

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
 Data File : BF092899.D
 Acq On : 10 Feb 2017 22:39
 Operator : SJ/MA
 Sample : I1769-02MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 9717MSD

Quant Time: Feb 10 23:26:36 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	160268	20.00	ng	-0.07
21) Naphthalene-d8	8.19	136	673713	20.00	ng	-0.07
38) Acenaphthene-d10	9.94	164	357769	20.00	ng	-0.07
63) Phenanthrene-d10	11.42	188	576452	20.00	ng	-0.07
75) Chrysene-d12	14.07	240	476173	20.00	ng	-0.08
86) Perylene-d12	15.51	264	347903	20.00	ng	-0.10

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1148232	122.91	ng	-0.06
7) Phenol-d6	6.54	99	1365177	113.58	ng	-0.06
23) Nitrobenzene-d5	7.47	82	979186	80.94	ng	-0.07
41) 2,4,6-Tribromophenol	10.74	330	366616	141.68	ng	-0.07
44) 2-Fluorobiphenyl	9.26	172	1730347	87.62	ng	-0.07
78) Terphenyl-d14	13.01	244	1598922	78.90	ng	-0.07

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	158340	31.37	ng	# 74
3) Pyridine	3.38	79	389999	30.38	ng	# 85
4) n-Nitrosodimethylamine	3.31	42	230076	38.18	ng	# 87
6) Aniline	6.56	93	226298	13.80	ng	# 1
8) 2-Chlorophenol	6.68	128	431967	41.91	ng	# 92
9) Benzaldehyde	6.44	77	138310	16.06	ng	# 99
10) Phenol	6.56	94	590424	41.98	ng	# 76
11) bis(2-Chloroethyl)ether	6.64	93	437368	38.96	ng	# 94
12) 1,3-Dichlorobenzene	6.84	146	471887	39.09	ng	# 98
13) 1,4-Dichlorobenzene	6.91	146	461589	37.78	ng	# 98
14) 1,2-Dichlorobenzene	7.07	146	468954	40.14	ng	# 96
15) Benzyl Alcohol	7.05	79	393481	44.22	ng	# 97
16) 2,2'-oxybis(1-Chloropropan	7.18	45	804770	41.27	ng	# 95
17) 2-Methylphenol	7.16	107	379035	42.87	ng	# 95
18) Hexachloroethane	7.41	117	164843	39.53	ng	# 97
19) n-Nitroso-di-n-propylamine	7.32	70	339806	44.41	ng	# 99
20) 3+4-Methylphenols	7.32	107	462793	43.78	ng	# 93
22) Acetophenone	7.31	105	610595	39.70	ng	# 96
24) Nitrobenzene	7.49	77	492852	39.67	ng	# 78
25) Isophorone	7.73	82	957073	42.45	ng	# 98
26) 2-Nitrophenol	7.80	139	246780	41.79	ng	# 98
27) 2,4-Dimethylphenol	7.85	122	451693	43.55	ng	# 96
28) bis(2-Chloroethoxy)methane	7.94	93	622530	41.69	ng	# 99
29) 2,4-Dichlorophenol	8.05	162	426796	44.13	ng	# 98
30) 1,2,4-Trichlorobenzene	8.13	180	422117	40.50	ng	# 99
31) Naphthalene	8.21	128	1359287	39.80	ng	# 98
32) Benzoic acid	7.98	122	217127	38.60	ng	# 97
33) 4-Chloroaniline	8.26	127	139912	10.45	ng	# 99
34) Hexachlorobutadiene	8.33	225	229222	39.97	ng	# 98
35) Caprolactam	8.66	113	107858	35.45	ng	# 43
36) 4-Chloro-3-methylphenol	8.75	107	424773	42.12	ng	# 98
37) 2-Methylnaphthalene	8.90	142	881555	40.20	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	415189	41.34	ng	# 99
40) Hexachlorocyclopentadiene	9.05	237	293711	64.82	ng	# 96

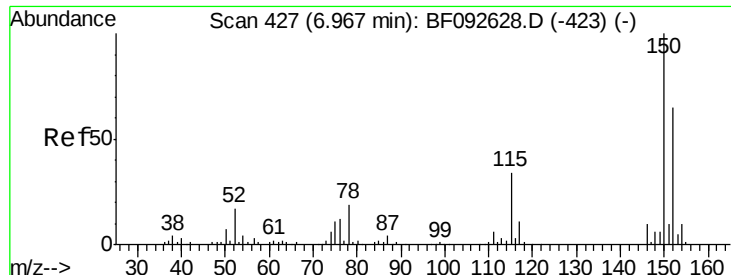
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	311230	47.16	ng	93
43) 2,4,5-Trichlorophenol	9.23	196	305551	42.26	ng	# 86
45) 1,1'-Biphenyl	9.37	154	1142033	44.08	ng	100
46) 2-Chloronaphthalene	9.39	162	912247	45.01	ng	98
47) 2-Nitroaniline	9.49	65	297519	43.66	ng	# 69
48) Acenaphthylene	9.80	152	1318341	37.66	ng	99
49) Dimethylphthalate	9.66	163	1070788	44.43	ng	98
50) 2,6-Dinitrotoluene	9.73	165	246773	47.42	ng	96
51) Acenaphthene	9.97	154	856645	40.93	ng	97
52) 3-Nitroaniline	9.89	138	89211	14.98	ng	93
53) 2,4-Dinitrophenol	10.01	184	172206	65.93	ng	# 67
54) Dibenzofuran	10.14	168	1179546	42.13	ng	98
55) 4-Nitrophenol	10.08	139	300466	70.05	ng	91
56) 2,4-Dinitrotoluene	10.13	165	274935	39.68	ng	96
57) Fluorene	10.49	166	876797	40.71	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.27	232	244938	50.78	ng	96
59) Diethylphthalate	10.36	149	992144	43.69	ng	99
60) 4-Chlorophenyl-phenylether	10.48	204	408722	39.50	ng	97
61) 4-Nitroaniline	10.52	138	238489	39.10	ng	82
62) Azobenzene	10.64	77	1071013	45.65	ng	97
64) 4,6-Dinitro-2-methylphenol	10.54	198	143774	41.37	ng	# 73
65) n-Nitrosodiphenylamine	10.60	169	791871	43.00	ng	100
66) 4-Bromophenyl-phenylether	10.97	248	247473	41.09	ng	94
67) Hexachlorobenzene	11.04	284	250711	42.13	ng	# 90
68) Atrazine	11.14	200	264542	44.77	ng	90
69) Pentachlorophenol	11.24	266	276631	89.14	ng	99
70) Phenanthrene	11.45	178	1313649	39.78	ng	99
71) Anthracene	11.50	178	1378406	41.56	ng	99
72) Carbazole	11.66	167	1330762	41.98	ng	98
73) Di-n-butylphthalate	11.98	149	1478657	43.13	ng	98
74) Fluoranthene	12.64	202	1276722	37.48	ng	98
76) Benzidine	12.76	184	308002	15.18	ng	96
77) Pyrene	12.87	202	1271327	35.68	ng	99
79) Butylbenzylphthalate	13.48	149	623956	43.12	ng	93
80) Benzo(a)anthracene	14.05	228	1113642	38.24	ng	100
81) 3,3'-Dichlorobenzidine	14.02	252	245727	23.67	ng	# 95
82) Chrysene	14.09	228	919835	33.73	ng	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	910726	46.02	ng	# 96
84) Di-n-octyl phthalate	14.65	149	1431818	44.43	ng	100
85) Indeno(1,2,3-cd)pyrene	16.95	276	885395	41.92	ng	95
87) Benzo(b)fluoranthene	15.09	252	996966	43.54	ng	97
88) Benzo(k)fluoranthene	15.09	252	996966	50.42	ng	98
89) Benzo(a)pyrene	15.45	252	869663	43.91	ng	97
90) Dibenzo(a,h)anthracene	16.96	278	740545	46.26	ng	95
91) Benzo(g,h,i)perylene	17.38	276	743880	46.00	ng	# 92

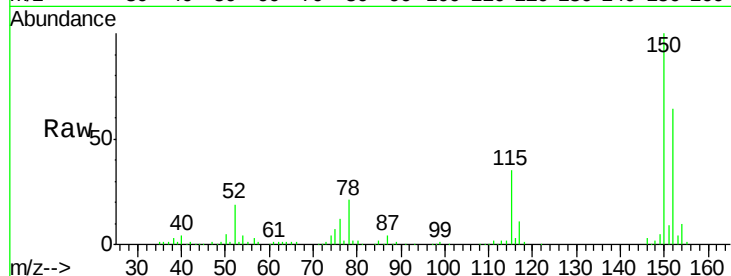
(#) = qualifier out of range (m) = manual integration (+) = signals summed



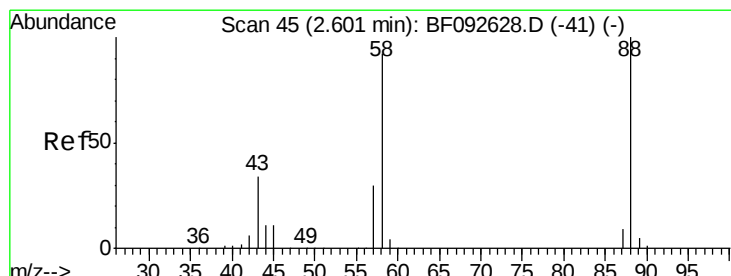
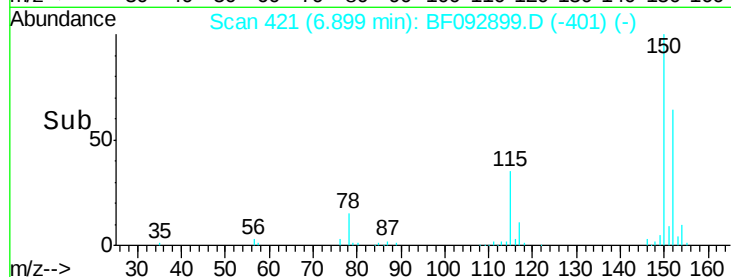
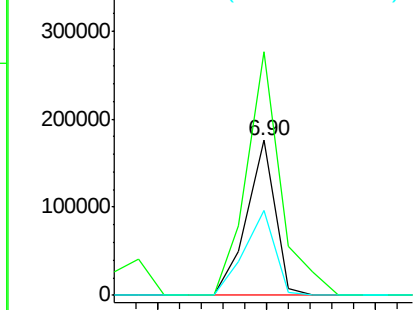
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.90 min Scan# 421
 Delta R.T. -0.07 min
 Lab File: BF092899.D
 Acq: 10 Feb 2017 22:39

Instrument :
 BNA_F
 ClientSampleId :
 9717MSD

Tgt Ion:152 Resp: 160268
 Ion Ratio Lower Upper
 152 100
 150 157.2 124.9 187.3
 115 55.2 46.0 69.0

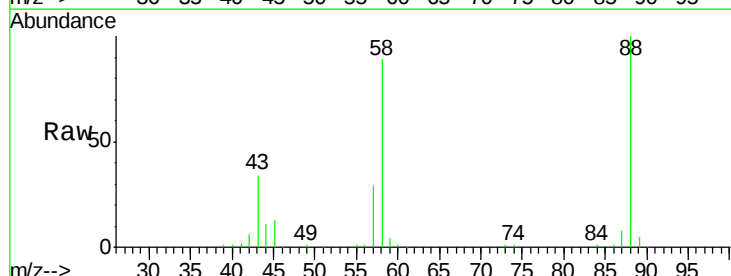


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

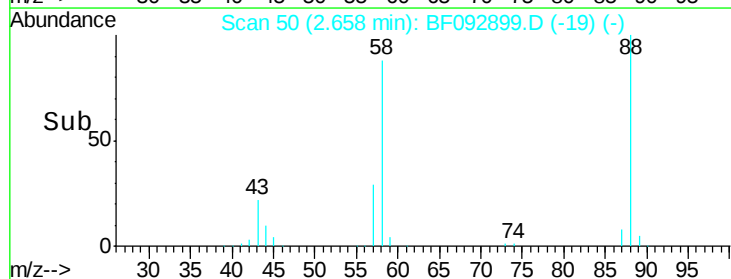
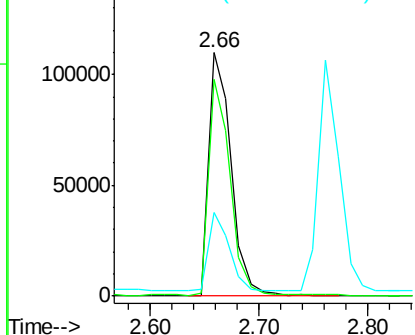


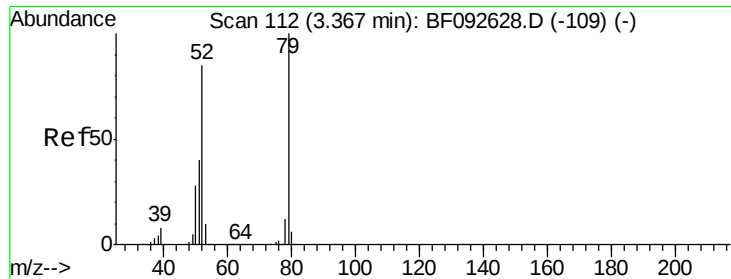
#2
 1,4-Dioxane
 Concen: 31.37 ng
 RT: 2.66 min Scan# 50
 Delta R.T. 0.06 min
 Lab File: BF092899.D
 Acq: 10 Feb 2017 22:39

Tgt Ion: 88 Resp: 158340
 Ion Ratio Lower Upper
 88 100
 58 84.8 57.8 86.8
 43 0.0 22.3 33.5#



Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 30.38 ng

RT: 3.38 min Scan# 113

Delta R.T. 0.01 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

Instrument :

BNA_F

ClientSampleId :

9717MSD

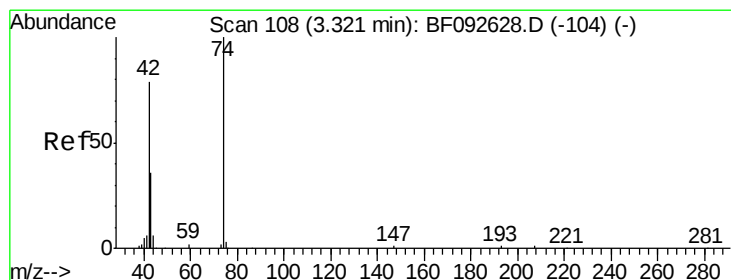
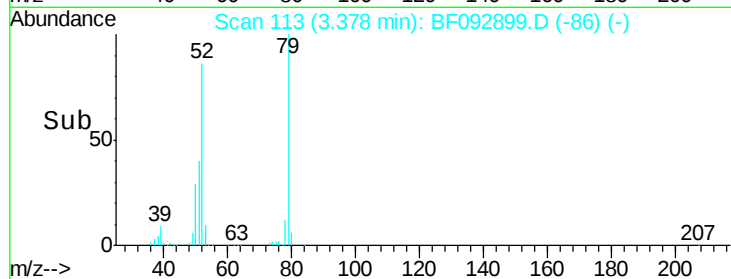
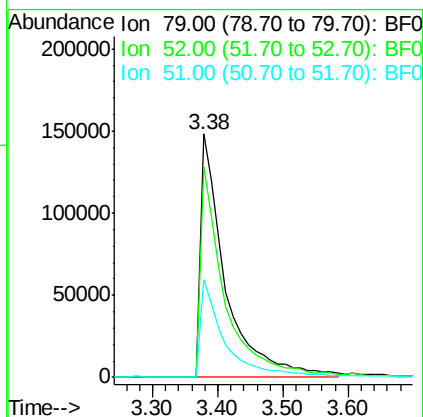
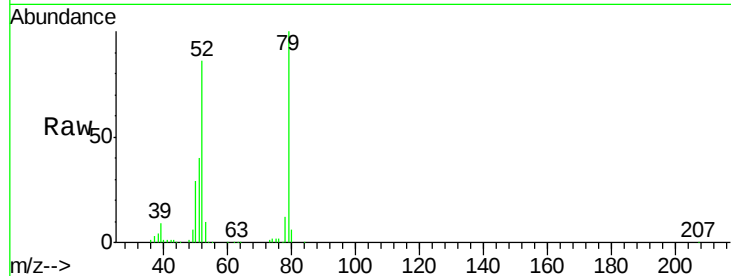
Tgt Ion: 79 Resp: 389999

Ion Ratio Lower Upper

79 100

52 86.2 57.1 85.7#

51 40.1 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 38.18 ng

RT: 3.31 min Scan# 107

Delta R.T. -0.01 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

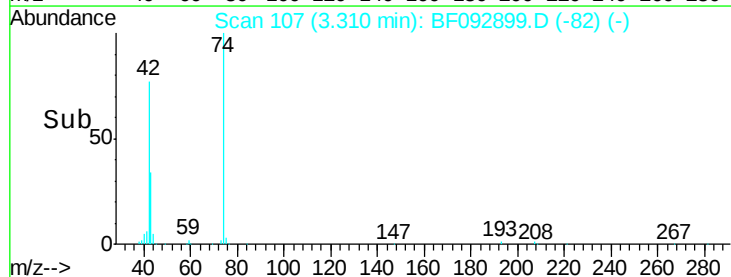
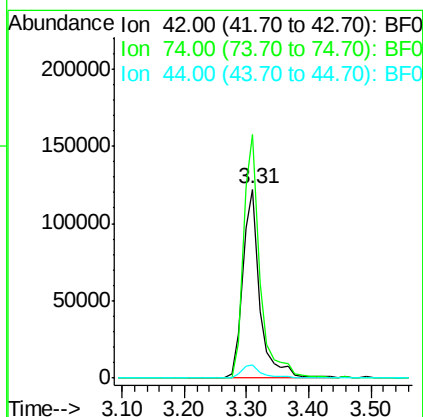
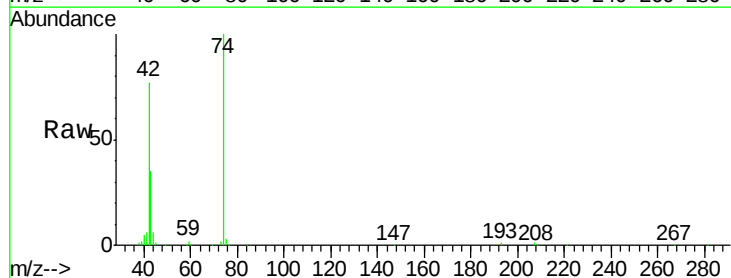
Tgt Ion: 42 Resp: 230076

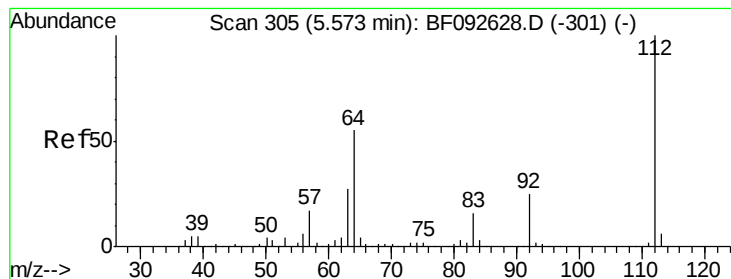
Ion Ratio Lower Upper

42 100

74 129.1 117.0 175.4

44 7.3 5.5 8.3





#5

2-Fluorophenol

Concen: 122.91 ng

RT: 5.52 min Scan# 300

Delta R.T. -0.06 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

Instrument :

BNA_F

ClientSampled :

9717MSD

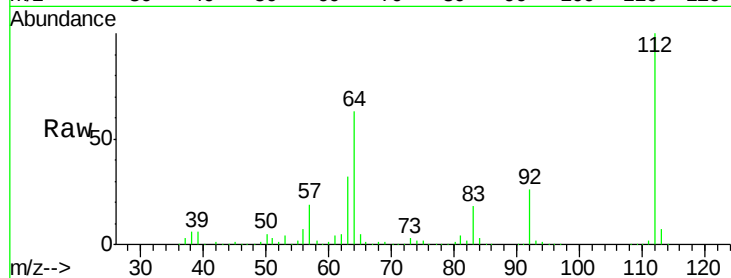
Tgt Ion: 112 Resp: 1148232

Ion Ratio Lower Upper

112 100

64 62.8 46.1 69.1

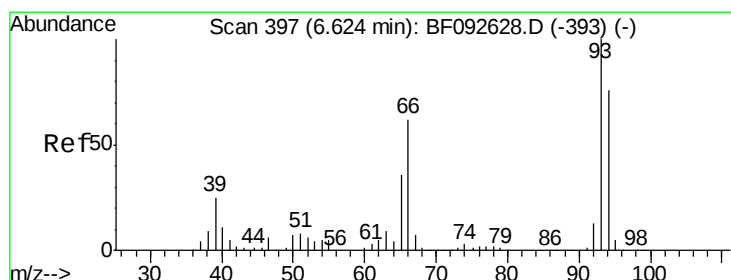
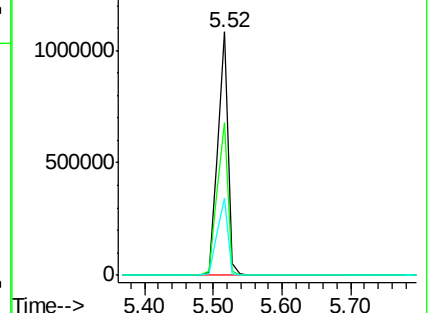
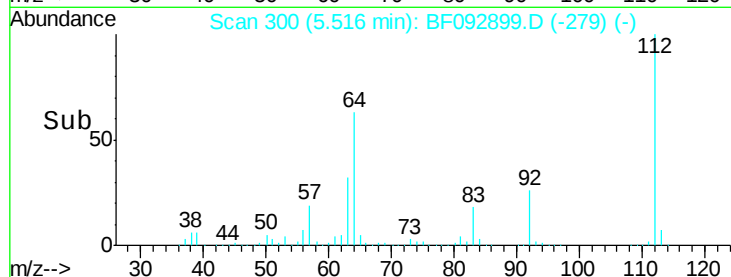
63 31.6 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 13.80 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.07 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

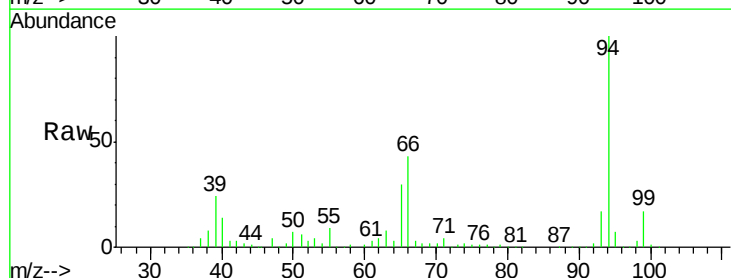
Tgt Ion: 93 Resp: 226298

Ion Ratio Lower Upper

93 100

66 256.6 76.2 114.2#

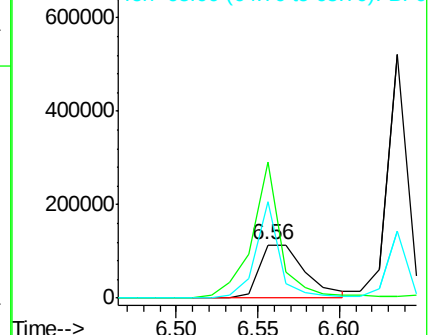
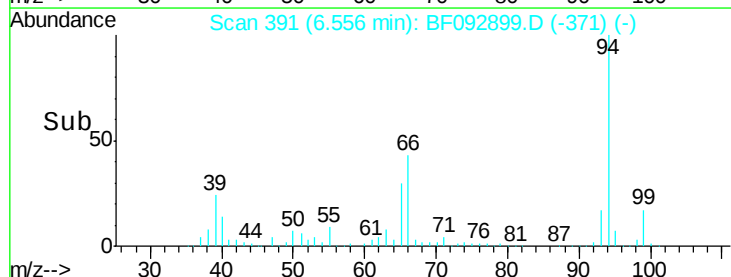
65 181.7 49.3 73.9#

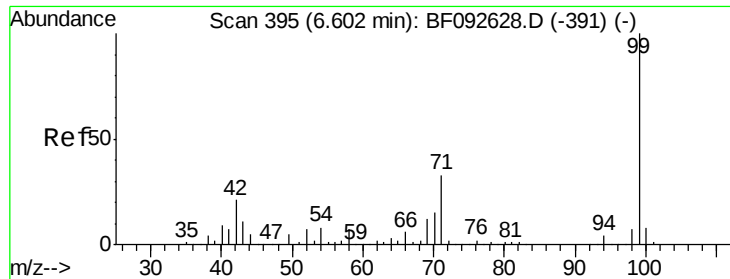


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 113.58 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.06 min

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Acq: 10 Feb 2017 22:39

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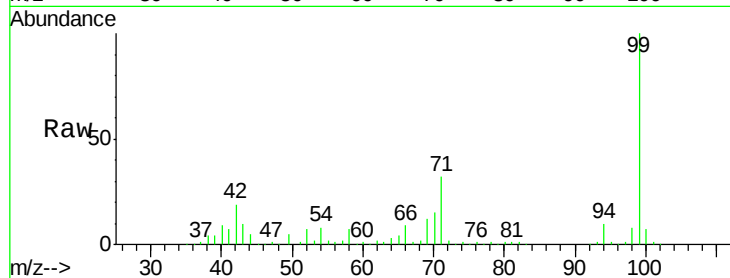
Tgt Ion: 99 Resp: 1365177

Ion Ratio Lower Upper

99 100

42 19.1 15.6 23.4

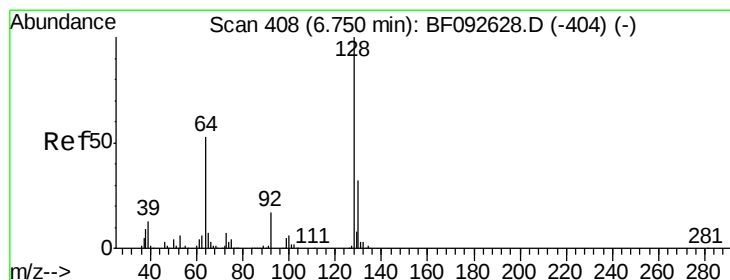
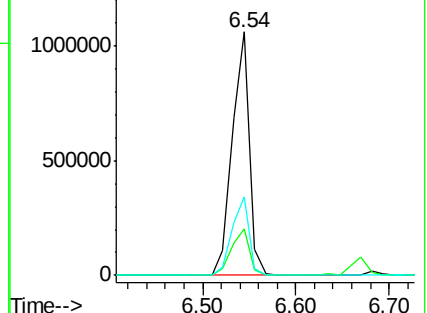
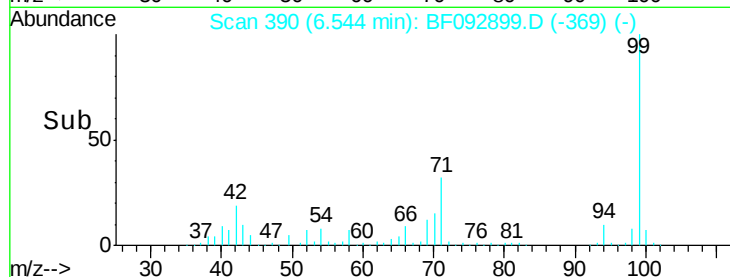
71 32.0 27.5 41.3



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: 41.91 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.07 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

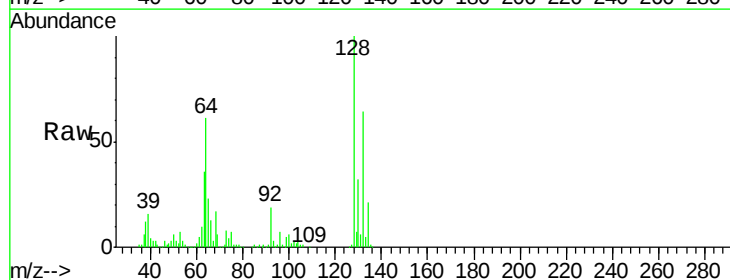
Tgt Ion: 128 Resp: 431967

Ion Ratio Lower Upper

128 100

130 31.8 12.3 52.3

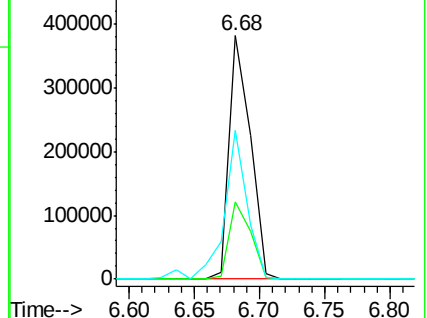
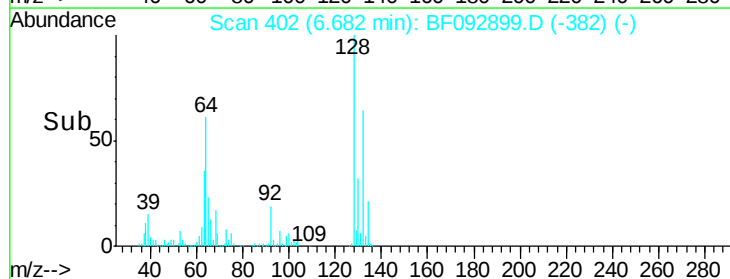
64 61.3 32.2 72.2



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: 16.06 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.07 min

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9717MSD

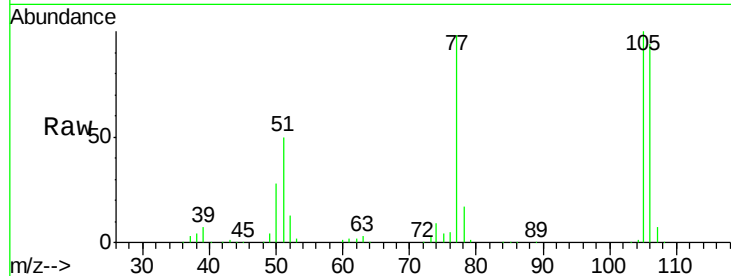
Tgt Ion: 77 Resp: 138310

Ion Ratio Lower Upper

77 100

105 102.3 83.9 123.9

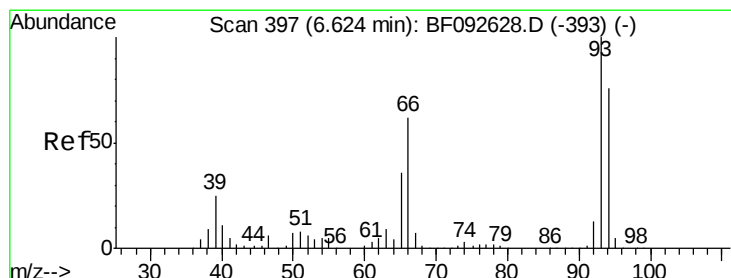
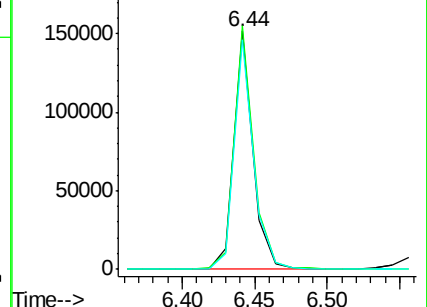
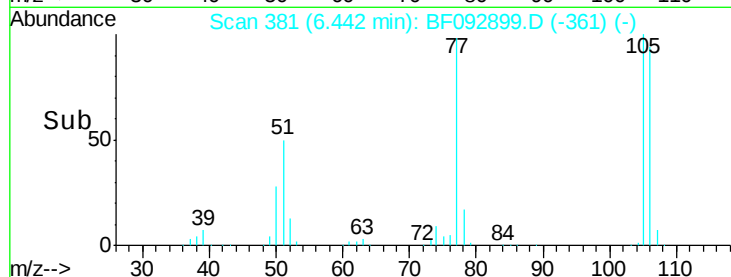
106 96.7 77.6 117.6



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: 41.98 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.07 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

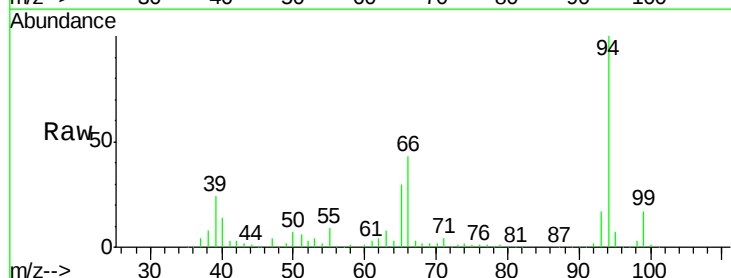
Tgt Ion: 94 Resp: 590424

Ion Ratio Lower Upper

94 100

65 30.2 21.4 61.4

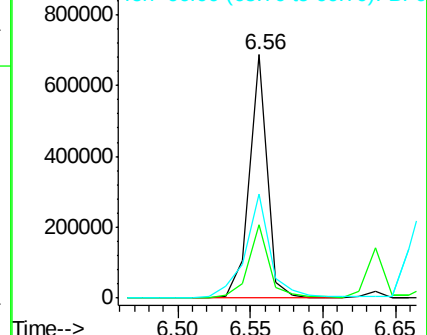
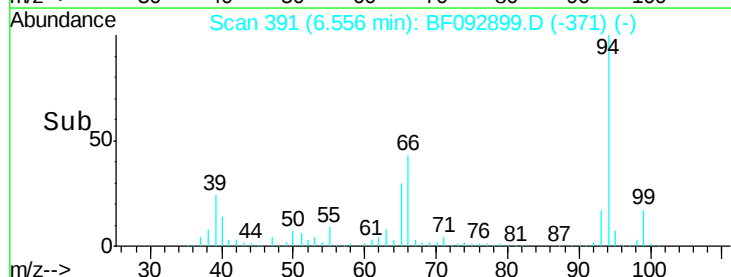
66 42.6 44.0 84.0#



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

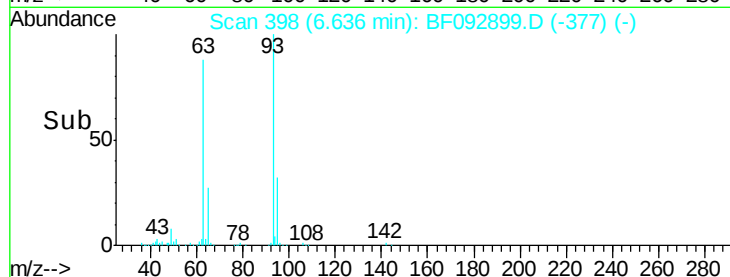
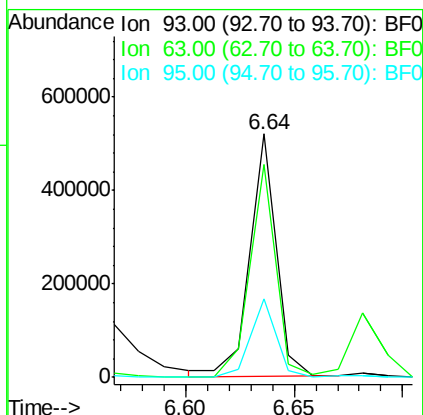
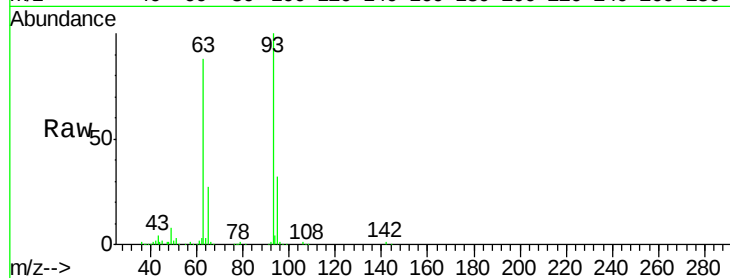




#11
bis(2-Chloroethyl)ether
Concen: 38.96 ng
RT: 6.64 min Scan# 398
Delta R.T. -0.06 min
Lab File: BF092899.D
Acq: 10 Feb 2017 22:39

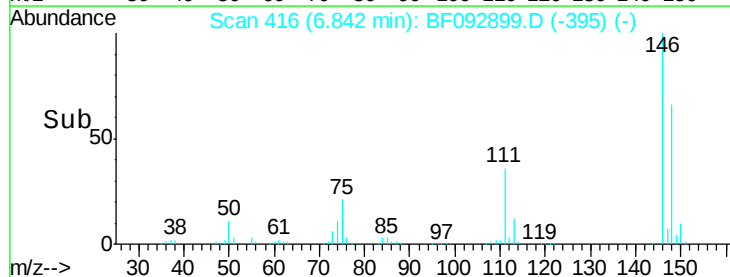
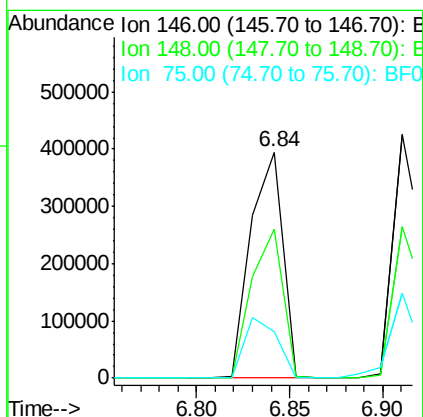
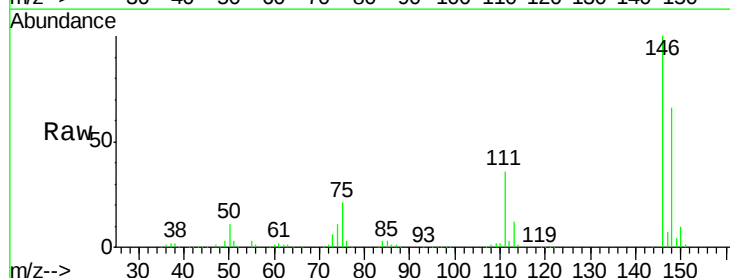
Instrument :
BNA_F
ClientSampleId :
9717MSD

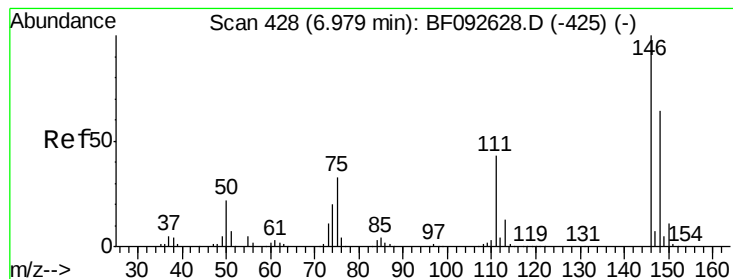
Tgt Ion: 93 Resp: 437368
Ion Ratio Lower Upper
93 100
63 87.7 60.4 100.4
95 32.3 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 39.09 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.06 min
Lab File: BF092899.D
Acq: 10 Feb 2017 22:39

Tgt Ion: 146 Resp: 471887
Ion Ratio Lower Upper
146 100
148 65.9 53.4 80.0
75 20.7 18.5 27.7





#13

1,4-Dichlorobenzene

Concen: 37.78 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.07 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

Instrument :

BNA_F

ClientSampled :

9717MSD

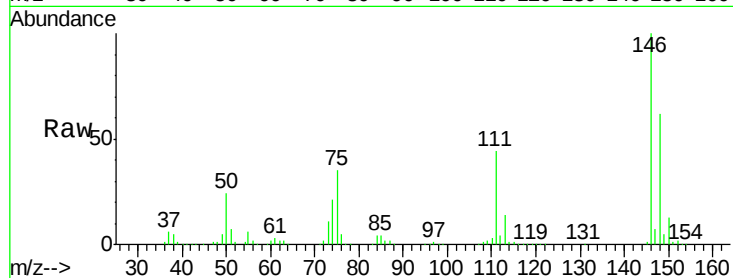
Tgt Ion:146 Resp: 461589

Ion Ratio Lower Upper

146 100

148 62.1 50.6 76.0

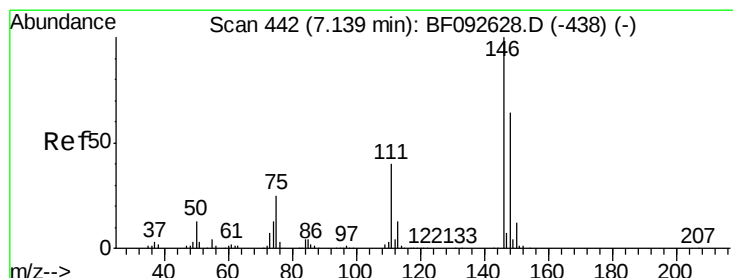
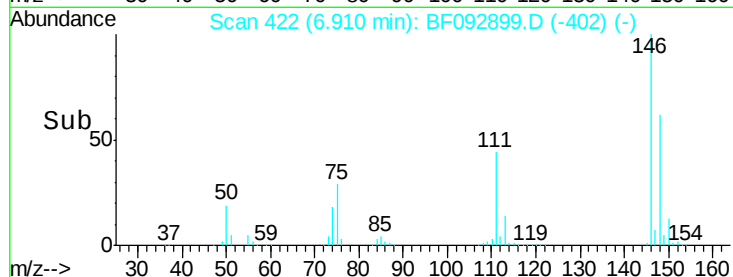
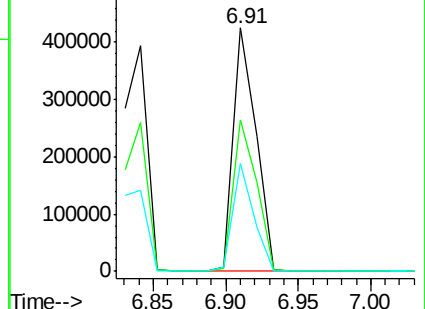
111 44.2 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.14 ng

RT: 7.07 min Scan# 436

Delta R.T. -0.07 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

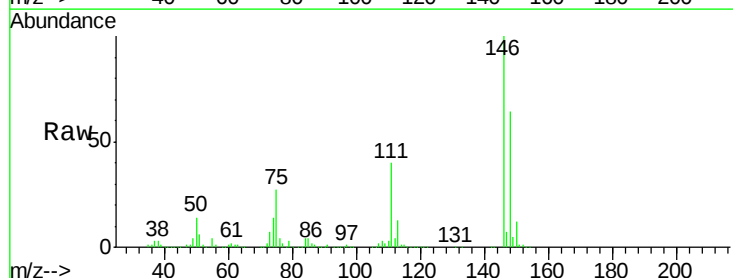
Tgt Ion:146 Resp: 468954

Ion Ratio Lower Upper

146 100

148 64.4 52.2 78.2

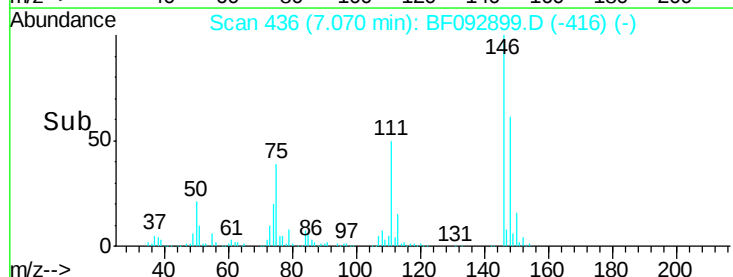
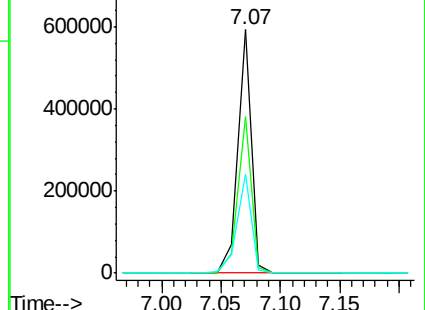
111 40.5 36.2 54.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.22 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.06 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

Instrument :

BNA_F

ClientSampleId :

9717MSD

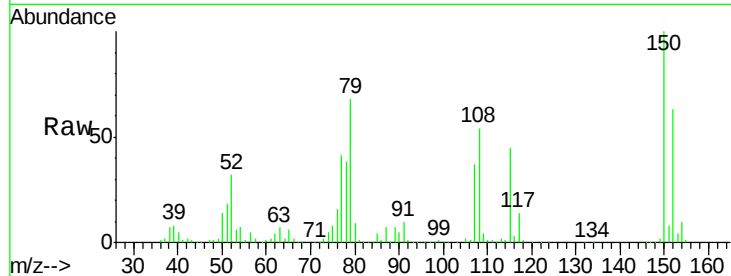
Tgt Ion: 79 Resp: 393481

Ion Ratio Lower Upper

79 100

108 79.1 61.4 92.0

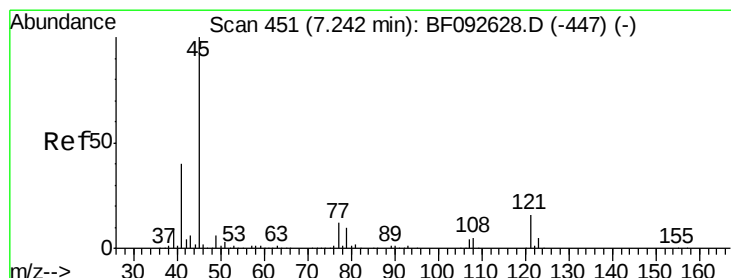
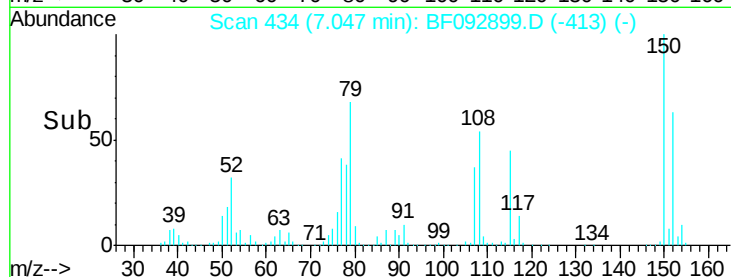
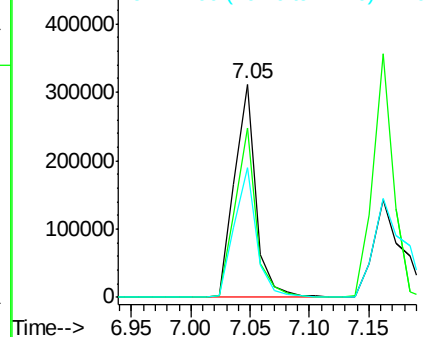
77 60.9 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.27 ng

RT: 7.18 min Scan# 446

Delta R.T. -0.06 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

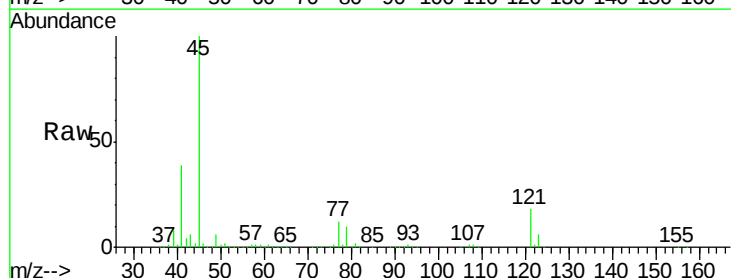
Tgt Ion: 45 Resp: 804770

Ion Ratio Lower Upper

45 100

77 12.1 0.0 34.6

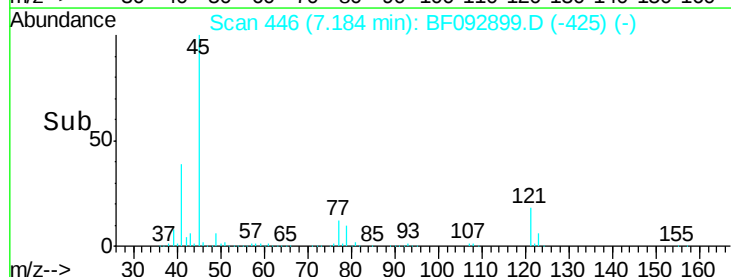
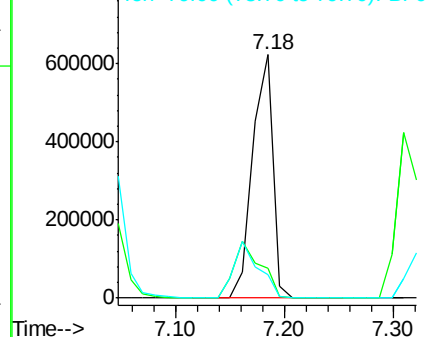
79 9.8 0.0 31.2



Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

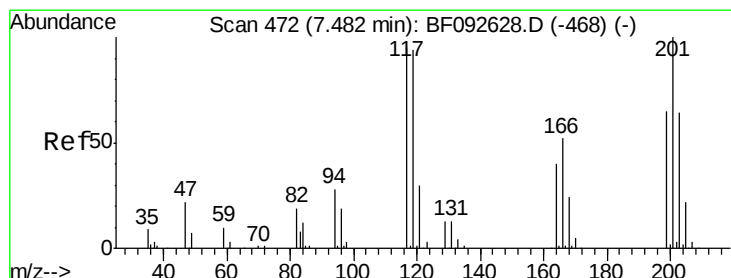
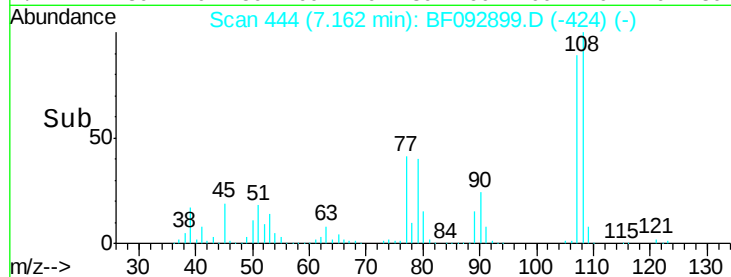
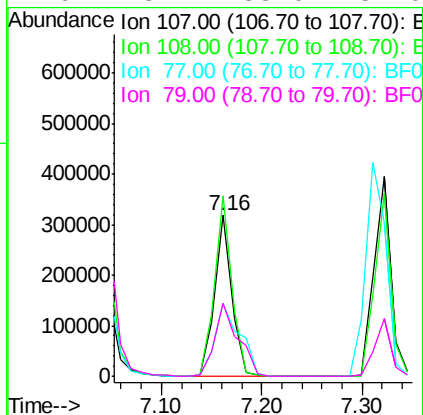
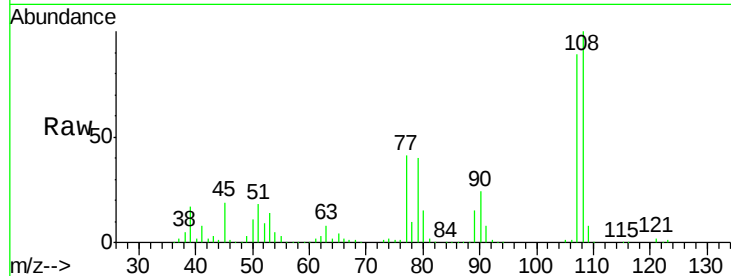




#17
2-Methylphenol
Concen: 42.87 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.07 min
Lab File: BF092899.D
Acq: 10 Feb 2017 22:39

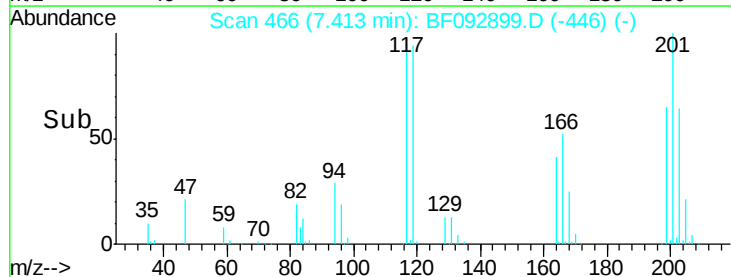
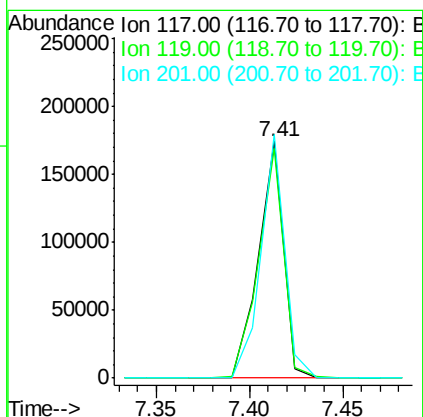
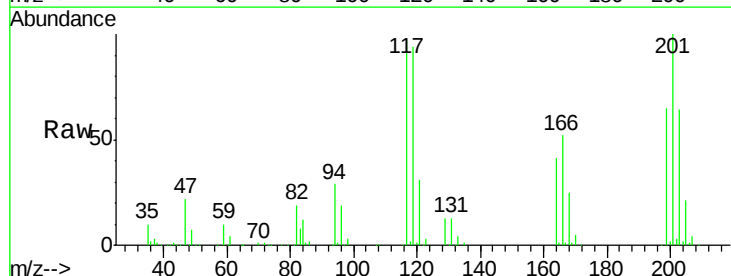
Instrument :
BNA_F
ClientSampleId :
9717MSD

Tgt Ion:107 Resp: 379035
Ion Ratio Lower Upper
107 100
108 111.8 93.0 139.6
77 45.4 39.8 59.8
79 45.1 38.0 57.0



#18
Hexachloroethane
Concen: 39.53 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.07 min
Lab File: BF092899.D
Acq: 10 Feb 2017 22:39

Tgt Ion:117 Resp: 164843
Ion Ratio Lower Upper
117 100
119 97.1 78.1 117.1
201 102.7 78.6 117.8

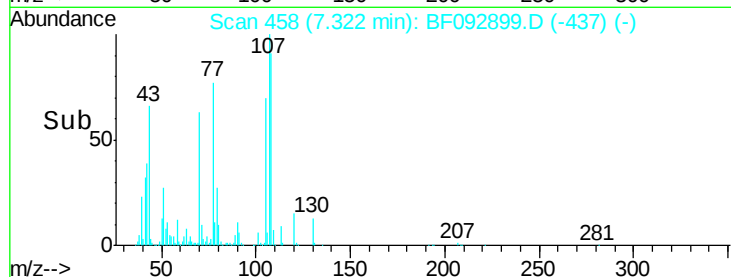
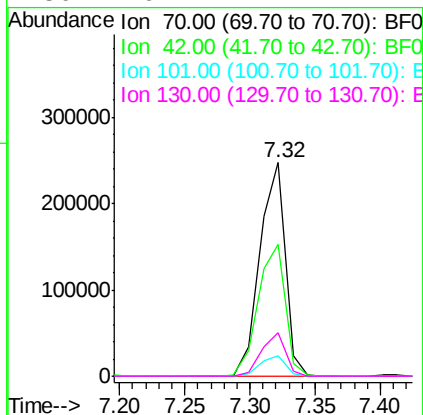
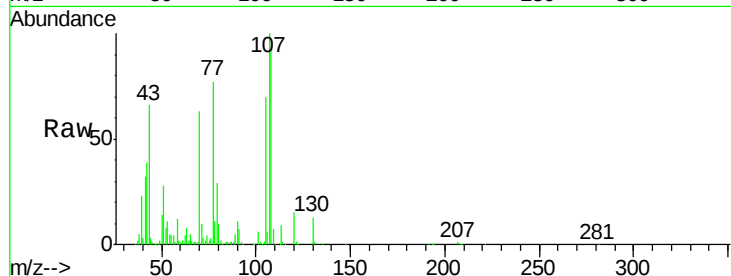




#19
n-Nitroso-di-n-propylamine
Concen: 44.41 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.06 min
Lab File: BF092899.D
Acq: 10 Feb 2017 22:39

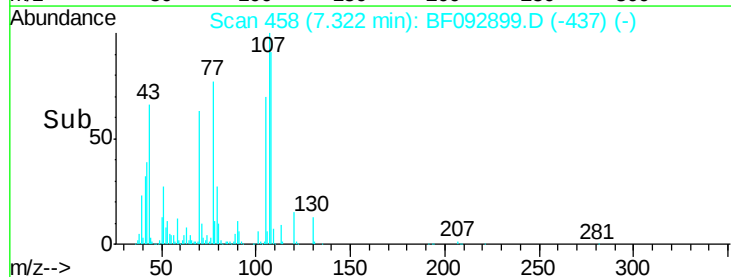
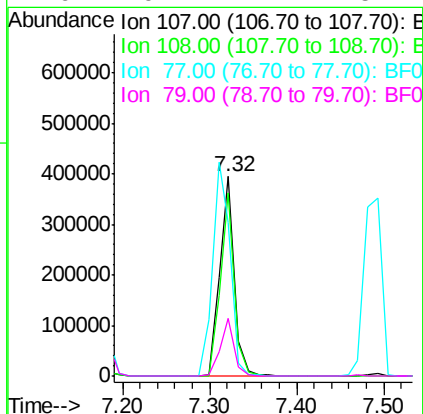
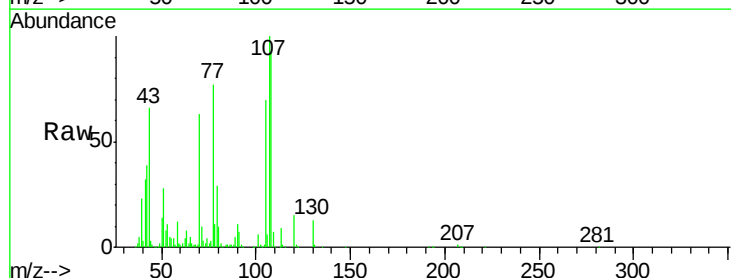
Instrument :
BNA_F
ClientSampleId :
9717MSD

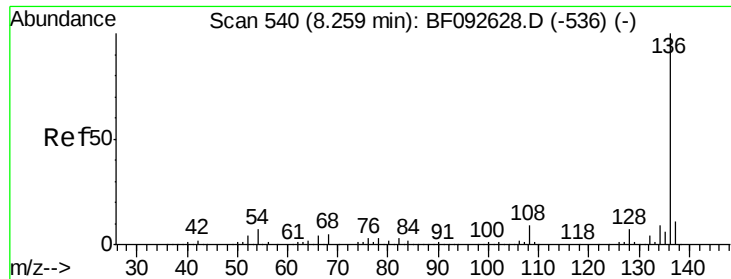
Tgt Ion: 70 Resp: 339806
Ion Ratio Lower Upper
70 100
42 61.6 49.4 74.0
101 9.4 7.4 11.2
130 20.7 14.2 21.4



#20
3+4-Methylphenols
Concen: 43.78 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.06 min
Lab File: BF092899.D
Acq: 10 Feb 2017 22:39

Tgt Ion: 107 Resp: 462793
Ion Ratio Lower Upper
107 100
108 92.1 73.0 113.0
77 77.0 71.3 111.3
79 29.1 11.1 51.1

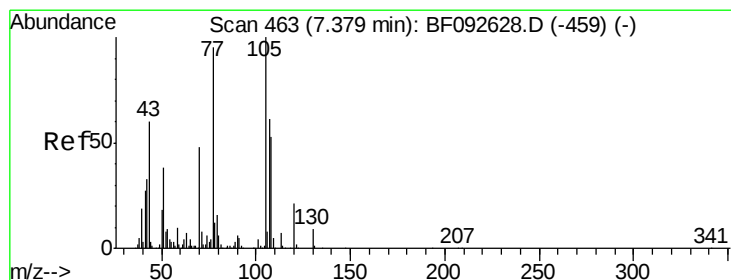
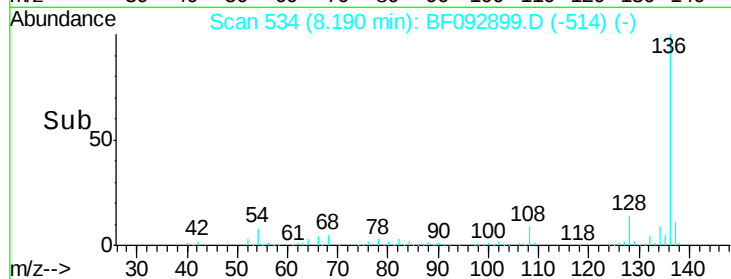
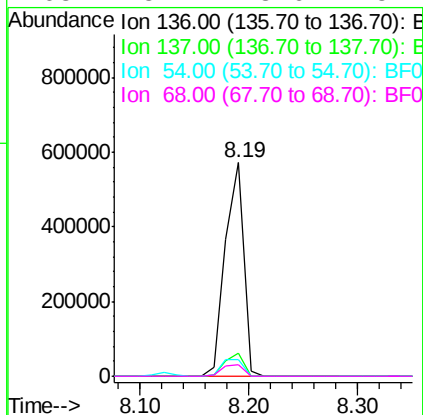
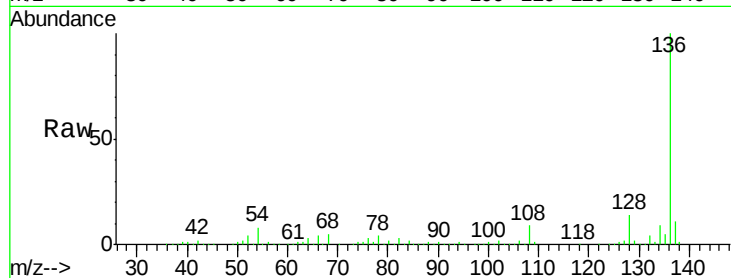




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.07 min
Lab File: BF092899.D
Acq: 10 Feb 2017 22:39

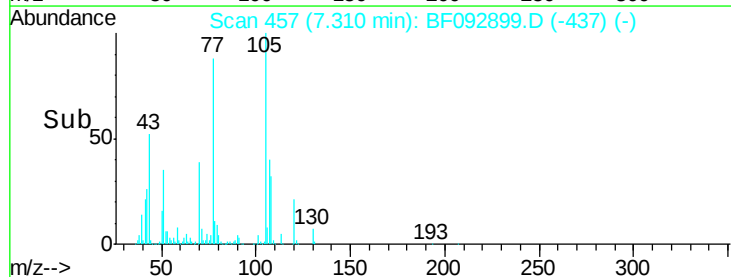
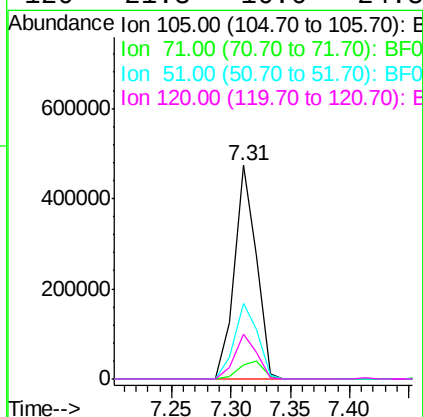
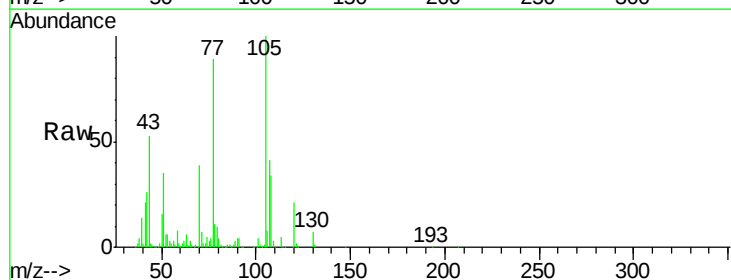
Instrument :
BNA_F
ClientSampleId :
9717MSD

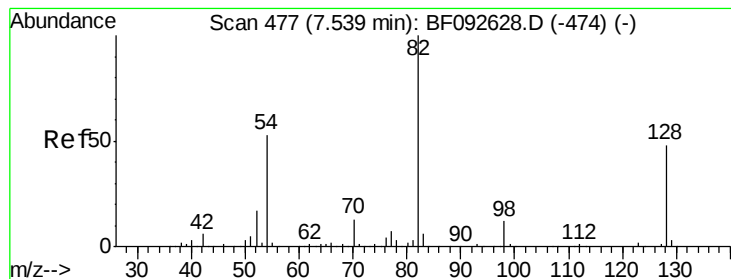
Tgt Ion:	136	Resp:	673713
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	7.8	4.5	6.7#
68	5.2	3.6	5.4



#22
Acetophenone
Concen: 39.70 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.07 min
Lab File: BF092899.D
Acq: 10 Feb 2017 22:39

Tgt Ion:	105	Resp:	610595
Ion	Ratio	Lower	Upper
105	100		
71	6.7	3.2	4.8#
51	35.4	26.2	39.4
120	21.3	16.6	24.8





#23

Nitrobenzene-d5

Concen: 80.94 ng

RT: 7.47 min Scan# 471

Delta R.T. -0.07 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

Instrument :

BNA_F

ClientSampleId :

9717MSD

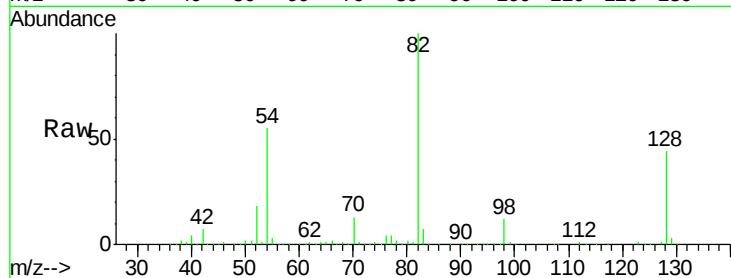
Tgt Ion: 82 Resp: 979186

Ion Ratio Lower Upper

82 100

128 43.9 34.6 52.0

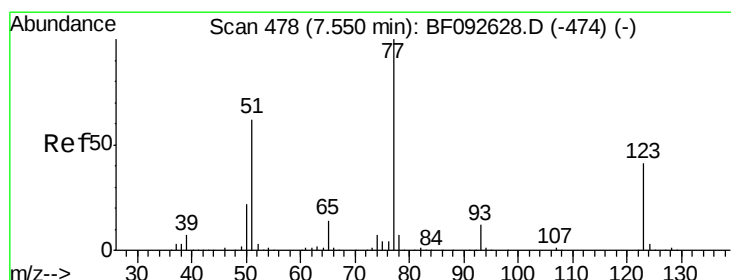
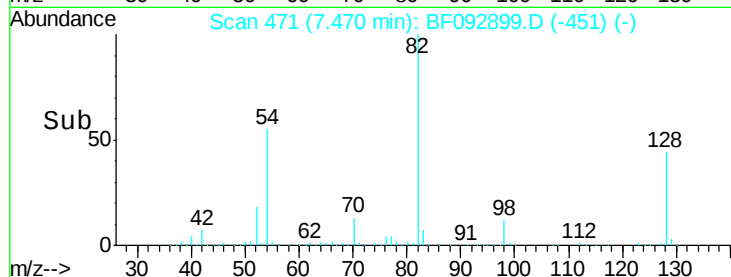
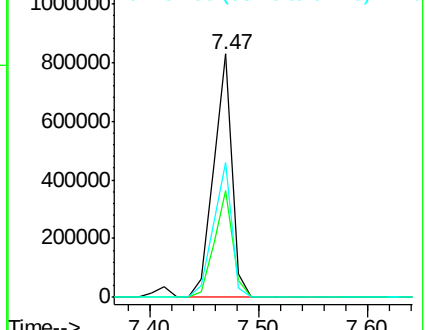
54 55.3 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 39.67 ng

RT: 7.49 min Scan# 473

Delta R.T. -0.06 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

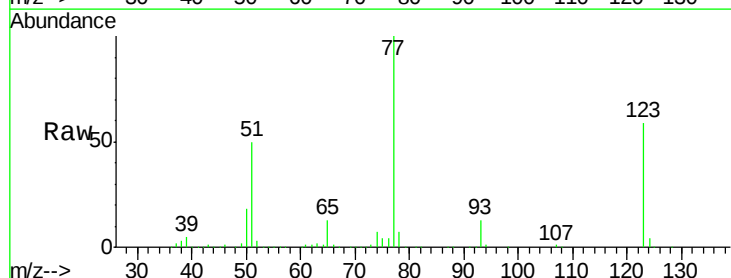
Tgt Ion: 77 Resp: 492852

Ion Ratio Lower Upper

77 100

123 58.7 33.0 49.4#

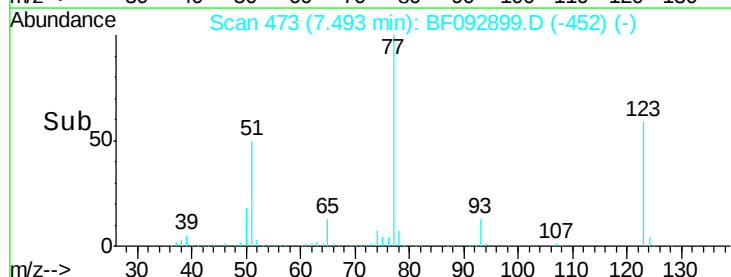
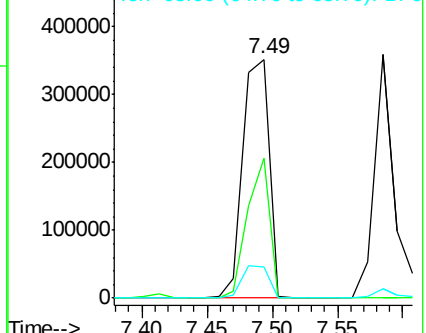
65 12.8 11.2 16.8

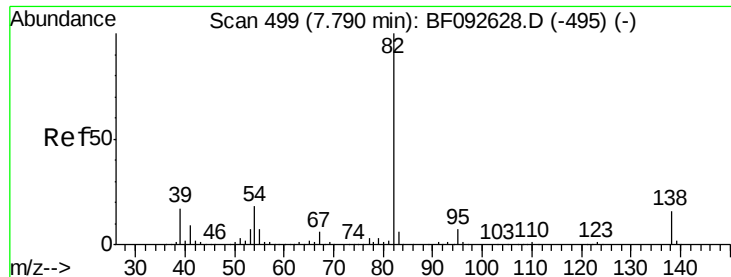


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 42.45 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.06 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

Instrument :

BNA_F

ClientSampleId :

9717MSD

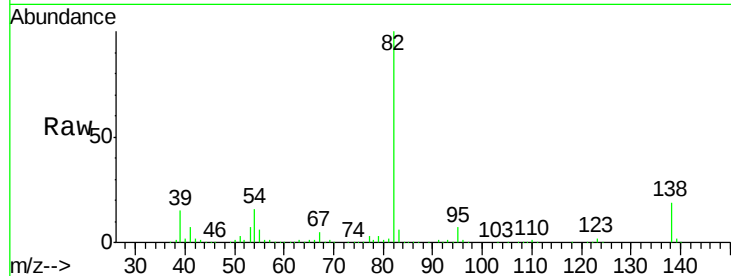
Tgt Ion: 82 Resp: 957073

Ion Ratio Lower Upper

82 100

95 6.8 5.6 8.4

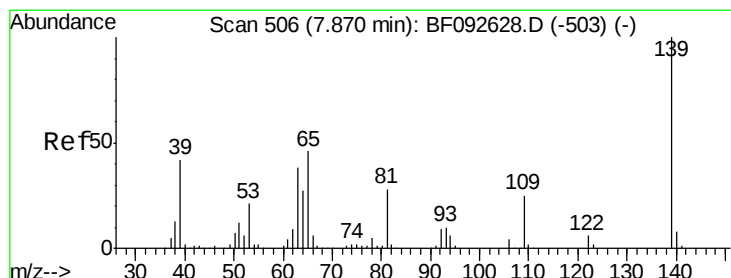
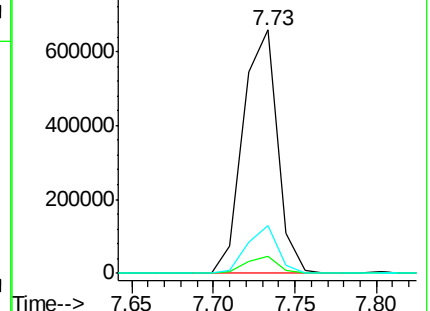
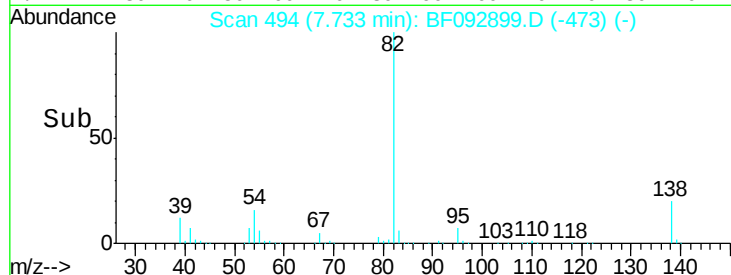
138 19.5 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 41.79 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.07 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

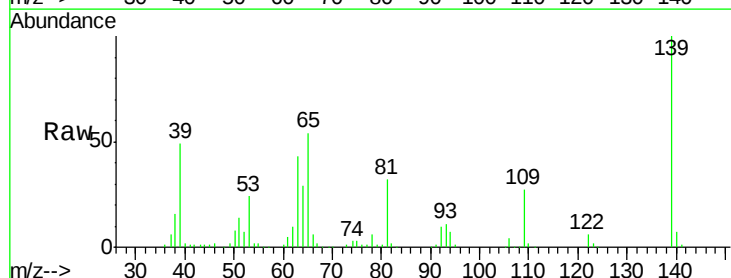
Tgt Ion: 139 Resp: 246780

Ion Ratio Lower Upper

139 100

109 26.8 23.3 34.9

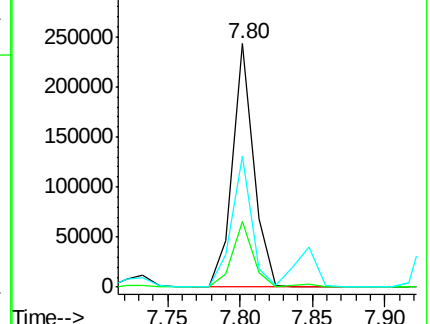
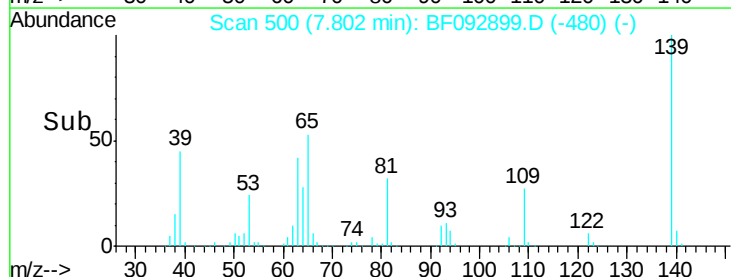
65 53.8 42.7 64.1



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

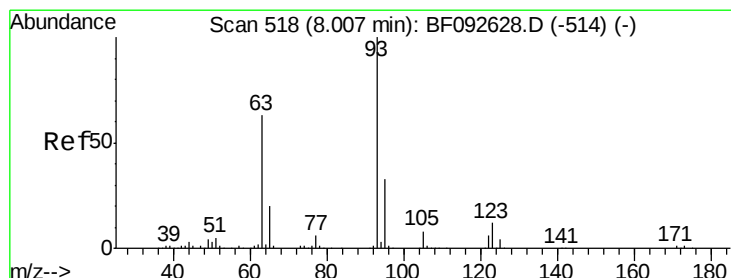
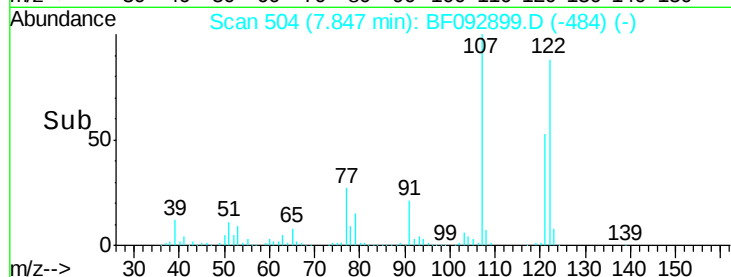
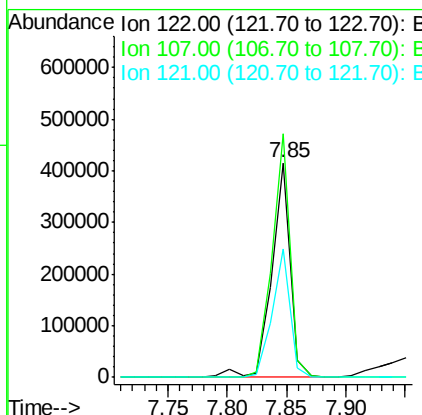
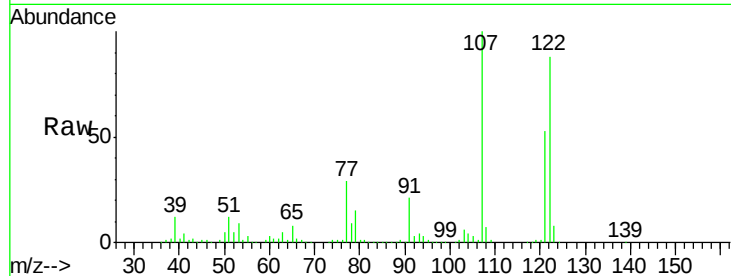




#27
2,4-Dimethylphenol
Concen: 43.55 ng
RT: 7.85 min Scan# 504
Delta R.T. -0.07 min
Lab File: BF092899.D
Acq: 10 Feb 2017 22:39

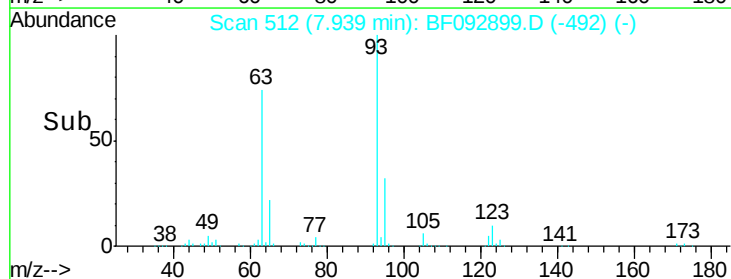
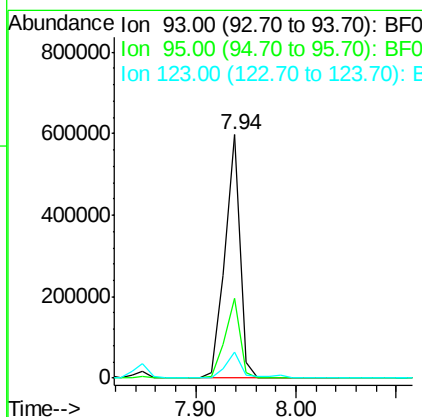
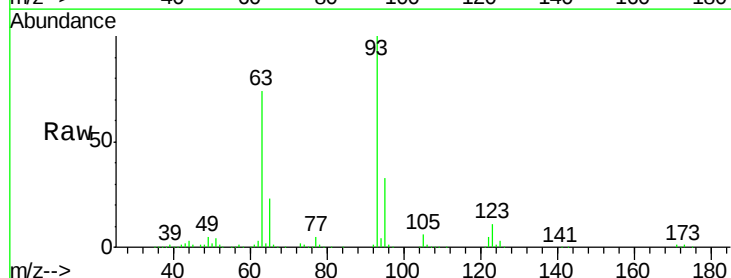
Instrument :
BNA_F
ClientSampleId :
9717MSD

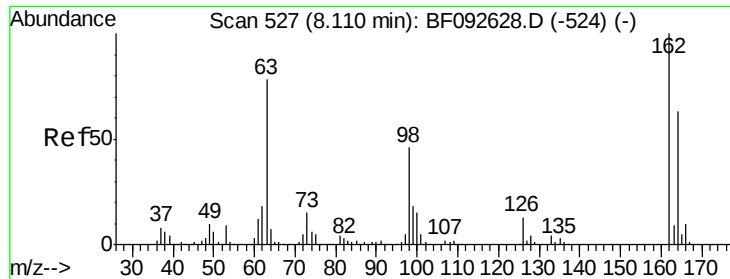
Tgt Ion: 122 Resp: 451693
Ion Ratio Lower Upper
122 100
107 113.6 94.1 141.1
121 59.8 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 41.69 ng
RT: 7.94 min Scan# 512
Delta R.T. -0.07 min
Lab File: BF092899.D
Acq: 10 Feb 2017 22:39

Tgt Ion: 93 Resp: 622530
Ion Ratio Lower Upper
93 100
95 32.5 26.5 39.7
123 10.5 8.6 13.0

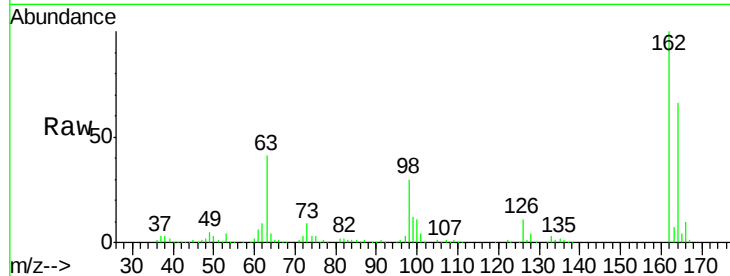




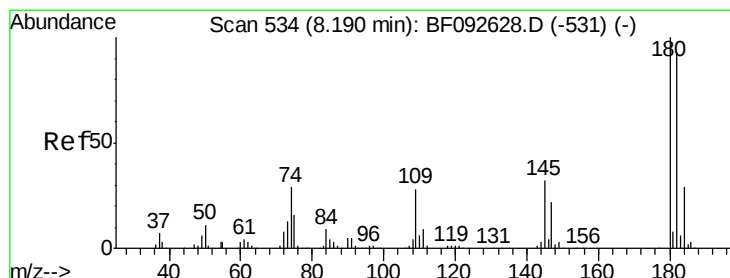
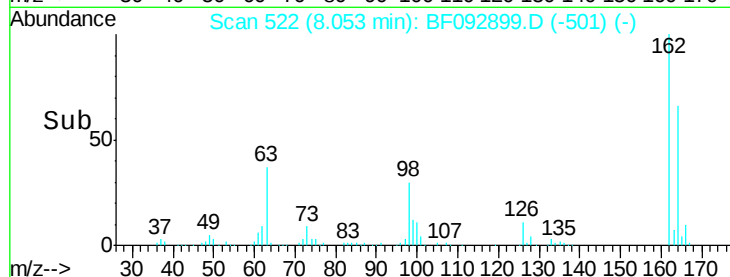
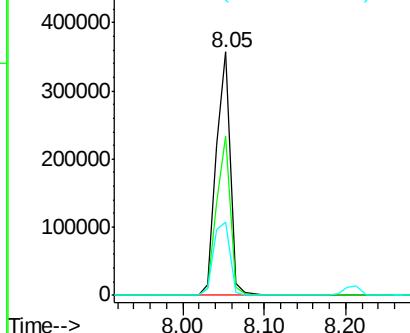
#29
 2,4-Dichlorophenol
 Concen: 44.13 ng
 RT: 8.05 min Scan# 522
 Delta R.T. -0.06 min
 Lab File: BF092899.D
 Acq: 10 Feb 2017 22:39

Instrument :
 BNA_F
 ClientSampleId :
 9717MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.5	46.8	86.8
98	30.3	9.1	49.1

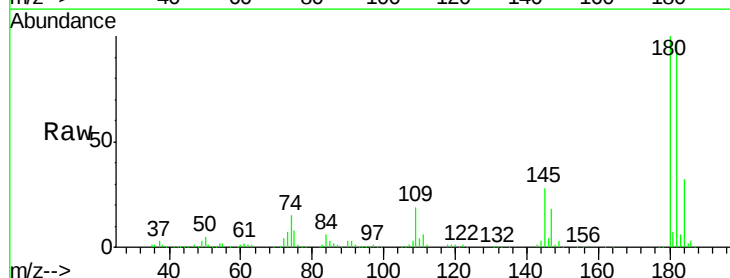


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

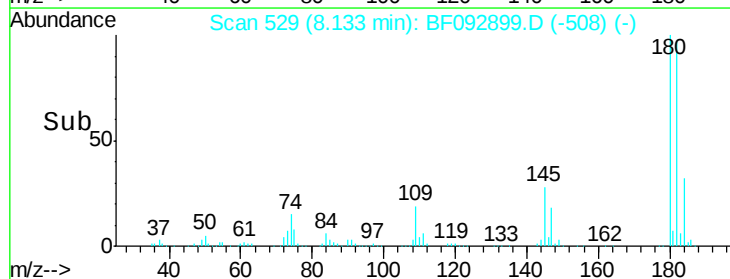
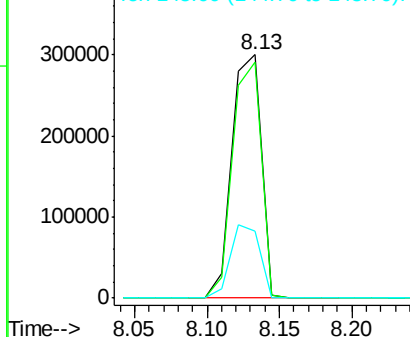


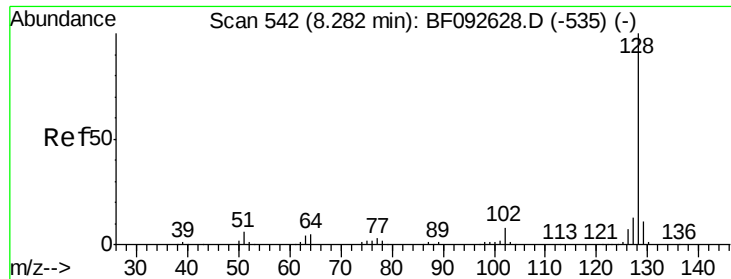
#30
 1,2,4-Trichlorobenzene
 Concen: 40.50 ng
 RT: 8.13 min Scan# 529
 Delta R.T. -0.06 min
 Lab File: BF092899.D
 Acq: 10 Feb 2017 22:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	78.2	117.4
145	27.7	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

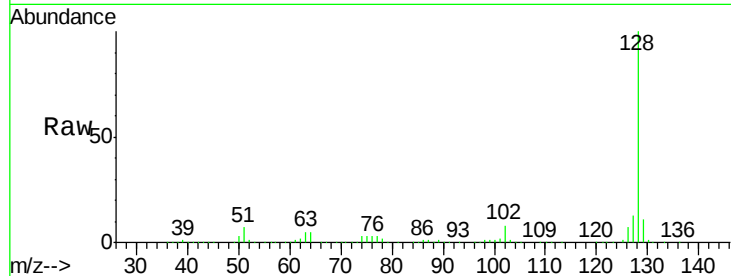




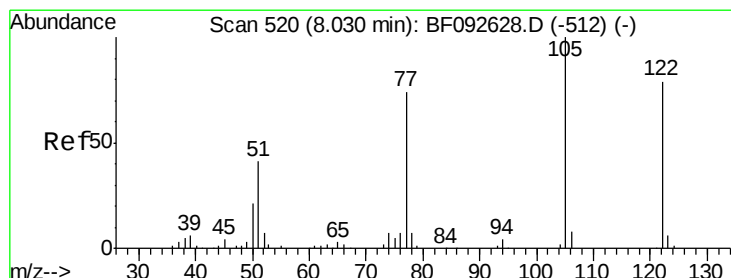
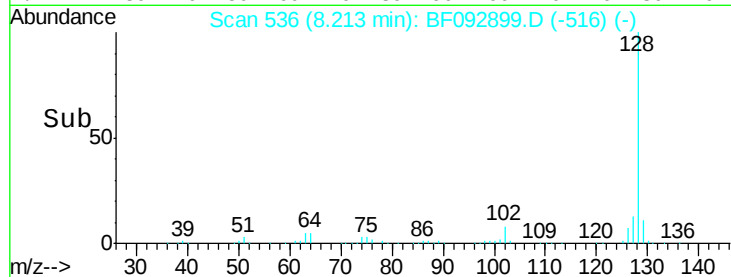
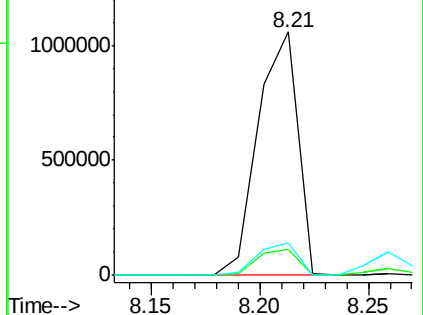
#31
Naphthalene
Concen: 39.80 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.07 min
Lab File: BF092899.D
Acq: 10 Feb 2017 22:39

Instrument :
BNA_F
ClientSampleId :
9717MSD

Tgt Ion:128 Resp: 1359287
Ion Ratio Lower Upper
128 100
129 10.7 9.5 14.3
127 13.4 10.8 16.2

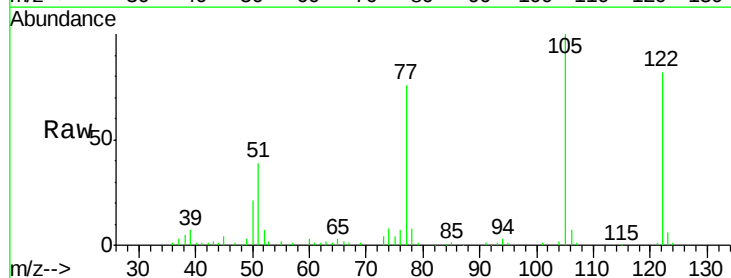


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

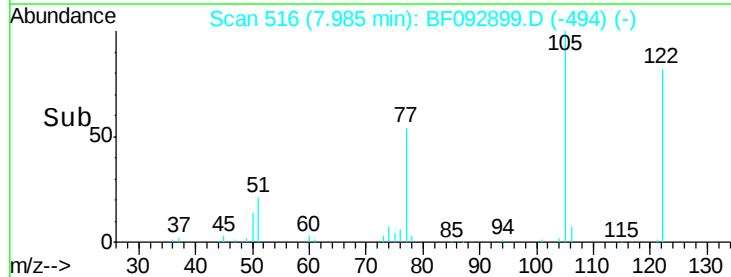
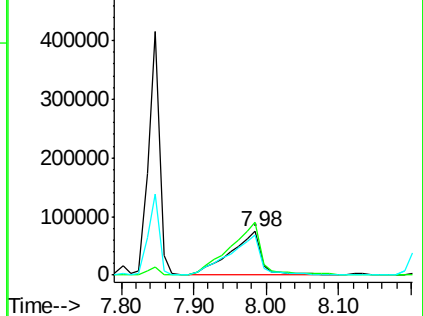


#32
Benzoic acid
Concen: 38.60 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.05 min
Lab File: BF092899.D
Acq: 10 Feb 2017 22:39

Tgt Ion:122 Resp: 217127
Ion Ratio Lower Upper
122 100
105 122.6 107.2 147.2
77 93.4 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

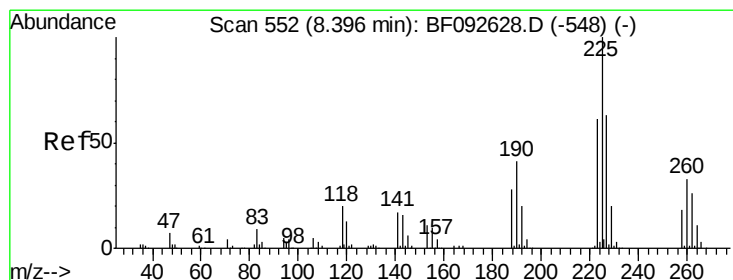
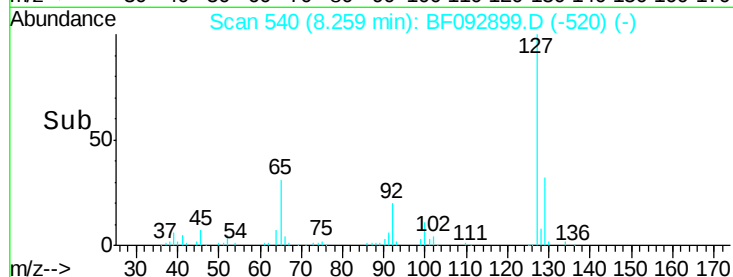
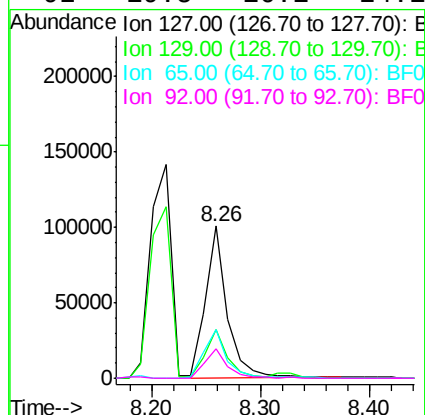
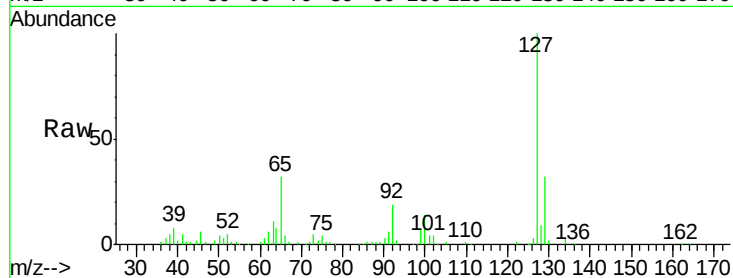




#33
 4-Chloroaniline
 Concen: 10.45 ng
 RT: 8.26 min Scan# 540
 Delta R.T. -0.07 min
 Lab File: BF092899.D
 Acq: 10 Feb 2017 22:39

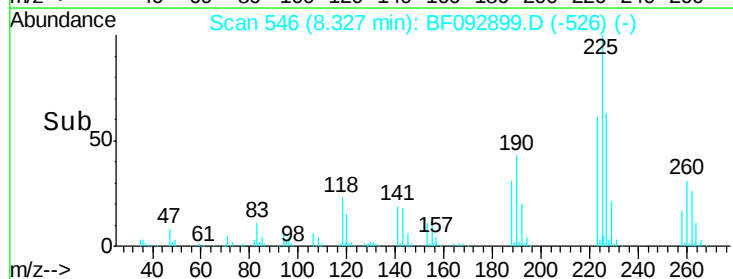
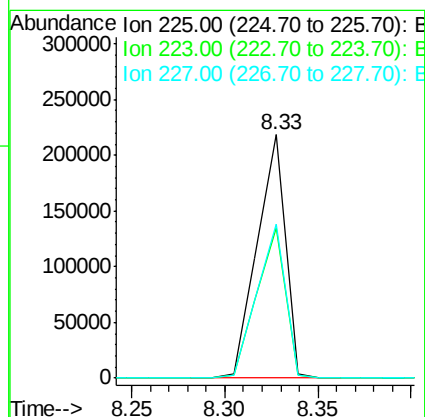
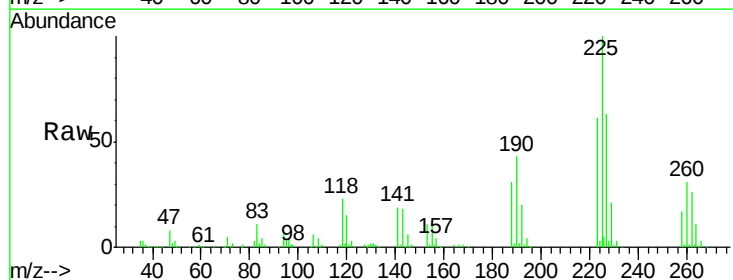
Instrument :
 BNA_F
 ClientSampleId :
 9717MSD

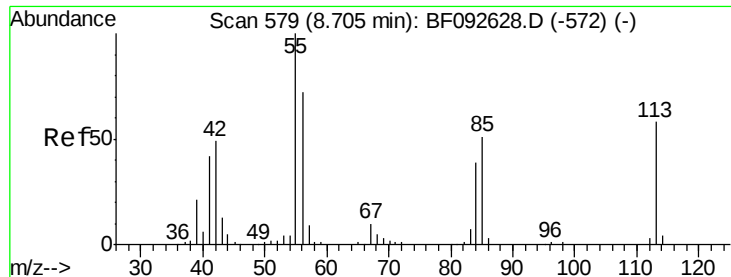
Tgt Ion:	127	Resp:	139912
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.3	39.5
65	31.7	25.8	38.8
92	19.5	16.1	24.1



#34
 Hexachlorobutadiene
 Concen: 39.97 ng
 RT: 8.33 min Scan# 546
 Delta R.T. -0.07 min
 Lab File: BF092899.D
 Acq: 10 Feb 2017 22:39

Tgt Ion:	225	Resp:	229222
Ion	Ratio	Lower	Upper
225	100		
223	61.5	51.0	76.6
227	63.2	50.6	76.0

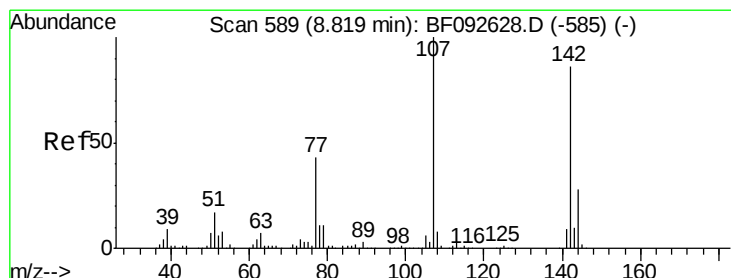
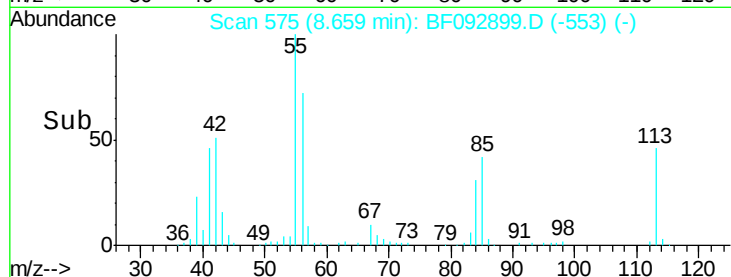
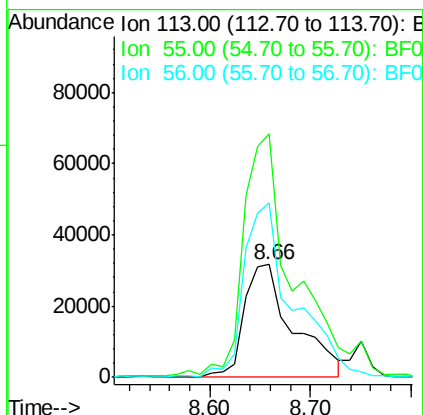
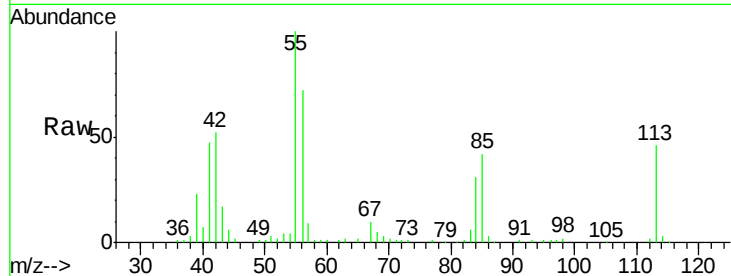




#35
 Caprolactam
 Concen: 35.45 ng
 RT: 8.66 min Scan# 575
 Delta R.T. -0.05 min
 Lab File: BF092899.D
 Acq: 10 Feb 2017 22:39

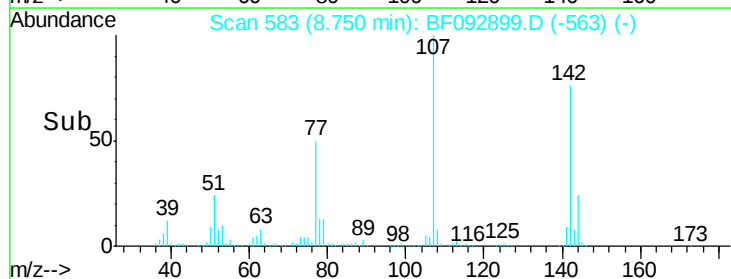
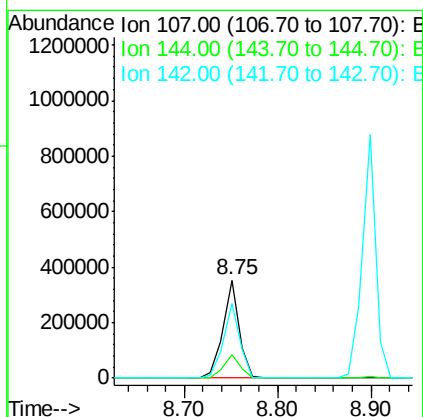
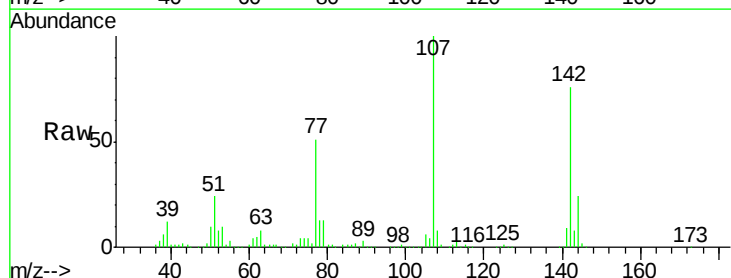
Instrument :
 BNA_F
 ClientSampleId :
 9717MSD

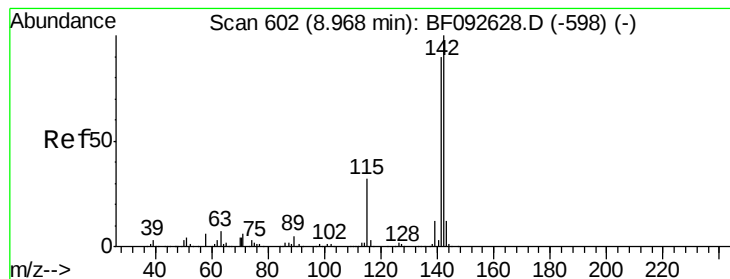
Tgt Ion:113 Resp: 107858
 Ion Ratio Lower Upper
 113 100
 55 215.6 119.2 159.2#
 56 154.2 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 42.12 ng
 RT: 8.75 min Scan# 583
 Delta R.T. -0.07 min
 Lab File: BF092899.D
 Acq: 10 Feb 2017 22:39

Tgt Ion:107 Resp: 424773
 Ion Ratio Lower Upper
 107 100
 144 23.7 19.3 28.9
 142 75.5 59.0 88.6

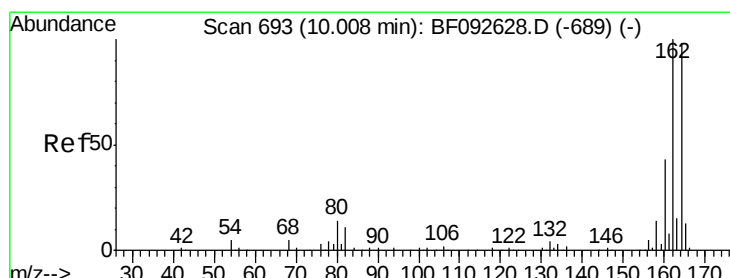
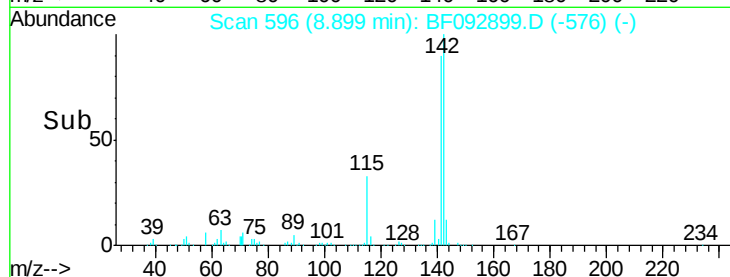
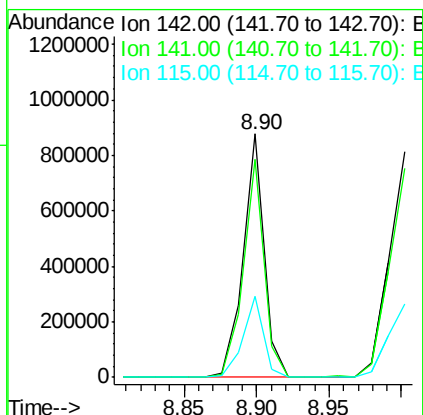
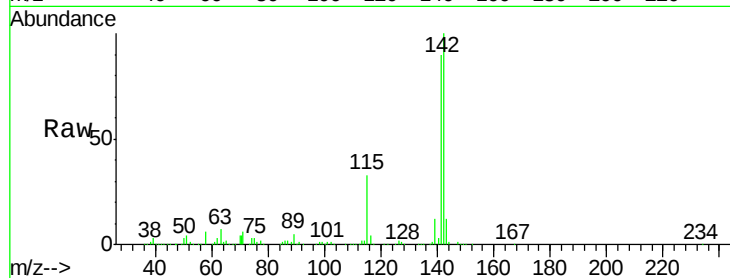




#37
 2-Methylnaphthalene
 Concen: 40.20 ng
 RT: 8.90 min Scan# 596
 Delta R.T. -0.07 min
 Lab File: BF092899.D
 Acq: 10 Feb 2017 22:39

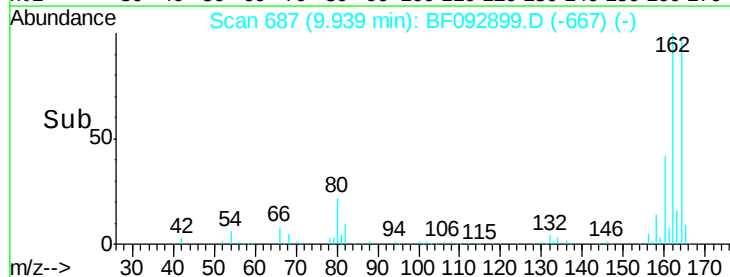
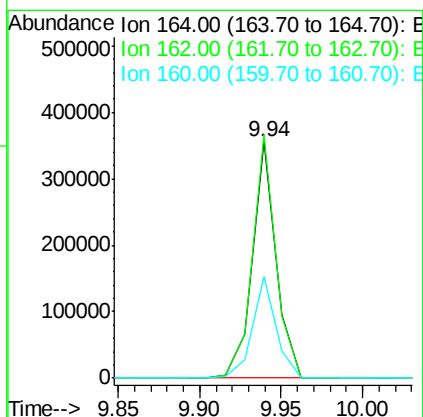
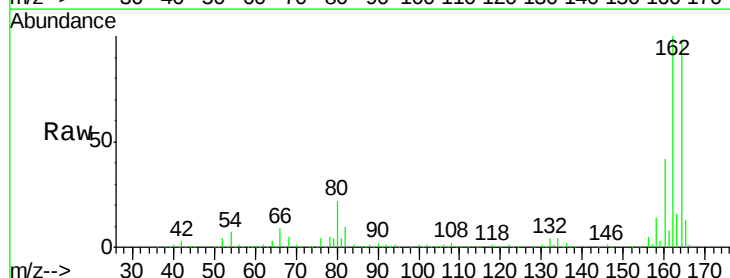
Instrument :
 BNA_F
 ClientSampleId :
 9717MSD

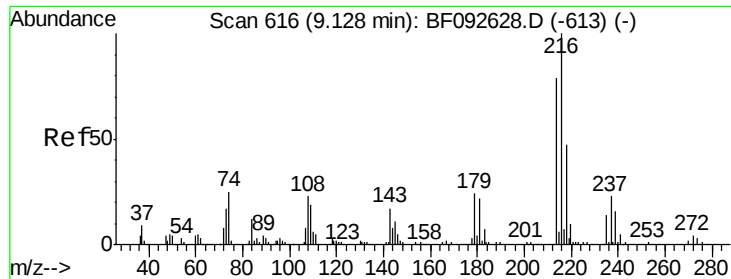
Tgt Ion:142 Resp: 881555
 Ion Ratio Lower Upper
 142 100
 141 89.5 71.0 106.6
 115 33.3 28.3 42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.07 min
 Lab File: BF092899.D
 Acq: 10 Feb 2017 22:39

Tgt Ion:164 Resp: 357769
 Ion Ratio Lower Upper
 164 100
 162 102.8 80.2 120.2
 160 43.0 36.9 55.3

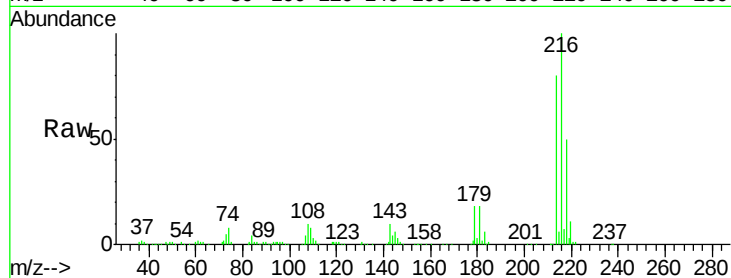




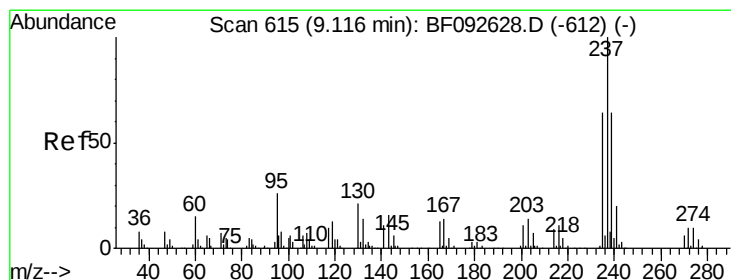
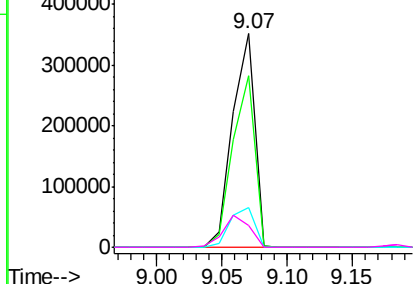
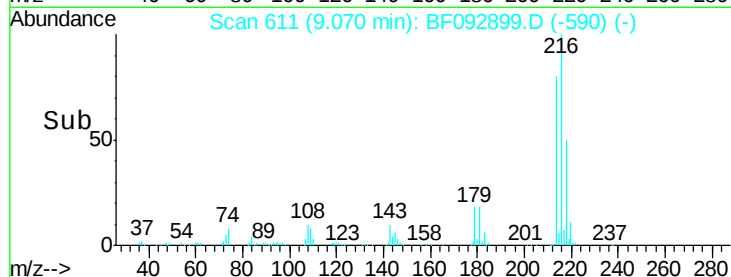
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.34 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.06 min
 Lab File: BF092899.D
 Acq: 10 Feb 2017 22:39

Instrument :
 BNA_F
 ClientSampleId :
 9717MSD

Tgt Ion:	216	Resp:	415189
Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.4	95.0
179	20.7	17.4	26.2
108	18.1	15.6	23.4

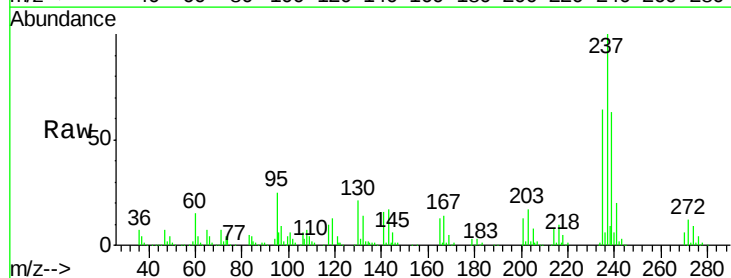


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

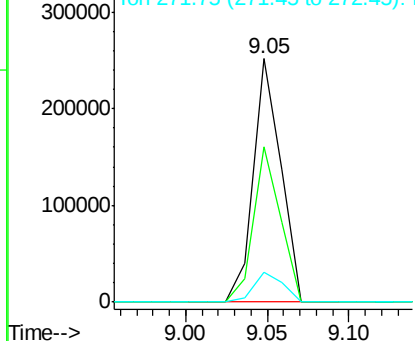
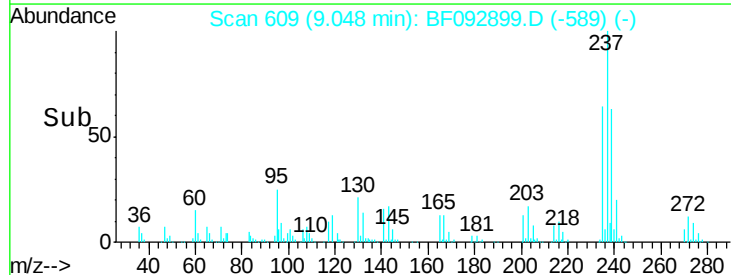


#40
 Hexachlorocyclopentadiene
 Concen: 64.82 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.07 min
 Lab File: BF092899.D
 Acq: 10 Feb 2017 22:39

Tgt Ion:	237	Resp:	293711
Ion	Ratio	Lower	Upper
237	100		
235	63.8	41.2	81.2
272	12.1	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

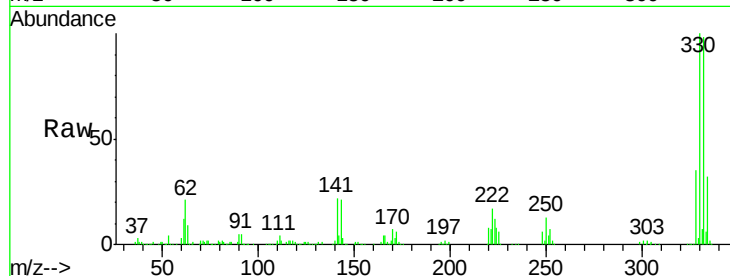




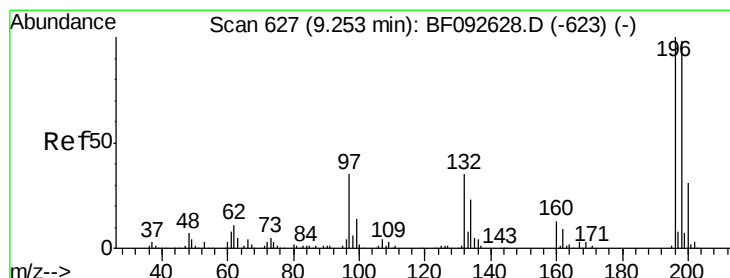
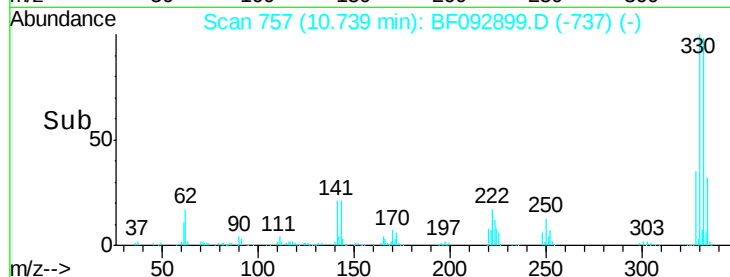
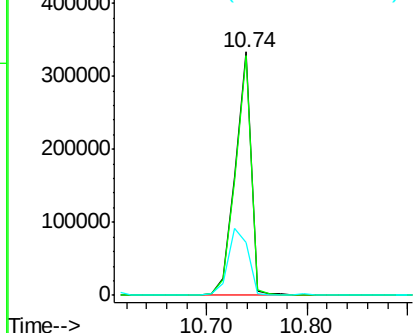
#41
 2,4,6-Tribromophenol
 Concen: 141.68 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.07 min
 Lab File: BF092899.D
 Acq: 10 Feb 2017 22:39

Instrument :
 BNA_F
 ClientSampleId :
 9717MSD

Tgt Ion:330 Resp: 366616
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.4 116.2
 141 34.8 34.1 51.1

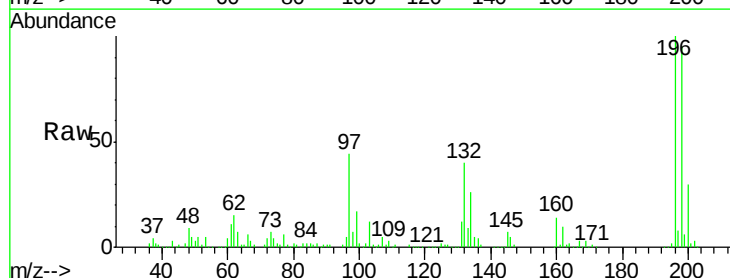


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

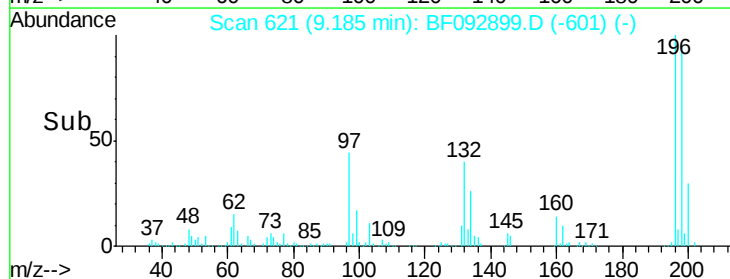
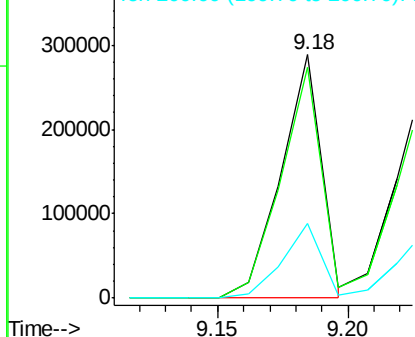


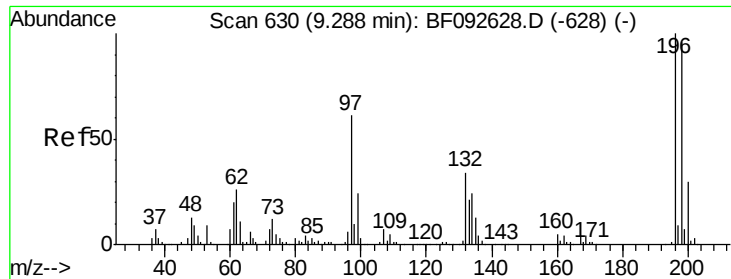
#42
 2,4,6-Trichlorophenol
 Concen: 47.16 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.07 min
 Lab File: BF092899.D
 Acq: 10 Feb 2017 22:39

Tgt Ion:196 Resp: 311230
 Ion Ratio Lower Upper
 196 100
 198 94.7 82.1 123.1
 200 30.4 27.0 40.4



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

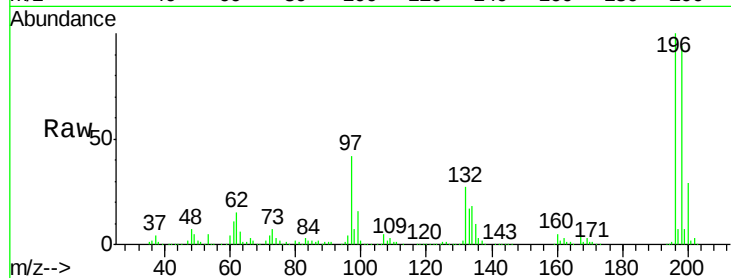




#43
 2,4,5-Trichlorophenol
 Concen: 42.26 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.06 min
 Lab File: BF092899.D
 Acq: 10 Feb 2017 22:39

Instrument :
 BNA_F
 ClientSampleId :
 9717MSD

Tgt Ion	Resp	Lower	Upper
196	305551		
196	100		
198	93.6	79.4	119.2
97	42.5	51.5	77.3#
132	27.2	27.4	41.2#



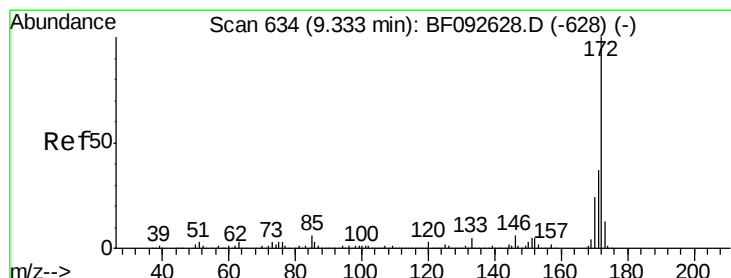
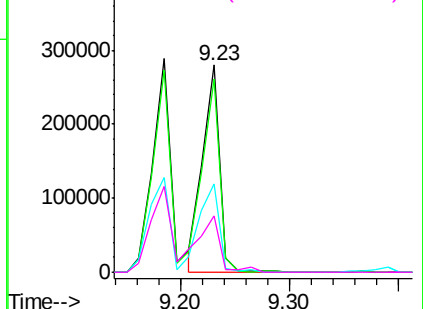
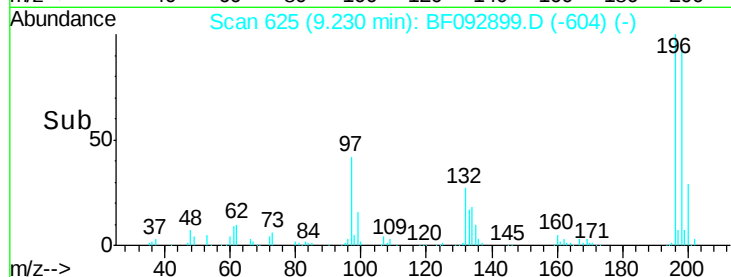
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

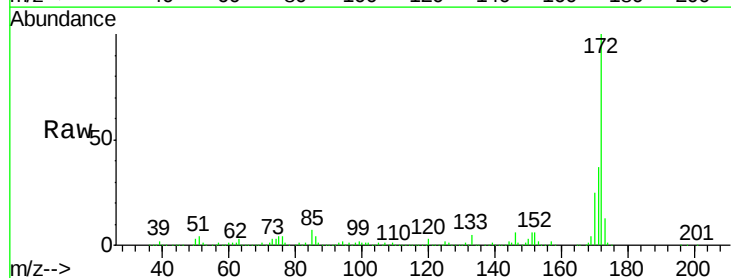
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 87.62 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.07 min
 Lab File: BF092899.D
 Acq: 10 Feb 2017 22:39

Tgt Ion	Resp	Lower	Upper
172	1730347		
172	100		
171	37.1	29.4	44.0
170	24.7	20.2	30.4

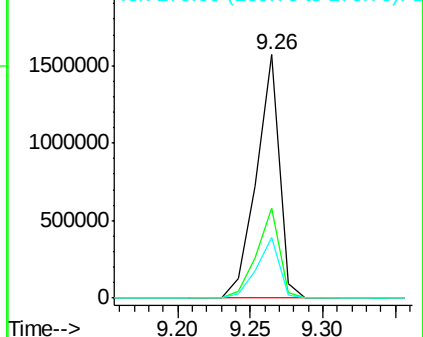
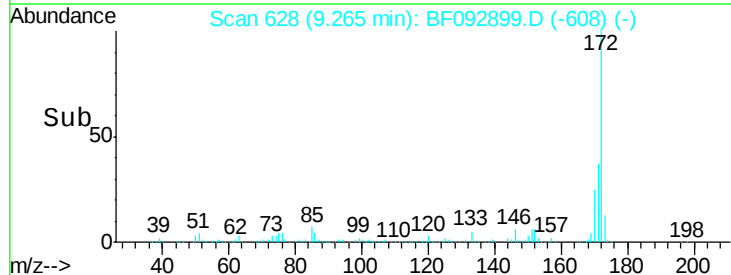


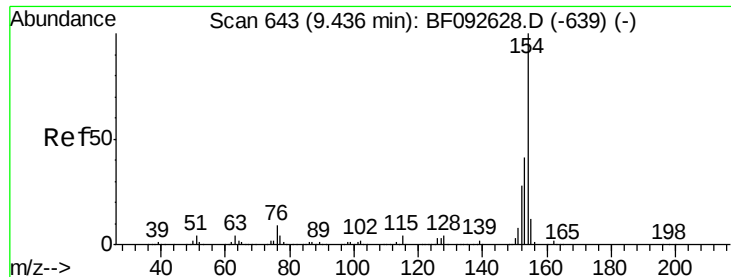
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 44.08 ng

RT: 9.37 min Scan# 637

Delta R.T. -0.07 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

Instrument :

BNA_F

ClientSampleId :

9717MSD

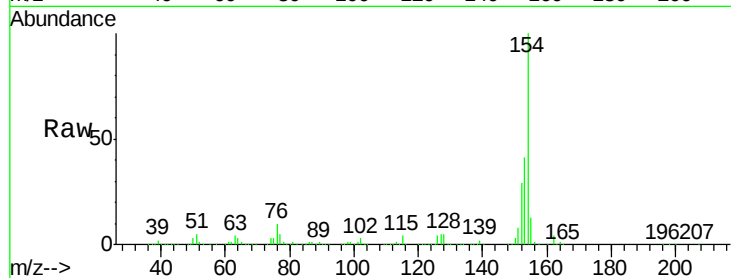
Tgt Ion:154 Resp: 1142033

Ion Ratio Lower Upper

154 100

153 41.1 20.9 60.9

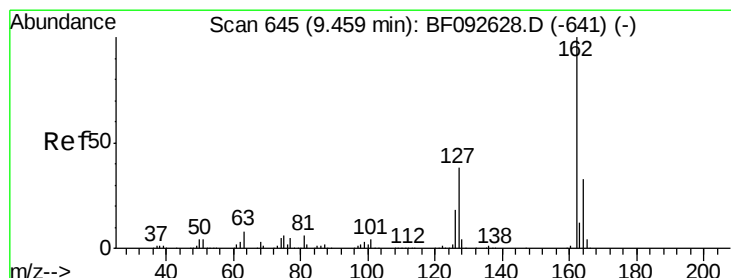
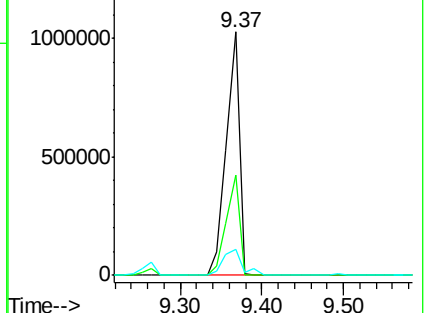
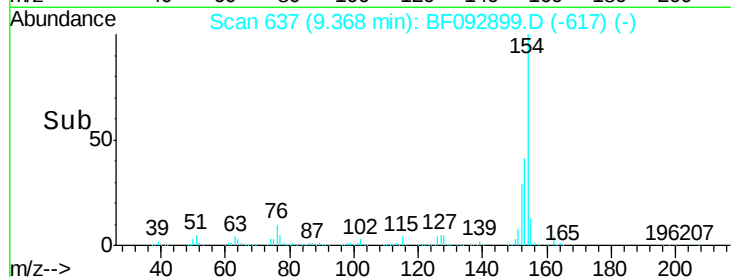
76 10.4 0.0 30.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 45.01 ng

RT: 9.39 min Scan# 639

Delta R.T. -0.07 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

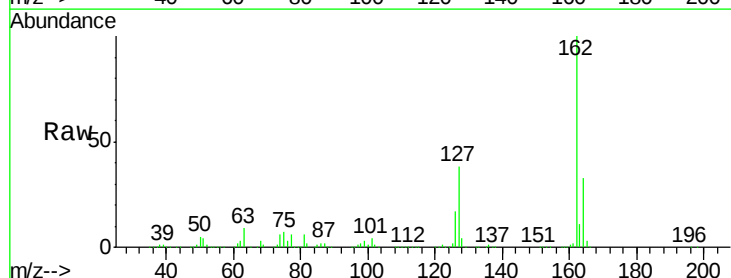
Tgt Ion:162 Resp: 912247

Ion Ratio Lower Upper

162 100

127 38.1 30.7 46.1

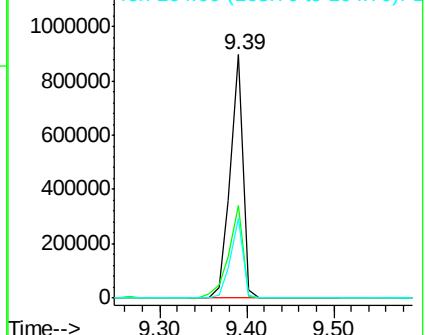
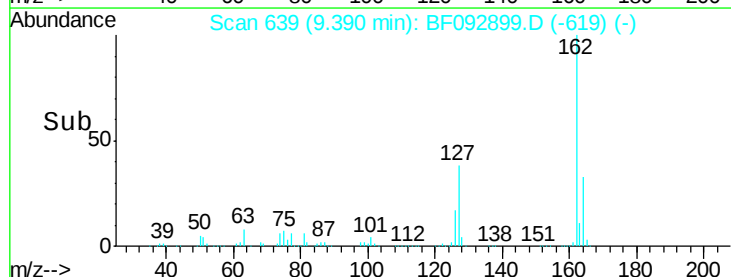
164 32.6 27.6 41.4

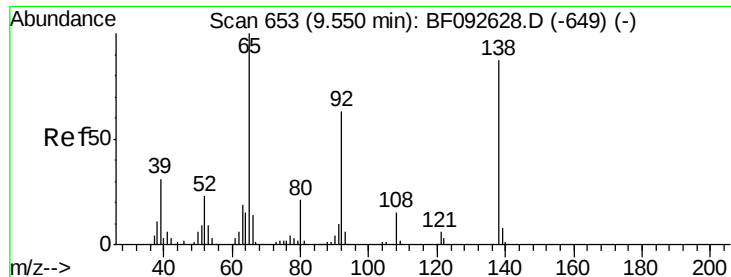


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

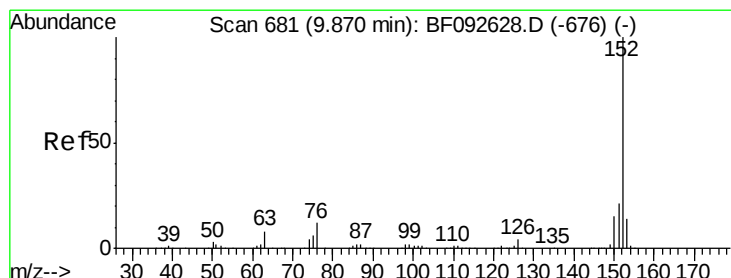
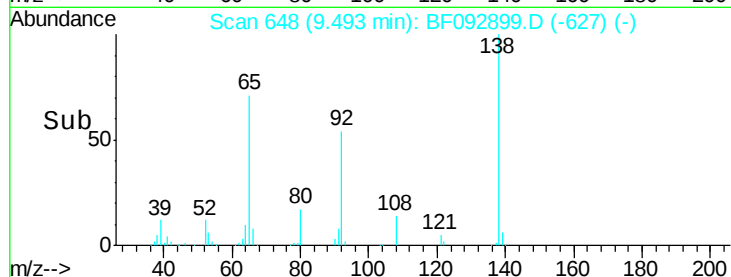
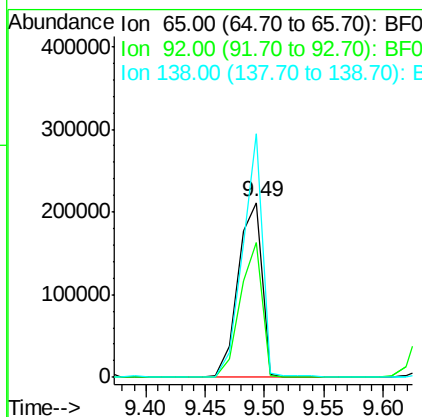
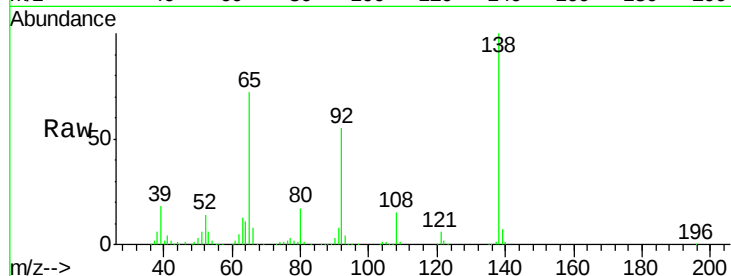




#47
2-Nitroaniline
Concen: 43.66 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.06 min
Lab File: BF092899.D
Acq: 10 Feb 2017 22:39

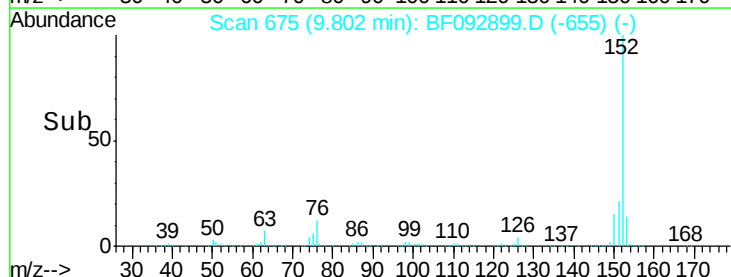
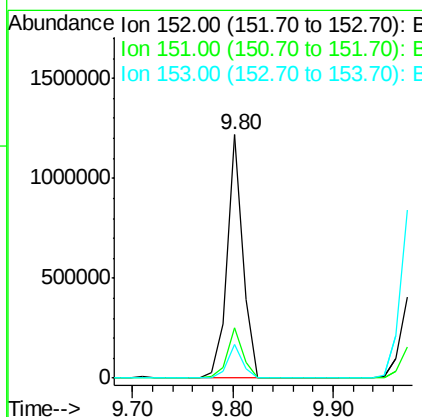
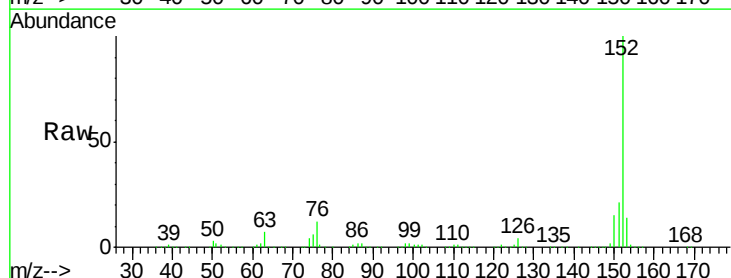
Instrument :
BNA_F
ClientSampleId :
9717MSD

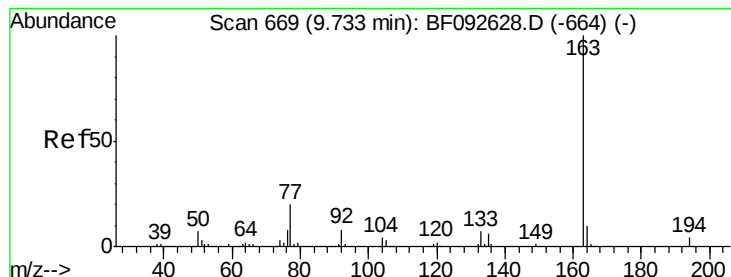
Tgt Ion: 65 Resp: 297519
Ion Ratio Lower Upper
65 100
92 76.8 53.9 80.9
138 139.2 76.8 115.2#



#48
Acenaphthylene
Concen: 37.66 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.07 min
Lab File: BF092899.D
Acq: 10 Feb 2017 22:39

Tgt Ion: 152 Resp: 1318341
Ion Ratio Lower Upper
152 100
151 20.8 16.9 25.3
153 13.7 11.4 17.2





#49

Dimethylphthalate

Concen: 44.43 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.07 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

Instrument :

BNA_F

ClientSampleId :

9717MSD

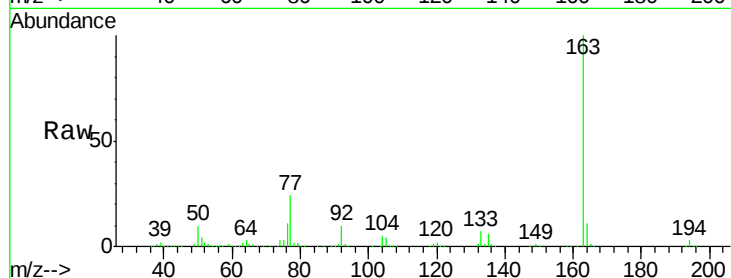
Tgt Ion:163 Resp: 1070788

Ion Ratio Lower Upper

163 100

194 3.3 3.0 4.4

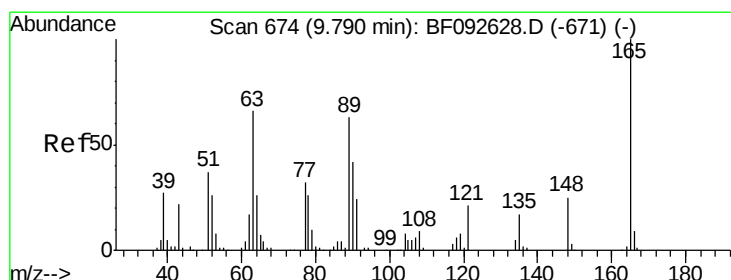
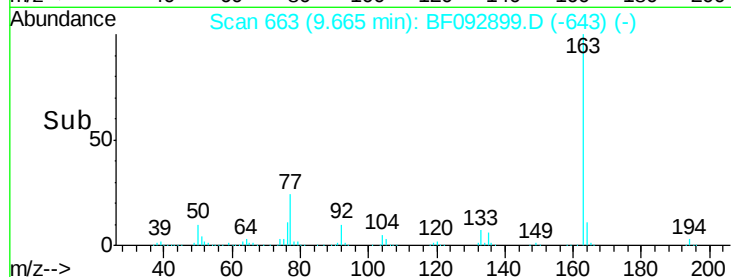
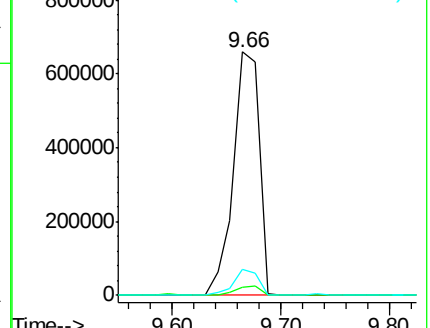
164 10.6 8.0 12.0



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: 47.42 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.06 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

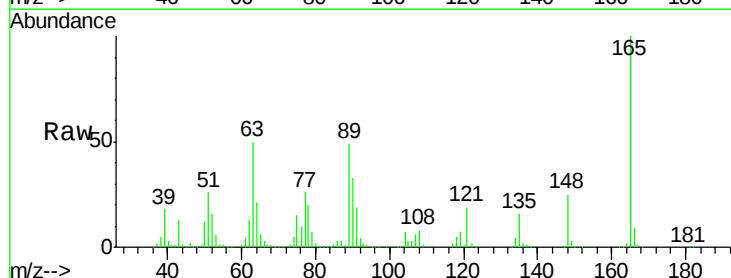
Tgt Ion:165 Resp: 246773

Ion Ratio Lower Upper

165 100

63 49.9 36.2 54.4

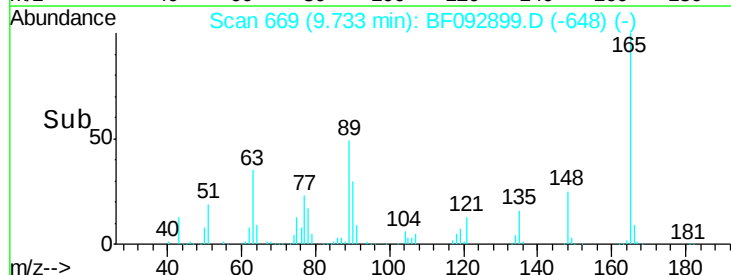
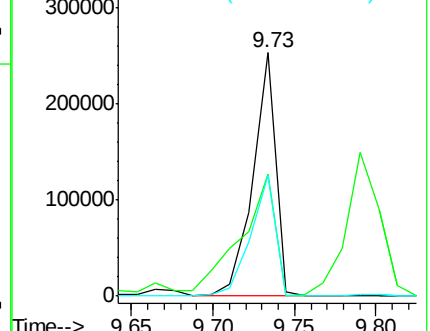
89 49.4 40.2 60.4

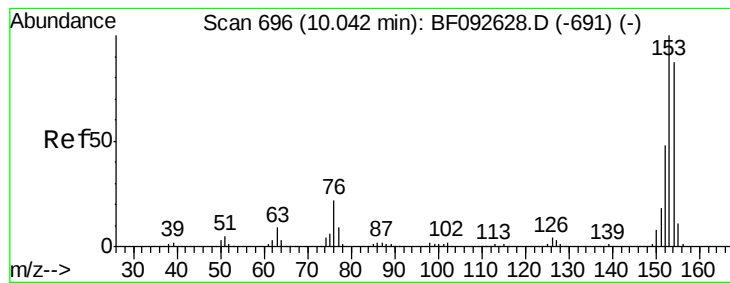


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.93 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.07 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

Instrument :

BNA_F

ClientSampleId :

9717MSD

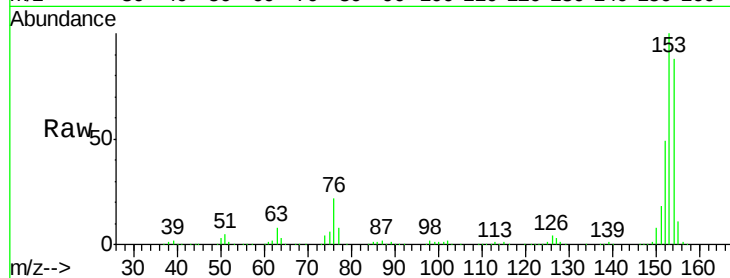
Tgt Ion:154 Resp: 856645

Ion Ratio Lower Upper

154 100

153 113.5 88.6 133.0

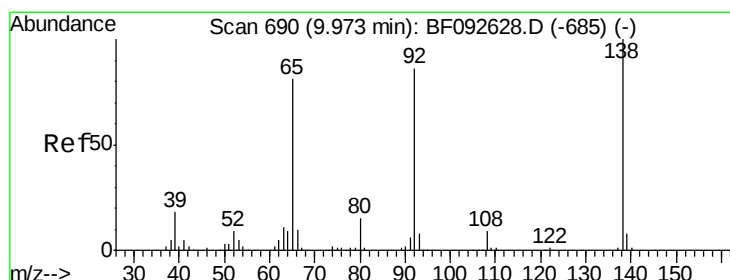
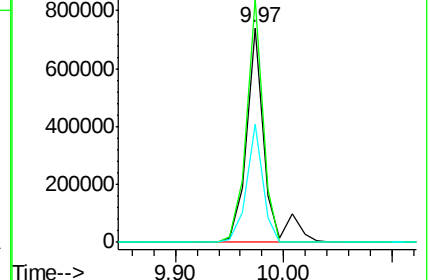
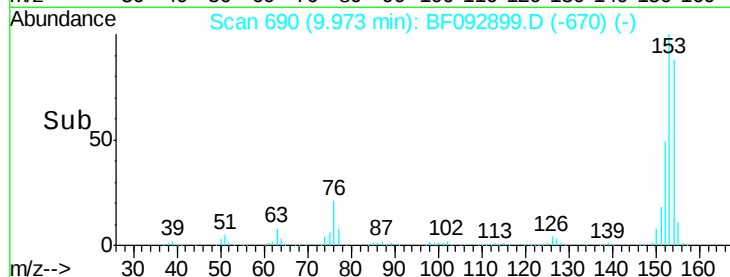
152 55.1 41.6 62.4



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: 14.98 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.08 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

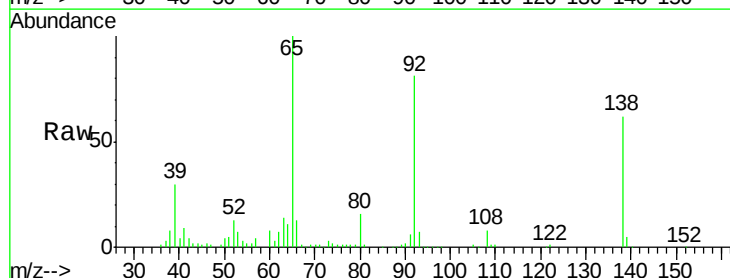
Tgt Ion:138 Resp: 89211

Ion Ratio Lower Upper

138 100

108 12.5 8.5 12.7

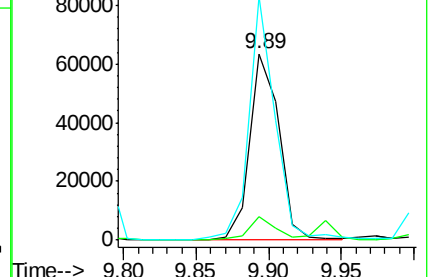
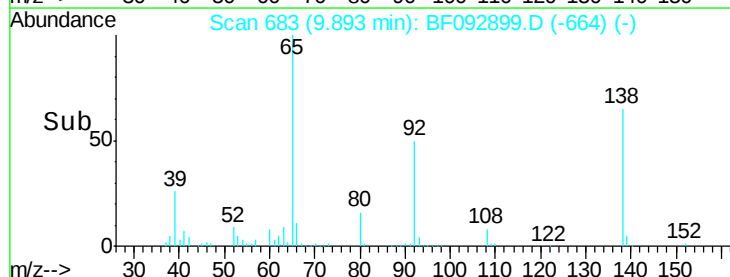
92 130.6 97.8 146.8

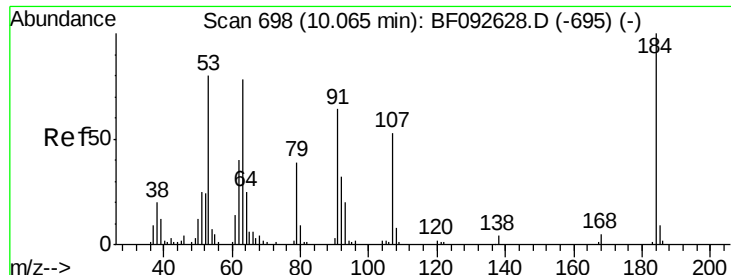


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

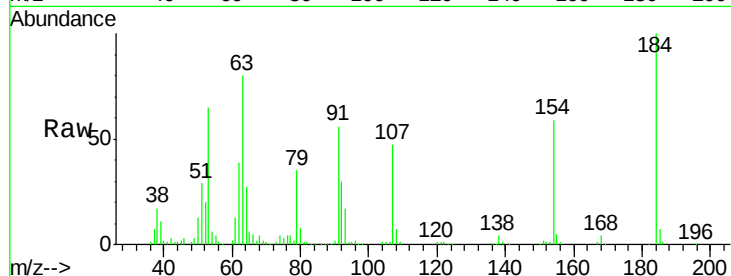




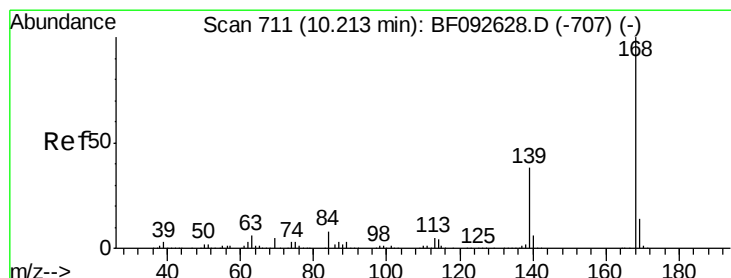
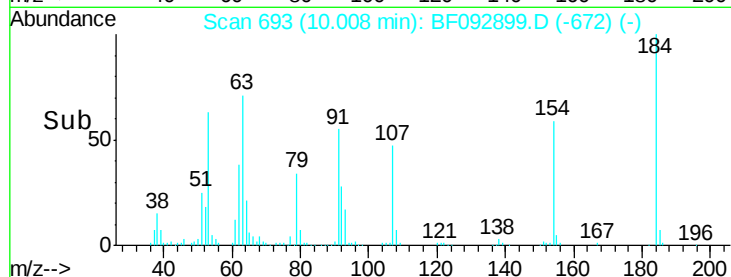
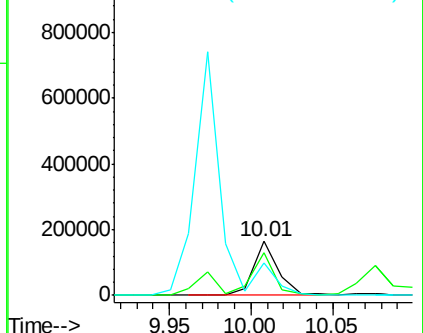
#53
2,4-Dinitrophenol
Concen: 65.93 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.06 min
Lab File: BF092899.D
Acq: 10 Feb 2017 22:39

Instrument :
BNA_F
ClientSampled :
9717MSD

Tgt Ion:184 Resp: 172206
Ion Ratio Lower Upper
184 100
63 79.6 28.4 42.6#
154 59.4 44.3 66.5

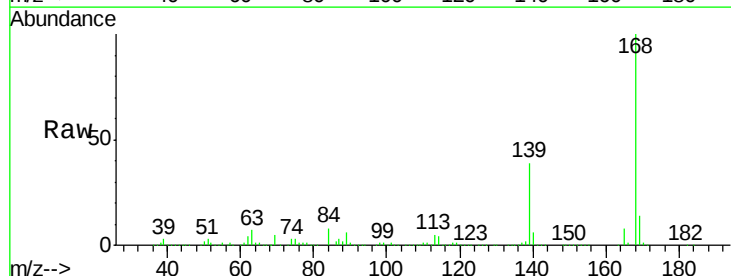


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

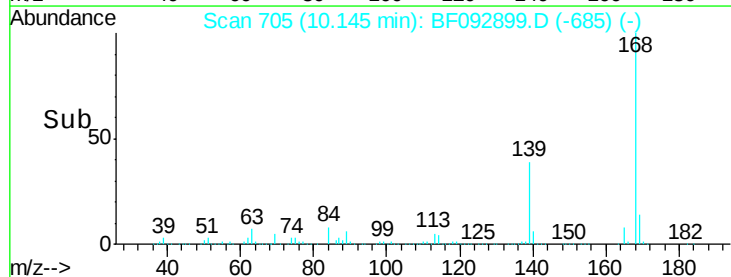
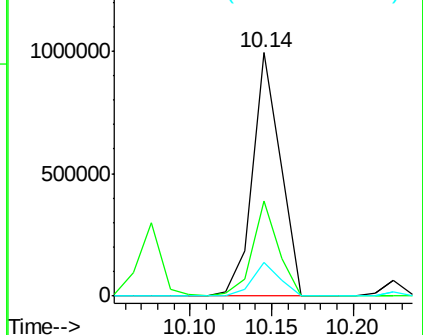


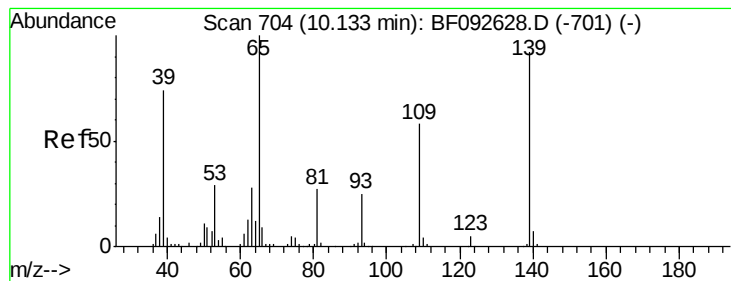
#54
Dibenzofuran
Concen: 42.13 ng
RT: 10.14 min Scan# 705
Delta R.T. -0.07 min
Lab File: BF092899.D
Acq: 10 Feb 2017 22:39

Tgt Ion:168 Resp: 1179546
Ion Ratio Lower Upper
168 100
139 39.1 32.6 49.0
169 13.8 11.3 16.9



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





#55

4-Nitrophenol

Concen: 70.05 ng

RT: 10.08 min Scan# 699

Delta R.T. -0.06 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

Instrument :

BNA_F

ClientSampleId :

9717MSD

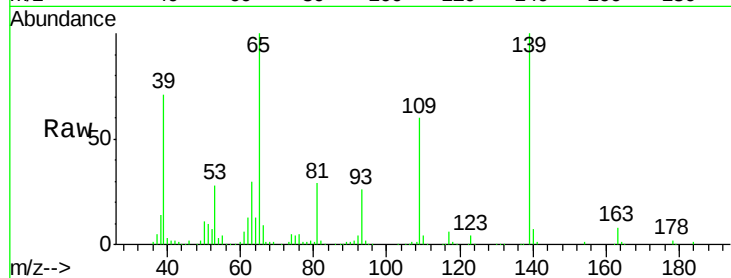
Tgt Ion:139 Resp: 300466

Ion Ratio Lower Upper

139 100

109 60.1 52.2 92.2

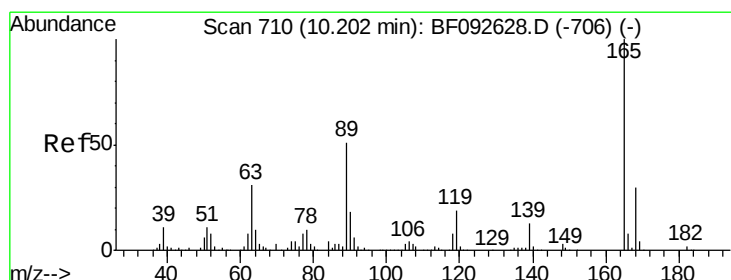
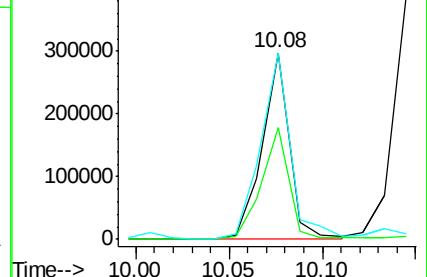
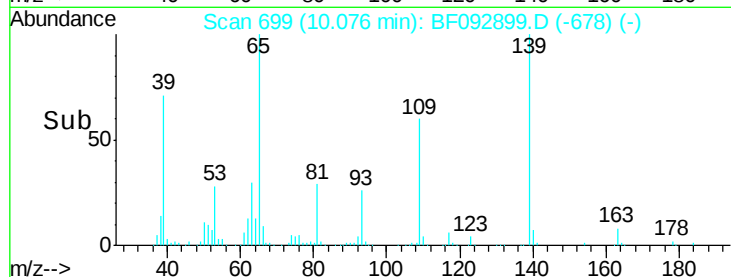
65 100.2 85.8 125.8



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: 39.68 ng

RT: 10.13 min Scan# 704

Delta R.T. -0.07 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

Tgt Ion:165 Resp: 274935

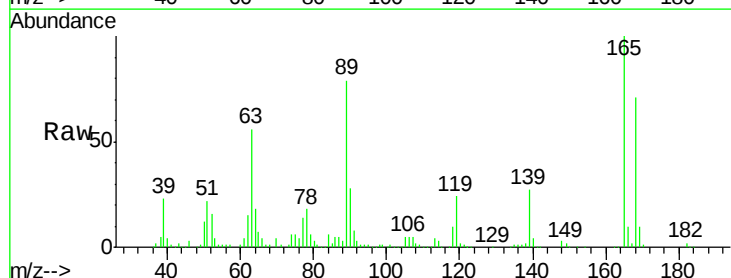
Ion Ratio Lower Upper

165 100

63 56.3 40.2 60.4

89 78.8 62.5 93.7

182 2.2 1.8 2.8

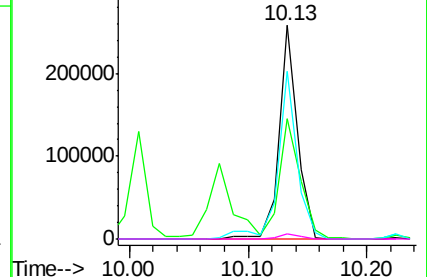
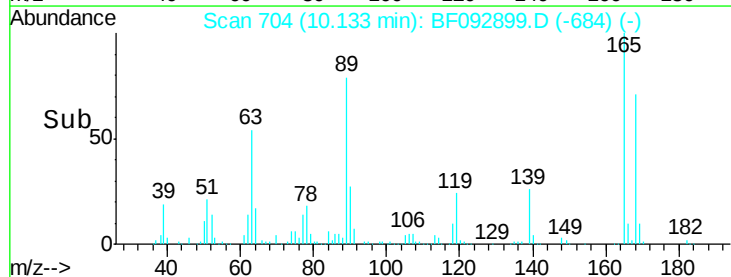


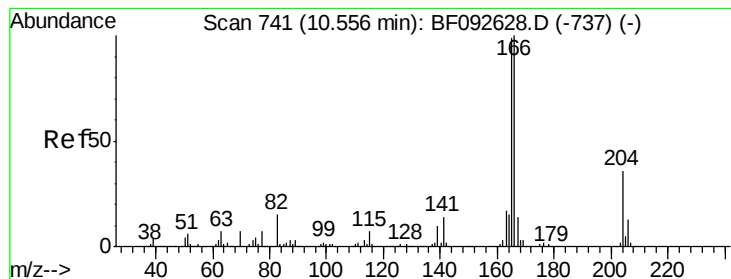
Abundance Ion 165.00 (164.70 to 165.70): E

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: 40.71 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.07 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

Instrument :

BNA_F

ClientSampleId :

9717MSD

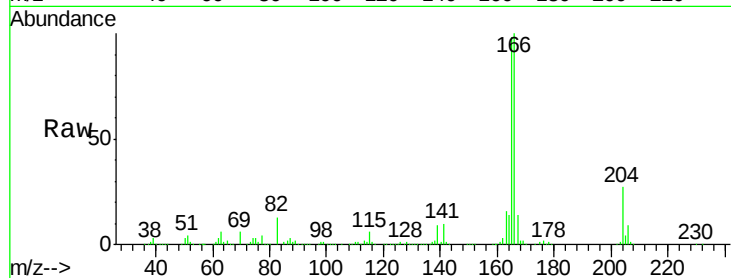
Tgt Ion:166 Resp: 876797

Ion Ratio Lower Upper

166 100

165 97.8 77.8 116.8

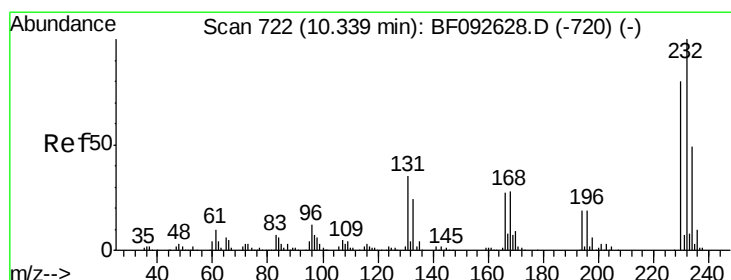
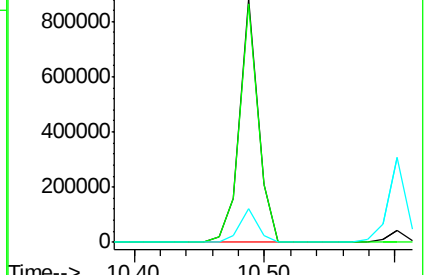
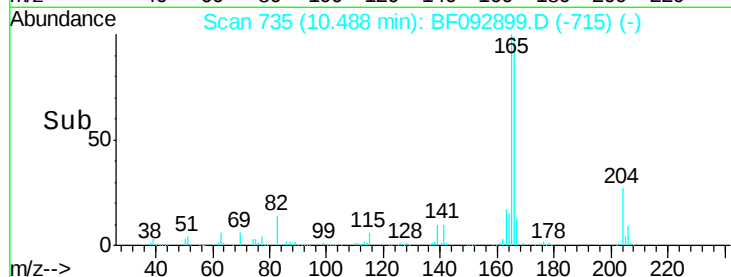
167 13.6 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.78 ng

RT: 10.27 min Scan# 716

Delta R.T. -0.07 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

Tgt Ion:232 Resp: 244938

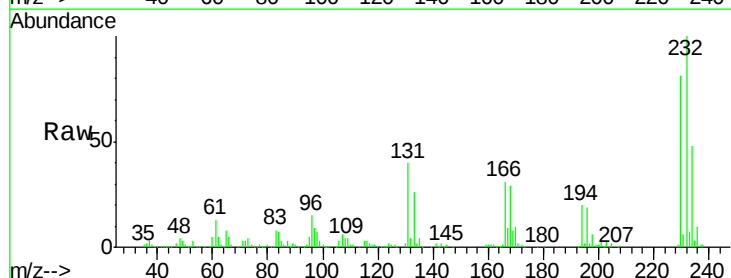
Ion Ratio Lower Upper

232 100

131 46.3 40.1 60.1

130 2.2 1.8 2.8

166 32.4 26.6 39.8

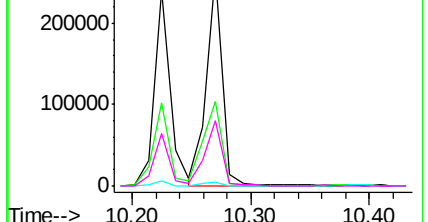
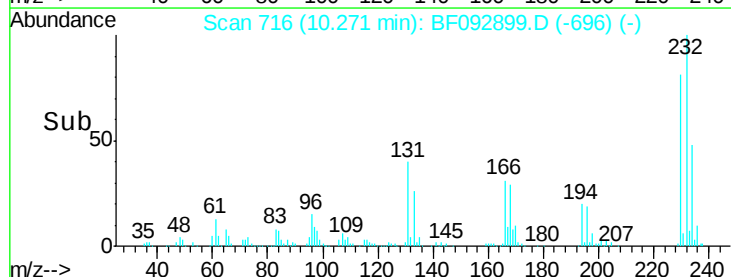


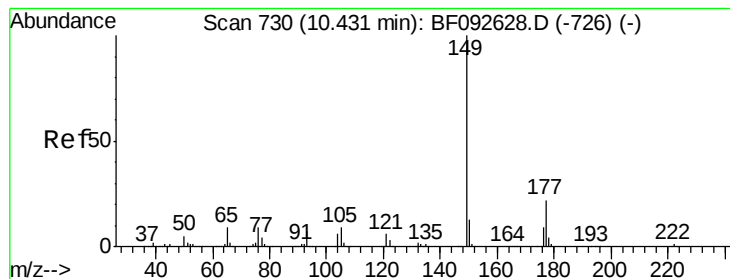
Abundance Ion 232.00 (231.70 to 232.70): E

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: 43.69 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.07 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

Instrument :

BNA_F

ClientSampled :

9717MSD

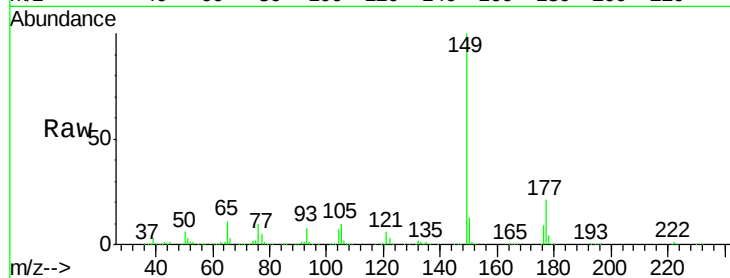
Tgt Ion:149 Resp: 992144

Ion Ratio Lower Upper

149 100

177 21.3 16.6 25.0

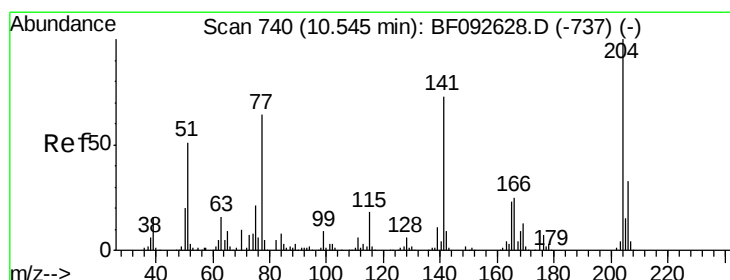
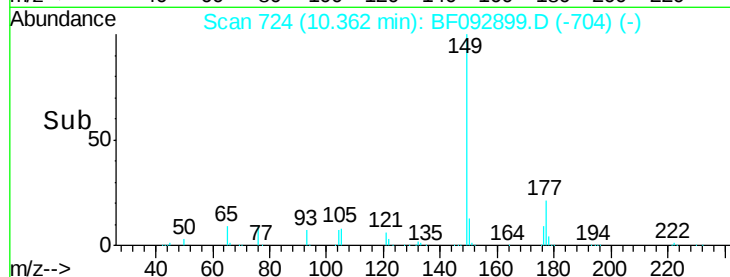
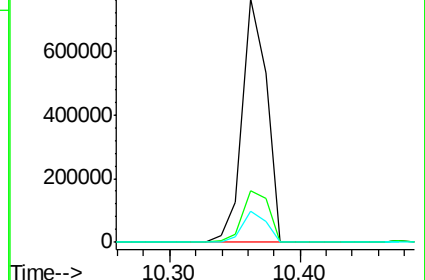
150 13.0 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.50 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.07 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

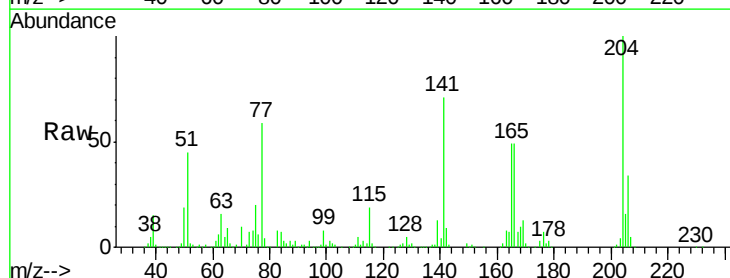
Tgt Ion:204 Resp: 408722

Ion Ratio Lower Upper

204 100

206 34.3 25.8 38.6

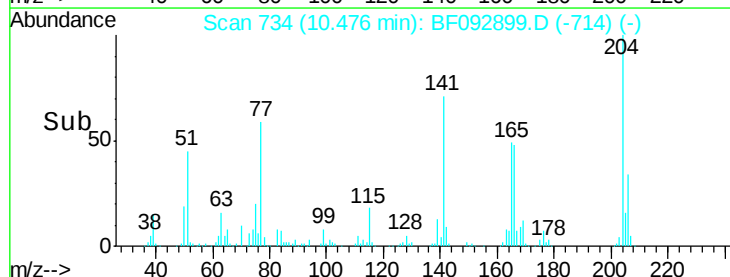
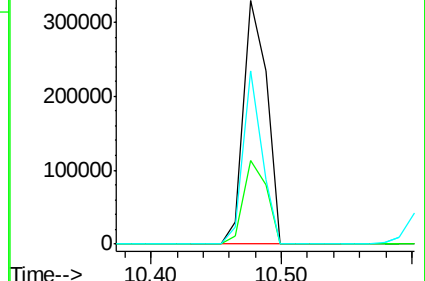
141 71.3 59.4 89.0

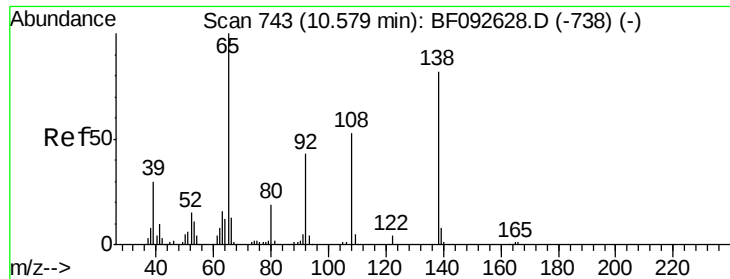


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

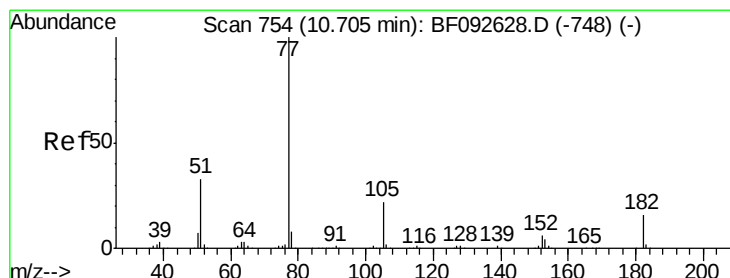
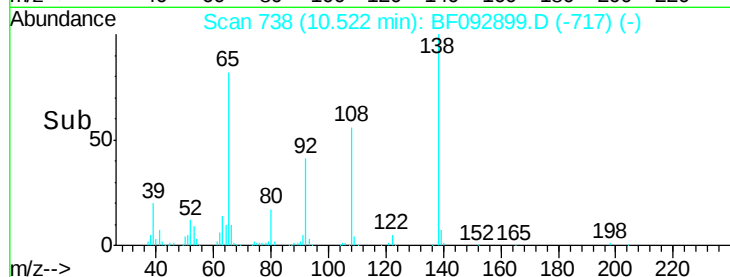
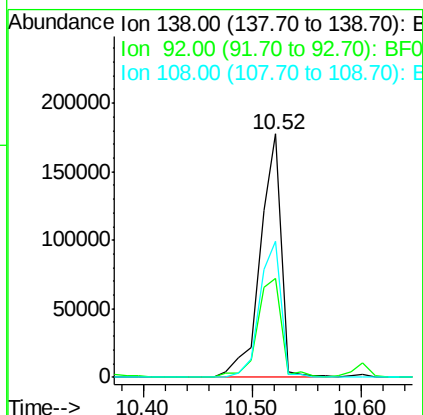
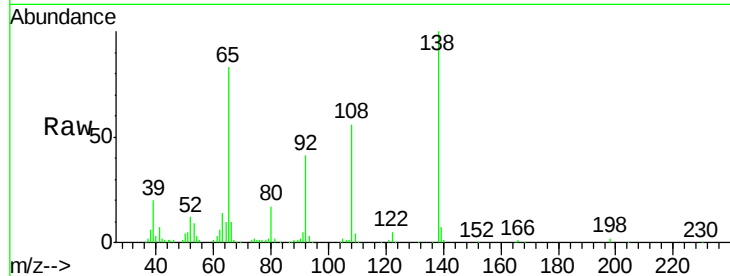




#61
4-Nitroaniline
Concen: 39.10 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.06 min
Lab File: BF092899.D
Acq: 10 Feb 2017 22:39

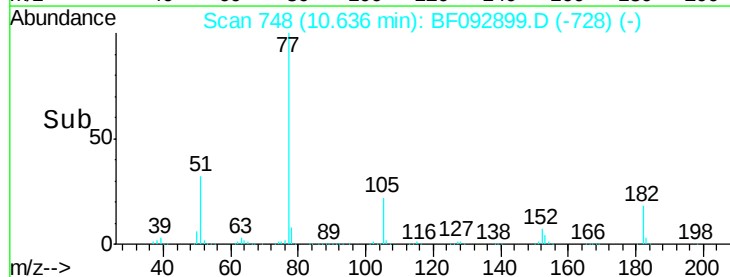
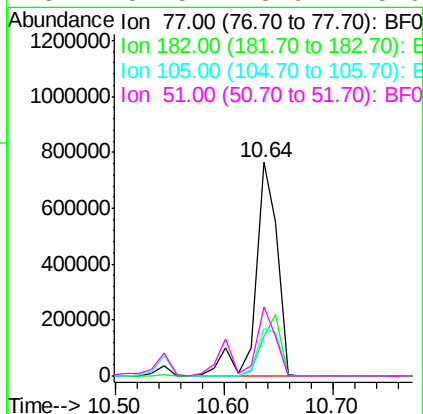
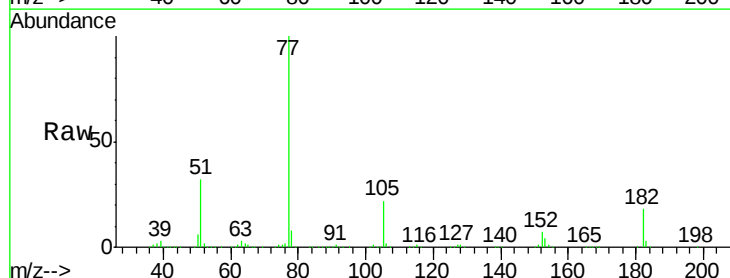
Instrument :
BNA_F
ClientSampleId :
9717MSD

Tgt Ion: 138 Resp: 238489
Ion Ratio Lower Upper
138 100
92 40.6 31.7 71.7
108 55.9 52.6 92.6



#62
Azobenzene
Concen: 45.65 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.07 min
Lab File: BF092899.D
Acq: 10 Feb 2017 22:39

Tgt Ion: 77 Resp: 1071013
Ion Ratio Lower Upper
77 100
182 18.3 0.0 39.3
105 22.2 2.3 42.3
51 32.5 8.9 48.9

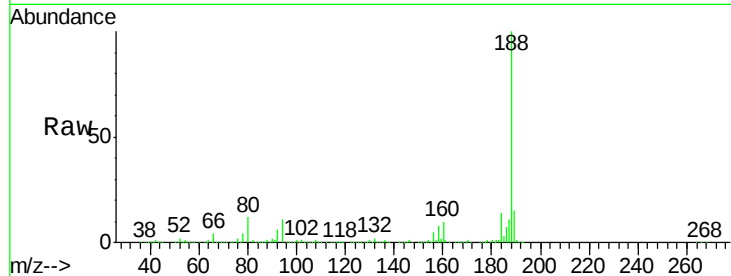




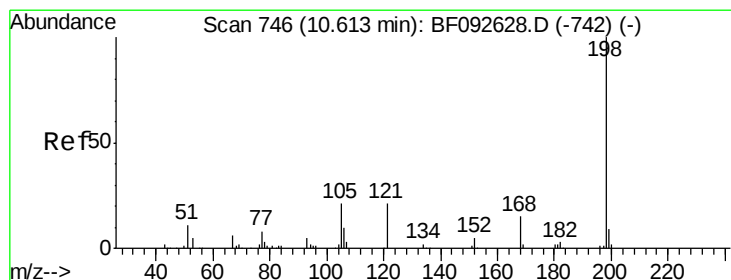
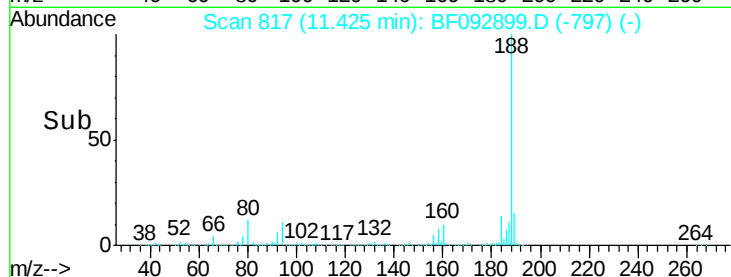
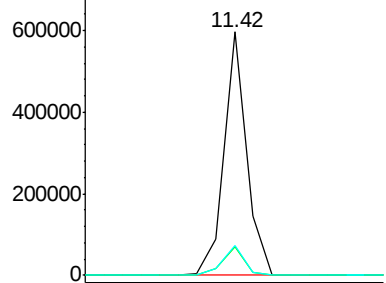
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. -0.07 min
Lab File: BF092899.D
Acq: 10 Feb 2017 22:39

Instrument :
BNA_F
ClientSampleId :
9717MSD

Tgt Ion:188 Resp: 576452
Ion Ratio Lower Upper
188 100
94 11.5 10.0 15.0
80 12.1 11.2 16.8

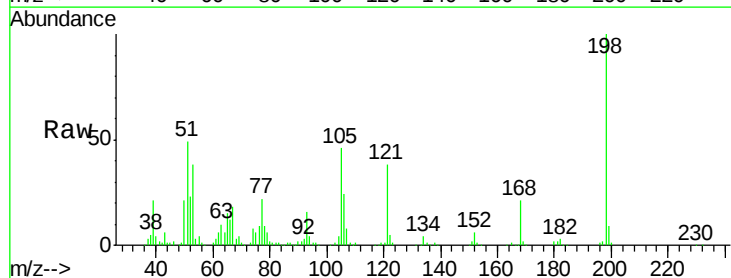


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

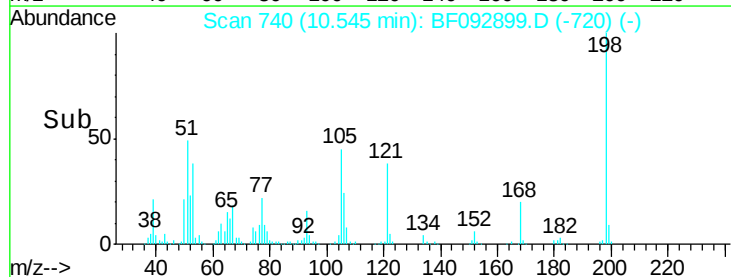
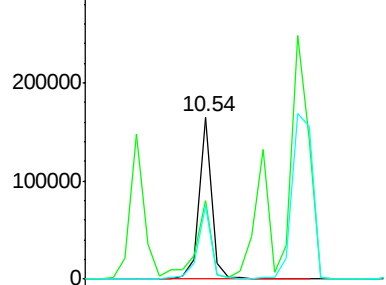


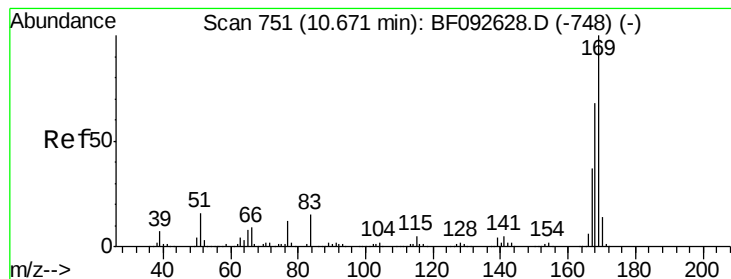
#64
4,6-Dinitro-2-methylphenol
Concen: 41.37 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.07 min
Lab File: BF092899.D
Acq: 10 Feb 2017 22:39

Tgt Ion:198 Resp: 143774
Ion Ratio Lower Upper
198 100
51 48.9 6.7 46.7#
105 45.6 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: 43.00 ng

RT: 10.60 min Scan# 745

Delta R.T. -0.07 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

Instrument :

BNA_F

ClientSampleId :

9717MSD

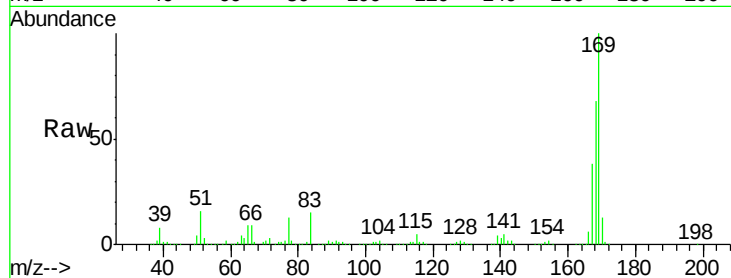
Tgt Ion:169 Resp: 791871

Ion Ratio Lower Upper

169 100

168 67.6 54.2 81.2

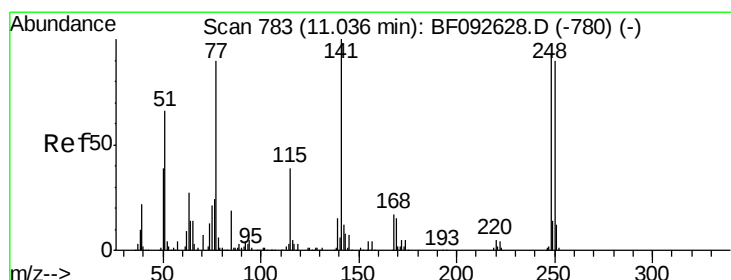
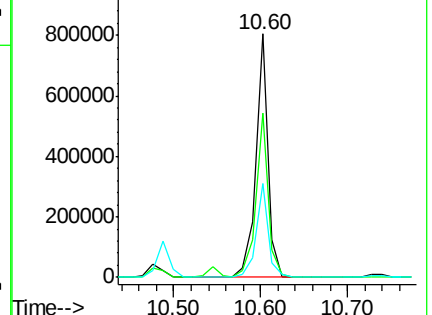
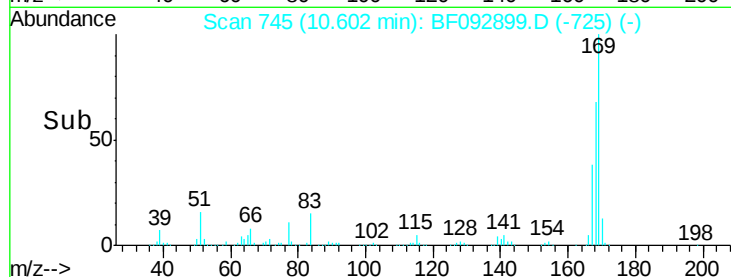
167 38.4 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.09 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.07 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

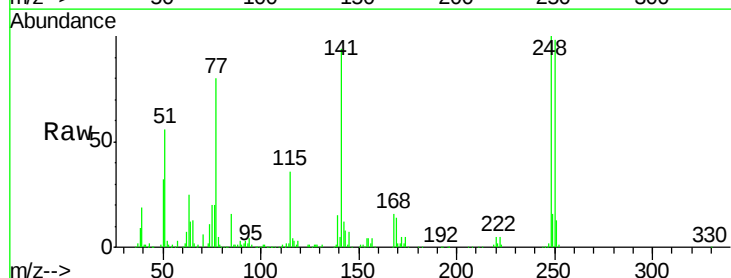
Tgt Ion:248 Resp: 247473

Ion Ratio Lower Upper

248 100

250 98.3 76.9 115.3

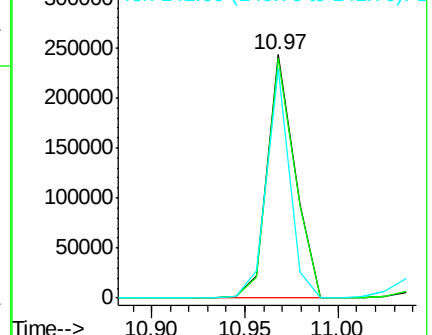
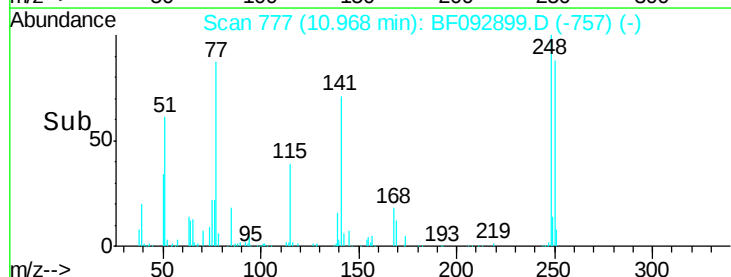
141 94.2 68.2 102.4



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

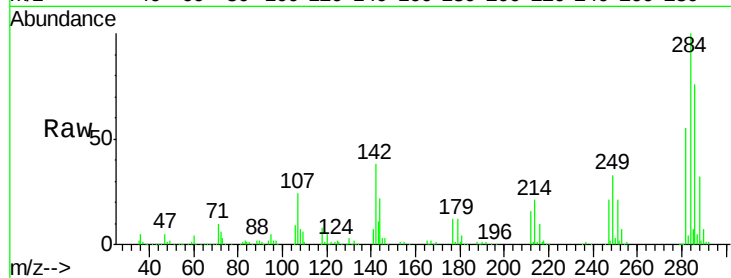




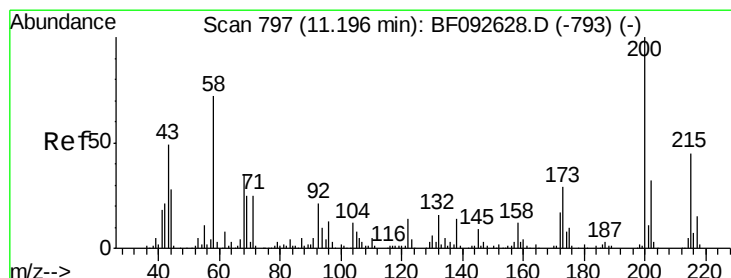
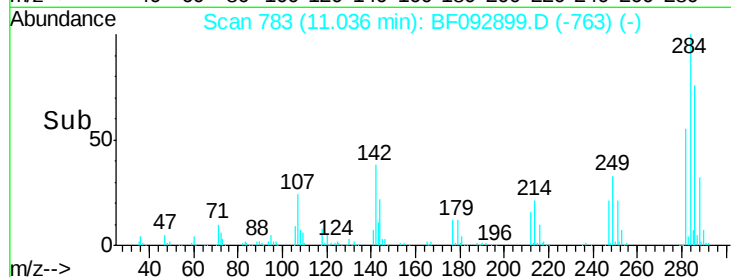
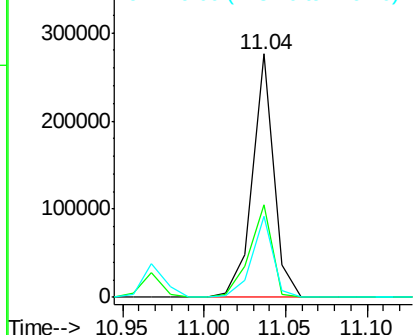
#67
Hexachlorobenzene
Concen: 42.13 ng
RT: 11.04 min Scan# 783
Delta R.T. -0.07 min
Lab File: BF092899.D
Acq: 10 Feb 2017 22:39

Instrument :
BNA_F
ClientSampleId :
9717MSD

Tgt Ion:284 Resp: 250711
Ion Ratio Lower Upper
284 100
142 38.1 22.6 33.8#
249 33.3 25.4 38.0

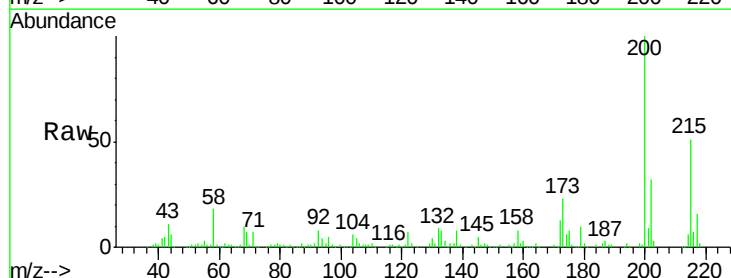


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

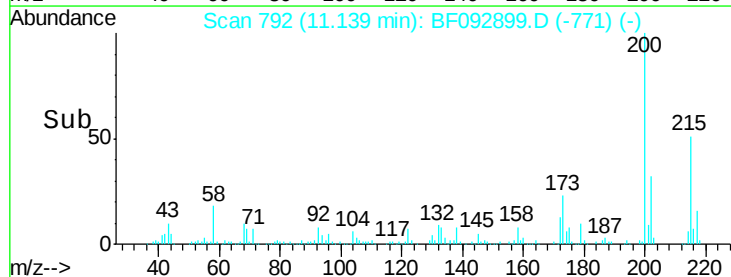
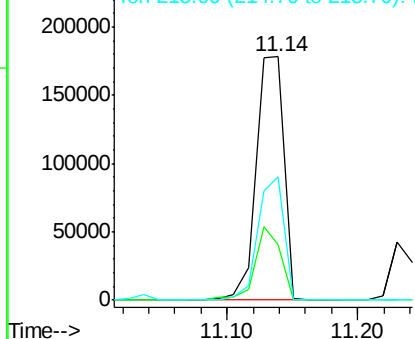


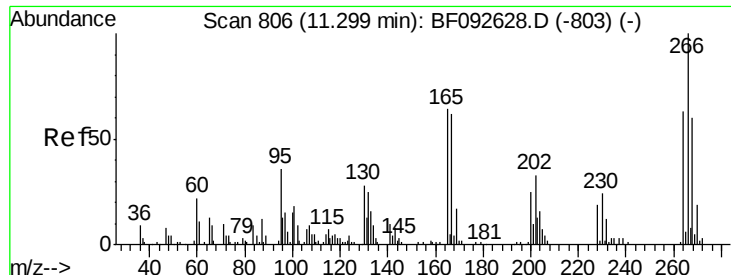
#68
Atrazine
Concen: 44.77 ng
RT: 11.14 min Scan# 792
Delta R.T. -0.06 min
Lab File: BF092899.D
Acq: 10 Feb 2017 22:39

Tgt Ion:200 Resp: 264542
Ion Ratio Lower Upper
200 100
173 22.8 9.6 49.6
215 50.8 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

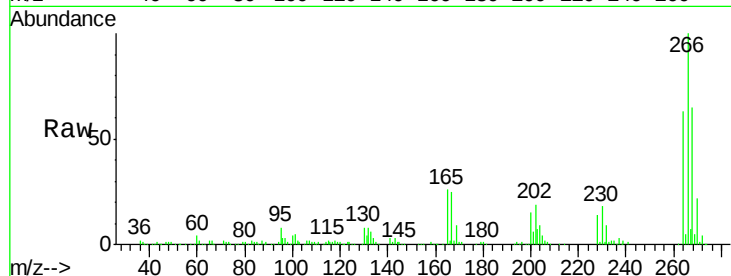




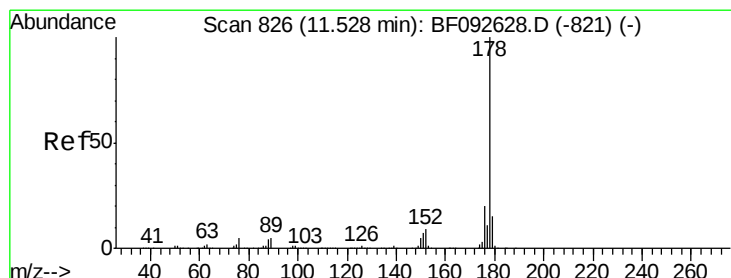
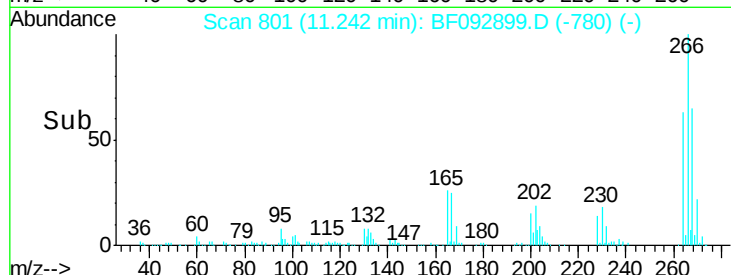
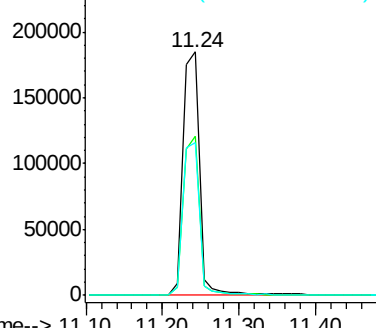
#69
 Pentachlorophenol
 Concen: 89.14 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.06 min
 Lab File: BF092899.D
 Acq: 10 Feb 2017 22:39

Instrument :
 BNA_F
 ClientSampleId :
 9717MSD

Tgt Ion:266 Resp: 276631
 Ion Ratio Lower Upper
 266 100
 268 65.5 53.3 79.9
 264 62.5 50.3 75.5

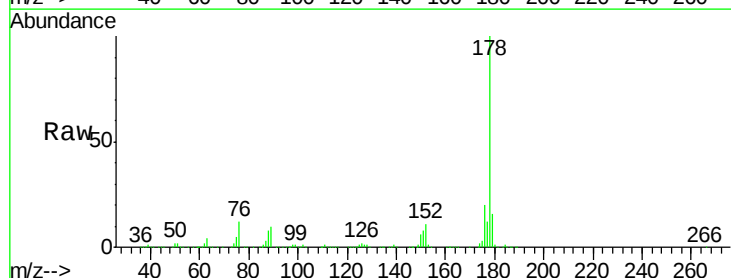


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

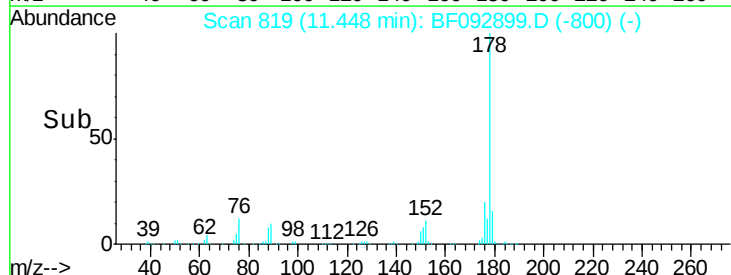
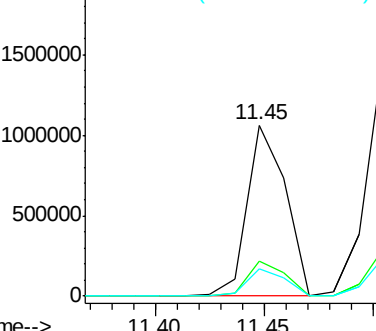


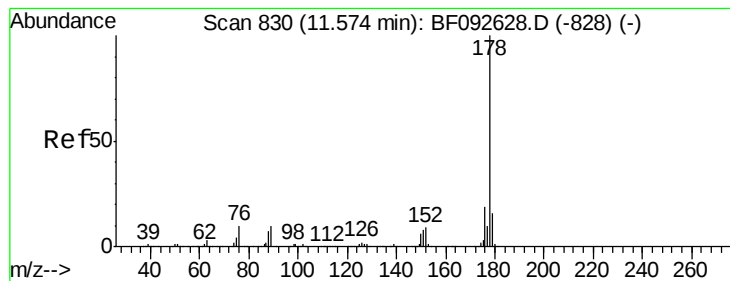
#70
 Phenanthrene
 Concen: 39.78 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.08 min
 Lab File: BF092899.D
 Acq: 10 Feb 2017 22:39

Tgt Ion:178 Resp: 1313649
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.6 25.0
 179 16.3 12.8 19.2



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





#71

Anthracene

Concen: 41.56 ng

RT: 11.50 min Scan# 824

Delta R.T. -0.07 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

Instrument :

BNA_F

ClientSampleId :

9717MSD

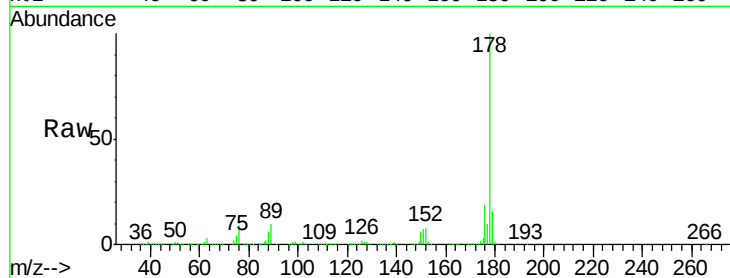
Tgt Ion:178 Resp: 1378406

Ion Ratio Lower Upper

178 100

176 19.4 15.9 23.9

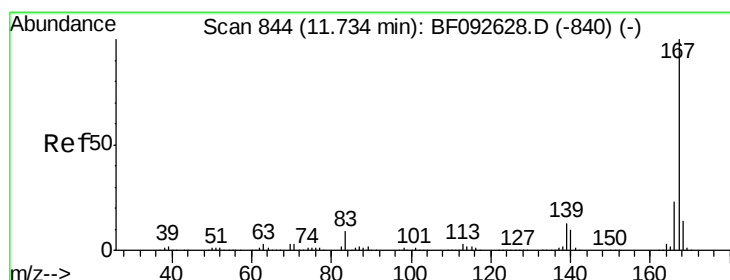
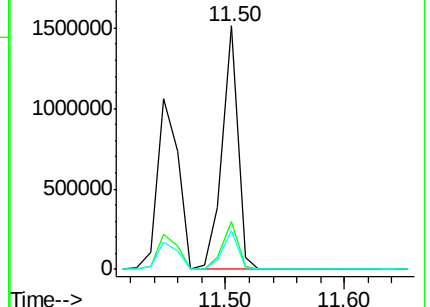
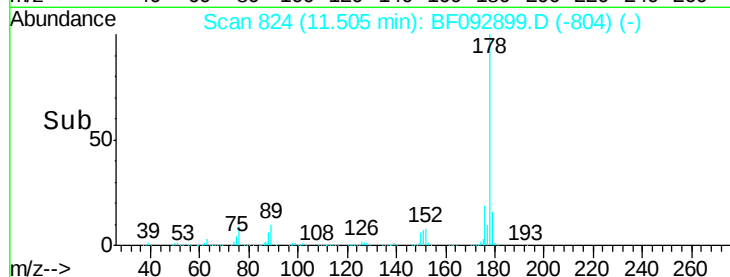
179 15.8 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 41.98 ng

RT: 11.66 min Scan# 838

Delta R.T. -0.07 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

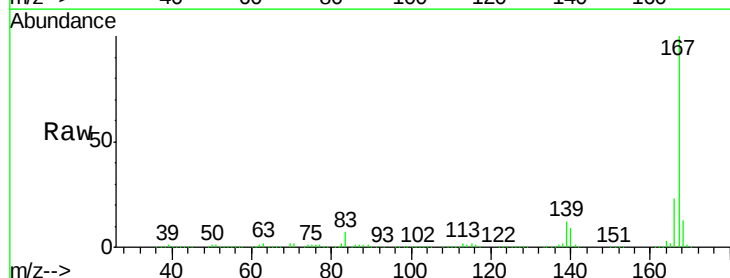
Tgt Ion:167 Resp: 1330762

Ion Ratio Lower Upper

167 100

166 22.7 18.2 27.2

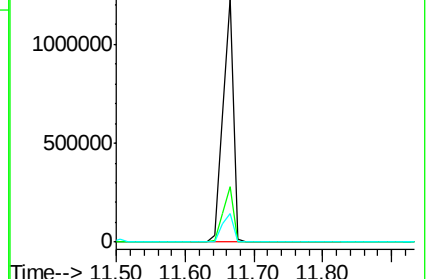
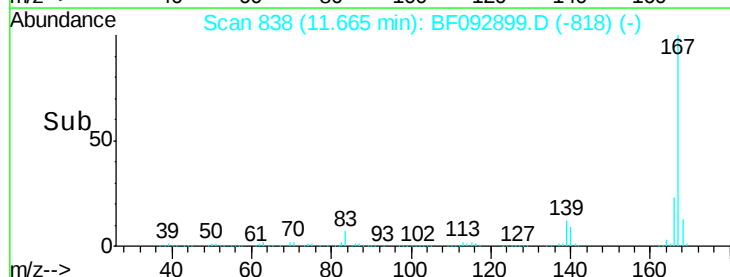
139 12.0 11.4 17.2

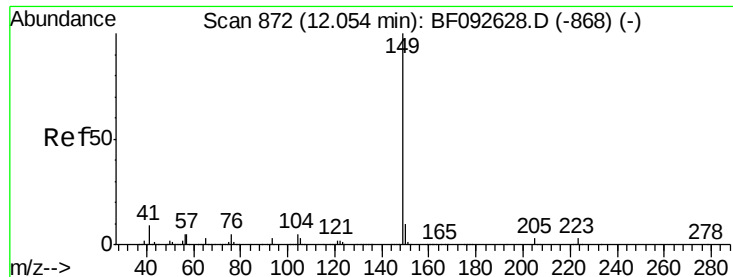


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.13 ng

RT: 11.98 min Scan# 866

Delta R.T. -0.07 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

Instrument :

BNA_F

ClientSampleId :

9717MSD

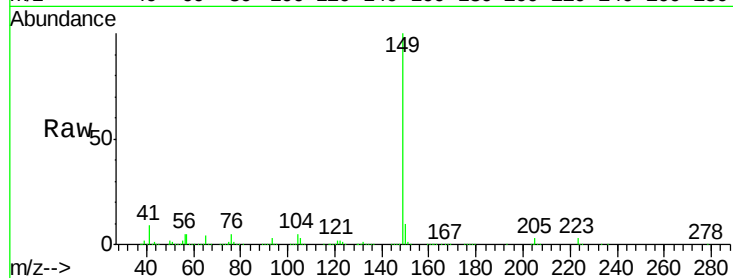
Tgt Ion:149 Resp: 1478657

Ion Ratio Lower Upper

149 100

150 9.7 8.1 12.1

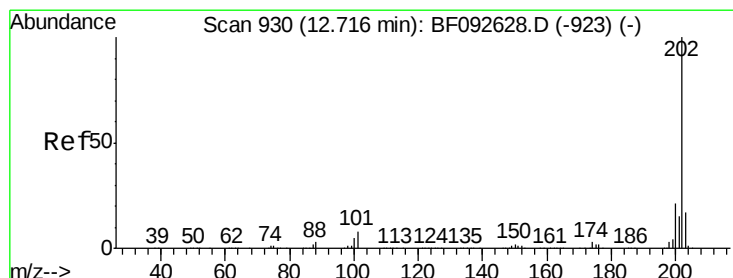
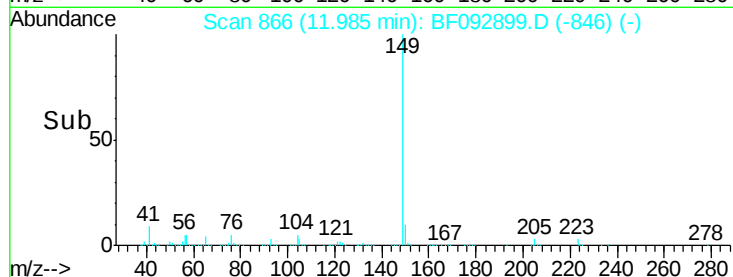
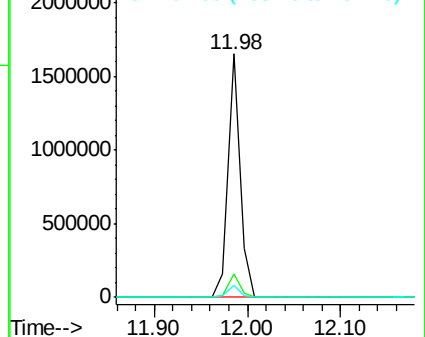
104 4.7 4.6 7.0



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: 37.48 ng

RT: 12.64 min Scan# 923

Delta R.T. -0.08 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

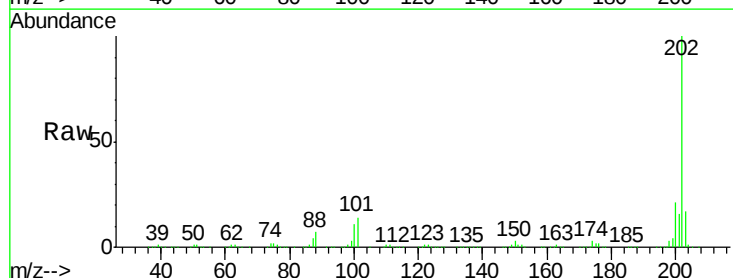
Tgt Ion:202 Resp: 1276722

Ion Ratio Lower Upper

202 100

101 14.0 0.0 34.6

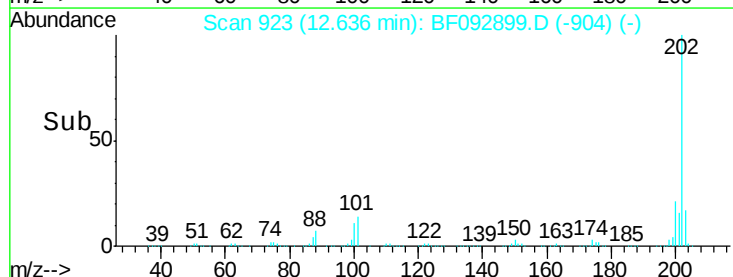
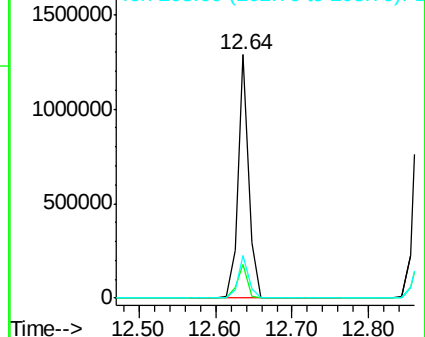
203 17.4 0.0 38.7

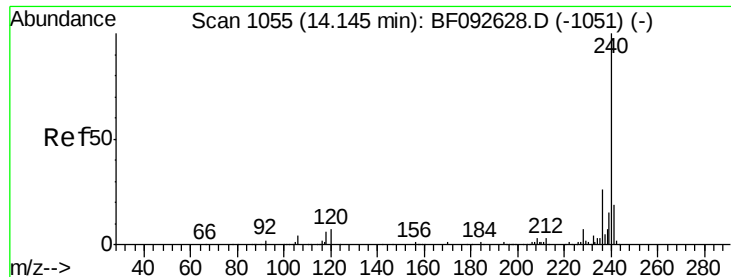


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1048

Delta R.T. -0.08 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

Instrument :

BNA_F

ClientSampleId :

9717MSD

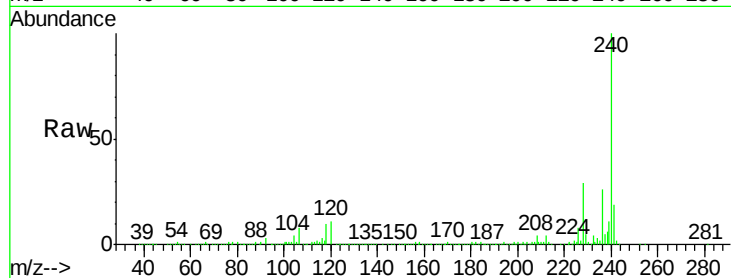
Tgt Ion:240 Resp: 476173

Ion Ratio Lower Upper

240 100

120 11.2 12.9 19.3#

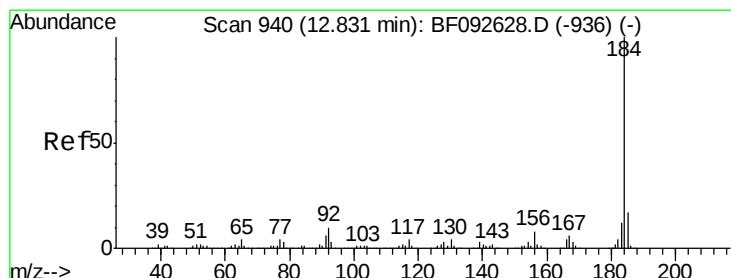
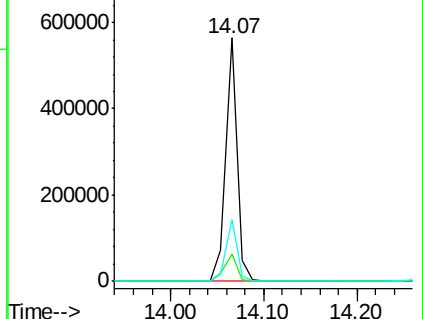
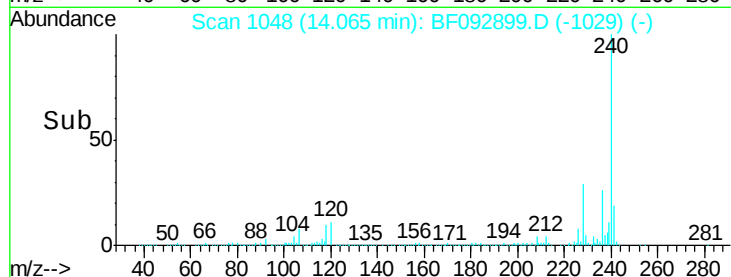
236 25.6 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 15.18 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.07 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

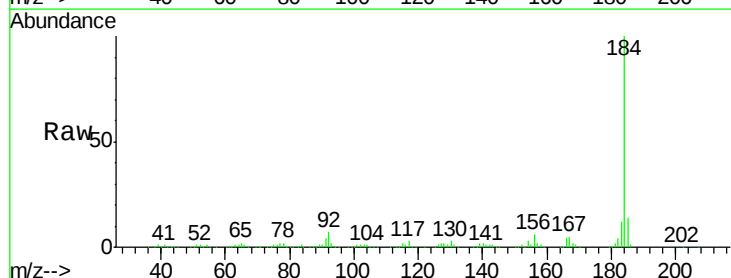
Tgt Ion:184 Resp: 308002

Ion Ratio Lower Upper

184 100

185 14.2 13.4 20.0

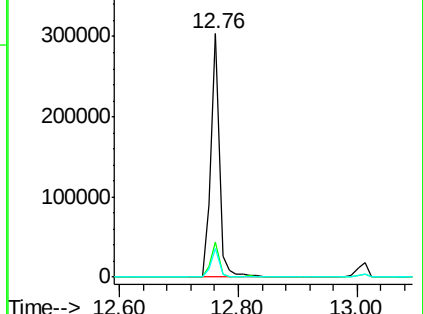
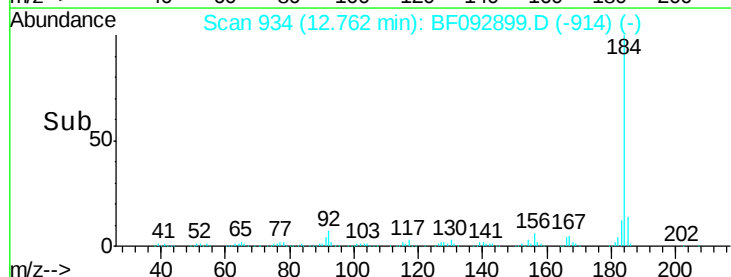
183 11.9 9.2 13.8

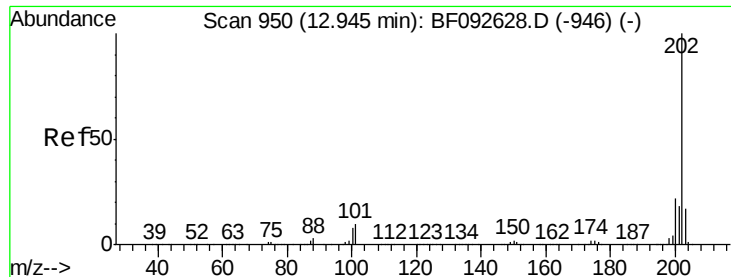


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

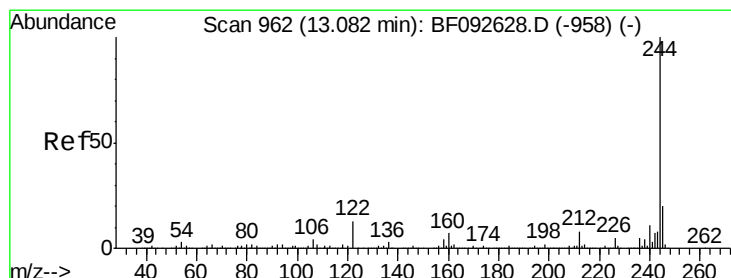
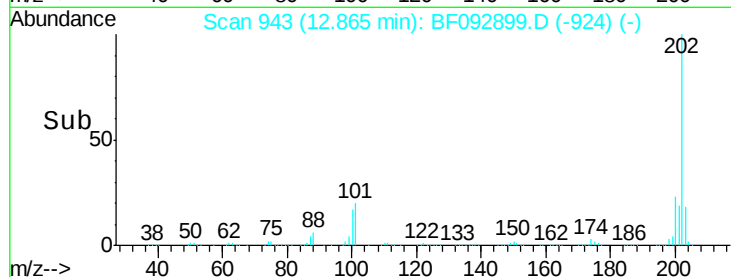
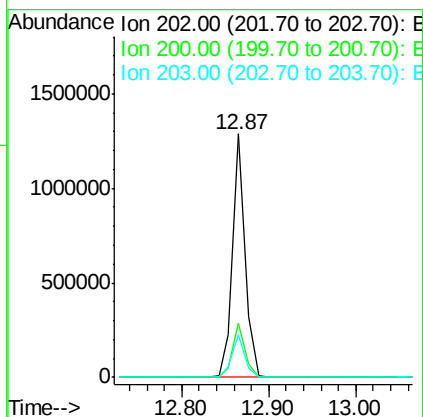
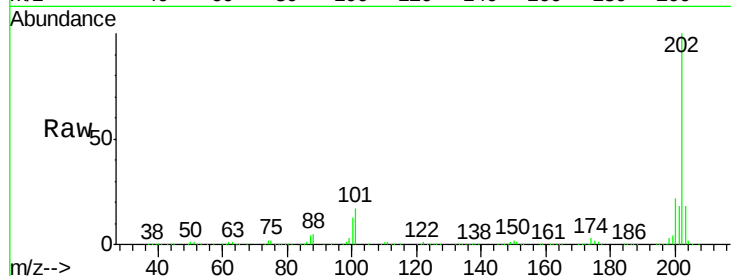




#77
 Pyrene
 Concen: 35.68 ng
 RT: 12.87 min Scan# 943
 Delta R.T. -0.08 min
 Lab File: BF092899.D
 Acq: 10 Feb 2017 22:39

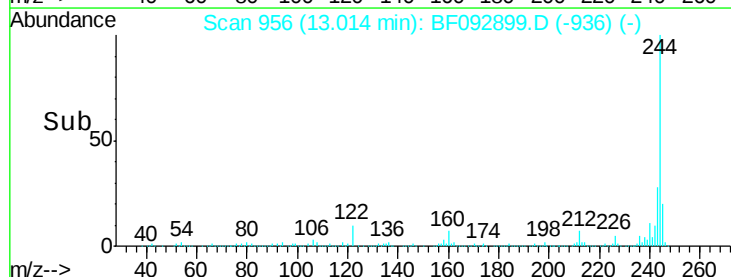
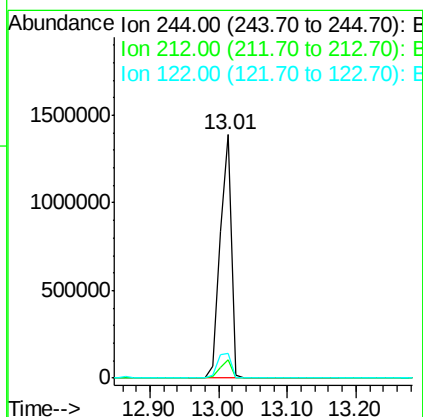
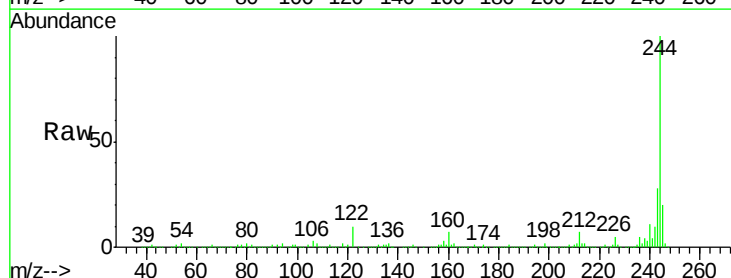
Instrument :
 BNA_F
 ClientSampleId :
 9717MSD

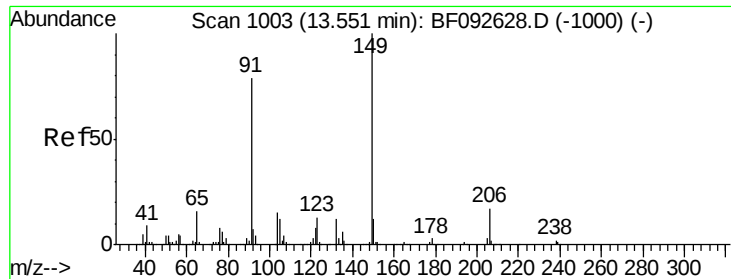
Tgt Ion: 202 Resp: 1271327
 Ion Ratio Lower Upper
 202 100
 200 22.3 17.7 26.5
 203 17.6 14.7 22.1



#78
 Terphenyl-d14
 Concen: 78.90 ng
 RT: 13.01 min Scan# 956
 Delta R.T. -0.07 min
 Lab File: BF092899.D
 Acq: 10 Feb 2017 22:39

Tgt Ion: 244 Resp: 1598922
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 10.3 11.4 17.2#





#79

Butylbenzylphthalate

Concen: 43.12 ng

RT: 13.48 min Scan# 997

Delta R.T. -0.07 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

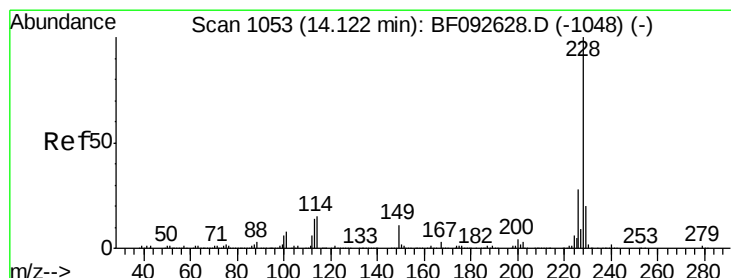
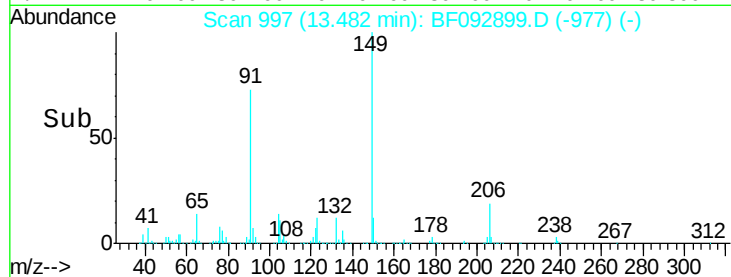
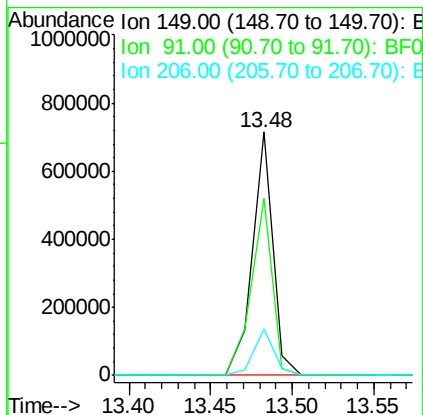
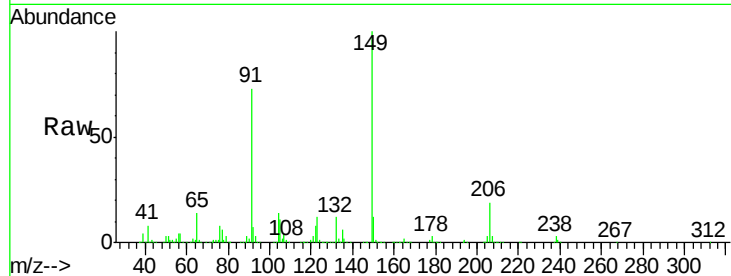
Instrument :

BNA_F

ClientSampleId :

9717MSD

Tgt Ion:	149	Resp:	623956
Ion	Ratio	Lower	Upper
149	100		
91	72.9	63.9	95.9
206	19.3	14.6	21.8



#80

Benzo(a)anthracene

Concen: 38.24 ng

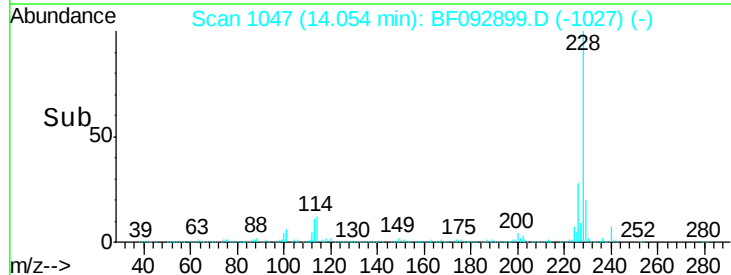
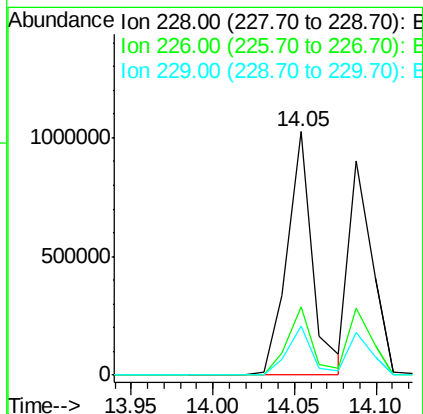
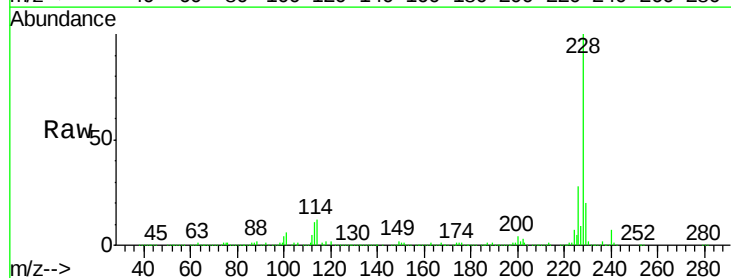
RT: 14.05 min Scan# 1047

Delta R.T. -0.07 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

Tgt Ion:	228	Resp:	1113642
Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.4	33.6
229	20.2	16.2	24.4

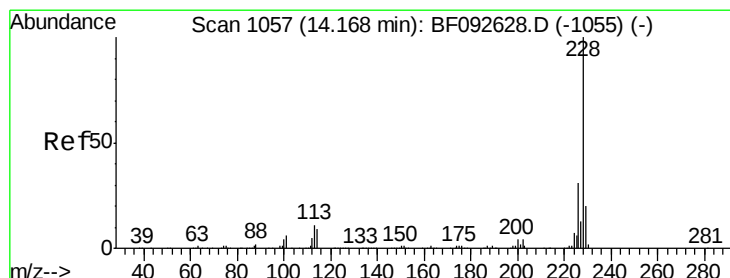
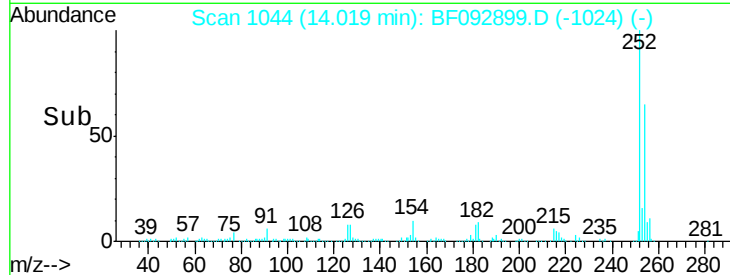
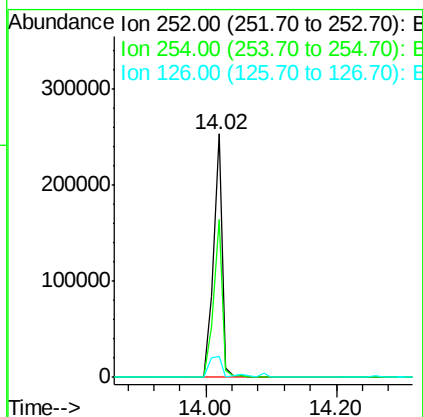
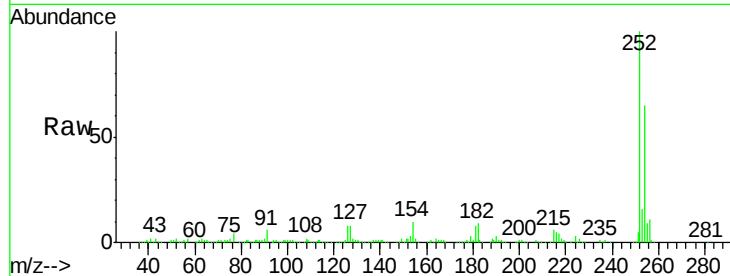




#81
 3,3'-Dichlorobenzidine
 Concen: 23.67 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.07 min
 Lab File: BF092899.D
 Acq: 10 Feb 2017 22:39

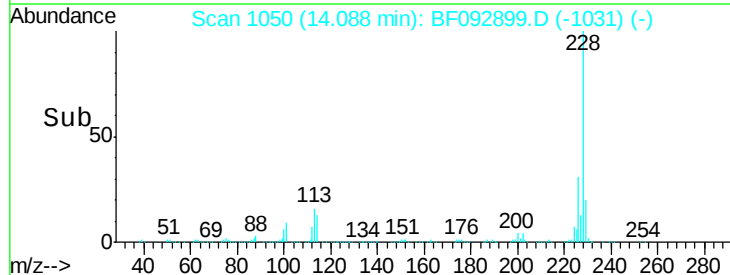
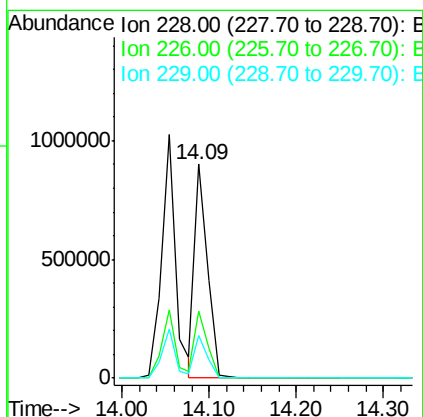
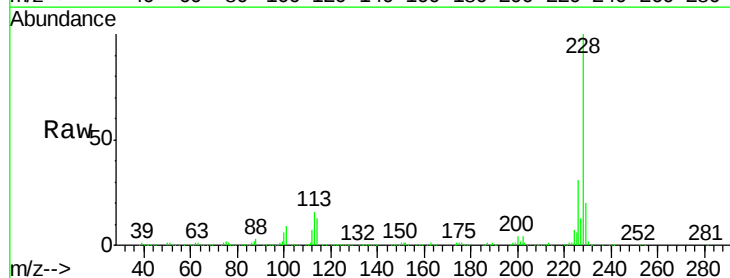
Instrument :
 BNA_F
 ClientSampleId :
 9717MSD

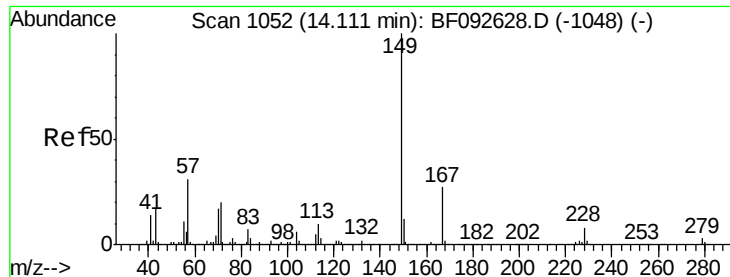
Tgt Ion:252 Resp: 245727
 Ion Ratio Lower Upper
 252 100
 254 64.7 52.3 78.5
 126 8.4 13.6 20.4#



#82
 Chrysene
 Concen: 33.73 ng
 RT: 14.09 min Scan# 1050
 Delta R.T. -0.08 min
 Lab File: BF092899.D
 Acq: 10 Feb 2017 22:39

Tgt Ion:228 Resp: 919835
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.4 38.0
 229 19.8 16.2 24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.02 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.07 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

Instrument :

BNA_F

ClientSampleId :

9717MSD

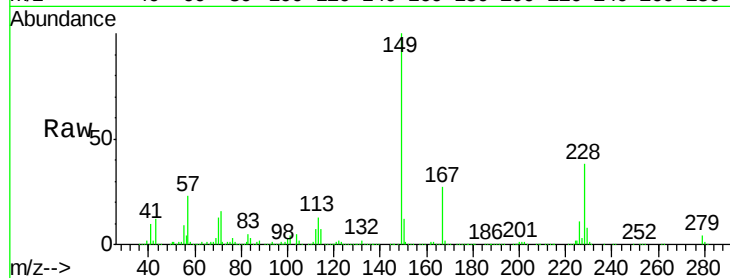
Tgt Ion:149 Resp: 910726

Ion Ratio Lower Upper

149 100

167 27.4 20.2 30.4

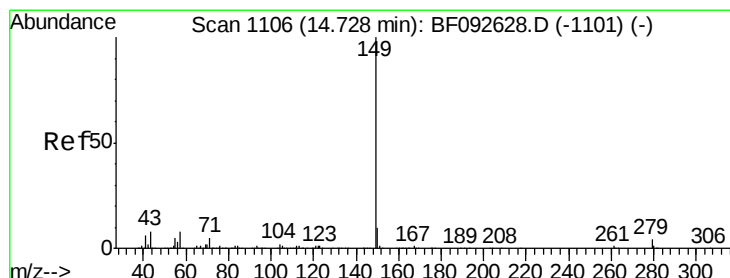
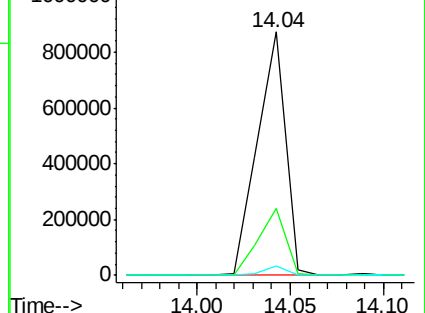
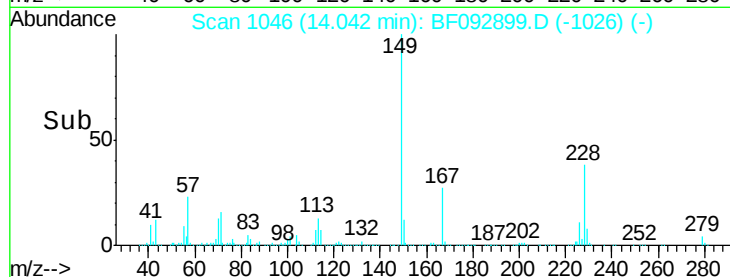
279 3.6 1.8 2.8#



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: 44.43 ng

RT: 14.65 min Scan# 1099

Delta R.T. -0.08 min

Lab File: BF092899.D

Acq: 10 Feb 2017 22:39

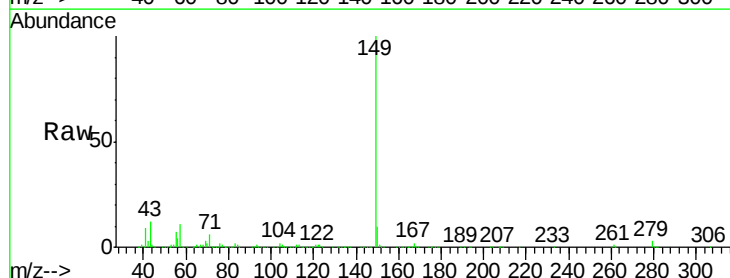
Tgt Ion:149 Resp: 1431818

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

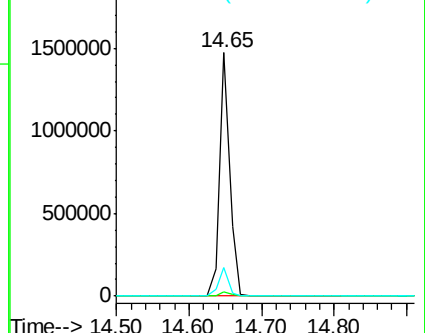
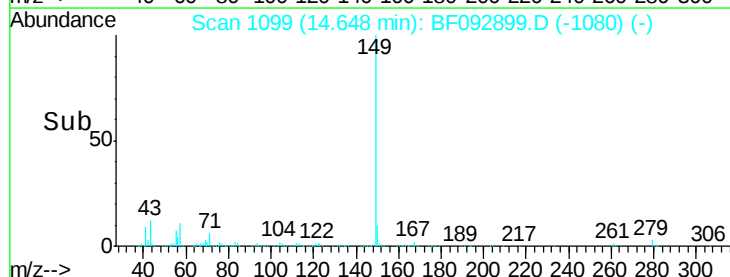
43 11.3 8.9 13.3

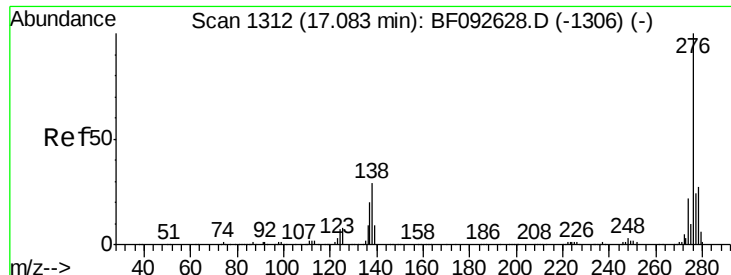


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

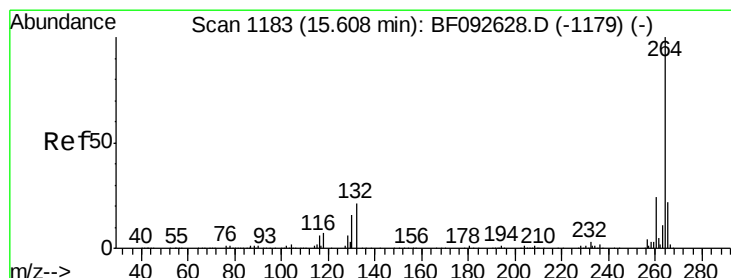
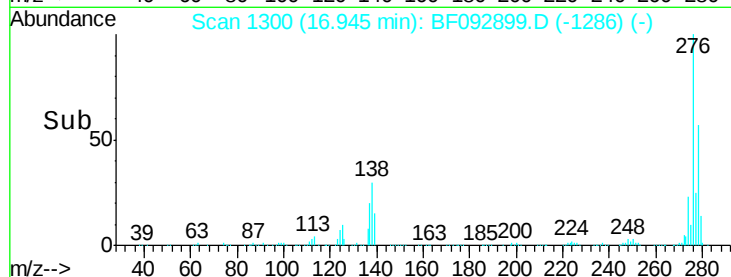
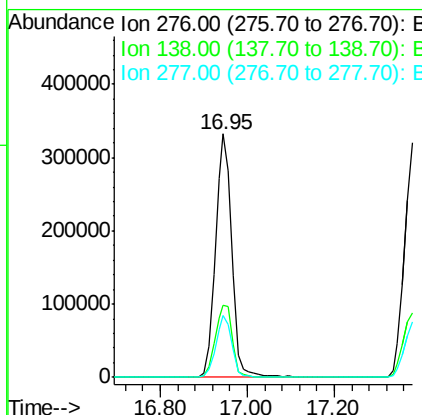
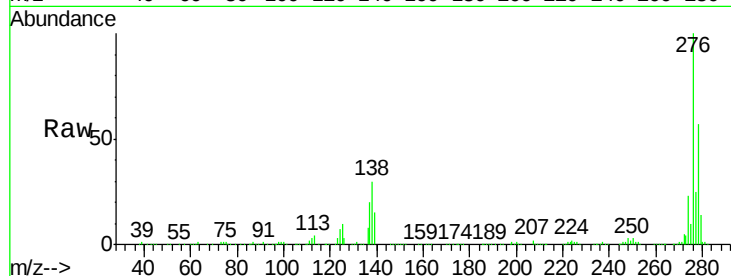




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.92 ng
 RT: 16.95 min Scan# 1300
 Delta R.T. -0.14 min
 Lab File: BF092899.D
 Acq: 10 Feb 2017 22:39

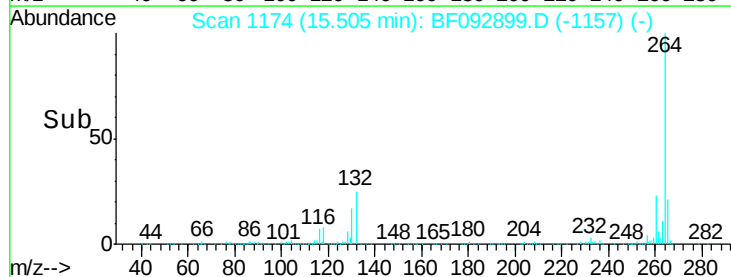
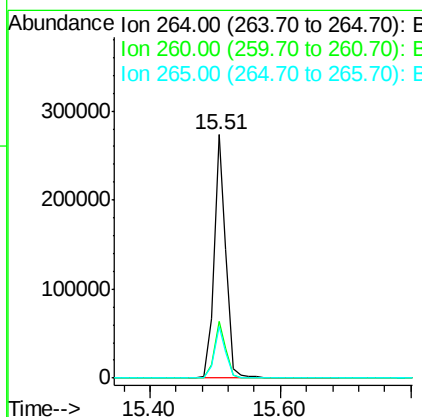
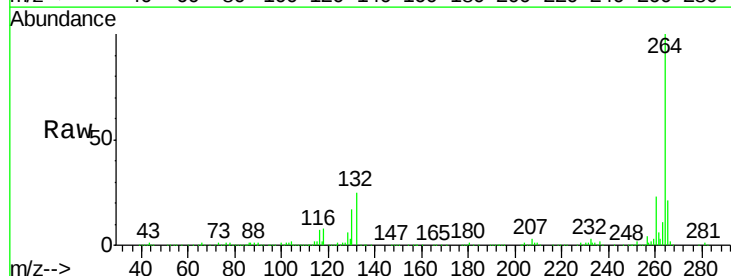
Instrument :
 BNA_F
 ClientSampleId :
 9717MSD

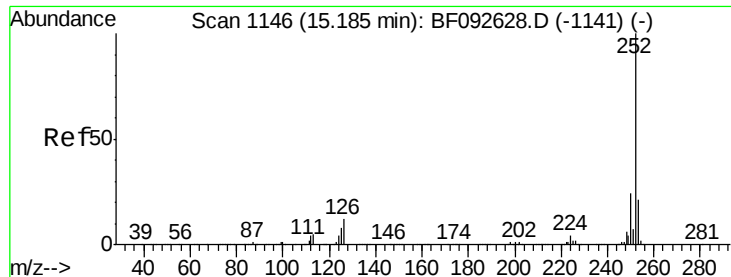
Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.5	21.8	32.6
277	25.0	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1174
 Delta R.T. -0.10 min
 Lab File: BF092899.D
 Acq: 10 Feb 2017 22:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.4	17.4	26.0

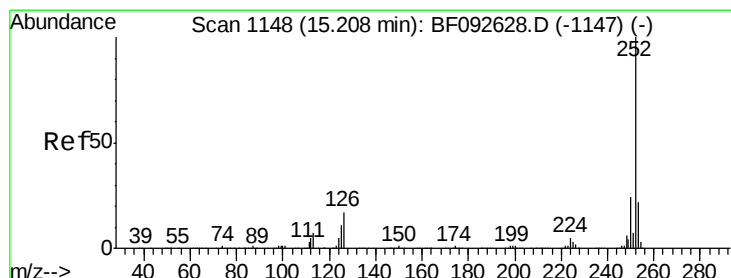
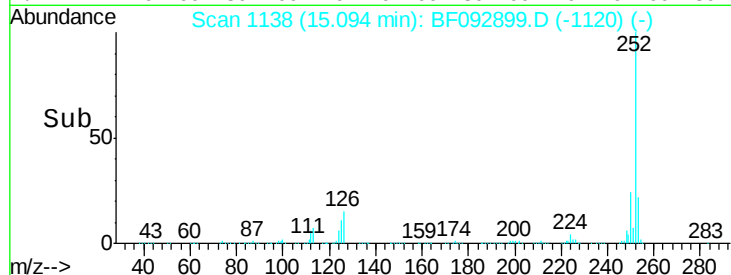
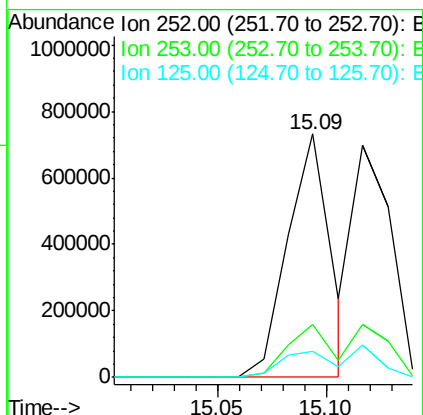
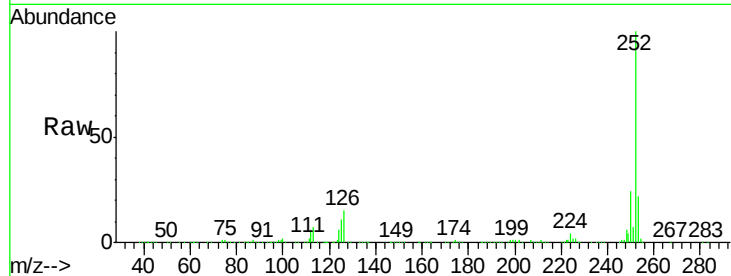




#87
Benzo(b)fluoranthene
Concen: 43.54 ng
RT: 15.09 min Scan# 1138
Delta R.T. -0.09 min
Lab File: BF092899.D
Acq: 10 Feb 2017 22:39

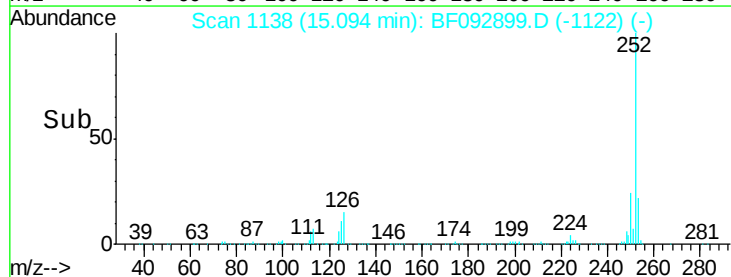
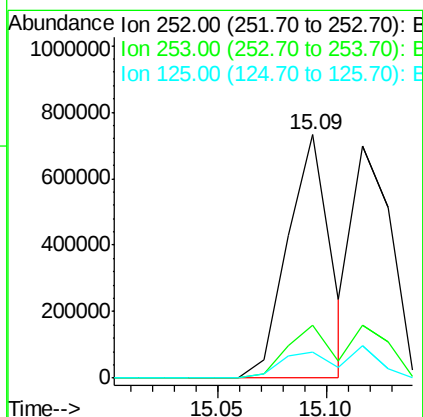
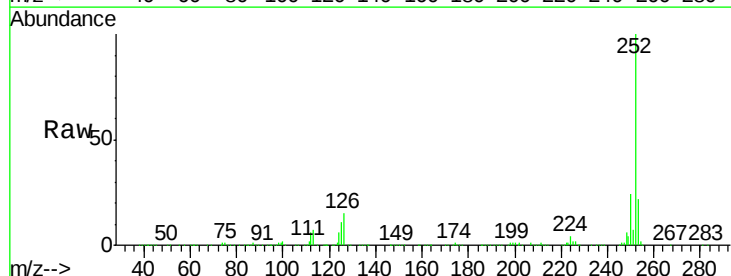
Instrument :
BNA_F
ClientSampleId :
9717MSD

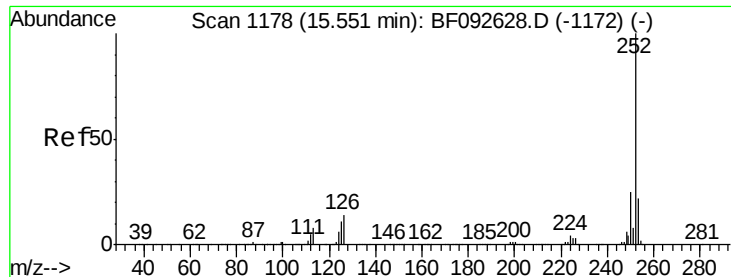
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.4
125	10.8	9.8	14.6



#88
Benzo(k)fluoranthene
Concen: 50.42 ng
RT: 15.09 min Scan# 1138
Delta R.T. -0.11 min
Lab File: BF092899.D
Acq: 10 Feb 2017 22:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.5	27.7
125	10.8	8.9	13.3

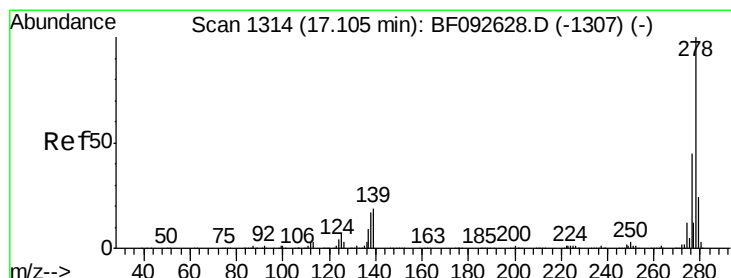
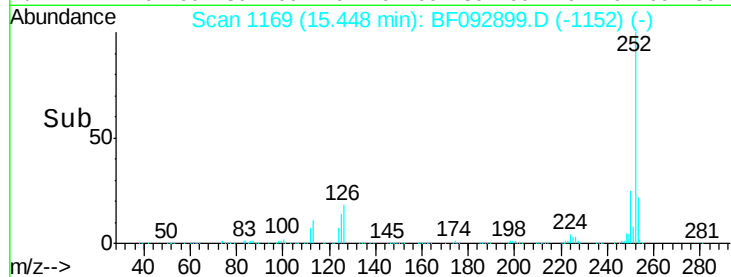
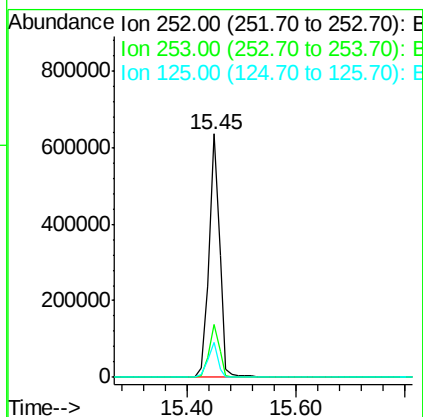
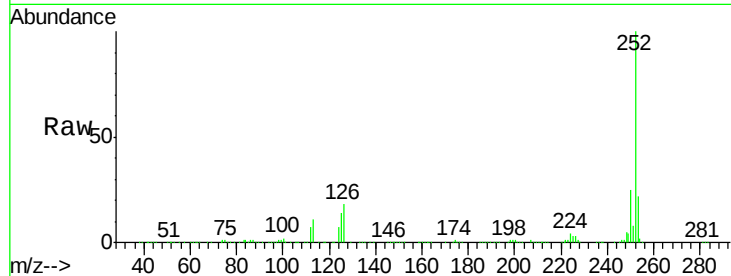




#89
Benzo(a)pyrene
Concen: 43.91 ng
RT: 15.45 min Scan# 1169
Delta R.T. -0.10 min
Lab File: BF092899.D
Acq: 10 Feb 2017 22:39

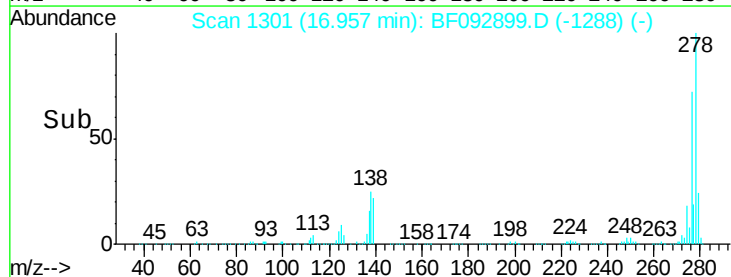
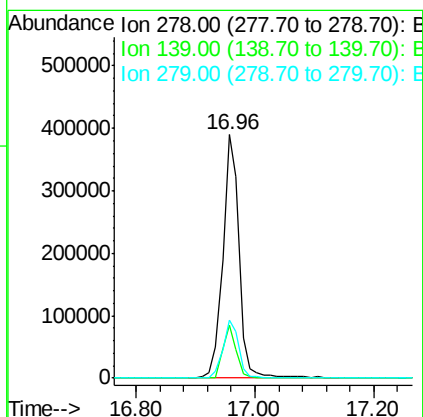
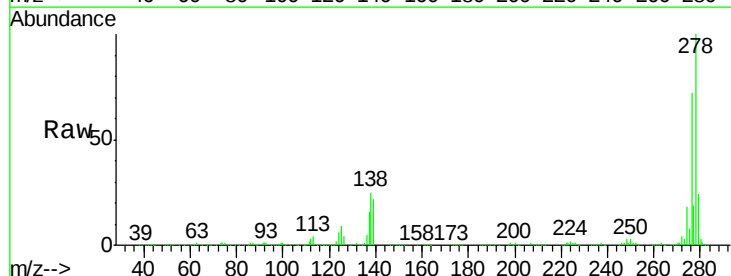
Instrument :
BNA_F
ClientSampleId :
9717MSD

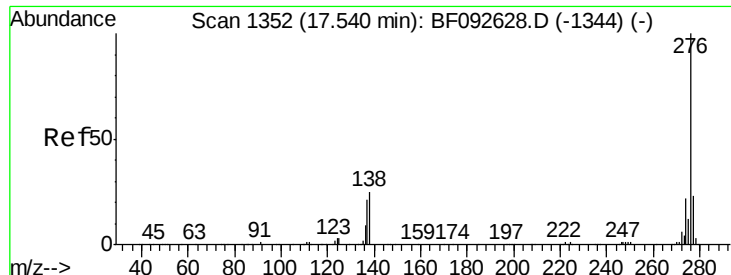
Tgt Ion: 252 Resp: 869663
Ion Ratio Lower Upper
252 100
253 21.6 18.2 27.2
125 14.2 10.0 15.0



#90
Dibenzo(a,h)anthracene
Concen: 46.26 ng
RT: 16.96 min Scan# 1301
Delta R.T. -0.15 min
Lab File: BF092899.D
Acq: 10 Feb 2017 22:39

Tgt Ion: 278 Resp: 740545
Ion Ratio Lower Upper
278 100
139 21.9 14.8 22.2
279 23.6 19.8 29.6





#91

Benzo(g,h,i)perylene

Concen: 46.00 ng

RT: 17.38 min Scan# 1338

Delta R.T. -0.16 min

Lab File: BF092899.D

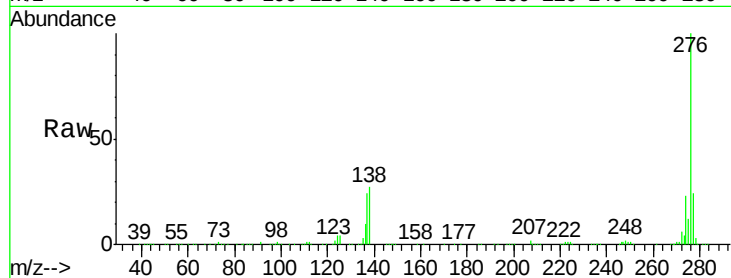
Acq: 10 Feb 2017 22:39

Instrument :

BNA_F

ClientSampleId :

9717MSD



Tgt Ion:	276	Resp:	743880
Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	27.5	16.0	24.0

