

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011717\
 Data File : BF092320.D
 Acq On : 17 Jan 2017 17:06
 Operator : UM/SJ
 Sample : PB96060BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96060BS

Quant Time: Jan 17 23:55:52 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	647095	20.00	ng	0.07
21) Naphthalene-d8	7.84	136	789877	20.00	ng	-0.09
38) Acenaphthene-d10	9.59	164	414869	20.00	ng	-0.09
63) Phenanthrene-d10	11.07	188	633538	20.00	ng	-0.09
75) Chrysene-d12	13.70	240	435343	20.00	ng	-0.09
86) Perylene-d12	15.05	264	382575	20.00	ng	-0.10

System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	1514397	39.08	ng	-0.08
7) Phenol-d6	6.23	99	1976537	41.77	ng	-0.08
23) Nitrobenzene-d5	7.14	82	1264519	89.02	ng	-0.08
41) 2,4,6-Tribromophenol	10.38	330	397885	115.89	ng	-0.09
44) 2-Fluorobiphenyl	8.93	172	2154321	110.22	ng	-0.08
78) Terphenyl-d14	12.66	244	1880995	104.79	ng	-0.09

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.05	88	196565	10.30	ng	96
3) Pyridine	2.67	79	546372	8.20	ng	96
4) n-Nitrosodimethylamine	2.63	42	247148	9.84	ng	95
6) Aniline	6.30	93	529336	8.61	ng	# 23
8) 2-Chlorophenol	6.35	128	522747	11.86	ng	91
11) bis(2-Chloroethyl)ether	6.30	93	529336	12.34	ng	99
12) 1,3-Dichlorobenzene	6.72	146	495290	10.52	ng	# 93
13) 1,4-Dichlorobenzene	6.72	146	495290	10.34	ng	98
14) 1,2-Dichlorobenzene	6.72	146	495290	11.92	ng	98
15) Benzyl Alcohol	6.71	79	426700	11.61	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.85	45	733109	11.48	ng	# 41
17) 2-Methylphenol	7.01	107	602339	16.99	ng	# 76
19) n-Nitroso-di-n-propylamine	6.99	70	384175	12.20	ng	100
20) 3+4-Methylphenols	7.01	107	602339	14.24	ng	# 73
22) Acetophenone	6.98	105	777525	39.91	ng	93
24) Nitrobenzene	7.15	77	560668	37.06	ng	98
25) Isophorone	7.39	82	1070797	40.86	ng	94
26) 2-Nitrophenol	7.47	139	300851	40.32	ng	96
27) 2,4-Dimethylphenol	7.52	122	471533	38.10	ng	99
28) bis(2-Chloroethoxy)methane	7.60	93	669294	42.11	ng	99
29) 2,4-Dichlorophenol	7.72	162	448482	42.80	ng	91
30) 1,2,4-Trichlorobenzene	7.79	180	453576	39.50	ng	94
31) Naphthalene	7.87	128	1540041	42.60	ng	99
32) Benzoic acid	7.68	122	190158	20.72	ng	93
33) 4-Chloroaniline	7.92	127	96297	5.91	ng	97
34) Hexachlorobutadiene	7.98	225	238727	39.39	ng	99
35) Caprolactam	8.31	113	86357	25.08	ng	# 73
36) 4-Chloro-3-methylphenol	8.44	107	499655	41.44	ng	100
37) 2-Methylnaphthalene	8.55	142	941386	41.93	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	433650	41.37	ng	98
40) Hexachlorocyclopentadiene	8.71	237	324785	70.09	ng	96
42) 2,4,6-Trichlorophenol	8.85	196	284323	38.79	ng	99
43) 2,4,5-Trichlorophenol	8.90	196	269943	35.78	ng	93
45) 1,1'-Biphenyl	9.02	154	1241944	43.72	ng	97

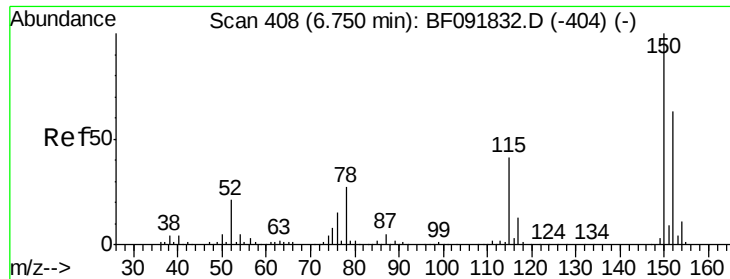
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011717\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2-Chloronaphthalene	9.04	162	942928	41.92	ng	98
47) 2-Nitroaniline	9.15	65	276050	34.47	ng	96
48) Acenaphthylene	9.46	152	1439564	41.61	ng	98
49) Dimethylphthalate	9.33	163	1110770	41.86	ng	98
50) 2,6-Dinitrotoluene	9.40	165	255868	44.06	ng	88
51) Acenaphthene	9.63	154	925352	39.45	ng	99
52) 3-Nitroaniline	9.56	138	66787	9.29	ng	89
53) 2,4-Dinitrophenol	9.68	184	160769	49.75	ng #	87
54) Dibenzofuran	9.80	168	1280460	40.42	ng	98
55) 4-Nitrophenol	9.80	139	846012	173.36	ng #	9
56) 2,4-Dinitrotoluene	9.81	165	294161	40.35	ng #	58
57) Fluorene	10.14	166	1009965	43.83	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.92	232	232966	39.05	ng	99
59) Diethylphthalate	10.03	149	1038170	40.29	ng	99
60) 4-Chlorophenyl-phenylether	10.13	204	391284	38.78	ng	96
61) 4-Nitroaniline	10.18	138	235427	31.61	ng	97
62) Azobenzene	10.29	77	1174167	41.38	ng	99
64) 4,6-Dinitro-2-methylphenol	10.21	198	135617	35.40	ng #	32
65) n-Nitrosodiphenylamine	10.26	169	797367	42.41	ng	99
66) 4-Bromophenyl-phenylether	10.62	248	301886	45.81	ng #	89
67) Hexachlorobenzene	10.69	284	298773	42.41	ng #	83
68) Atrazine	10.79	200	250087	41.24	ng	98
69) Pentachlorophenol	10.88	266	219033	63.37	ng	98
70) Phenanthrene	11.09	178	1359601	39.58	ng	99
71) Anthracene	11.15	178	1509844	52.60	ng	98
72) Carbazole	11.31	167	1359165	51.18	ng	99
73) Di-n-butylphthalate	11.65	149	1654265	51.40	ng #	96
74) Fluoranthene	12.27	202	1379937	45.86	ng	99
76) Benzidine	12.41	184	441795	38.53	ng	97
77) Pyrene	12.50	202	1360581	42.60	ng	99
79) Butylbenzylphthalate	13.13	149	677042	46.61	ng	94
80) Benzo(a)anthracene	13.69	228	1130965	46.02	ng	99
81) 3,3'-Dichlorobenzidine	13.65	252	139425	14.96	ng	98
82) Chrysene	13.72	228	928179	37.65	ng	98
83) Bis(2-ethylhexyl)phthalate	13.70	149	912383	53.33	ng #	98
84) Di-n-octyl phthalate	14.30	149	1483374	46.81	ng	100
85) Indeno(1,2,3-cd)pyrene	16.27	276	932923	43.69	ng	99
87) Benzo(b)fluoranthene	14.71	252	1935500	81.26	ng #	95
88) Benzo(k)fluoranthene	14.71	252	1935500	95.29	ng #	95
89) Benzo(a)pyrene	14.99	252	882995	41.77	ng #	98
90) Dibenzo(a,h)anthracene	16.28	278	764292	43.98	ng	96
91) Benzo(g,h,i)perylene	16.63	276	804573	44.53	ng	98

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

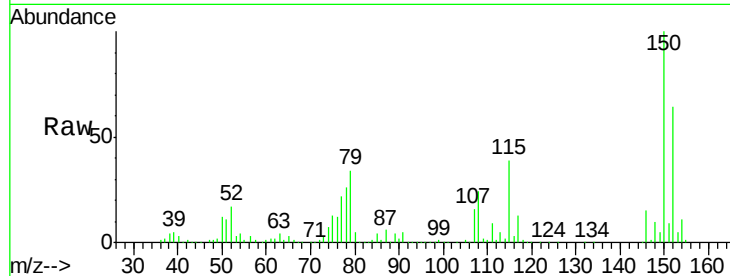


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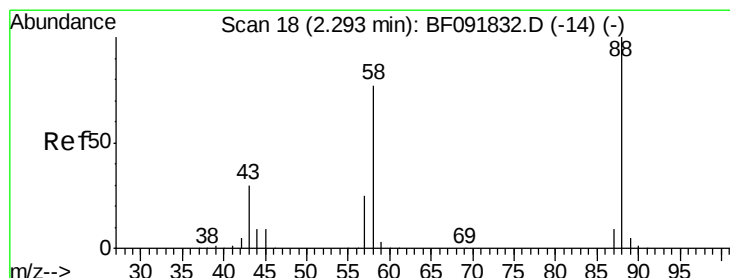
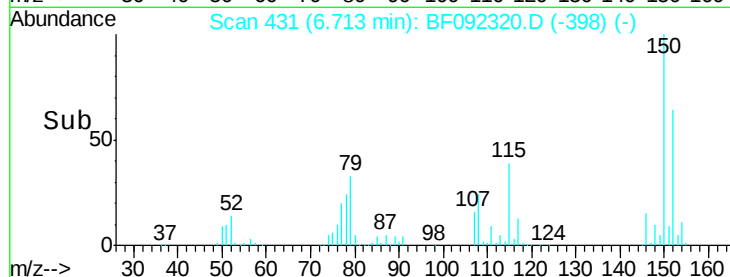
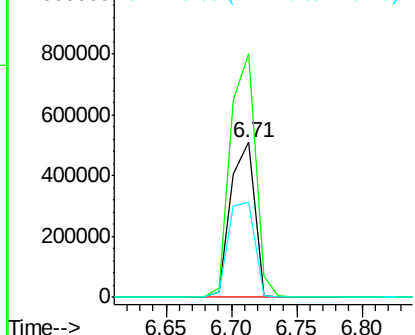
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 431
Delta R.T. 0.07 min
Lab File: BF092320.D
Acq: 17 Jan 2017 17:06

Instrument :
BNA_F
ClientSampleId :
PB96060BS

Tgt Ion:152 Resp: 647095
Ion Ratio Lower Upper
152 100
150 157.4 124.9 187.3
115 61.4 46.0 69.0



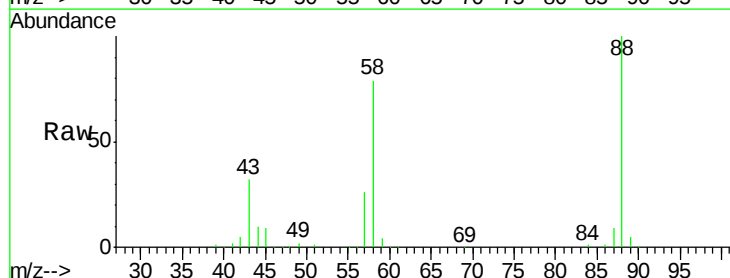
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



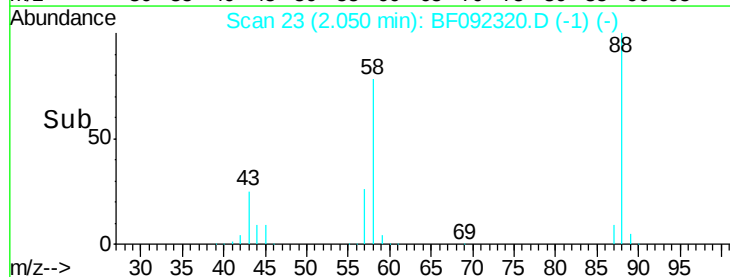
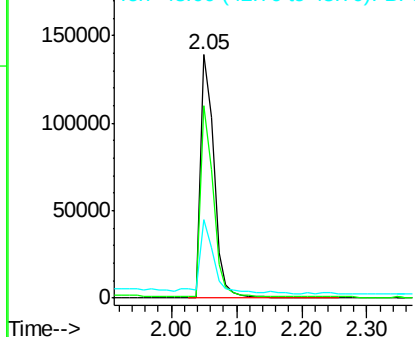
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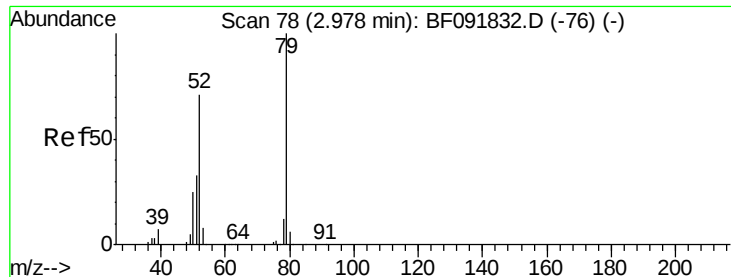
1,4-Dioxane
Concen: 10.30 ng
RT: 2.05 min Scan# 23
Delta R.T. -0.03 min
Lab File: BF092320.D
Acq: 17 Jan 2017 17:06

Tgt Ion: 88 Resp: 196565
Ion Ratio Lower Upper
88 100
58 74.6 57.8 86.8
43 32.3 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: 8.20 ng

RT: 2.67 min Scan# 77

Delta R.T. -0.07 min

Lab File: BF092320.D

Acq: 17 Jan 2017 17:06

Instrument :

BNA_F

ClientSampleId :

PB96060BS

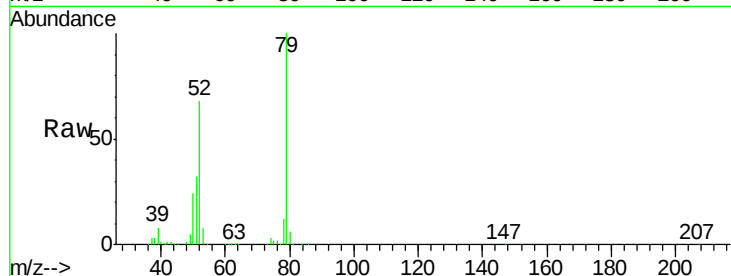
Tgt Ion: 79 Resp: 546372

Ion Ratio Lower Upper

79 100

52 68.4 57.1 85.7

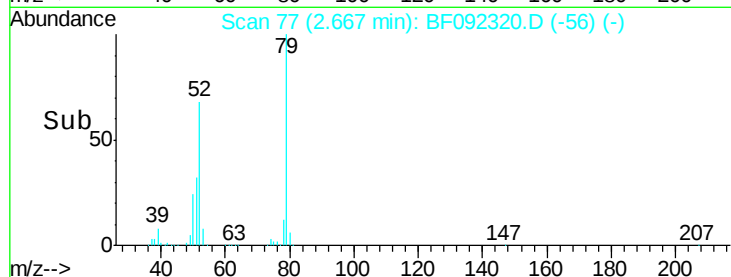
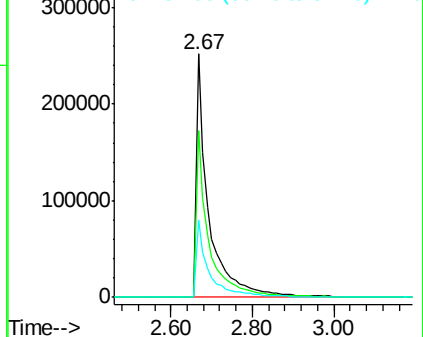
51 31.9 27.3 40.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 9.84 ng

RT: 2.63 min Scan# 74

Delta R.T. -0.05 min

Lab File: BF092320.D

Acq: 17 Jan 2017 17:06

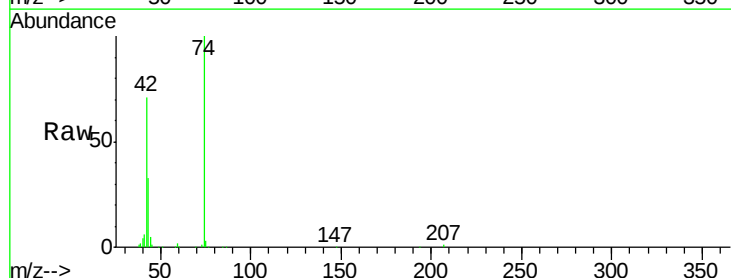
Tgt Ion: 42 Resp: 247148

Ion Ratio Lower Upper

42 100

74 140.3 117.0 175.4

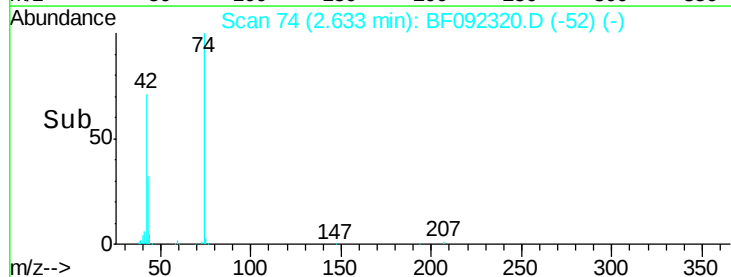
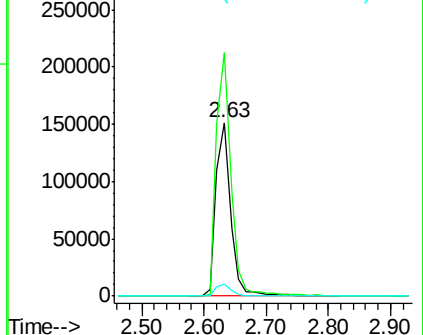
44 7.1 5.5 8.3



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 39.08 ng

RT: 5.16 min Scan# 295

Delta R.T. -0.08 min

Lab File: BF092320.D

Acq: 17 Jan 2017 17:06

Instrument :

BNA_F

ClientSampleId :

PB96060BS

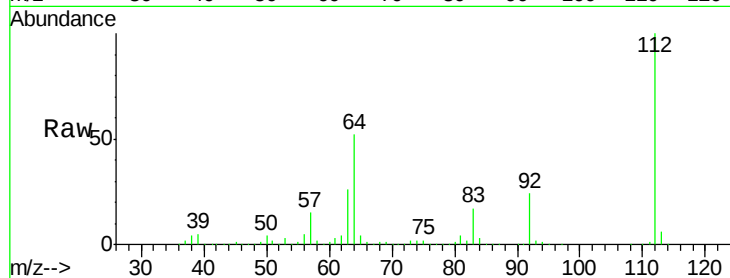
Tgt Ion: 112 Resp: 1514397

Ion Ratio Lower Upper

112 100

64 51.6 46.1 69.1

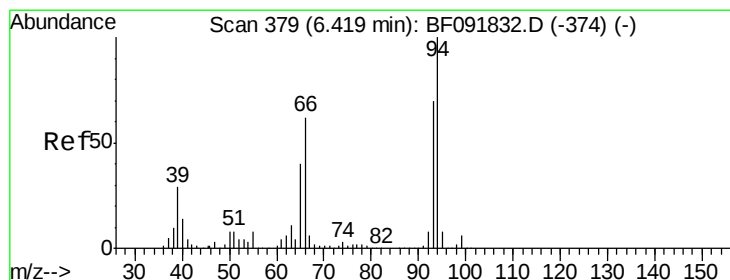
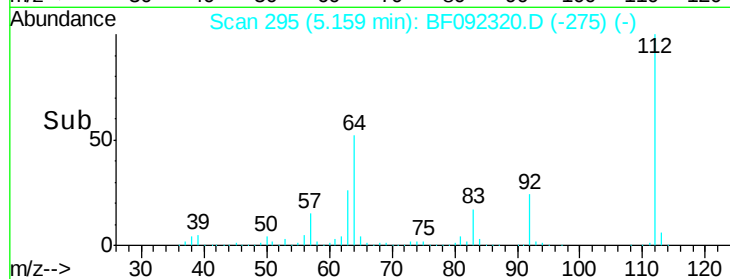
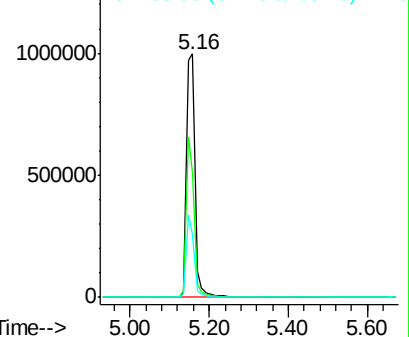
63 25.7 23.8 35.6



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: 8.61 ng

RT: 6.30 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF092320.D

Acq: 17 Jan 2017 17:06

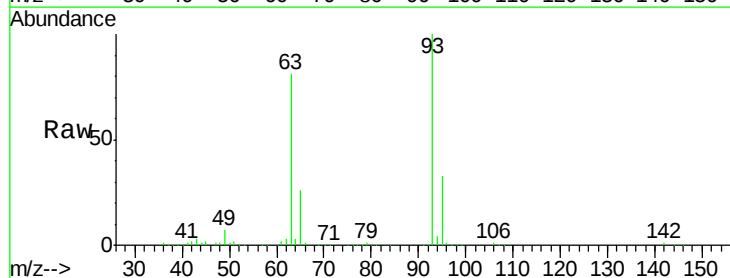
Tgt Ion: 93 Resp: 529336

Ion Ratio Lower Upper

93 100

66 0.8 76.2 114.2#

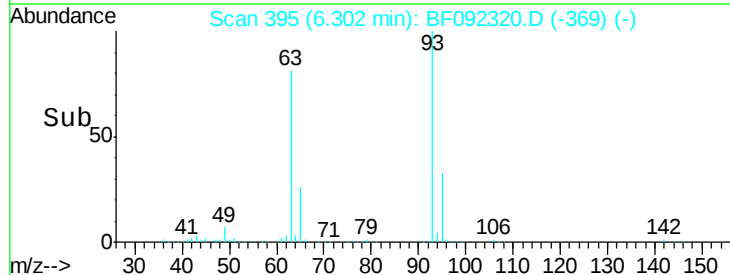
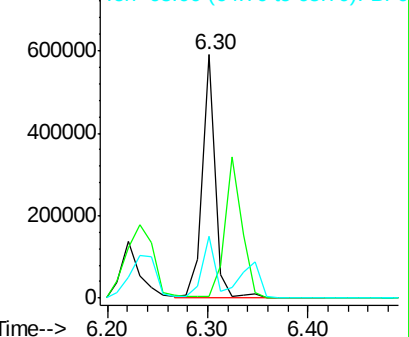
65 25.7 49.3 73.9#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 41.77 ng

RT: 6.23 min Scan# 389

Delta R.T. -0.08 min

Lab File: BF092320.D

Acq: 17 Jan 2017 17:06

Instrument :

BNA_F

ClientSampleId :

PB96060BS

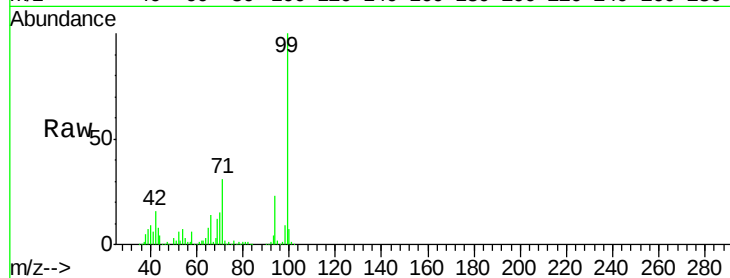
Tgt Ion: 99 Resp: 1976537

Ion Ratio Lower Upper

99 100

42 16.1 15.6 23.4

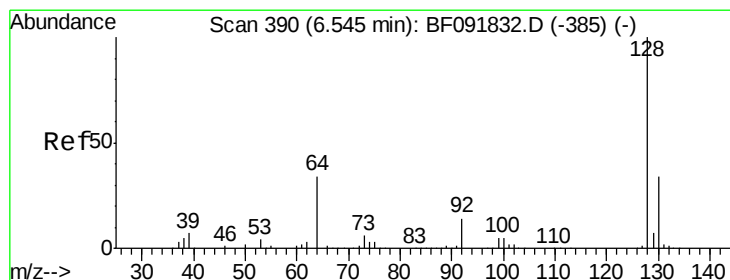
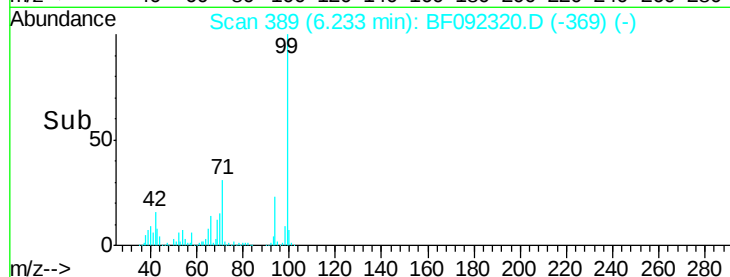
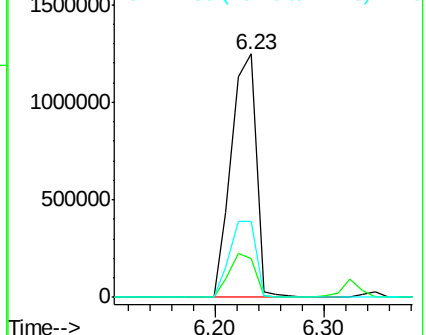
71 31.0 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 11.86 ng

RT: 6.35 min Scan# 399

Delta R.T. -0.09 min

Lab File: BF092320.D

Acq: 17 Jan 2017 17:06

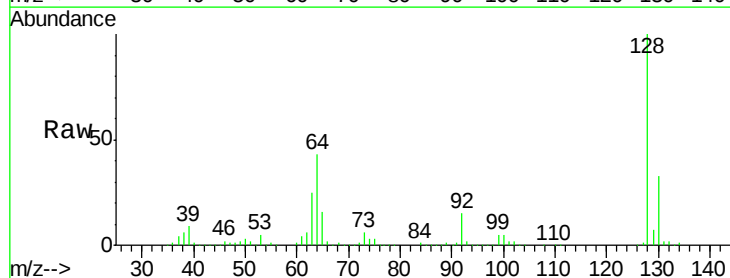
Tgt Ion: 128 Resp: 522747

Ion Ratio Lower Upper

128 100

130 33.1 12.3 52.3

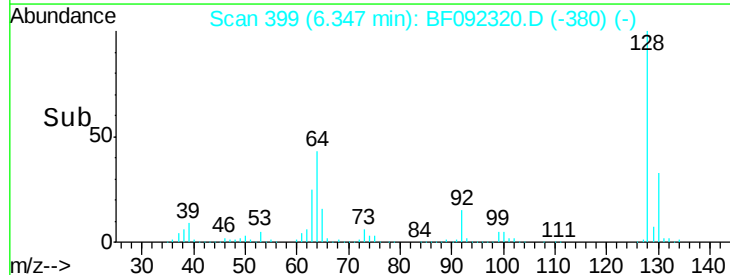
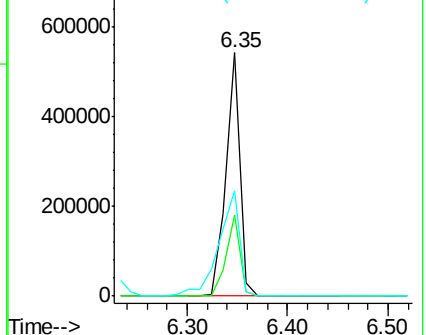
64 43.2 32.2 72.2

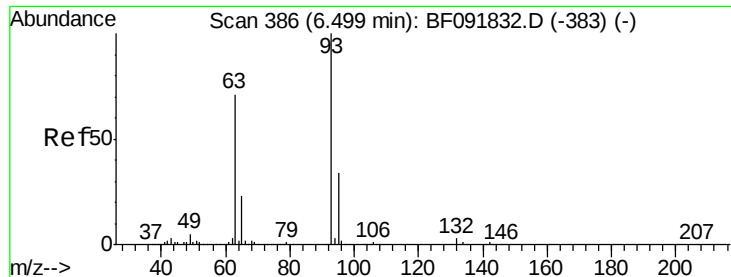


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 12.34 ng

RT: 6.30 min Scan# 395

Delta R.T. -0.09 min

Lab File: BF092320.D

Acq: 17 Jan 2017 17:06

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PB96060BS

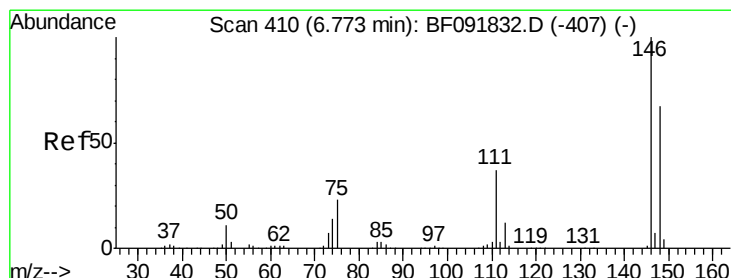
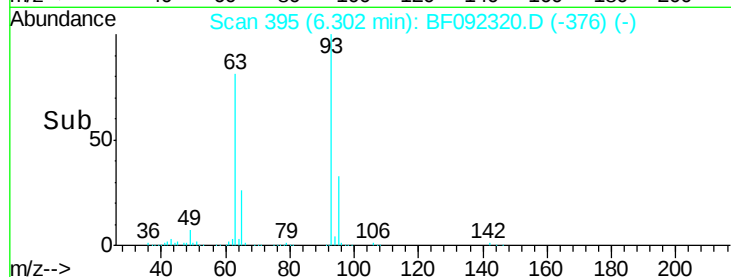
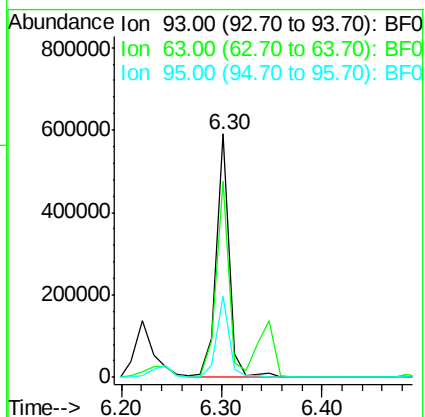
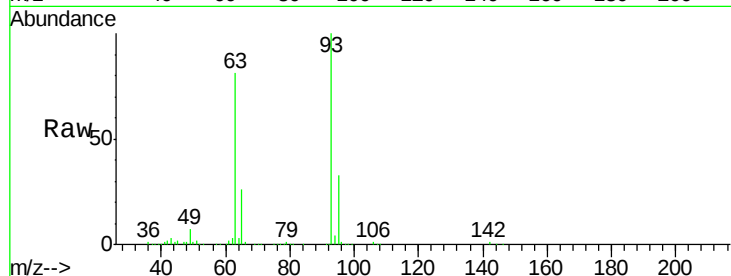
Tgt Ion: 93 Resp: 529336

Ion Ratio Lower Upper

93 100

63 80.8 60.4 100.4

95 33.3 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 10.52 ng

RT: 6.72 min Scan# 432

Delta R.T. 0.14 min

Lab File: BF092320.D

Acq: 17 Jan 2017 17:06

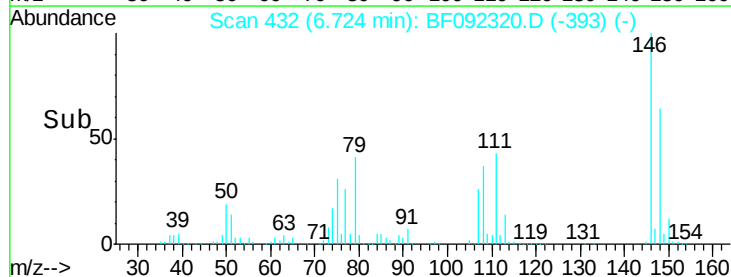
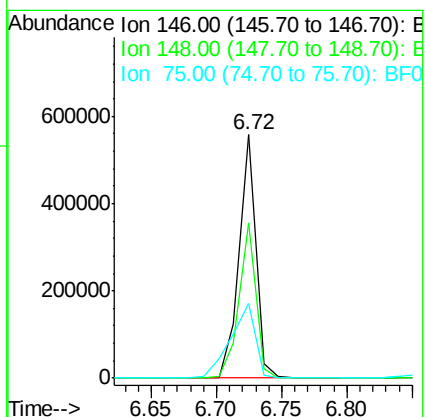
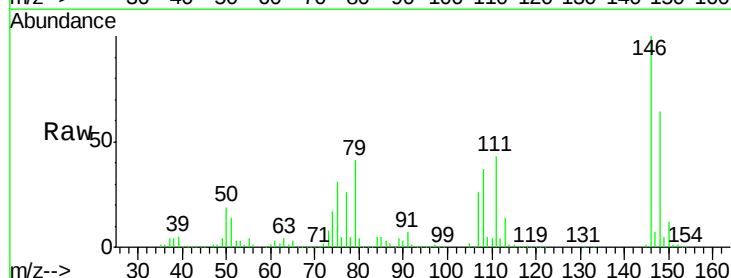
Tgt Ion: 146 Resp: 495290

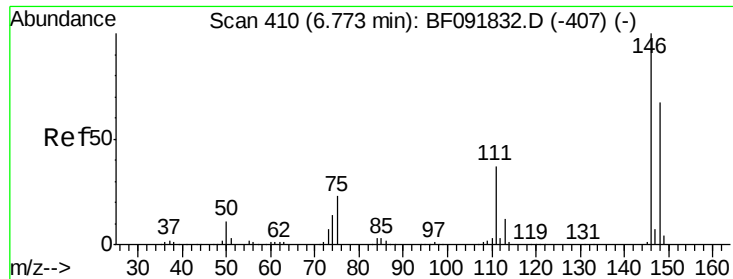
Ion Ratio Lower Upper

146 100

148 63.9 53.4 80.0

75 30.7 18.5 27.7#

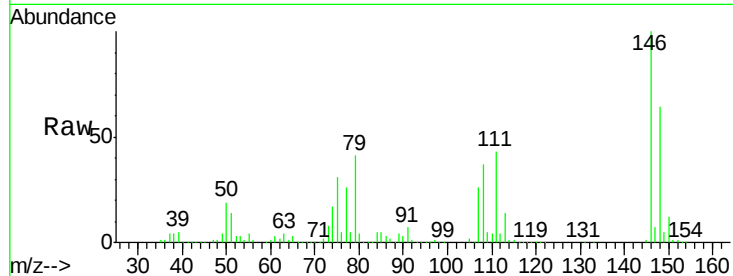




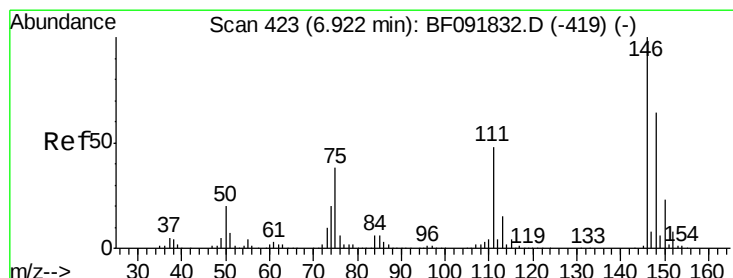
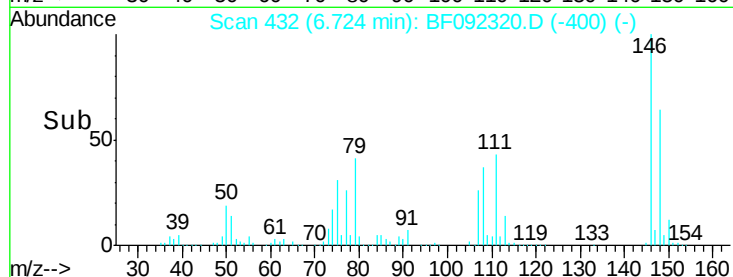
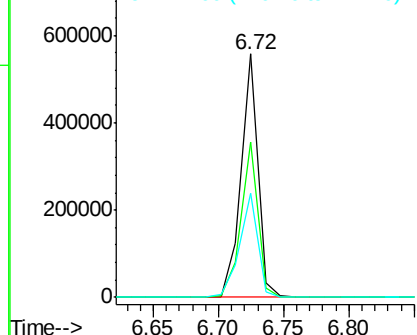
#13
 1,4-Dichlorobenzene
 Concen: 10.34 ng
 RT: 6.72 min Scan# 432
 Delta R.T. 0.06 min
 Lab File: BF092320.D
 Acq: 17 Jan 2017 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB96060BS

Tgt Ion:146 Resp: 495290
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.6 76.0
 111 42.9 36.2 54.4

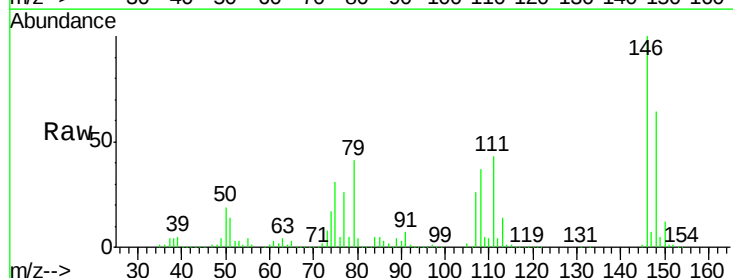


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

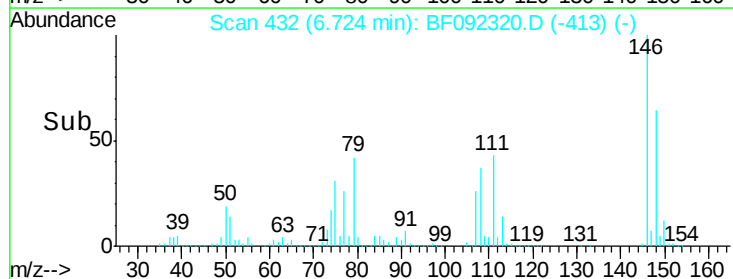
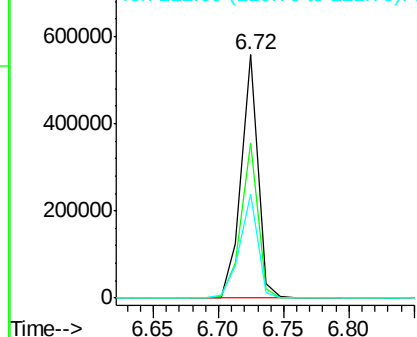


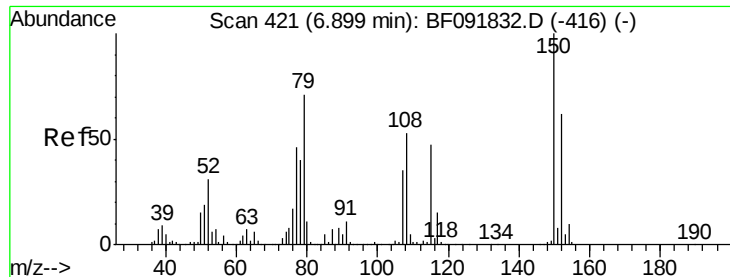
#14
 1,2-Dichlorobenzene
 Concen: 11.92 ng
 RT: 6.72 min Scan# 432
 Delta R.T. -0.09 min
 Lab File: BF092320.D
 Acq: 17 Jan 2017 17:06

Tgt Ion:146 Resp: 495290
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.2 78.2
 111 42.9 36.2 54.2



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 11.61 ng

RT: 6.71 min Scan# 431

Delta R.T. -0.09 min

Lab File: BF092320.D

Acq: 17 Jan 2017 17:06

Instrument :

BNA_F

ClientSampleId :

PB96060BS

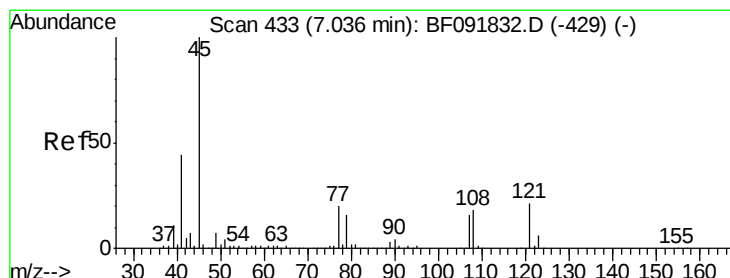
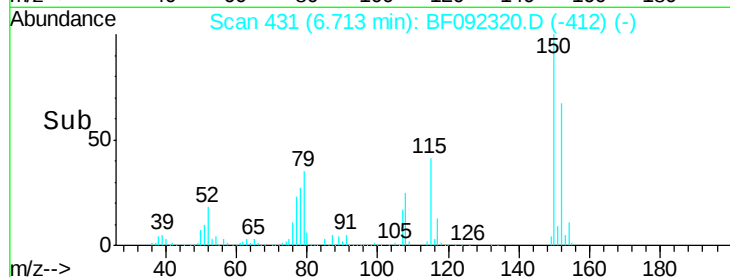
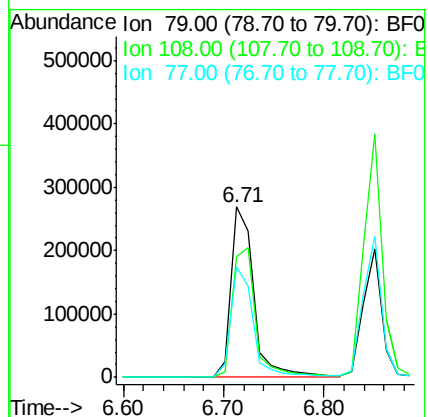
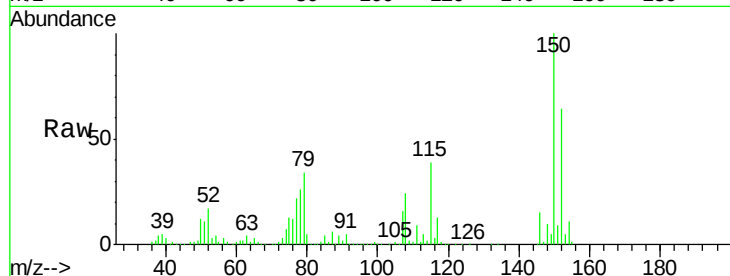
Tgt Ion: 79 Resp: 426700

Ion Ratio Lower Upper

79 100

108 70.9 61.4 92.0

77 64.8 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 11.48 ng

RT: 6.85 min Scan# 443

Delta R.T. -0.09 min

Lab File: BF092320.D

Acq: 17 Jan 2017 17:06

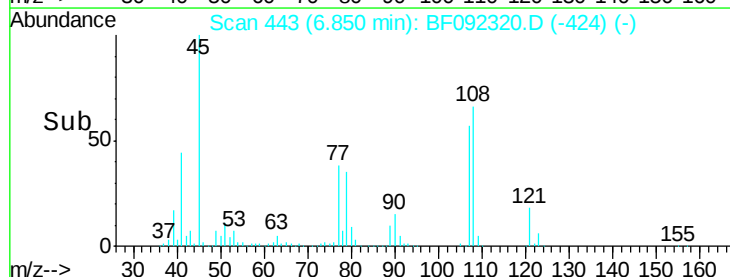
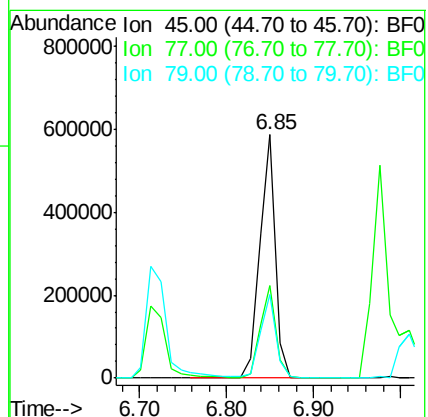
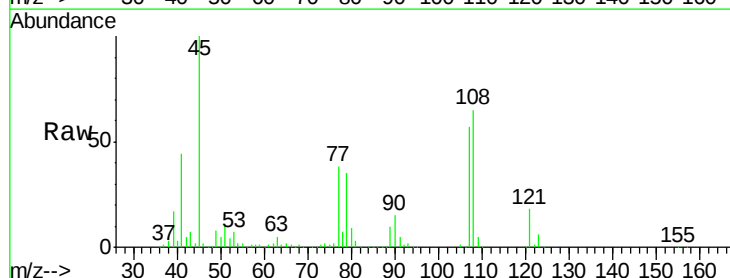
Tgt Ion: 45 Resp: 733109

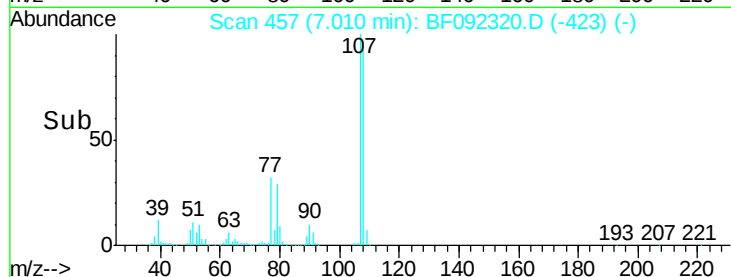
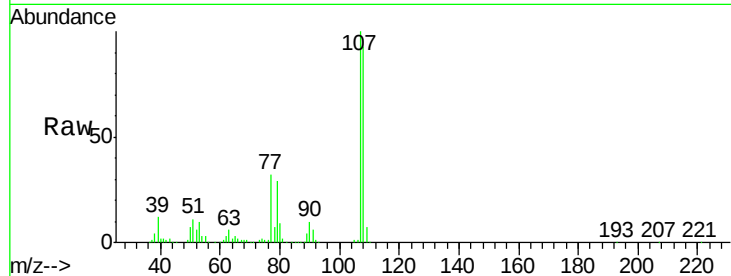
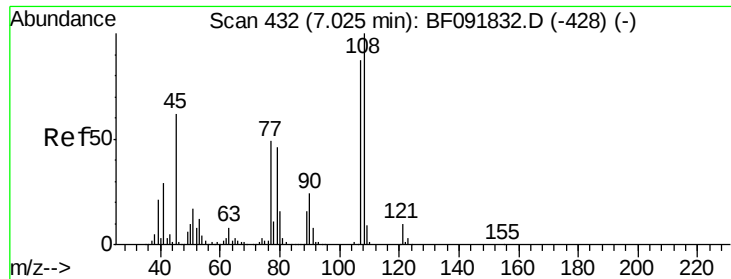
Ion Ratio Lower Upper

45 100

77 38.0 0.0 34.6#

79 34.6 0.0 31.2#

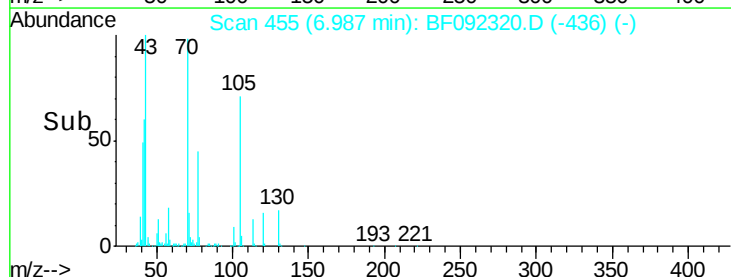
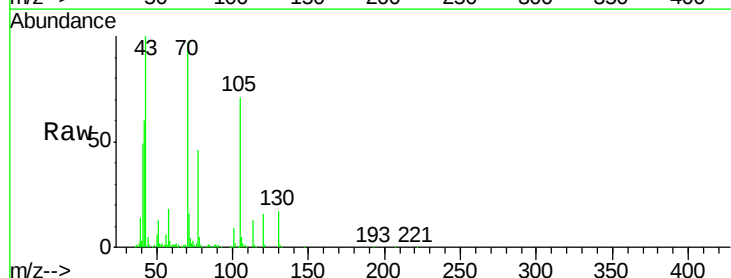
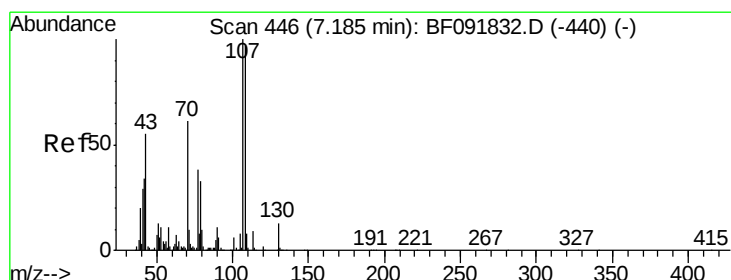
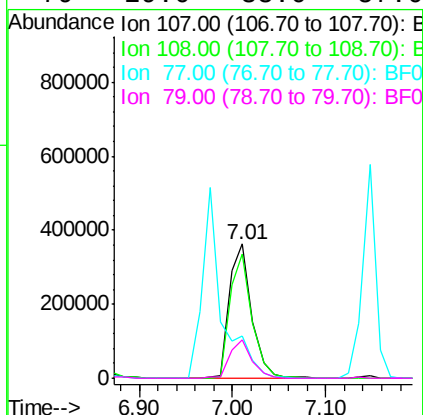




#17
2-Methylphenol
Concen: 16.99 ng
RT: 7.01 min Scan# 457
Delta R.T. 0.08 min
Lab File: BF092320.D
Acq: 17 Jan 2017 17:06

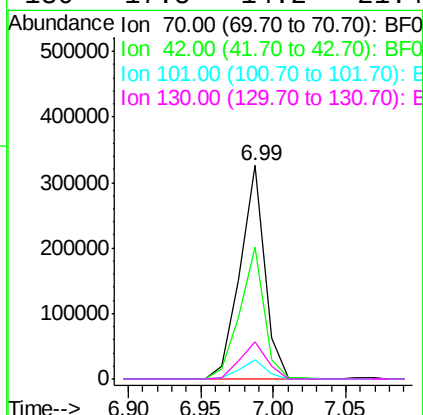
Instrument :
BNA_F
ClientSampleId :
PB96060BS

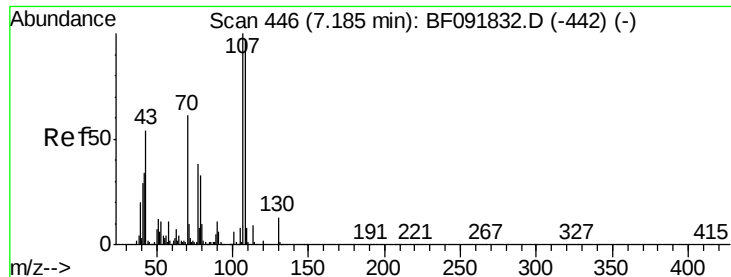
Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.6	93.0	139.6#
77	31.7	39.8	59.8#
79	29.0	38.0	57.0#



#19
n-Nitroso-di-n-propylamine
Concen: 12.20 ng
RT: 6.99 min Scan# 455
Delta R.T. -0.09 min
Lab File: BF092320.D
Acq: 17 Jan 2017 17:06

Tgt Ion	Ratio	Lower	Upper
70	100		
42	61.5	49.4	74.0
101	8.8	7.4	11.2
130	17.5	14.2	21.4

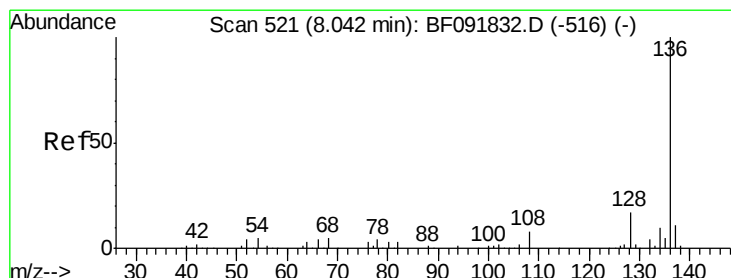
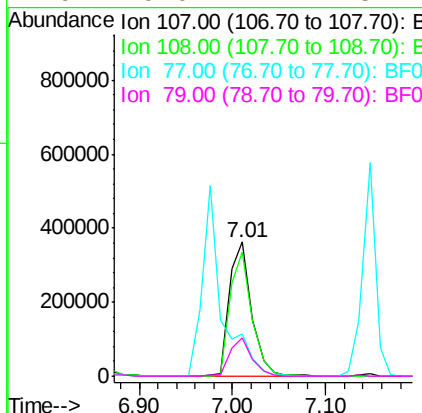
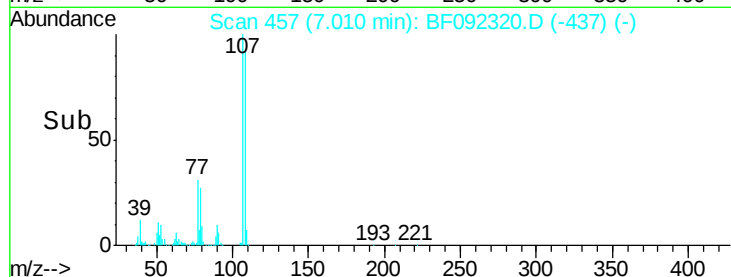
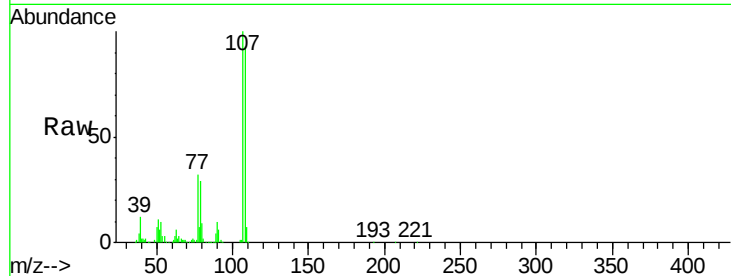




#20
3+4-Methylphenols
Concen: 14.24 ng
RT: 7.01 min Scan# 457
Delta R.T. -0.08 min
Lab File: BF092320.D
Acq: 17 Jan 2017 17:06

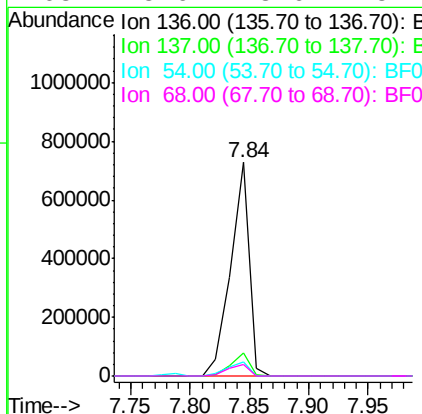
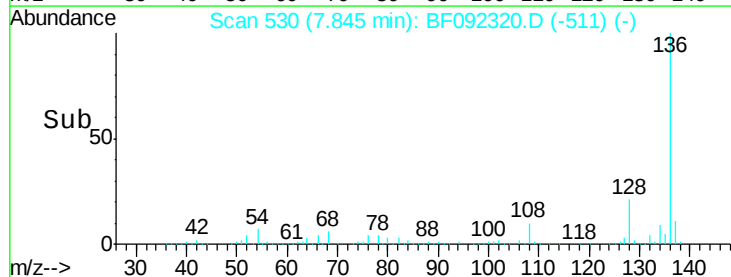
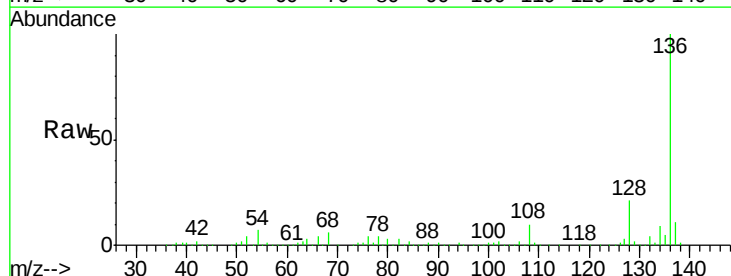
Instrument :
BNA_F
ClientSampleId :
PB96060BS

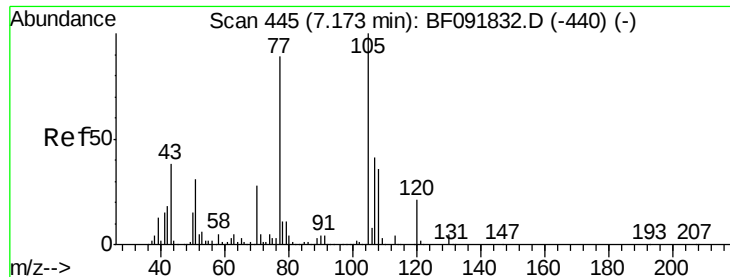
Tgt Ion:107 Resp: 602339
Ion Ratio Lower Upper
107 100
108 92.6 73.0 113.0
77 31.7 71.3 111.3#
79 29.0 11.1 51.1



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 530
Delta R.T. -0.09 min
Lab File: BF092320.D
Acq: 17 Jan 2017 17:06

Tgt Ion:136 Resp: 789877
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 6.9 4.5 6.7#
68 5.6 3.6 5.4#





#22

Acetophenone

Concen: 39.91 ng

RT: 6.98 min Scan# 454

Delta R.T. -0.09 min

Lab File: BF092320.D

Acq: 17 Jan 2017 17:06

Instrument :

BNA_F

ClientSampleId :

PB96060BS

Tgt Ion: 105 Resp: 777525

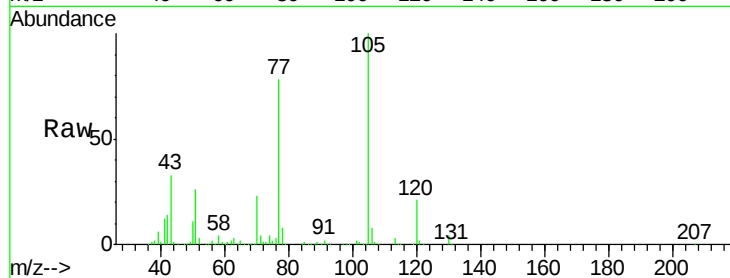
Ion Ratio Lower Upper

105 100

71 3.8 3.2 4.8

51 26.5 26.2 39.4

120 20.6 16.6 24.8

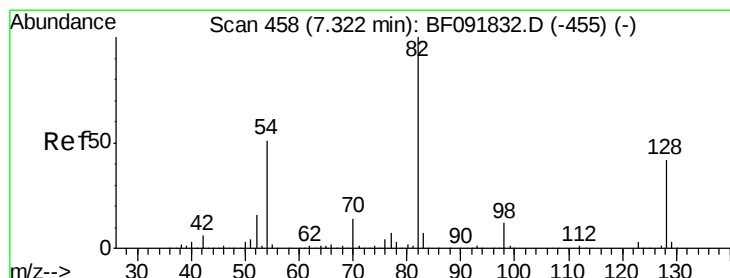
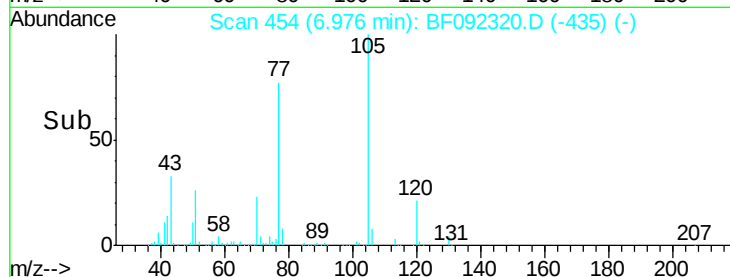
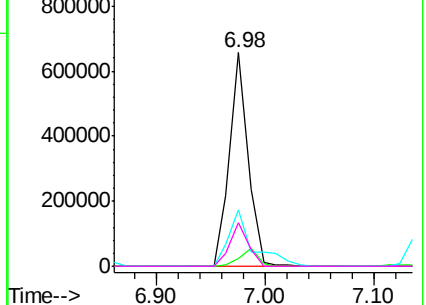


Abundance Ion 105.00 (104.70 to 105.70): E

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: 89.02 ng

RT: 7.14 min Scan# 468

Delta R.T. -0.08 min

Lab File: BF092320.D

Acq: 17 Jan 2017 17:06

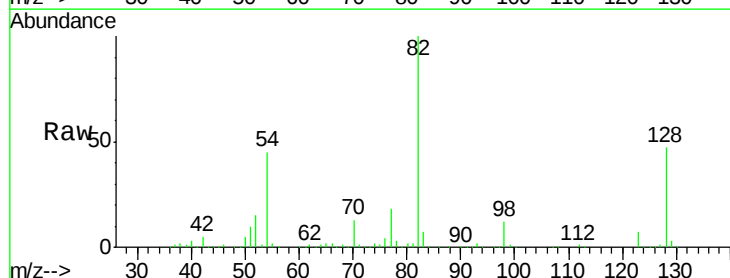
Tgt Ion: 82 Resp: 1264519

Ion Ratio Lower Upper

82 100

128 47.2 34.6 52.0

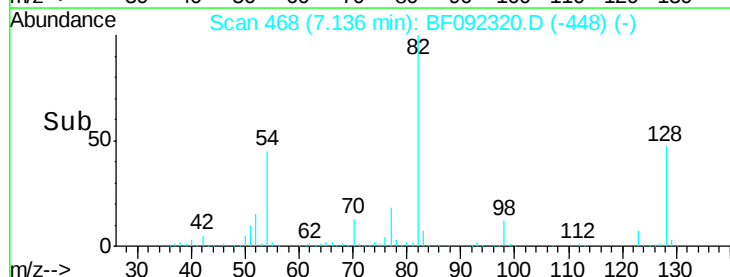
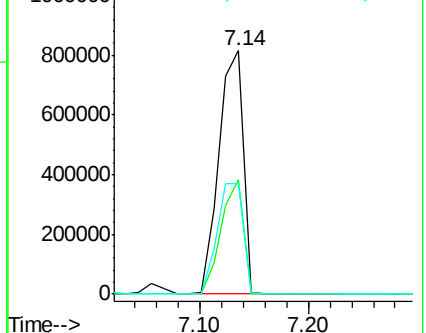
54 45.2 39.5 59.3

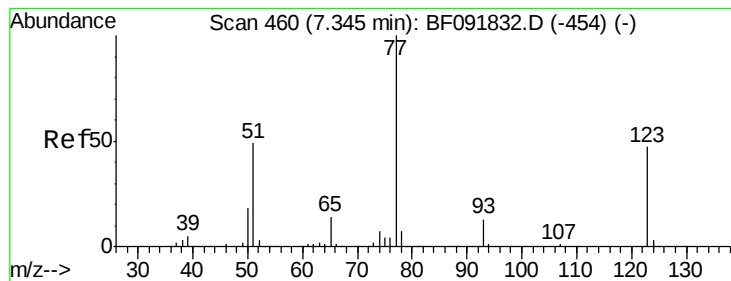


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 37.06 ng

RT: 7.15 min Scan# 469

Delta R.T. -0.09 min

Lab File: BF092320.D

Acq: 17 Jan 2017 17:06

Instrument :

BNA_F

ClientSampleId :

PB96060BS

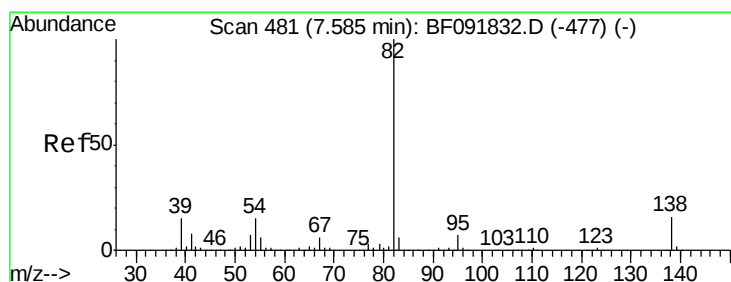
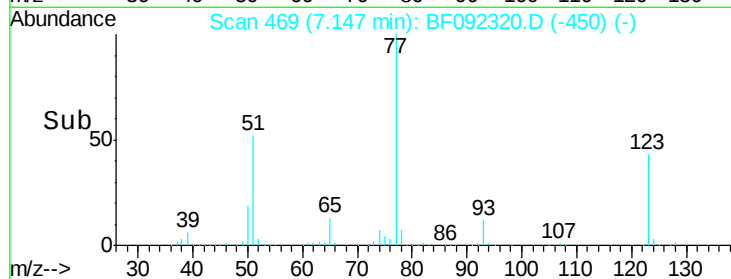
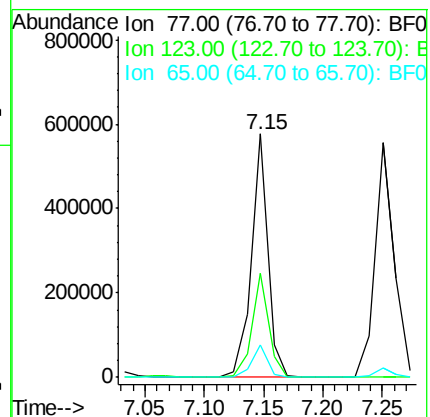
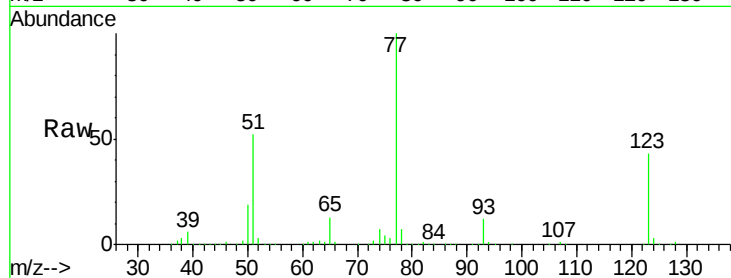
Tgt Ion: 77 Resp: 560668

Ion Ratio Lower Upper

77 100

123 42.7 33.0 49.4

65 13.4 11.2 16.8



#25

Isophorone

Concen: 40.86 ng

RT: 7.39 min Scan# 490

Delta R.T. -0.09 min

Lab File: BF092320.D

Acq: 17 Jan 2017 17:06

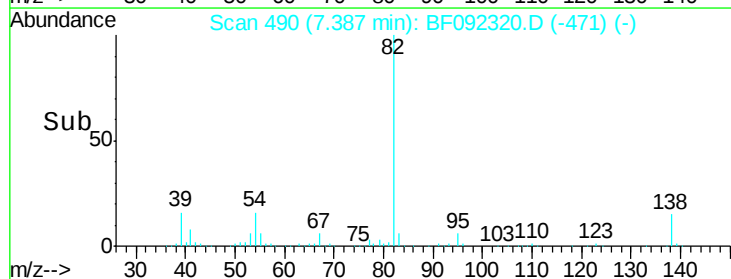
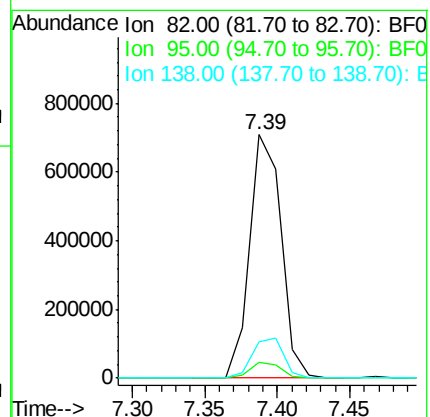
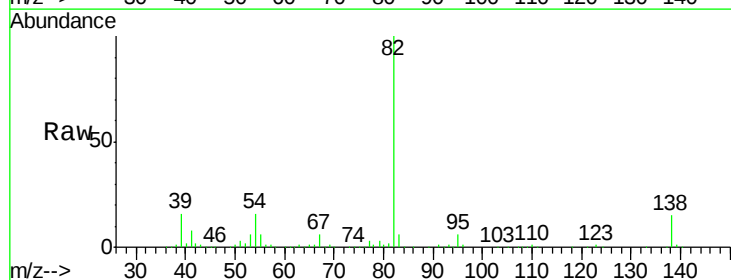
Tgt Ion: 82 Resp: 1070797

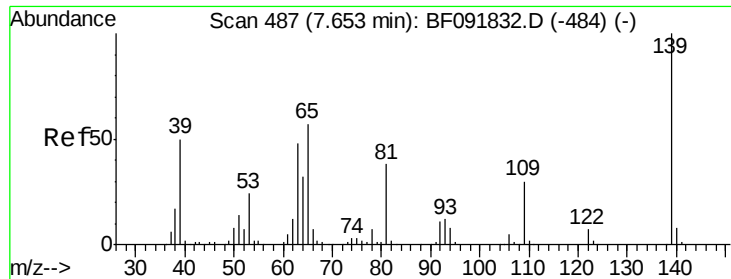
Ion Ratio Lower Upper

82 100

95 6.3 5.6 8.4

138 15.1 14.6 22.0

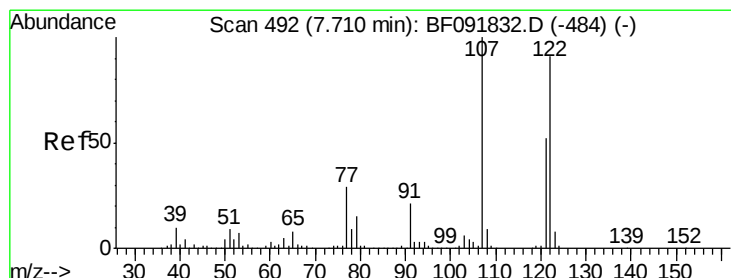
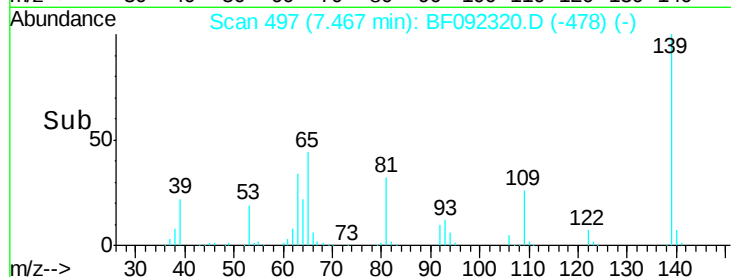
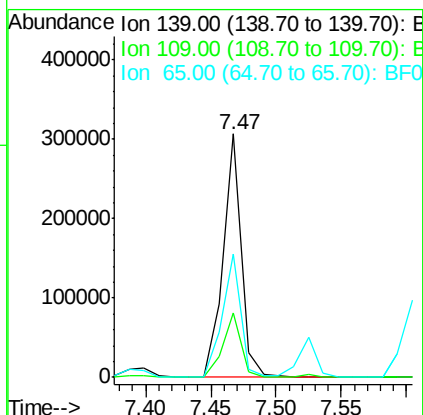
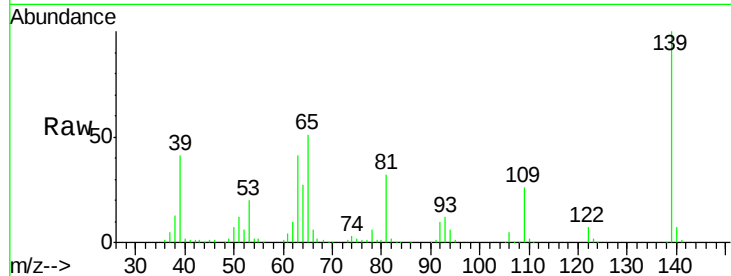




#26
2-Nitrophenol
Concen: 40.32 ng
RT: 7.47 min Scan# 497
Delta R.T. -0.09 min
Lab File: BF092320.D
Acq: 17 Jan 2017 17:06

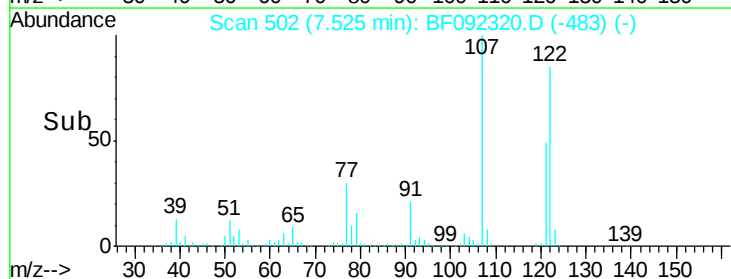
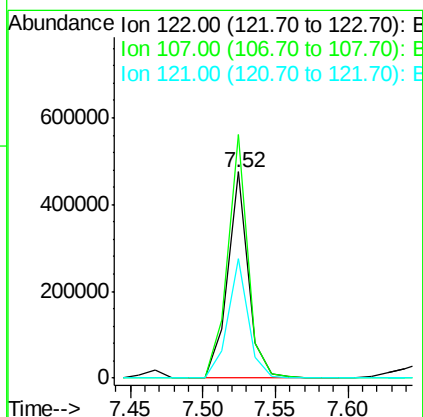
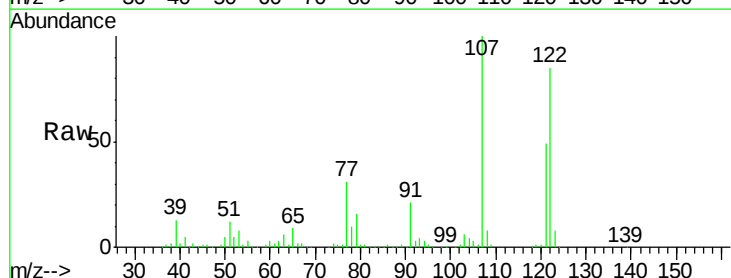
Instrument :
BNA_F
ClientSampleId :
PB96060BS

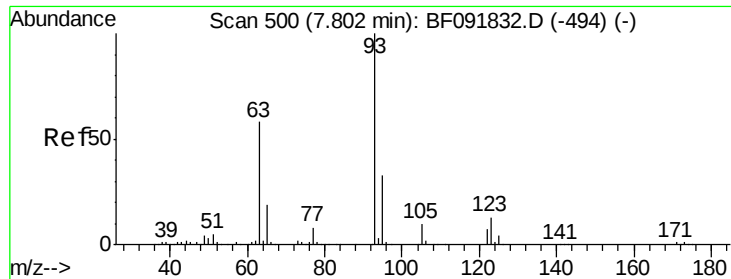
Tgt Ion:139 Resp: 300851
Ion Ratio Lower Upper
139 100
109 26.4 23.3 34.9
65 50.7 42.7 64.1



#27
2,4-Dimethylphenol
Concen: 38.10 ng
RT: 7.52 min Scan# 502
Delta R.T. -0.09 min
Lab File: BF092320.D
Acq: 17 Jan 2017 17:06

Tgt Ion:122 Resp: 471533
Ion Ratio Lower Upper
122 100
107 118.1 94.1 141.1
121 57.9 46.0 69.0

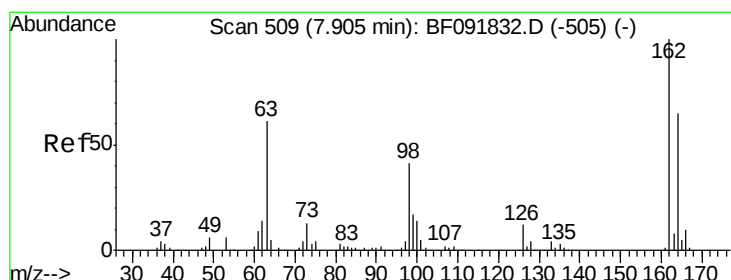
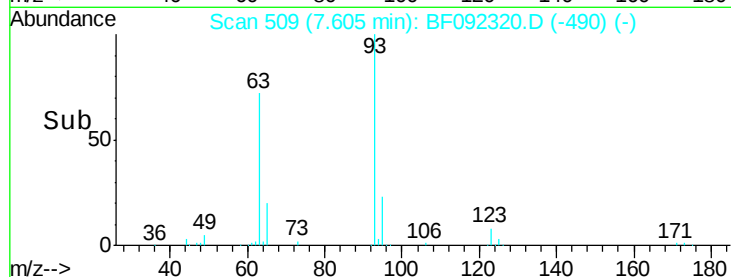
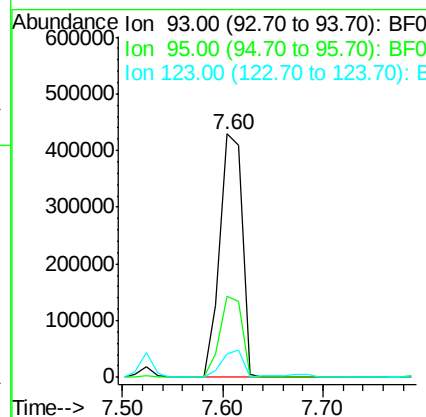
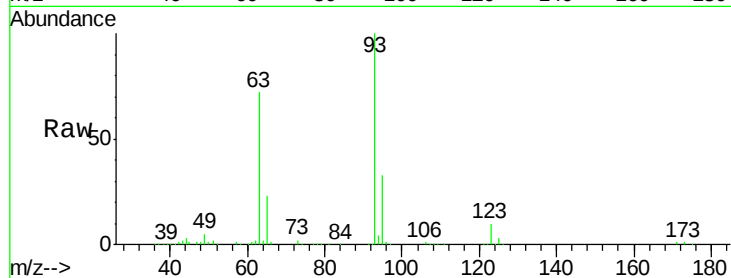




#28
 bis(2-Chloroethoxy)methane
 Concen: 42.11 ng
 RT: 7.60 min Scan# 509
 Delta R.T. -0.09 min
 Lab File: BF092320.D
 Acq: 17 Jan 2017 17:06

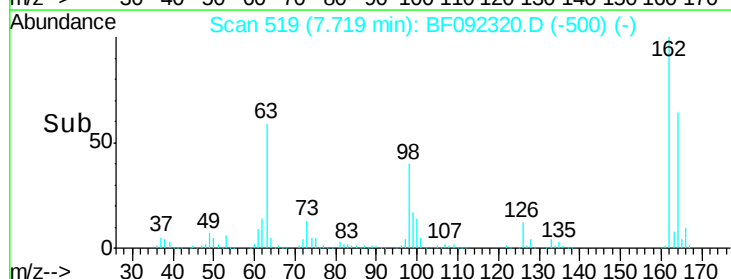
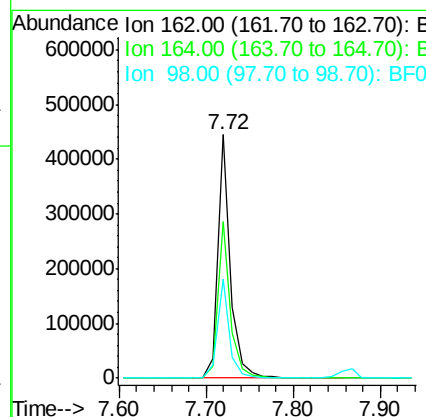
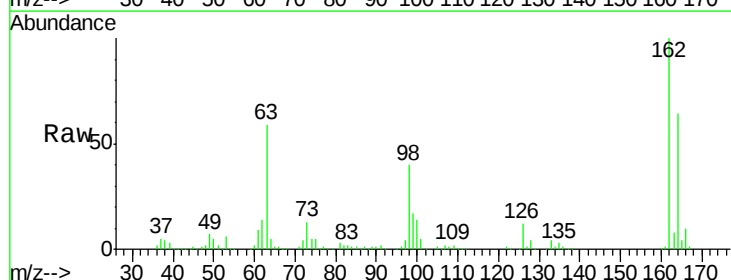
Instrument :
 BNA_F
 ClientSampleId :
 PB96060BS

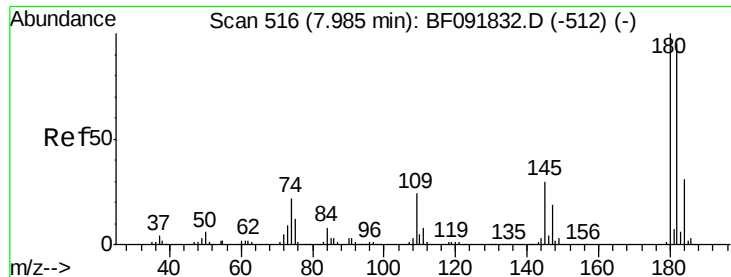
Tgt Ion: 93 Resp: 669294
 Ion Ratio Lower Upper
 93 100
 95 33.3 26.5 39.7
 123 9.5 8.6 13.0



#29
 2,4-Dichlorophenol
 Concen: 42.80 ng
 RT: 7.72 min Scan# 519
 Delta R.T. -0.09 min
 Lab File: BF092320.D
 Acq: 17 Jan 2017 17:06

Tgt Ion: 162 Resp: 448482
 Ion Ratio Lower Upper
 162 100
 164 64.3 46.8 86.8
 98 40.4 9.1 49.1

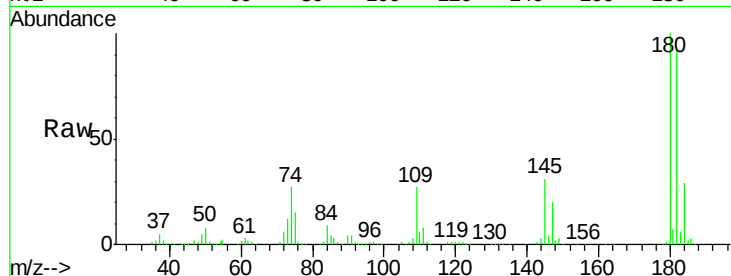




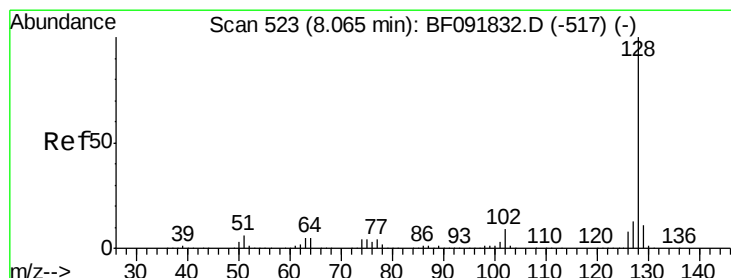
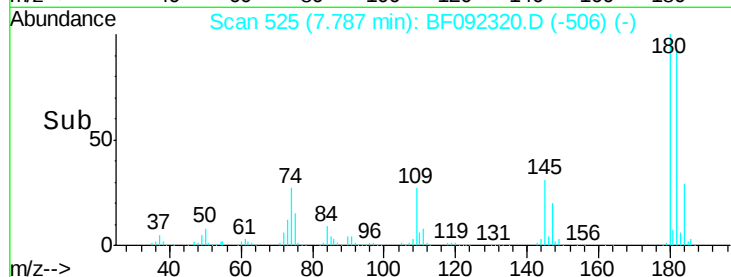
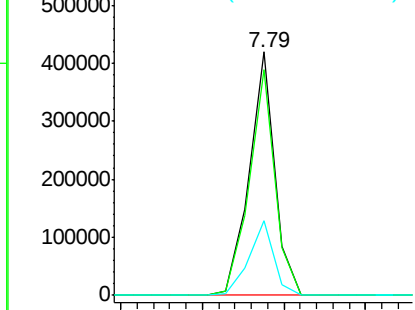
#30
 1,2,4-Trichlorobenzene
 Concen: 39.50 ng
 RT: 7.79 min Scan# 525
 Delta R.T. -0.09 min
 Lab File: BF092320.D
 Acq: 17 Jan 2017 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB96060BS

Tgt Ion:180 Resp: 453576
 Ion Ratio Lower Upper
 180 100
 182 92.6 78.2 117.4
 145 30.6 21.6 32.4

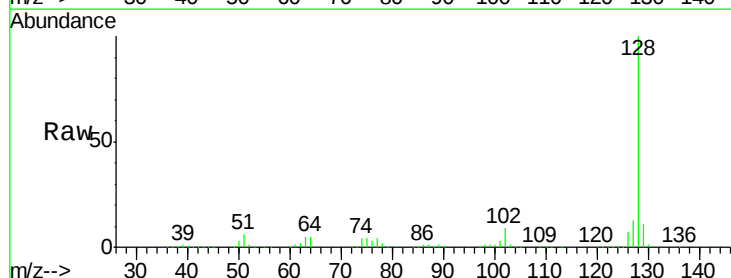


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

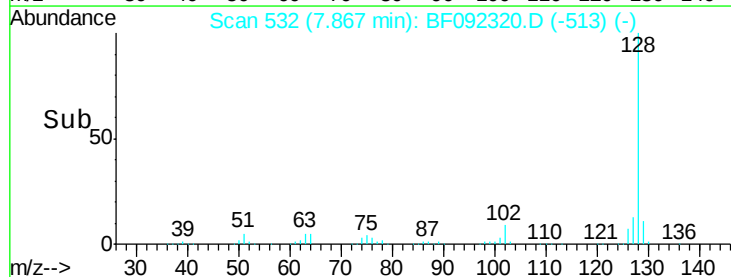
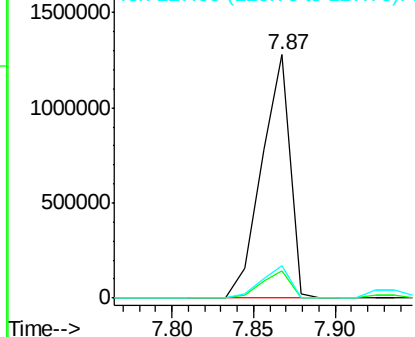


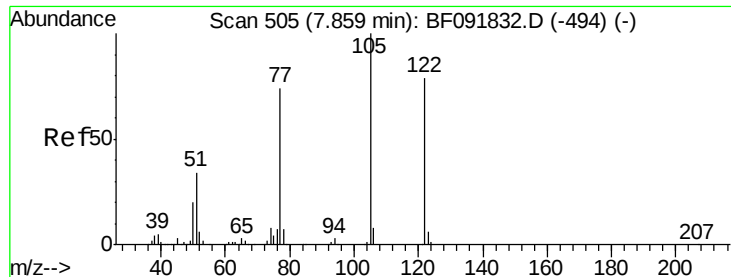
#31
 Naphthalene
 Concen: 42.60 ng
 RT: 7.87 min Scan# 532
 Delta R.T. -0.09 min
 Lab File: BF092320.D
 Acq: 17 Jan 2017 17:06

Tgt Ion:128 Resp: 1540041
 Ion Ratio Lower Upper
 128 100
 129 11.2 9.5 14.3
 127 13.2 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

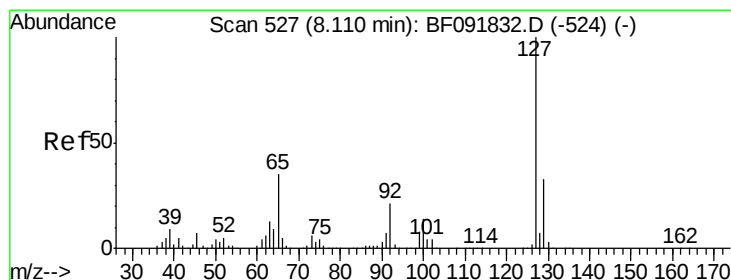
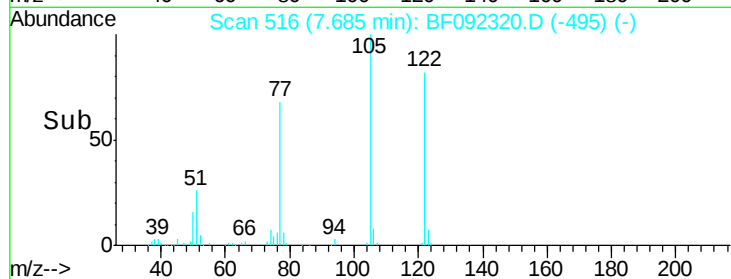
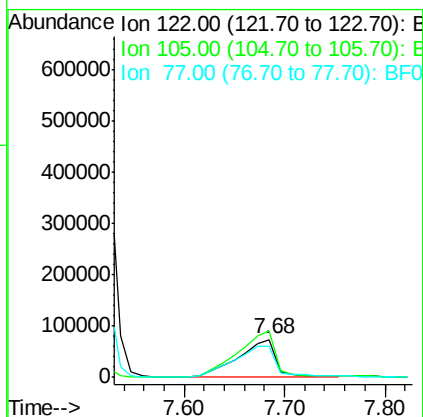
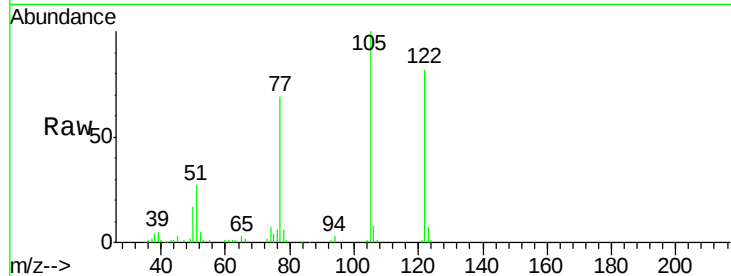




#32
Benzoic acid
Concen: 20.72 ng
RT: 7.68 min Scan# 516
Delta R.T. -0.07 min
Lab File: BF092320.D
Acq: 17 Jan 2017 17:06

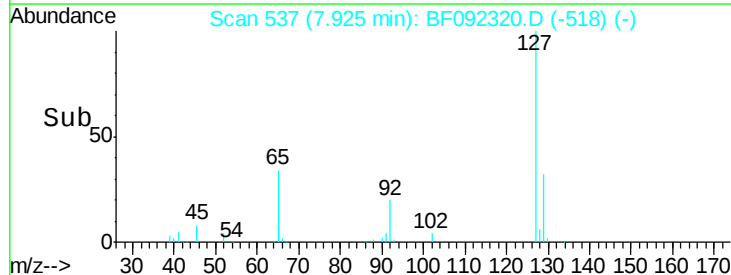
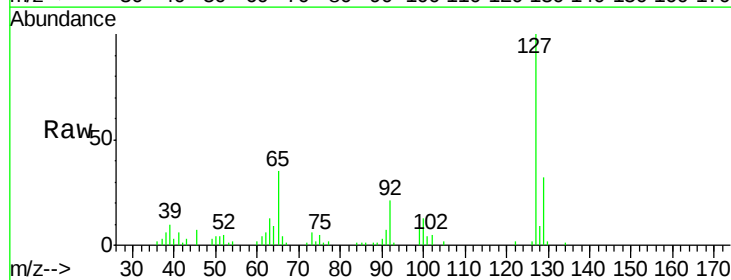
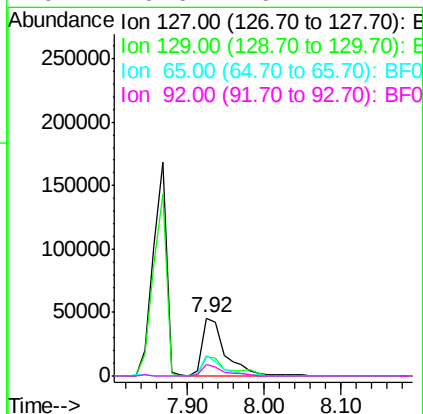
Instrument :
BNA_F
ClientSampleId :
PB96060BS

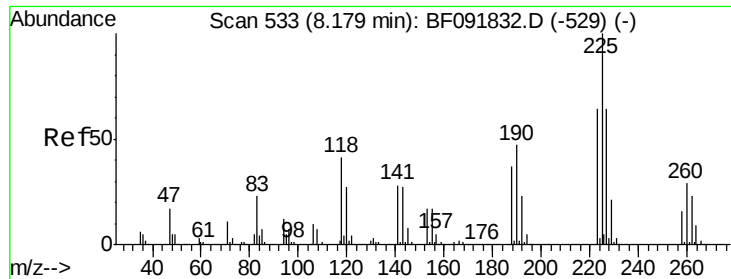
Tgt Ion:122 Resp: 190158
Ion Ratio Lower Upper
122 100
105 122.1 107.2 147.2
77 84.0 74.5 114.5



#33
4-Chloroaniline
Concen: 5.91 ng
RT: 7.92 min Scan# 537
Delta R.T. -0.09 min
Lab File: BF092320.D
Acq: 17 Jan 2017 17:06

Tgt Ion:127 Resp: 96297
Ion Ratio Lower Upper
127 100
129 32.3 26.3 39.5
65 35.3 25.8 38.8
92 20.6 16.1 24.1





#34

Hexachlorobutadiene

Concen: 39.39 ng

RT: 7.98 min Scan# 542

Delta R.T. -0.10 min

Lab File: BF092320.D

Acq: 17 Jan 2017 17:06

Instrument :

BNA_F

ClientSampleId :

PB96060BS

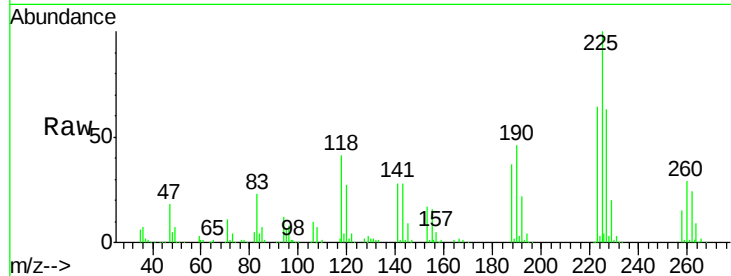
Tgt Ion:225 Resp: 238727

Ion Ratio Lower Upper

225 100

223 64.0 51.0 76.6

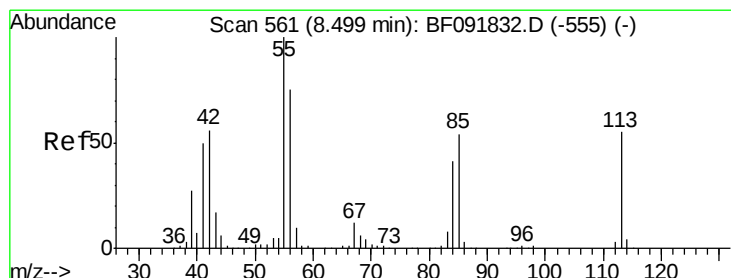
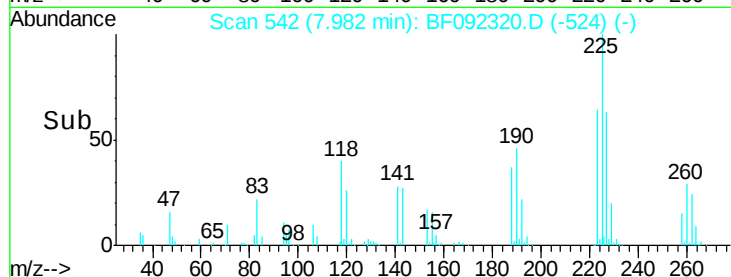
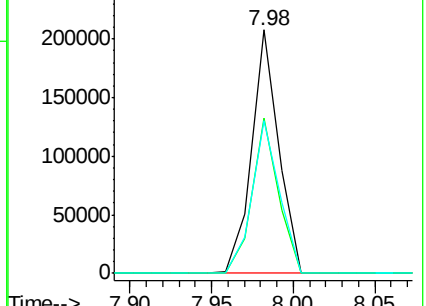
227 62.6 50.6 76.0



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 25.08 ng

RT: 8.31 min Scan# 571

Delta R.T. -0.08 min

Lab File: BF092320.D

Acq: 17 Jan 2017 17:06

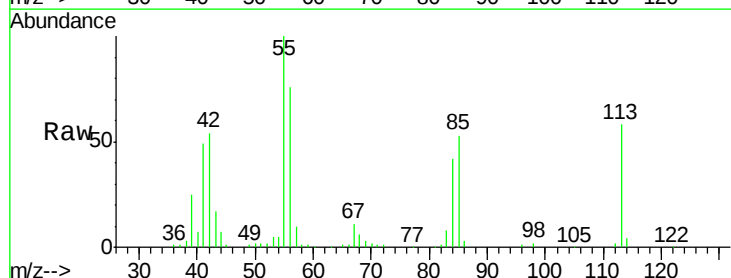
Tgt Ion:113 Resp: 86357

Ion Ratio Lower Upper

113 100

55 172.1 119.2 159.2#

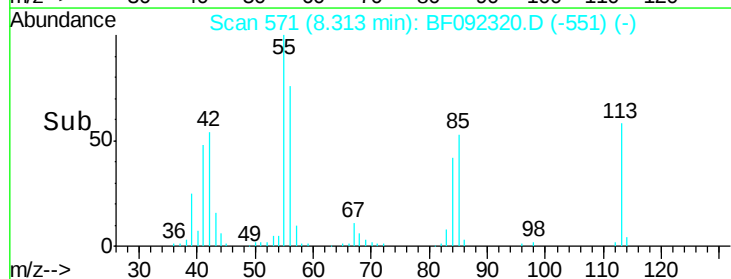
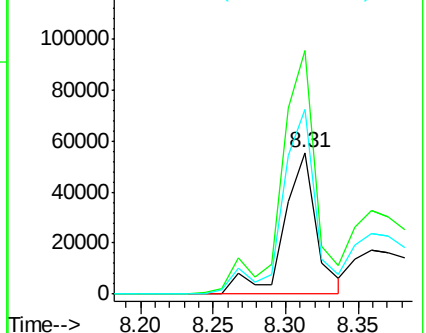
56 130.3 83.8 123.8#

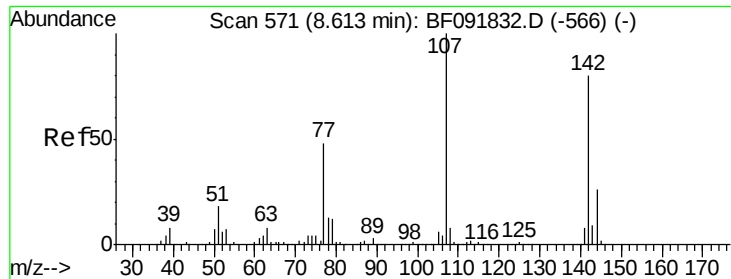


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

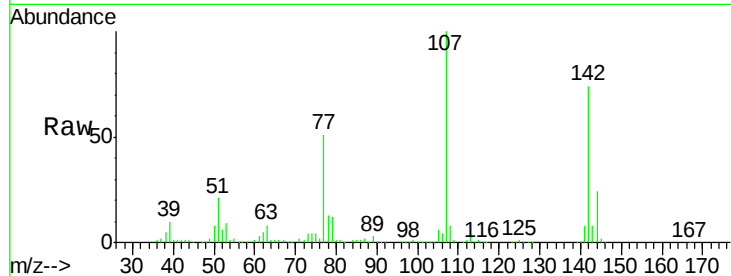




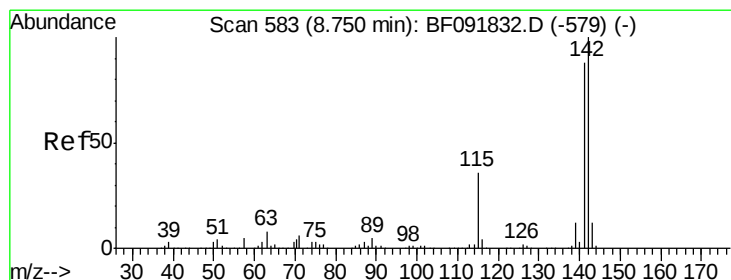
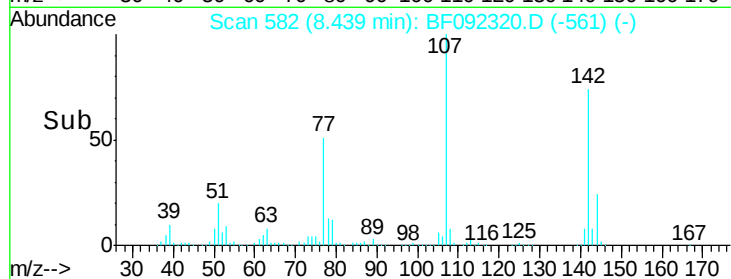
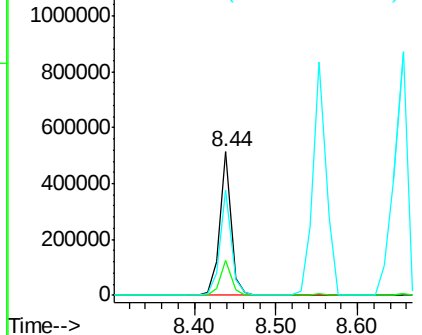
#36
 4-Chloro-3-methylphenol
 Concen: 41.44 ng
 RT: 8.44 min Scan# 582
 Delta R.T. -0.07 min
 Lab File: BF092320.D
 Acq: 17 Jan 2017 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB96060BS

Tgt Ion:107 Resp: 499655
 Ion Ratio Lower Upper
 107 100
 144 24.4 19.3 28.9
 142 73.9 59.0 88.6

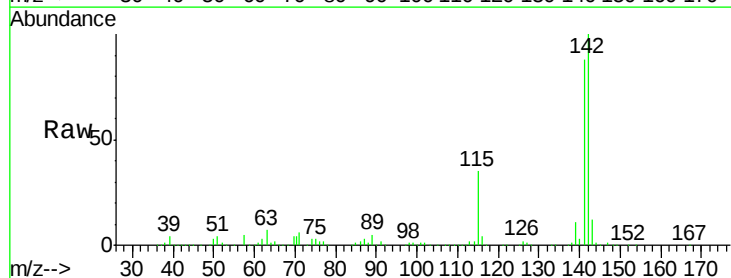


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

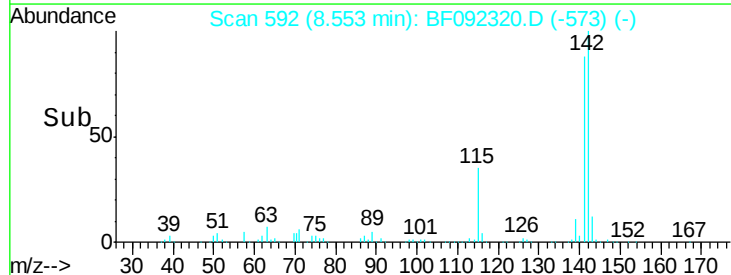
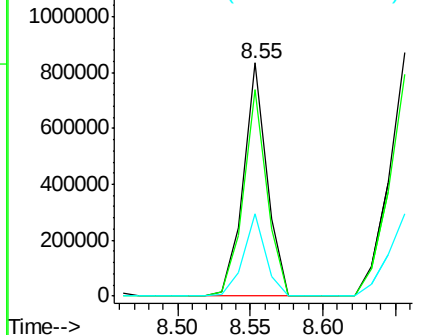


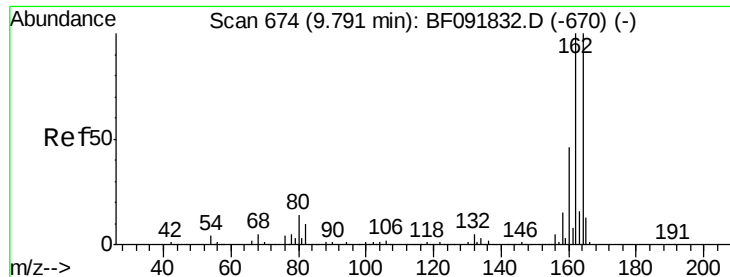
#37
 2-Methylnaphthalene
 Concen: 41.93 ng
 RT: 8.55 min Scan# 592
 Delta R.T. -0.09 min
 Lab File: BF092320.D
 Acq: 17 Jan 2017 17:06

Tgt Ion:142 Resp: 941386
 Ion Ratio Lower Upper
 142 100
 141 88.4 71.0 106.6
 115 35.1 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: 9.59 min Scan# 683

Delta R.T. -0.09 min

Lab File: BF092320.D

Acq: 17 Jan 2017 17:06

Instrument :

BNA_F

ClientSampleId :

PB96060BS

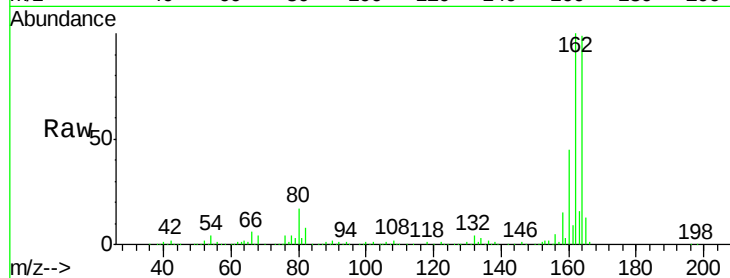
Tgt Ion:164 Resp: 414869

Ion Ratio Lower Upper

164 100

162 100.8 80.2 120.2

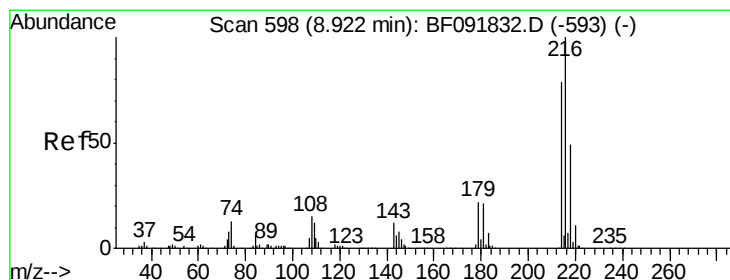
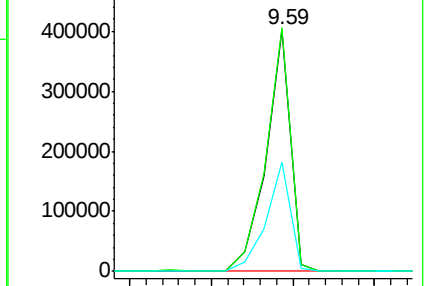
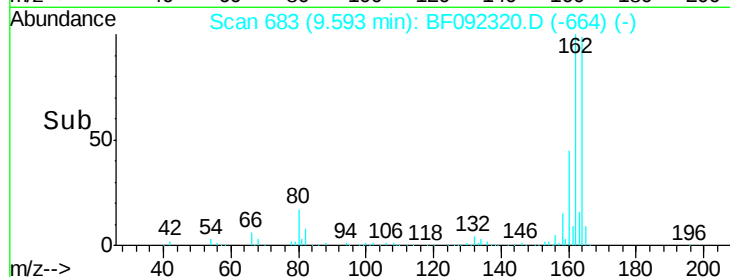
160 45.0 36.9 55.3



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: 41.37 ng

RT: 8.72 min Scan# 607

Delta R.T. -0.09 min

Lab File: BF092320.D

Acq: 17 Jan 2017 17:06

Tgt Ion:216 Resp: 433650

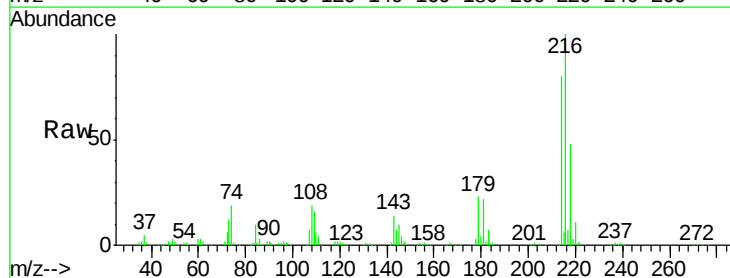
Ion Ratio Lower Upper

216 100

214 78.9 63.4 95.0

179 22.8 17.4 26.2

108 22.2 15.6 23.4

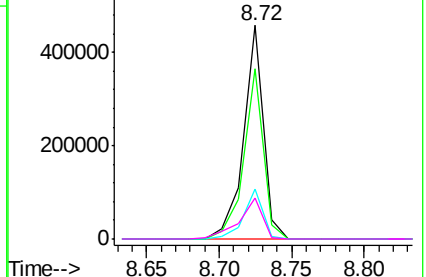
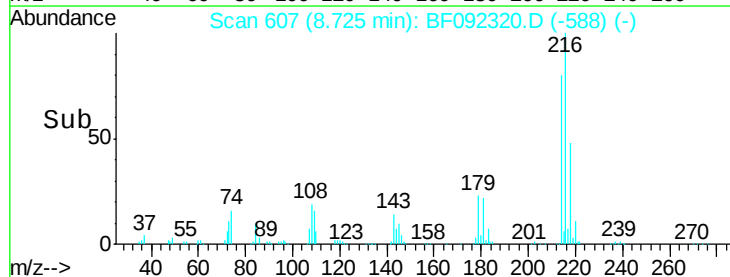


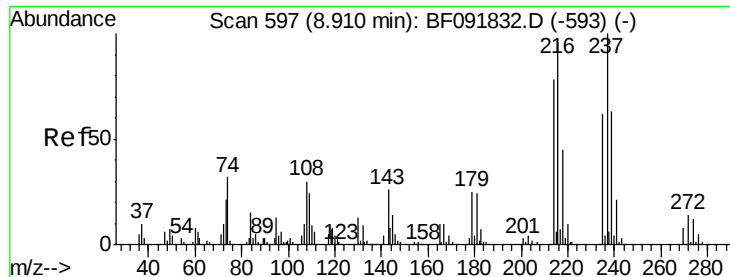
Abundance Ion 216.00 (215.70 to 216.70): E

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

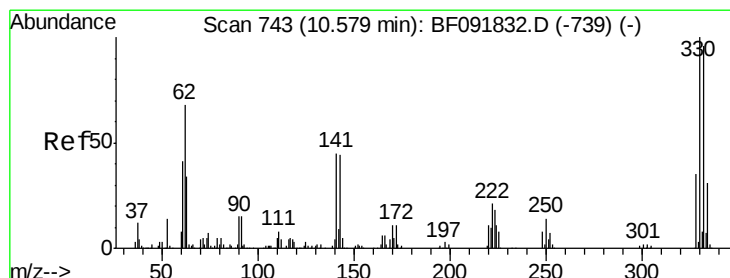
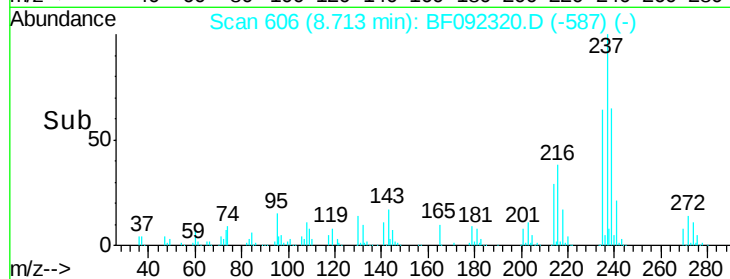
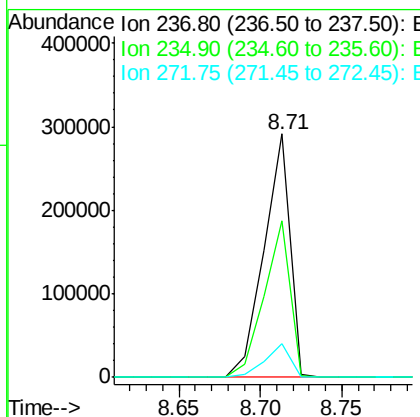
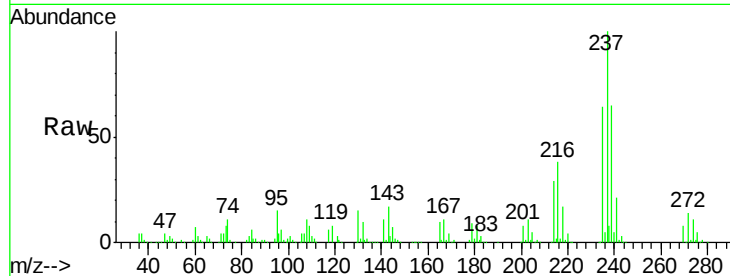




#40
Hexachlorocyclopentadiene
Concen: 70.09 ng
RT: 8.71 min Scan# 606
Delta R.T. -0.09 min
Lab File: BF092320.D
Acq: 17 Jan 2017 17:06

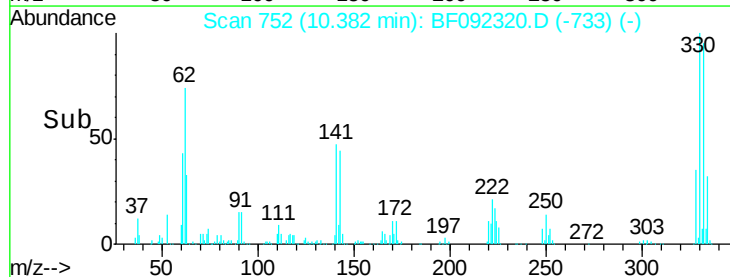
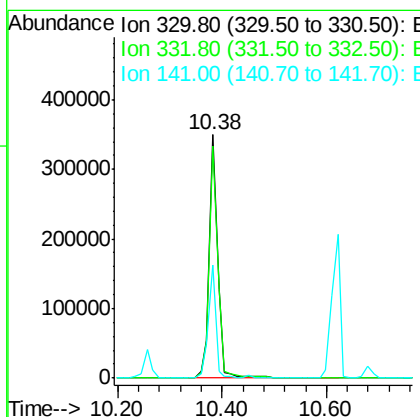
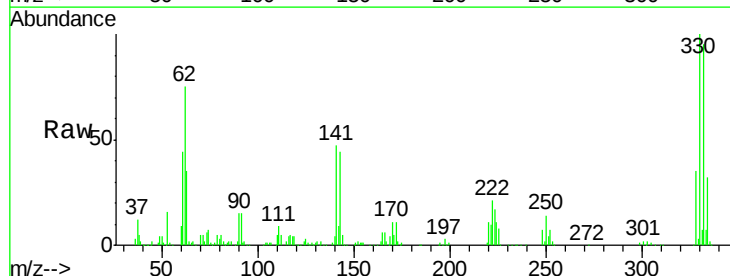
Instrument :
BNA_F
ClientSampleId :
PB96060BS

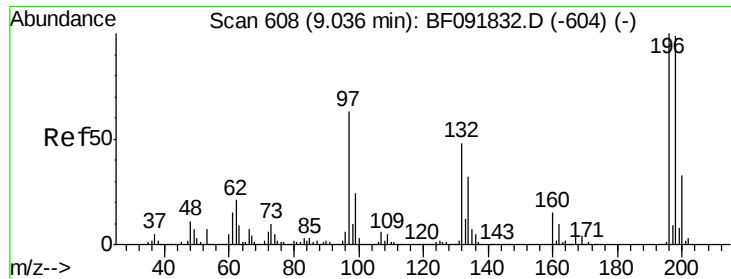
Tgt Ion:237 Resp: 324785
Ion Ratio Lower Upper
237 100
235 64.1 41.2 81.2
272 14.0 0.0 35.4



#41
2,4,6-Tribromophenol
Concen: 115.89 ng
RT: 10.38 min Scan# 752
Delta R.T. -0.09 min
Lab File: BF092320.D
Acq: 17 Jan 2017 17:06

Tgt Ion:330 Resp: 397885
Ion Ratio Lower Upper
330 100
332 97.2 77.4 116.2
141 40.6 34.1 51.1

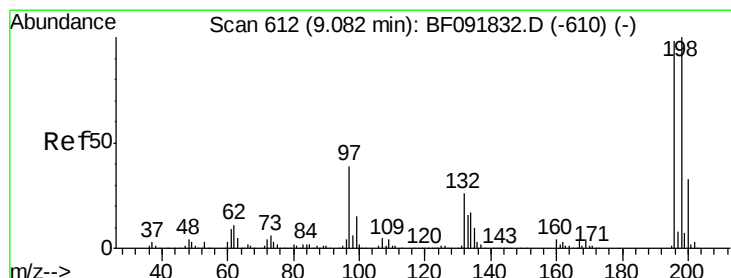
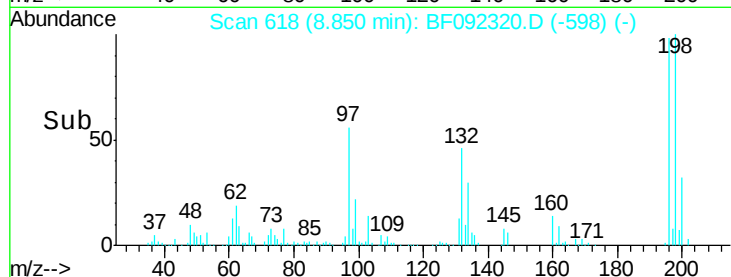
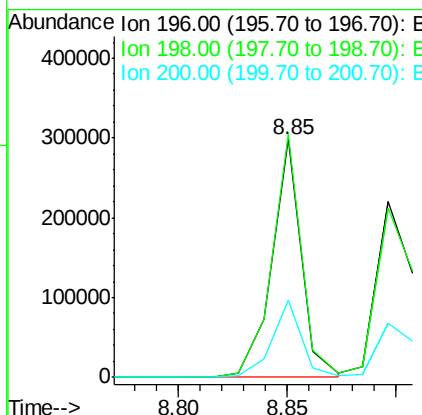
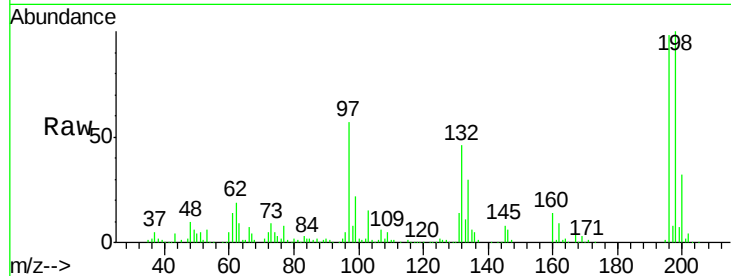




#42
 2,4,6-Trichlorophenol
 Concen: 38.79 ng
 RT: 8.85 min Scan# 618
 Delta R.T. -0.08 min
 Lab File: BF092320.D
 Acq: 17 Jan 2017 17:06

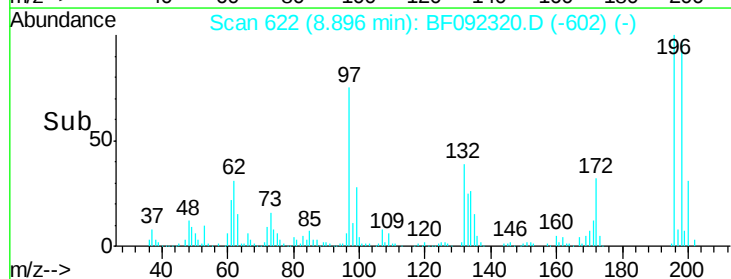
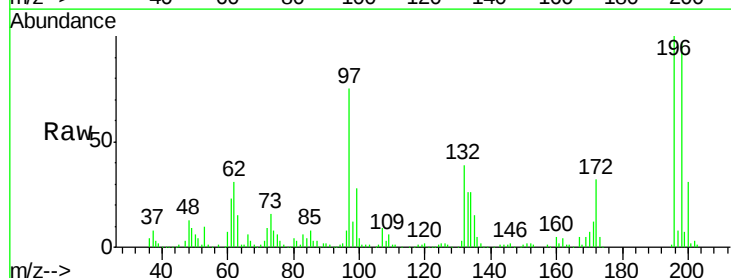
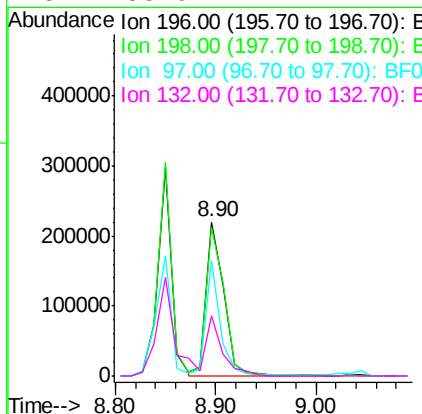
Instrument :
 BNA_F
 ClientSampleId :
 PB96060BS

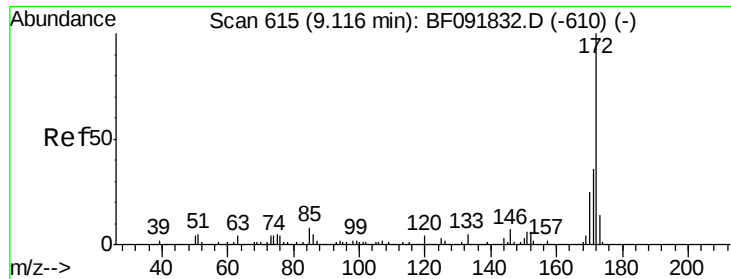
Tgt Ion:196 Resp: 284323
 Ion Ratio Lower Upper
 196 100
 198 102.3 82.1 123.1
 200 32.3 27.0 40.4



#43
 2,4,5-Trichlorophenol
 Concen: 35.78 ng
 RT: 8.90 min Scan# 622
 Delta R.T. -0.08 min
 Lab File: BF092320.D
 Acq: 17 Jan 2017 17:06

Tgt Ion:196 Resp: 269943
 Ion Ratio Lower Upper
 196 100
 198 96.6 79.4 119.2
 97 75.2 51.5 77.3
 132 38.9 27.4 41.2





#44

2-Fluorobiphenyl

Concen: 110.22 ng

RT: 8.93 min Scan# 625

Delta R.T. -0.08 min

Lab File: BF092320.D

Acq: 17 Jan 2017 17:06

Instrument :

BNA_F

ClientSampleId :

PB96060BS

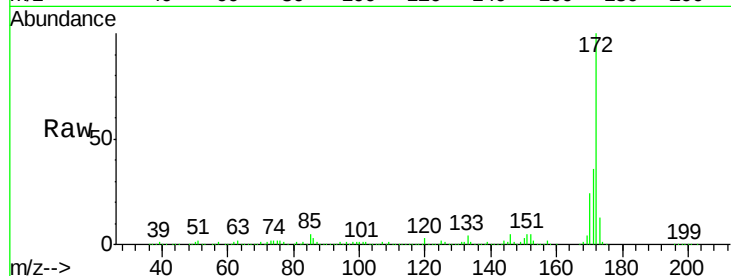
Tgt Ion:172 Resp: 2154321

Ion Ratio Lower Upper

172 100

171 35.7 29.4 44.0

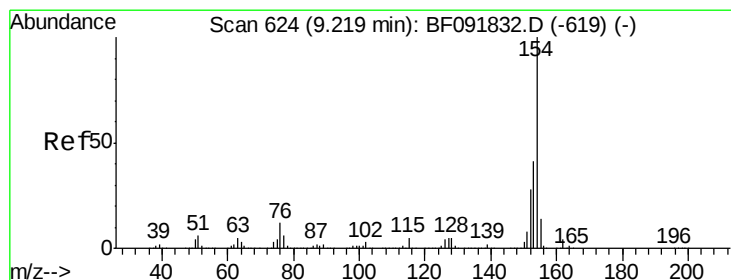
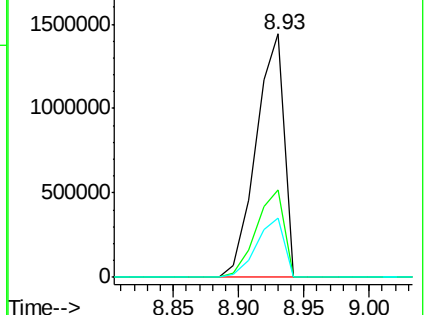
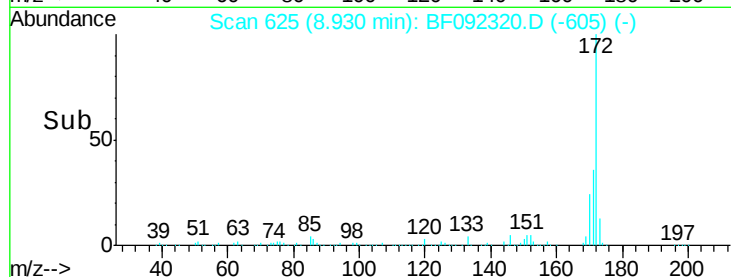
170 24.3 20.2 30.4



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 43.72 ng

RT: 9.02 min Scan# 633

Delta R.T. -0.09 min

Lab File: BF092320.D

Acq: 17 Jan 2017 17:06

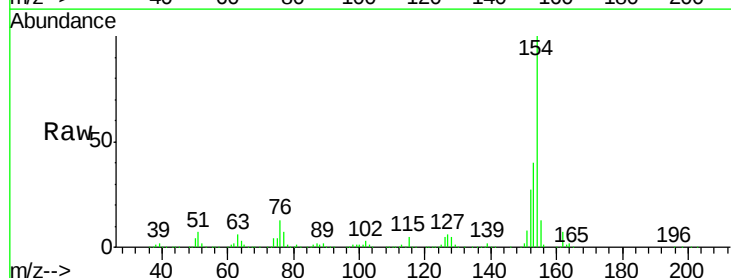
Tgt Ion:154 Resp: 1241944

Ion Ratio Lower Upper

154 100

153 40.1 20.9 60.9

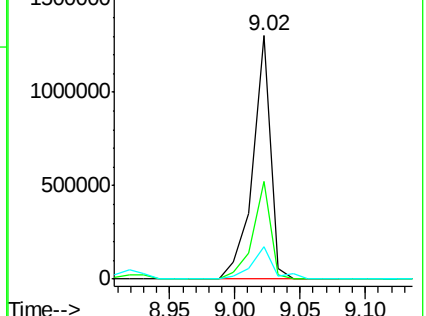
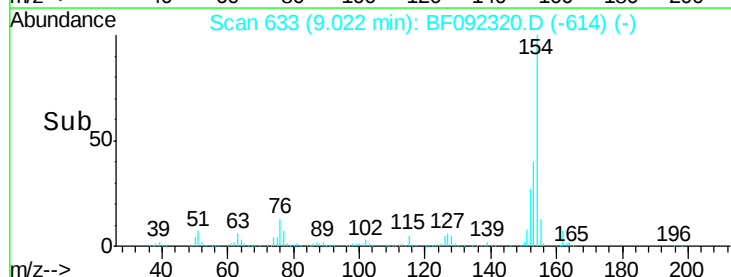
76 13.3 0.0 30.5

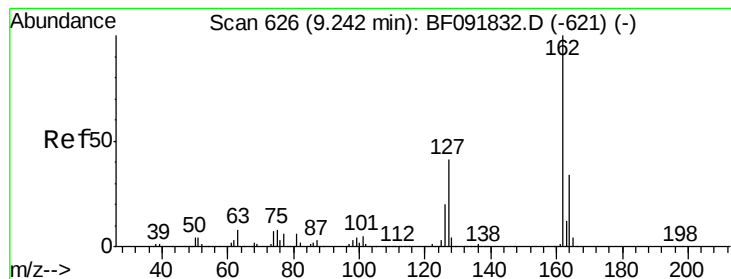


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

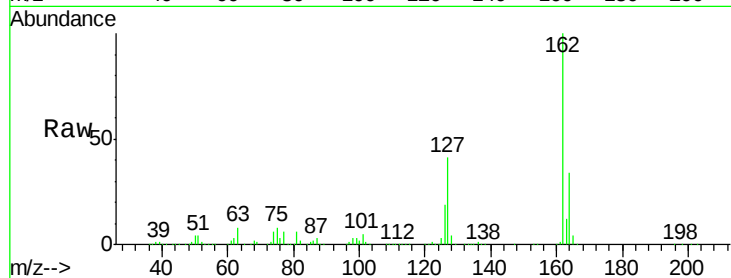




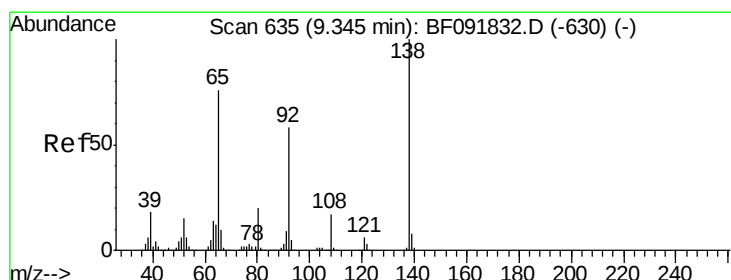
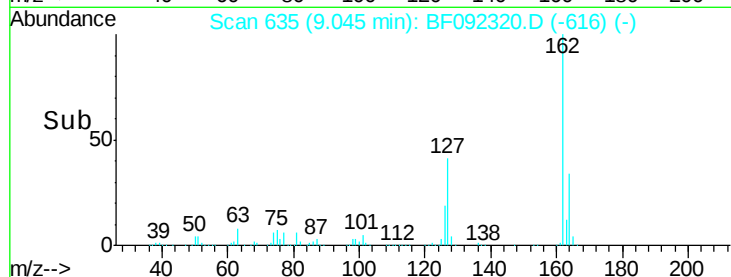
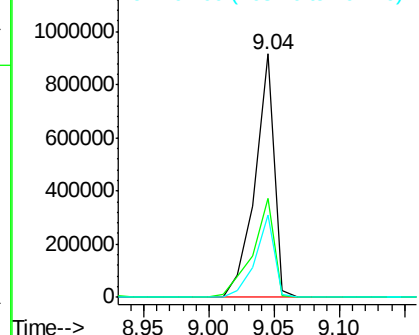
#46
2-Chloronaphthalene
Concen: 41.92 ng
RT: 9.04 min Scan# 635
Delta R.T. -0.09 min
Lab File: BF092320.D
Acq: 17 Jan 2017 17:06

Instrument :
BNA_F
ClientSampleId :
PB96060BS

Tgt Ion: 162 Resp: 942928
Ion Ratio Lower Upper
162 100
127 40.6 30.7 46.1
164 33.9 27.6 41.4

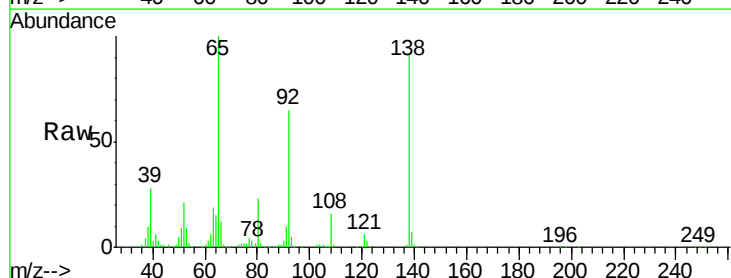


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

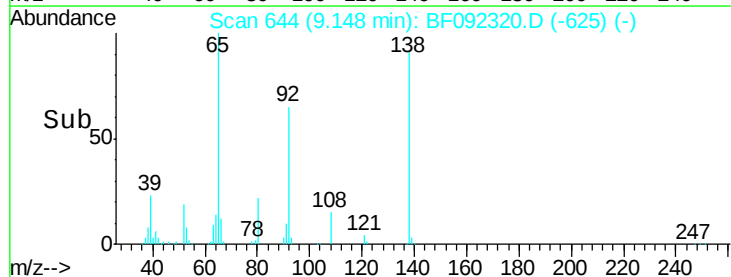
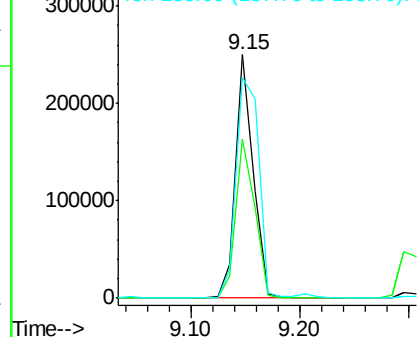


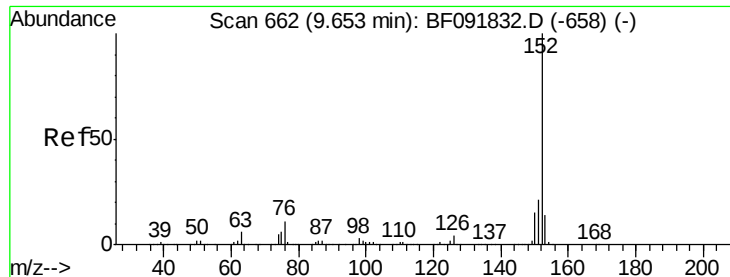
#47
2-Nitroaniline
Concen: 34.47 ng
RT: 9.15 min Scan# 644
Delta R.T. -0.09 min
Lab File: BF092320.D
Acq: 17 Jan 2017 17:06

Tgt Ion: 65 Resp: 276050
Ion Ratio Lower Upper
65 100
92 65.4 53.9 80.9
138 90.6 76.8 115.2



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 41.61 ng

RT: 9.46 min Scan# 671

Delta R.T. -0.09 min

Lab File: BF092320.D

Acq: 17 Jan 2017 17:06

Instrument :

BNA_F

ClientSampleId :

PB96060BS

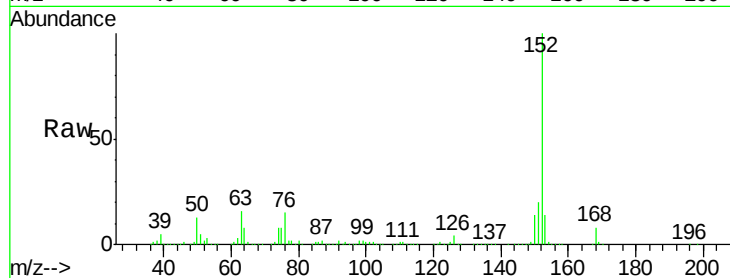
Tgt Ion:152 Resp: 1439564

Ion Ratio Lower Upper

152 100

151 20.2 16.9 25.3

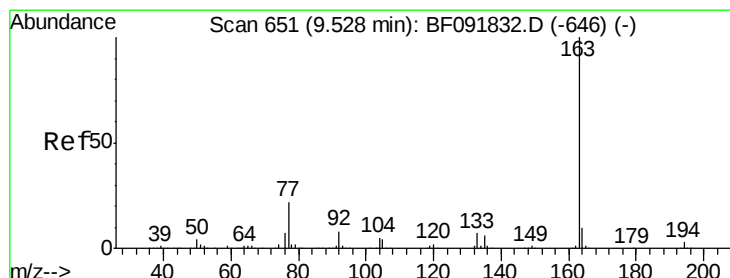
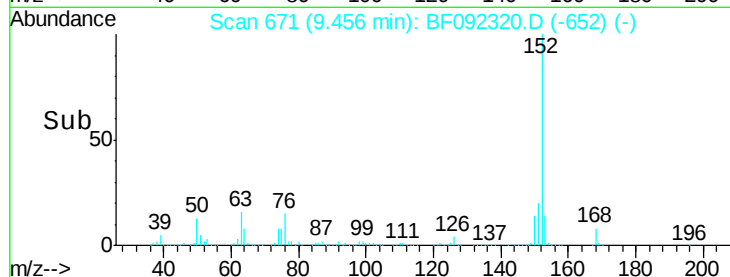
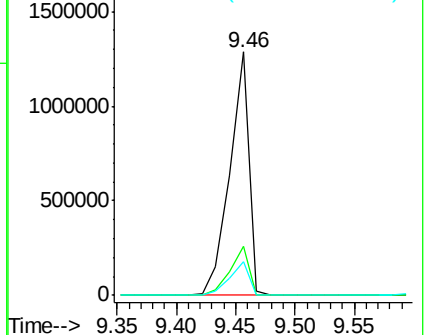
153 13.8 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 41.86 ng

RT: 9.33 min Scan# 660

Delta R.T. -0.09 min

Lab File: BF092320.D

Acq: 17 Jan 2017 17:06

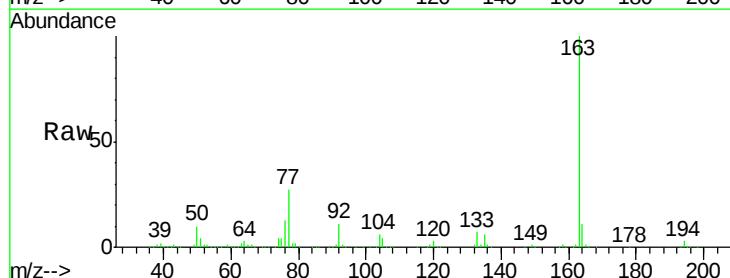
Tgt Ion:163 Resp: 1110770

Ion Ratio Lower Upper

163 100

194 3.2 3.0 4.4

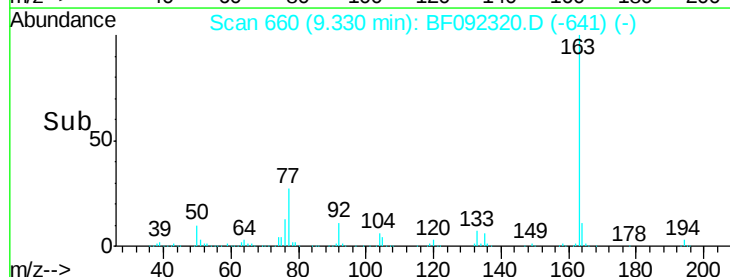
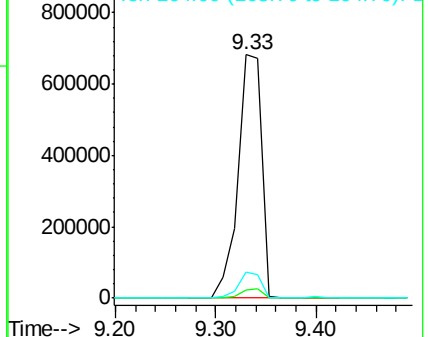
164 10.7 8.0 12.0

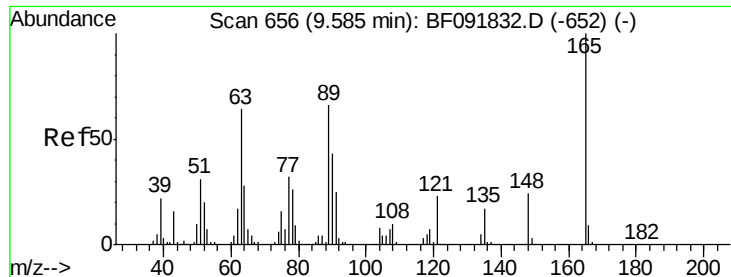


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

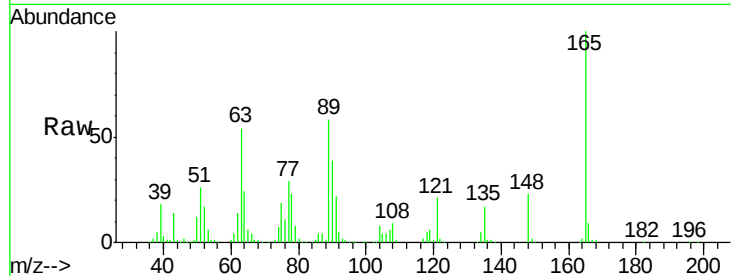




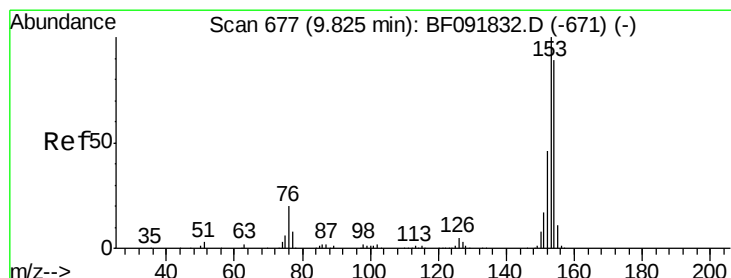
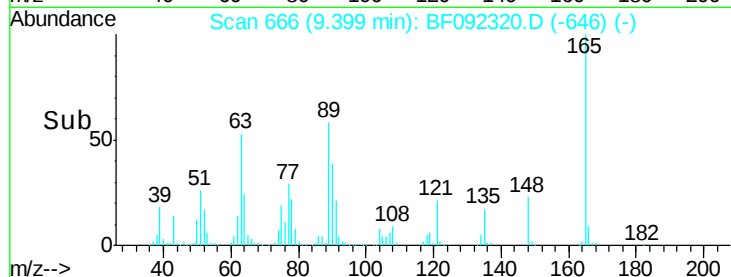
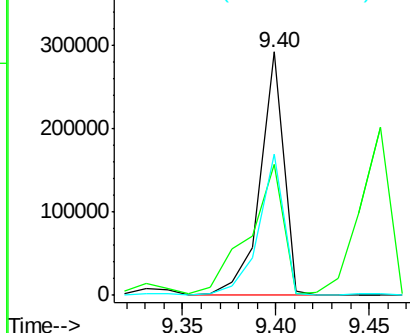
#50
 2,6-Dinitrotoluene
 Concen: 44.06 ng
 RT: 9.40 min Scan# 666
 Delta R.T. -0.08 min
 Lab File: BF092320.D
 Acq: 17 Jan 2017 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB96060BS

Tgt Ion:165 Resp: 255868
 Ion Ratio Lower Upper
 165 100
 63 53.6 36.2 54.4
 89 57.9 40.2 60.4

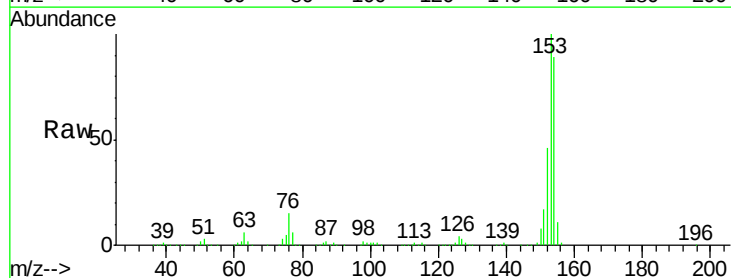


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

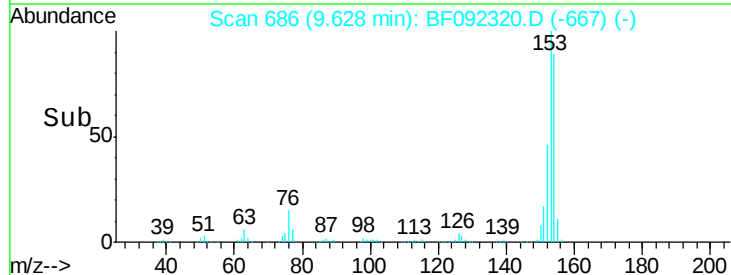
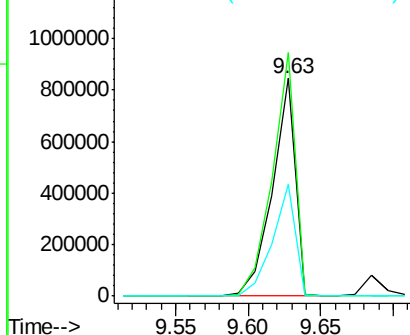


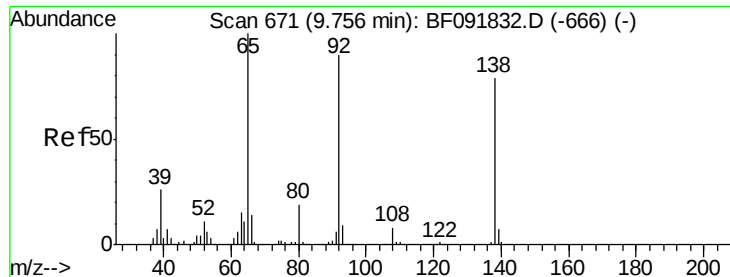
#51
 Acenaphthene
 Concen: 39.45 ng
 RT: 9.63 min Scan# 686
 Delta R.T. -0.09 min
 Lab File: BF092320.D
 Acq: 17 Jan 2017 17:06

Tgt Ion:154 Resp: 925352
 Ion Ratio Lower Upper
 154 100
 153 111.9 88.6 133.0
 152 51.3 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

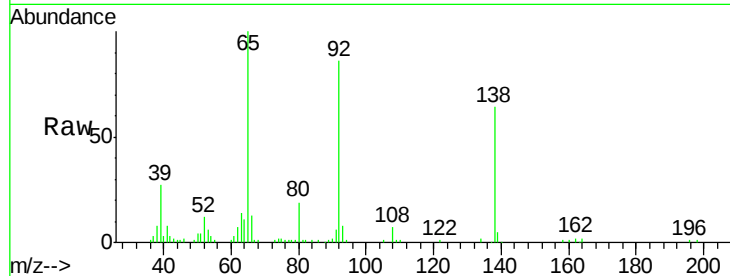




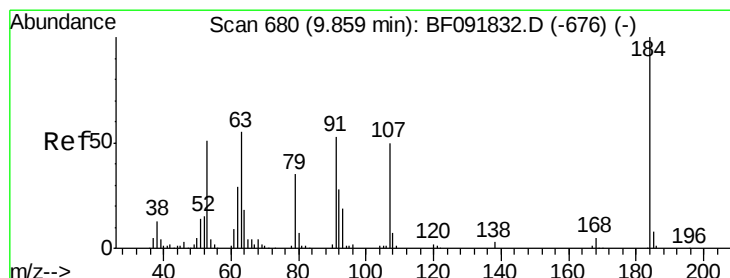
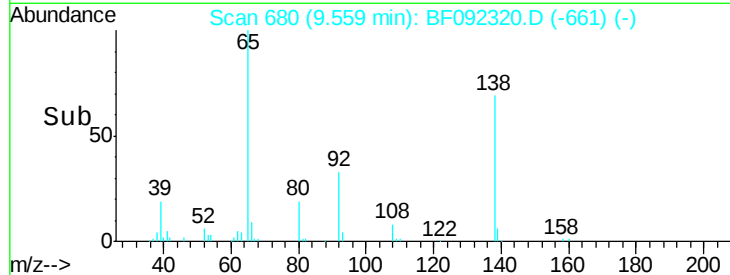
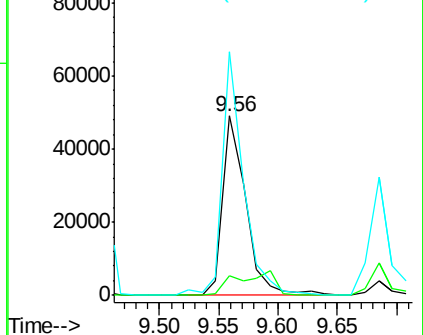
#52
3-Nitroaniline
Concen: 9.29 ng
RT: 9.56 min Scan# 680
Delta R.T. -0.09 min
Lab File: BF092320.D
Acq: 17 Jan 2017 17:06

Instrument :
BNA_F
ClientSampleId :
PB96060BS

Tgt Ion:138 Resp: 66787
Ion Ratio Lower Upper
138 100
108 11.1 8.5 12.7
92 135.8 97.8 146.8

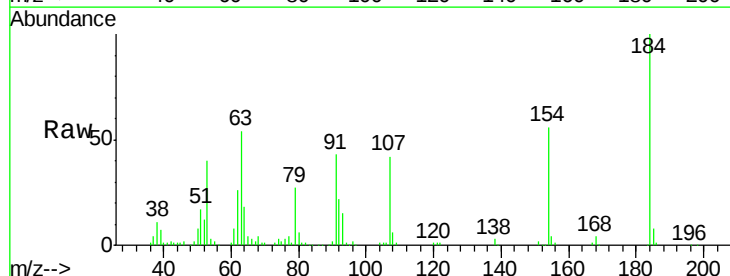


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): E

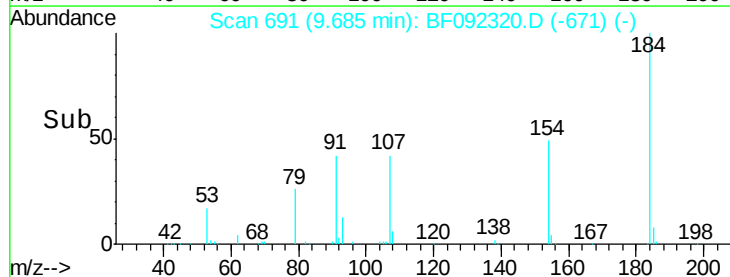
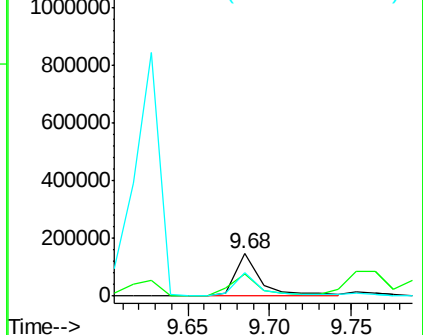


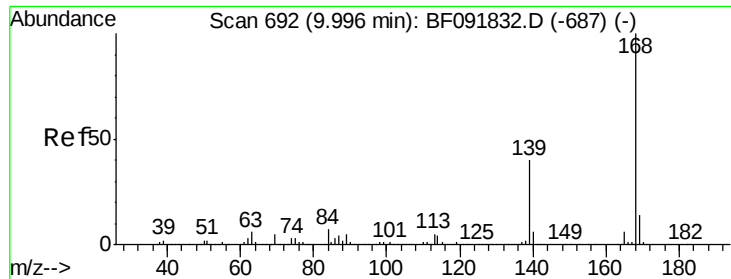
#53
2,4-Dinitrophenol
Concen: 49.75 ng
RT: 9.68 min Scan# 691
Delta R.T. -0.08 min
Lab File: BF092320.D
Acq: 17 Jan 2017 17:06

Tgt Ion:184 Resp: 160769
Ion Ratio Lower Upper
184 100
63 53.8 28.4 42.6#
154 56.4 44.3 66.5



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

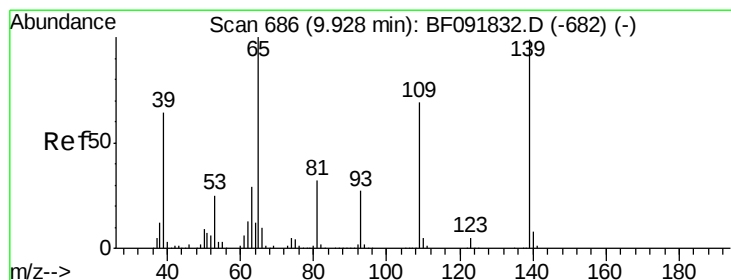
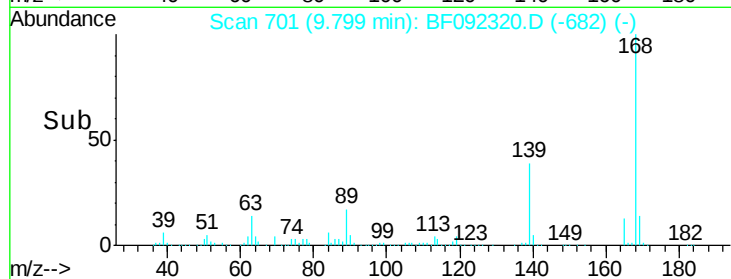
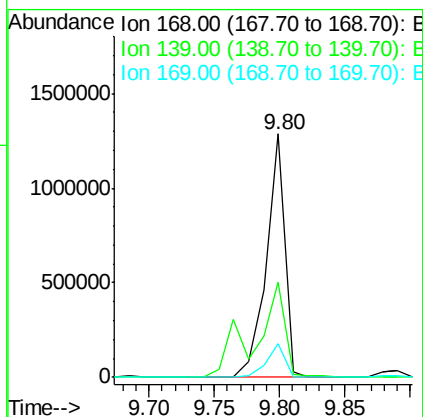
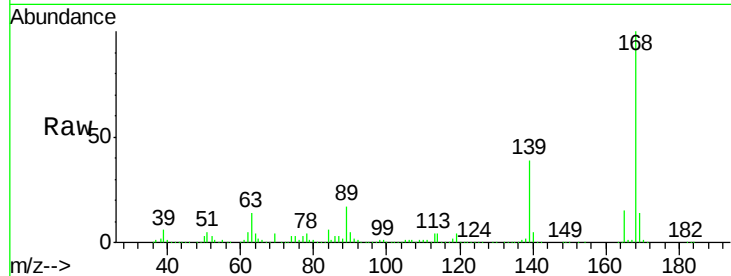




#54
Dibenzofuran
Concen: 40.42 ng
RT: 9.80 min Scan# 701
Delta R.T. -0.09 min
Lab File: BF092320.D
Acq: 17 Jan 2017 17:06

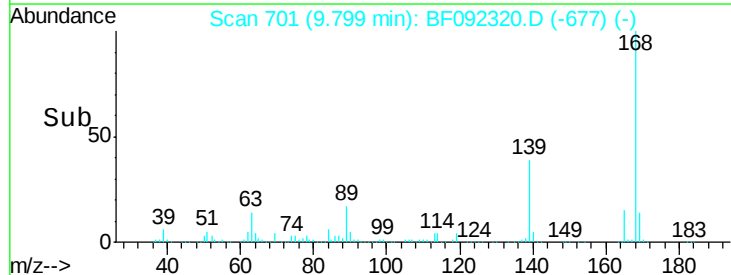
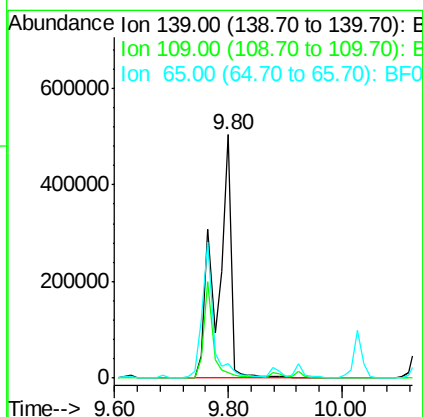
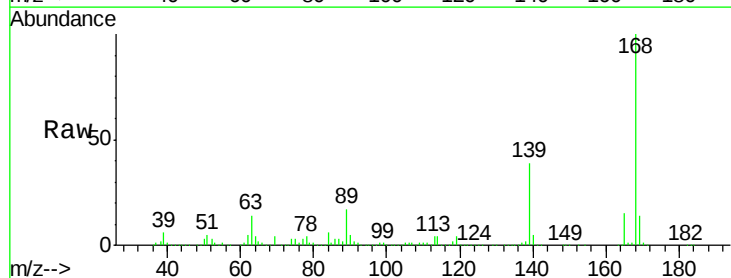
Instrument :
BNA_F
ClientSampleId :
PB96060BS

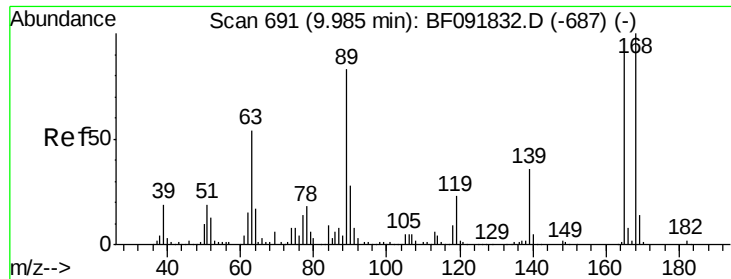
Tgt Ion:168 Resp: 1280460
Ion Ratio Lower Upper
168 100
139 39.2 32.6 49.0
169 13.7 11.3 16.9



#55
4-Nitrophenol
Concen: 173.36 ng
RT: 9.80 min Scan# 701
Delta R.T. -0.03 min
Lab File: BF092320.D
Acq: 17 Jan 2017 17:06

Tgt Ion:139 Resp: 846012
Ion Ratio Lower Upper
139 100
109 2.5 52.2 92.2#
65 5.9 85.8 125.8#





#56

2,4-Dinitrotoluene

Concen: 40.35 ng

RT: 9.81 min Scan# 702

Delta R.T. -0.08 min

Lab File: BF092320.D

Acq: 17 Jan 2017 17:06

Instrument :

BNA_F

ClientSampleId :

PB96060BS

Tgt Ion:165 Resp: 294161

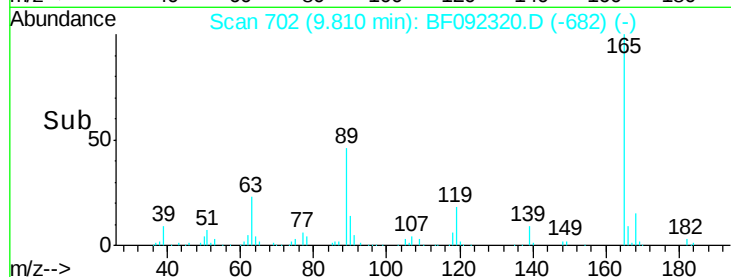
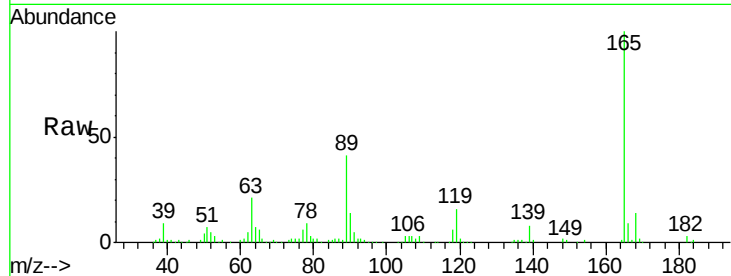
Ion Ratio Lower Upper

165 100

63 21.0 40.2 60.4#

89 41.1 62.5 93.7#

182 2.5 1.8 2.8

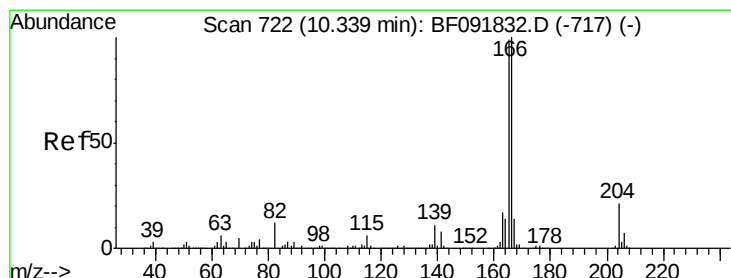
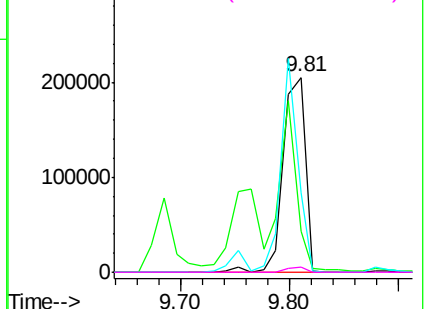


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 43.83 ng

RT: 10.14 min Scan# 731

Delta R.T. -0.09 min

Lab File: BF092320.D

Acq: 17 Jan 2017 17:06

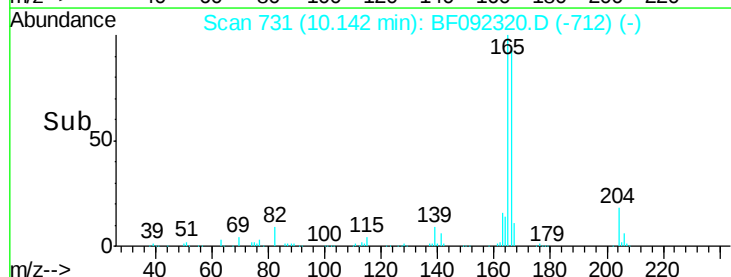
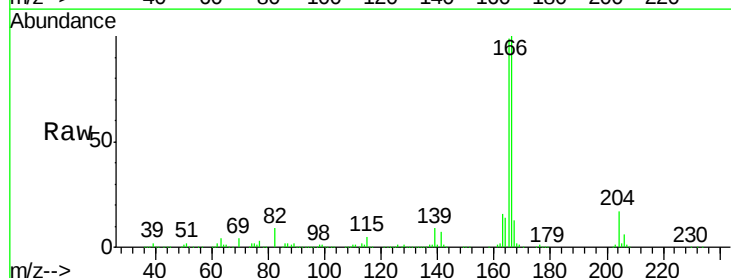
Tgt Ion:166 Resp: 1009965

Ion Ratio Lower Upper

166 100

165 98.8 77.8 116.8

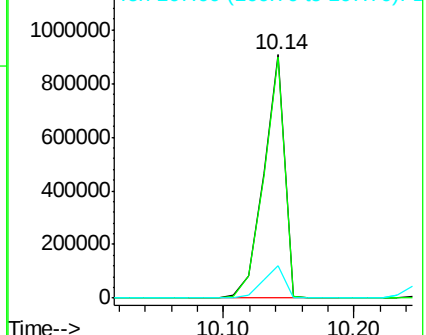
167 13.3 10.8 16.2

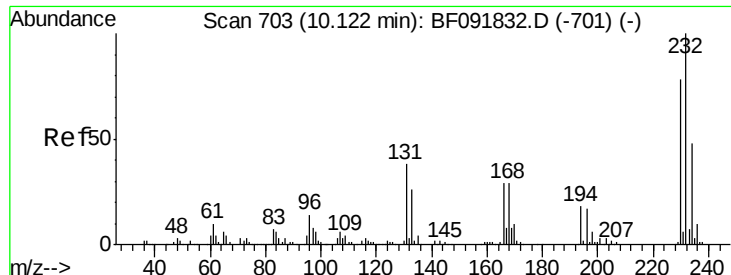


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

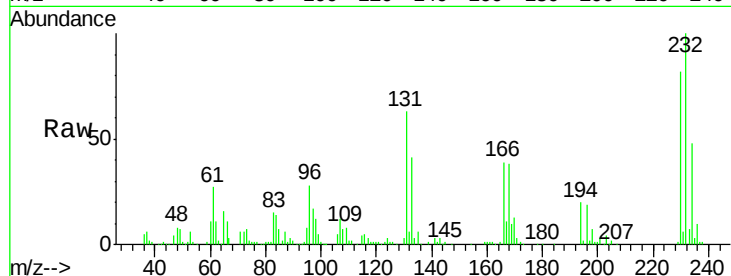




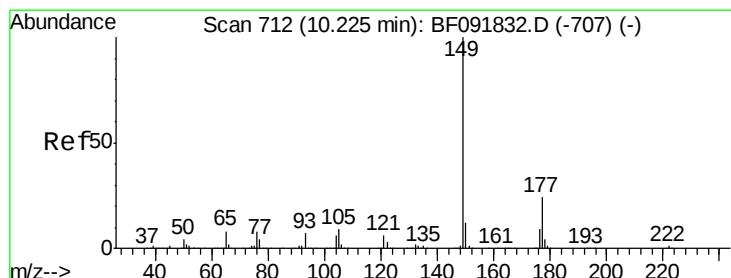
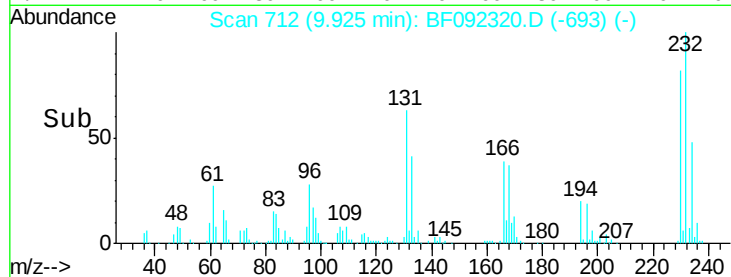
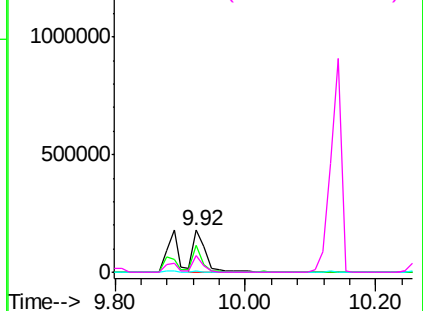
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.05 ng
 RT: 9.92 min Scan# 712
 Delta R.T. -0.09 min
 Lab File: BF092320.D
 Acq: 17 Jan 2017 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB96060BS

Tgt Ion: 232 Resp: 232966
 Ion Ratio Lower Upper
 232 100
 131 50.3 40.1 60.1
 130 2.3 1.8 2.8
 166 32.1 26.6 39.8

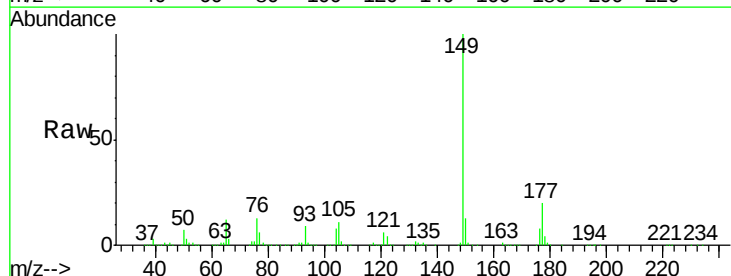


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

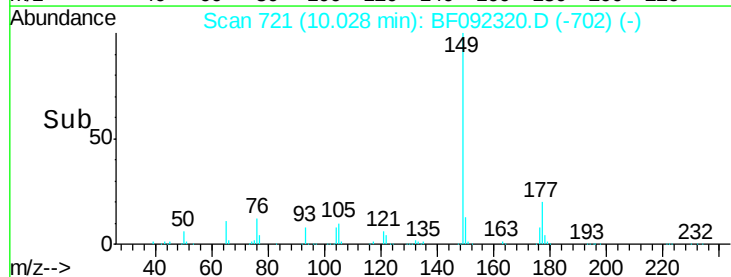
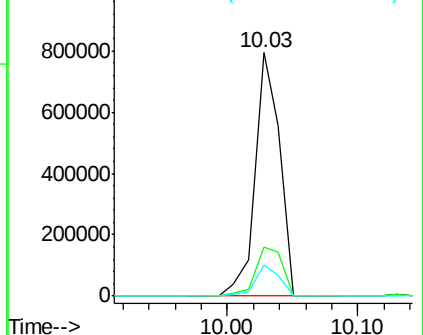


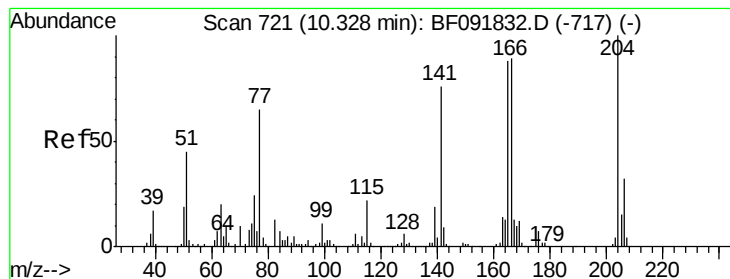
#59
 Diethylphthalate
 Concen: 40.29 ng
 RT: 10.03 min Scan# 721
 Delta R.T. -0.09 min
 Lab File: BF092320.D
 Acq: 17 Jan 2017 17:06

Tgt Ion: 149 Resp: 1038170
 Ion Ratio Lower Upper
 149 100
 177 20.3 16.6 25.0
 150 12.7 10.4 15.6



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





#60

4-Chlorophenyl-phenylether

Concen: 38.78 ng

RT: 10.13 min Scan# 730

Delta R.T. -0.09 min

Lab File: BF092320.D

Acq: 17 Jan 2017 17:06

Instrument :

BNA_F

ClientSampleId :

PB96060BS

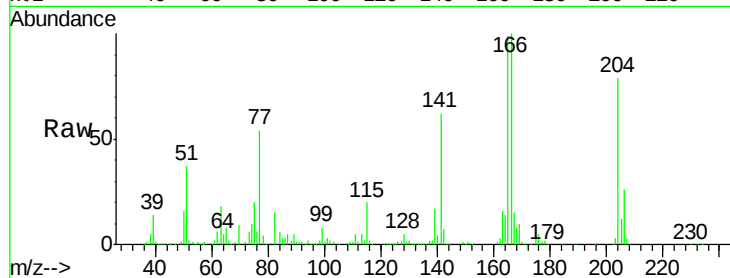
Tgt Ion:204 Resp: 391284

Ion Ratio Lower Upper

204 100

206 32.7 25.8 38.6

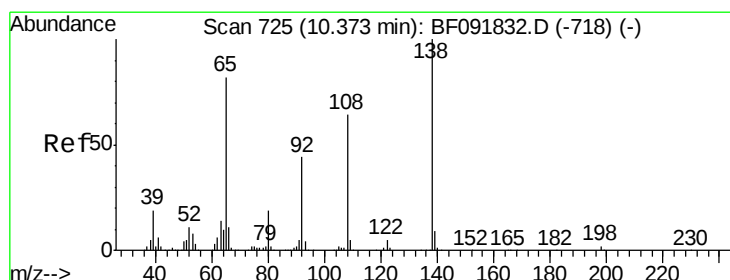
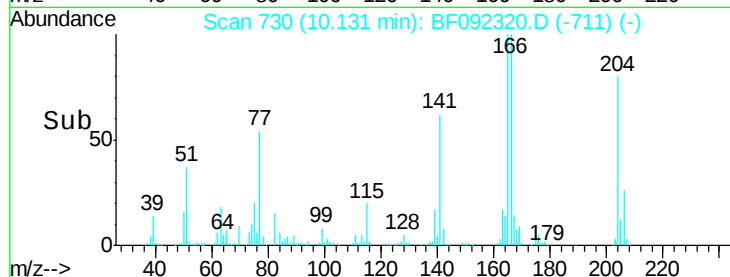
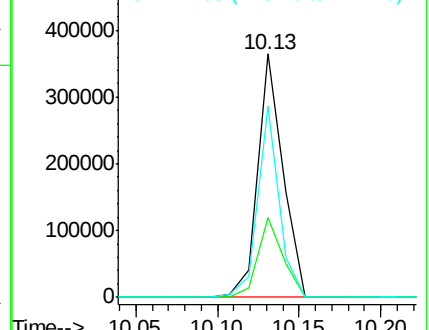
141 78.4 59.4 89.0



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#61

4-Nitroaniline

Concen: 31.61 ng

RT: 10.18 min Scan# 734

Delta R.T. -0.09 min

Lab File: BF092320.D

Acq: 17 Jan 2017 17:06

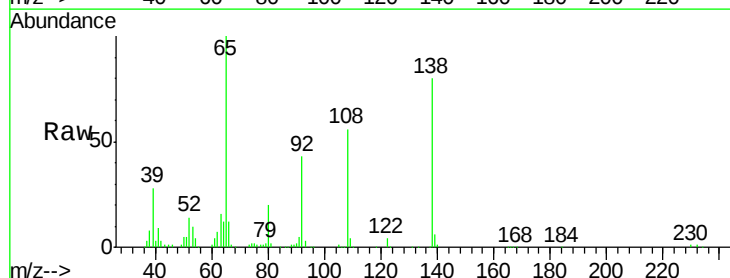
Tgt Ion:138 Resp: 235427

Ion Ratio Lower Upper

138 100

92 54.2 31.7 71.7

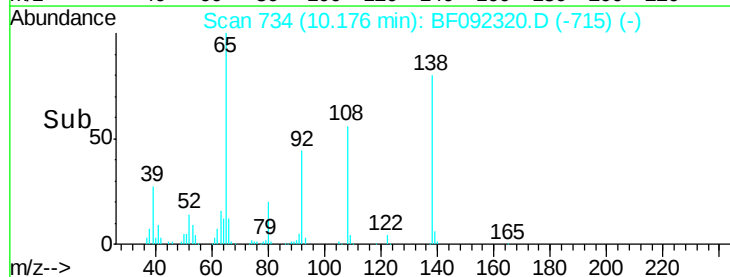
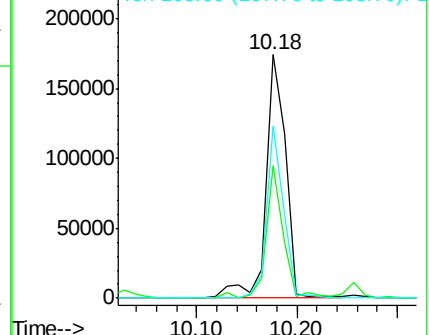
108 70.5 52.6 92.6

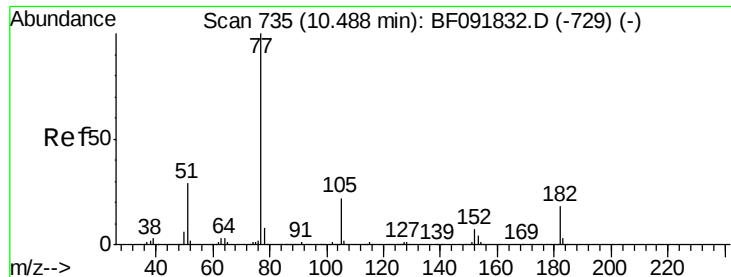


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 41.38 ng

RT: 10.29 min Scan# 744

Delta R.T. -0.09 min

Lab File: BF092320.D

Acq: 17 Jan 2017 17:06

Instrument :

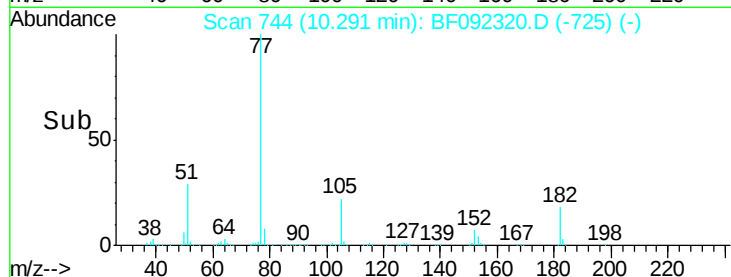
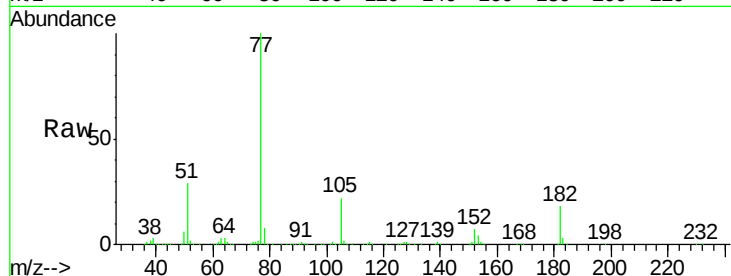
BNA_F

ClientSampleId :

PB96060BS

Tgt Ion: 77 Resp: 1174167

Ion	Ratio	Lower	Upper
77	100		
182	17.8	0.0	39.3
105	22.5	2.3	42.3
51	29.0	8.9	48.9

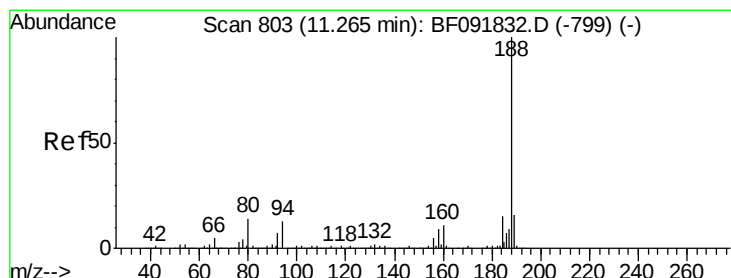
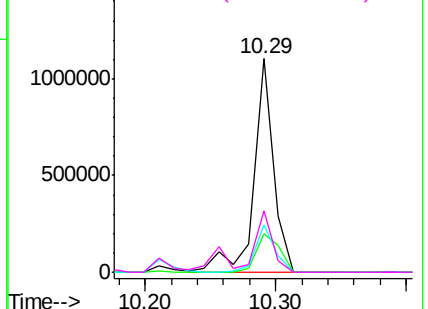


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.07 min Scan# 812

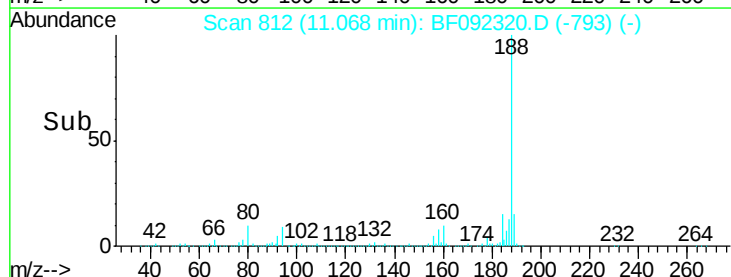
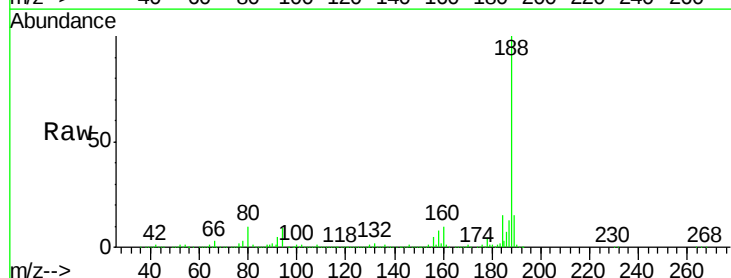
Delta R.T. -0.09 min

Lab File: BF092320.D

Acq: 17 Jan 2017 17:06

Tgt Ion: 188 Resp: 633538

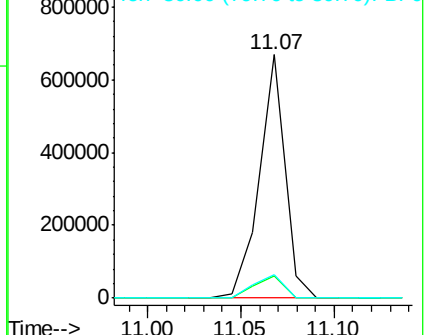
Ion	Ratio	Lower	Upper
188	100		
94	8.9	10.0	15.0#
80	9.7	11.2	16.8#

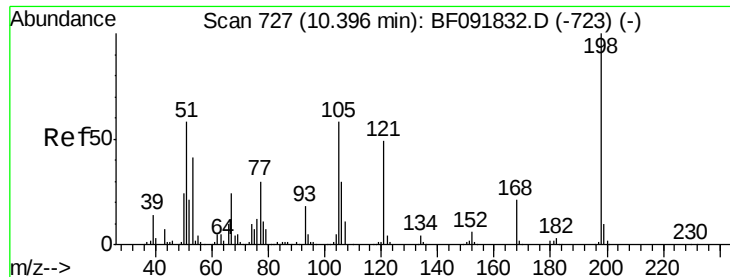


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

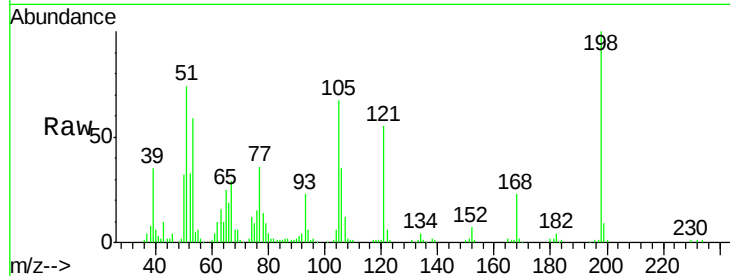




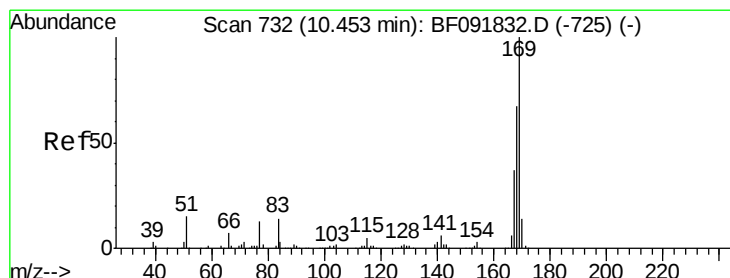
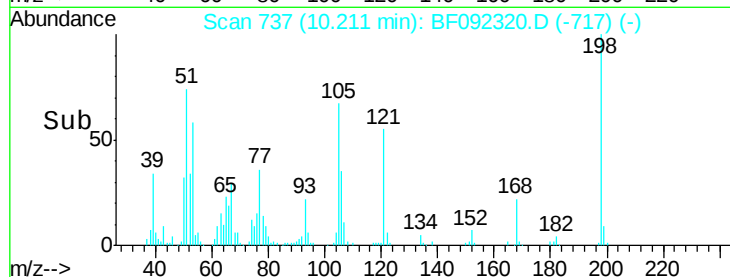
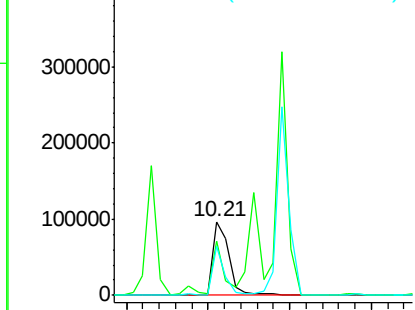
#64
 4,6-Dinitro-2-methylphenol
 Concen: 35.40 ng
 RT: 10.21 min Scan# 737
 Delta R.T. -0.08 min
 Lab File: BF092320.D
 Acq: 17 Jan 2017 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB96060BS

Tgt Ion:198 Resp: 135617
 Ion Ratio Lower Upper
 198 100
 51 74.3 6.7 46.7#
 105 66.6 16.6 56.6#

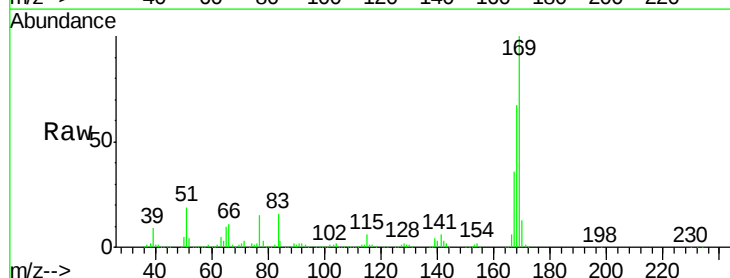


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

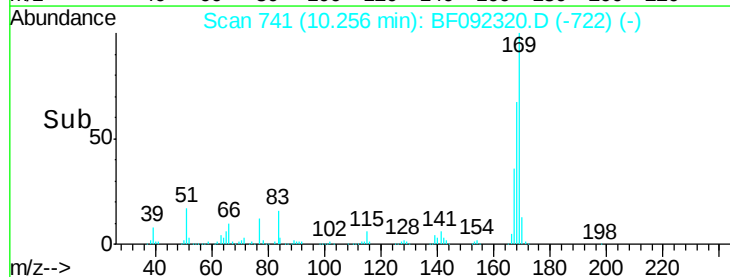
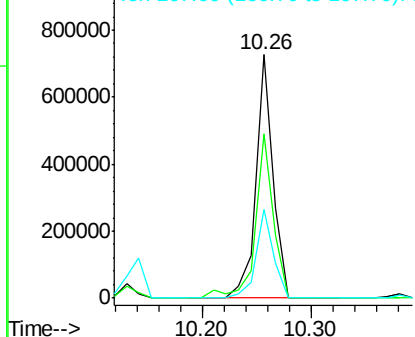


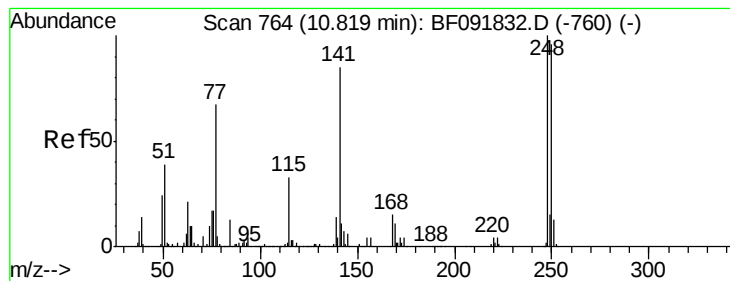
#65
 n-Nitrosodiphenylamine
 Concen: 42.41 ng
 RT: 10.26 min Scan# 741
 Delta R.T. -0.09 min
 Lab File: BF092320.D
 Acq: 17 Jan 2017 17:06

Tgt Ion:169 Resp: 797367
 Ion Ratio Lower Upper
 169 100
 168 67.3 54.2 81.2
 167 36.3 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: 45.81 ng

RT: 10.62 min Scan# 773

Delta R.T. -0.09 min

Lab File: BF092320.D

Acq: 17 Jan 2017 17:06

Instrument :

BNA_F

ClientSampleId :

PB96060BS

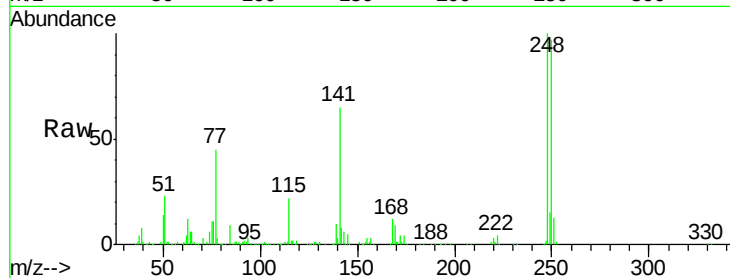
Tgt Ion:248 Resp: 301886

Ion Ratio Lower Upper

248 100

250 97.1 76.9 115.3

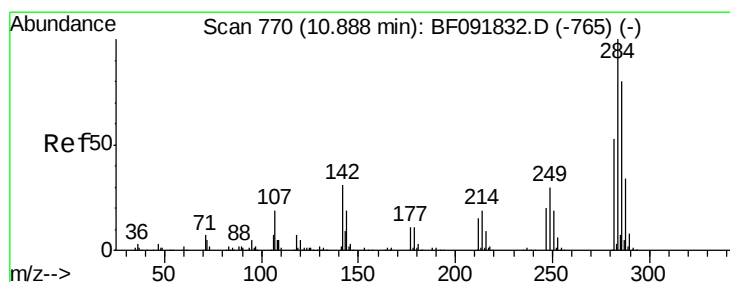
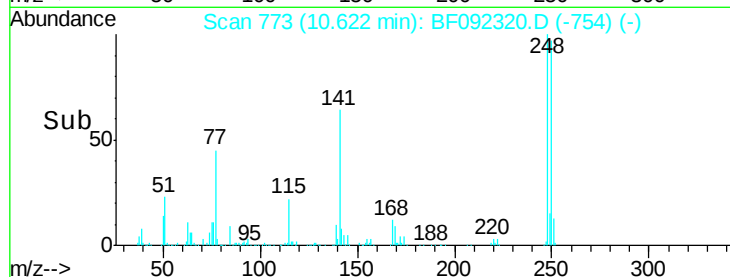
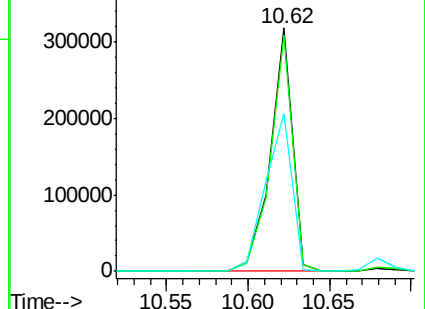
141 64.9 68.2 102.4#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#67

Hexachlorobenzene

Concen: 42.41 ng

RT: 10.69 min Scan# 779

Delta R.T. -0.08 min

Lab File: BF092320.D

Acq: 17 Jan 2017 17:06

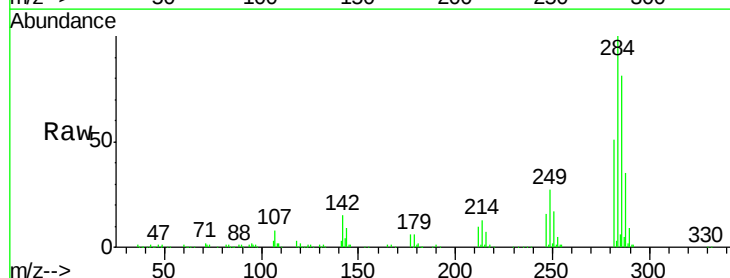
Tgt Ion:284 Resp: 298773

Ion Ratio Lower Upper

284 100

142 14.7 22.6 33.8#

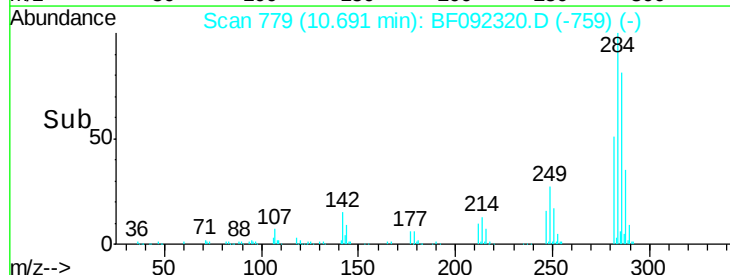
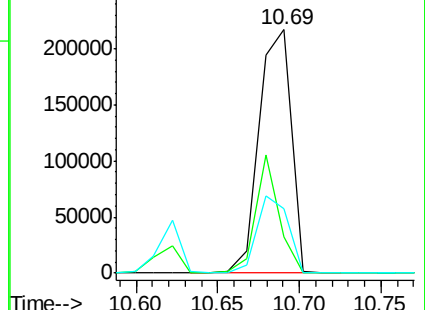
249 26.5 25.4 38.0

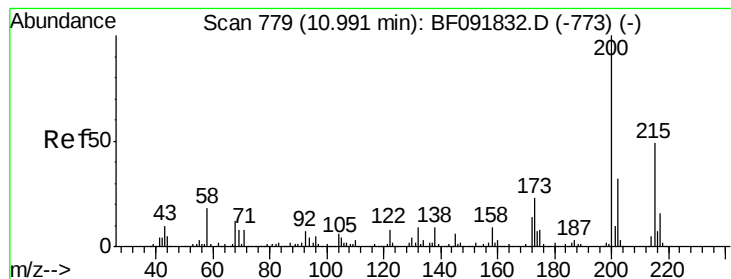


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#68

Atrazine

Concen: 41.24 ng

RT: 10.79 min Scan# 788

Delta R.T. -0.09 min

Lab File: BF092320.D

Acq: 17 Jan 2017 17:06

Instrument :

BNA_F

ClientSampleId :

PB96060BS

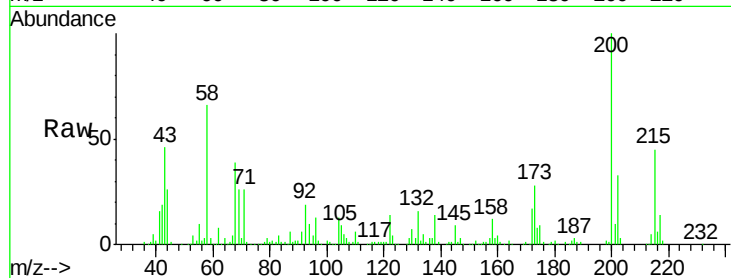
Tgt Ion:200 Resp: 250087

Ion Ratio Lower Upper

200 100

173 28.4 9.6 49.6

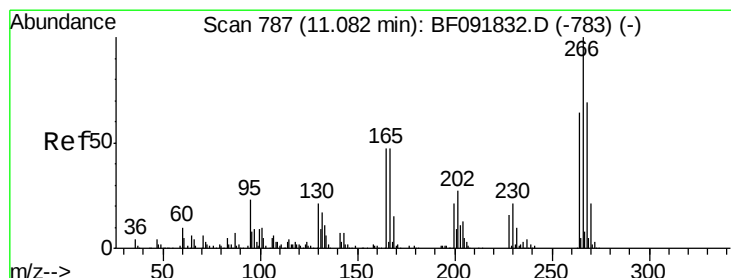
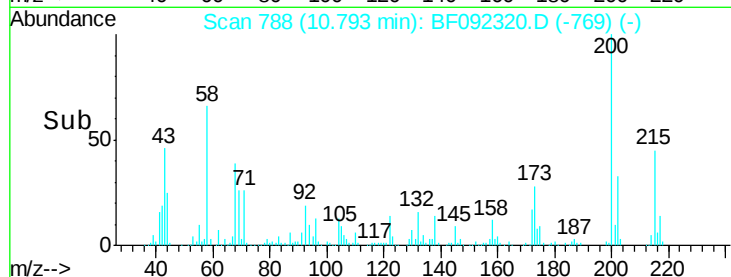
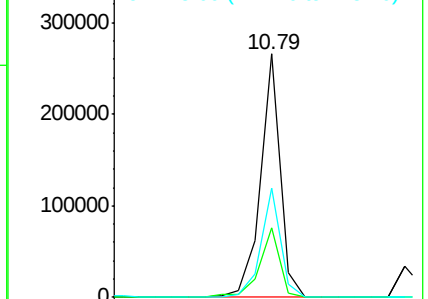
215 44.7 25.7 65.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 63.37 ng

RT: 10.88 min Scan# 796

Delta R.T. -0.09 min

Lab File: BF092320.D

Acq: 17 Jan 2017 17:06

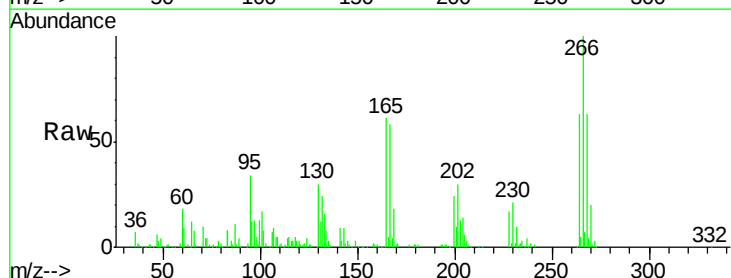
Tgt Ion:266 Resp: 219033

Ion Ratio Lower Upper

266 100

268 63.3 53.3 79.9

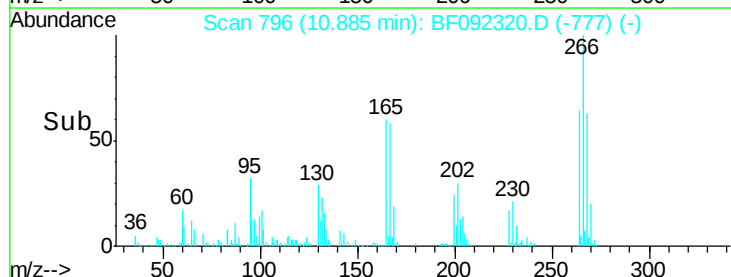
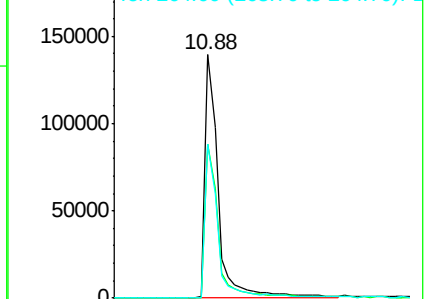
264 63.4 50.3 75.5

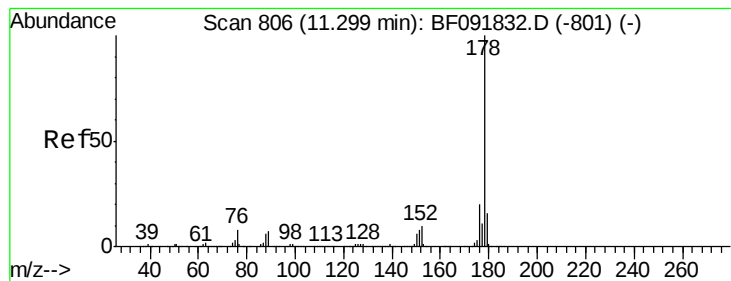


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 39.58 ng

RT: 11.09 min Scan# 814

Delta R.T. -0.09 min

Lab File: BF092320.D

Acq: 17 Jan 2017 17:06

Instrument :

BNA_F

ClientSampleId :

PB96060BS

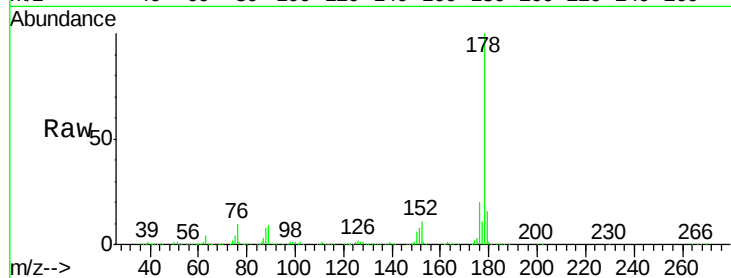
Tgt Ion:178 Resp: 1359601

Ion Ratio Lower Upper

178 100

176 20.0 16.6 25.0

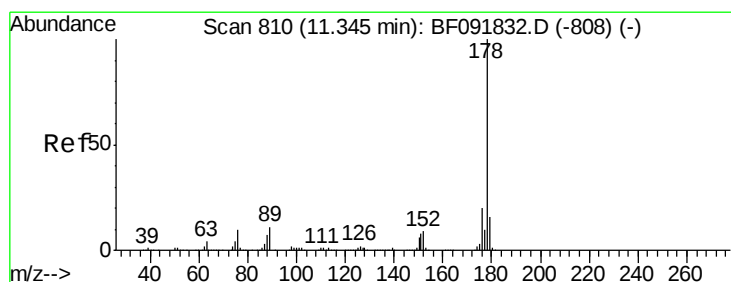
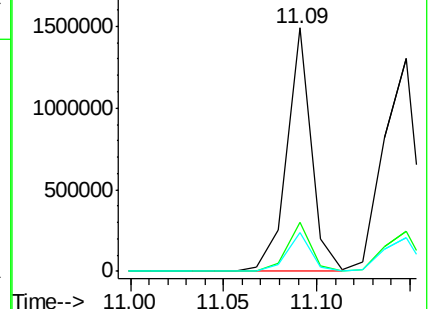
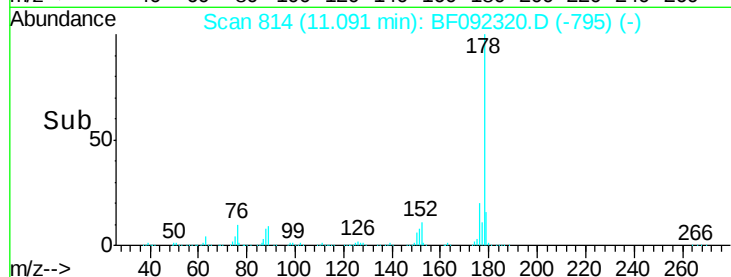
179 16.1 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 52.60 ng

RT: 11.15 min Scan# 819

Delta R.T. -0.09 min

Lab File: BF092320.D

Acq: 17 Jan 2017 17:06

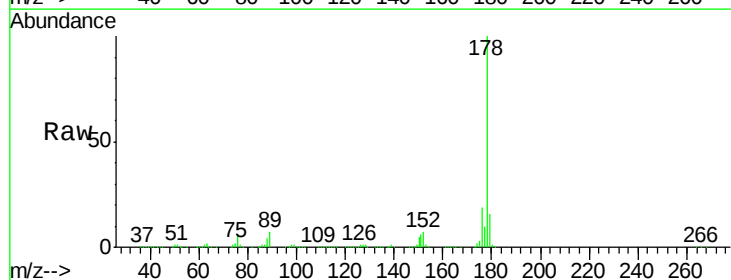
Tgt Ion:178 Resp: 1509844

Ion Ratio Lower Upper

178 100

176 19.0 15.9 23.9

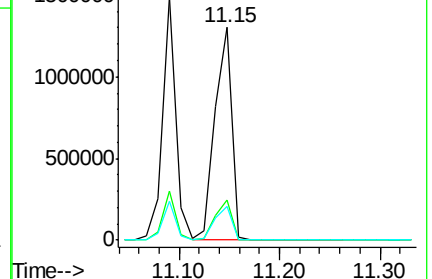
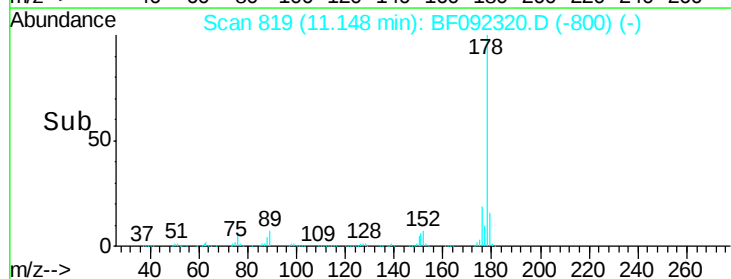
179 15.6 13.2 19.8

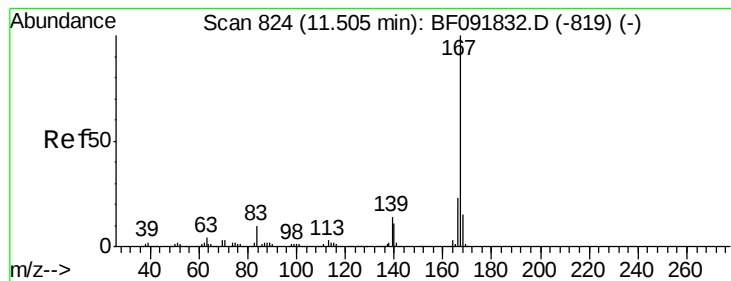


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 51.18 ng

RT: 11.31 min Scan# 833

Delta R.T. -0.09 min

Lab File: BF092320.D

Acq: 17 Jan 2017 17:06

Instrument :

BNA_F

ClientSampleId :

PB96060BS

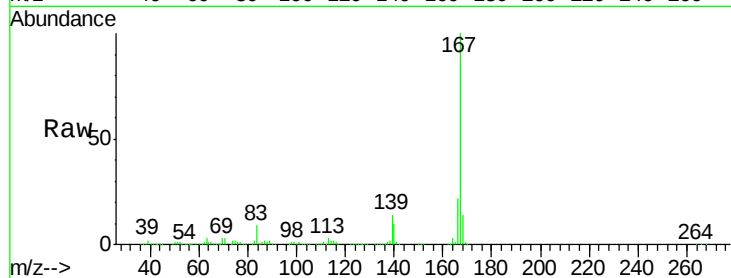
Tgt Ion:167 Resp: 1359165

Ion Ratio Lower Upper

167 100

166 22.2 18.2 27.2

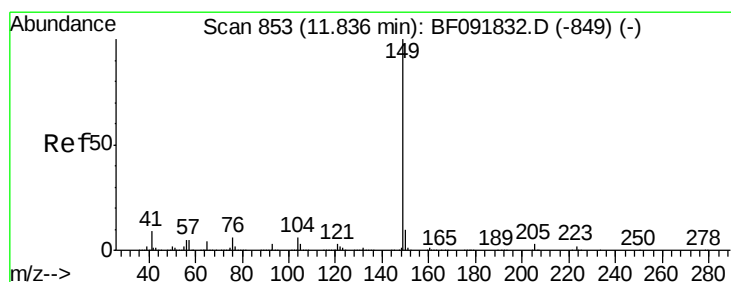
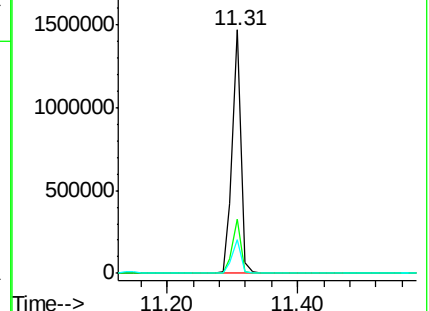
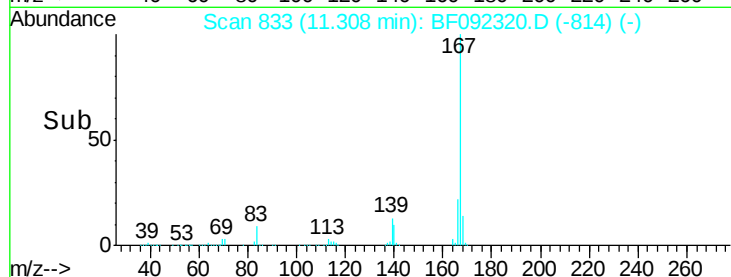
139 13.7 11.4 17.2



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: 51.40 ng

RT: 11.65 min Scan# 863

Delta R.T. -0.08 min

Lab File: BF092320.D

Acq: 17 Jan 2017 17:06

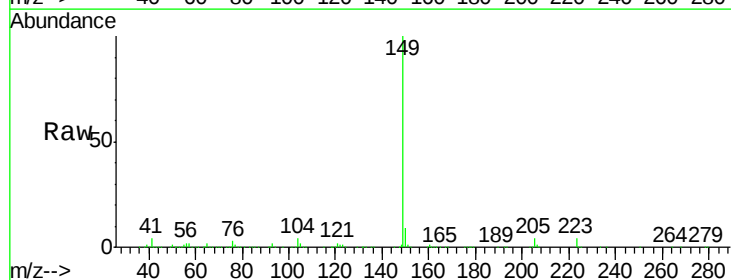
Tgt Ion:149 Resp: 1654265

Ion Ratio Lower Upper

149 100

150 9.1 8.1 12.1

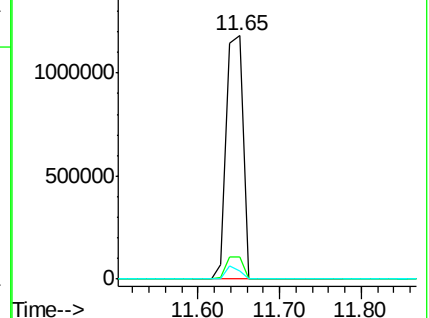
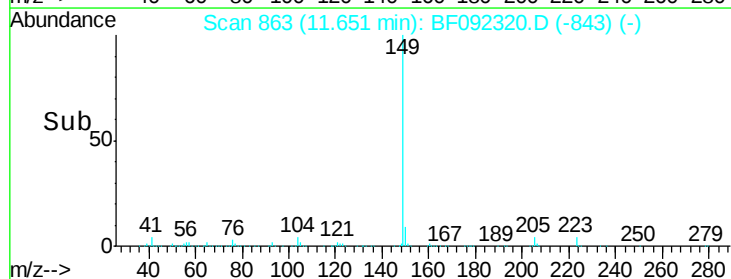
104 3.5 4.6 7.0#

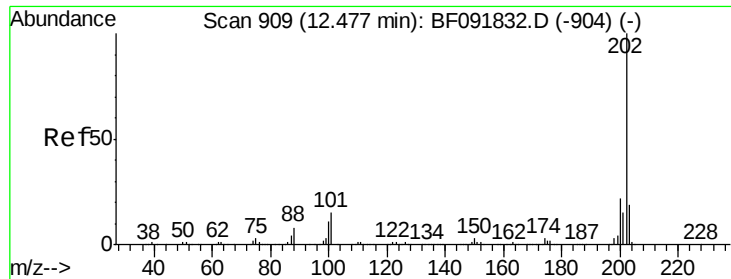


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 45.86 ng

RT: 12.27 min Scan# 917

Delta R.T. -0.10 min

Lab File: BF092320.D

Acq: 17 Jan 2017 17:06

Instrument :

BNA_F

ClientSampleId :

PB96060BS

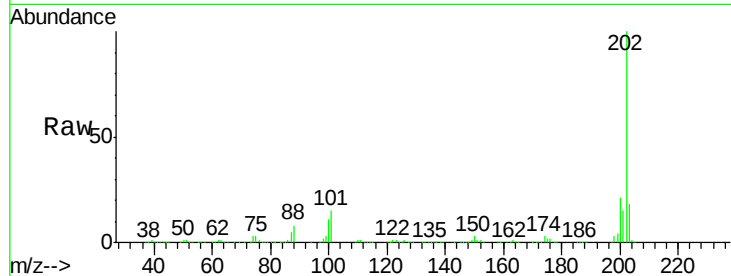
Tgt Ion:202 Resp: 1379937

Ion Ratio Lower Upper

202 100

101 15.4 0.0 34.6

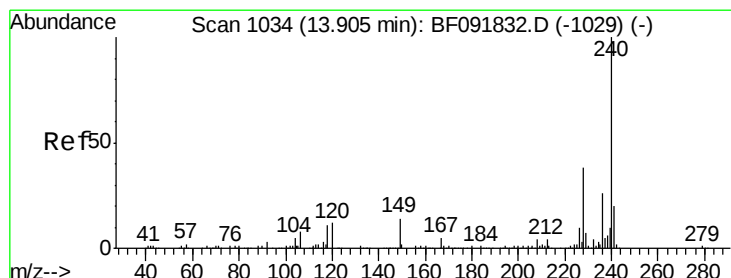
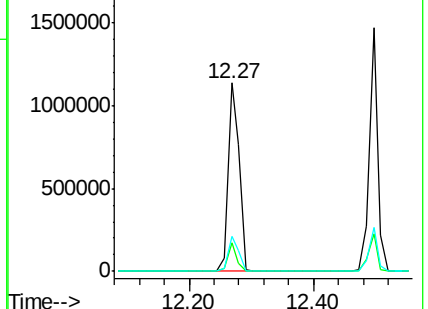
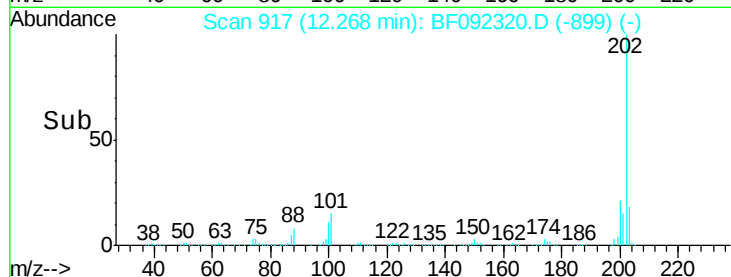
203 18.4 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.70 min Scan# 1042

Delta R.T. -0.09 min

Lab File: BF092320.D

Acq: 17 Jan 2017 17:06

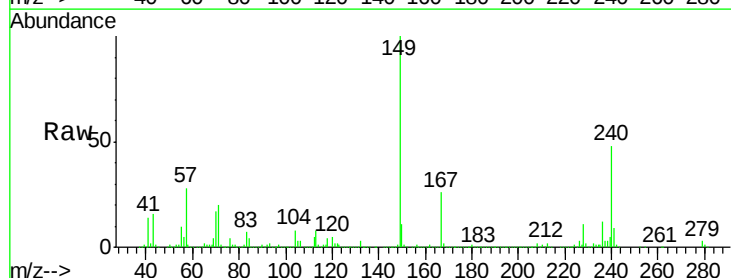
Tgt Ion:240 Resp: 435343

Ion Ratio Lower Upper

240 100

120 9.7 12.9 19.3#

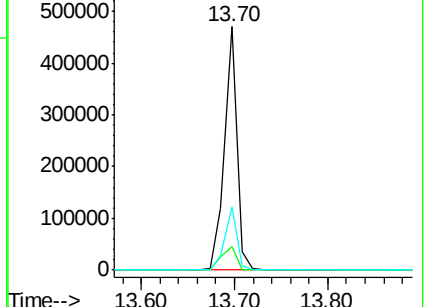
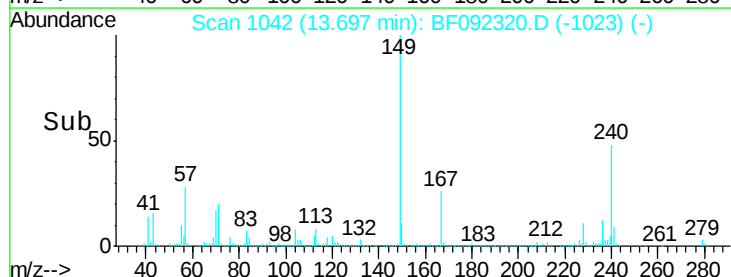
236 25.7 20.9 31.3

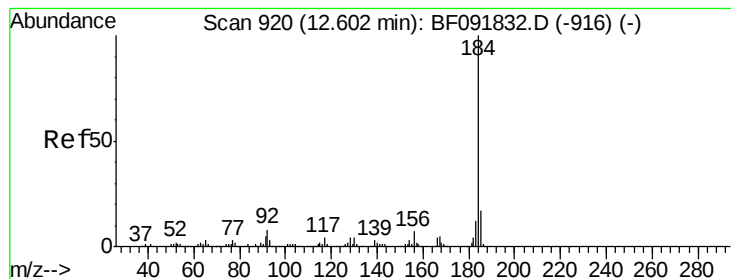


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 38.53 ng

RT: 12.41 min Scan# 929

Delta R.T. -0.09 min

Lab File: BF092320.D

Acq: 17 Jan 2017 17:06

Instrument :

BNA_F

ClientSampleId :

PB96060BS

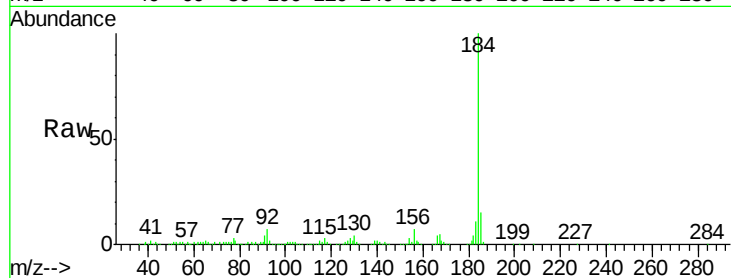
Tgt Ion:184 Resp: 441795

Ion Ratio Lower Upper

184 100

185 14.7 13.4 20.0

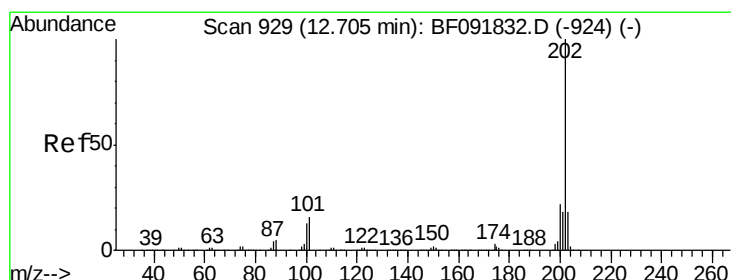
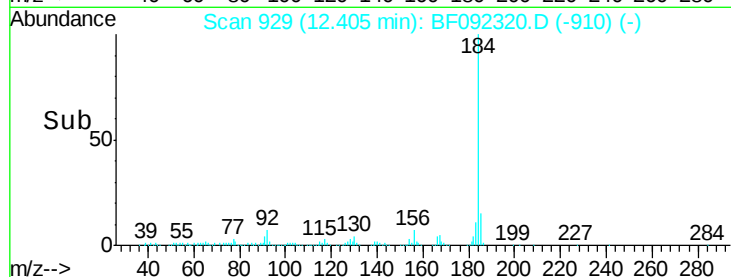
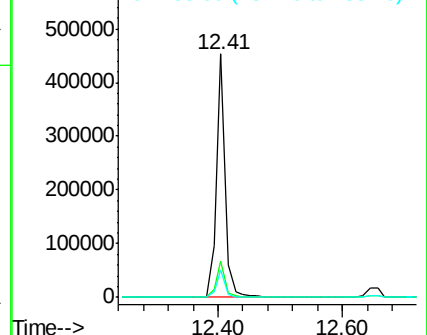
183 11.2 9.2 13.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 42.60 ng

RT: 12.50 min Scan# 937

Delta R.T. -0.09 min

Lab File: BF092320.D

Acq: 17 Jan 2017 17:06

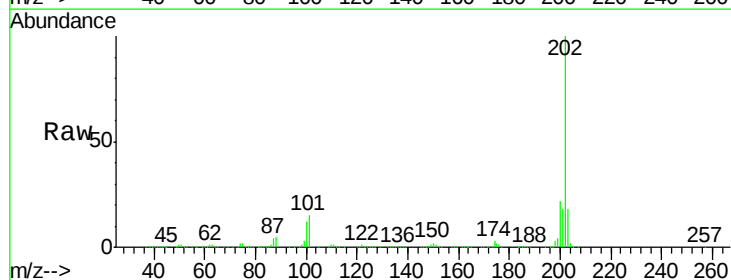
Tgt Ion:202 Resp: 1360581

Ion Ratio Lower Upper

202 100

200 21.7 17.7 26.5

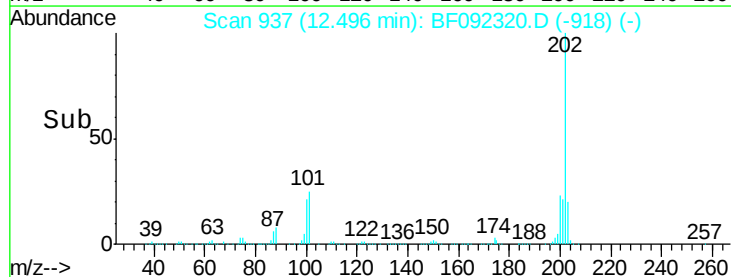
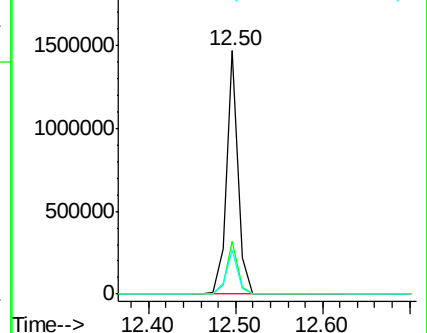
203 18.2 14.7 22.1

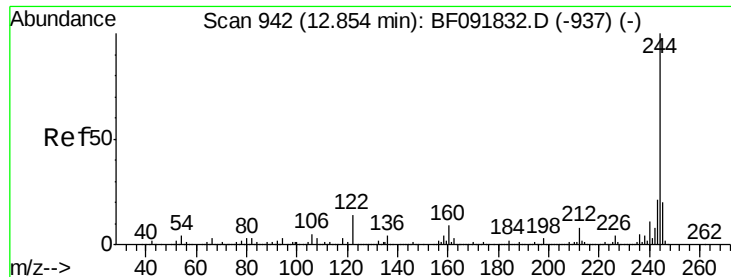


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 104.79 ng

RT: 12.66 min Scan# 951

Delta R.T. -0.09 min

Lab File: BF092320.D

Acq: 17 Jan 2017 17:06

Instrument :

BNA_F

ClientSampleId :

PB96060BS

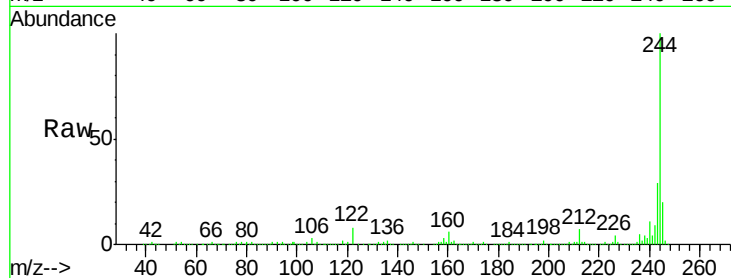
Tgt Ion:244 Resp: 1880995

Ion Ratio Lower Upper

244 100

212 6.9 6.2 9.2

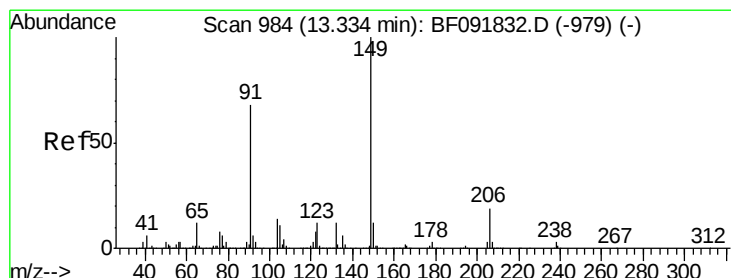
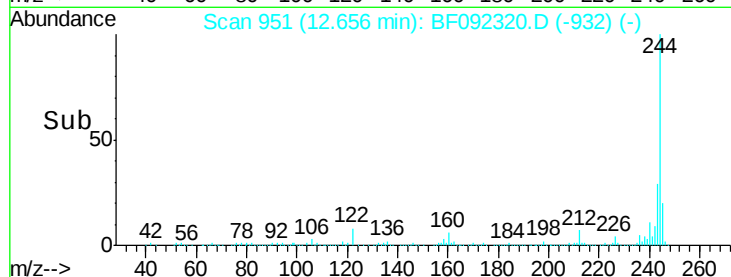
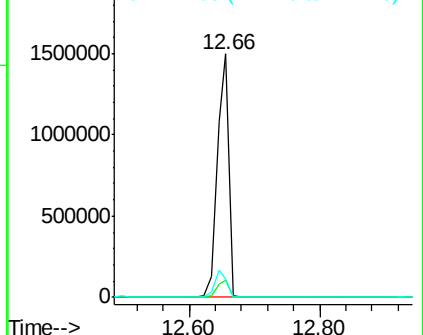
122 7.7 11.4 17.2#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 46.61 ng

RT: 13.13 min Scan# 992

Delta R.T. -0.10 min

Lab File: BF092320.D

Acq: 17 Jan 2017 17:06

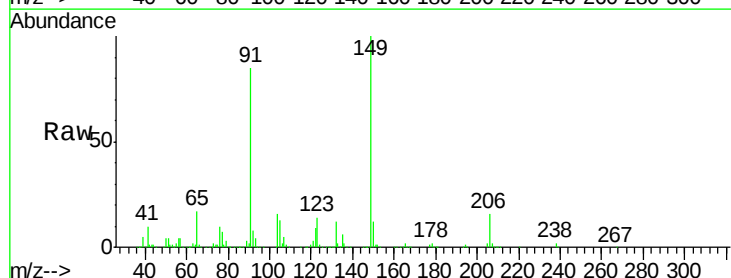
Tgt Ion:149 Resp: 677042

Ion Ratio Lower Upper

149 100

91 85.3 63.9 95.9

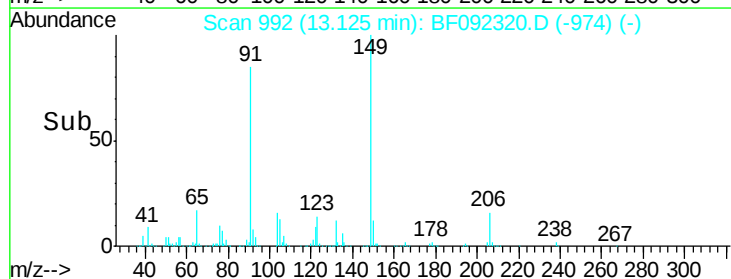
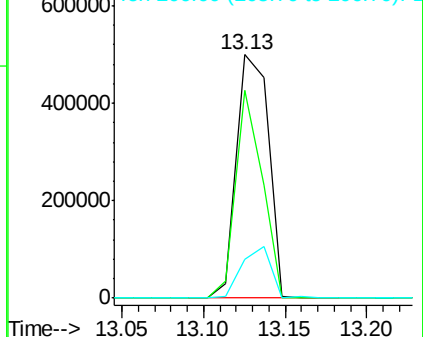
206 16.0 14.6 21.8

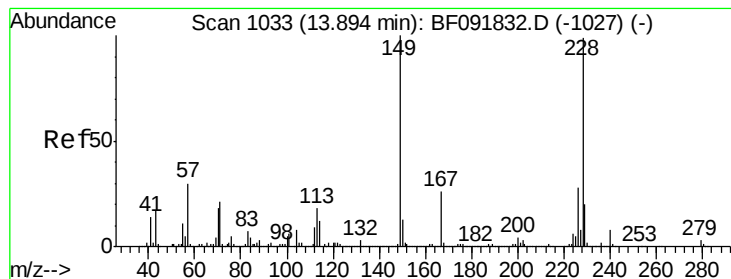


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 46.02 ng

RT: 13.69 min Scan# 1041

Delta R.T. -0.09 min

Lab File: BF092320.D

Acq: 17 Jan 2017 17:06

Instrument :

BNA_F

ClientSampleId :

PB96060BS

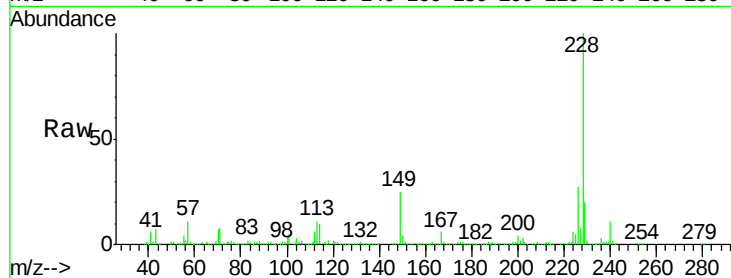
Tgt Ion:228 Resp: 1130965

Ion Ratio Lower Upper

228 100

226 27.3 22.4 33.6

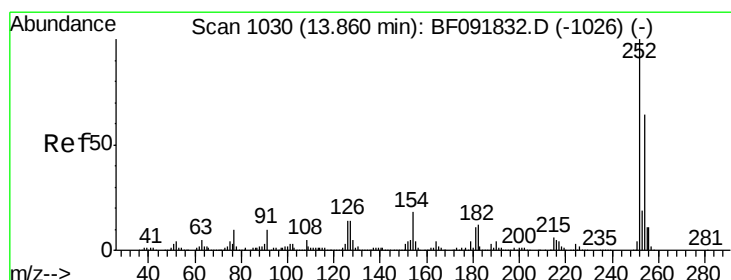
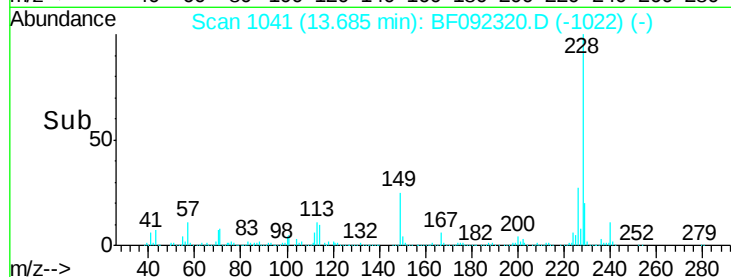
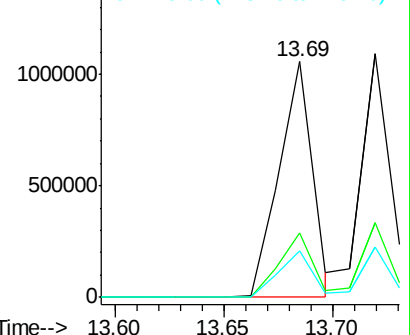
229 19.7 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 14.96 ng

RT: 13.65 min Scan# 1038

Delta R.T. -0.10 min

Lab File: BF092320.D

Acq: 17 Jan 2017 17:06

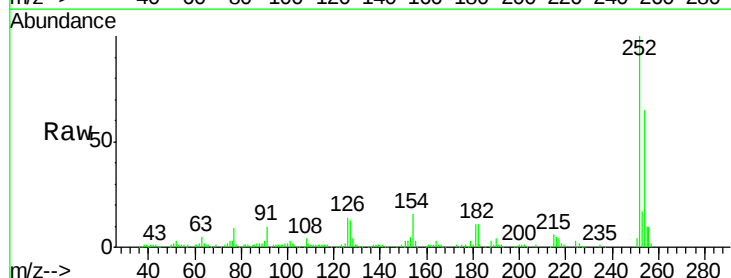
Tgt Ion:252 Resp: 139425

Ion Ratio Lower Upper

252 100

254 65.3 52.3 78.5

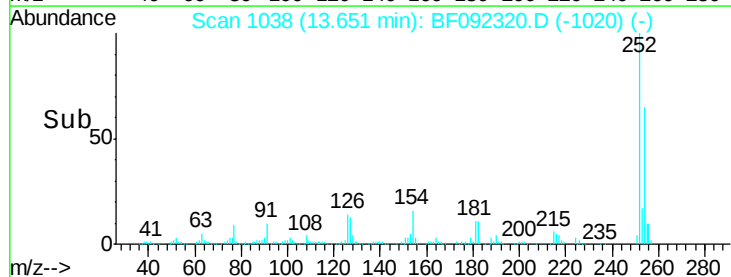
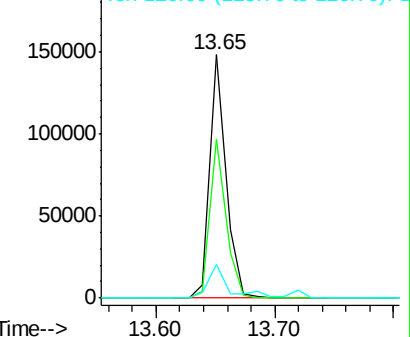
126 13.7 13.6 20.4

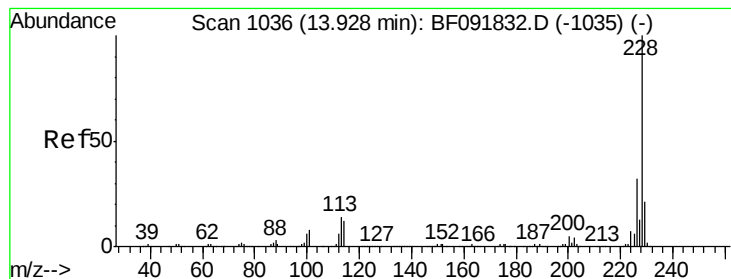


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 37.65 ng

RT: 13.72 min Scan# 1044

Delta R.T. -0.09 min

Lab File: BF092320.D

Acq: 17 Jan 2017 17:06

Instrument :

BNA_F

ClientSampleId :

PB96060BS

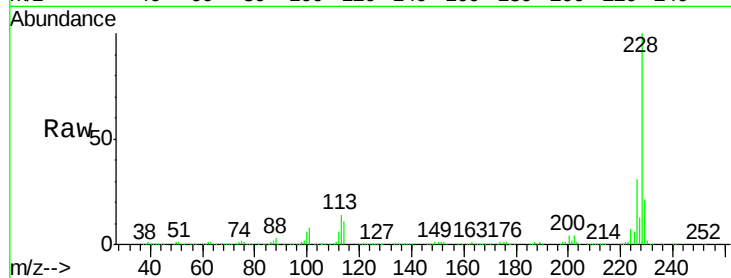
Tgt Ion:228 Resp: 928179

Ion Ratio Lower Upper

228 100

226 30.7 25.4 38.0

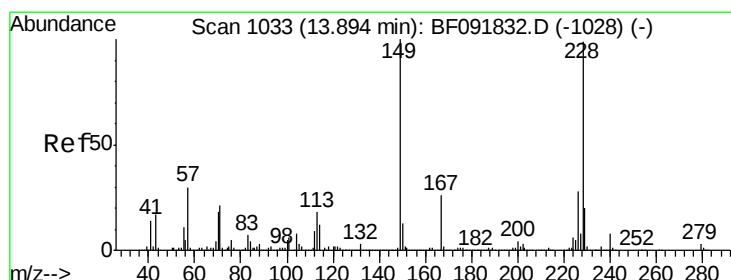
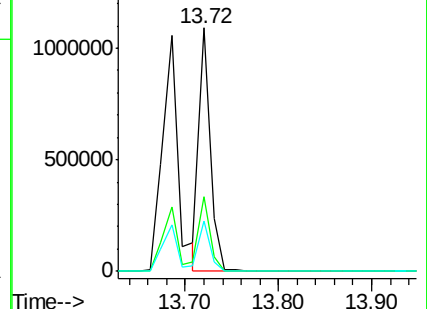
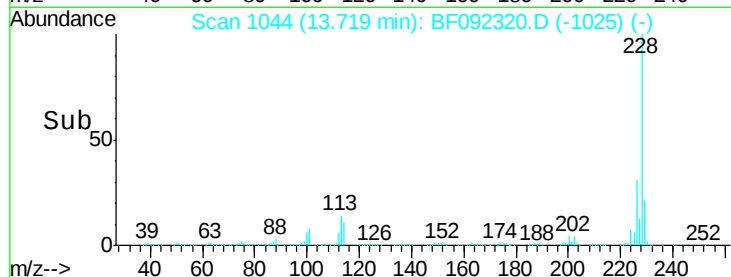
229 20.7 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 53.33 ng

RT: 13.70 min Scan# 1042

Delta R.T. -0.09 min

Lab File: BF092320.D

Acq: 17 Jan 2017 17:06

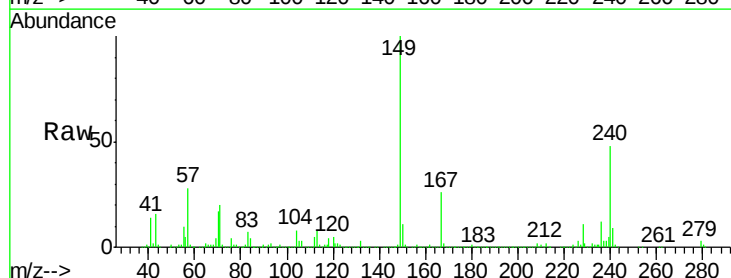
Tgt Ion:149 Resp: 912383

Ion Ratio Lower Upper

149 100

167 26.3 20.2 30.4

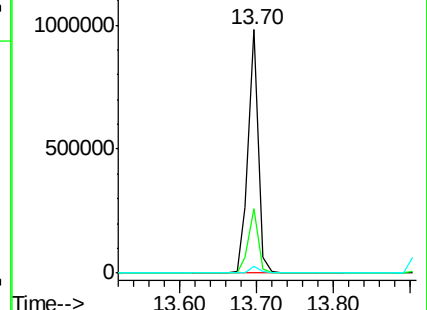
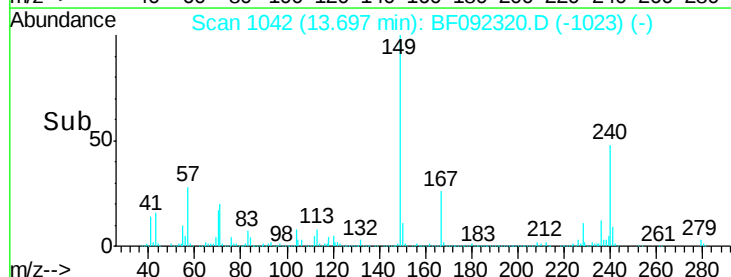
279 2.9 1.8 2.8#

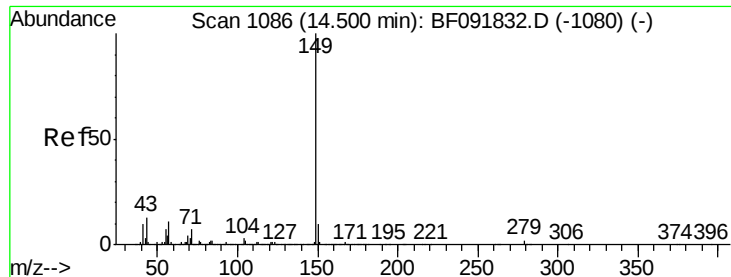


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

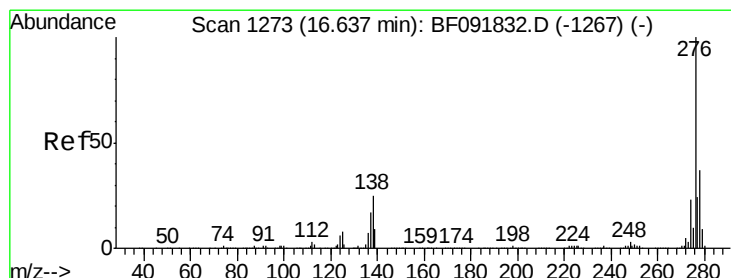
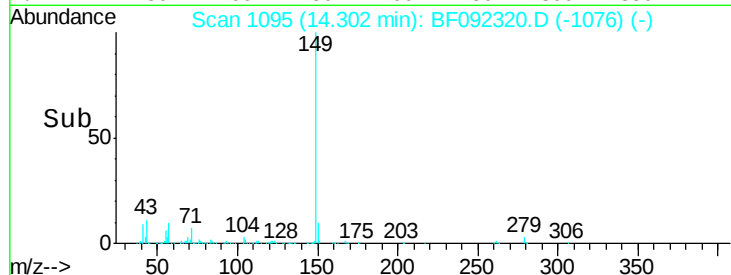
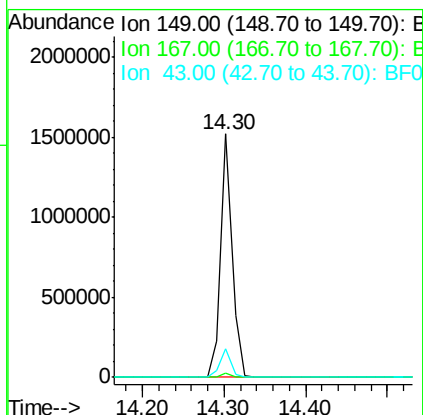
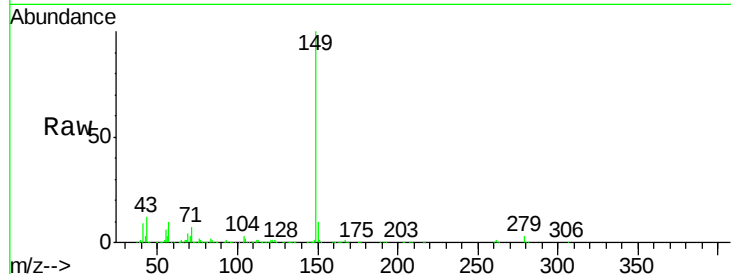




#84
Di-n-octyl phthalate
Concen: 46.81 ng
RT: 14.30 min Scan# 1095
Delta R.T. -0.09 min
Lab File: BF092320.D
Acq: 17 Jan 2017 17:06

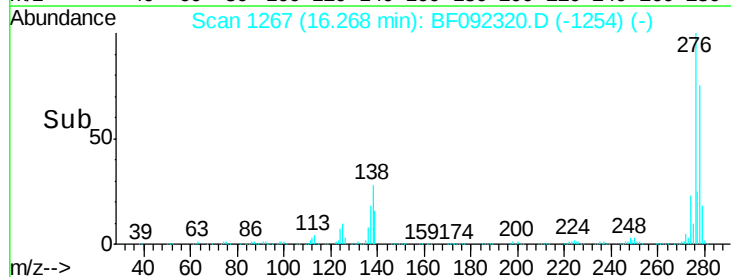
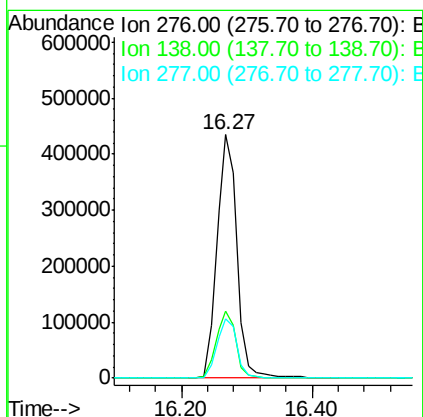
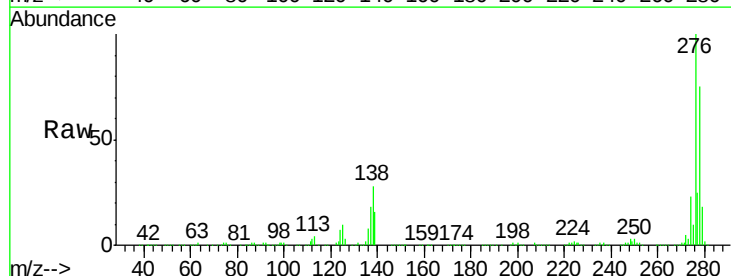
Instrument :
BNA_F
ClientSampleId :
PB96060BS

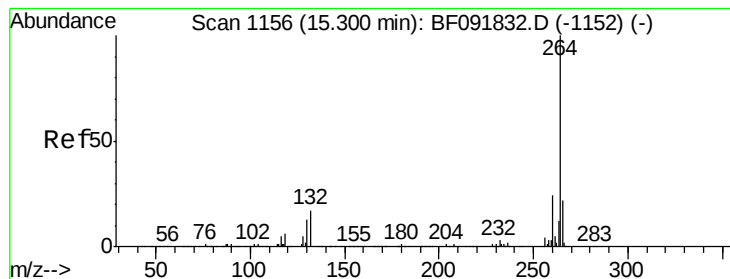
Tgt Ion:149 Resp: 1483374
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.2 8.9 13.3



#85
Indeno(1,2,3-cd)pyrene
Concen: 43.69 ng
RT: 16.27 min Scan# 1267
Delta R.T. -0.16 min
Lab File: BF092320.D
Acq: 17 Jan 2017 17:06

Tgt Ion:276 Resp: 932923
Ion Ratio Lower Upper
276 100
138 27.4 21.8 32.6
277 24.7 20.2 30.4





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.05 min Scan# 1160

Delta R.T. -0.10 min

Lab File: BF092320.D

Acq: 17 Jan 2017 17:06

Instrument :

BNA_F

ClientSampleId :

PB96060BS

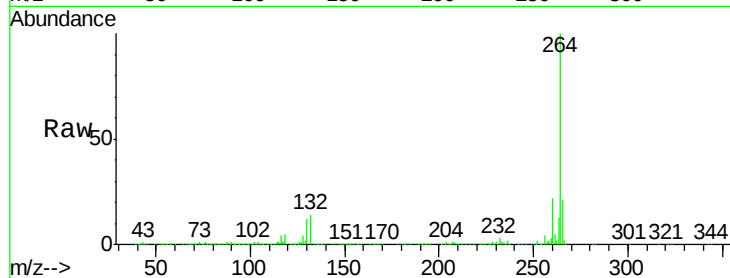
Tgt Ion:264 Resp: 382575

Ion Ratio Lower Upper

264 100

260 22.5 19.2 28.8

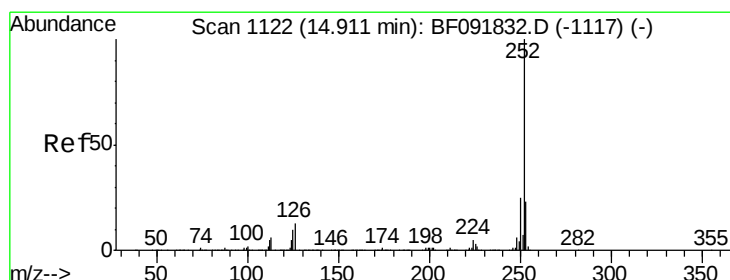
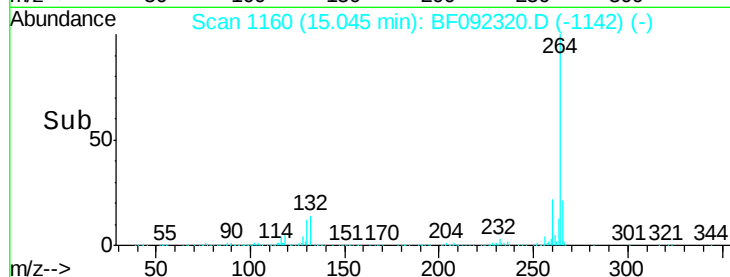
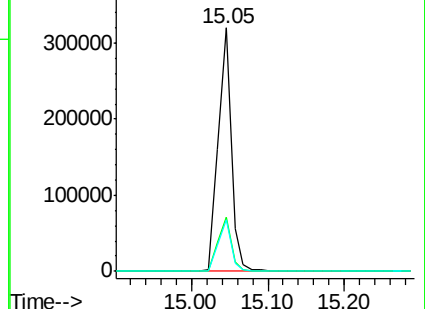
265 21.2 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 81.26 ng

RT: 14.71 min Scan# 1131

Delta R.T. -0.07 min

Lab File: BF092320.D

Acq: 17 Jan 2017 17:06

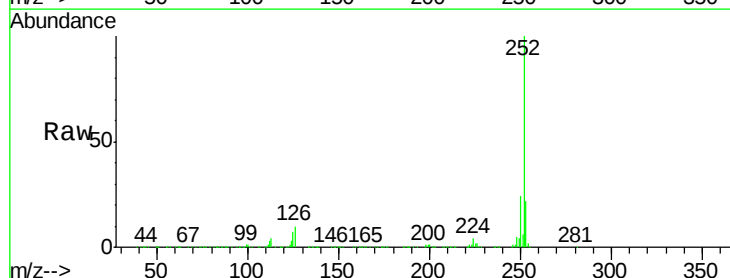
Tgt Ion:252 Resp: 1935500

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.4

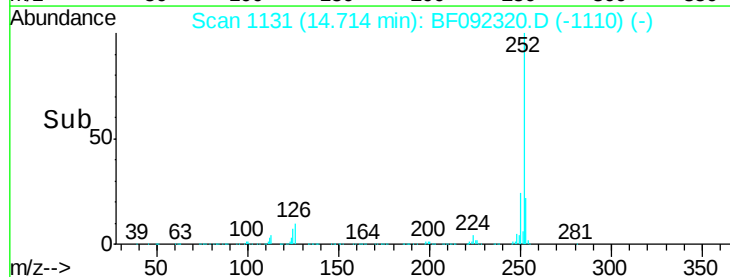
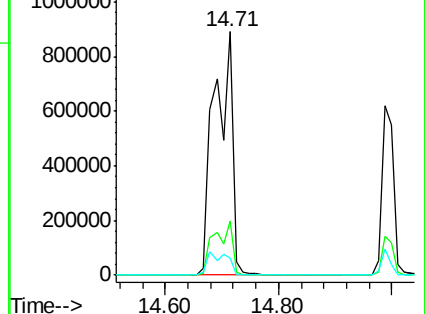
125 7.2 9.8 14.6#

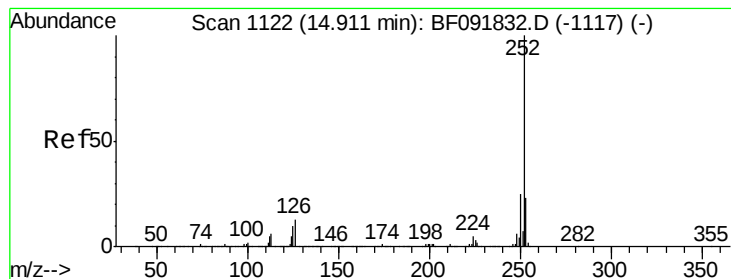


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 95.29 ng

RT: 14.71 min Scan# 1131

Delta R.T. -0.09 min

Lab File: BF092320.D

Acq: 17 Jan 2017 17:06

Instrument :

BNA_F

ClientSampleId :

PB96060BS

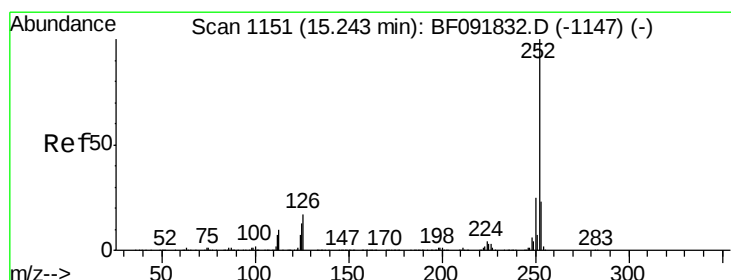
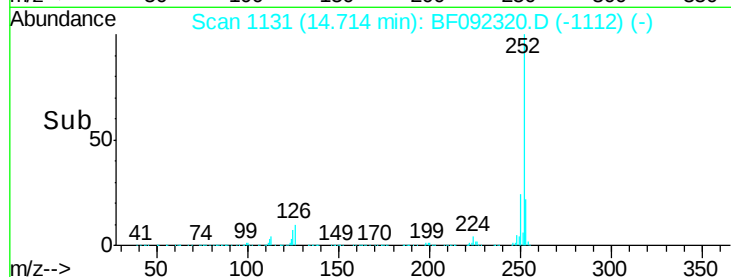
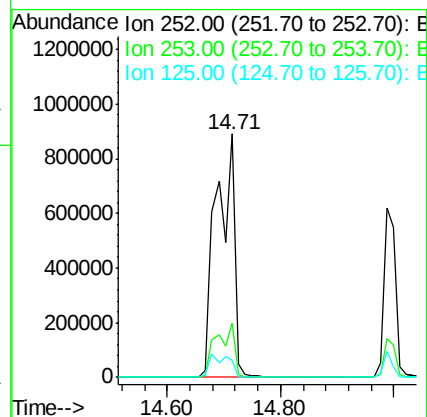
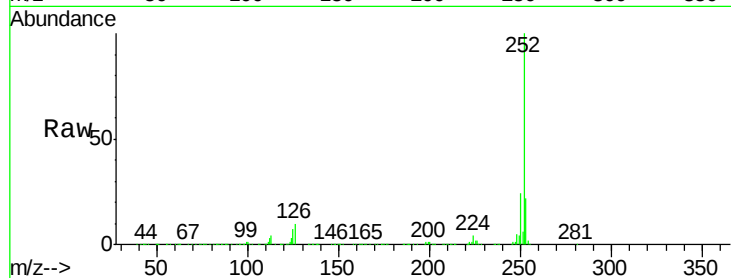
Tgt Ion:252 Resp: 1935500

Ion Ratio Lower Upper

252 100

253 22.1 18.5 27.7

125 7.2 8.9 13.3#



#89

Benzo(a)pyrene

Concen: 41.77 ng

RT: 14.99 min Scan# 1155

Delta R.T. -0.11 min

Lab File: BF092320.D

Acq: 17 Jan 2017 17:06

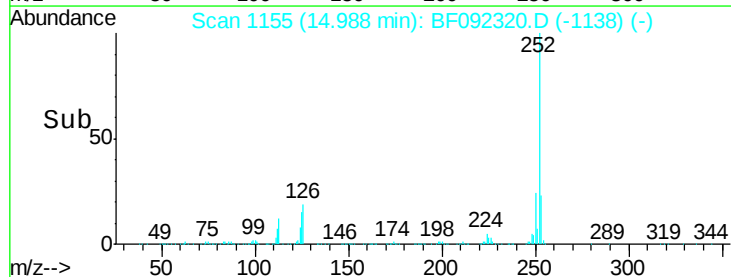
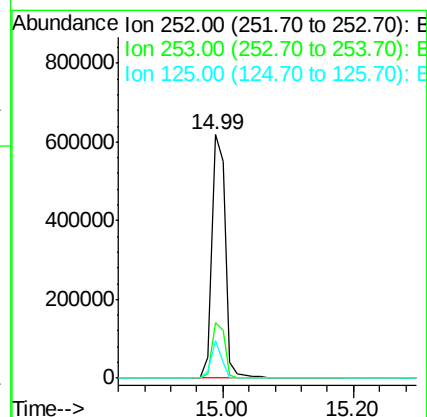
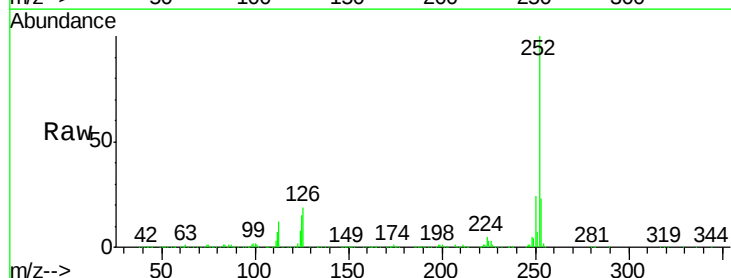
Tgt Ion:252 Resp: 882995

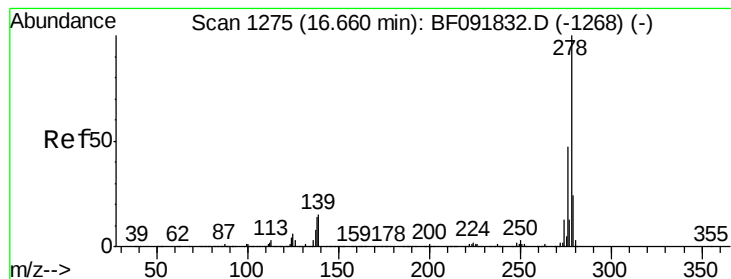
Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.2

125 15.2 10.0 15.0#





#90

Dibenzo(a,h)anthracene

Concen: 43.98 ng

RT: 16.28 min Scan# 1268

Delta R.T. -0.16 min

Lab File: BF092320.D

Acq: 17 Jan 2017 17:06

Instrument :

BNA_F

ClientSampleId :

PB96060BS

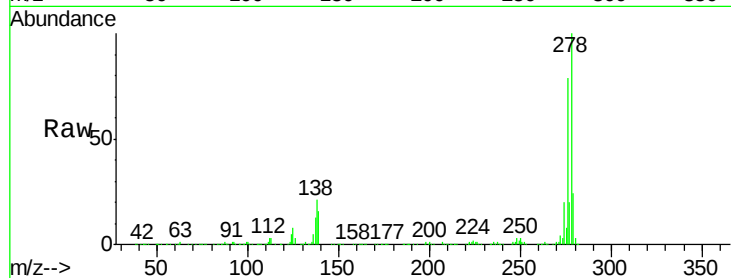
Tgt Ion:278 Resp: 764292

Ion Ratio Lower Upper

278 100

139 15.6 14.8 22.2

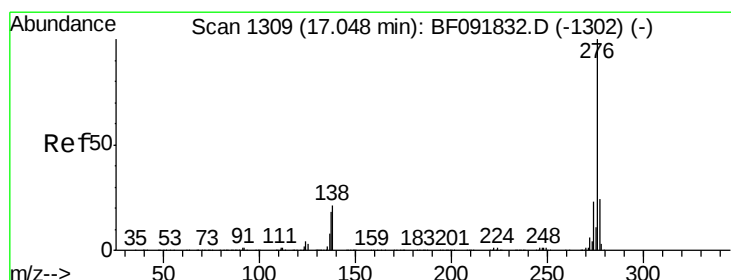
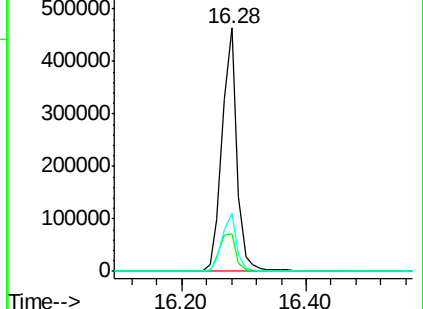
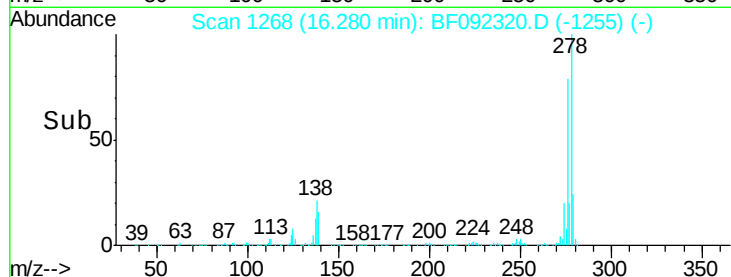
279 23.7 19.8 29.6



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: 44.53 ng

RT: 16.63 min Scan# 1299

Delta R.T. -0.17 min

Lab File: BF092320.D

Acq: 17 Jan 2017 17:06

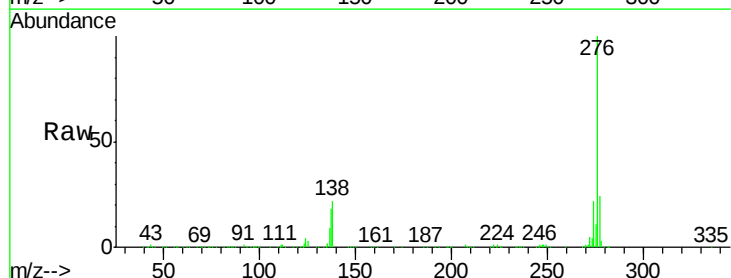
Tgt Ion:276 Resp: 804573

Ion Ratio Lower Upper

276 100

277 23.7 19.2 28.8

138 21.8 16.0 24.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

