

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
 Data File : BF092143.D
 Acq On : 9 Jan 2017 17:54
 Operator : UM/SJ
 Sample : PB95818BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95818BS

Quant Time: Jan 09 22:31:39 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	6.63	152	226856	20.00	ng	-0.01
21) Naphthalene-d8	7.92	136	972922	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	503816	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	822402	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	592982	20.00	ng	0.00
86) Perylene-d12	15.15	264	620811	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	1855715	136.59	ng	0.01
7) Phenol-d6	6.31	99	2227522	134.29	ng	0.00
23) Nitrobenzene-d5	7.21	82	1590378	90.90	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	586038	140.56	ng	0.00
44) 2-Fluorobiphenyl	9.01	172	2577036	108.35	ng	0.00
78) Terphenyl-d14	12.73	244	2214316	90.56	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.20	88	246875	36.91	ng	97
3) Pyridine	2.82	79	826703	35.41	ng	97
4) n-Nitrosodimethylamine	2.79	42	336235	38.18	ng	99
6) Aniline	6.30	93	506465	23.51	ng	# 53
8) 2-Chlorophenol	6.42	128	676025	43.74	ng	98
9) Benzaldehyde	6.17	77	50806	3.89	ng	98
10) Phenol	6.32	94	916714	48.50	ng	# 74
11) bis(2-Chloroethyl)ether	6.38	93	698576	46.45	ng	99
12) 1,3-Dichlorobenzene	6.57	146	738209	44.74	ng	96
13) 1,4-Dichlorobenzene	6.65	146	738592	43.98	ng	93
14) 1,2-Dichlorobenzene	6.80	146	623801	42.81	ng	99
15) Benzyl Alcohol	6.79	79	548256	42.54	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.93	45	972286	43.41	ng	# 32
17) 2-Methylphenol	6.93	107	587457	47.26	ng	# 91
18) Hexachloroethane	7.14	117	274519	44.09	ng	98
19) n-Nitroso-di-n-propylamine	7.06	70	505552	45.81	ng	98
20) 3+4-Methylphenols	7.09	107	832675	56.17	ng	# 71
22) Acetophenone	7.05	105	1034363	43.10	ng	# 92
24) Nitrobenzene	7.22	77	742223	39.83	ng	96
25) Isophorone	7.46	82	1421649	44.04	ng	94
26) 2-Nitrophenol	7.54	139	420575	45.76	ng	89
27) 2,4-Dimethylphenol	7.60	122	614660	40.33	ng	98
28) bis(2-Chloroethoxy)methane	7.68	93	847883	43.31	ng	98
29) 2,4-Dichlorophenol	7.80	162	585148	45.34	ng	89
30) 1,2,4-Trichlorobenzene	7.86	180	579853	41.00	ng	# 96
31) Naphthalene	7.94	128	2031709	45.63	ng	100
32) Benzoic acid	7.77	122	465060	41.14	ng	100
33) 4-Chloroaniline	8.00	127	294663	14.68	ng	96
34) Hexachlorobutadiene	8.07	225	311907	41.78	ng	96
35) Caprolactam	8.39	113	130976	30.88	ng	# 69
36) 4-Chloro-3-methylphenol	8.52	107	636277	42.84	ng	100
37) 2-Methylnaphthalene	8.63	142	1300904	50.37	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	506434	39.79	ng	# 97
40) Hexachlorocyclopentadiene	8.79	237	471649	83.04	ng	97

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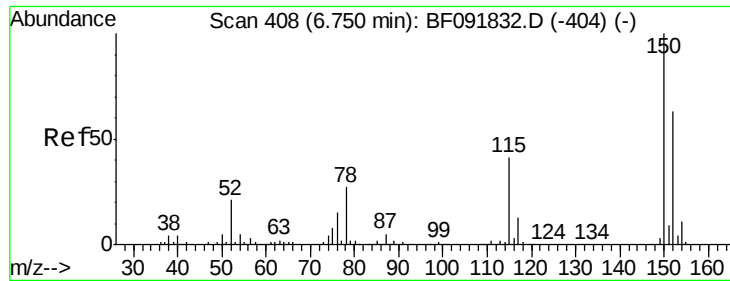
Instrument :
 BNA_F
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Quant Time: Jan 09 22:31:39 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	8.93	196	392893	44.14	ng	96
43) 2,4,5-Trichlorophenol	8.98	196	373970	40.82	ng	# 82
45) 1,1'-Biphenyl	9.10	154	1469453	42.60	ng	97
46) 2-Chloronaphthalene	9.12	162	1127968	41.29	ng	95
47) 2-Nitroaniline	9.22	65	385725	39.66	ng	98
48) Acenaphthylene	9.53	152	1723900	41.03	ng	99
49) Dimethylphthalate	9.42	163	1539980	47.79	ng	100
50) 2,6-Dinitrotoluene	9.48	165	348346	49.39	ng	95
51) Acenaphthene	9.70	154	1081544	37.97	ng	99
52) 3-Nitroaniline	9.64	138	178388	20.44	ng	96
53) 2,4-Dinitrophenol	9.76	184	402967	102.68	ng	97
54) Dibenzofuran	9.88	168	1501257	39.03	ng	98
55) 4-Nitrophenol	9.84	139	470390	79.37	ng	97
56) 2,4-Dinitrotoluene	9.88	165	349404	39.47	ng	# 70
57) Fluorene	10.22	166	1129048	40.34	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.01	232	334622	46.18	ng	96
59) Diethylphthalate	10.12	149	1439673	46.00	ng	95
60) 4-Chlorophenyl-phenylether	10.22	204	571885	46.67	ng	# 84
61) 4-Nitroaniline	10.26	138	379883	42.00	ng	87
62) Azobenzene	10.38	77	1697242	49.26	ng	90
64) 4,6-Dinitro-2-methylphenol	10.29	198	230369	46.32	ng	# 59
65) n-Nitrosodiphenylamine	10.34	169	1212182	49.67	ng	100
66) 4-Bromophenyl-phenylether	10.70	248	355100	41.51	ng	96
67) Hexachlorobenzene	10.77	284	397701	43.49	ng	97
68) Atrazine	10.87	200	354682	45.06	ng	98
69) Pentachlorophenol	10.97	266	413476	92.15	ng	99
70) Phenanthrene	11.18	178	2071564	46.45	ng	99
71) Anthracene	11.22	178	1719634	42.75	ng	99
72) Carbazole	11.38	167	1760802	50.95	ng	99
73) Di-n-butylphthalate	11.73	149	2167181	51.92	ng	98
74) Fluoranthene	12.36	202	1856032	47.67	ng	99
76) Benzidine	12.48	184	475962	28.77	ng	96
77) Pyrene	12.58	202	1999744	45.96	ng	100
79) Butylbenzylphthalate	13.21	149	865196	43.72	ng	100
80) Benzo(a)anthracene	13.77	228	1612812	48.18	ng	100
81) 3,3'-Dichlorobenzidine	13.74	252	379732	29.92	ng	# 95
82) Chrysene	13.81	228	1430320	42.60	ng	99
83) Bis(2-ethylhexyl)phthalate	13.79	149	1111526	47.70	ng	# 94
84) Di-n-octyl phthalate	14.39	149	2129727	49.34	ng	99
85) Indeno(1,2,3-cd)pyrene	16.43	276	1437079	49.41	ng	99
87) Benzo(b)fluoranthene	14.80	252	3009024	77.85	ng	100
88) Benzo(k)fluoranthene	14.80	252	3009024	91.30	ng	99
89) Benzo(a)pyrene	15.10	252	1496634	43.63	ng	98
90) Dibenzo(a,h)anthracene	16.44	278	1167898	41.42	ng	98
91) Benzo(g,h,i)perylene	16.80	276	1222875	41.71	ng	96

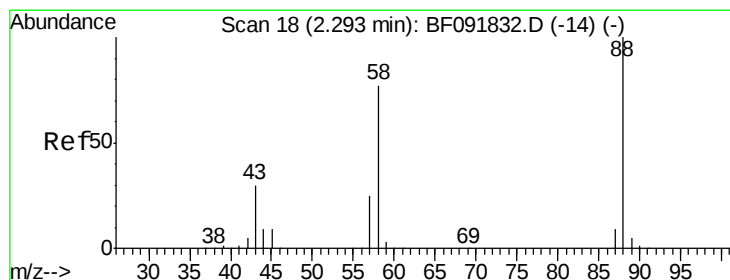
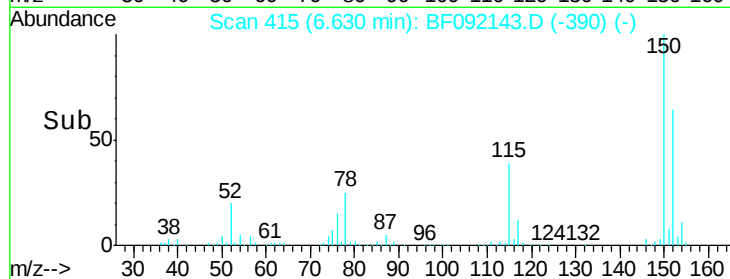
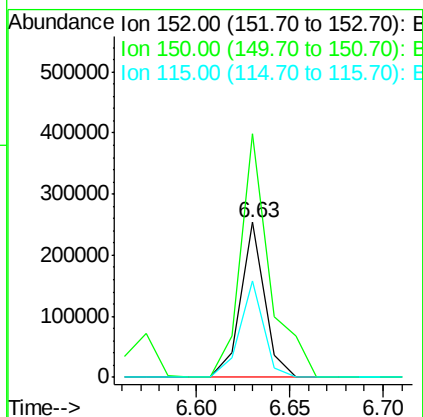
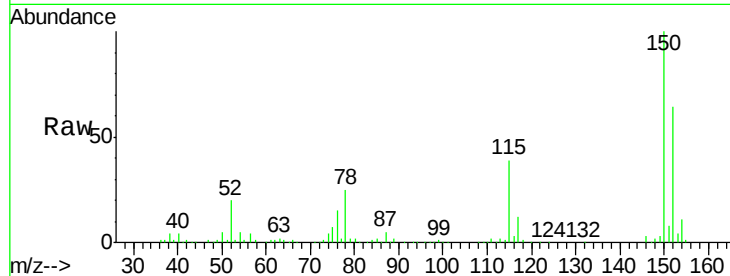
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.63 min Scan# 415
 Delta R.T. -0.01 min
 Lab File: BF092143.D
 Acq: 9 Jan 2017 17:54

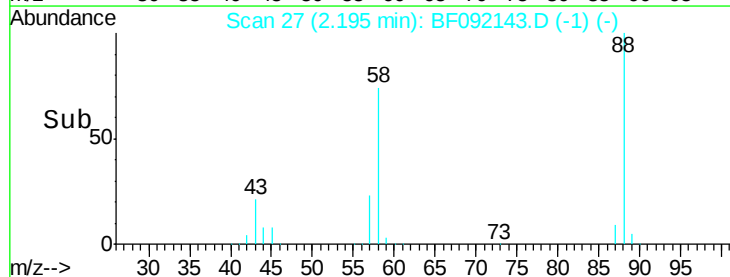
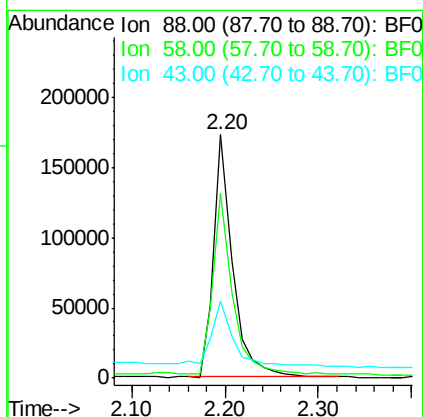
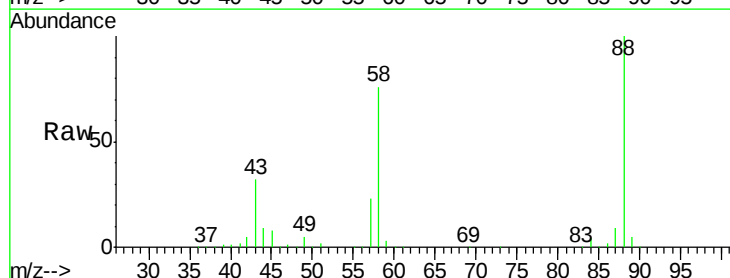
Instrument :
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 PB95818BS

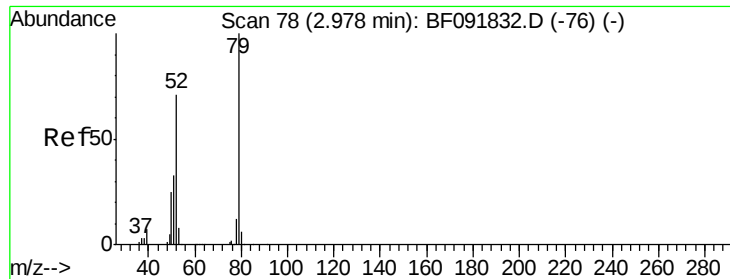
Tgt Ion:152 Resp: 226856
 Ion Ratio Lower Upper
 152 100
 150 157.4 124.9 187.3
 115 62.1 46.0 69.0



#2
 1,4-Dioxane
 Concen: 36.91 ng
 RT: 2.20 min Scan# 27
 Delta R.T. 0.11 min
 Lab File: BF092143.D
 Acq: 9 Jan 2017 17:54

Tgt Ion: 88 Resp: 246875
 Ion Ratio Lower Upper
 88 100
 58 75.5 57.8 86.8
 43 29.0 22.3 33.5





#3

Pyridine

Concen: 35.41 ng

RT: 2.82 min Scan# 82

Delta R.T. 0.09 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

Instrument :

BNA_F

ClientSampleId :

PB95818BS

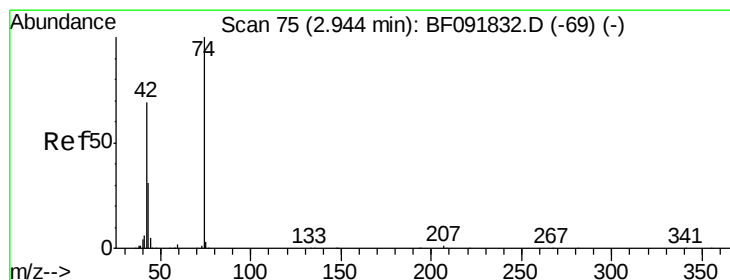
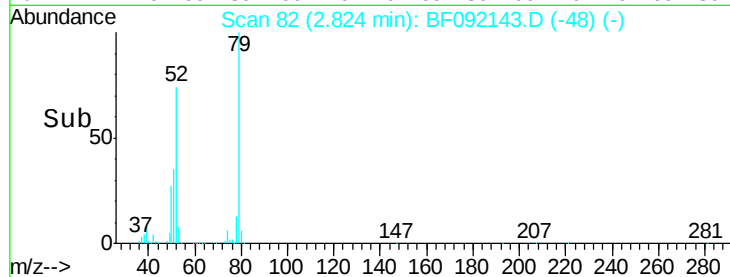
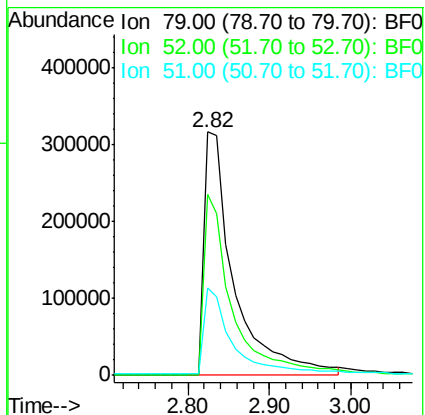
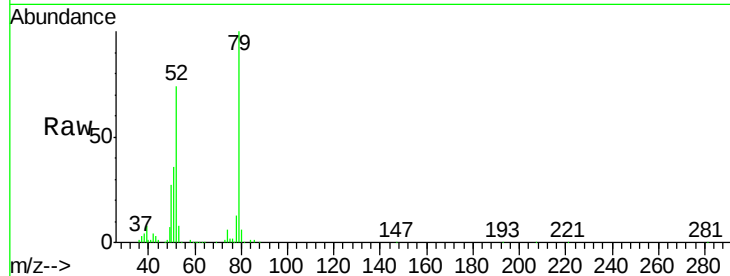
Tgt Ion: 79 Resp: 826703

Ion Ratio Lower Upper

79 100

52 74.2 57.1 85.7

51 36.0 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 38.18 ng

RT: 2.79 min Scan# 79

Delta R.T. 0.10 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

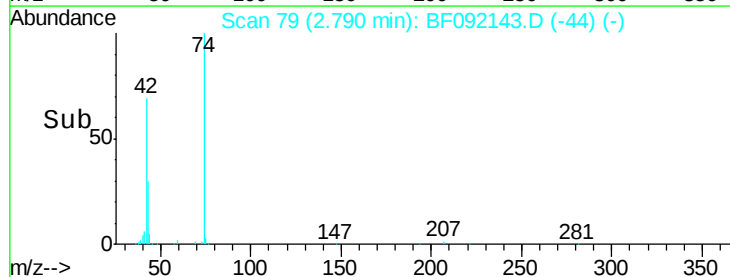
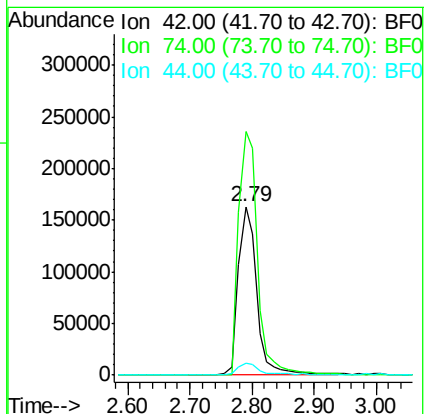
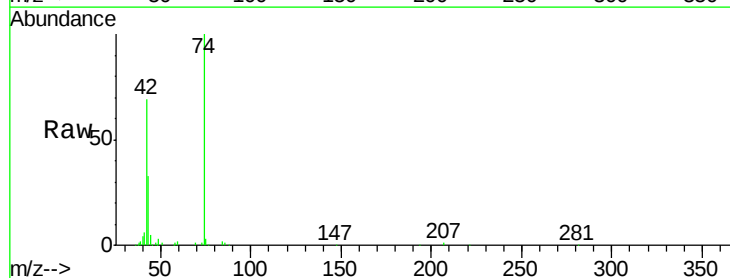
Tgt Ion: 42 Resp: 336235

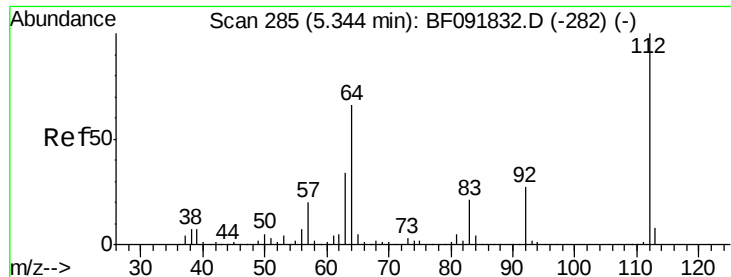
Ion Ratio Lower Upper

42 100

74 144.8 117.0 175.4

44 7.1 5.5 8.3





#5

2-Fluorophenol

Concen: 136.59 ng

RT: 5.25 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

Instrument :

BNA_F

ClientSampleId :

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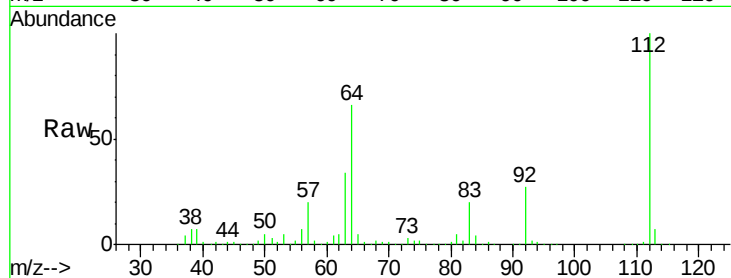
Tgt Ion: 112 Resp: 1855715

Ion Ratio Lower Upper

112 100

64 66.3 46.1 69.1

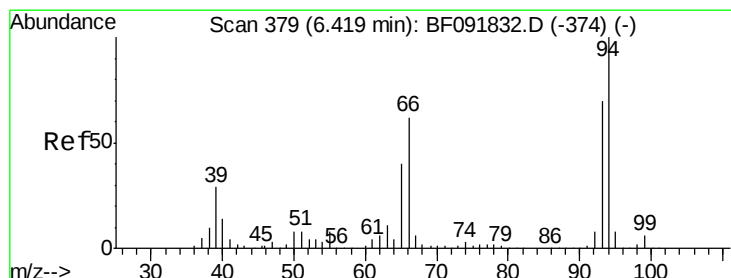
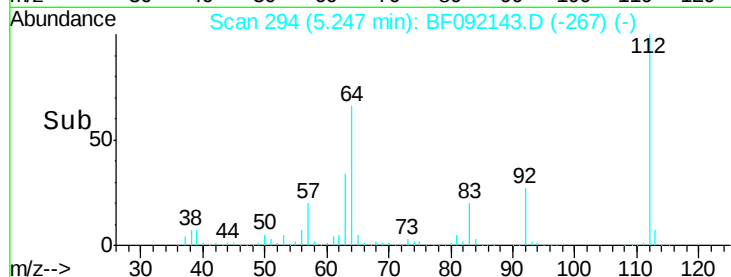
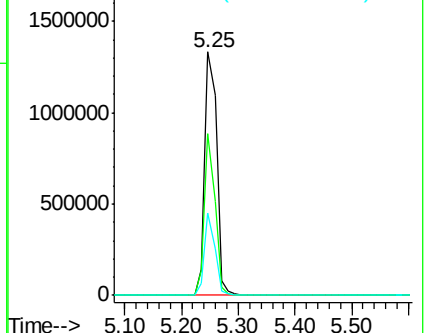
63 33.7 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 23.51 ng

RT: 6.30 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

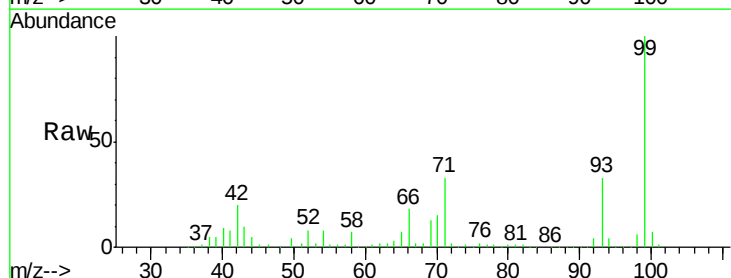
Tgt Ion: 93 Resp: 506465

Ion Ratio Lower Upper

93 100

66 52.7 76.2 114.2#

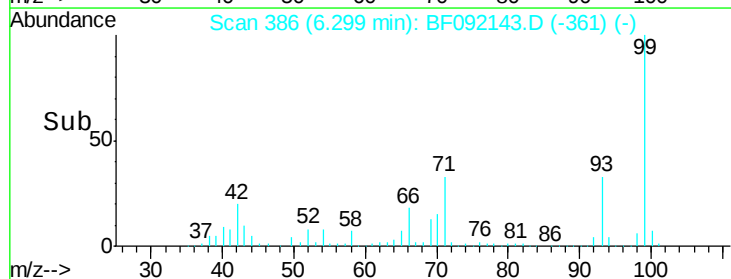
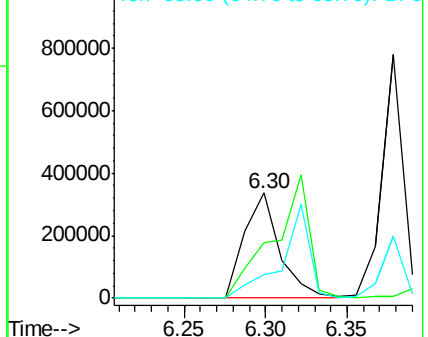
65 22.4 49.3 73.9#



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: 134.29 ng

RT: 6.31 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

Instrument :

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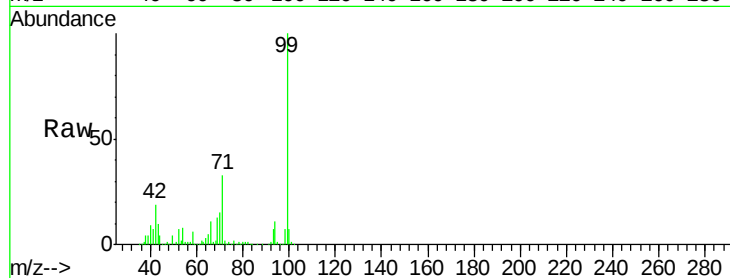
Tgt Ion: 99 Resp: 2227522

Ion Ratio Lower Upper

99 100

42 18.9 15.6 23.4

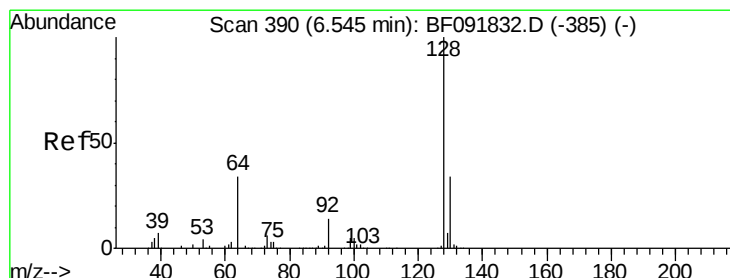
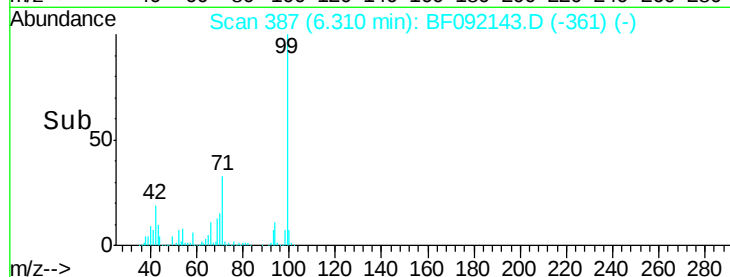
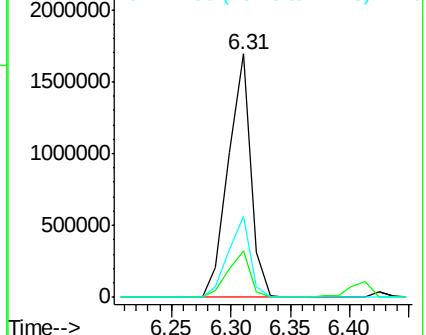
71 33.2 27.5 41.3



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: 43.74 ng

RT: 6.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

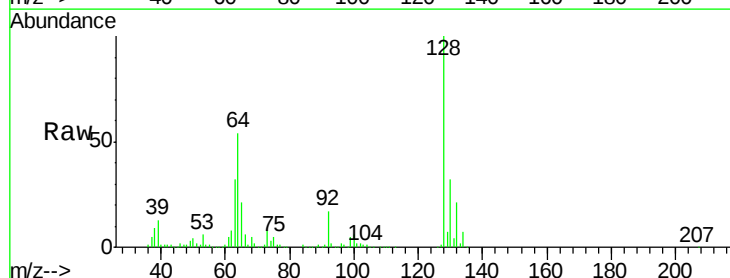
Tgt Ion: 128 Resp: 676025

Ion Ratio Lower Upper

128 100

130 31.7 12.3 52.3

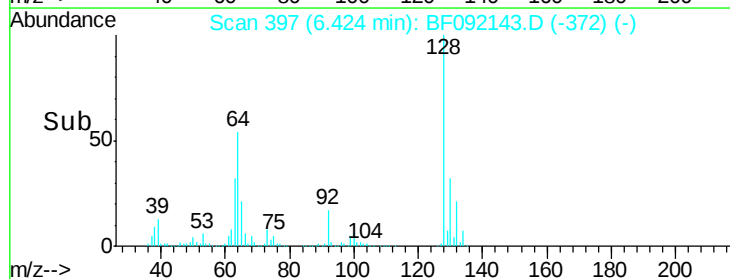
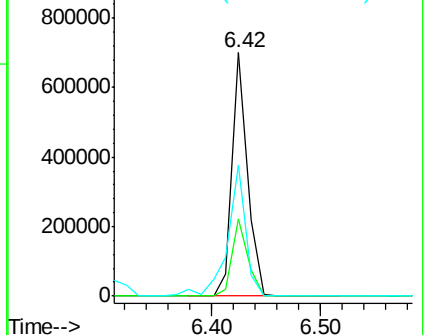
64 53.9 32.2 72.2

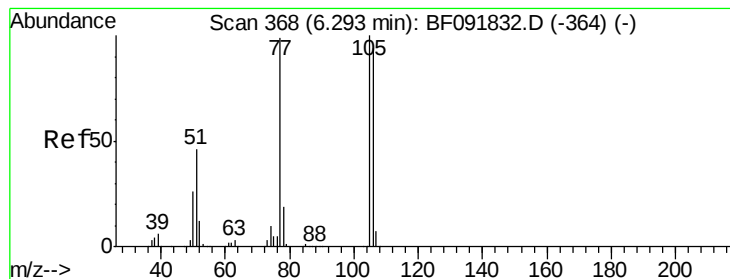


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 3.89 ng

RT: 6.17 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

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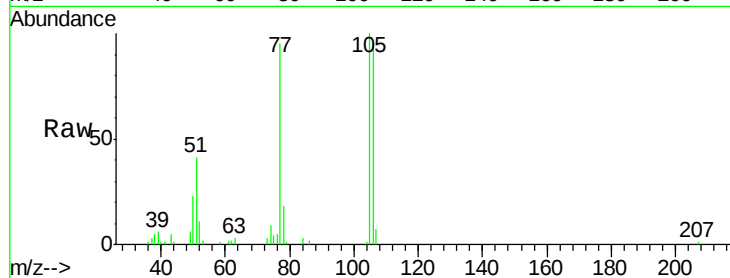
Tgt Ion: 77 Resp: 50806

Ion Ratio Lower Upper

77 100

105 104.9 83.9 123.9

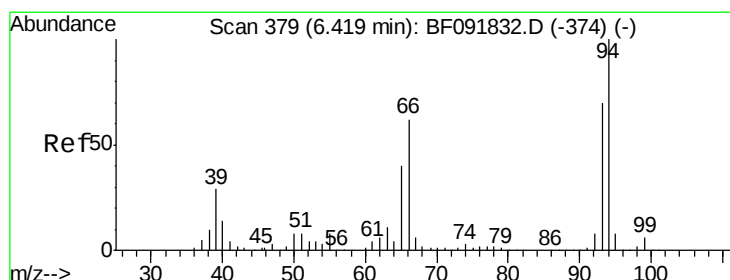
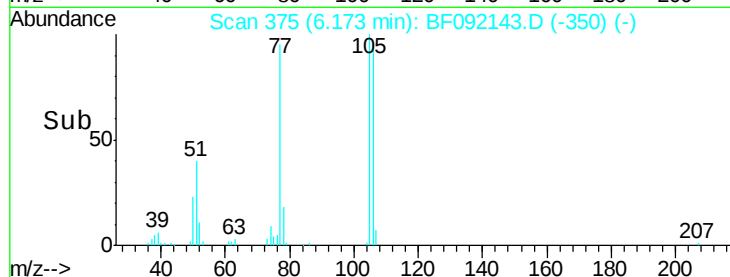
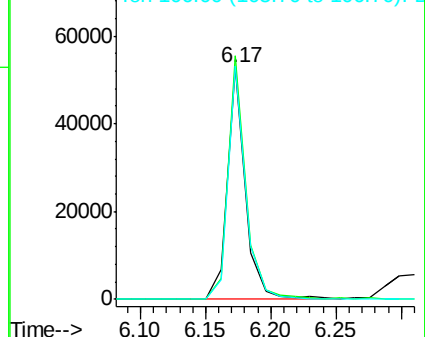
106 100.6 77.6 117.6



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: 48.50 ng

RT: 6.32 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

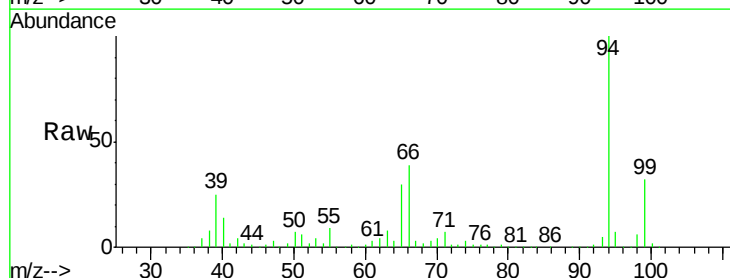
Tgt Ion: 94 Resp: 916714

Ion Ratio Lower Upper

94 100

65 30.1 21.4 61.4

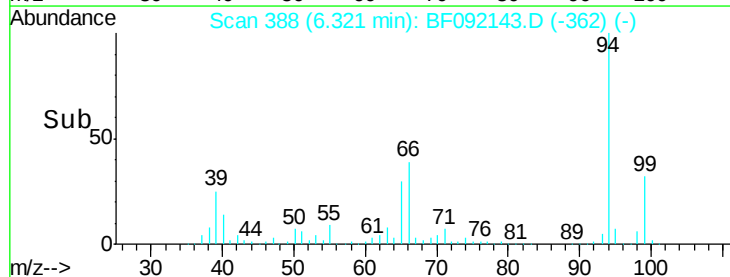
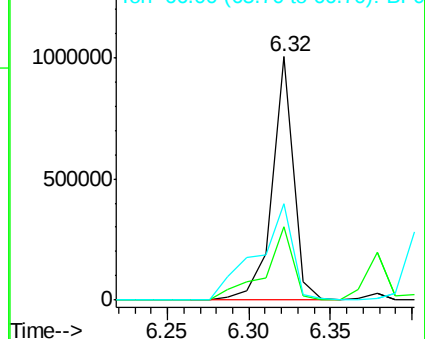
66 39.5 44.0 84.0#

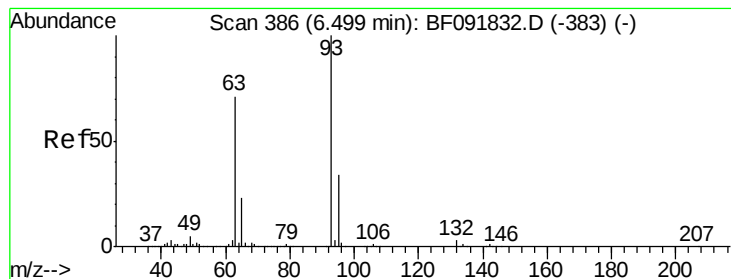


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 46.45 ng

RT: 6.38 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

Instrument :

BNA_F

ClientSampleId :

PB95818BS

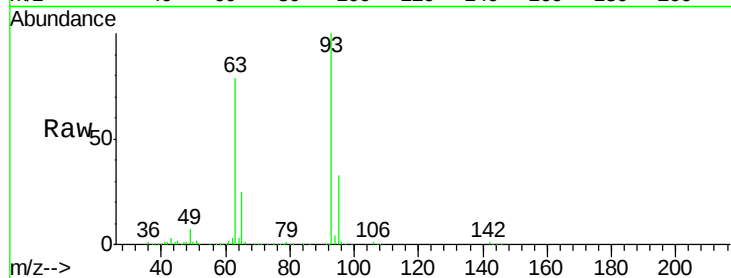
Tgt Ion: 93 Resp: 698576

Ion Ratio Lower Upper

93 100

63 78.8 60.4 100.4

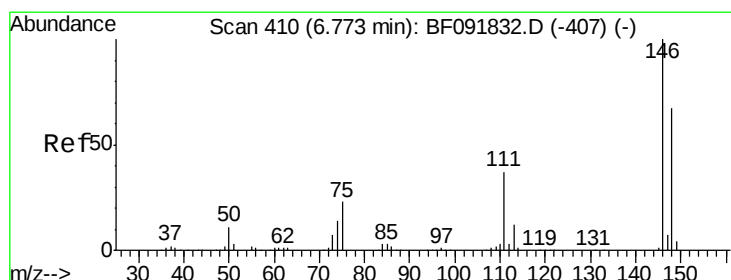
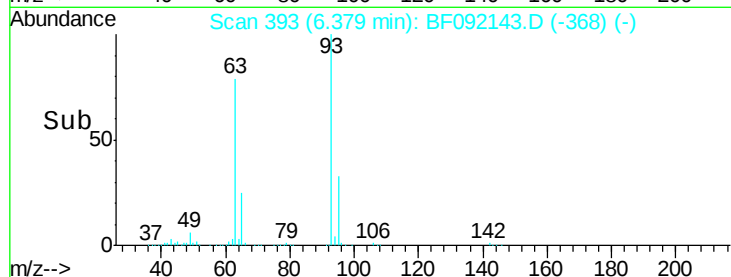
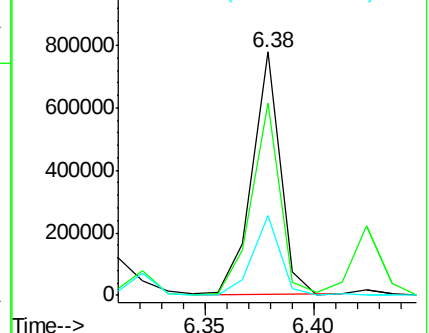
95 32.6 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 44.74 ng

RT: 6.57 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

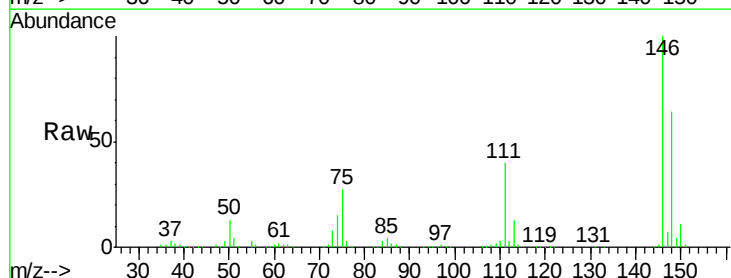
Tgt Ion: 146 Resp: 738209

Ion Ratio Lower Upper

146 100

148 64.0 53.4 80.0

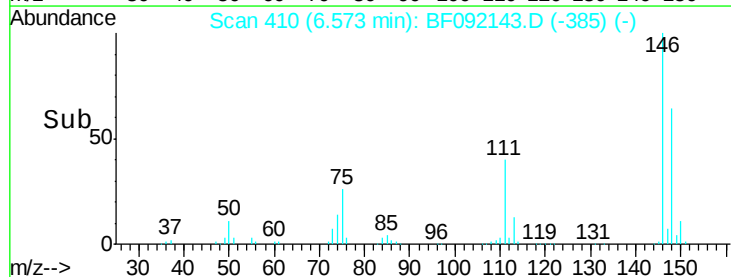
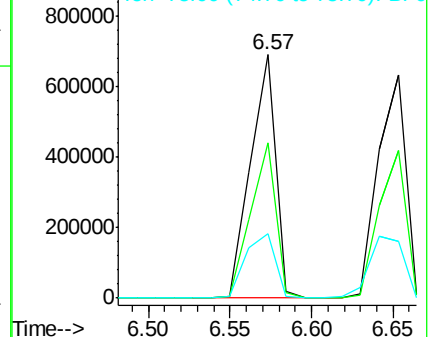
75 26.6 18.5 27.7

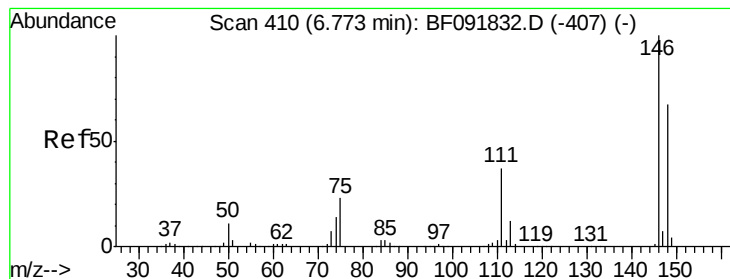


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 43.98 ng

RT: 6.65 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

Instrument :

BNA_F

ClientSampleId :

PB95818BS

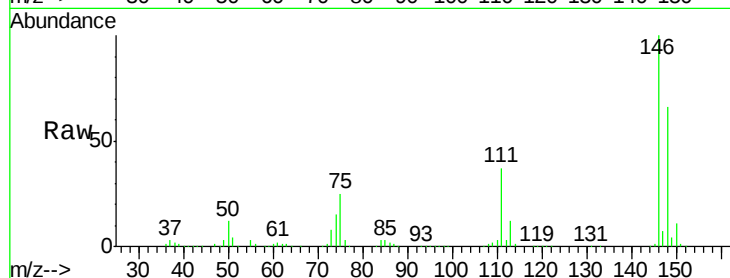
Tgt Ion:146 Resp: 738592

Ion Ratio Lower Upper

146 100

148 66.1 50.6 76.0

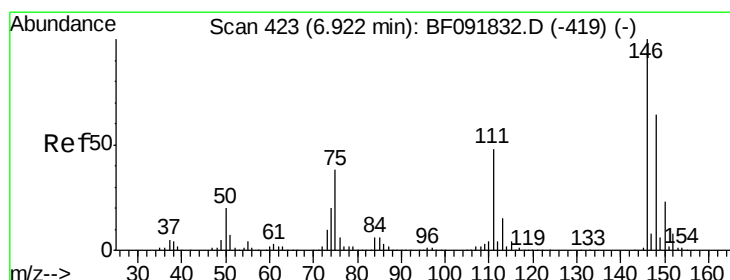
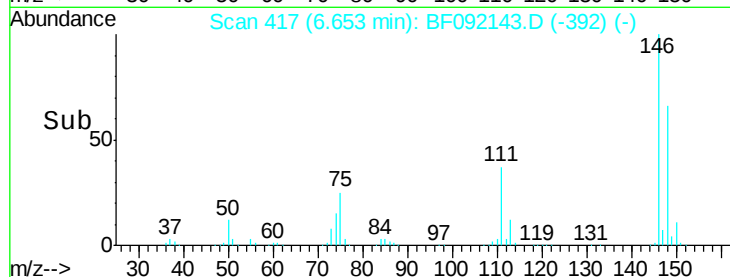
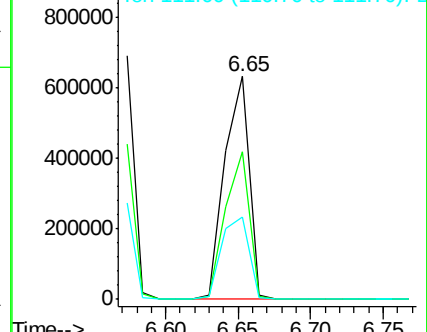
111 37.1 36.2 54.4



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: 42.81 ng

RT: 6.80 min Scan# 430

Delta R.T. -0.01 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

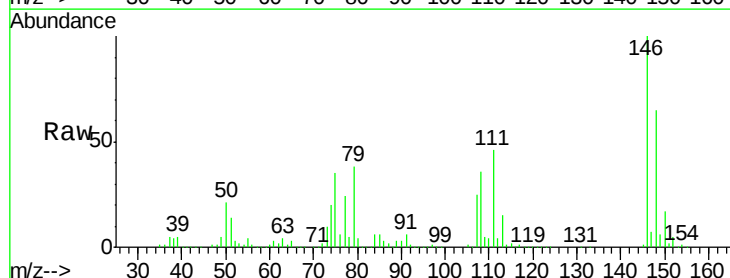
Tgt Ion:146 Resp: 623801

Ion Ratio Lower Upper

146 100

148 64.9 52.2 78.2

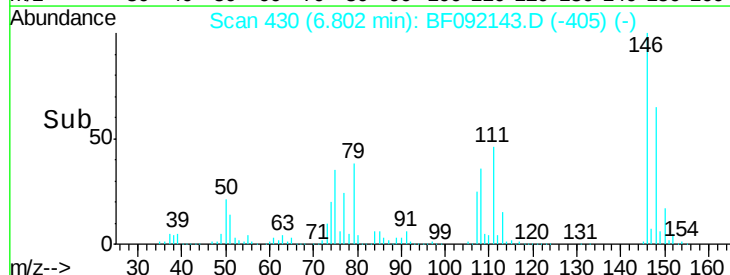
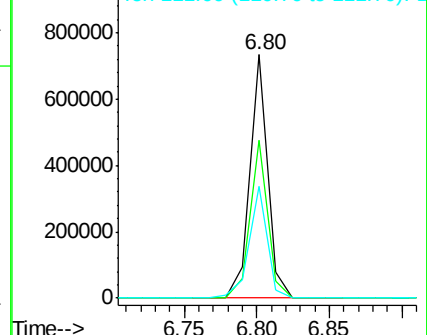
111 45.9 36.2 54.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.54 ng

RT: 6.79 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

Instrument :

BNA_F

ClientSampleId :

PB95818BS

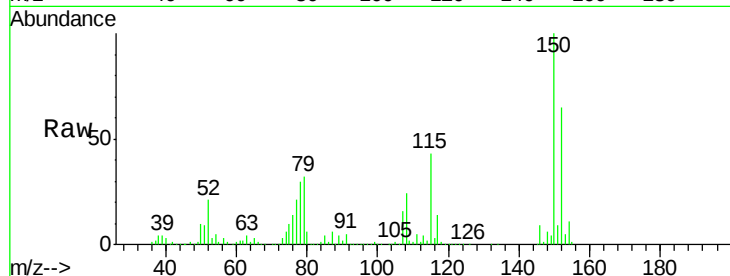
Tgt Ion: 79 Resp: 548256

Ion Ratio Lower Upper

79 100

108 73.9 61.4 92.0

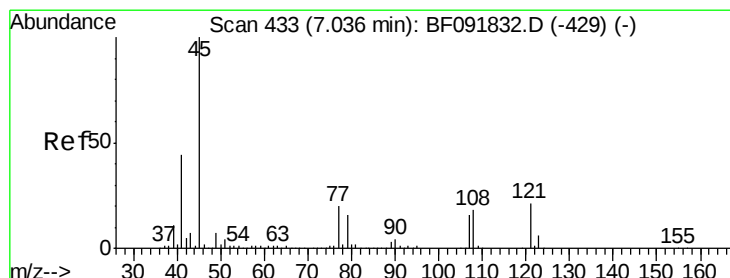
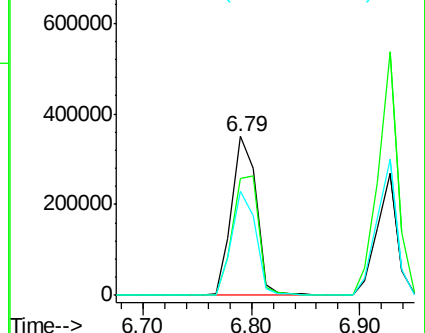
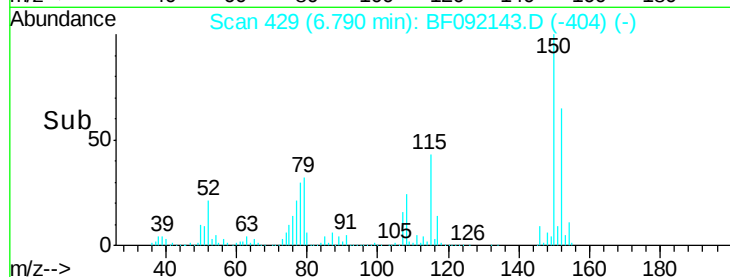
77 65.7 50.9 76.3



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: 43.41 ng

RT: 6.93 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

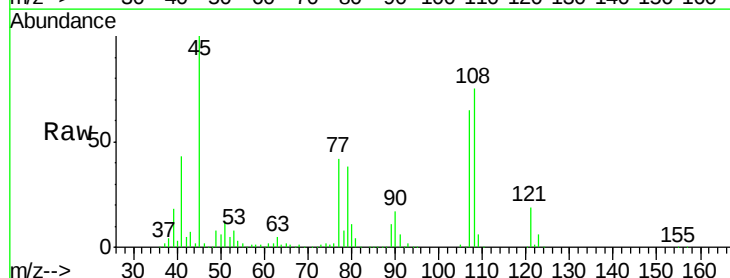
Tgt Ion: 45 Resp: 972286

Ion Ratio Lower Upper

45 100

77 41.9 0.0 34.6#

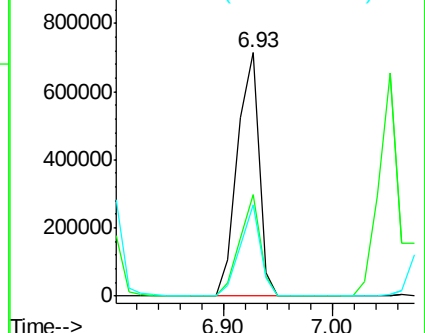
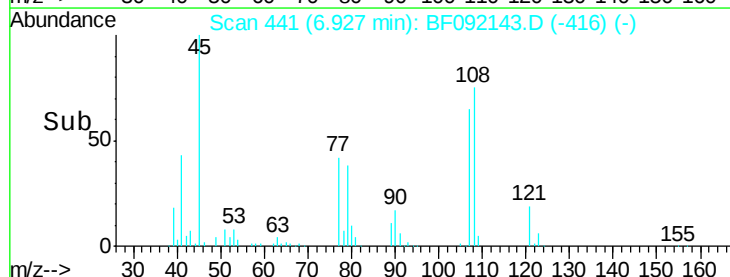
79 37.6 0.0 31.2#

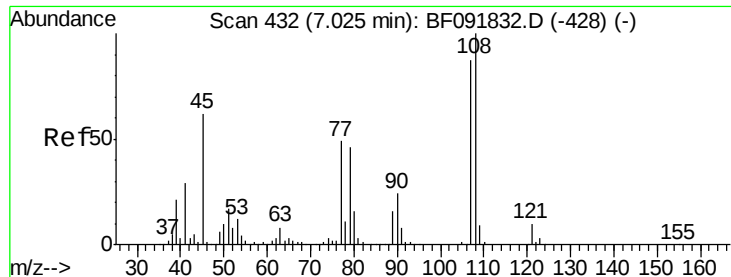


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

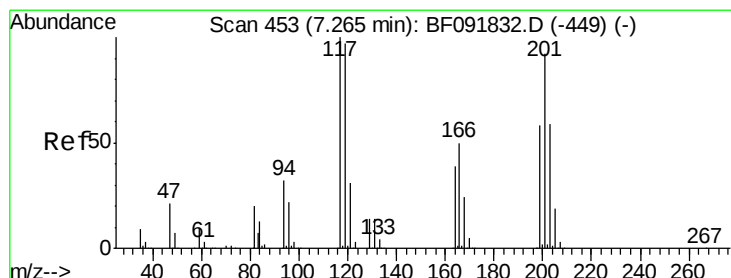
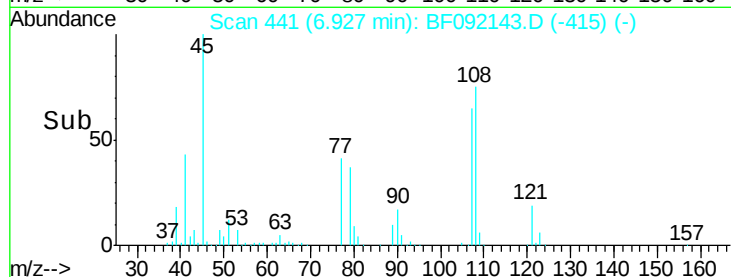
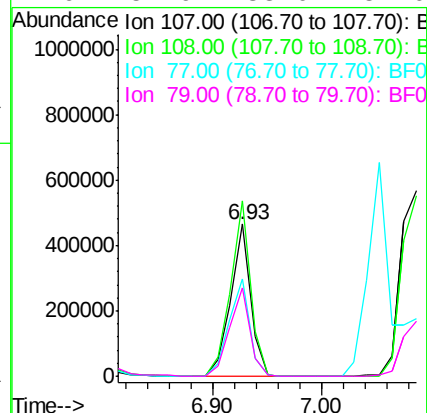
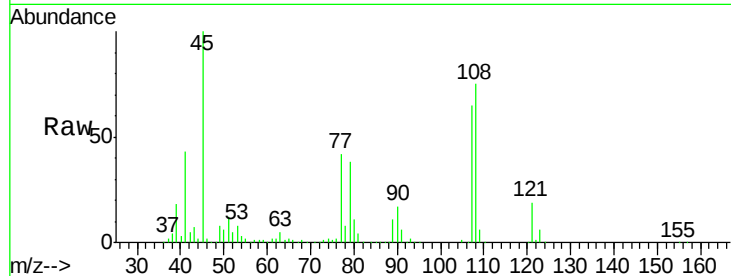




#17
2-Methylphenol
Concen: 47.26 ng
RT: 6.93 min Scan# 441
Delta R.T. 0.00 min
Lab File: BF092143.D
Acq: 9 Jan 2017 17:54

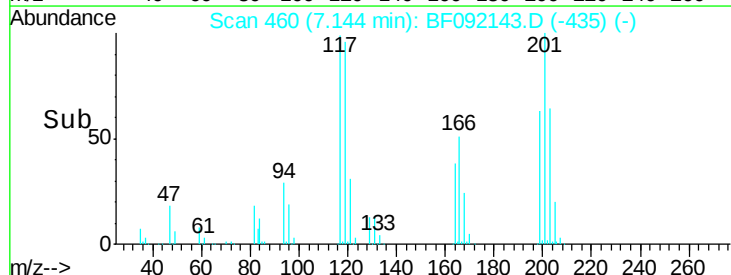
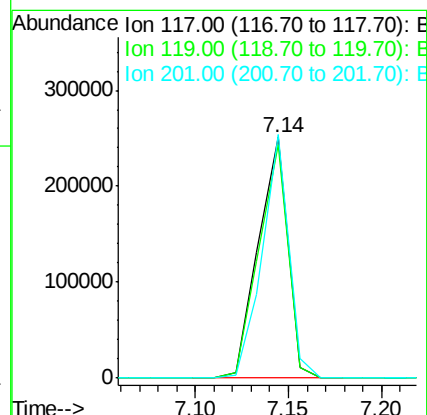
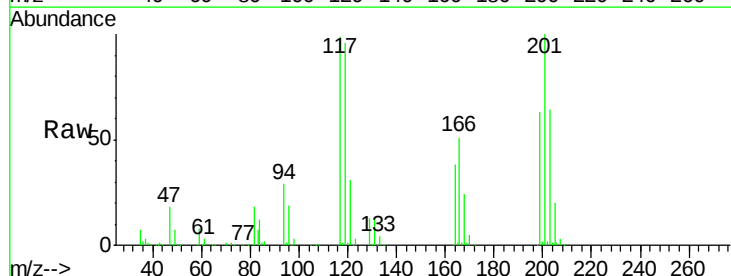
Instrument :
BNA_F
ClientSampleId :
PB95818BS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	115.5	93.0	139.6
77	64.5	39.8	59.8#
79	57.9	38.0	57.0#



#18
Hexachloroethane
Concen: 44.09 ng
RT: 7.14 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF092143.D
Acq: 9 Jan 2017 17:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	78.1	117.1
201	101.0	78.6	117.8

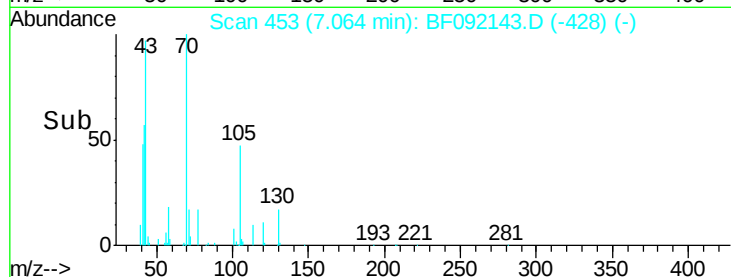
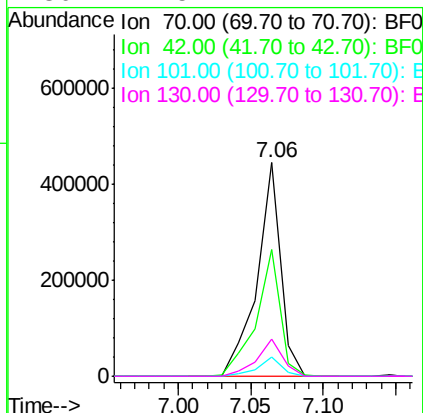
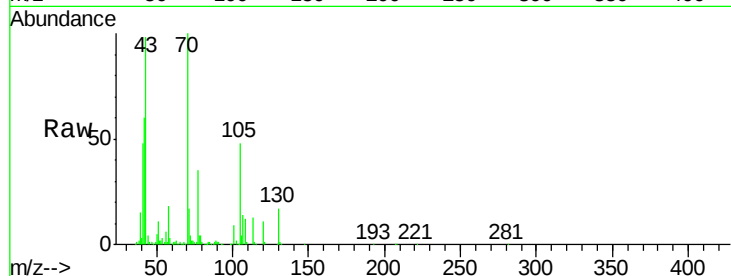




#19
n-Nitroso-di-n-propylamine
Concen: 45.81 ng
RT: 7.06 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF092143.D
Acq: 9 Jan 2017 17:54

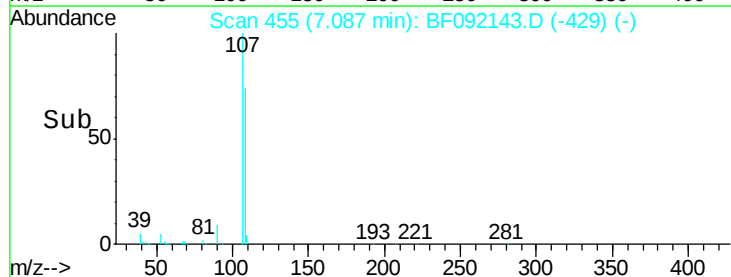
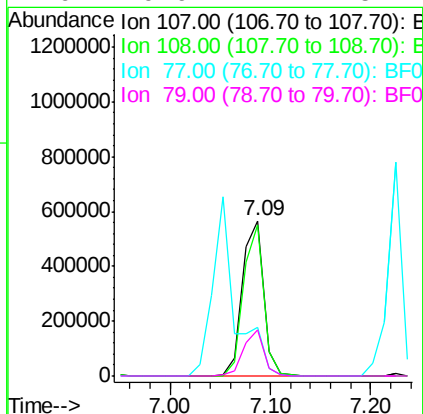
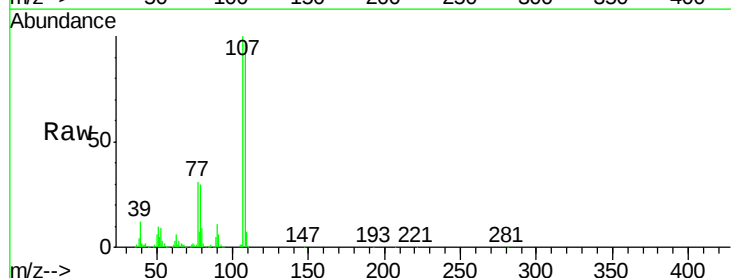
Instrument :
BNA_F
ClientSampleId :
PB95818BS

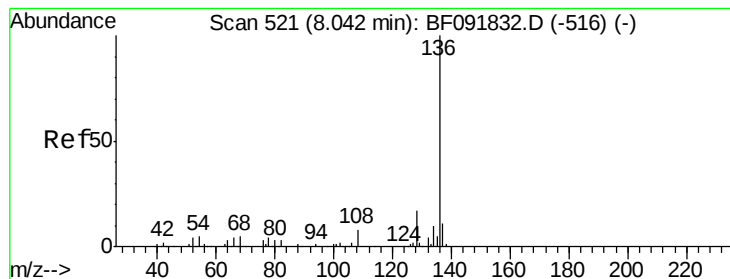
Tgt Ion:	70	Resp:	505552
Ion	Ratio	Lower	Upper
70	100		
42	59.6	49.4	74.0
101	8.7	7.4	11.2
130	17.5	14.2	21.4



#20
3+4-Methylphenols
Concen: 56.17 ng
RT: 7.09 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF092143.D
Acq: 9 Jan 2017 17:54

Tgt Ion:	107	Resp:	832675
Ion	Ratio	Lower	Upper
107	100		
108	97.2	73.0	113.0
77	31.4	71.3	111.3#
79	29.9	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

Instrument :

BNA_F

ClientSampleId :

PB95818BS

Tgt Ion:136 Resp: 972922

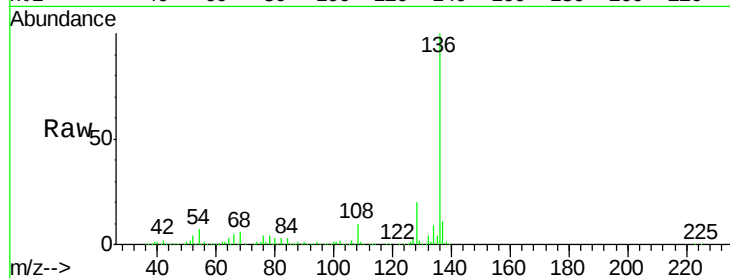
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 7.3 4.5 6.7#

68 6.1 3.6 5.4#



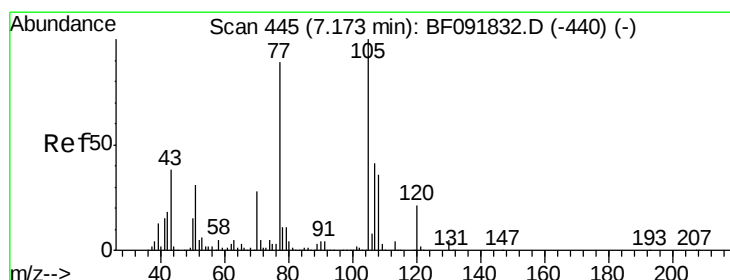
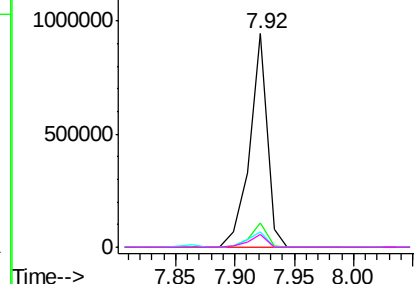
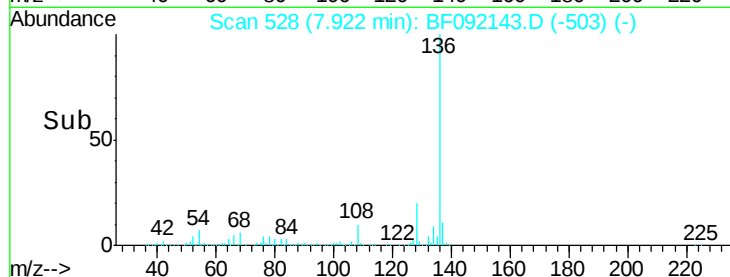
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 43.10 ng

RT: 7.05 min Scan# 452

Delta R.T. -0.01 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

Tgt Ion:105 Resp: 1034363

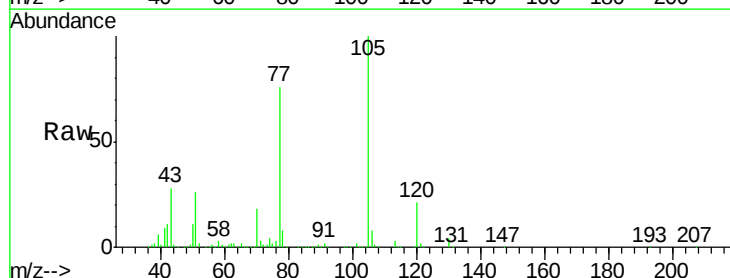
Ion Ratio Lower Upper

105 100

71 2.9 3.2 4.8#

51 25.6 26.2 39.4#

120 21.4 16.6 24.8



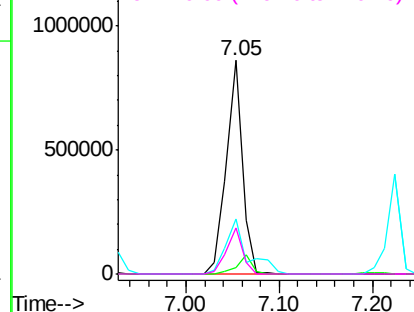
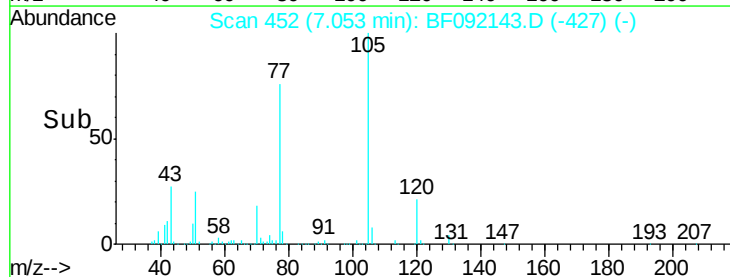
Abundance

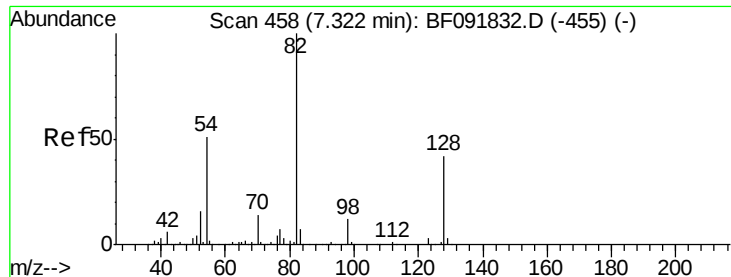
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

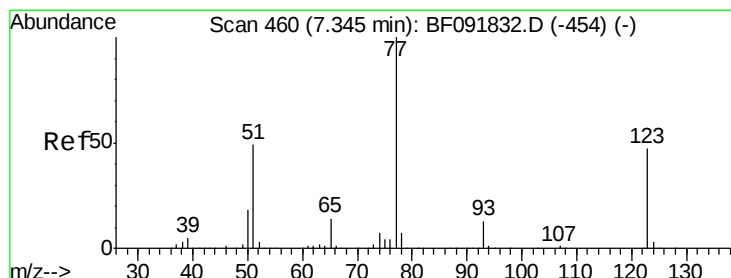
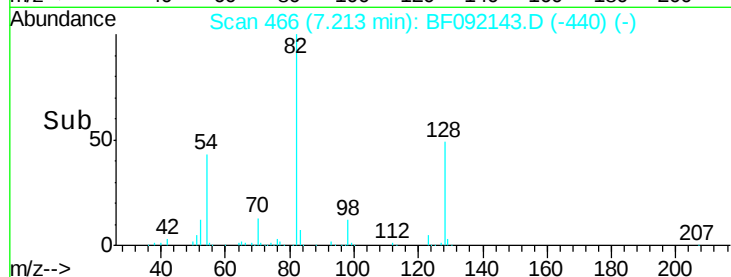
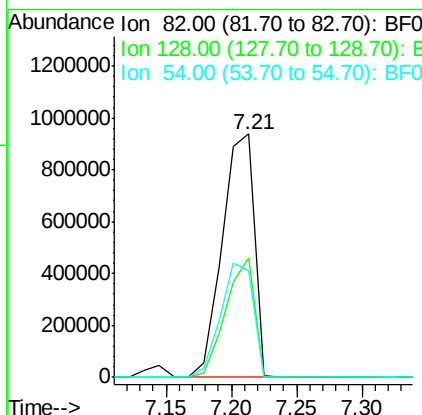
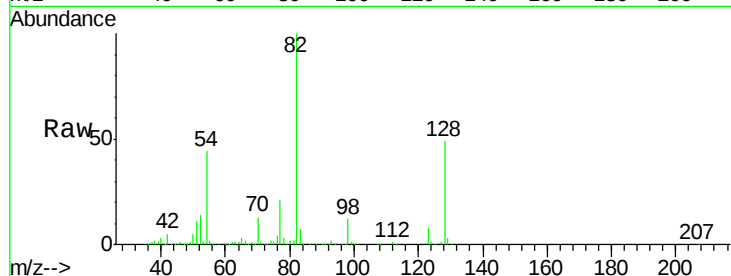




#23
 Nitrobenzene-d5
 Concen: 90.90 ng
 RT: 7.21 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF092143.D
 Acq: 9 Jan 2017 17:54

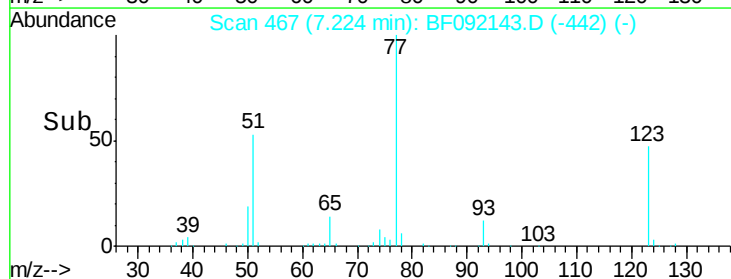
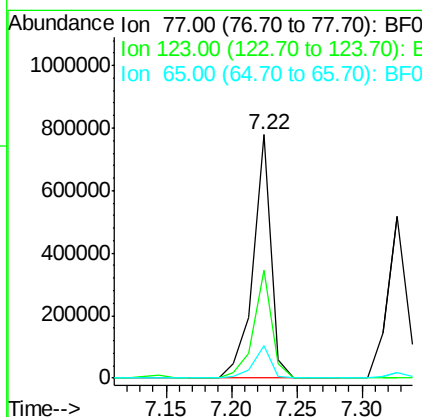
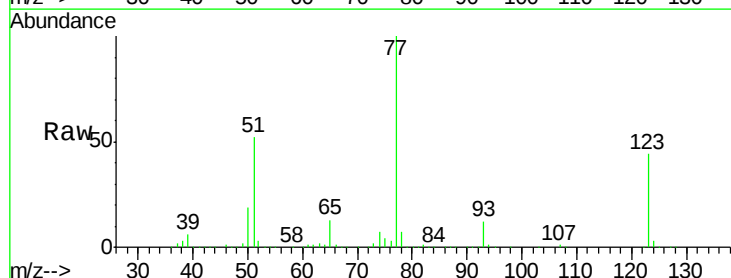
Instrument :
 BNA_F
 ClientSampleId :
 PB95818BS

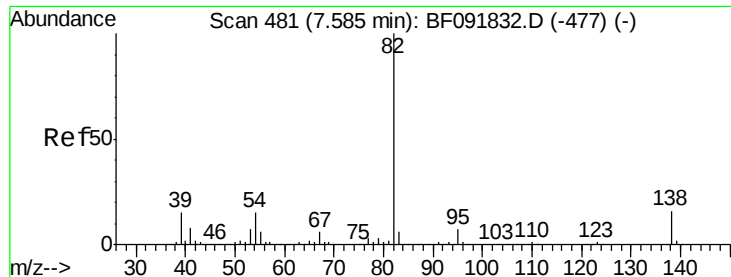
Tgt Ion: 82 Resp: 1590378
 Ion Ratio Lower Upper
 82 100
 128 49.0 34.6 52.0
 54 44.0 39.5 59.3



#24
 Nitrobenzene
 Concen: 39.83 ng
 RT: 7.22 min Scan# 467
 Delta R.T. -0.01 min
 Lab File: BF092143.D
 Acq: 9 Jan 2017 17:54

Tgt Ion: 77 Resp: 742223
 Ion Ratio Lower Upper
 77 100
 123 44.2 33.0 49.4
 65 13.5 11.2 16.8





#25

Isophorone

Concen: 44.04 ng

RT: 7.46 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

Instrument :

BNA_F

ClientSampleId :

PB95818BS

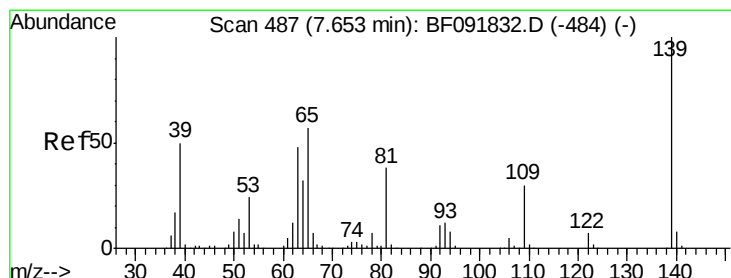
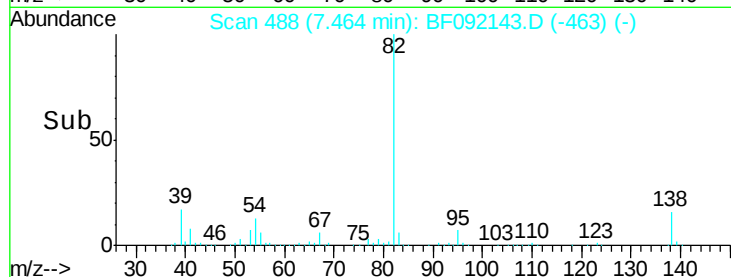
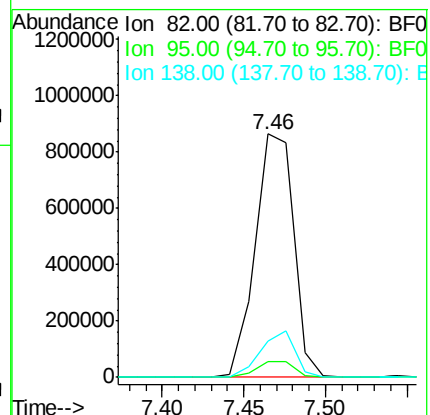
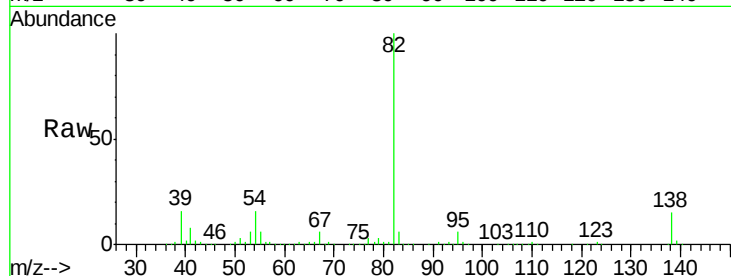
Tgt Ion: 82 Resp: 1421649

Ion Ratio Lower Upper

82 100

95 6.3 5.6 8.4

138 14.9 14.6 22.0



#26

2-Nitrophenol

Concen: 45.76 ng

RT: 7.54 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

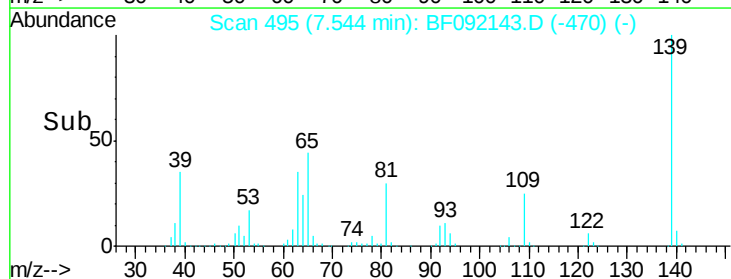
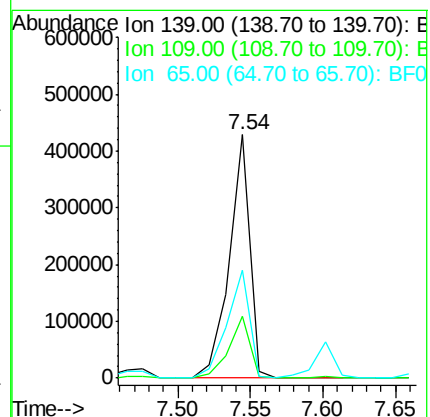
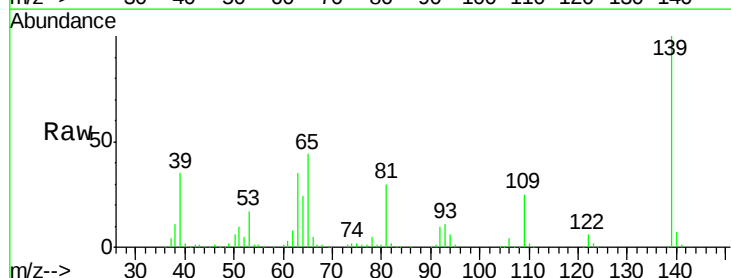
Tgt Ion: 139 Resp: 420575

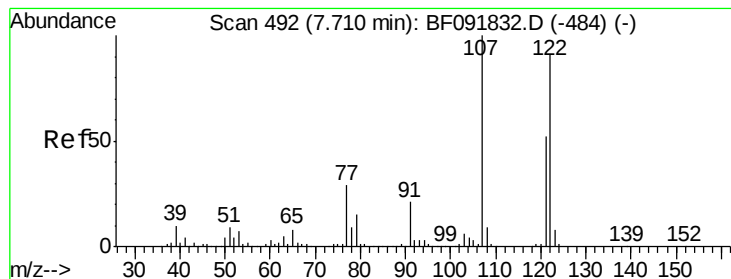
Ion Ratio Lower Upper

139 100

109 25.4 23.3 34.9

65 44.5 42.7 64.1





#27

2,4-Dimethylphenol

Concen: 40.33 ng

RT: 7.60 min Scan# 500

Delta R.T. -0.01 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

Instrument :

BNA_F

ClientSampleId :

PB95818BS

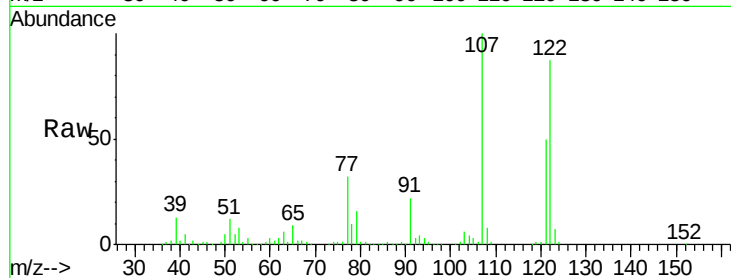
Tgt Ion:122 Resp: 614660

Ion Ratio Lower Upper

122 100

107 115.3 94.1 141.1

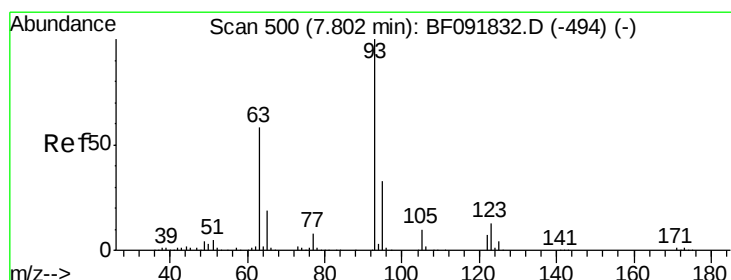
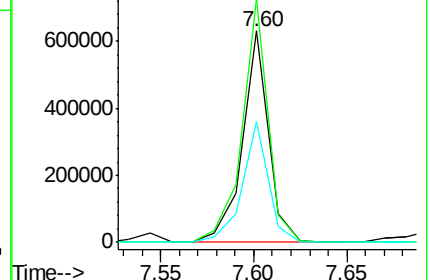
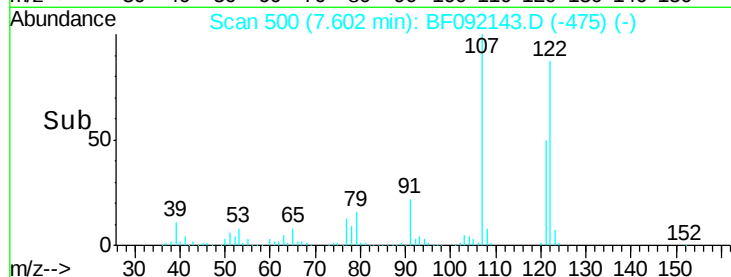
121 57.1 46.0 69.0



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: 43.31 ng

RT: 7.68 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

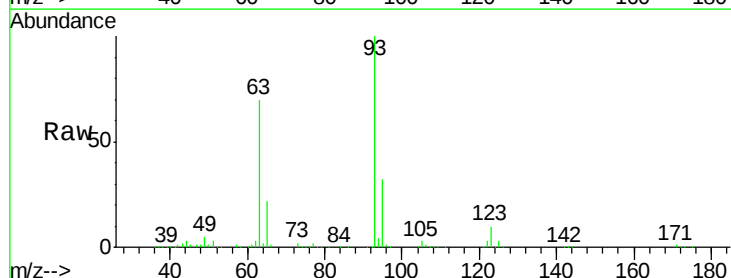
Tgt Ion: 93 Resp: 847883

Ion Ratio Lower Upper

93 100

95 32.2 26.5 39.7

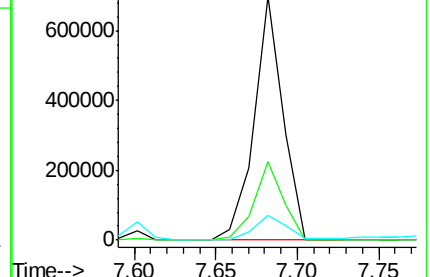
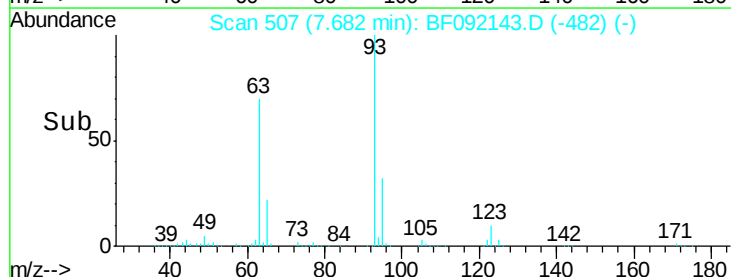
123 10.1 8.6 13.0

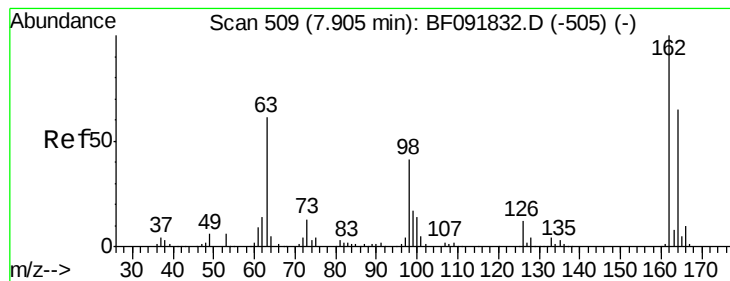


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

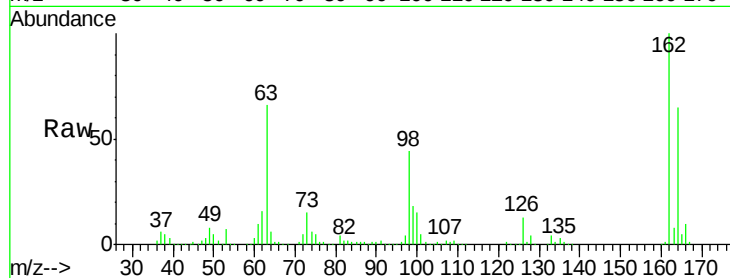




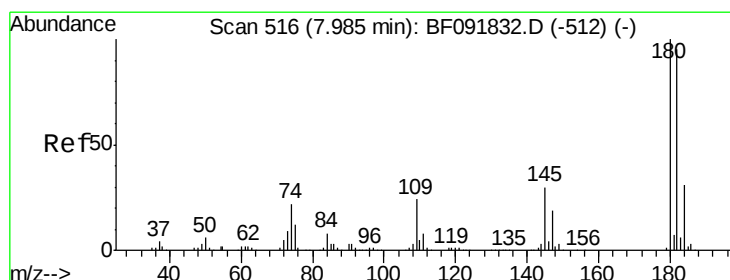
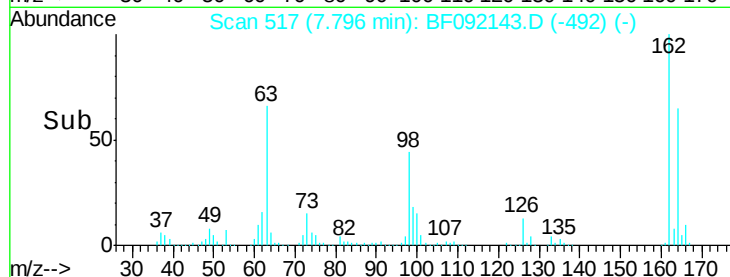
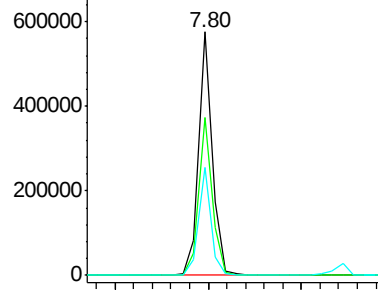
#29
 2,4-Dichlorophenol
 Concen: 45.34 ng
 RT: 7.80 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF092143.D
 Acq: 9 Jan 2017 17:54

Instrument :
 BNA_F
 ClientSampleId :
 PB95818BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.6	46.8	86.8
98	44.3	9.1	49.1

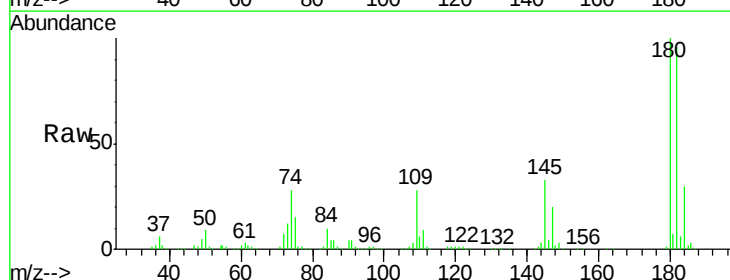


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

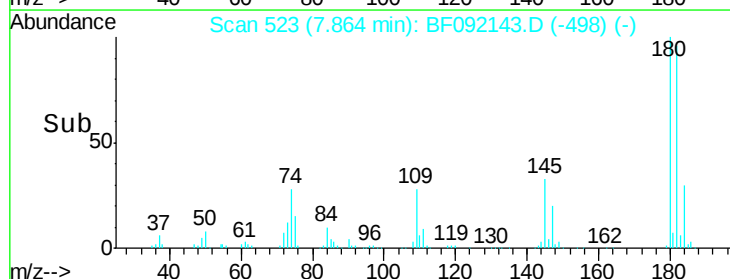
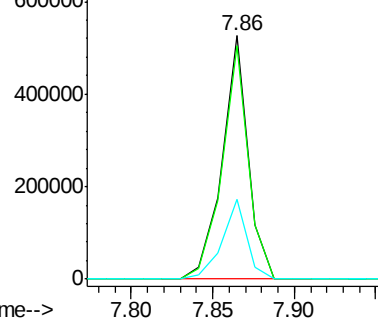


#30
 1,2,4-Trichlorobenzene
 Concen: 41.00 ng
 RT: 7.86 min Scan# 523
 Delta R.T. -0.01 min
 Lab File: BF092143.D
 Acq: 9 Jan 2017 17:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	78.2	117.4
145	32.8	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: 45.63 ng

RT: 7.94 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

Instrument :

BNA_F

ClientSampleId :

PB95818BS

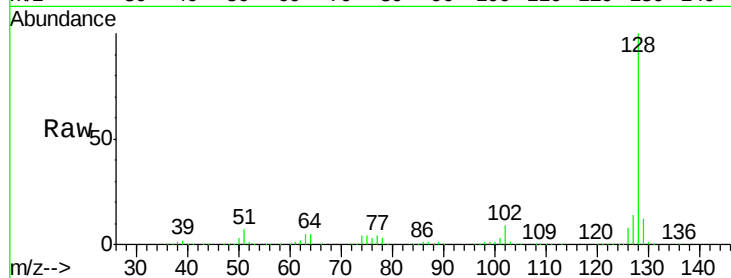
Tgt Ion:128 Resp: 2031709

Ion Ratio Lower Upper

128 100

129 11.7 9.5 14.3

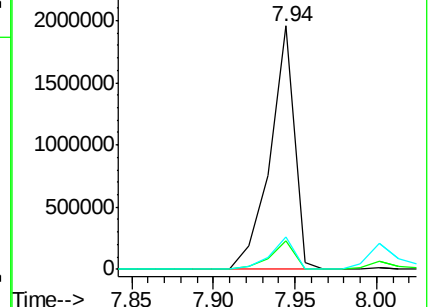
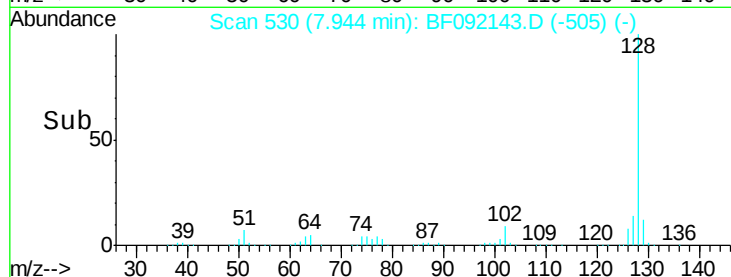
127 13.5 10.8 16.2



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: 41.14 ng

RT: 7.77 min Scan# 515

Delta R.T. 0.02 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

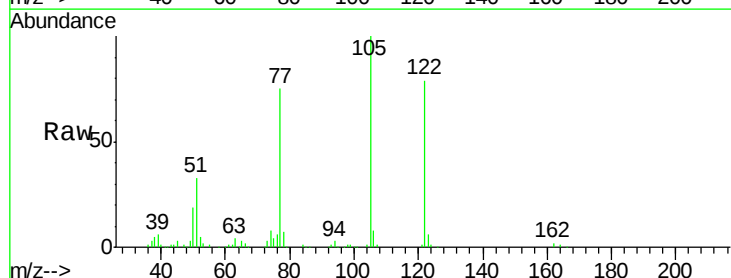
Tgt Ion:122 Resp: 465060

Ion Ratio Lower Upper

122 100

105 126.4 107.2 147.2

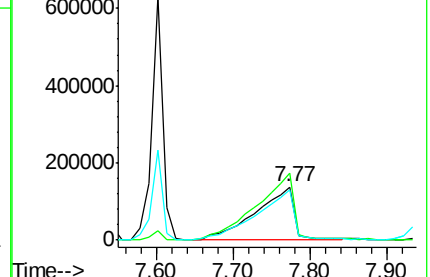
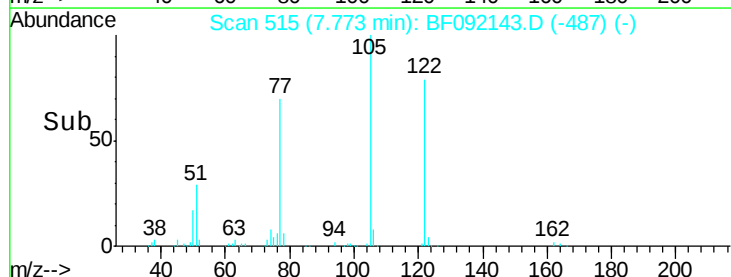
77 94.4 74.5 114.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

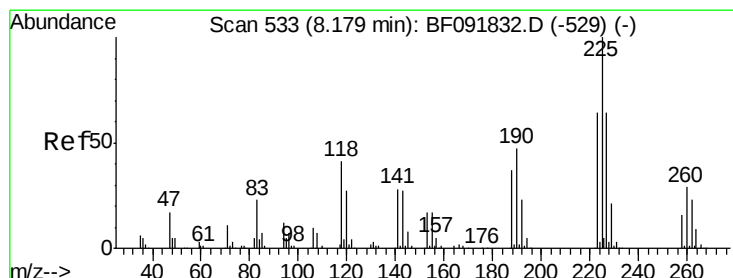
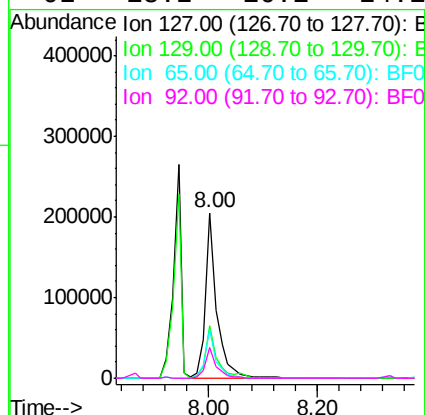
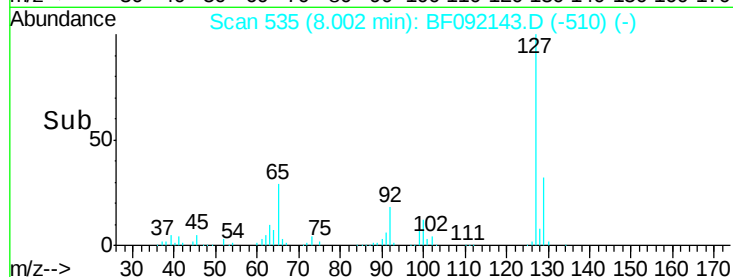
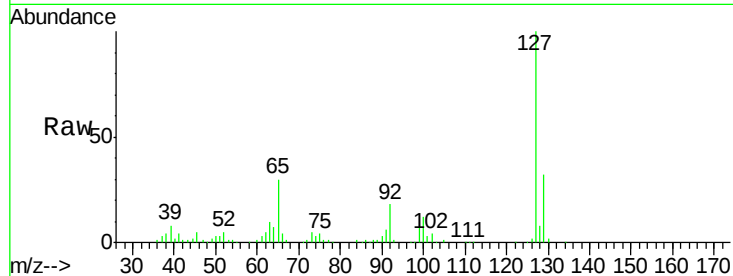




#33
4-Chloroaniline
Concen: 14.68 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF092143.D
Acq: 9 Jan 2017 17:54

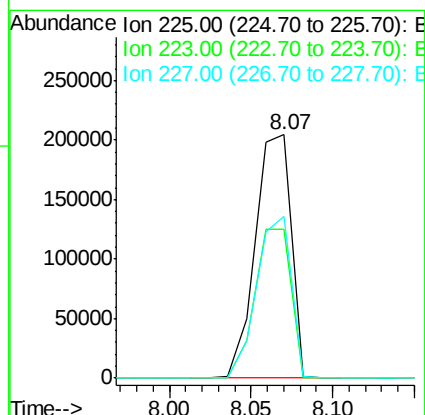
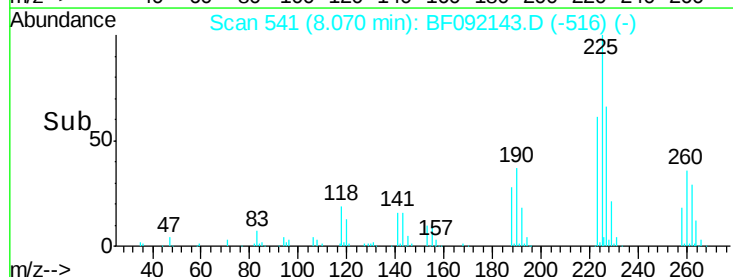
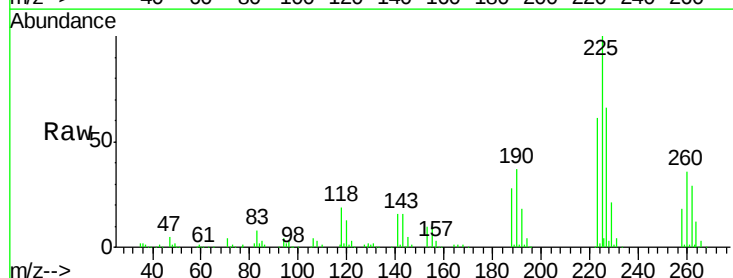
Instrument :
BNA_F
ClientSampleId :
PB95818BS

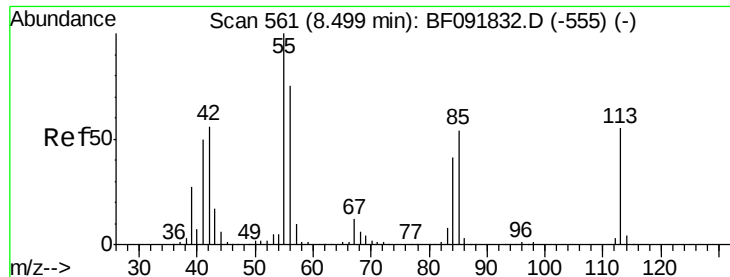
Tgt Ion:	127	Resp:	294663
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.3	39.5
65	29.7	25.8	38.8
92	18.2	16.1	24.1



#34
Hexachlorobutadiene
Concen: 41.78 ng
RT: 8.07 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF092143.D
Acq: 9 Jan 2017 17:54

Tgt Ion:	225	Resp:	311907
Ion	Ratio	Lower	Upper
225	100		
223	61.3	51.0	76.6
227	66.5	50.6	76.0

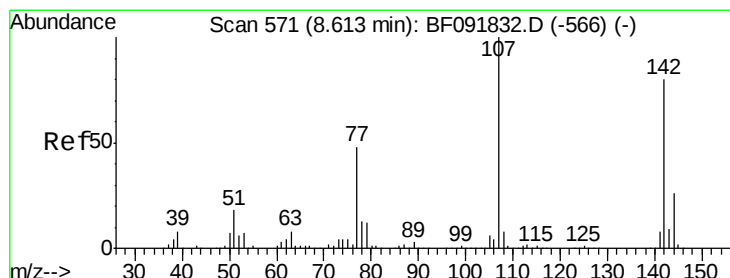
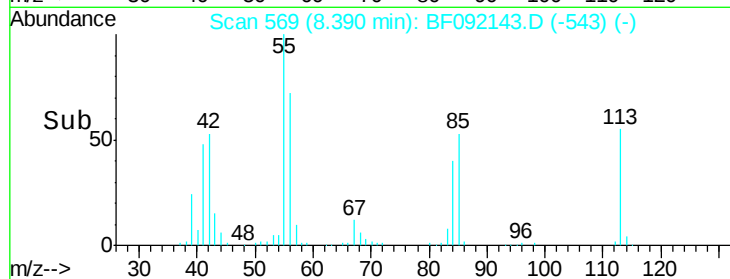
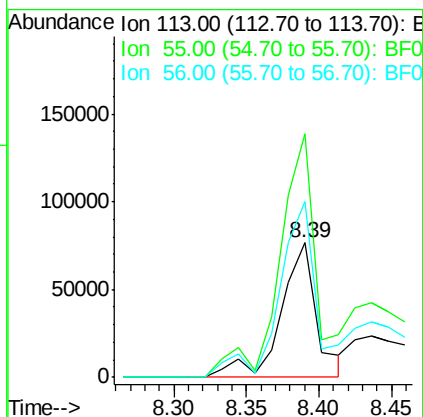
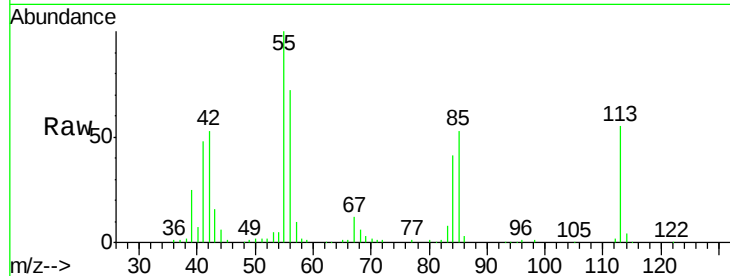




#35
 Caprolactam
 Concen: 30.88 ng
 RT: 8.39 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: BF092143.D
 Acq: 9 Jan 2017 17:54

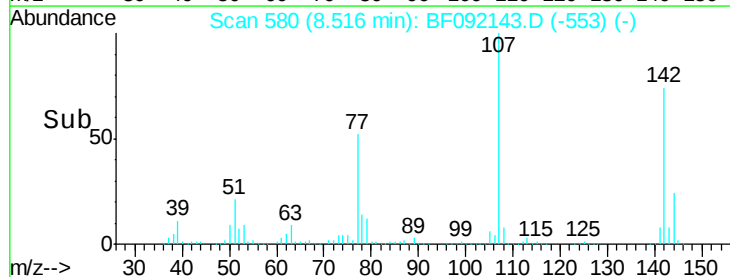
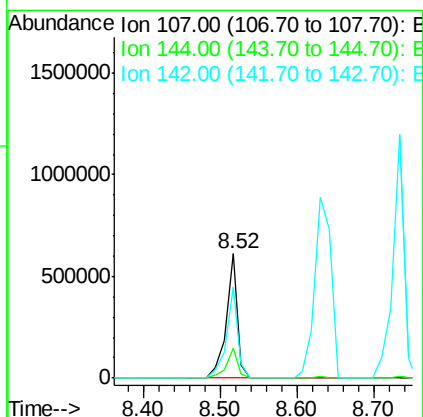
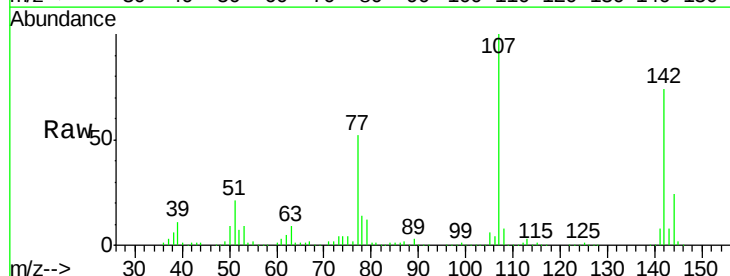
Instrument :
 BNA_F
 ClientSampleId :
 PB95818BS

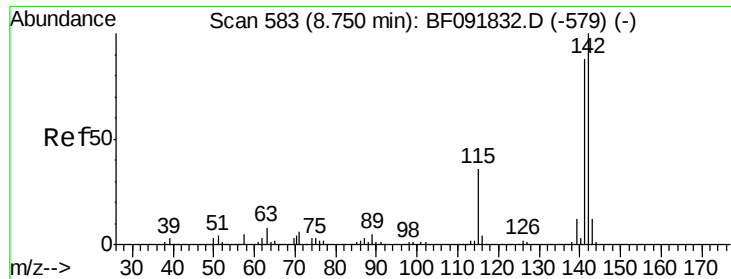
Tgt Ion:113 Resp: 130976
 Ion Ratio Lower Upper
 113 100
 55 180.7 119.2 159.2#
 56 130.5 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 42.84 ng
 RT: 8.52 min Scan# 580
 Delta R.T. 0.01 min
 Lab File: BF092143.D
 Acq: 9 Jan 2017 17:54

Tgt Ion:107 Resp: 636277
 Ion Ratio Lower Upper
 107 100
 144 23.8 19.3 28.9
 142 73.8 59.0 88.6

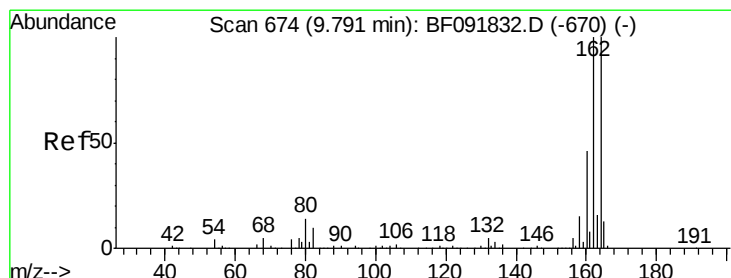
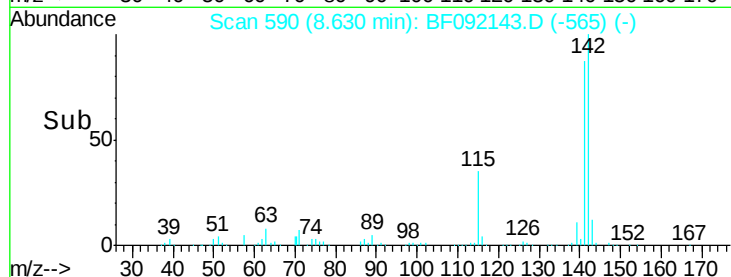
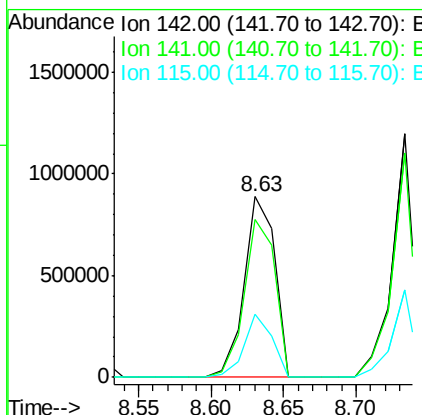
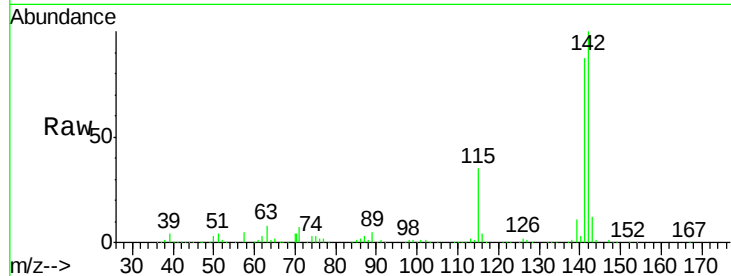




#37
2-Methylnaphthalene
Concen: 50.37 ng
RT: 8.63 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF092143.D
Acq: 9 Jan 2017 17:54

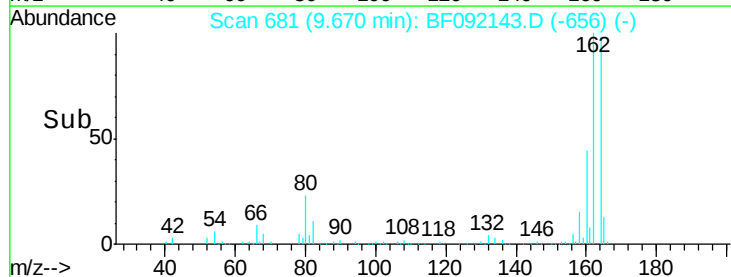
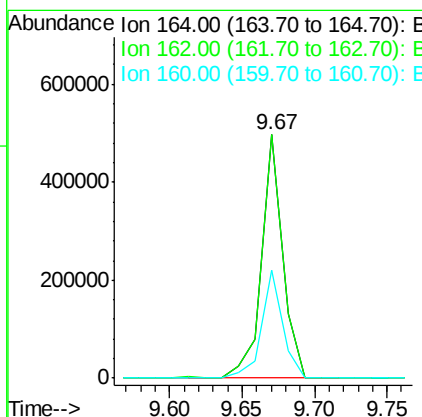
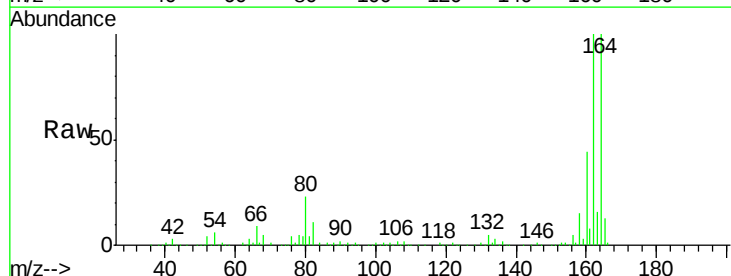
Instrument :
BNA_F
ClientSampleId :
PB95818BS

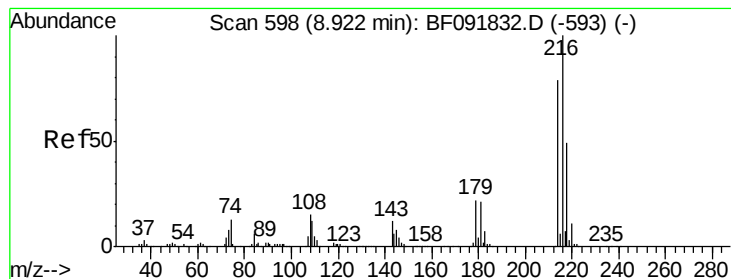
Tgt Ion:142 Resp: 1300904
Ion Ratio Lower Upper
142 100
141 87.5 71.0 106.6
115 34.9 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.67 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF092143.D
Acq: 9 Jan 2017 17:54

Tgt Ion:164 Resp: 503816
Ion Ratio Lower Upper
164 100
162 100.1 80.2 120.2
160 44.4 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.79 ng

RT: 8.80 min Scan# 605

Delta R.T. -0.01 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

Instrument :

BNA_F

ClientSampleId :

PB95818BS

Tgt Ion:216 Resp: 506434

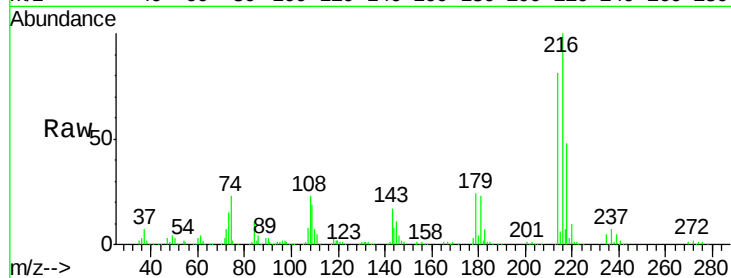
Ion Ratio Lower Upper

216 100

214 79.9 63.4 95.0

179 22.9 17.4 26.2

108 24.3 15.6 23.4#

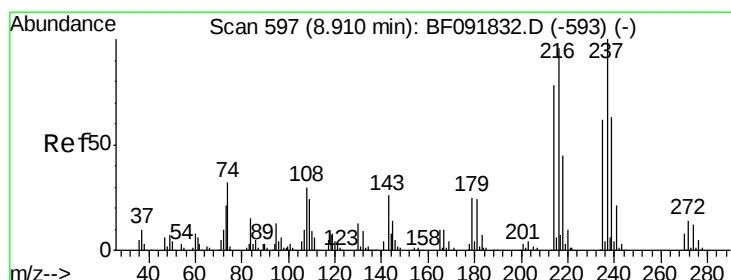
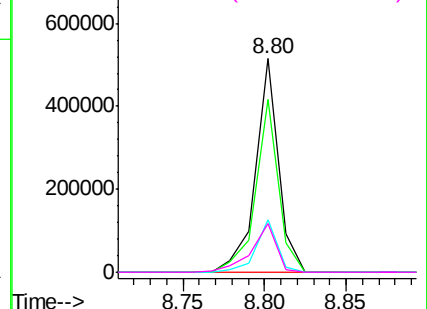
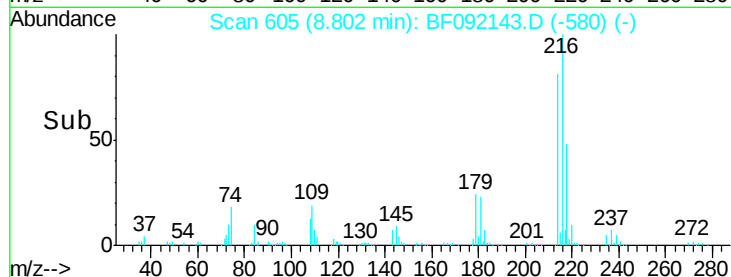


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 83.04 ng

RT: 8.79 min Scan# 604

Delta R.T. -0.01 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

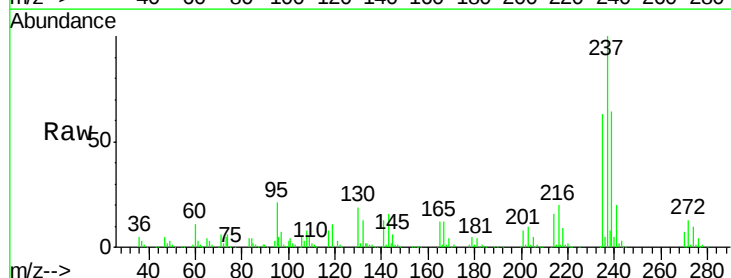
Tgt Ion:237 Resp: 471649

Ion Ratio Lower Upper

237 100

235 63.0 41.2 81.2

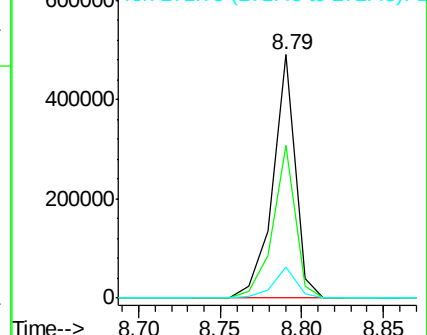
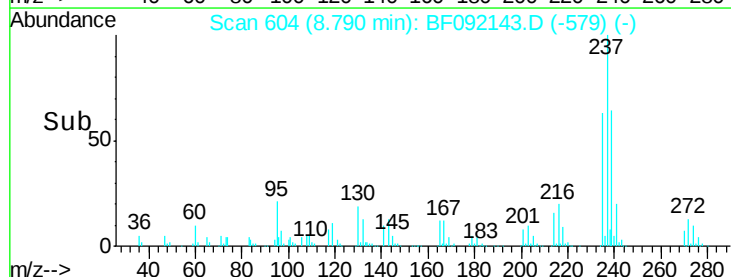
272 13.0 0.0 35.4

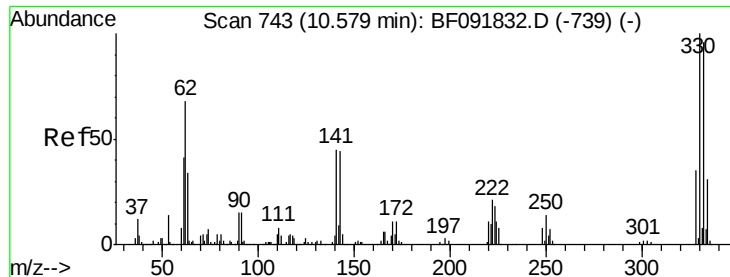


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

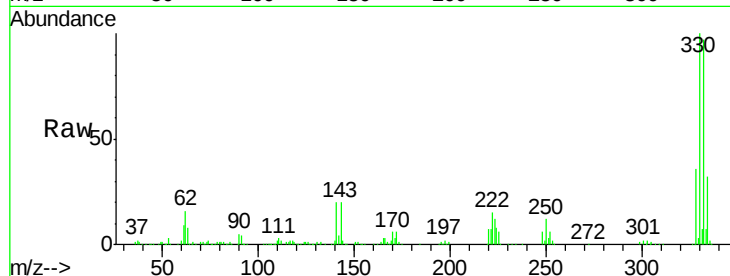




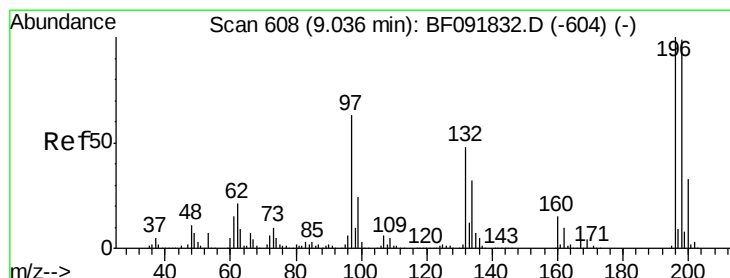
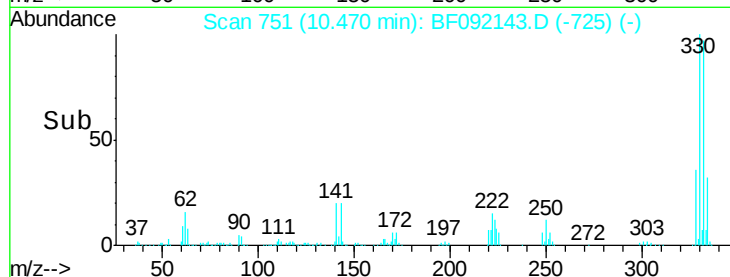
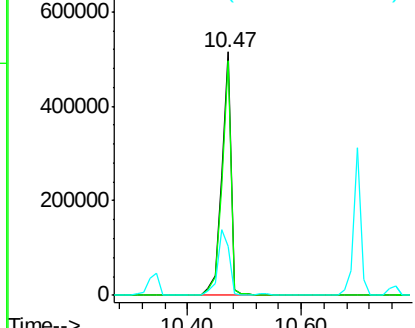
#41
 2,4,6-Tribromophenol
 Concen: 140.56 ng
 RT: 10.47 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF092143.D
 Acq: 9 Jan 2017 17:54

Instrument :
 BNA_F
 ClientSampleId :
 PB95818BS

Tgt Ion:330 Resp: 586038
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.4 116.2
 141 33.1 34.1 51.1#

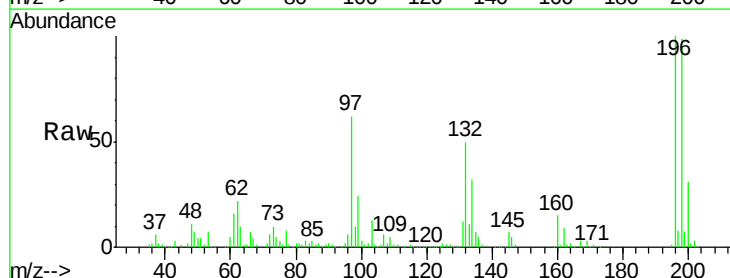


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

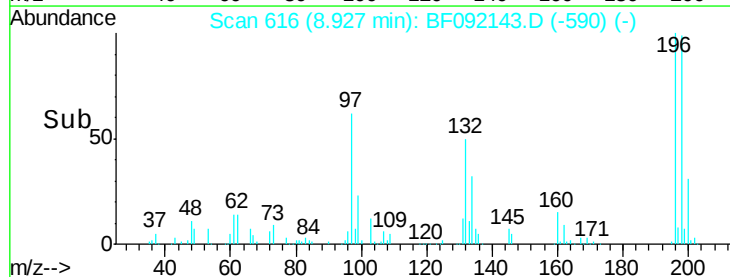
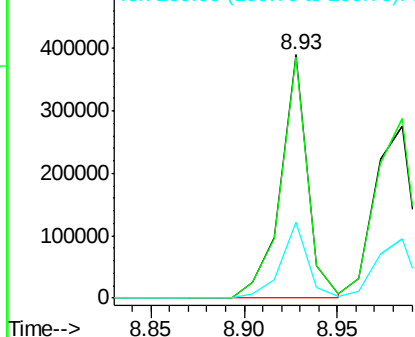


#42
 2,4,6-Trichlorophenol
 Concen: 44.14 ng
 RT: 8.93 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF092143.D
 Acq: 9 Jan 2017 17:54

Tgt Ion:196 Resp: 392893
 Ion Ratio Lower Upper
 196 100
 198 98.9 82.1 123.1
 200 31.4 27.0 40.4



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

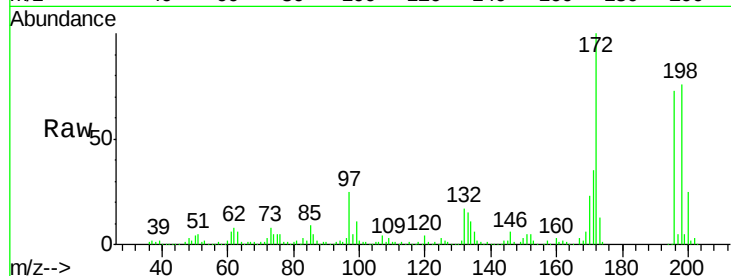




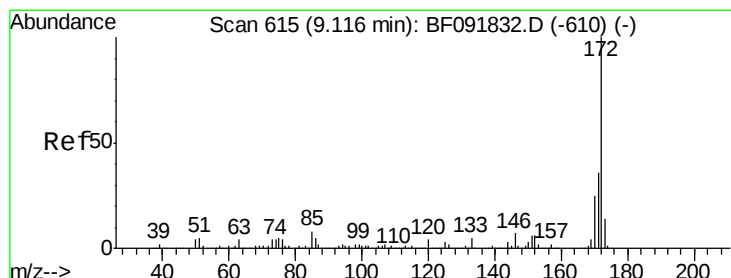
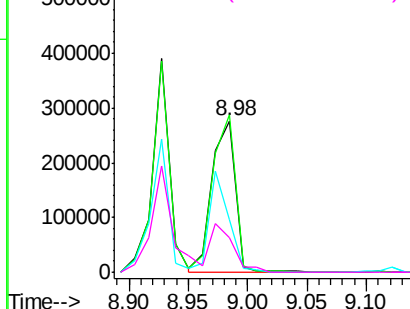
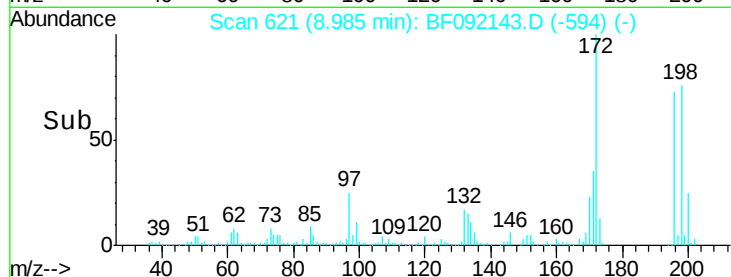
#43
 2,4,5-Trichlorophenol
 Concen: 40.82 ng
 RT: 8.98 min Scan# 621
 Delta R.T. 0.01 min
 Lab File: BF092143.D
 Acq: 9 Jan 2017 17:54

Instrument :
 BNA_F
 ClientSampleId :
 PB95818BS

Tgt Ion:196 Resp: 373970
 Ion Ratio Lower Upper
 196 100
 198 103.9 79.4 119.2
 97 34.3 51.5 77.3#
 132 23.0 27.4 41.2#

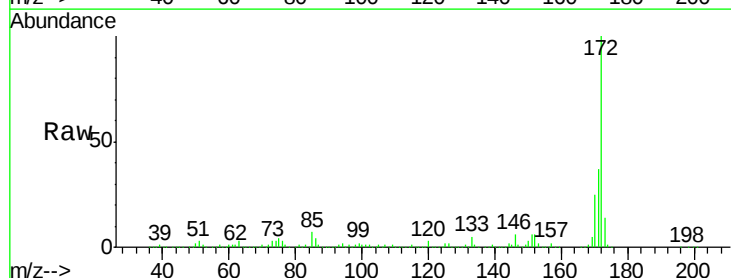


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

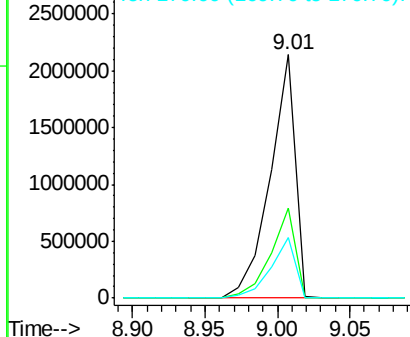
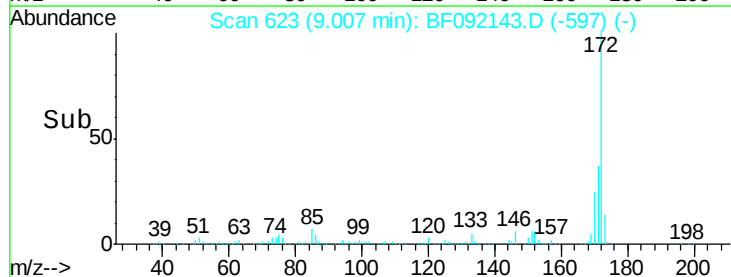


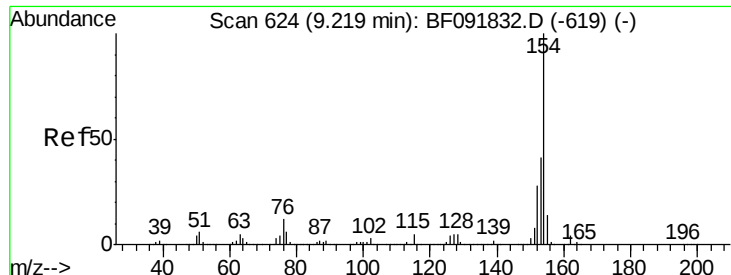
#44
 2-Fluorobiphenyl
 Concen: 108.35 ng
 RT: 9.01 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF092143.D
 Acq: 9 Jan 2017 17:54

Tgt Ion:172 Resp: 2577036
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.0
 170 25.1 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

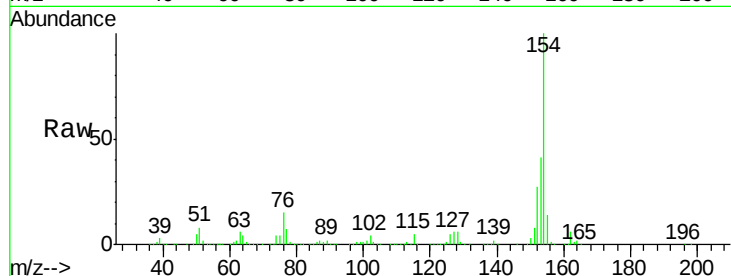




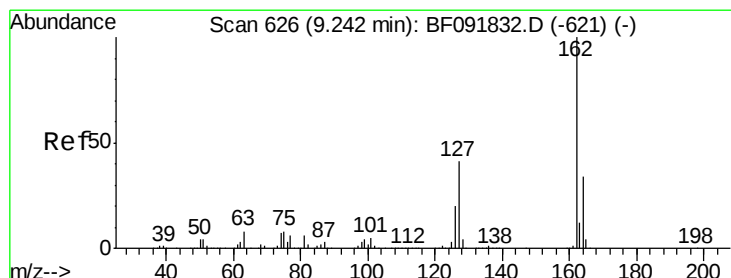
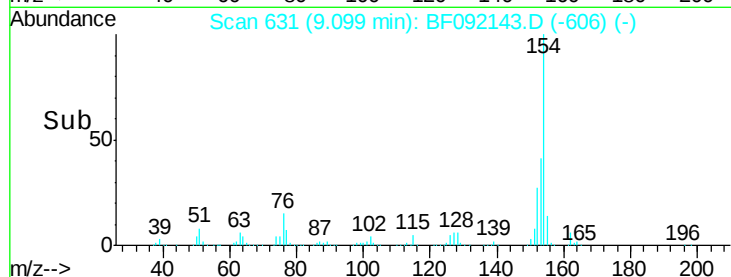
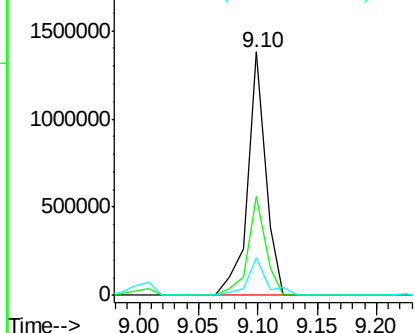
#45
 1,1'-Biphenyl
 Concen: 42.60 ng
 RT: 9.10 min Scan# 631
 Delta R.T. -0.01 min
 Lab File: BF092143.D
 Acq: 9 Jan 2017 17:54

Instrument :
 BNA_F
 ClientSampleId :
 PB95818BS

Tgt Ion:154 Resp: 1469453
 Ion Ratio Lower Upper
 154 100
 153 40.6 20.9 60.9
 76 15.3 0.0 30.5

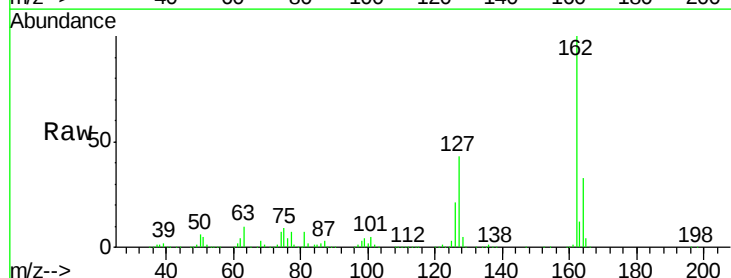


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

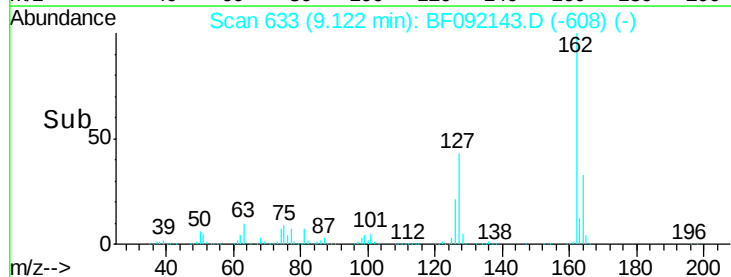
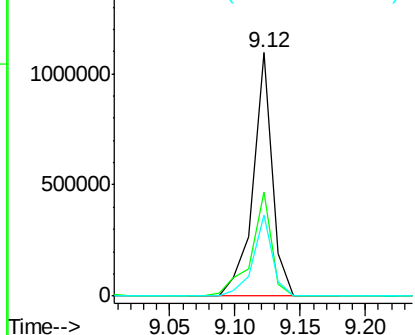


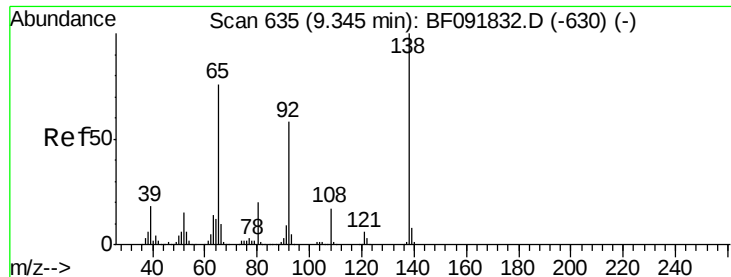
#46
 2-Chloronaphthalene
 Concen: 41.29 ng
 RT: 9.12 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF092143.D
 Acq: 9 Jan 2017 17:54

Tgt Ion:162 Resp: 1127968
 Ion Ratio Lower Upper
 162 100
 127 42.6 30.7 46.1
 164 33.1 27.6 41.4



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

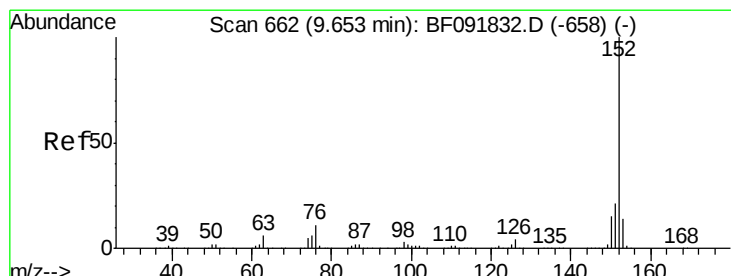
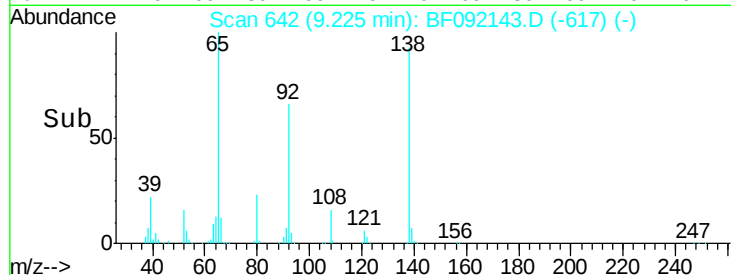
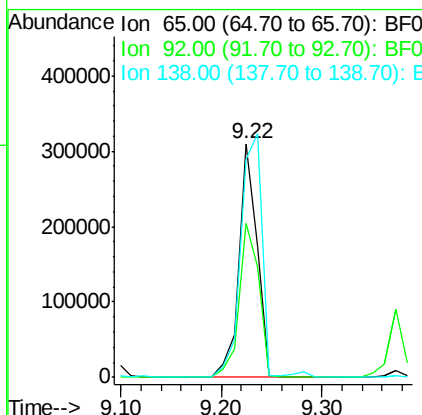
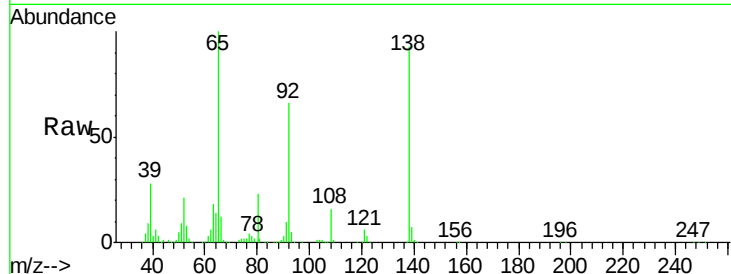




#47
2-Nitroaniline
Concen: 39.66 ng
RT: 9.22 min Scan# 642
Delta R.T. -0.01 min
Lab File: BF092143.D
Acq: 9 Jan 2017 17:54

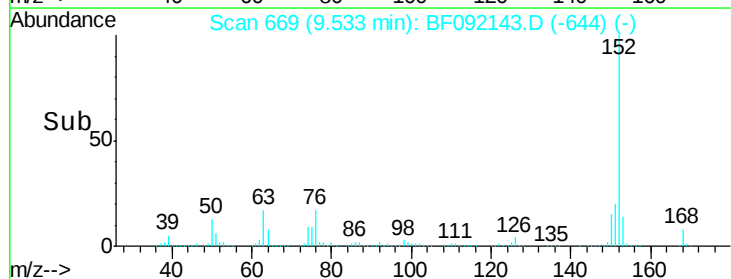
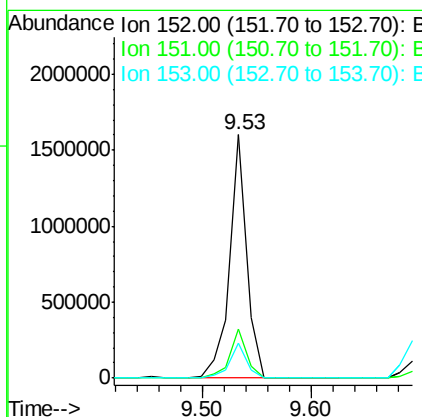
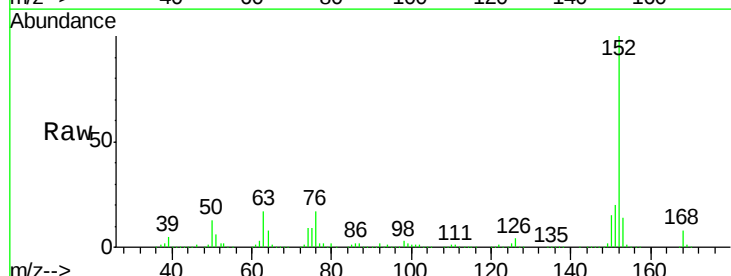
Instrument :
BNA_F
ClientSampleId :
PB95818BS

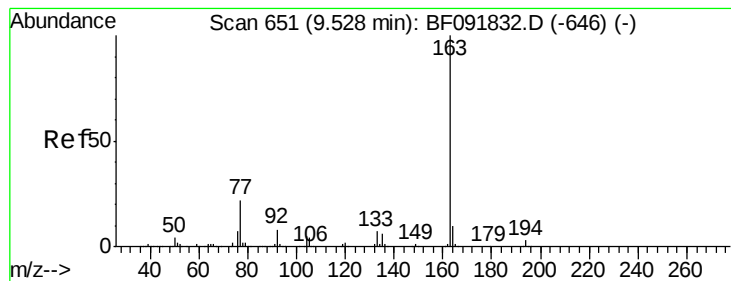
Tgt Ion: 65 Resp: 385725
Ion Ratio Lower Upper
65 100
92 66.2 53.9 80.9
138 93.4 76.8 115.2



#48
Acenaphthylene
Concen: 41.03 ng
RT: 9.53 min Scan# 669
Delta R.T. -0.01 min
Lab File: BF092143.D
Acq: 9 Jan 2017 17:54

Tgt Ion: 152 Resp: 1723900
Ion Ratio Lower Upper
152 100
151 20.4 16.9 25.3
153 14.4 11.4 17.2





#49

Dimethylphthalate

Concen: 47.79 ng

RT: 9.42 min Scan# 659

Delta R.T. 0.00 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

Instrument :

BNA_F

ClientSampleId :

PB95818BS

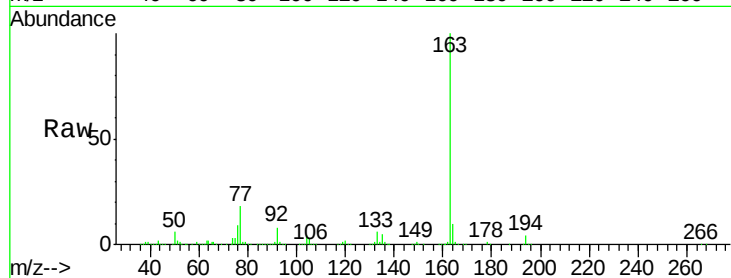
Tgt Ion:163 Resp: 1539980

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

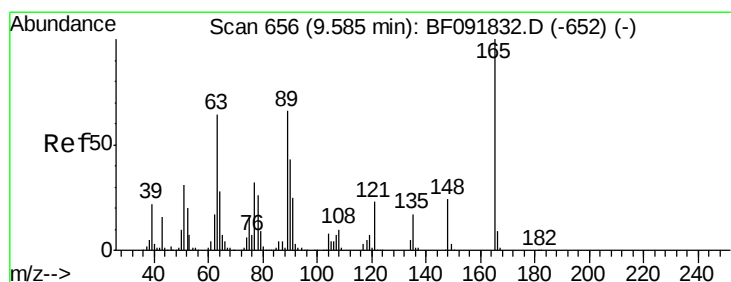
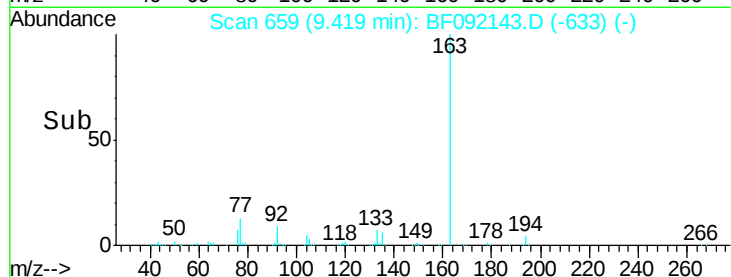
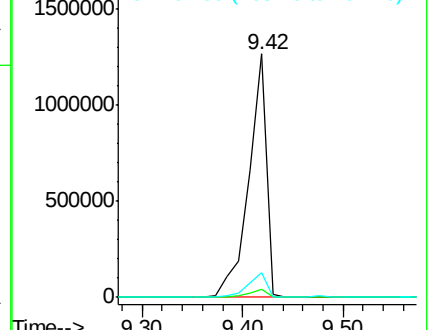
164 10.1 8.0 12.0



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: 49.39 ng

RT: 9.48 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

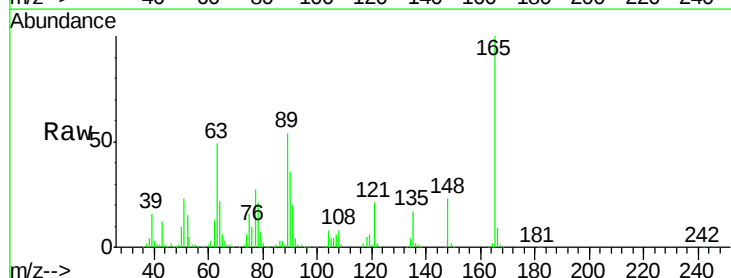
Tgt Ion:165 Resp: 348346

Ion Ratio Lower Upper

165 100

63 49.1 36.2 54.4

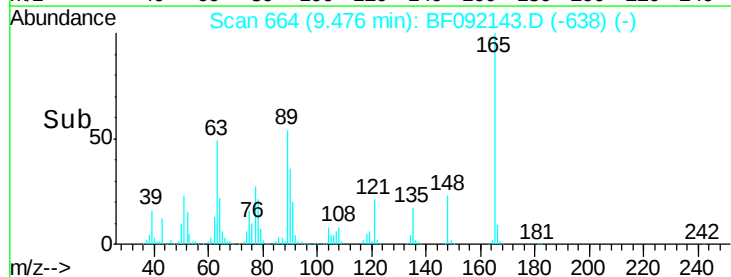
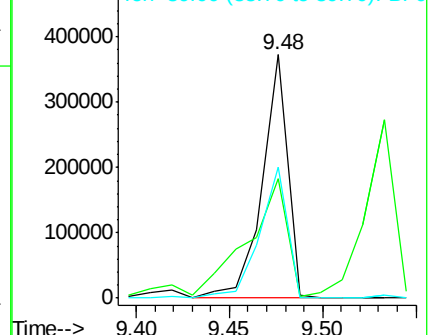
89 53.7 40.2 60.4

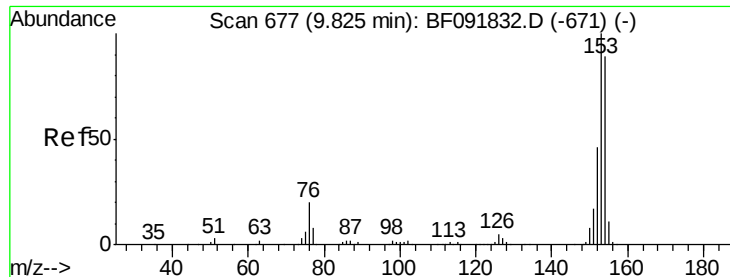


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.97 ng

RT: 9.70 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

Instrument :

BNA_F

ClientSampleId :

PB95818BS

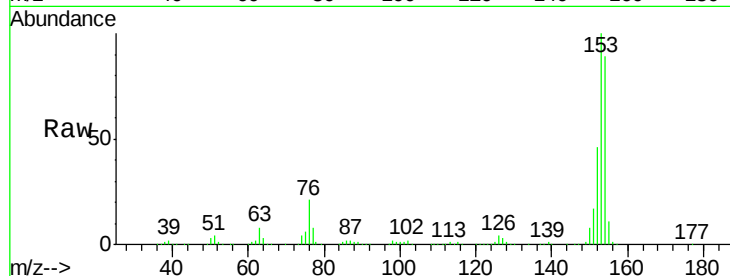
Tgt Ion:154 Resp: 1081544

Ion Ratio Lower Upper

154 100

153 112.4 88.6 133.0

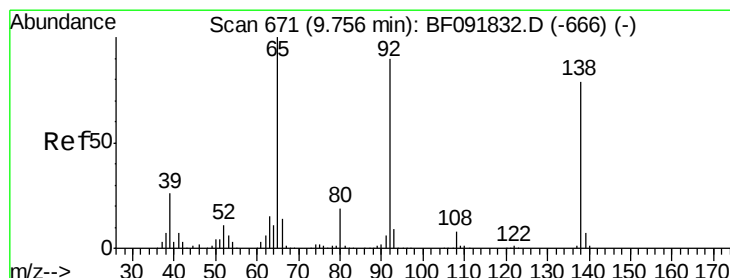
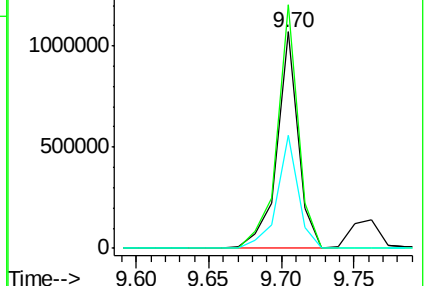
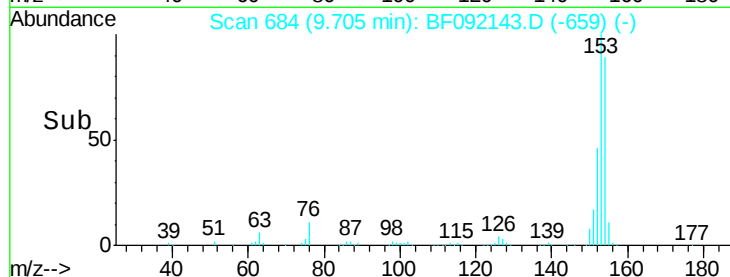
152 52.2 41.6 62.4



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: 20.44 ng

RT: 9.64 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

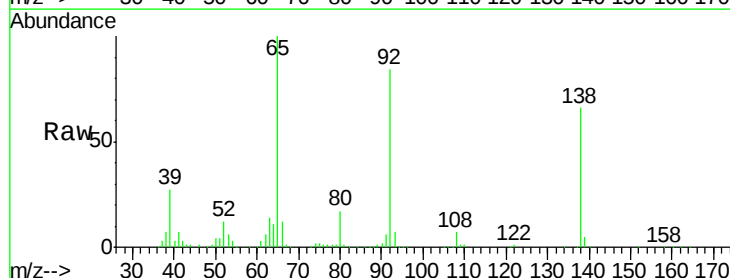
Tgt Ion:138 Resp: 178388

Ion Ratio Lower Upper

138 100

108 10.6 8.5 12.7

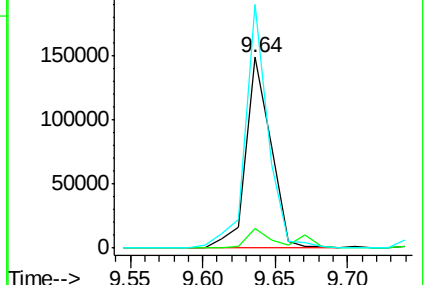
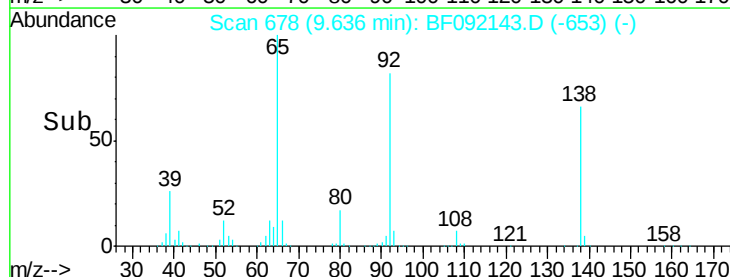
92 127.5 97.8 146.8



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

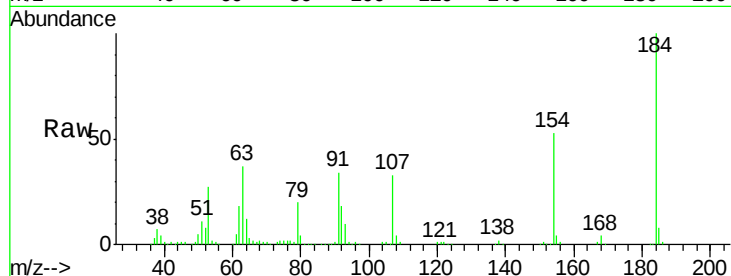




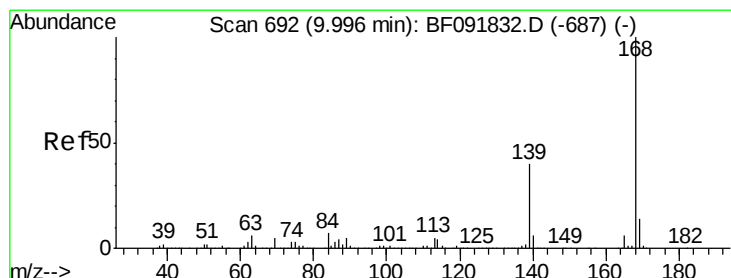
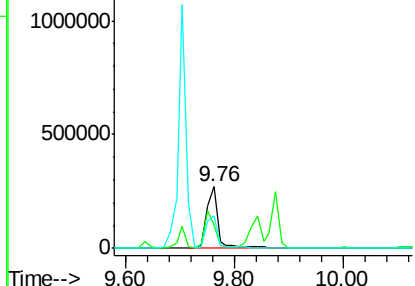
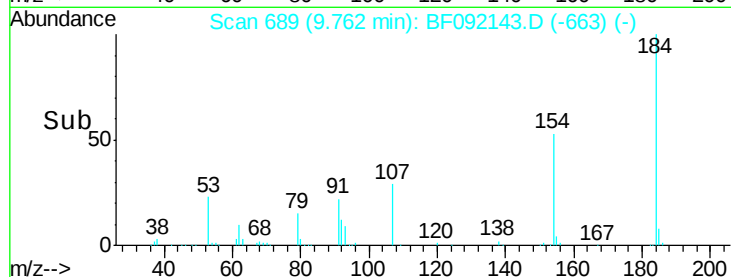
#53
2,4-Dinitrophenol
Concen: 102.68 ng
RT: 9.76 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF092143.D
Acq: 9 Jan 2017 17:54

Instrument :
BNA_F
ClientSampleId :
PB95818BS

Tgt Ion:184 Resp: 402967
Ion Ratio Lower Upper
184 100
63 37.3 28.4 42.6
154 53.3 44.3 66.5

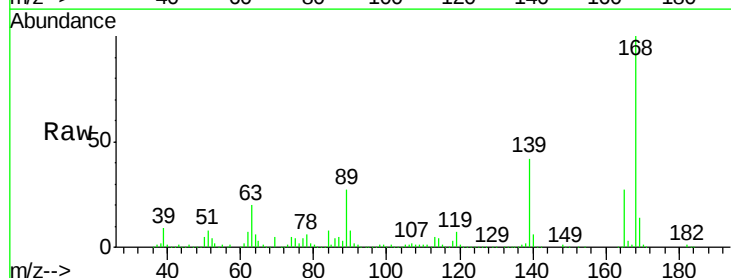


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

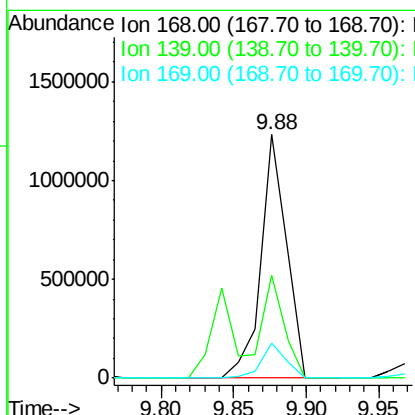
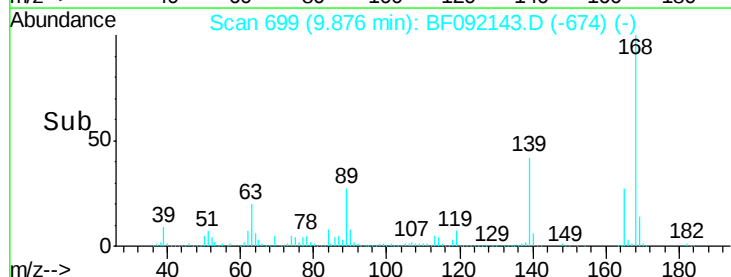


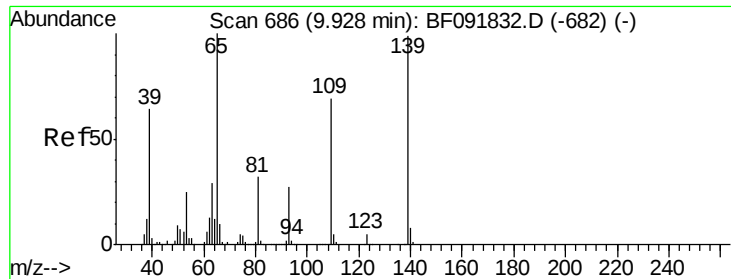
#54
Dibenzofuran
Concen: 39.03 ng
RT: 9.88 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF092143.D
Acq: 9 Jan 2017 17:54

Tgt Ion:168 Resp: 1501257
Ion Ratio Lower Upper
168 100
139 42.4 32.6 49.0
169 14.2 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

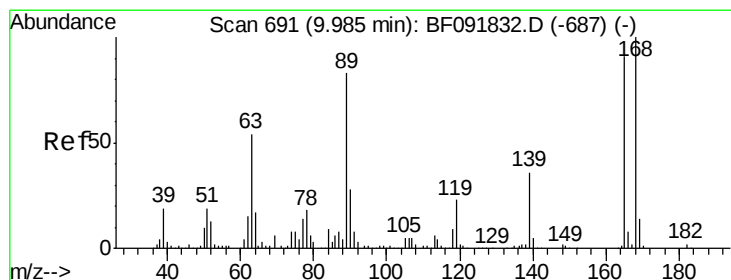
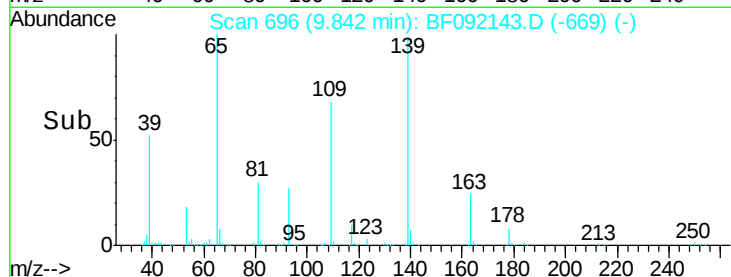
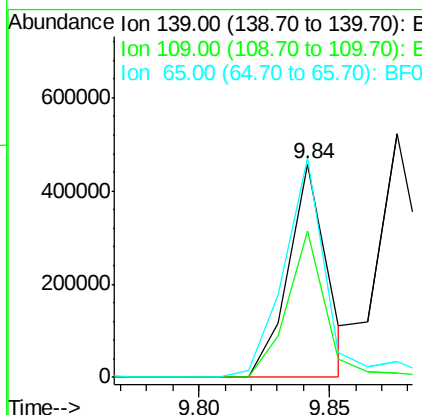
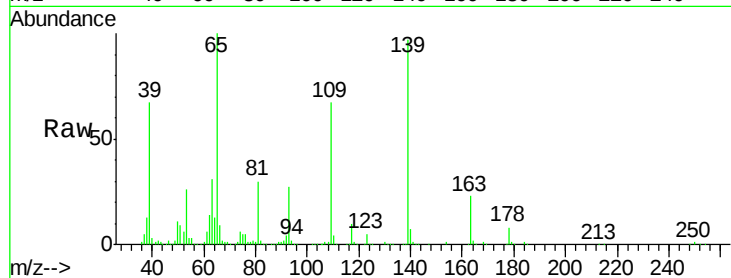




#55
4-Nitrophenol
Concen: 79.37 ng
RT: 9.84 min Scan# 696
Delta R.T. 0.01 min
Lab File: BF092143.D
Acq: 9 Jan 2017 17:54

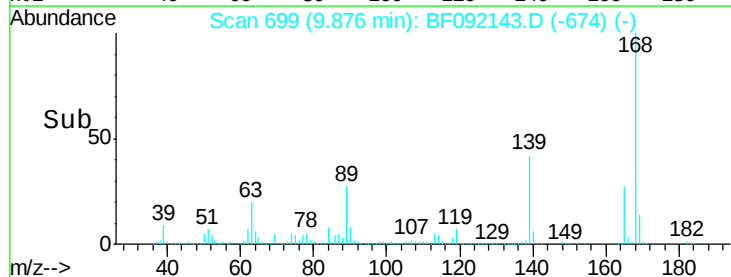
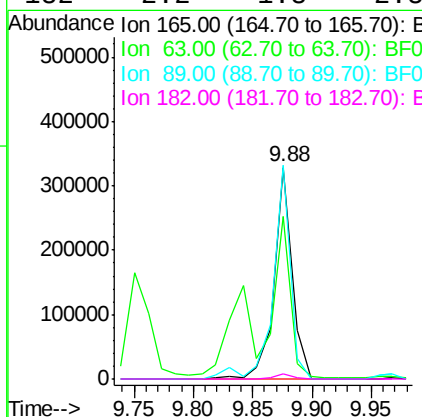
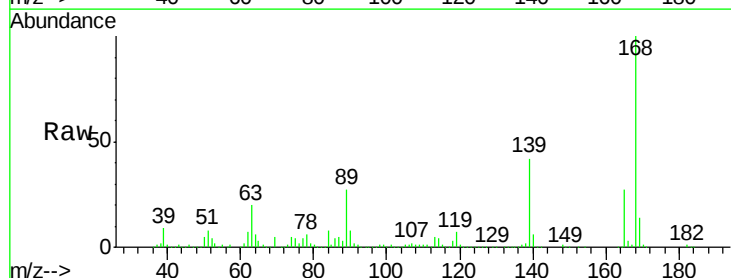
Instrument :
BNA_F
ClientSampleId :
PB95818BS

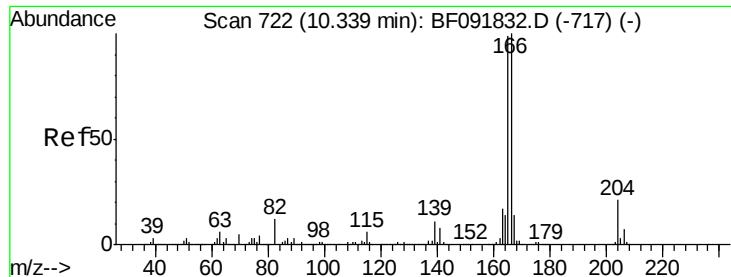
Tgt Ion:139 Resp: 470390
Ion Ratio Lower Upper
139 100
109 69.0 52.2 92.2
65 102.7 85.8 125.8



#56
2,4-Dinitrotoluene
Concen: 39.47 ng
RT: 9.88 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF092143.D
Acq: 9 Jan 2017 17:54

Tgt Ion:165 Resp: 349404
Ion Ratio Lower Upper
165 100
63 76.6 40.2 60.4#
89 100.9 62.5 93.7#
182 2.2 1.8 2.8

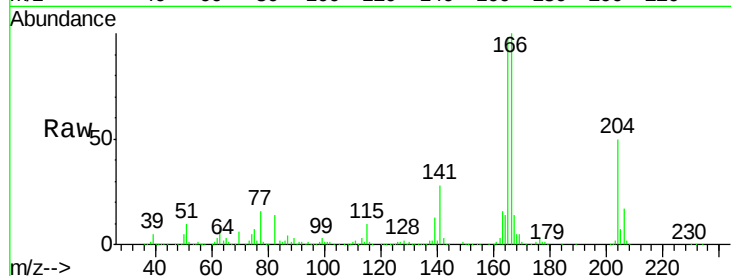




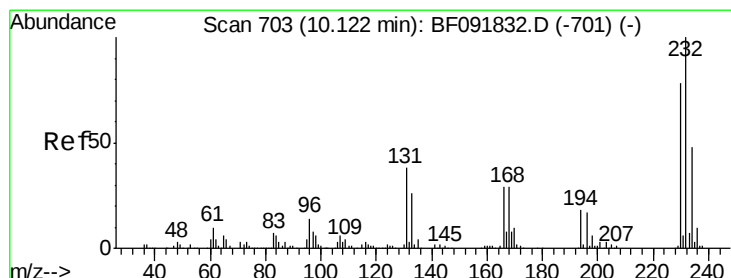
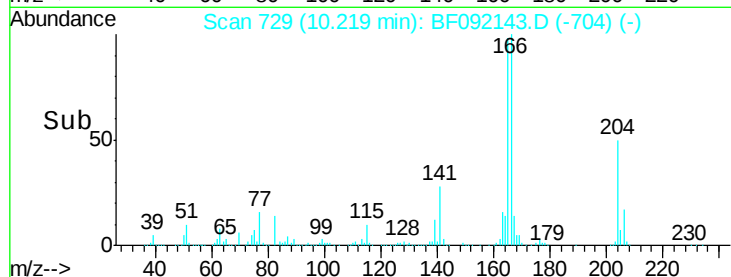
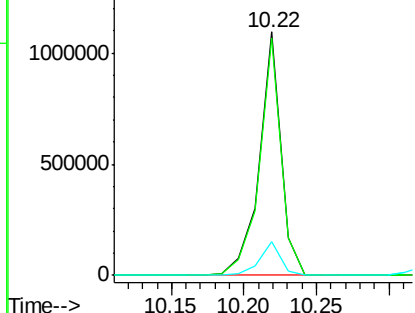
#57
Fluorene
 Concen: 40.34 ng
 RT: 10.22 min Scan# 729
 Delta R.T. -0.01 min
 Lab File: BF092143.D
 Acq: 9 Jan 2017 17:54

Instrument :
 BNA_F
 ClientSampleId :
 PB95818BS

Tgt Ion:166 Resp: 1129048
 Ion Ratio Lower Upper
 166 100
 165 97.5 77.8 116.8
 167 14.0 10.8 16.2

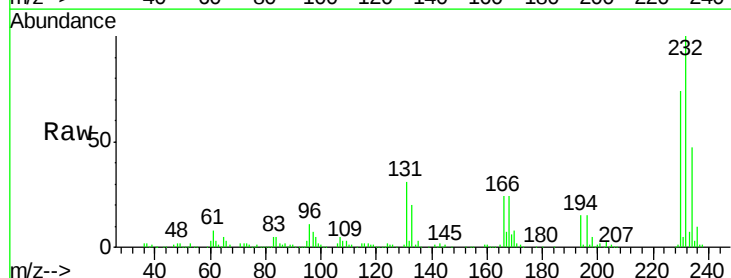


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

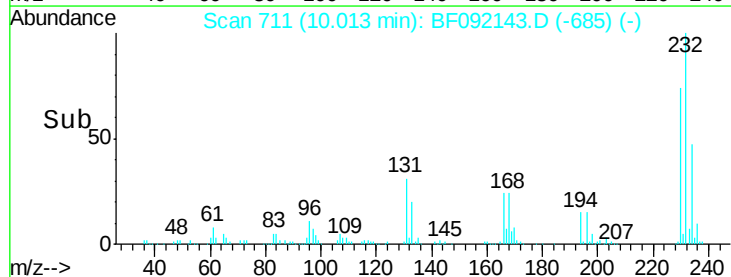
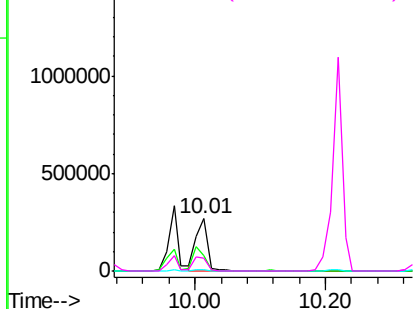


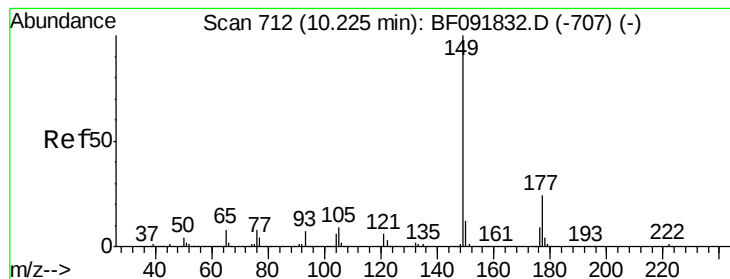
#58
2,3,4,6-Tetrachlorophenol
 Concen: 46.18 ng
 RT: 10.01 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: BF092143.D
 Acq: 9 Jan 2017 17:54

Tgt Ion:232 Resp: 334622
 Ion Ratio Lower Upper
 232 100
 131 47.6 40.1 60.1
 130 2.3 1.8 2.8
 166 31.1 26.6 39.8



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





#59

Diethylphthalate

Concen: 46.00 ng

RT: 10.12 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

Instrument :

BNA_F

ClientSampleId :

PB95818BS

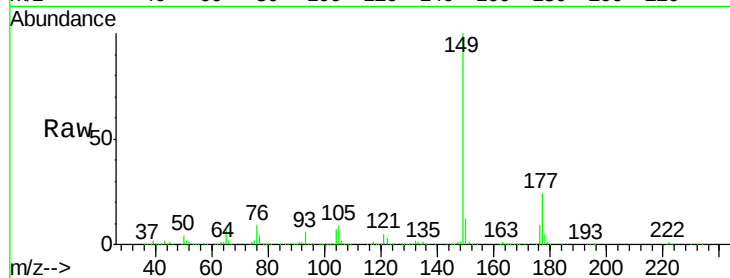
Tgt Ion:149 Resp: 1439673

Ion Ratio Lower Upper

149 100

177 23.7 16.6 25.0

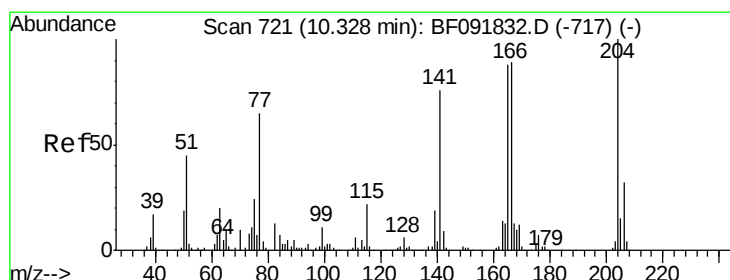
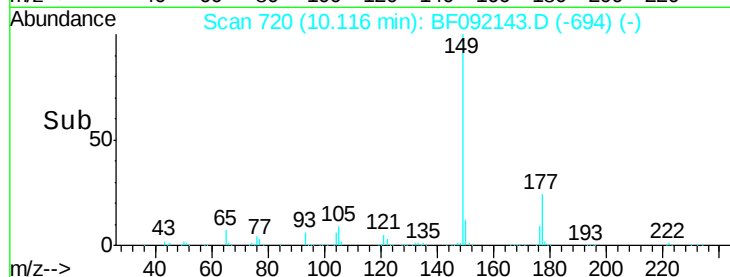
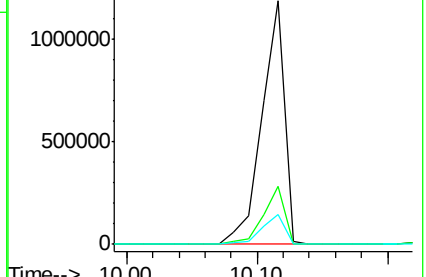
150 12.2 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 46.67 ng

RT: 10.22 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

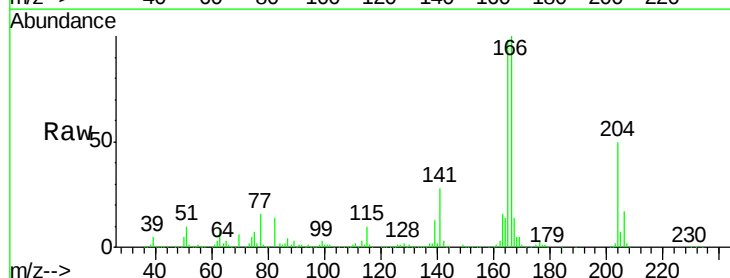
Tgt Ion:204 Resp: 571885

Ion Ratio Lower Upper

204 100

206 33.3 25.8 38.6

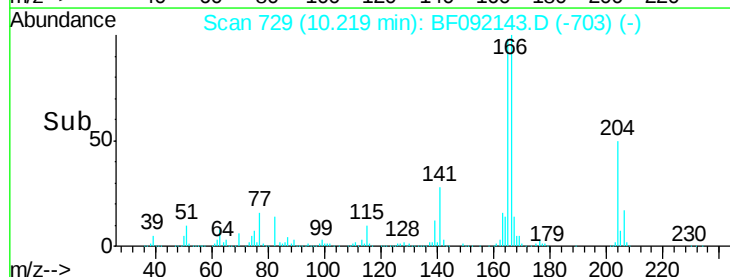
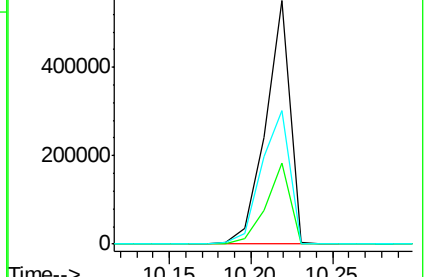
141 55.0 59.4 89.0#

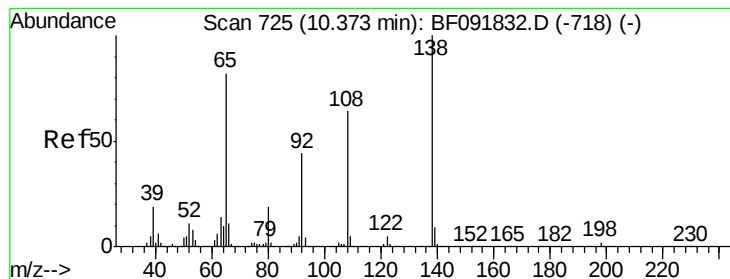


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 42.00 ng

RT: 10.26 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

Instrument :

BNA_F

ClientSampleId :

PB95818BS

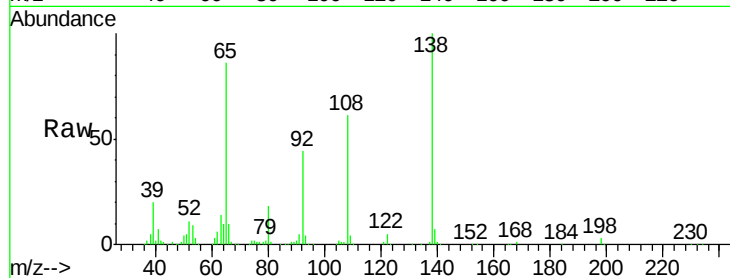
Tgt Ion:138 Resp: 379883

Ion Ratio Lower Upper

138 100

92 43.6 31.7 71.7

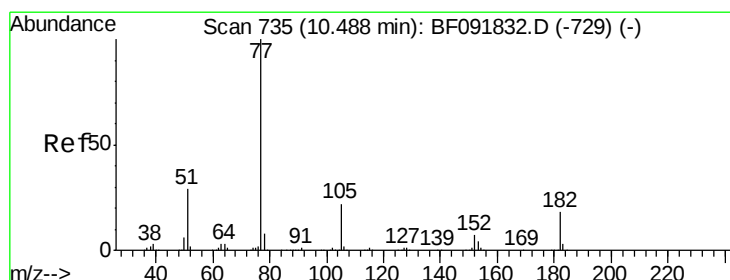
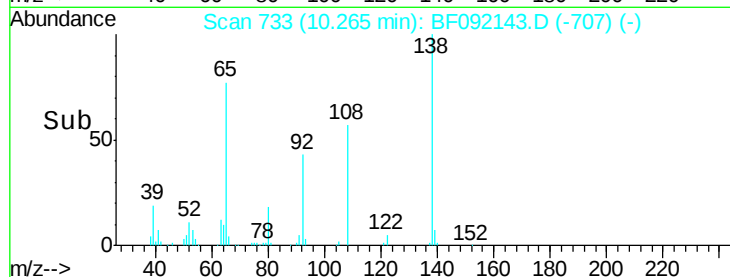
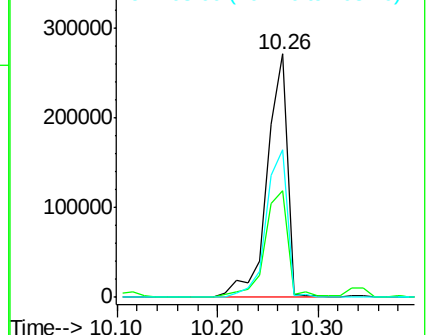
108 60.7 52.6 92.6



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: 49.26 ng

RT: 10.38 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

Tgt Ion: 77 Resp: 1697242

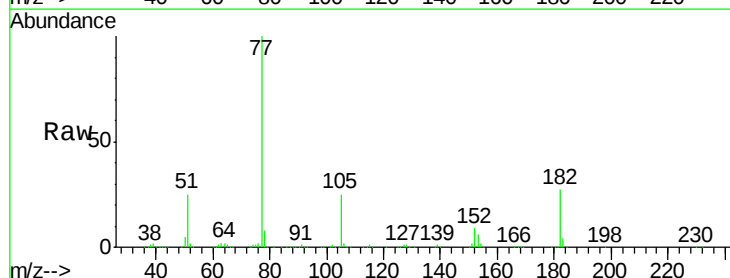
Ion Ratio Lower Upper

77 100

182 27.0 0.0 39.3

105 25.1 2.3 42.3

51 25.0 8.9 48.9

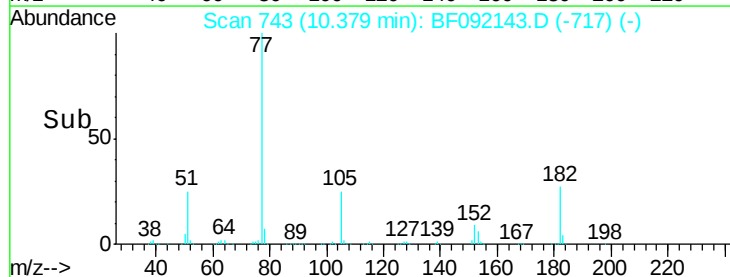
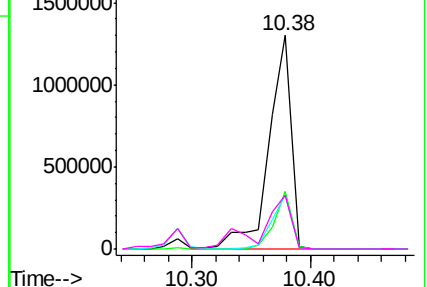


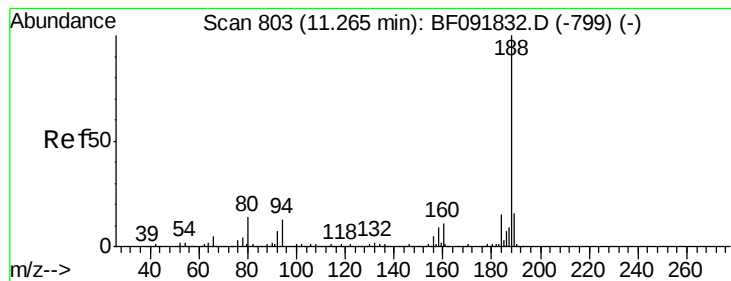
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.14 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

Instrument :

BNA_F

ClientSampleId :

PB95818BS

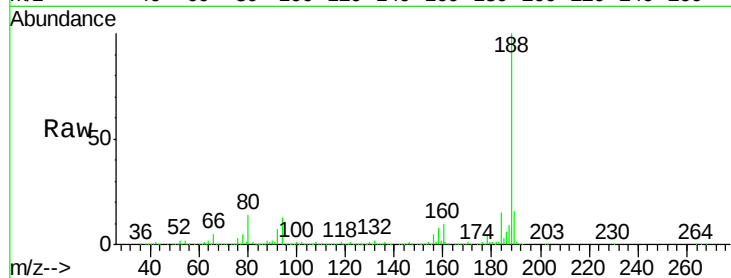
Tgt Ion:188 Resp: 822402

Ion Ratio Lower Upper

188 100

94 13.0 10.0 15.0

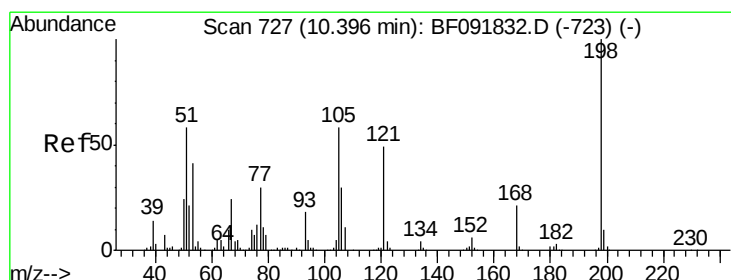
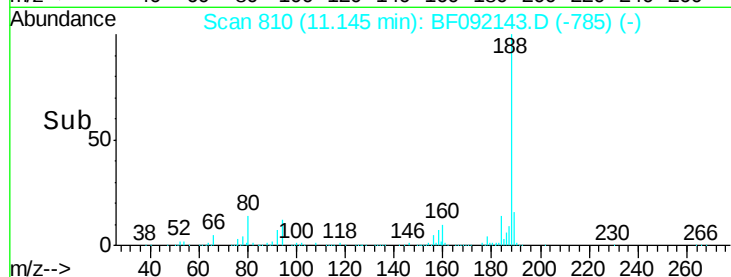
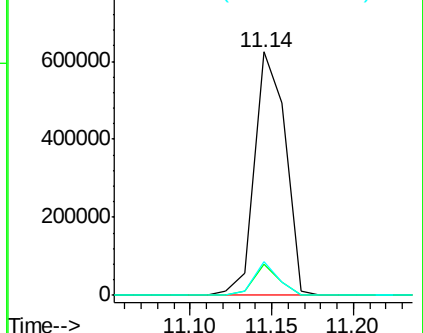
80 14.0 11.2 16.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 46.32 ng

RT: 10.29 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

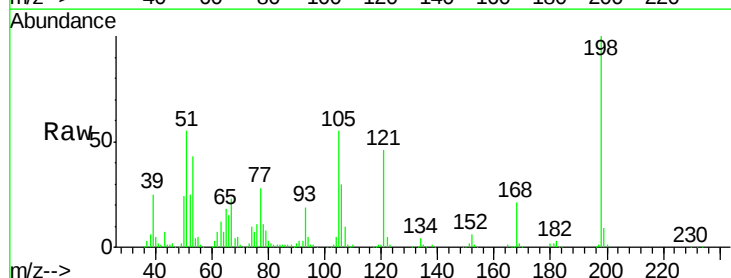
Tgt Ion:198 Resp: 230369

Ion Ratio Lower Upper

198 100

51 54.7 6.7 46.7#

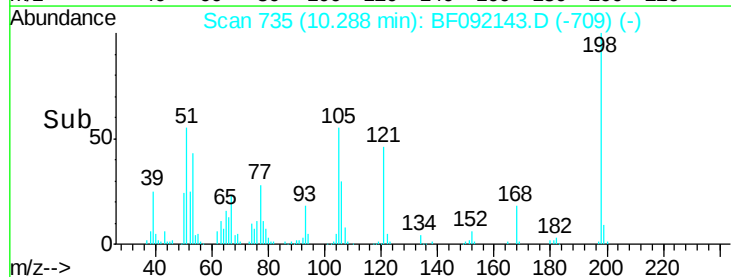
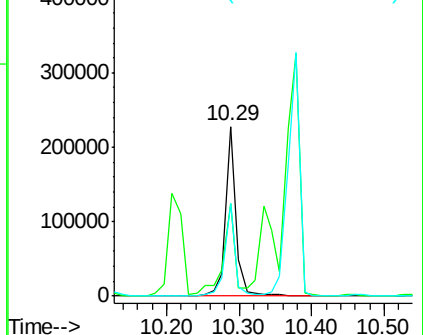
105 55.0 16.6 56.6

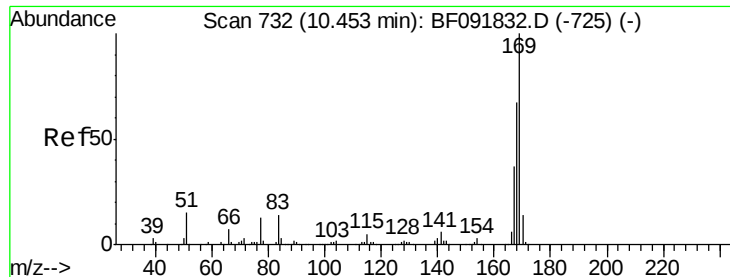


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 49.67 ng

RT: 10.34 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

Instrument :

BNA_F

ClientSampleId :

PB95818BS

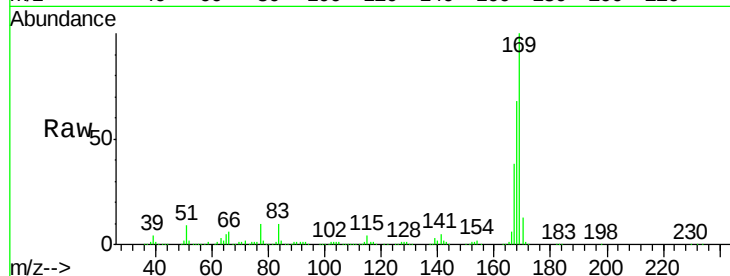
Tgt Ion:169 Resp: 1212182

Ion Ratio Lower Upper

169 100

168 67.6 54.2 81.2

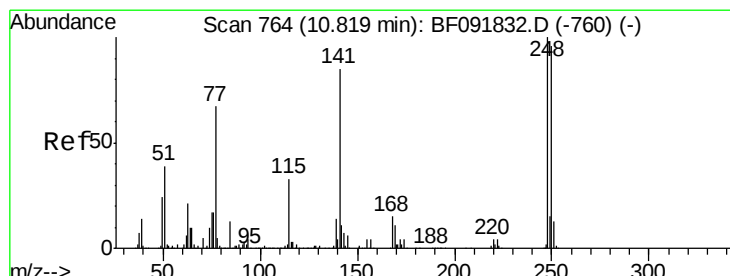
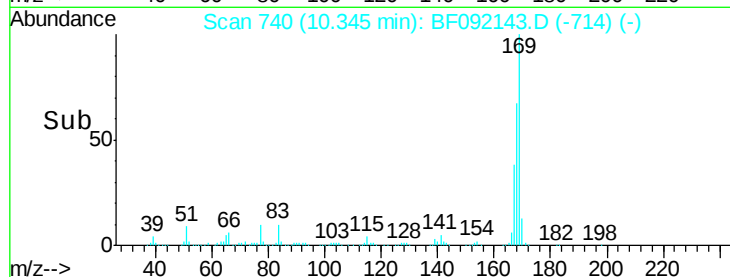
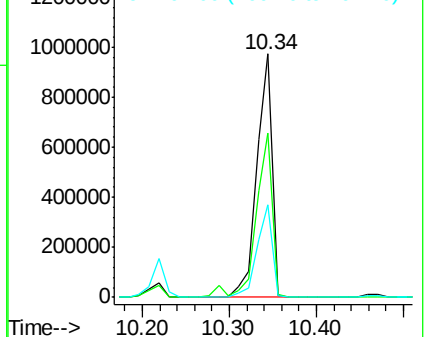
167 38.0 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.51 ng

RT: 10.70 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

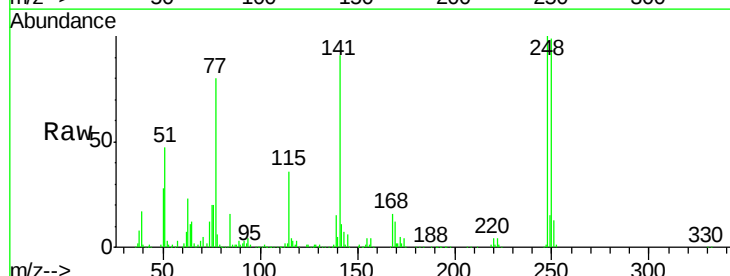
Tgt Ion:248 Resp: 355100

Ion Ratio Lower Upper

248 100

250 98.6 76.9 115.3

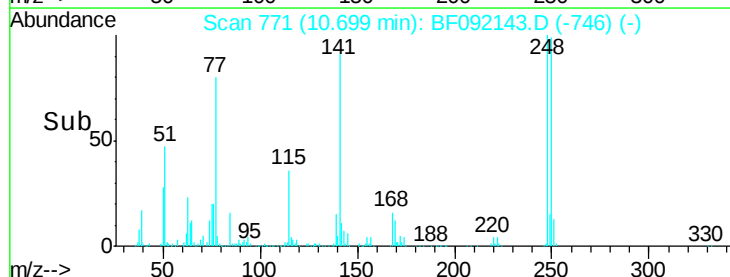
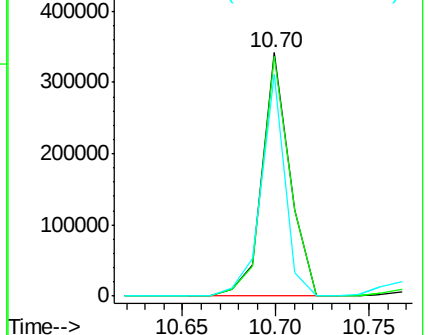
141 91.3 68.2 102.4

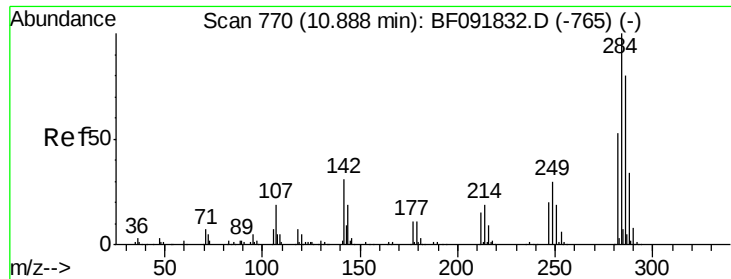


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 43.49 ng

RT: 10.77 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

Instrument :

BNA_F

ClientSampleId :

PB95818BS

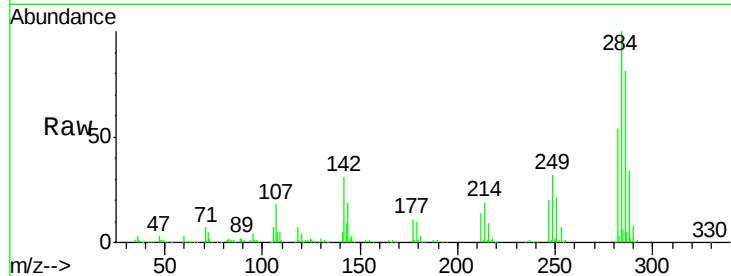
Tgt Ion:284 Resp: 397701

Ion Ratio Lower Upper

284 100

142 31.1 22.6 33.8

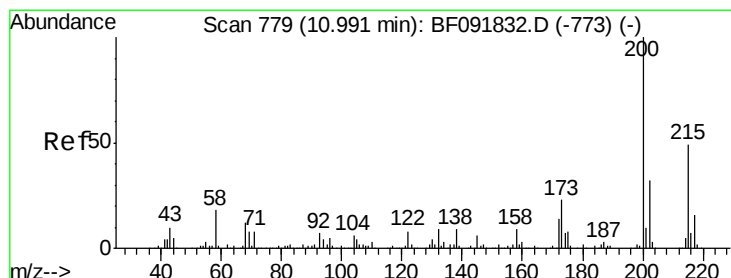
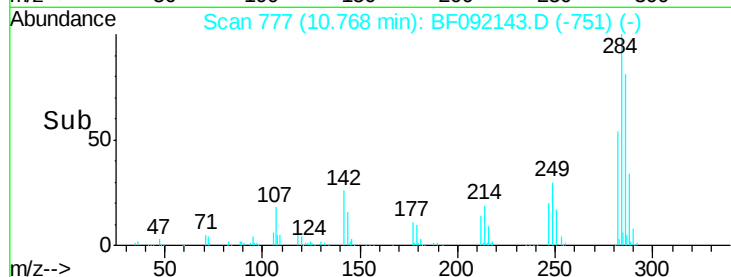
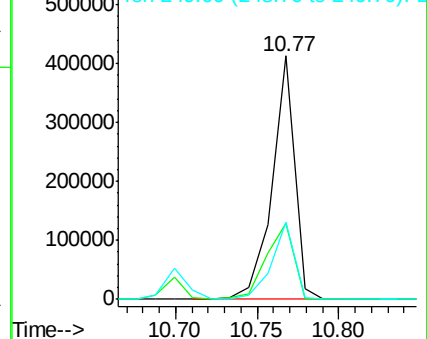
249 31.8 25.4 38.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 45.06 ng

RT: 10.87 min Scan# 786

Delta R.T. -0.01 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

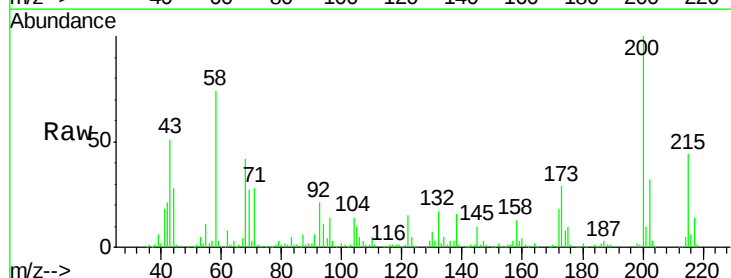
Tgt Ion:200 Resp: 354682

Ion Ratio Lower Upper

200 100

173 29.2 9.6 49.6

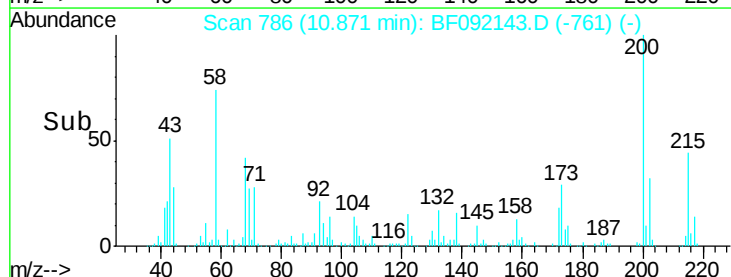
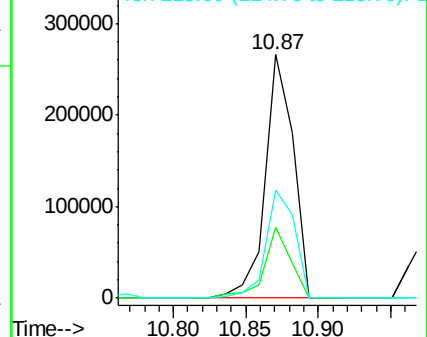
215 44.3 25.7 65.7

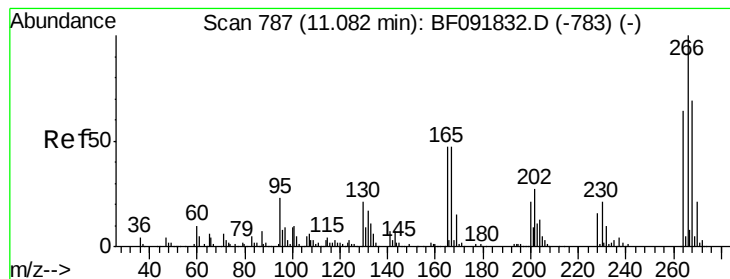


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 92.15 ng

RT: 10.97 min Scan# 795

Delta R.T. 0.00 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

Instrument :

BNA_F

ClientSampleId :

PB95818BS

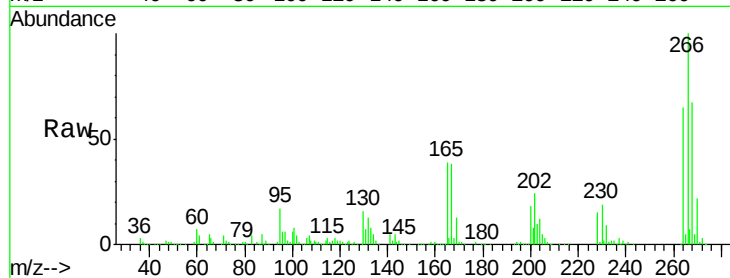
Tgt Ion:266 Resp: 413476

Ion Ratio Lower Upper

266 100

268 66.9 53.3 79.9

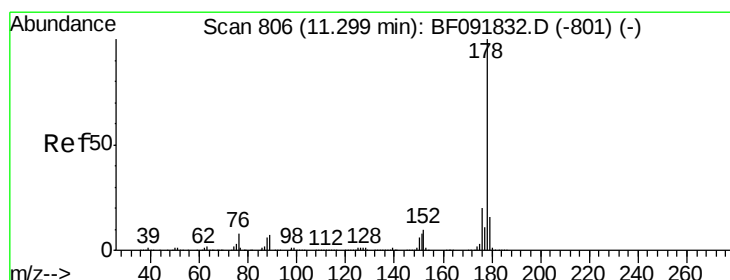
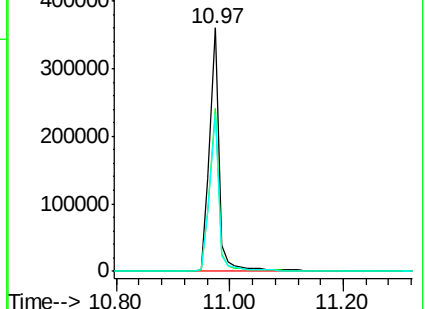
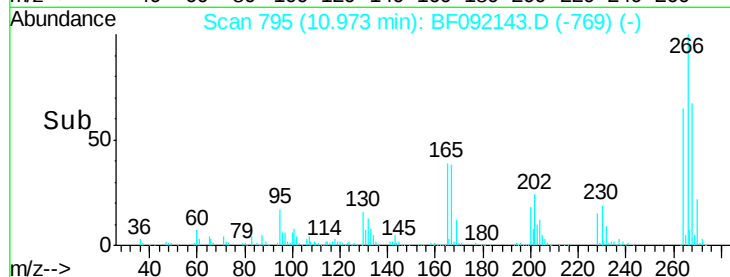
264 64.7 50.3 75.5



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 46.45 ng

RT: 11.18 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

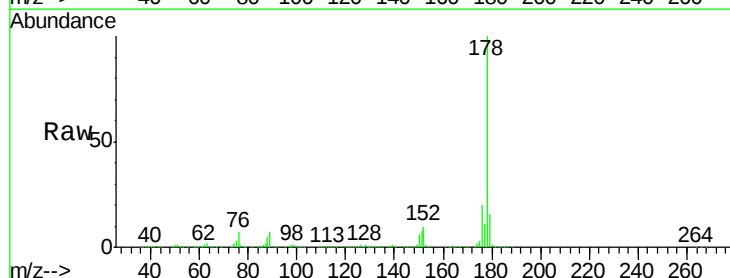
Tgt Ion:178 Resp: 2071564

Ion Ratio Lower Upper

178 100

176 20.2 16.6 25.0

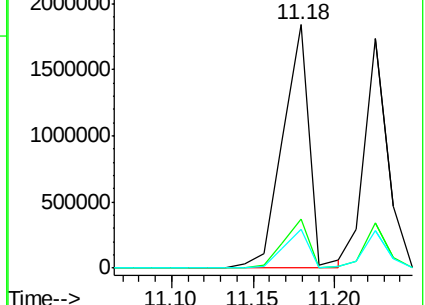
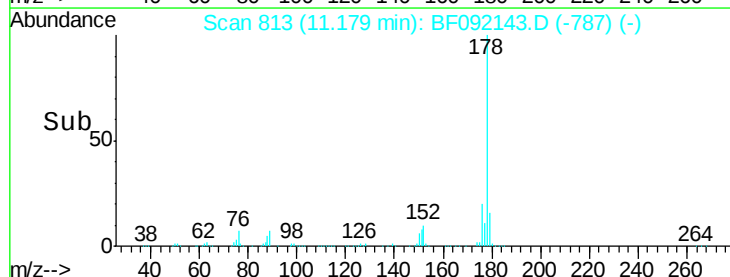
179 15.8 12.8 19.2

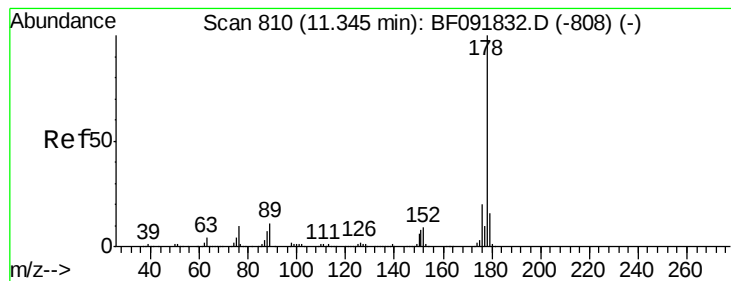


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 42.75 ng

RT: 11.22 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

Instrument :

BNA_F

ClientSampleId :

PB95818BS

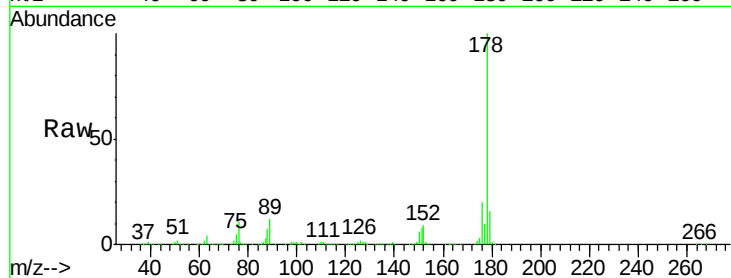
Tgt Ion:178 Resp: 1719634

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

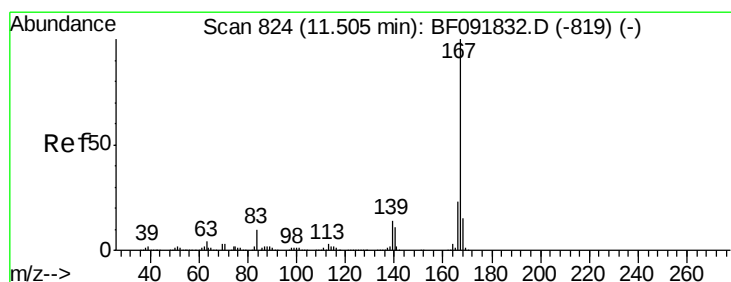
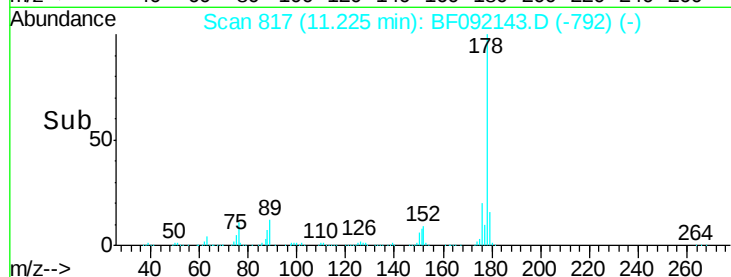
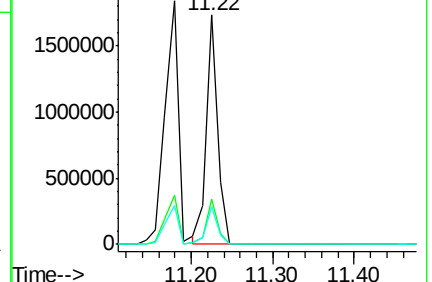
179 16.2 13.2 19.8



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: 50.95 ng

RT: 11.38 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

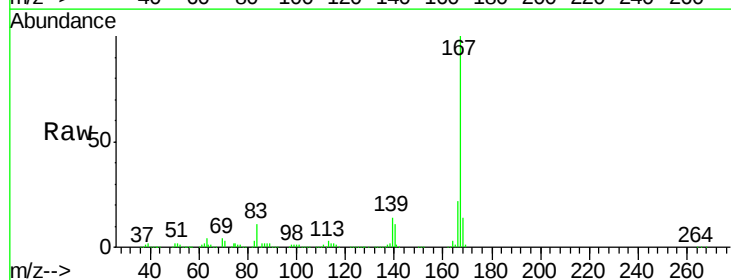
Tgt Ion:167 Resp: 1760802

Ion Ratio Lower Upper

167 100

166 21.9 18.2 27.2

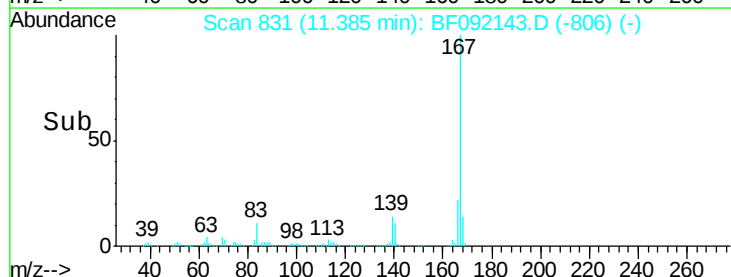
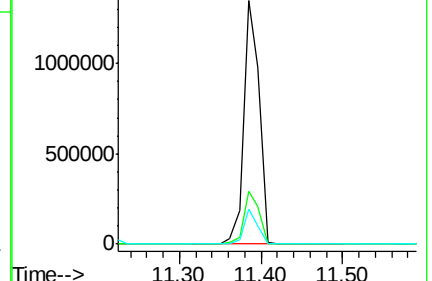
139 14.3 11.4 17.2

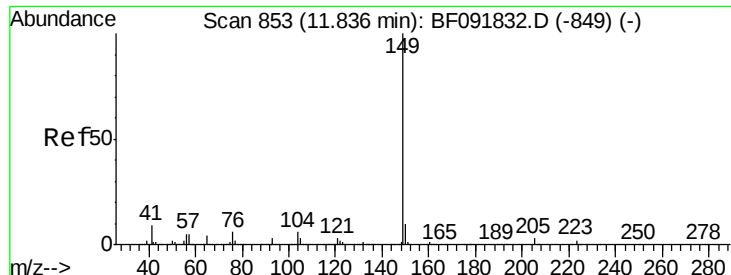


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 51.92 ng

RT: 11.73 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

Instrument :

BNA_F

ClientSampleId :

PB95818BS

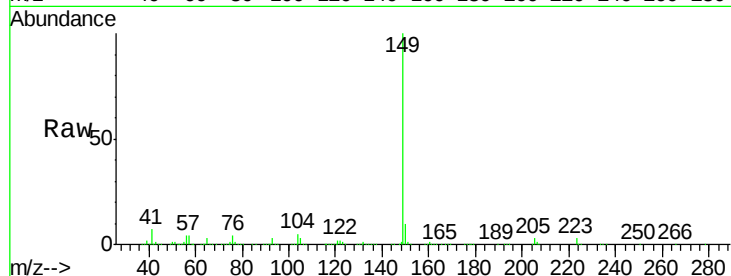
Tgt Ion:149 Resp: 2167181

Ion Ratio Lower Upper

149 100

150 9.7 8.1 12.1

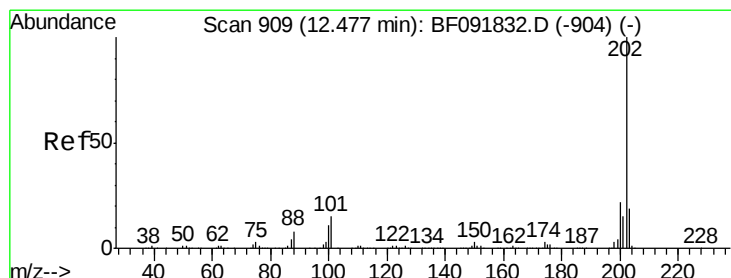
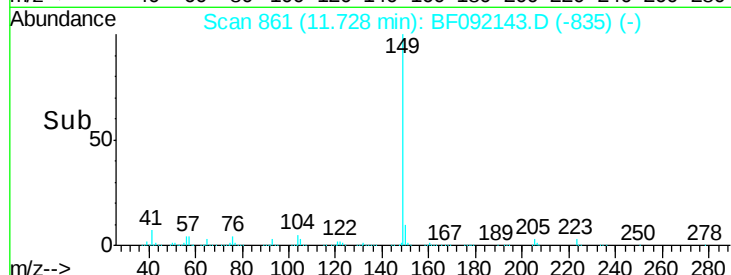
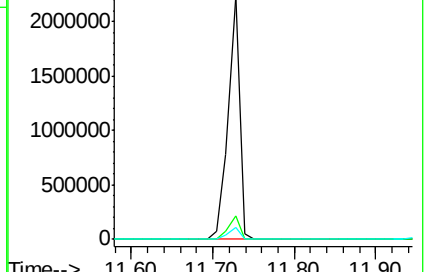
104 4.9 4.6 7.0



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: 47.67 ng

RT: 12.36 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

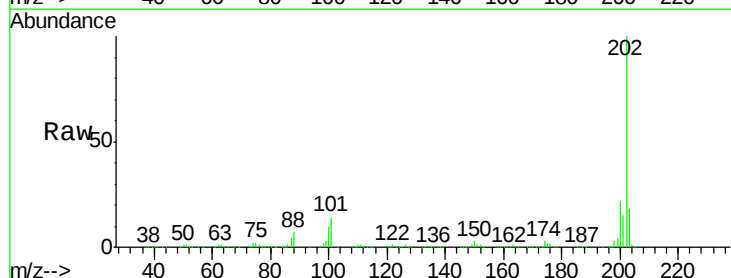
Tgt Ion:202 Resp: 1856032

Ion Ratio Lower Upper

202 100

101 13.7 0.0 34.6

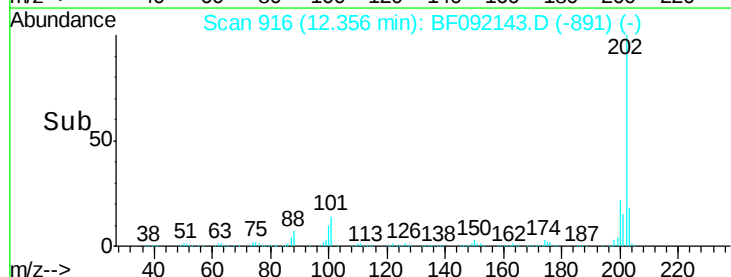
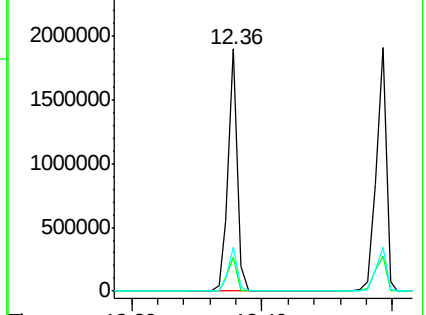
203 18.3 0.0 38.7

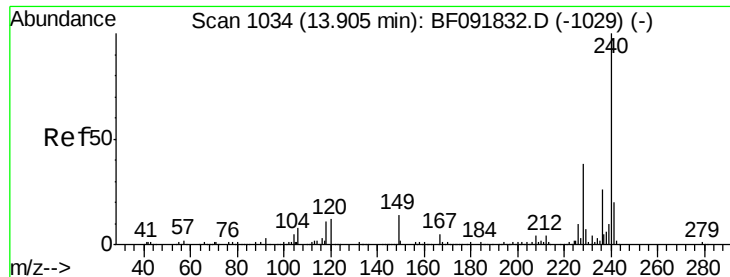


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.79 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

Instrument :

BNA_F

ClientSampleId :

PB95818BS

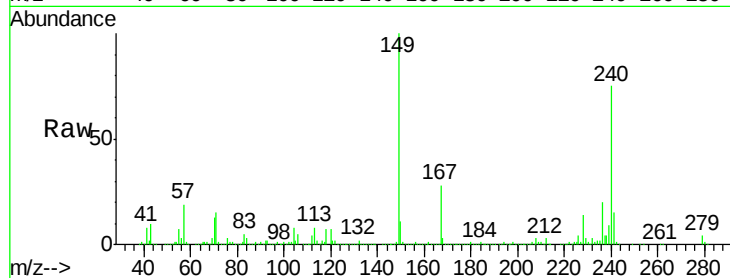
Tgt Ion:240 Resp: 592982

Ion Ratio Lower Upper

240 100

120 9.8 12.9 19.3#

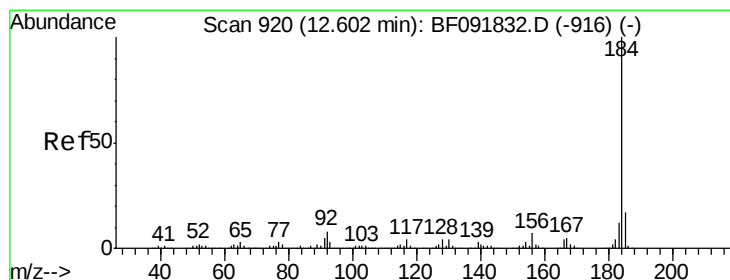
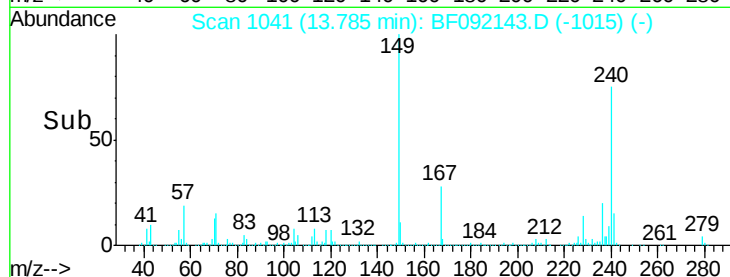
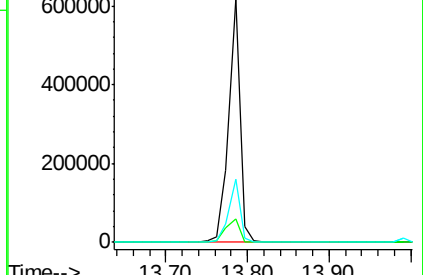
236 26.0 20.9 31.3



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: 28.77 ng

RT: 12.48 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

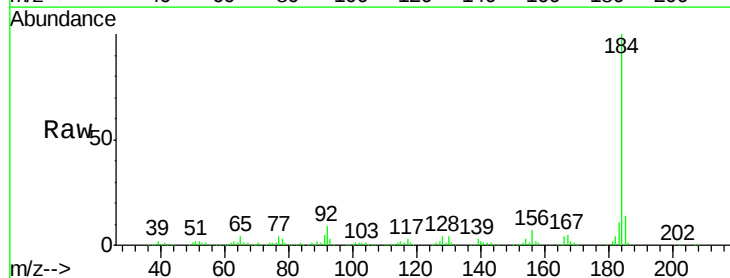
Tgt Ion:184 Resp: 475962

Ion Ratio Lower Upper

184 100

185 14.5 13.4 20.0

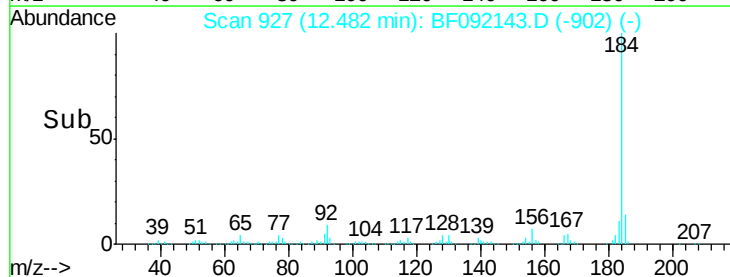
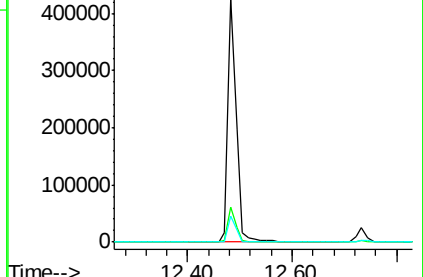
183 11.0 9.2 13.8

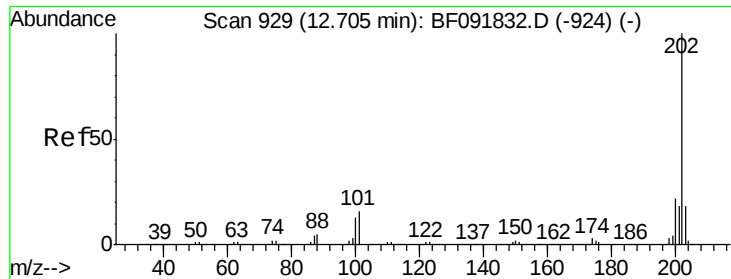


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

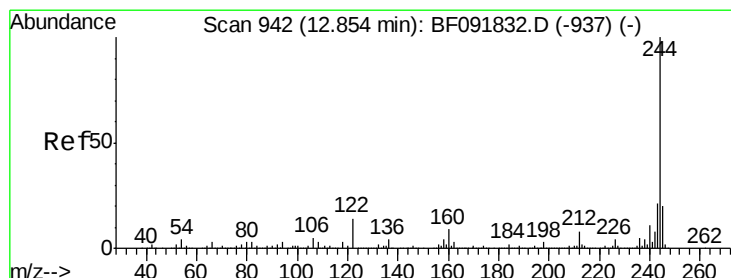
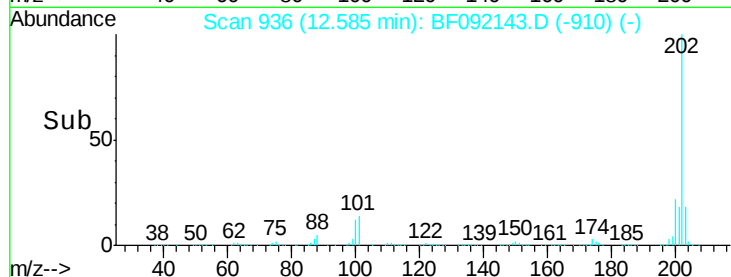
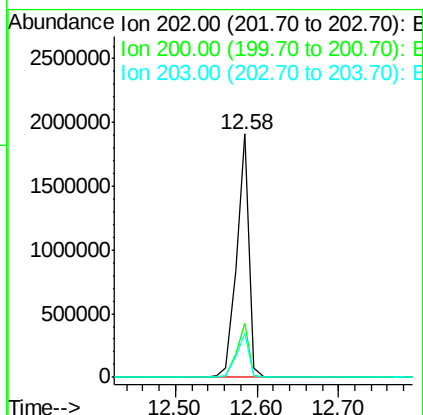
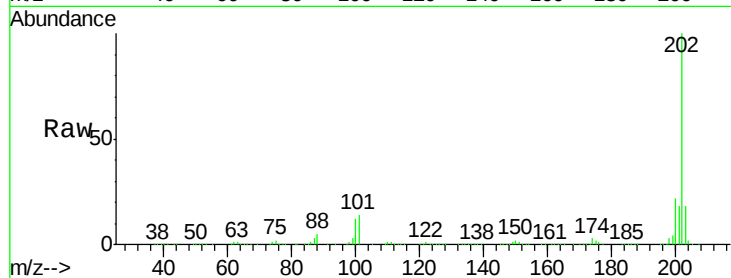




#77
 Pyrene
 Concen: 45.96 ng
 RT: 12.58 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: BF092143.D
 Acq: 9 Jan 2017 17:54

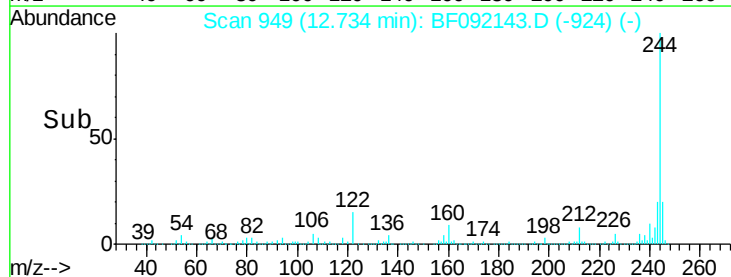
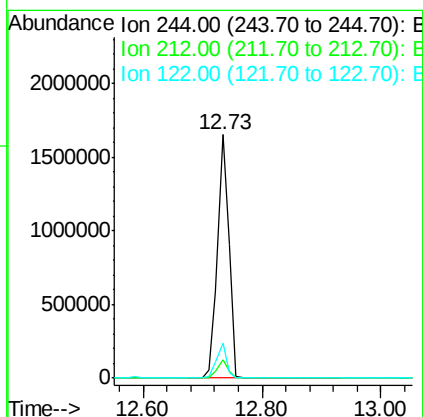
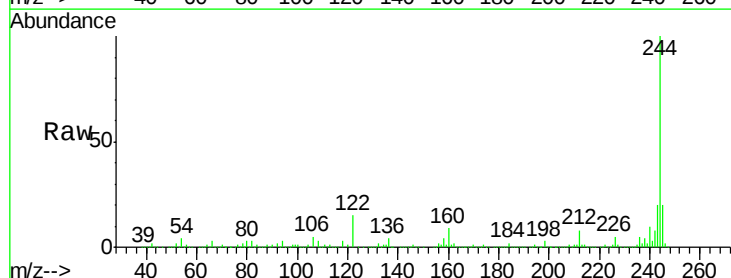
Instrument :
 BNA_F
 ClientSampleId :
 PB95818BS

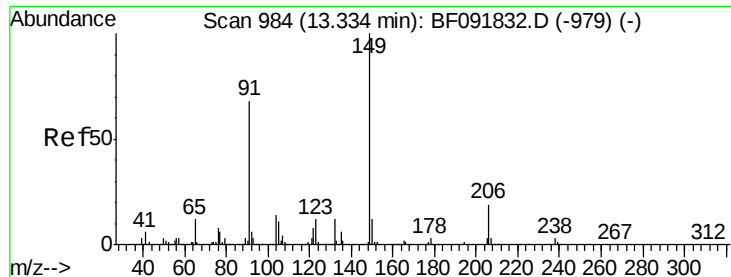
Tgt Ion:202 Resp: 1999744
 Ion Ratio Lower Upper
 202 100
 200 22.2 17.7 26.5
 203 18.1 14.7 22.1



#78
 Terphenyl-d14
 Concen: 90.56 ng
 RT: 12.73 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BF092143.D
 Acq: 9 Jan 2017 17:54

Tgt Ion:244 Resp: 2214316
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 14.6 11.4 17.2

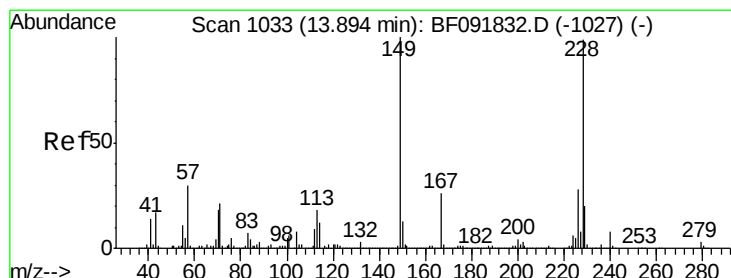
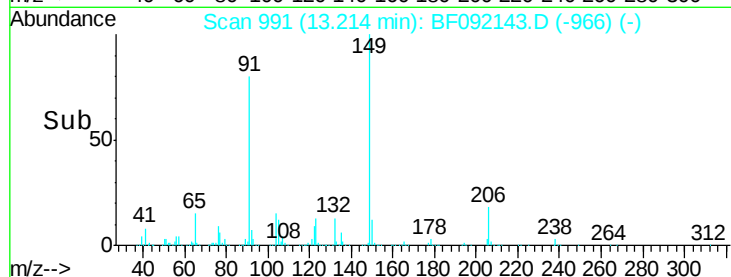
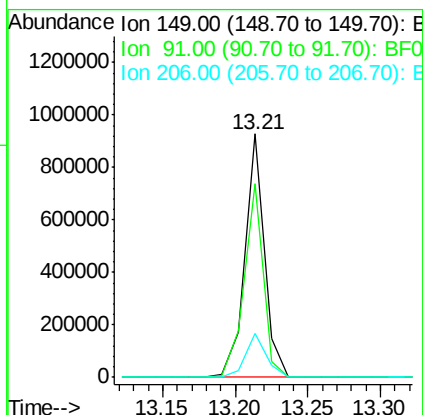
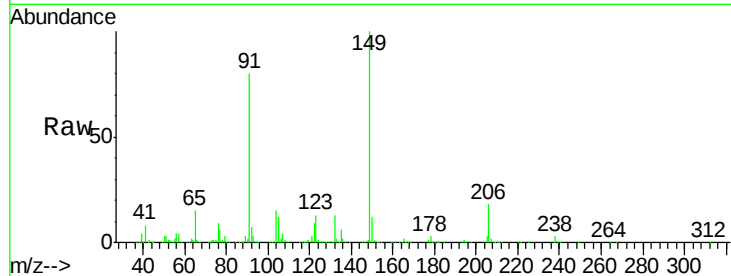




#79
Butylbenzylphthalate
Concen: 43.72 ng
RT: 13.21 min Scan# 991
Delta R.T. -0.01 min
Lab File: BF092143.D
Acq: 9 Jan 2017 17:54

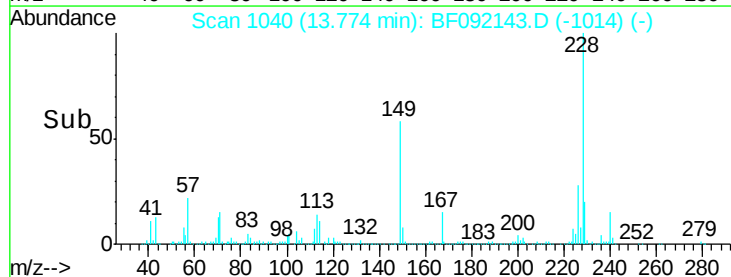
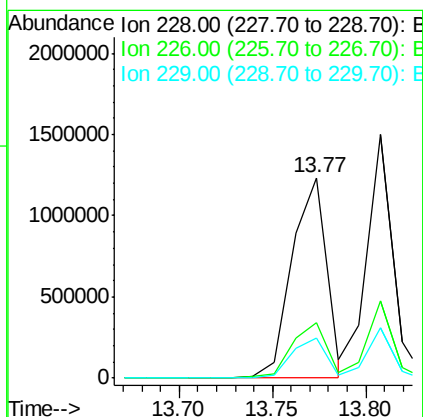
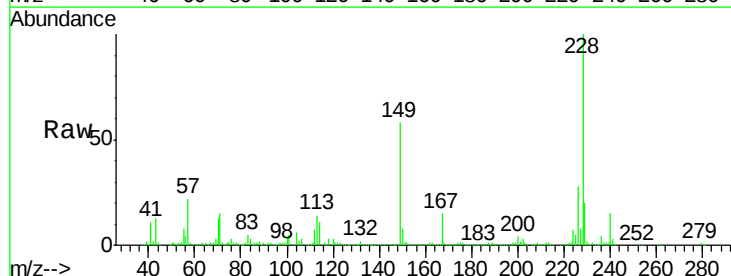
Instrument :
BNA_F
ClientSampleId :
PB95818BS

Tgt Ion	Ratio	Lower	Upper
149	100		
91	79.8	63.9	95.9
206	18.2	14.6	21.8



#80
Benzo(a)anthracene
Concen: 48.18 ng
RT: 13.77 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF092143.D
Acq: 9 Jan 2017 17:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.4	33.6
229	20.1	16.2	24.4

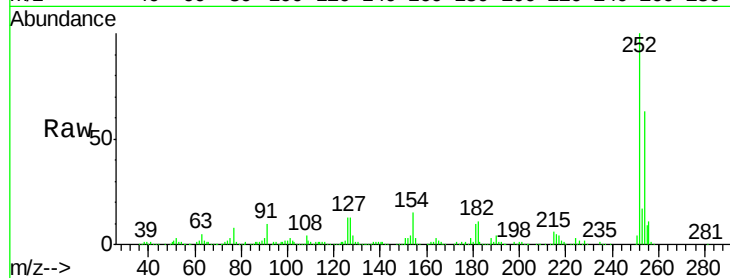




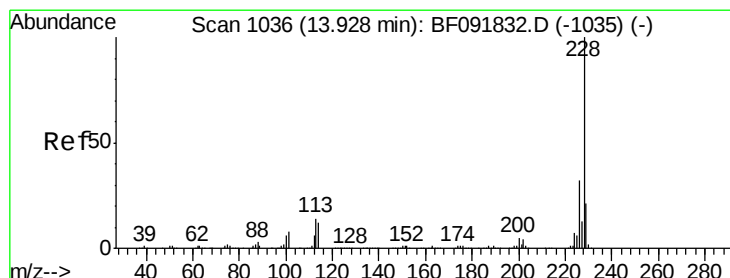
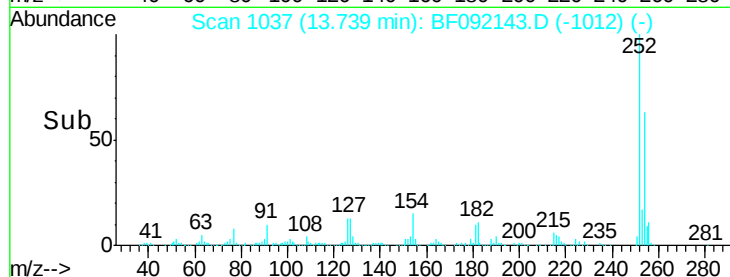
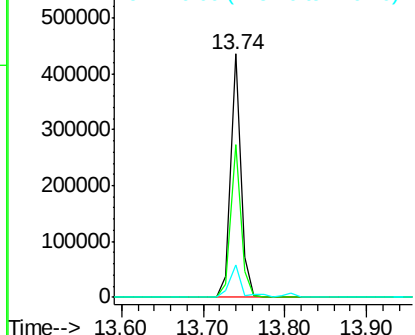
#81
 3,3'-Dichlorobenzidine
 Concen: 29.92 ng
 RT: 13.74 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF092143.D
 Acq: 9 Jan 2017 17:54

Instrument :
 BNA_F
 ClientSampleId :
 PB95818BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.6	52.3	78.5
126	13.2	13.6	20.4

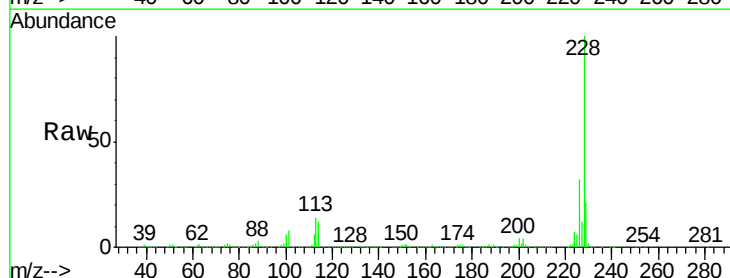


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

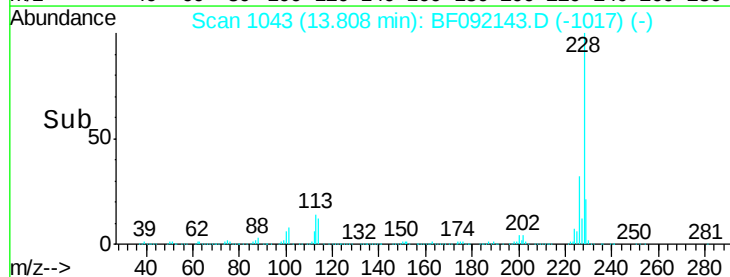
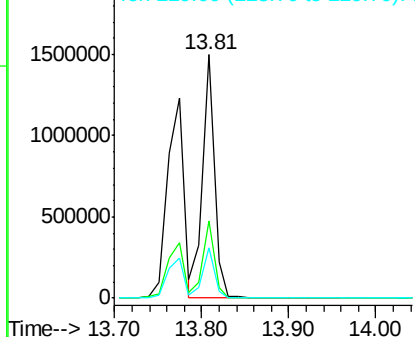


#82
 Chrysene
 Concen: 42.60 ng
 RT: 13.81 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BF092143.D
 Acq: 9 Jan 2017 17:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.4	38.0
229	20.8	16.2	24.2



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.70 ng

RT: 13.79 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

Instrument :

BNA_F

ClientSampleId :

PB95818BS

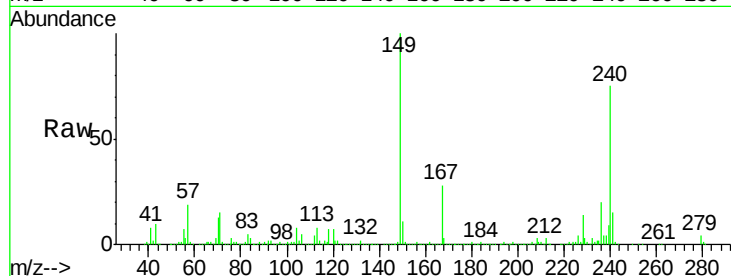
Tgt Ion:149 Resp: 1111526

Ion Ratio Lower Upper

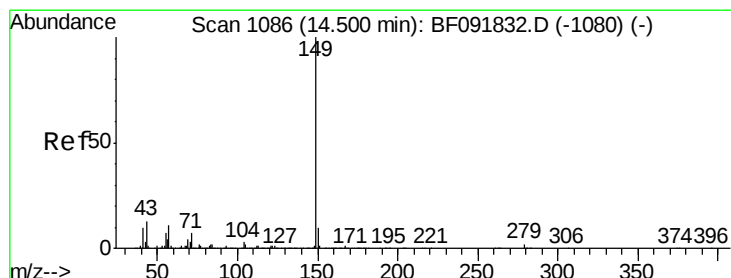
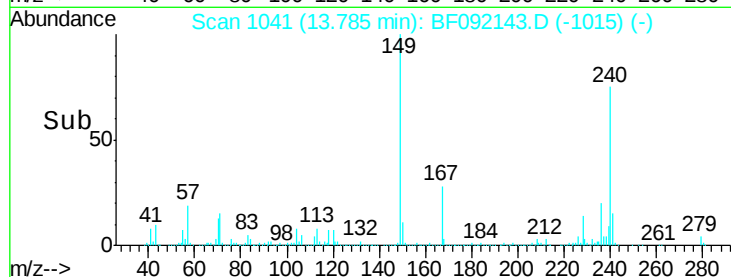
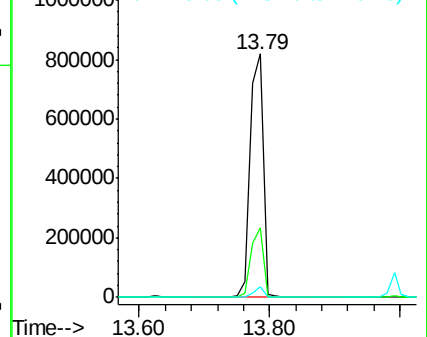
149 100

167 28.4 20.2 30.4

279 4.4 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: 49.34 ng

RT: 14.39 min Scan# 1094

Delta R.T. 0.00 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

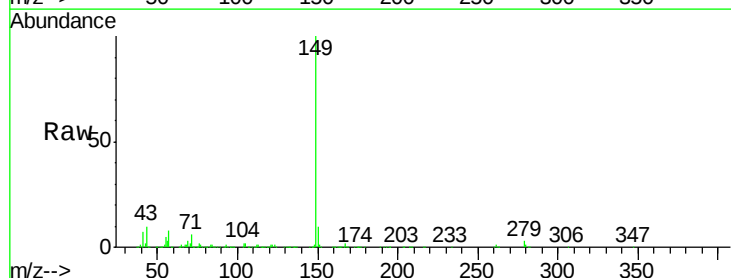
Tgt Ion:149 Resp: 2129727

Ion Ratio Lower Upper

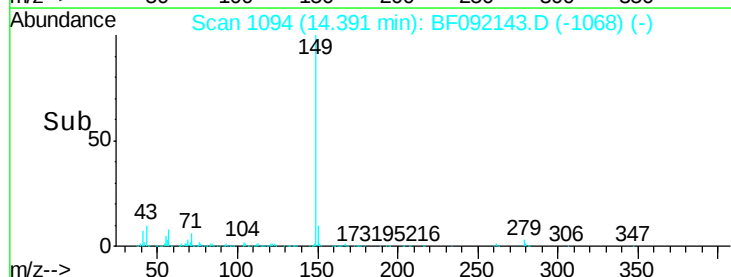
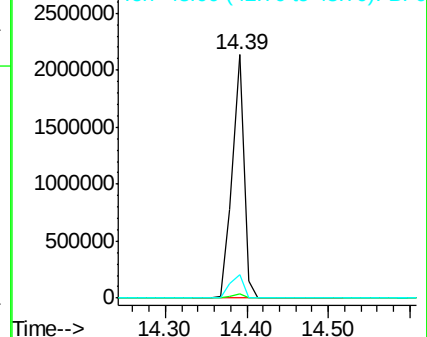
149 100

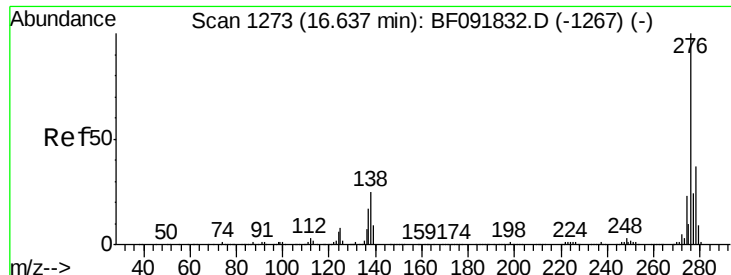
167 1.5 1.3 1.9

43 10.8 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

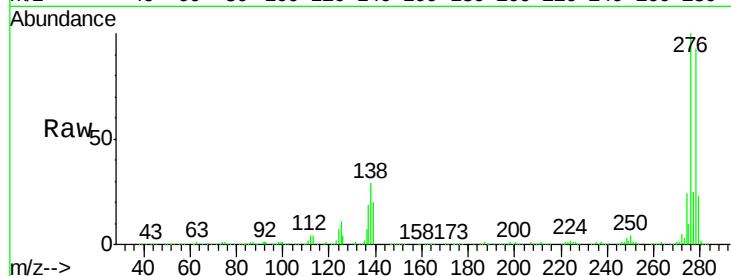




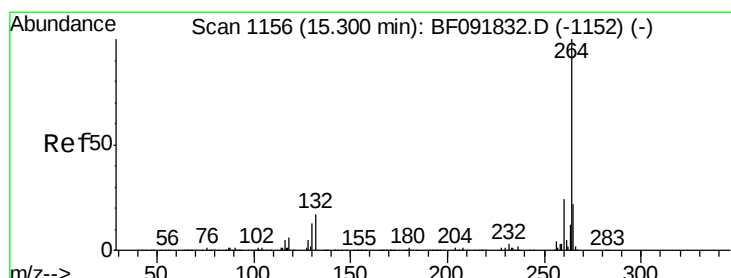
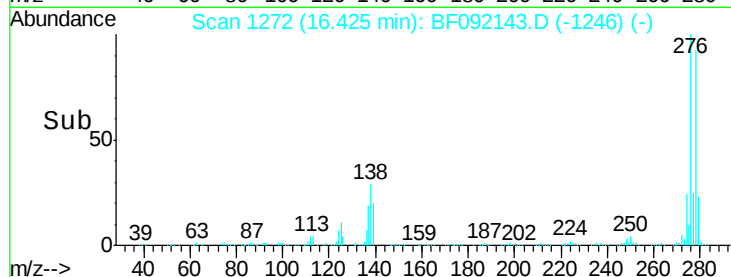
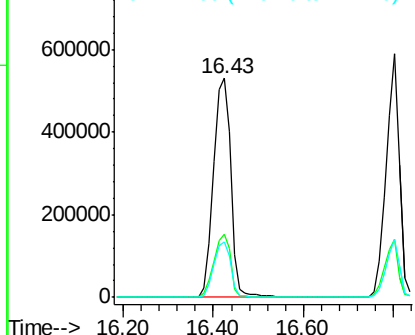
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.41 ng
 RT: 16.43 min Scan# 1272
 Delta R.T. 0.00 min
 Lab File: BF092143.D
 Acq: 9 Jan 2017 17:54

Instrument :
 BNA_F
 ClientSampleId :
 PB95818BS

Tgt Ion: 276 Resp: 1437079
 Ion Ratio Lower Upper
 276 100
 138 28.0 21.8 32.6
 277 24.7 20.2 30.4

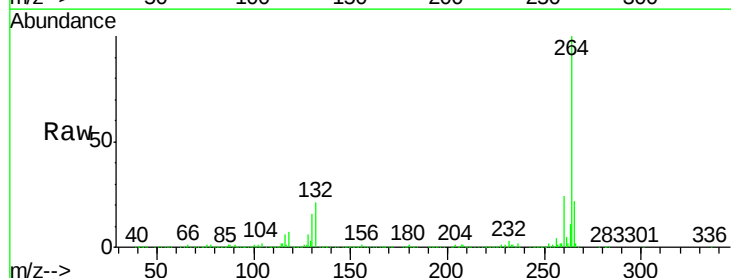


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

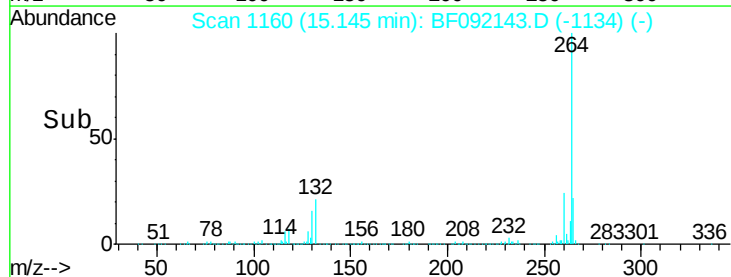
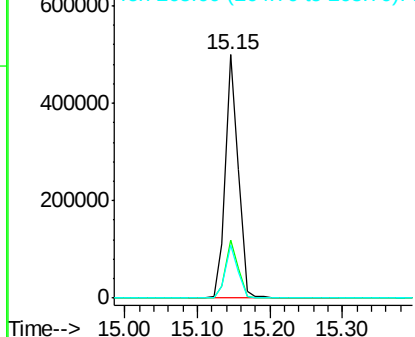


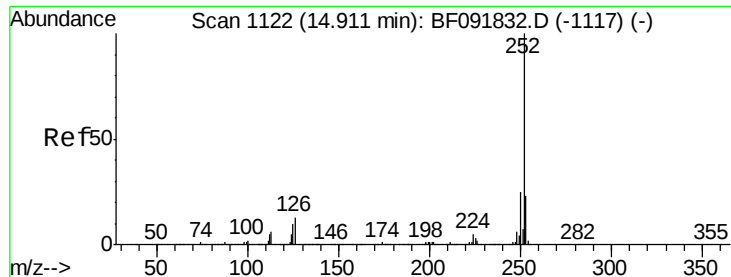
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.15 min Scan# 1160
 Delta R.T. 0.00 min
 Lab File: BF092143.D
 Acq: 9 Jan 2017 17:54

Tgt Ion: 264 Resp: 620811
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.7 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

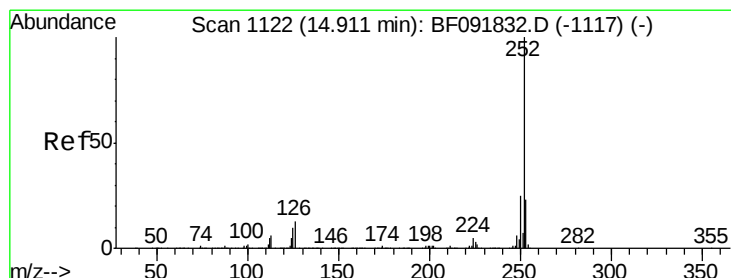
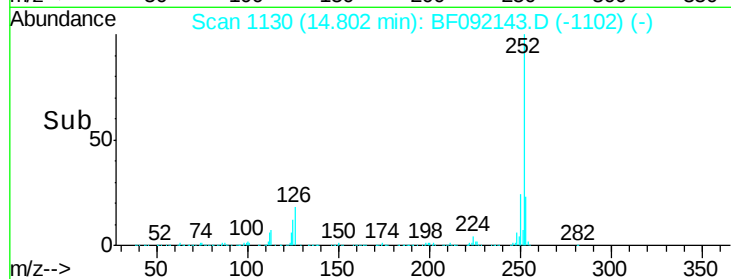
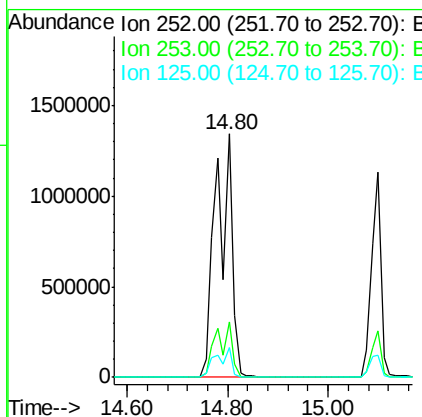
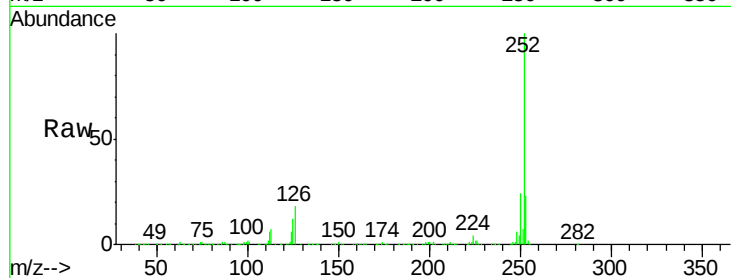




#87
Benzo(b)fluoranthene
Concen: 77.85 ng
RT: 14.80 min Scan# 1130
Delta R.T. 0.02 min
Lab File: BF092143.D
Acq: 9 Jan 2017 17:54

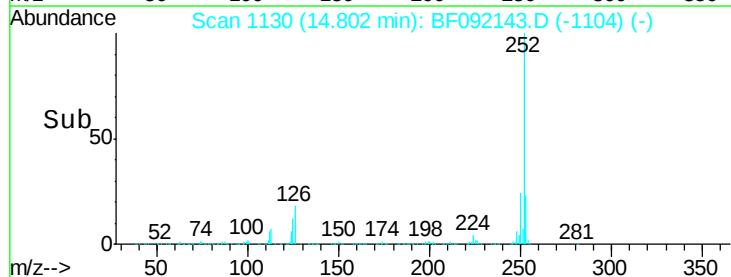
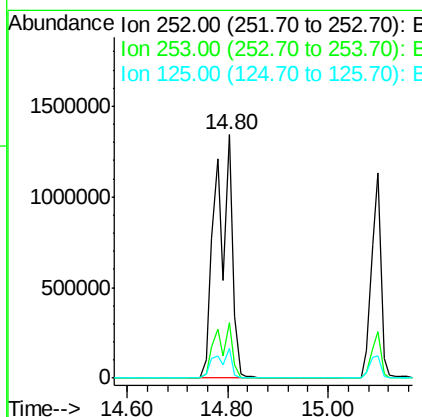
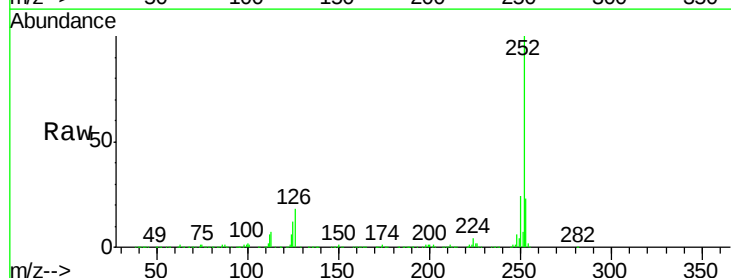
Instrument :
BNA_F
ClientSampleId :
PB95818BS

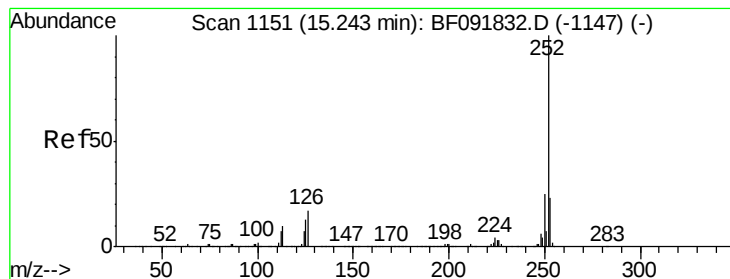
Tgt Ion:252 Resp: 3009024
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.4
125 12.2 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 91.30 ng
RT: 14.80 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BF092143.D
Acq: 9 Jan 2017 17:54

Tgt Ion:252 Resp: 3009024
Ion Ratio Lower Upper
252 100
253 22.8 18.5 27.7
125 12.2 8.9 13.3





#89

Benzo(a)pyrene

Concen: 43.63 ng

RT: 15.10 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

Instrument :

BNA_F

ClientSampleId :

PB95818BS

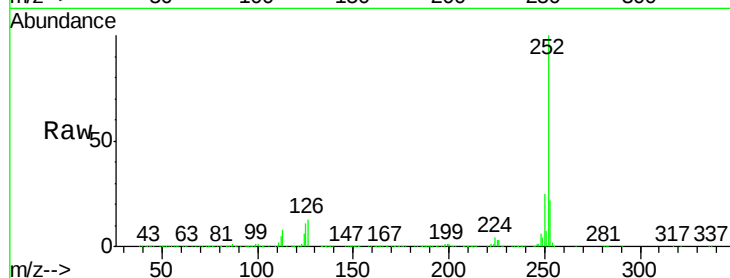
Tgt Ion:252 Resp: 1496634

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.2

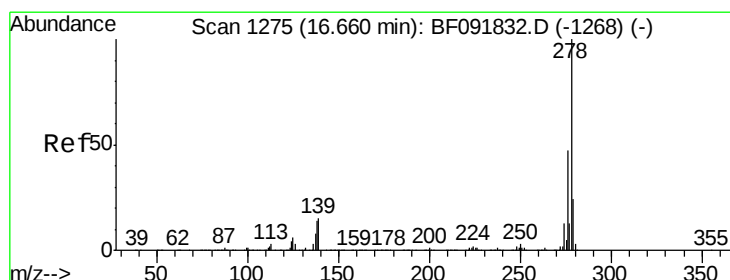
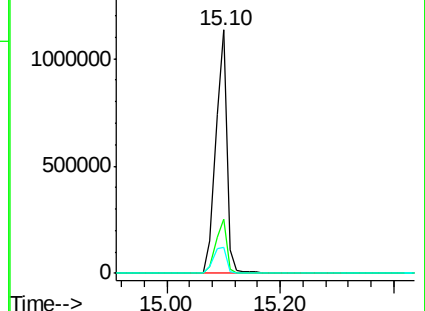
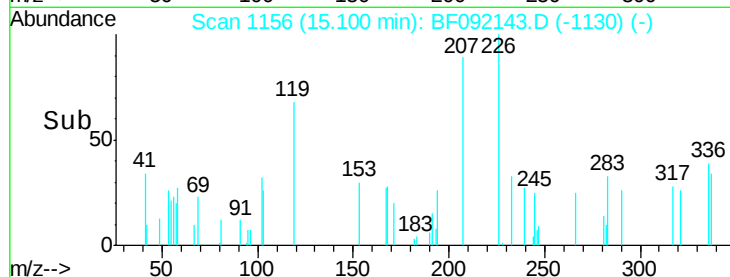
125 10.5 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.42 ng

RT: 16.44 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

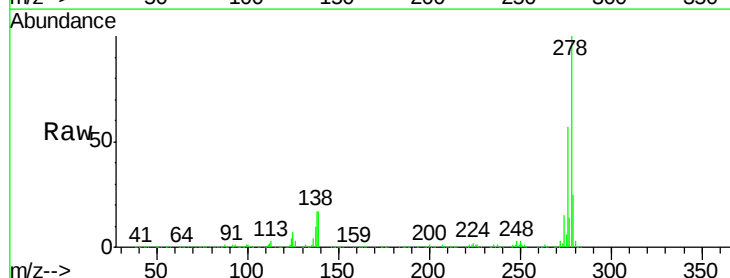
Tgt Ion:278 Resp: 1167898

Ion Ratio Lower Upper

278 100

139 16.5 14.8 22.2

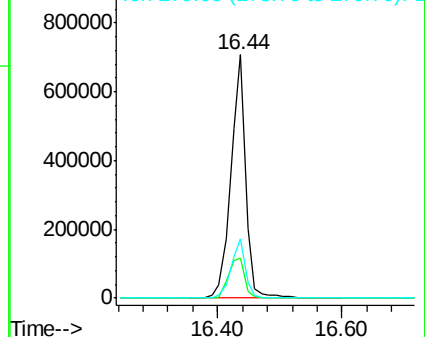
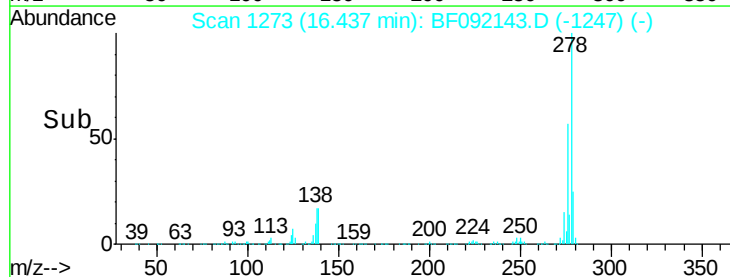
279 24.5 19.8 29.6

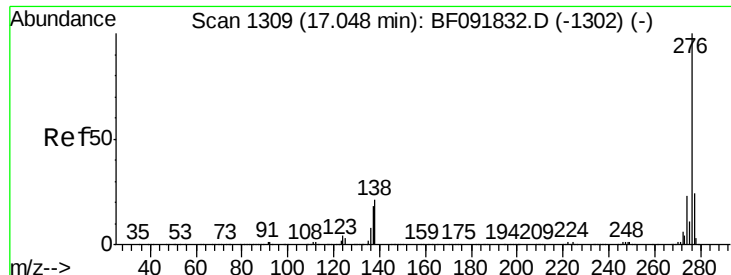


Abundance Ion 278.00 (277.70 to 278.70): E

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: 41.71 ng

RT: 16.80 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF092143.D

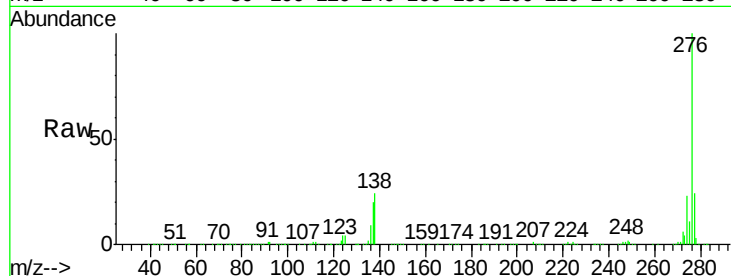
Acq: 9 Jan 2017 17:54

Instrument :

BNA_F

ClientSampleId :

PB95818BS



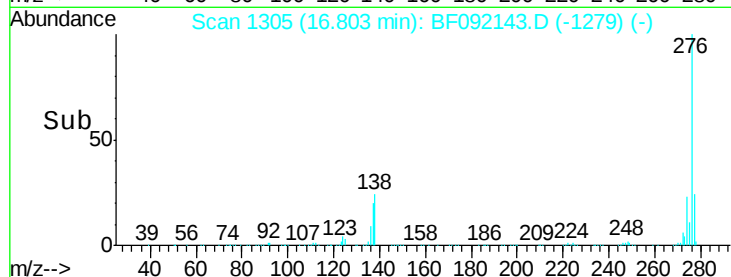
Tgt Ion: 276 Resp: 1222875

Ion Ratio Lower Upper

276 100

277 24.0 19.2 28.8

138 23.6 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

