

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
 Data File : BF092890.D
 Acq On : 10 Feb 2017 18:34
 Operator : SJ/MA
 Sample : PB96841BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96841BSD

Quant Time: Feb 10 23:06:09 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	164386	20.00	ng	-0.07
21) Naphthalene-d8	8.18	136	677094	20.00	ng	-0.08
38) Acenaphthene-d10	9.94	164	381008	20.00	ng	-0.07
63) Phenanthrene-d10	11.42	188	613457	20.00	ng	-0.07
75) Chrysene-d12	14.07	240	515404	20.00	ng	-0.08
86) Perylene-d12	15.51	264	416961	20.00	ng	-0.10

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	803802	83.89	ng	-0.07
7) Phenol-d6	6.53	99	1000087	81.12	ng	-0.07
23) Nitrobenzene-d5	7.47	82	960790	79.02	ng	-0.07
41) 2,4,6-Tribromophenol	10.74	330	242415	87.97	ng	-0.07
44) 2-Fluorobiphenyl	9.26	172	1755077	83.45	ng	-0.07
78) Terphenyl-d14	13.01	244	1512285	68.94	ng	-0.07

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	182697	35.29	ng	87
3) Pyridine	3.32	79	540719	41.07	ng	89
4) n-Nitrosodimethylamine	3.28	42	251005	40.60	ng	85
6) Aniline	6.56	93	282451	16.80	ng	# 80
8) 2-Chlorophenol	6.68	128	456621	43.20	ng	99
9) Benzaldehyde	6.44	77	173604	19.66	ng	99
10) Phenol	6.54	94	541603	37.55	ng	81
11) bis(2-Chloroethyl)ether	6.64	93	484326	42.07	ng	98
12) 1,3-Dichlorobenzene	7.07	146	487357	39.36	ng	98
13) 1,4-Dichlorobenzene	6.91	146	506562	40.42	ng	97
14) 1,2-Dichlorobenzene	7.07	146	488390	40.76	ng	95
15) Benzyl Alcohol	7.04	79	402792	44.13	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.17	45	816864	40.84	ng	95
17) 2-Methylphenol	7.16	107	402074	44.34	ng	95
18) Hexachloroethane	7.41	117	175339	40.99	ng	# 84
19) n-Nitroso-di-n-propylamine	7.31	70	323520	41.22	ng	95
20) 3+4-Methylphenols	7.31	107	458487	42.29	ng	# 76
22) Acetophenone	7.31	105	594015	38.42	ng	# 93
24) Nitrobenzene	7.48	77	471461	37.76	ng	97
25) Isophorone	7.72	82	933250	41.19	ng	96
26) 2-Nitrophenol	7.80	139	270691	45.61	ng	92
27) 2,4-Dimethylphenol	7.85	122	446841	42.87	ng	92
28) bis(2-Chloroethoxy)methane	7.94	93	629343	41.94	ng	99
29) 2,4-Dichlorophenol	8.04	162	398789	41.02	ng	91
30) 1,2,4-Trichlorobenzene	8.12	180	414491	39.57	ng	96
31) Naphthalene	8.20	128	1252401	36.49	ng	99
32) Benzoic acid	7.97	122	220279	38.90	ng	97
33) 4-Chloroaniline	8.26	127	123550	9.18	ng	97
34) Hexachlorobutadiene	8.32	225	219642	38.11	ng	99
35) Caprolactam	8.64	113	92090	30.12	ng	# 42
36) 4-Chloro-3-methylphenol	8.75	107	438158	43.23	ng	98
37) 2-Methylnaphthalene	8.90	142	920679	41.78	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	389183	36.39	ng	100
40) Hexachlorocyclopentadiene	9.05	237	337218	69.88	ng	96

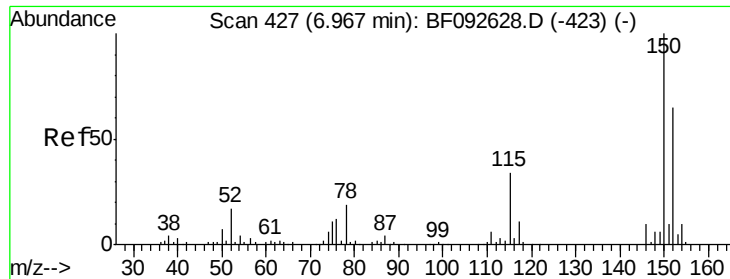
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	307504	43.76	ng	94
43) 2,4,5-Trichlorophenol	9.22	196	294844	38.29	ng	94
45) 1,1'-Biphenyl	9.37	154	1110532	40.25	ng	99
46) 2-Chloronaphthalene	9.39	162	906471	42.00	ng	97
47) 2-Nitroaniline	9.48	65	274030	37.76	ng	95
48) Acenaphthylene	9.80	152	1344383	36.06	ng	99
49) Dimethylphthalate	9.66	163	1039825	40.52	ng	98
50) 2,6-Dinitrotoluene	9.73	165	254596	45.94	ng	96
51) Acenaphthene	9.97	154	857659	38.48	ng	96
52) 3-Nitroaniline	9.89	138	87271	13.76	ng	96
53) 2,4-Dinitrophenol	10.01	184	196898	70.44	ng	# 67
54) Dibenzofuran	10.14	168	1159748	38.90	ng	98
55) 4-Nitrophenol	10.08	139	333797	73.07	ng	92
56) 2,4-Dinitrotoluene	10.13	165	290627	39.39	ng	95
57) Fluorene	10.49	166	882240	38.46	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.27	232	237209	46.18	ng	98
59) Diethylphthalate	10.37	149	1039747	42.99	ng	95
60) 4-Chlorophenyl-phenylether	10.49	204	441213	40.04	ng	# 77
61) 4-Nitroaniline	10.52	138	247359	38.08	ng	86
62) Azobenzene	10.65	77	1122685	44.93	ng	90
64) 4,6-Dinitro-2-methylphenol	10.54	198	147436	39.96	ng	# 62
65) n-Nitrosodiphenylamine	10.60	169	768633	39.22	ng	99
66) 4-Bromophenyl-phenylether	10.97	248	249324	38.90	ng	# 87
67) Hexachlorobenzene	11.04	284	245108	38.70	ng	# 82
68) Atrazine	11.14	200	279956	44.52	ng	92
69) Pentachlorophenol	11.24	266	294167	89.07	ng	98
70) Phenanthrene	11.45	178	1372933	39.06	ng	98
71) Anthracene	11.50	178	1384129	39.22	ng	99
72) Carbazole	11.66	167	1346845	39.92	ng	97
73) Di-n-butylphthalate	11.98	149	1464085	40.13	ng	98
74) Fluoranthene	12.64	202	1281547	35.35	ng	99
76) Benzidine	12.76	184	353566	16.10	ng	96
77) Pyrene	12.86	202	1284280	33.30	ng	99
79) Butylbenzylphthalate	13.48	149	626852	40.02	ng	92
80) Benzo(a)anthracene	14.05	228	1127321	35.76	ng	100
81) 3,3'-Dichlorobenzidine	14.02	252	252069	22.43	ng	# 95
82) Chrysene	14.09	228	964001	32.66	ng	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	884655	41.30	ng	# 96
84) Di-n-octyl phthalate	14.65	149	1468204	42.09	ng	100
85) Indeno(1,2,3-cd)pyrene	16.95	276	912193	39.90	ng	95
87) Benzo(b)fluoranthene	15.09	252	1056834	38.51	ng	97
88) Benzo(k)fluoranthene	15.09	252	1056834	44.60	ng	98
89) Benzo(a)pyrene	15.45	252	947146	39.90	ng	98
90) Dibenzo(a,h)anthracene	16.96	278	767719	40.01	ng	96
91) Benzo(g,h,i)perylene	17.38	276	766923	39.57	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

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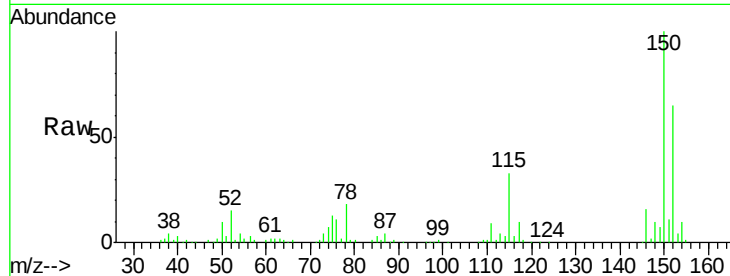
Tgt Ion:152 Resp: 164386

Ion Ratio Lower Upper

152 100

150 154.3 124.9 187.3

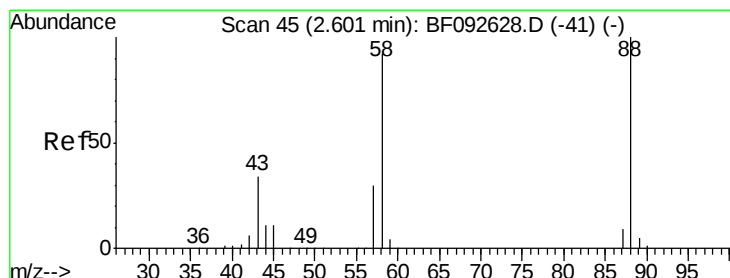
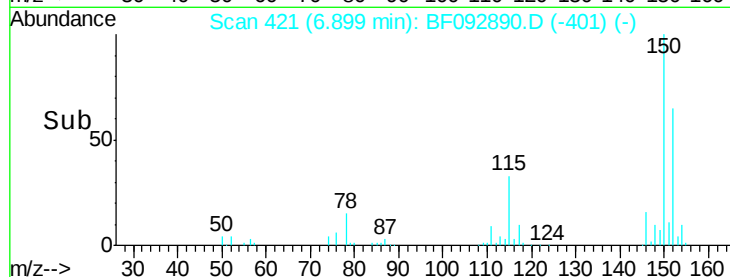
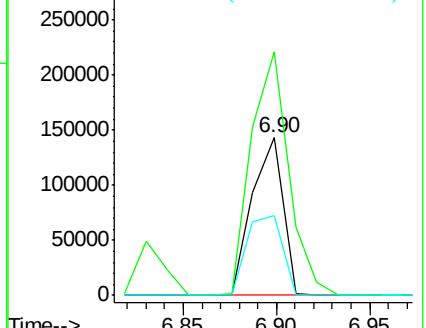
115 50.7 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.29 ng

RT: 2.59 min Scan# 44

Delta R.T. -0.01 min

Lab File: BF092890.D

Acq: 10 Feb 2017 18:34

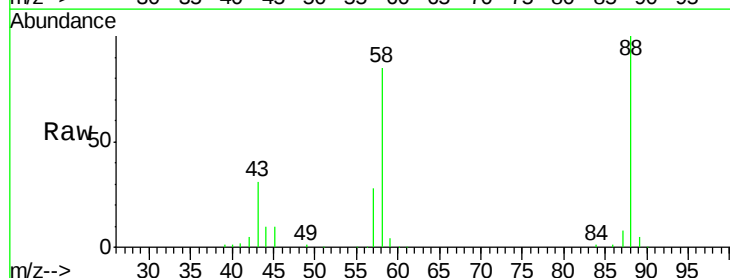
Tgt Ion: 88 Resp: 182697

Ion Ratio Lower Upper

88 100

58 85.6 57.8 86.8

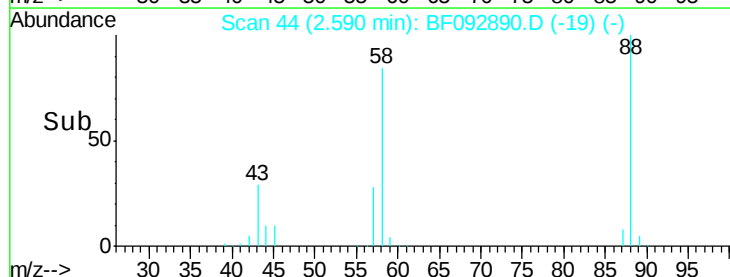
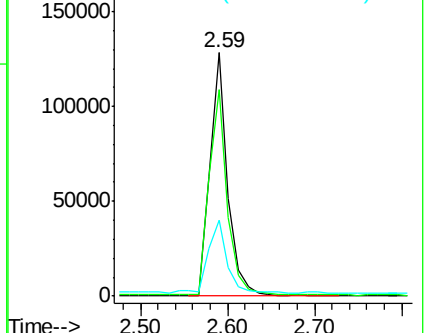
43 31.0 22.3 33.5



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: 41.07 ng

RT: 3.32 min Scan# 108

Delta R.T. -0.05 min

Lab File: BF092890.D

Acq: 10 Feb 2017 18:34

Instrument :

BNA_F

ClientSampleId :

PB96841BSD

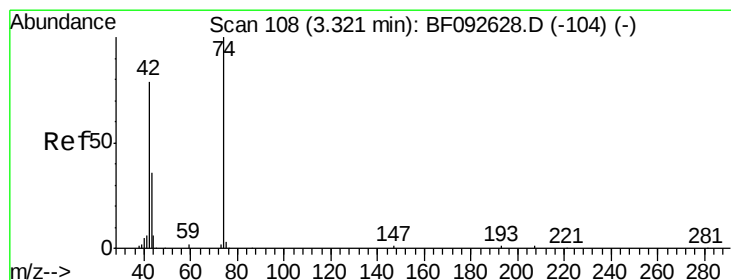
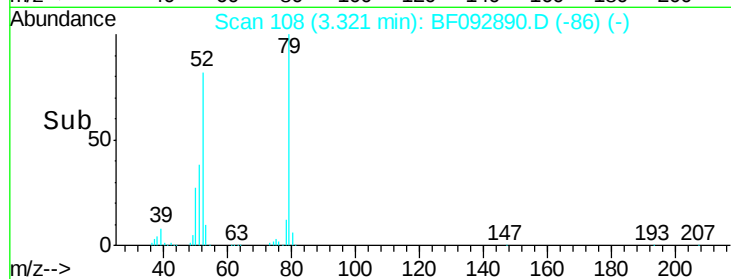
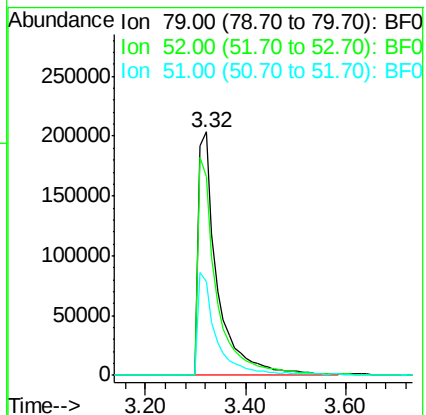
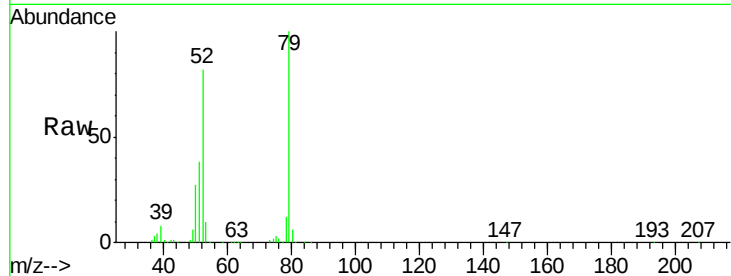
Tgt Ion: 79 Resp: 540719

Ion Ratio Lower Upper

79 100

52 81.7 57.1 85.7

51 38.3 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 40.60 ng

RT: 3.28 min Scan# 104

Delta R.T. -0.05 min

Lab File: BF092890.D

Acq: 10 Feb 2017 18:34

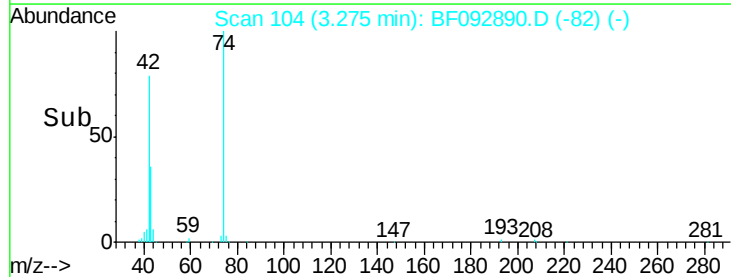
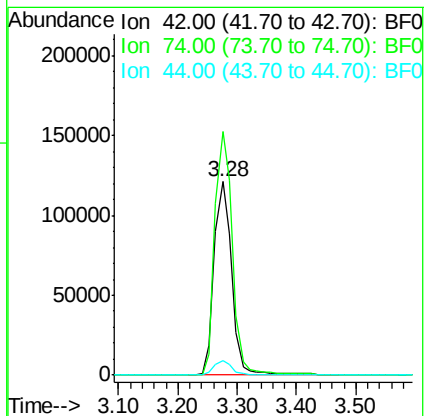
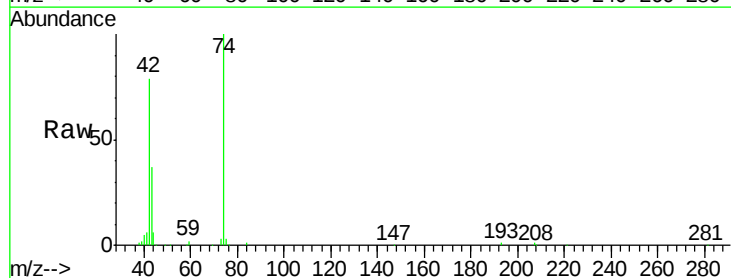
Tgt Ion: 42 Resp: 251005

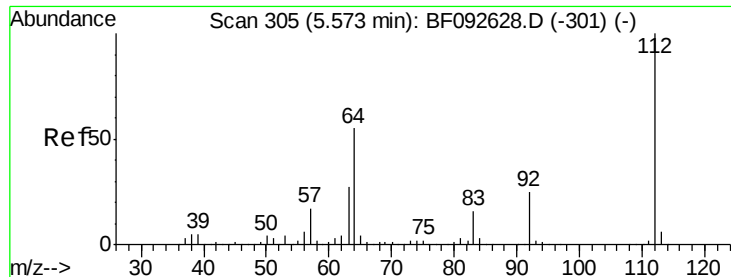
Ion Ratio Lower Upper

42 100

74 126.0 117.0 175.4

44 7.6 5.5 8.3





#5

2-Fluorophenol

Concen: 83.89 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.07 min

Lab File: BF092890.D

Acq: 10 Feb 2017 18:34

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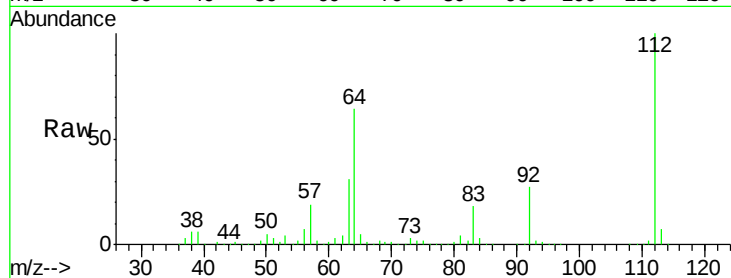
Tgt Ion: 112 Resp: 803802

Ion Ratio Lower Upper

112 100

64 63.7 46.1 69.1

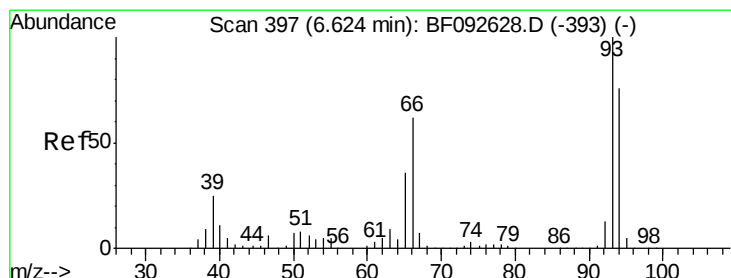
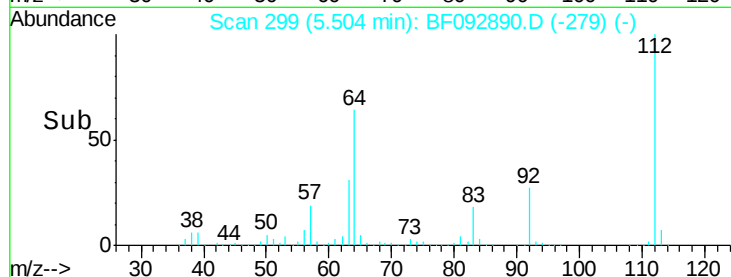
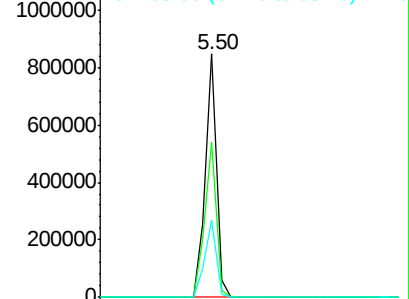
63 31.5 23.8 35.6



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: 16.80 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.07 min

Lab File: BF092890.D

Acq: 10 Feb 2017 18:34

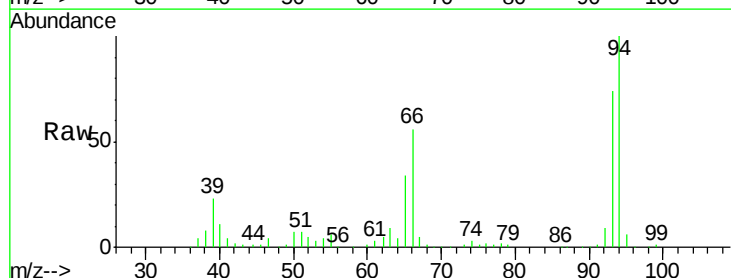
Tgt Ion: 93 Resp: 282451

Ion Ratio Lower Upper

93 100

66 75.7 76.2 114.2#

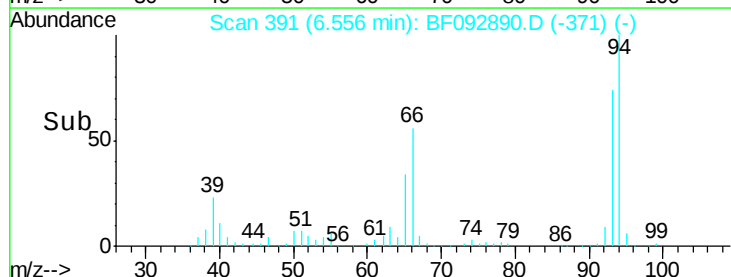
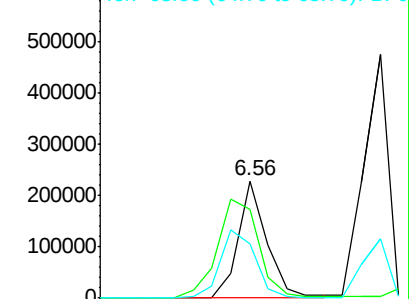
65 46.0 49.3 73.9#

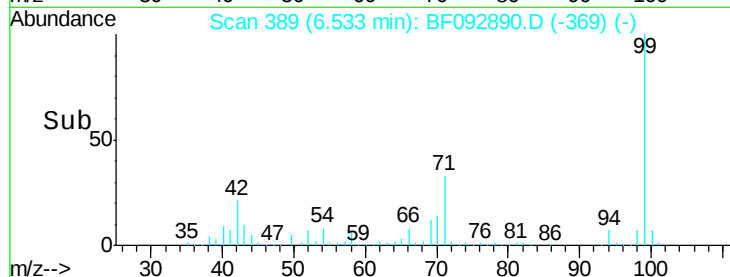
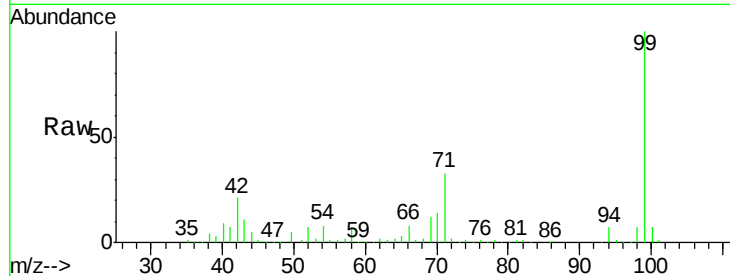
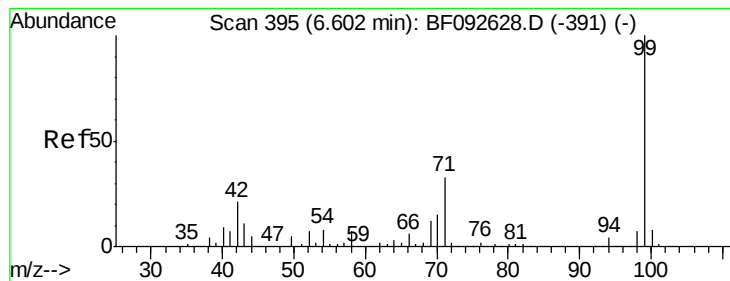


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 81.12 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.07 min

Lab File: BF092890.D

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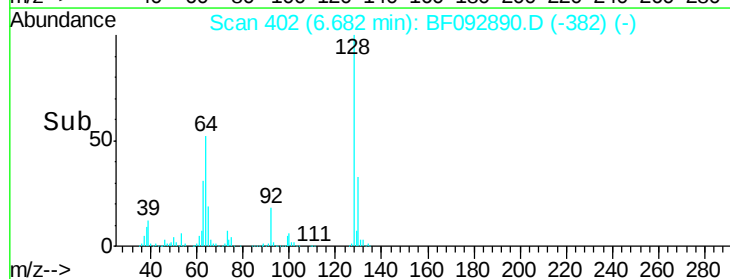
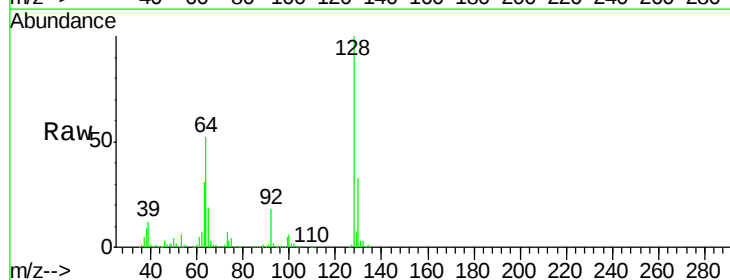
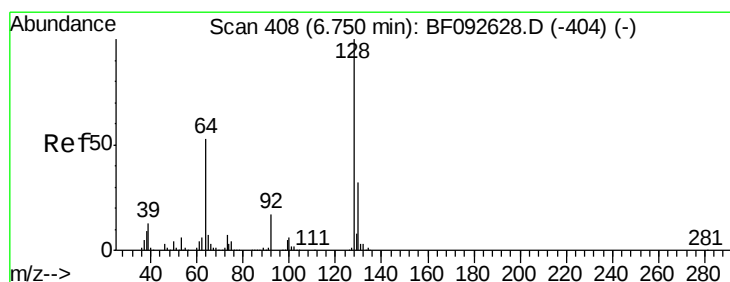
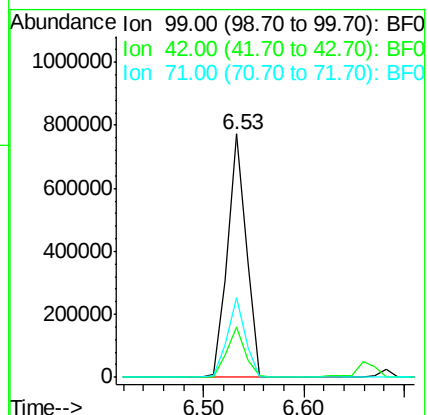
Tgt Ion: 99 Resp: 1000087

Ion Ratio Lower Upper

99 100

42 20.5 15.6 23.4

71 32.6 27.5 41.3



#8

2-Chlorophenol

Concen: 43.20 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.07 min

Lab File: BF092890.D

Acq: 10 Feb 2017 18:34

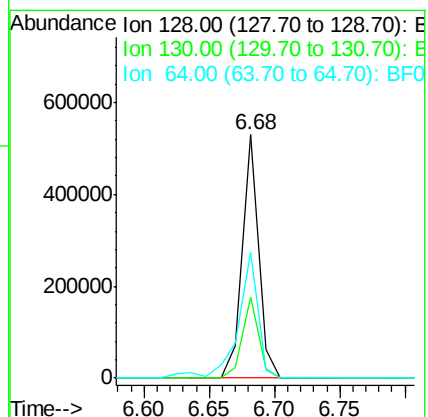
Tgt Ion: 128 Resp: 456621

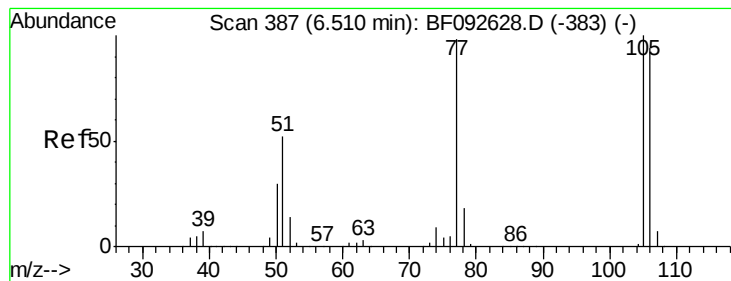
Ion Ratio Lower Upper

128 100

130 33.2 12.3 52.3

64 51.7 32.2 72.2





#9

Benzaldehyde

Concen: 19.66 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.07 min

Lab File: BF092890.D

Acq: 10 Feb 2017 18:34

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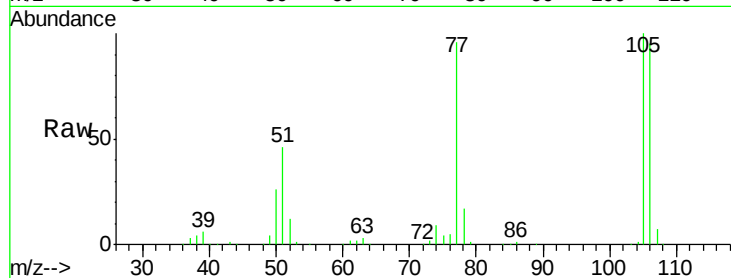
Tgt Ion: 77 Resp: 173604

Ion Ratio Lower Upper

77 100

105 104.7 83.9 123.9

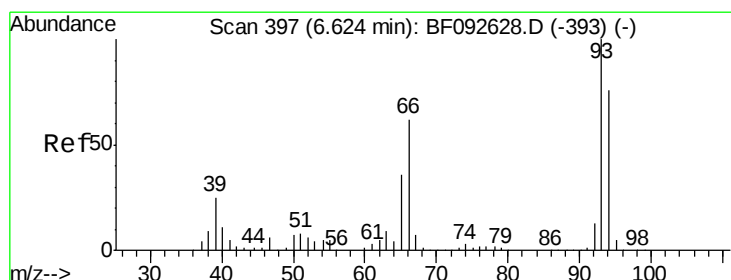
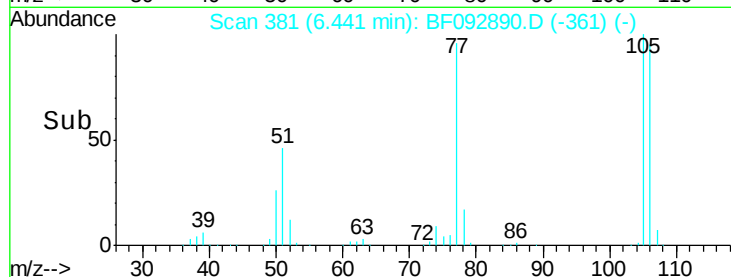
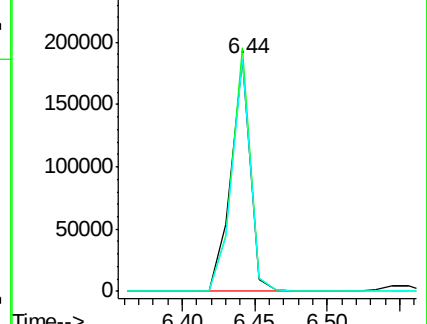
106 99.7 77.6 117.6



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: 37.55 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.08 min

Lab File: BF092890.D

Acq: 10 Feb 2017 18:34

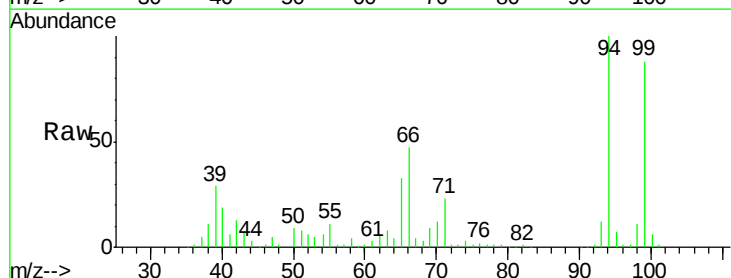
Tgt Ion: 94 Resp: 541603

Ion Ratio Lower Upper

94 100

65 32.6 21.4 61.4

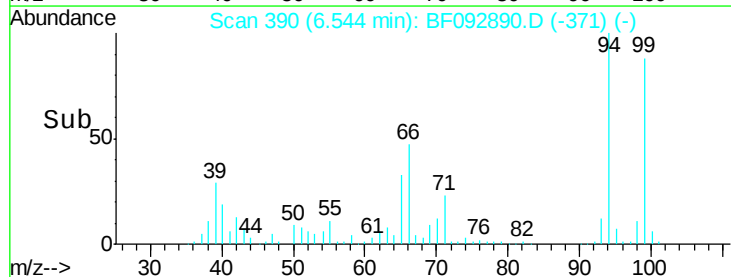
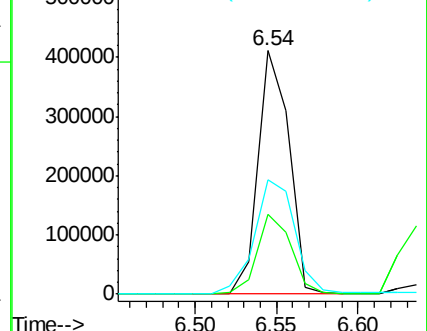
66 46.7 44.0 84.0



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

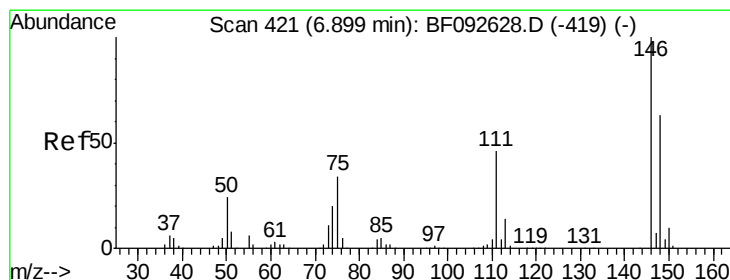
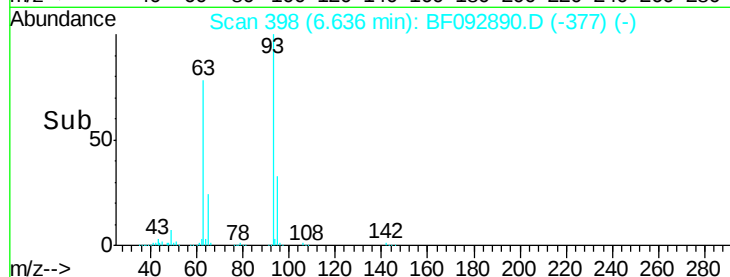
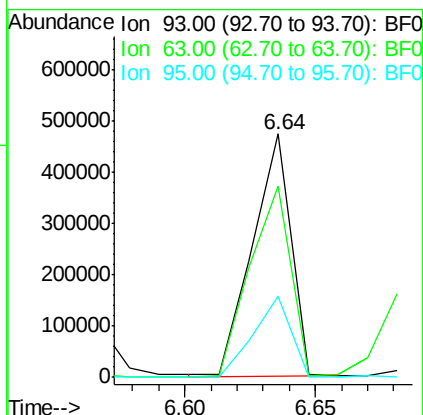
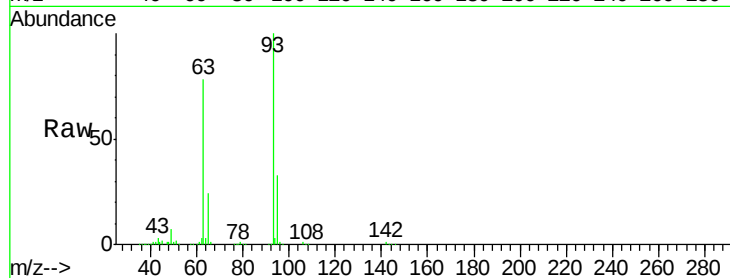




#11
bis(2-Chloroethyl)ether
Concen: 42.07 ng
RT: 6.64 min Scan# 398
Delta R.T. -0.06 min
Lab File: BF092890.D
Acq: 10 Feb 2017 18:34

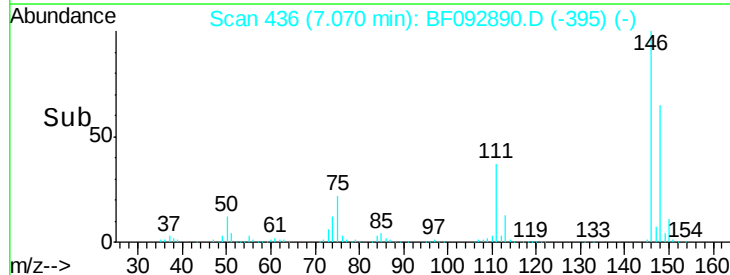
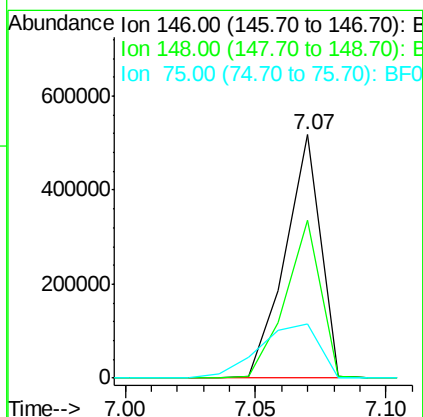
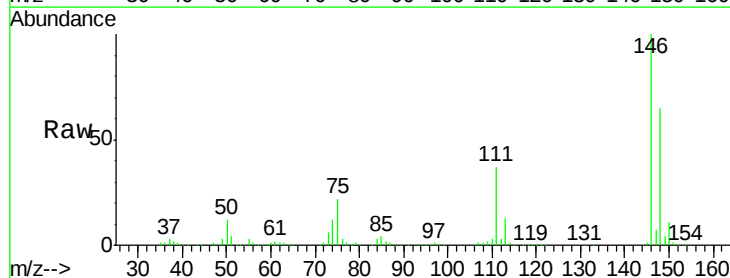
Instrument :
BNA_F
ClientSampleId :
PB96841BSD

Tgt Ion: 93 Resp: 484326
Ion Ratio Lower Upper
93 100
63 78.4 60.4 100.4
95 33.2 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 39.36 ng
RT: 7.07 min Scan# 436
Delta R.T. 0.17 min
Lab File: BF092890.D
Acq: 10 Feb 2017 18:34

Tgt Ion: 146 Resp: 487357
Ion Ratio Lower Upper
146 100
148 65.0 53.4 80.0
75 22.4 18.5 27.7

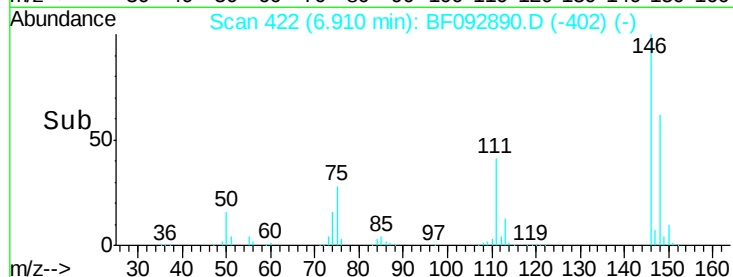
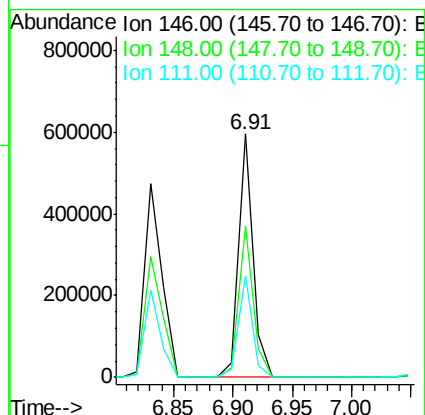
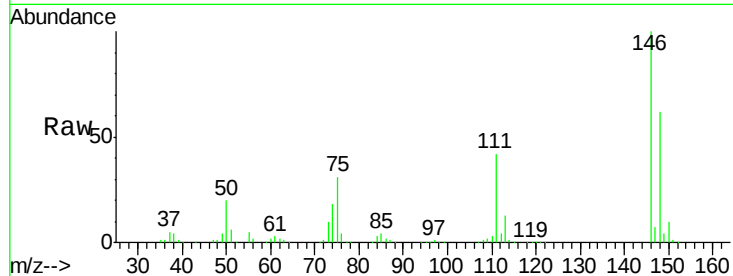




#13
 1,4-Dichlorobenzene
 Concen: 40.42 ng
 RT: 6.91 min Scan# 422
 Delta R.T. -0.07 min
 Lab File: BF092890.D
 Acq: 10 Feb 2017 18:34

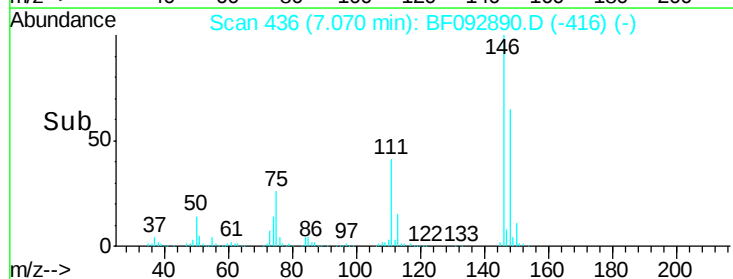
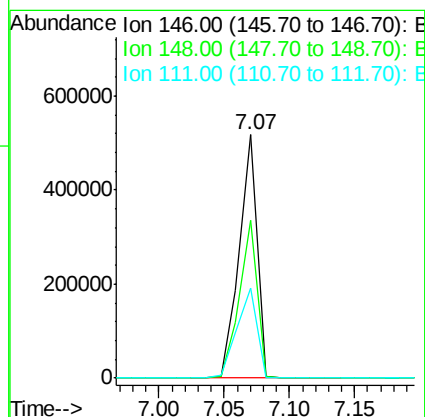
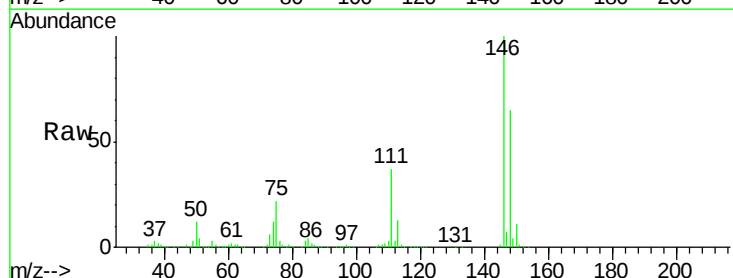
Instrument :
 BNA_F
 ClientSampleId :
 PB96841BSD

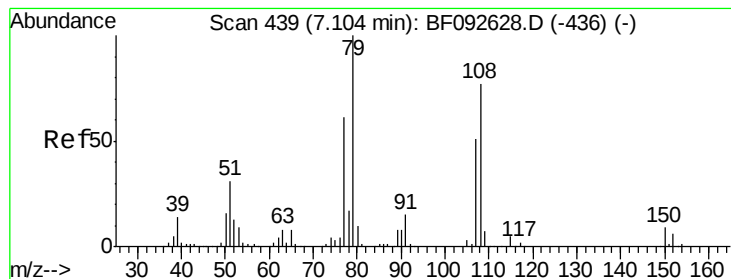
Tgt Ion:146 Resp: 506562
 Ion Ratio Lower Upper
 146 100
 148 62.1 50.6 76.0
 111 41.5 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 40.76 ng
 RT: 7.07 min Scan# 436
 Delta R.T. -0.07 min
 Lab File: BF092890.D
 Acq: 10 Feb 2017 18:34

Tgt Ion:146 Resp: 488390
 Ion Ratio Lower Upper
 146 100
 148 65.0 52.2 78.2
 111 36.8 36.2 54.2





#15

Benzyl Alcohol

Concen: 44.13 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.07 min

Lab File: BF092890.D

Acq: 10 Feb 2017 18:34

Instrument :

BNA_F

ClientSampleId :

PB96841BSD

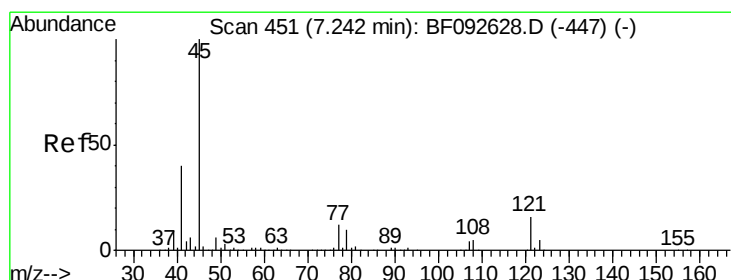
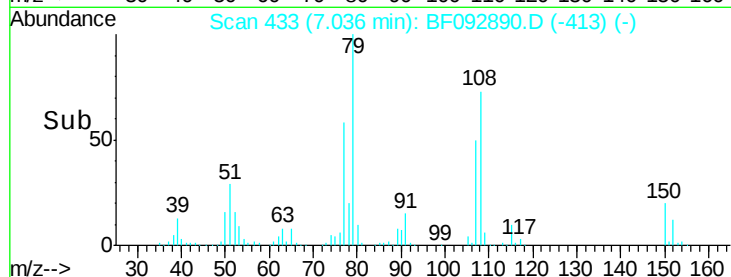
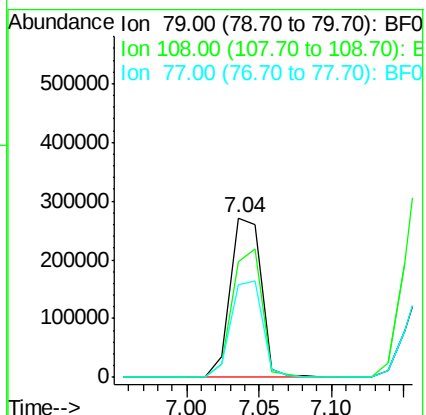
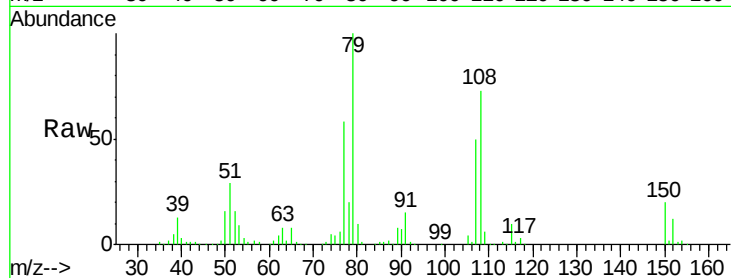
Tgt Ion: 79 Resp: 402792

Ion Ratio Lower Upper

79 100

108 72.6 61.4 92.0

77 58.4 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.84 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.07 min

Lab File: BF092890.D

Acq: 10 Feb 2017 18:34

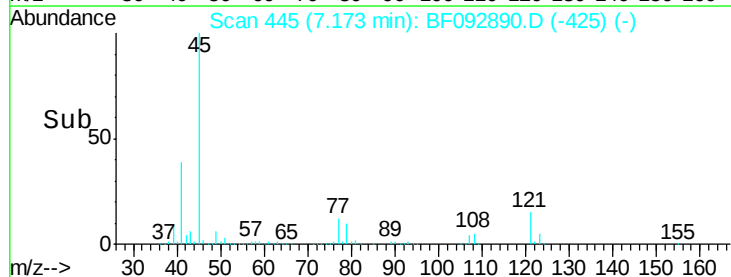
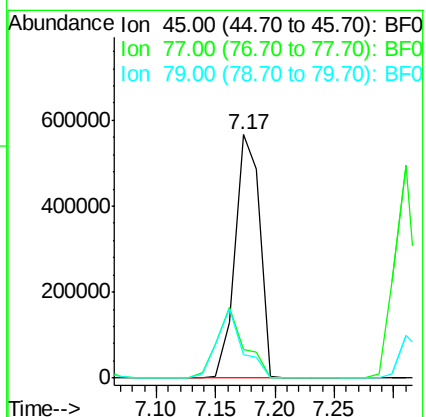
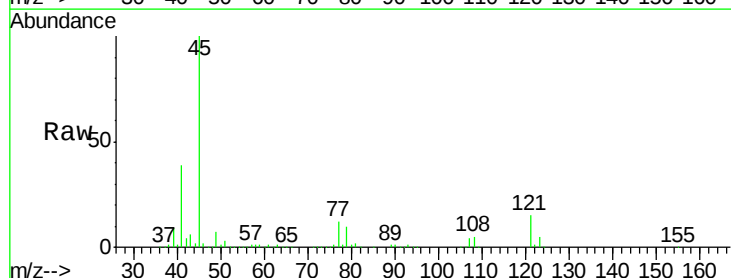
Tgt Ion: 45 Resp: 816864

Ion Ratio Lower Upper

45 100

77 12.0 0.0 34.6

79 9.8 0.0 31.2

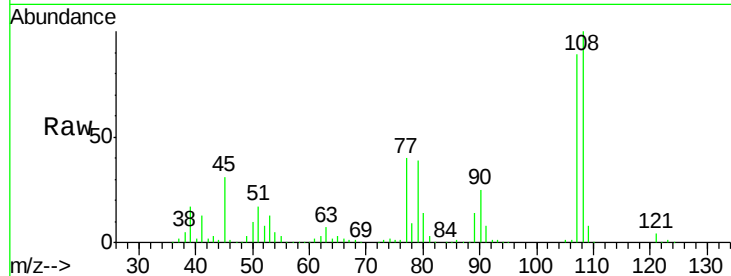




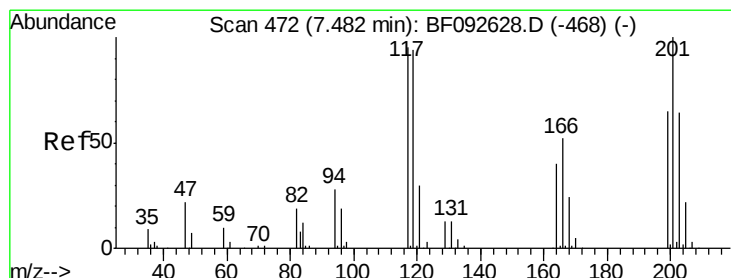
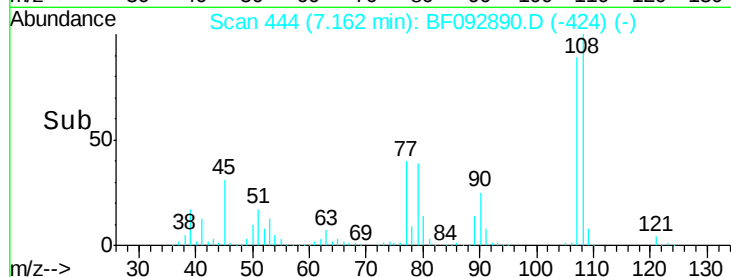
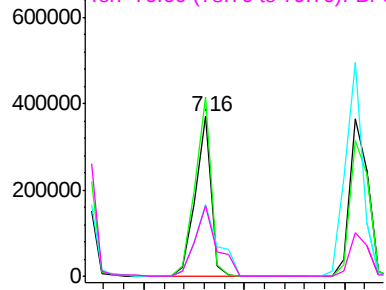
#17
2-Methylphenol
Concen: 44.34 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.07 min
Lab File: BF092890.D
Acq: 10 Feb 2017 18:34

Instrument :
BNA_F
ClientSampleId :
PB96841BSD

Tgt Ion:107 Resp: 402074
Ion Ratio Lower Upper
107 100
108 112.0 93.0 139.6
77 44.8 39.8 59.8
79 44.0 38.0 57.0

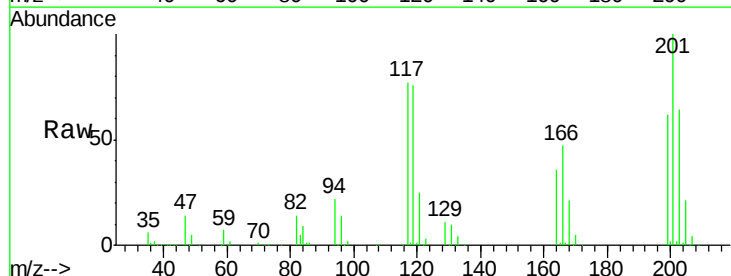


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

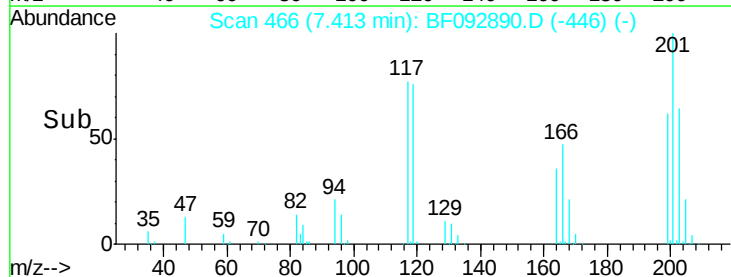
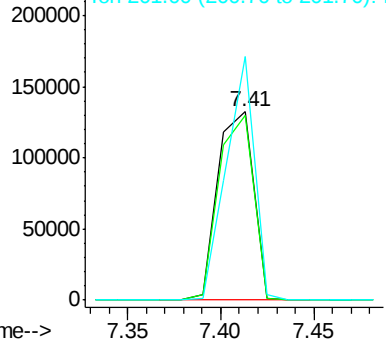


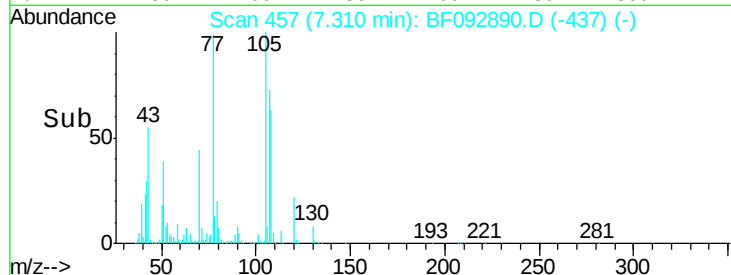
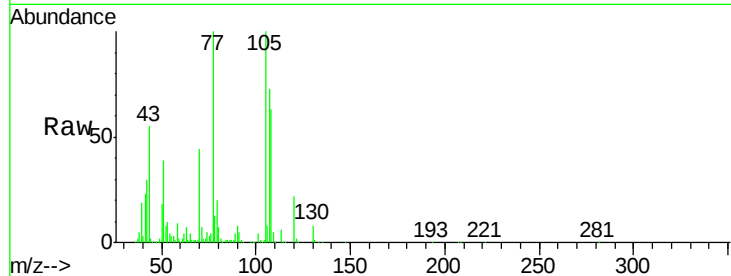
#18
Hexachloroethane
Concen: 40.99 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.07 min
Lab File: BF092890.D
Acq: 10 Feb 2017 18:34

Tgt Ion:117 Resp: 175339
Ion Ratio Lower Upper
117 100
119 98.2 78.1 117.1
201 129.2 78.6 117.8#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

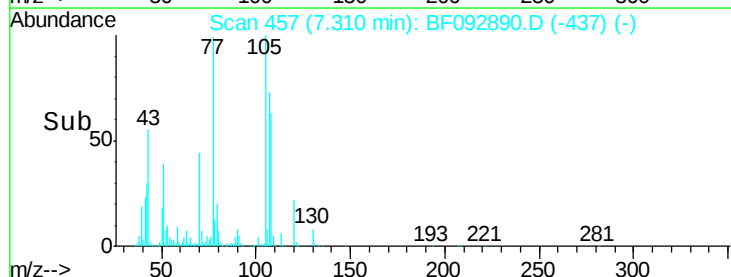
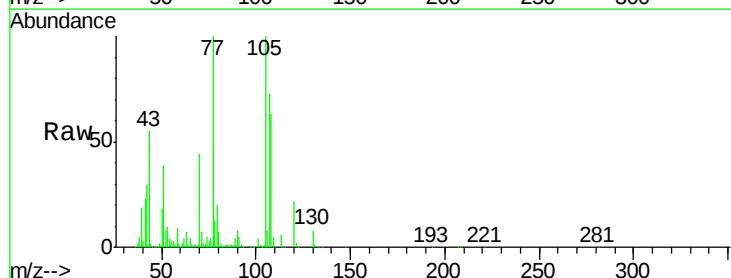
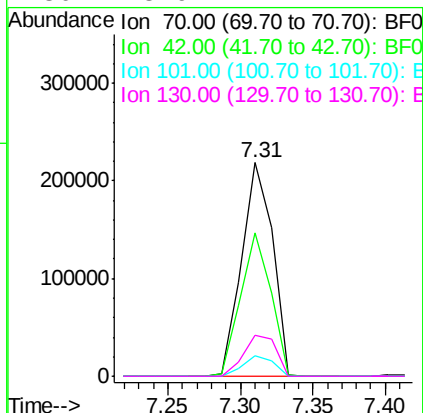




#19
n-Nitroso-di-n-propylamine
Concen: 41.22 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.07 min
Lab File: BF092890.D
Acq: 10 Feb 2017 18:34

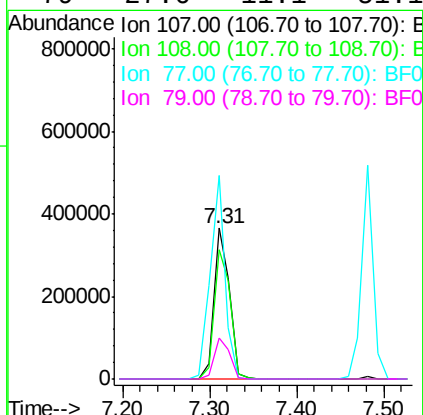
Instrument :
BNA_F
ClientSampleId :
PB96841BSD

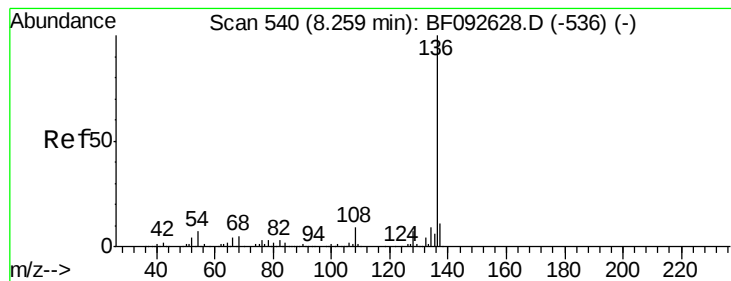
Tgt Ion:	70	Resp:	323520
Ion	Ratio	Lower	Upper
70	100		
42	67.1	49.4	74.0
101	9.4	7.4	11.2
130	18.9	14.2	21.4



#20
3+4-Methylphenols
Concen: 42.29 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.07 min
Lab File: BF092890.D
Acq: 10 Feb 2017 18:34

Tgt Ion:	107	Resp:	458487
Ion	Ratio	Lower	Upper
107	100		
108	86.1	73.0	113.0
77	135.6	71.3	111.3#
79	27.6	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.08 min

Lab File: BF092890.D

Acq: 10 Feb 2017 18:34

Instrument :

BNA_F

ClientSampleId :

PB96841BSD

Tgt Ion:136 Resp: 677094

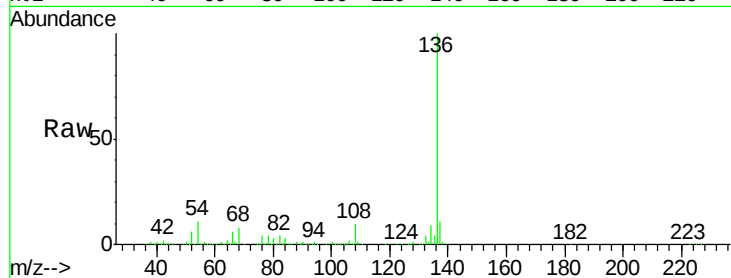
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 11.0 4.5 6.7#

68 7.7 3.6 5.4#



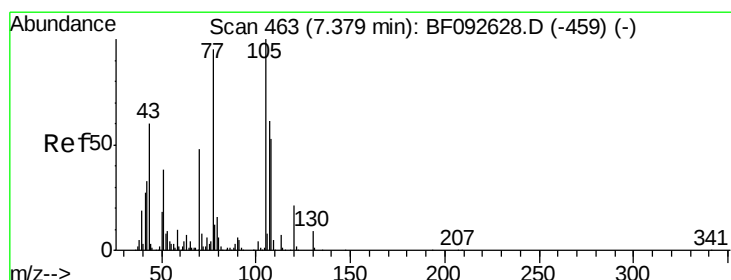
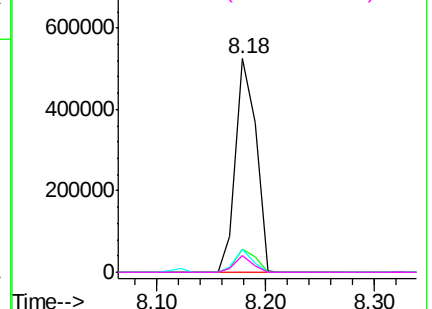
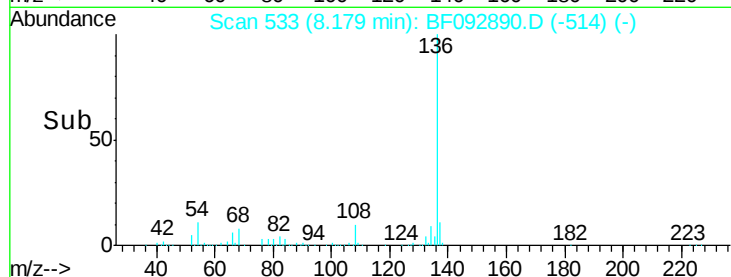
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 38.42 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.07 min

Lab File: BF092890.D

Acq: 10 Feb 2017 18:34

Tgt Ion:105 Resp: 594015

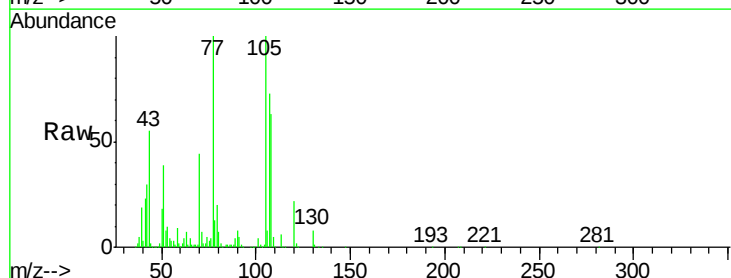
Ion Ratio Lower Upper

105 100

71 7.5 3.2 4.8#

51 38.7 26.2 39.4

120 21.5 16.6 24.8



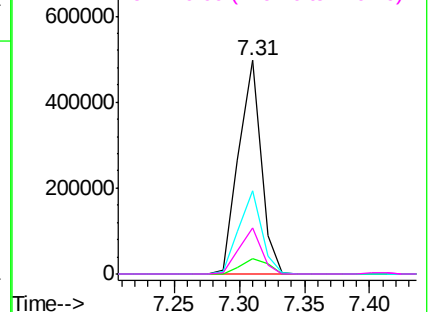
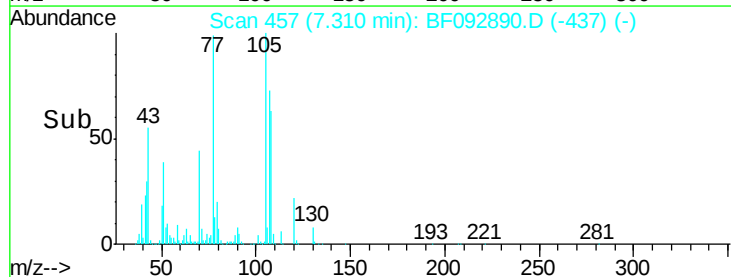
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

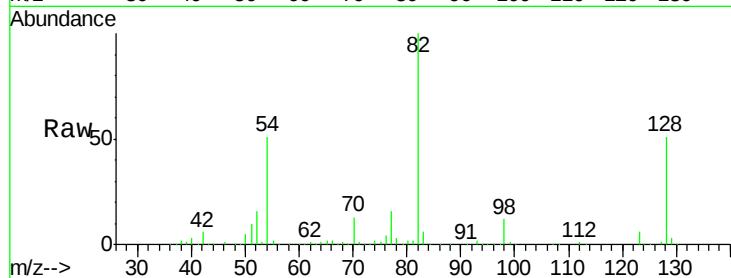




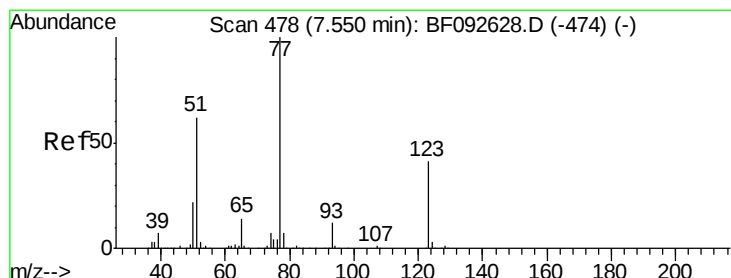
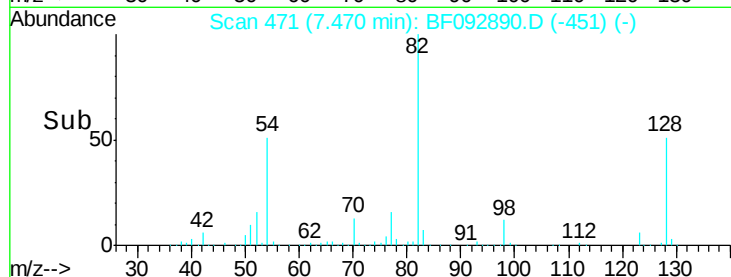
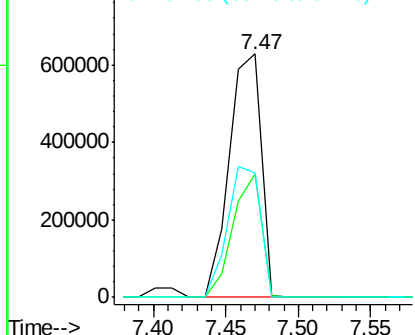
#23
 Nitrobenzene-d5
 Concen: 79.02 ng
 RT: 7.47 min Scan# 471
 Delta R.T. -0.07 min
 Lab File: BF092890.D
 Acq: 10 Feb 2017 18:34

Instrument :
 BNA_F
 ClientSampleId :
 PB96841BSD

Tgt Ion: 82 Resp: 960790
 Ion Ratio Lower Upper
 82 100
 128 50.5 34.6 52.0
 54 50.9 39.5 59.3

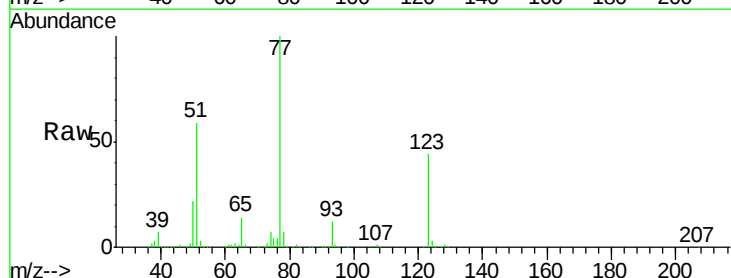


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

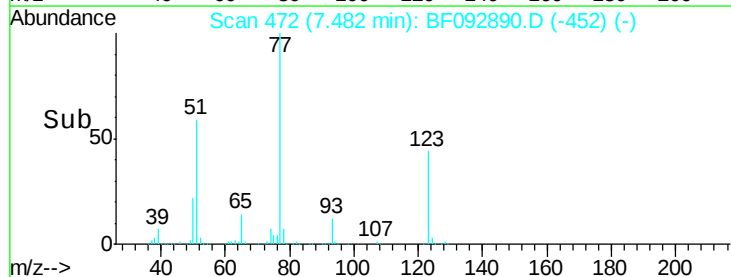
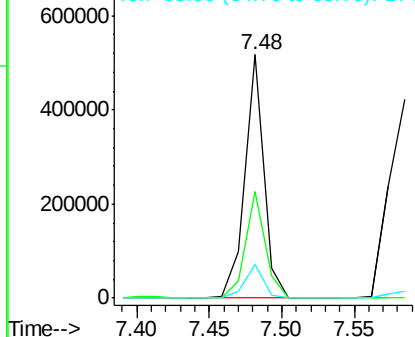


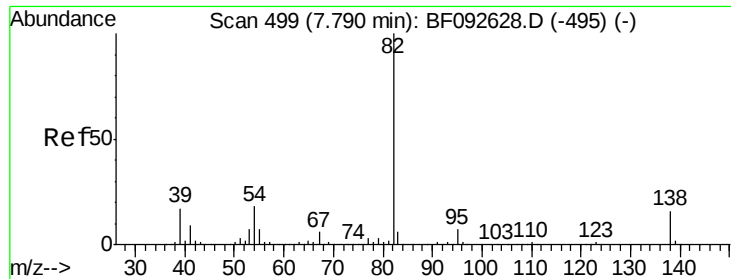
#24
 Nitrobenzene
 Concen: 37.76 ng
 RT: 7.48 min Scan# 472
 Delta R.T. -0.07 min
 Lab File: BF092890.D
 Acq: 10 Feb 2017 18:34

Tgt Ion: 77 Resp: 471461
 Ion Ratio Lower Upper
 77 100
 123 43.9 33.0 49.4
 65 13.9 11.2 16.8



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





#25

Isophorone

Concen: 41.19 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.07 min

Lab File: BF092890.D

Acq: 10 Feb 2017 18:34

Instrument :

BNA_F

ClientSampleId :

PB96841BSD

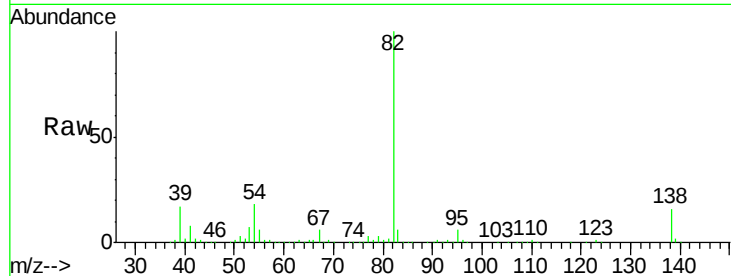
Tgt Ion: 82 Resp: 933250

Ion Ratio Lower Upper

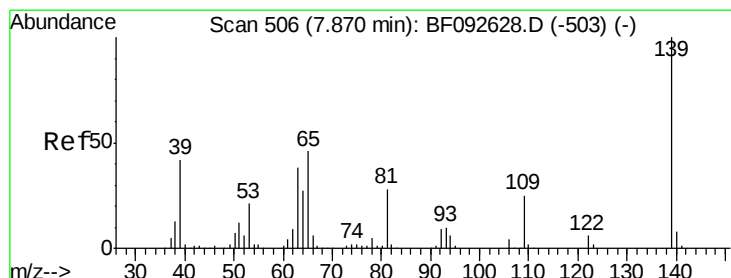
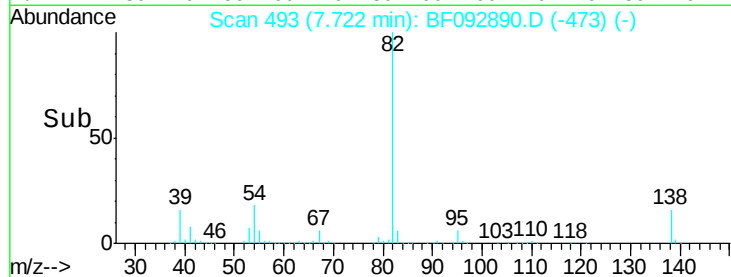
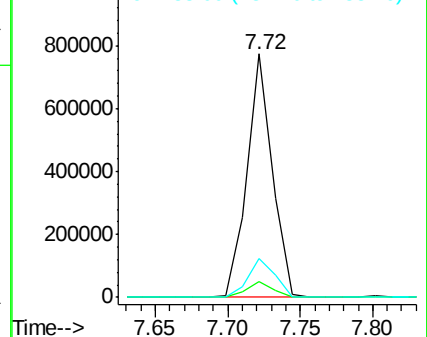
82 100

95 6.4 5.6 8.4

138 16.2 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: 45.61 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.07 min

Lab File: BF092890.D

Acq: 10 Feb 2017 18:34

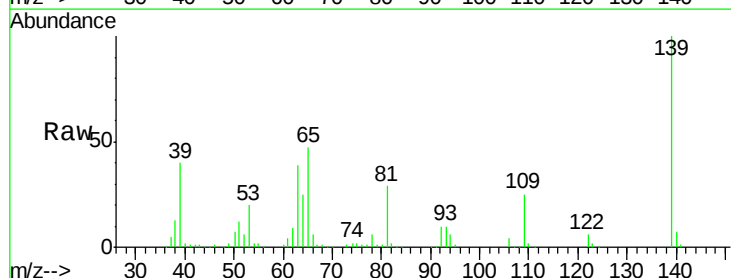
Tgt Ion: 139 Resp: 270691

Ion Ratio Lower Upper

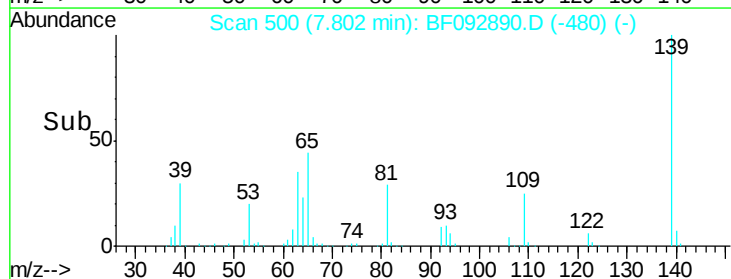
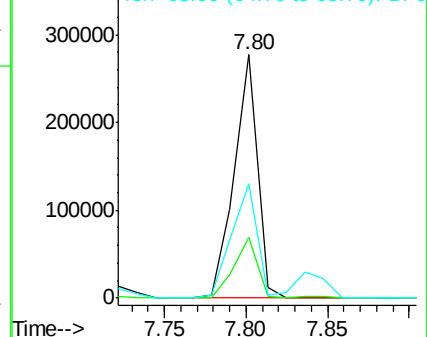
139 100

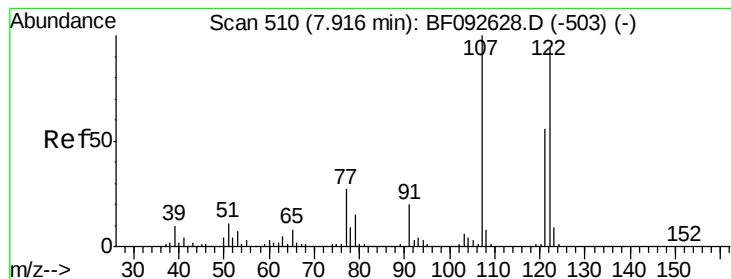
109 24.9 23.3 34.9

65 47.2 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: 42.87 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.07 min

Lab File: BF092890.D

Acq: 10 Feb 2017 18:34

Instrument :

BNA_F

ClientSampleId :

PB96841BSD

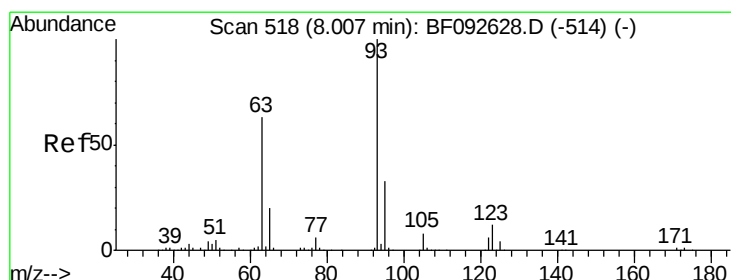
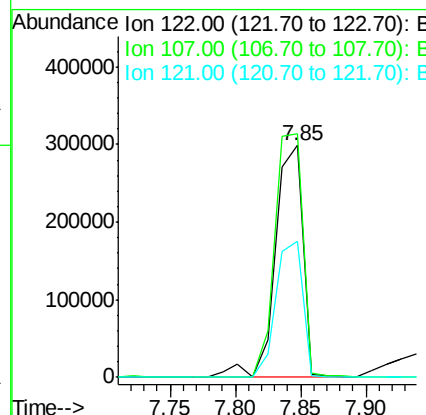
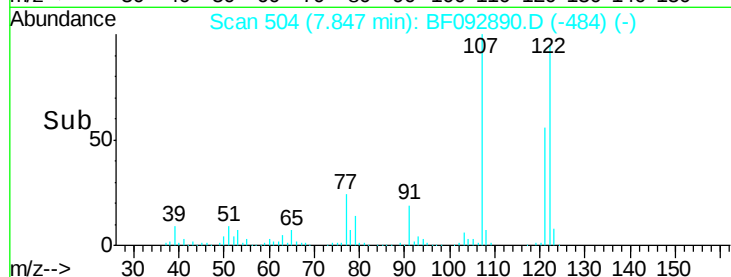
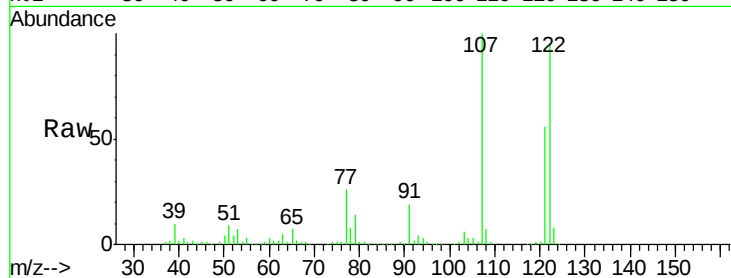
Tgt Ion:122 Resp: 446841

Ion Ratio Lower Upper

122 100

107 105.2 94.1 141.1

121 59.0 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 41.94 ng

RT: 7.94 min Scan# 512

Delta R.T. -0.07 min

Lab File: BF092890.D

Acq: 10 Feb 2017 18:34

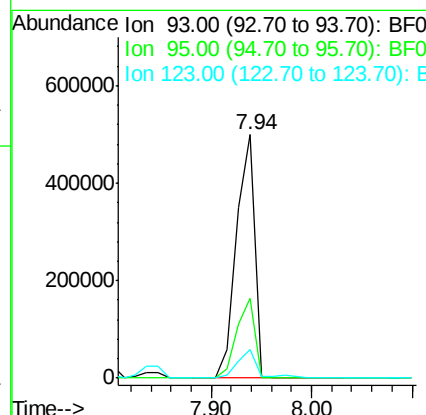
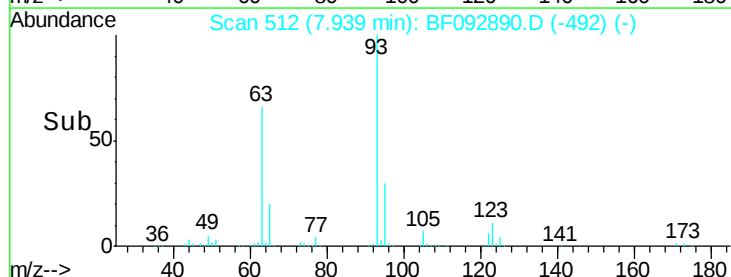
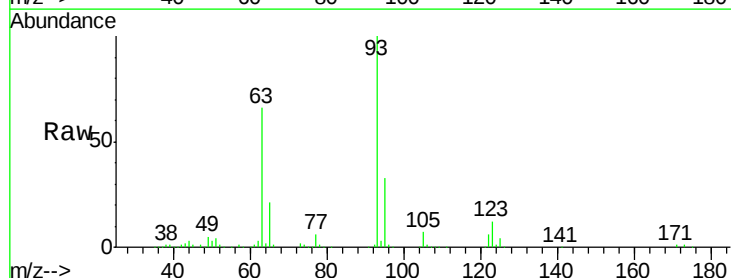
Tgt Ion: 93 Resp: 629343

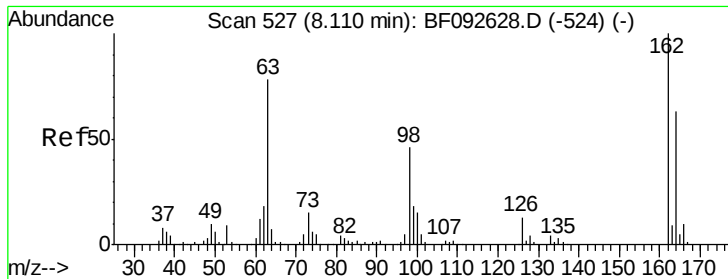
Ion Ratio Lower Upper

93 100

95 32.6 26.5 39.7

123 11.8 8.6 13.0

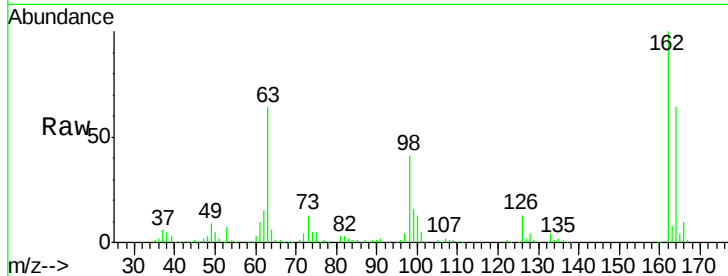




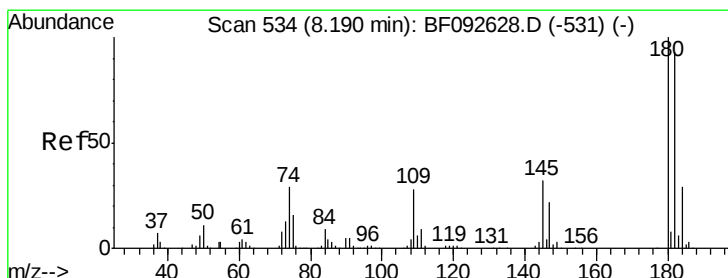
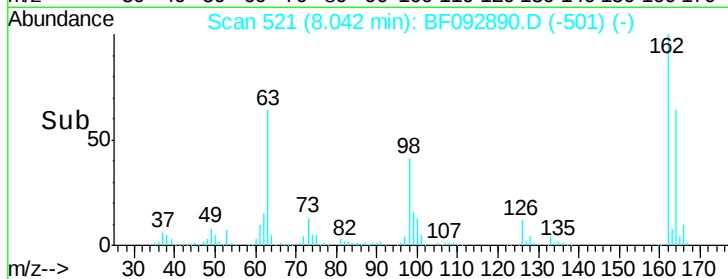
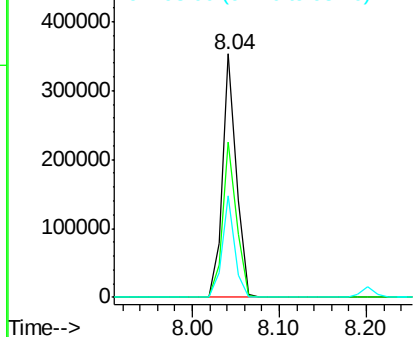
#29
2,4-Dichlorophenol
Concen: 41.02 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.07 min
Lab File: BF092890.D
Acq: 10 Feb 2017 18:34

Instrument :
BNA_F
ClientSampleId :
PB96841BSD

Tgt Ion:162 Resp: 398789
Ion Ratio Lower Upper
162 100
164 64.0 46.8 86.8
98 41.5 9.1 49.1

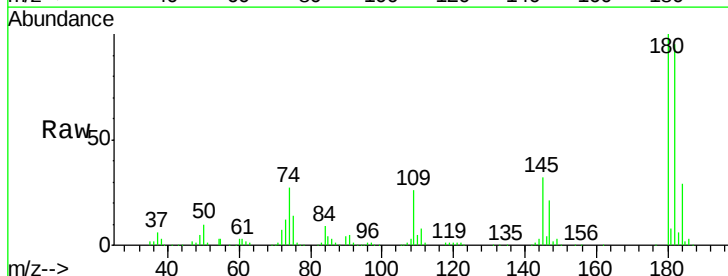


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

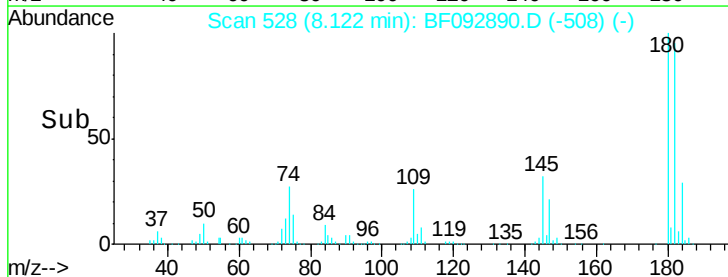
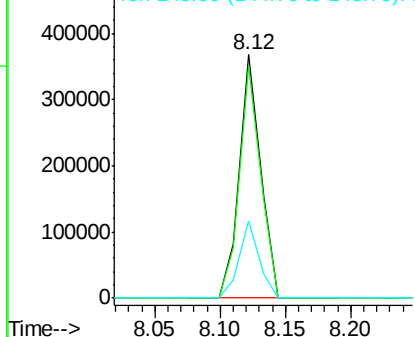


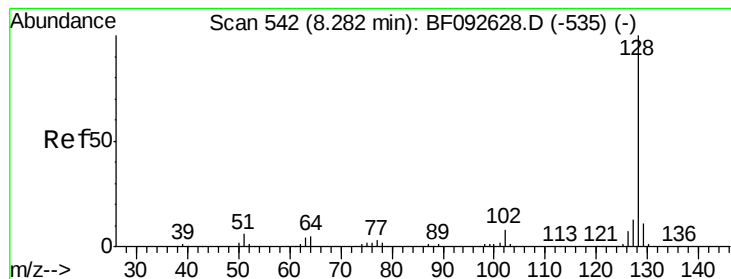
#30
1,2,4-Trichlorobenzene
Concen: 39.57 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.07 min
Lab File: BF092890.D
Acq: 10 Feb 2017 18:34

Tgt Ion:180 Resp: 414491
Ion Ratio Lower Upper
180 100
182 95.5 78.2 117.4
145 31.7 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: 36.49 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.08 min

Lab File: BF092890.D

Acq: 10 Feb 2017 18:34

Instrument :

BNA_F

ClientSampleId :

PB96841BSD

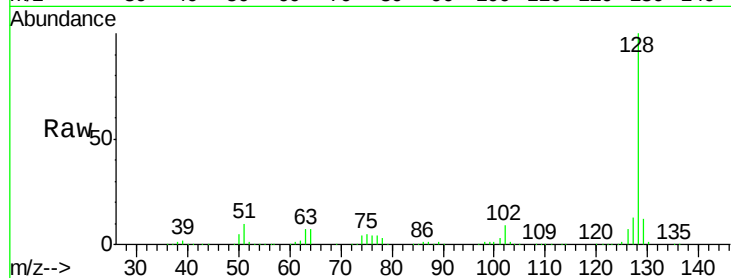
Tgt Ion:128 Resp: 1252401

Ion Ratio Lower Upper

128 100

129 11.5 9.5 14.3

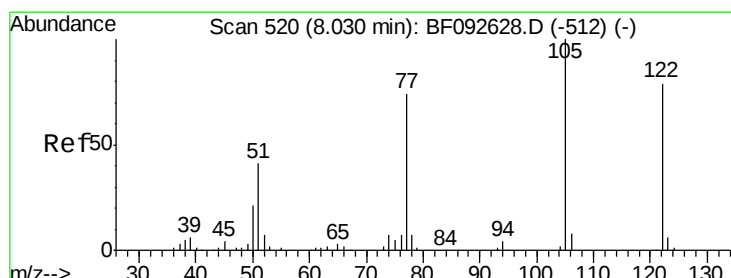
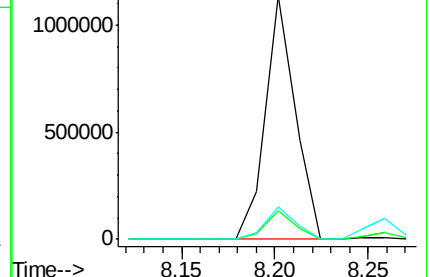
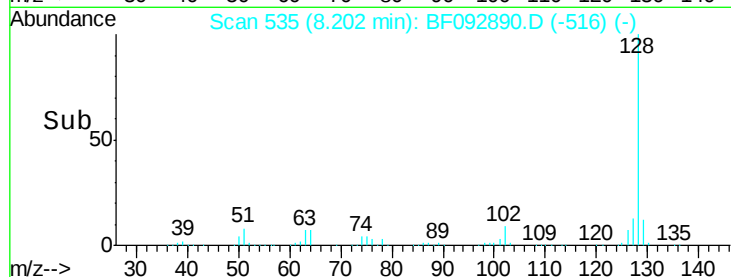
127 13.4 10.8 16.2



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: 38.90 ng

RT: 7.97 min Scan# 515

Delta R.T. -0.06 min

Lab File: BF092890.D

Acq: 10 Feb 2017 18:34

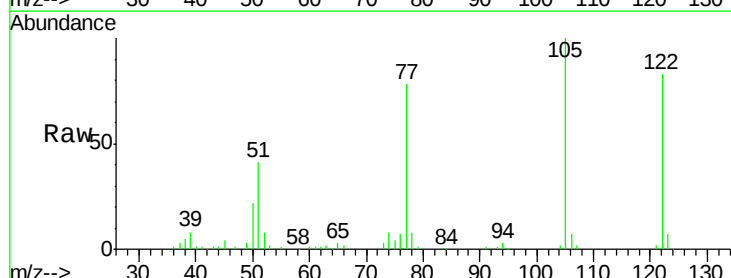
Tgt Ion:122 Resp: 220279

Ion Ratio Lower Upper

122 100

105 120.9 107.2 147.2

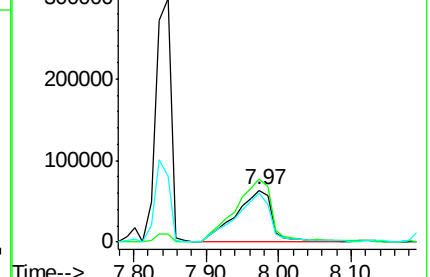
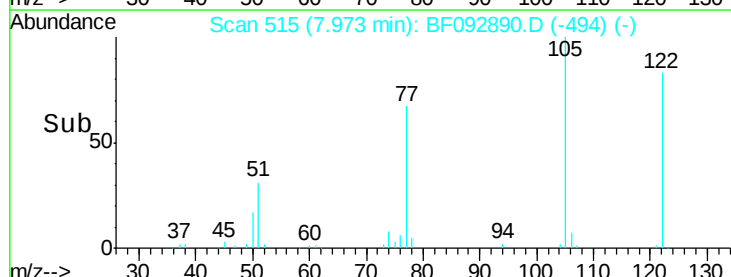
77 93.8 74.5 114.5



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

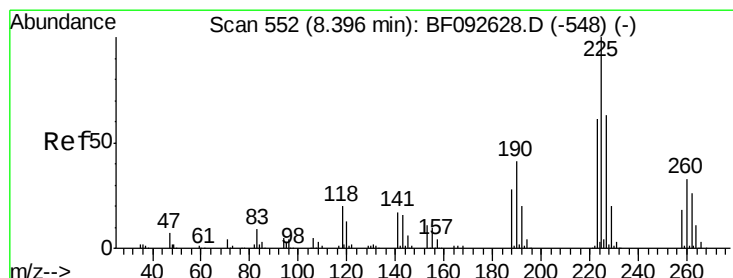
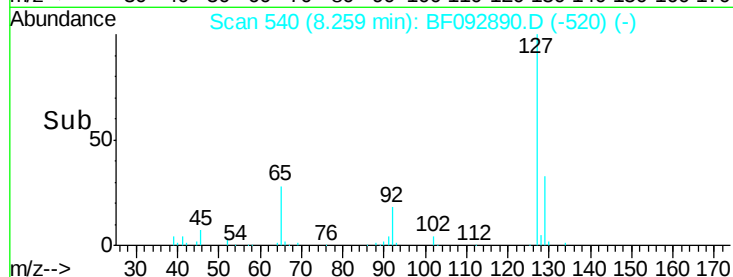
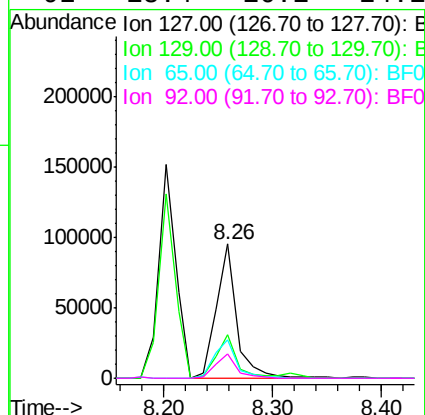
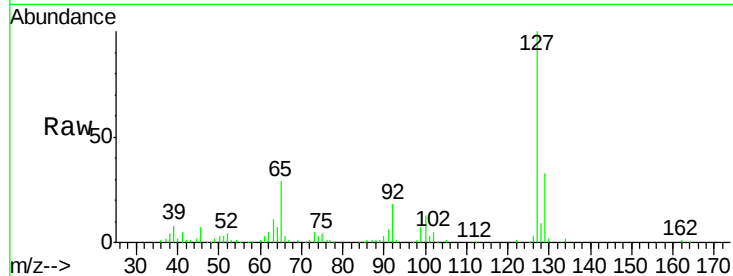




#33
4-Chloroaniline
Concen: 9.18 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.07 min
Lab File: BF092890.D
Acq: 10 Feb 2017 18:34

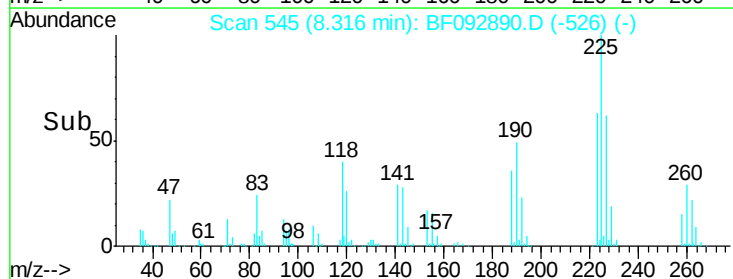
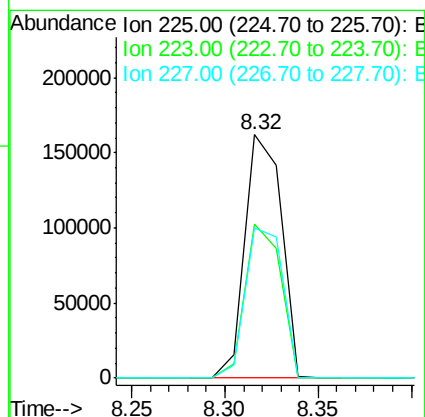
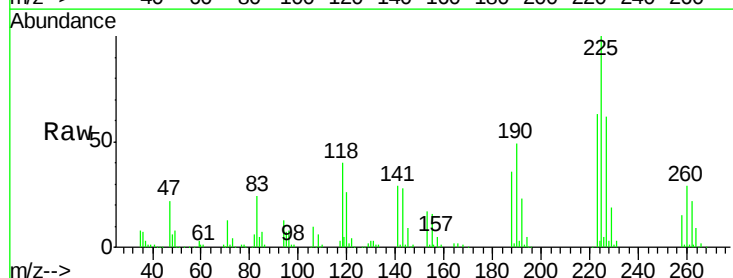
Instrument :
BNA_F
ClientSampleId :
PB96841BSD

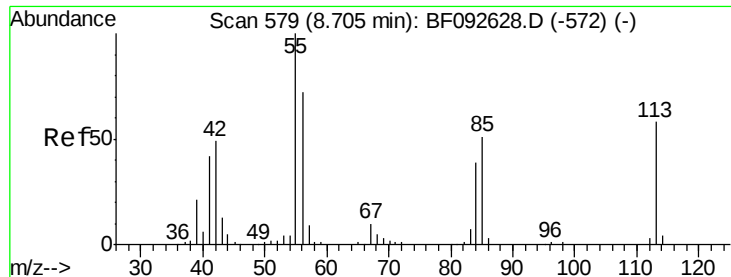
Tgt Ion:	127	Resp:	123550
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.3	39.5
65	29.1	25.8	38.8
92	18.4	16.1	24.1



#34
Hexachlorobutadiene
Concen: 38.11 ng
RT: 8.32 min Scan# 545
Delta R.T. -0.08 min
Lab File: BF092890.D
Acq: 10 Feb 2017 18:34

Tgt Ion:	225	Resp:	219642
Ion	Ratio	Lower	Upper
225	100		
223	63.5	51.0	76.6
227	61.9	50.6	76.0

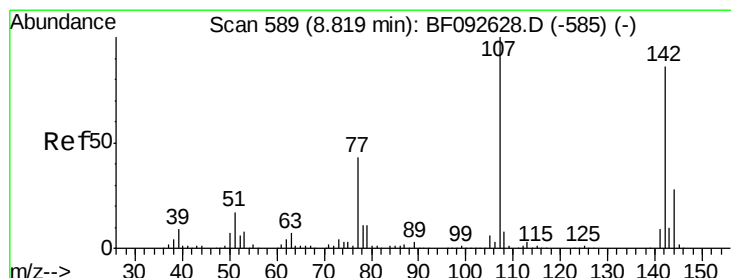
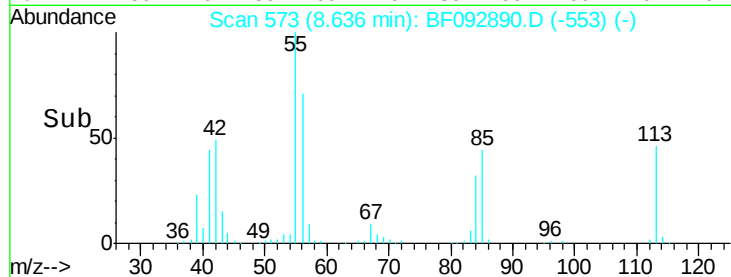
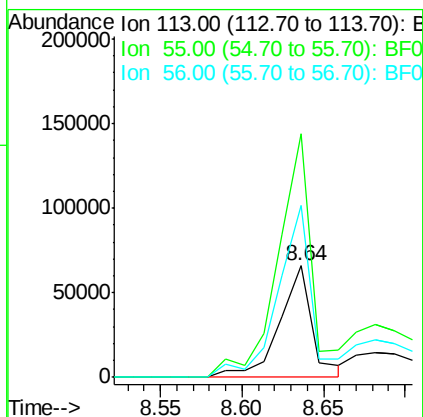
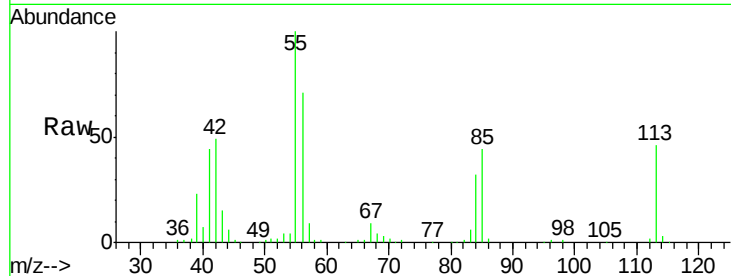




#35
 Caprolactam
 Concen: 30.12 ng
 RT: 8.64 min Scan# 573
 Delta R.T. -0.07 min
 Lab File: BF092890.D
 Acq: 10 Feb 2017 18:34

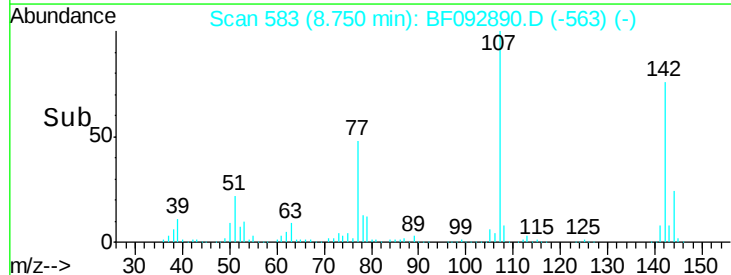
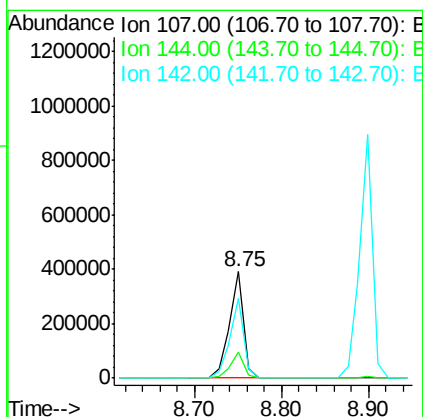
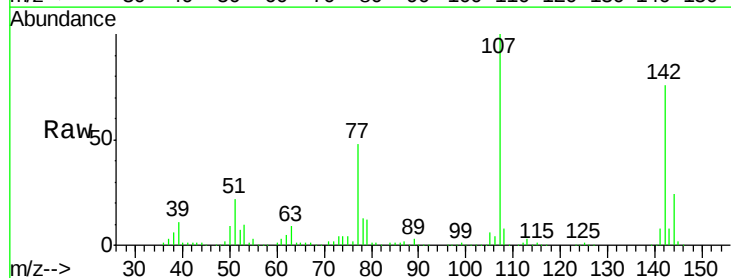
Instrument :
 BNA_F
 ClientSampleId :
 PB96841BSD

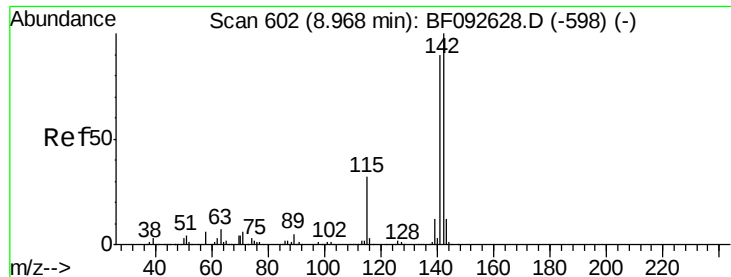
Tgt Ion:113 Resp: 92090
 Ion Ratio Lower Upper
 113 100
 55 218.3 119.2 159.2#
 56 154.3 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 43.23 ng
 RT: 8.75 min Scan# 583
 Delta R.T. -0.07 min
 Lab File: BF092890.D
 Acq: 10 Feb 2017 18:34

Tgt Ion:107 Resp: 438158
 Ion Ratio Lower Upper
 107 100
 144 24.4 19.3 28.9
 142 75.5 59.0 88.6

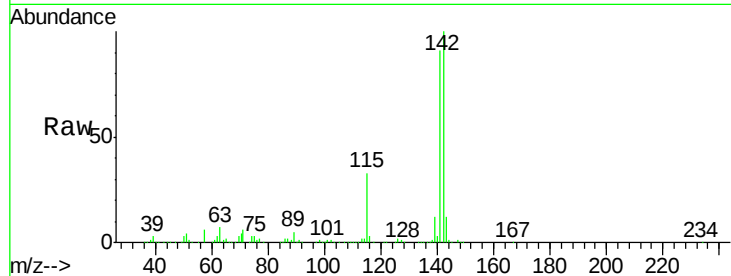




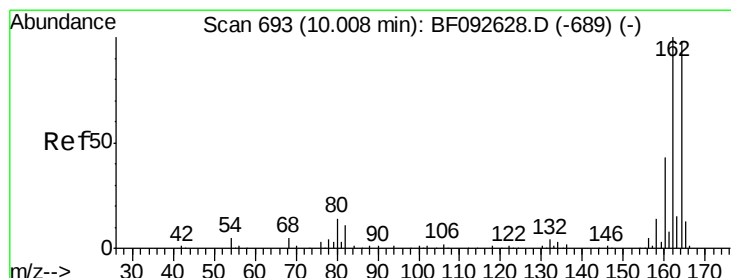
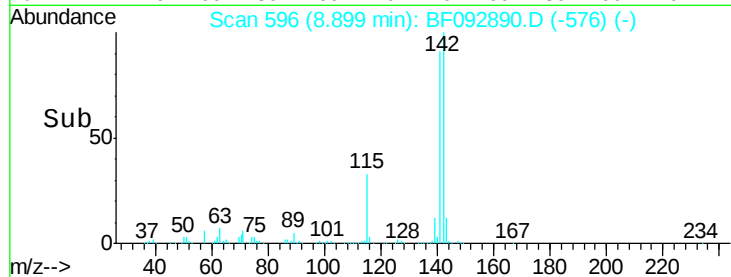
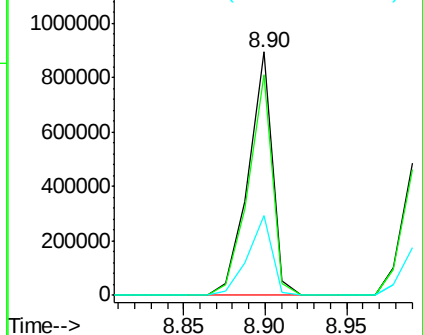
#37
 2-Methylnaphthalene
 Concen: 41.78 ng
 RT: 8.90 min Scan# 596
 Delta R.T. -0.07 min
 Lab File: BF092890.D
 Acq: 10 Feb 2017 18:34

Instrument :
 BNA_F
 ClientSampleId :
 PB96841BSD

Tgt Ion:142 Resp: 920679
 Ion Ratio Lower Upper
 142 100
 141 90.7 71.0 106.6
 115 32.8 28.3 42.5

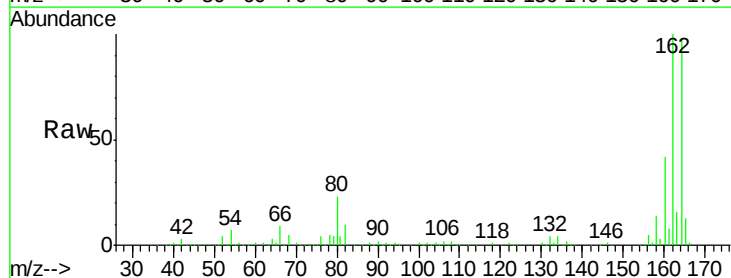


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

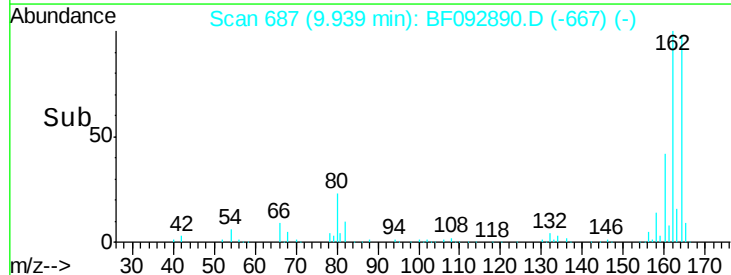
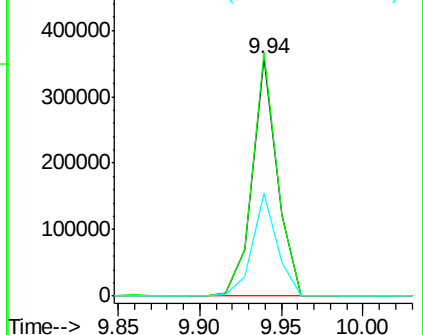


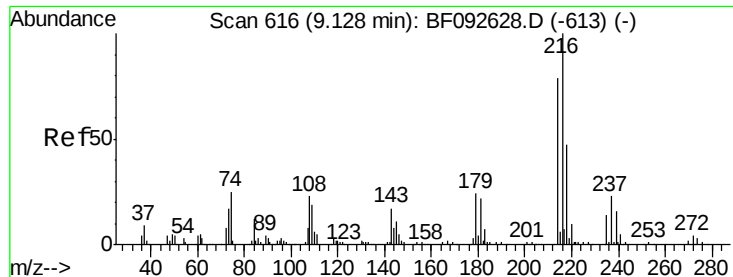
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.07 min
 Lab File: BF092890.D
 Acq: 10 Feb 2017 18:34

Tgt Ion:164 Resp: 381008
 Ion Ratio Lower Upper
 164 100
 162 102.2 80.2 120.2
 160 43.2 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.39 ng

RT: 9.06 min Scan# 610

Delta R.T. -0.07 min

Lab File: BF092890.D

Acq: 10 Feb 2017 18:34

Instrument :

BNA_F

ClientSampleId :

PB96841BSD

Tgt Ion:216 Resp: 389183

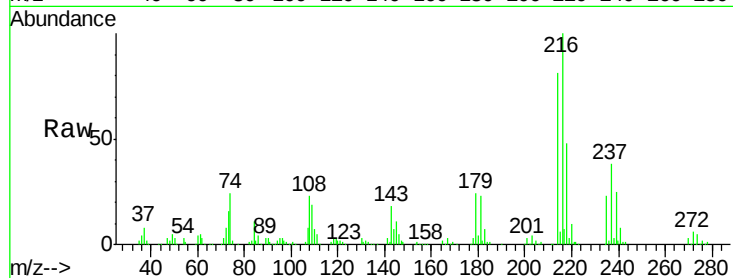
Ion Ratio Lower Upper

216 100

214 79.2 63.4 95.0

179 20.8 17.4 26.2

108 19.6 15.6 23.4

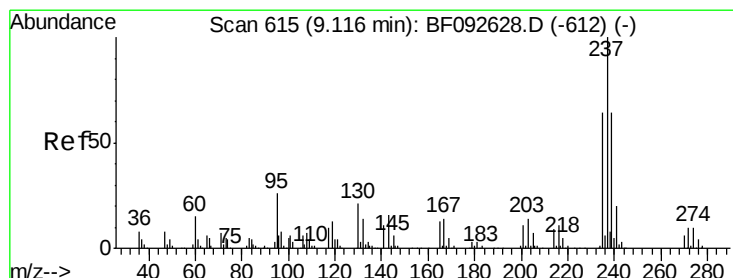
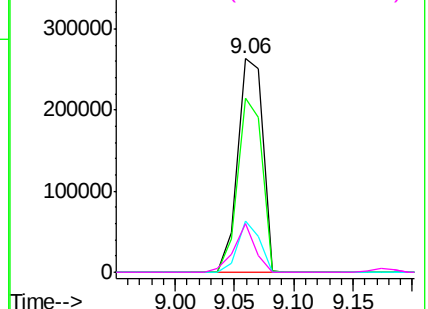
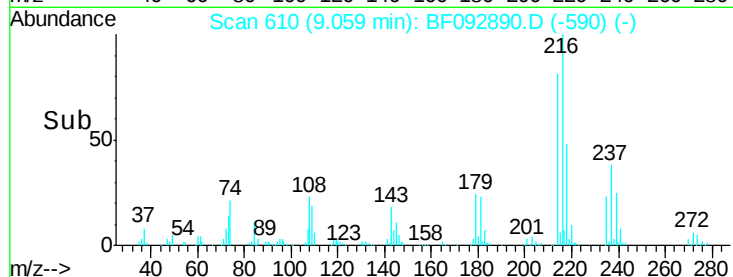


Abundance Ion 216.00 (215.70 to 216.70): E

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: 69.88 ng

RT: 9.05 min Scan# 609

Delta R.T. -0.07 min

Lab File: BF092890.D

Acq: 10 Feb 2017 18:34

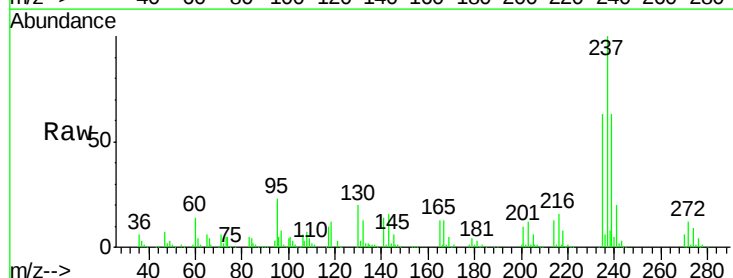
Tgt Ion:237 Resp: 337218

Ion Ratio Lower Upper

237 100

235 63.2 41.2 81.2

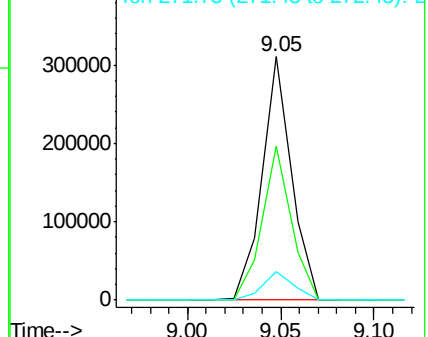
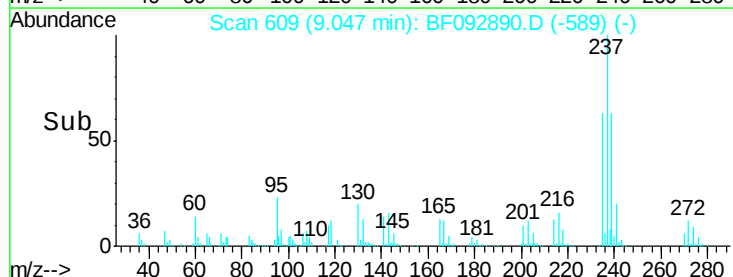
272 12.0 0.0 35.4



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

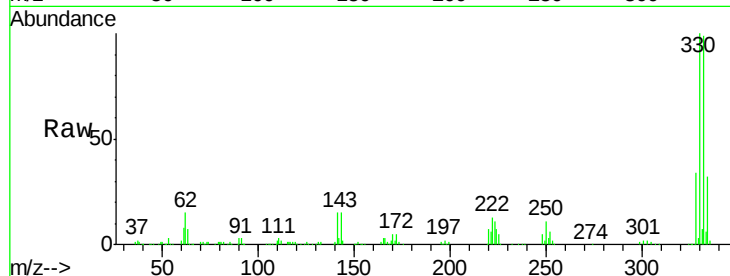




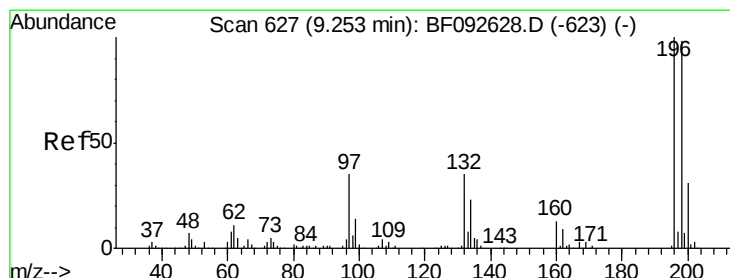
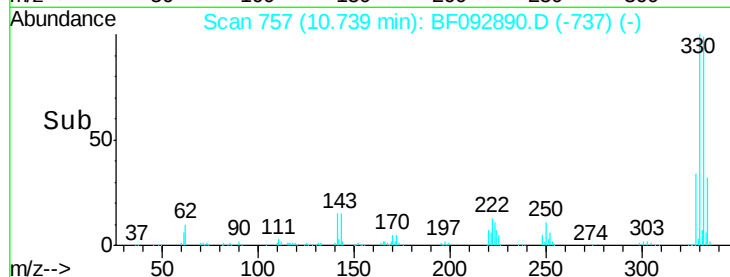
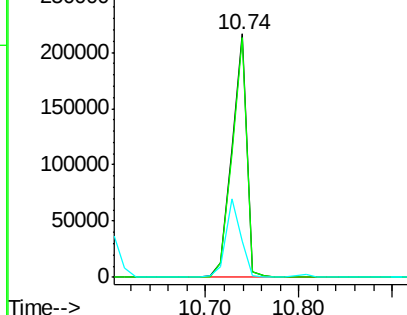
#41
 2,4,6-Tribromophenol
 Concen: 87.97 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.07 min
 Lab File: BF092890.D
 Acq: 10 Feb 2017 18:34

Instrument :
 BNA_F
 ClientSampleId :
 PB96841BSD

Tgt Ion:330 Resp: 242415
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.4 116.2
 141 32.7 34.1 51.1#

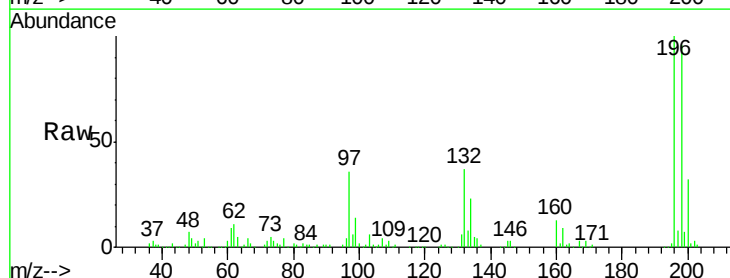


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

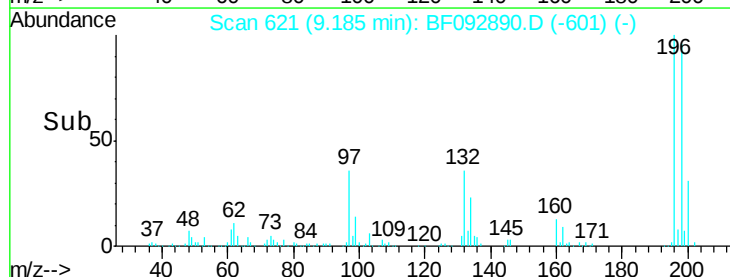
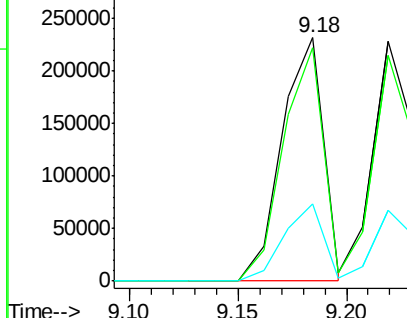


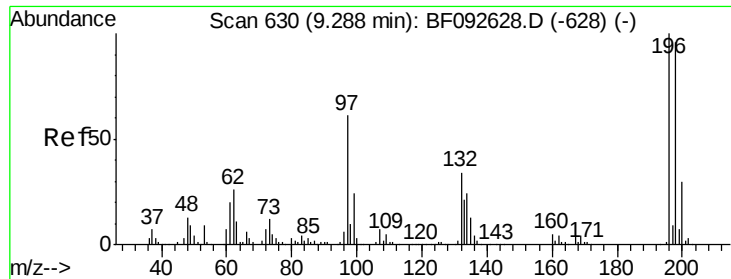
#42
 2,4,6-Trichlorophenol
 Concen: 43.76 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.07 min
 Lab File: BF092890.D
 Acq: 10 Feb 2017 18:34

Tgt Ion:196 Resp: 307504
 Ion Ratio Lower Upper
 196 100
 198 96.0 82.1 123.1
 200 31.5 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

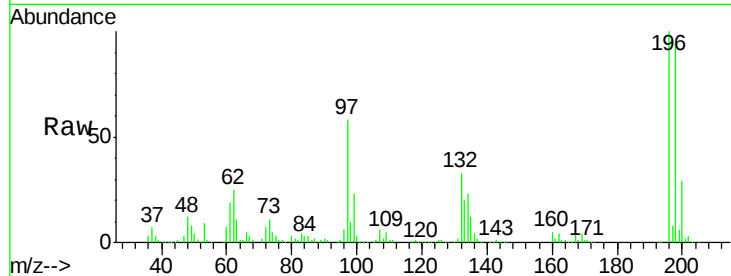




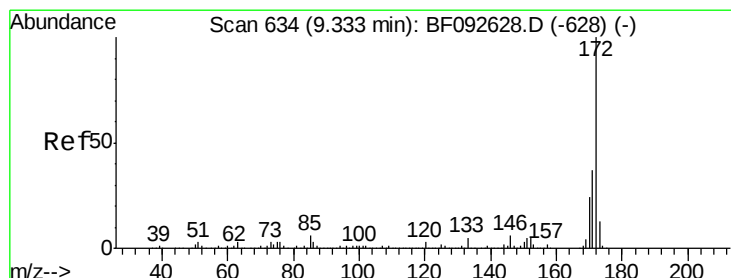
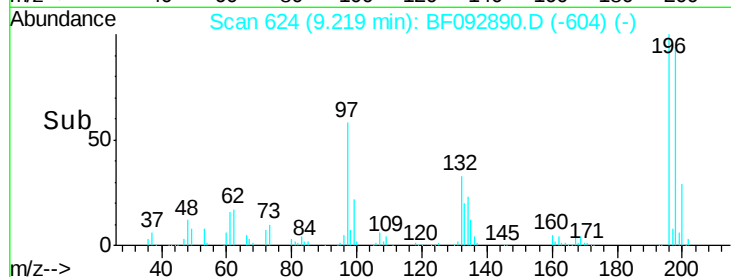
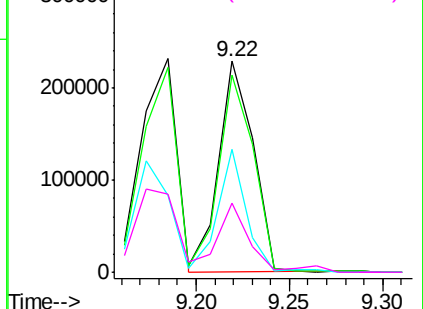
#43
 2,4,5-Trichlorophenol
 Concen: 38.29 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.07 min
 Lab File: BF092890.D
 Acq: 10 Feb 2017 18:34

Instrument :
 BNA_F
 ClientSampleId :
 PB96841BSD

Tgt Ion:196 Resp: 294844
 Ion Ratio Lower Upper
 196 100
 198 93.7 79.4 119.2
 97 58.1 51.5 77.3
 132 33.0 27.4 41.2

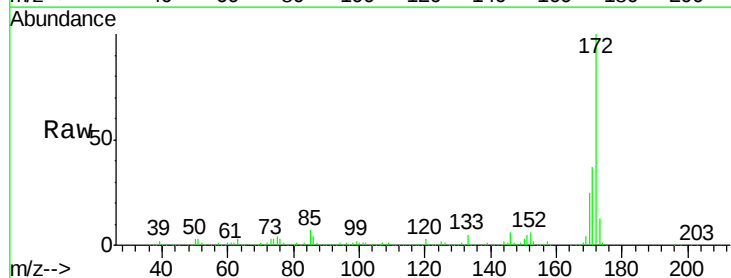


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

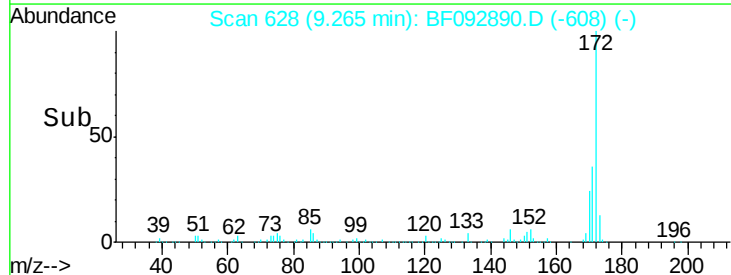
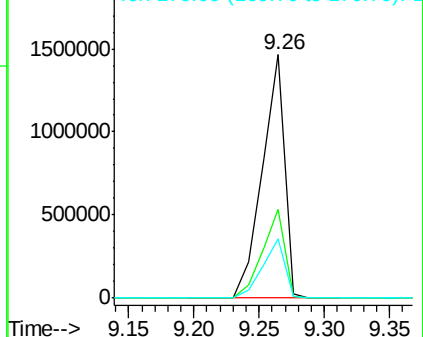


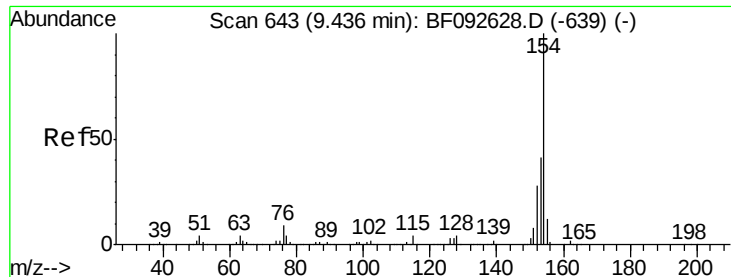
#44
 2-Fluorobiphenyl
 Concen: 83.45 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.07 min
 Lab File: BF092890.D
 Acq: 10 Feb 2017 18:34

Tgt Ion:172 Resp: 1755077
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.5 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

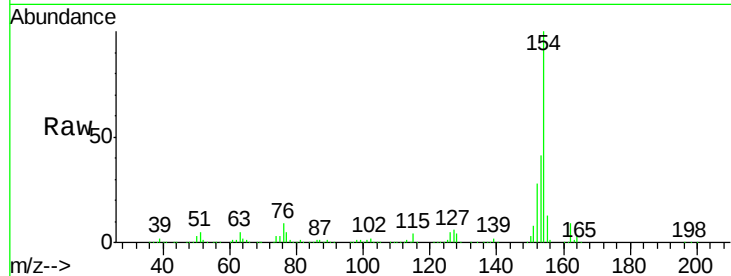




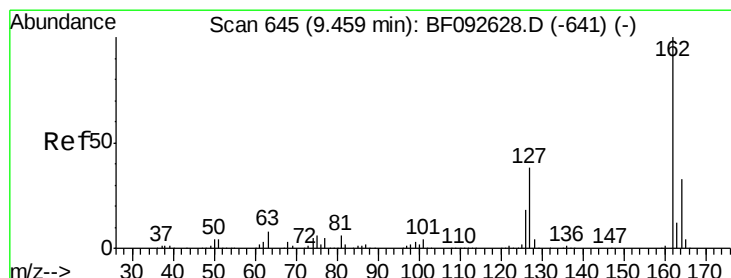
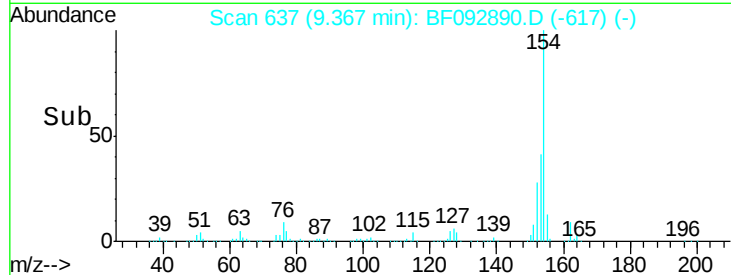
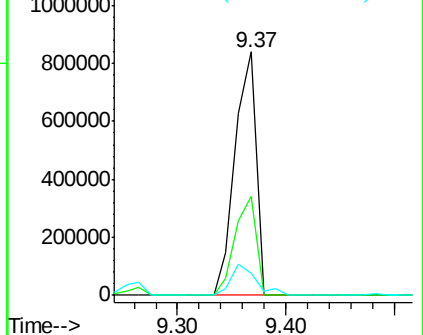
#45
 1,1'-Biphenyl
 Concen: 40.25 ng
 RT: 9.37 min Scan# 637
 Delta R.T. -0.07 min
 Lab File: BF092890.D
 Acq: 10 Feb 2017 18:34

Instrument :
 BNA_F
 ClientSampleId :
 PB96841BSD

Tgt Ion:154 Resp: 1110532
 Ion Ratio Lower Upper
 154 100
 153 40.7 20.9 60.9
 76 9.0 0.0 30.5

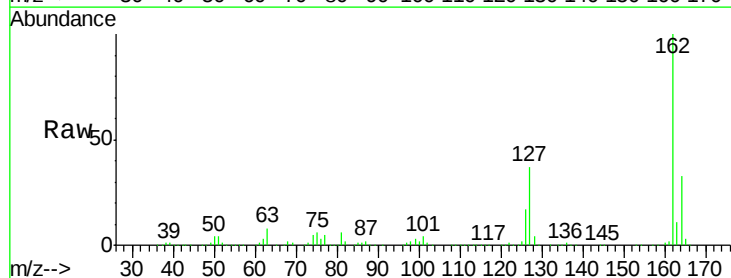


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

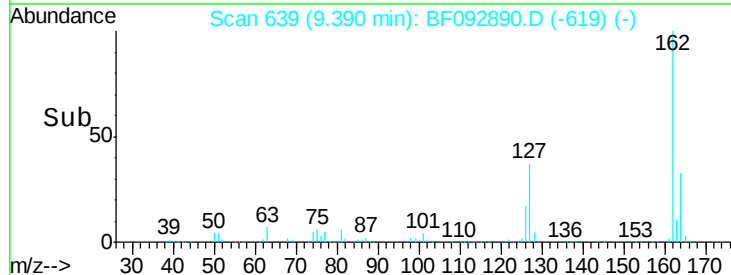
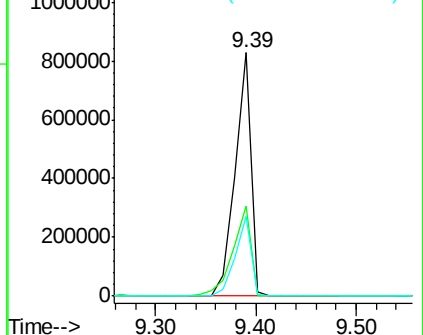


#46
 2-Chloronaphthalene
 Concen: 42.00 ng
 RT: 9.39 min Scan# 639
 Delta R.T. -0.07 min
 Lab File: BF092890.D
 Acq: 10 Feb 2017 18:34

Tgt Ion:162 Resp: 906471
 Ion Ratio Lower Upper
 162 100
 127 37.0 30.7 46.1
 164 32.8 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

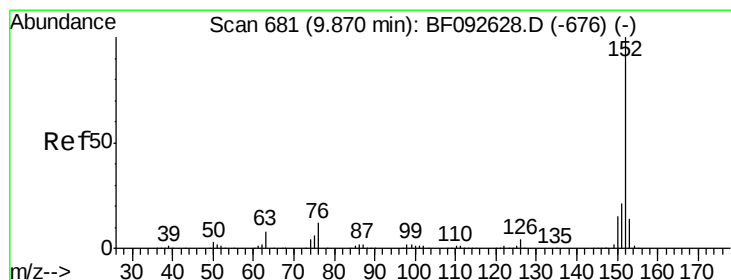
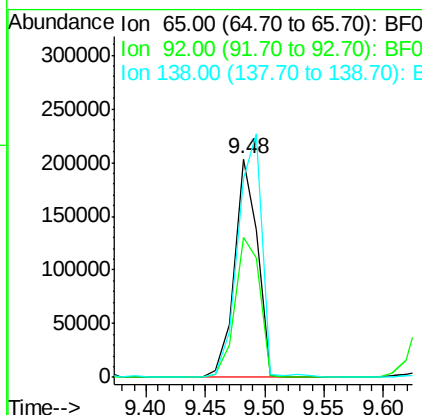
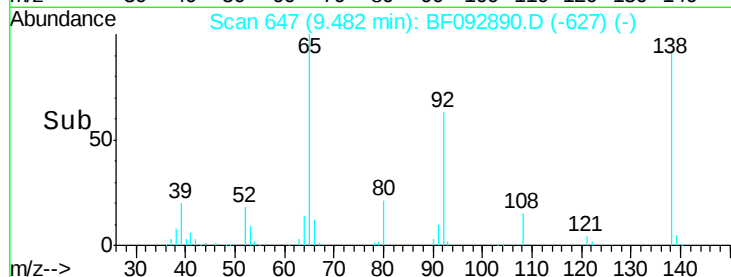
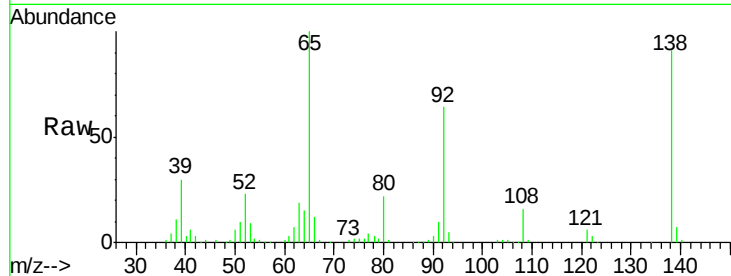




#47
2-Nitroaniline
Concen: 37.76 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.07 min
Lab File: BF092890.D
Acq: 10 Feb 2017 18:34

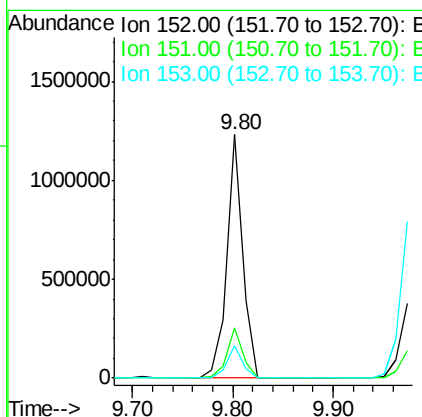
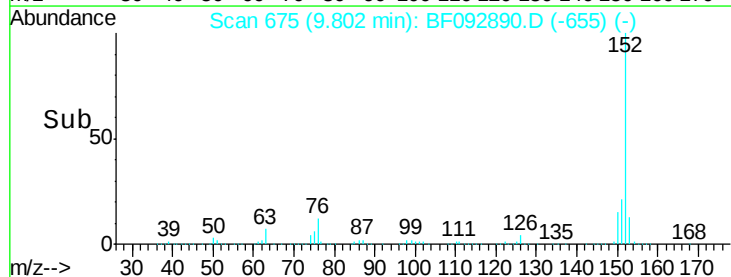
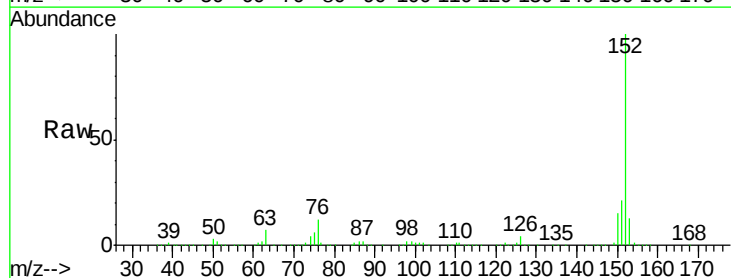
Instrument :
BNA_F
ClientSampleId :
PB96841BSD

Tgt Ion: 65 Resp: 274030
Ion Ratio Lower Upper
65 100
92 64.1 53.9 80.9
138 91.2 76.8 115.2



#48
Acenaphthylene
Concen: 36.06 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.07 min
Lab File: BF092890.D
Acq: 10 Feb 2017 18:34

Tgt Ion: 152 Resp: 1344383
Ion Ratio Lower Upper
152 100
151 20.6 16.9 25.3
153 13.4 11.4 17.2

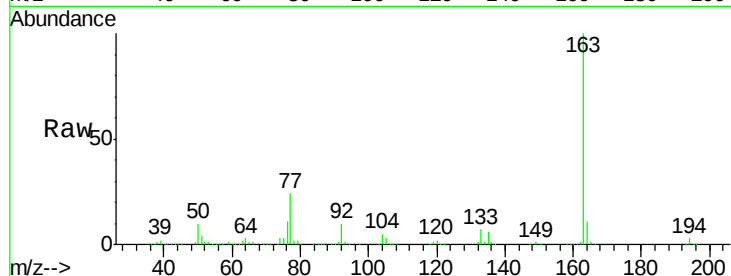




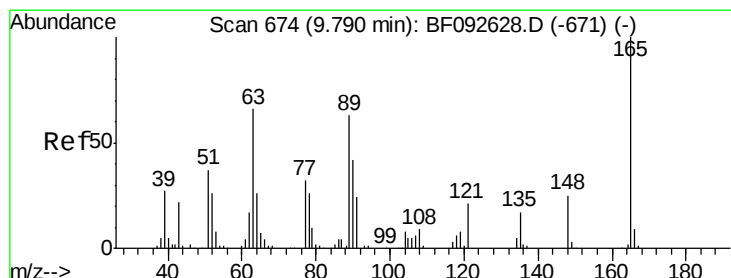
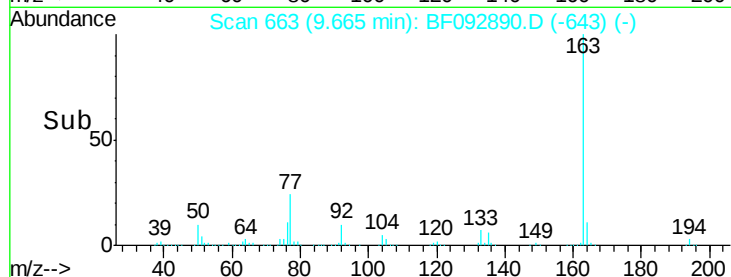
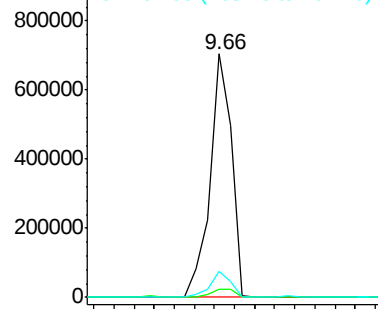
#49
Dimethylphthalate
Concen: 40.52 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.07 min
Lab File: BF092890.D
Acq: 10 Feb 2017 18:34

Instrument :
BNA_F
ClientSampleId :
PB96841BSD

Tgt Ion:163 Resp: 1039825
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 10.6 8.0 12.0

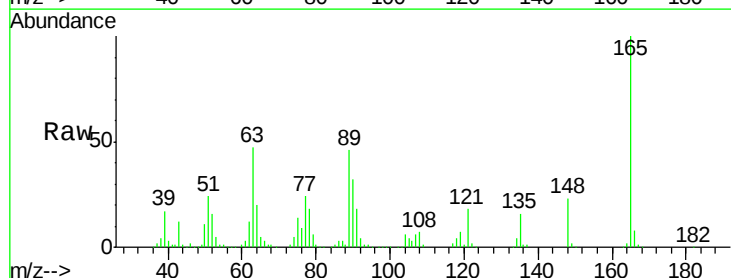


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

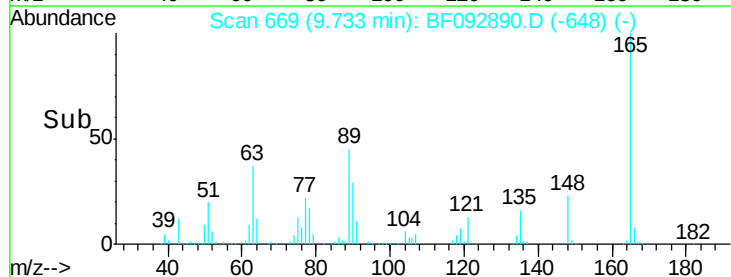
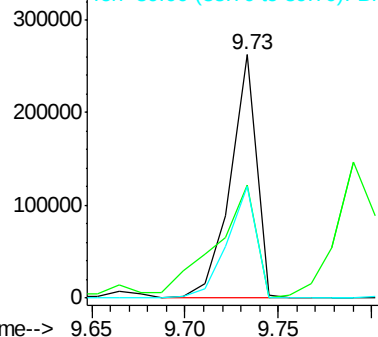


#50
2,6-Dinitrotoluene
Concen: 45.94 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.06 min
Lab File: BF092890.D
Acq: 10 Feb 2017 18:34

Tgt Ion:165 Resp: 254596
Ion Ratio Lower Upper
165 100
63 46.6 36.2 54.4
89 45.9 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: 38.48 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.07 min

Lab File: BF092890.D

Acq: 10 Feb 2017 18:34

Instrument :

BNA_F

ClientSampleId :

PB96841BSD

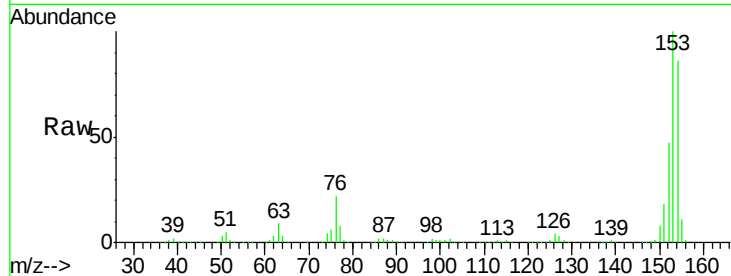
Tgt Ion:154 Resp: 857659

Ion Ratio Lower Upper

154 100

153 115.7 88.6 133.0

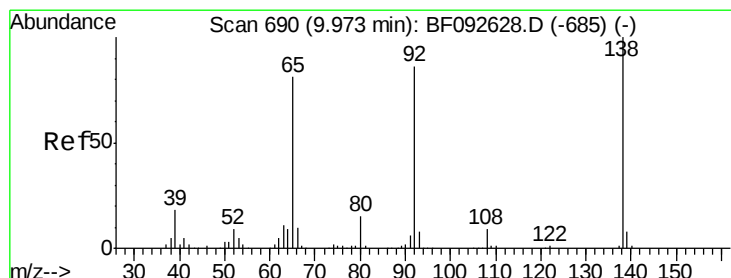
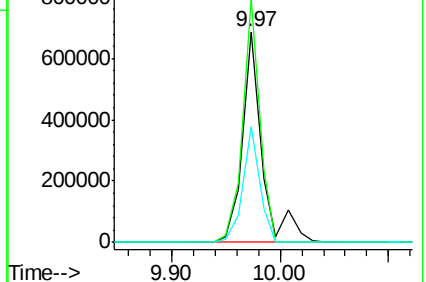
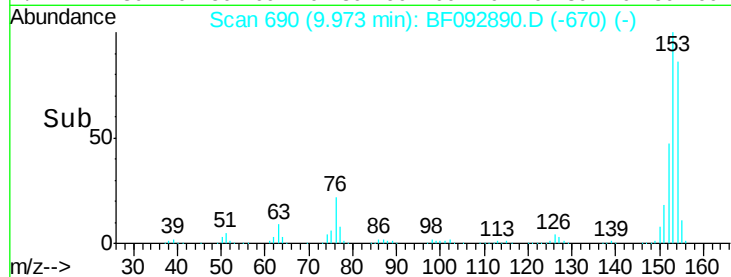
152 54.8 41.6 62.4



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: 13.76 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.08 min

Lab File: BF092890.D

Acq: 10 Feb 2017 18:34

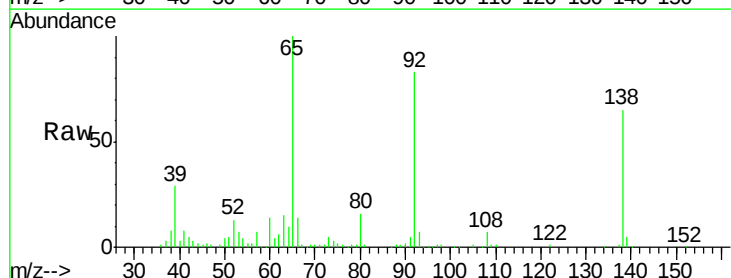
Tgt Ion:138 Resp: 87271

Ion Ratio Lower Upper

138 100

108 11.3 8.5 12.7

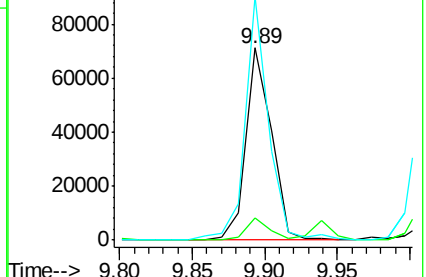
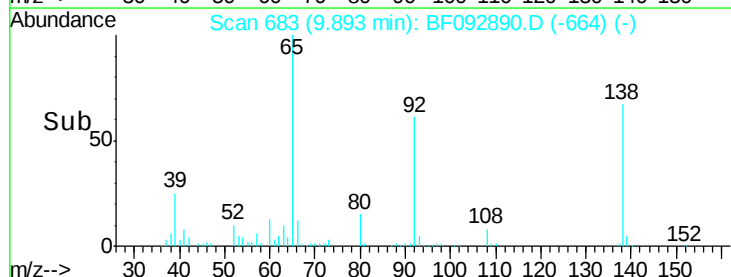
92 126.9 97.8 146.8

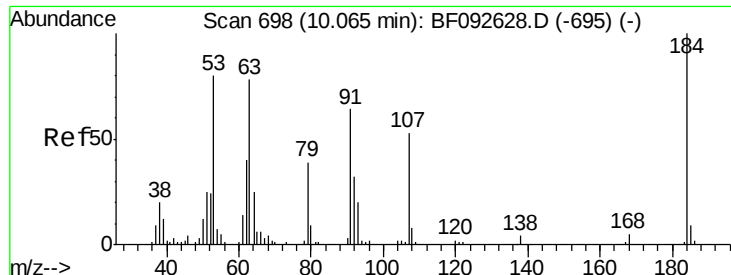


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

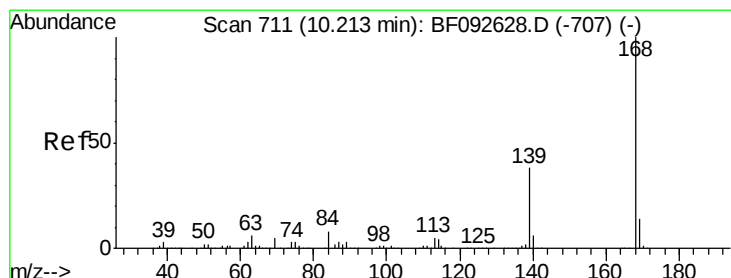
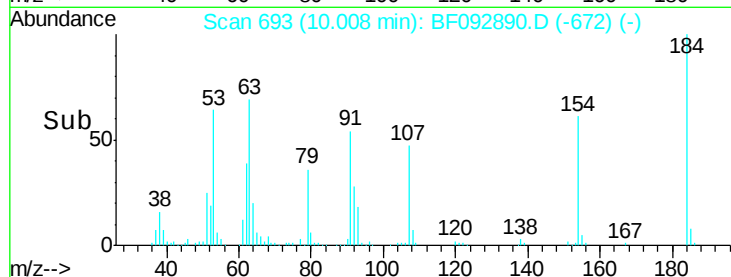
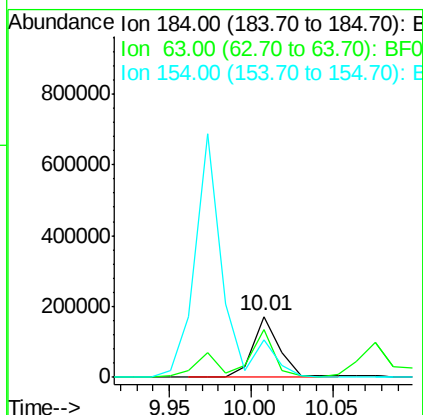
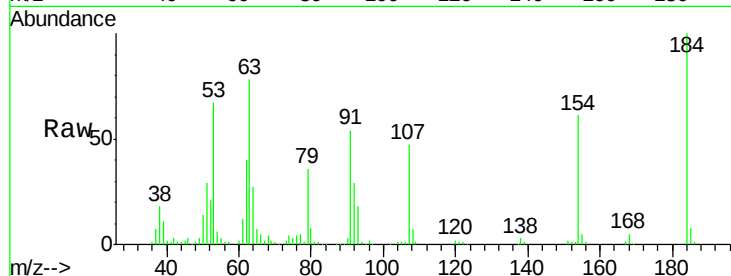




#53
2,4-Dinitrophenol
Concen: 70.44 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.06 min
Lab File: BF092890.D
Acq: 10 Feb 2017 18:34

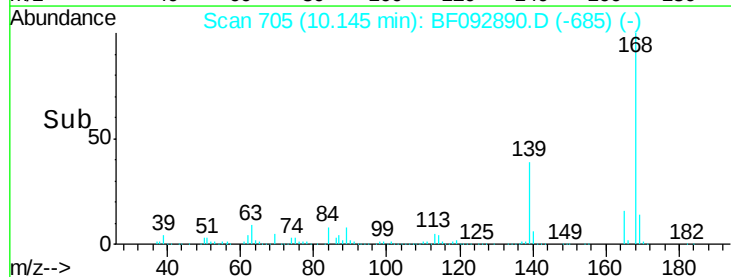
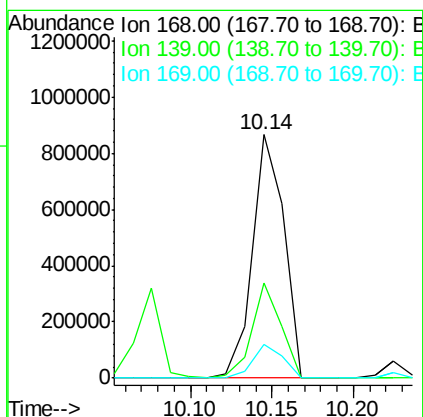
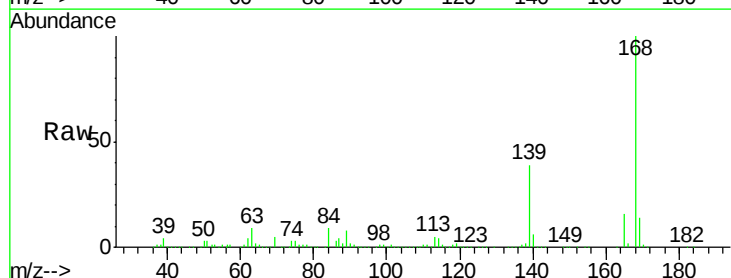
Instrument :
BNA_F
ClientSampleId :
PB96841BSD

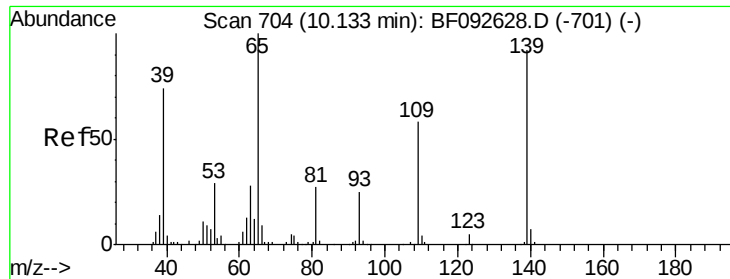
Tgt Ion:184 Resp: 196898
Ion Ratio Lower Upper
184 100
63 78.2 28.4 42.6#
154 60.8 44.3 66.5



#54
Dibenzofuran
Concen: 38.90 ng
RT: 10.14 min Scan# 705
Delta R.T. -0.07 min
Lab File: BF092890.D
Acq: 10 Feb 2017 18:34

Tgt Ion:168 Resp: 1159748
Ion Ratio Lower Upper
168 100
139 39.0 32.6 49.0
169 13.7 11.3 16.9

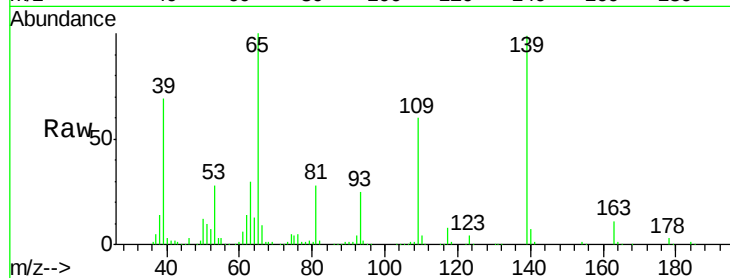




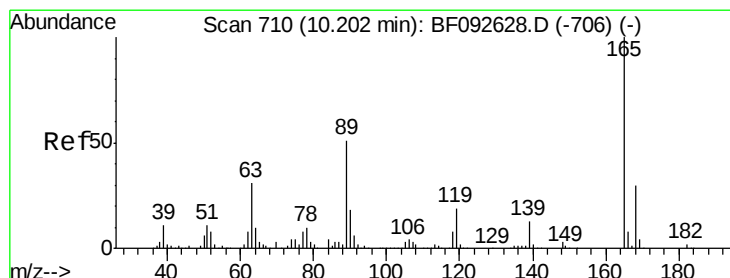
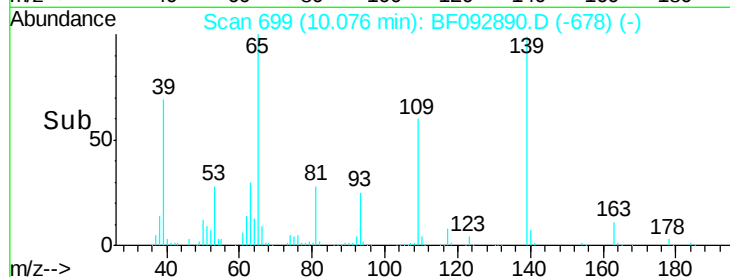
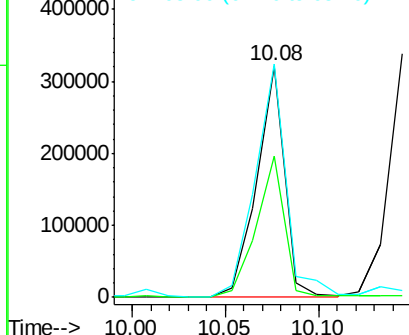
#55
4-Nitrophenol
Concen: 73.07 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.06 min
Lab File: BF092890.D
Acq: 10 Feb 2017 18:34

Instrument :
BNA_F
ClientSampleId :
PB96841BSD

Tgt Ion:139 Resp: 333797
Ion Ratio Lower Upper
139 100
109 61.1 52.2 92.2
65 101.1 85.8 125.8



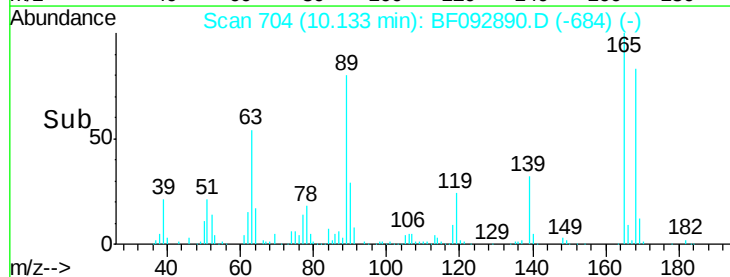
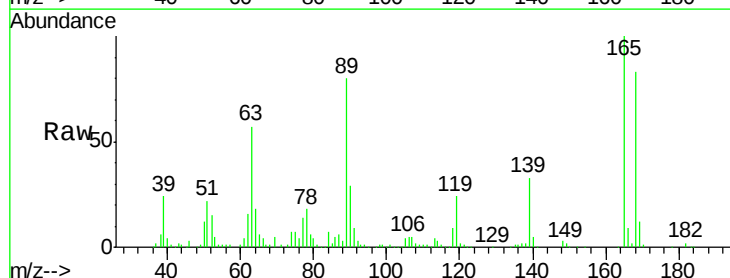
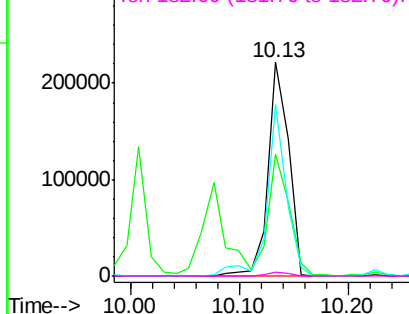
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

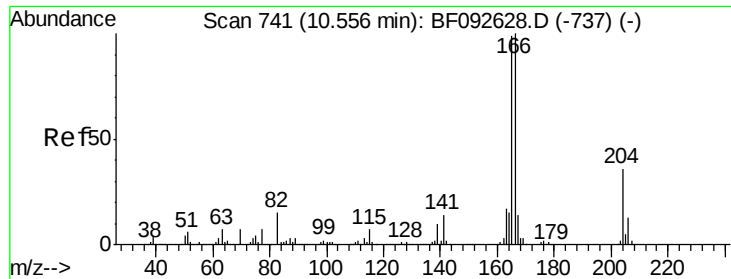


#56
2,4-Dinitrotoluene
Concen: 39.39 ng
RT: 10.13 min Scan# 704
Delta R.T. -0.07 min
Lab File: BF092890.D
Acq: 10 Feb 2017 18:34

Tgt Ion:165 Resp: 290627
Ion Ratio Lower Upper
165 100
63 56.7 40.2 60.4
89 80.2 62.5 93.7
182 2.0 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

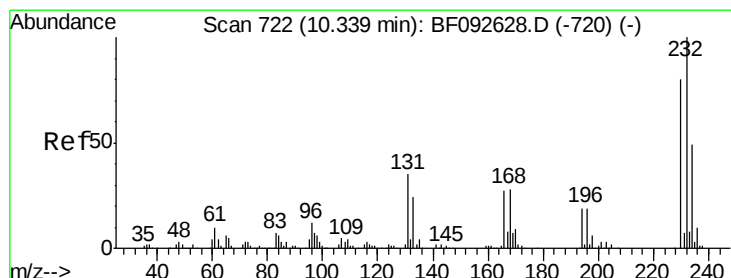
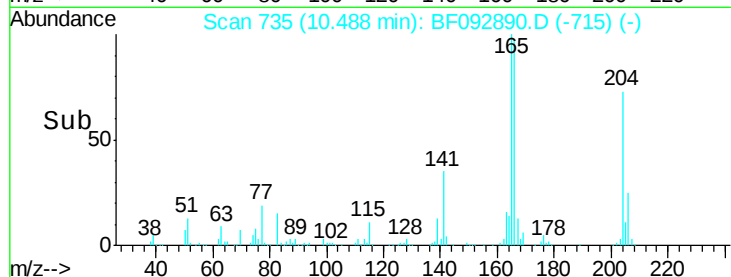
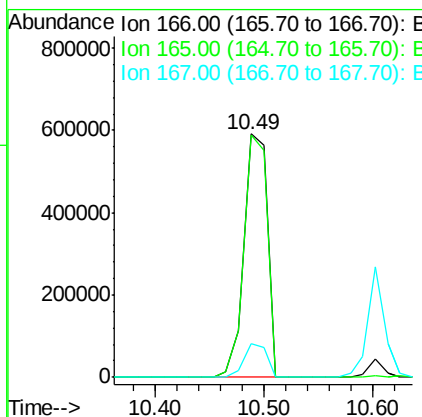
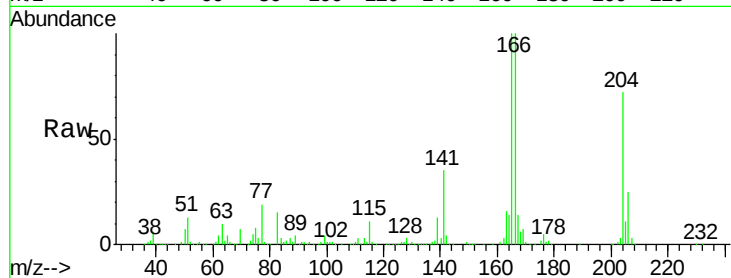




#57
Fluorene
 Concen: 38.46 ng
 RT: 10.49 min Scan# 735
 Delta R.T. -0.07 min
 Lab File: BF092890.D
 Acq: 10 Feb 2017 18:34

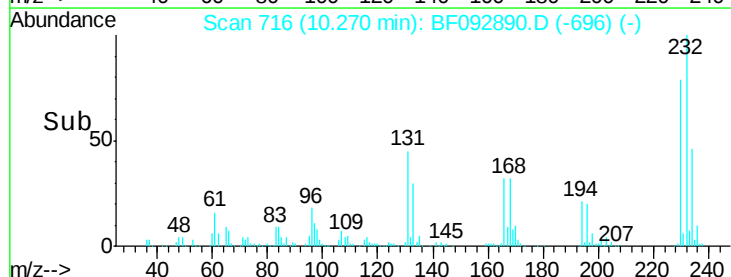
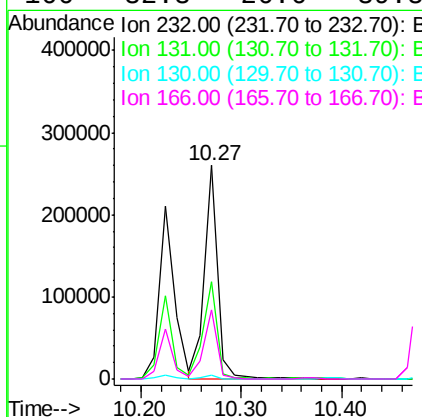
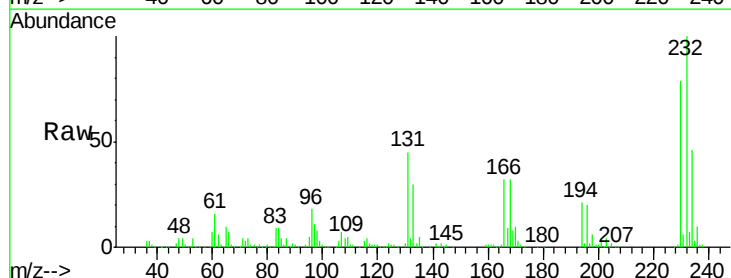
Instrument :
 BNA_F
 ClientSampleId :
 PB96841BSD

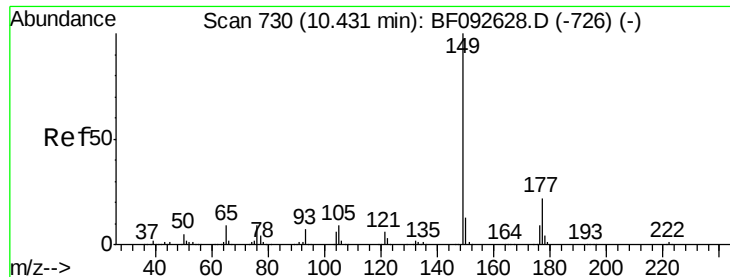
Tgt Ion:166 Resp: 882240
 Ion Ratio Lower Upper
 166 100
 165 99.6 77.8 116.8
 167 14.0 10.8 16.2



#58
2,3,4,6-Tetrachlorophenol
 Concen: 46.18 ng
 RT: 10.27 min Scan# 716
 Delta R.T. -0.07 min
 Lab File: BF092890.D
 Acq: 10 Feb 2017 18:34

Tgt Ion:232 Resp: 237209
 Ion Ratio Lower Upper
 232 100
 131 48.8 40.1 60.1
 130 2.2 1.8 2.8
 166 32.3 26.6 39.8

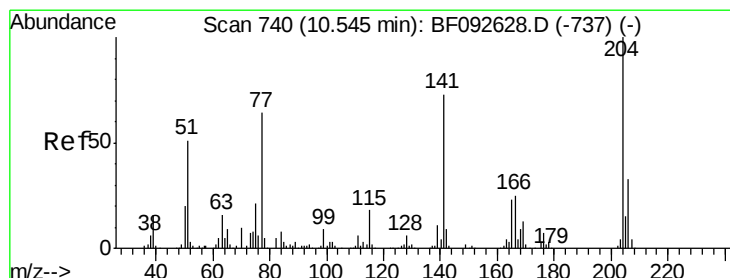
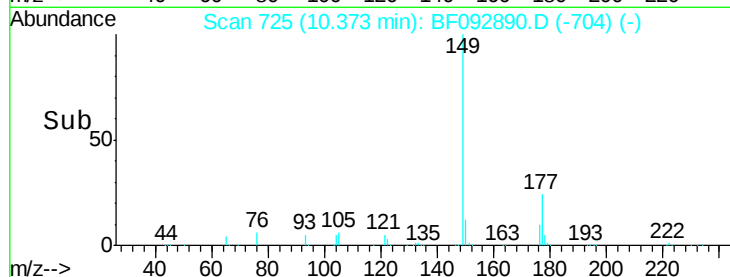
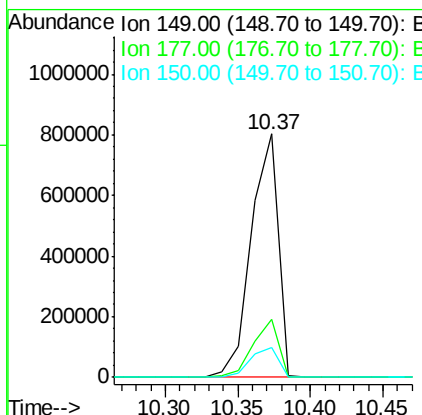
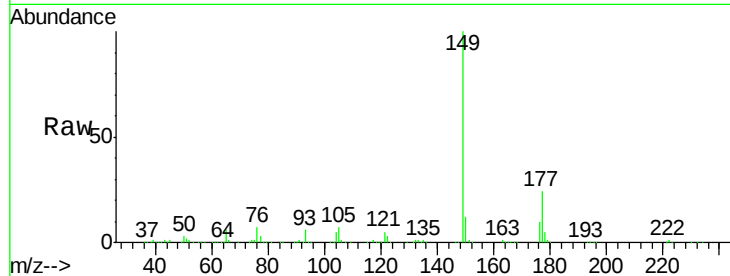




#59
Diethylphthalate
Concen: 42.99 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.06 min
Lab File: BF092890.D
Acq: 10 Feb 2017 18:34

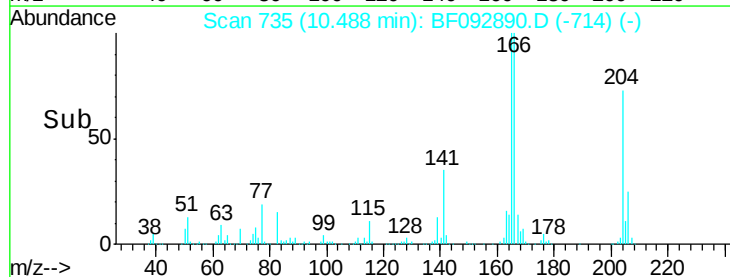
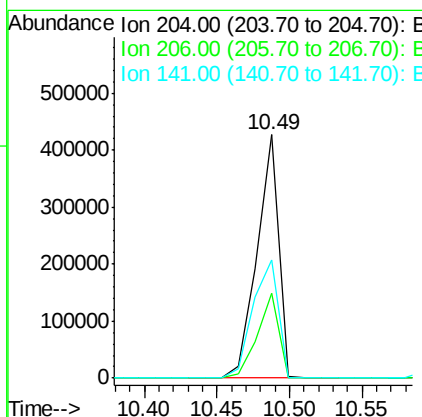
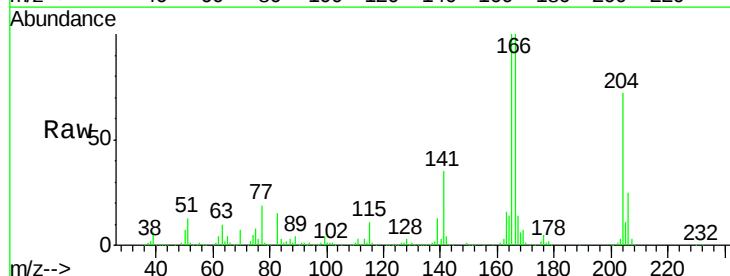
Instrument :
BNA_F
ClientSampleId :
PB96841BSD

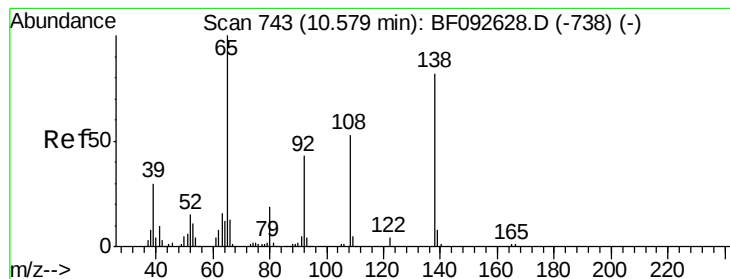
Tgt Ion:149 Resp: 1039747
Ion Ratio Lower Upper
149 100
177 24.1 16.6 25.0
150 12.1 10.4 15.6



#60
4-Chlorophenyl-phenylether
Concen: 40.04 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.06 min
Lab File: BF092890.D
Acq: 10 Feb 2017 18:34

Tgt Ion:204 Resp: 441213
Ion Ratio Lower Upper
204 100
206 35.1 25.8 38.6
141 48.7 59.4 89.0#





#61

4-Nitroaniline

Concen: 38.08 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.06 min

Lab File: BF092890.D

Acq: 10 Feb 2017 18:34

Instrument :

BNA_F

ClientSampleId :

PB96841BSD

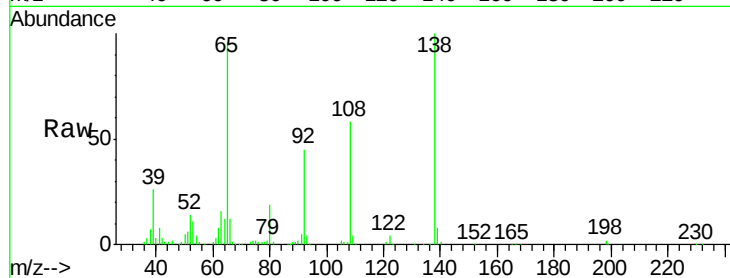
Tgt Ion:138 Resp: 247359

Ion Ratio Lower Upper

138 100

92 45.2 31.7 71.7

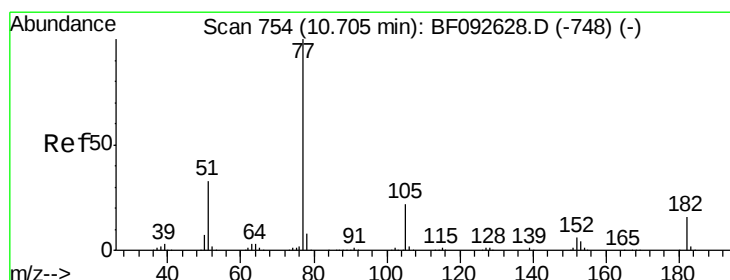
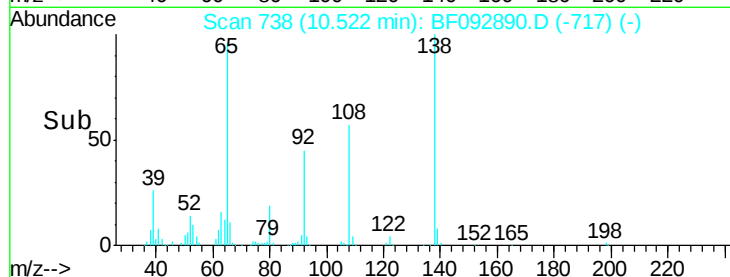
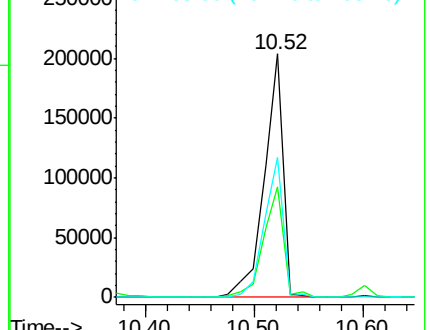
108 57.6 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 44.93 ng

RT: 10.65 min Scan# 749

Delta R.T. -0.06 min

Lab File: BF092890.D

Acq: 10 Feb 2017 18:34

Tgt Ion: 77 Resp: 1122685

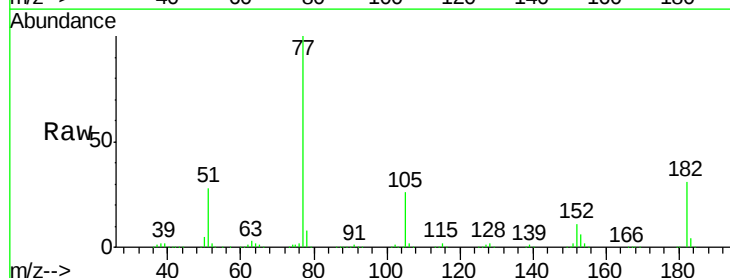
Ion Ratio Lower Upper

77 100

182 31.1 0.0 39.3

105 25.8 2.3 42.3

51 27.9 8.9 48.9

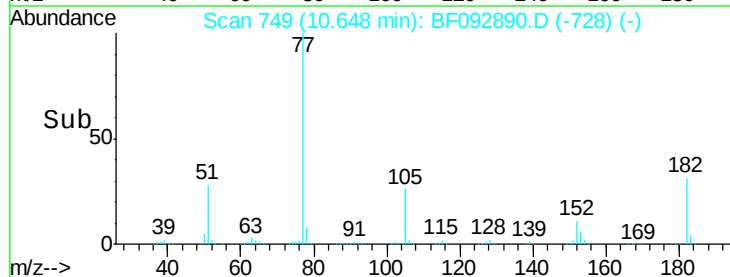
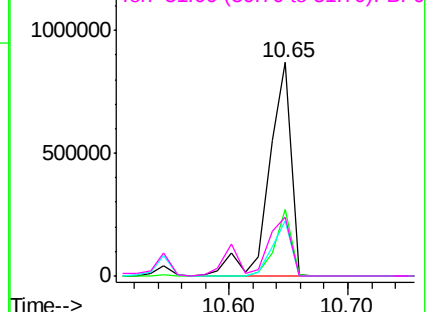


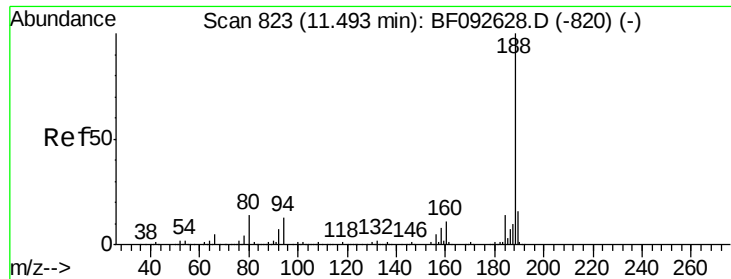
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

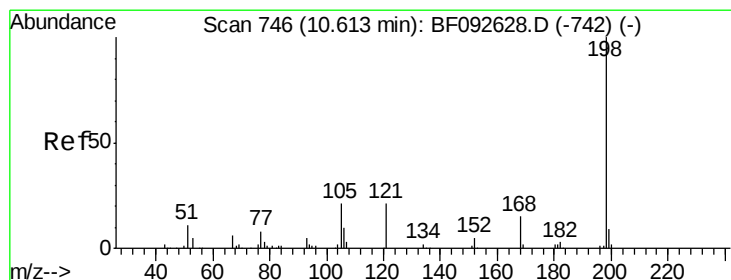
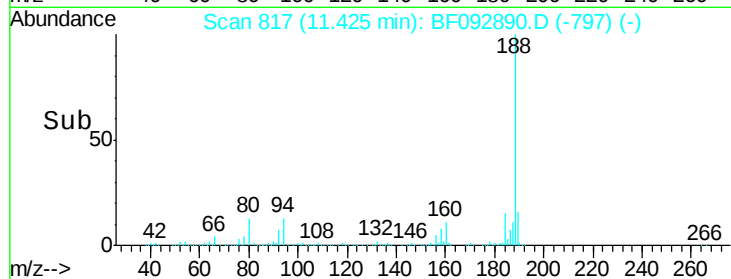
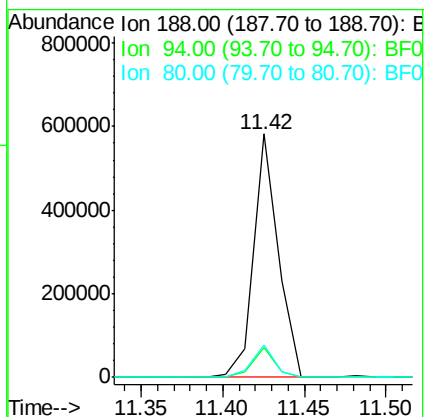
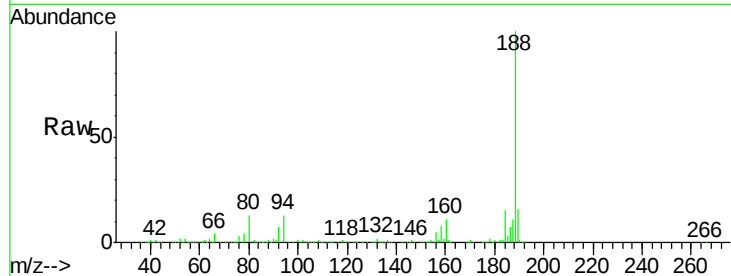




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. -0.07 min
Lab File: BF092890.D
Acq: 10 Feb 2017 18:34

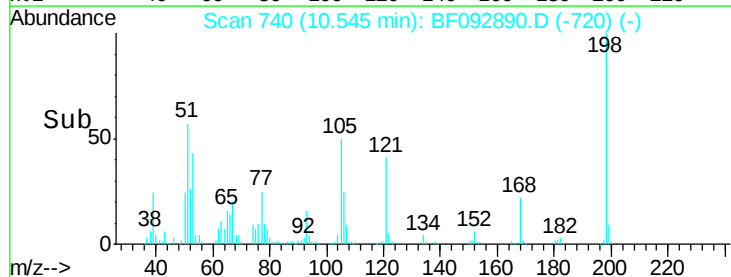
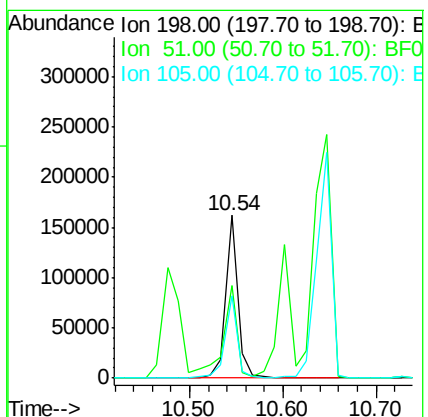
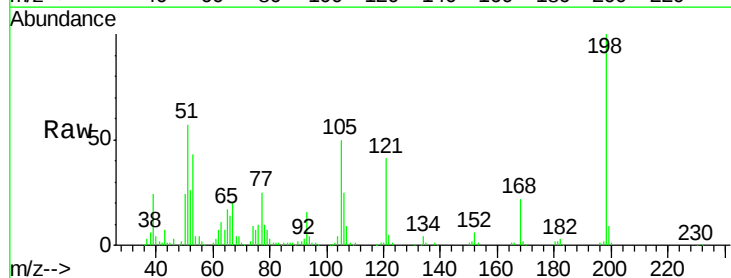
Instrument :
BNA_F
ClientSampleId :
PB96841BSD

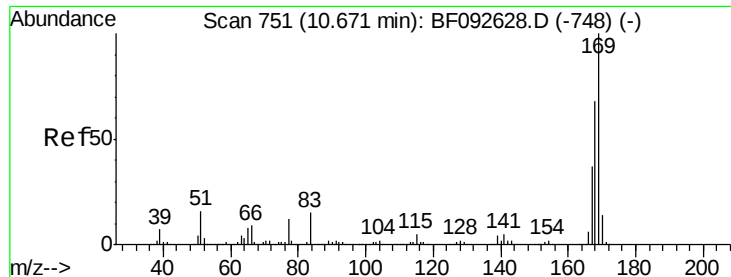
Tgt Ion:188 Resp: 613457
Ion Ratio Lower Upper
188 100
94 12.5 10.0 15.0
80 13.5 11.2 16.8



#64
4,6-Dinitro-2-methylphenol
Concen: 39.96 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.07 min
Lab File: BF092890.D
Acq: 10 Feb 2017 18:34

Tgt Ion:198 Resp: 147436
Ion Ratio Lower Upper
198 100
51 57.0 6.7 46.7#
105 50.4 16.6 56.6





#65

n-Nitrosodiphenylamine

Concen: 39.22 ng

RT: 10.60 min Scan# 745

Delta R.T. -0.07 min

Lab File: BF092890.D

Acq: 10 Feb 2017 18:34

Instrument :

BNA_F

ClientSampleId :

PB96841BSD

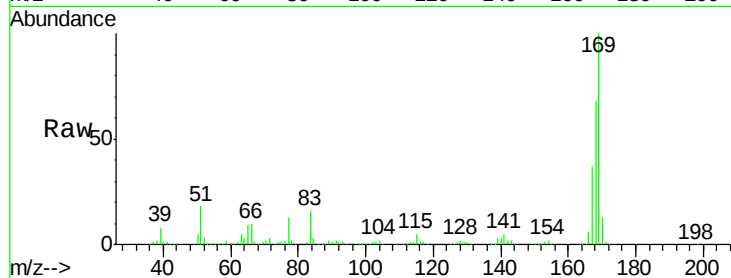
Tgt Ion:169 Resp: 768633

Ion Ratio Lower Upper

169 100

168 68.0 54.2 81.2

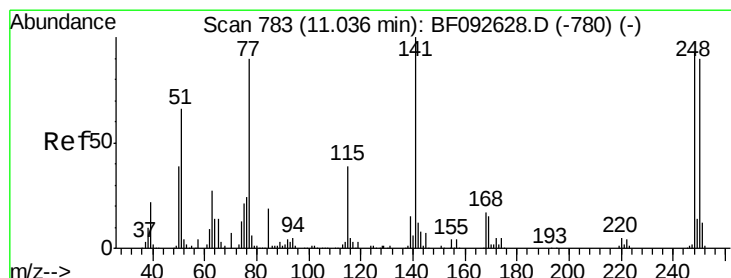
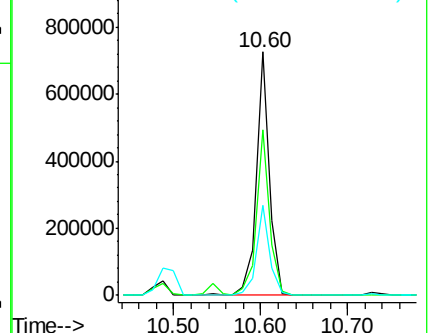
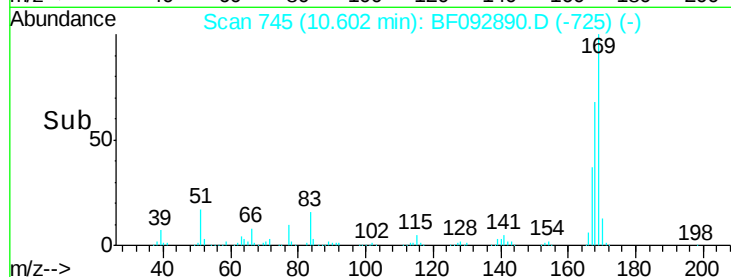
167 37.2 30.2 45.4



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: 38.90 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.07 min

Lab File: BF092890.D

Acq: 10 Feb 2017 18:34

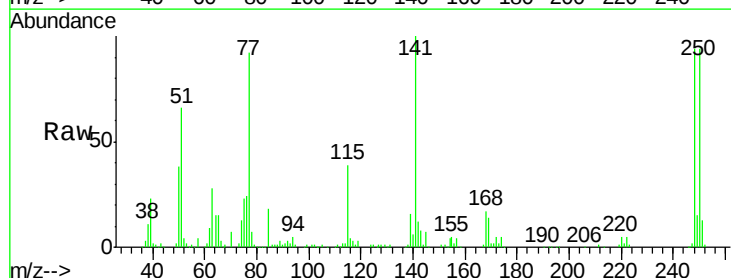
Tgt Ion:248 Resp: 249324

Ion Ratio Lower Upper

248 100

250 99.8 76.9 115.3

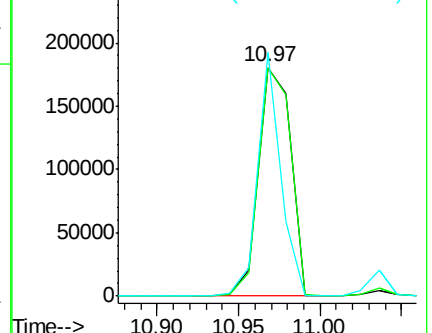
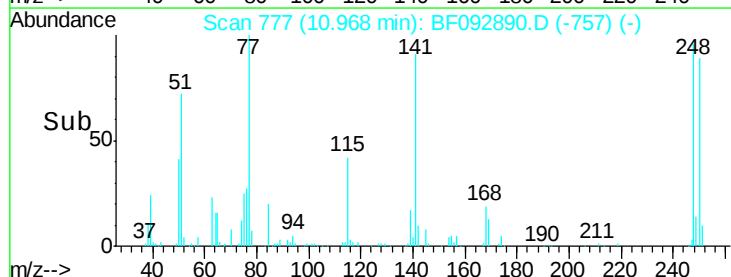
141 106.4 68.2 102.4#



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

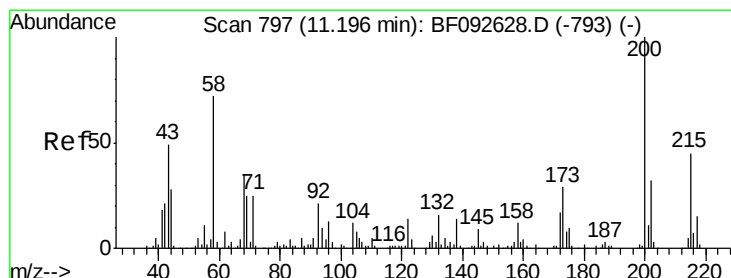
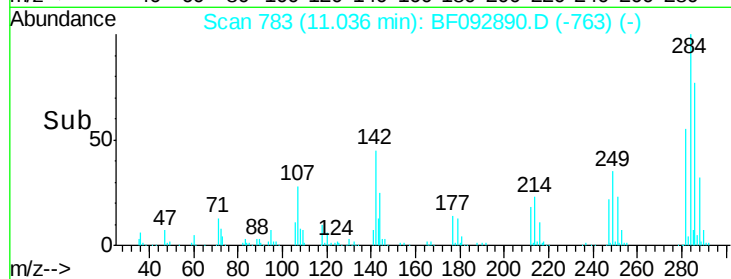
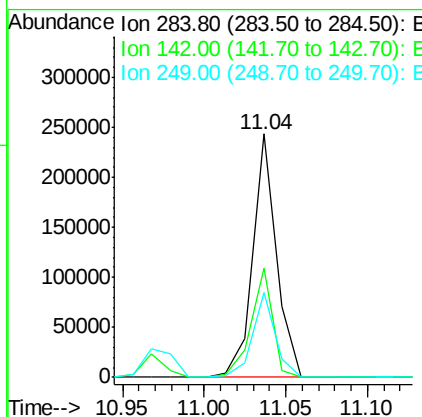
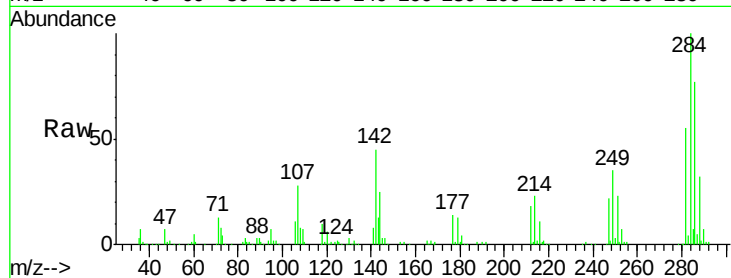




#67
Hexachlorobenzene
Concen: 38.70 ng
RT: 11.04 min Scan# 783
Delta R.T. -0.07 min
Lab File: BF092890.D
Acq: 10 Feb 2017 18:34

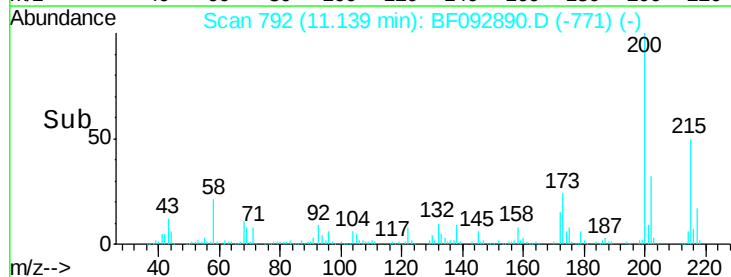
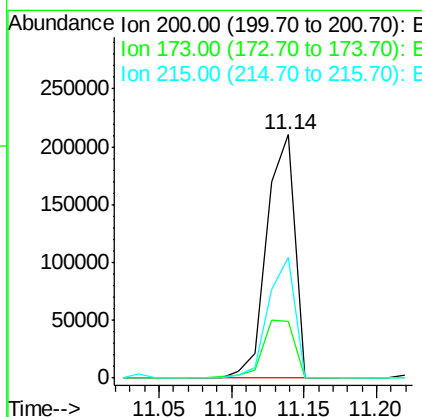
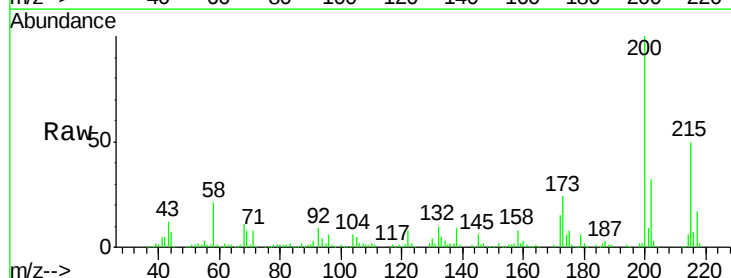
Instrument :
BNA_F
ClientSampleId :
PB96841BSD

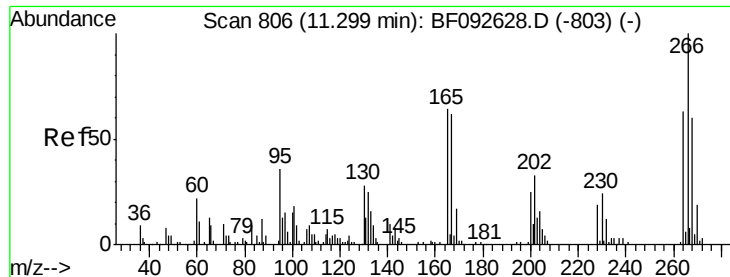
Tgt Ion:284 Resp: 245108
Ion Ratio Lower Upper
284 100
142 44.6 22.6 33.8#
249 34.9 25.4 38.0



#68
Atrazine
Concen: 44.52 ng
RT: 11.14 min Scan# 792
Delta R.T. -0.06 min
Lab File: BF092890.D
Acq: 10 Feb 2017 18:34

Tgt Ion:200 Resp: 279956
Ion Ratio Lower Upper
200 100
173 23.6 9.6 49.6
215 49.6 25.7 65.7

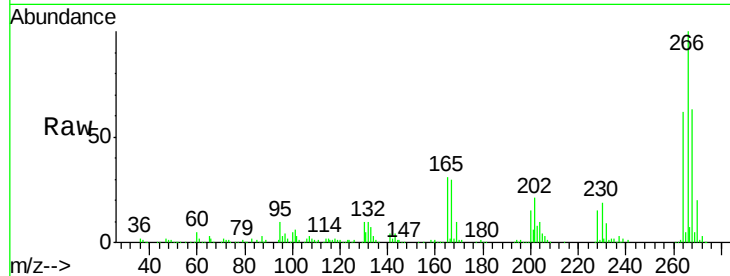




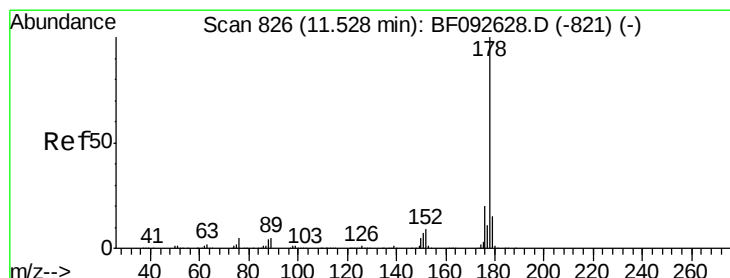
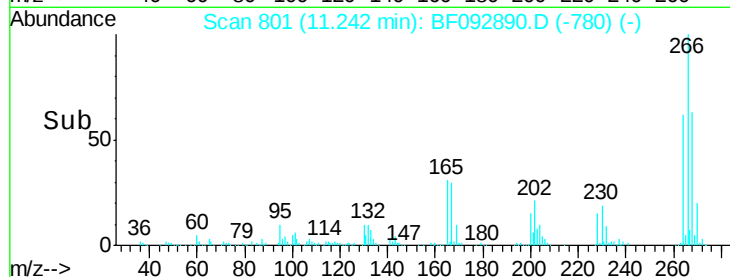
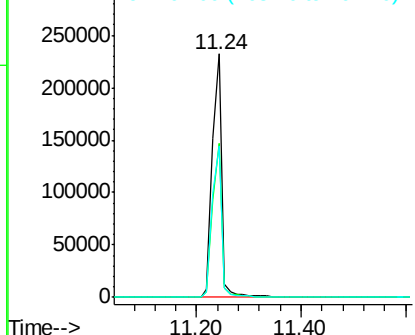
#69
 Pentachlorophenol
 Concen: 89.07 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.06 min
 Lab File: BF092890.D
 Acq: 10 Feb 2017 18:34

Instrument :
 BNA_F
 ClientSampleId :
 PB96841BSD

Tgt Ion:266 Resp: 294167
 Ion Ratio Lower Upper
 266 100
 268 63.5 53.3 79.9
 264 62.3 50.3 75.5

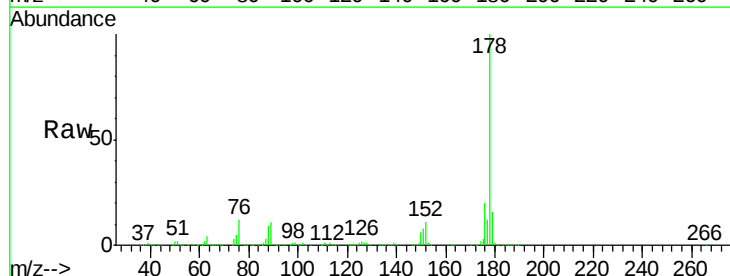


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

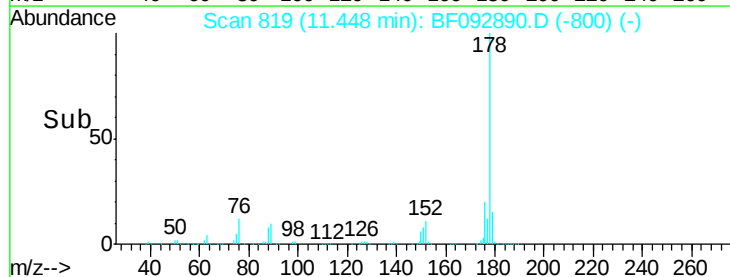
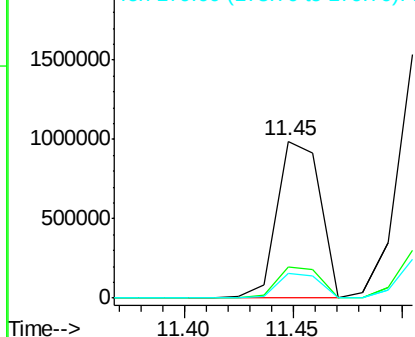


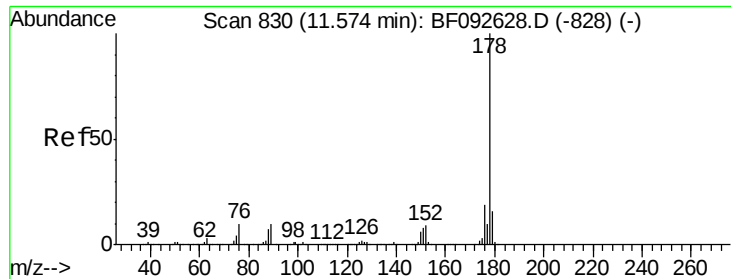
#70
 Phenanthrene
 Concen: 39.06 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.08 min
 Lab File: BF092890.D
 Acq: 10 Feb 2017 18:34

Tgt Ion:178 Resp: 1372933
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.6 25.0
 179 15.6 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: 39.22 ng

RT: 11.50 min Scan# 824

Delta R.T. -0.07 min

Lab File: BF092890.D

Acq: 10 Feb 2017 18:34

Instrument :

BNA_F

ClientSampleId :

PB96841BSD

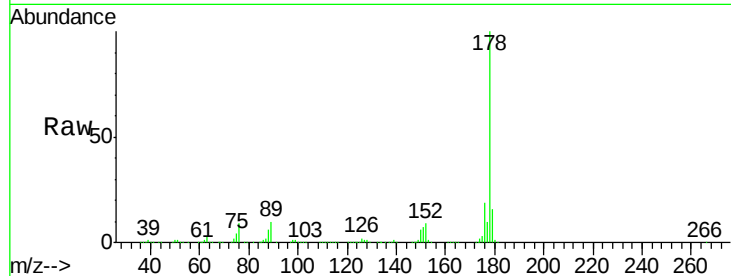
Tgt Ion:178 Resp: 1384129

Ion Ratio Lower Upper

178 100

176 19.4 15.9 23.9

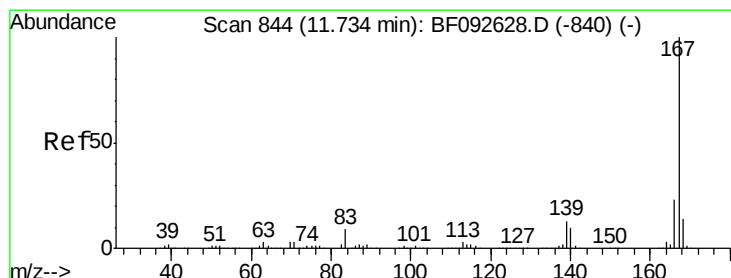
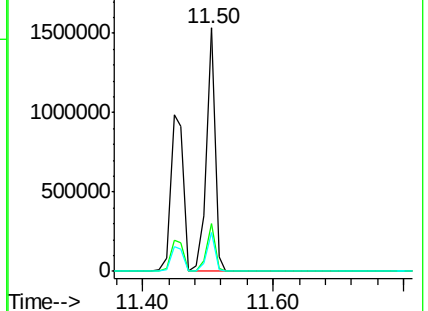
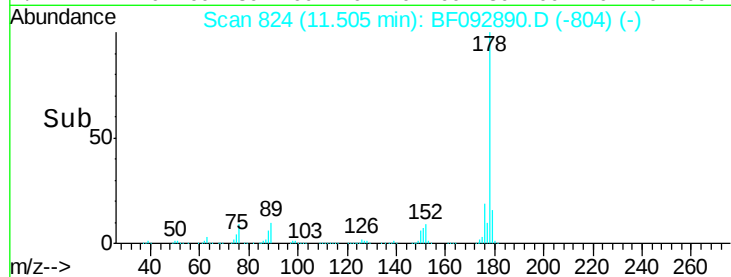
179 15.7 13.2 19.8



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: 39.92 ng

RT: 11.66 min Scan# 838

Delta R.T. -0.07 min

Lab File: BF092890.D

Acq: 10 Feb 2017 18:34

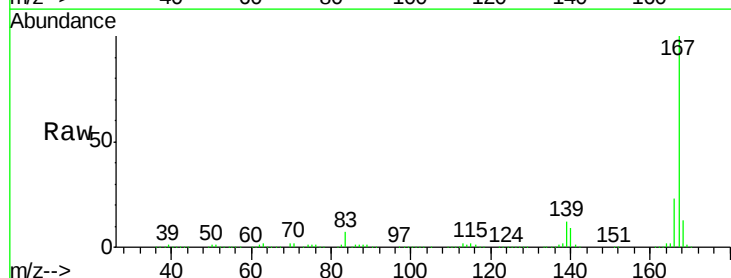
Tgt Ion:167 Resp: 1346845

Ion Ratio Lower Upper

167 100

166 22.6 18.2 27.2

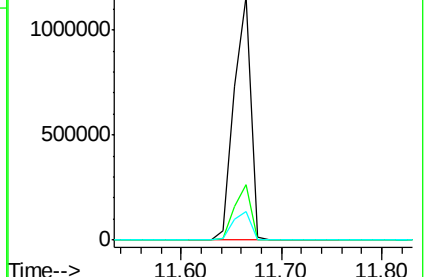
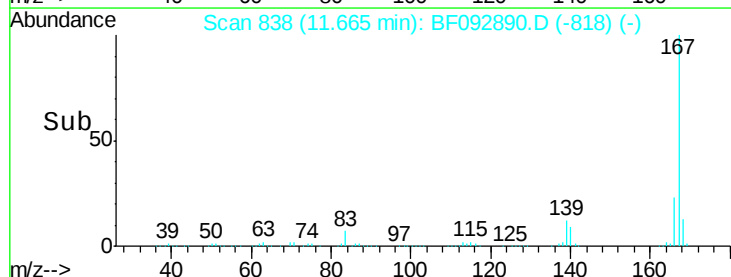
139 11.6 11.4 17.2

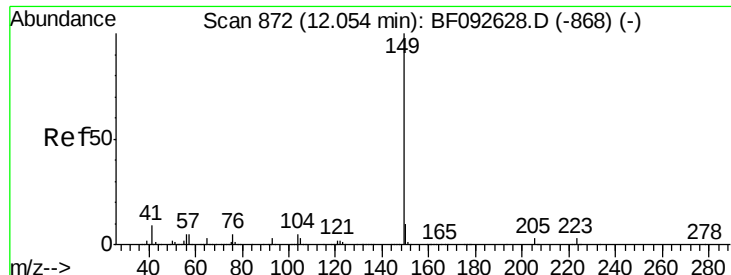


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.13 ng

RT: 11.98 min Scan# 866

Delta R.T. -0.07 min

Lab File: BF092890.D

Acq: 10 Feb 2017 18:34

Instrument :

BNA_F

ClientSampleId :

PB96841BSD

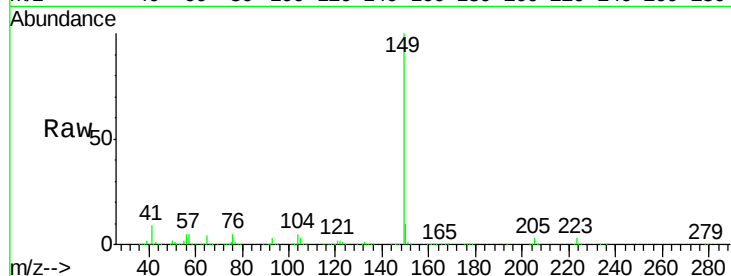
Tgt Ion:149 Resp: 1464085

Ion Ratio Lower Upper

149 100

150 9.6 8.1 12.1

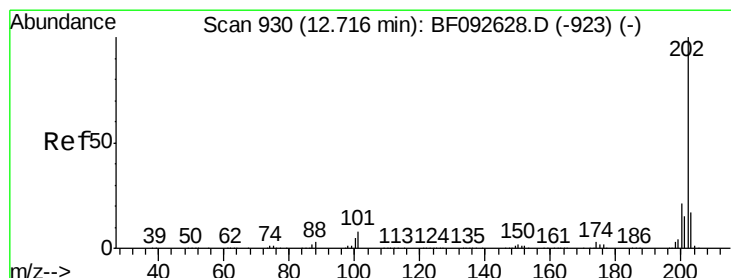
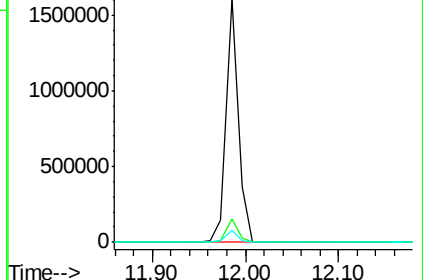
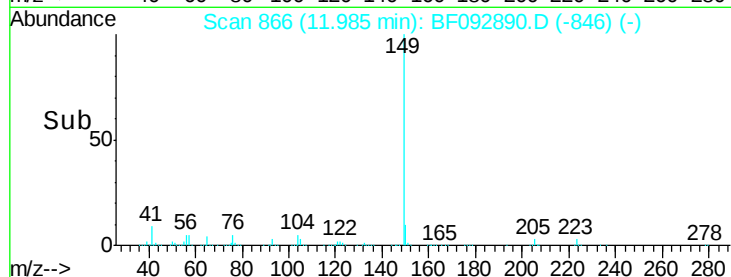
104 4.7 4.6 7.0



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: 35.35 ng

RT: 12.64 min Scan# 923

Delta R.T. -0.08 min

Lab File: BF092890.D

Acq: 10 Feb 2017 18:34

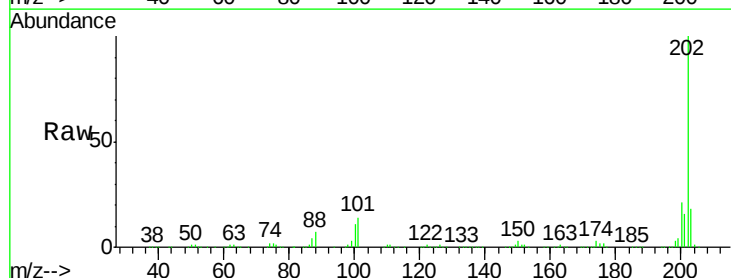
Tgt Ion:202 Resp: 1281547

Ion Ratio Lower Upper

202 100

101 14.3 0.0 34.6

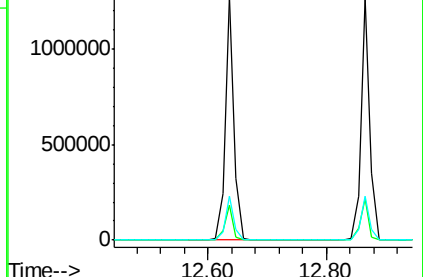
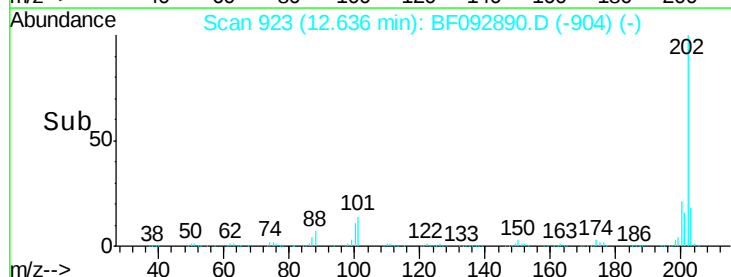
203 17.8 0.0 38.7

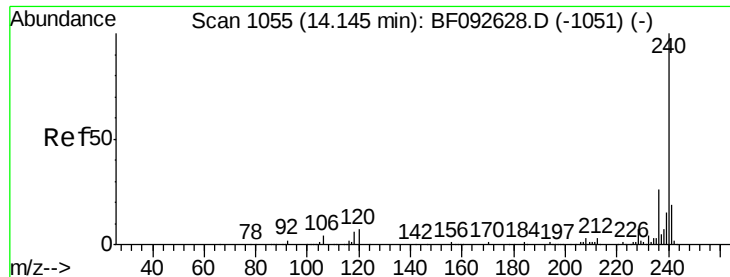


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

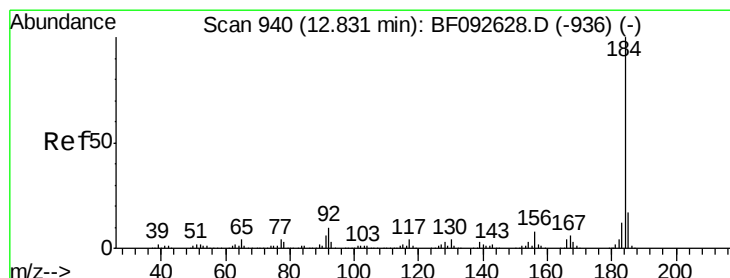
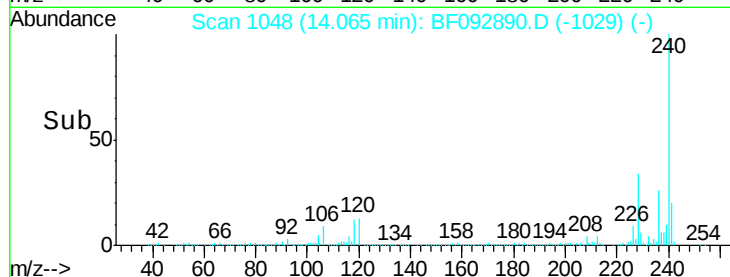
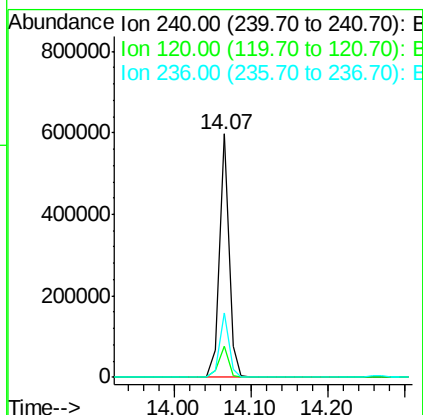
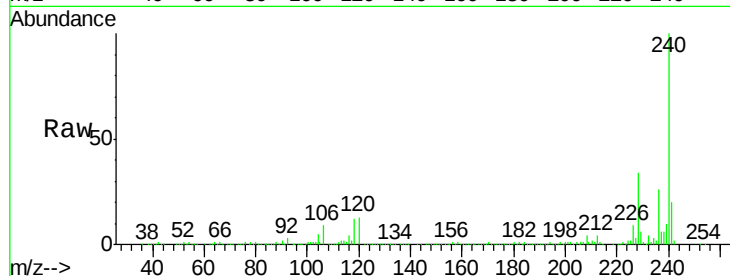




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.07 min Scan# 1048
 Delta R.T. -0.08 min
 Lab File: BF092890.D
 Acq: 10 Feb 2017 18:34

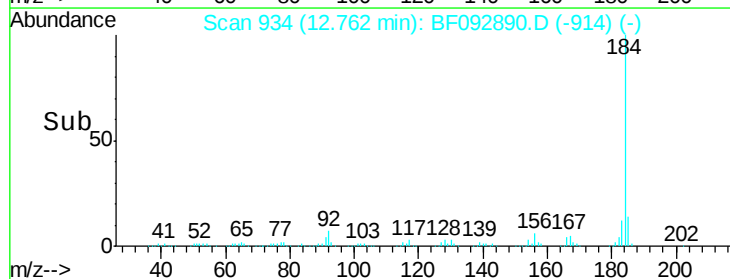
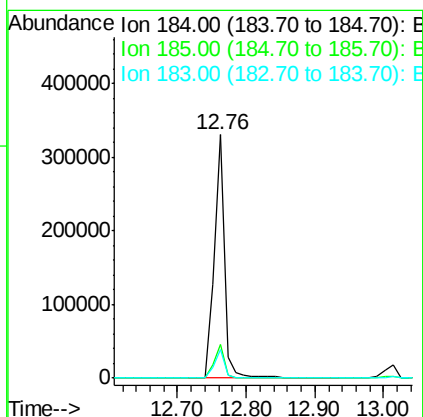
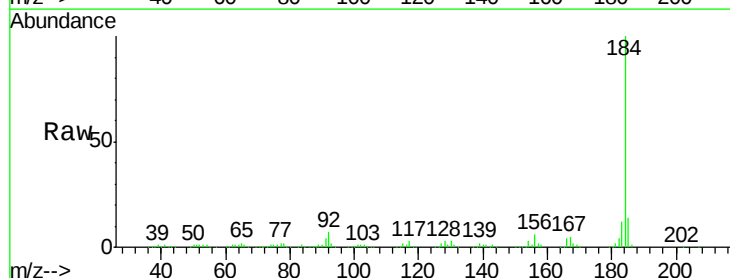
Instrument :
 BNA_F
 ClientSampleId :
 PB96841BSD

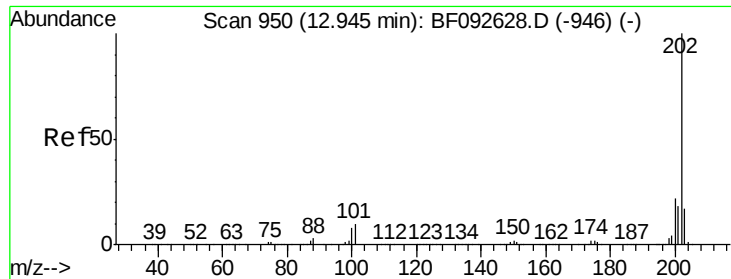
Tgt Ion:240 Resp: 515404
 Ion Ratio Lower Upper
 240 100
 120 12.8 12.9 19.3#
 236 26.3 20.9 31.3



#76
 Benzidine
 Concen: 16.10 ng
 RT: 12.76 min Scan# 934
 Delta R.T. -0.07 min
 Lab File: BF092890.D
 Acq: 10 Feb 2017 18:34

Tgt Ion:184 Resp: 353566
 Ion Ratio Lower Upper
 184 100
 185 14.1 13.4 20.0
 183 11.9 9.2 13.8

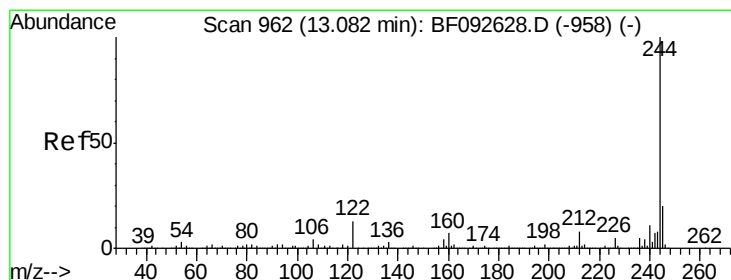
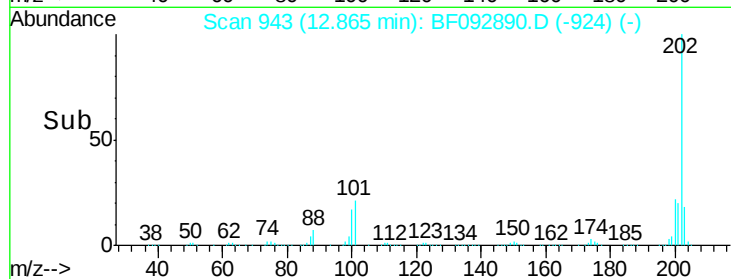
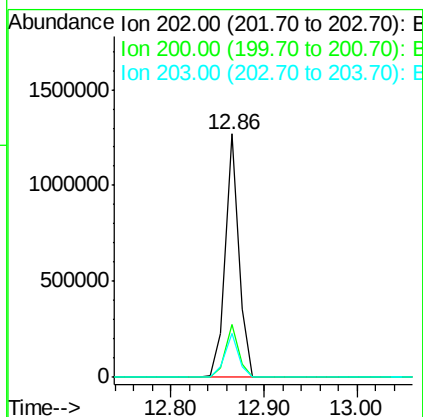
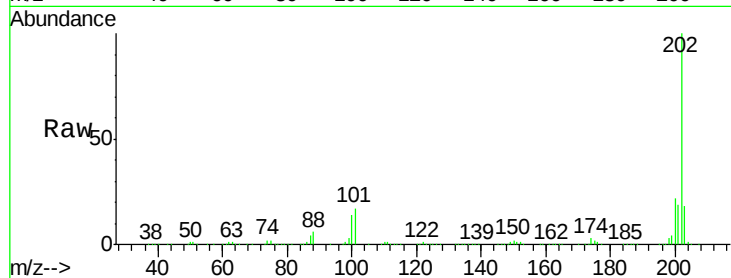




#77
 Pyrene
 Concen: 33.30 ng
 RT: 12.86 min Scan# 943
 Delta R.T. -0.08 min
 Lab File: BF092890.D
 Acq: 10 Feb 2017 18:34

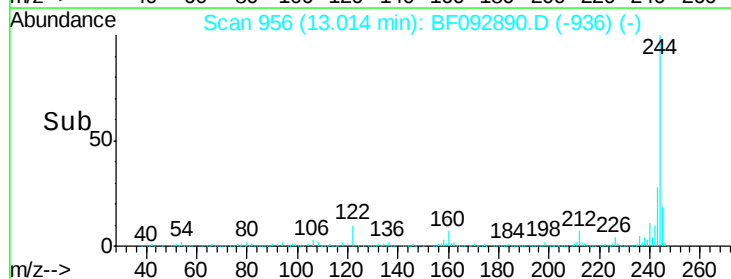
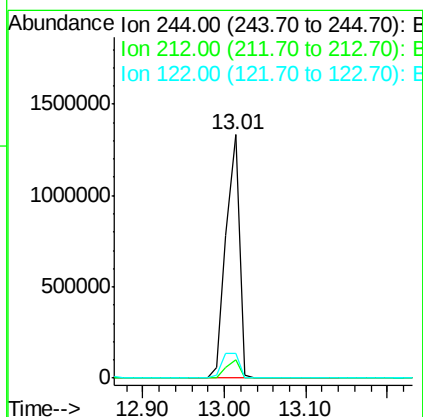
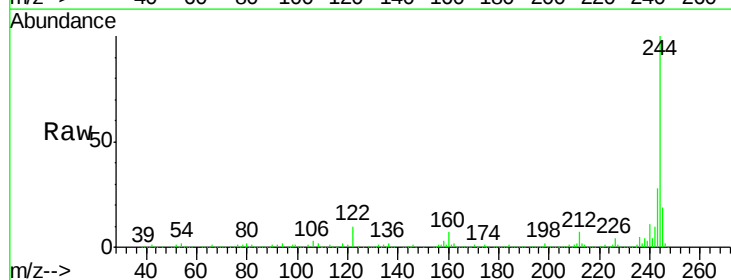
Instrument :
 BNA_F
 ClientSampleId :
 PB96841BSD

Tgt Ion: 202 Resp: 1284280
 Ion Ratio Lower Upper
 202 100
 200 21.8 17.7 26.5
 203 18.0 14.7 22.1



#78
 Terphenyl-d14
 Concen: 68.94 ng
 RT: 13.01 min Scan# 956
 Delta R.T. -0.07 min
 Lab File: BF092890.D
 Acq: 10 Feb 2017 18:34

Tgt Ion: 244 Resp: 1512285
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 9.9 11.4 17.2#





#79

Butylbenzylphthalate

Concen: 40.02 ng

RT: 13.48 min Scan# 997

Delta R.T. -0.07 min

Lab File: BF092890.D

Acq: 10 Feb 2017 18:34

Instrument :

BNA_F

ClientSampleId :

PB96841BSD

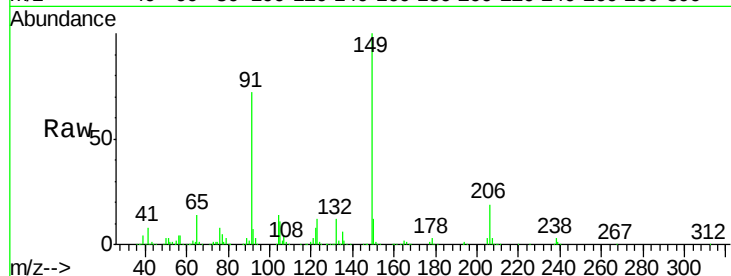
Tgt Ion:149 Resp: 626852

Ion Ratio Lower Upper

149 100

91 72.1 63.9 95.9

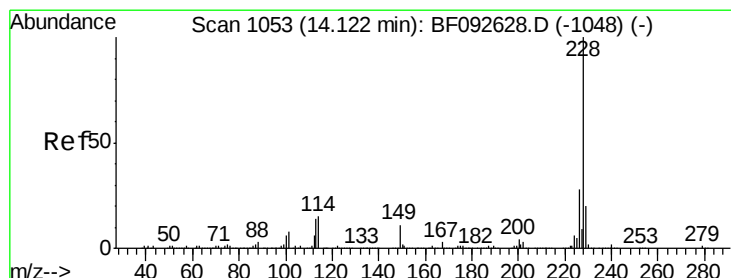
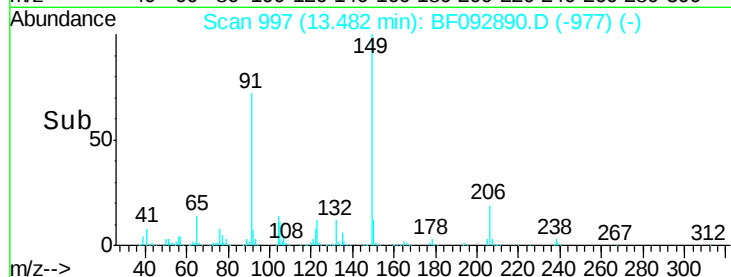
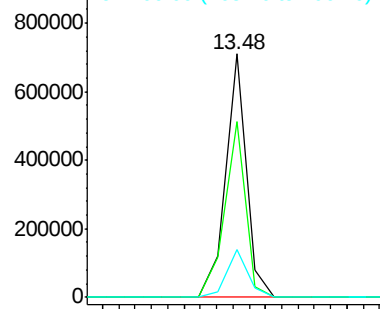
206 19.5 14.6 21.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 35.76 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.07 min

Lab File: BF092890.D

Acq: 10 Feb 2017 18:34

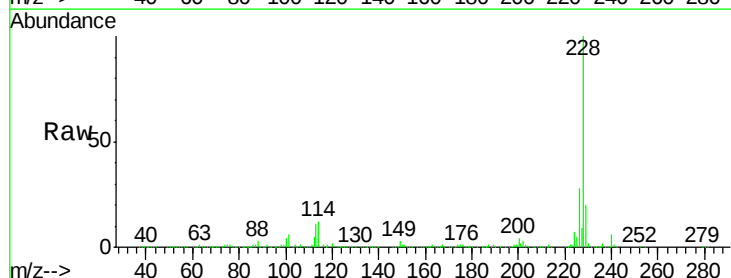
Tgt Ion:228 Resp: 1127321

Ion Ratio Lower Upper

228 100

226 28.1 22.4 33.6

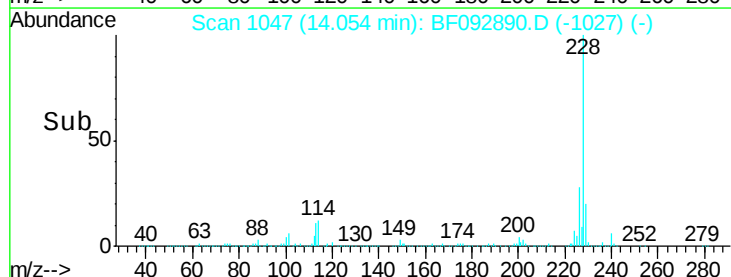
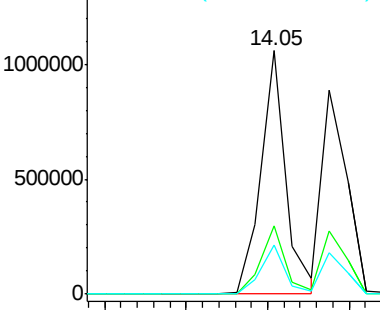
229 20.2 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

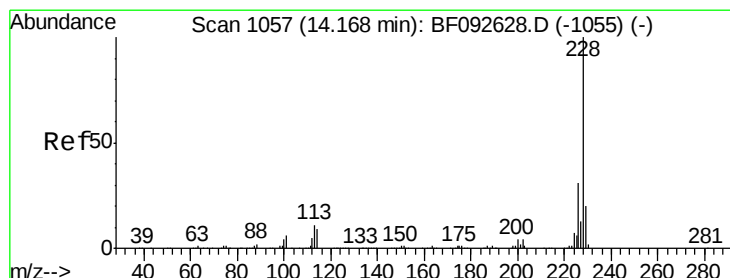
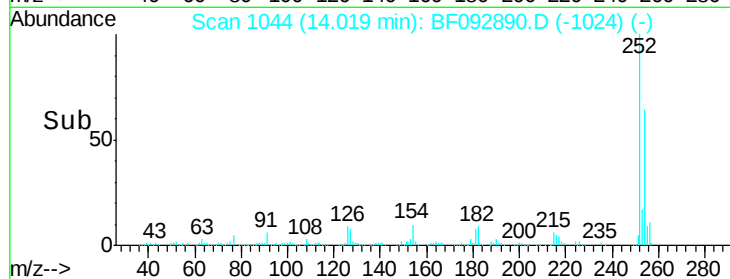
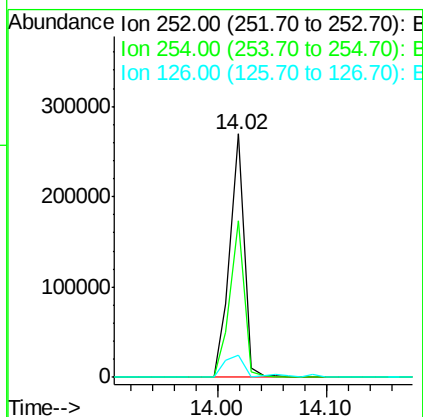
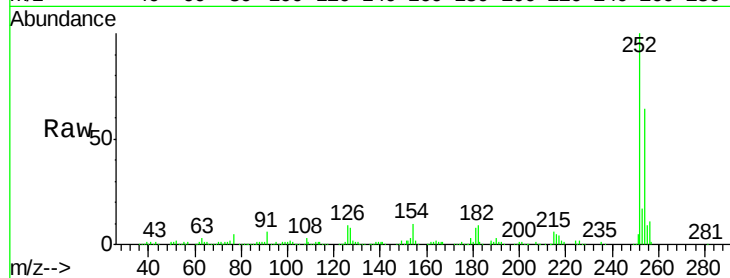




#81
 3,3'-Dichlorobenzidine
 Concen: 22.43 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.07 min
 Lab File: BF092890.D
 Acq: 10 Feb 2017 18:34

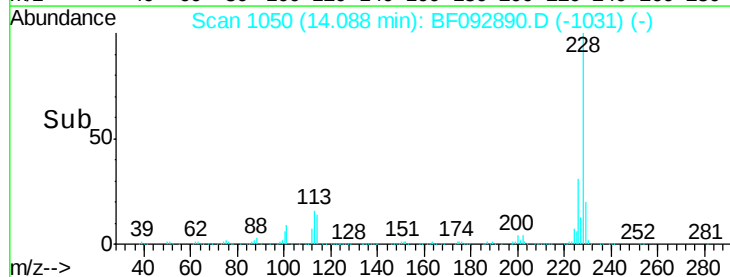
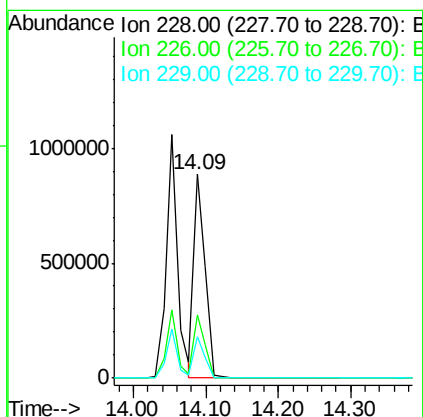
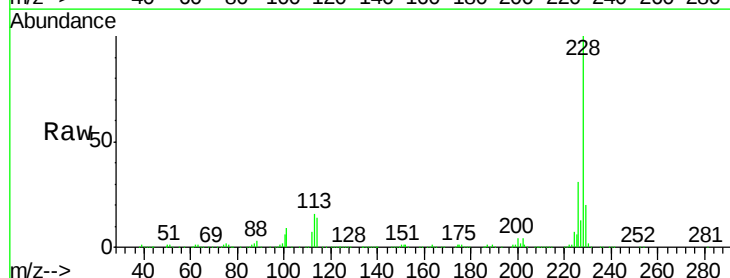
Instrument :
 BNA_F
 ClientSampleId :
 PB96841BSD

Tgt Ion: 252 Resp: 252069
 Ion Ratio Lower Upper
 252 100
 254 64.4 52.3 78.5
 126 8.9 13.6 20.4#



#82
 Chrysene
 Concen: 32.66 ng
 RT: 14.09 min Scan# 1050
 Delta R.T. -0.08 min
 Lab File: BF092890.D
 Acq: 10 Feb 2017 18:34

Tgt Ion: 228 Resp: 964001
 Ion Ratio Lower Upper
 228 100
 226 31.0 25.4 38.0
 229 20.1 16.2 24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.30 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.07 min

Lab File: BF092890.D

Acq: 10 Feb 2017 18:34

Instrument :

BNA_F

ClientSampleId :

PB96841BSD

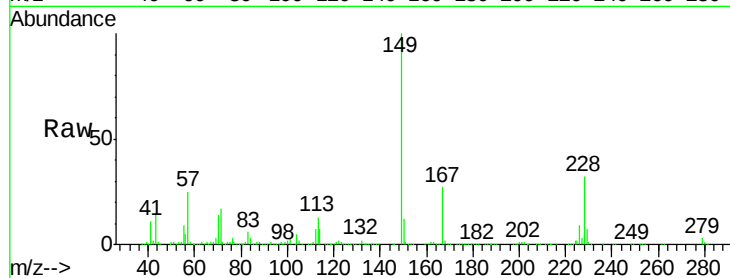
Tgt Ion:149 Resp: 884655

Ion Ratio Lower Upper

149 100

167 27.4 20.2 30.4

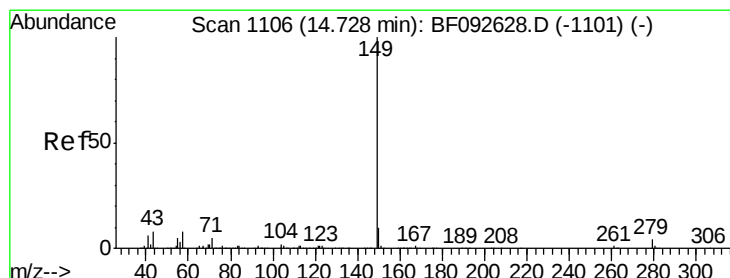
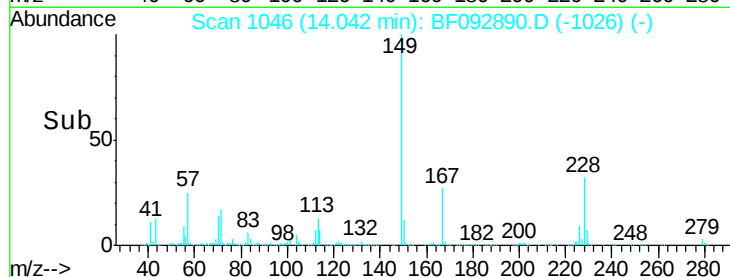
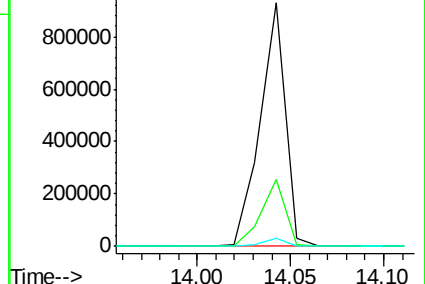
279 3.3 1.8 2.8#



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: 42.09 ng

RT: 14.65 min Scan# 1099

Delta R.T. -0.08 min

Lab File: BF092890.D

Acq: 10 Feb 2017 18:34

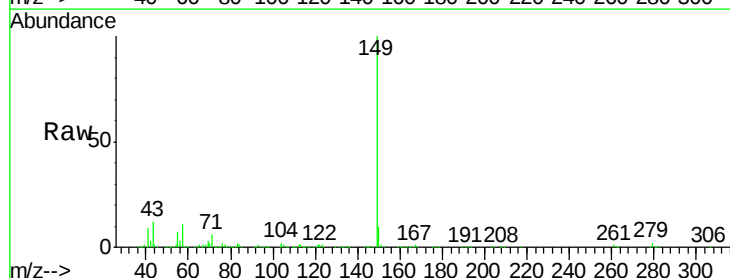
Tgt Ion:149 Resp: 1468204

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

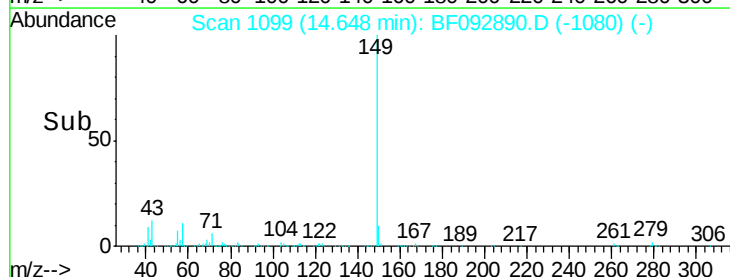
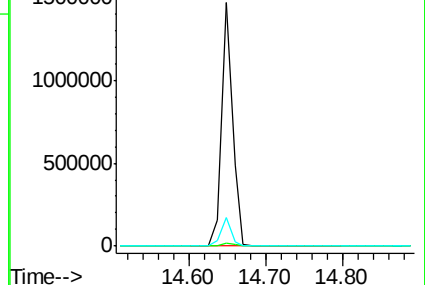
43 11.0 8.9 13.3

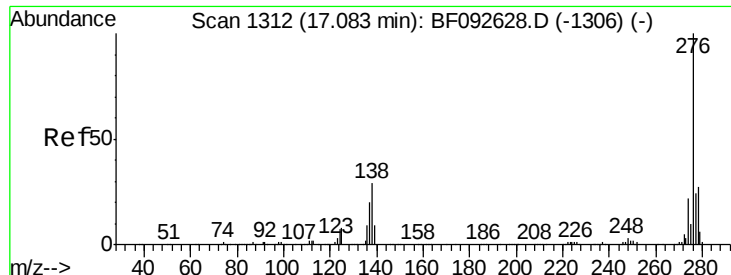


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

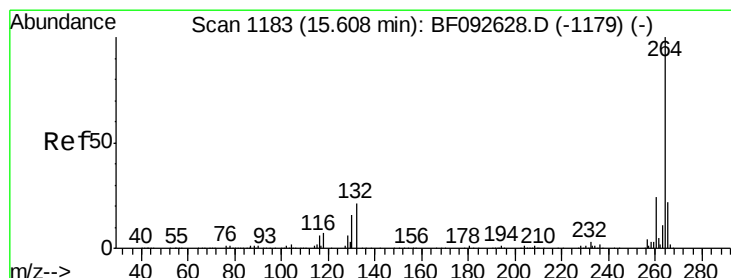
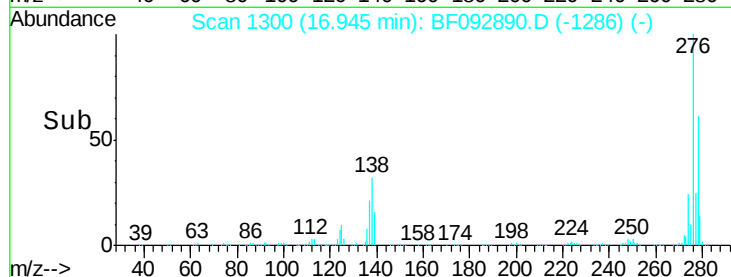
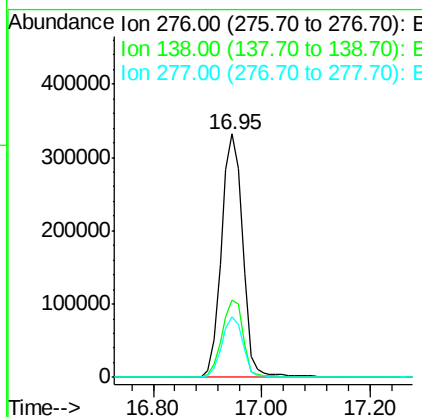
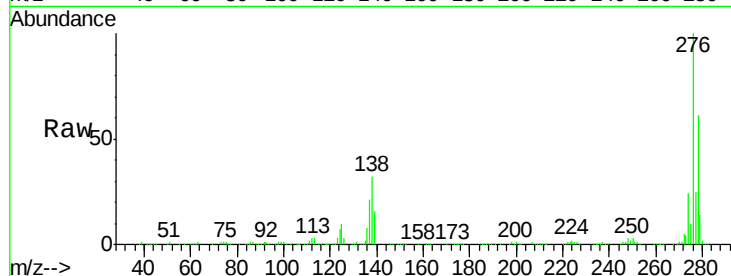




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.90 ng
 RT: 16.95 min Scan# 1300
 Delta R.T. -0.14 min
 Lab File: BF092890.D
 Acq: 10 Feb 2017 18:34

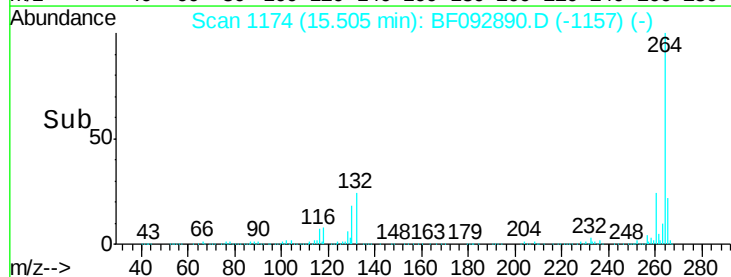
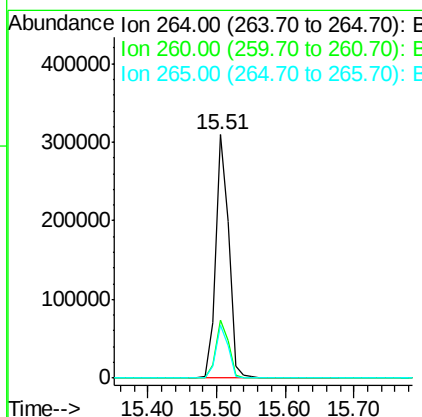
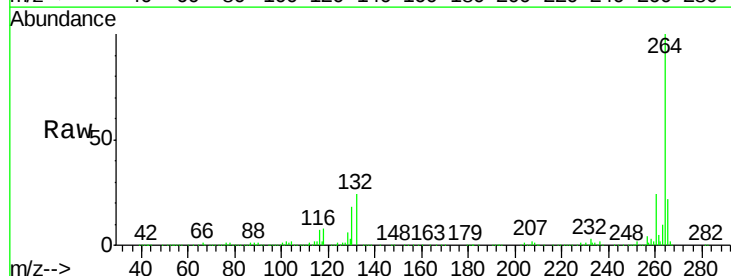
Instrument :
 BNA_F
 ClientSampleId :
 PB96841BSD

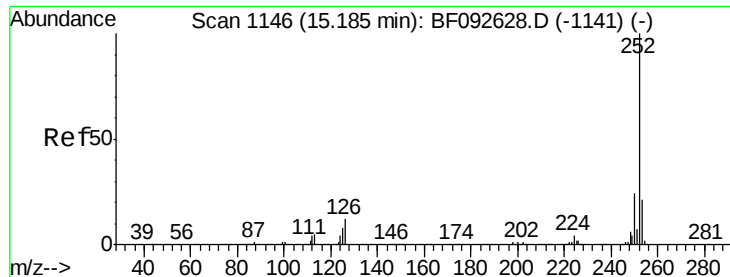
Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.1	21.8	32.6
277	24.8	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1174
 Delta R.T. -0.10 min
 Lab File: BF092890.D
 Acq: 10 Feb 2017 18:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.7	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 38.51 ng

RT: 15.09 min Scan# 1138

Delta R.T. -0.09 min

Lab File: BF092890.D

Acq: 10 Feb 2017 18:34

Instrument :

BNA_F

ClientSampleId :

PB96841BSD

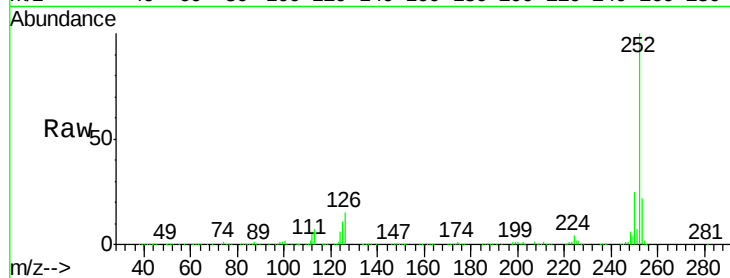
Tgt Ion:252 Resp: 1056834

Ion Ratio Lower Upper

252 100

253 21.7 18.2 27.4

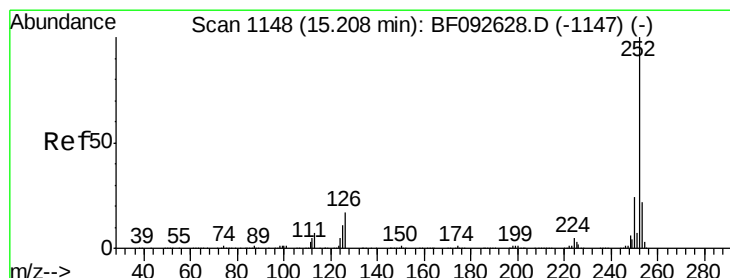
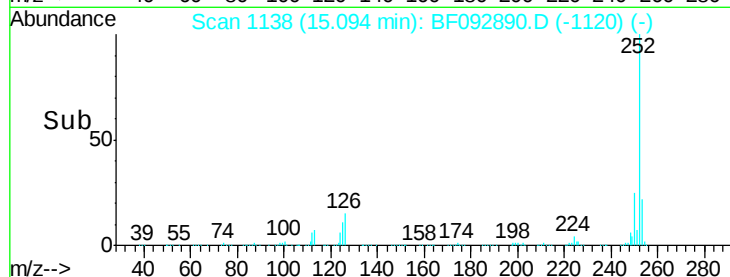
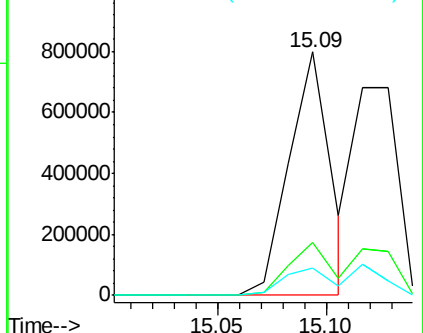
125 11.0 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 44.60 ng

RT: 15.09 min Scan# 1138

Delta R.T. -0.11 min

Lab File: BF092890.D

Acq: 10 Feb 2017 18:34

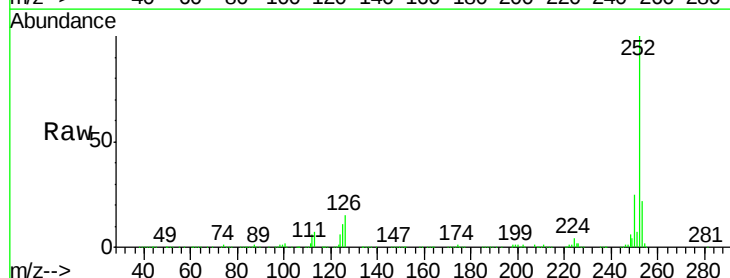
Tgt Ion:252 Resp: 1056834

Ion Ratio Lower Upper

252 100

253 21.7 18.5 27.7

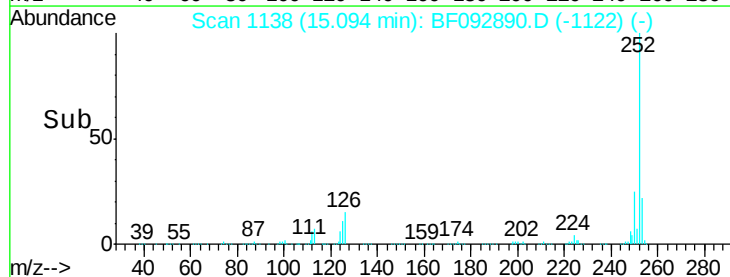
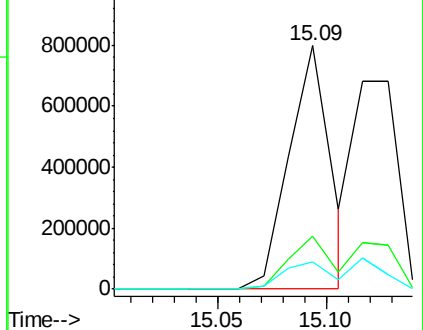
125 11.0 8.9 13.3

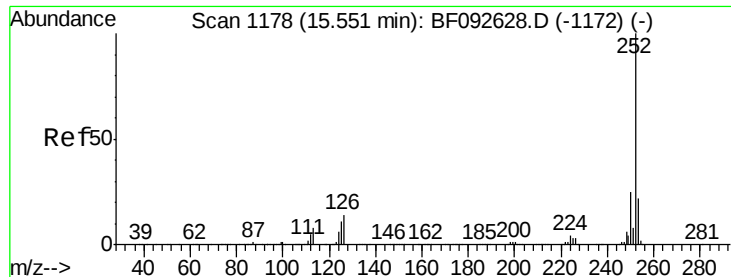


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.90 ng

RT: 15.45 min Scan# 1169

Delta R.T. -0.10 min

Lab File: BF092890.D

Acq: 10 Feb 2017 18:34

Instrument :

BNA_F

ClientSampleId :

PB96841BSD

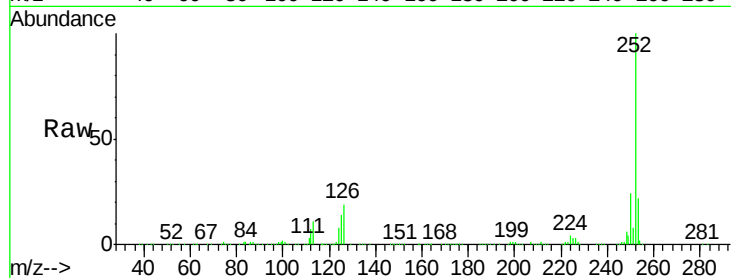
Tgt Ion:252 Resp: 947146

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

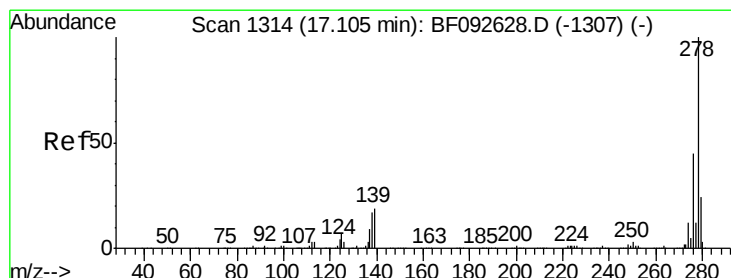
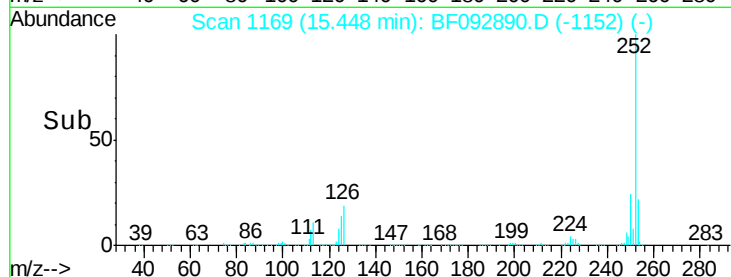
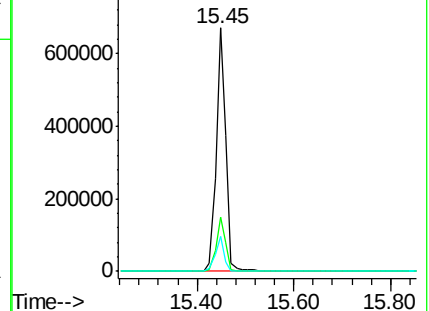
125 14.5 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.01 ng

RT: 16.96 min Scan# 1301

Delta R.T. -0.15 min

Lab File: BF092890.D

Acq: 10 Feb 2017 18:34

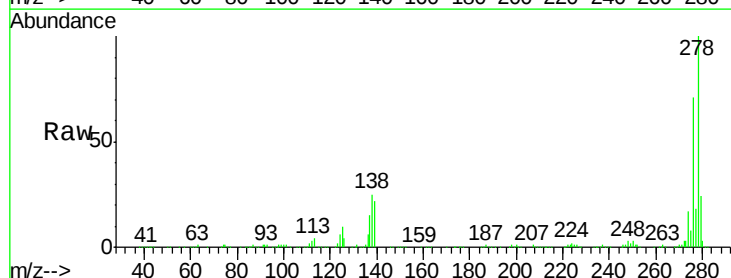
Tgt Ion:278 Resp: 767719

Ion Ratio Lower Upper

278 100

139 21.8 14.8 22.2

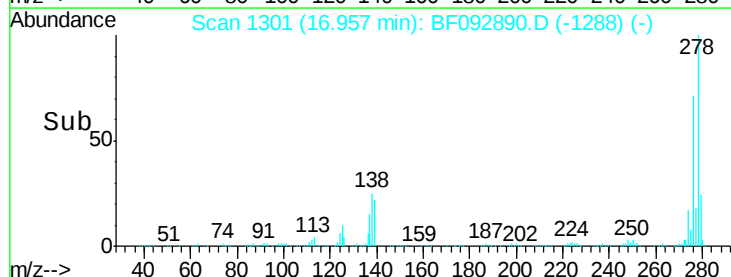
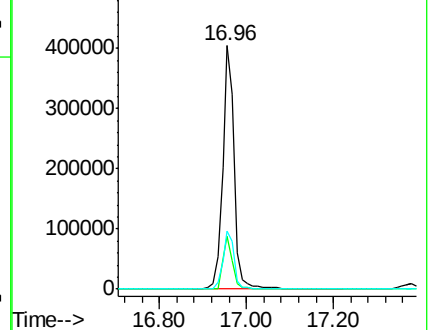
279 24.0 19.8 29.6

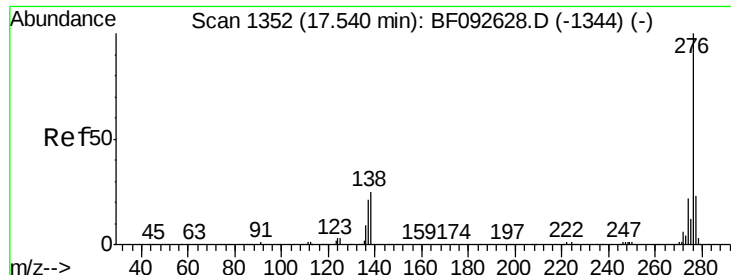


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 39.57 ng

RT: 17.38 min Scan# 1338

Delta R.T. -0.16 min

Lab File: BF092890.D

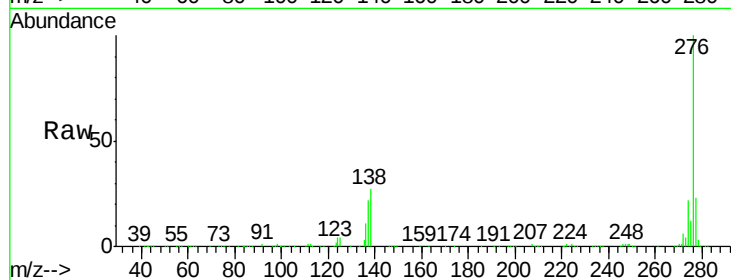
Acq: 10 Feb 2017 18:34

Instrument :

BNA_F

ClientSampleId :

PB96841BSD



Tgt Ion:	276	Resp:	766923
Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.2	28.8
138	26.7	16.0	24.0

