol	6.65	128	445510	46.44	ng	93
9) Benzaldehyde	6.41	77	79013	9.86	ng	93
10) Phenol	6.52	94	574316	43.88	ng	# 74
11) bis(2-Chloroethyl)ether	6.60	93	450863	43.16	ng	93
12) 1,3-Dichlorobenzene	6.81	146	484951	43.16	ng	98
13) 1,4-Dichlorobenzene	6.88	146	477024	41.95	ng	99
14) 1,2-Dichlorobenzene	7.04	146	480207	44.16	ng	95
15) Benzyl Alcohol	7.01	79	408316	49.30	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.15	45	838540	46.20	ng	95
17) 2-Methylphenol	7.13	107	395209	48.03	ng	97
18) Hexachloroethane	7.37	117	166617	42.92	ng	# 88
19) n-Nitroso-di-n-propylamine	7.29	70	348262	48.90	ng	# 95
20) 3+4-Methylphenols	7.28	107	462953	47.05	ng	# 64
22) Acetophenone	7.28	105	616053	45.20	ng	# 95
24) Nitrobenzene	7.45	77	483380	43.91	ng	97
25) Isophorone	7.69	82	970991	48.61	ng	96
26) 2-Nitrophenol	7.77	139	279201	53.36	ng	89
27) 2,4-Dimethylphenol	7.80	122	442344	48.14	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	614271	46.43	ng	99
29) 2,4-Dichlorophenol	8.01	162	411628	48.03	ng	91
30) 1,2,4-Trichlorobenzene	8.09	180	413782	44.80	ng	96
31) Naphthalene	8.17	128	1304580	43.11	ng	99
32) Benzoic acid	7.94	122	231492	44.99	ng	96
33) 4-Chloroaniline	8.21	127	118681	10.00	ng	95
34) Hexachlorobutadiene	8.28	225	209492	41.23	ng	100
35) Caprolactam	8.60	113	75417	27.97	ng	# 64
36) 4-Chloro-3-methylphenol	8.72	107	464077	51.94	ng	90
37) 2-Methylnaphthalene	8.85	142	915780	47.13	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	403194	43.66	ng	99
40) Hexachlorocyclopentadiene	9.01	237	345134	82.83	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	301377	49.66	ng	93
43) 2,4,5-Trichlorophenol	9.18	196	295849	44.50	ng #	90
45) 1,1'-Biphenyl	9.32	154	1078583	45.27	ng	97
46) 2-Chloronaphthalene	9.34	162	836821	44.90	ng	96
47) 2-Nitroaniline	9.45	65	319894	51.05	ng	91
48) Acenaphthylene	9.76	152	1428590	44.37	ng	98
49) Dimethylphthalate	9.63	163	1120685	50.57	ng	100
50) 2,6-Dinitrotoluene	9.69	165	224559	46.92	ng #	79
51) Acenaphthene	9.93	154	856097	44.48	ng	96
52) 3-Nitroaniline	9.86	138	85752	15.66	ng #	75
53) 2,4-Dinitrophenol	9.97	184	276481	111.58	ng	95
54) Dibenzofuran	10.11	168	1211963	47.08	ng #	88
55) 4-Nitrophenol	10.03	139	313393	79.45	ng	95
56) 2,4-Dinitrotoluene	10.10	165	343415	53.90	ng #	83
57) Fluorene	10.44	166	874520	44.15	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	245228	55.29	ng	97
59) Diethylphthalate	10.33	149	1101854	52.76	ng	96
60) 4-Chlorophenyl-phenylether	10.44	204	442381	46.49	ng #	76
61) 4-Nitroaniline	10.48	138	258271	46.04	ng	92
62) Azobenzene	10.60	77	1183736	54.86	ng	89
64) 4,6-Dinitro-2-methylphenol	10.50	198	163465	48.43	ng #	48
65) n-Nitrosodiphenylamine	10.56	169	813839	45.96	ng	99
66) 4-Bromophenyl-phenylether	10.92	248	253750	43.82	ng	94
67) Hexachlorobenzene	10.99	284	251868	44.01	ng #	88
68) Atrazine	11.09	200	284981	50.15	ng	92
69) Pentachlorophenol	11.19	266	298423	99.13	ng	96
70) Phenanthrene	11.40	178	1338315	42.14	ng	99
71) Anthracene	11.46	178	1506283	47.23	ng	99
72) Carbazole	11.62	167	1367384	44.86	ng #	97
73) Di-n-butylphthalate	11.94	149	1524494	46.24	ng	98
74) Fluoranthene	12.59	202	1356631	41.42	ng	99
77) Pyrene	12.82	202	1401373	39.54	ng	99
79) Butylbenzylphthalate	13.44	149	709405	49.29	ng	90
80) Benzo(a)anthracene	14.01	228	1133493	39.14	ng	99
81) 3,3'-Dichlorobenzidine	13.97	252	228937	22.17	ng #	94
82) Chrysene	14.04	228	1068095	39.39	ng	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	916544	46.57	ng #	96
84) Di-n-octyl phthalate	14.60	149	1519315	47.41	ng	99
85) Indeno(1,2,3-cd)pyrene	16.85	276	979310	46.62	ng #	94
87) Benzo(b)fluoranthene	15.04	252	1080227	46.10	ng	99
88) Benzo(k)fluoranthene	15.04	252	1080227	53.39	ng	99
89) Benzo(a)pyrene	15.39	252	982043	48.45	ng	96
90) Dibenzo(a,h)anthracene	16.87	278	817458	49.90	ng	97
91) Benzo(g,h,i)perylene	17.28	276	845486	51.08	ng #	91

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

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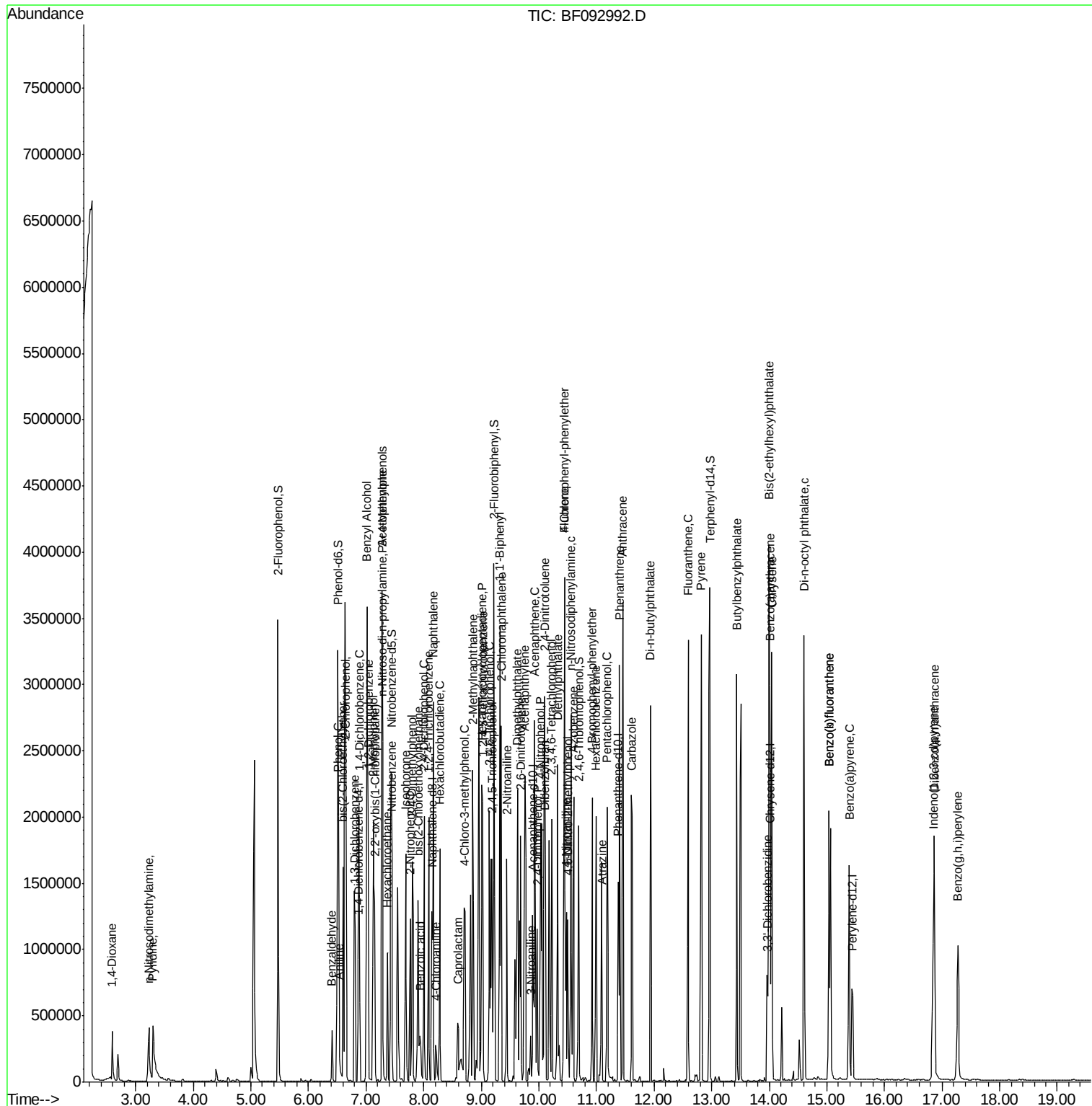
Quant Time: Feb 16 23:53:47 2017

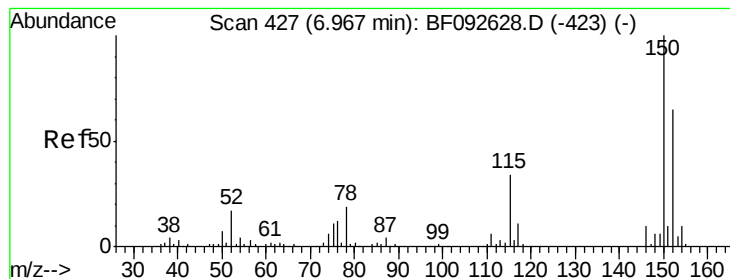
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.02 min

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ClientSampleId :

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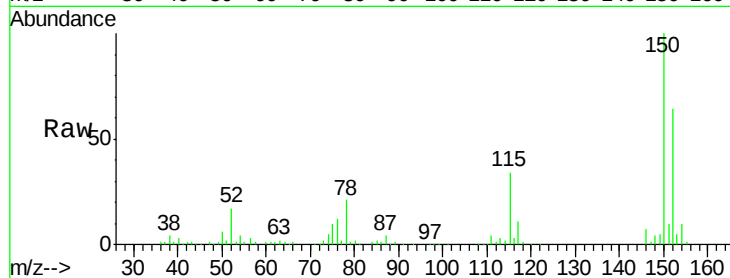
Tgt Ion:152 Resp: 149170

Ion Ratio Lower Upper

152 100

150 156.3 124.9 187.3

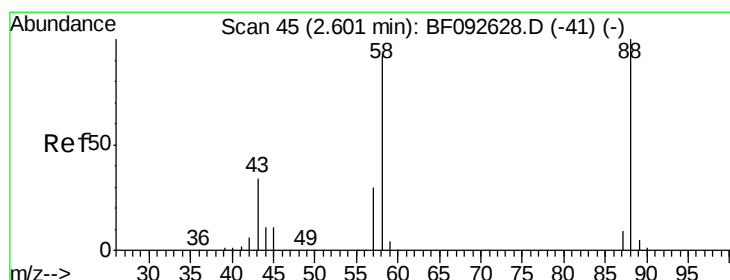
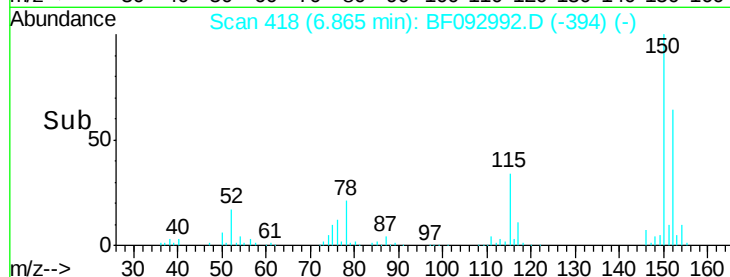
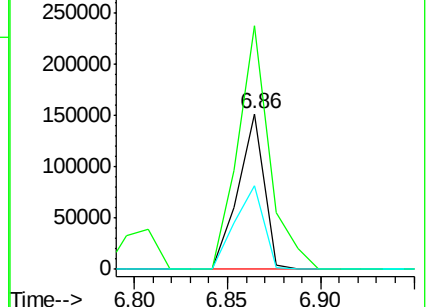
115 53.9 46.0 69.0



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: 36.72 ng

RT: 2.59 min Scan# 44

Delta R.T. 0.13 min

Lab File: BF092992.D

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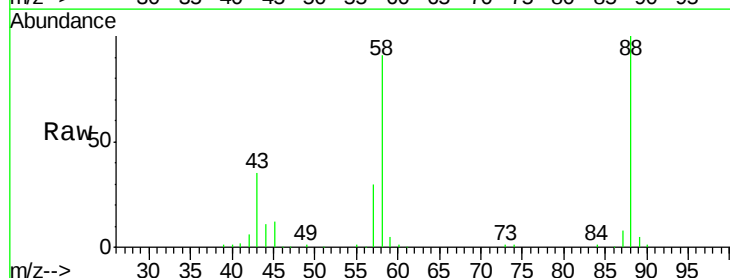
Tgt Ion: 88 Resp: 172506

Ion Ratio Lower Upper

88 100

58 85.9 57.8 86.8

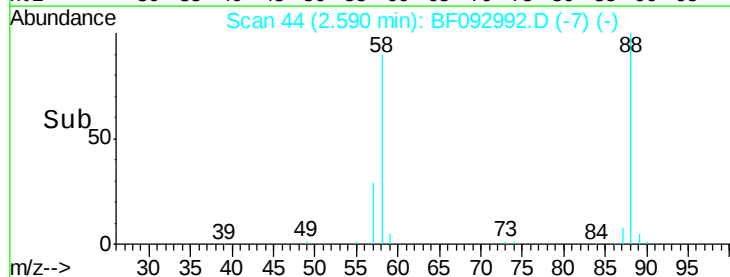
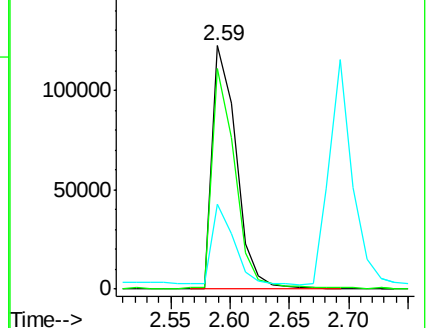
43 0.0 22.3 33.5#

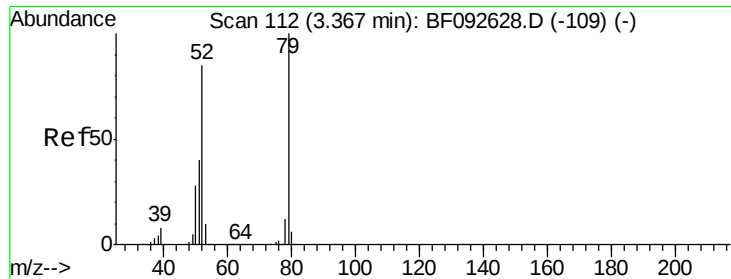


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 29.43 ng

RT: 3.30 min Scan# 106

Delta R.T. 0.10 min

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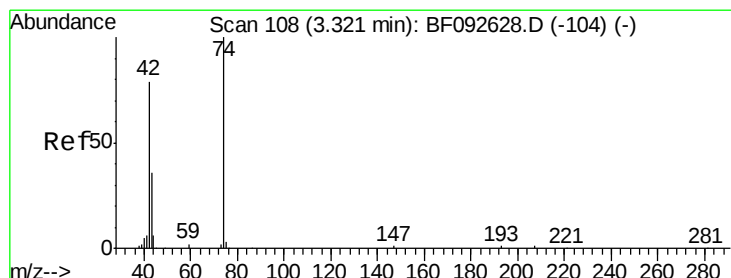
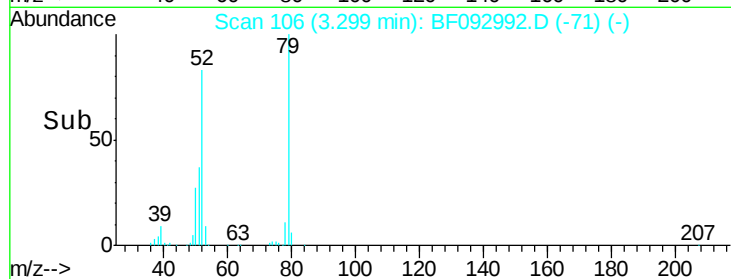
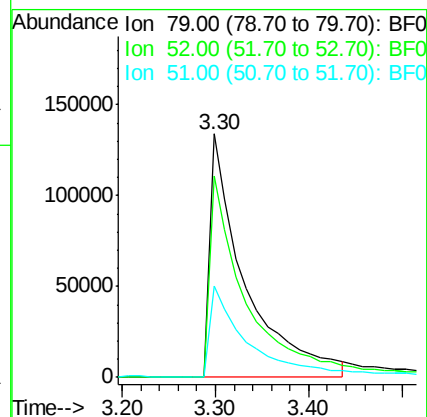
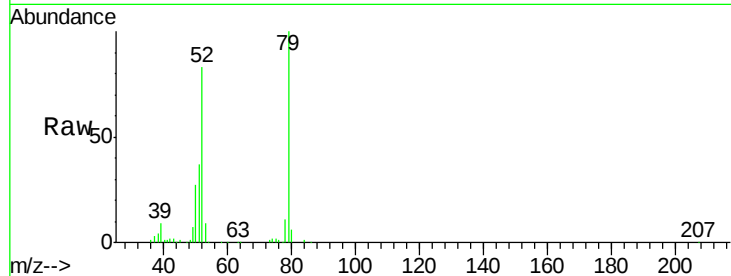
Tgt Ion: 79 Resp: 351537

Ion Ratio Lower Upper

79 100

52 82.6 57.1 85.7

51 37.5 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 42.36 ng

RT: 3.23 min Scan# 100

Delta R.T. 0.07 min

Lab File: BF092992.D

Acq: 16 Feb 2017 20:26

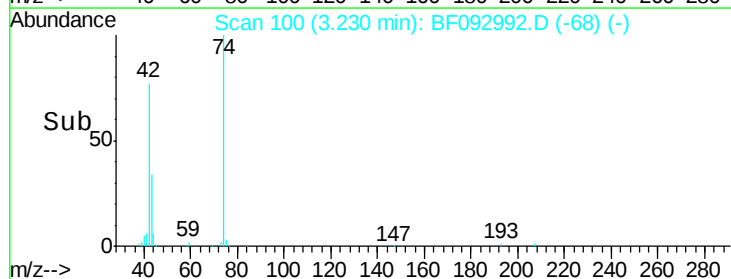
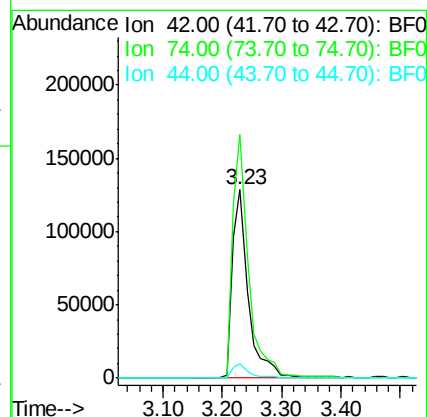
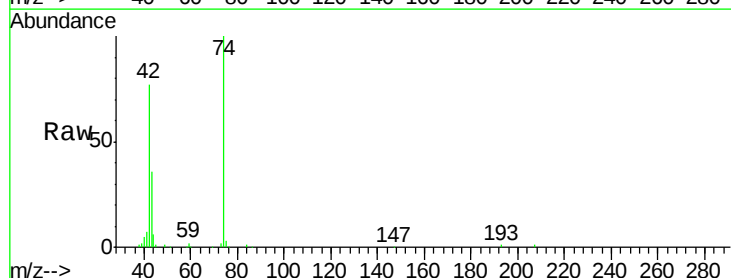
Tgt Ion: 42 Resp: 237598

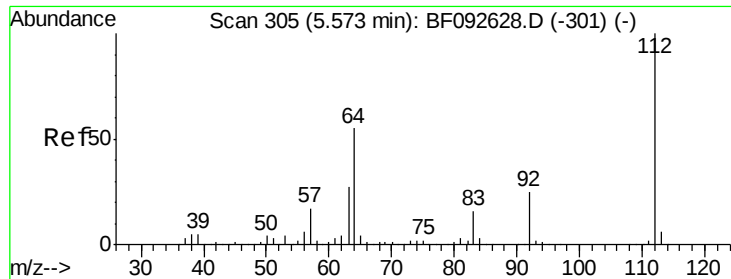
Ion Ratio Lower Upper

42 100

74 129.5 117.0 175.4

44 8.0 5.5 8.3

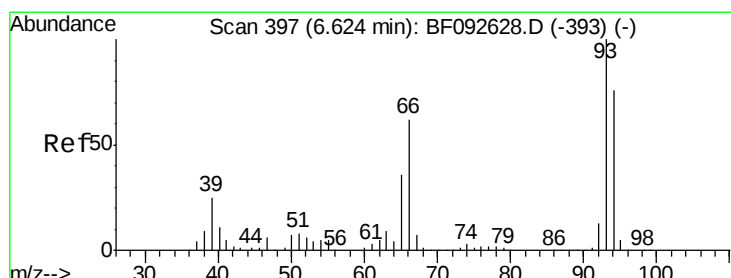
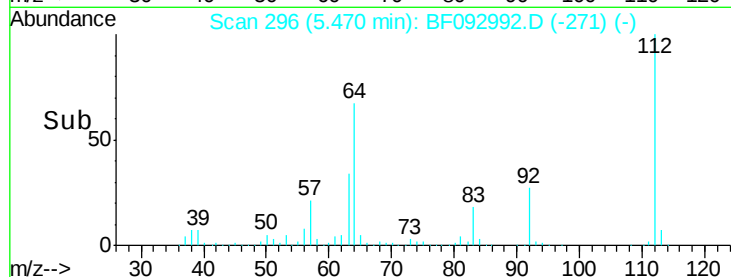
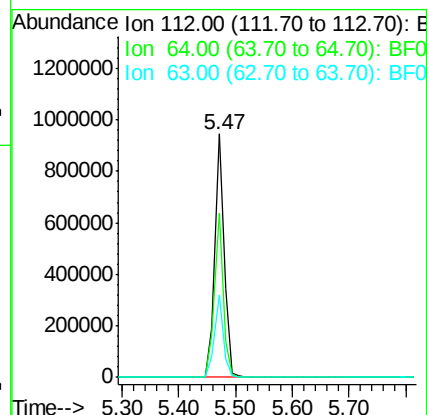
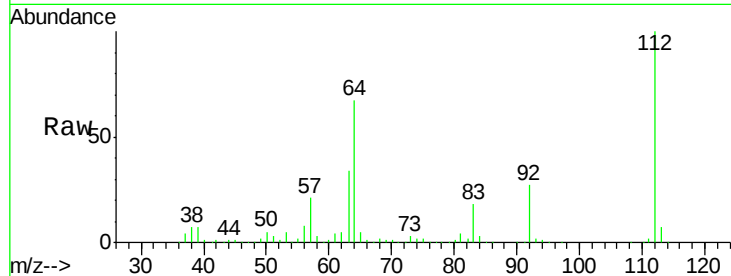




#5
 2-Fluorophenol
 Concen: 120.01 ng
 RT: 5.47 min Scan# 296
 Delta R.T. -0.01 min
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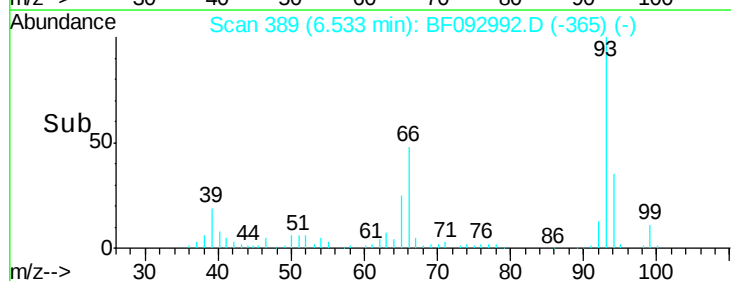
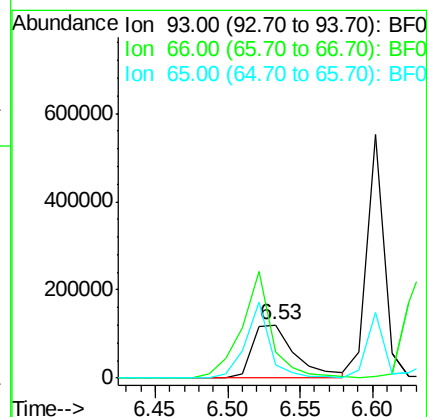
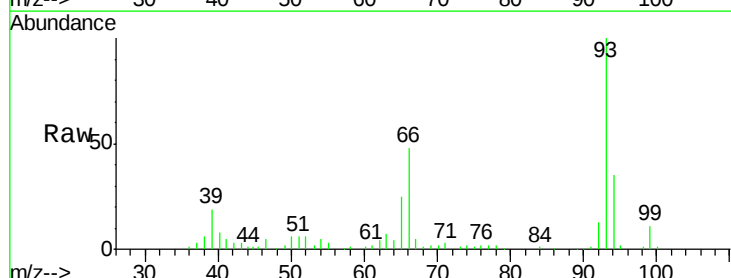
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Tgt Ion: 112 Resp: 1043428
 Ion Ratio Lower Upper
 112 100
 64 67.2 46.1 69.1
 63 33.8 23.8 35.6



#6
 Aniline
 Concen: 16.19 ng
 RT: 6.53 min Scan# 389
 Delta R.T. -0.02 min
 Lab File: BF092992.D
 Acq: 16 Feb 2017 20:26

Tgt Ion: 93 Resp: 247001
 Ion Ratio Lower Upper
 93 100
 66 47.9 76.2 114.2#
 65 25.3 49.3 73.9#





#7

Phenol-d6

Concen: 129.10 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF092992.D

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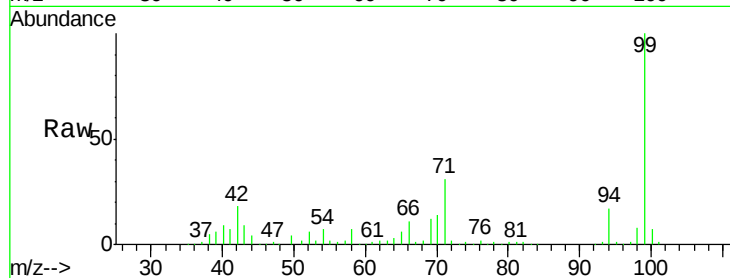
Tgt Ion: 99 Resp: 1444244

Ion Ratio Lower Upper

99 100

42 17.7 15.6 23.4

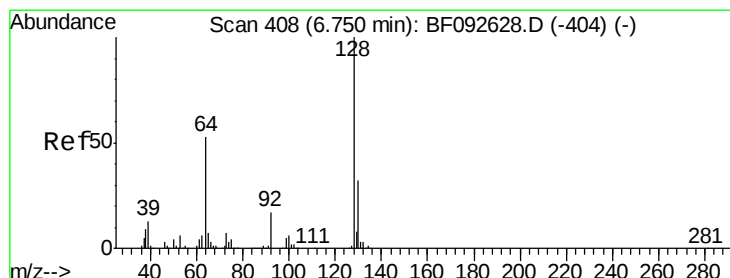
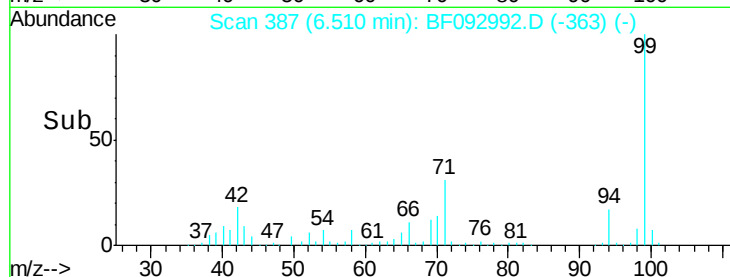
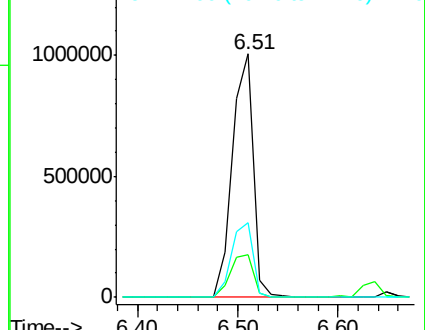
71 30.8 27.5 41.3



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: 46.44 ng

RT: 6.65 min Scan# 399

Delta R.T. -0.02 min

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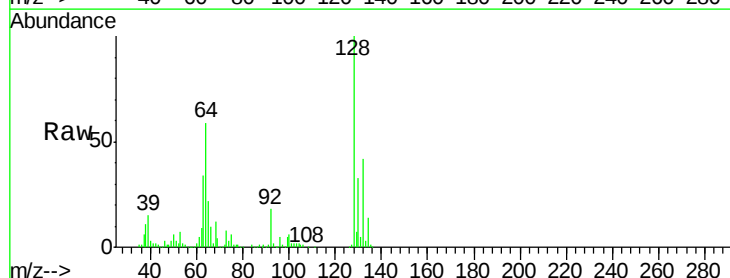
Tgt Ion: 128 Resp: 445510

Ion Ratio Lower Upper

128 100

130 32.7 12.3 52.3

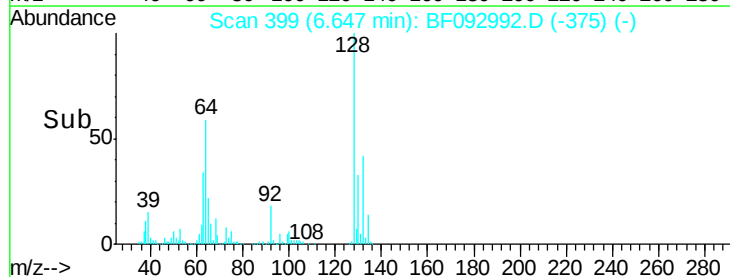
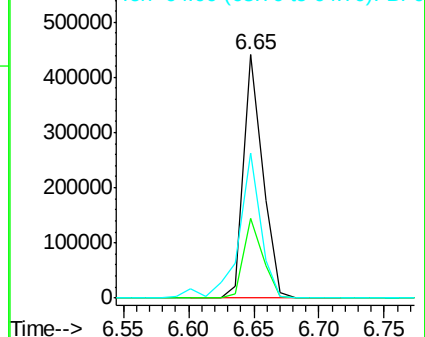
64 59.3 32.2 72.2



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: 9.86 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.02 min

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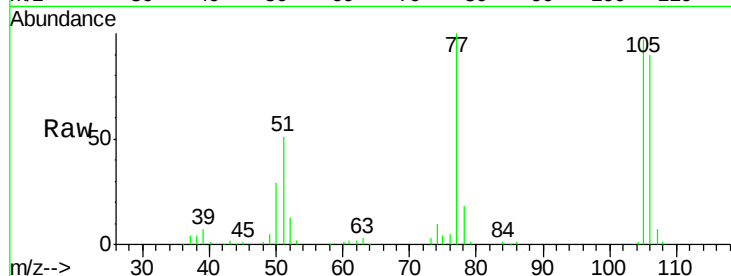
Tgt Ion: 77 Resp: 79013

Ion Ratio Lower Upper

77 100

105 97.4 83.9 123.9

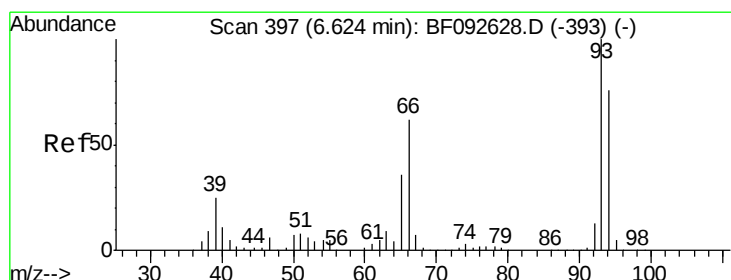
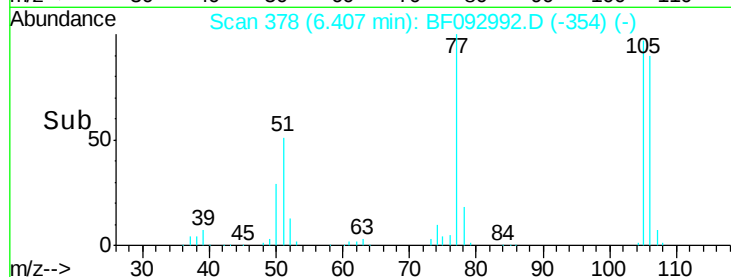
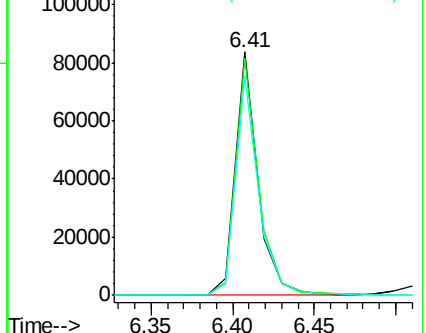
106 90.2 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 43.88 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

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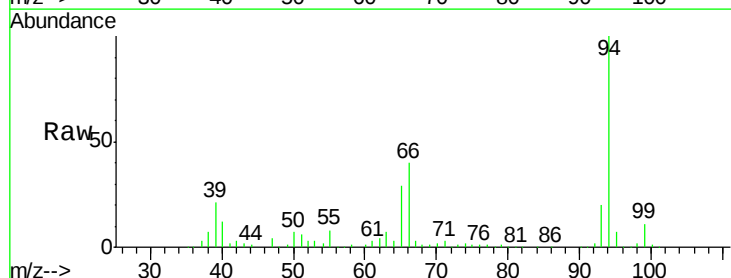
Tgt Ion: 94 Resp: 574316

Ion Ratio Lower Upper

94 100

65 28.8 21.4 61.4

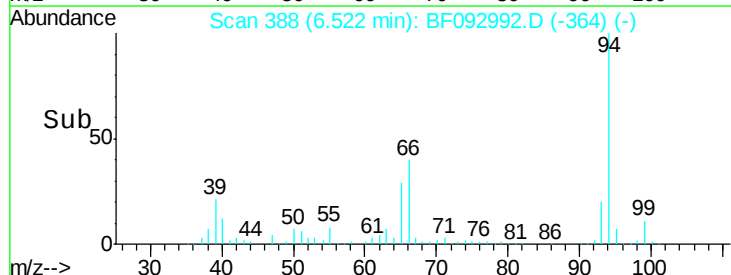
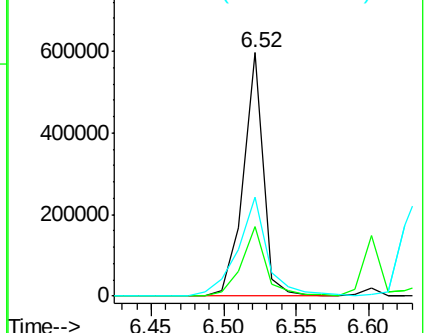
66 40.4 44.0 84.0#

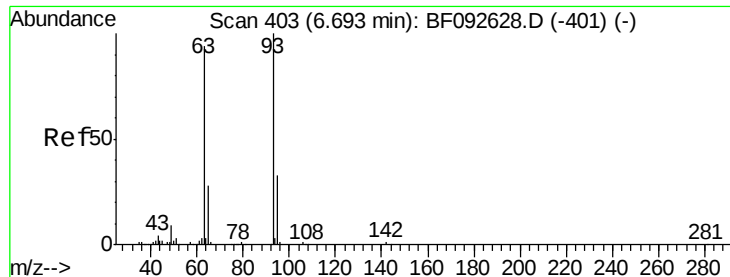


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 43.16 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF092992.D

Acq: 16 Feb 2017 20:26

Instrument :

BNA_F

ClientSampleId :

280514-COMP-0-2FTMS

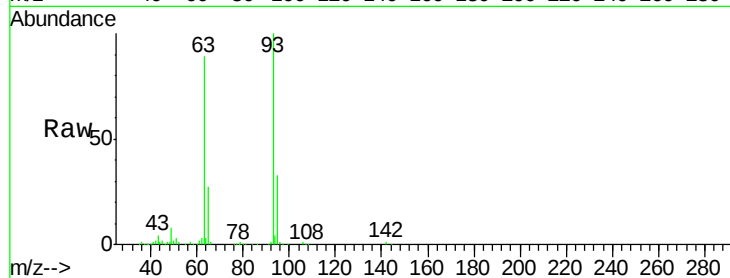
Tgt Ion: 93 Resp: 450863

Ion Ratio Lower Upper

93 100

63 88.9 60.4 100.4

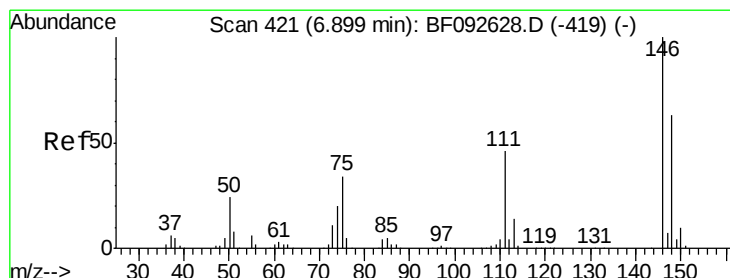
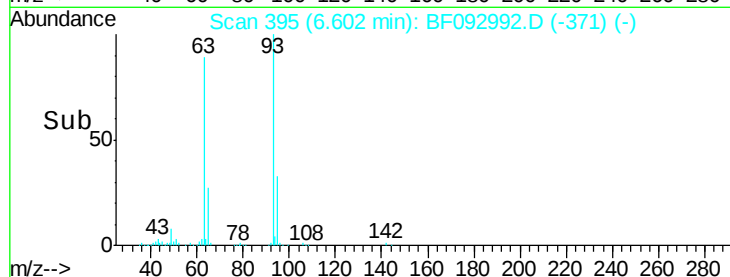
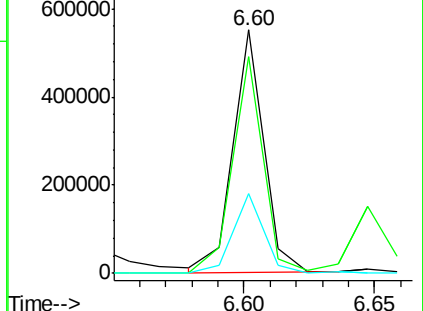
95 32.6 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 43.16 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF092992.D

Acq: 16 Feb 2017 20:26

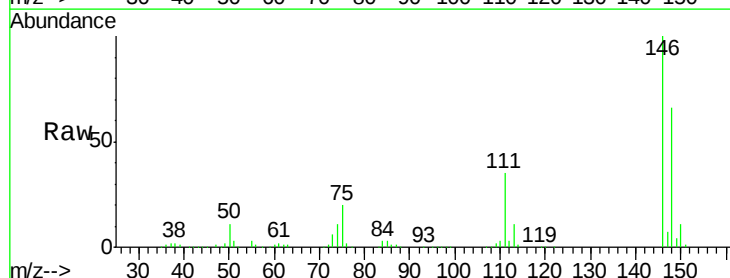
Tgt Ion: 146 Resp: 484951

Ion Ratio Lower Upper

146 100

148 66.3 53.4 80.0

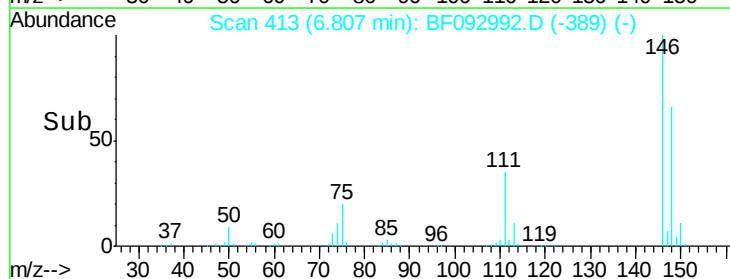
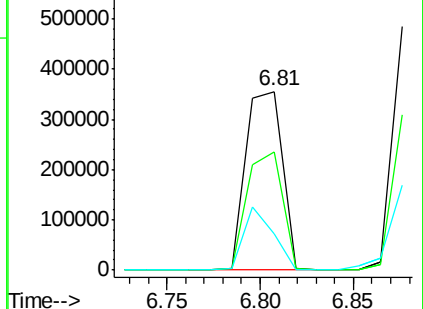
75 20.3 18.5 27.7

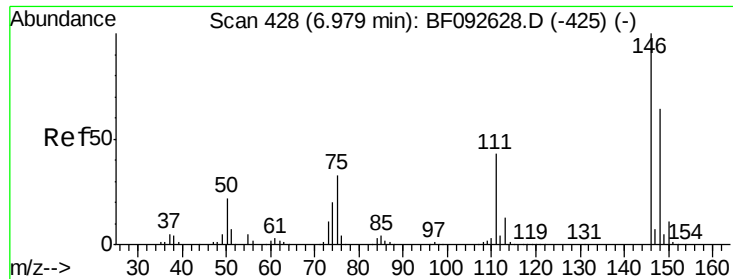


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

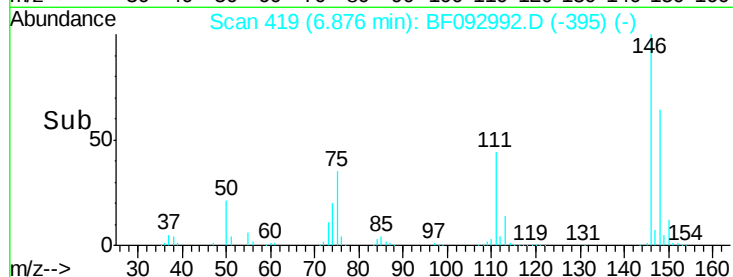
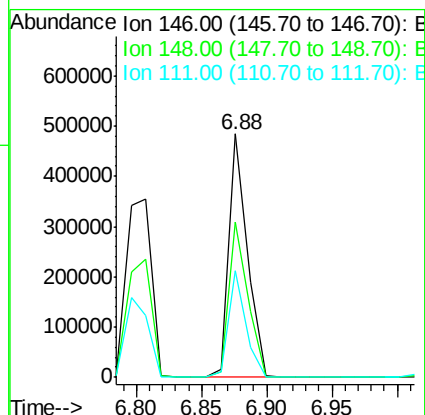
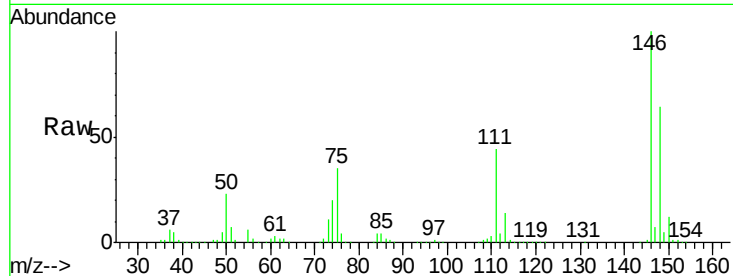




#13
 1,4-Dichlorobenzene
 Concen: 41.95 ng
 RT: 6.88 min Scan# 419
 Delta R.T. -0.02 min
 Lab File: BF092992.D
 Acq: 16 Feb 2017 20:26

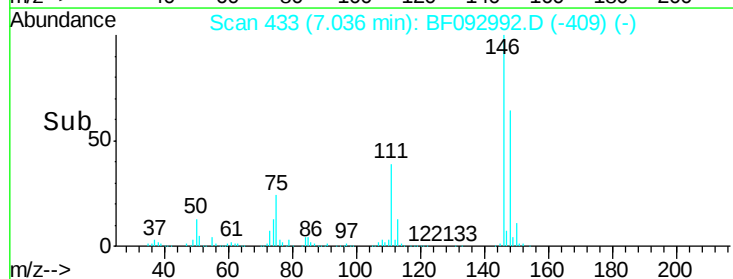
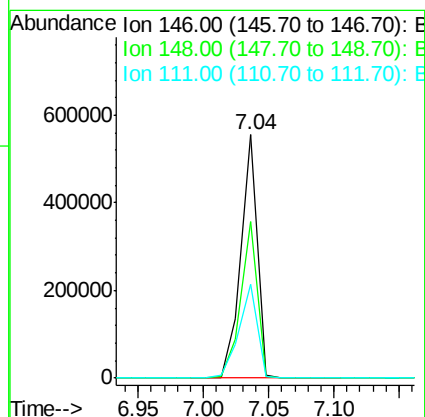
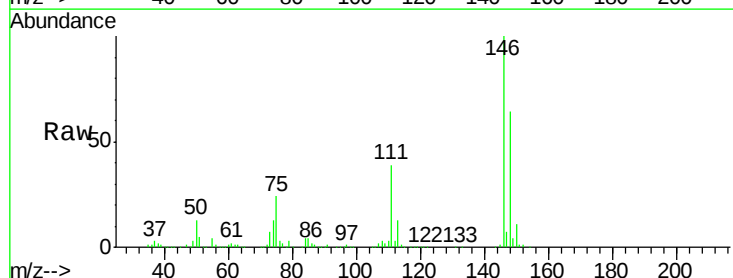
Instrument :
 BNA_F
 ClientSampleId :
 280514-COMP-0-2FTMS

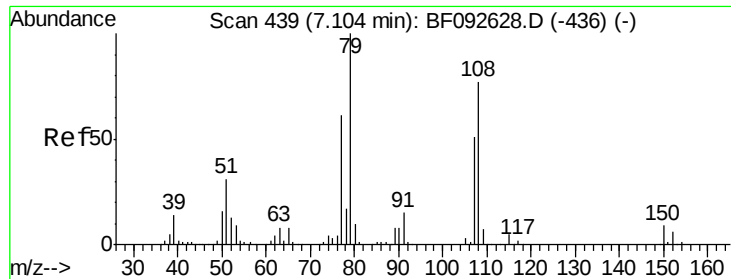
Tgt Ion:146 Resp: 477024
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.6 76.0
 111 44.0 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 44.16 ng
 RT: 7.04 min Scan# 433
 Delta R.T. -0.02 min
 Lab File: BF092992.D
 Acq: 16 Feb 2017 20:26

Tgt Ion:146 Resp: 480207
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.2 78.2
 111 38.6 36.2 54.2





#15

Benzyl Alcohol

Concen: 49.30 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.02 min

Lab File: BF092992.D

Acq: 16 Feb 2017 20:26

Instrument :

BNA_F

ClientSampleId :

280514-COMP-0-2FTMS

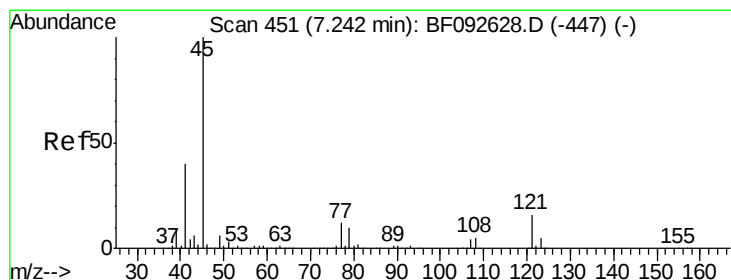
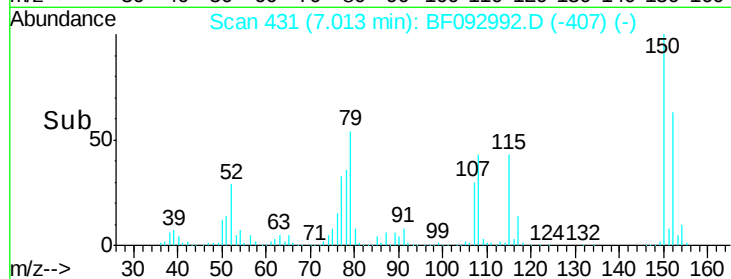
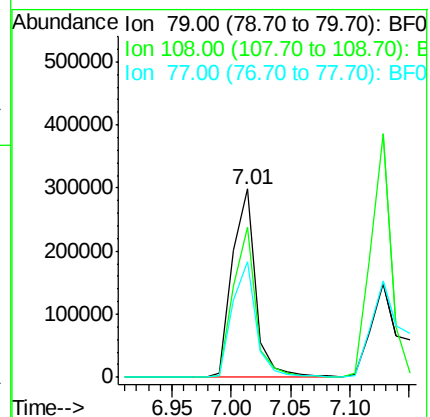
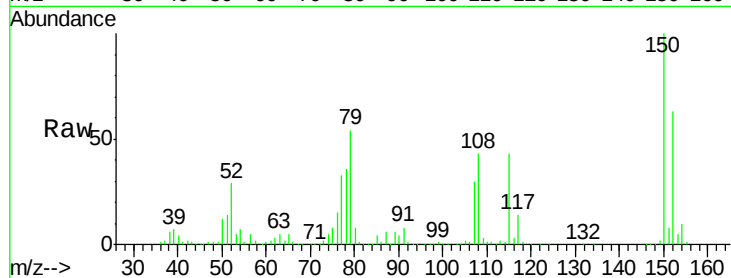
Tgt Ion: 79 Resp: 408316

Ion Ratio Lower Upper

79 100

108 80.0 61.4 92.0

77 61.4 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.20 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.01 min

Lab File: BF092992.D

Acq: 16 Feb 2017 20:26

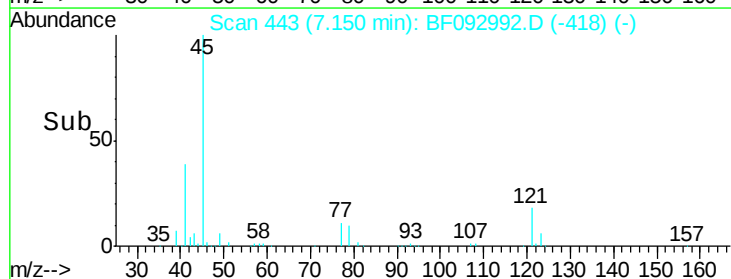
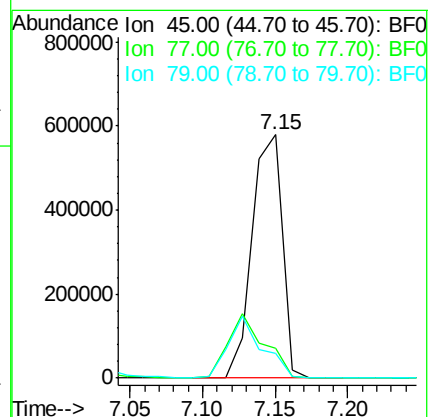
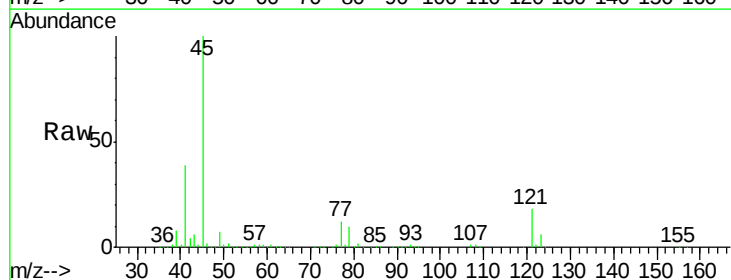
Tgt Ion: 45 Resp: 838540

Ion Ratio Lower Upper

45 100

77 12.2 0.0 34.6

79 10.1 0.0 31.2

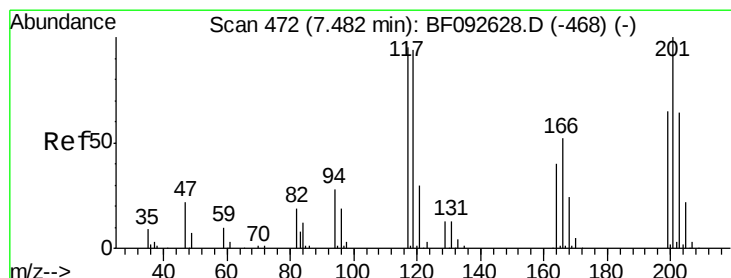
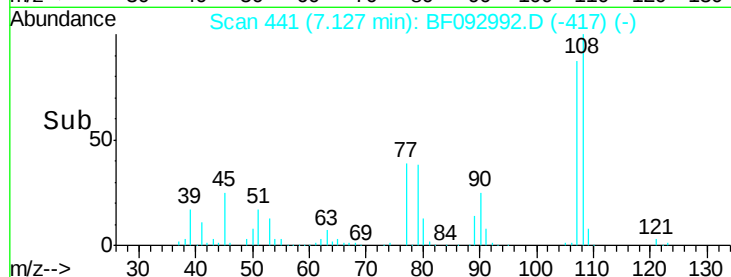
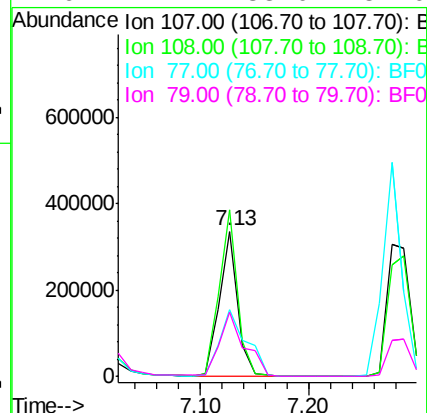
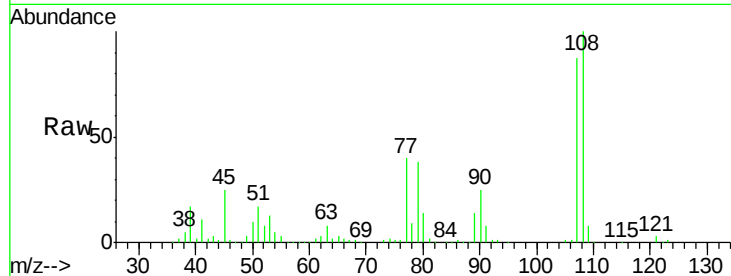




#17
2-Methylphenol
Concen: 48.03 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.02 min
Lab File: BF092992.D
Acq: 16 Feb 2017 20:26

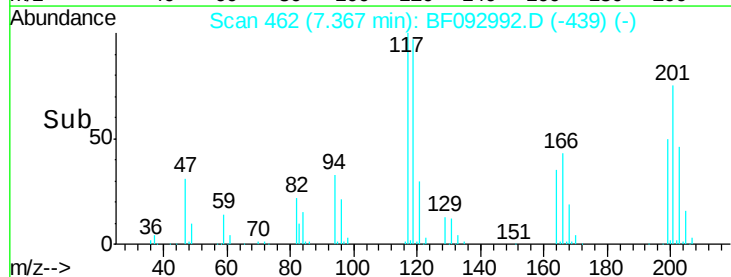
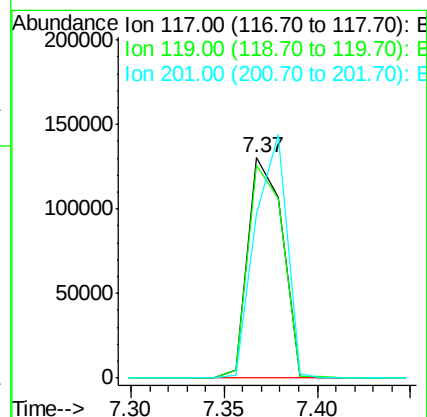
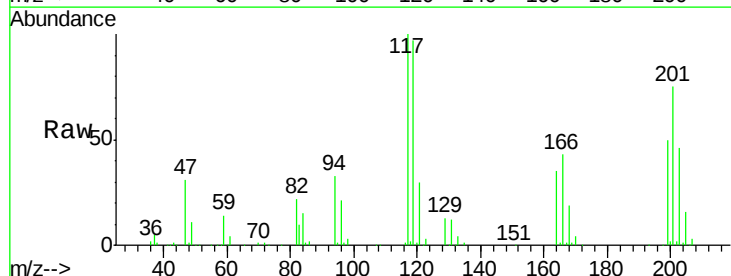
Instrument :
BNA_F
ClientSampleId :
280514-COMP-0-2FTMS

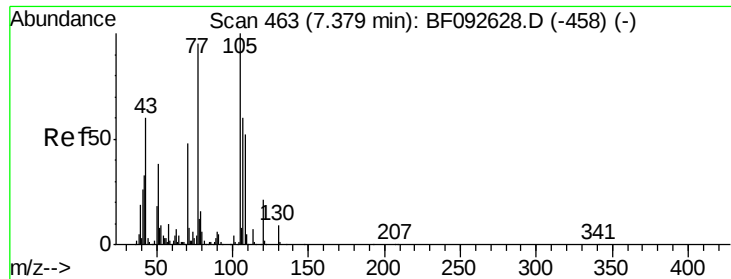
Tgt Ion:107 Resp: 395209
Ion Ratio Lower Upper
107 100
108 115.0 93.0 139.6
77 45.7 39.8 59.8
79 44.2 38.0 57.0



#18
Hexachloroethane
Concen: 42.92 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.03 min
Lab File: BF092992.D
Acq: 16 Feb 2017 20:26

Tgt Ion:117 Resp: 166617
Ion Ratio Lower Upper
117 100
119 96.9 78.1 117.1
201 74.5 78.6 117.8#

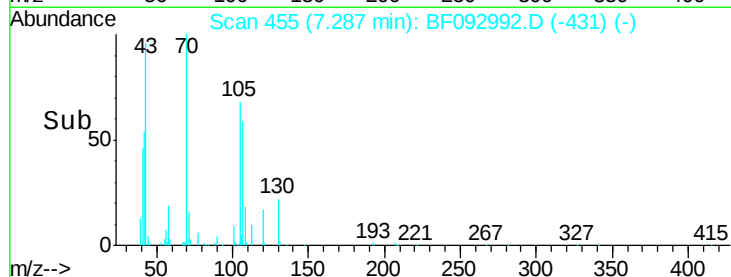
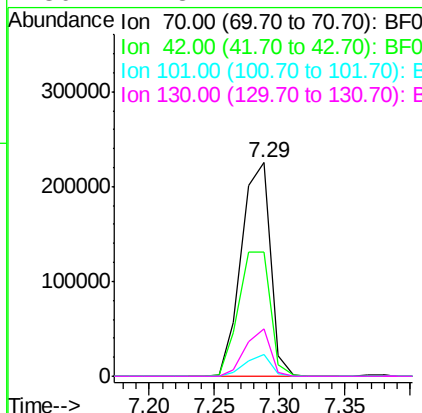
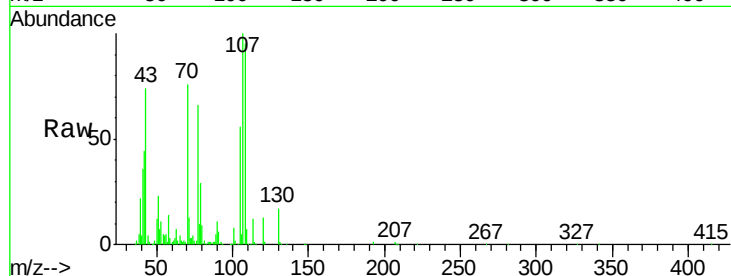




#19
n-Nitroso-di-n-propylamine
Concen: 48.90 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF092992.D
Acq: 16 Feb 2017 20:26

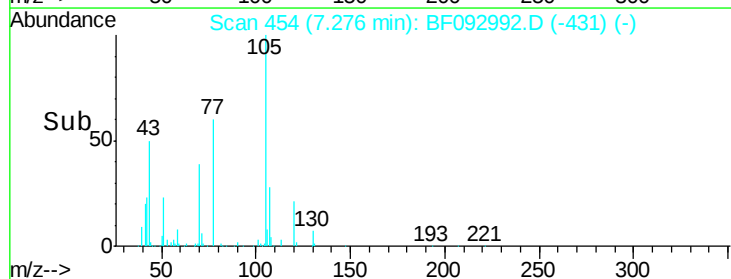
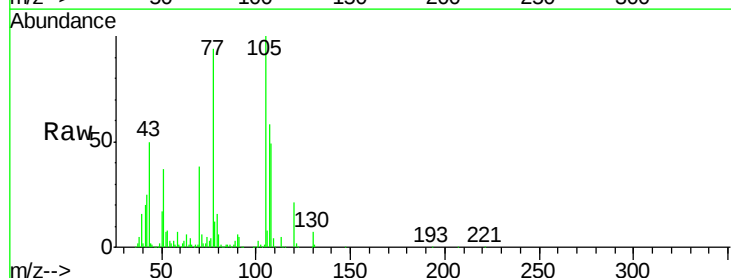
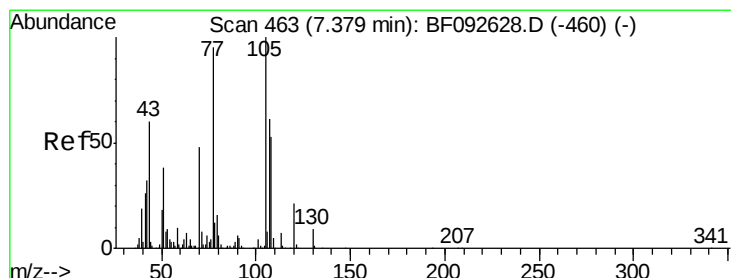
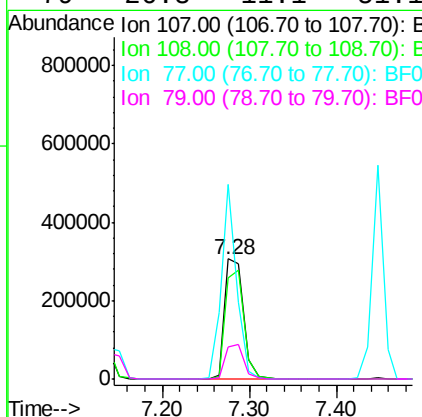
Instrument :
BNA_F
ClientSampleId :
280514-COMP-0-2FTMS

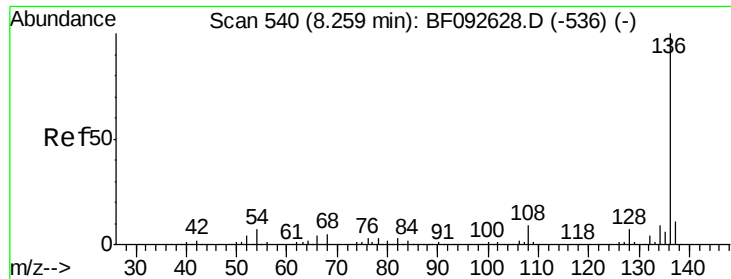
Tgt Ion: 70 Resp: 348262
Ion Ratio Lower Upper
70 100
42 58.4 49.4 74.0
101 9.9 7.4 11.2
130 22.3 14.2 21.4#



#20
3+4-Methylphenols
Concen: 47.05 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.03 min
Lab File: BF092992.D
Acq: 16 Feb 2017 20:26

Tgt Ion: 107 Resp: 462953
Ion Ratio Lower Upper
107 100
108 84.4 73.0 113.0
77 161.9 71.3 111.3#
79 26.8 11.1 51.1

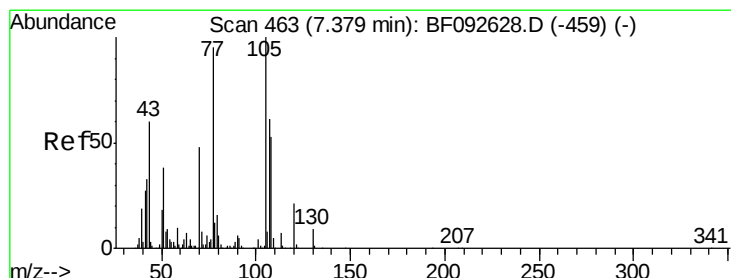
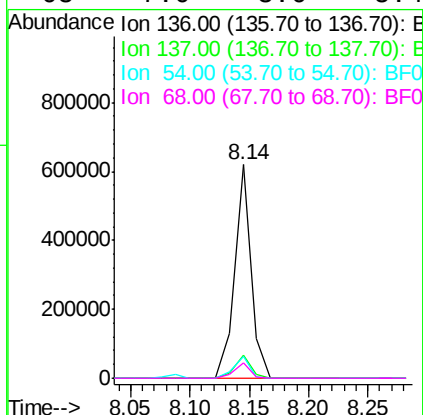
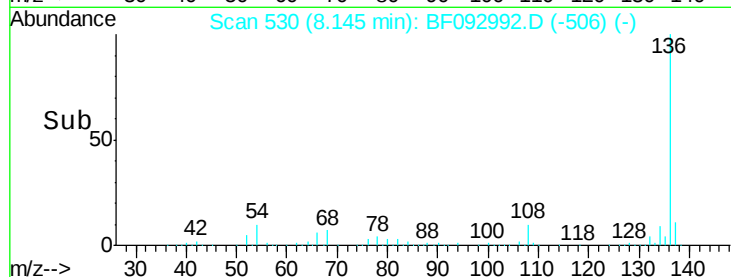
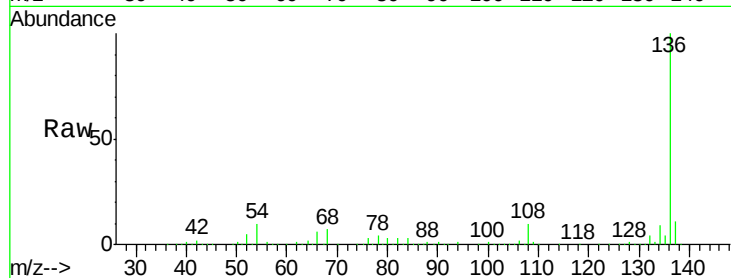




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF092992.D
Acq: 16 Feb 2017 20:26

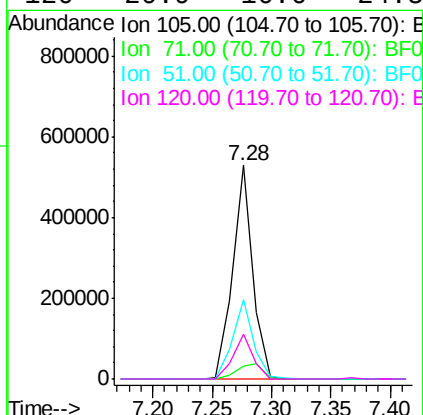
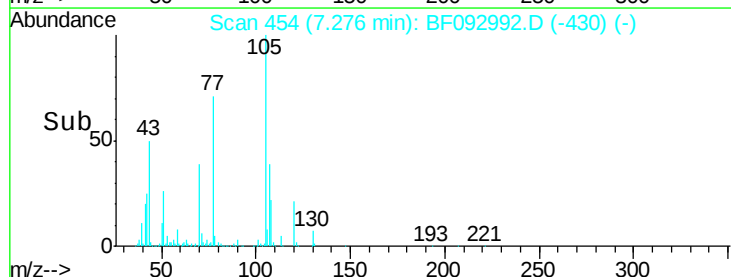
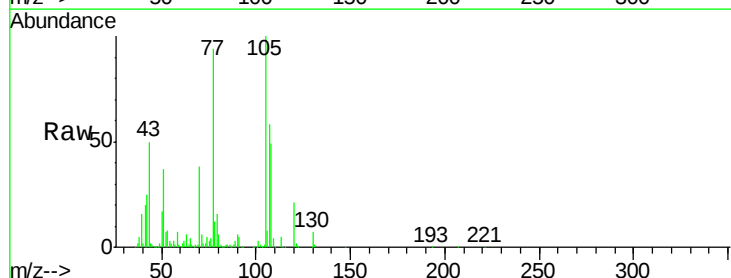
Instrument :
BNA_F
ClientSampleId :
280514-COMP-0-2FTMS

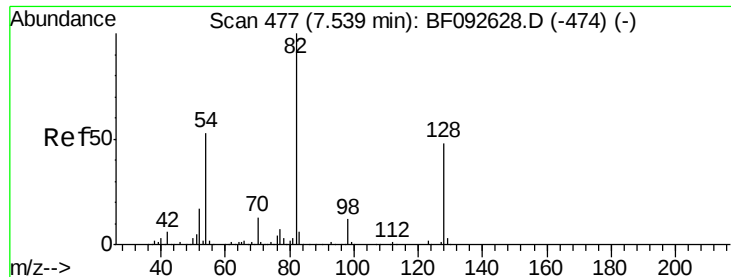
Tgt Ion:	136	Resp:	596977
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	10.0	4.5	6.7#
68	7.0	3.6	5.4#



#22
Acetophenone
Concen: 45.20 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.02 min
Lab File: BF092992.D
Acq: 16 Feb 2017 20:26

Tgt Ion:	105	Resp:	616053
Ion	Ratio	Lower	Upper
105	100		
71	6.2	3.2	4.8#
51	37.3	26.2	39.4
120	20.9	16.6	24.8

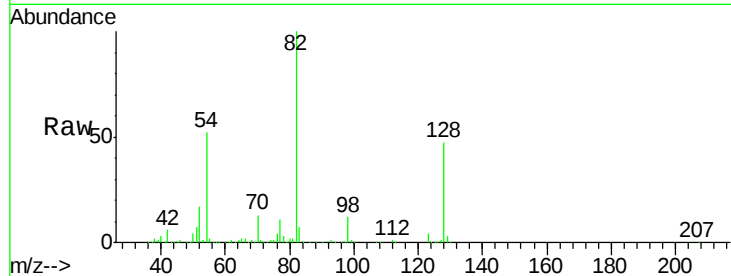




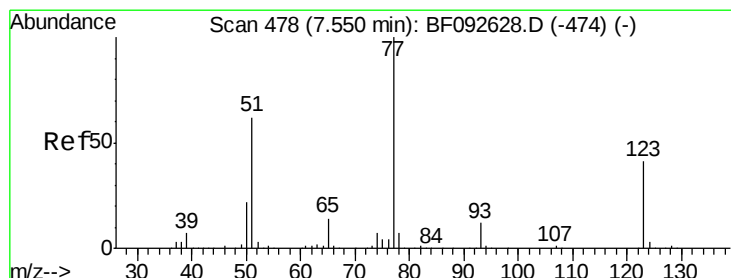
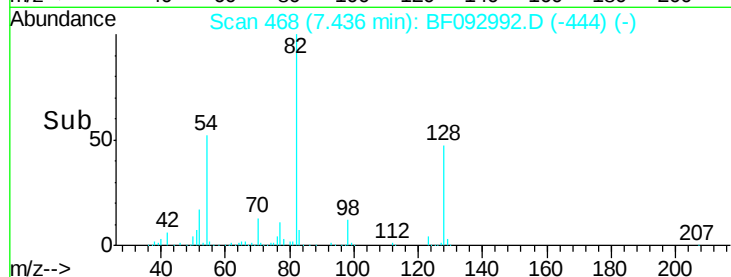
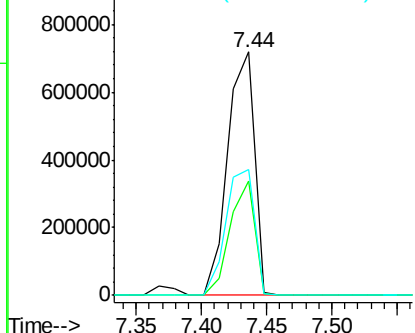
#23
 Nitrobenzene-d5
 Concen: 95.47 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.02 min
 Lab File: BF092992.D
 Acq: 16 Feb 2017 20:26

Instrument :
 BNA_F
 ClientSampleId :
 280514-COMP-0-2FTMS

Tgt Ion: 82 Resp: 1023487
 Ion Ratio Lower Upper
 82 100
 128 47.2 34.6 52.0
 54 51.9 39.5 59.3

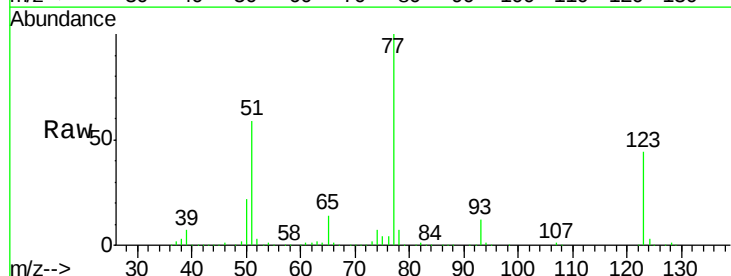


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

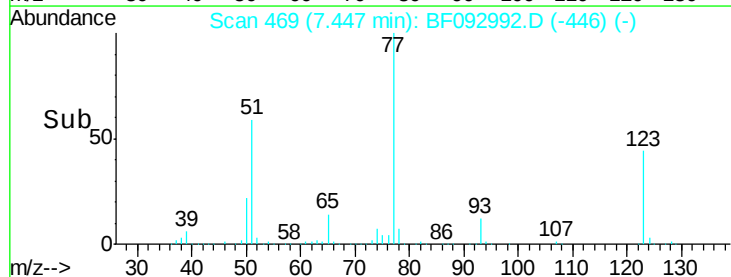
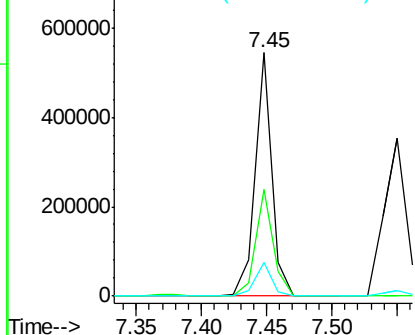


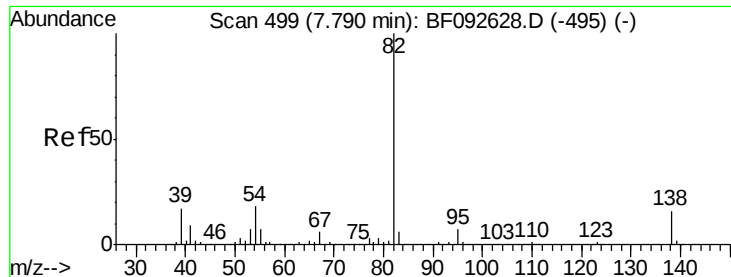
#24
 Nitrobenzene
 Concen: 43.91 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.03 min
 Lab File: BF092992.D
 Acq: 16 Feb 2017 20:26

Tgt Ion: 77 Resp: 483380
 Ion Ratio Lower Upper
 77 100
 123 43.6 33.0 49.4
 65 13.9 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: 48.61 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.02 min

Lab File: BF092992.D

Acq: 16 Feb 2017 20:26

Instrument :

BNA_F

ClientSampleId :

280514-COMP-0-2FTMS

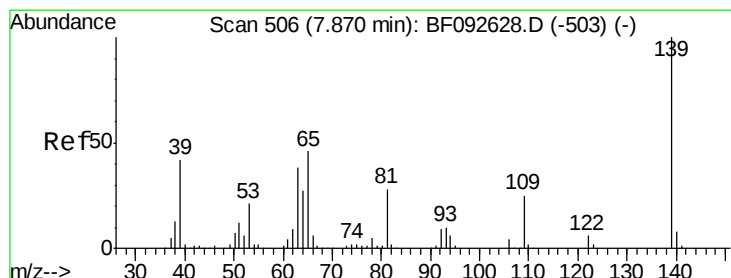
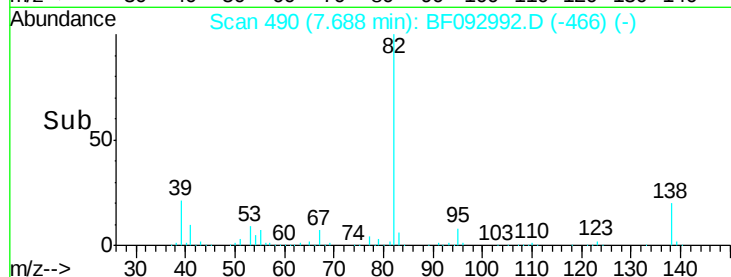
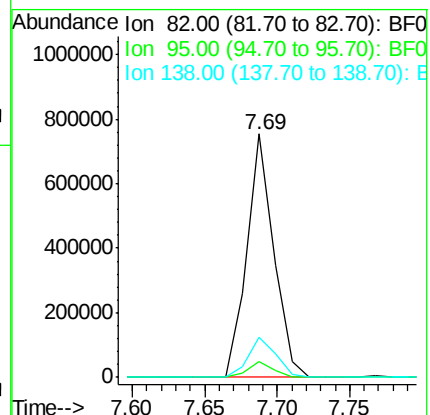
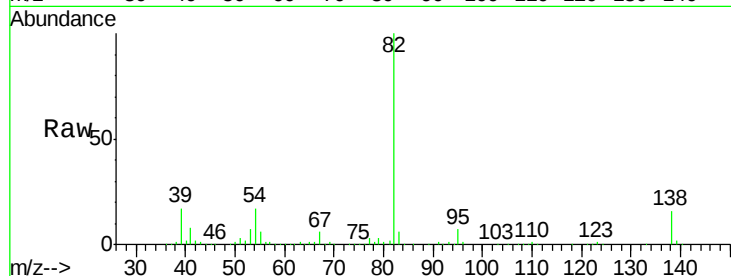
Tgt Ion: 82 Resp: 970991

Ion Ratio Lower Upper

82 100

95 6.6 5.6 8.4

138 16.3 14.6 22.0



#26

2-Nitrophenol

Concen: 53.36 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.02 min

Lab File: BF092992.D

Acq: 16 Feb 2017 20:26

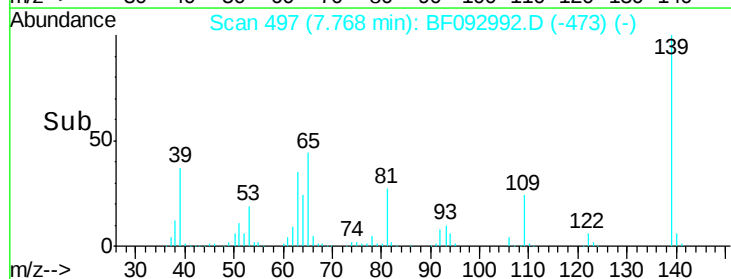
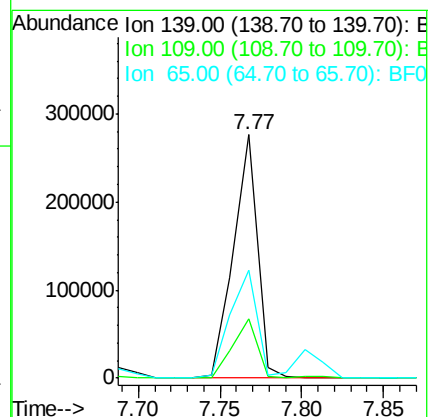
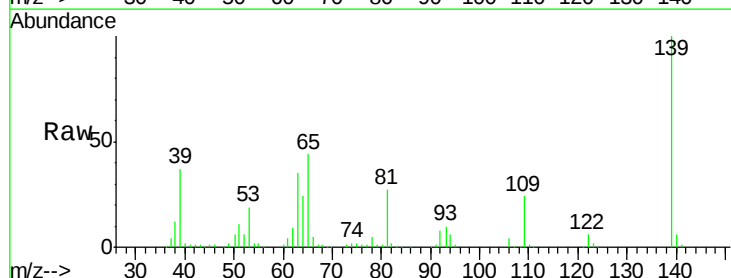
Tgt Ion: 139 Resp: 279201

Ion Ratio Lower Upper

139 100

109 24.3 23.3 34.9

65 44.3 42.7 64.1

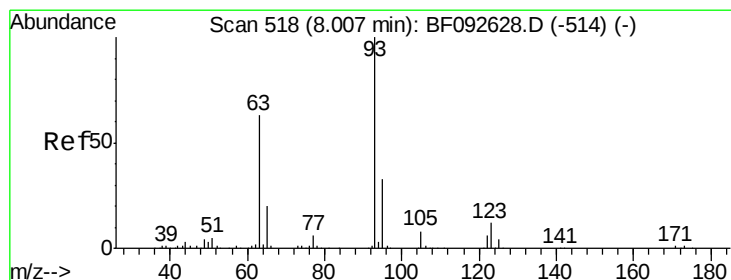
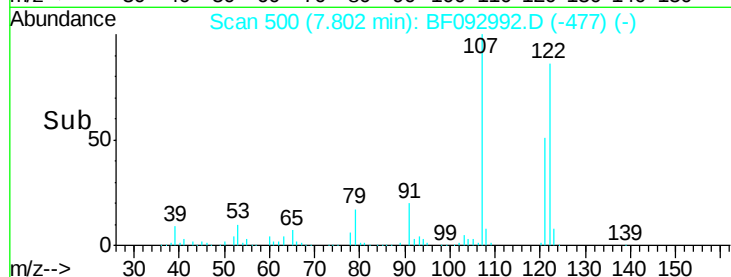
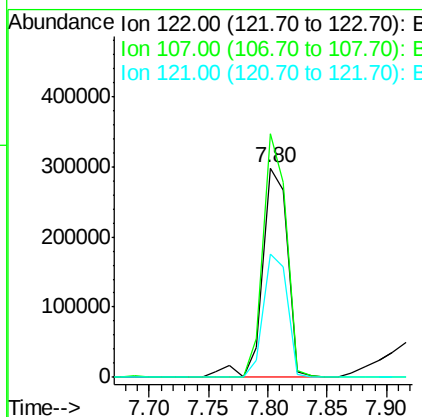
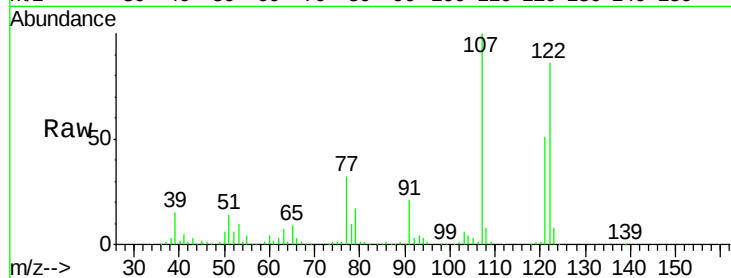




#27
 2,4-Dimethylphenol
 Concen: 48.14 ng
 RT: 7.80 min Scan# 500
 Delta R.T. -0.03 min
 Lab File: BF092992.D
 Acq: 16 Feb 2017 20:26

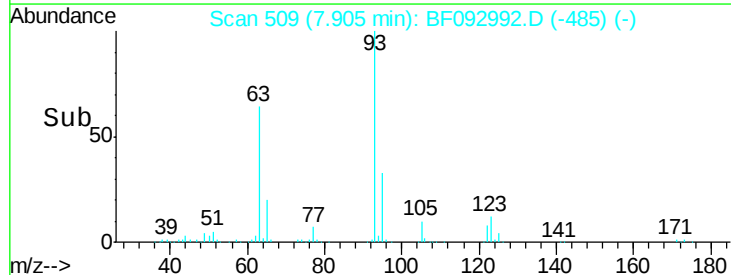
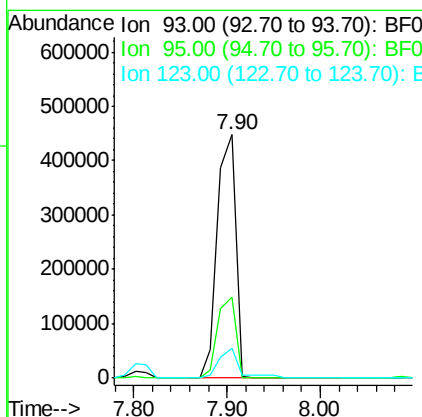
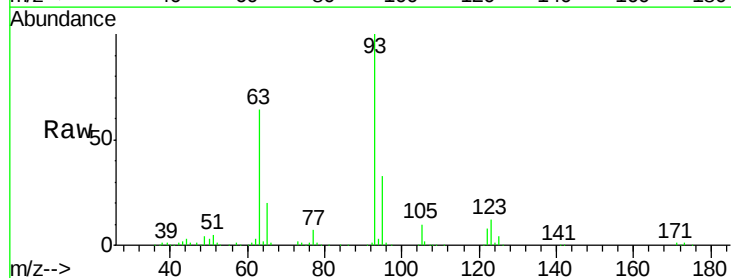
Instrument :
 BNA_F
 ClientSampleId :
 280514-COMP-0-2FTMS

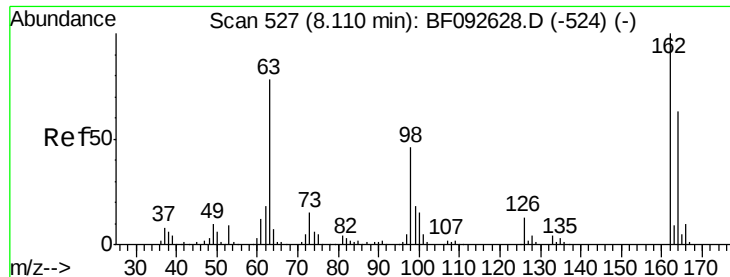
Tgt Ion:122 Resp: 442344
 Ion Ratio Lower Upper
 122 100
 107 116.2 94.1 141.1
 121 58.8 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.43 ng
 RT: 7.90 min Scan# 509
 Delta R.T. -0.02 min
 Lab File: BF092992.D
 Acq: 16 Feb 2017 20:26

Tgt Ion: 93 Resp: 614271
 Ion Ratio Lower Upper
 93 100
 95 33.4 26.5 39.7
 123 12.3 8.6 13.0

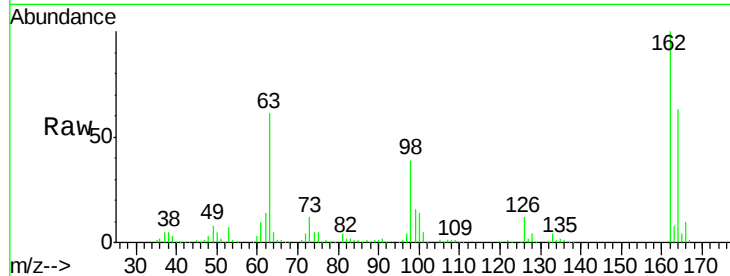




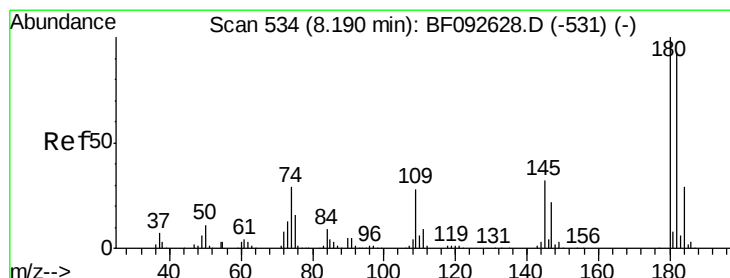
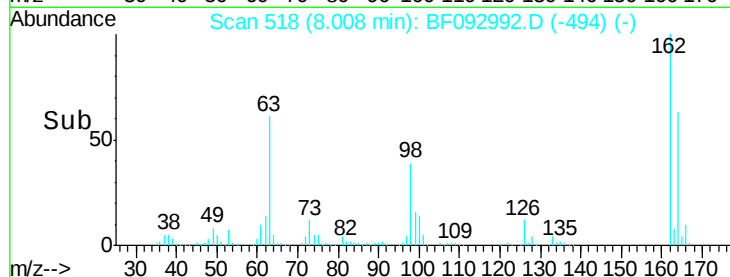
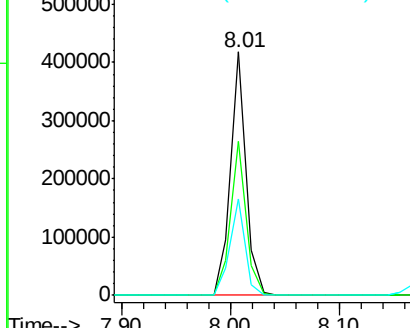
#29
 2,4-Dichlorophenol
 Concen: 48.03 ng
 RT: 8.01 min Scan# 518
 Delta R.T. -0.02 min
 Lab File: BF092992.D
 Acq: 16 Feb 2017 20:26

Instrument :
 BNA_F
 ClientSampleId :
 280514-COMP-0-2FTMS

Tgt Ion:162 Resp: 411628
 Ion Ratio Lower Upper
 162 100
 164 63.2 46.8 86.8
 98 39.5 9.1 49.1

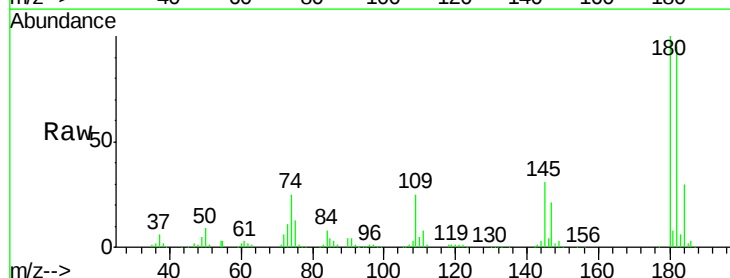


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

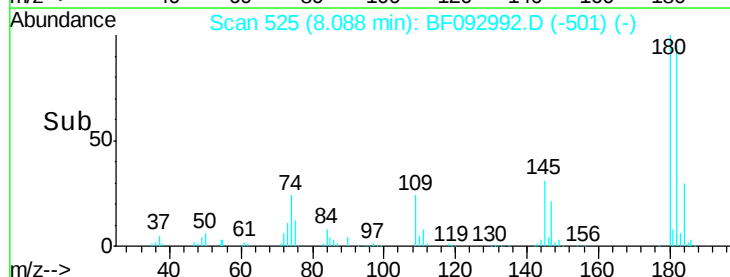
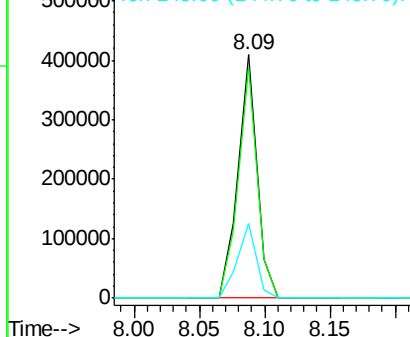


#30
 1,2,4-Trichlorobenzene
 Concen: 44.80 ng
 RT: 8.09 min Scan# 525
 Delta R.T. -0.02 min
 Lab File: BF092992.D
 Acq: 16 Feb 2017 20:26

Tgt Ion:180 Resp: 413782
 Ion Ratio Lower Upper
 180 100
 182 95.0 78.2 117.4
 145 30.7 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: 43.11 ng

RT: 8.17 min Scan# 532

Delta R.T. -0.02 min

Lab File: BF092992.D

Acq: 16 Feb 2017 20:26

Instrument :

BNA_F

ClientSampleId :

280514-COMP-0-2FTMS

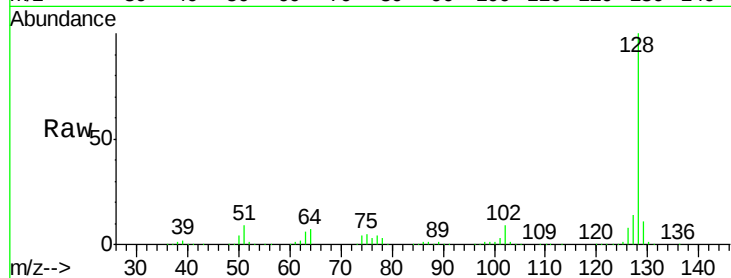
Tgt Ion:128 Resp: 1304580

Ion Ratio Lower Upper

128 100

129 11.5 9.5 14.3

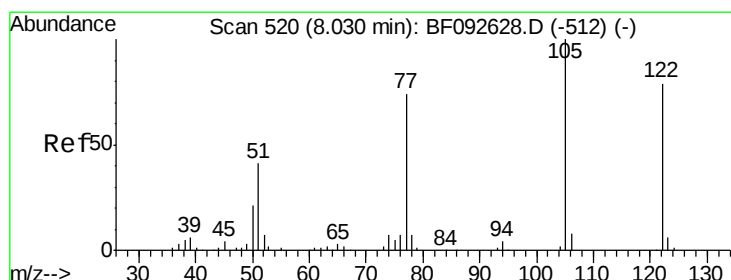
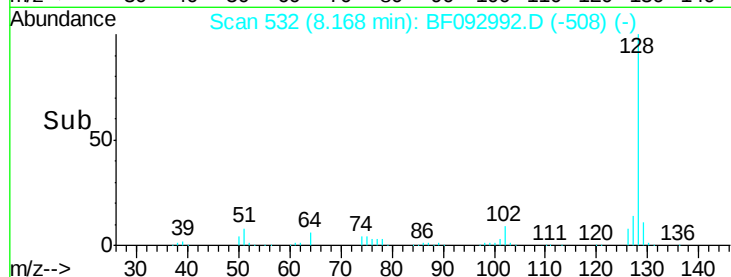
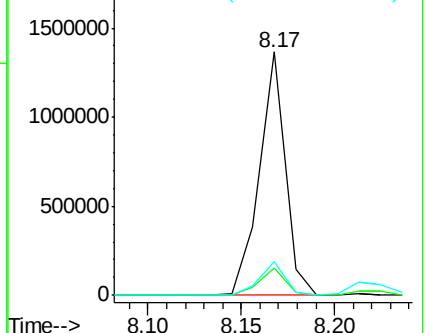
127 13.8 10.8 16.2



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: 44.99 ng

RT: 7.94 min Scan# 512

Delta R.T. -0.03 min

Lab File: BF092992.D

Acq: 16 Feb 2017 20:26

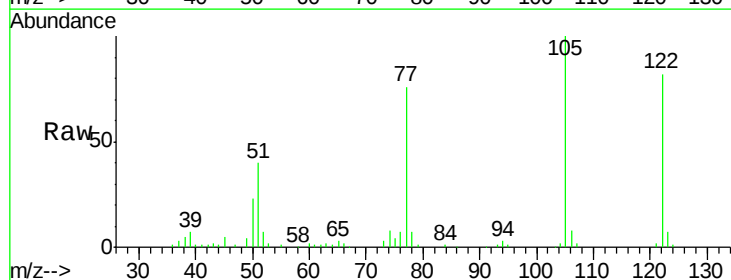
Tgt Ion:122 Resp: 231492

Ion Ratio Lower Upper

122 100

105 121.7 107.2 147.2

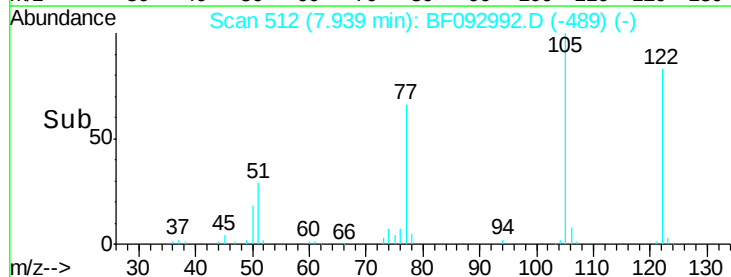
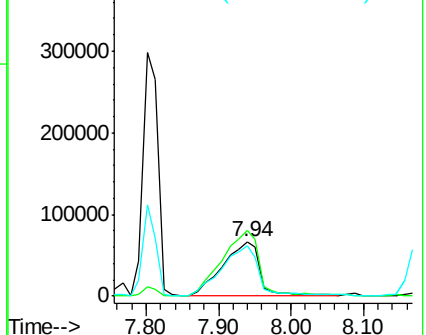
77 92.7 74.5 114.5



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

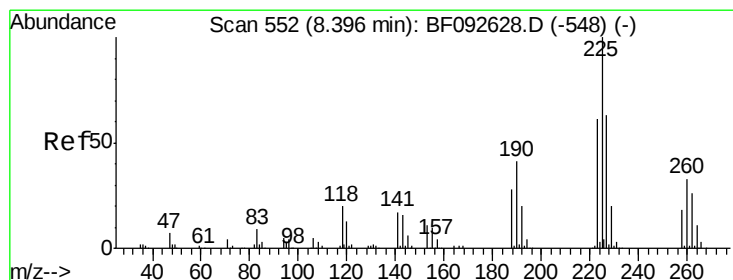
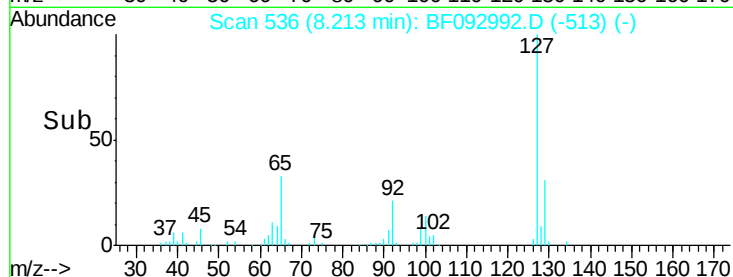
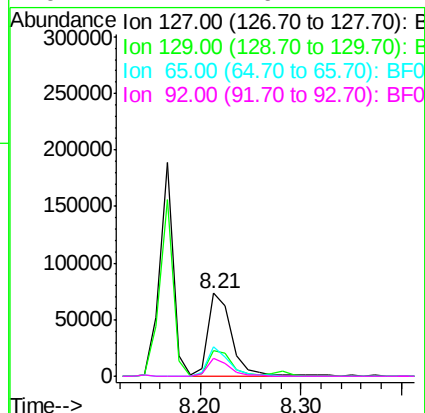
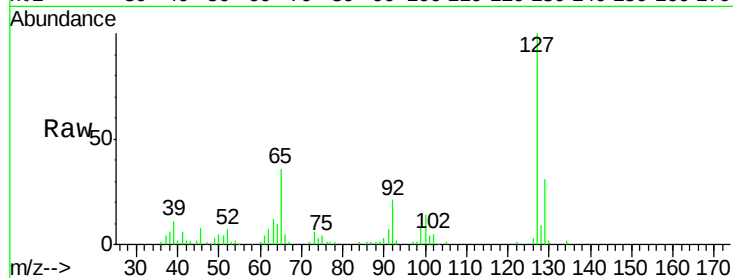




#33
4-Chloroaniline
Concen: 10.00 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.03 min
Lab File: BF092992.D
Acq: 16 Feb 2017 20:26

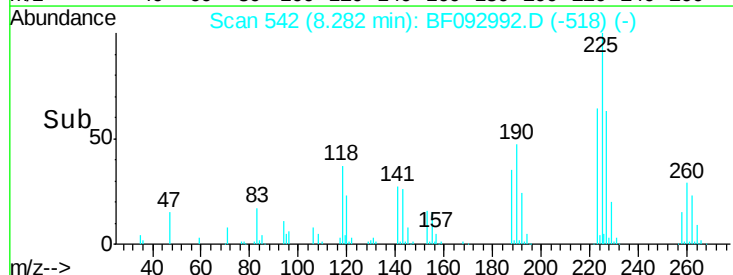
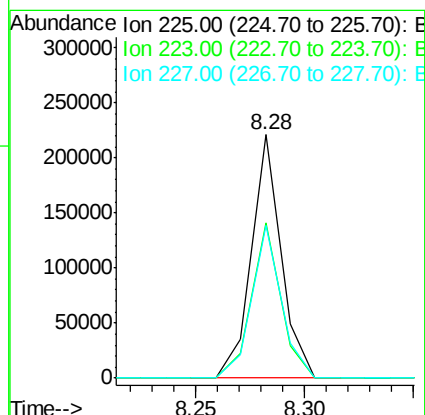
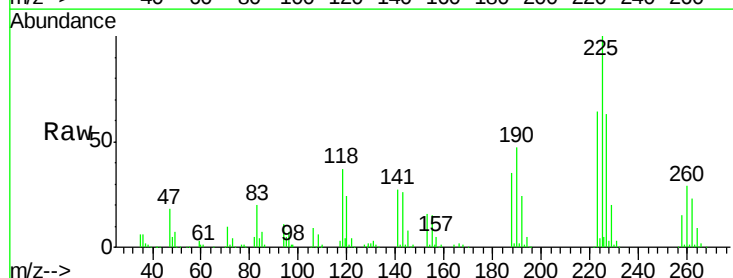
Instrument :
BNA_F
ClientSampleId :
280514-COMP-0-2FTMS

Tgt Ion:	127	Resp:	118681
Ion	Ratio	Lower	Upper
127	100		
129	30.7	26.3	39.5
65	36.2	25.8	38.8
92	21.1	16.1	24.1



#34
Hexachlorobutadiene
Concen: 41.23 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.02 min
Lab File: BF092992.D
Acq: 16 Feb 2017 20:26

Tgt Ion:	225	Resp:	209492
Ion	Ratio	Lower	Upper
225	100		
223	63.8	51.0	76.6
227	62.7	50.6	76.0

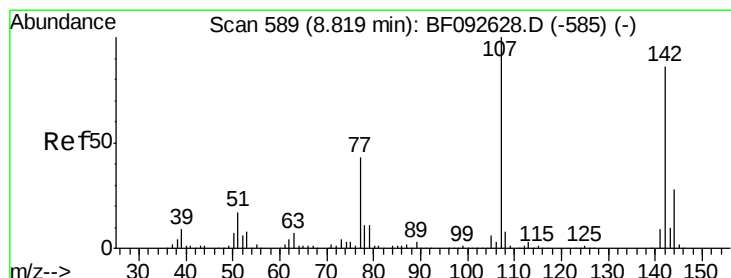
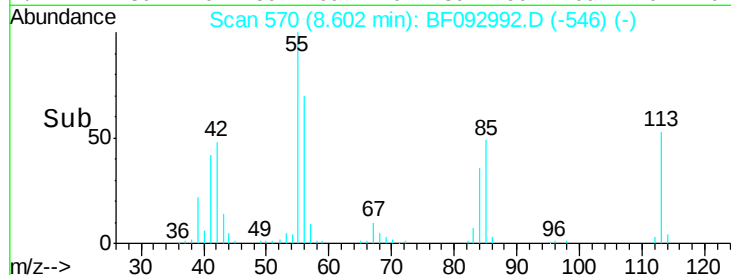
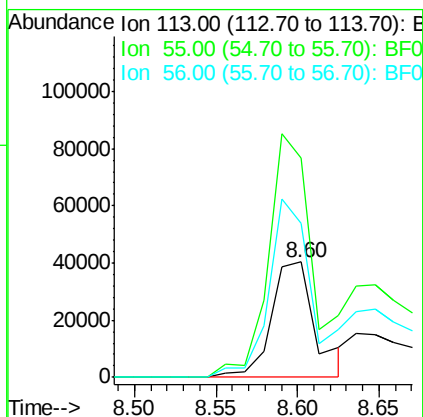
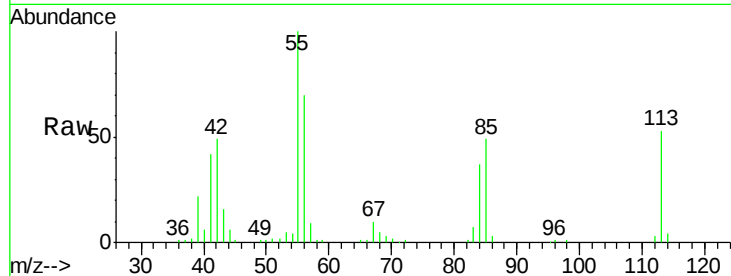




#35
 Caprolactam
 Concen: 27.97 ng
 RT: 8.60 min Scan# 570
 Delta R.T. -0.02 min
 Lab File: BF092992.D
 Acq: 16 Feb 2017 20:26

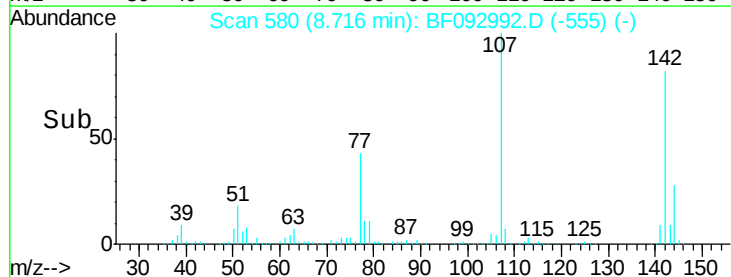
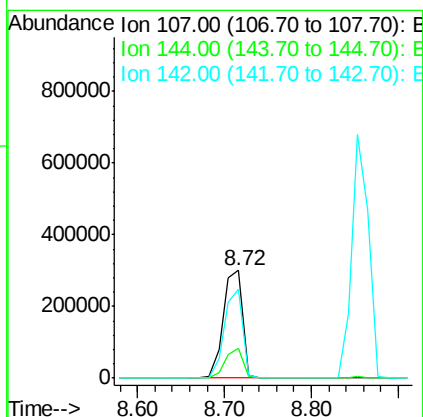
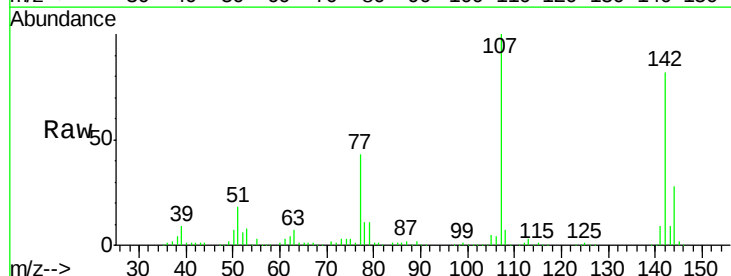
Instrument :
 BNA_F
 ClientSampleId :
 280514-COMP-0-2FTMS

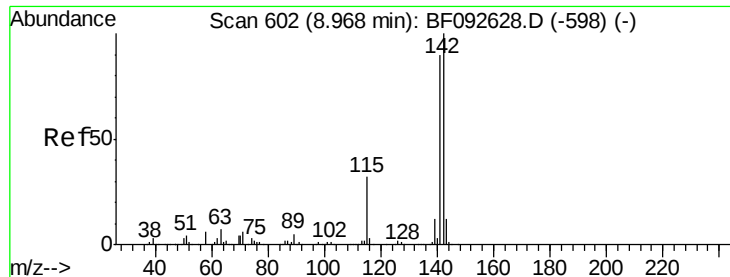
Tgt Ion:113 Resp: 75417
 Ion Ratio Lower Upper
 113 100
 55 190.1 119.2 159.2#
 56 133.3 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 51.94 ng
 RT: 8.72 min Scan# 580
 Delta R.T. -0.01 min
 Lab File: BF092992.D
 Acq: 16 Feb 2017 20:26

Tgt Ion:107 Resp: 464077
 Ion Ratio Lower Upper
 107 100
 144 27.9 19.3 28.9
 142 82.4 59.0 88.6

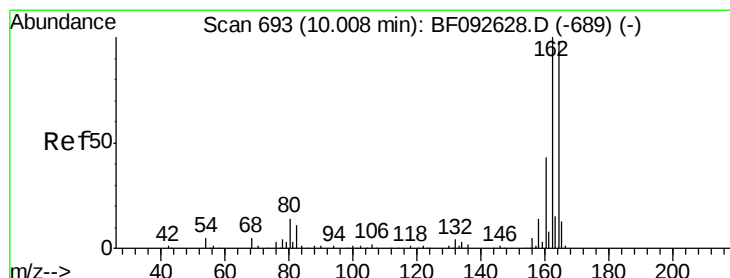
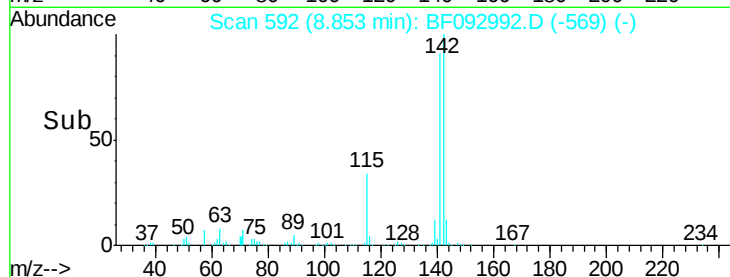
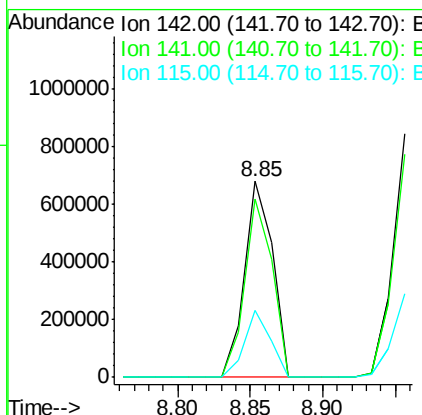
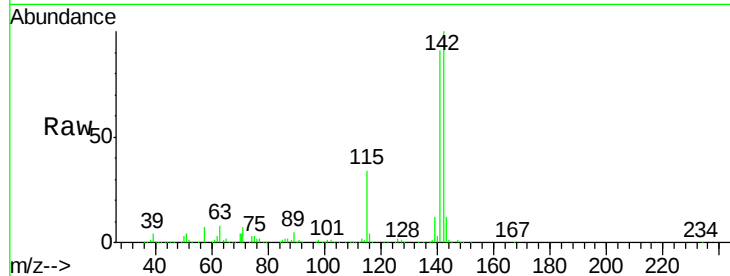




#37
2-Methylnaphthalene
Concen: 47.13 ng
RT: 8.85 min Scan# 592
Delta R.T. -0.03 min
Lab File: BF092992.D
Acq: 16 Feb 2017 20:26

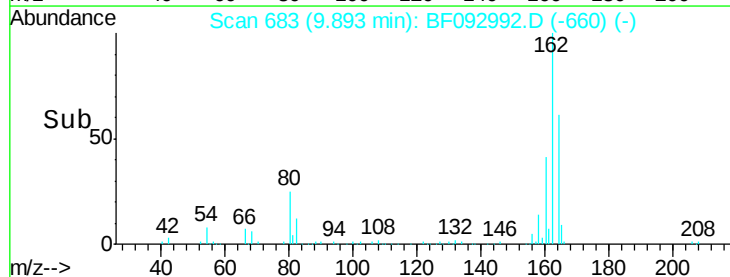
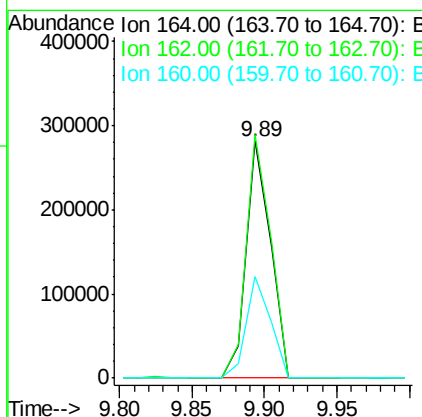
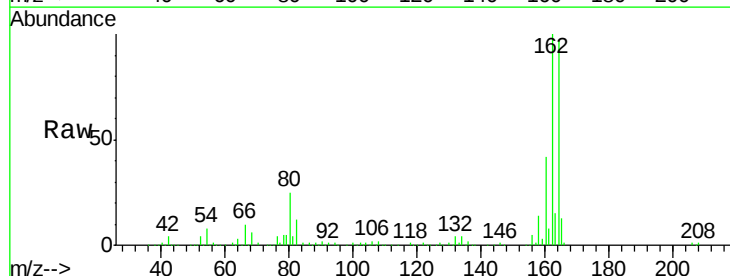
Instrument :
BNA_F
ClientSampleId :
280514-COMP-0-2FTMS

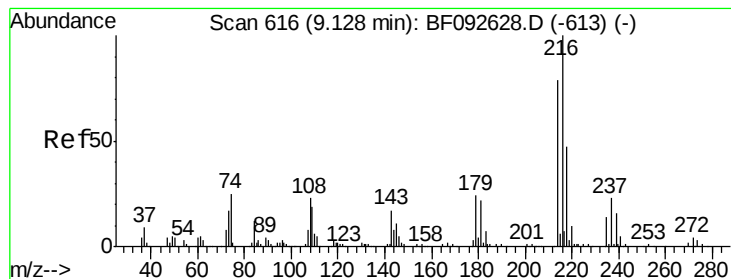
Tgt Ion:142 Resp: 915780
Ion Ratio Lower Upper
142 100
141 90.6 71.0 106.6
115 34.3 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.03 min
Lab File: BF092992.D
Acq: 16 Feb 2017 20:26

Tgt Ion:164 Resp: 329000
Ion Ratio Lower Upper
164 100
162 102.8 80.2 120.2
160 42.9 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.66 ng

RT: 9.02 min Scan# 607

Delta R.T. -0.02 min

Lab File: BF092992.D

Acq: 16 Feb 2017 20:26

Instrument :

BNA_F

ClientSampleId :

280514-COMP-0-2FTMS

Tgt Ion:216 Resp: 403194

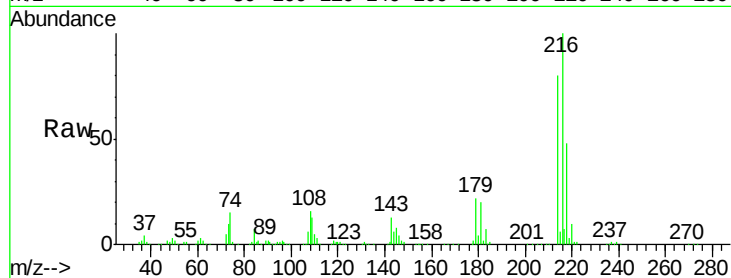
Ion Ratio Lower Upper

216 100

214 80.1 63.4 95.0

179 22.0 17.4 26.2

108 20.8 15.6 23.4

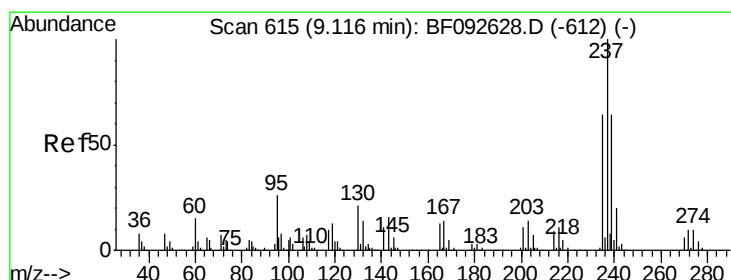
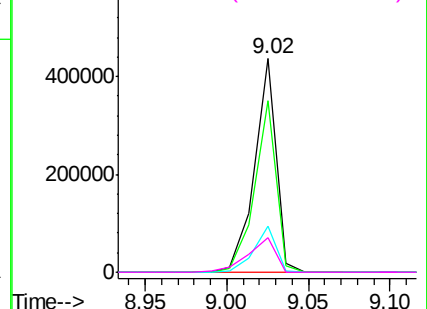
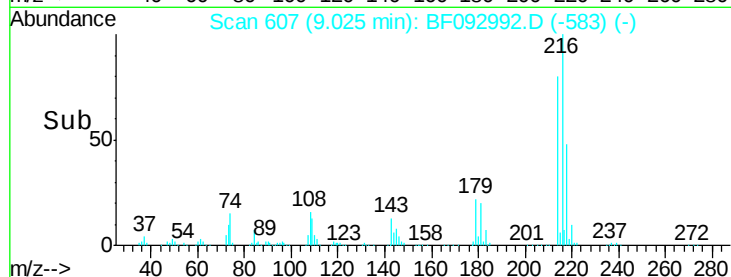


Abundance Ion 216.00 (215.70 to 216.70): E

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: 82.83 ng

RT: 9.01 min Scan# 606

Delta R.T. -0.02 min

Lab File: BF092992.D

Acq: 16 Feb 2017 20:26

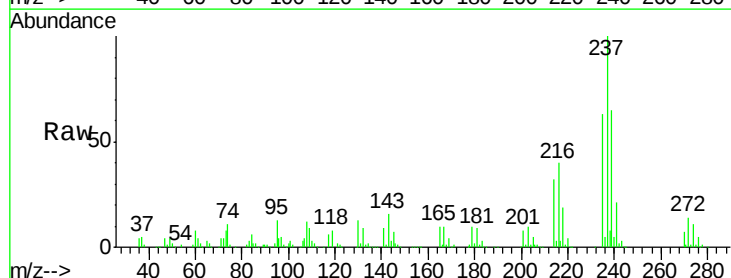
Tgt Ion:237 Resp: 345134

Ion Ratio Lower Upper

237 100

235 63.4 41.2 81.2

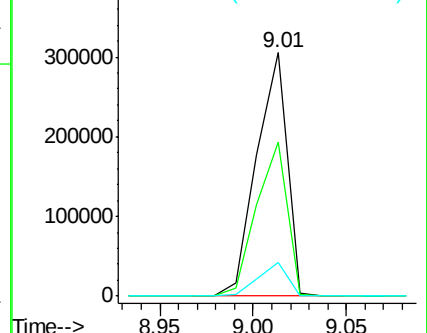
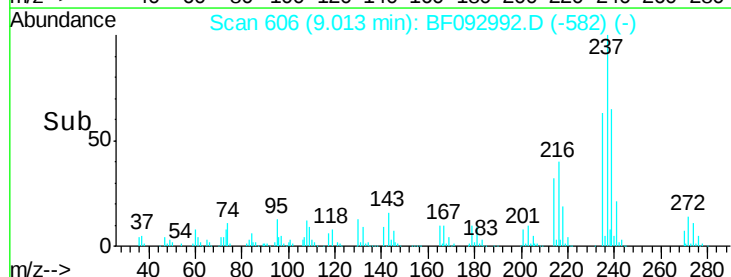
272 13.8 0.0 35.4



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

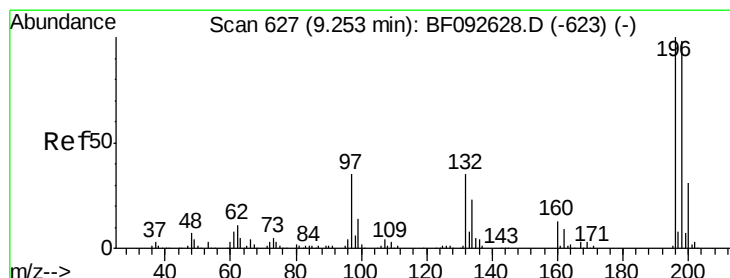
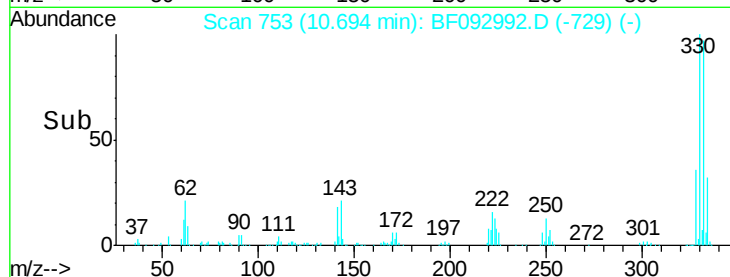
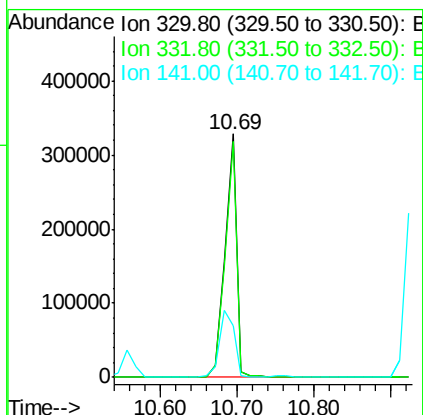
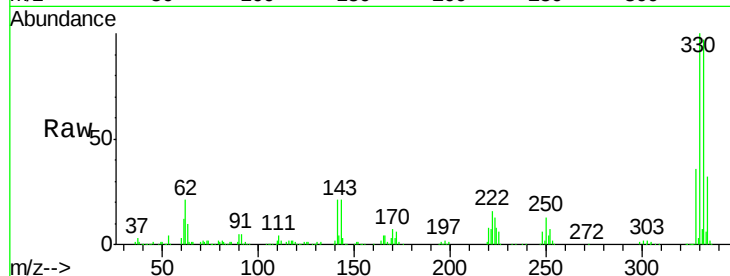




#41
 2,4,6-Tribromophenol
 Concen: 149.64 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.02 min
 Lab File: BF092992.D
 Acq: 16 Feb 2017 20:26

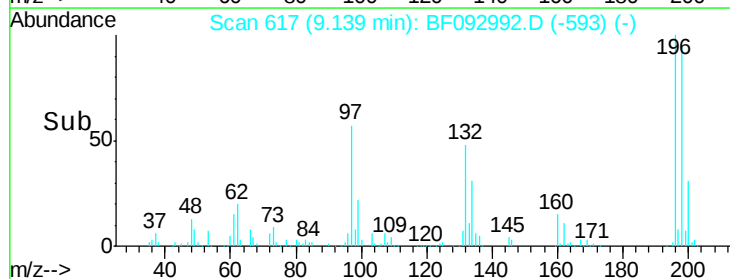
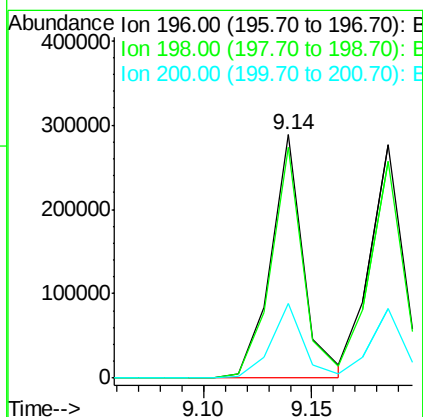
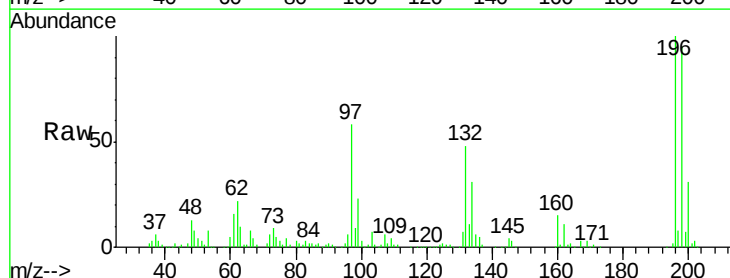
Instrument :
 BNA_F
 ClientSampleId :
 280514-COMP-0-2FTMS

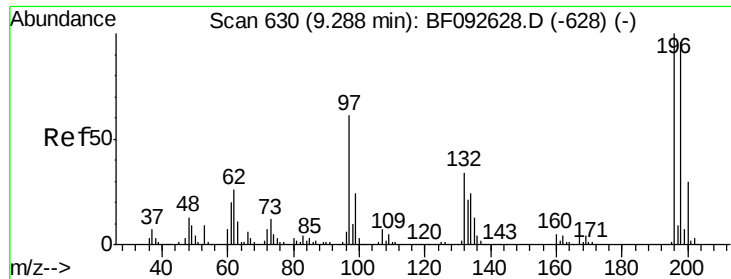
Tgt Ion:330 Resp: 356072
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.4 116.2
 141 34.6 34.1 51.1



#42
 2,4,6-Trichlorophenol
 Concen: 49.66 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.02 min
 Lab File: BF092992.D
 Acq: 16 Feb 2017 20:26

Tgt Ion:196 Resp: 301377
 Ion Ratio Lower Upper
 196 100
 198 94.9 82.1 123.1
 200 30.6 27.0 40.4

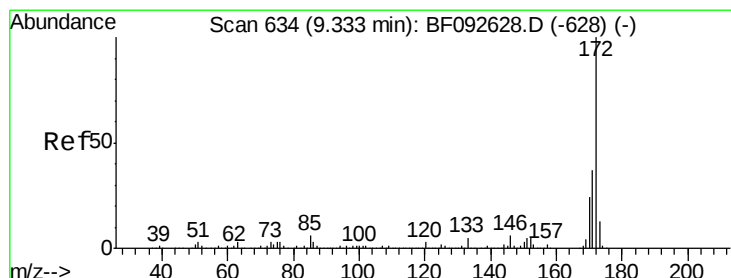
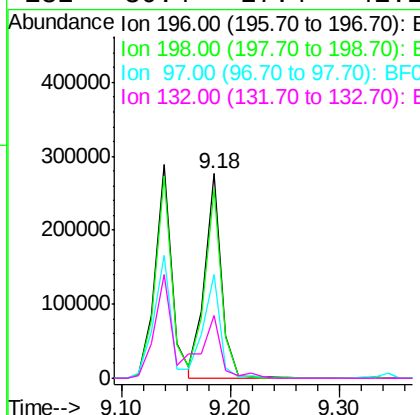
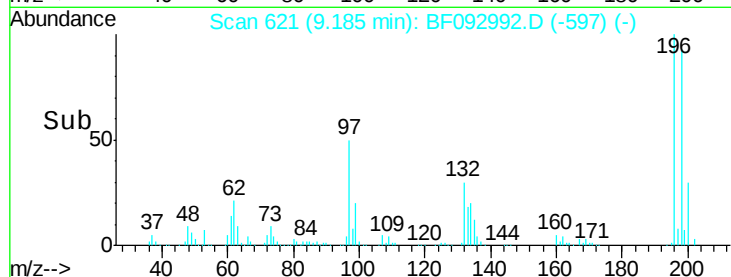
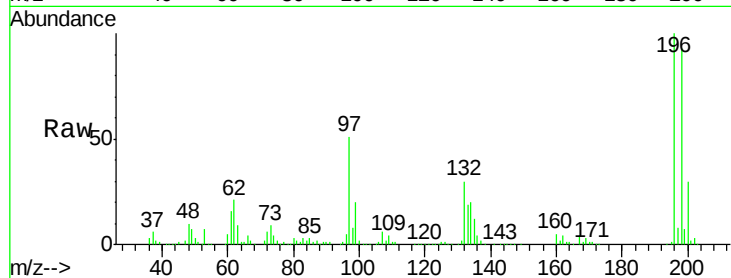




#43
 2,4,5-Trichlorophenol
 Concen: 44.50 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.02 min
 Lab File: BF092992.D
 Acq: 16 Feb 2017 20:26

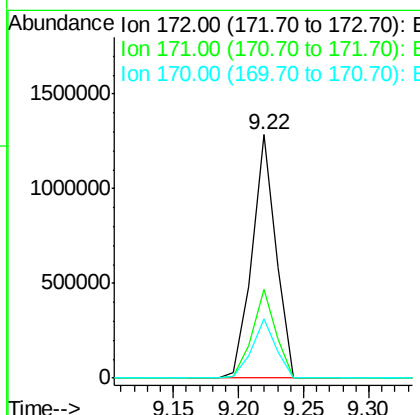
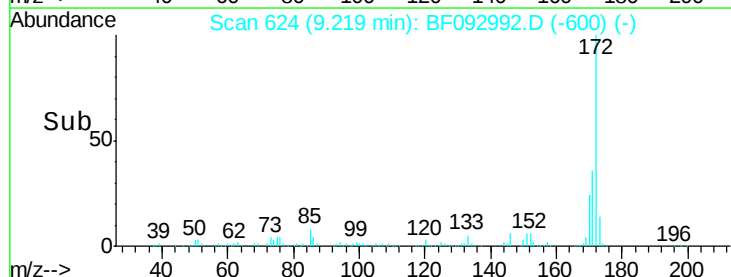
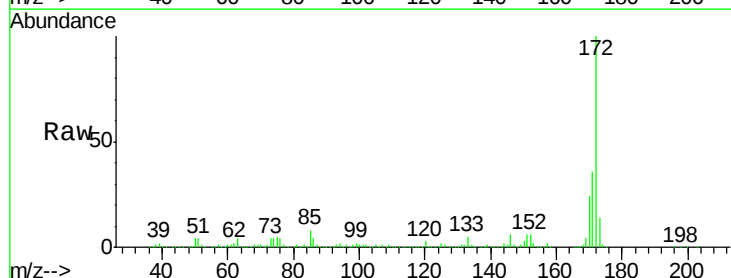
Instrument :
 BNA_F
 ClientSampleId :
 280514-COMP-0-2FTMS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.8	79.4	119.2
97	50.7	51.5	77.3
132	30.4	27.4	41.2



#44
 2-Fluorobiphenyl
 Concen: 90.13 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.02 min
 Lab File: BF092992.D
 Acq: 16 Feb 2017 20:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.3	20.2	30.4

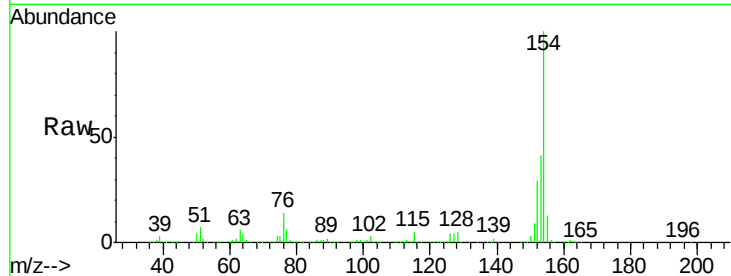




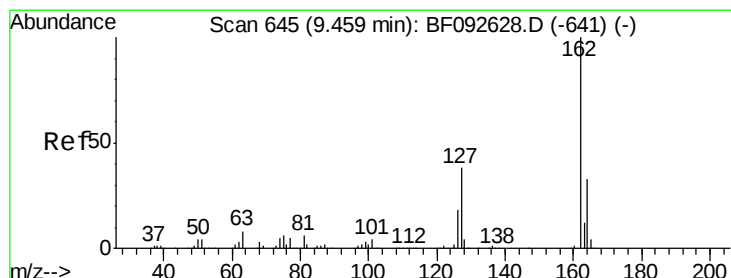
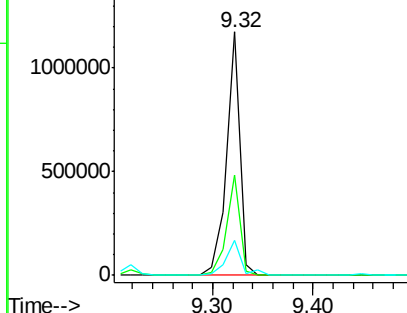
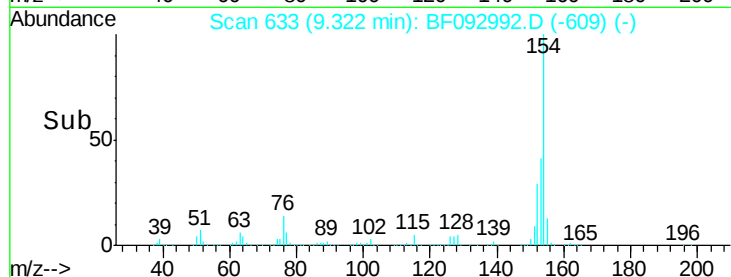
#45
 1,1'-Biphenyl
 Concen: 45.27 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.02 min
 Lab File: BF092992.D
 Acq: 16 Feb 2017 20:26

Instrument :
 BNA_F
 ClientSampleId :
 280514-COMP-0-2FTMS

Tgt Ion:154 Resp: 1078583
 Ion Ratio Lower Upper
 154 100
 153 41.4 20.9 60.9
 76 14.3 0.0 30.5

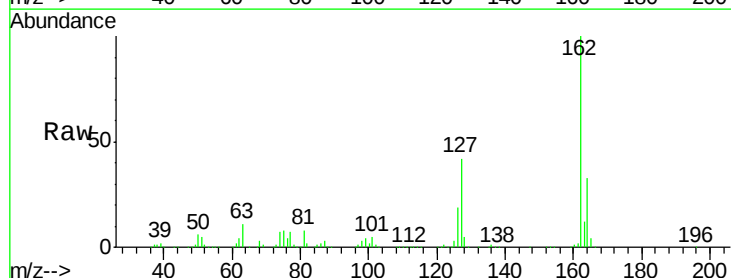


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

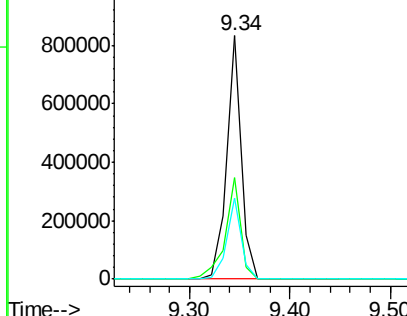
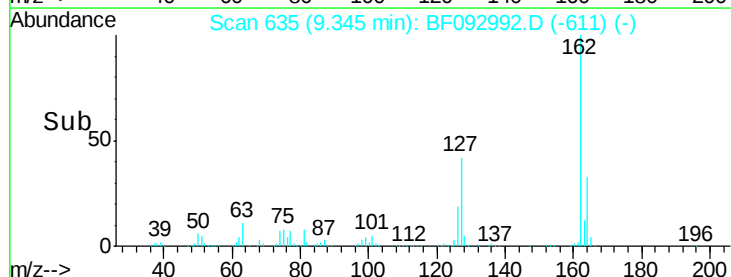


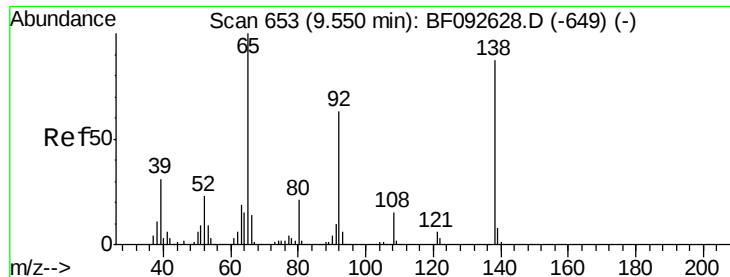
#46
 2-Chloronaphthalene
 Concen: 44.90 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.02 min
 Lab File: BF092992.D
 Acq: 16 Feb 2017 20:26

Tgt Ion:162 Resp: 836821
 Ion Ratio Lower Upper
 162 100
 127 41.6 30.7 46.1
 164 33.1 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

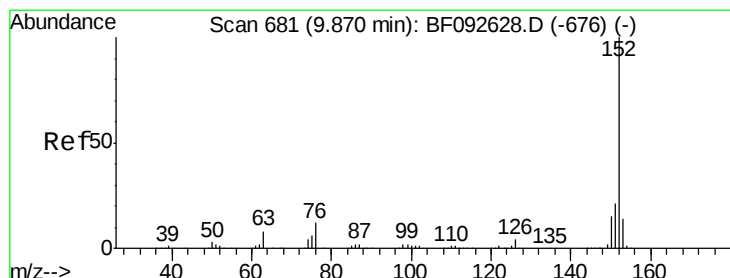
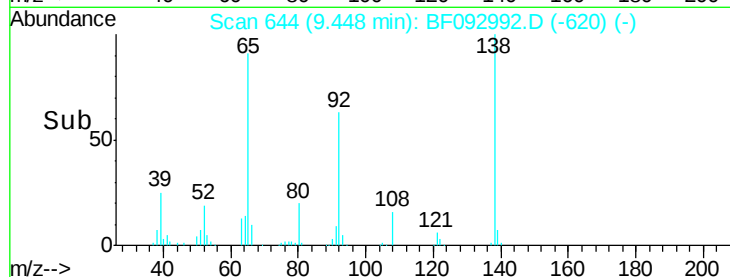
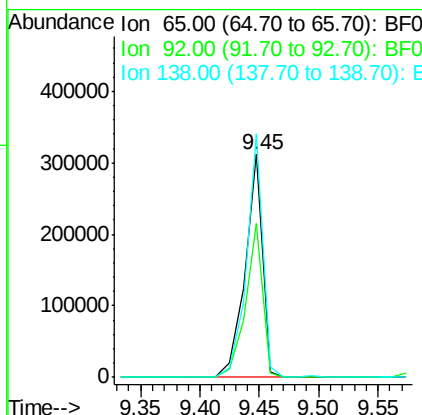
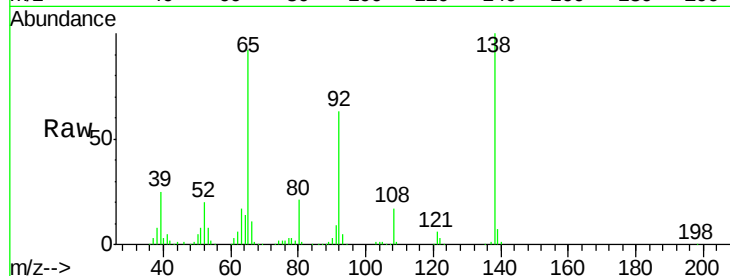




#47
2-Nitroaniline
Concen: 51.05 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF092992.D
Acq: 16 Feb 2017 20:26

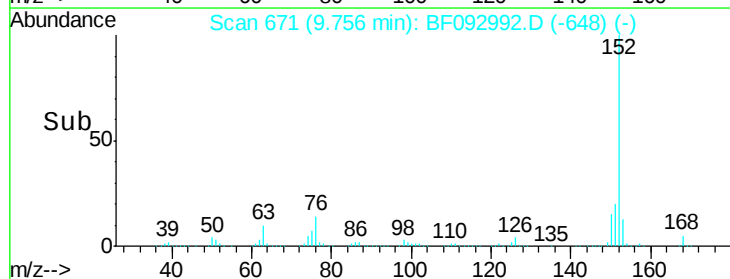
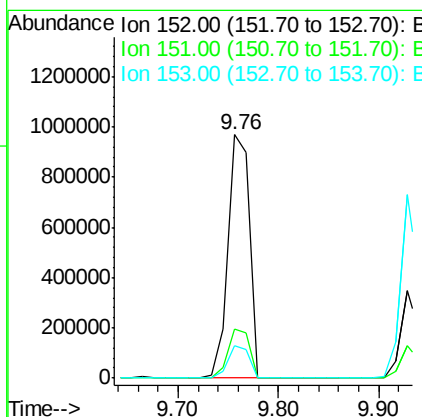
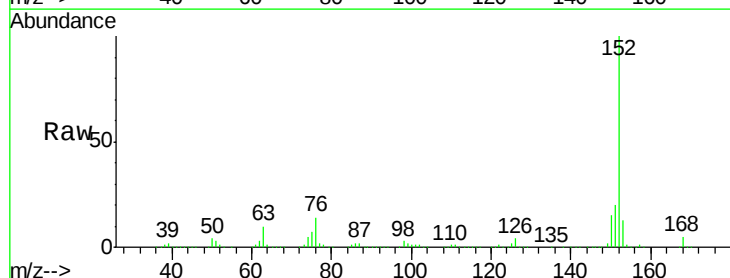
Instrument :
BNA_F
ClientSampleId :
280514-COMP-0-2FTMS

Tgt Ion: 65 Resp: 319894
Ion Ratio Lower Upper
65 100
92 69.3 53.9 80.9
138 109.3 76.8 115.2



#48
Acenaphthylene
Concen: 44.37 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.03 min
Lab File: BF092992.D
Acq: 16 Feb 2017 20:26

Tgt Ion: 152 Resp: 1428590
Ion Ratio Lower Upper
152 100
151 20.4 16.9 25.3
153 13.4 11.4 17.2

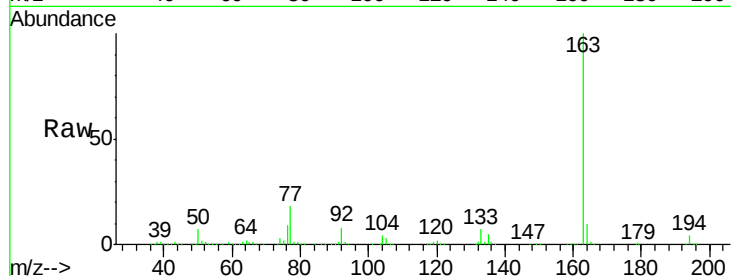




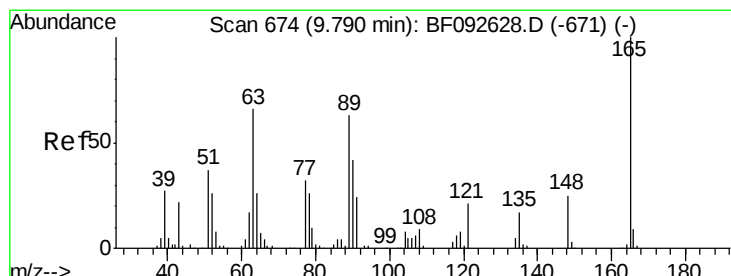
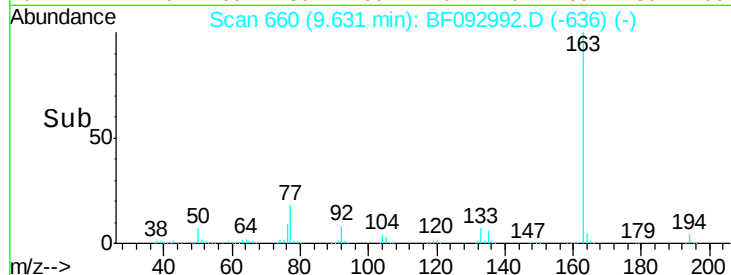
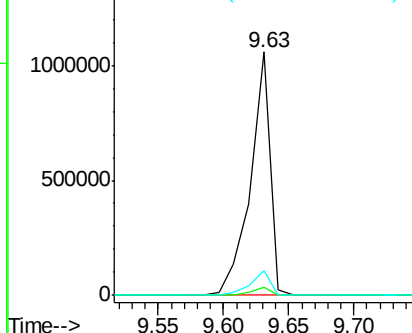
#49
Dimethylphthalate
Concen: 50.57 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.02 min
Lab File: BF092992.D
Acq: 16 Feb 2017 20:26

Instrument :
BNA_F
ClientSampleId :
280514-COMP-0-2FTMS

Tgt Ion:163 Resp: 1120685
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 9.9 8.0 12.0

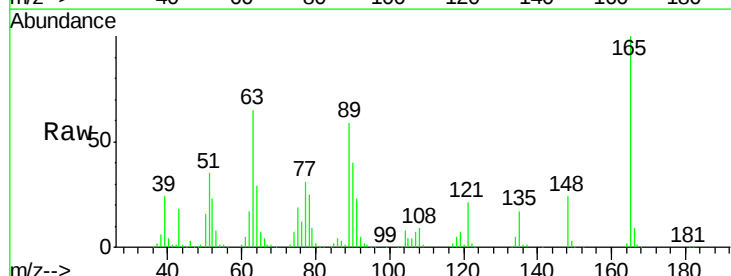


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

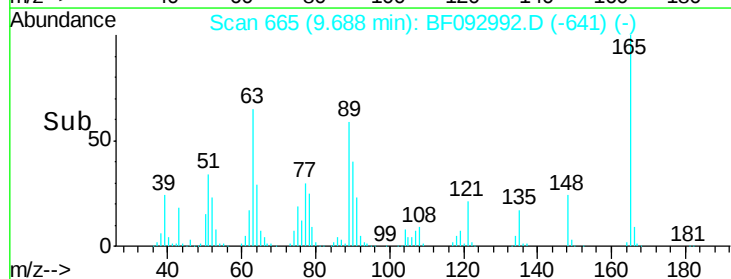
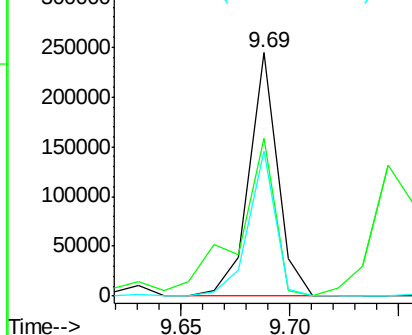


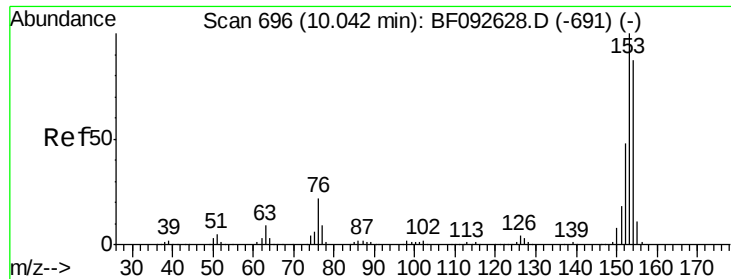
#50
2,6-Dinitrotoluene
Concen: 46.92 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.02 min
Lab File: BF092992.D
Acq: 16 Feb 2017 20:26

Tgt Ion:165 Resp: 224559
Ion Ratio Lower Upper
165 100
63 64.9 36.2 54.4#
89 59.5 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: 44.48 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.03 min

Lab File: BF092992.D

Acq: 16 Feb 2017 20:26

Instrument :

BNA_F

ClientSampleId :

280514-COMP-0-2FTMS

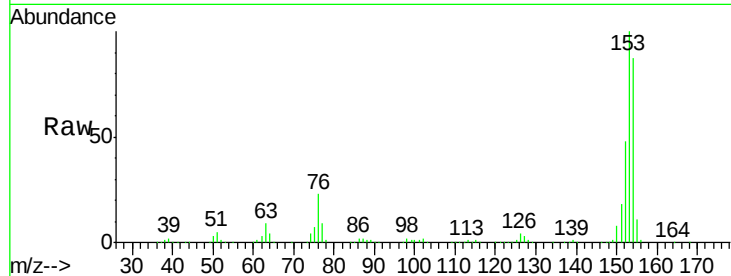
Tgt Ion:154 Resp: 856097

Ion Ratio Lower Upper

154 100

153 115.0 88.6 133.0

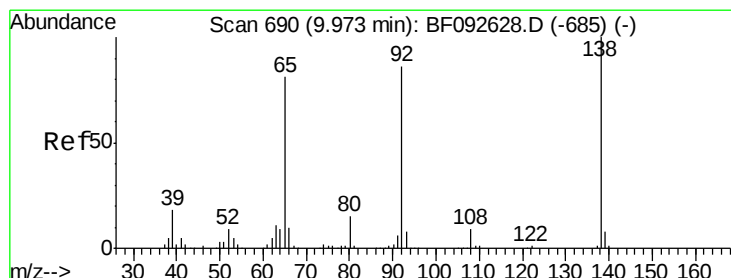
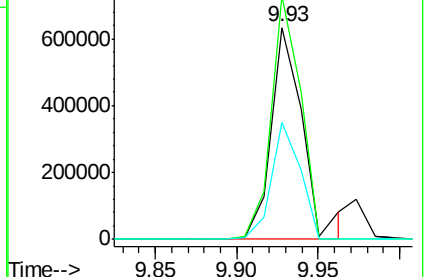
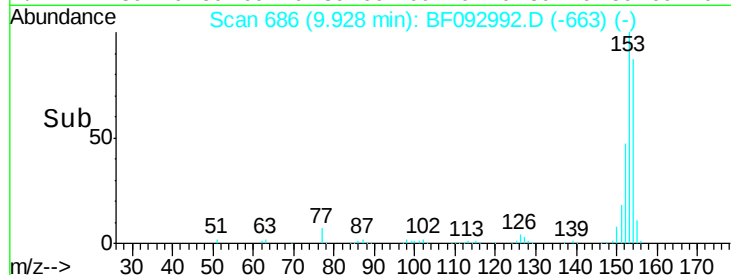
152 55.1 41.6 62.4



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: 15.66 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF092992.D

Acq: 16 Feb 2017 20:26

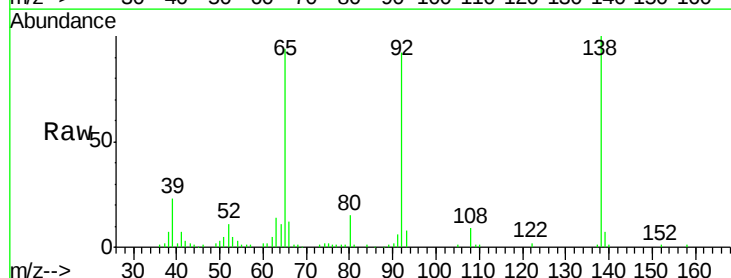
Tgt Ion:138 Resp: 85752

Ion Ratio Lower Upper

138 100

108 9.3 8.5 12.7

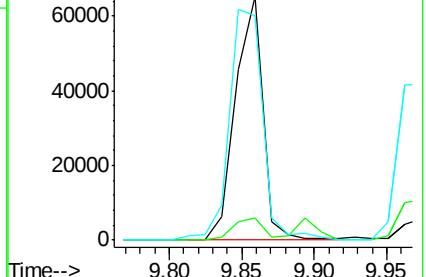
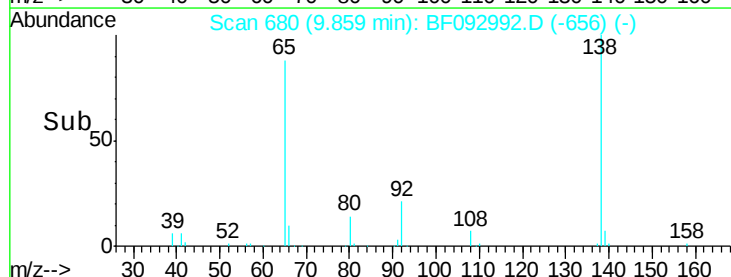
92 92.2 97.8 146.8#

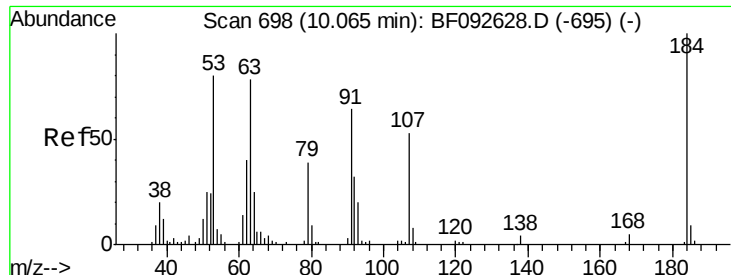


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

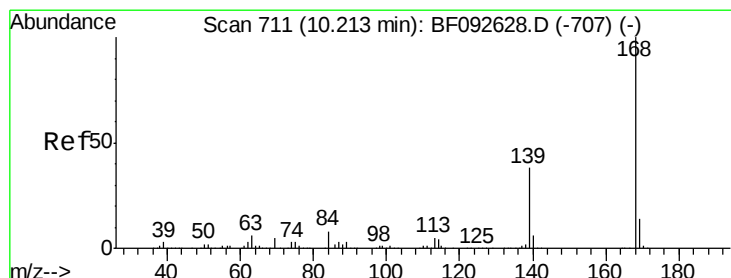
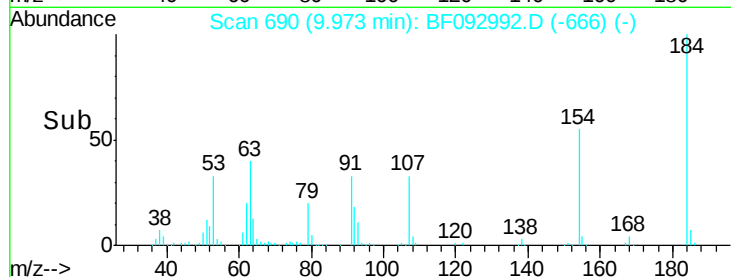
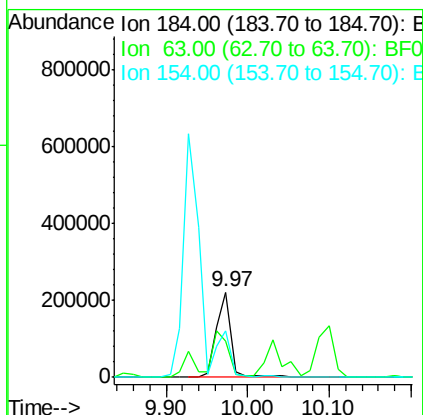
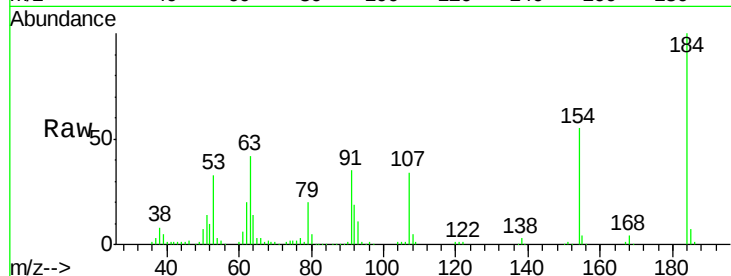




#53
 2,4-Dinitrophenol
 Concen: 111.58 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.02 min
 Lab File: BF092992.D
 Acq: 16 Feb 2017 20:26

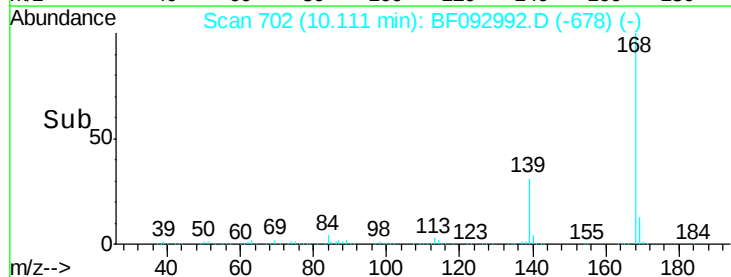
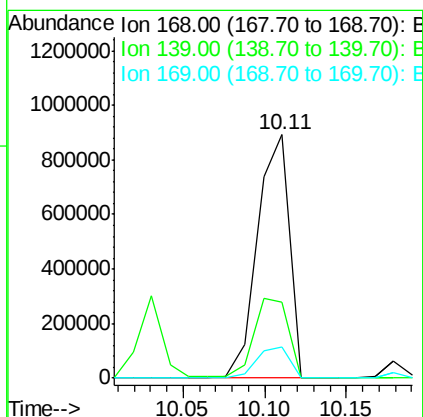
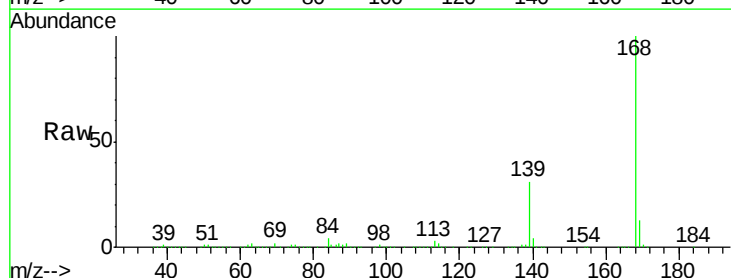
Instrument :
 BNA_F
 ClientSampleId :
 280514-COMP-0-2FTMS

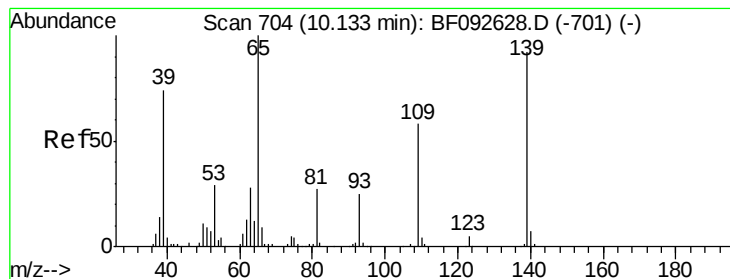
Tgt Ion:184 Resp: 276481
 Ion Ratio Lower Upper
 184 100
 63 42.2 28.4 42.6
 154 54.7 44.3 66.5



#54
 Dibenzofuran
 Concen: 47.08 ng
 RT: 10.11 min Scan# 702
 Delta R.T. -0.02 min
 Lab File: BF092992.D
 Acq: 16 Feb 2017 20:26

Tgt Ion:168 Resp: 1211963
 Ion Ratio Lower Upper
 168 100
 139 31.4 32.6 49.0#
 169 12.8 11.3 16.9





#55

4-Nitrophenol

Concen: 79.45 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.02 min

Lab File: BF092992.D

Acq: 16 Feb 2017 20:26

Instrument :

BNA_F

ClientSampleId :

280514-COMP-0-2FTMS

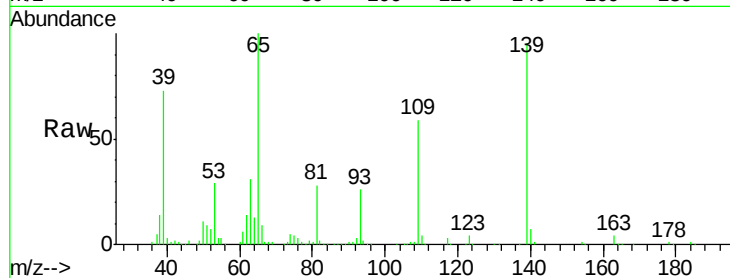
Tgt Ion:139 Resp: 313393

Ion Ratio Lower Upper

139 100

109 62.0 52.2 92.2

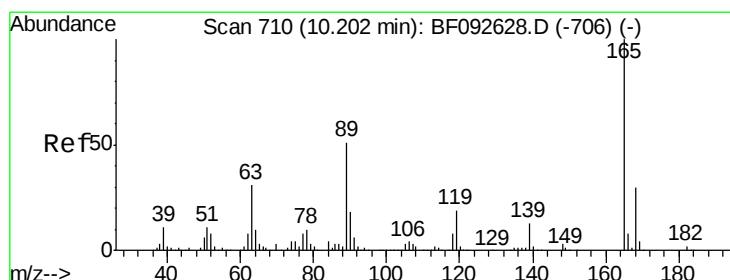
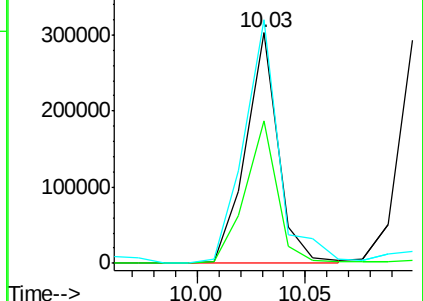
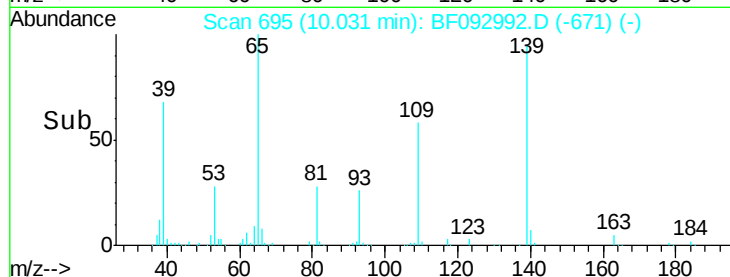
65 105.7 85.8 125.8



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: 53.90 ng

RT: 10.10 min Scan# 701

Delta R.T. -0.02 min

Lab File: BF092992.D

Acq: 16 Feb 2017 20:26

Tgt Ion:165 Resp: 343415

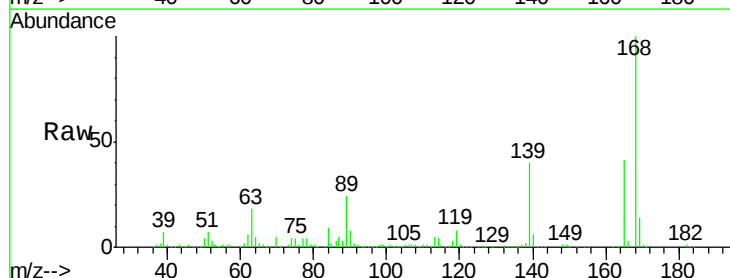
Ion Ratio Lower Upper

165 100

63 44.4 40.2 60.4

89 57.9 62.5 93.7#

182 2.3 1.8 2.8

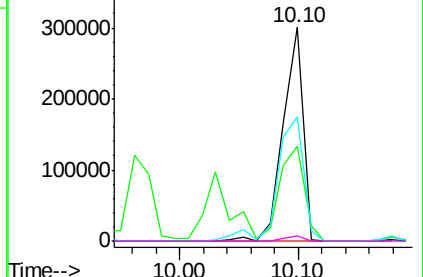
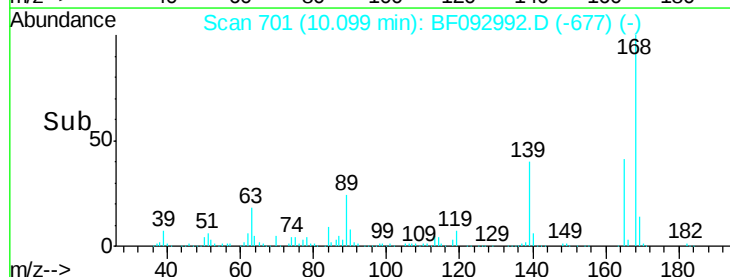


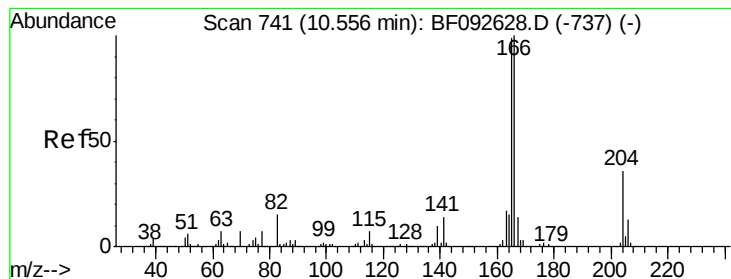
Abundance Ion 165.00 (164.70 to 165.70): E

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: 44.15 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.03 min

Lab File: BF092992.D

Acq: 16 Feb 2017 20:26

Instrument :

BNA_F

ClientSampleId :

280514-COMP-0-2FTMS

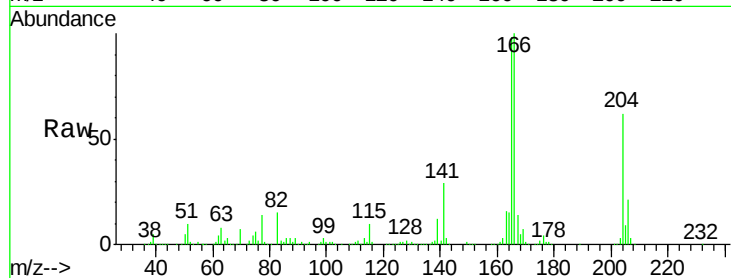
Tgt Ion:166 Resp: 874520

Ion Ratio Lower Upper

166 100

165 98.5 77.8 116.8

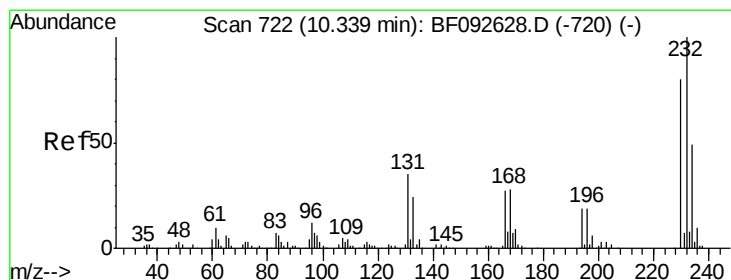
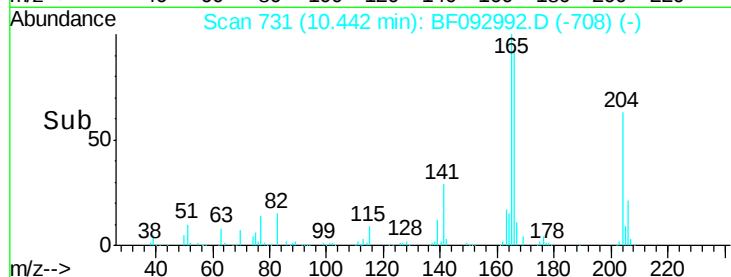
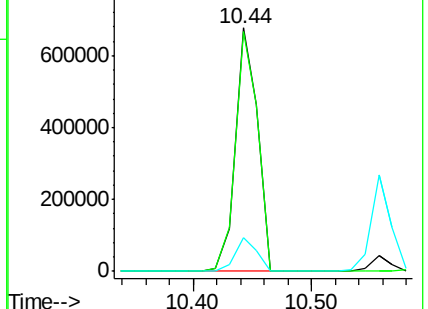
167 14.0 10.8 16.2



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: 55.29 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.02 min

Lab File: BF092992.D

Acq: 16 Feb 2017 20:26

Tgt Ion:232 Resp: 245228

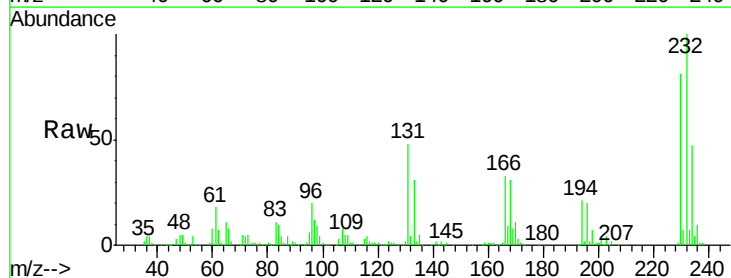
Ion Ratio Lower Upper

232 100

131 48.5 40.1 60.1

130 2.3 1.8 2.8

166 31.6 26.6 39.8

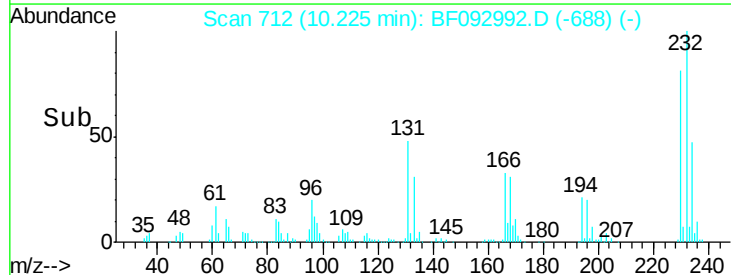
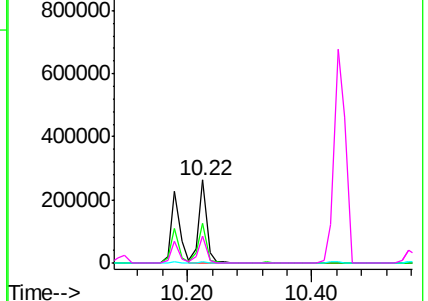


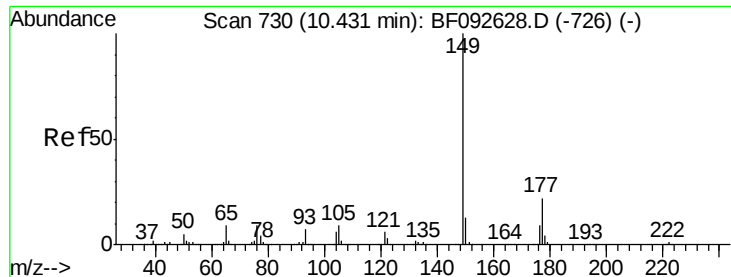
Abundance Ion 232.00 (231.70 to 232.70): E

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

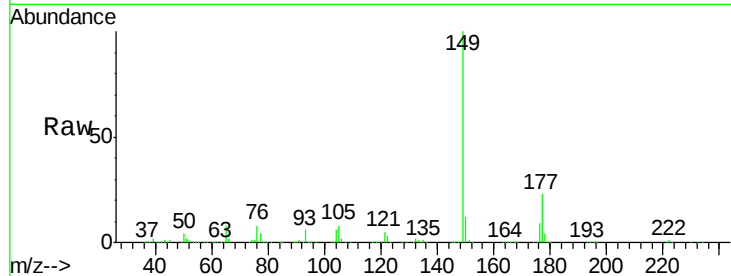




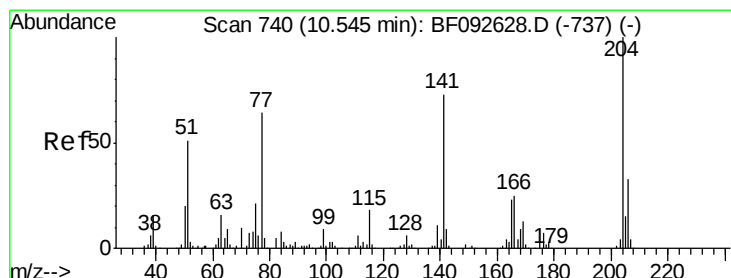
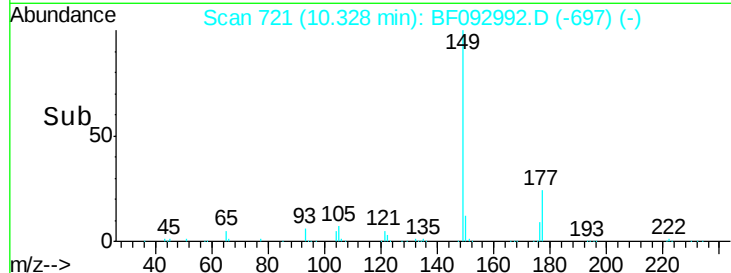
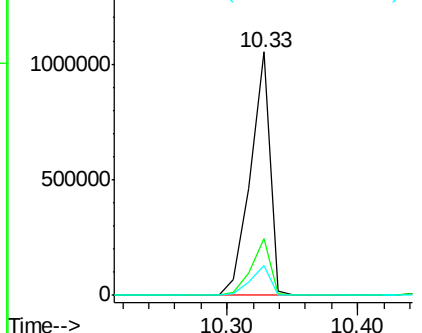
#59
Diethylphthalate
Concen: 52.76 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.02 min
Lab File: BF092992.D
Acq: 16 Feb 2017 20:26

Instrument :
BNA_F
ClientSampleId :
280514-COMP-0-2FTMS

Tgt Ion:149 Resp: 1101854
Ion Ratio Lower Upper
149 100
177 23.5 16.6 25.0
150 12.3 10.4 15.6

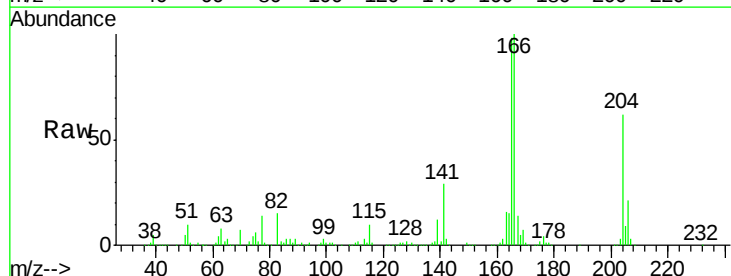


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

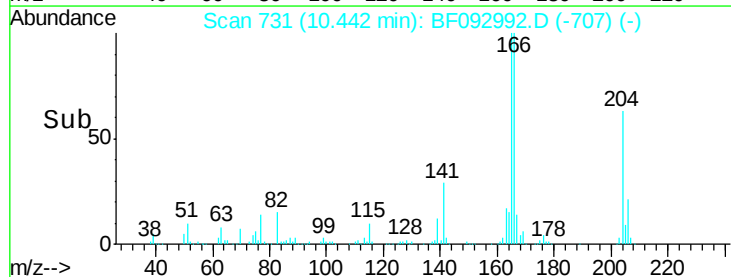
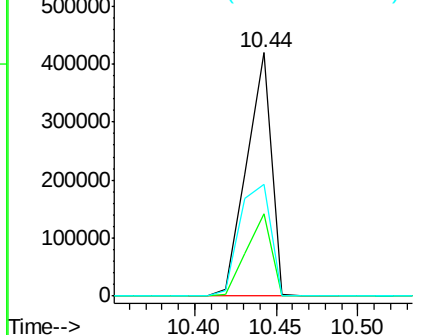


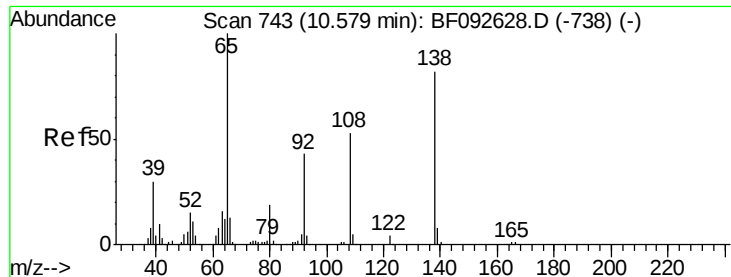
#60
4-Chlorophenyl-phenylether
Concen: 46.49 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.02 min
Lab File: BF092992.D
Acq: 16 Feb 2017 20:26

Tgt Ion:204 Resp: 442381
Ion Ratio Lower Upper
204 100
206 33.6 25.8 38.6
141 46.2 59.4 89.0#



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

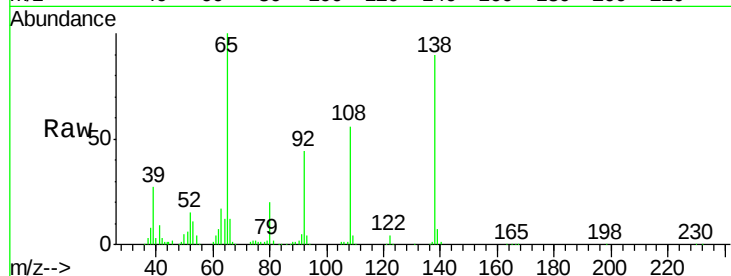




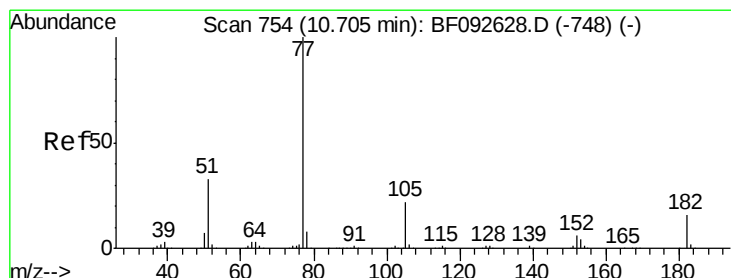
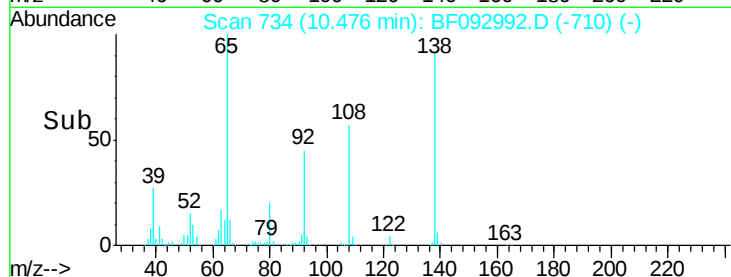
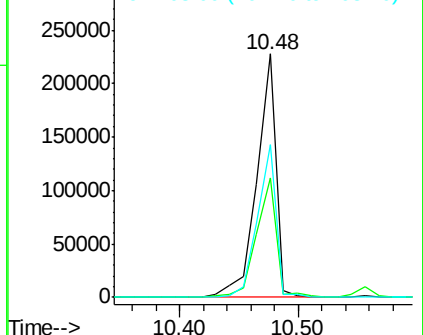
#61
4-Nitroaniline
Concen: 46.04 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF092992.D
Acq: 16 Feb 2017 20:26

Instrument :
BNA_F
ClientSampleId :
280514-COMP-0-2FTMS

Tgt Ion:138 Resp: 258271
Ion Ratio Lower Upper
138 100
92 49.1 31.7 71.7
108 62.6 52.6 92.6

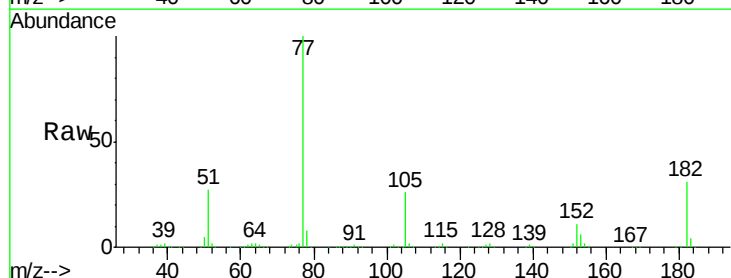


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

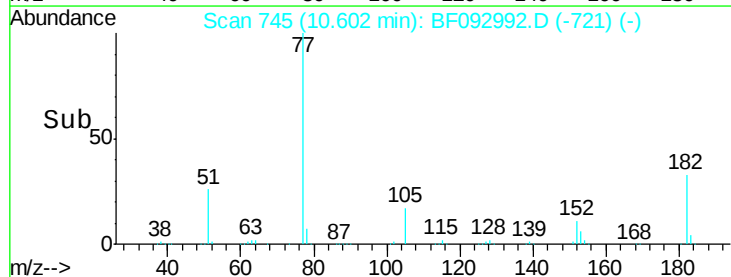
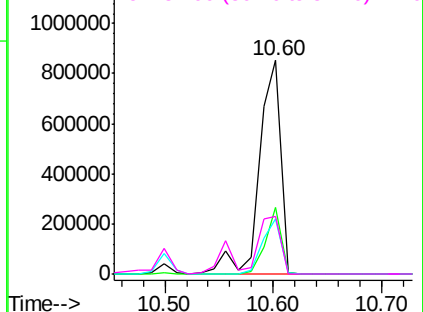


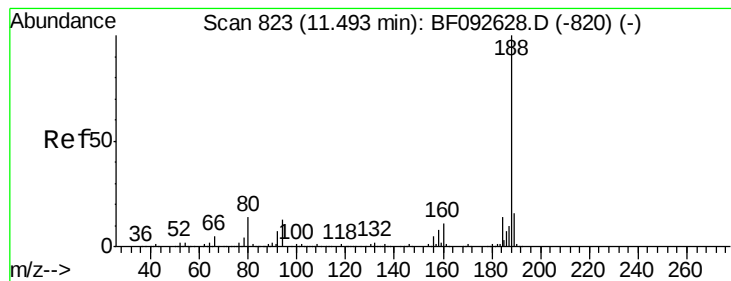
#62
Azobenzene
Concen: 54.86 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.02 min
Lab File: BF092992.D
Acq: 16 Feb 2017 20:26

Tgt Ion: 77 Resp: 1183736
Ion Ratio Lower Upper
77 100
182 31.1 0.0 39.3
105 25.9 2.3 42.3
51 27.1 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: 11.38 min Scan# 813

Delta R.T. -0.02 min

Lab File: BF092992.D

Acq: 16 Feb 2017 20:26

Instrument :

BNA_F

ClientSampleId :

280514-COMP-0-2FTMS

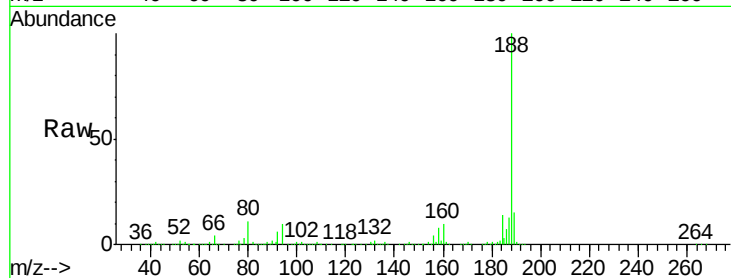
Tgt Ion:188 Resp: 554283

Ion Ratio Lower Upper

188 100

94 10.3 10.0 15.0

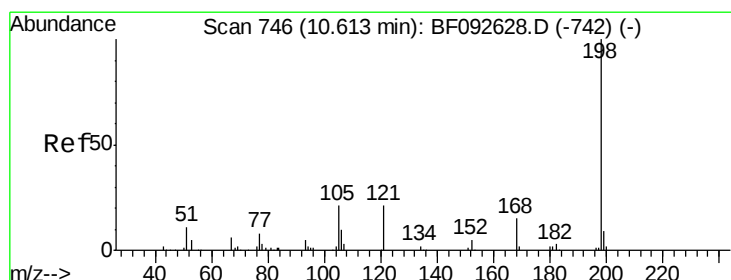
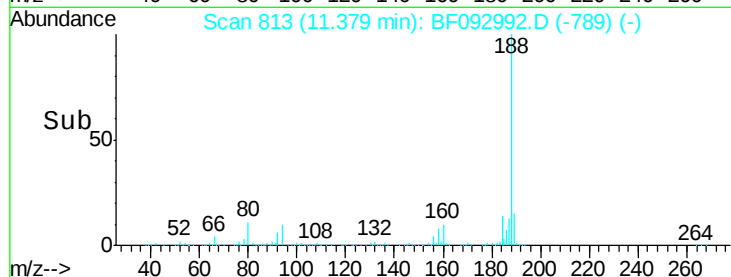
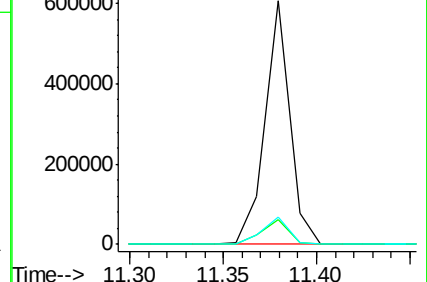
80 11.2 11.2 16.8#



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: 48.43 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.03 min

Lab File: BF092992.D

Acq: 16 Feb 2017 20:26

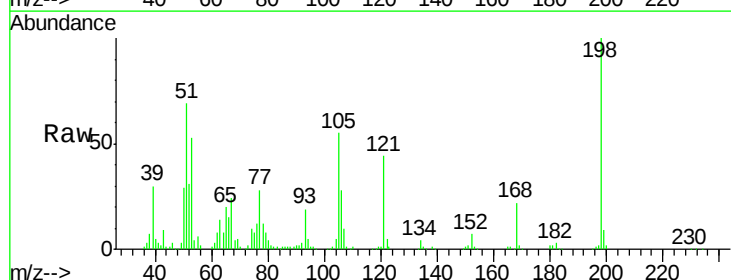
Tgt Ion:198 Resp: 163465

Ion Ratio Lower Upper

198 100

51 69.1 6.7 46.7#

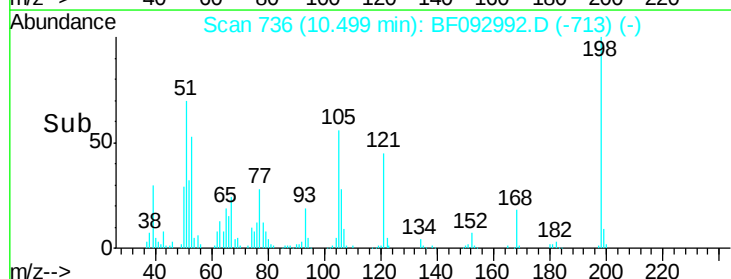
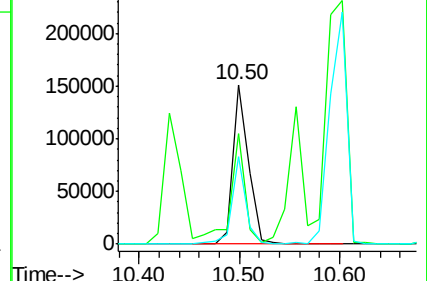
105 54.9 16.6 56.6

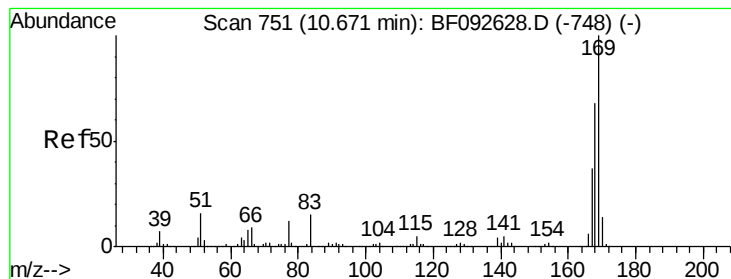


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 45.96 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.03 min

Lab File: BF092992.D

Acq: 16 Feb 2017 20:26

Instrument :

BNA_F

ClientSampleId :

280514-COMP-0-2FTMS

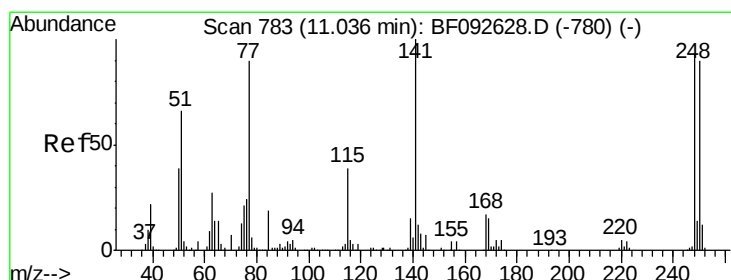
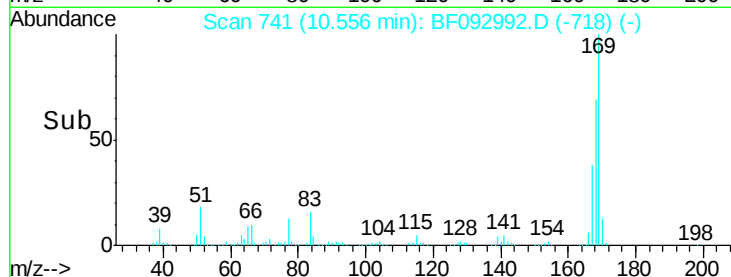
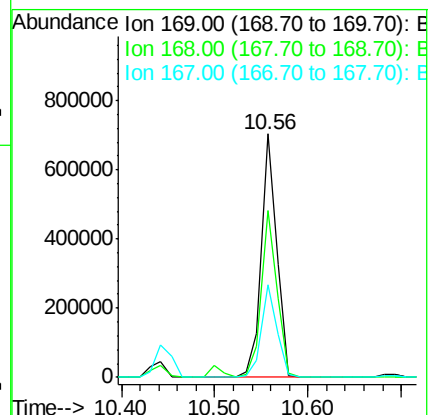
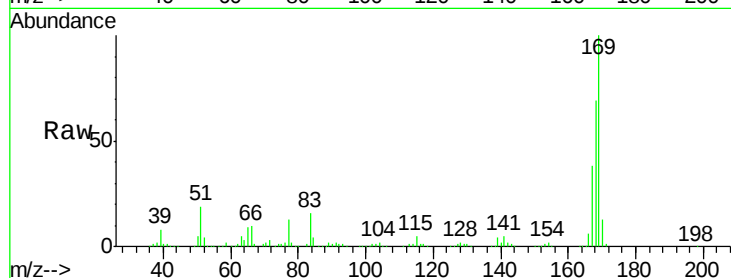
Tgt Ion:169 Resp: 813839

Ion Ratio Lower Upper

169 100

168 68.7 54.2 81.2

167 38.2 30.2 45.4



#66

4-Bromophenyl-phenylether

Concen: 43.82 ng

RT: 10.92 min Scan# 773

Delta R.T. -0.03 min

Lab File: BF092992.D

Acq: 16 Feb 2017 20:26

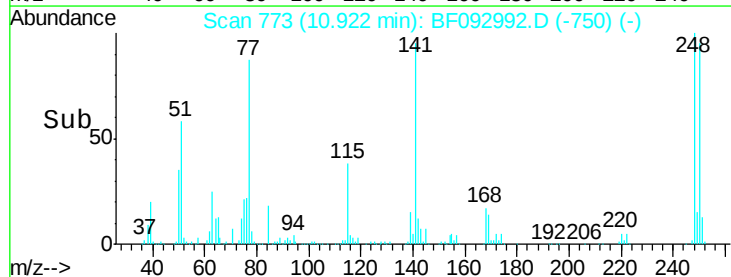
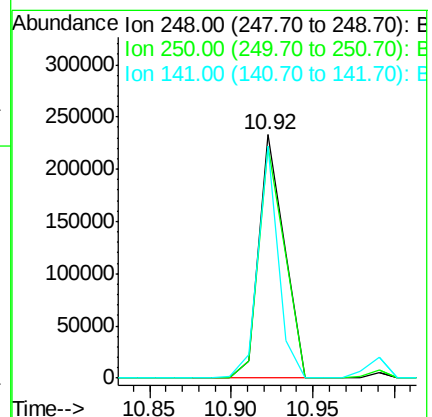
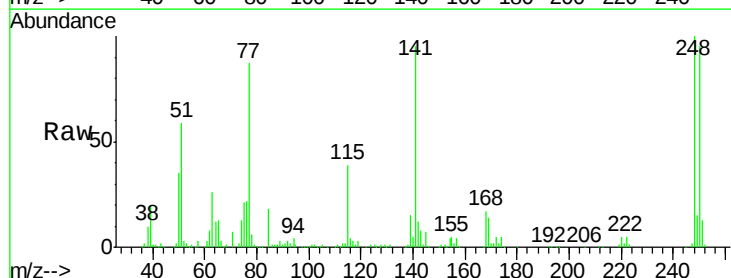
Tgt Ion:248 Resp: 253750

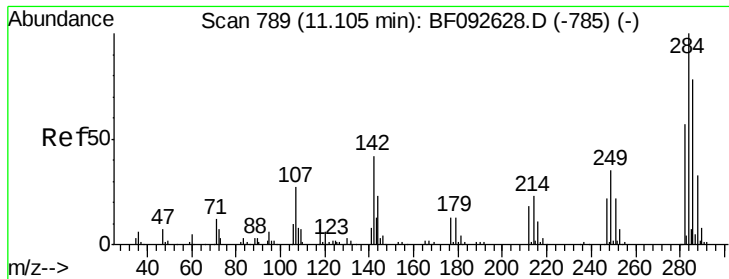
Ion Ratio Lower Upper

248 100

250 95.4 76.9 115.3

141 95.4 68.2 102.4

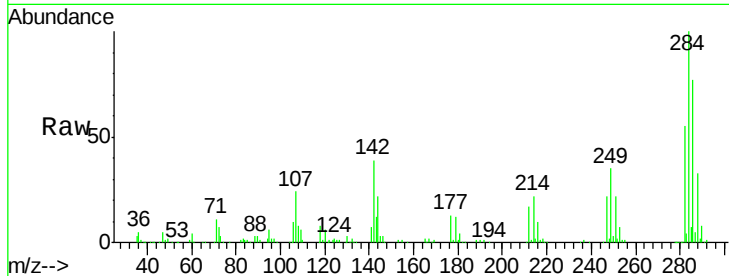




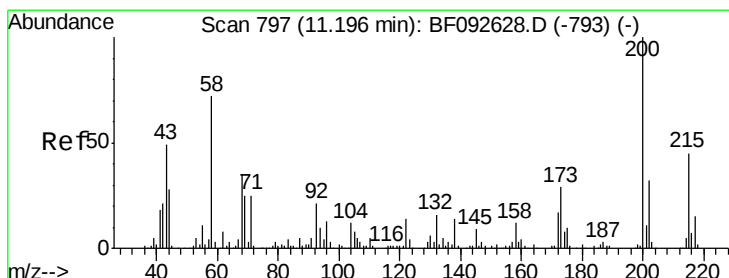
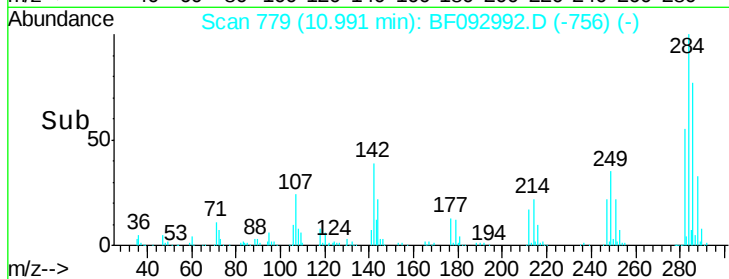
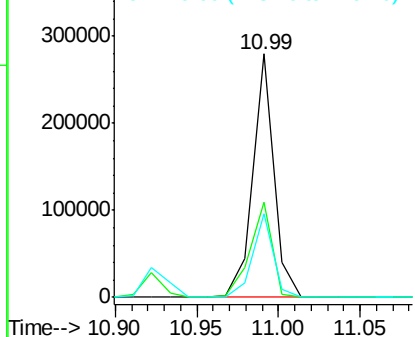
#67
Hexachlorobenzene
Concen: 44.01 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.03 min
Lab File: BF092992.D
Acq: 16 Feb 2017 20:26

Instrument :
BNA_F
ClientSampleId :
280514-COMP-0-2FTMS

Tgt Ion: 284 Resp: 251868
Ion Ratio Lower Upper
284 100
142 39.1 22.6 33.8#
249 34.6 25.4 38.0

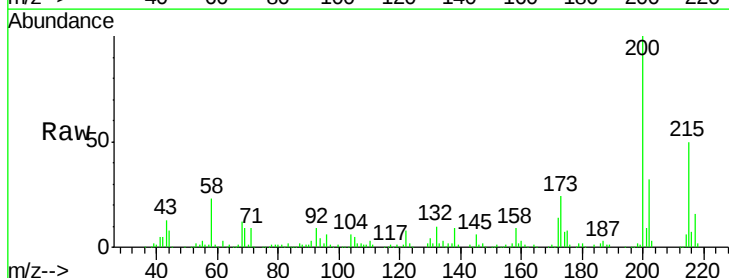


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

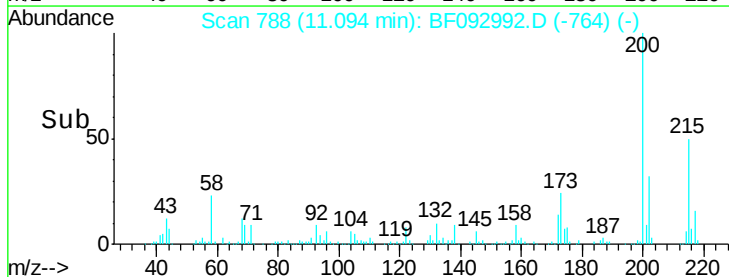
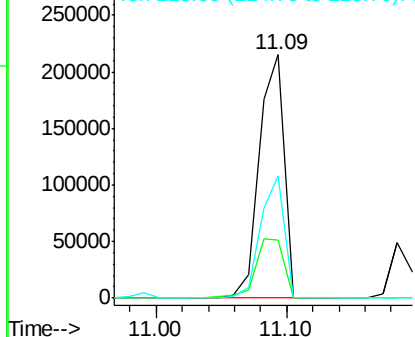


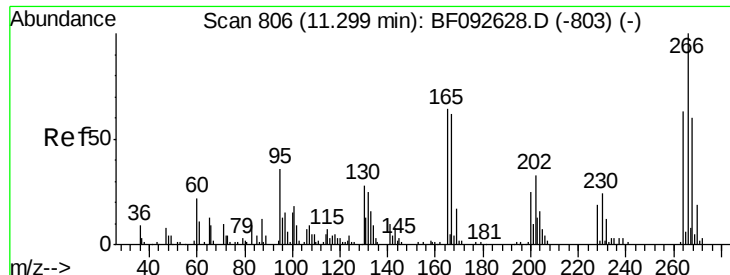
#68
Atrazine
Concen: 50.15 ng
RT: 11.09 min Scan# 788
Delta R.T. -0.02 min
Lab File: BF092992.D
Acq: 16 Feb 2017 20:26

Tgt Ion: 200 Resp: 284981
Ion Ratio Lower Upper
200 100
173 23.9 9.6 49.6
215 50.3 25.7 65.7



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

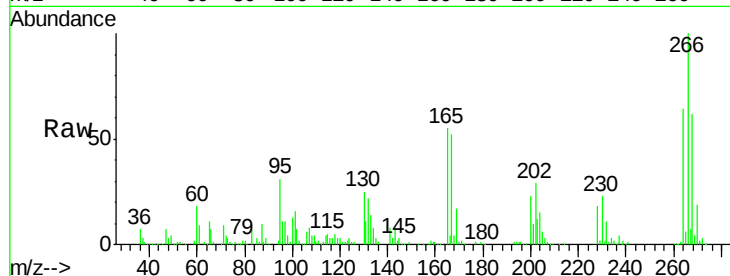




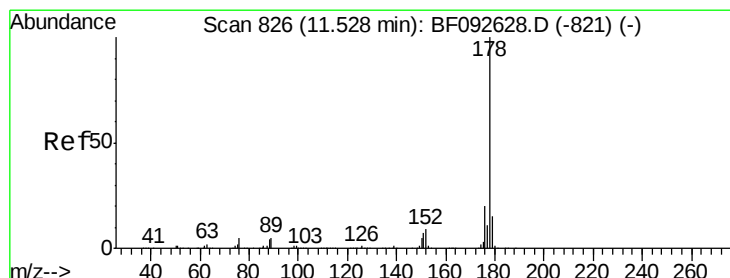
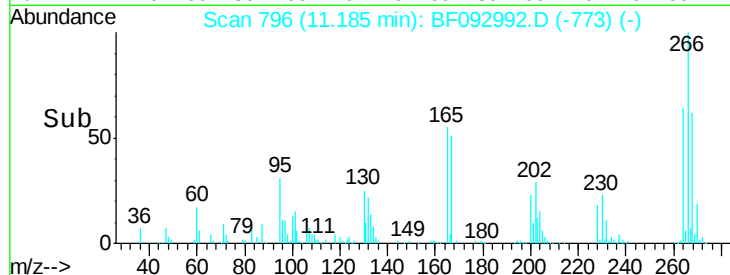
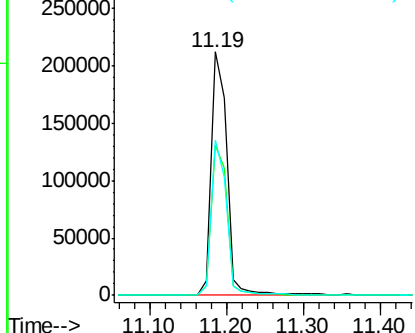
#69
 Pentachlorophenol
 Concen: 99.13 ng
 RT: 11.19 min Scan# 796
 Delta R.T. -0.03 min
 Lab File: BF092992.D
 Acq: 16 Feb 2017 20:26

Instrument :
 BNA_F
 ClientSampleId :
 280514-COMP-0-2FTMS

Tgt Ion: 266 Resp: 298423
 Ion Ratio Lower Upper
 266 100
 268 61.5 53.3 79.9
 264 63.7 50.3 75.5

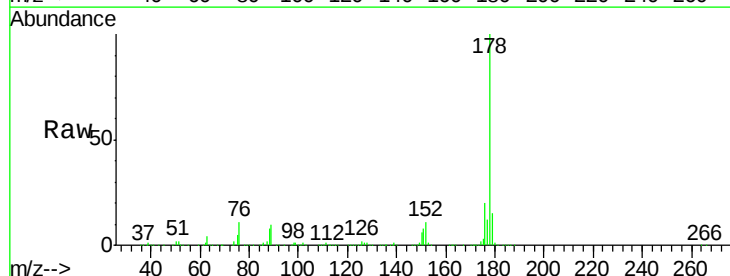


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

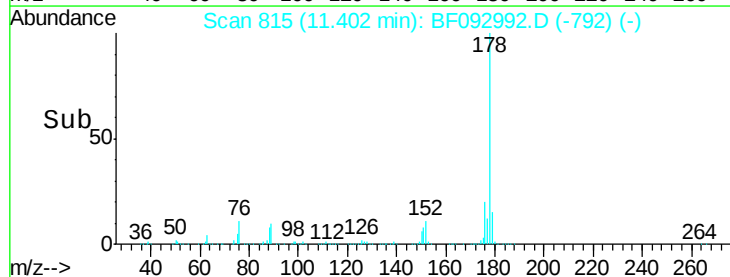
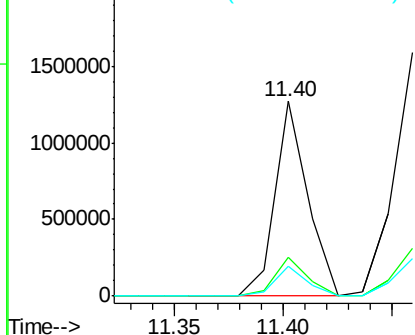


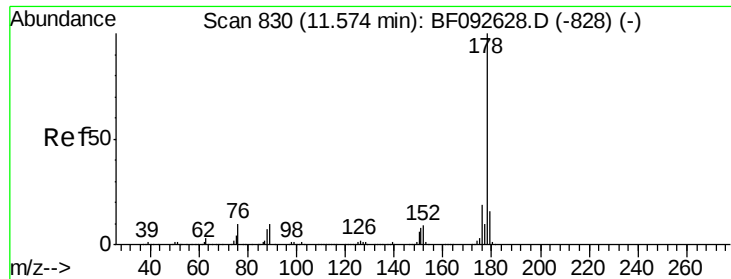
#70
 Phenanthrene
 Concen: 42.14 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.03 min
 Lab File: BF092992.D
 Acq: 16 Feb 2017 20:26

Tgt Ion: 178 Resp: 1338315
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.6 25.0
 179 15.5 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

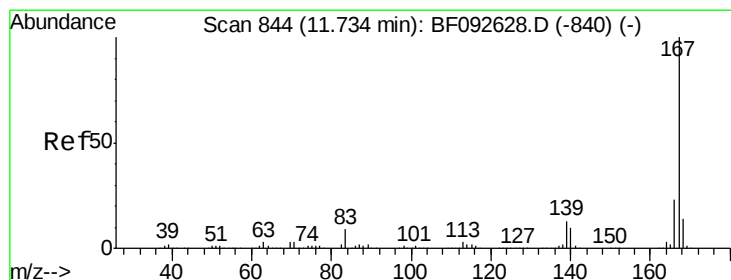
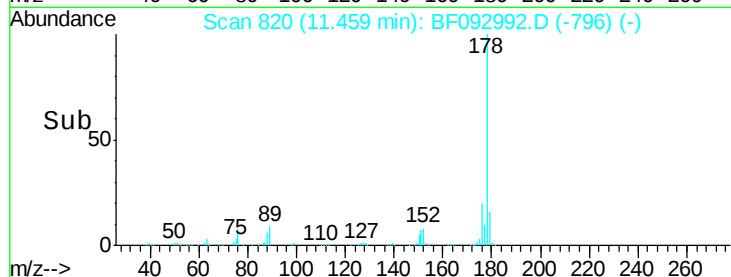
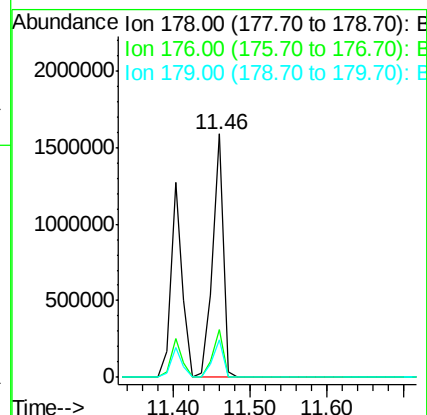
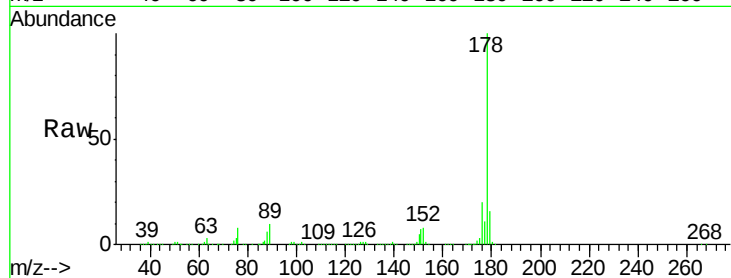




#71
 Anthracene
 Concen: 47.23 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.02 min
 Lab File: BF092992.D
 Acq: 16 Feb 2017 20:26

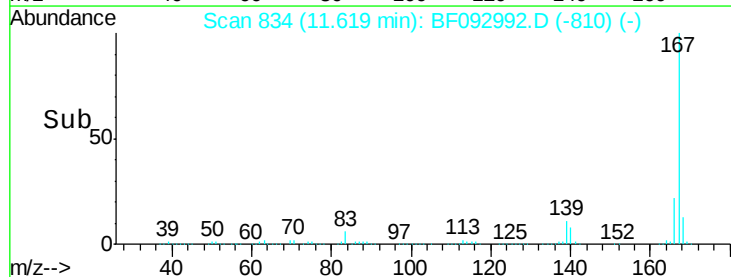
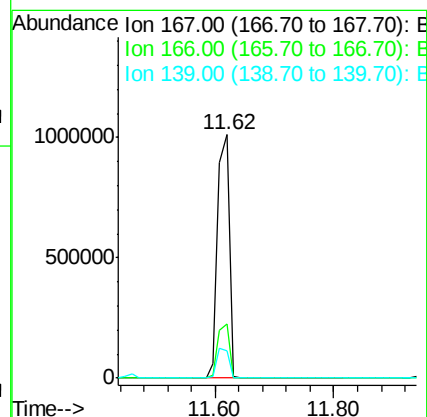
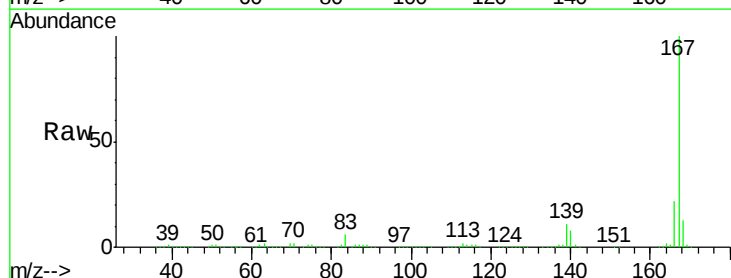
Instrument :
 BNA_F
 ClientSampleId :
 280514-COMP-0-2FTMS

Tgt Ion:178 Resp: 1506283
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.9 23.9
 179 15.6 13.2 19.8



#72
 Carbazole
 Concen: 44.86 ng
 RT: 11.62 min Scan# 834
 Delta R.T. -0.02 min
 Lab File: BF092992.D
 Acq: 16 Feb 2017 20:26

Tgt Ion:167 Resp: 1367384
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.2 27.2
 139 11.4 11.4 17.2#





#73

Di-n-butylphthalate

Concen: 46.24 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.03 min

Lab File: BF092992.D

Acq: 16 Feb 2017 20:26

Instrument :

BNA_F

ClientSampleId :

280514-COMP-0-2FTMS

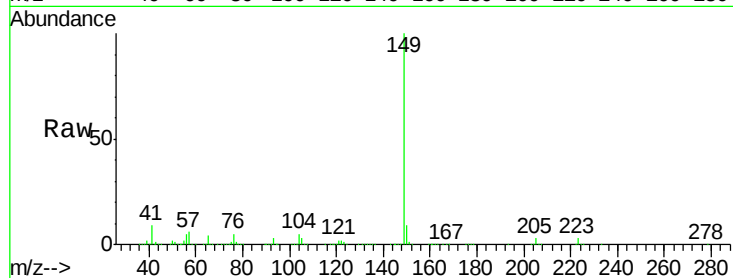
Tgt Ion:149 Resp: 1524494

Ion Ratio Lower Upper

149 100

150 9.4 8.1 12.1

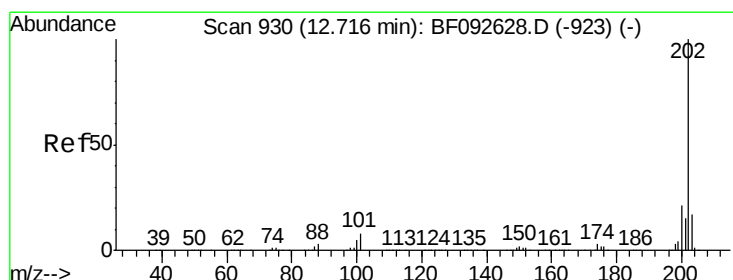
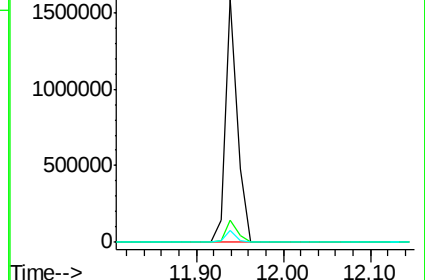
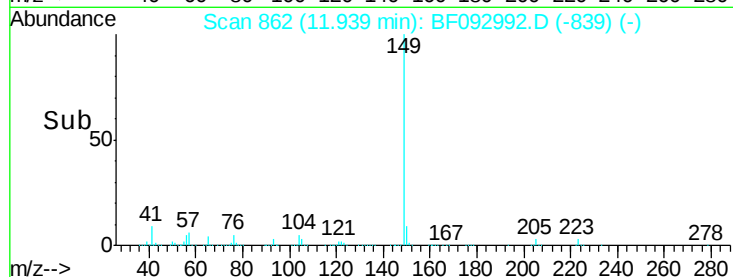
104 4.7 4.6 7.0



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: 41.42 ng

RT: 12.59 min Scan# 919

Delta R.T. -0.03 min

Lab File: BF092992.D

Acq: 16 Feb 2017 20:26

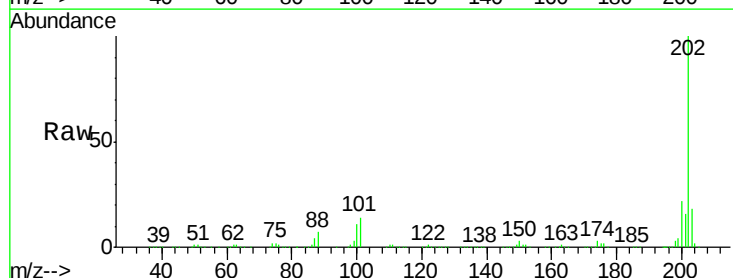
Tgt Ion:202 Resp: 1356631

Ion Ratio Lower Upper

202 100

101 14.3 0.0 34.6

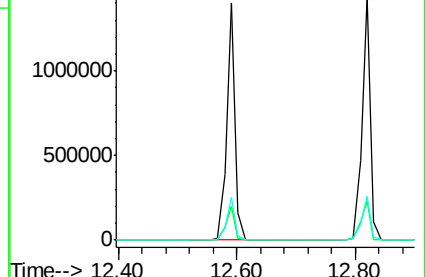
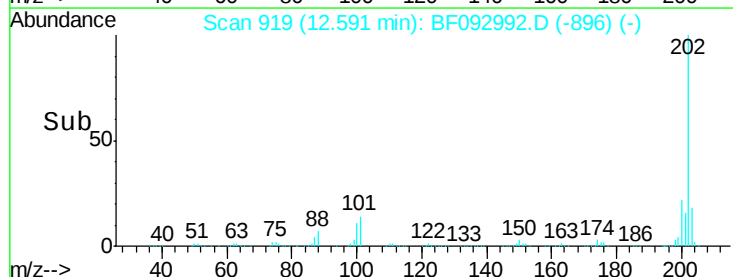
203 18.2 0.0 38.7

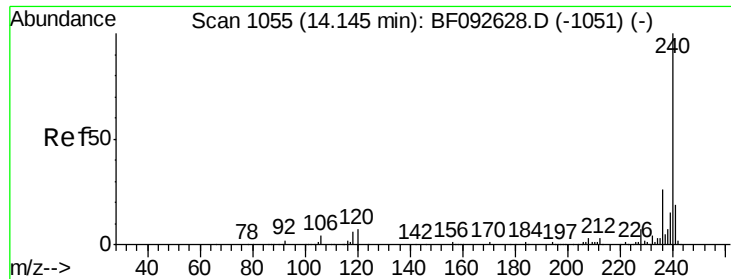


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

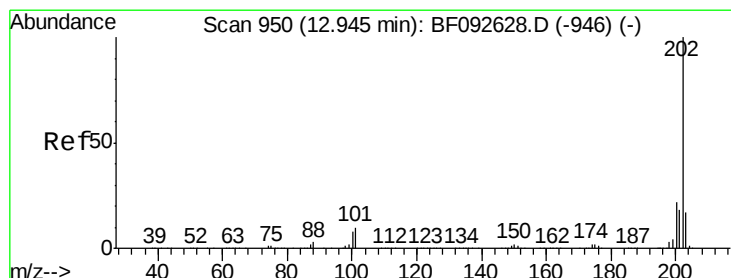
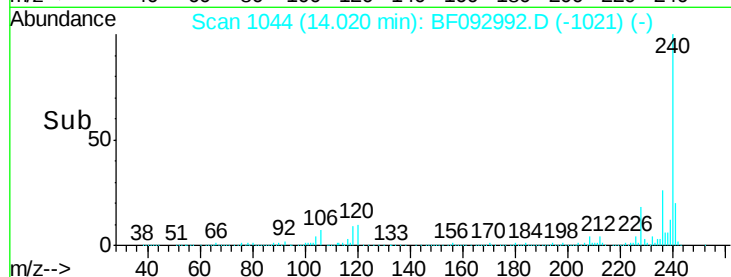
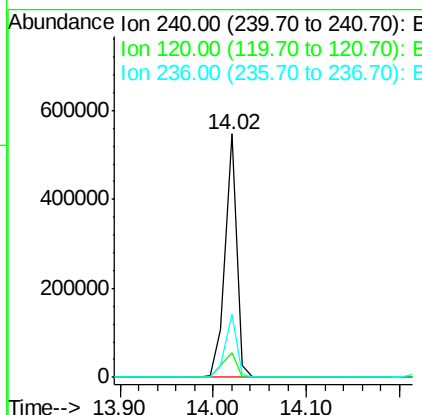
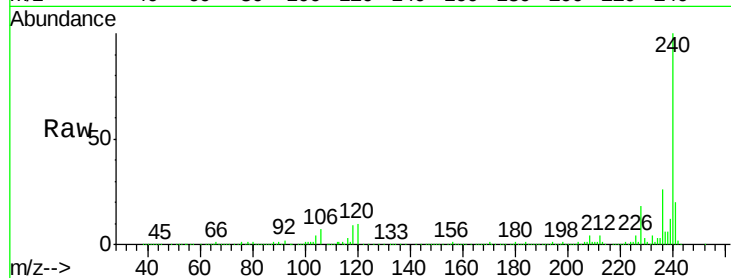




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.03 min
 Lab File: BF092992.D
 Acq: 16 Feb 2017 20:26

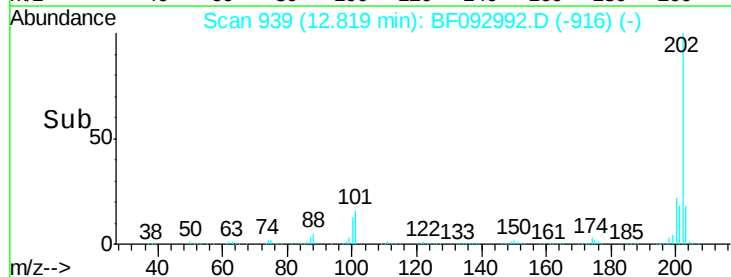
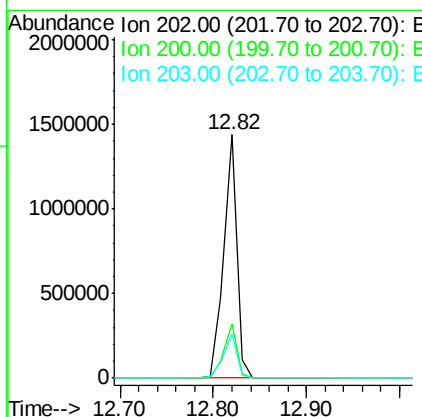
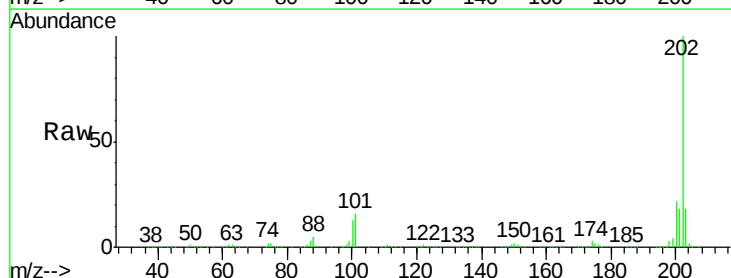
Instrument :
 BNA_F
 ClientSampleId :
 280514-COMP-0-2FTMS

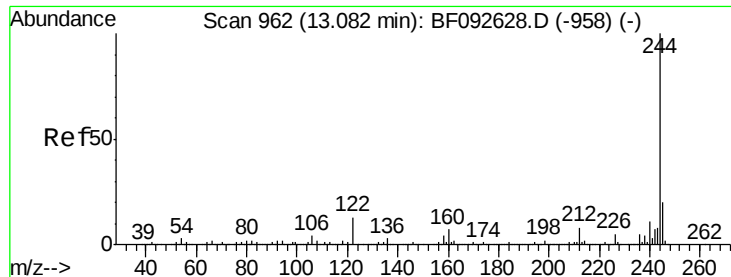
Tgt Ion:240 Resp: 473548
 Ion Ratio Lower Upper
 240 100
 120 10.4 12.9 19.3#
 236 26.0 20.9 31.3



#77
 Pyrene
 Concen: 39.54 ng
 RT: 12.82 min Scan# 939
 Delta R.T. -0.03 min
 Lab File: BF092992.D
 Acq: 16 Feb 2017 20:26

Tgt Ion:202 Resp: 1401373
 Ion Ratio Lower Upper
 202 100
 200 22.3 17.7 26.5
 203 17.8 14.7 22.1

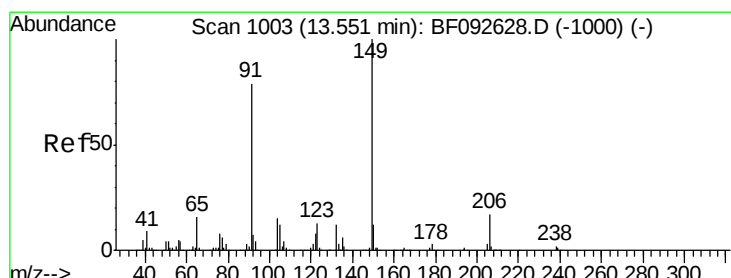
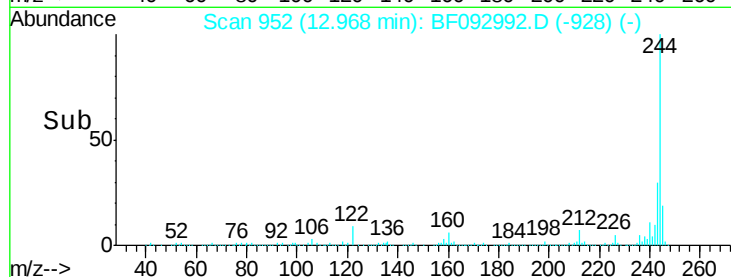
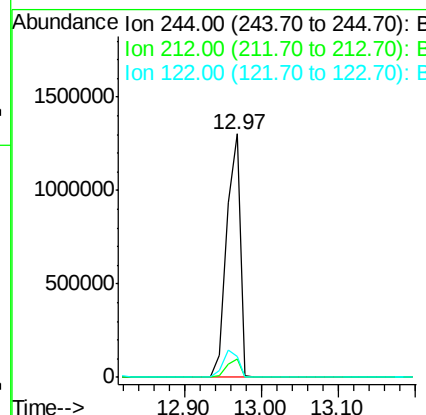
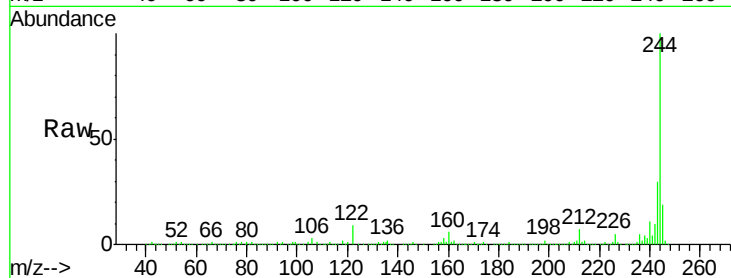




#78
 Terphenyl-d14
 Concen: 81.10 ng
 RT: 12.97 min Scan# 952
 Delta R.T. -0.02 min
 Lab File: BF092992.D
 Acq: 16 Feb 2017 20:26

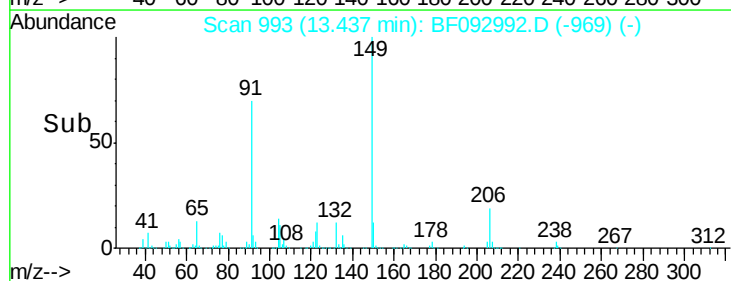
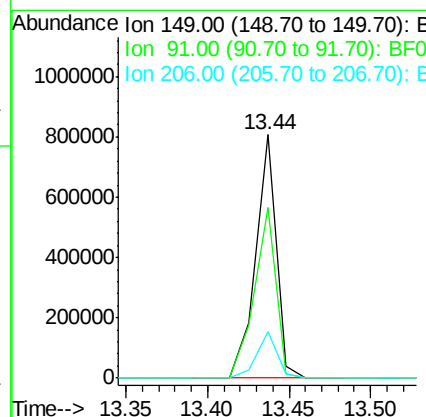
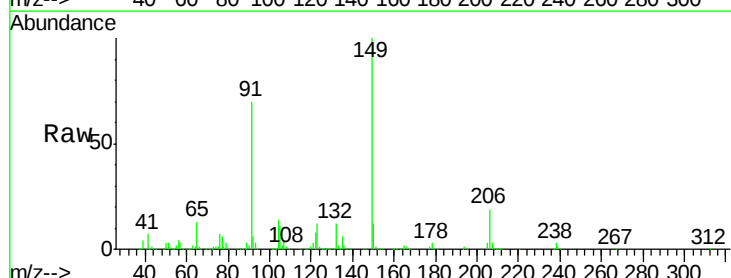
Instrument :
 BNA_F
 ClientSampleId :
 280514-COMP-0-2FTMS

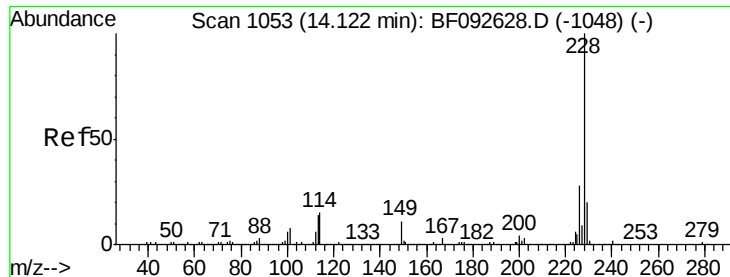
Tgt Ion:244 Resp: 1634408
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 8.7 11.4 17.2#



#79
 Butylbenzylphthalate
 Concen: 49.29 ng
 RT: 13.44 min Scan# 993
 Delta R.T. -0.02 min
 Lab File: BF092992.D
 Acq: 16 Feb 2017 20:26

Tgt Ion:149 Resp: 709405
 Ion Ratio Lower Upper
 149 100
 91 70.0 63.9 95.9
 206 19.3 14.6 21.8





#80

Benzo(a)anthracene

Concen: 39.14 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.03 min

Lab File: BF092992.D

Acq: 16 Feb 2017 20:26

Instrument :

BNA_F

ClientSampleId :

280514-COMP-0-2FTMS

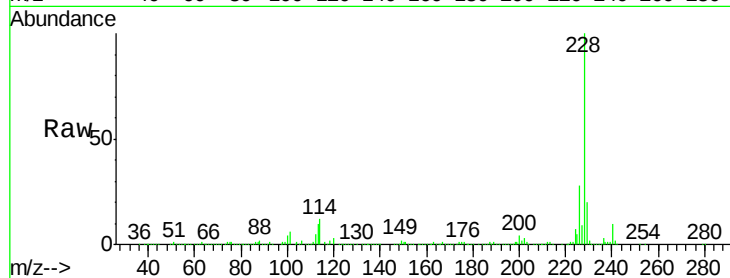
Tgt Ion:228 Resp: 1133493

Ion Ratio Lower Upper

228 100

226 28.3 22.4 33.6

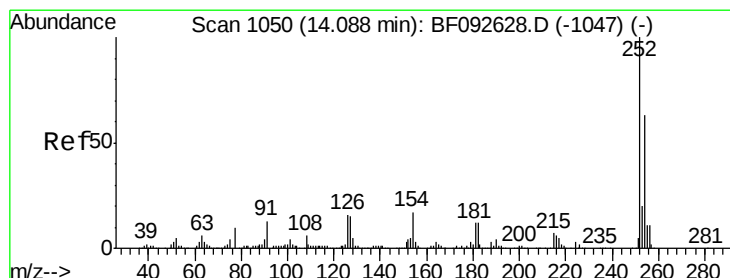
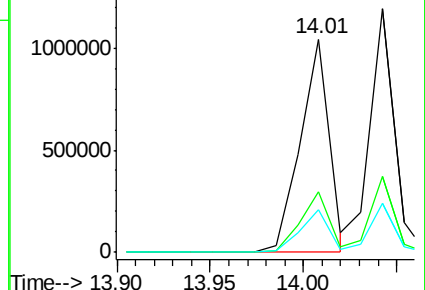
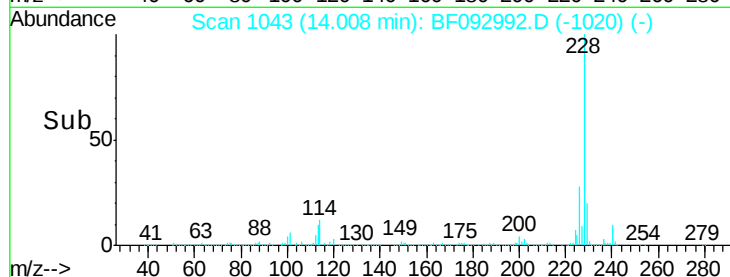
229 19.9 16.2 24.4



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: 22.17 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.02 min

Lab File: BF092992.D

Acq: 16 Feb 2017 20:26

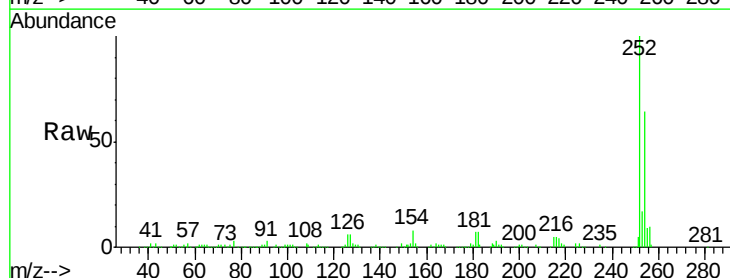
Tgt Ion:252 Resp: 228937

Ion Ratio Lower Upper

252 100

254 64.4 52.3 78.5

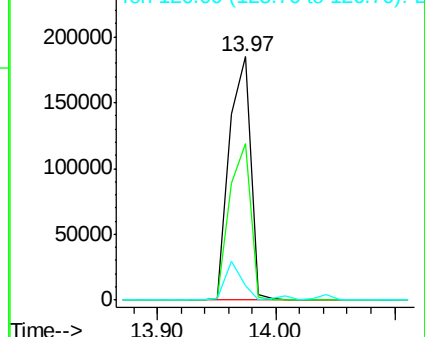
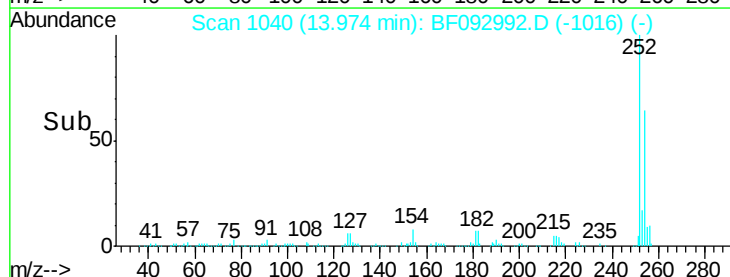
126 6.0 13.6 20.4#

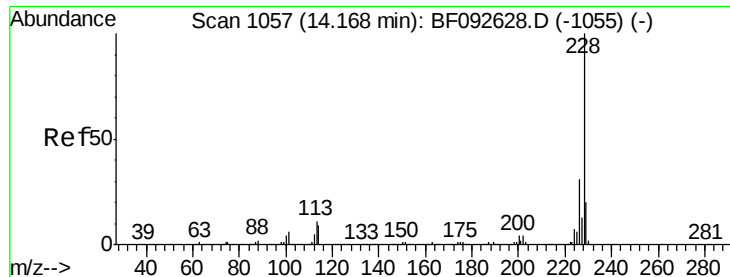


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 39.39 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.03 min

Lab File: BF092992.D

Acq: 16 Feb 2017 20:26

Instrument :

BNA_F

ClientSampleId :

280514-COMP-0-2FTMS

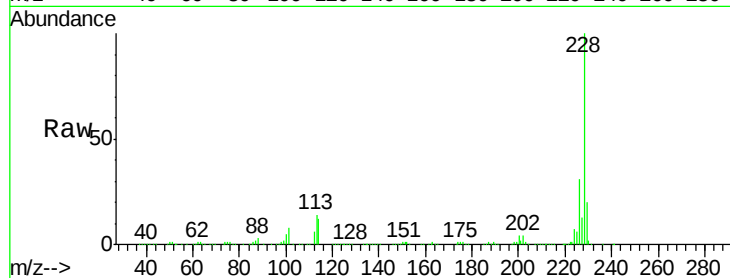
Tgt Ion:228 Resp: 1068095

Ion Ratio Lower Upper

228 100

226 31.4 25.4 38.0

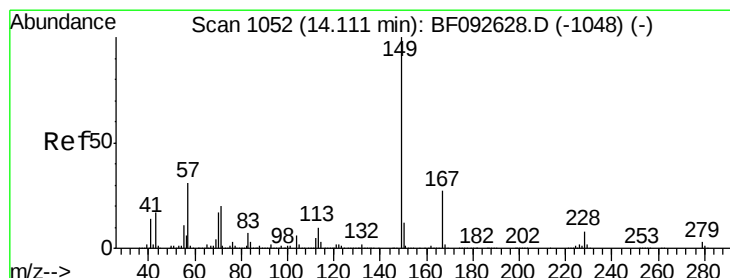
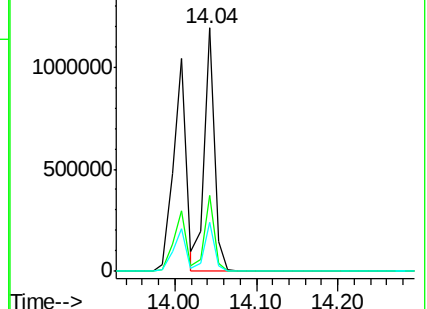
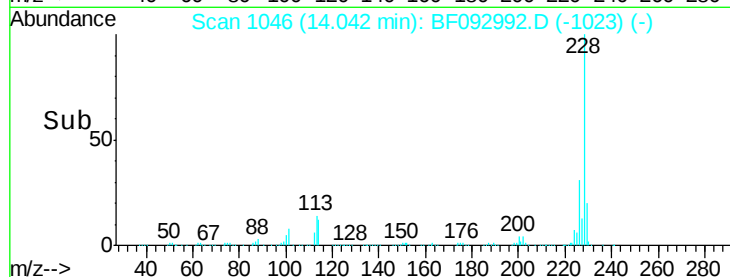
229 20.0 16.2 24.2



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: 46.57 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF092992.D

Acq: 16 Feb 2017 20:26

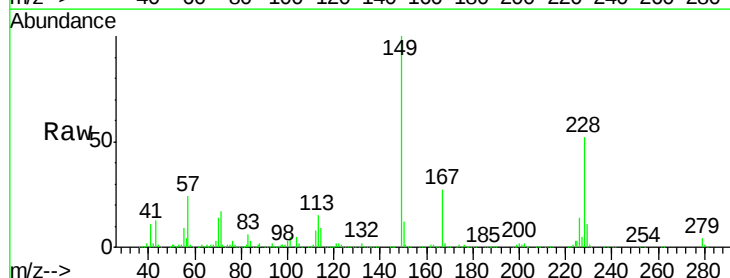
Tgt Ion:149 Resp: 916544

Ion Ratio Lower Upper

149 100

167 27.2 20.2 30.4

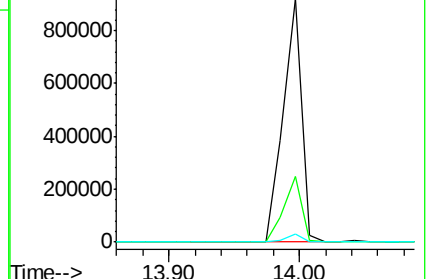
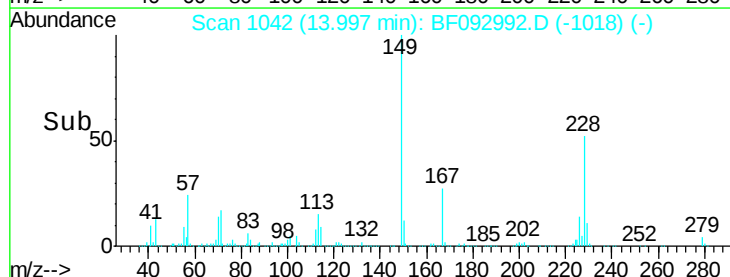
279 3.6 1.8 2.8#

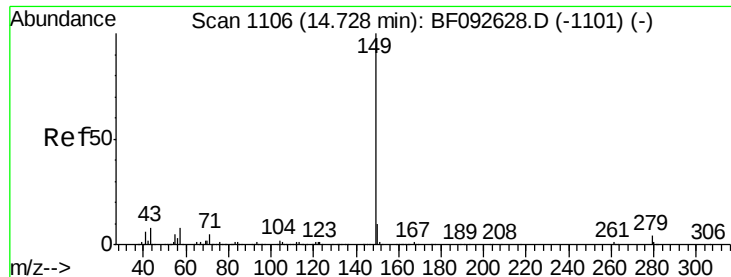


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 47.41 ng

RT: 14.60 min Scan# 1095

Delta R.T. -0.03 min

Lab File: BF092992.D

Acq: 16 Feb 2017 20:26

Instrument :

BNA_F

ClientSampleId :

280514-COMP-0-2FTMS

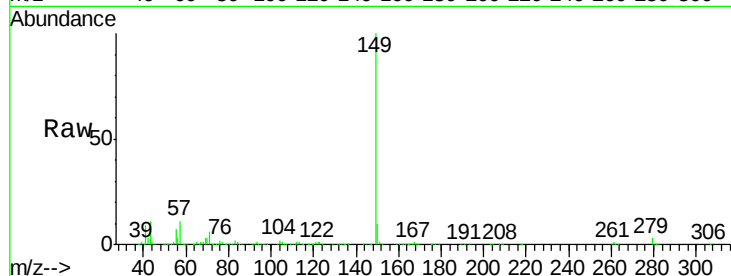
Tgt Ion:149 Resp: 1519315

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

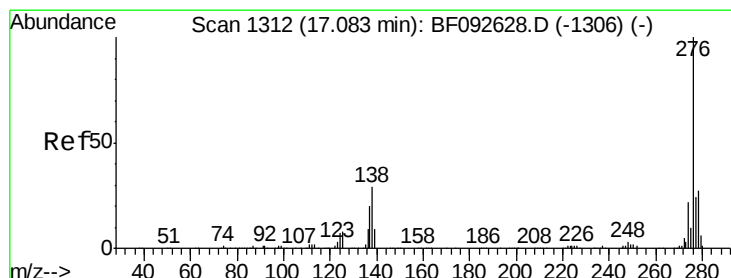
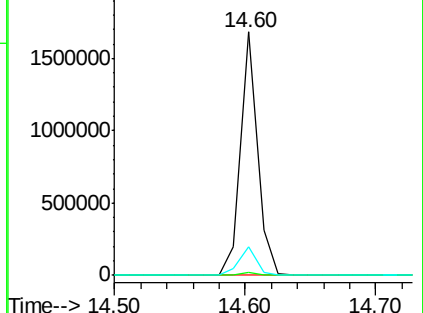
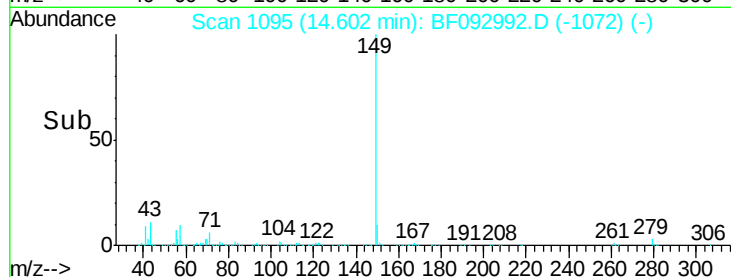
43 11.6 8.9 13.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 46.62 ng

RT: 16.85 min Scan# 1292

Delta R.T. -0.06 min

Lab File: BF092992.D

Acq: 16 Feb 2017 20:26

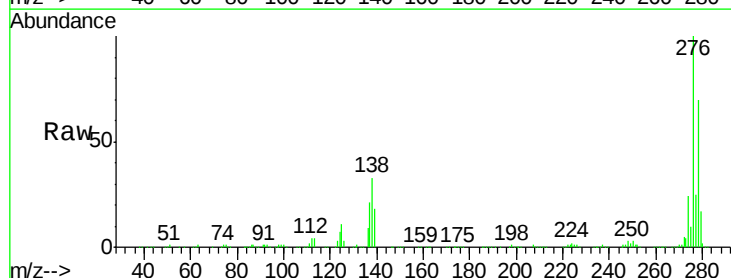
Tgt Ion:276 Resp: 979310

Ion Ratio Lower Upper

276 100

138 33.1 21.8 32.6#

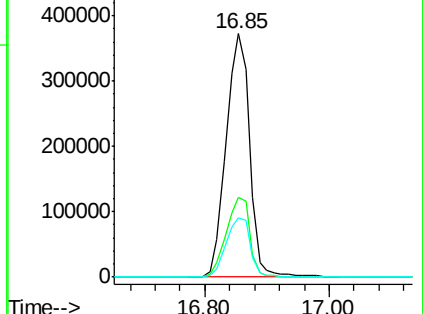
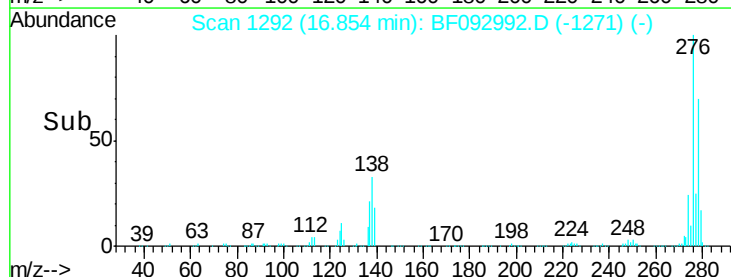
277 25.2 20.2 30.4

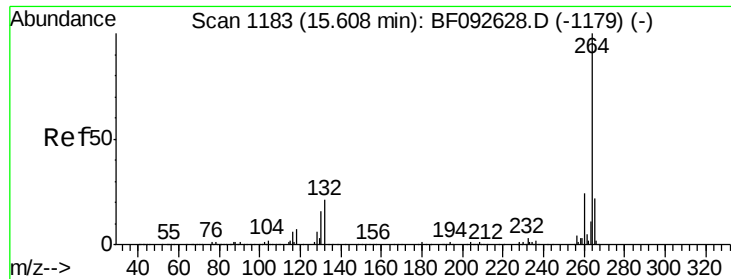


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



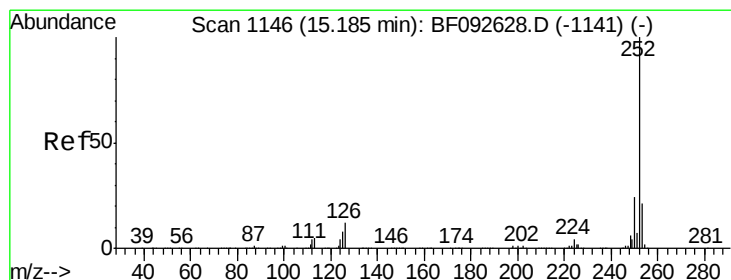
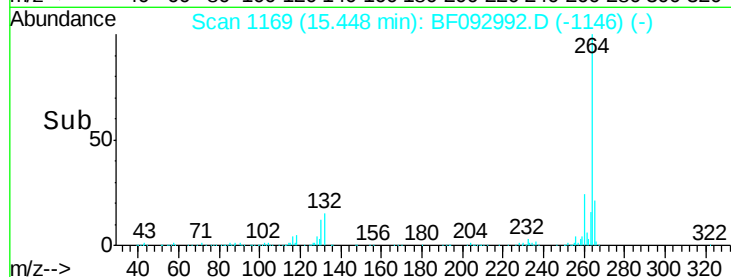
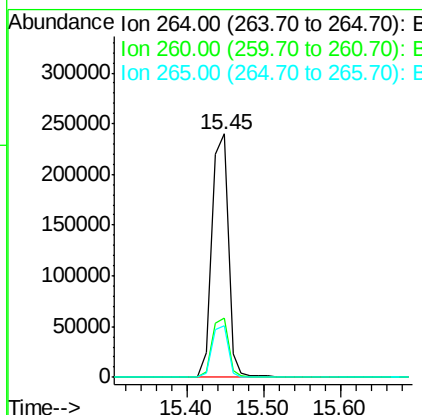
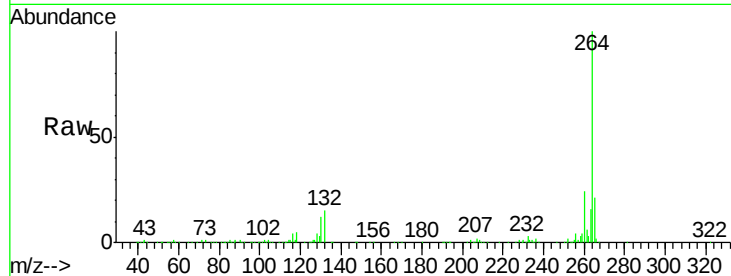


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1169
Delta R.T. -0.03 min
Lab File: BF092992.D
Acq: 16 Feb 2017 20:26

Instrument :
BNA_F
ClientSampleId :
280514-COMP-0-2FTMS

Tgt Ion: 264 Resp: 356039

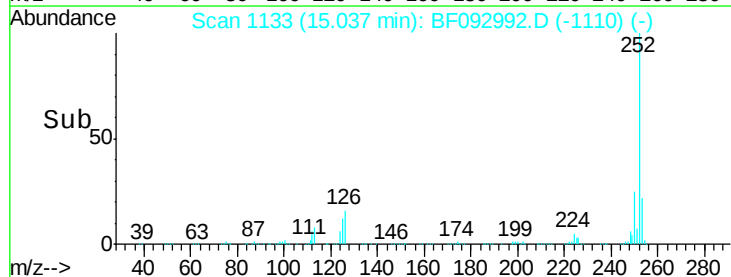
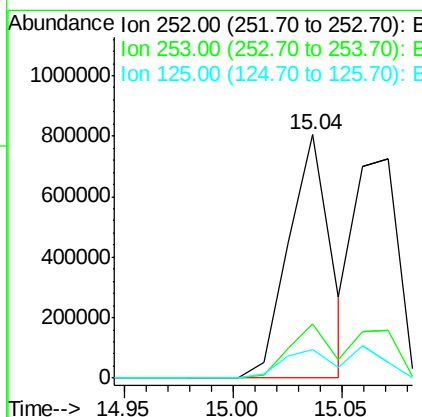
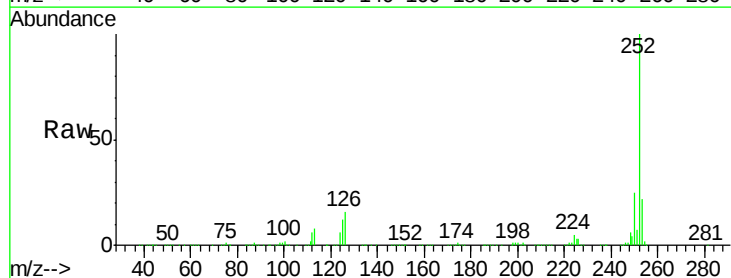
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.2	17.4	26.0

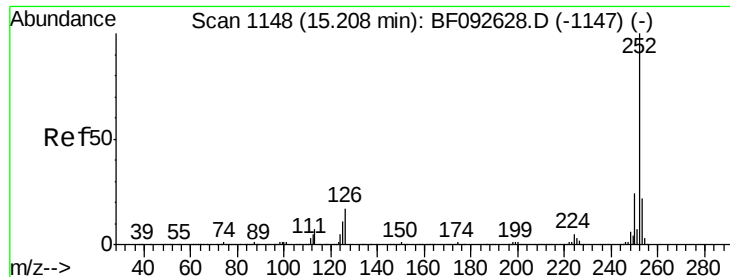


#87
Benzo(b)fluoranthene
Concen: 46.10 ng
RT: 15.04 min Scan# 1133
Delta R.T. -0.03 min
Lab File: BF092992.D
Acq: 16 Feb 2017 20:26

Tgt Ion: 252 Resp: 1080227

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	11.6	9.8	14.6





#88

Benzo(k)fluoranthene

Concen: 53.39 ng

RT: 15.04 min Scan# 1133

Delta R.T. -0.07 min

Lab File: BF092992.D

Acq: 16 Feb 2017 20:26

Instrument :

BNA_F

ClientSampleId :

280514-COMP-0-2FTMS

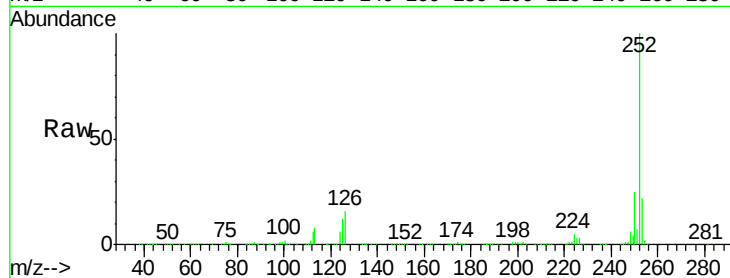
Tgt Ion:252 Resp: 1080227

Ion Ratio Lower Upper

252 100

253 22.3 18.5 27.7

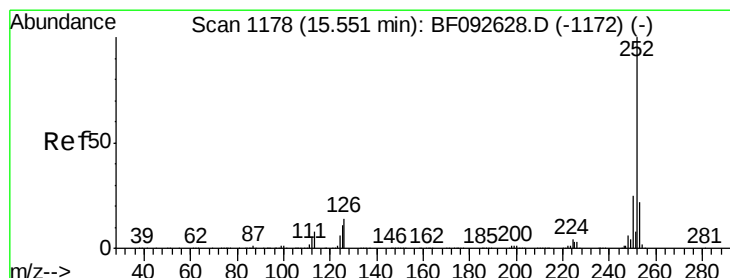
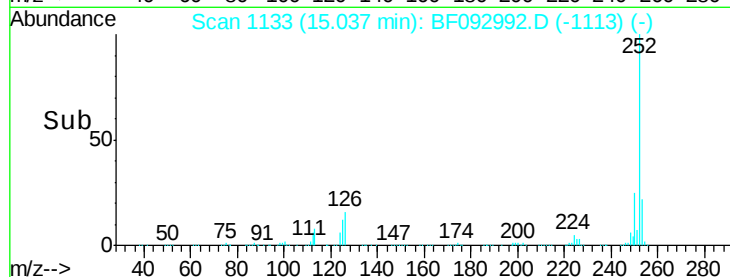
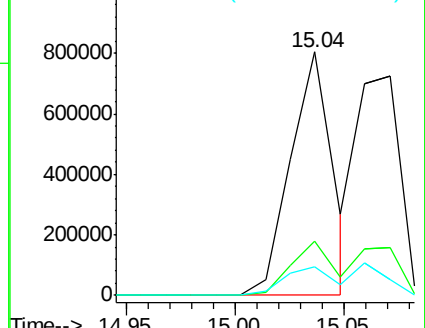
125 11.6 8.9 13.3



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: 48.45 ng

RT: 15.39 min Scan# 1164

Delta R.T. -0.03 min

Lab File: BF092992.D

Acq: 16 Feb 2017 20:26

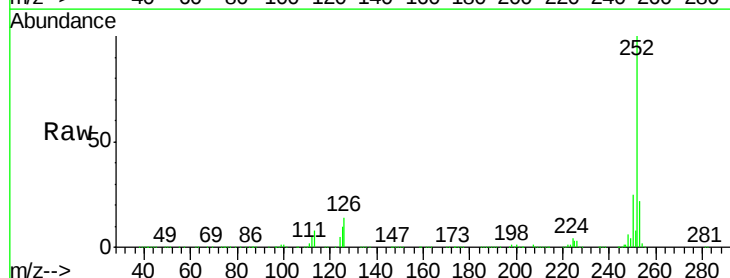
Tgt Ion:252 Resp: 982043

Ion Ratio Lower Upper

252 100

253 21.6 18.2 27.2

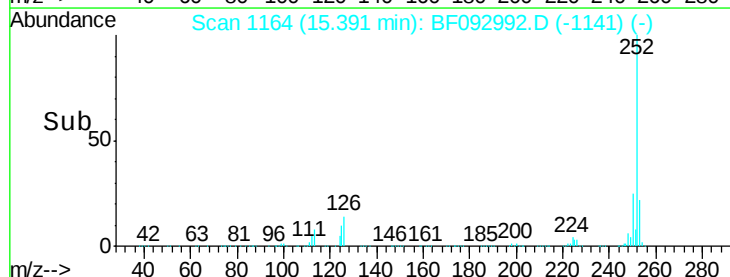
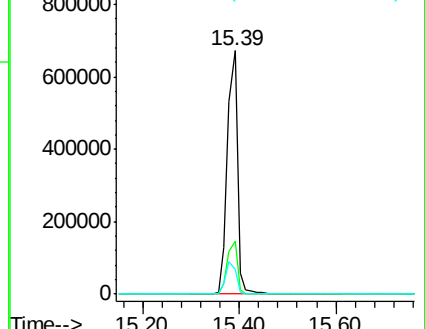
125 10.2 10.0 15.0

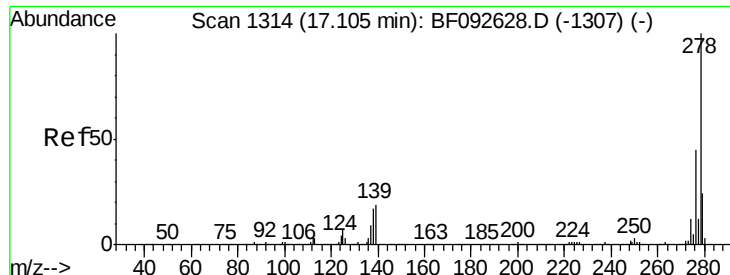


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 49.90 ng

RT: 16.87 min Scan# 1293

Delta R.T. -0.07 min

Lab File: BF092992.D

Acq: 16 Feb 2017 20:26

Instrument :

BNA_F

ClientSampleId :

280514-COMP-0-2FTMS

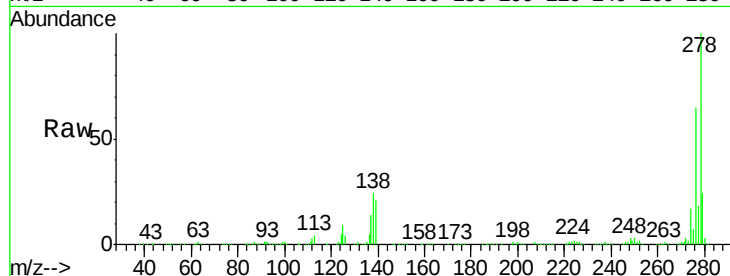
Tgt Ion: 278 Resp: 817458

Ion Ratio Lower Upper

278 100

139 21.1 14.8 22.2

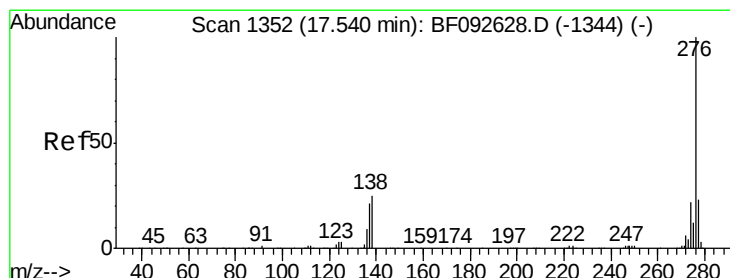
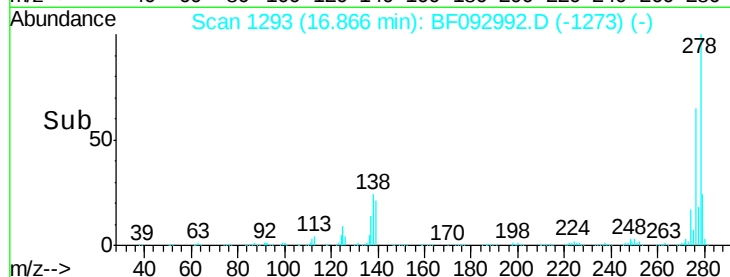
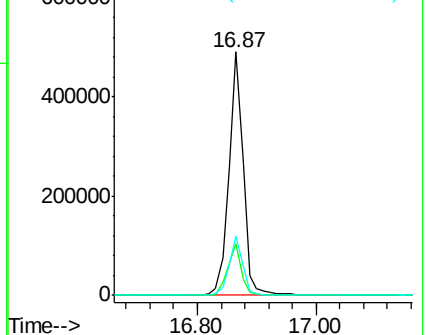
279 24.2 19.8 29.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 51.08 ng

RT: 17.28 min Scan# 1329

Delta R.T. -0.07 min

Lab File: BF092992.D

Acq: 16 Feb 2017 20:26

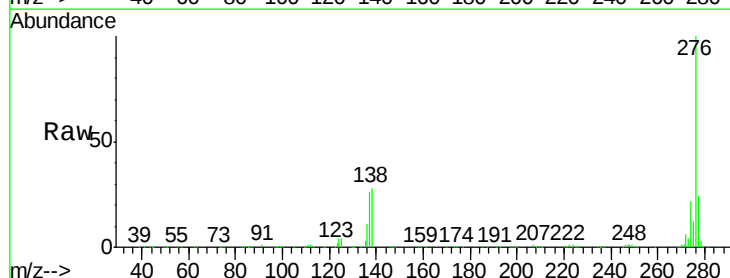
Tgt Ion: 276 Resp: 845486

Ion Ratio Lower Upper

276 100

277 23.5 19.2 28.8

138 28.3 16.0 24.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

