

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110916\
 Data File : BF091129.D
 Acq On : 9 Nov 2016 17:34
 Operator : UM/SJ
 Sample : H5584-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-74-110716MS

Quant Time: Nov 09 22:42:43 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	177621	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	717113	20.00	ng	-0.01
38) Acenaphthene-d10	9.70	164	394364	20.00	ng	0.00
63) Phenanthrene-d10	11.17	188	647708	20.00	ng	0.00
75) Chrysene-d12	13.80	240	519386	20.00	ng	-0.01
86) Perylene-d12	15.17	264	369387	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	1220681	113.50	ng	0.02
7) Phenol-d6	6.32	99	1472687	100.88	ng	0.00
23) Nitrobenzene-d5	7.23	82	1060848	80.70	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	488722	137.08	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	1837606	80.22	ng	-0.01
78) Terphenyl-d14	12.76	244	2091772	100.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.34	88	193511	31.45	ng	# 82
3) Pyridine	2.97	79	306755	21.31	ng	97
4) n-Nitrosodimethylamine	2.90	42	196412	34.50	ng	84
6) Aniline	6.33	93	450680	26.17	ng	# 22
8) 2-Chlorophenol	6.44	128	504263	39.31	ng	99
9) Benzaldehyde	6.43	77	30055	3.71	ng	91
10) Phenol	6.33	94	488215	30.22	ng	# 77
11) bis(2-Chloroethyl)ether	6.41	93	550803	40.46	ng	85
12) 1,3-Dichlorobenzene	6.83	146	488359	37.64	ng	97
13) 1,4-Dichlorobenzene	6.67	146	530429	38.10	ng	95
14) 1,2-Dichlorobenzene	6.83	146	498009	38.98	ng	95
15) Benzyl Alcohol	6.82	79	422846	41.07	ng	90
16) 2,2'-oxybis(1-Chloropropan	6.94	45	611640	31.38	ng	67
17) 2-Methylphenol	6.93	107	399991	39.39	ng	97
18) Hexachloroethane	7.16	117	196138	36.41	ng	# 89
19) n-Nitroso-di-n-propylamine	7.08	70	377751	37.34	ng	97
20) 3+4-Methylphenols	7.09	107	528201	43.32	ng	94
22) Acetophenone	7.08	105	716239	43.38	ng	# 93
24) Nitrobenzene	7.25	77	550031	37.89	ng	# 87
25) Isophorone	7.49	82	1045223	41.26	ng	97
26) 2-Nitrophenol	7.56	139	267660	43.56	ng	# 85
27) 2,4-Dimethylphenol	7.62	122	461128	45.38	ng	99
28) bis(2-Chloroethoxy)methane	7.71	93	635078	45.89	ng	99
29) 2,4-Dichlorophenol	7.81	162	424053	47.82	ng	98
30) 1,2,4-Trichlorobenzene	7.89	180	443603	44.49	ng	96
31) Naphthalene	7.96	128	1494343	43.57	ng	99
32) Benzoic acid	7.77	122	213420	29.15	ng	94
33) 4-Chloroaniline	8.03	127	320500	22.47	ng	99
34) Hexachlorobutadiene	8.09	225	260819	48.46	ng	99
35) Caprolactam	8.41	113	59302	21.29	ng	# 78
36) 4-Chloro-3-methylphenol	8.52	107	442186	41.19	ng	91
37) 2-Methylnaphthalene	8.66	142	1007805	45.71	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	443515	44.11	ng	98
40) Hexachlorocyclopentadiene	8.81	237	348153	88.48	ng	97

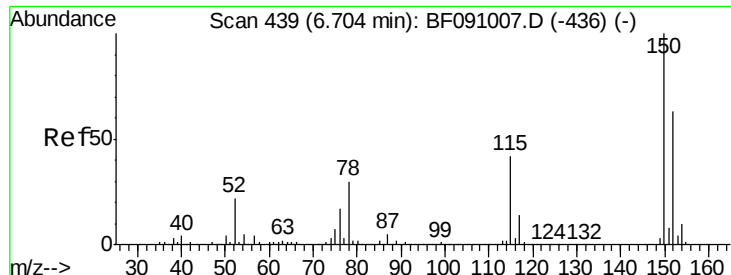
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110916\
 Data File : BF091129.D
 Acq On : 9 Nov 2016 17:34
 Operator : UM/SJ
 Sample : H5584-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-74-110716MS

Quant Time: Nov 09 22:42:43 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	293850	45.27	ng	100
43) 2,4,5-Trichlorophenol	8.99	196	293713	43.10	ng	# 85
45) 1,1'-Biphenyl	9.13	154	1181051	41.01	ng	95
46) 2-Chloronaphthalene	9.15	162	936397	42.83	ng	92
47) 2-Nitroaniline	9.25	65	308317	38.00	ng	# 83
48) Acenaphthylene	9.56	152	1422112	41.74	ng	99
49) Dimethylphthalate	9.44	163	1104207	42.70	ng	99
50) 2,6-Dinitrotoluene	9.49	165	231338	41.74	ng	# 78
51) Acenaphthene	9.73	154	880699	41.17	ng	99
52) 3-Nitroaniline	9.66	138	190272	28.95	ng	85
53) 2,4-Dinitrophenol	9.78	184	278101	91.18	ng	96
54) Dibenzofuran	9.90	168	1296781	45.04	ng	92
55) 4-Nitrophenol	9.85	139	240471	56.74	ng	88
56) 2,4-Dinitrotoluene	9.90	165	324644	46.04	ng	# 89
57) Fluorene	10.25	166	998070	42.41	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	261672	49.01	ng	89
59) Diethylphthalate	10.13	149	1146220	43.23	ng	98
60) 4-Chlorophenyl-phenylether	10.24	204	461343	43.07	ng	# 89
61) 4-Nitroaniline	10.28	138	258025	38.81	ng	94
62) Azobenzene	10.40	77	1195897	38.32	ng	92
64) 4,6-Dinitro-2-methylphenol	10.32	198	166287	41.93	ng	95
65) n-Nitrosodiphenylamine	10.36	169	905600	43.99	ng	100
66) 4-Bromophenyl-phenylether	10.73	248	325646	48.34	ng	# 69
67) Hexachlorobenzene	10.78	284	333053	44.82	ng	95
68) Atrazine	10.90	200	284350	47.88	ng	98
69) Pentachlorophenol	10.99	266	323171	98.20	ng	99
70) Phenanthrene	11.20	178	1354163	39.33	ng	99
71) Anthracene	11.25	178	1614381	44.10	ng	100
72) Carbazole	11.41	167	1417147	42.96	ng	97
73) Di-n-butylphthalate	11.75	149	1591943	38.37	ng	99
74) Fluoranthene	12.39	202	1514673	42.42	ng	88
76) Benzidine	12.51	184	122943	10.60	ng	97
77) Pyrene	12.60	202	1371890	40.33	ng	99
79) Butylbenzylphthalate	13.23	149	643984	39.58	ng	95
80) Benzo(a)anthracene	13.79	228	1237439	41.96	ng	100
81) 3,3'-Dichlorobenzidine	13.76	252	266257	25.70	ng	# 95
82) Chrysene	13.83	228	1163484	40.01	ng	99
83) Bis(2-ethylhexyl)phthalate	13.80	149	913606	41.49	ng	# 92
84) Di-n-octyl phthalate	14.41	149	1429150	39.48	ng	95
85) Indeno(1,2,3-cd)pyrene	16.47	276	1030117	42.70	ng	95
87) Benzo(b)fluoranthene	14.80	252	1976807	78.90	ng	99
88) Benzo(k)fluoranthene	14.80	252	1976807	89.95	ng	97
89) Benzo(a)pyrene	15.12	252	893020	40.94	ng	# 96
90) Dibenzo(a,h)anthracene	16.47	278	871711	46.23	ng	99
91) Benzo(g,h,i)perylene	16.84	276	816188	47.87	ng	95

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

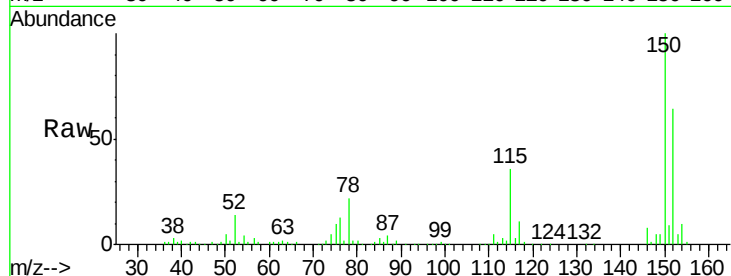


#1

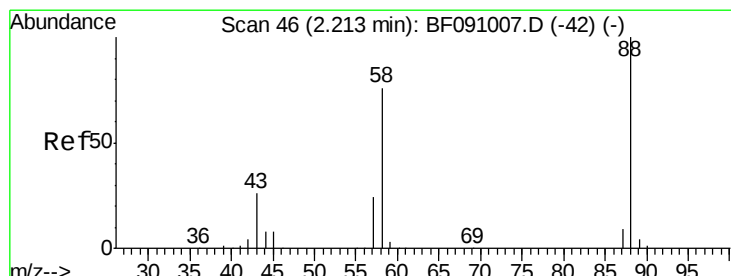
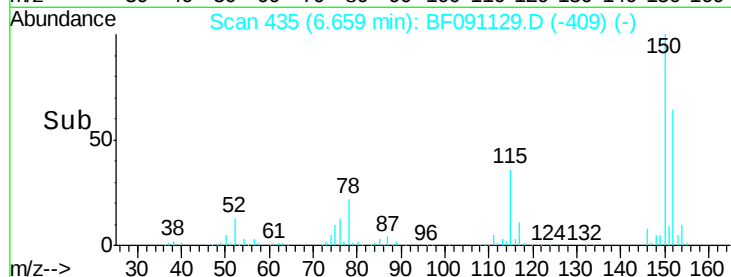
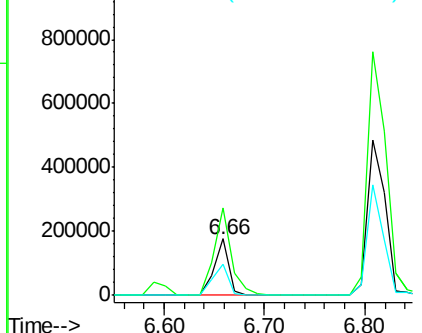
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF091129.D
Acq: 9 Nov 2016 17:34

Instrument :
BNA_F
ClientSampleId :
HSR-WC-74-110716MS

Tgt Ion: 152 Resp: 177621
Ion Ratio Lower Upper
152 100
150 155.3 126.8 190.2
115 55.9 53.3 79.9



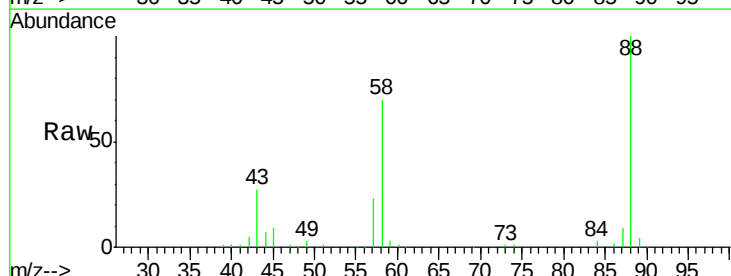
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



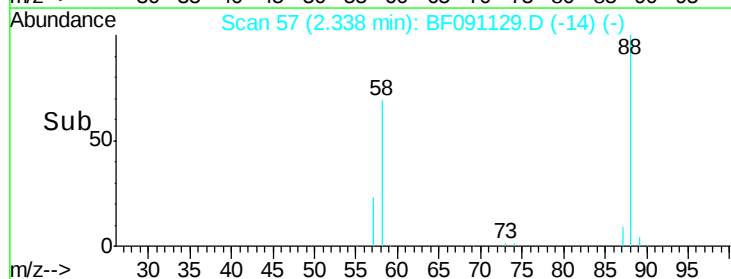
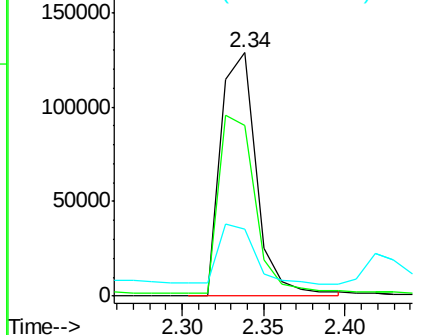
#2

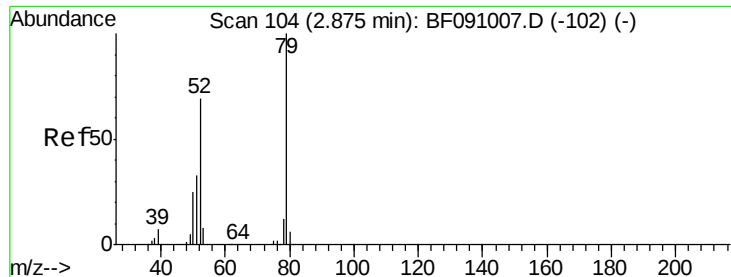
1,4-Dioxane
Concen: 31.45 ng
RT: 2.34 min Scan# 57
Delta R.T. 0.19 min
Lab File: BF091129.D
Acq: 9 Nov 2016 17:34

Tgt Ion: 88 Resp: 193511
Ion Ratio Lower Upper
88 100
58 74.6 63.8 95.6
43 0.0 22.6 33.8#



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





#3

Pyridine

Concen: 21.31 ng

RT: 2.97 min Scan# 112

Delta R.T. 0.18 min

Lab File: BF091129.D

Acq: 9 Nov 2016 17:34

Instrument :

BNA_F

ClientSampleId :

HSR-WC-74-110716MS

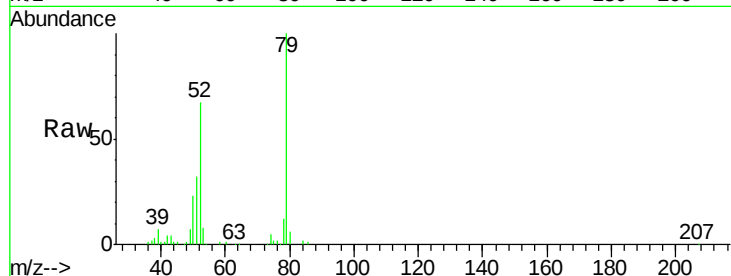
Tgt Ion: 79 Resp: 306755

Ion Ratio Lower Upper

79 100

52 66.9 55.4 83.0

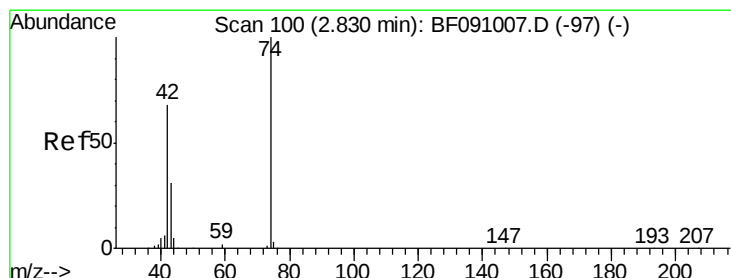
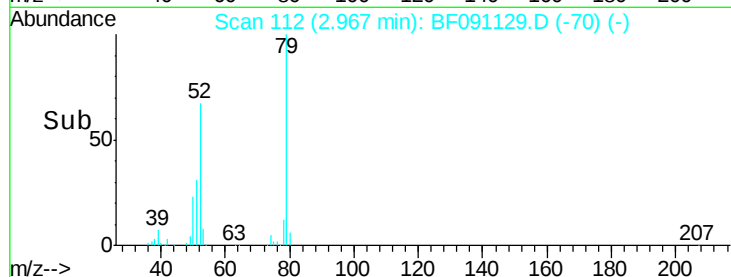
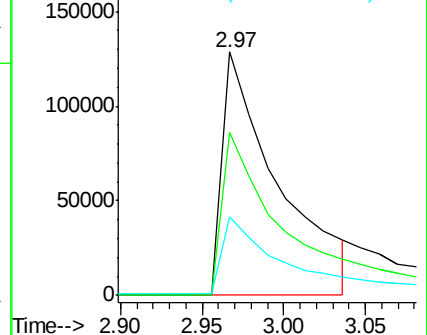
51 32.2 27.4 41.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 34.50 ng

RT: 2.90 min Scan# 106

Delta R.T. 0.15 min

Lab File: BF091129.D

Acq: 9 Nov 2016 17:34

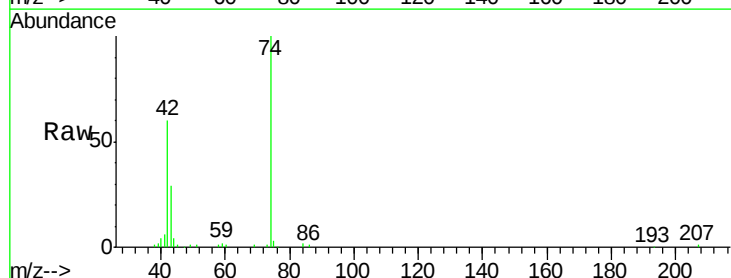
Tgt Ion: 42 Resp: 196412

Ion Ratio Lower Upper

42 100

74 168.0 117.3 175.9

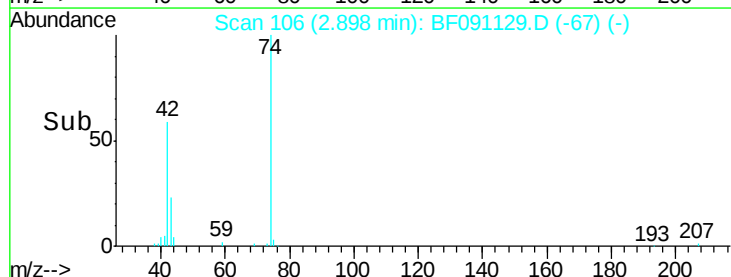
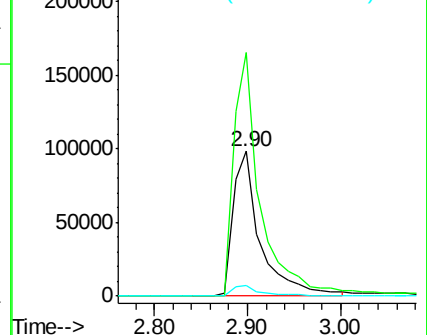
44 7.4 5.8 8.8



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 113.50 ng

RT: 5.26 min Scan# 313

Delta R.T. 0.02 min

Lab File: BF091129.D

Acq: 9 Nov 2016 17:34

Instrument :

BNA_F

ClientSampleId :

HSR-WC-74-110716MS

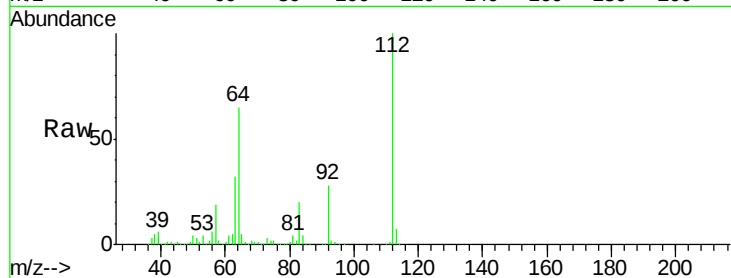
Tgt Ion: 112 Resp: 1220681

Ion Ratio Lower Upper

112 100

64 65.0 55.8 83.6

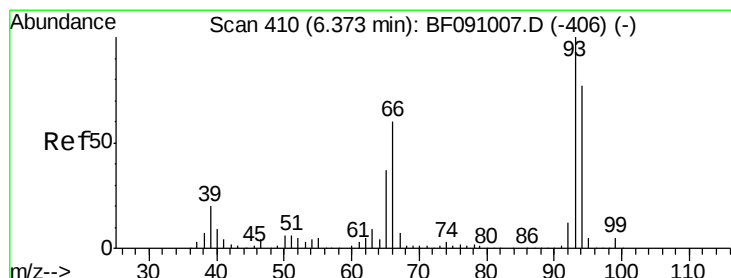
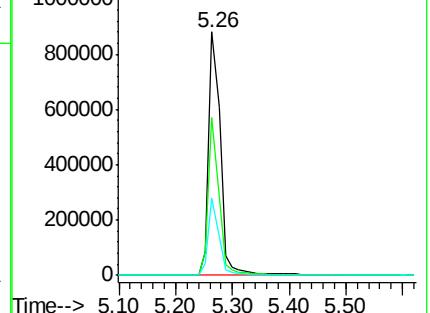
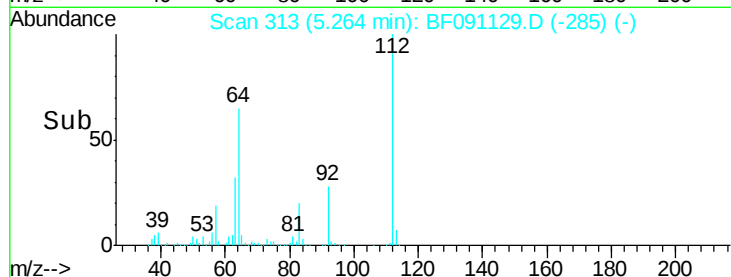
63 31.9 28.0 42.0



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: 26.17 ng

RT: 6.33 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF091129.D

Acq: 9 Nov 2016 17:34

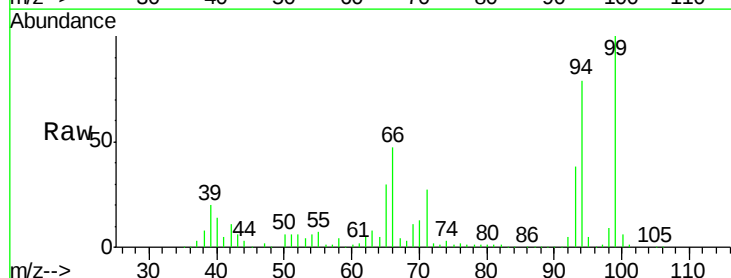
Tgt Ion: 93 Resp: 450680

Ion Ratio Lower Upper

93 100

66 122.8 48.2 72.2#

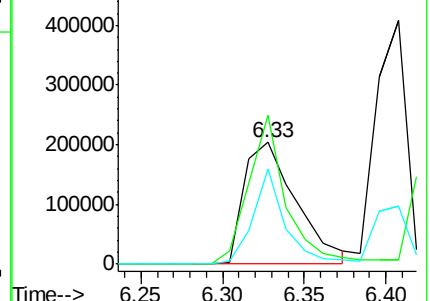
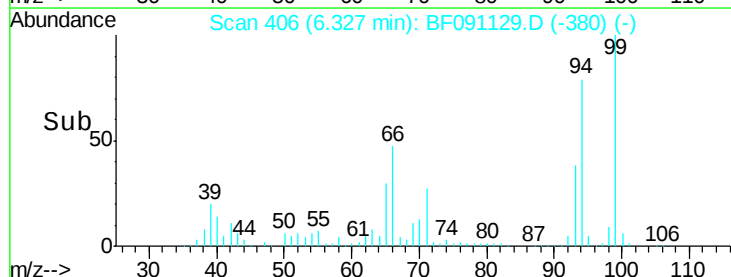
65 78.5 29.4 44.0#



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: 100.88 ng

RT: 6.32 min Scan# 405

Delta R.T. 0.00 min

Lab File: BF091129.D

Acq: 9 Nov 2016 17:34

Instrument :

BNA_F

ClientSampleId :

HSR-WC-74-110716MS

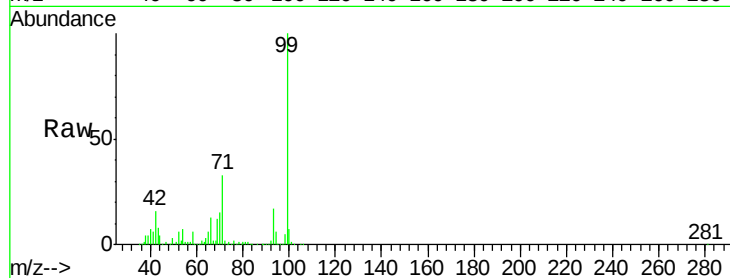
Tgt Ion: 99 Resp: 1472687

Ion Ratio Lower Upper

99 100

42 15.6 13.9 20.9

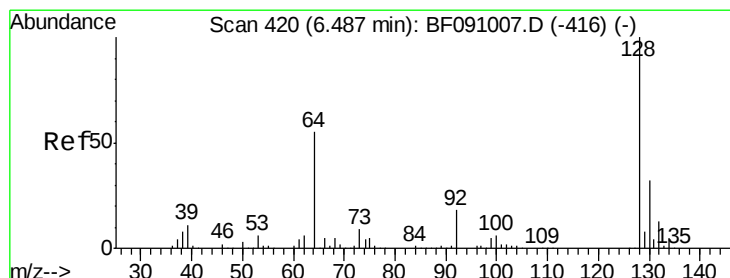
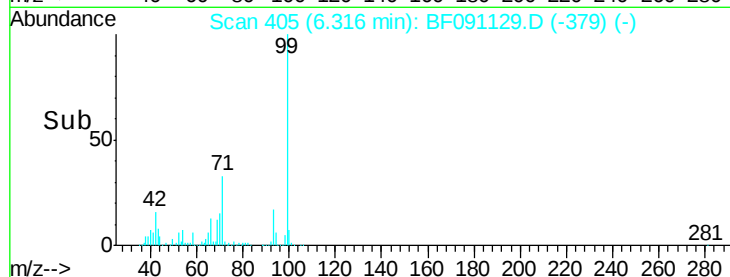
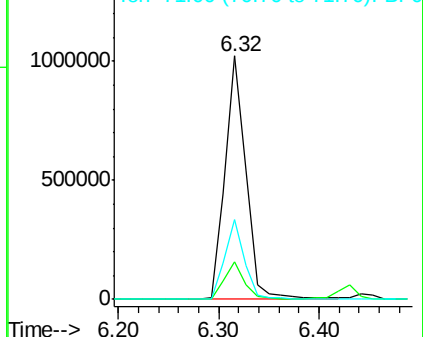
71 32.6 27.8 41.8



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: 39.31 ng

RT: 6.44 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF091129.D

Acq: 9 Nov 2016 17:34

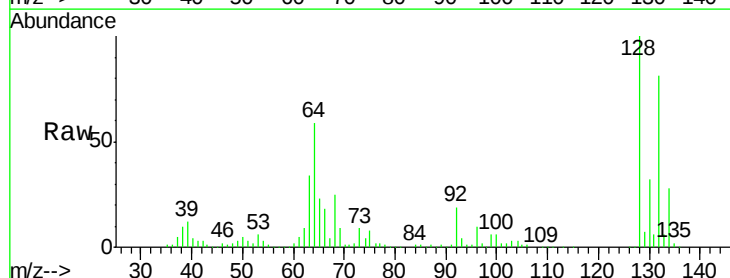
Tgt Ion: 128 Resp: 504263

Ion Ratio Lower Upper

128 100

130 31.9 12.0 52.0

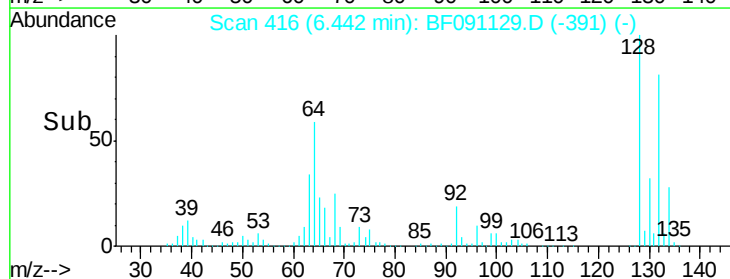
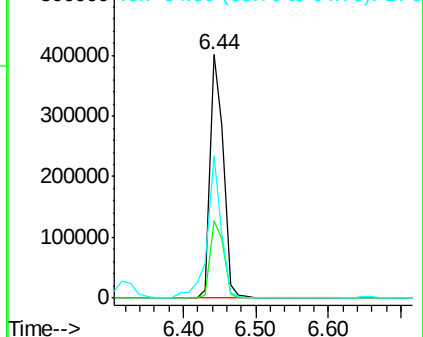
64 58.8 37.2 77.2

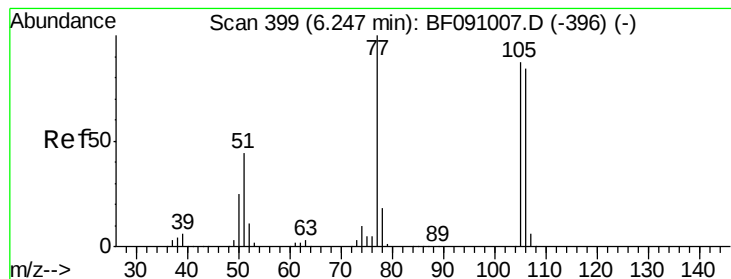


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 3.71 ng

RT: 6.43 min Scan# 415

Delta R.T. 0.23 min

Lab File: BF091129.D

Acq: 9 Nov 2016 17:34

Instrument :

BNA_F

ClientSampleId :

HSR-WC-74-110716MS

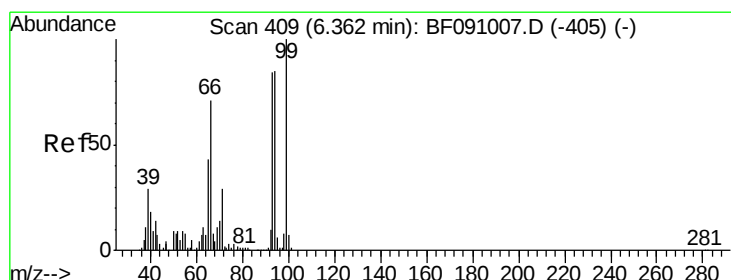
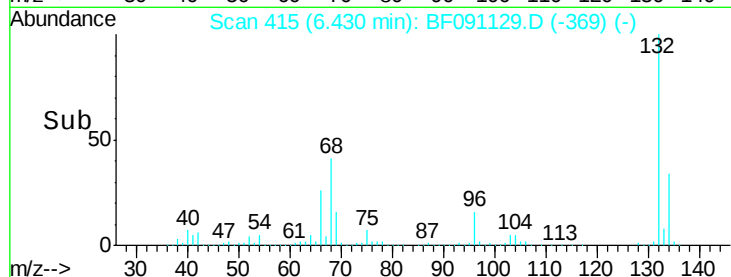
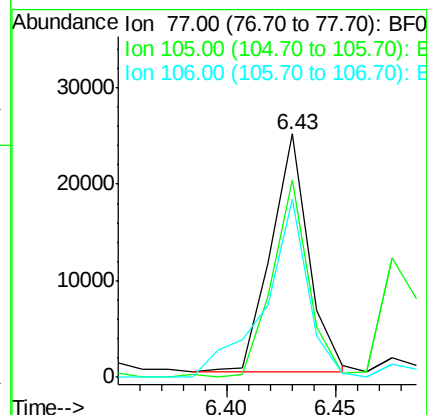
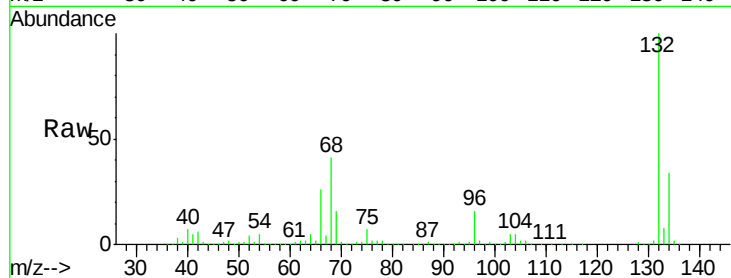
Tgt Ion: 77 Resp: 30055

Ion Ratio Lower Upper

77 100

105 80.9 66.8 106.8

106 73.2 64.0 104.0



#10

Phenol

Concen: 30.22 ng

RT: 6.33 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF091129.D

Acq: 9 Nov 2016 17:34

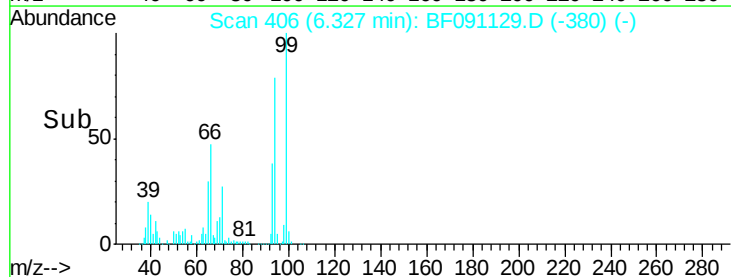
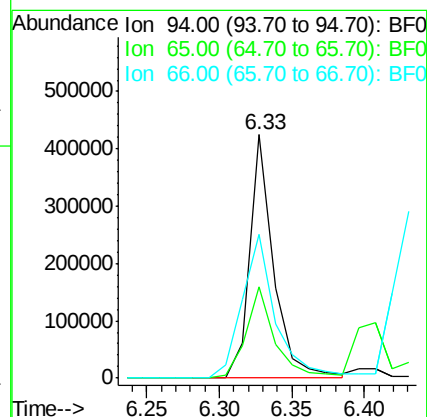
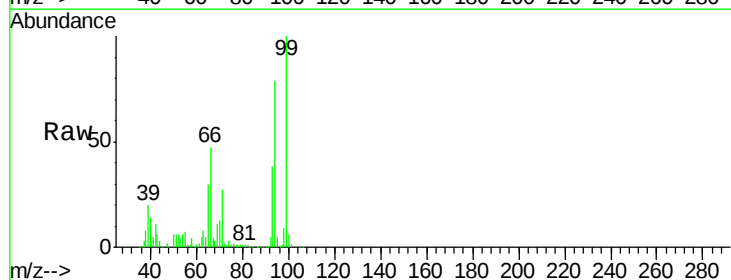
Tgt Ion: 94 Resp: 488215

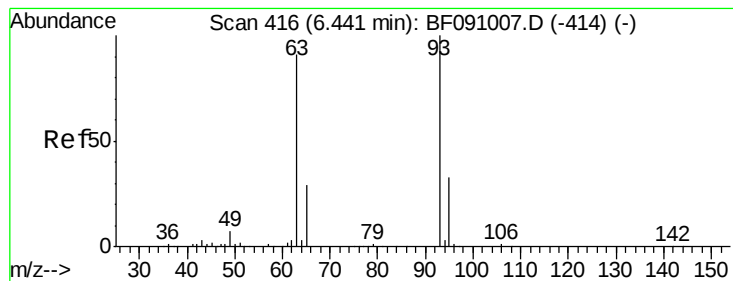
Ion Ratio Lower Upper

94 100

65 37.7 30.4 70.4

66 59.0 62.9 102.9#





#11

bis(2-Chloroethyl)ether

Concen: 40.46 ng

RT: 6.41 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF091129.D

Acq: 9 Nov 2016 17:34

Instrument :

BNA_F

ClientSampleId :

HSR-WC-74-110716MS

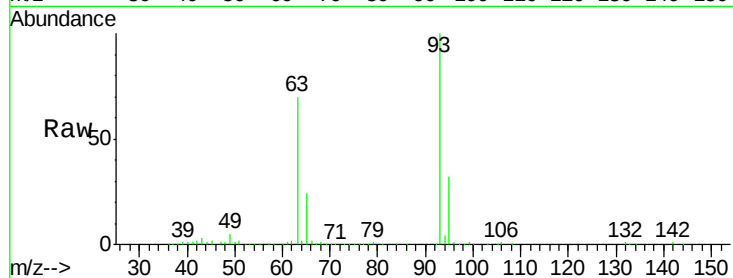
Tgt Ion: 93 Resp: 550803

Ion Ratio Lower Upper

93 100

63 70.4 68.9 108.9

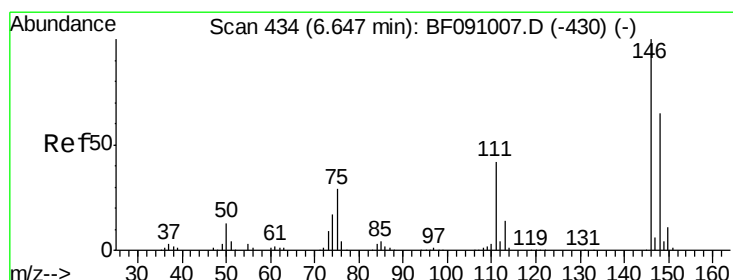
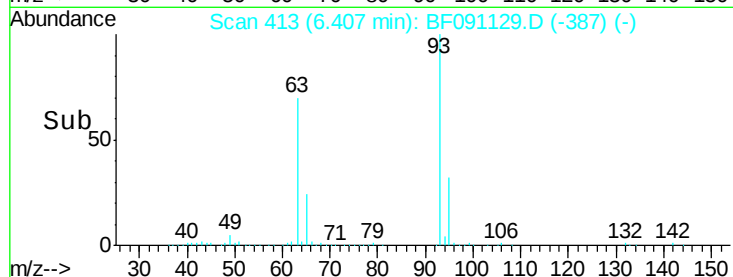
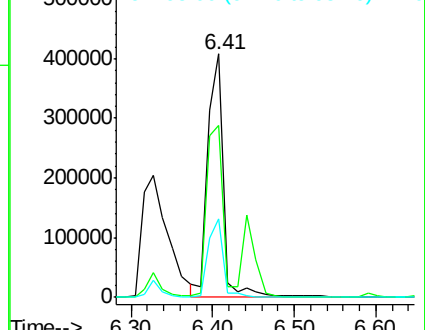
95 32.4 12.3 52.3



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: 37.64 ng

RT: 6.83 min Scan# 450

Delta R.T. 0.23 min

Lab File: BF091129.D

Acq: 9 Nov 2016 17:34

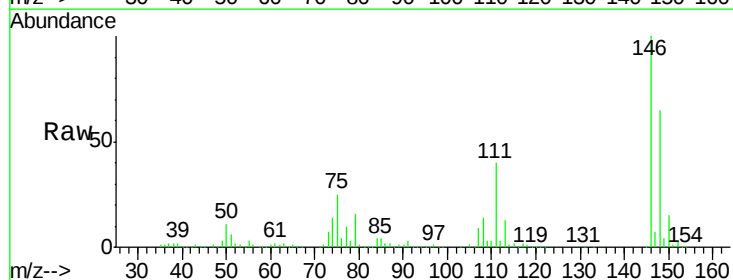
Tgt Ion: 146 Resp: 488359

Ion Ratio Lower Upper

146 100

148 65.4 52.0 78.0

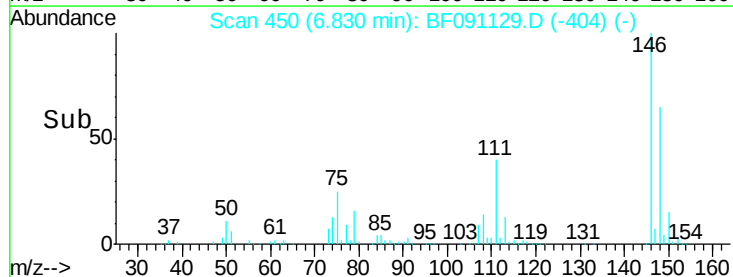
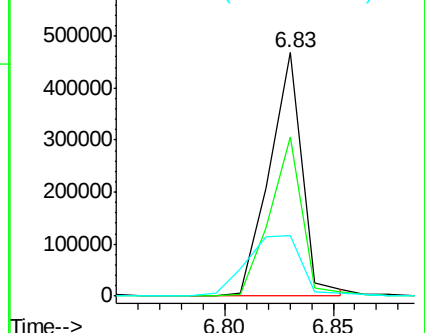
75 24.7 23.0 34.6



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

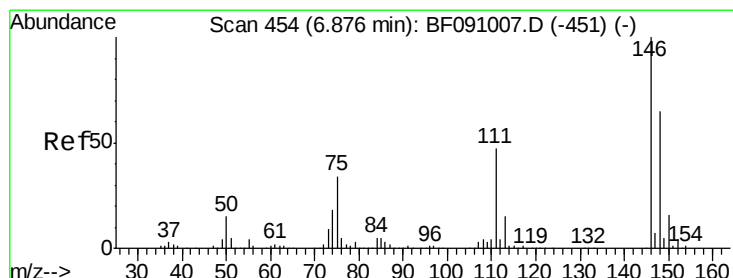
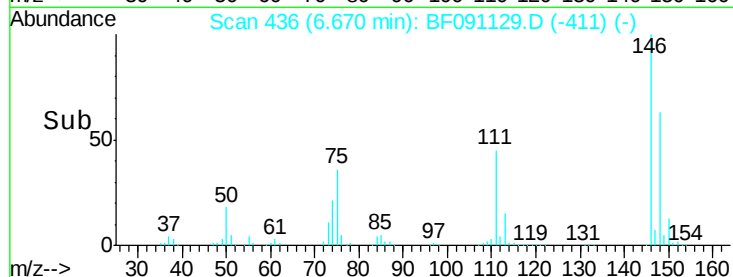
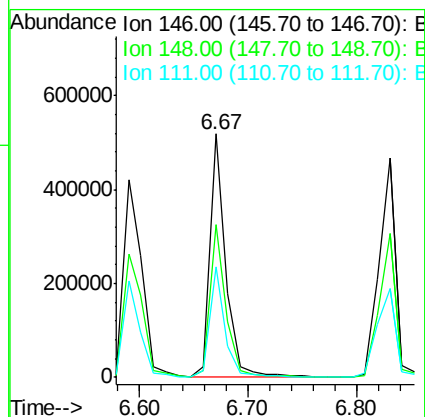
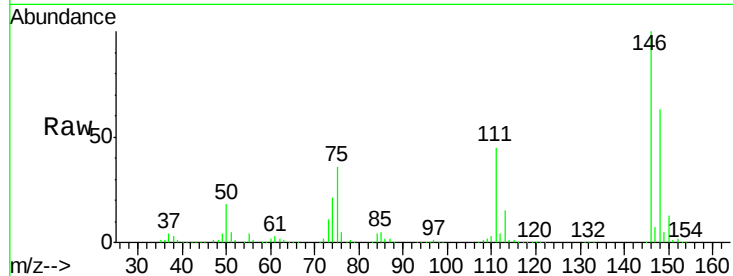




#13
 1,4-Dichlorobenzene
 Concen: 38.10 ng
 RT: 6.67 min Scan# 436
 Delta R.T. -0.01 min
 Lab File: BF091129.D
 Acq: 9 Nov 2016 17:34

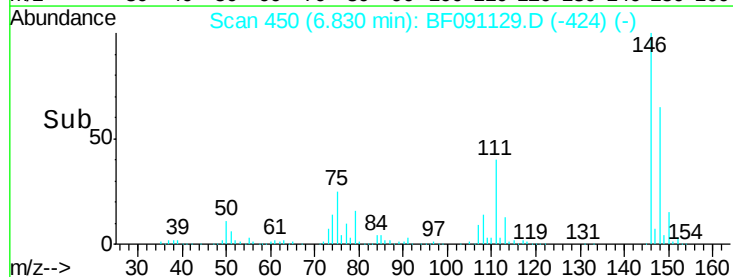
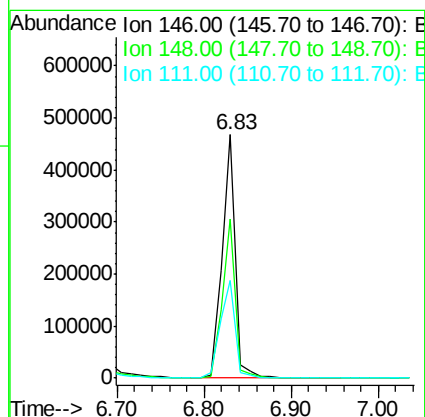
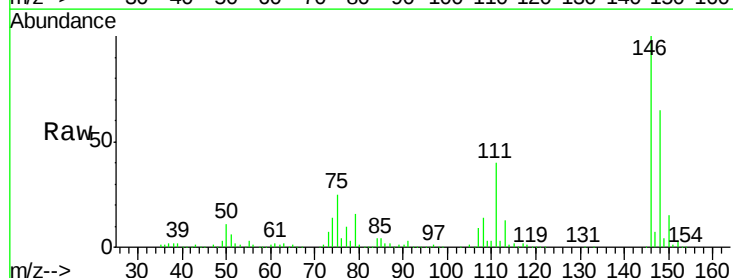
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-74-110716MS

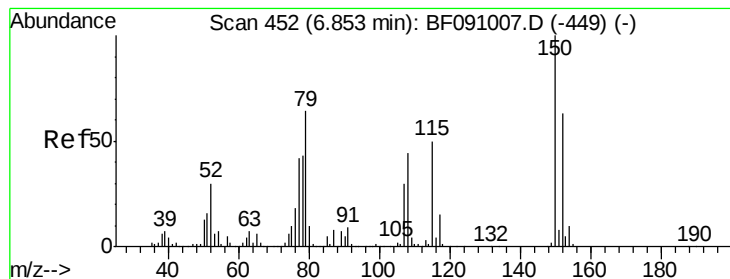
Tgt Ion:146 Resp: 530429
 Ion Ratio Lower Upper
 146 100
 148 62.8 52.1 78.1
 111 45.4 31.6 47.4



#14
 1,2-Dichlorobenzene
 Concen: 38.98 ng
 RT: 6.83 min Scan# 450
 Delta R.T. 0.00 min
 Lab File: BF091129.D
 Acq: 9 Nov 2016 17:34

Tgt Ion:146 Resp: 498009
 Ion Ratio Lower Upper
 146 100
 148 65.4 51.6 77.4
 111 40.1 37.3 55.9





#15

Benzyl Alcohol

Concen: 41.07 ng

RT: 6.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF091129.D

Acq: 9 Nov 2016 17:34

Instrument :

BNA_F

ClientSampleId :

HSR-WC-74-110716MS

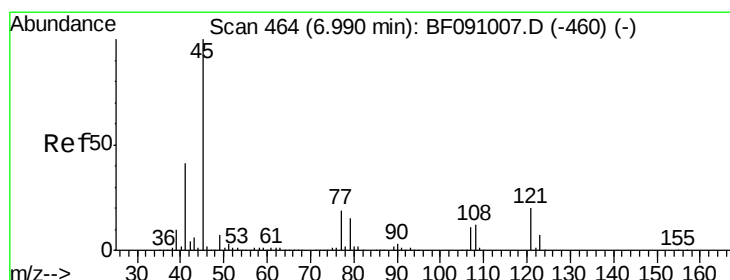
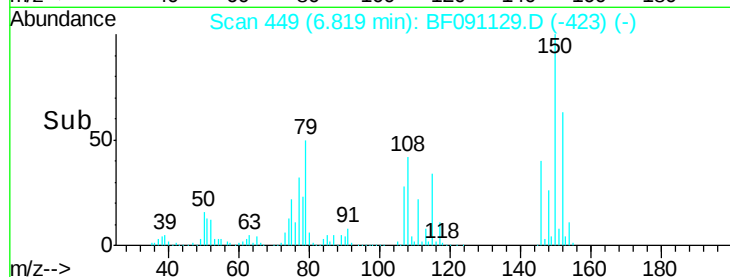
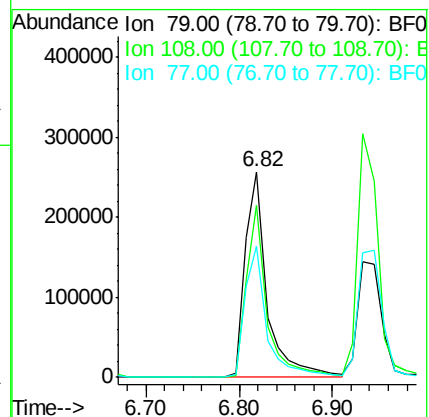
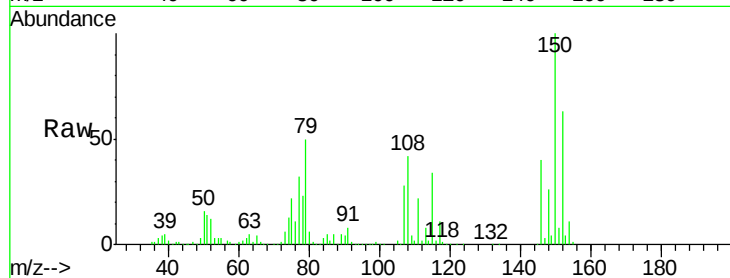
Tgt Ion: 79 Resp: 422846

Ion Ratio Lower Upper

79 100

108 83.5 55.7 83.5

77 63.7 52.6 79.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.38 ng

RT: 6.94 min Scan# 460

Delta R.T. -0.01 min

Lab File: BF091129.D

Acq: 9 Nov 2016 17:34

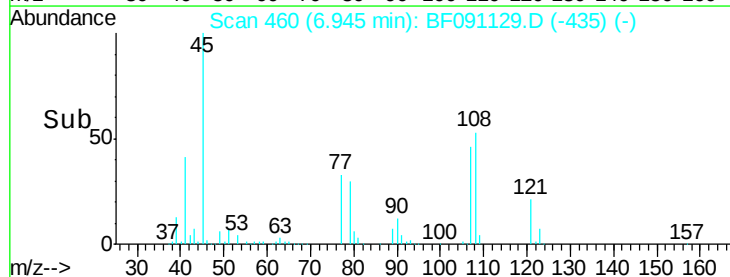
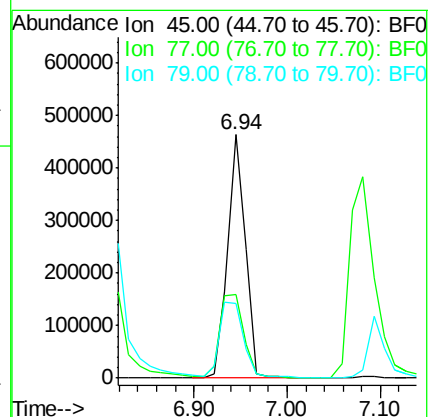
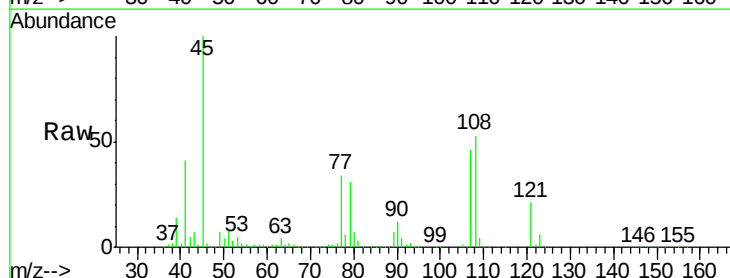
Tgt Ion: 45 Resp: 611640

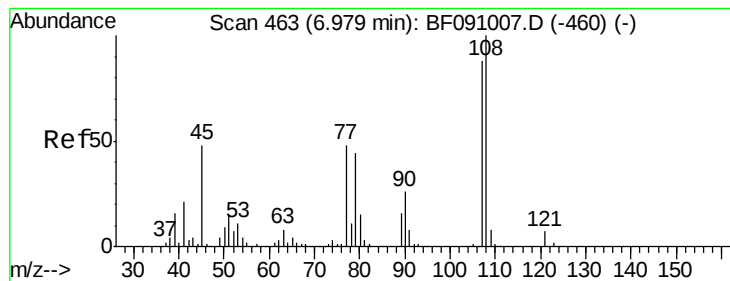
Ion Ratio Lower Upper

45 100

77 34.4 0.0 39.6

79 30.6 0.0 35.9





#17

2-Methylphenol

Concen: 39.39 ng

RT: 6.93 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF091129.D

Acq: 9 Nov 2016 17:34

Instrument :

BNA_F

ClientSampleId :

HSR-WC-74-110716MS

Tgt Ion:107 Resp: 399991

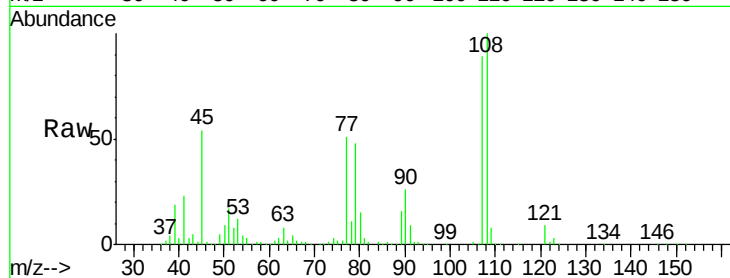
Ion Ratio Lower Upper

107 100

108 112.8 91.0 136.6

77 57.9 43.8 65.8

79 53.8 40.6 60.8

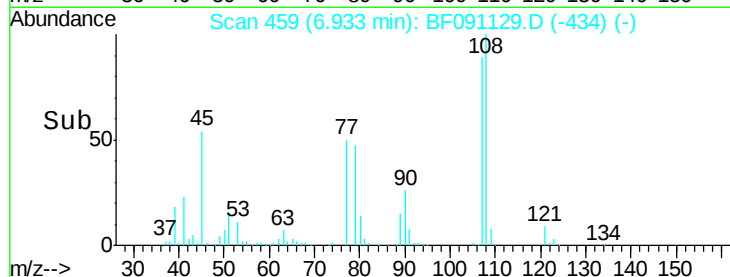


Abundance Ion 107.00 (106.70 to 107.70): E

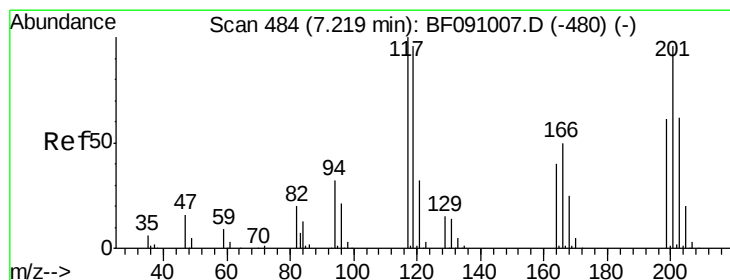
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 36.41 ng

RT: 7.16 min Scan# 479

Delta R.T. -0.01 min

Lab File: BF091129.D

Acq: 9 Nov 2016 17:34

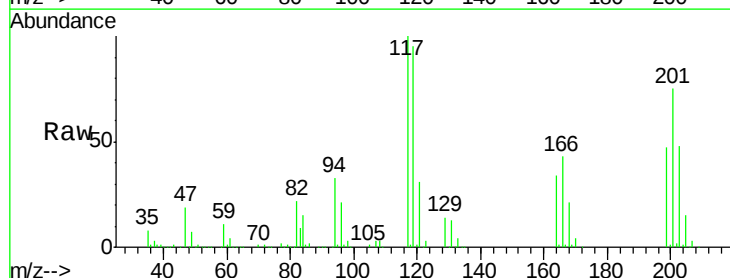
Tgt Ion:117 Resp: 196138

Ion Ratio Lower Upper

117 100

119 94.9 76.6 115.0

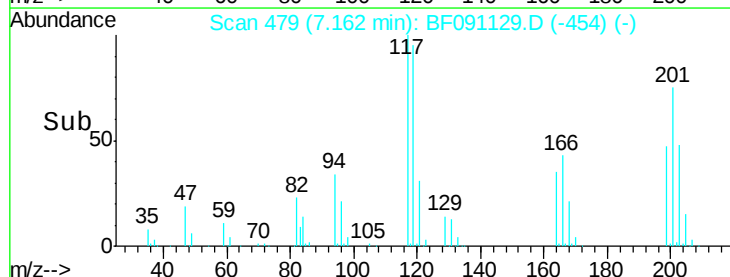
201 75.3 77.1 115.7#



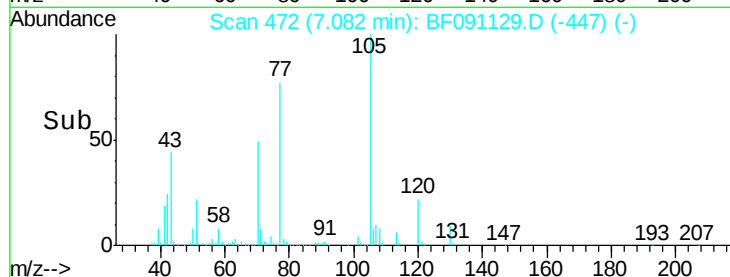
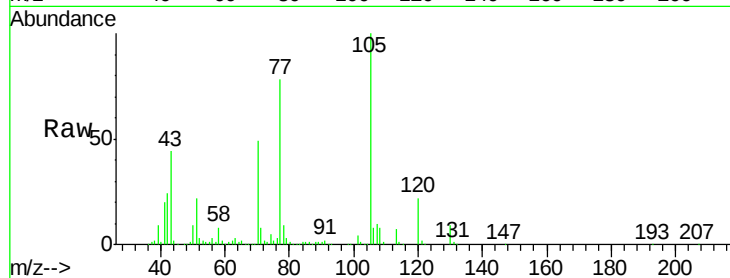
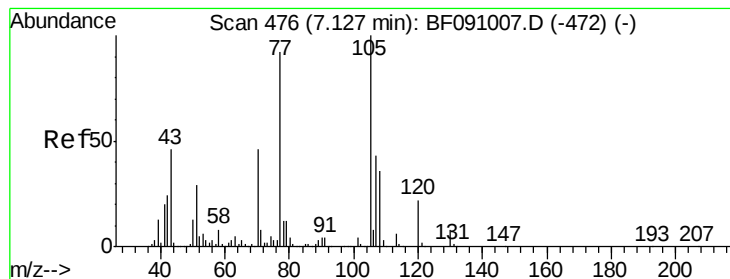
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 37.34 ng

RT: 7.08 min Scan# 472

Delta R.T. -0.01 min

Lab File: BF091129.D

Acq: 9 Nov 2016 17:34

Instrument :

BNA_F

ClientSampleId :

HSR-WC-74-110716MS

Tgt Ion: 70 Resp: 377751

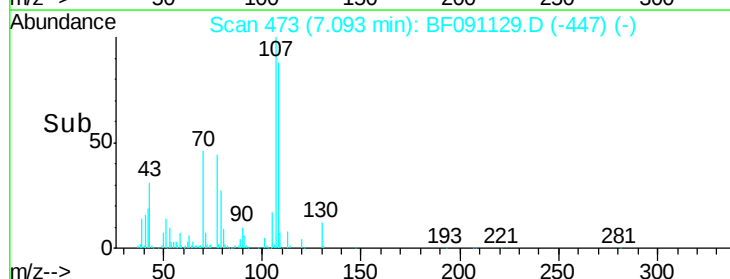
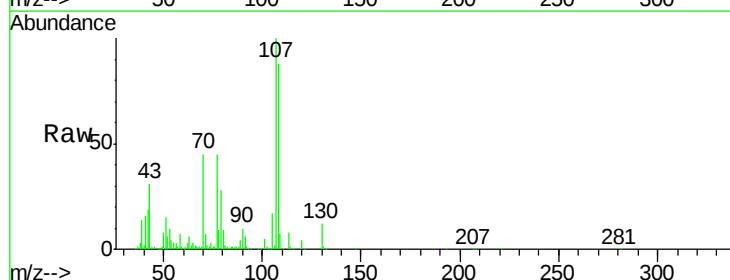
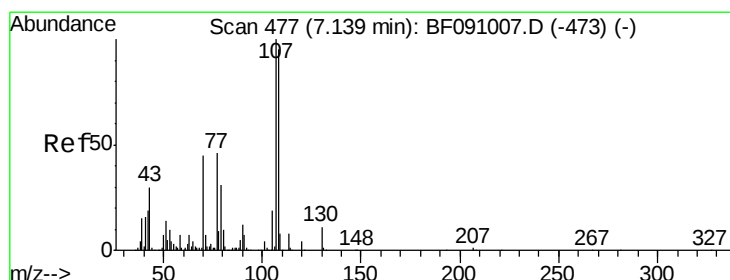
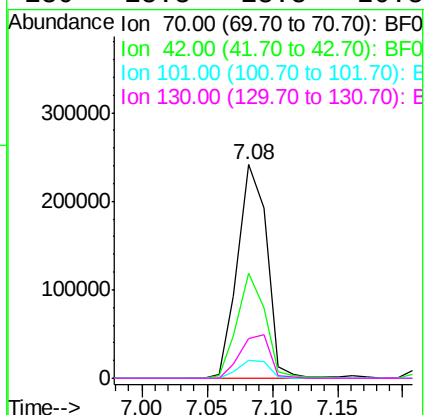
Ion Ratio Lower Upper

70 100

42 49.4 41.7 62.5

101 8.5 6.7 10.1

130 18.3 13.8 20.8



#20

3+4-Methylphenols

Concen: 43.32 ng

RT: 7.09 min Scan# 473

Delta R.T. 0.00 min

Lab File: BF091129.D

Acq: 9 Nov 2016 17:34

Tgt Ion: 107 Resp: 528201

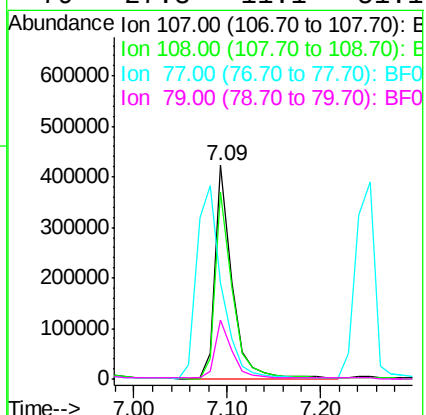
Ion Ratio Lower Upper

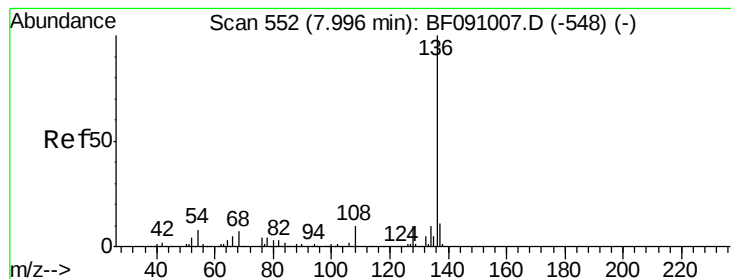
107 100

108 87.8 75.5 115.5

77 45.1 26.4 66.4

79 27.8 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 547

Delta R.T. -0.01 min

Lab File: BF091129.D

Acq: 9 Nov 2016 17:34

Instrument :

BNA_F

ClientSampleId :

HSR-WC-74-110716MS

Tgt Ion:136 Resp: 717113

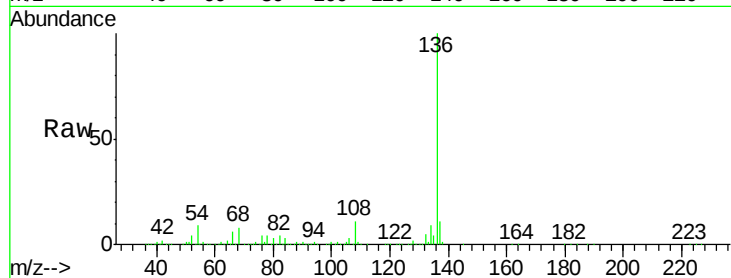
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 8.7 6.2 9.2

68 7.7 5.5 8.3

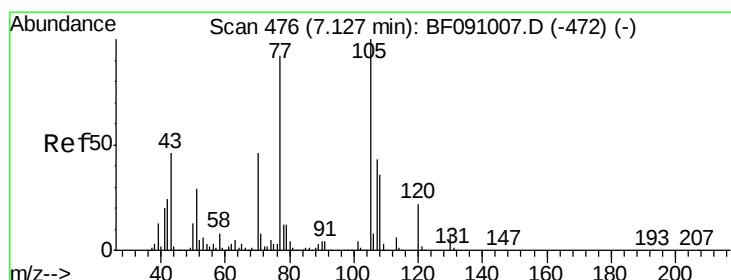
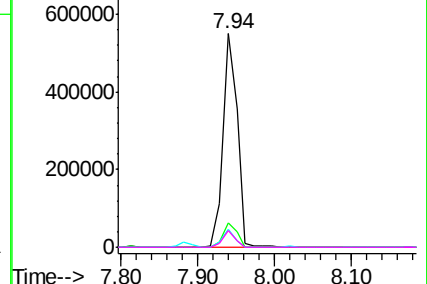
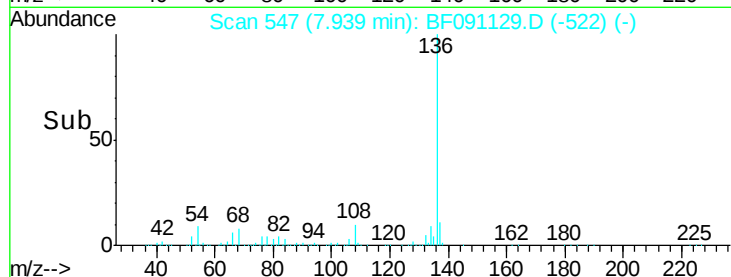


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.38 ng

RT: 7.08 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF091129.D

Acq: 9 Nov 2016 17:34

Tgt Ion:105 Resp: 716239

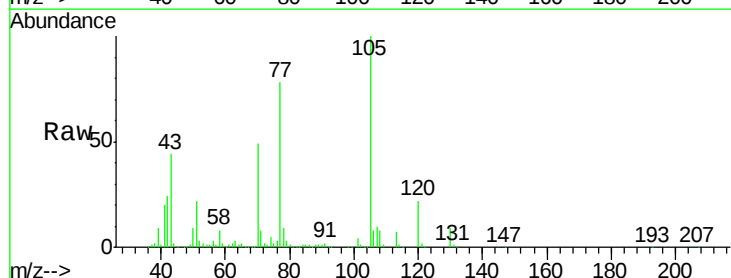
Ion Ratio Lower Upper

105 100

71 8.3 6.2 9.2

51 22.1 23.3 34.9#

120 22.0 17.4 26.0

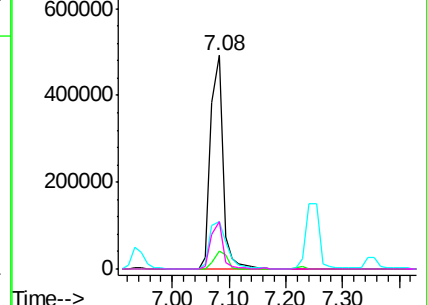
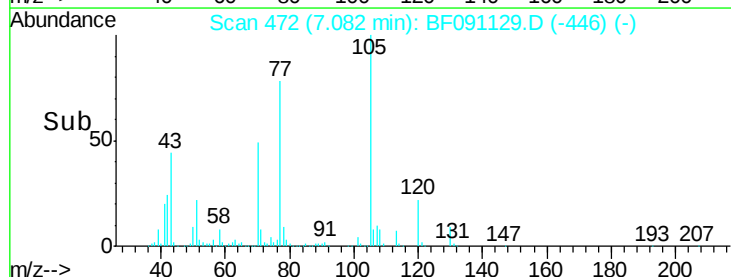


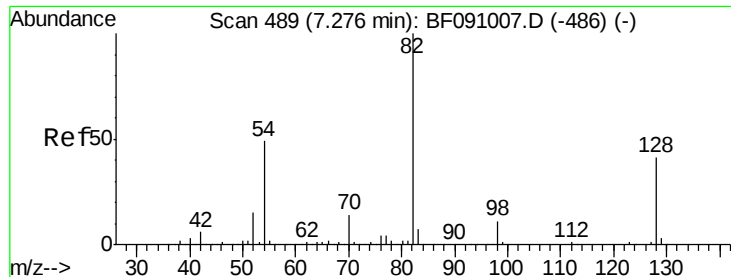
Abundance Ion 105.00 (104.70 to 105.70): E

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

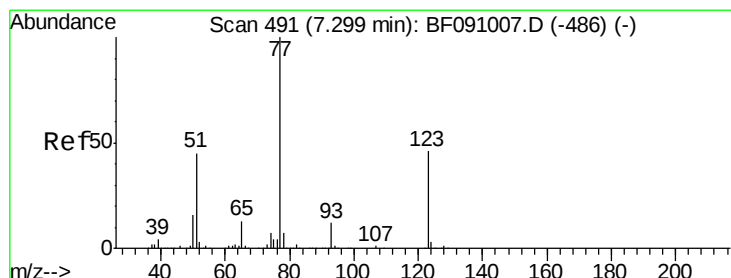
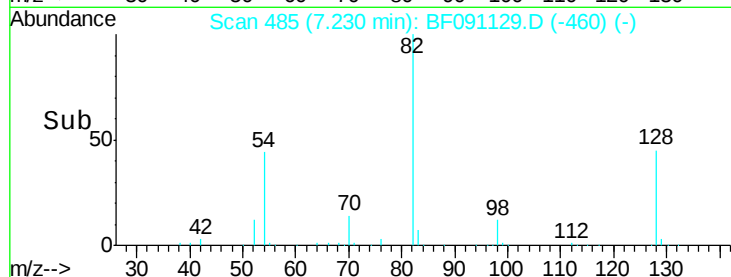
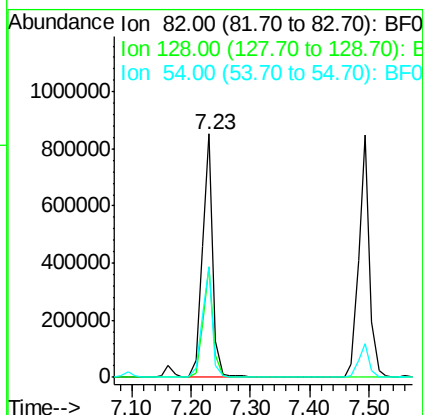
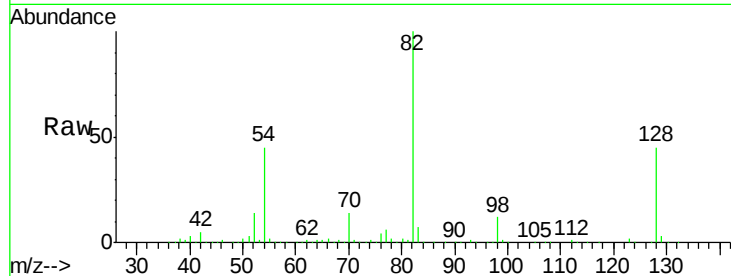




#23
 Nitrobenzene-d5
 Concen: 80.70 ng
 RT: 7.23 min Scan# 485
 Delta R.T. -0.01 min
 Lab File: BF091129.D
 Acq: 9 Nov 2016 17:34

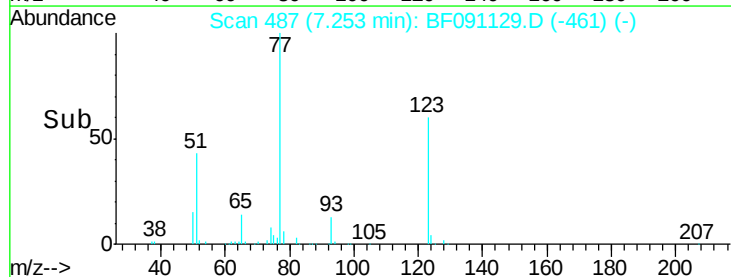
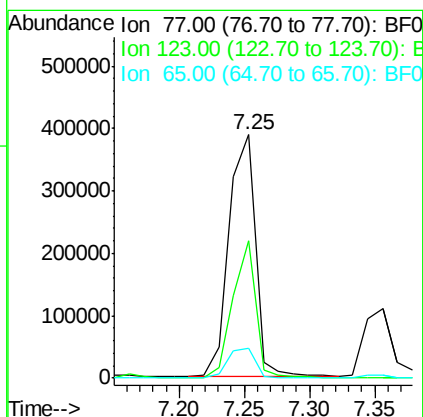
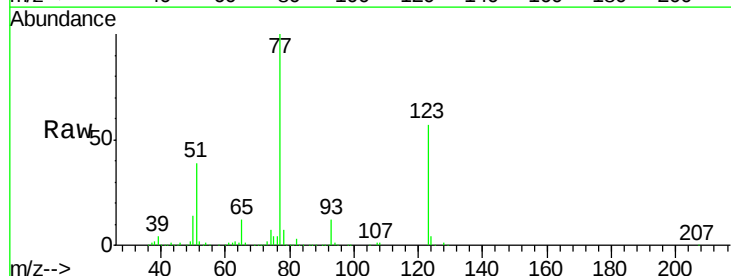
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-74-110716MS

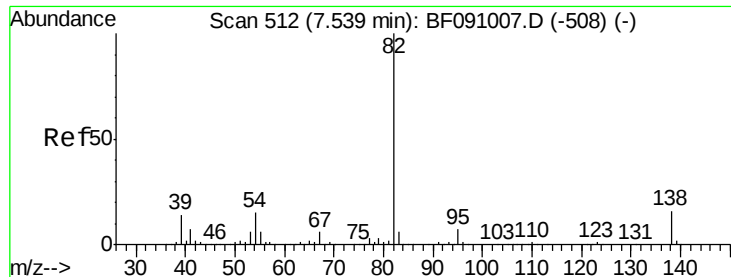
Tgt Ion: 82 Resp: 1060848
 Ion Ratio Lower Upper
 82 100
 128 45.4 32.4 48.6
 54 45.2 39.2 58.8



#24
 Nitrobenzene
 Concen: 37.89 ng
 RT: 7.25 min Scan# 487
 Delta R.T. 0.00 min
 Lab File: BF091129.D
 Acq: 9 Nov 2016 17:34

Tgt Ion: 77 Resp: 550031
 Ion Ratio Lower Upper
 77 100
 123 56.6 36.5 54.7#
 65 12.3 10.7 16.1

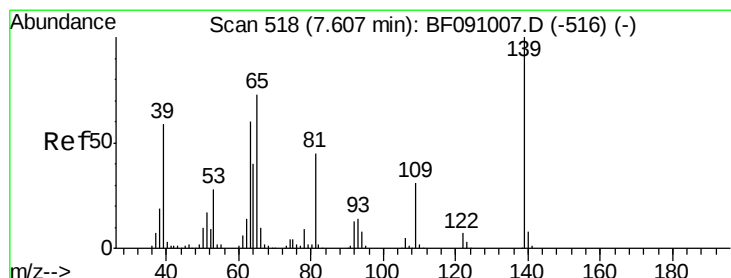
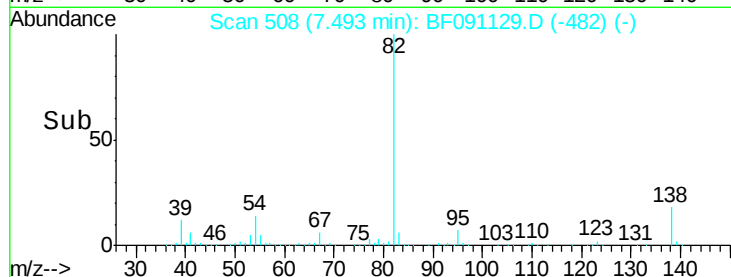
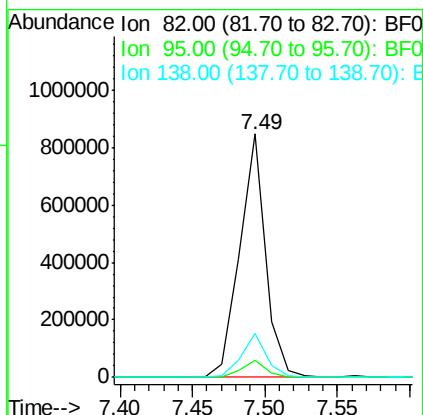
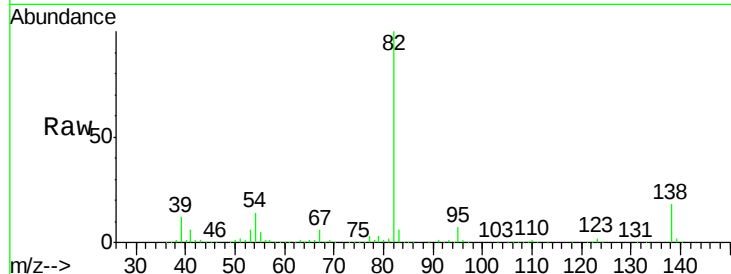




#25
Isophorone
Concen: 41.26 ng
RT: 7.49 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF091129.D
Acq: 9 Nov 2016 17:34

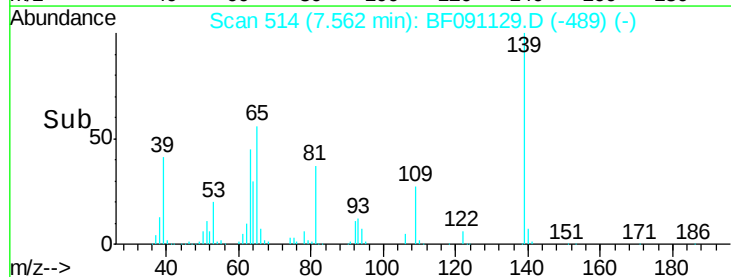
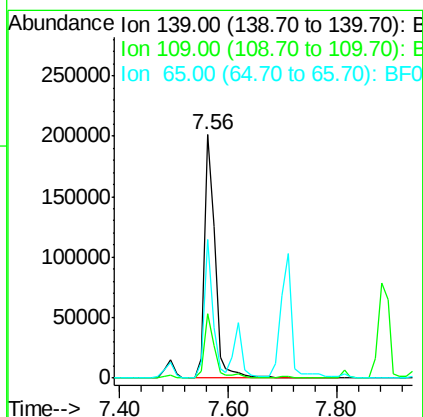
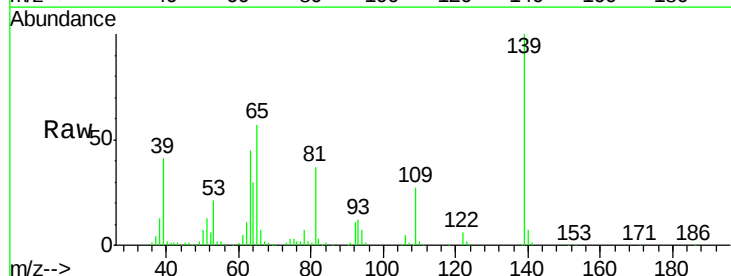
Instrument :
BNA_F
ClientSampleId :
HSR-WC-74-110716MS

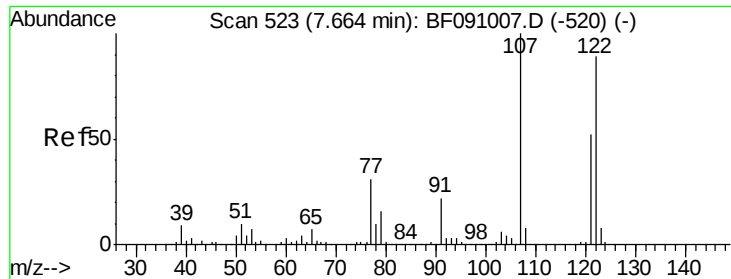
Tgt Ion: 82 Resp: 1045223
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.0
138 18.0 13.0 19.4



#26
2-Nitrophenol
Concen: 43.56 ng
RT: 7.56 min Scan# 514
Delta R.T. -0.01 min
Lab File: BF091129.D
Acq: 9 Nov 2016 17:34

Tgt Ion: 139 Resp: 267660
Ion Ratio Lower Upper
139 100
109 26.7 24.7 37.1
65 57.2 58.3 87.5#

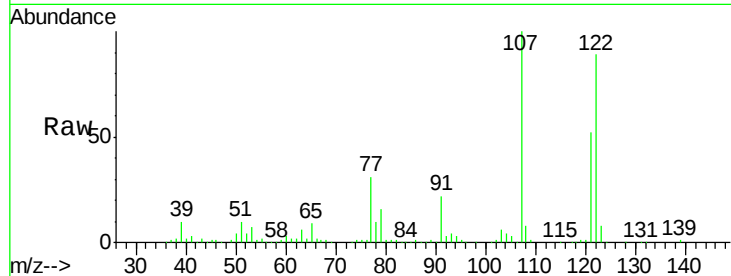




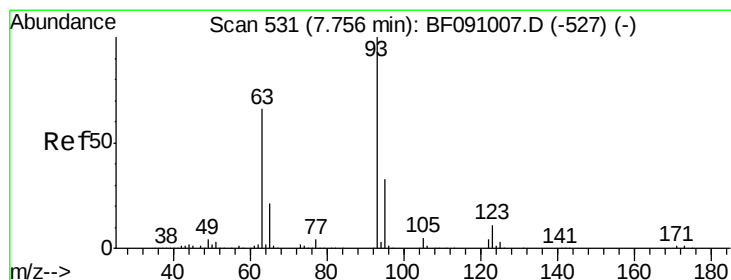
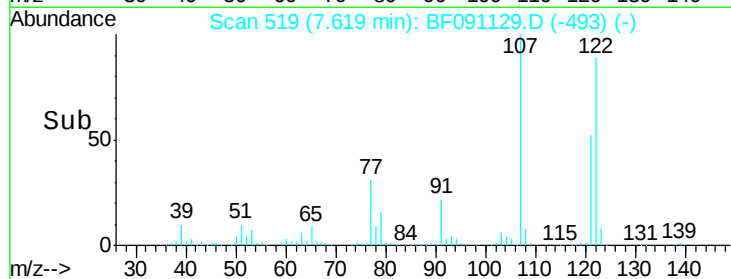
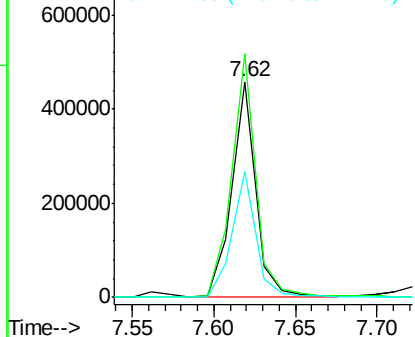
#27
2,4-Dimethylphenol
Concen: 45.38 ng
RT: 7.62 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF091129.D
Acq: 9 Nov 2016 17:34

Instrument :
BNA_F
ClientSampleId :
HSR-WC-74-110716MS

Tgt Ion:122 Resp: 461128
Ion Ratio Lower Upper
122 100
107 112.9 89.6 134.4
121 58.4 46.3 69.5

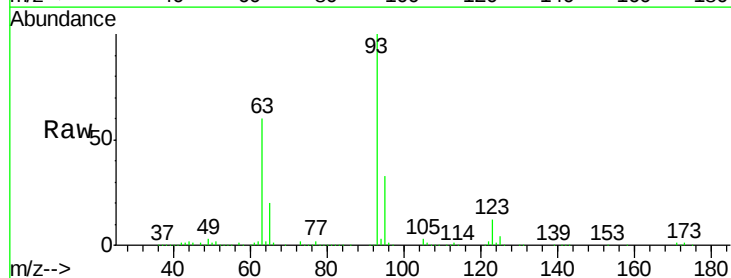


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

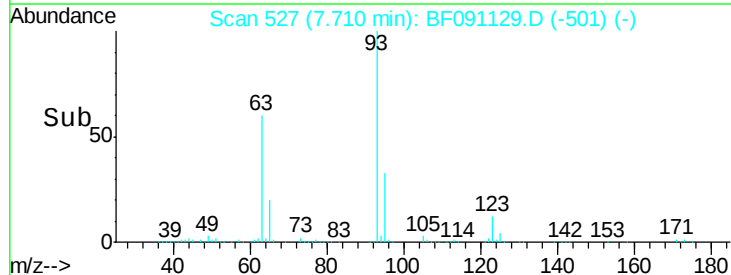
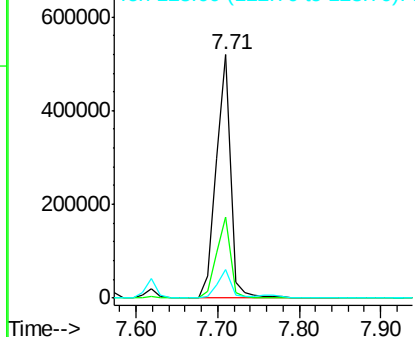


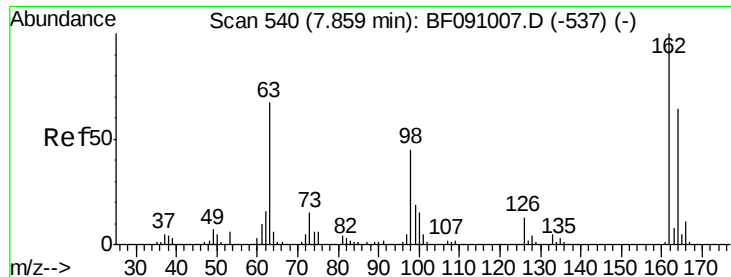
#28
bis(2-Chloroethoxy)methane
Concen: 45.89 ng
RT: 7.71 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF091129.D
Acq: 9 Nov 2016 17:34

Tgt Ion: 93 Resp: 635078
Ion Ratio Lower Upper
93 100
95 33.2 26.3 39.5
123 11.8 8.7 13.1



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

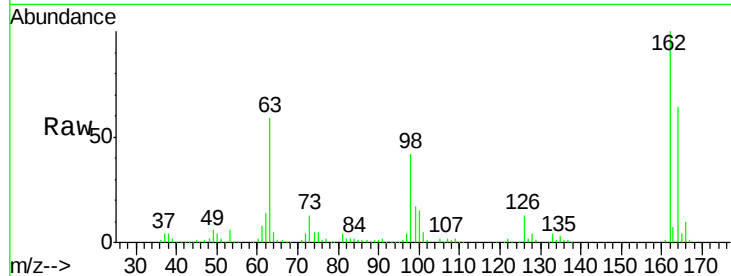




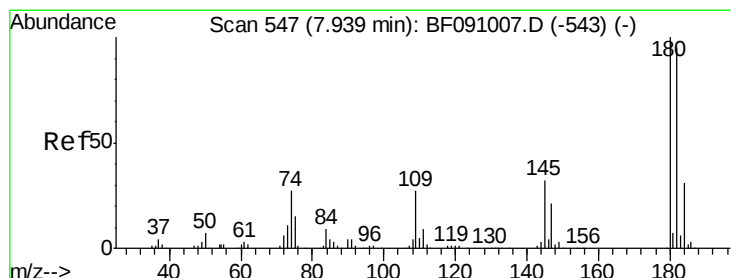
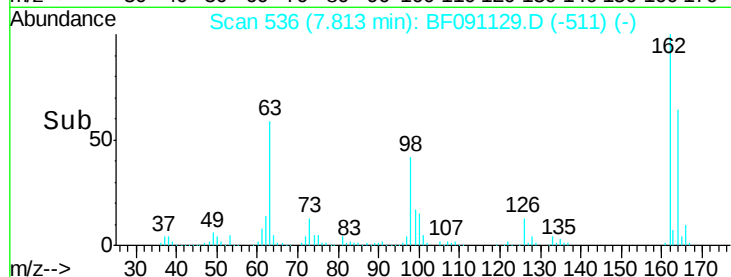
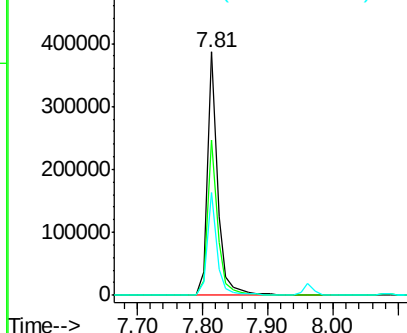
#29
2,4-Dichlorophenol
Concen: 47.82 ng
RT: 7.81 min Scan# 536
Delta R.T. -0.01 min
Lab File: BF091129.D
Acq: 9 Nov 2016 17:34

Instrument :
BNA_F
ClientSampleId :
HSR-WC-74-110716MS

Tgt Ion:162 Resp: 424053
Ion Ratio Lower Upper
162 100
164 63.8 44.4 84.4
98 42.5 25.2 65.2

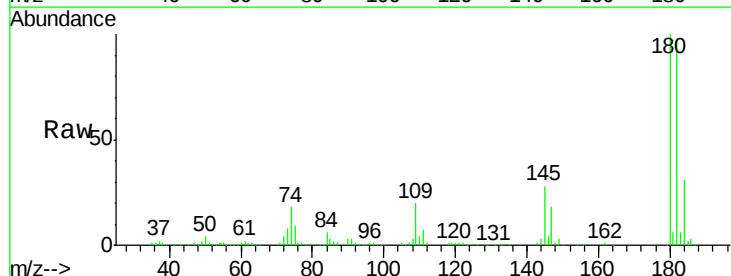


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

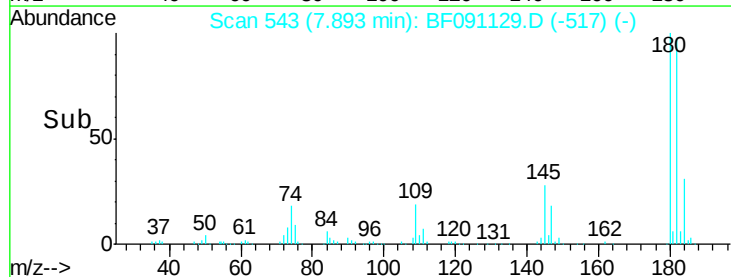
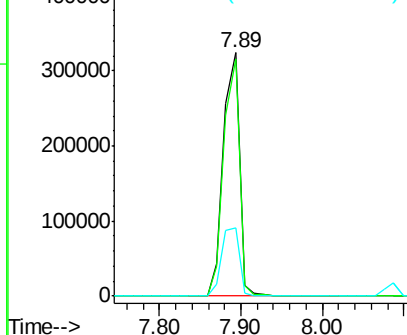


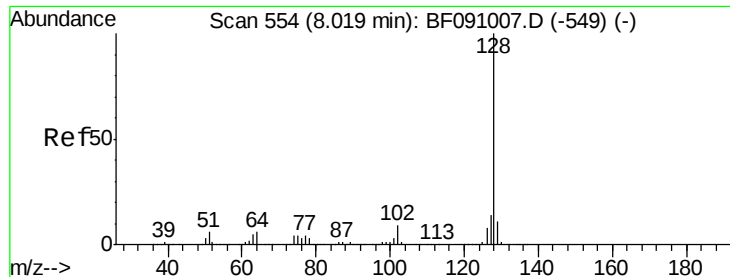
#30
1,2,4-Trichlorobenzene
Concen: 44.49 ng
RT: 7.89 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF091129.D
Acq: 9 Nov 2016 17:34

Tgt Ion:180 Resp: 443603
Ion Ratio Lower Upper
180 100
182 97.2 76.0 114.0
145 28.3 25.8 38.8



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

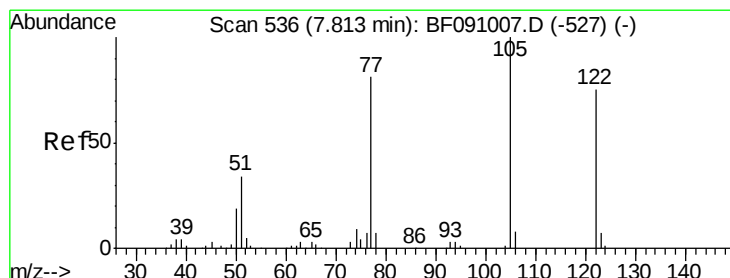
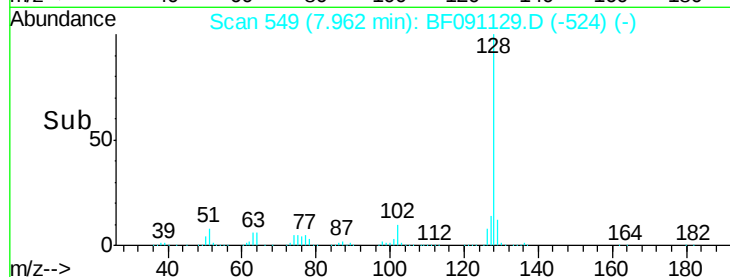
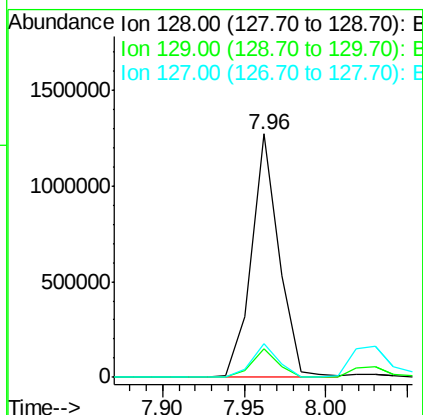
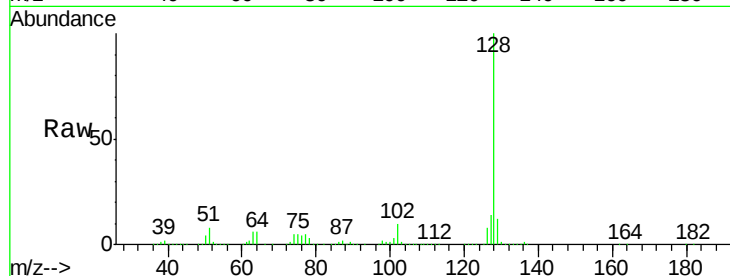




#31
Naphthalene
Concen: 43.57 ng
RT: 7.96 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF091129.D
Acq: 9 Nov 2016 17:34

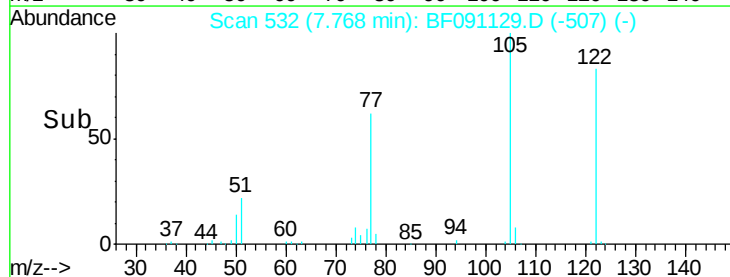
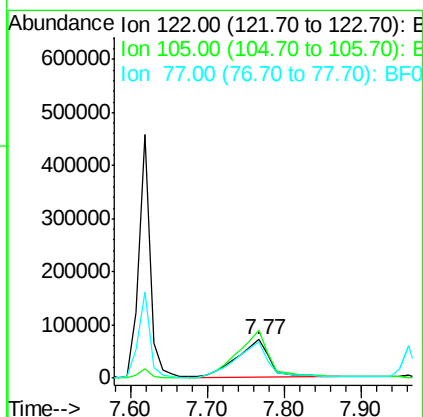
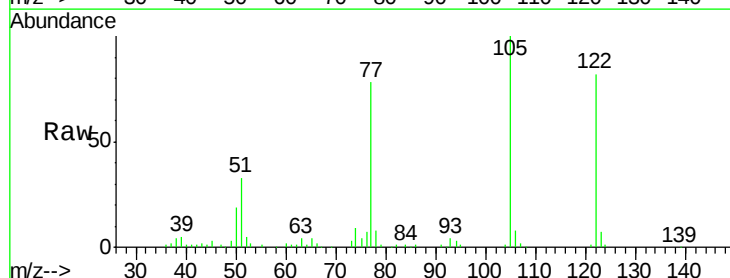
Instrument :
BNA_F
ClientSampleId :
HSR-WC-74-110716MS

Tgt Ion:128 Resp: 1494343
Ion Ratio Lower Upper
128 100
129 11.8 9.0 13.6
127 13.7 10.9 16.3



#32
Benzoic acid
Concen: 29.15 ng
RT: 7.77 min Scan# 532
Delta R.T. -0.01 min
Lab File: BF091129.D
Acq: 9 Nov 2016 17:34

Tgt Ion:122 Resp: 213420
Ion Ratio Lower Upper
122 100
105 121.9 105.9 145.9
77 94.9 84.0 124.0

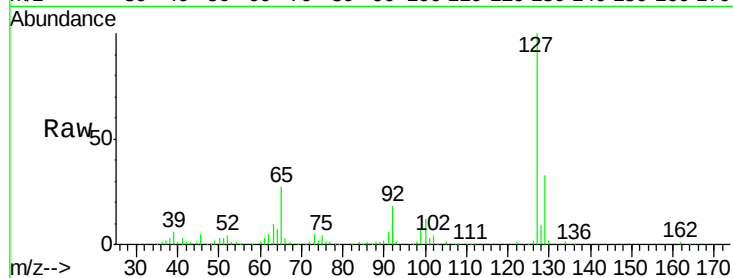




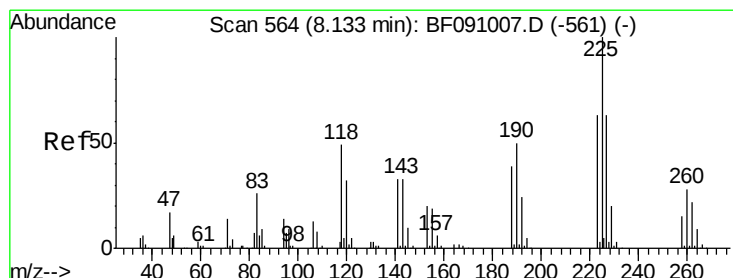
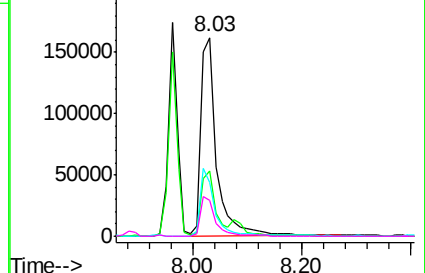
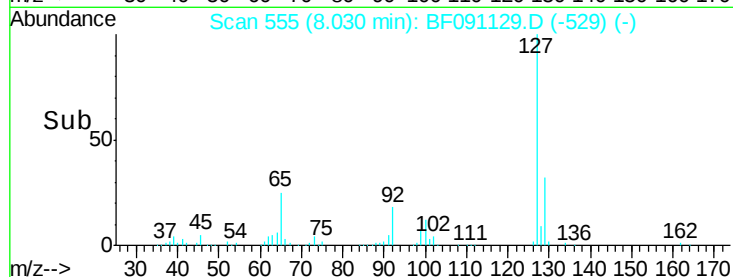
#33
4-Chloroaniline
Concen: 22.47 ng
RT: 8.03 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF091129.D
Acq: 9 Nov 2016 17:34

Instrument :
BNA_F
ClientSampleId :
HSR-WC-74-110716MS

Tgt Ion:	127	Resp:	320500
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.6	39.8
65	27.3	22.2	33.2
92	18.0	15.0	22.4

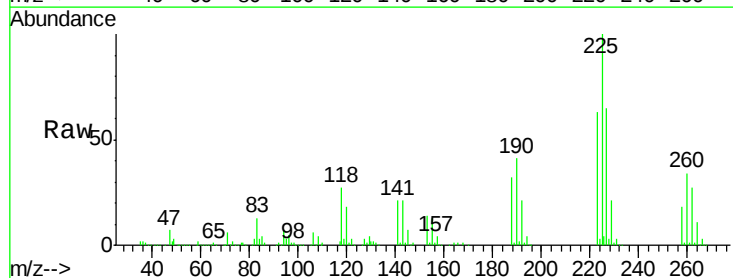


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

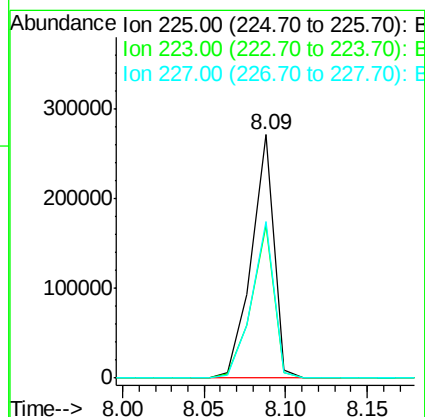
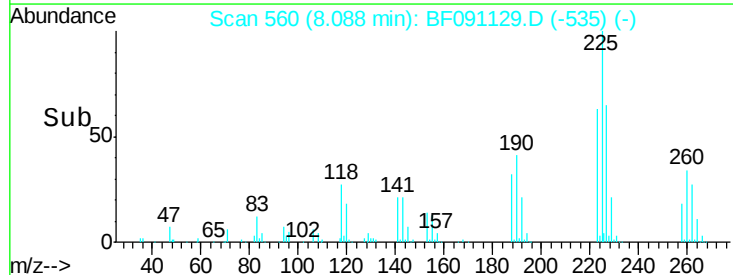


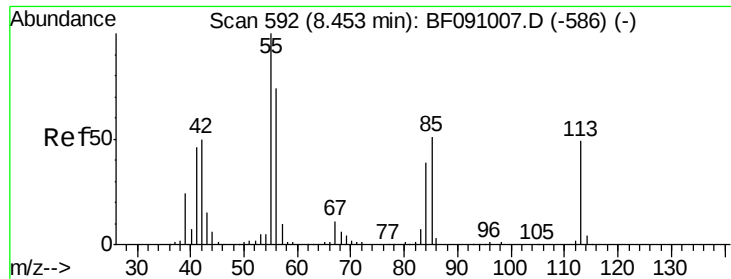
#34
Hexachlorobutadiene
Concen: 48.46 ng
RT: 8.09 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF091129.D
Acq: 9 Nov 2016 17:34

Tgt Ion:	225	Resp:	260819
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.4	75.6
227	64.6	50.1	75.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

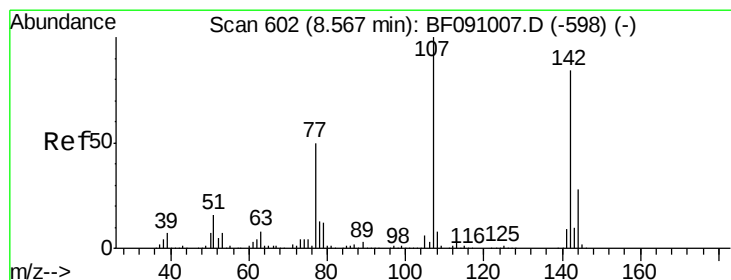
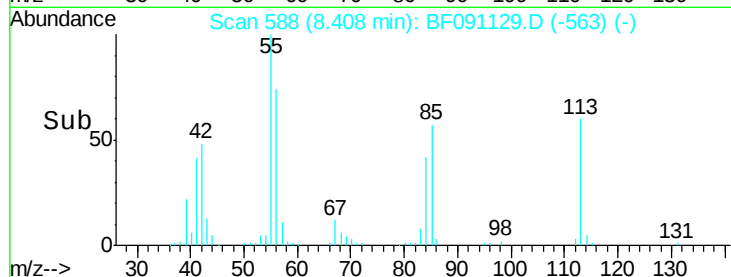
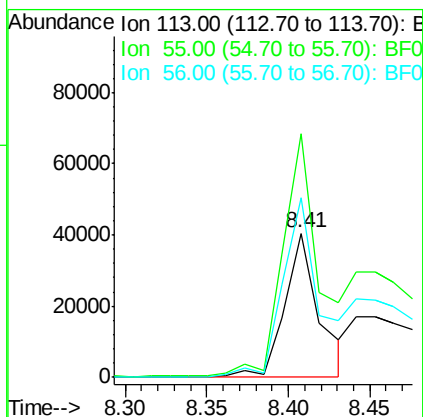
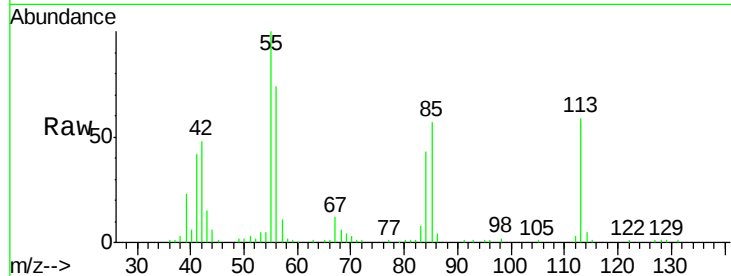




#35
 Caprolactam
 Concen: 21.29 ng
 RT: 8.41 min Scan# 588
 Delta R.T. -0.01 min
 Lab File: BF091129.D
 Acq: 9 Nov 2016 17:34

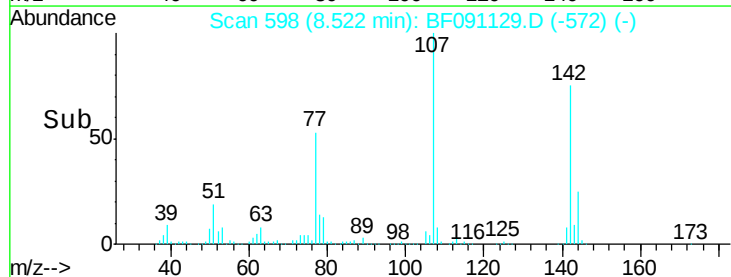
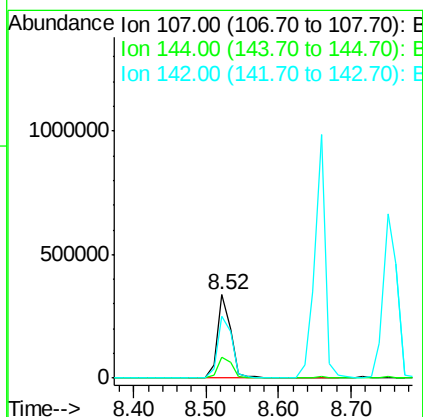
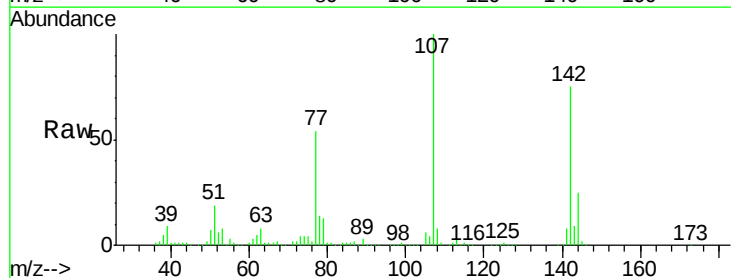
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-74-110716MS

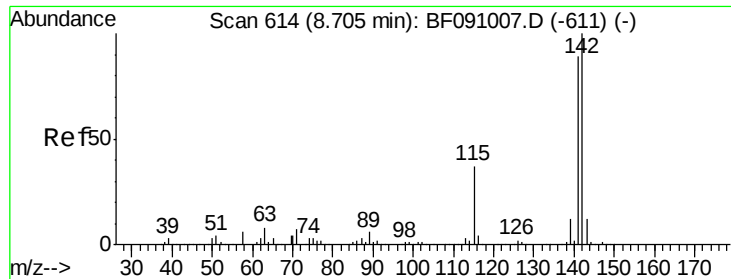
Tgt Ion:113 Resp: 59302
 Ion Ratio Lower Upper
 113 100
 55 168.8 184.1 224.1#
 56 124.9 132.0 172.0#



#36
 4-Chloro-3-methylphenol
 Concen: 41.19 ng
 RT: 8.52 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF091129.D
 Acq: 9 Nov 2016 17:34

Tgt Ion:107 Resp: 442186
 Ion Ratio Lower Upper
 107 100
 144 24.7 22.5 33.7
 142 75.0 67.4 101.2

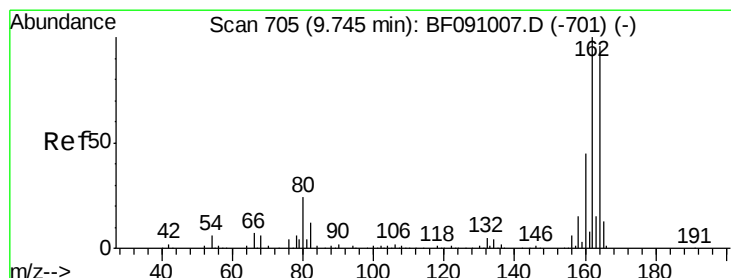
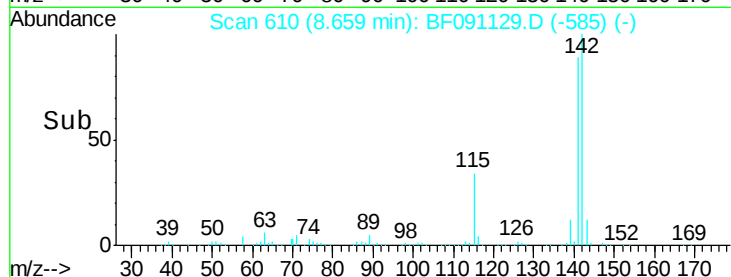
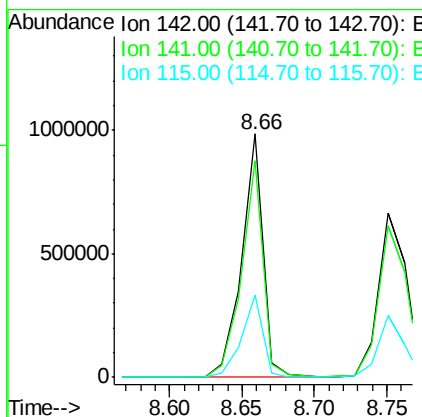
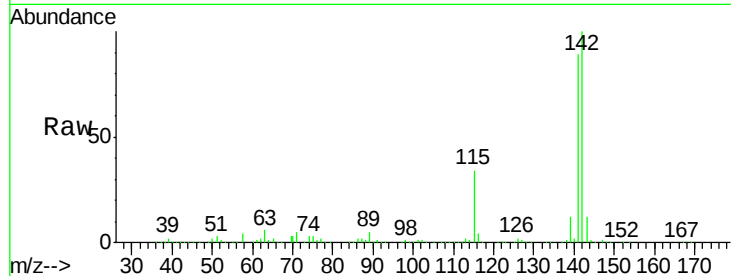




#37
2-Methylnaphthalene
Concen: 45.71 ng
RT: 8.66 min Scan# 610
Delta R.T. -0.01 min
Lab File: BF091129.D
Acq: 9 Nov 2016 17:34

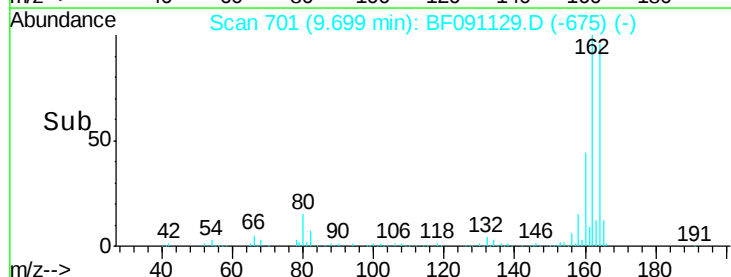
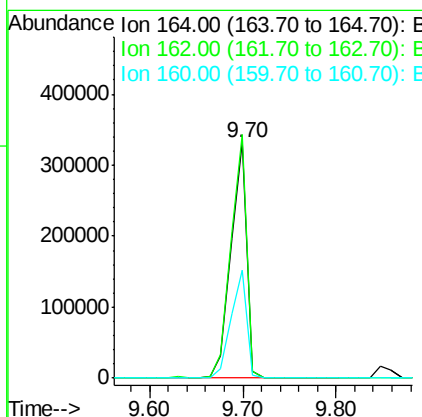
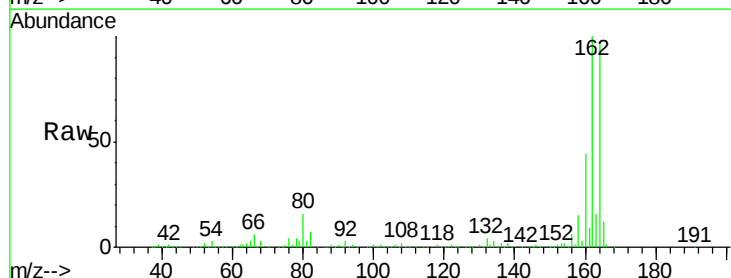
Instrument :
BNA_F
ClientSampleId :
HSR-WC-74-110716MS

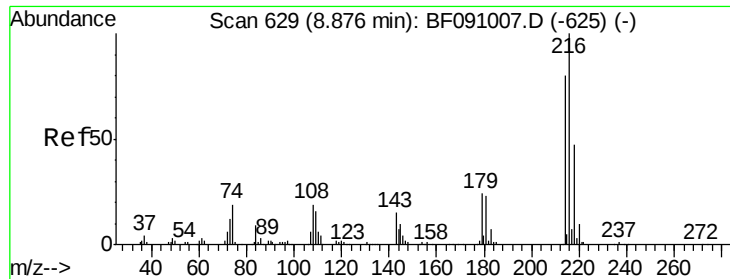
Tgt Ion:142 Resp: 1007805
Ion Ratio Lower Upper
142 100
141 89.2 71.3 106.9
115 33.8 29.9 44.9



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF091129.D
Acq: 9 Nov 2016 17:34

Tgt Ion:164 Resp: 394364
Ion Ratio Lower Upper
164 100
162 103.3 83.6 125.4
160 45.9 37.9 56.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.11 ng

RT: 8.83 min Scan# 625

Delta R.T. 0.00 min

Lab File: BF091129.D

Acq: 9 Nov 2016 17:34

Instrument :

BNA_F

ClientSampleId :

HSR-WC-74-110716MS

Tgt Ion:216 Resp: 443515

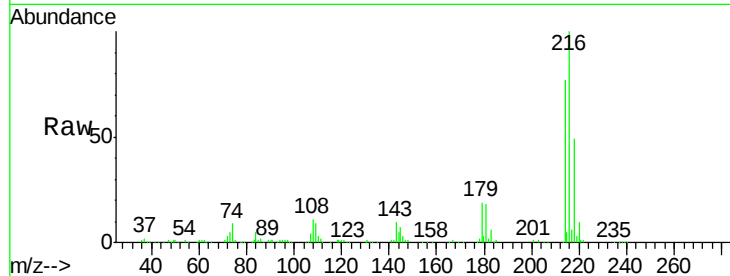
Ion Ratio Lower Upper

216 100

214 78.2 63.5 95.3

179 21.6 19.1 28.7

108 20.3 17.5 26.3

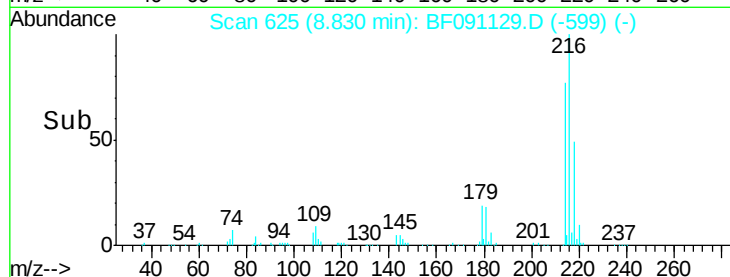


Abundance Ion 216.00 (215.70 to 216.70): E

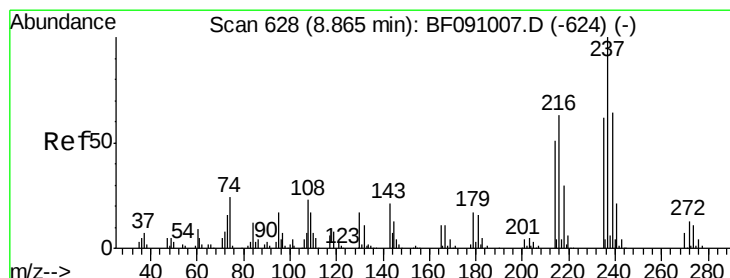
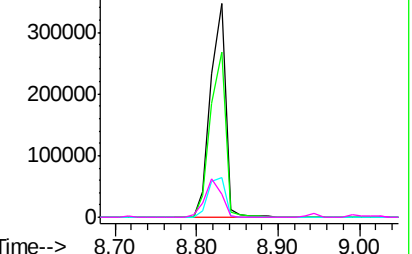
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 88.48 ng

RT: 8.81 min Scan# 623

Delta R.T. -0.01 min

Lab File: BF091129.D

Acq: 9 Nov 2016 17:34

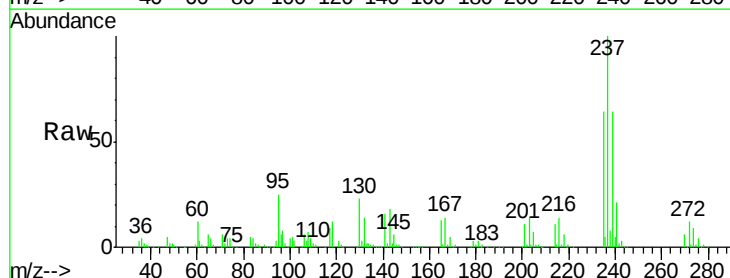
Tgt Ion:237 Resp: 348153

Ion Ratio Lower Upper

237 100

235 64.4 42.1 82.1

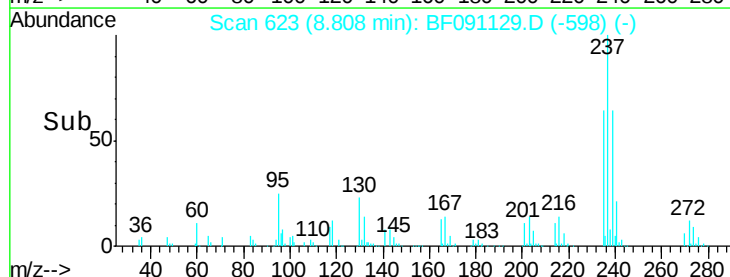
272 11.9 0.0 33.1



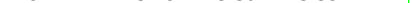
Abundance Ion 236.80 (236.50 to 237.50): E

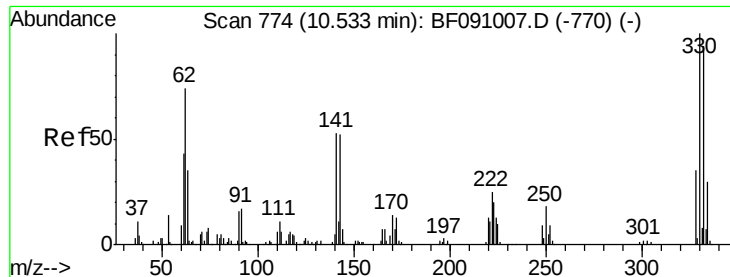
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

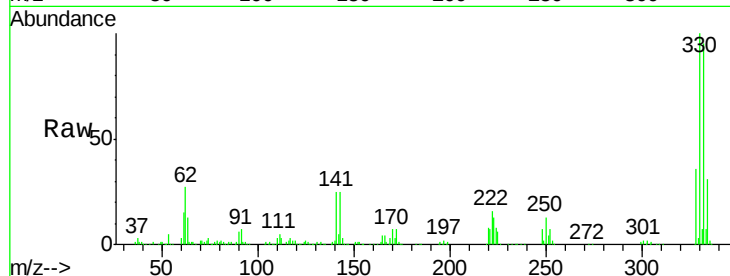




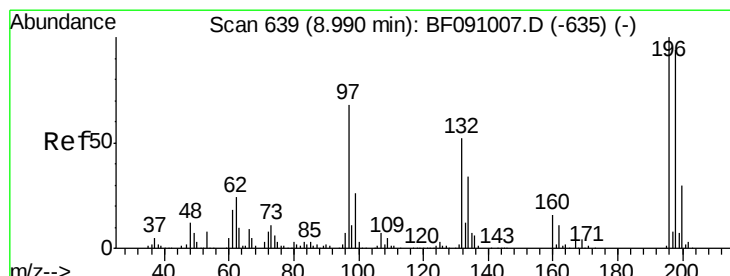
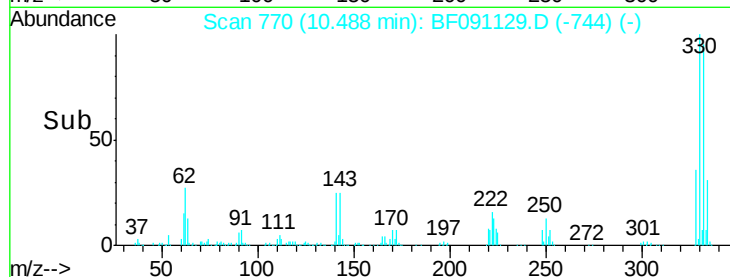
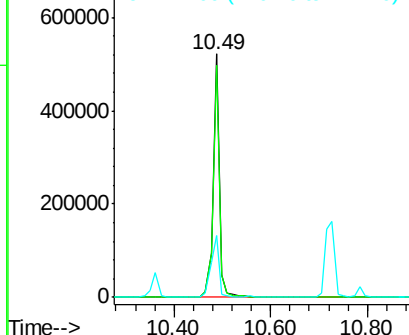
#41
 2,4,6-Tribromophenol
 Concen: 137.08 ng
 RT: 10.49 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BF091129.D
 Acq: 9 Nov 2016 17:34

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-74-110716MS

Tgt Ion:330 Resp: 488722
 Ion Ratio Lower Upper
 330 100
 332 96.0 75.9 113.9
 141 31.9 36.1 54.1#

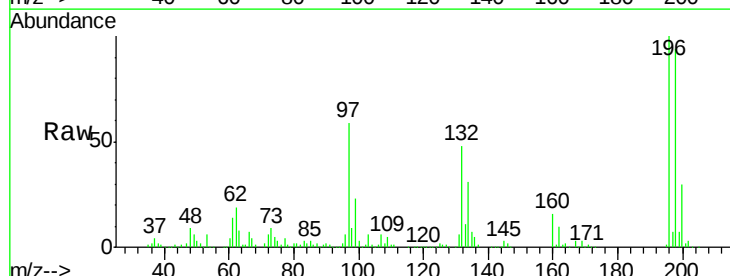


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

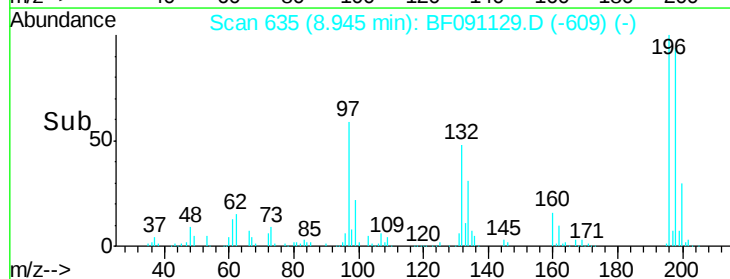
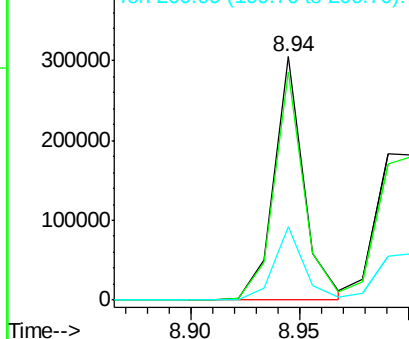


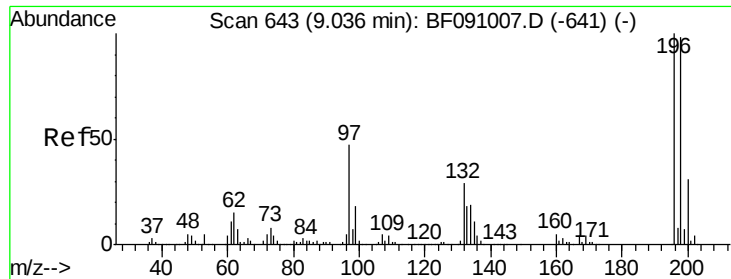
#42
 2,4,6-Trichlorophenol
 Concen: 45.27 ng
 RT: 8.94 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: BF091129.D
 Acq: 9 Nov 2016 17:34

Tgt Ion:196 Resp: 293850
 Ion Ratio Lower Upper
 196 100
 198 93.8 75.4 113.0
 200 30.1 24.1 36.1



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

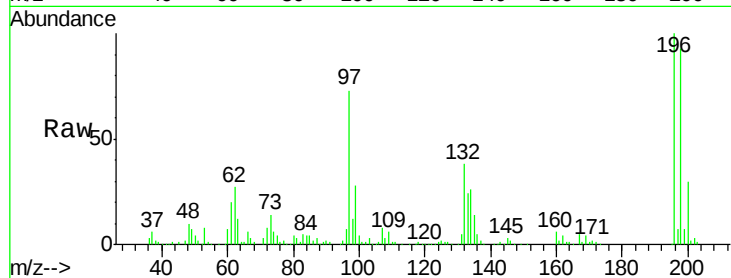




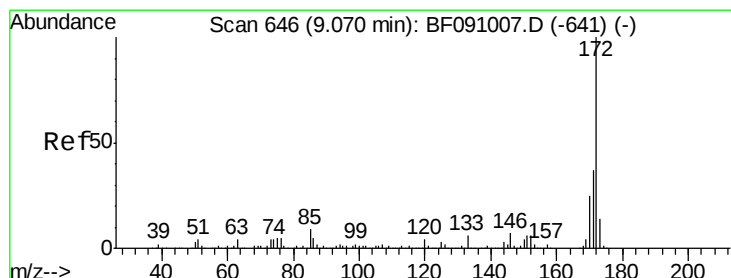
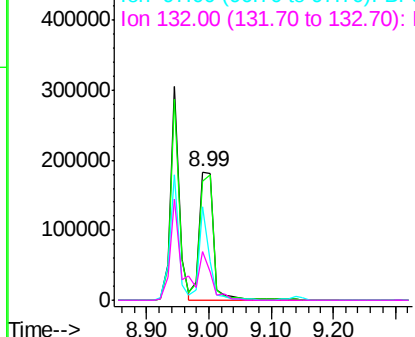
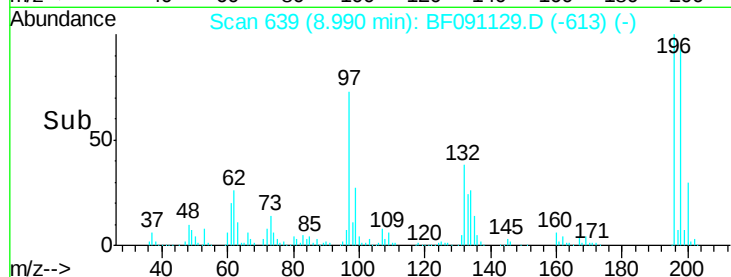
#43
 2,4,5-Trichlorophenol
 Concen: 43.10 ng
 RT: 8.99 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF091129.D
 Acq: 9 Nov 2016 17:34

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-74-110716MS

Tgt Ion:196 Resp: 293713
 Ion Ratio Lower Upper
 196 100
 198 93.1 78.2 117.4
 97 72.6 38.8 58.2#
 132 37.9 23.5 35.3#

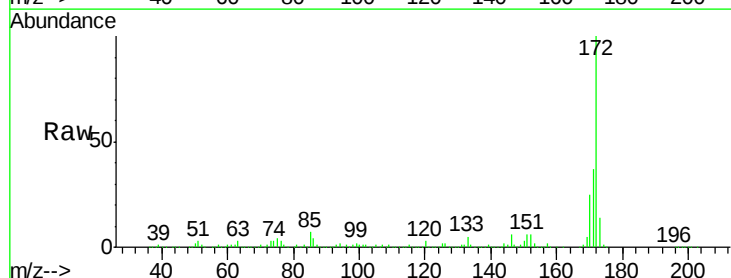


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

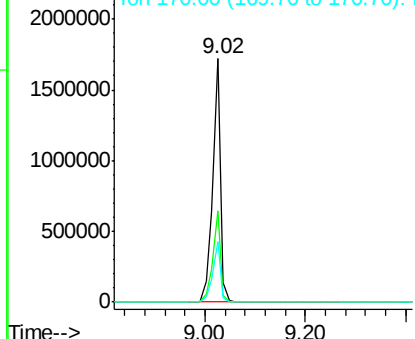
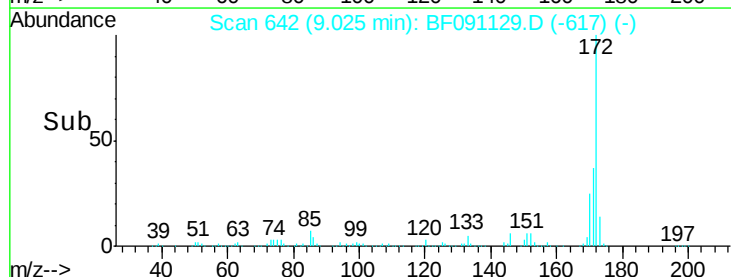


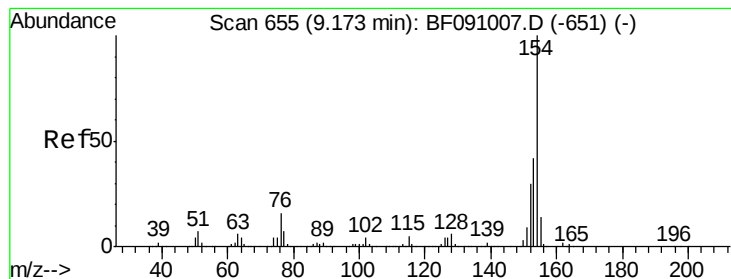
#44
 2-Fluorobiphenyl
 Concen: 80.22 ng
 RT: 9.02 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF091129.D
 Acq: 9 Nov 2016 17:34

Tgt Ion:172 Resp: 1837606
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.8 44.6
 170 25.1 20.3 30.5



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

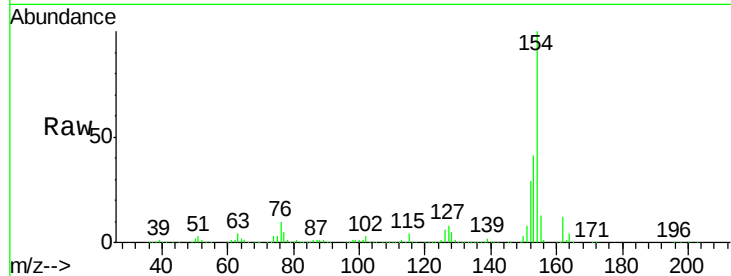




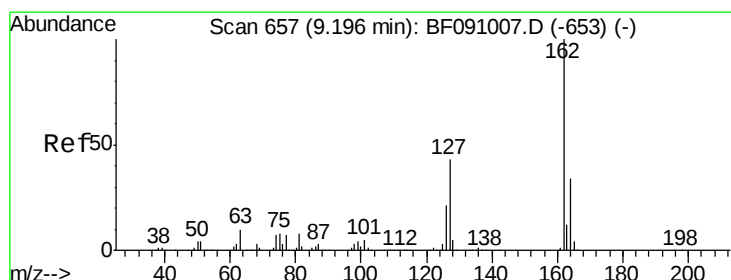
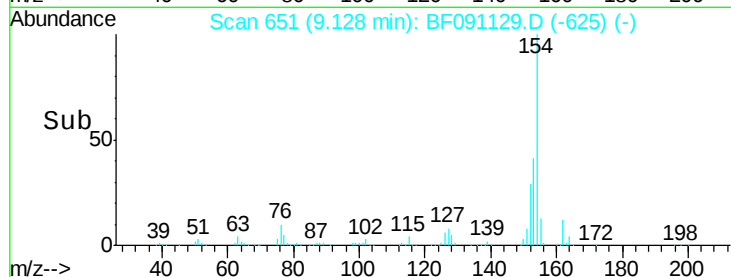
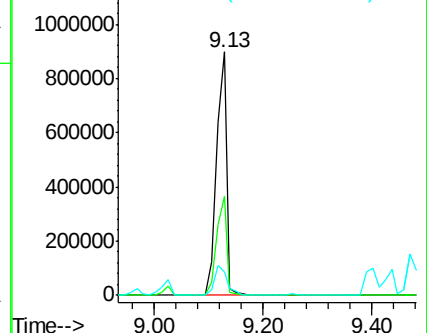
#45
 1,1'-Biphenyl
 Concen: 41.01 ng
 RT: 9.13 min Scan# 651
 Delta R.T. 0.00 min
 Lab File: BF091129.D
 Acq: 9 Nov 2016 17:34

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-74-110716MS

Tgt Ion:154 Resp: 1181051
 Ion Ratio Lower Upper
 154 100
 153 40.8 21.6 61.6
 76 9.5 0.0 36.2

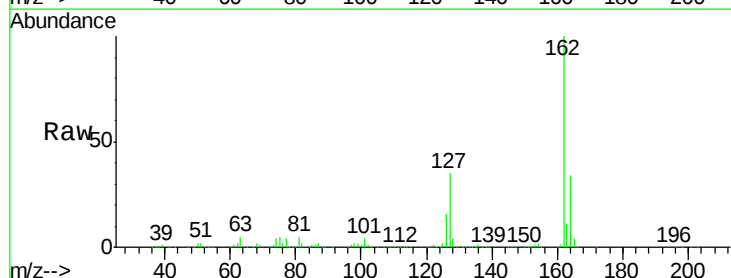


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

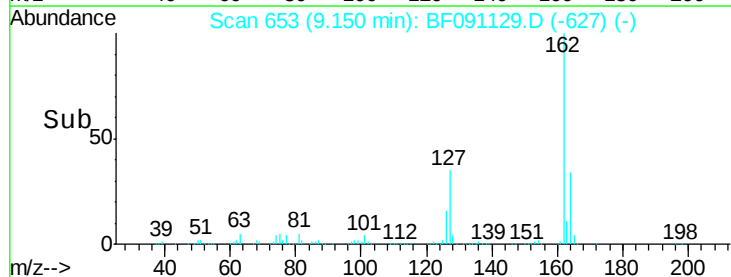
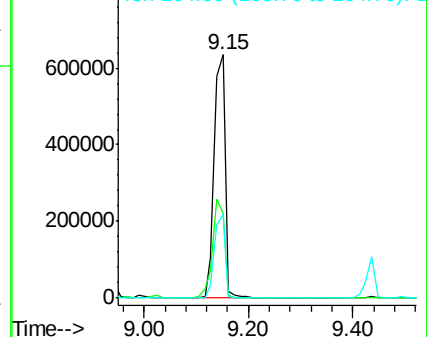


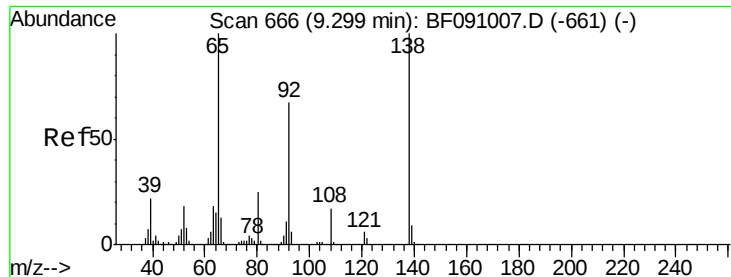
#46
 2-Chloronaphthalene
 Concen: 42.83 ng
 RT: 9.15 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF091129.D
 Acq: 9 Nov 2016 17:34

Tgt Ion:162 Resp: 936397
 Ion Ratio Lower Upper
 162 100
 127 35.1 34.7 52.1
 164 34.3 27.0 40.4



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: 38.00 ng

RT: 9.25 min Scan# 662

Delta R.T. 0.00 min

Lab File: BF091129.D

Acq: 9 Nov 2016 17:34

Instrument :

BNA_F

ClientSampleId :

HSR-WC-74-110716MS

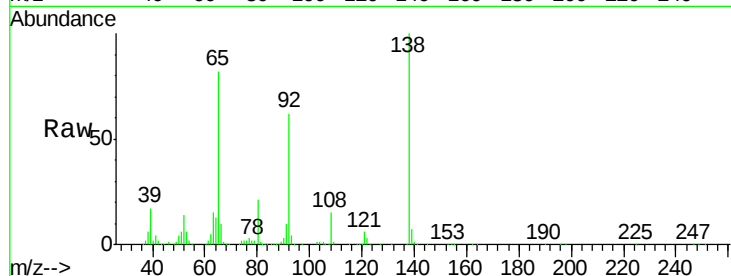
Tgt Ion: 65 Resp: 308317

Ion Ratio Lower Upper

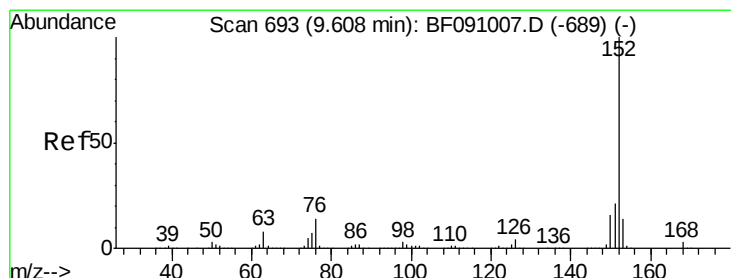
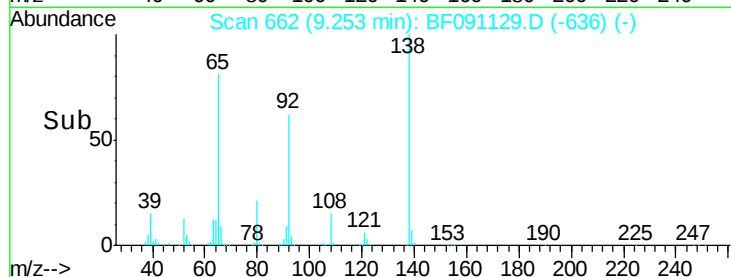
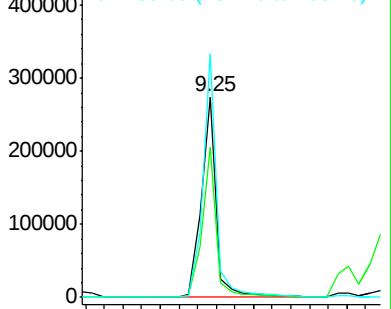
65 100

92 74.9 53.9 80.9

138 121.6 80.1 120.1#



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



#48

Acenaphthylene

Concen: 41.74 ng

RT: 9.56 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF091129.D

Acq: 9 Nov 2016 17:34

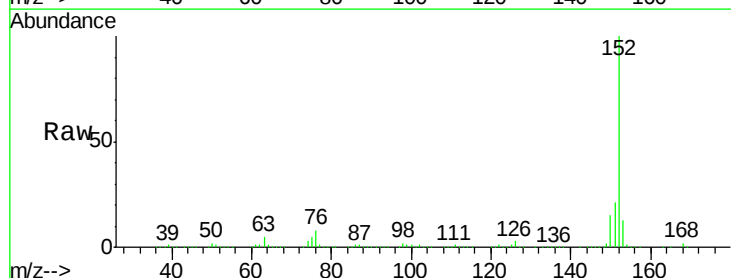
Tgt Ion: 152 Resp: 1422112

Ion Ratio Lower Upper

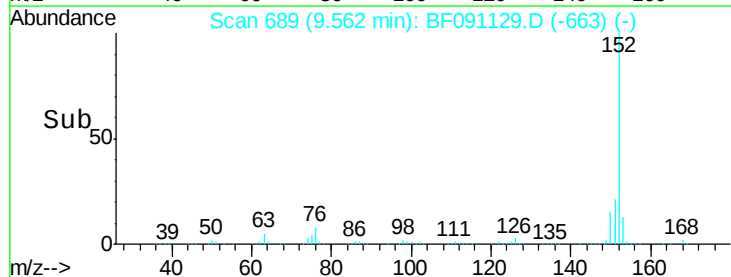
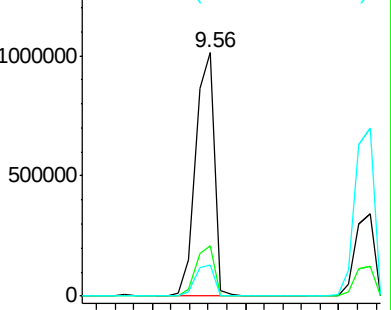
152 100

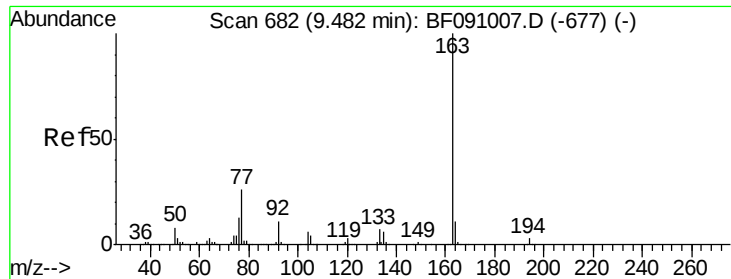
151 20.5 16.7 25.1

153 13.0 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

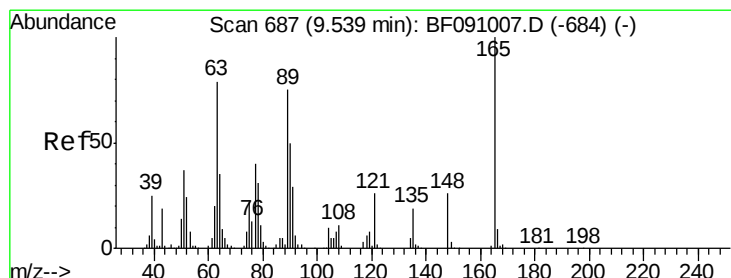
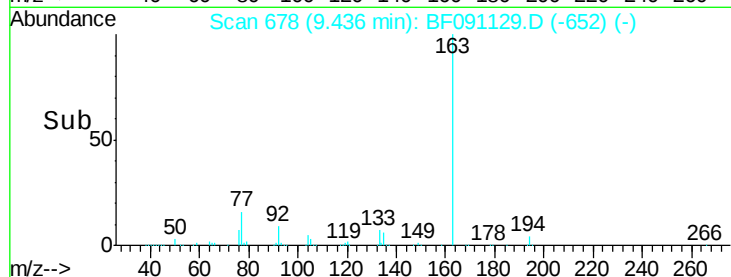
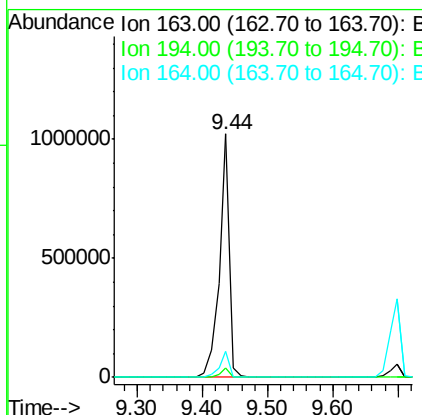
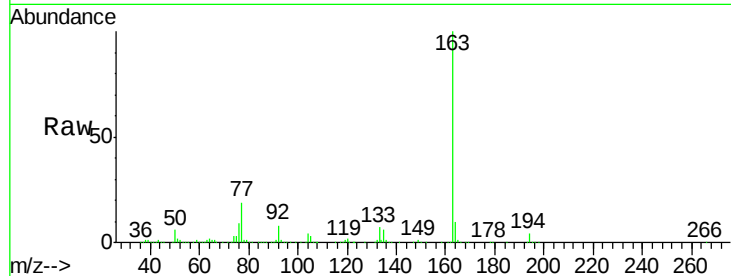




#49
Dimethylphthalate
Concen: 42.70 ng
RT: 9.44 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF091129.D
Acq: 9 Nov 2016 17:34

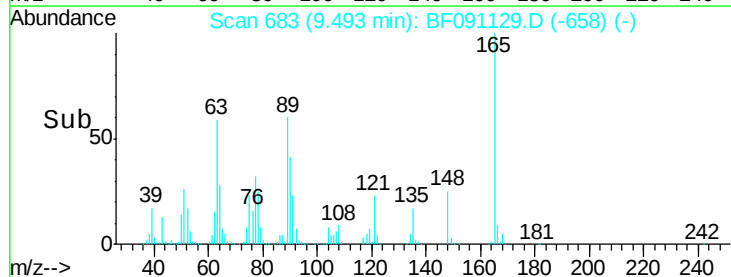
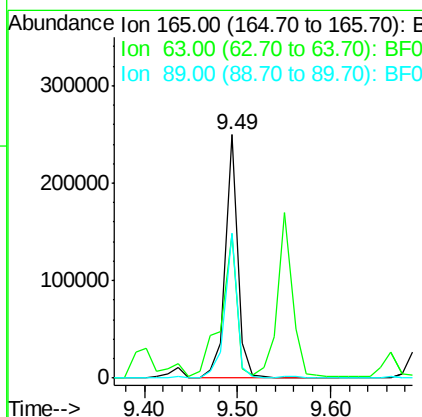
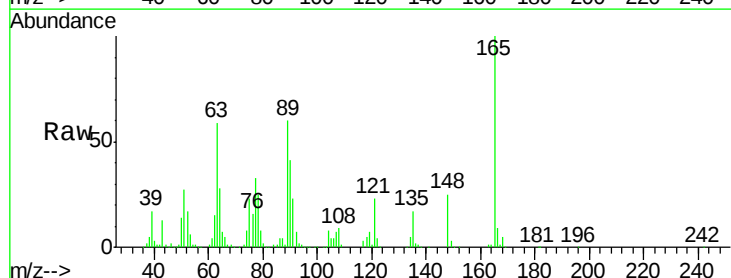
Instrument :
BNA_F
ClientSampleId :
HSR-WC-74-110716MS

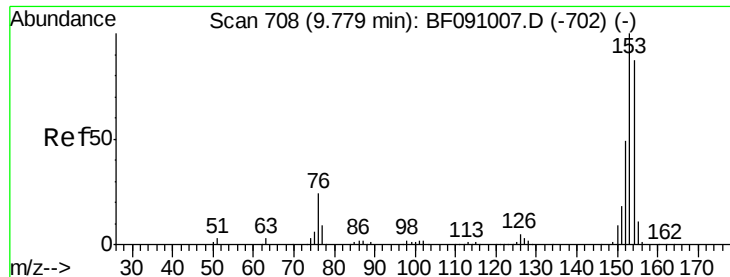
Tgt Ion:163 Resp: 1104207
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 10.5 8.7 13.1



#50
2,6-Dinitrotoluene
Concen: 41.74 ng
RT: 9.49 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF091129.D
Acq: 9 Nov 2016 17:34

Tgt Ion:165 Resp: 231338
Ion Ratio Lower Upper
165 100
63 59.3 65.6 98.4#
89 59.7 59.8 89.6#





#51

Acenaphthene

Concen: 41.17 ng

RT: 9.73 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF091129.D

Acq: 9 Nov 2016 17:34

Instrument :

BNA_F

ClientSampleId :

HSR-WC-74-110716MS

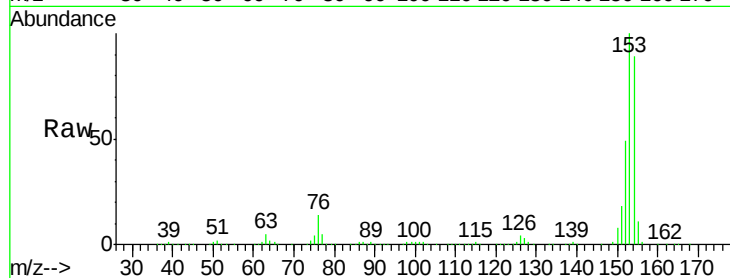
Tgt Ion:154 Resp: 880699

Ion Ratio Lower Upper

154 100

153 112.8 91.6 137.4

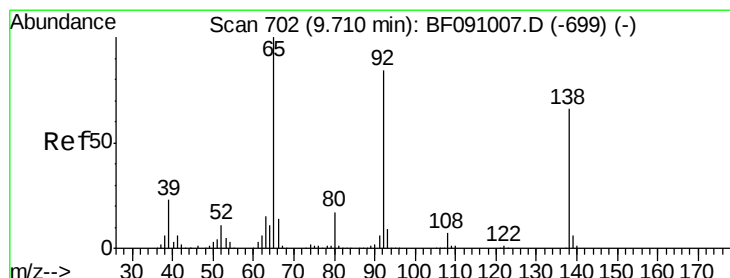
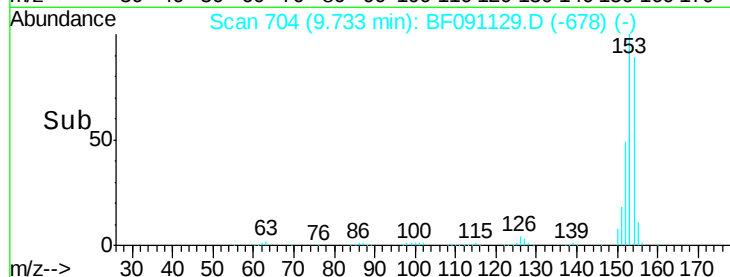
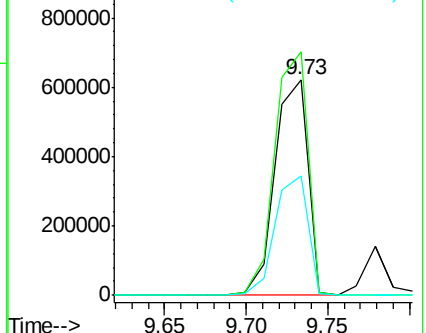
152 55.2 44.6 67.0



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: 28.95 ng

RT: 9.66 min Scan# 698

Delta R.T. 0.00 min

Lab File: BF091129.D

Acq: 9 Nov 2016 17:34

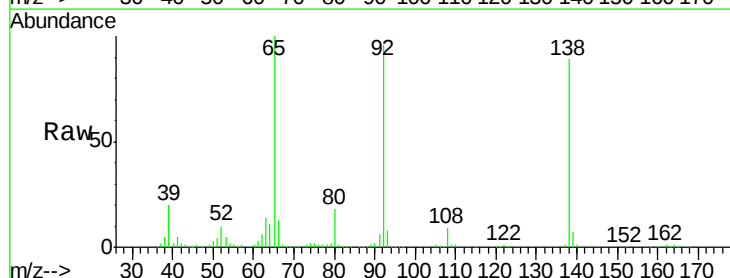
Tgt Ion:138 Resp: 190272

Ion Ratio Lower Upper

138 100

108 9.6 8.4 12.6

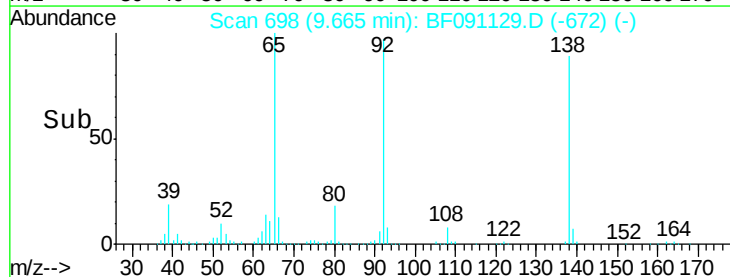
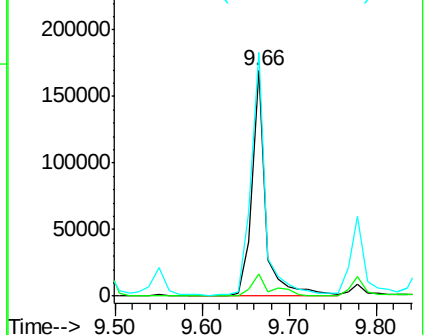
92 107.9 101.1 151.7

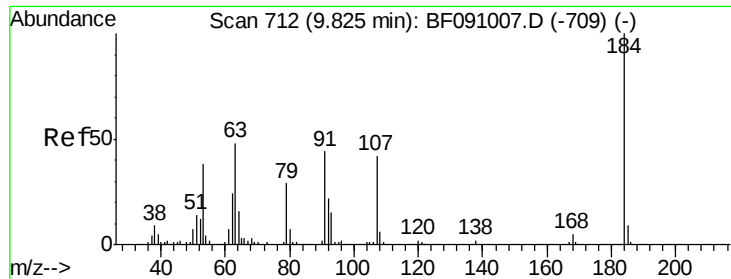


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

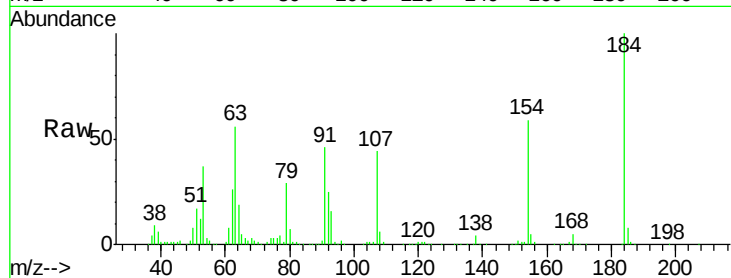




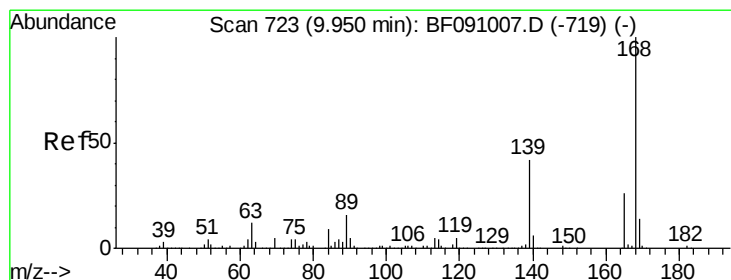
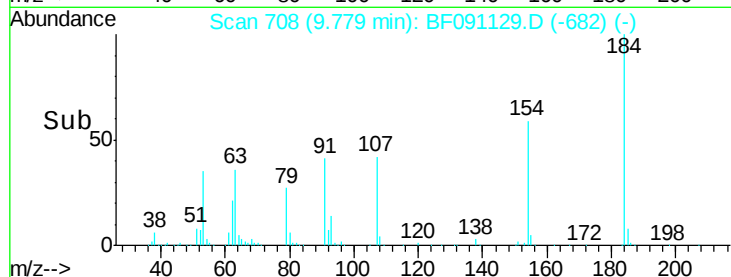
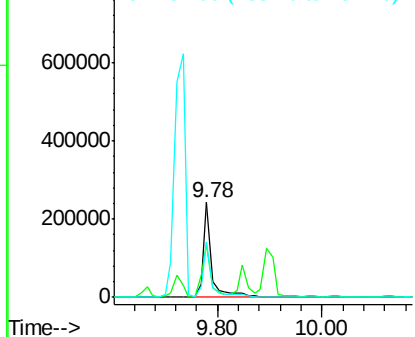
#53
 2,4-Dinitrophenol
 Concen: 91.18 ng
 RT: 9.78 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: BF091129.D
 Acq: 9 Nov 2016 17:34

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-74-110716MS

Tgt Ion:184 Resp: 278101
 Ion Ratio Lower Upper
 184 100
 63 55.7 45.5 68.3
 154 58.8 51.0 76.4

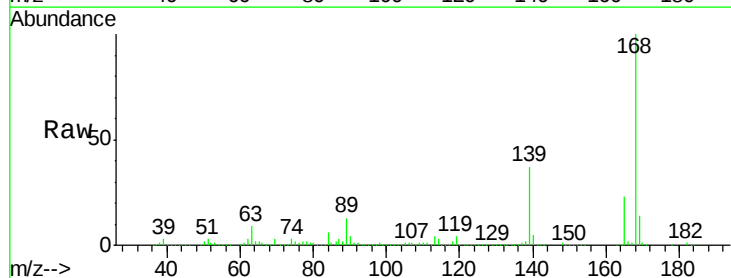


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

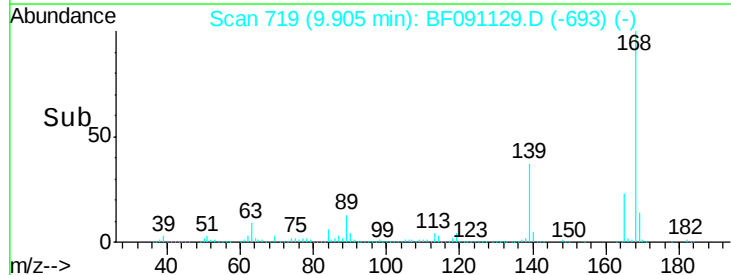
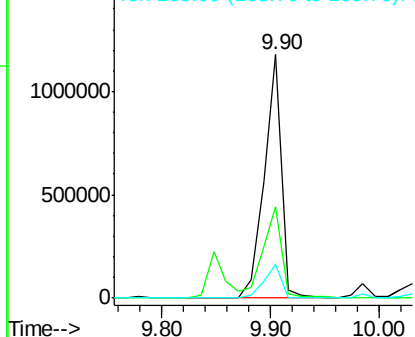


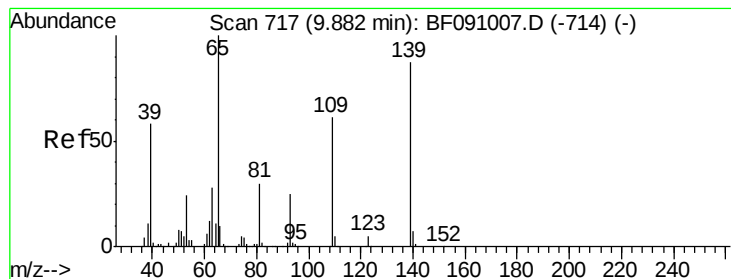
#54
 Dibenzofuran
 Concen: 45.04 ng
 RT: 9.90 min Scan# 719
 Delta R.T. 0.00 min
 Lab File: BF091129.D
 Acq: 9 Nov 2016 17:34

Tgt Ion:168 Resp: 1296781
 Ion Ratio Lower Upper
 168 100
 139 37.4 34.8 52.2
 169 13.7 11.4 17.2



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: 56.74 ng

RT: 9.85 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF091129.D

Acq: 9 Nov 2016 17:34

Instrument :

BNA_F

ClientSampleId :

HSR-WC-74-110716MS

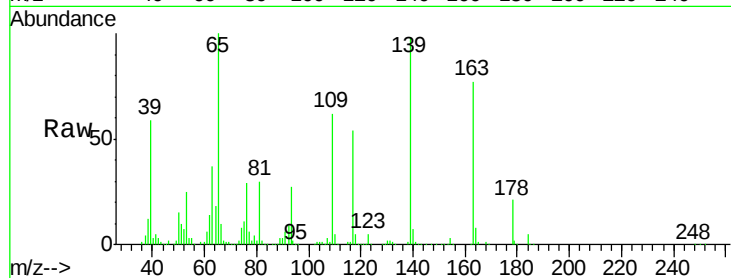
Tgt Ion:139 Resp: 240471

Ion Ratio Lower Upper

139 100

109 63.0 50.5 90.5

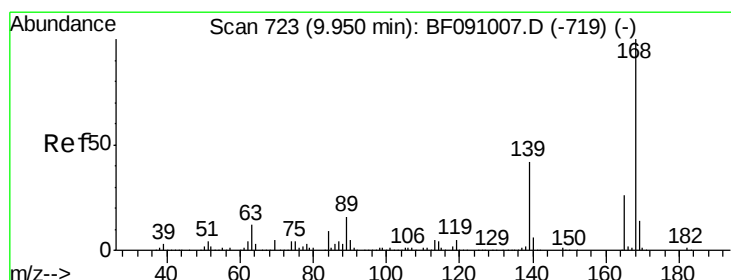
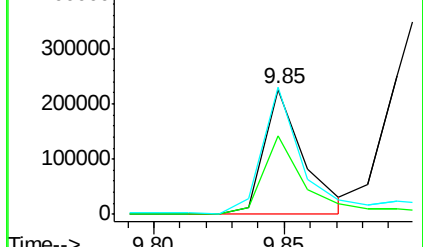
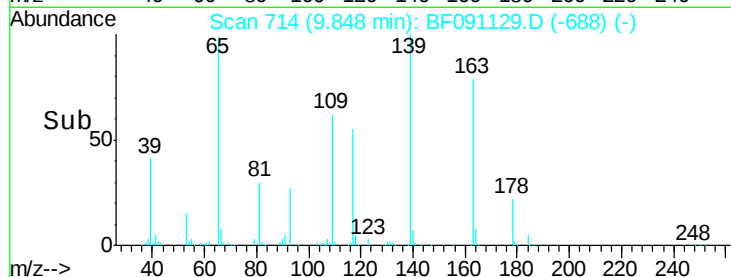
65 101.7 97.1 137.1



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 46.04 ng

RT: 9.90 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF091129.D

Acq: 9 Nov 2016 17:34

Tgt Ion:165 Resp: 324644

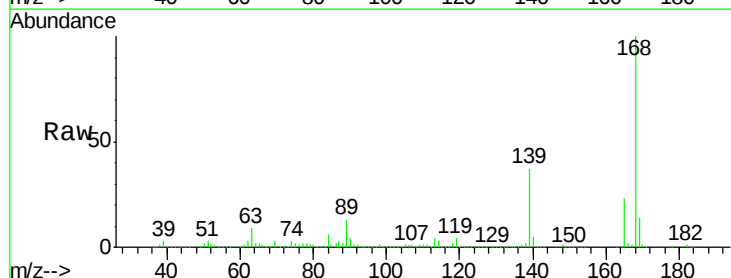
Ion Ratio Lower Upper

165 100

63 37.7 38.7 58.1#

89 57.1 50.6 76.0

182 2.4 1.8 2.8

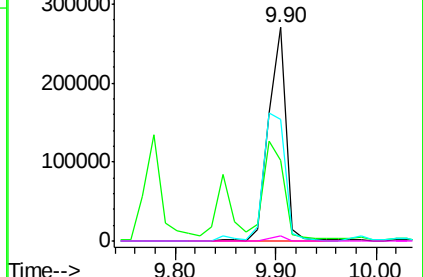
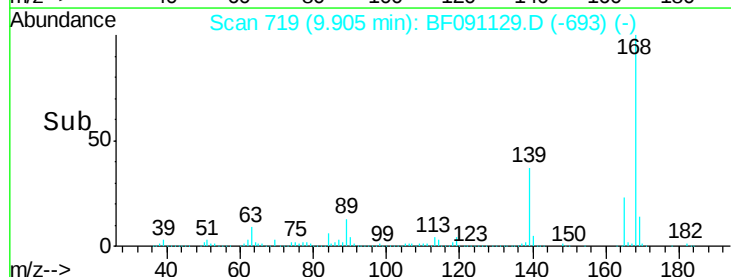


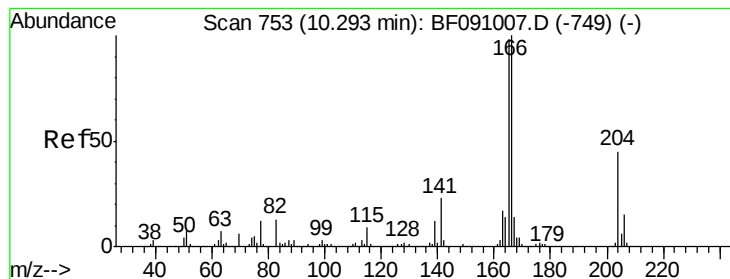
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 42.41 ng

RT: 10.25 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF091129.D

Acq: 9 Nov 2016 17:34

Instrument :

BNA_F

ClientSampleId :

HSR-WC-74-110716MS

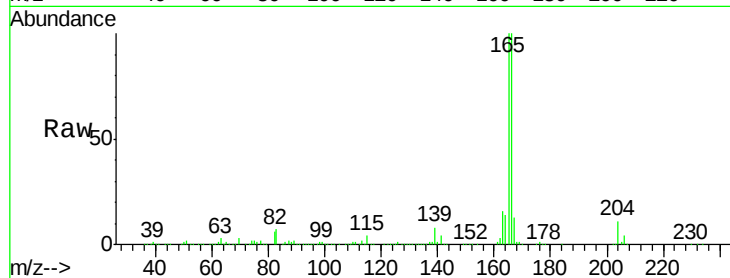
Tgt Ion:166 Resp: 998070

Ion Ratio Lower Upper

166 100

165 99.9 78.6 118.0

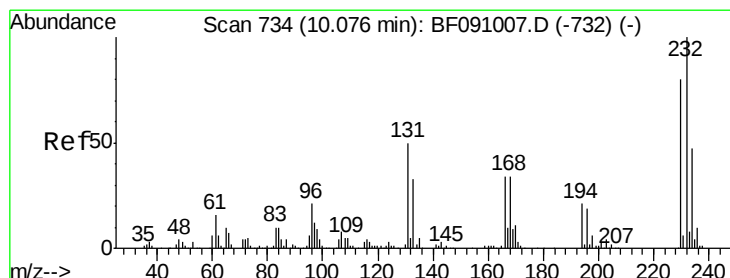
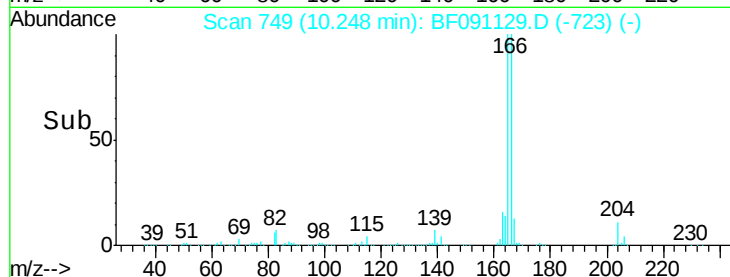
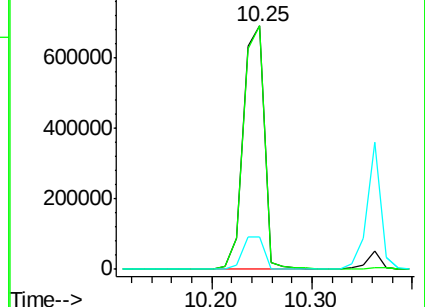
167 13.2 11.1 16.7



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: 49.01 ng

RT: 10.03 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF091129.D

Acq: 9 Nov 2016 17:34

Tgt Ion:232 Resp: 261672

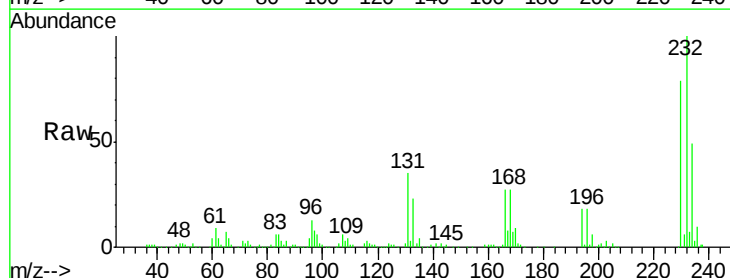
Ion Ratio Lower Upper

232 100

131 44.9 43.6 65.4

130 2.1 2.0 3.0

166 30.2 27.4 41.2

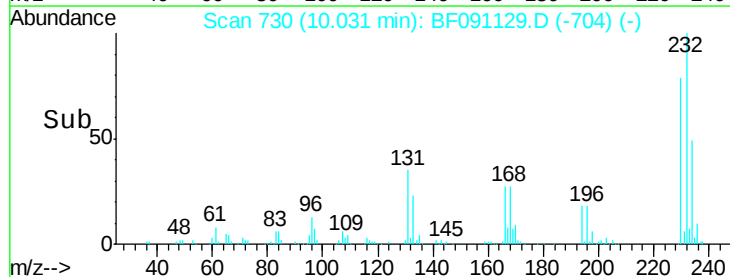
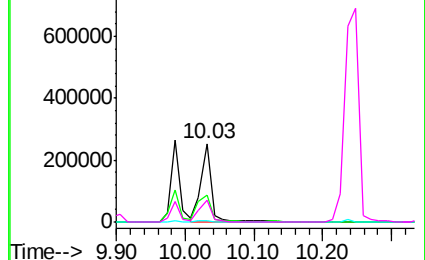


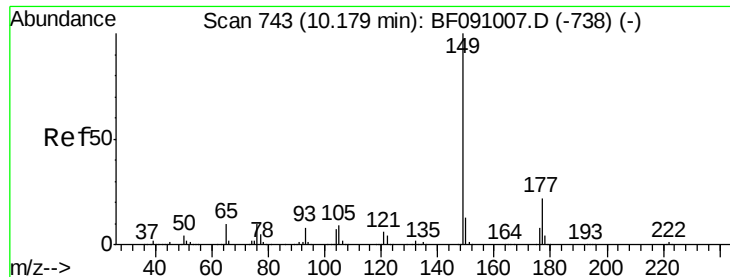
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

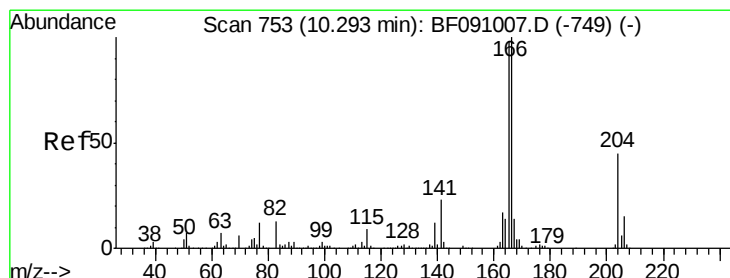
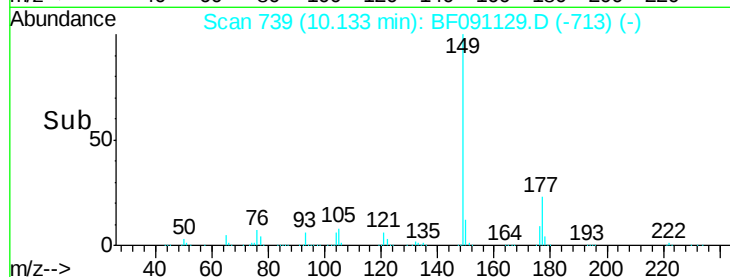
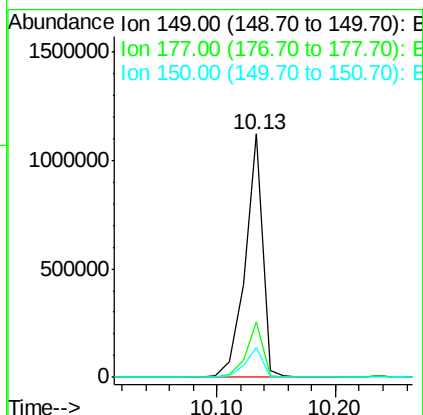
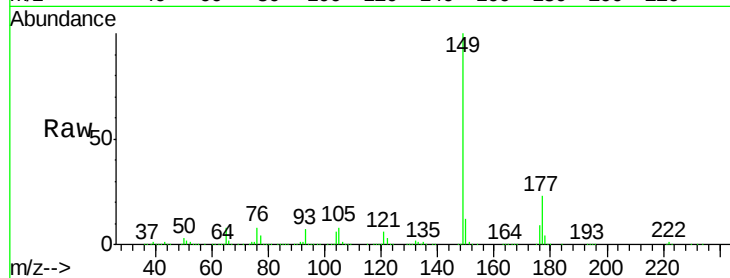




#59
Diethylphthalate
Concen: 43.23 ng
RT: 10.13 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF091129.D
Acq: 9 Nov 2016 17:34

Instrument :
BNA_F
ClientSampleId :
HSR-WC-74-110716MS

Tgt Ion:149 Resp: 1146220
Ion Ratio Lower Upper
149 100
177 22.6 17.3 25.9
150 12.5 10.3 15.5



#60
4-Chlorophenyl-phenylether
Concen: 43.07 ng
RT: 10.24 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF091129.D
Acq: 9 Nov 2016 17:34

Tgt Ion:204 Resp: 461343
Ion Ratio Lower Upper
204 100
206 33.3 27.1 40.7
141 62.5 40.1 60.1#

