

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010617\
 Data File : BF092115.D
 Acq On : 6 Jan 2017 14:24
 Operator : UM/SJ
 Sample : PB95798BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95798BS

Quant Time: Jan 06 22:26:54 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	6.64	152	176483	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	730138	20.00	ng	0.00
38) Acenaphthene-d10	9.68	164	400775	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	632311	20.00	ng	0.00
75) Chrysene-d12	13.78	240	444239	20.00	ng	0.00
86) Perylene-d12	15.15	264	371610	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	798470	75.54	ng	0.01
7) Phenol-d6	6.31	99	1242876	96.31	ng	0.00
23) Nitrobenzene-d5	7.21	82	1026784	78.20	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	248559	74.94	ng	0.00
44) 2-Fluorobiphenyl	9.01	172	1694075	86.90	ng	0.00
78) Terphenyl-d14	12.74	244	1759532	96.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.18	88	230025	44.21	ng	96
3) Pyridine	2.82	79	634665	34.95	ng	96
4) n-Nitrosodimethylamine	2.79	42	287420	41.96	ng	97
6) Aniline	6.30	93	334534	19.96	ng	# 60
8) 2-Chlorophenol	6.44	128	581998	48.41	ng	85
9) Benzaldehyde	6.18	77	51274	5.15	ng	98
10) Phenol	6.32	94	784596	53.36	ng	# 65
11) bis(2-Chloroethyl)ether	6.38	93	549689	46.98	ng	96
12) 1,3-Dichlorobenzene	6.58	146	533208	41.54	ng	99
13) 1,4-Dichlorobenzene	6.65	146	516955	39.57	ng	99
14) 1,2-Dichlorobenzene	6.81	146	498430	43.97	ng	99
15) Benzyl Alcohol	6.80	79	427532	42.64	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.94	45	722006	41.44	ng	87
17) 2-Methylphenol	6.93	107	421240	43.56	ng	94
18) Hexachloroethane	7.16	117	200536	41.41	ng	95
19) n-Nitroso-di-n-propylamine	7.08	70	385437	44.90	ng	# 88
20) 3+4-Methylphenols	7.09	107	571865	49.59	ng	# 73
22) Acetophenone	7.06	105	749266	41.60	ng	# 89
24) Nitrobenzene	7.24	77	592794	42.39	ng	# 89
25) Isophorone	7.48	82	1025727	42.34	ng	97
26) 2-Nitrophenol	7.56	139	279500	40.53	ng	# 79
27) 2,4-Dimethylphenol	7.61	122	453771	39.67	ng	92
28) bis(2-Chloroethoxy)methane	7.69	93	634619	43.20	ng	100
29) 2,4-Dichlorophenol	7.81	162	406588	41.98	ng	99
30) 1,2,4-Trichlorobenzene	7.88	180	445055	41.93	ng	97
31) Naphthalene	7.96	128	1445938	43.27	ng	98
32) Benzoic acid	7.75	122	347230	40.93	ng	98
33) 4-Chloroaniline	8.01	127	115894	7.69	ng	# 93
34) Hexachlorobutadiene	8.07	225	229507	40.96	ng	98
35) Caprolactam	8.39	113	99076	31.13	ng	99
36) 4-Chloro-3-methylphenol	8.52	107	493091	44.24	ng	96
37) 2-Methylnaphthalene	8.64	142	937078	47.04	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	422384	41.71	ng	99
40) Hexachlorocyclopentadiene	8.80	237	387885	85.72	ng	98

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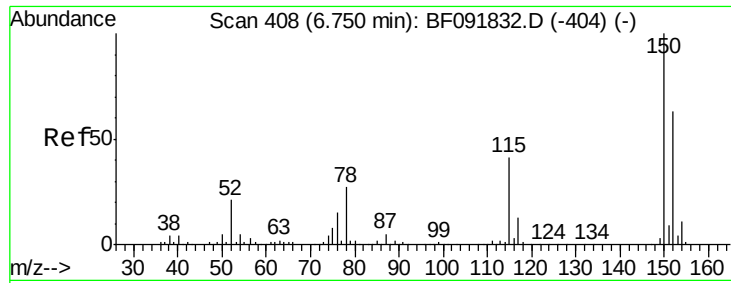
Instrument :
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Quant Time: Jan 06 22:26:54 2017
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 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	267950	37.84	ng	94
43) 2,4,5-Trichlorophenol	8.98	196	288212	39.55	ng	# 83
45) 1,1'-Biphenyl	9.11	154	1240562	45.21	ng	99
46) 2-Chloronaphthalene	9.13	162	911682	41.95	ng	98
47) 2-Nitroaniline	9.24	65	318616	41.18	ng	91
48) Acenaphthylene	9.54	152	1426367	42.68	ng	99
49) Dimethylphthalate	9.42	163	1020651	39.82	ng	99
50) 2,6-Dinitrotoluene	9.48	165	213183	38.00	ng	# 70
51) Acenaphthene	9.72	154	910818	40.20	ng	99
52) 3-Nitroaniline	9.65	138	94756	13.65	ng	# 78
53) 2,4-Dinitrophenol	9.76	184	257316	82.43	ng	# 89
54) Dibenzofuran	9.89	168	1224583	40.02	ng	98
55) 4-Nitrophenol	9.84	139	351144	74.48	ng	# 72
56) 2,4-Dinitrotoluene	9.89	165	304630	43.26	ng	93
57) Fluorene	10.23	166	970126	43.58	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.01	232	250769	43.51	ng	99
59) Diethylphthalate	10.12	149	1040895	41.81	ng	99
60) 4-Chlorophenyl-phenylether	10.22	204	395683	40.59	ng	100
61) 4-Nitroaniline	10.26	138	272341	37.85	ng	87
62) Azobenzene	10.38	77	1141986	41.67	ng	99
64) 4,6-Dinitro-2-methylphenol	10.29	198	158361	41.42	ng	# 50
65) n-Nitrosodiphenylamine	10.34	169	830621	44.27	ng	99
66) 4-Bromophenyl-phenylether	10.71	248	294359	44.75	ng	# 89
67) Hexachlorobenzene	10.77	284	281655	40.06	ng	# 76
68) Atrazine	10.88	200	305381	50.46	ng	96
69) Pentachlorophenol	10.97	266	279186	80.93	ng	99
70) Phenanthrene	11.18	178	1330542	38.81	ng	99
71) Anthracene	11.24	178	1548771	55.21	ng	98
72) Carbazole	11.40	167	1381813	53.37	ng	98
73) Di-n-butylphthalate	11.73	149	1523472	47.08	ng	99
74) Fluoranthene	12.37	202	1491899	50.02	ng	91
76) Benzidine	12.49	184	444335	37.83	ng	96
77) Pyrene	12.58	202	1355523	41.59	ng	99
79) Butylbenzylphthalate	13.22	149	697594	47.06	ng	# 83
80) Benzo(a)anthracene	13.77	228	1128383	45.00	ng	100
81) 3,3'-Dichlorobenzidine	13.74	252	168000	17.67	ng	99
82) Chrysene	13.81	228	981826	39.03	ng	98
83) Bis(2-ethylhexyl)phthalate	13.78	149	799359	45.79	ng	# 99
84) Di-n-octyl phthalate	14.39	149	1312593	40.59	ng	98
85) Indeno(1,2,3-cd)pyrene	16.43	276	1032720	47.39	ng	98
87) Benzo(b)fluoranthene	14.80	252	1846890	79.83	ng	99
88) Benzo(k)fluoranthene	14.80	252	1847788	93.66	ng	98
89) Benzo(a)pyrene	15.10	252	891746	43.43	ng	# 96
90) Dibenzo(a,h)anthracene	16.44	278	843909	50.00	ng	96
91) Benzo(g,h,i)perylene	16.80	276	883413	50.34	ng	98

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

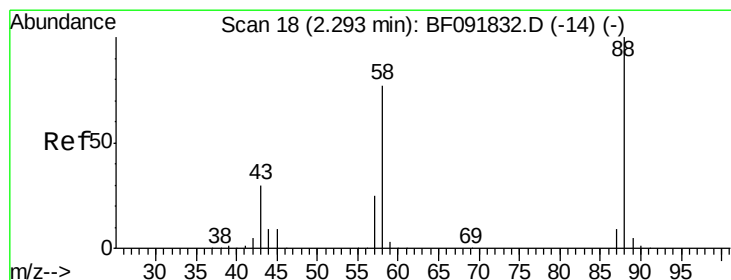
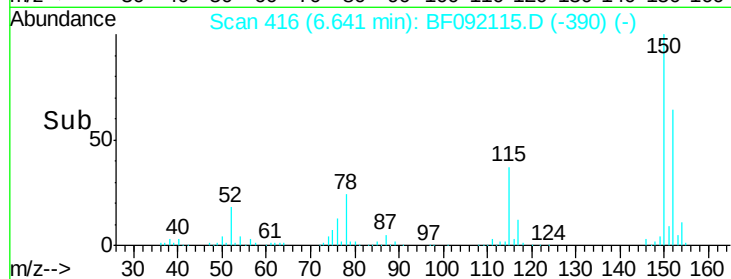
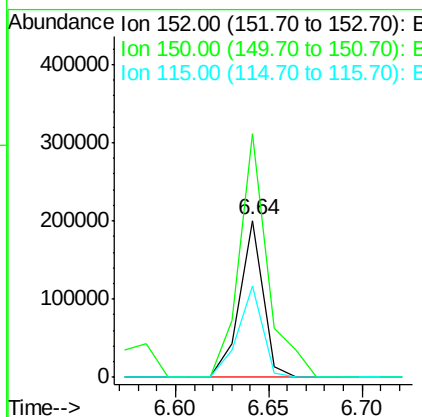
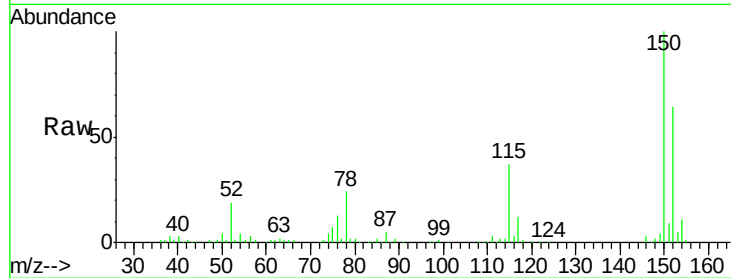
Page: 3



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.64 min Scan# 416
 Delta R.T. -0.00 min
 Lab File: BF092115.D
 Acq: 6 Jan 2017 14:24

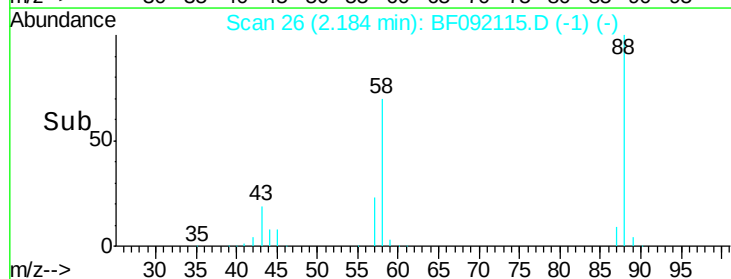
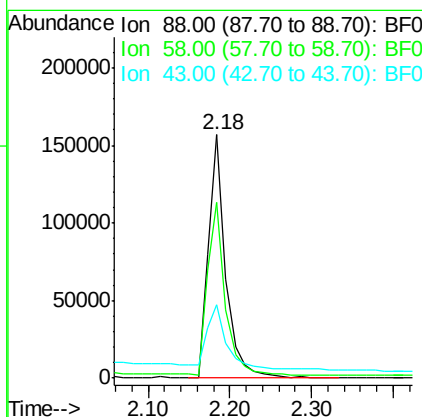
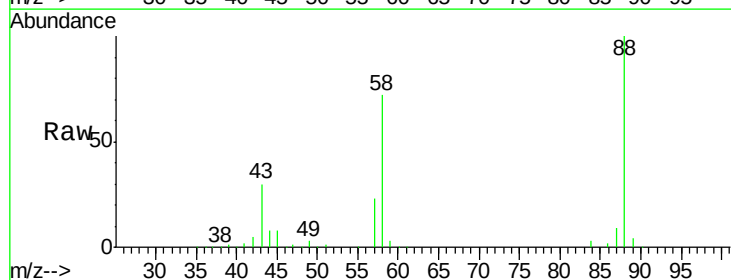
Instrument :
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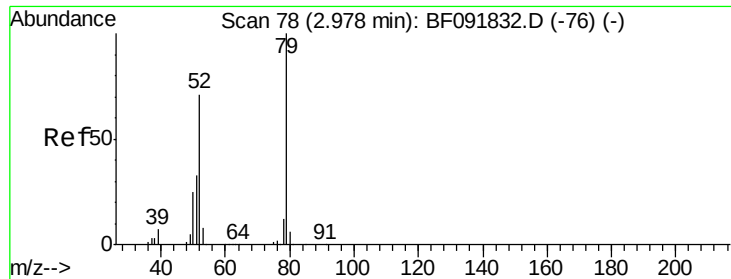
Tgt Ion:152 Resp: 176483
 Ion Ratio Lower Upper
 152 100
 150 155.4 124.9 187.3
 115 58.1 46.0 69.0



#2
 1,4-Dioxane
 Concen: 44.21 ng
 RT: 2.18 min Scan# 26
 Delta R.T. 0.10 min
 Lab File: BF092115.D
 Acq: 6 Jan 2017 14:24

Tgt Ion: 88 Resp: 230025
 Ion Ratio Lower Upper
 88 100
 58 73.6 57.8 86.8
 43 33.0 22.3 33.5





#3

Pyridine

Concen: 34.95 ng

RT: 2.82 min Scan# 82

Delta R.T. 0.09 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

Instrument :

BNA_F

ClientSampleId :

PB95798BS

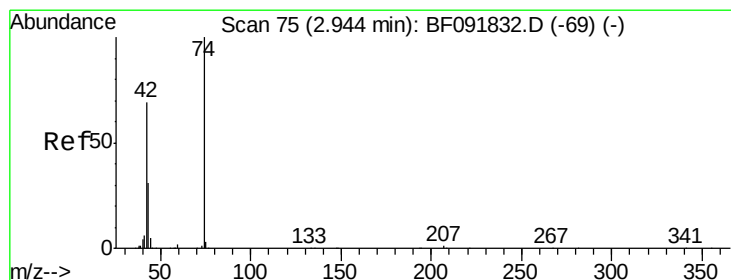
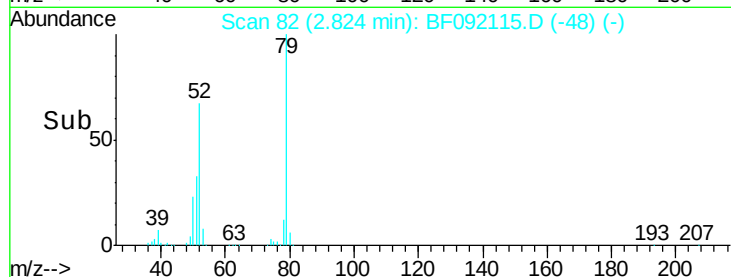
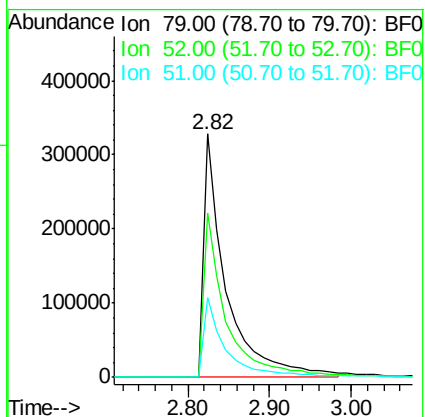
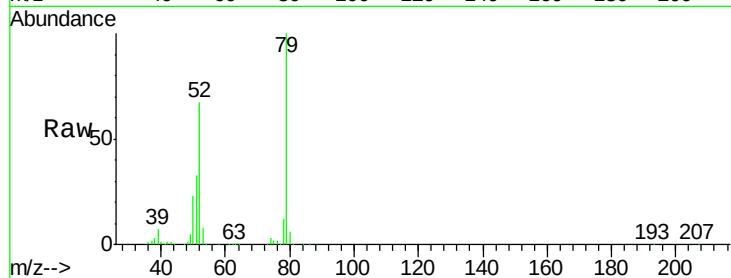
Tgt Ion: 79 Resp: 634665

Ion Ratio Lower Upper

79 100

52 67.4 57.1 85.7

51 32.8 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 41.96 ng

RT: 2.79 min Scan# 79

Delta R.T. 0.10 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

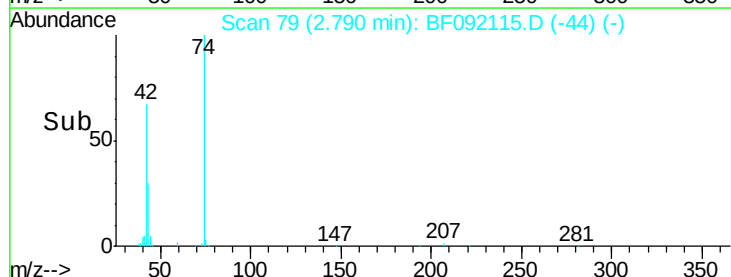
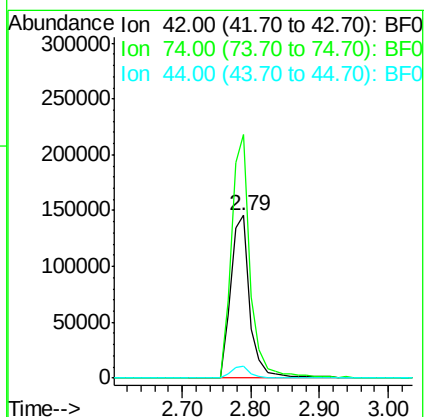
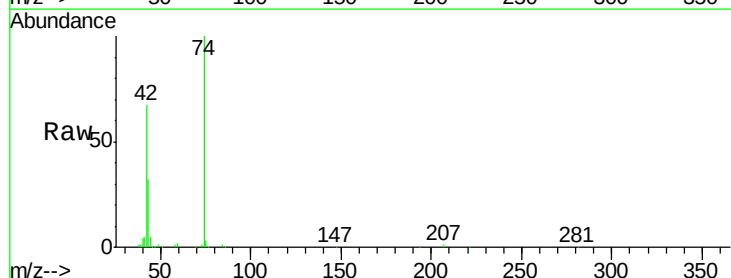
Tgt Ion: 42 Resp: 287420

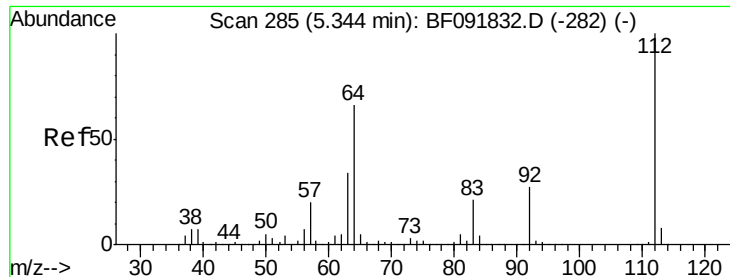
Ion Ratio Lower Upper

42 100

74 149.8 117.0 175.4

44 7.3 5.5 8.3





#5

2-Fluorophenol

Concen: 75.54 ng

RT: 5.25 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

Instrument :

BNA_F

ClientSampleId :

PB95798BS

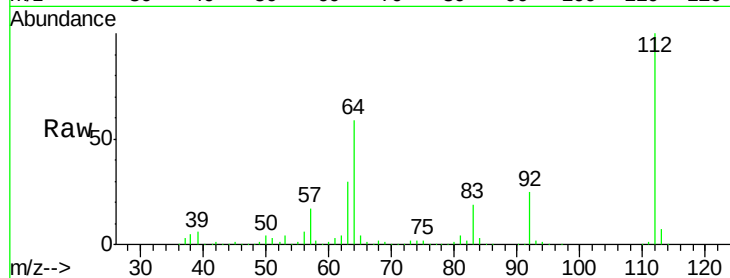
Tgt Ion: 112 Resp: 798470

Ion Ratio Lower Upper

112 100

64 58.7 46.1 69.1

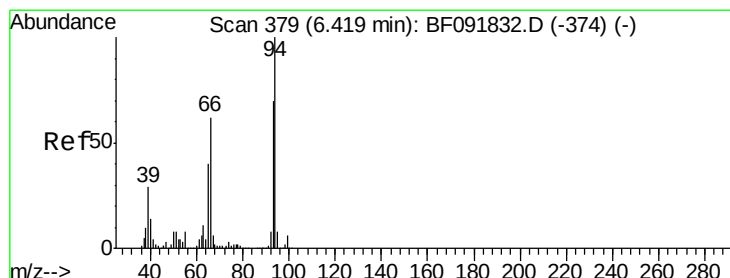
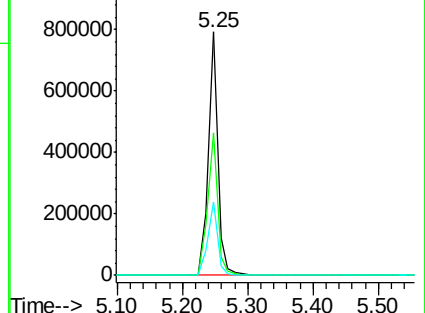
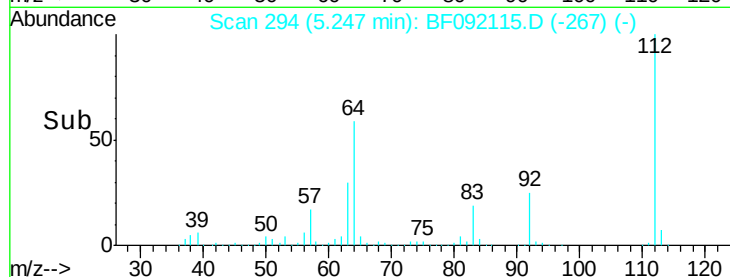
63 30.0 23.8 35.6



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: 19.96 ng

RT: 6.30 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

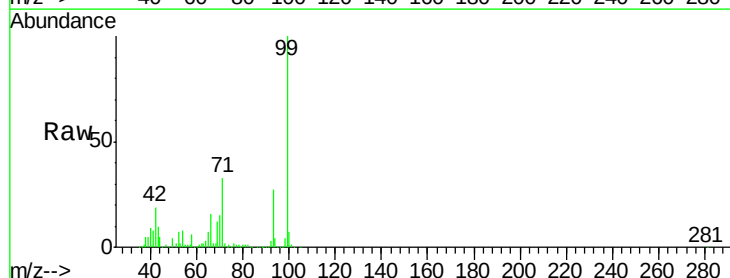
Tgt Ion: 93 Resp: 334534

Ion Ratio Lower Upper

93 100

66 59.6 76.2 114.2#

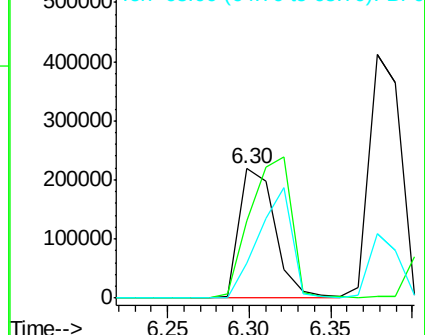
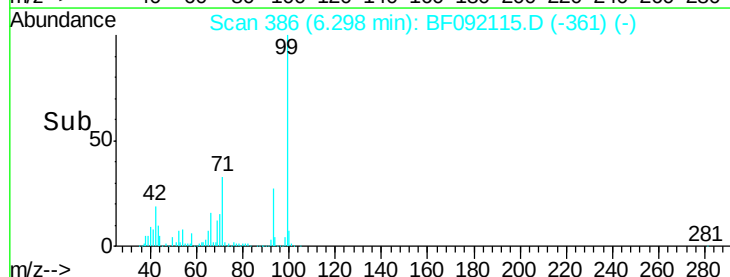
65 26.6 49.3 73.9#

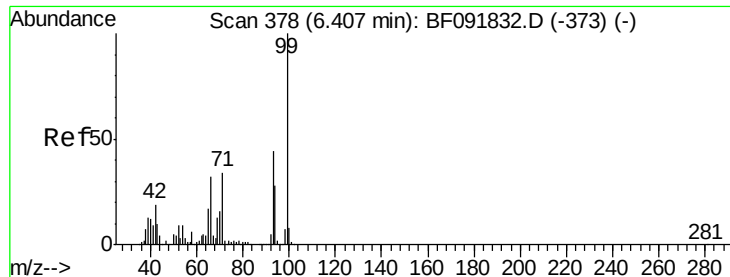


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 96.31 ng

RT: 6.31 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

Instrument :

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ClientSampleId :

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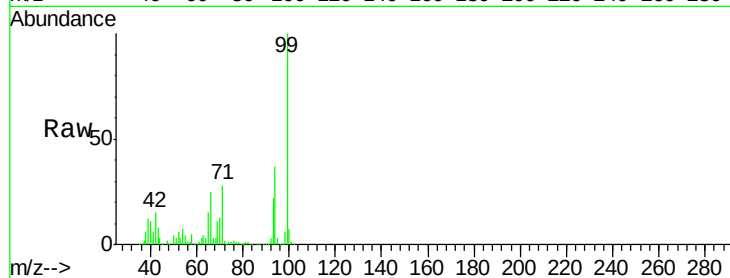
Tgt Ion: 99 Resp: 1242876

Ion Ratio Lower Upper

99 100

42 14.5 15.6 23.4#

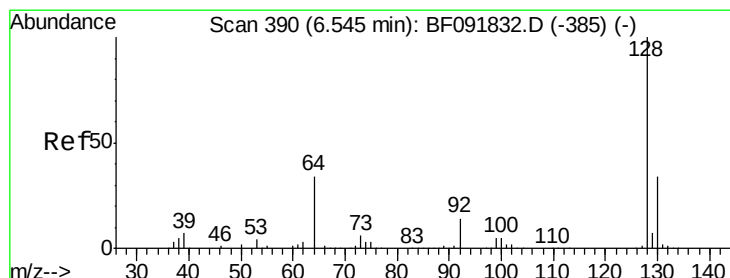
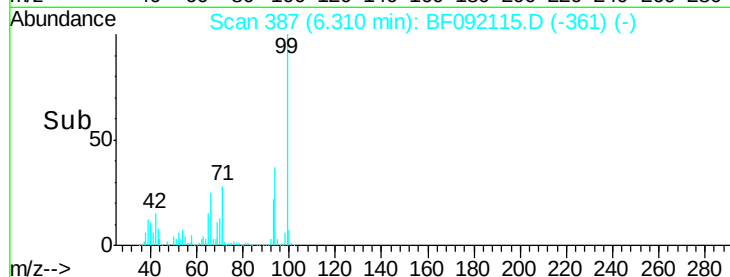
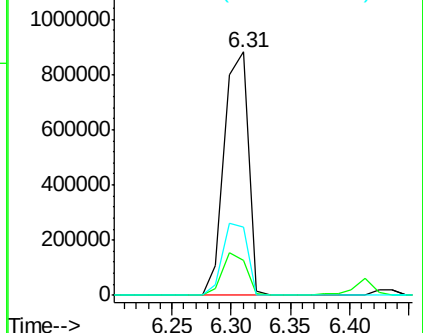
71 28.2 27.5 41.3



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: 48.41 ng

RT: 6.44 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

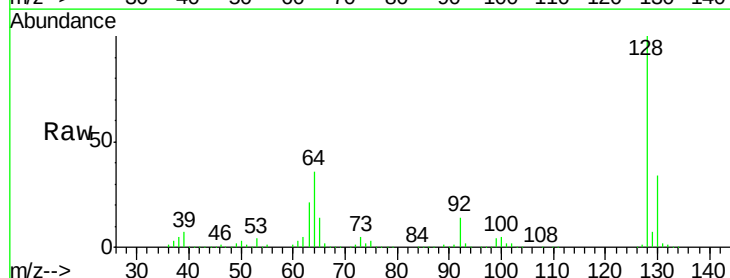
Tgt Ion: 128 Resp: 581998

Ion Ratio Lower Upper

128 100

130 33.8 12.3 52.3

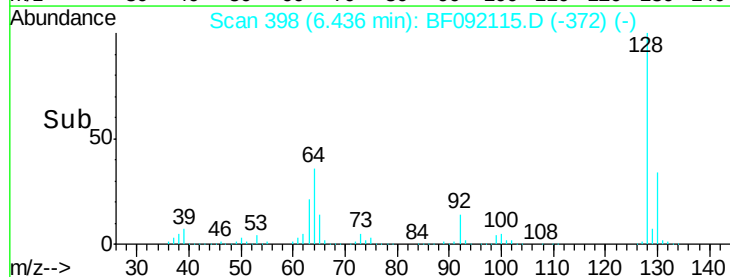
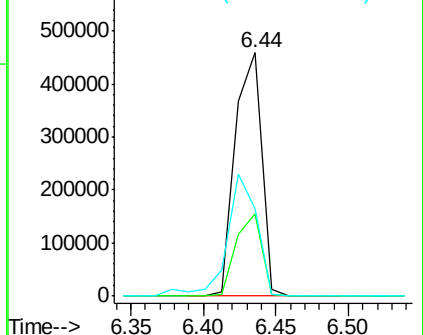
64 36.1 32.2 72.2

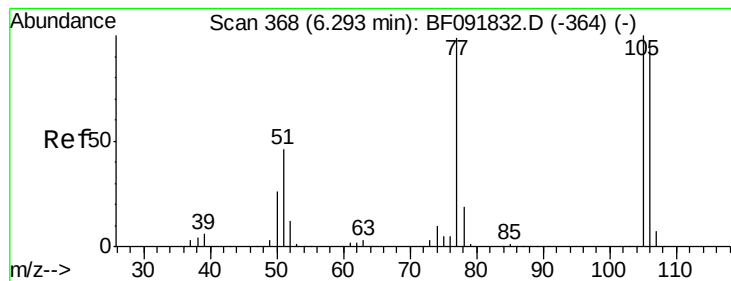


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 5.15 ng

RT: 6.18 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

Instrument :

BNA_F

ClientSampleId :

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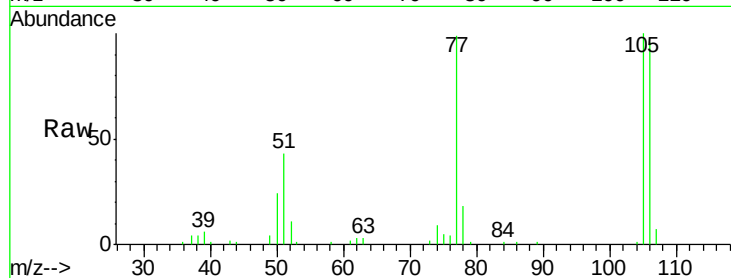
Tgt Ion: 77 Resp: 51274

Ion Ratio Lower Upper

77 100

105 100.7 83.9 123.9

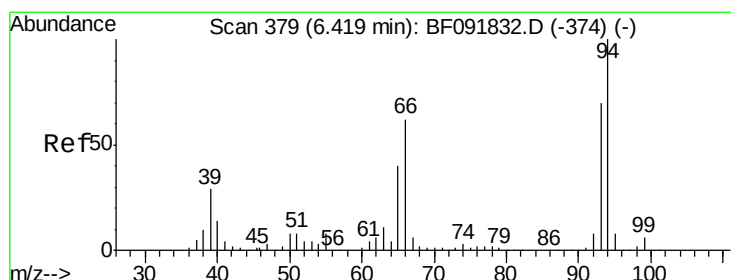
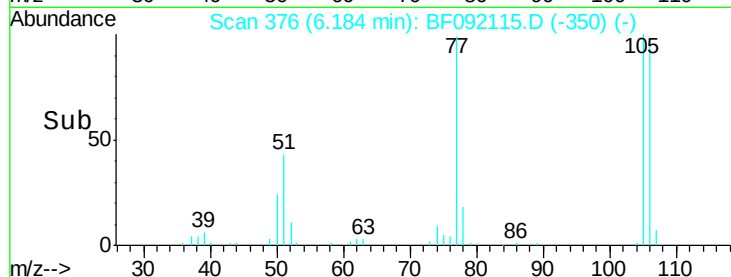
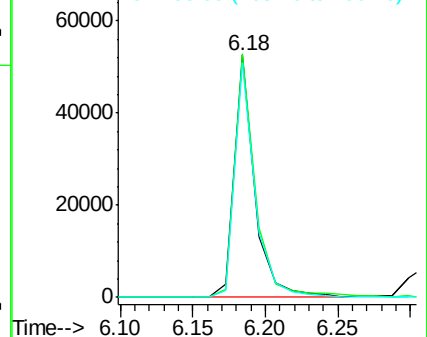
106 96.9 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 53.36 ng

RT: 6.32 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

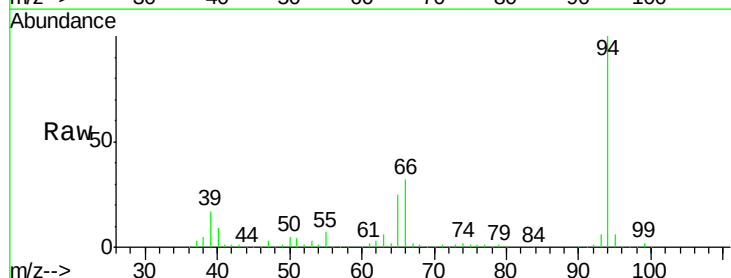
Tgt Ion: 94 Resp: 784596

Ion Ratio Lower Upper

94 100

65 24.9 21.4 61.4

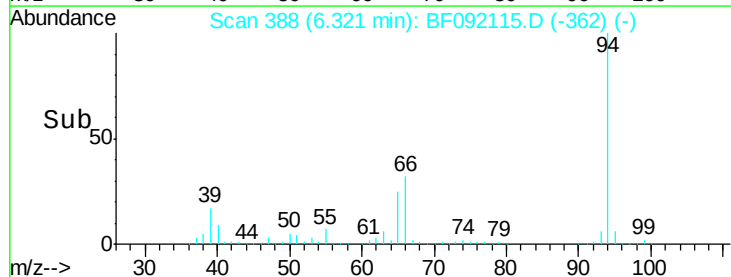
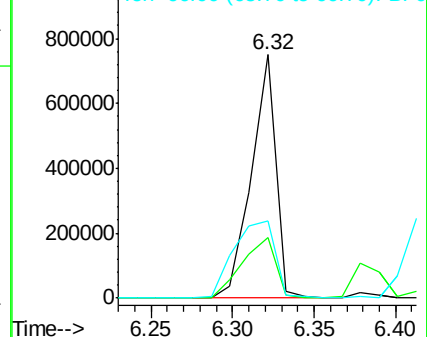
66 32.0 44.0 84.0#

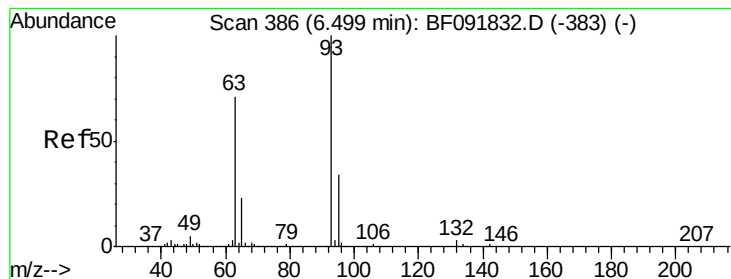


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 46.98 ng

RT: 6.38 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

Instrument :

BNA_F

ClientSampleId :

PB95798BS

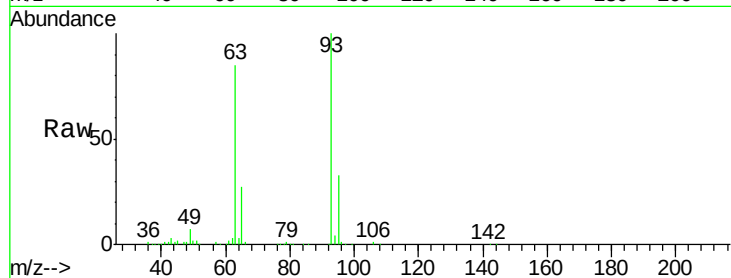
Tgt Ion: 93 Resp: 549689

Ion Ratio Lower Upper

93 100

63 85.3 60.4 100.4

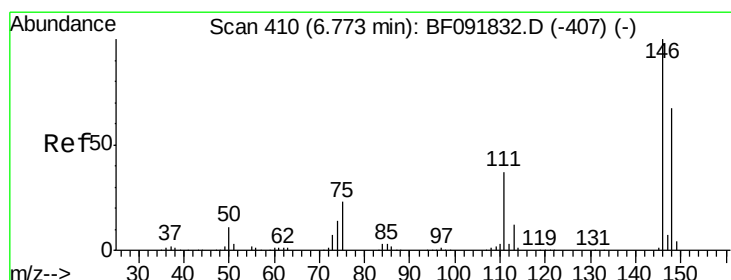
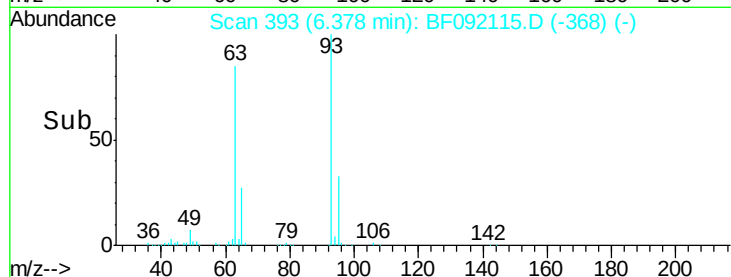
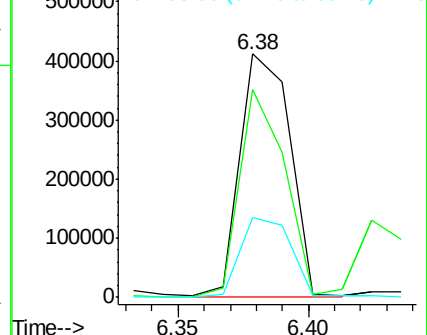
95 32.8 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 41.54 ng

RT: 6.58 min Scan# 411

Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

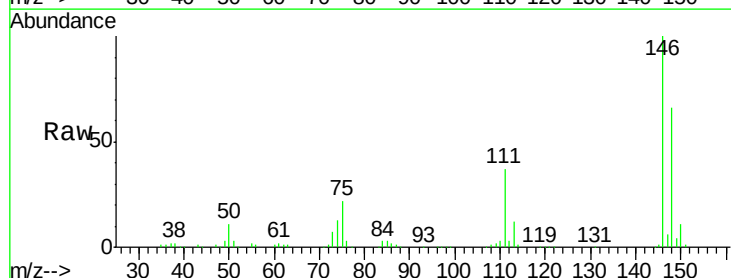
Tgt Ion: 146 Resp: 533208

Ion Ratio Lower Upper

146 100

148 65.6 53.4 80.0

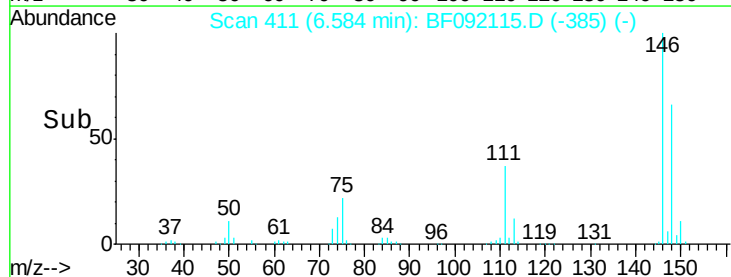
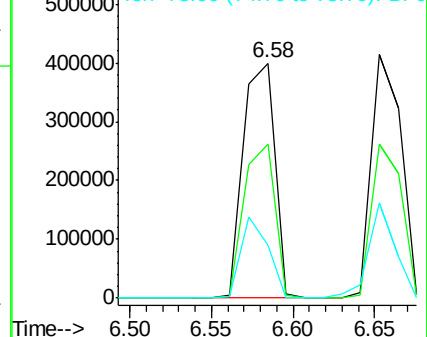
75 22.4 18.5 27.7

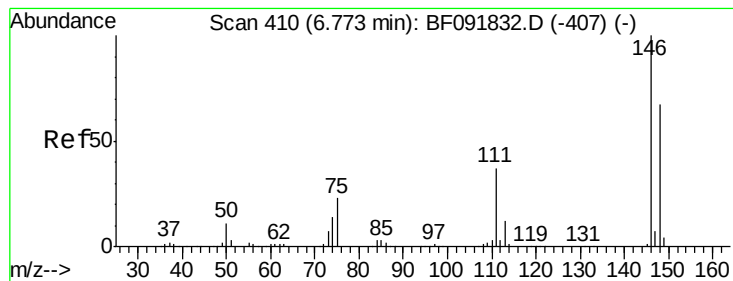


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 39.57 ng

RT: 6.65 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

Instrument :

BNA_F

ClientSampleId :

PB95798BS

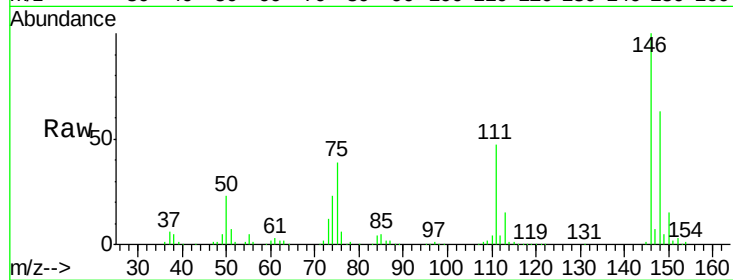
Tgt Ion:146 Resp: 516955

Ion Ratio Lower Upper

146 100

148 63.1 50.6 76.0

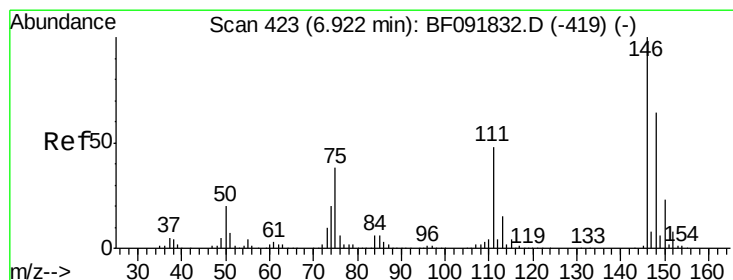
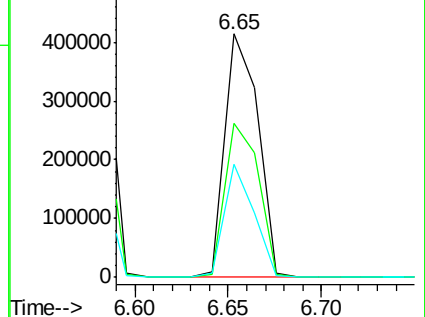
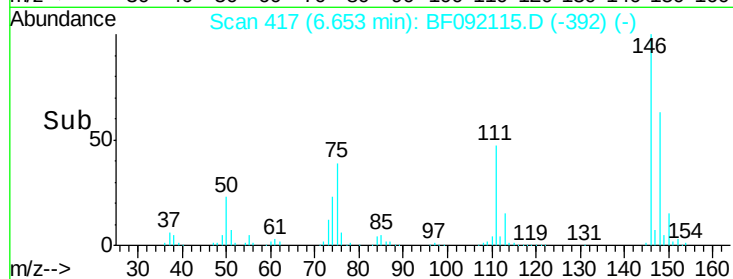
111 46.6 36.2 54.4



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: 43.97 ng

RT: 6.81 min Scan# 431

Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

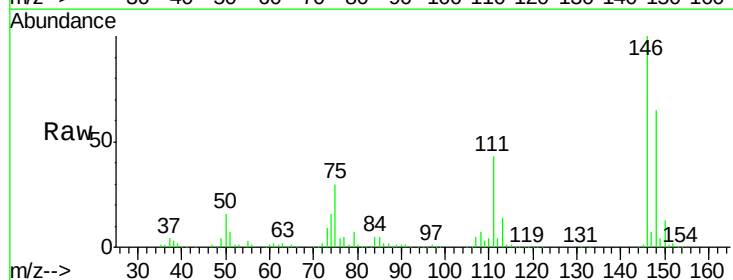
Tgt Ion:146 Resp: 498430

Ion Ratio Lower Upper

146 100

148 65.5 52.2 78.2

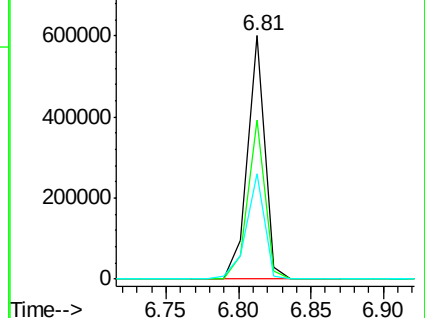
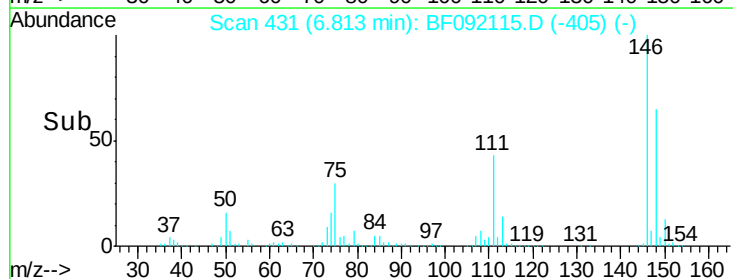
111 43.3 36.2 54.2

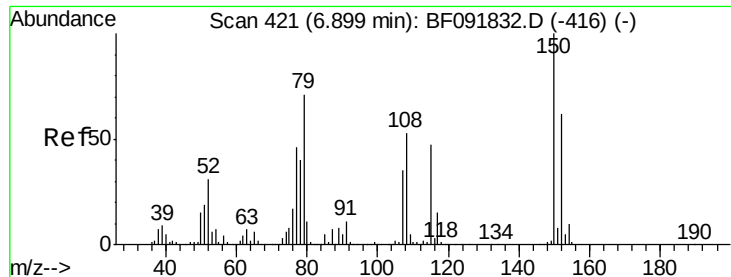


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.64 ng

RT: 6.80 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

Instrument :

BNA_F

ClientSampleId :

PB95798BS

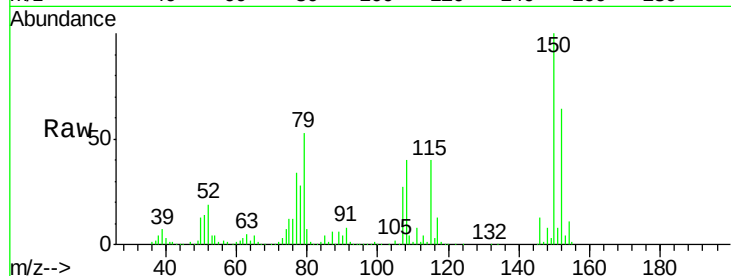
Tgt Ion: 79 Resp: 427532

Ion Ratio Lower Upper

79 100

108 76.1 61.4 92.0

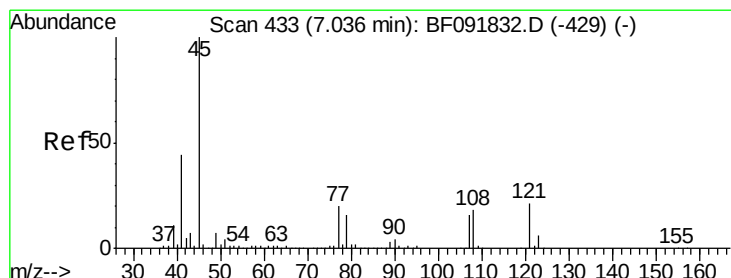
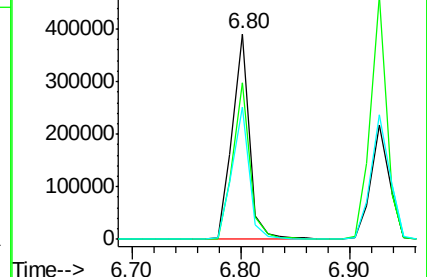
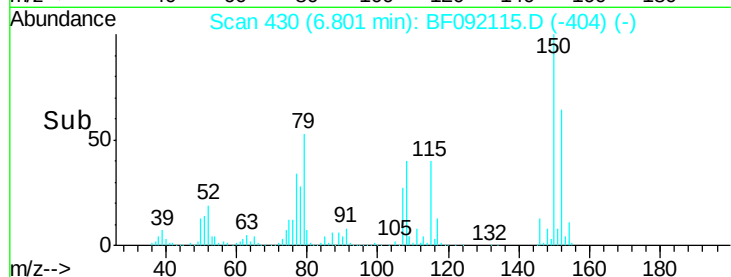
77 64.3 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.44 ng

RT: 6.94 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

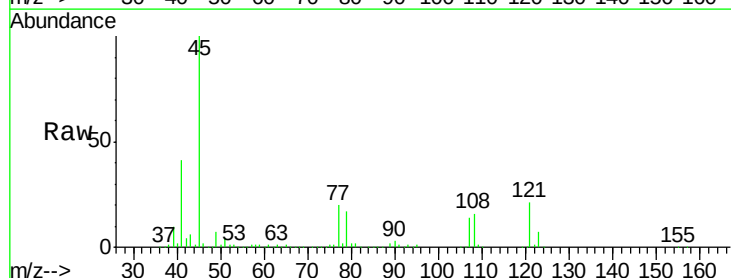
Tgt Ion: 45 Resp: 722006

Ion Ratio Lower Upper

45 100

77 19.6 0.0 34.6

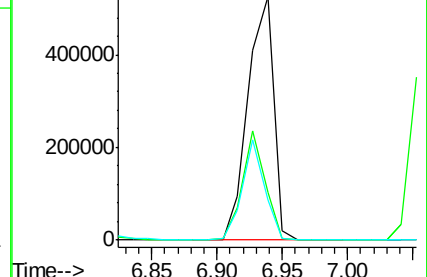
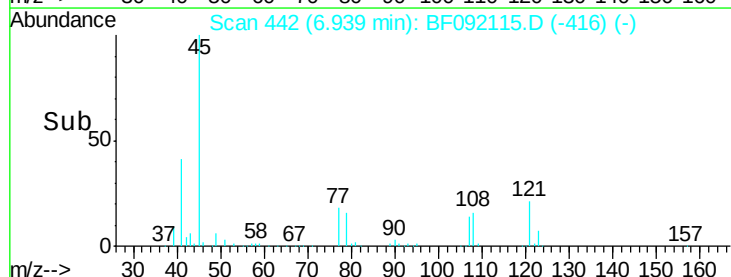
79 16.6 0.0 31.2

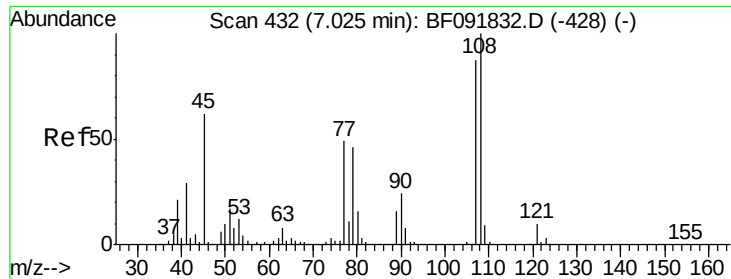


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

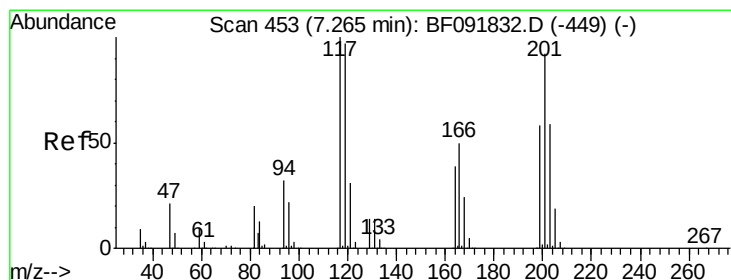
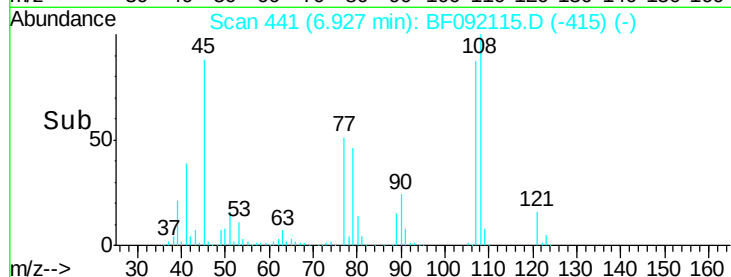
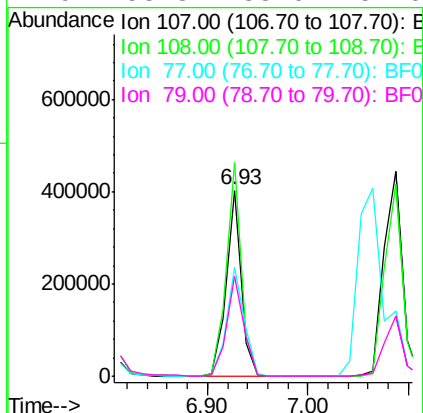
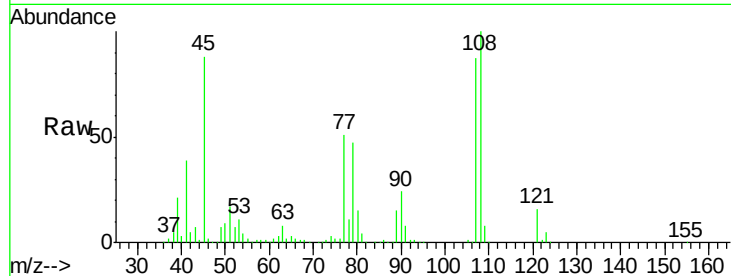




#17
2-Methylphenol
Concen: 43.56 ng
RT: 6.93 min Scan# 441
Delta R.T. -0.00 min
Lab File: BF092115.D
Acq: 6 Jan 2017 14:24

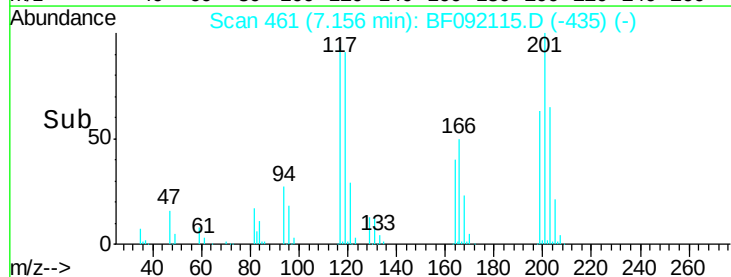
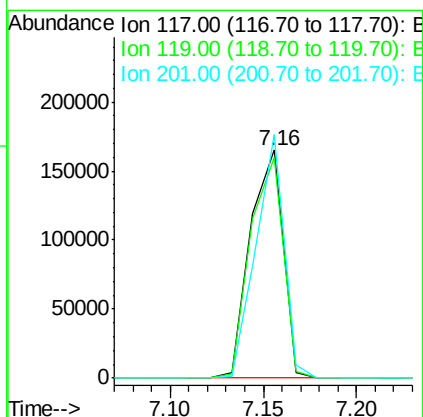
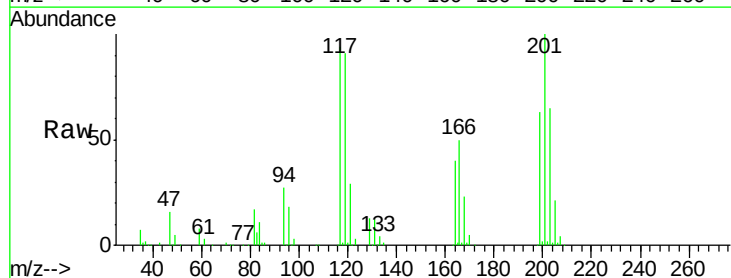
Instrument :
BNA_F
ClientSampleId :
PB95798BS

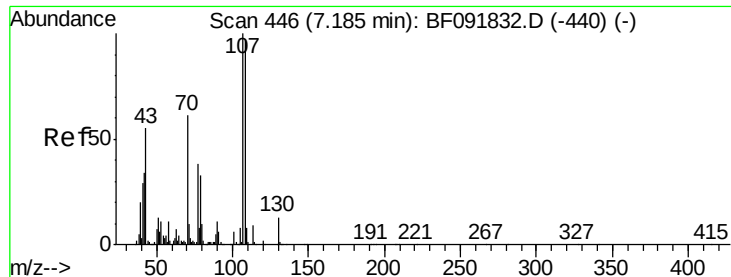
Tgt Ion:	107	Resp:	421240
Ion	Ratio	Lower	Upper
107	100		
108	114.7	93.0	139.6
77	58.7	39.8	59.8
79	53.8	38.0	57.0



#18
Hexachloroethane
Concen: 41.41 ng
RT: 7.16 min Scan# 461
Delta R.T. -0.00 min
Lab File: BF092115.D
Acq: 6 Jan 2017 14:24

Tgt Ion:	117	Resp:	200536
Ion	Ratio	Lower	Upper
117	100		
119	96.7	78.1	117.1
201	106.7	78.6	117.8

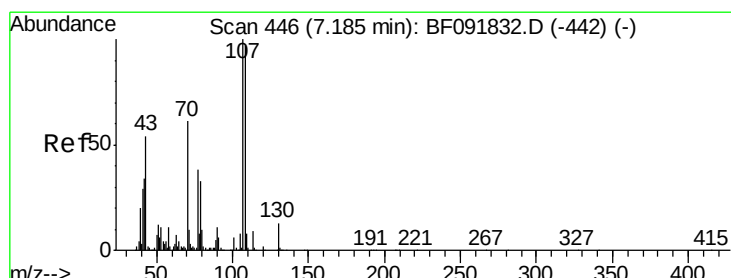
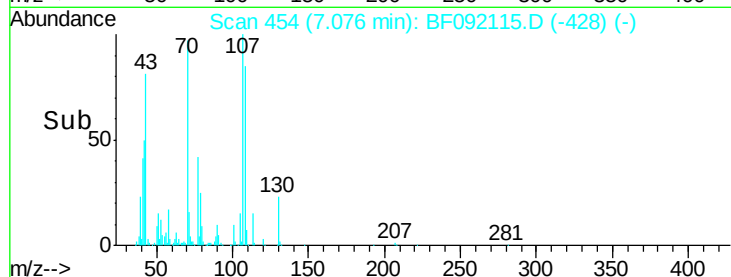
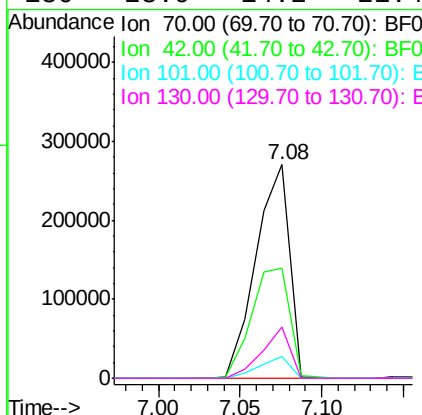
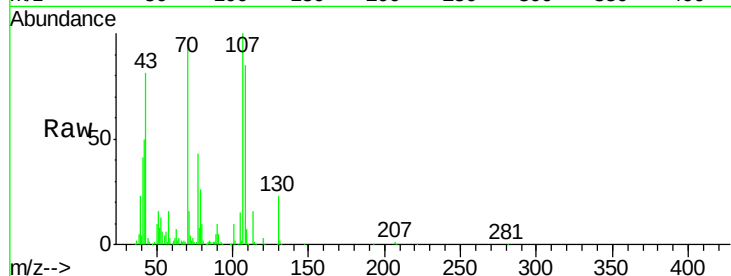




#19
n-Nitroso-di-n-propylamine
Concen: 44.90 ng
RT: 7.08 min Scan# 454
Delta R.T. -0.00 min
Lab File: BF092115.D
Acq: 6 Jan 2017 14:24

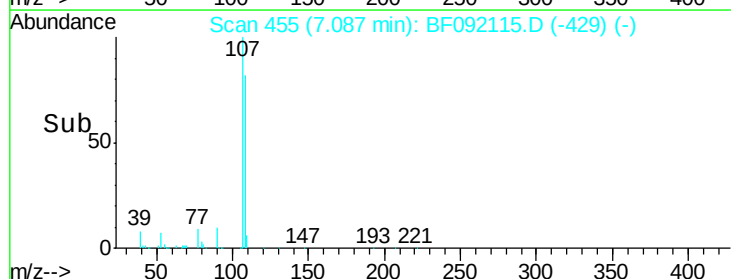
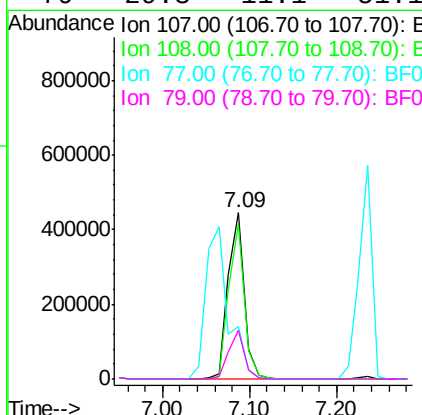
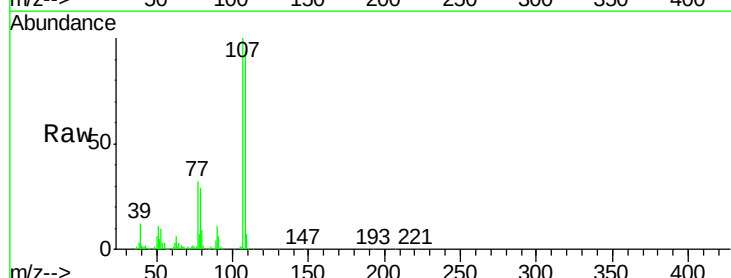
Instrument :
BNA_F
ClientSampleId :
PB95798BS

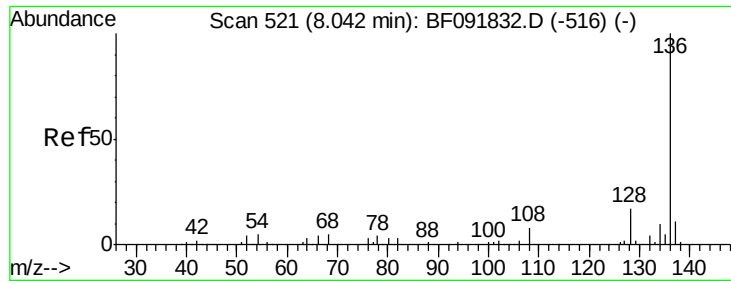
Tgt Ion:	70	Resp:	385437
Ion	Ratio	Lower	Upper
70	100		
42	51.4	49.4	74.0
101	10.2	7.4	11.2
130	23.9	14.2	21.4#



#20
3+4-Methylphenols
Concen: 49.59 ng
RT: 7.09 min Scan# 455
Delta R.T. -0.00 min
Lab File: BF092115.D
Acq: 6 Jan 2017 14:24

Tgt Ion:	107	Resp:	571865
Ion	Ratio	Lower	Upper
107	100		
108	93.6	73.0	113.0
77	31.7	71.3	111.3#
79	29.3	11.1	51.1

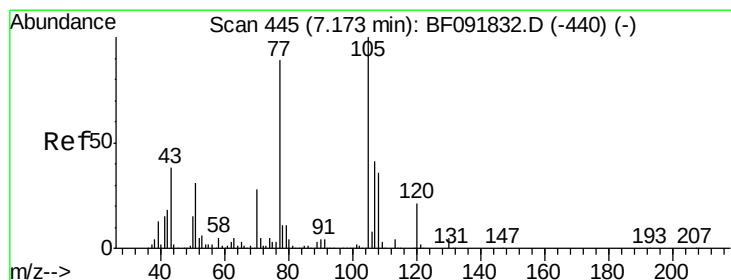
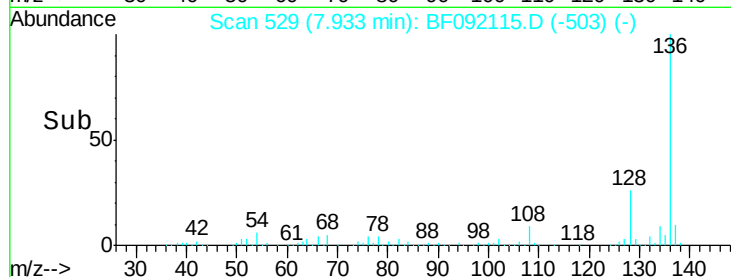
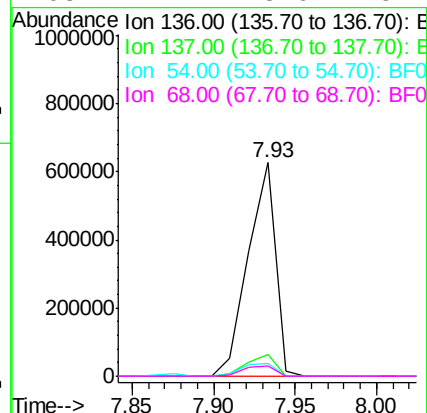
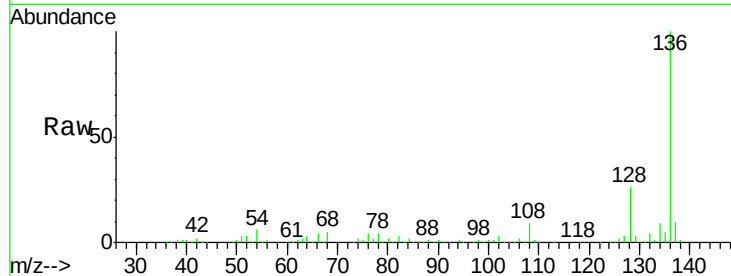




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF092115.D
Acq: 6 Jan 2017 14:24

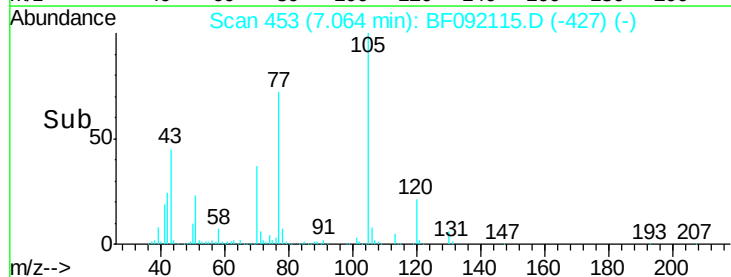
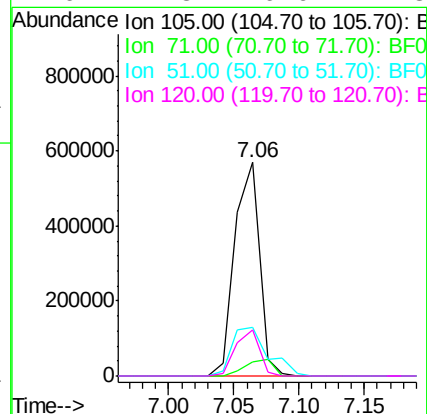
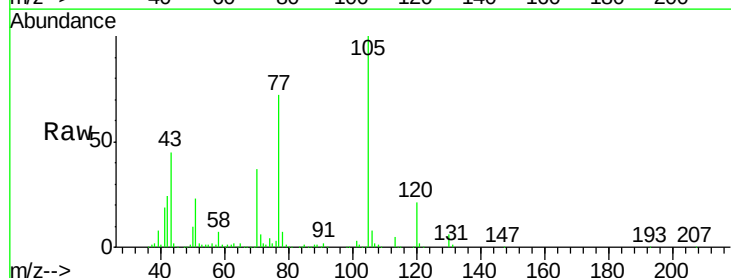
Instrument :
BNA_F
ClientSampleId :
PB95798BS

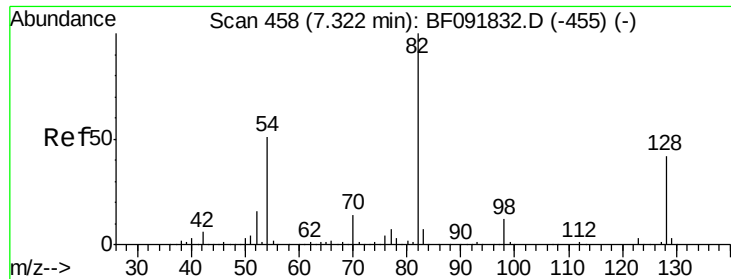
Tgt Ion:	136	Resp:	730138
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.4	12.6
54	6.0	4.5	6.7
68	4.7	3.6	5.4



#22
Acetophenone
Concen: 41.60 ng
RT: 7.06 min Scan# 453
Delta R.T. -0.00 min
Lab File: BF092115.D
Acq: 6 Jan 2017 14:24

Tgt Ion:	105	Resp:	749266
Ion	Ratio	Lower	Upper
105	100		
71	6.5	3.2	4.8#
51	22.6	26.2	39.4#
120	21.3	16.6	24.8

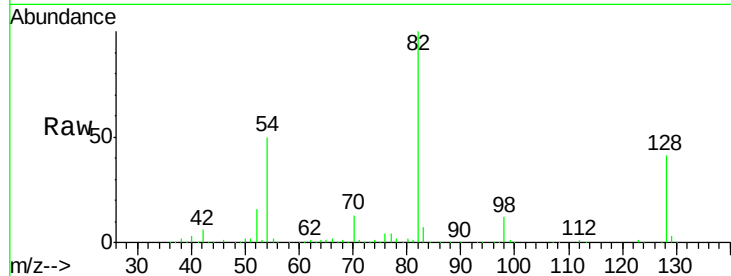




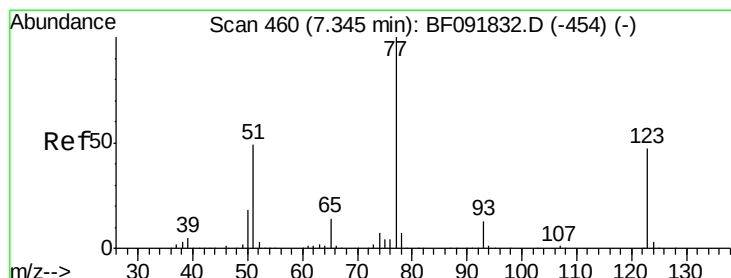
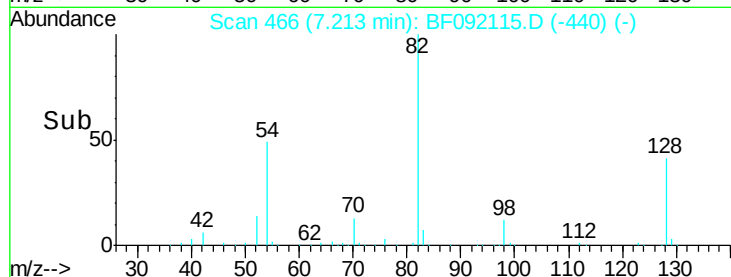
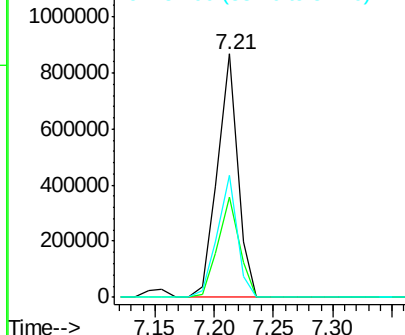
#23
 Nitrobenzene-d5
 Concen: 78.20 ng
 RT: 7.21 min Scan# 466
 Delta R.T. -0.00 min
 Lab File: BF092115.D
 Acq: 6 Jan 2017 14:24

Instrument :
 BNA_F
 ClientSampleId :
 PB95798BS

Tgt Ion: 82 Resp: 1026784
 Ion Ratio Lower Upper
 82 100
 128 41.2 34.6 52.0
 54 50.0 39.5 59.3

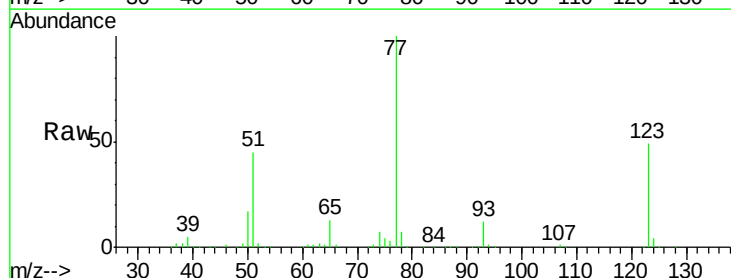


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

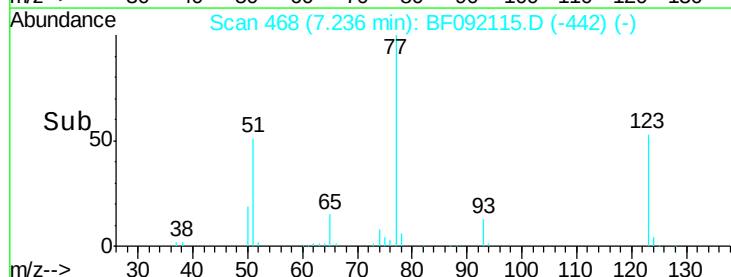
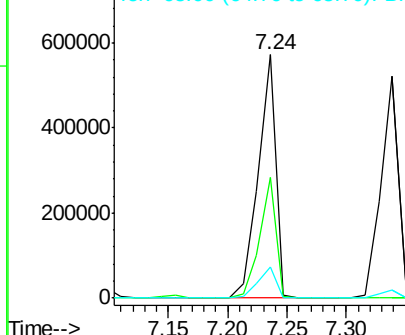


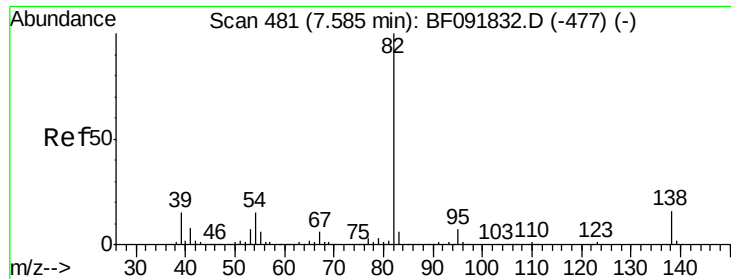
#24
 Nitrobenzene
 Concen: 42.39 ng
 RT: 7.24 min Scan# 468
 Delta R.T. -0.00 min
 Lab File: BF092115.D
 Acq: 6 Jan 2017 14:24

Tgt Ion: 77 Resp: 592794
 Ion Ratio Lower Upper
 77 100
 123 49.5 33.0 49.4#
 65 12.8 11.2 16.8



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





#25

Isophorone

Concen: 42.34 ng

RT: 7.48 min Scan# 489

Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

Instrument :

BNA_F

ClientSampleId :

PB95798BS

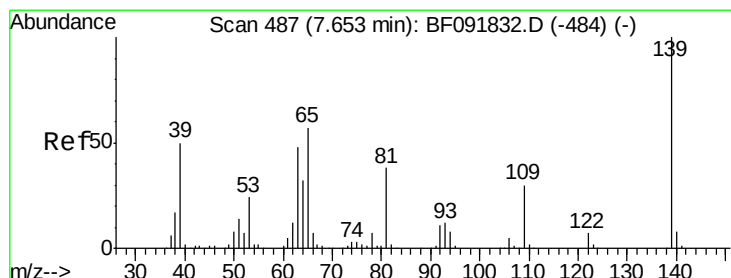
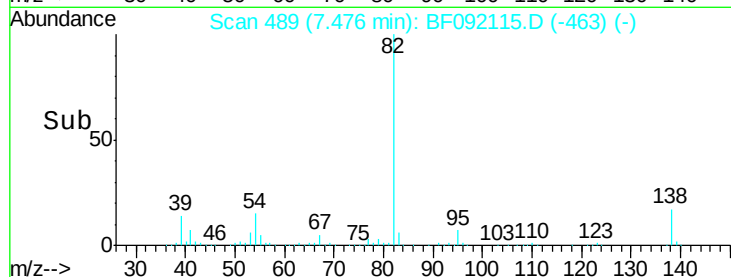
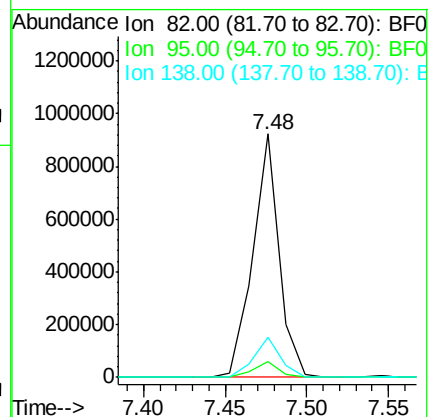
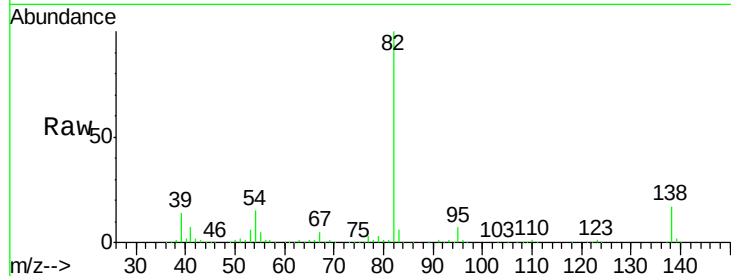
Tgt Ion: 82 Resp: 1025727

Ion Ratio Lower Upper

82 100

95 6.7 5.6 8.4

138 16.7 14.6 22.0



#26

2-Nitrophenol

Concen: 40.53 ng

RT: 7.56 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

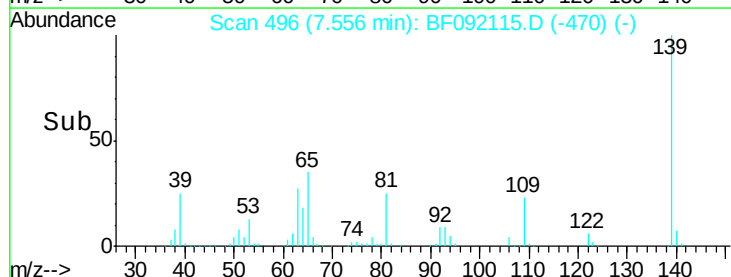
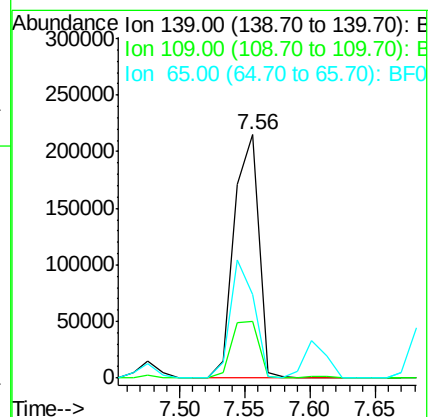
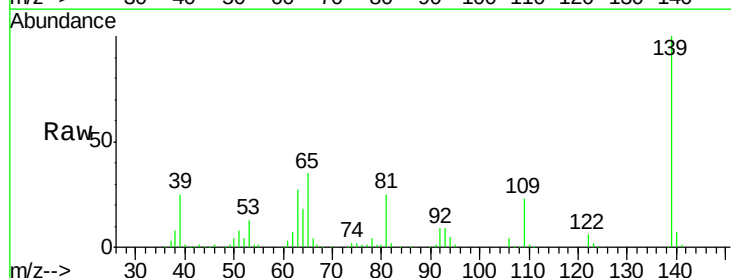
Tgt Ion: 139 Resp: 279500

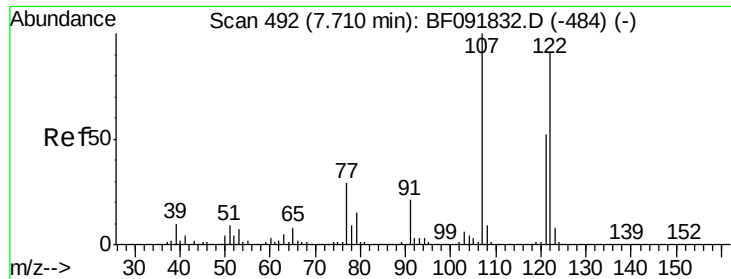
Ion Ratio Lower Upper

139 100

109 23.2 23.3 34.9#

65 34.5 42.7 64.1#





#27

2,4-Dimethylphenol

Concen: 39.67 ng

RT: 7.61 min Scan# 501

Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

Instrument :

BNA_F

ClientSampleId :

PB95798BS

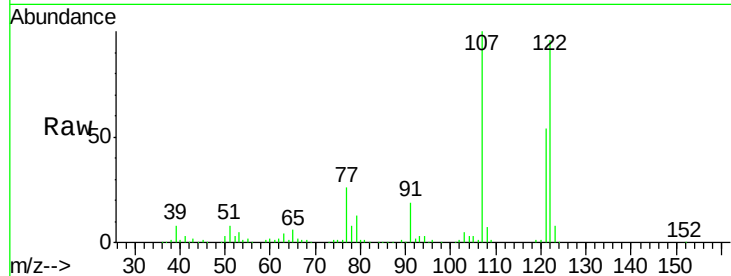
Tgt Ion:122 Resp: 453771

Ion Ratio Lower Upper

122 100

107 104.7 94.1 141.1

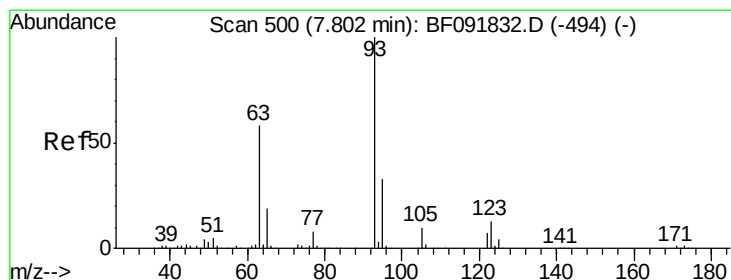
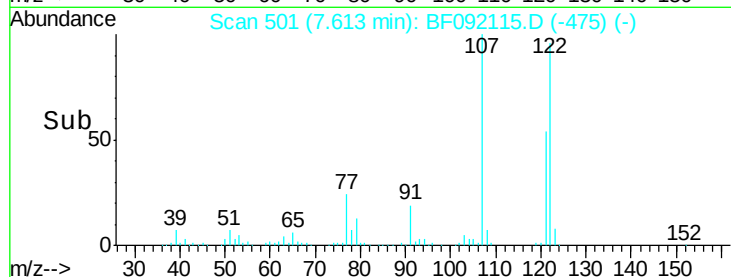
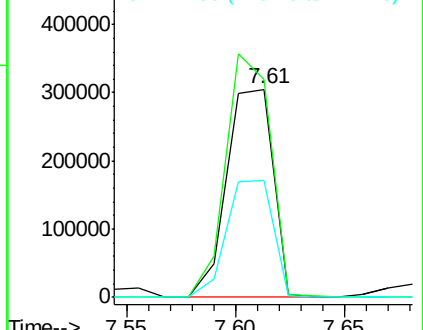
121 56.2 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.20 ng

RT: 7.69 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

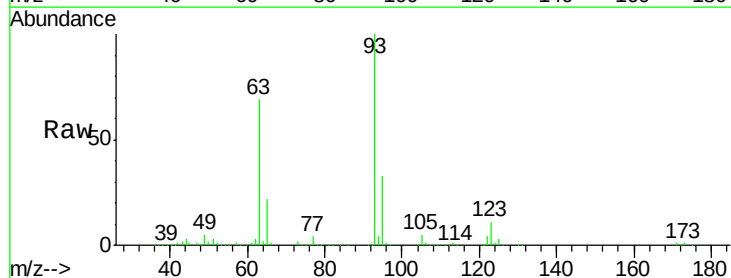
Tgt Ion: 93 Resp: 634619

Ion Ratio Lower Upper

93 100

95 32.9 26.5 39.7

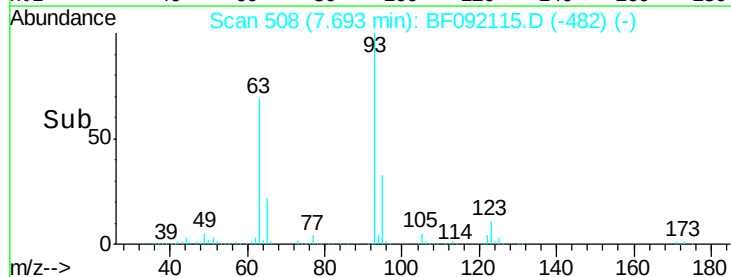
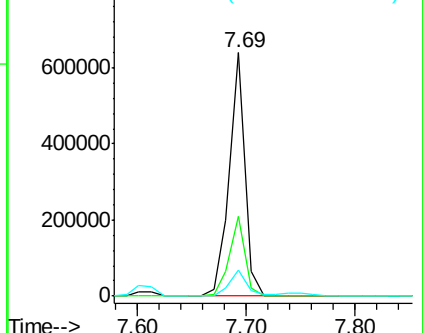
123 10.6 8.6 13.0

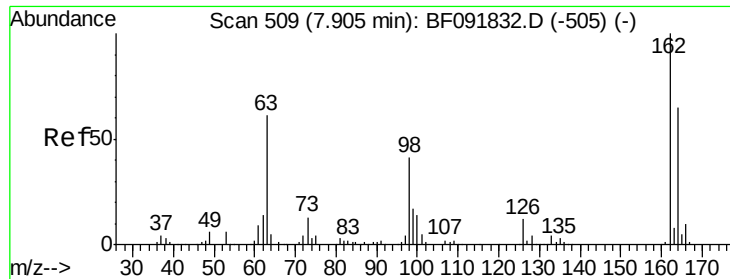


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

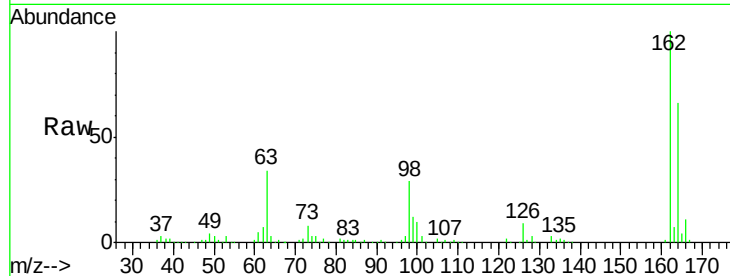




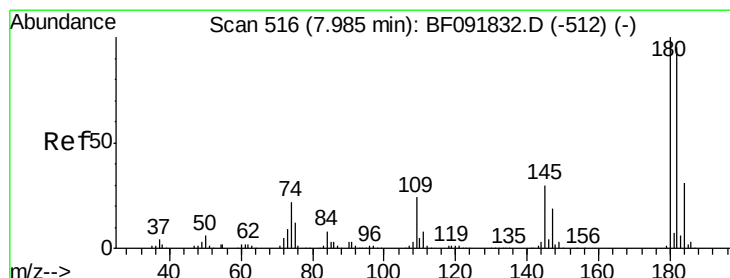
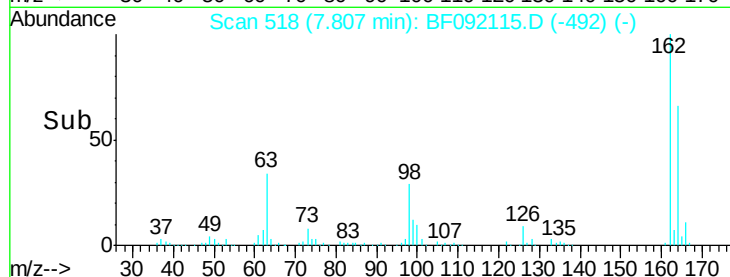
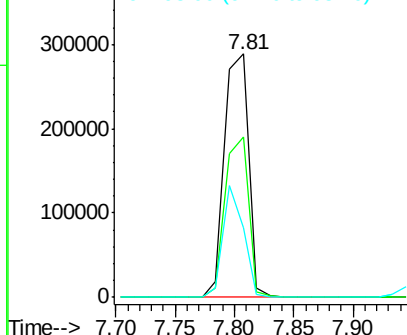
#29
2,4-Dichlorophenol
Concen: 41.98 ng
RT: 7.81 min Scan# 518
Delta R.T. -0.00 min
Lab File: BF092115.D
Acq: 6 Jan 2017 14:24

Instrument :
BNA_F
ClientSampleId :
PB95798BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.0	46.8	86.8
98	28.6	9.1	49.1

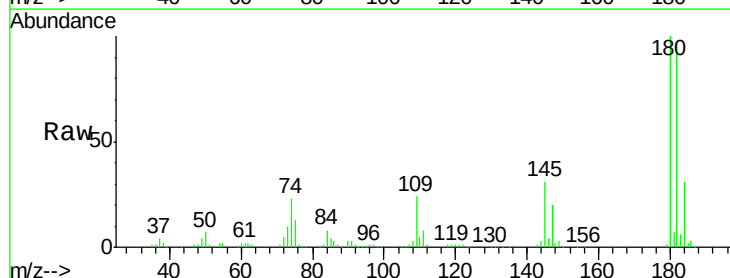


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

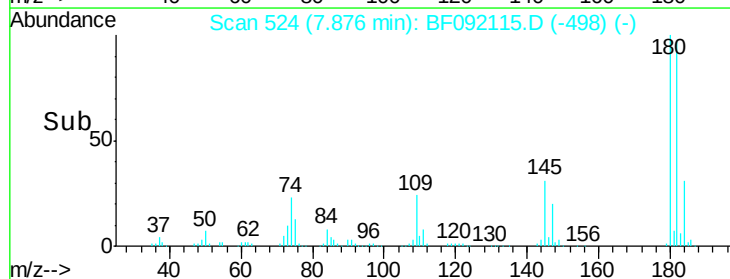
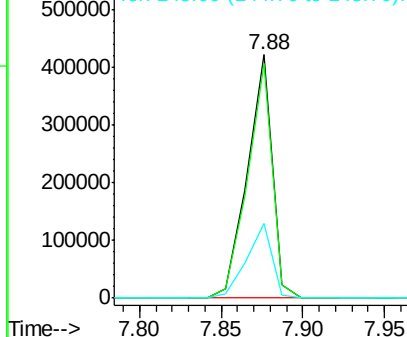


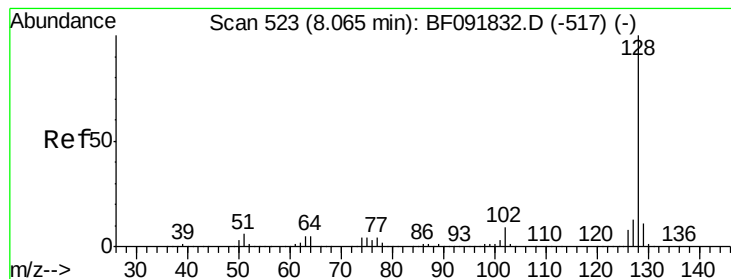
#30
1,2,4-Trichlorobenzene
Concen: 41.93 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF092115.D
Acq: 6 Jan 2017 14:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	78.2	117.4
145	30.8	21.6	32.4



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





#31

Naphthalene

Concen: 43.27 ng

RT: 7.96 min Scan# 531

Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

Instrument :

BNA_F

ClientSampleId :

PB95798BS

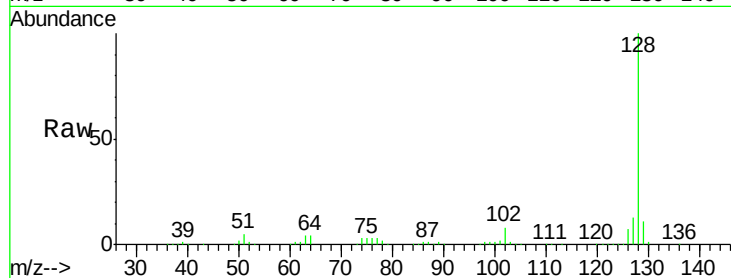
Tgt Ion:128 Resp: 1445938

Ion Ratio Lower Upper

128 100

129 10.8 9.5 14.3

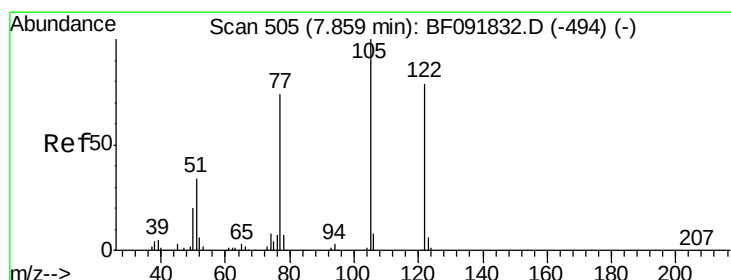
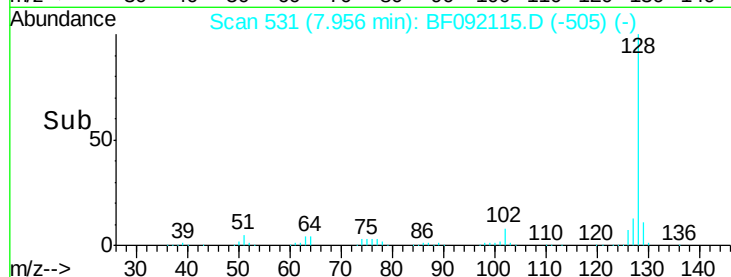
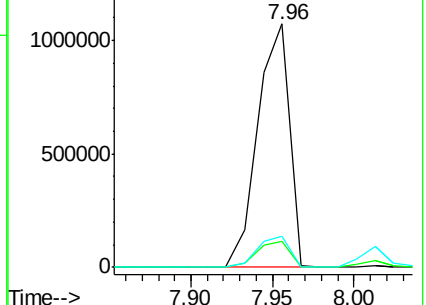
127 13.0 10.8 16.2



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: 40.93 ng

RT: 7.75 min Scan# 513

Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

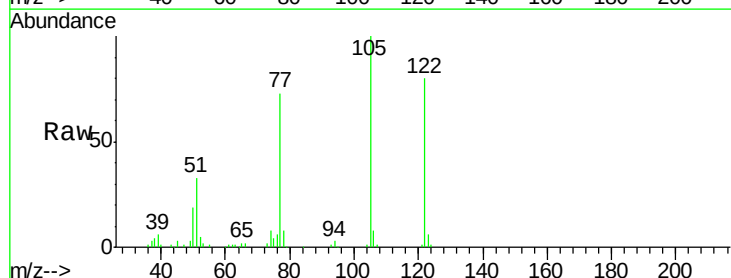
Tgt Ion:122 Resp: 347230

Ion Ratio Lower Upper

122 100

105 125.1 107.2 147.2

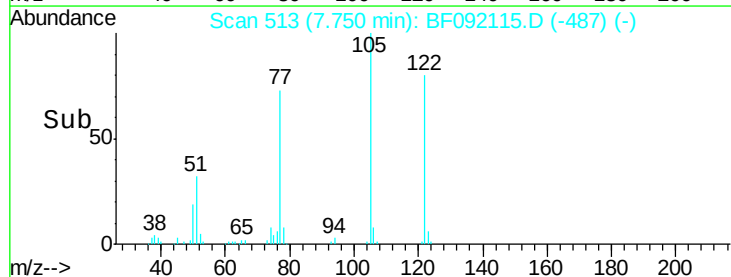
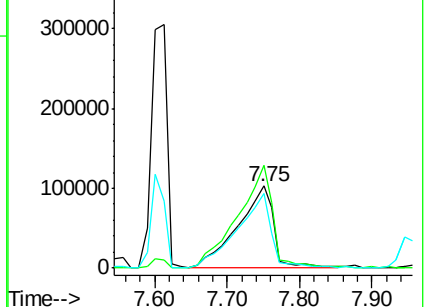
77 91.8 74.5 114.5

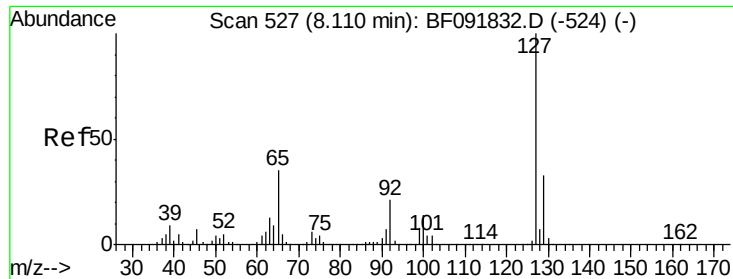


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

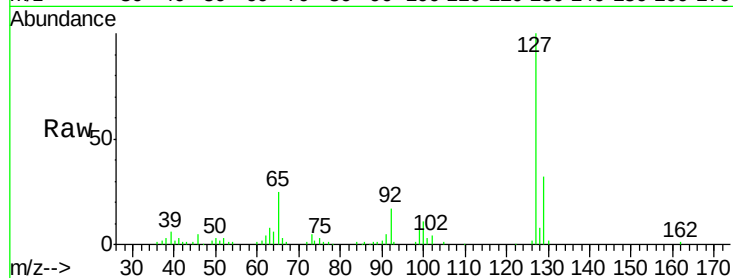




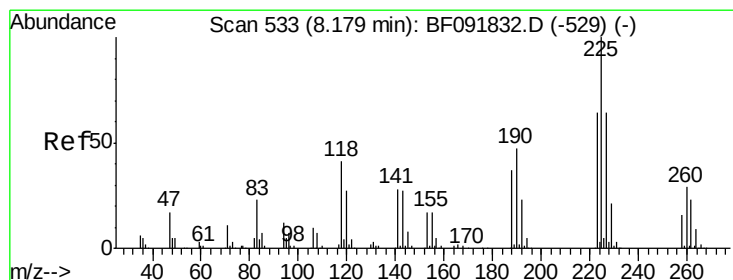
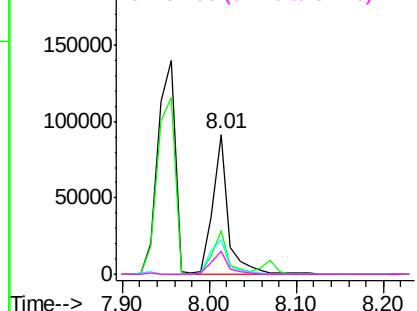
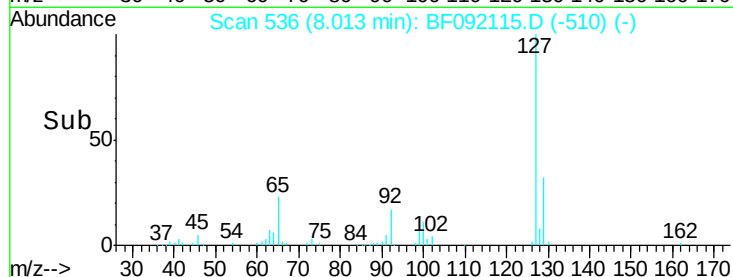
#33
4-Chloroaniline
Concen: 7.69 ng
RT: 8.01 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF092115.D
Acq: 6 Jan 2017 14:24

Instrument :
BNA_F
ClientSampleId :
PB95798BS

Tgt Ion:	127	Resp:	115894
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.3	39.5
65	25.0	25.8	38.8#
92	16.9	16.1	24.1

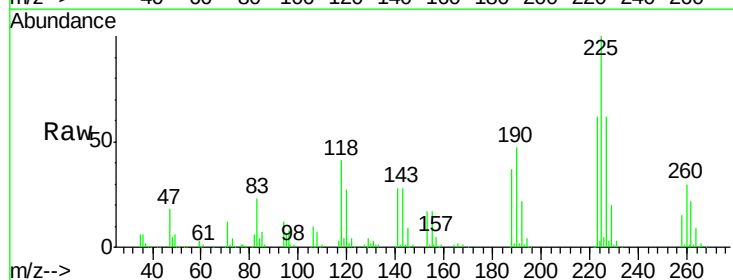


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

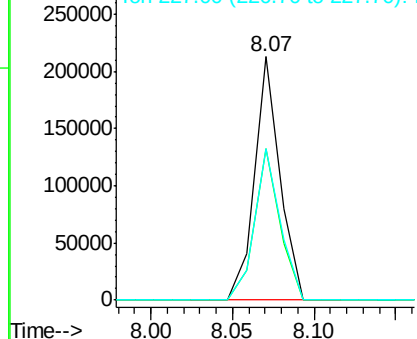
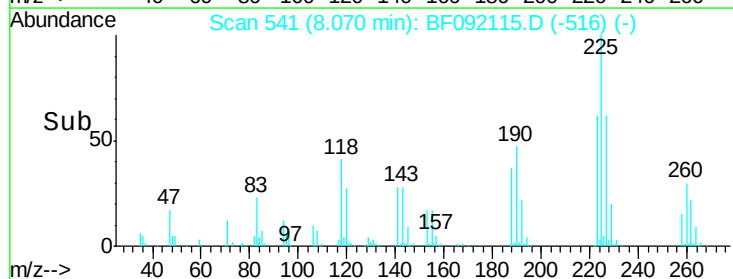


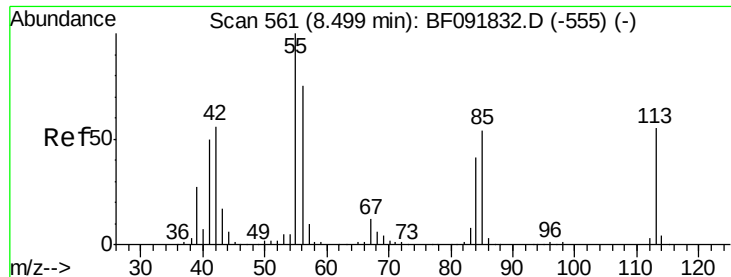
#34
Hexachlorobutadiene
Concen: 40.96 ng
RT: 8.07 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF092115.D
Acq: 6 Jan 2017 14:24

Tgt Ion:	225	Resp:	229507
Ion	Ratio	Lower	Upper
225	100		
223	62.3	51.0	76.6
227	62.0	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

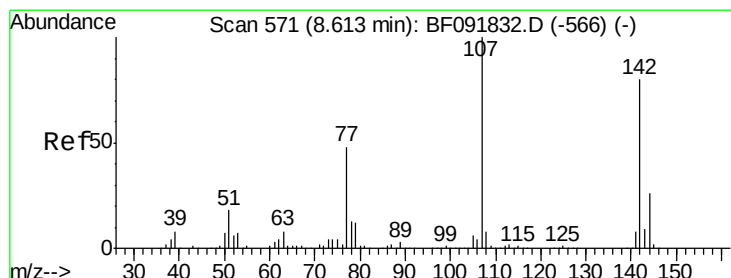
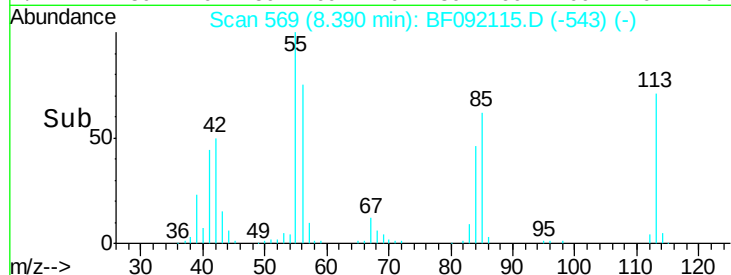
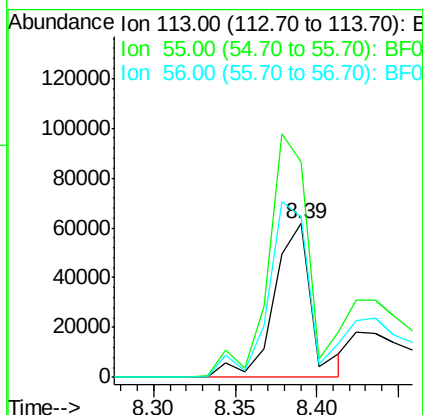
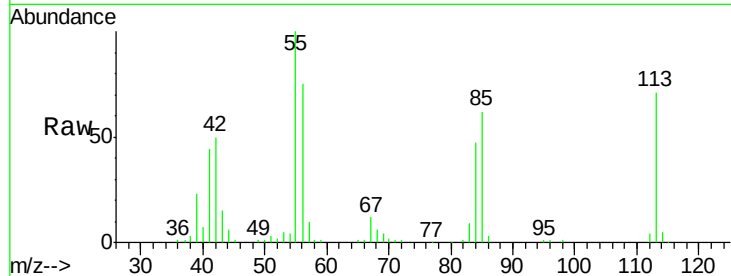




#35
 Caprolactam
 Concen: 31.13 ng
 RT: 8.39 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: BF092115.D
 Acq: 6 Jan 2017 14:24

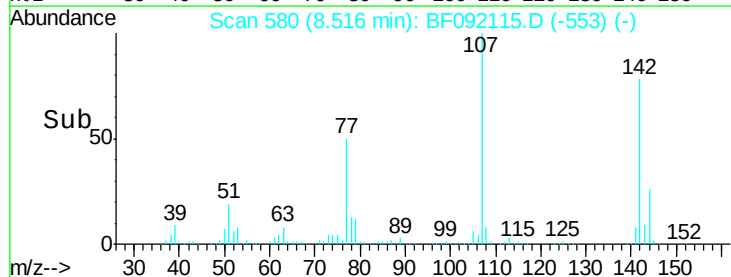
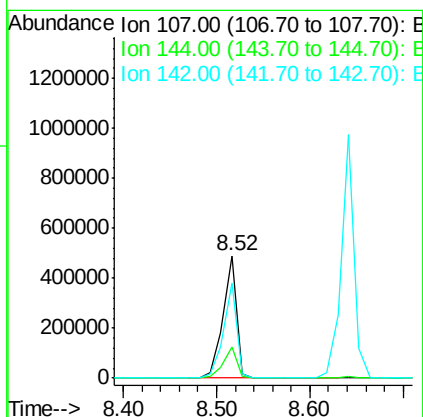
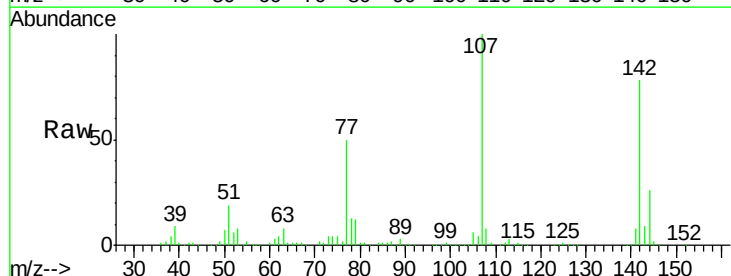
Instrument :
 BNA_F
 ClientSampled :
 PB95798BS

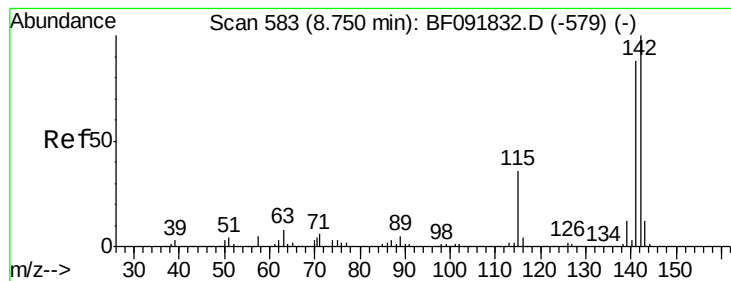
Tgt Ion:113 Resp: 99076
 Ion Ratio Lower Upper
 113 100
 55 140.0 119.2 159.2
 56 104.5 83.8 123.8



#36
 4-Chloro-3-methylphenol
 Concen: 44.24 ng
 RT: 8.52 min Scan# 580
 Delta R.T. 0.01 min
 Lab File: BF092115.D
 Acq: 6 Jan 2017 14:24

Tgt Ion:107 Resp: 493091
 Ion Ratio Lower Upper
 107 100
 144 25.8 19.3 28.9
 142 77.7 59.0 88.6





#37

2-Methylnaphthalene

Concen: 47.04 ng

RT: 8.64 min Scan# 591

Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

Instrument :

BNA_F

ClientSampleId :

PB95798BS

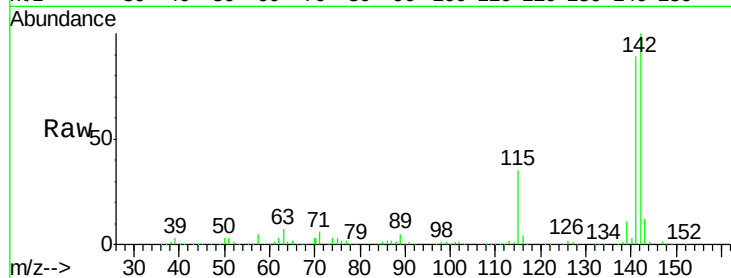
Tgt Ion:142 Resp: 937078

Ion Ratio Lower Upper

142 100

141 88.6 71.0 106.6

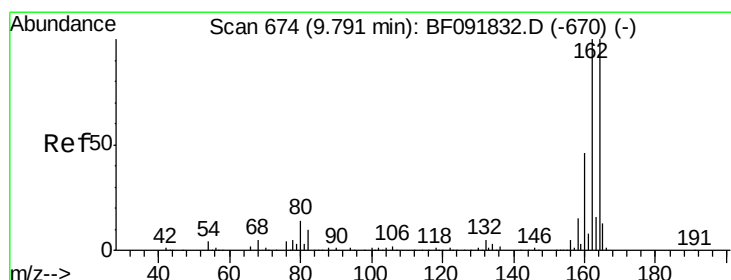
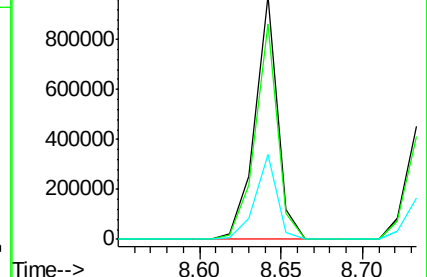
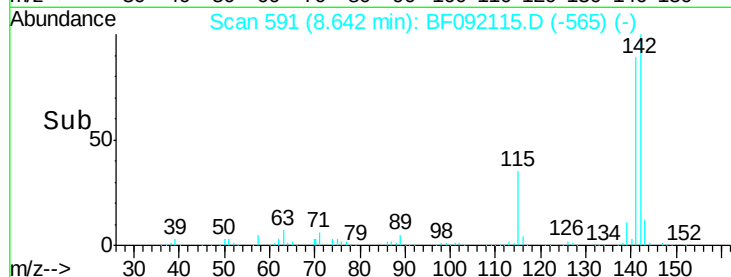
115 34.8 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.68 min Scan# 682

Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

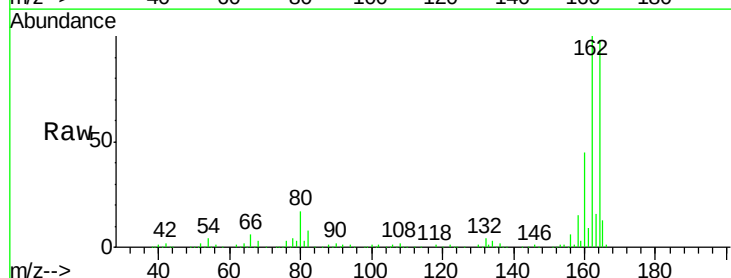
Tgt Ion:164 Resp: 400775

Ion Ratio Lower Upper

164 100

162 102.1 80.2 120.2

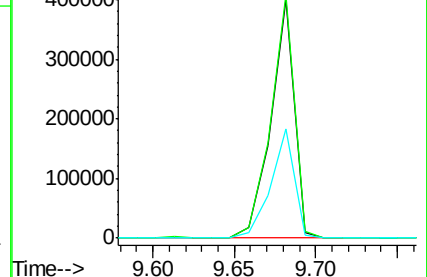
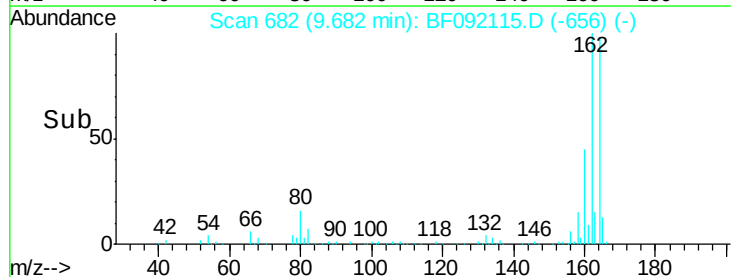
160 46.0 36.9 55.3

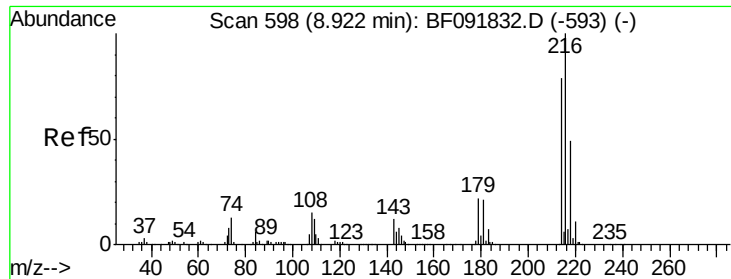


Abundance Ion 164.00 (163.70 to 164.70): E

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: 41.71 ng

RT: 8.81 min Scan# 606

Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

Instrument :

BNA_F

ClientSampleId :

PB95798BS

Tgt Ion:216 Resp: 422384

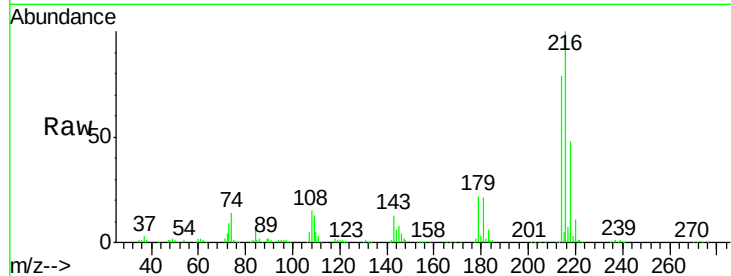
Ion Ratio Lower Upper

216 100

214 79.3 63.4 95.0

179 22.5 17.4 26.2

108 20.9 15.6 23.4

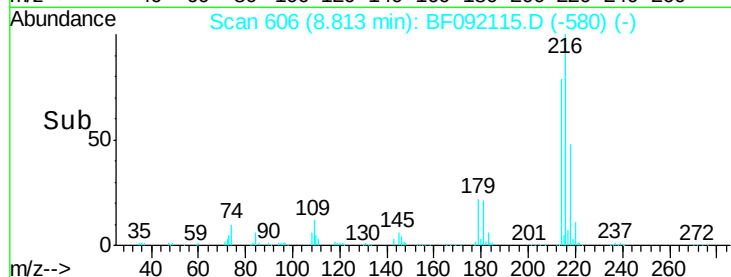


Abundance Ion 216.00 (215.70 to 216.70): E

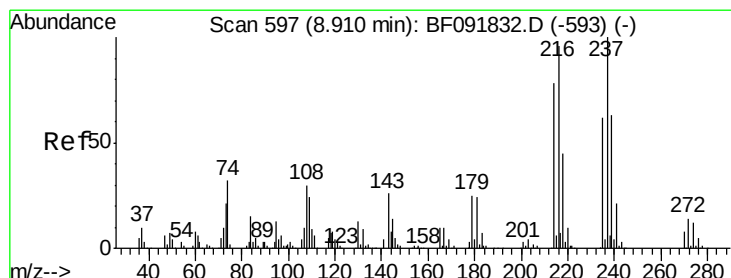
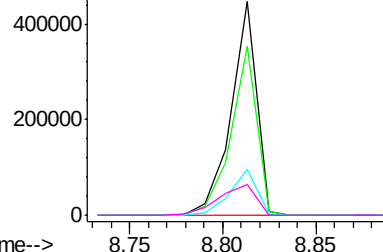
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 85.72 ng

RT: 8.80 min Scan# 605

Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

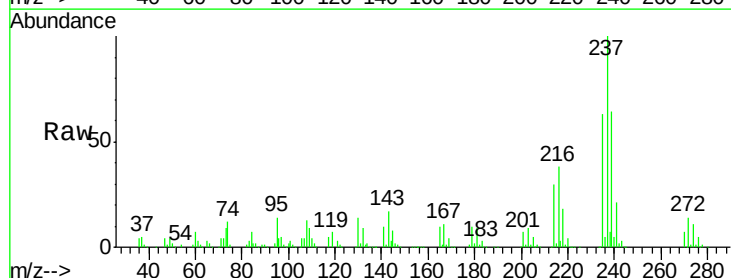
Tgt Ion:237 Resp: 387885

Ion Ratio Lower Upper

237 100

235 62.9 41.2 81.2

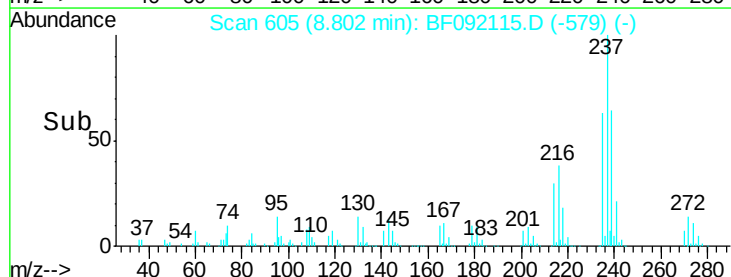
272 14.0 0.0 35.4



Abundance Ion 236.80 (236.50 to 237.50): E

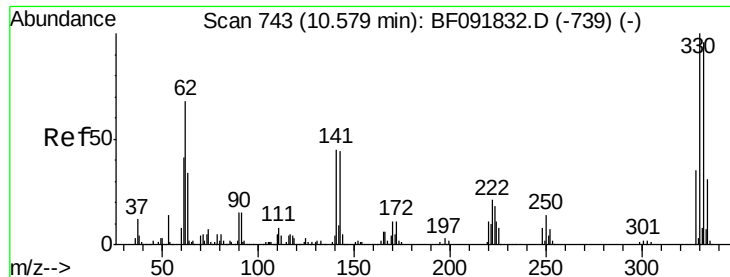
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

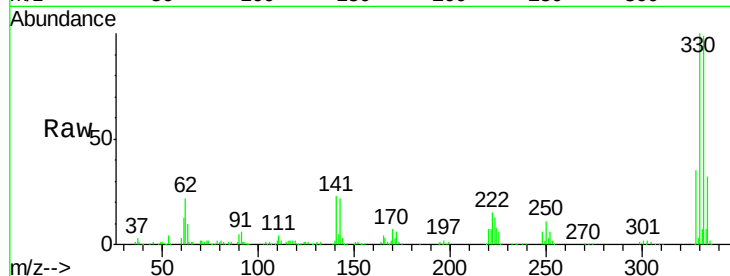




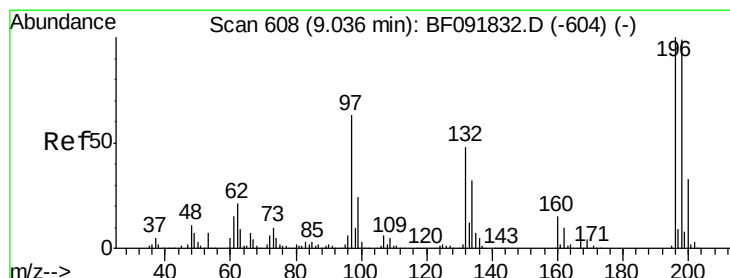
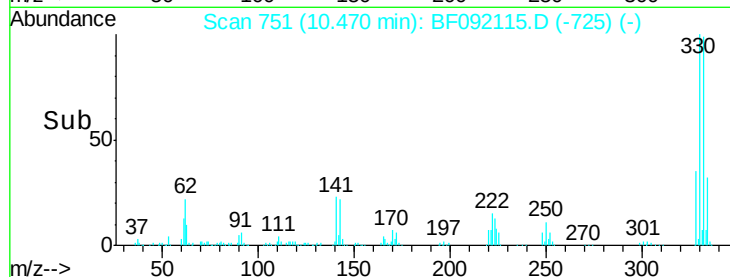
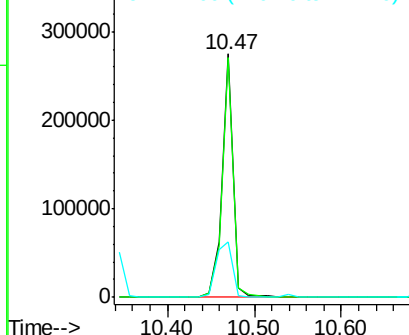
#41
 2,4,6-Tribromophenol
 Concen: 74.94 ng
 RT: 10.47 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF092115.D
 Acq: 6 Jan 2017 14:24

Instrument :
 BNA_F
 ClientSampleId :
 PB95798BS

Tgt Ion:330 Resp: 248559
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.4 116.2
 141 34.2 34.1 51.1

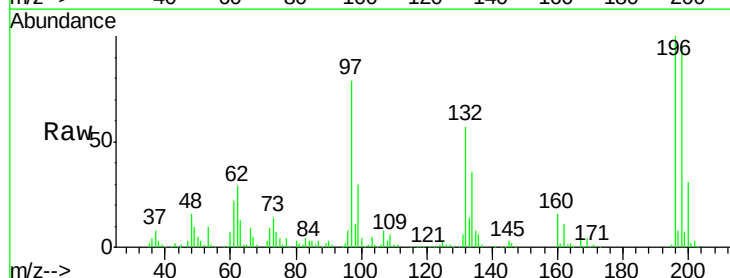


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

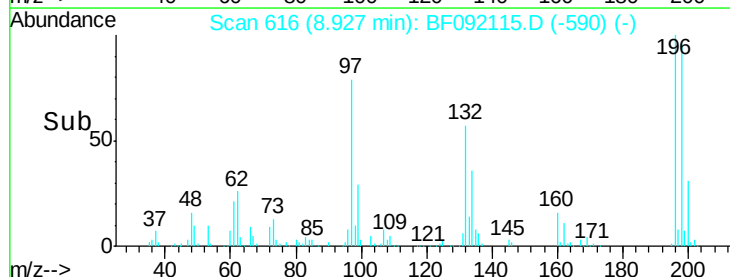
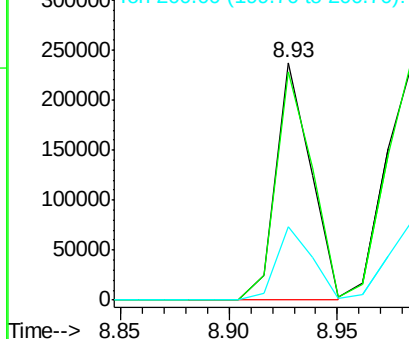


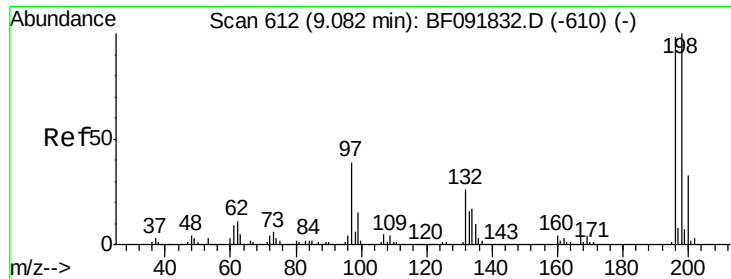
#42
 2,4,6-Trichlorophenol
 Concen: 37.84 ng
 RT: 8.93 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF092115.D
 Acq: 6 Jan 2017 14:24

Tgt Ion:196 Resp: 267950
 Ion Ratio Lower Upper
 196 100
 198 96.4 82.1 123.1
 200 31.0 27.0 40.4



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

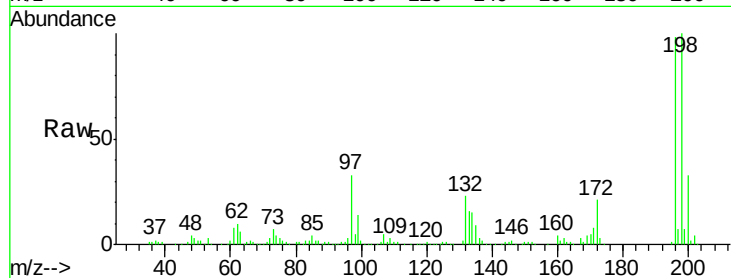




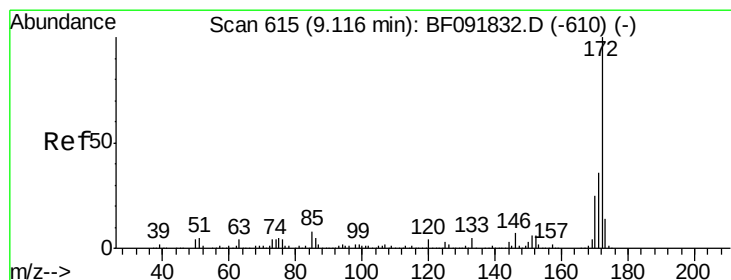
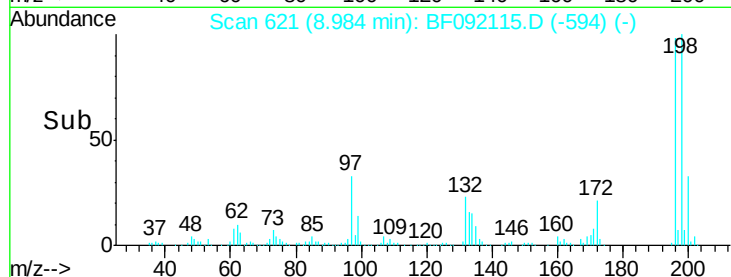
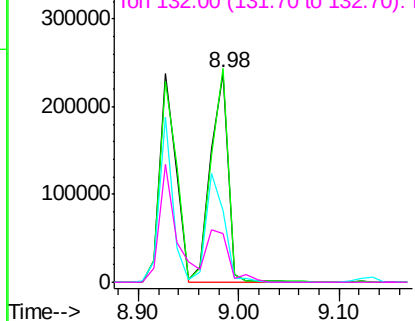
#43
 2,4,5-Trichlorophenol
 Concen: 39.55 ng
 RT: 8.98 min Scan# 621
 Delta R.T. 0.01 min
 Lab File: BF092115.D
 Acq: 6 Jan 2017 14:24

Instrument :
 BNA_F
 ClientSampleId :
 PB95798BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	102.3	79.4	119.2
97	34.1	51.5	77.3#
132	23.6	27.4	41.2#

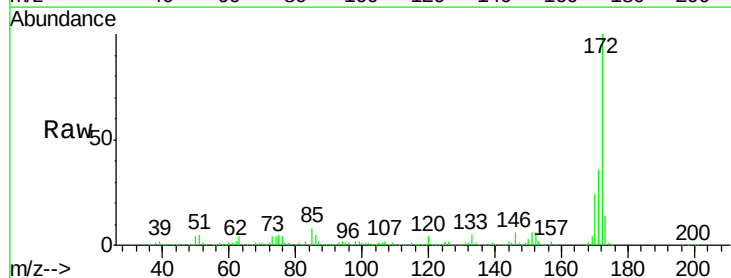


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

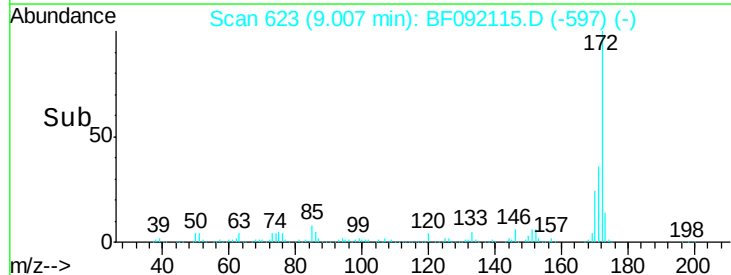
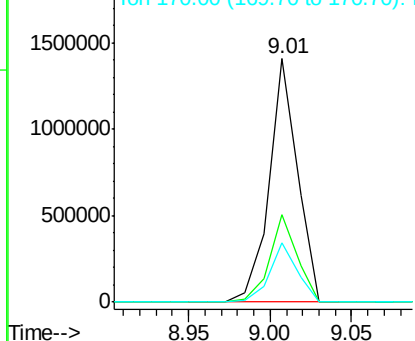


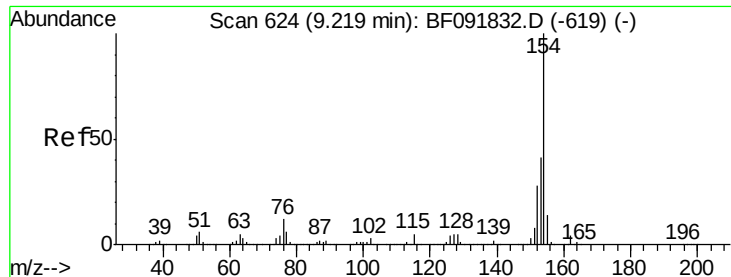
#44
 2-Fluorobiphenyl
 Concen: 86.90 ng
 RT: 9.01 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF092115.D
 Acq: 6 Jan 2017 14:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	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

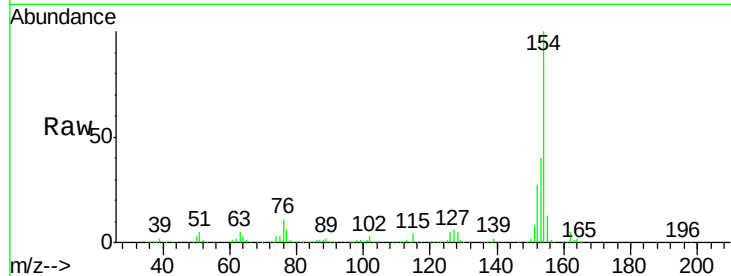




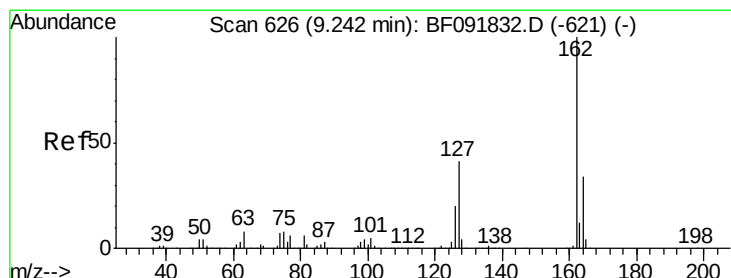
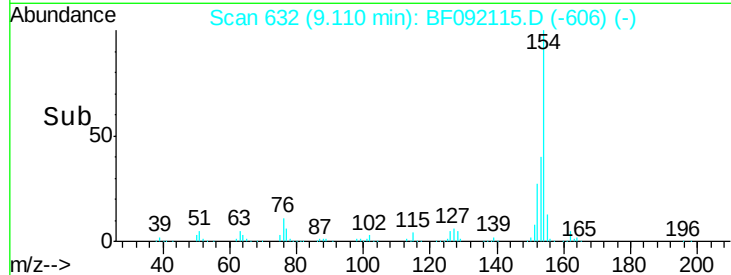
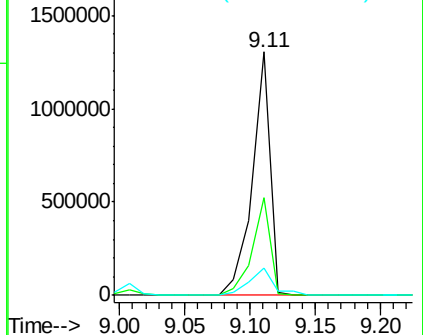
#45
 1,1'-Biphenyl
 Concen: 45.21 ng
 RT: 9.11 min Scan# 632
 Delta R.T. -0.00 min
 Lab File: BF092115.D
 Acq: 6 Jan 2017 14:24

Instrument :
 BNA_F
 ClientSampleId :
 PB95798BS

Tgt Ion:154 Resp: 1240562
 Ion Ratio Lower Upper
 154 100
 153 40.1 20.9 60.9
 76 11.4 0.0 30.5

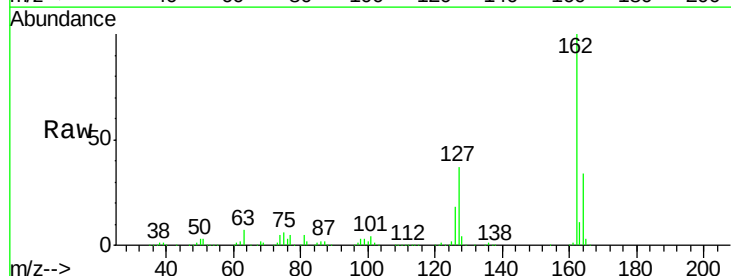


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

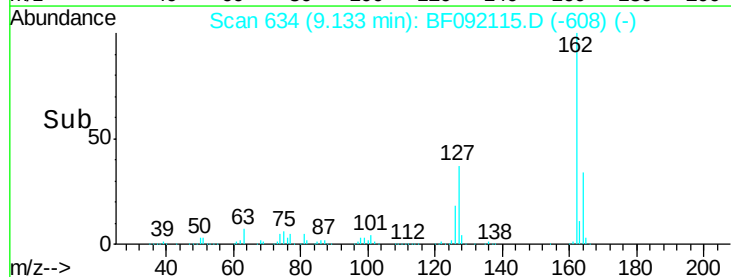
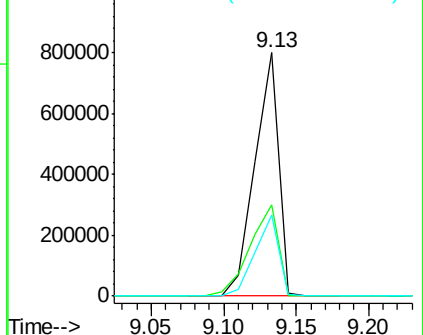


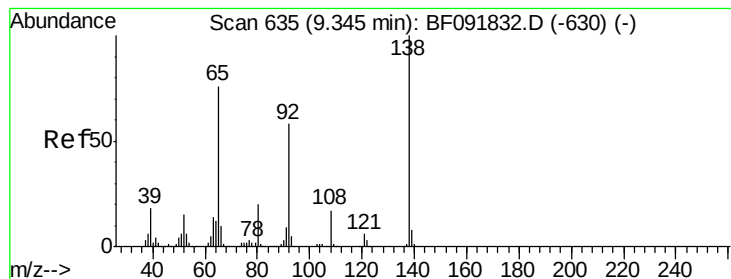
#46
 2-Chloronaphthalene
 Concen: 41.95 ng
 RT: 9.13 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF092115.D
 Acq: 6 Jan 2017 14:24

Tgt Ion:162 Resp: 911682
 Ion Ratio Lower Upper
 162 100
 127 37.3 30.7 46.1
 164 33.5 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: 41.18 ng

RT: 9.24 min Scan# 643

Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

Instrument :

BNA_F

ClientSampleId :

PB95798BS

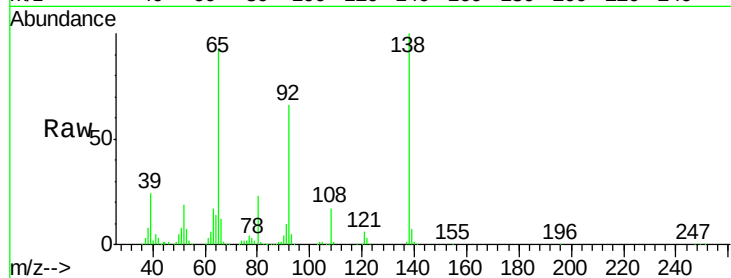
Tgt Ion: 65 Resp: 318616

Ion Ratio Lower Upper

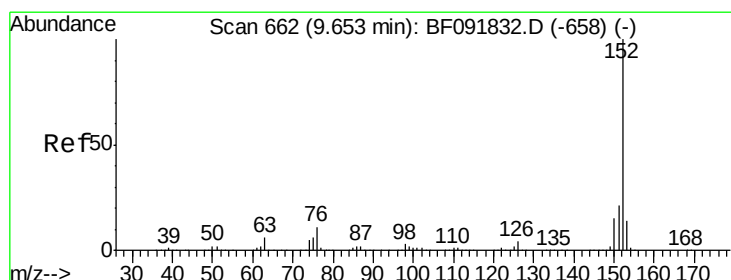
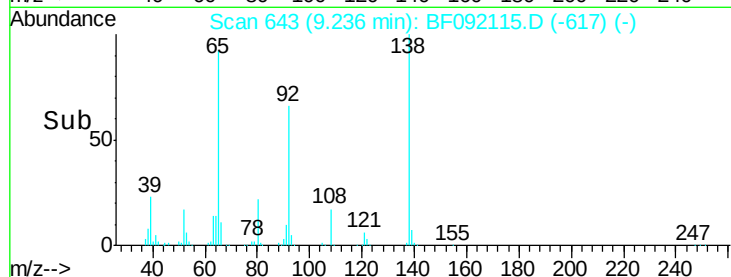
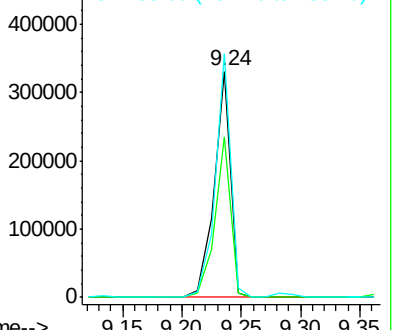
65 100

92 70.7 53.9 80.9

138 107.6 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): BF0



#48

Acenaphthylene

Concen: 42.68 ng

RT: 9.54 min Scan# 670

Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

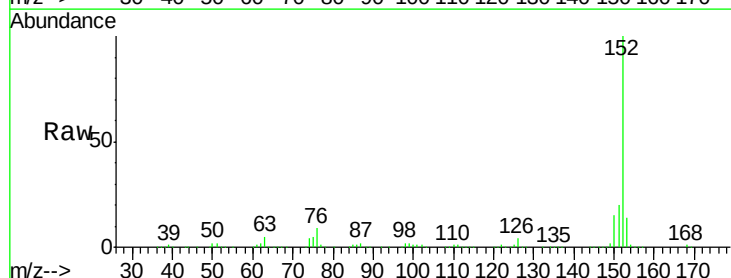
Tgt Ion: 152 Resp: 1426367

Ion Ratio Lower Upper

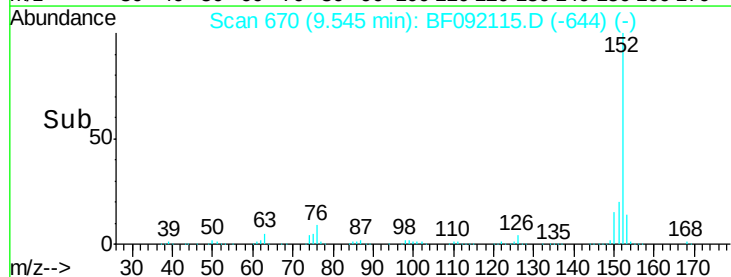
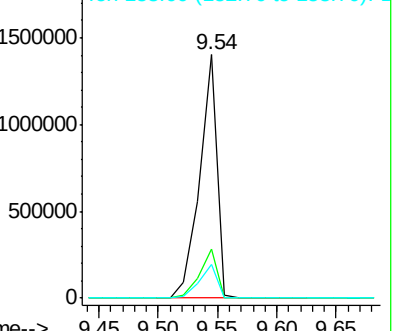
152 100

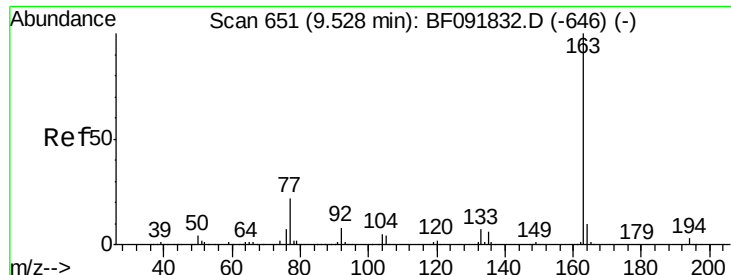
151 20.3 16.9 25.3

153 13.9 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: 39.82 ng

RT: 9.42 min Scan# 659

Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

Instrument :

BNA_F

ClientSampleId :

PB95798BS

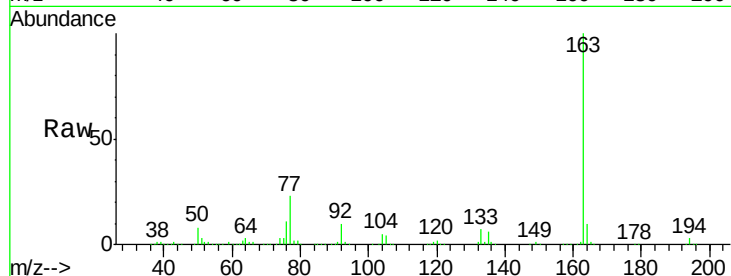
Tgt Ion:163 Resp: 1020651

Ion Ratio Lower Upper

163 100

194 3.2 3.0 4.4

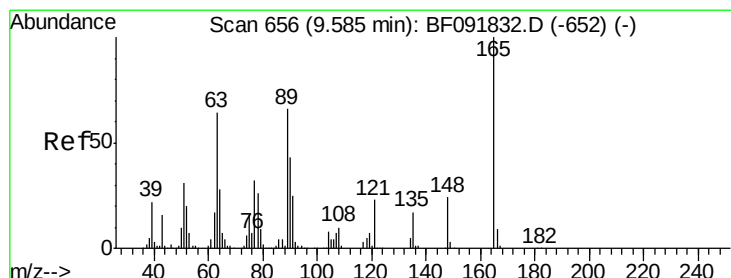
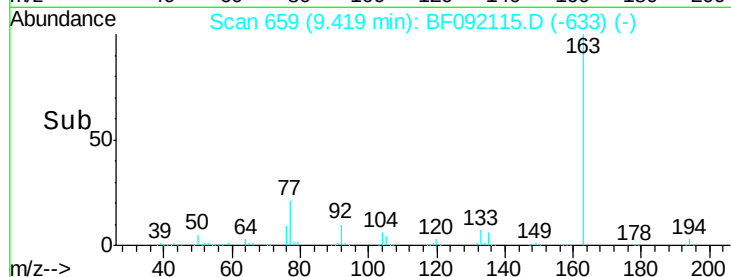
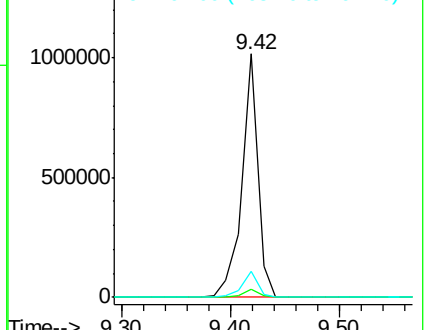
164 10.4 8.0 12.0



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: 38.00 ng

RT: 9.48 min Scan# 664

Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

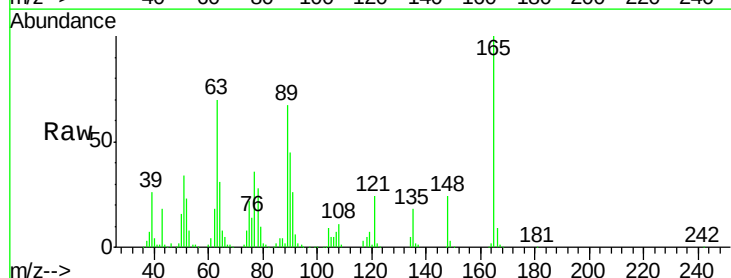
Tgt Ion:165 Resp: 213183

Ion Ratio Lower Upper

165 100

63 69.8 36.2 54.4#

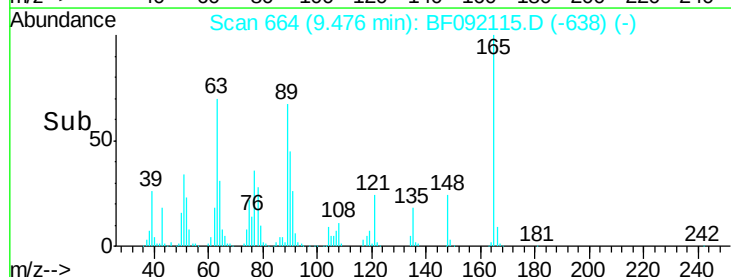
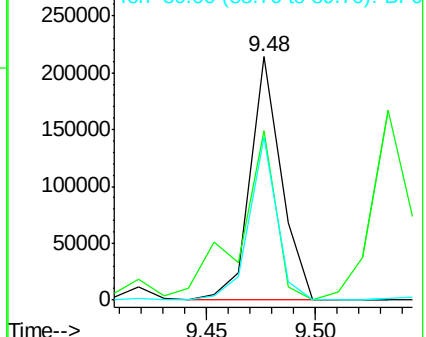
89 66.8 40.2 60.4#

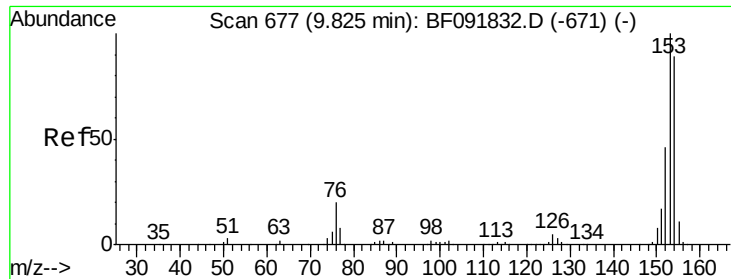


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

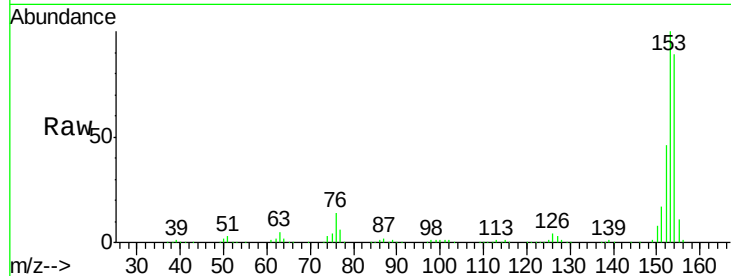




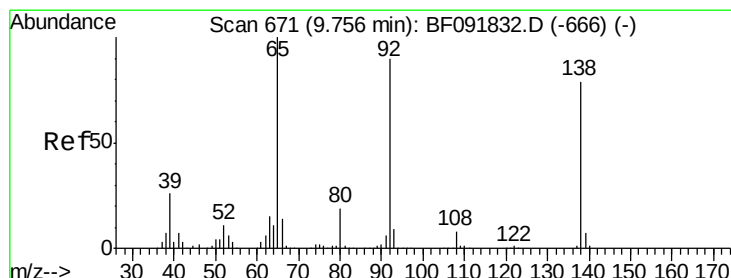
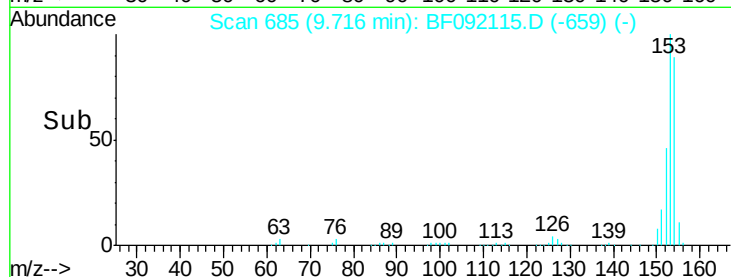
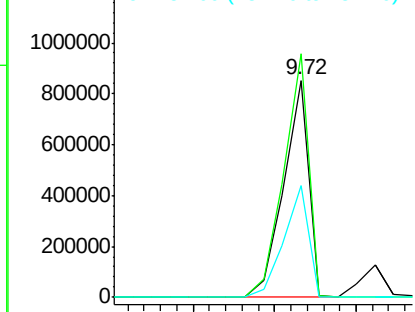
#51
Acenaphthene
Concen: 40.20 ng
RT: 9.72 min Scan# 685
Delta R.T. -0.00 min
Lab File: BF092115.D
Acq: 6 Jan 2017 14:24

Instrument :
BNA_F
ClientSampleId :
PB95798BS

Tgt Ion:154 Resp: 910818
Ion Ratio Lower Upper
154 100
153 112.3 88.6 133.0
152 51.5 41.6 62.4

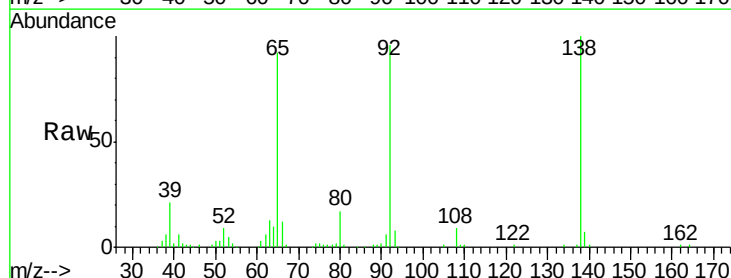


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

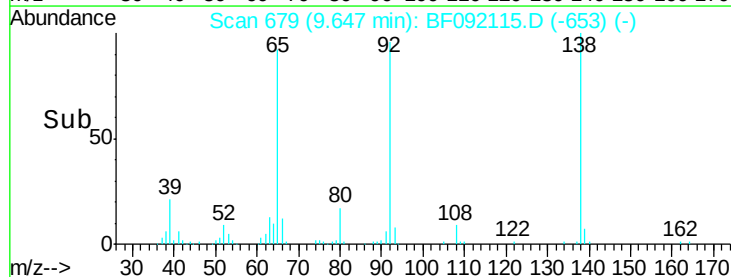
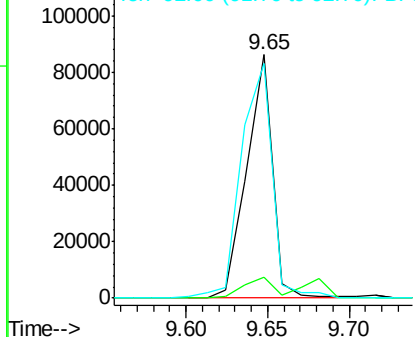


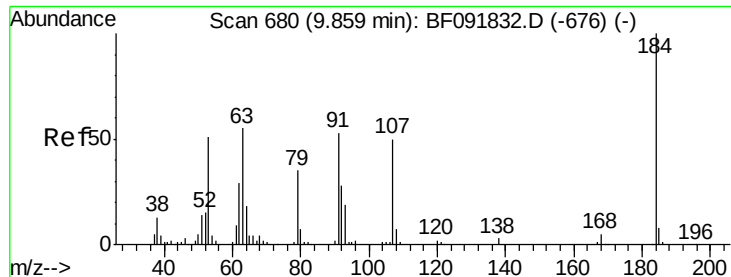
#52
3-Nitroaniline
Concen: 13.65 ng
RT: 9.65 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF092115.D
Acq: 6 Jan 2017 14:24

Tgt Ion:138 Resp: 94756
Ion Ratio Lower Upper
138 100
108 8.8 8.5 12.7
92 96.4 97.8 146.8#



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

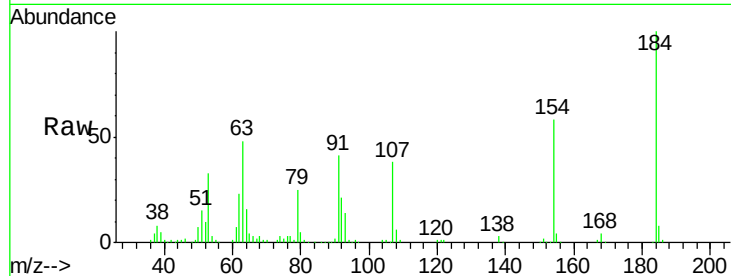




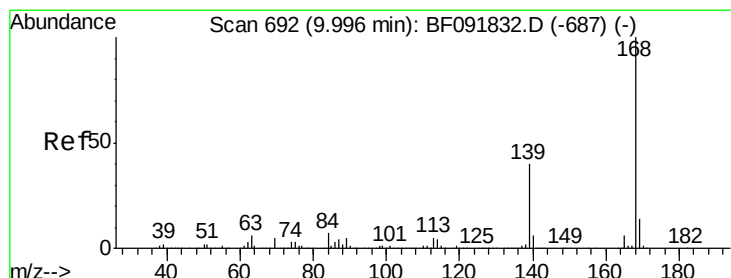
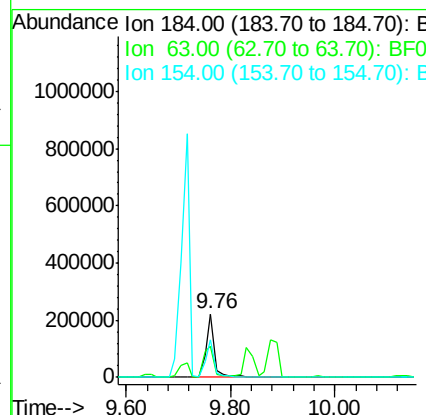
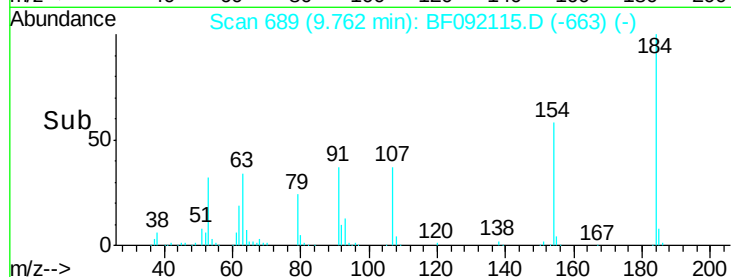
#53
2,4-Dinitrophenol
Concen: 82.43 ng
RT: 9.76 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF092115.D
Acq: 6 Jan 2017 14:24

Instrument :
BNA_F
ClientSampleId :
PB95798BS

Tgt Ion:184 Resp: 257316
Ion Ratio Lower Upper
184 100
63 48.3 28.4 42.6#
154 58.3 44.3 66.5

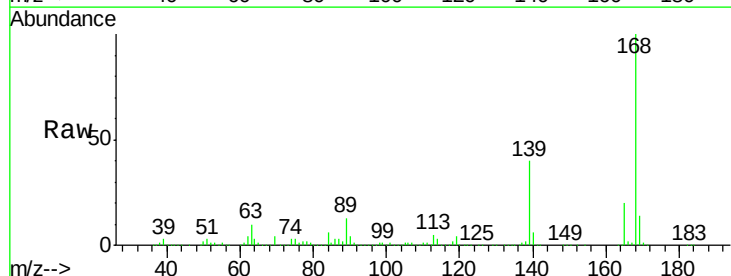


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

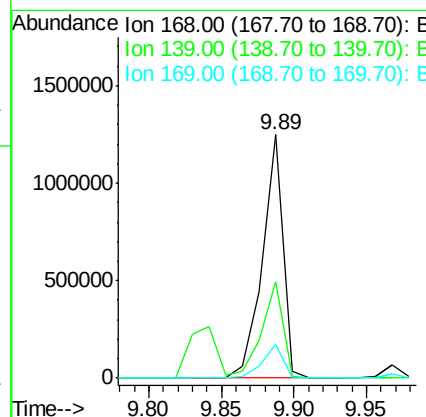
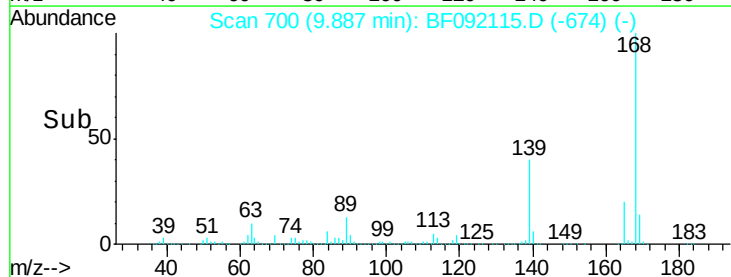


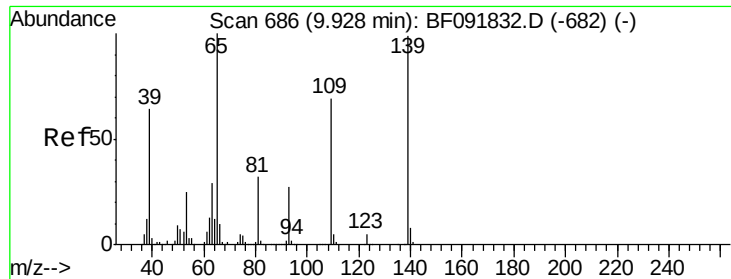
#54
Dibenzofuran
Concen: 40.02 ng
RT: 9.89 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF092115.D
Acq: 6 Jan 2017 14:24

Tgt Ion:168 Resp: 1224583
Ion Ratio Lower Upper
168 100
139 39.6 32.6 49.0
169 13.6 11.3 16.9



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





#55

4-Nitrophenol

Concen: 74.48 ng

RT: 9.84 min Scan# 696

Delta R.T. 0.01 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

Instrument :

BNA_F

ClientSampleId :

PB95798BS

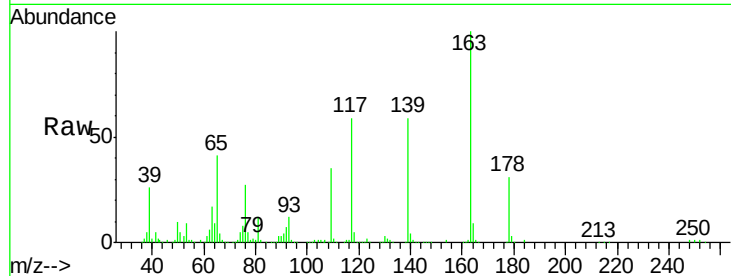
Tgt Ion:139 Resp: 351144

Ion Ratio Lower Upper

139 100

109 59.0 52.2 92.2

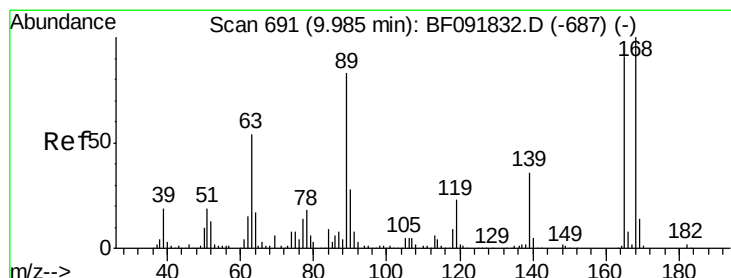
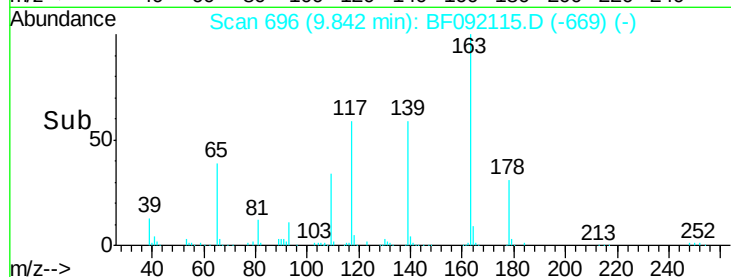
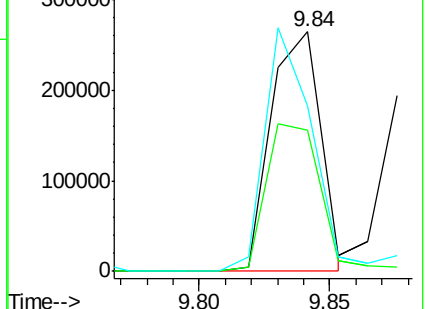
65 69.0 85.8 125.8#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 43.26 ng

RT: 9.89 min Scan# 700

Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

Tgt Ion:165 Resp: 304630

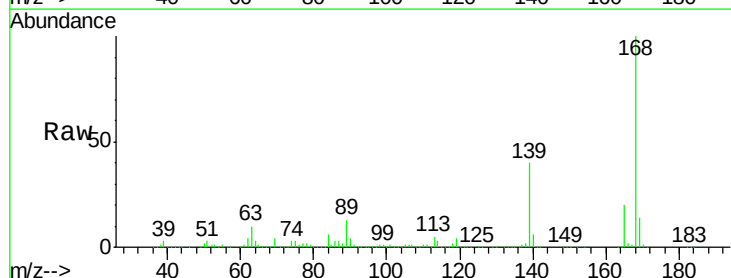
Ion Ratio Lower Upper

165 100

63 50.0 40.2 60.4

89 68.0 62.5 93.7

182 2.1 1.8 2.8

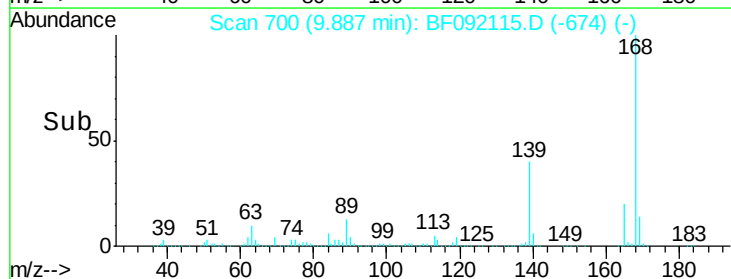
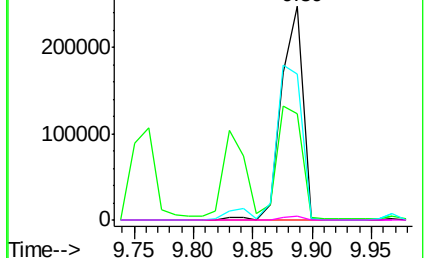


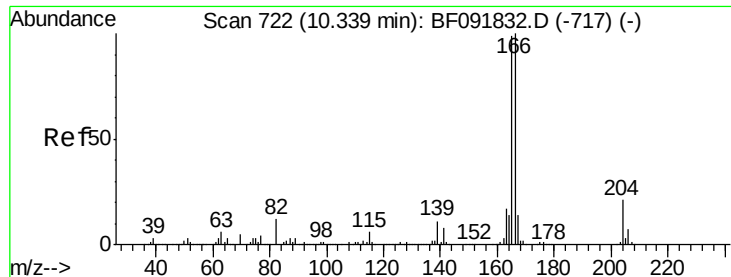
Abundance Ion 165.00 (164.70 to 165.70): E

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

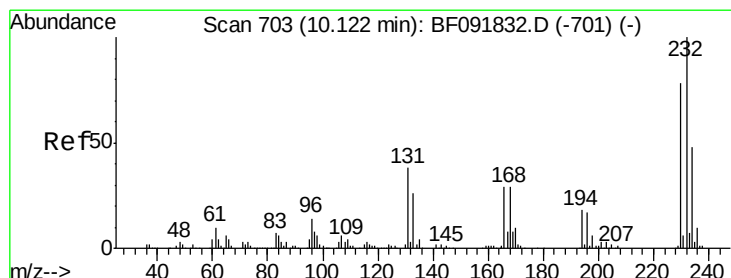
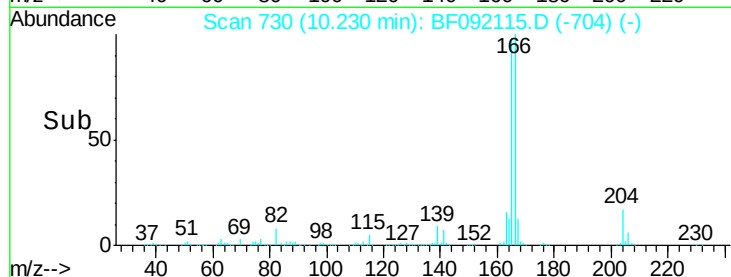
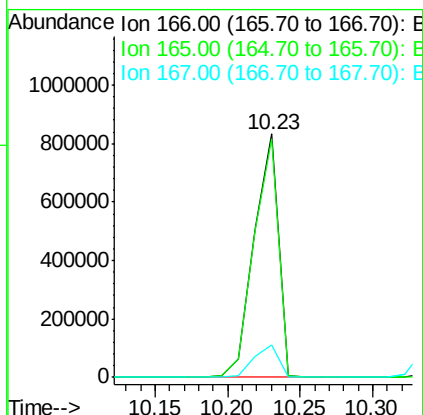
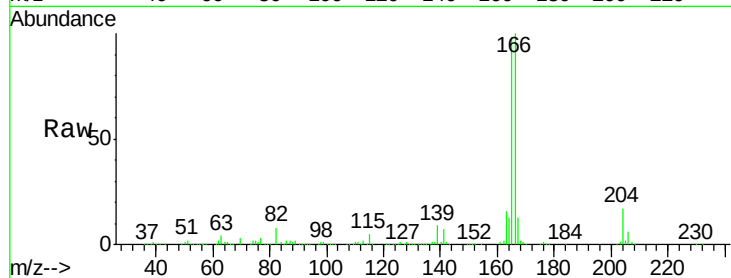




#57
 Fluorene
 Concen: 43.58 ng
 RT: 10.23 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: BF092115.D
 Acq: 6 Jan 2017 14:24

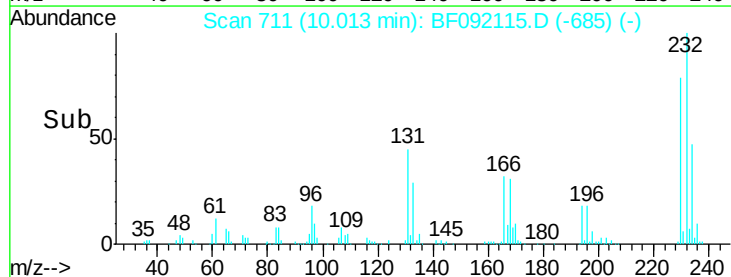
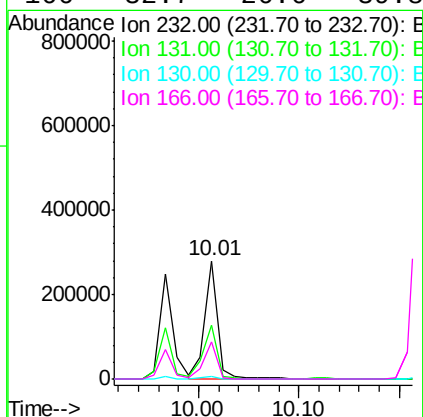
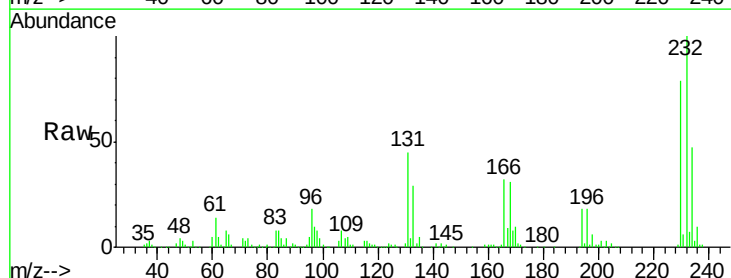
Instrument :
 BNA_F
 ClientSampled :
 PB95798BS

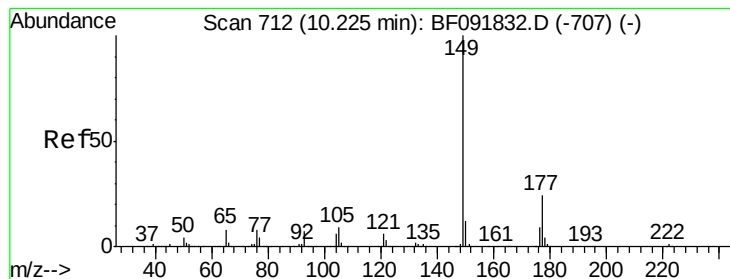
Tgt Ion:166 Resp: 970126
 Ion Ratio Lower Upper
 166 100
 165 98.2 77.8 116.8
 167 13.1 10.8 16.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.51 ng
 RT: 10.01 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: BF092115.D
 Acq: 6 Jan 2017 14:24

Tgt Ion:232 Resp: 250769
 Ion Ratio Lower Upper
 232 100
 131 49.8 40.1 60.1
 130 2.3 1.8 2.8
 166 32.7 26.6 39.8





#59

Diethylphthalate

Concen: 41.81 ng

RT: 10.12 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

Instrument :

BNA_F

ClientSampleId :

PB95798BS

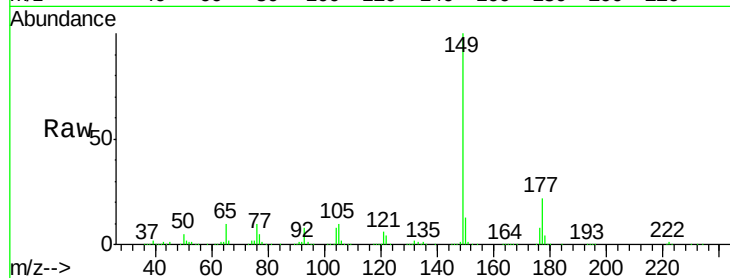
Tgt Ion:149 Resp: 1040895

Ion Ratio Lower Upper

149 100

177 21.6 16.6 25.0

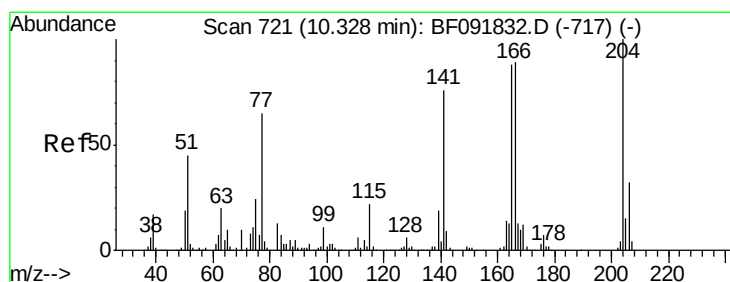
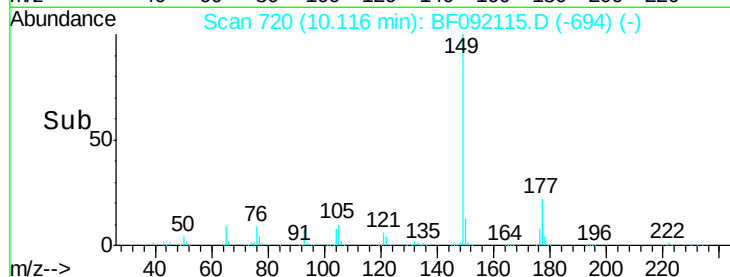
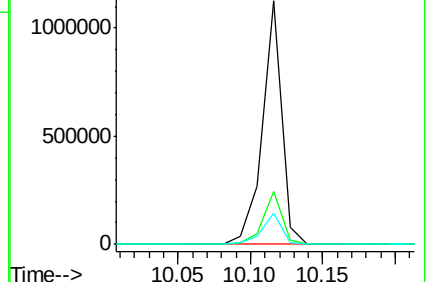
150 12.6 10.4 15.6



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: 40.59 ng

RT: 10.22 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

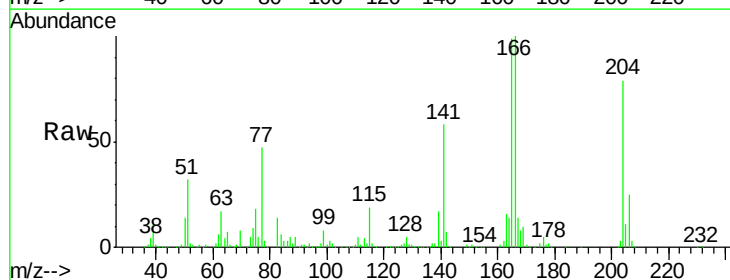
Tgt Ion:204 Resp: 395683

Ion Ratio Lower Upper

204 100

206 32.4 25.8 38.6

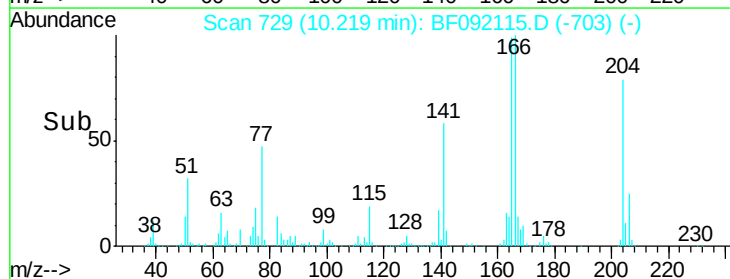
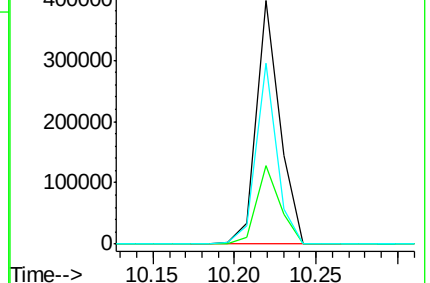
141 74.4 59.4 89.0

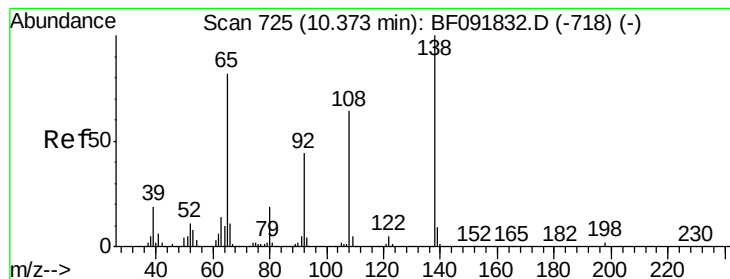


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 37.85 ng

RT: 10.26 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

Instrument :

BNA_F

ClientSampleId :

PB95798BS

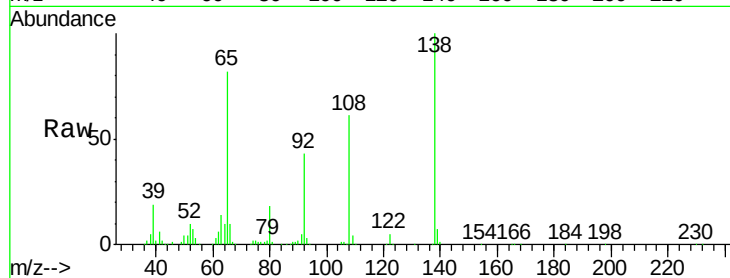
Tgt Ion:138 Resp: 272341

Ion Ratio Lower Upper

138 100

92 42.7 31.7 71.7

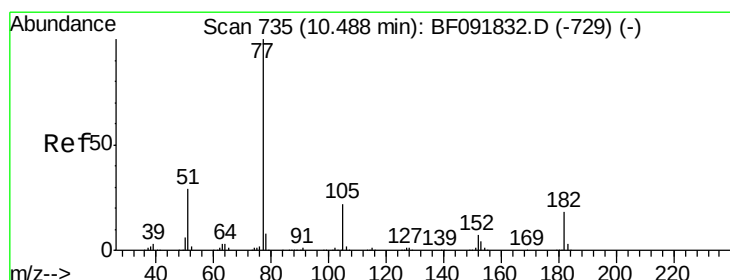
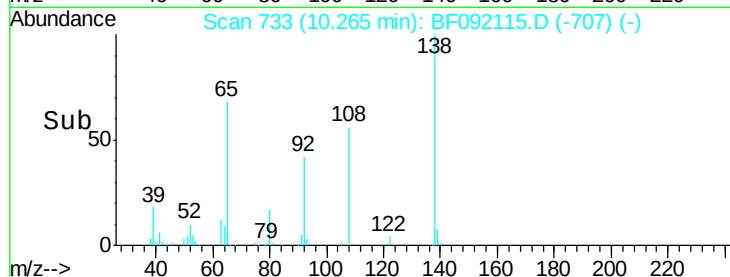
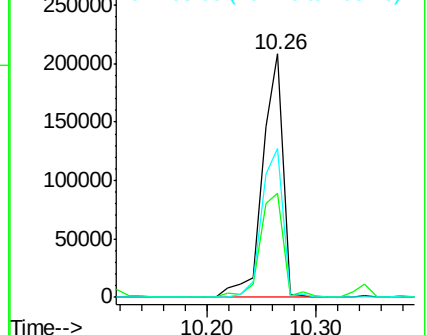
108 61.1 52.6 92.6



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: 41.67 ng

RT: 10.38 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

Tgt Ion: 77 Resp: 1141986

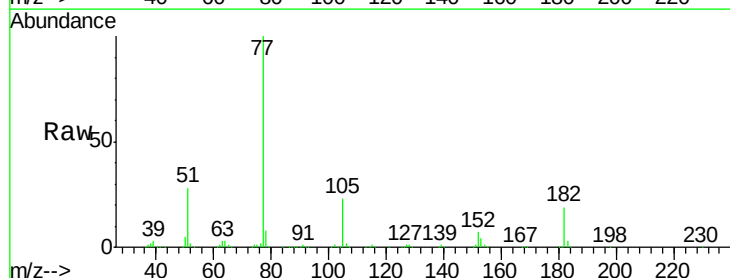
Ion Ratio Lower Upper

77 100

182 19.4 0.0 39.3

105 22.5 2.3 42.3

51 27.6 8.9 48.9

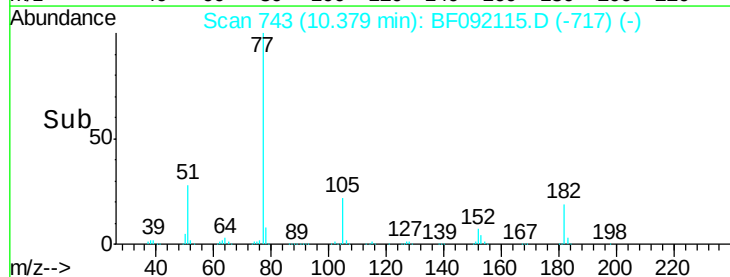
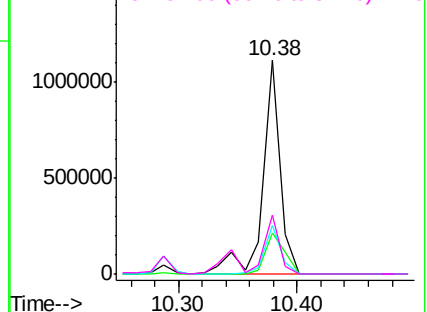


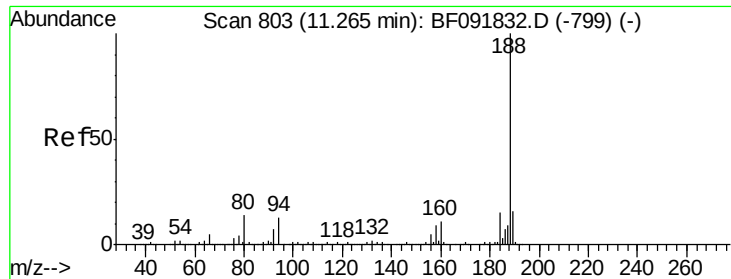
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

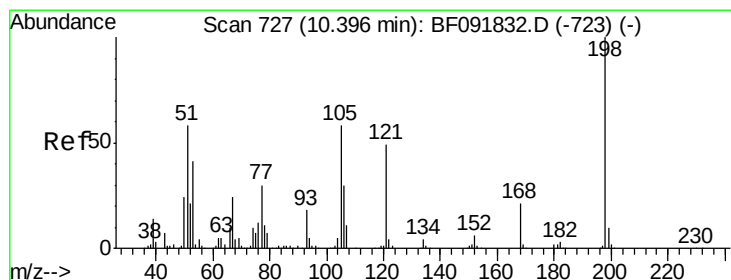
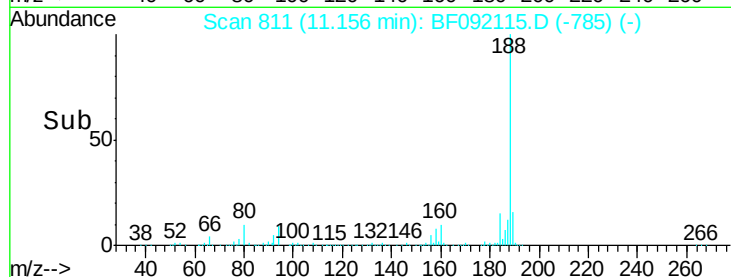
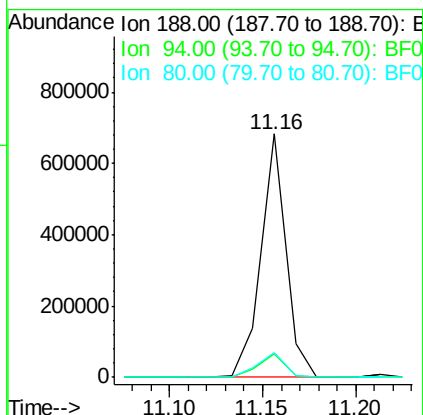
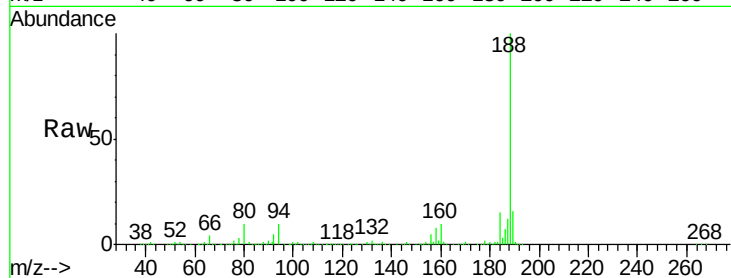




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF092115.D
Acq: 6 Jan 2017 14:24

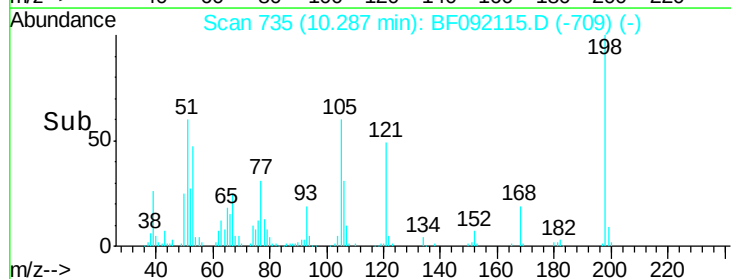
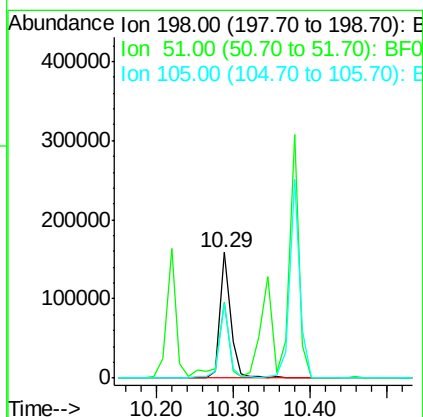
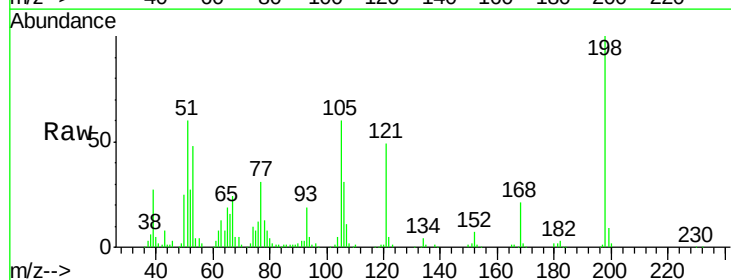
Instrument :
BNA_F
ClientSampleId :
PB95798BS

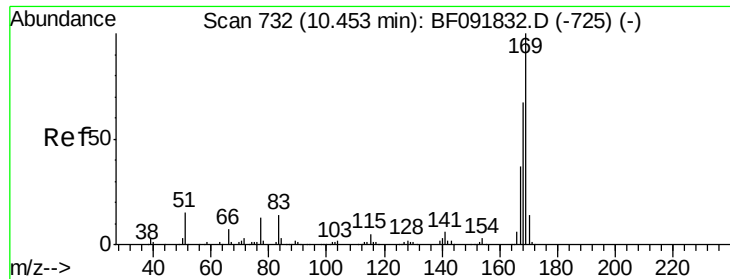
Tgt Ion:188 Resp: 632311
Ion Ratio Lower Upper
188 100
94 9.7 10.0 15.0#
80 10.3 11.2 16.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 41.42 ng
RT: 10.29 min Scan# 735
Delta R.T. -0.00 min
Lab File: BF092115.D
Acq: 6 Jan 2017 14:24

Tgt Ion:198 Resp: 158361
Ion Ratio Lower Upper
198 100
51 60.1 6.7 46.7#
105 59.9 16.6 56.6#

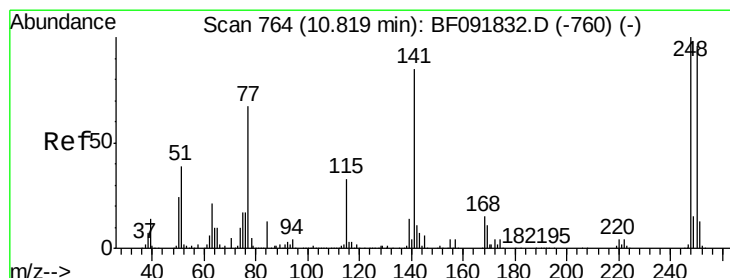
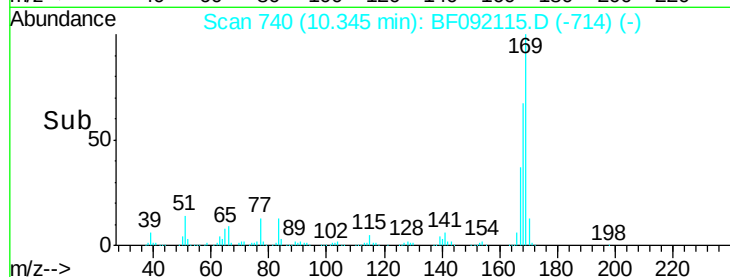
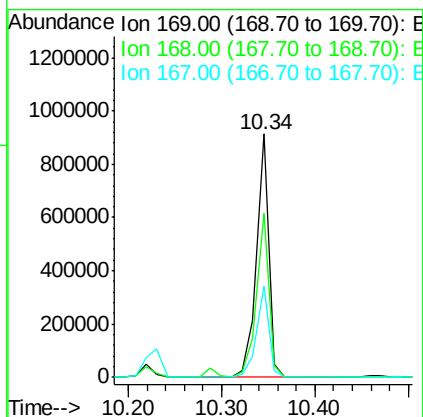
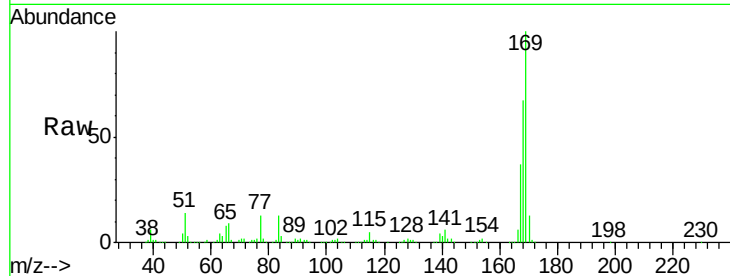




#65
 n-Nitrosodiphenylamine
 Concen: 44.27 ng
 RT: 10.34 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: BF092115.D
 Acq: 6 Jan 2017 14:24

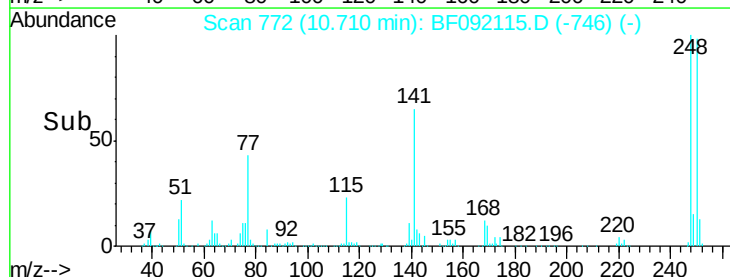
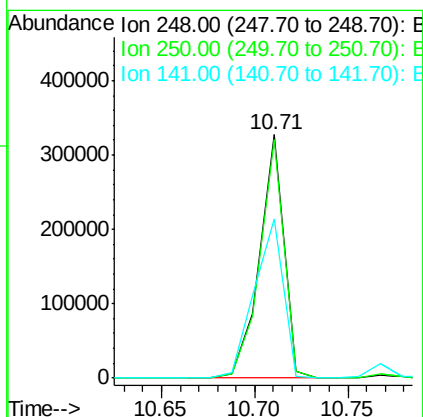
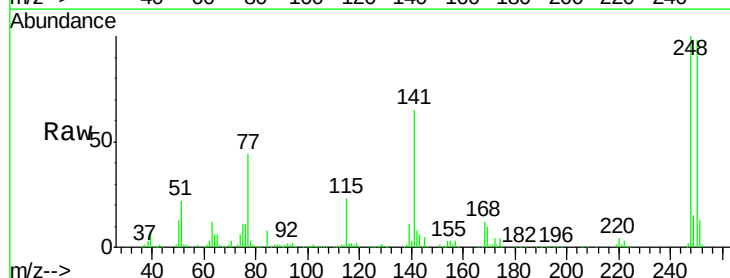
Instrument :
 BNA_F
 ClientSampleId :
 PB95798BS

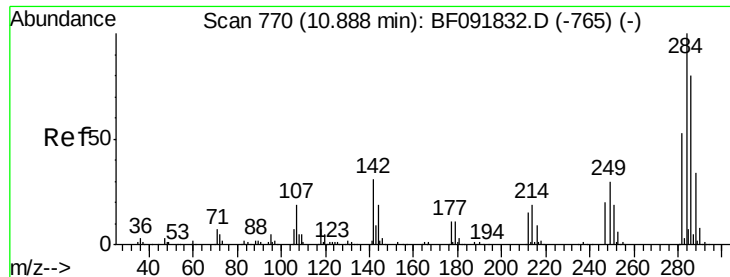
Tgt Ion:169 Resp: 830621
 Ion Ratio Lower Upper
 169 100
 168 67.4 54.2 81.2
 167 37.3 30.2 45.4



#66
 4-Bromophenyl-phenylether
 Concen: 44.75 ng
 RT: 10.71 min Scan# 772
 Delta R.T. -0.00 min
 Lab File: BF092115.D
 Acq: 6 Jan 2017 14:24

Tgt Ion:248 Resp: 294359
 Ion Ratio Lower Upper
 248 100
 250 98.1 76.9 115.3
 141 65.4 68.2 102.4#

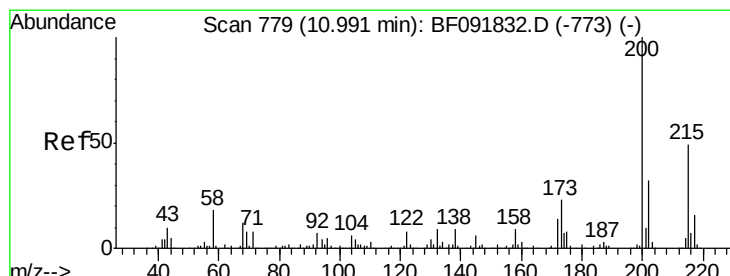
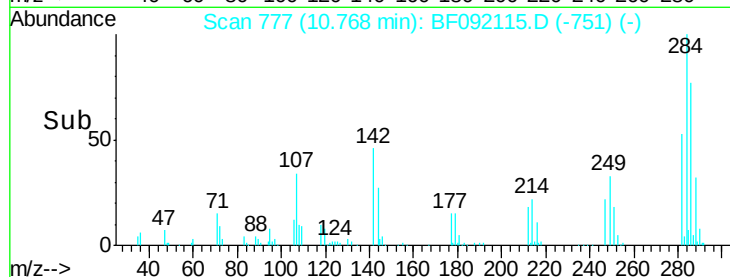
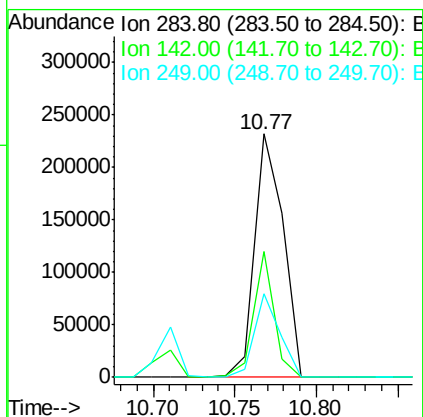
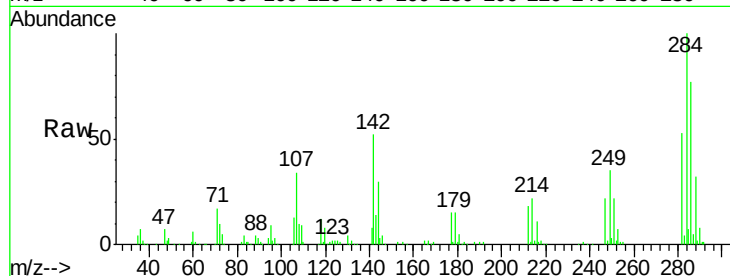




#67
Hexachlorobenzene
Concen: 40.06 ng
RT: 10.77 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF092115.D
Acq: 6 Jan 2017 14:24

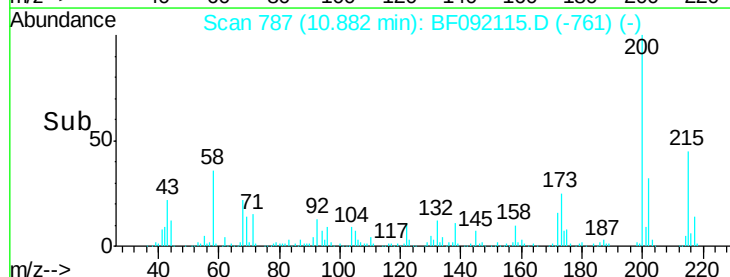
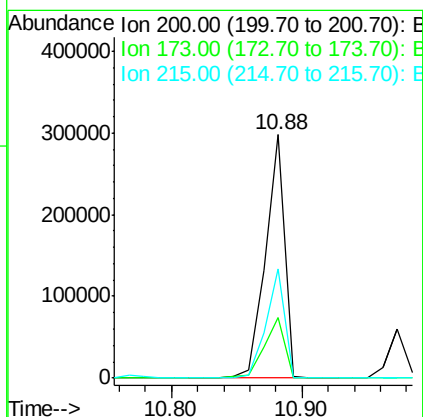
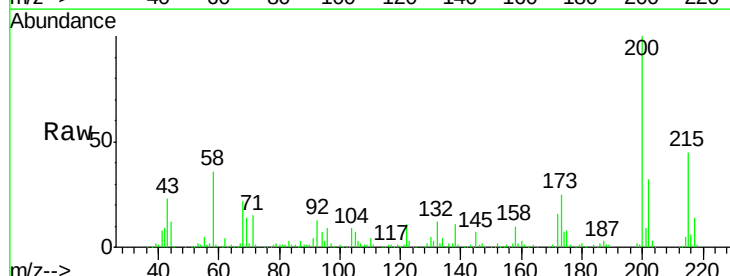
Instrument :
BNA_F
ClientSampleId :
PB95798BS

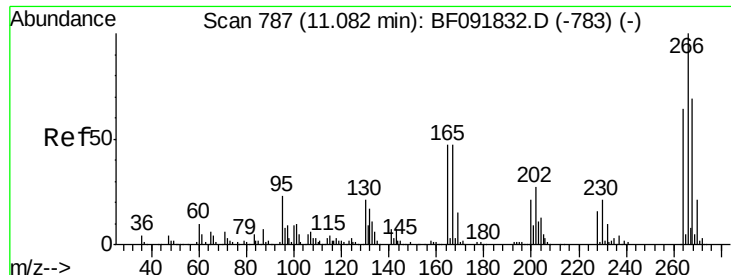
Tgt Ion	Ratio	Lower	Upper
284	100		
142	51.5	22.6	33.8#
249	34.5	25.4	38.0



#68
Atrazine
Concen: 50.46 ng
RT: 10.88 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF092115.D
Acq: 6 Jan 2017 14:24

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.1	9.6	49.6
215	44.6	25.7	65.7

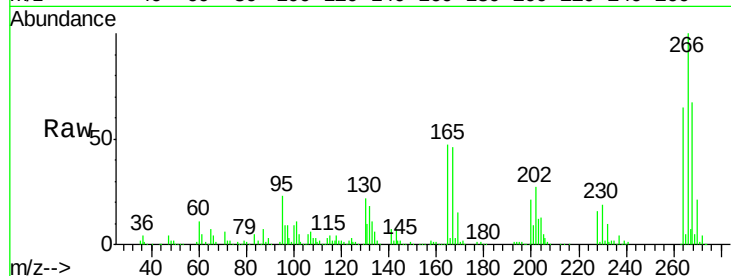




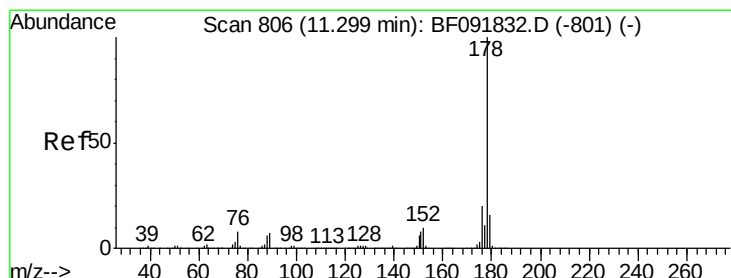
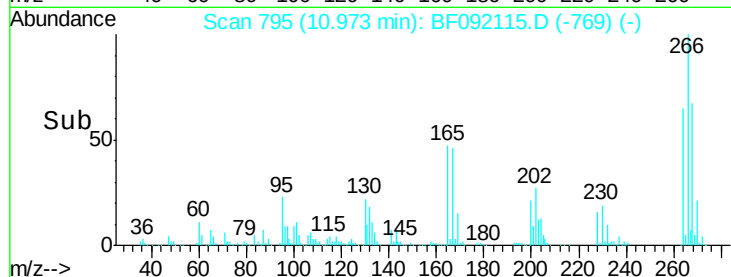
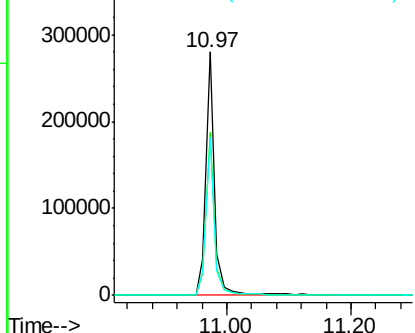
#69
 Pentachlorophenol
 Concen: 80.93 ng
 RT: 10.97 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF092115.D
 Acq: 6 Jan 2017 14:24

Instrument :
 BNA_F
 ClientSampleId :
 PB95798BS

Tgt Ion: 266 Resp: 279186
 Ion Ratio Lower Upper
 266 100
 268 66.8 53.3 79.9
 264 65.0 50.3 75.5

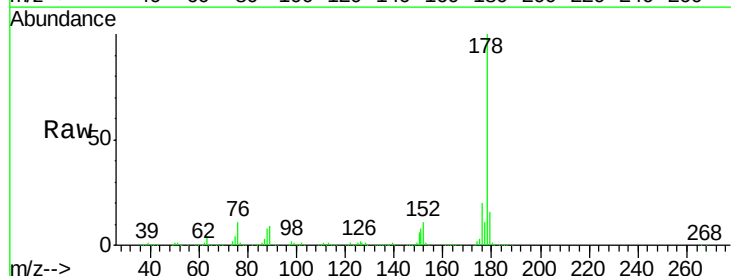


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

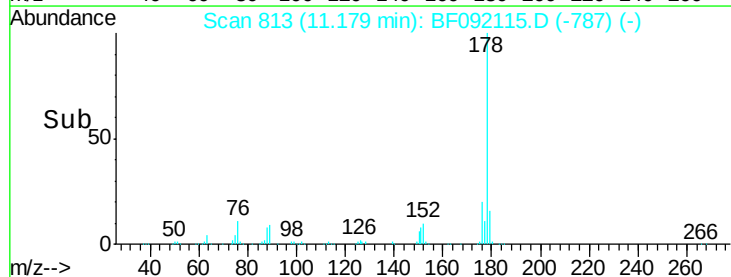
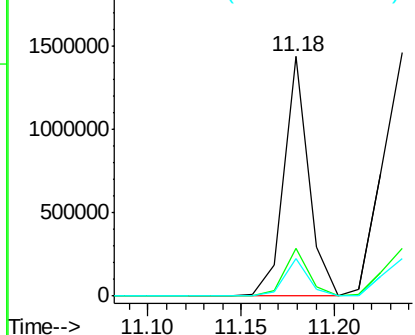


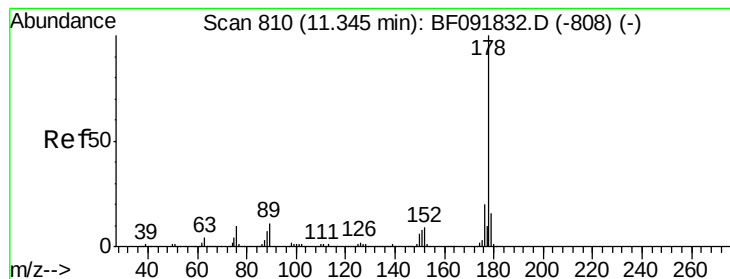
#70
 Phenanthrene
 Concen: 38.81 ng
 RT: 11.18 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF092115.D
 Acq: 6 Jan 2017 14:24

Tgt Ion: 178 Resp: 1330542
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.6 25.0
 179 15.8 12.8 19.2



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





#71

Anthracene

Concen: 55.21 ng

RT: 11.24 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

Instrument :

BNA_F

ClientSampleId :

PB95798BS

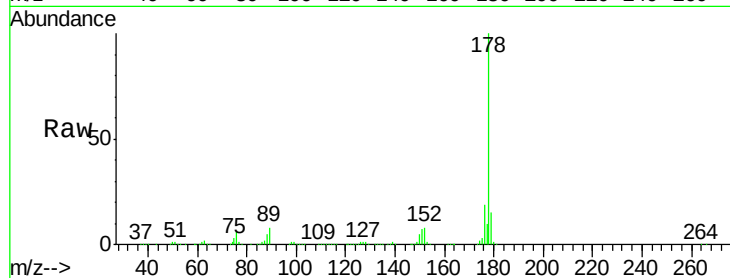
Tgt Ion:178 Resp: 1548771

Ion Ratio Lower Upper

178 100

176 19.4 15.9 23.9

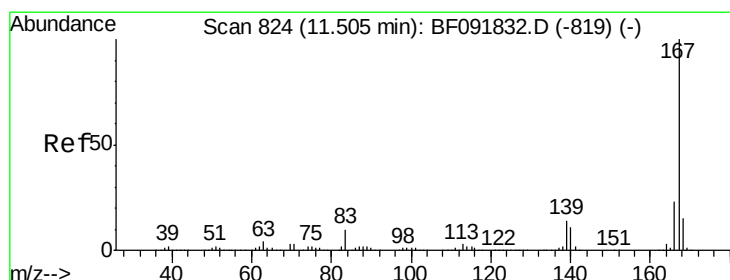
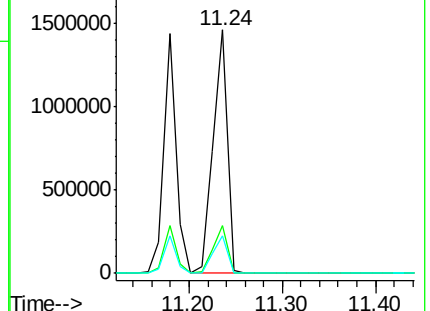
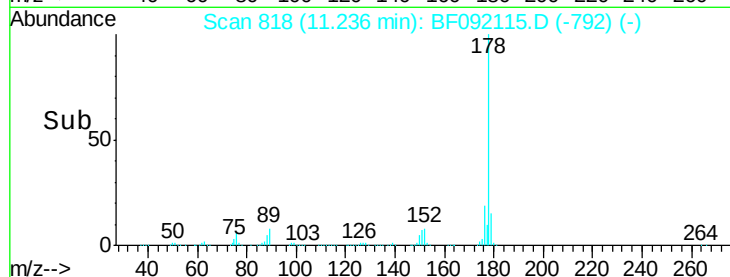
179 15.5 13.2 19.8



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: 53.37 ng

RT: 11.40 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

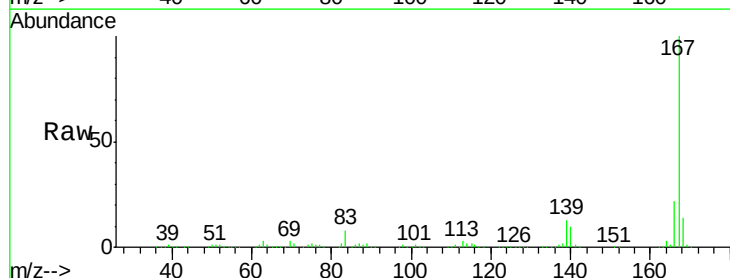
Tgt Ion:167 Resp: 1381813

Ion Ratio Lower Upper

167 100

166 21.7 18.2 27.2

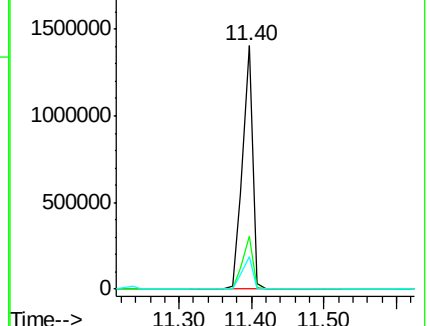
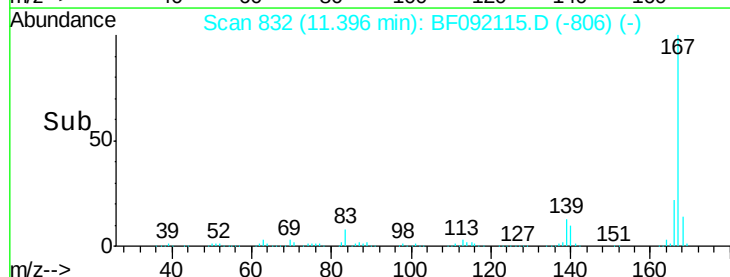
139 13.4 11.4 17.2

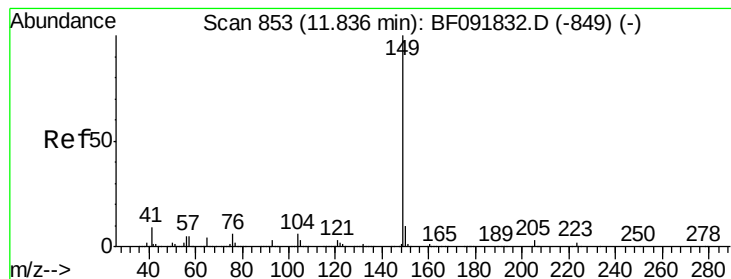


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 47.08 ng

RT: 11.73 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

Instrument :

BNA_F

ClientSampleId :

PB95798BS

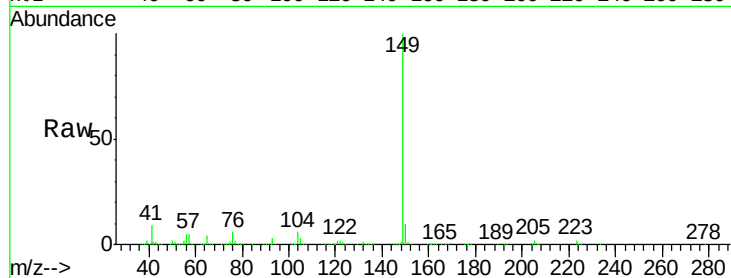
Tgt Ion:149 Resp: 1523472

Ion Ratio Lower Upper

149 100

150 9.9 8.1 12.1

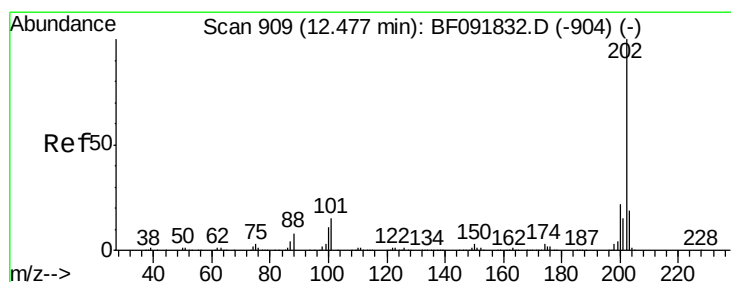
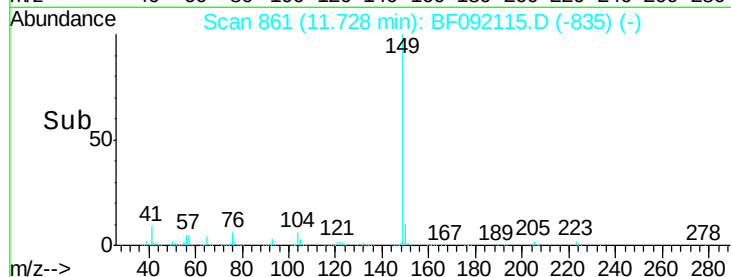
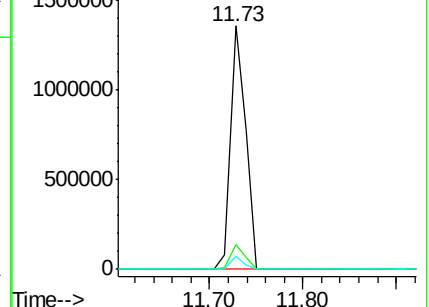
104 5.6 4.6 7.0



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: 50.02 ng

RT: 12.37 min Scan# 917

Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

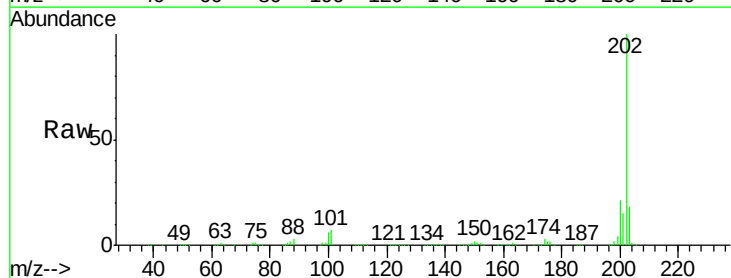
Tgt Ion:202 Resp: 1491899

Ion Ratio Lower Upper

202 100

101 7.1 0.0 34.6

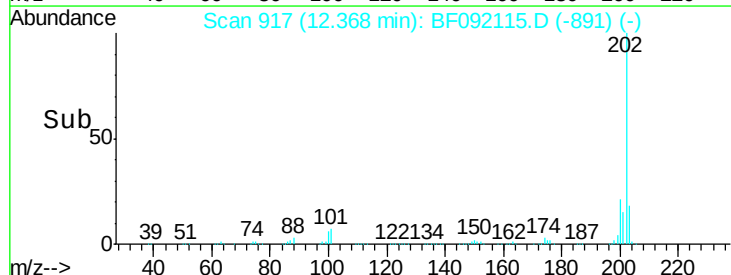
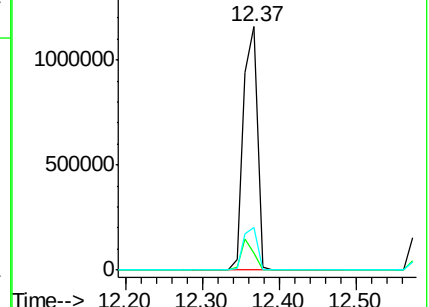
203 17.6 0.0 38.7

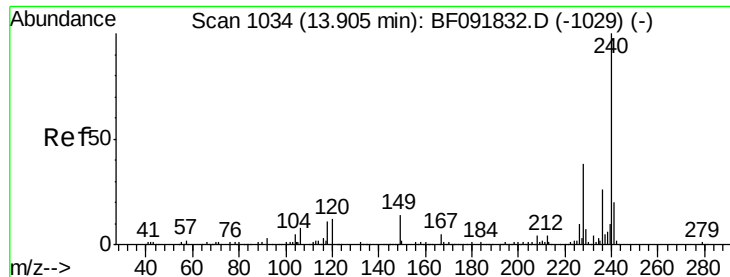


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.78 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

Instrument :

BNA_F

ClientSampleId :

PB95798BS

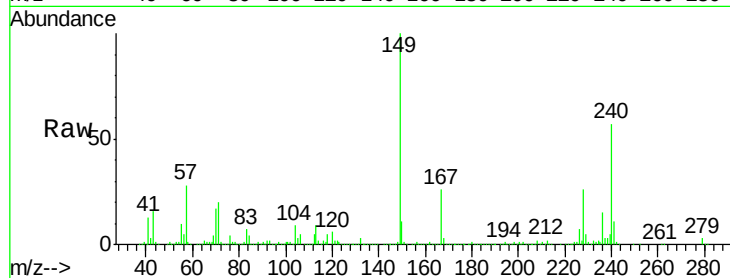
Tgt Ion:240 Resp: 444239

Ion Ratio Lower Upper

240 100

120 11.2 12.9 19.3#

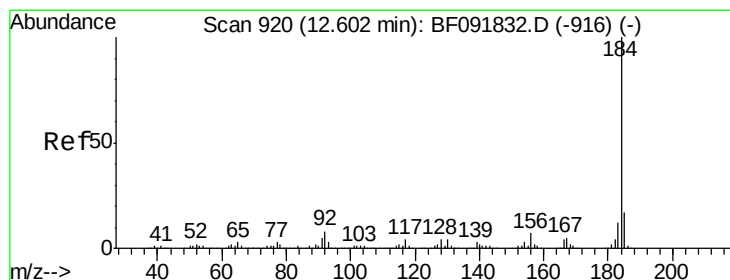
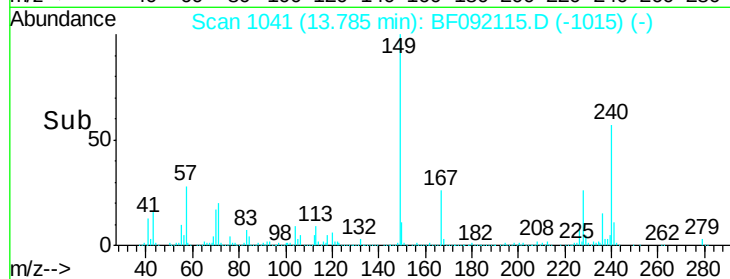
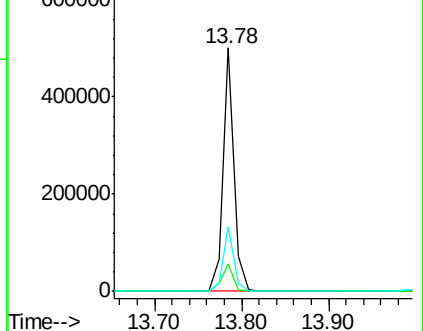
236 26.2 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 37.83 ng

RT: 12.49 min Scan# 928

Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

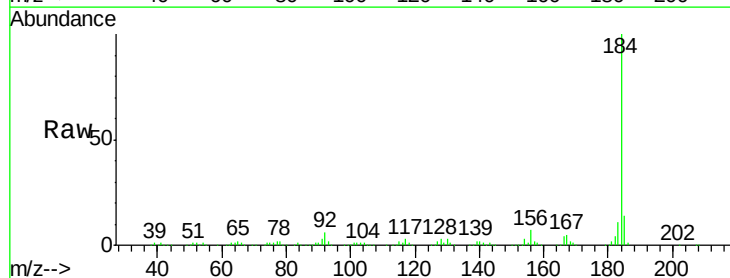
Tgt Ion:184 Resp: 444335

Ion Ratio Lower Upper

184 100

185 14.2 13.4 20.0

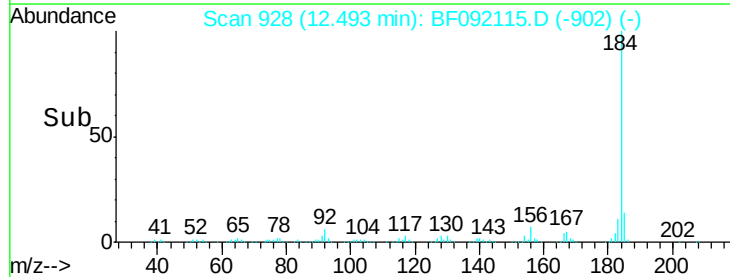
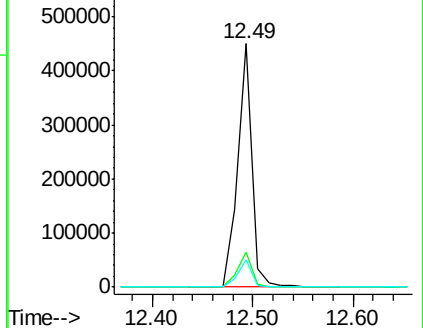
183 11.2 9.2 13.8

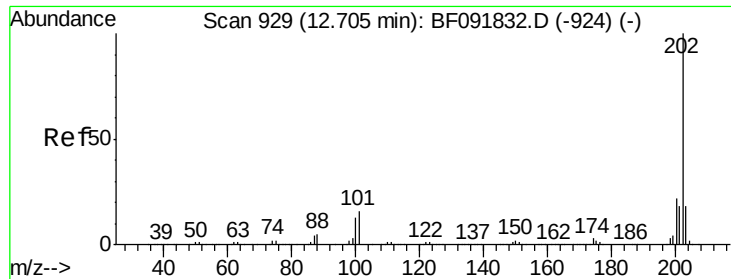


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

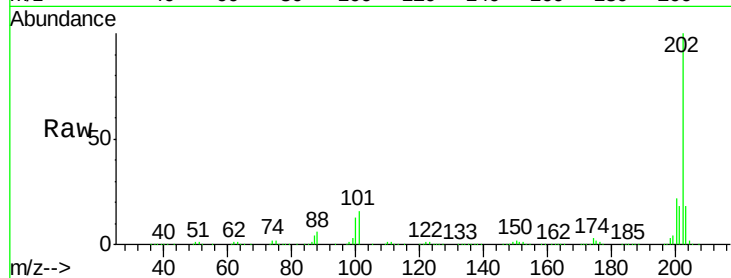




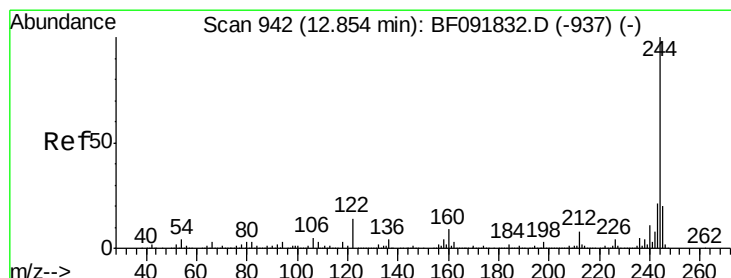
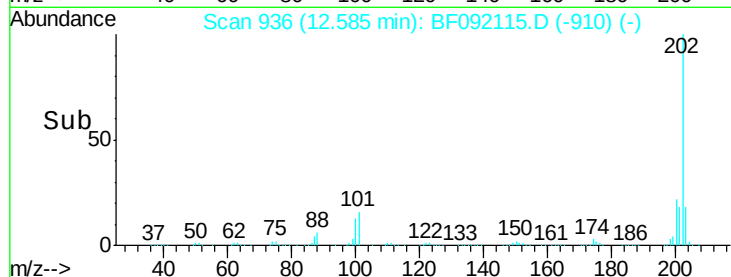
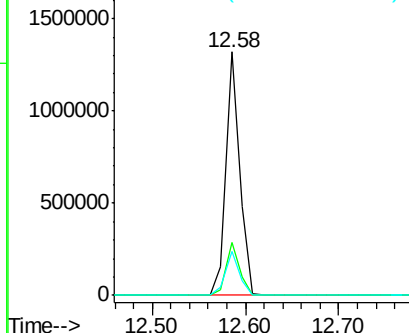
#77
 Pyrene
 Concen: 41.59 ng
 RT: 12.58 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: BF092115.D
 Acq: 6 Jan 2017 14:24

Instrument :
 BNA_F
 ClientSampleId :
 PB95798BS

Tgt Ion:202 Resp: 1355523
 Ion Ratio Lower Upper
 202 100
 200 21.6 17.7 26.5
 203 18.1 14.7 22.1

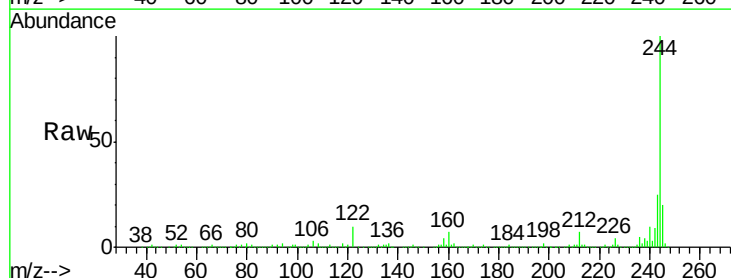


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

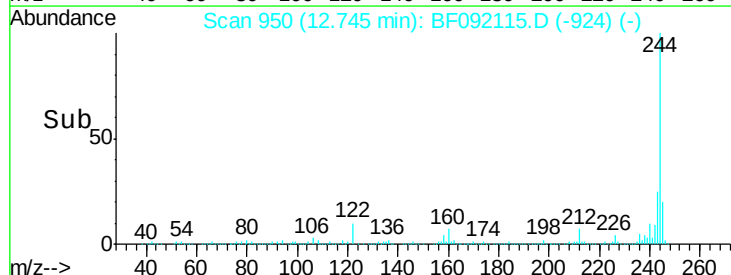
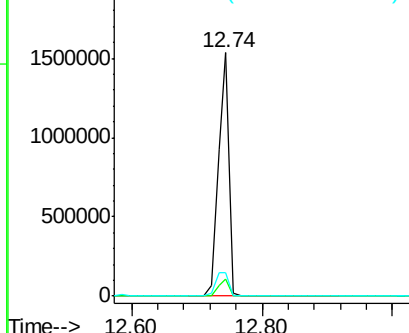


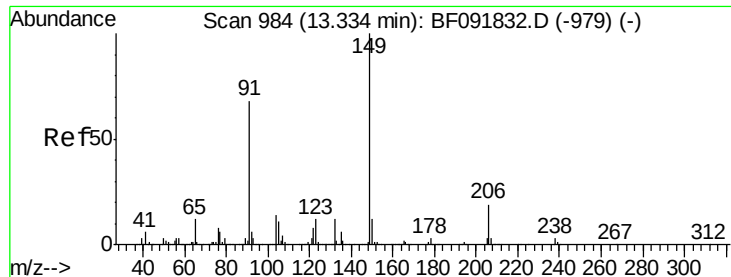
#78
 Terphenyl-d14
 Concen: 96.06 ng
 RT: 12.74 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: BF092115.D
 Acq: 6 Jan 2017 14:24

Tgt Ion:244 Resp: 1759532
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.2
 122 9.6 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

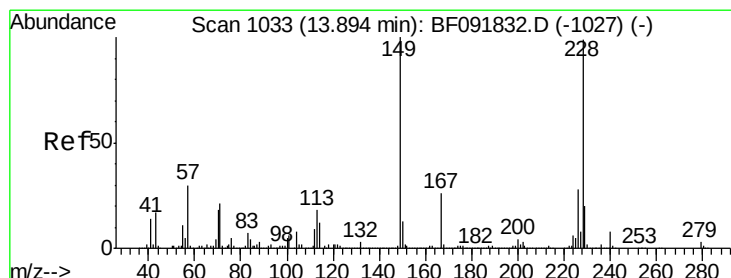
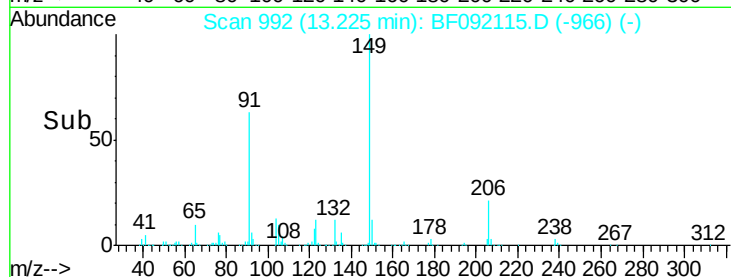
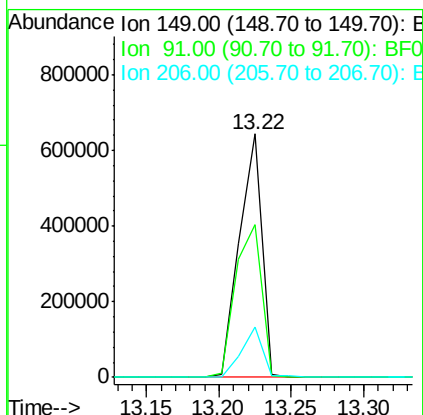
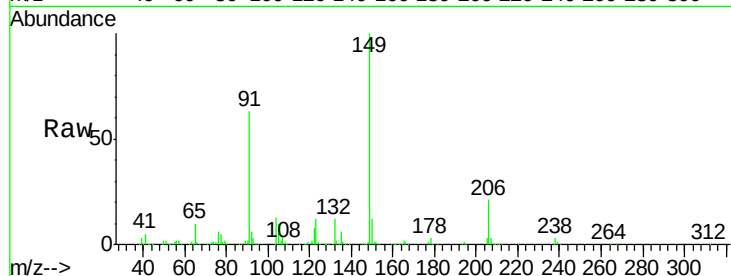




#79
Butylbenzylphthalate
Concen: 47.06 ng
RT: 13.22 min Scan# 992
Delta R.T. -0.00 min
Lab File: BF092115.D
Acq: 6 Jan 2017 14:24

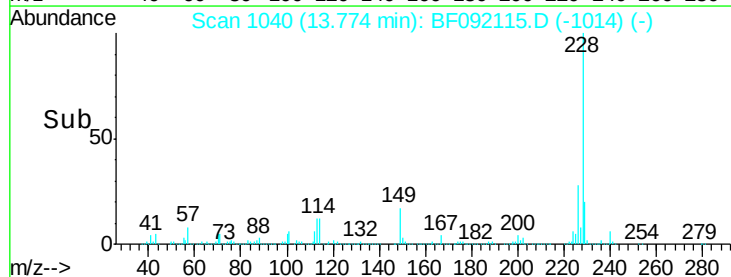
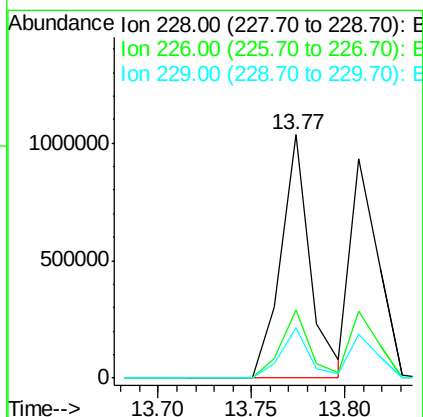
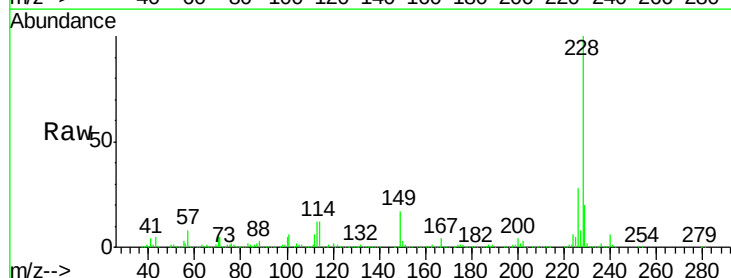
Instrument :
BNA_F
ClientSampleId :
PB95798BS

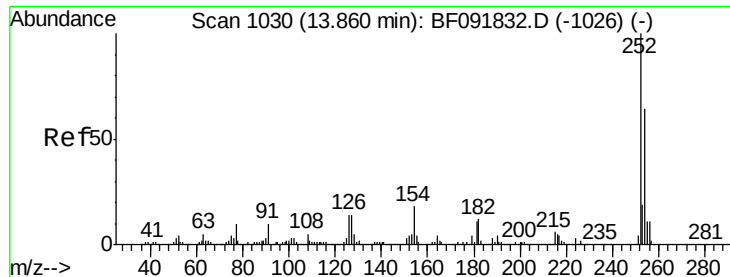
Tgt Ion:149 Resp: 697594
Ion Ratio Lower Upper
149 100
91 62.9 63.9 95.9#
206 20.6 14.6 21.8



#80
Benzo(a)anthracene
Concen: 45.00 ng
RT: 13.77 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF092115.D
Acq: 6 Jan 2017 14:24

Tgt Ion:228 Resp: 1128383
Ion Ratio Lower Upper
228 100
226 28.1 22.4 33.6
229 20.4 16.2 24.4

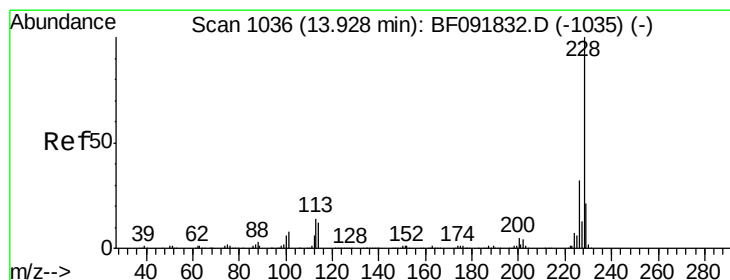
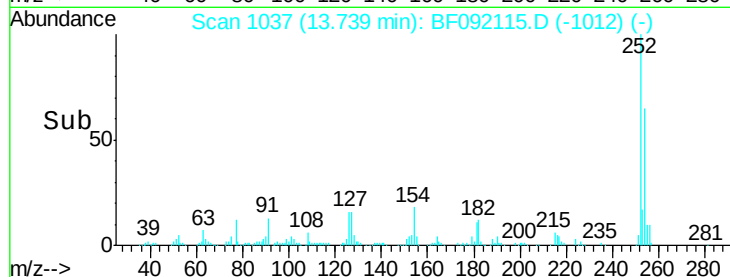
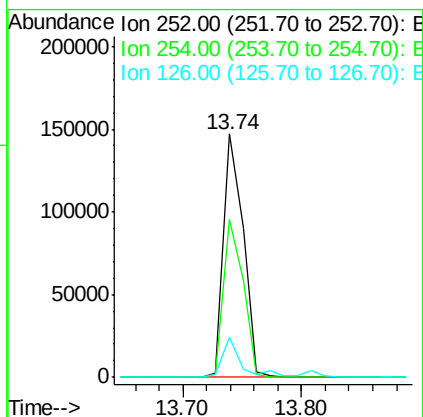
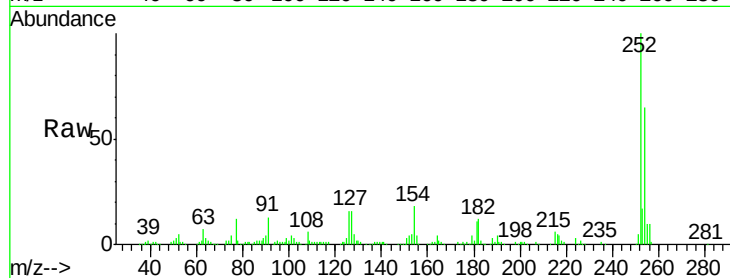




#81
 3,3'-Dichlorobenzidine
 Concen: 17.67 ng
 RT: 13.74 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF092115.D
 Acq: 6 Jan 2017 14:24

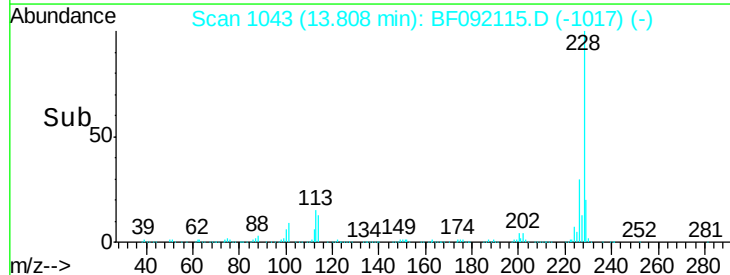
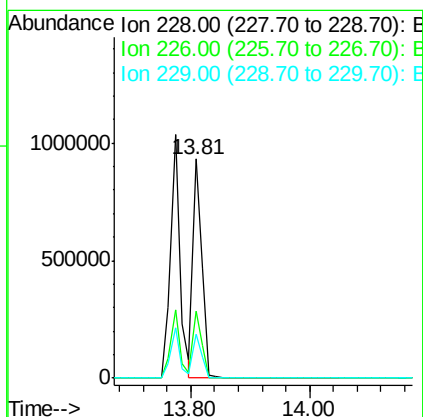
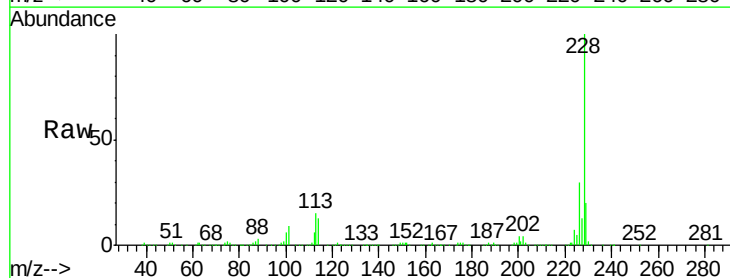
Instrument :
 BNA_F
 ClientSampleId :
 PB95798BS

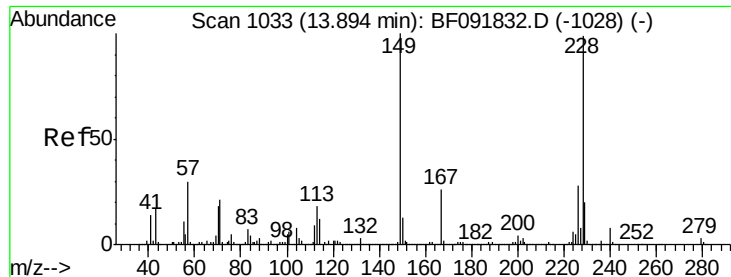
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.7	52.3	78.5
126	16.2	13.6	20.4



#82
 Chrysene
 Concen: 39.03 ng
 RT: 13.81 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BF092115.D
 Acq: 6 Jan 2017 14:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.4	38.0
229	20.3	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.79 ng

RT: 13.78 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

Instrument :

BNA_F

ClientSampleId :

PB95798BS

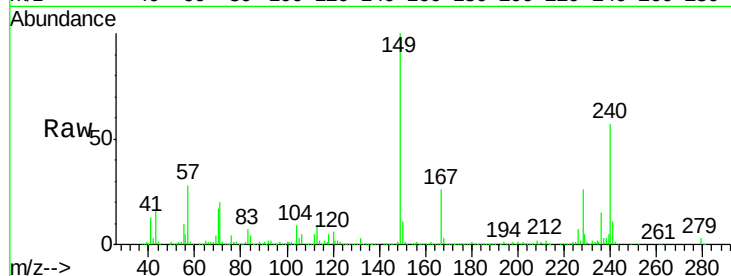
Tgt Ion:149 Resp: 799359

Ion Ratio Lower Upper

149 100

167 25.8 20.2 30.4

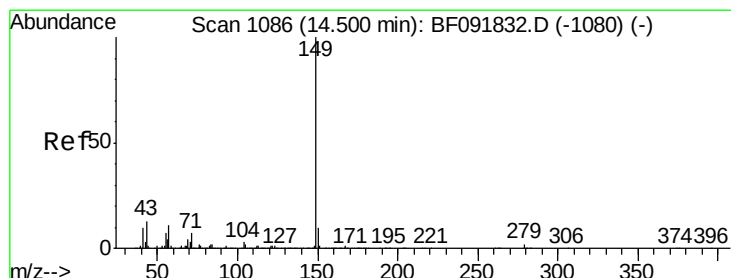
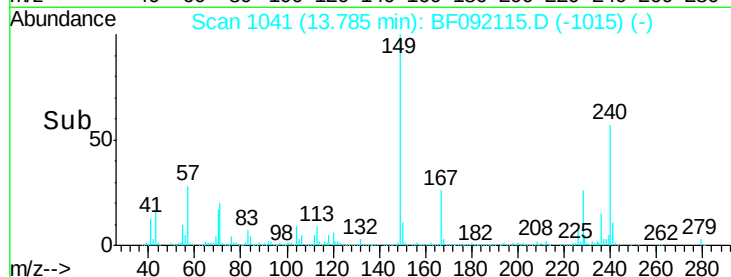
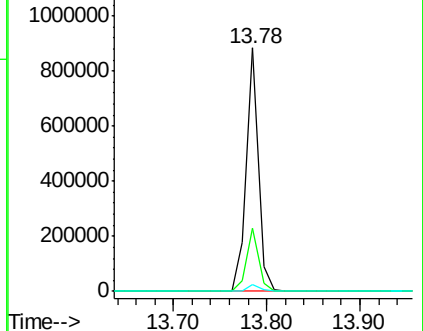
279 2.8 1.8 2.8#



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: 40.59 ng

RT: 14.39 min Scan# 1094

Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

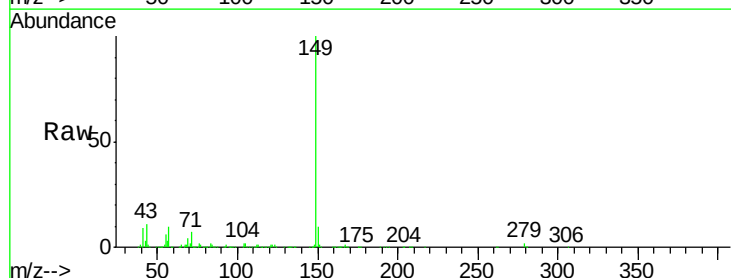
Tgt Ion:149 Resp: 1312593

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

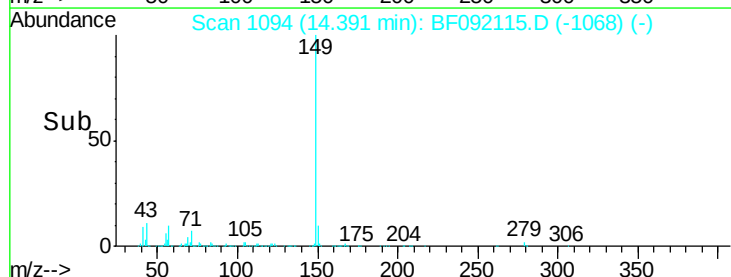
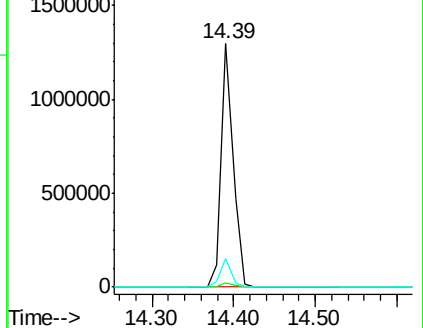
43 10.4 8.9 13.3

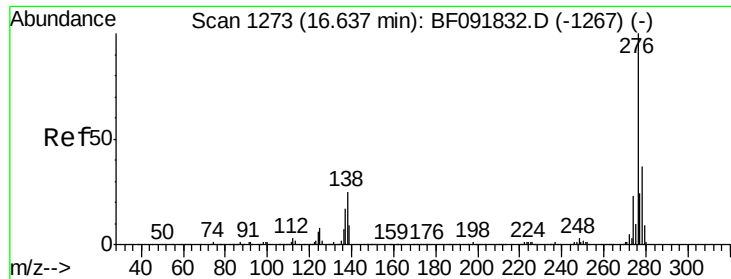


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 47.39 ng

RT: 16.43 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

Instrument :

BNA_F

ClientSampleId :

PB95798BS

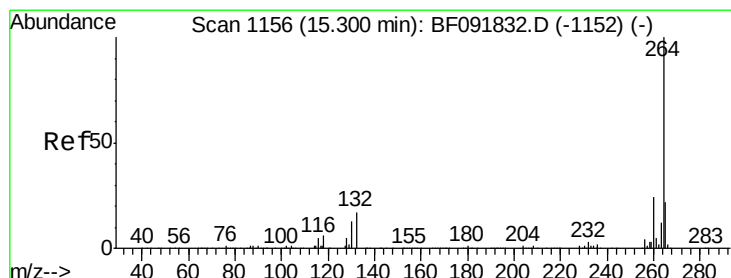
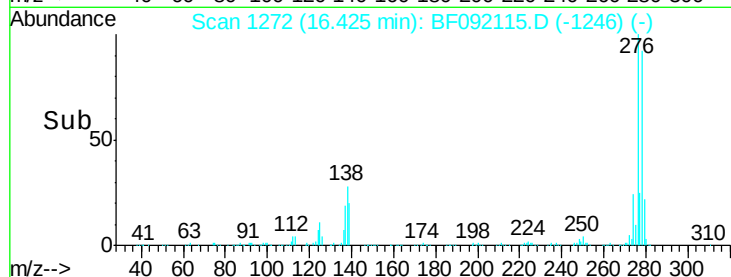
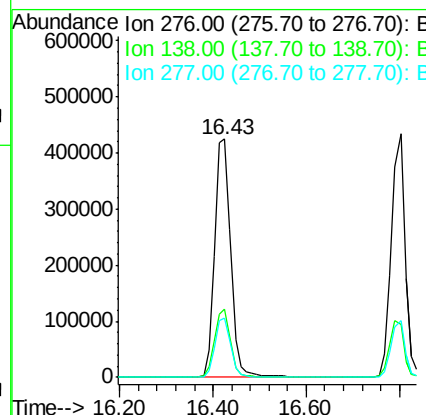
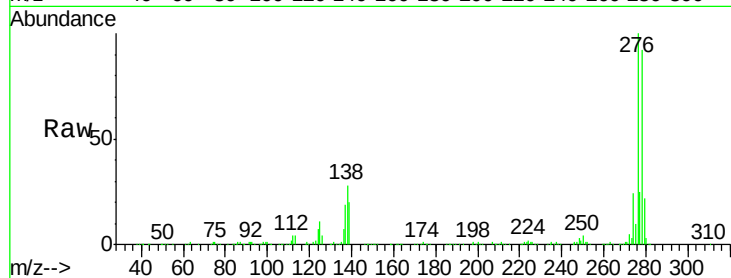
Tgt Ion:276 Resp: 1032720

Ion Ratio Lower Upper

276 100

138 28.4 21.8 32.6

277 24.6 20.2 30.4



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.15 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

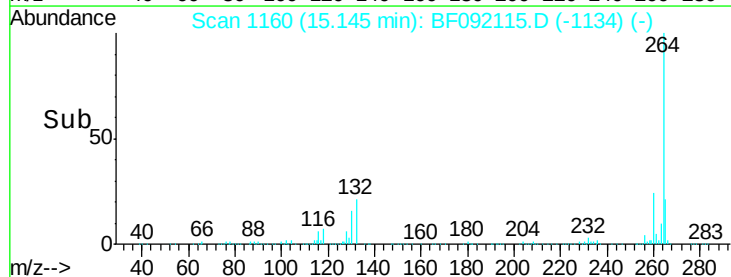
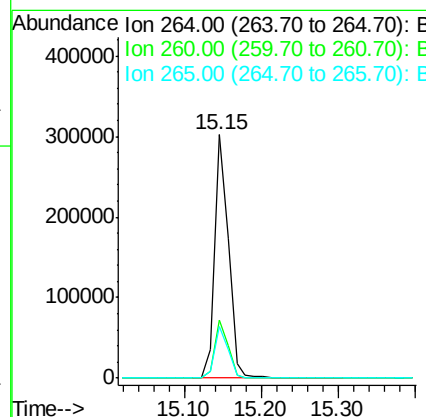
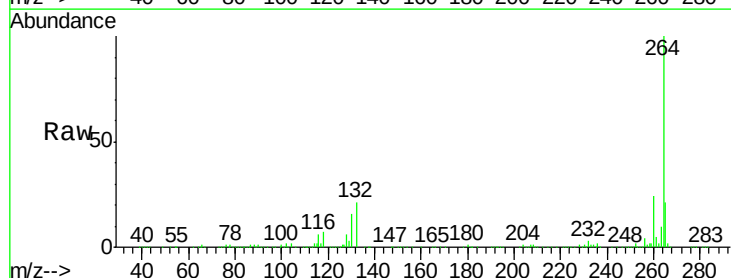
Tgt Ion:264 Resp: 371610

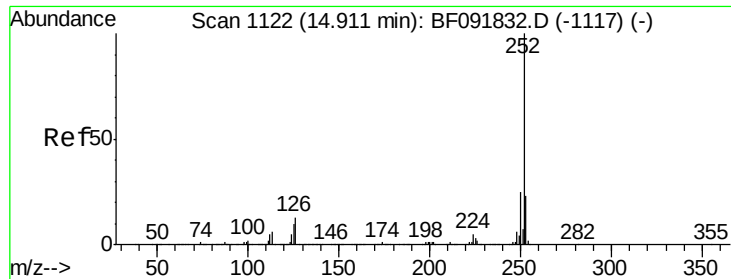
Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.5 17.4 26.0

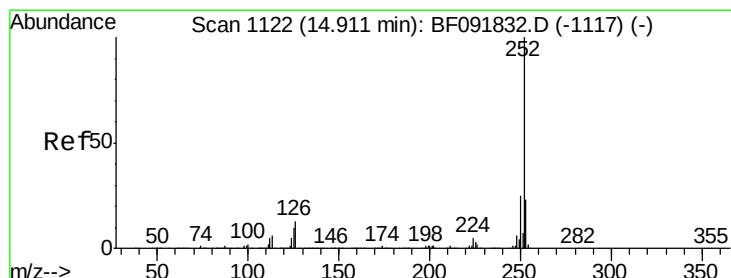
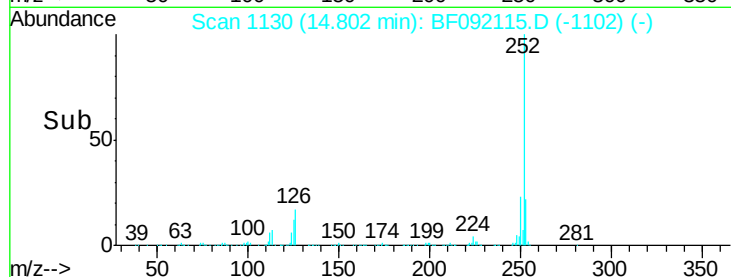
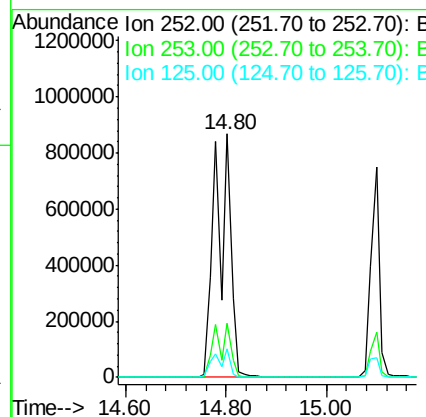
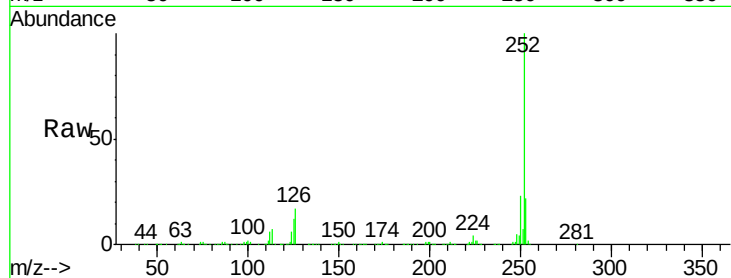




#87
Benzo(b)fluoranthene
Concen: 79.83 ng
RT: 14.80 min Scan# 1130
Delta R.T. 0.02 min
Lab File: BF092115.D
Acq: 6 Jan 2017 14:24

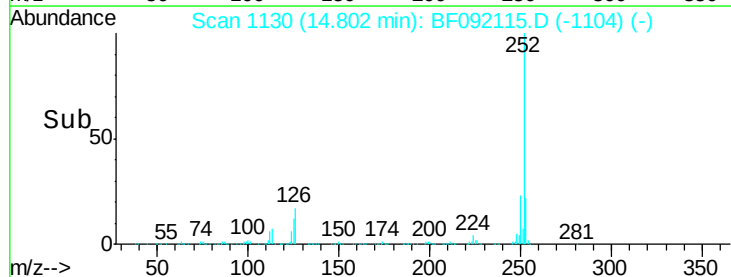
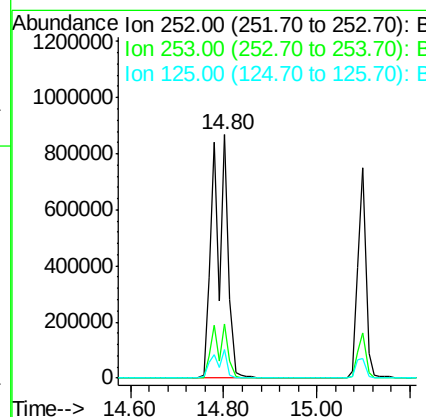
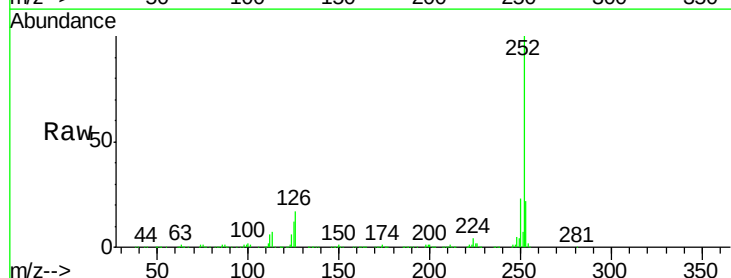
Instrument :
BNA_F
ClientSampleId :
PB95798BS

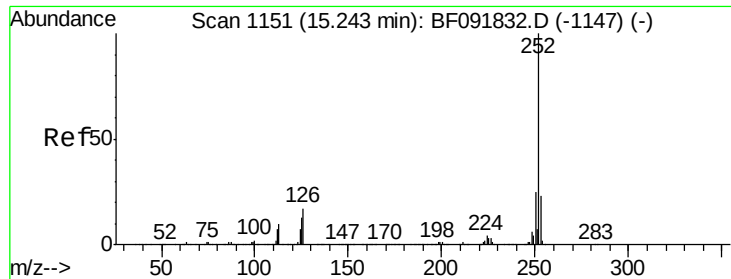
Tgt Ion:252 Resp: 1846890
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.4
125 11.9 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 93.66 ng
RT: 14.80 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BF092115.D
Acq: 6 Jan 2017 14:24

Tgt Ion:252 Resp: 1847788
Ion Ratio Lower Upper
252 100
253 22.4 18.5 27.7
125 11.9 8.9 13.3





#89

Benzo(a)pyrene

Concen: 43.43 ng

RT: 15.10 min Scan# 1156

Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

Instrument :

BNA_F

ClientSampleId :

PB95798BS

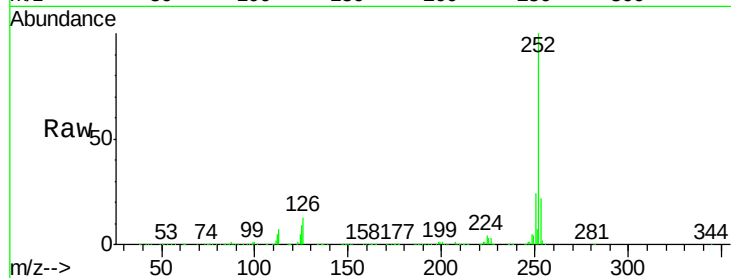
Tgt Ion: 252 Resp: 891746

Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.2

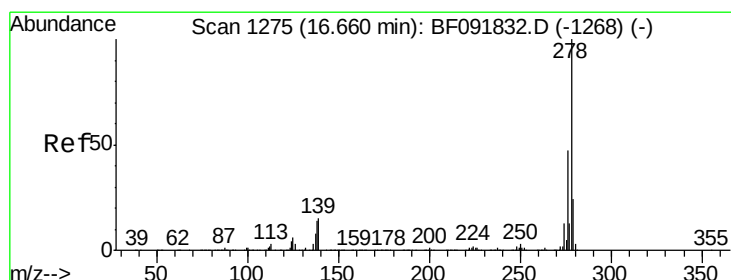
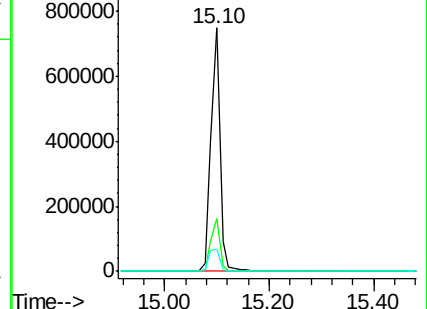
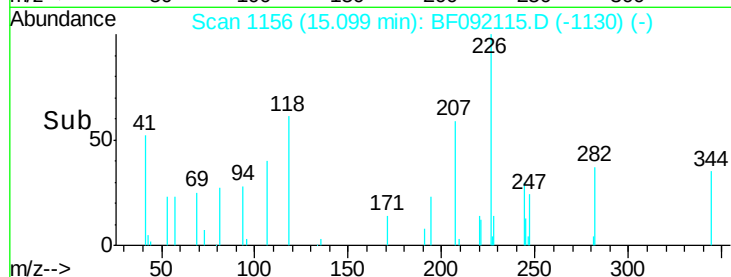
125 9.1 10.0 15.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 50.00 ng

RT: 16.44 min Scan# 1273

Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

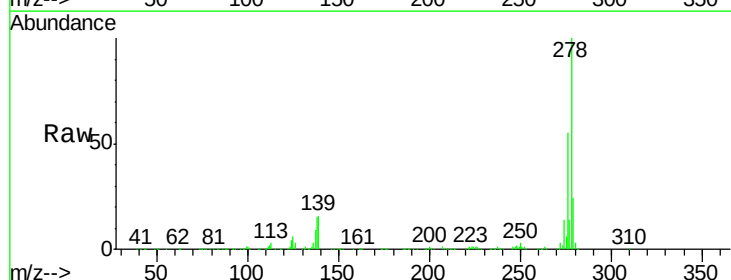
Tgt Ion: 278 Resp: 843909

Ion Ratio Lower Upper

278 100

139 15.6 14.8 22.2

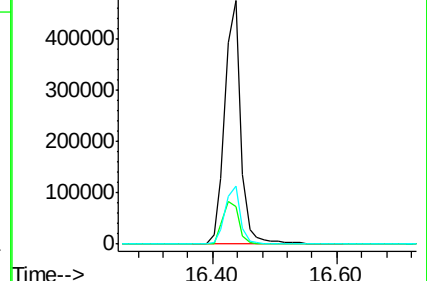
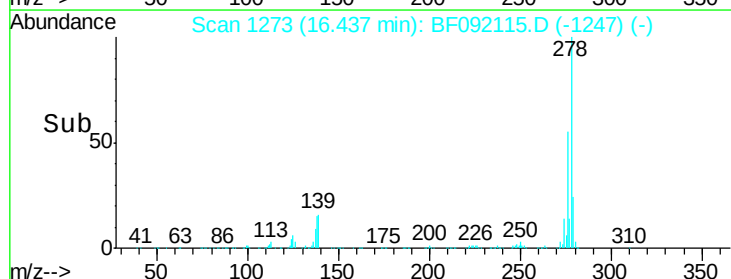
279 23.9 19.8 29.6

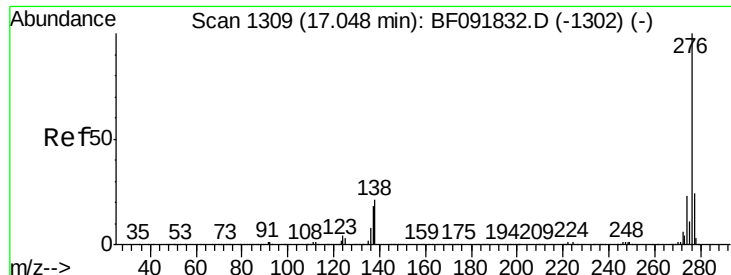


Abundance Ion 278.00 (277.70 to 278.70): E

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: 50.34 ng

RT: 16.80 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

Instrument :

BNA_F

ClientSampleId :

PB95798BS

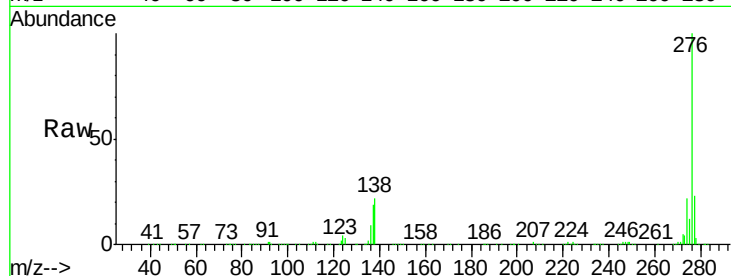
Tgt Ion: 276 Resp: 883413

Ion Ratio Lower Upper

276 100

277 23.4 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

