

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102516\
 Data File : BF090812.D
 Acq On : 25 Oct 2016 17:30
 Operator : UM/SJ
 Sample : H5367-09MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-01S-101916MSD

Quant Time: Oct 25 18:18:10 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 25 17:09:27 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	241445	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	976612	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	549770	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	913129	20.00	ng	0.01
75) Chrysene-d12	13.97	240	623048	20.00	ng	0.01
86) Perylene-d12	15.39	264	484077	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.40	112	808635	54.01	ng	0.01
7) Phenol-d6	6.44	99	659949	32.54	ng	0.00
23) Nitrobenzene-d5	7.37	82	1498269	84.14	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	738813	169.79	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	2592885	73.21	ng	0.00
78) Terphenyl-d14	12.92	244	2665714	98.06	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.42	88	103885	11.99	ng	# 73
3) Pyridine	3.14	79	231521	11.41	ng	# 68
4) n-Nitrosodimethylamine	3.06	42	75119	10.82	ng	# 57
6) Aniline	6.46	93	524971	22.83	ng	# 87
8) 2-Chlorophenol	6.59	128	577952	32.16	ng	# 94
9) Benzaldehyde	6.34	77	111625	10.07	ng	# 73
10) Phenol	6.45	94	298490	13.09	ng	# 44
11) bis(2-Chloroethyl)ether	6.53	93	716708	37.42	ng	# 94
12) 1,3-Dichlorobenzene	6.74	146	701416	38.85	ng	# 95
13) 1,4-Dichlorobenzene	6.82	146	736504	38.46	ng	# 95
14) 1,2-Dichlorobenzene	6.82	146	742826	39.63	ng	# 97
15) Benzyl Alcohol	6.94	79	320314	23.26	ng	# 76
16) 2,2'-oxybis(1-Chloropropan	7.08	45	749811	26.14	ng	# 59
17) 2-Methylphenol	7.07	107	389300	28.75	ng	# 82
18) Hexachloroethane	7.31	117	260820	33.55	ng	# 89
19) n-Nitroso-di-n-propylamine	7.23	70	505031	33.44	ng	# 67
20) 3+4-Methylphenols	7.22	107	366205	22.82	ng	# 27
22) Acetophenone	7.22	105	943095	43.33	ng	# 83
24) Nitrobenzene	7.39	77	766261	39.70	ng	# 72
25) Isophorone	7.63	82	1385929	41.12	ng	# 91
26) 2-Nitrophenol	7.71	139	422198	53.54	ng	# 87
27) 2,4-Dimethylphenol	7.76	122	611664	43.74	ng	# 85
28) bis(2-Chloroethoxy)methane	7.85	93	865325	46.93	ng	# 95
29) 2,4-Dichlorophenol	7.95	162	535839	46.69	ng	# 93
30) 1,2,4-Trichlorobenzene	8.03	180	630016	46.65	ng	# 97
31) Naphthalene	8.11	128	1910989	40.00	ng	# 96
32) Benzoic acid	7.85	122	94035	15.59	ng	# 74
33) 4-Chloroaniline	8.17	127	442095	24.95	ng	# 95
34) Hexachlorobutadiene	8.24	225	356602	46.96	ng	# 99
35) Caprolactam	8.54	113	27872	8.50	ng	# 90
36) 4-Chloro-3-methylphenol	8.65	107	579404	43.41	ng	# 84
37) 2-Methylnaphthalene	8.81	142	1410213	50.51	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	622670	41.94	ng	# 98
40) Hexachlorocyclopentadiene	8.96	237	634731	91.08	ng	# 95

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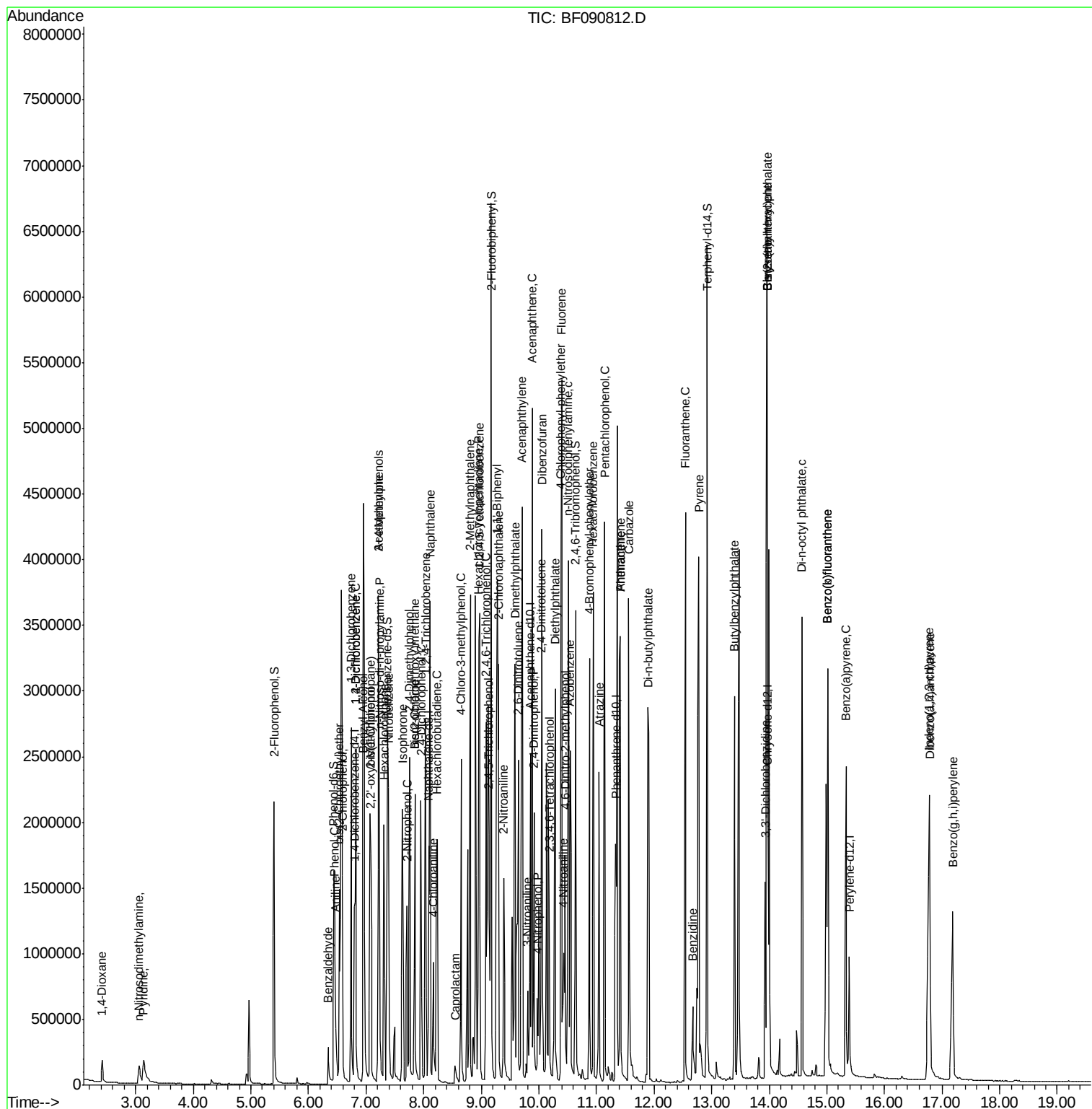
Instrument :
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 ClientSampleId :
 MW-01S-101916MSD

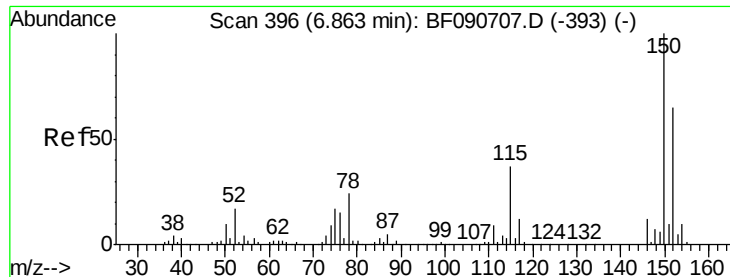
Quant Time: Oct 25 18:18:10 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	434543	47.20	ng	99
43) 2,4,5-Trichlorophenol	9.13	196	487835	52.22	ng	95
45) 1,1'-Biphenyl	9.28	154	1761232	40.79	ng	93
46) 2-Chloronaphthalene	9.30	162	1423952	44.37	ng	96
47) 2-Nitroaniline	9.39	65	372805	35.00	ng	# 77
48) Acenaphthylene	9.71	152	2012596	41.10	ng	94
49) Dimethylphthalate	9.58	163	1755138	50.81	ng	# 98
50) 2,6-Dinitrotoluene	9.64	165	409147	55.07	ng	# 92
51) Acenaphthene	9.88	154	1231597	37.89	ng	89
52) 3-Nitroaniline	9.80	138	189861	22.23	ng	# 56
53) 2,4-Dinitrophenol	9.92	184	382528	86.35	ng	# 82
54) Dibenzofuran	10.05	168	1730583	43.95	ng	# 86
55) 4-Nitrophenol	9.97	139	148280	32.10	ng	# 72
56) 2,4-Dinitrotoluene	10.04	165	444053	48.91	ng	# 83
57) Fluorene	10.40	166	1383761	42.40	ng	91
58) 2,3,4,6-Tetrachlorophenol	10.18	232	395808	53.99	ng	95
59) Diethylphthalate	10.28	149	1657262	46.25	ng	95
60) 4-Chlorophenyl-phenylether	10.38	204	668653	44.84	ng	# 87
61) 4-Nitroaniline	10.43	138	336775	38.94	ng	# 65
62) Azobenzene	10.54	77	1410437	33.62	ng	86
64) 4,6-Dinitro-2-methylphenol	10.45	198	266320	45.89	ng	# 78
65) n-Nitrosodiphenylamine	10.51	169	1193907	40.81	ng	90
66) 4-Bromophenyl-phenylether	10.88	248	449836	50.82	ng	97
67) Hexachlorobenzene	10.94	284	562158	53.82	ng	# 84
68) Atrazine	11.05	200	443967	54.98	ng	86
69) Pentachlorophenol	11.14	266	566551	84.21	ng	97
70) Phenanthrene	11.41	178	2268731	48.74	ng	96
71) Anthracene	11.41	178	2279051	44.15	ng	97
72) Carbazole	11.56	167	1846029	42.78	ng	# 92
73) Di-n-butylphthalate	11.91	149	2406112	42.98	ng	99
74) Fluoranthene	12.55	202	2186251	48.56	ng	88
76) Benzidine	12.67	184	459767	33.23	ng	98
77) Pyrene	12.77	202	2145998	49.32	ng	# 95
79) Butylbenzylphthalate	13.39	149	956363	47.81	ng	# 85
80) Benzo(a)anthracene	13.96	228	1474784	43.25	ng	95
81) 3,3'-Dichlorobenzidine	13.93	252	423354	35.83	ng	# 93
82) Chrysene	13.96	228	1474784	44.32	ng	97
83) Bis(2-ethylhexyl)phthalate	13.96	149	1298794	45.38	ng	99
84) Di-n-octyl phthalate	14.57	149	1957643	45.07	ng	# 86
85) Indeno(1,2,3-cd)pyrene	16.77	276	1418584	48.86	ng	# 92
87) Benzo(b)fluoranthene	15.01	252	2829599	95.06	ng	# 89
88) Benzo(k)fluoranthene	15.01	252	2835880	94.80	ng	# 90
89) Benzo(a)pyrene	15.33	252	1321671	47.33	ng	# 86
90) Dibenzo(a,h)anthracene	16.79	278	1211255	45.17	ng	# 82
91) Benzo(g,h,i)perylene	17.19	276	1158404	44.54	ng	# 78

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF090812.D

Acq: 25 Oct 2016 17:30

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MSD

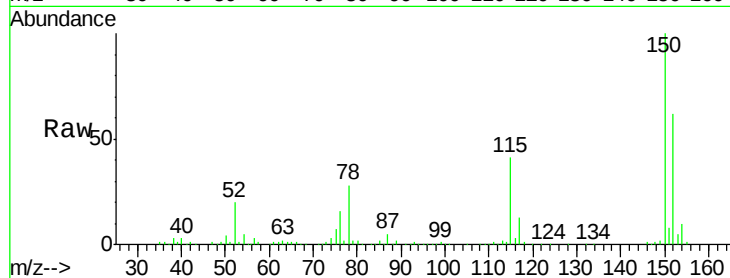
Tgt Ion:152 Resp: 241445

Ion Ratio Lower Upper

152 100

150 161.0 124.7 187.1

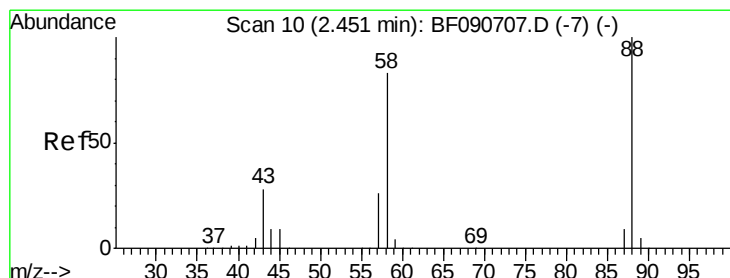
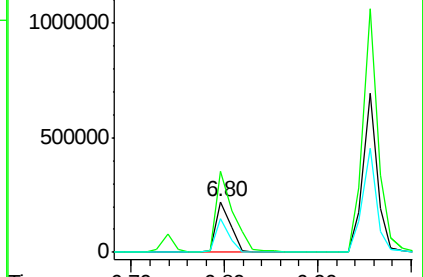
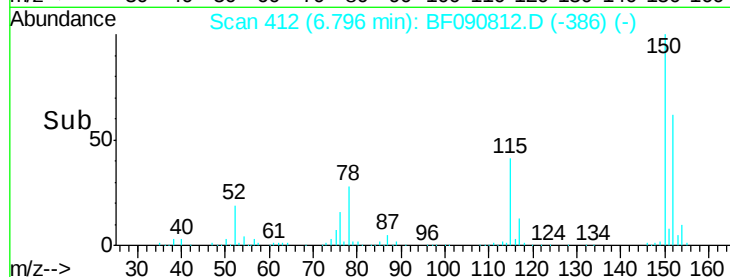
115 66.2 39.0 58.4#



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: 11.99 ng

RT: 2.42 min Scan# 29

Delta R.T. 0.07 min

Lab File: BF090812.D

Acq: 25 Oct 2016 17:30

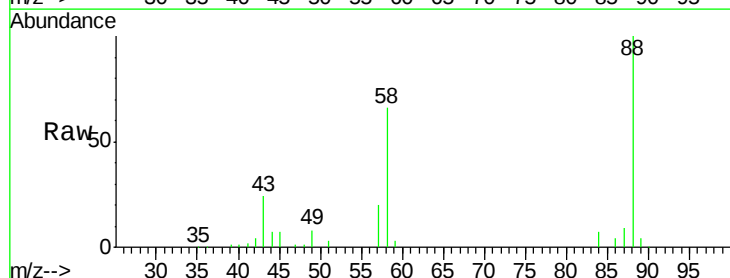
Tgt Ion: 88 Resp: 103885

Ion Ratio Lower Upper

88 100

58 67.2 77.7 116.5#

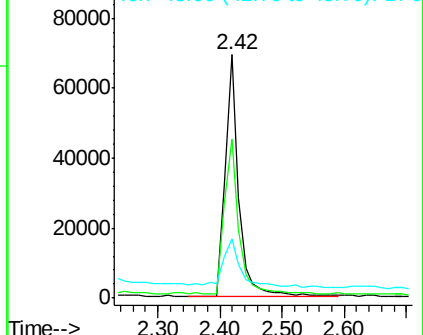
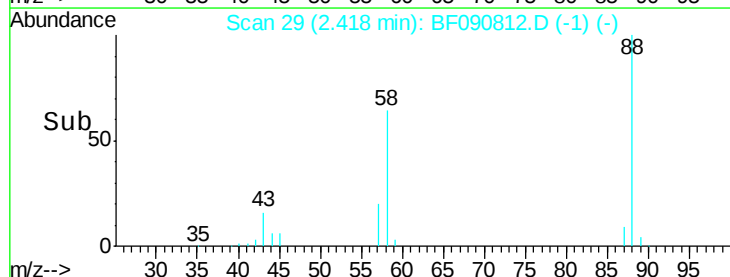
43 24.4 26.6 40.0#

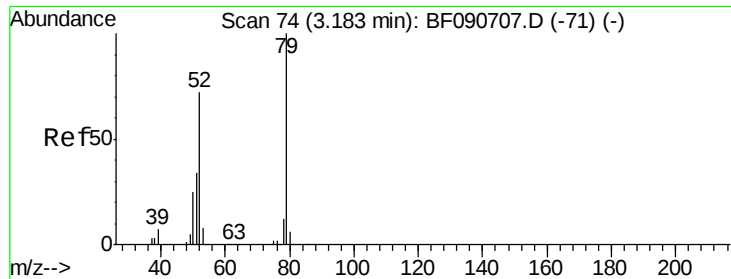


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 11.41 ng

RT: 3.14 min Scan# 92

Delta R.T. 0.08 min

Lab File: BF090812.D

Acq: 25 Oct 2016 17:30

Instrument :

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MW-01S-101916MSD

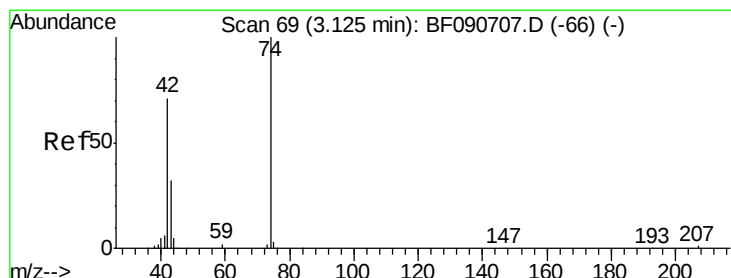
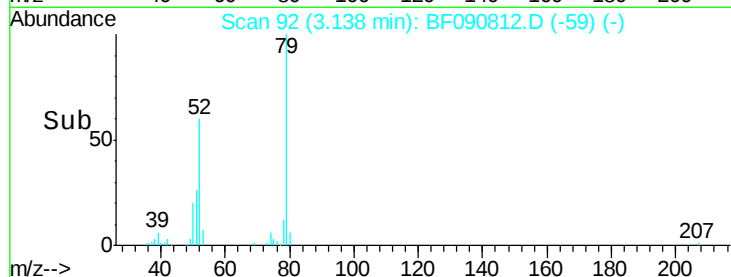
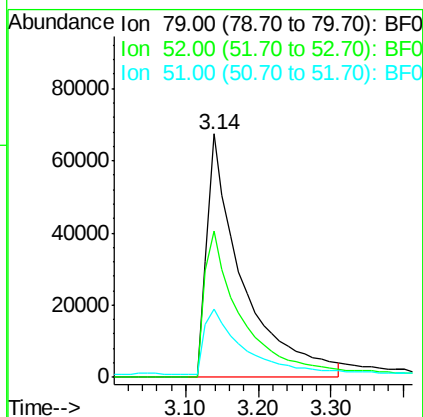
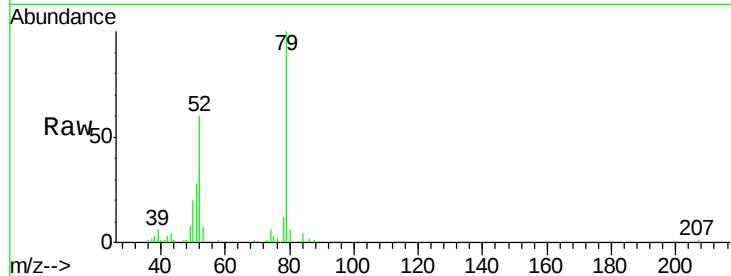
Tgt Ion: 79 Resp: 231521

Ion Ratio Lower Upper

79 100

52 60.3 76.8 115.2#

51 27.8 32.2 48.4#



#4

n-Nitrosodimethylamine

Concen: 10.82 ng

RT: 3.06 min Scan# 85

Delta R.T. 0.05 min

Lab File: BF090812.D

Acq: 25 Oct 2016 17:30

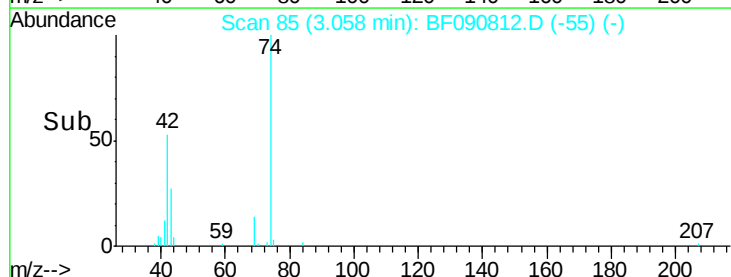
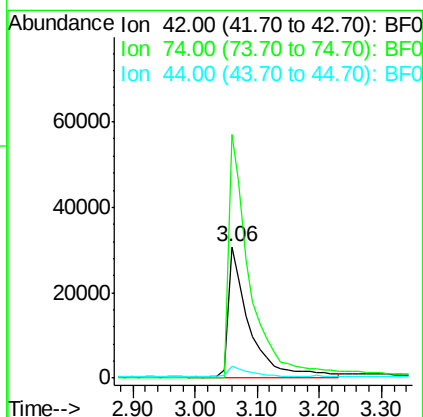
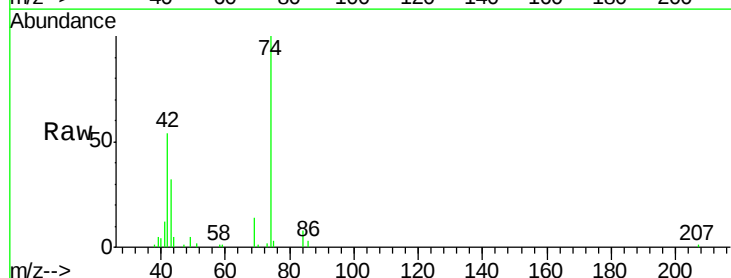
Tgt Ion: 42 Resp: 75119

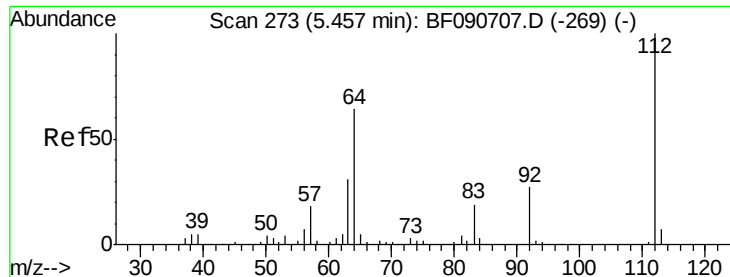
Ion Ratio Lower Upper

42 100

74 185.1 105.0 157.6#

44 9.3 6.6 10.0





#5

2-Fluorophenol

Concen: 54.01 ng

RT: 5.40 min Scan# 290

Delta R.T. 0.01 min

Lab File: BF090812.D

Acq: 25 Oct 2016 17:30

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MW-01S-101916MSD

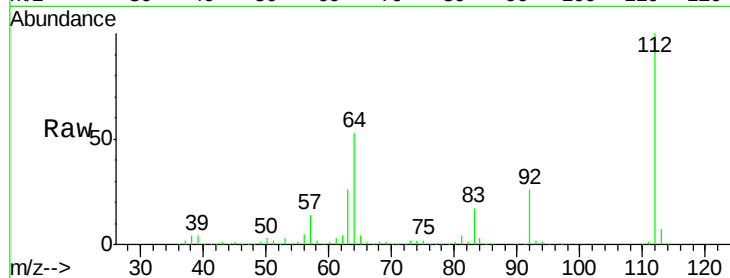
Tgt Ion: 112 Resp: 808635

Ion Ratio Lower Upper

112 100

64 52.5 39.7 59.5

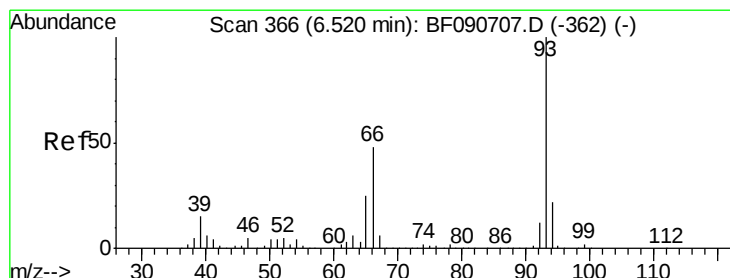
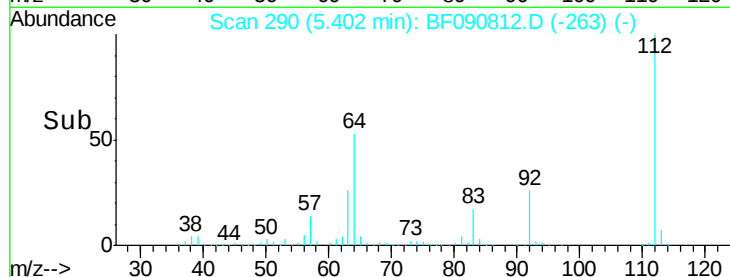
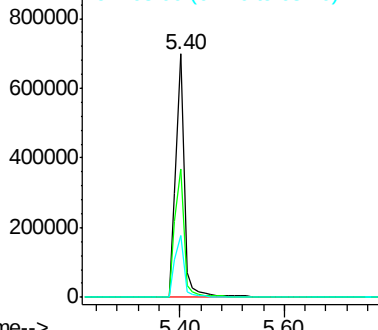
63 25.5 17.4 26.0



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: 22.83 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF090812.D

Acq: 25 Oct 2016 17:30

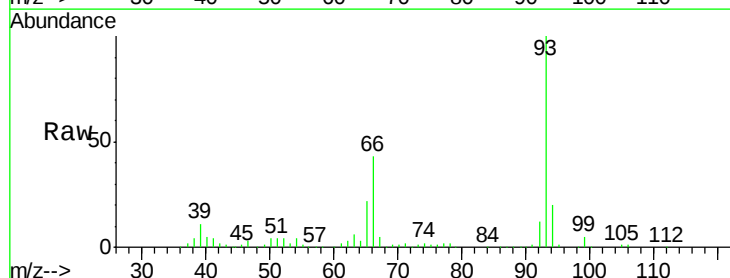
Tgt Ion: 93 Resp: 524971

Ion Ratio Lower Upper

93 100

66 43.0 27.2 40.8#

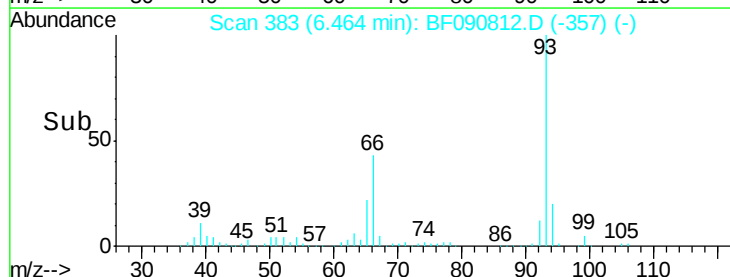
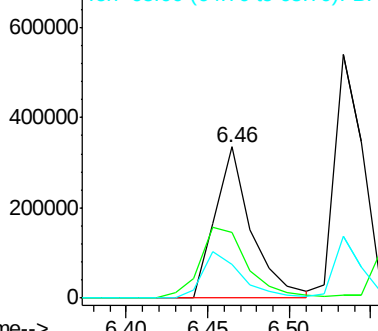
65 22.2 14.7 22.1#

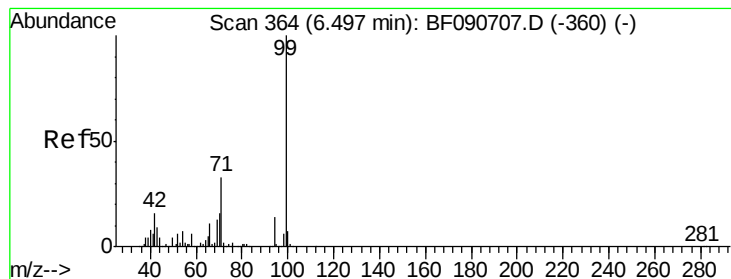


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 32.54 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF090812.D

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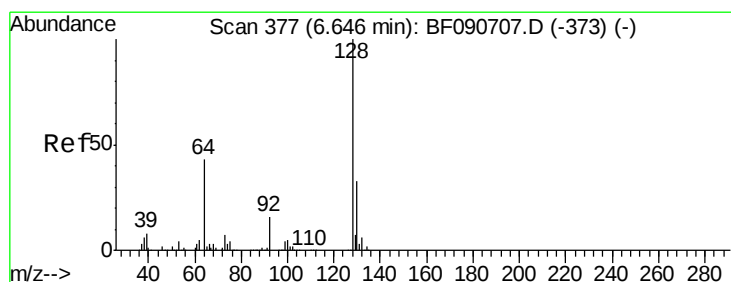
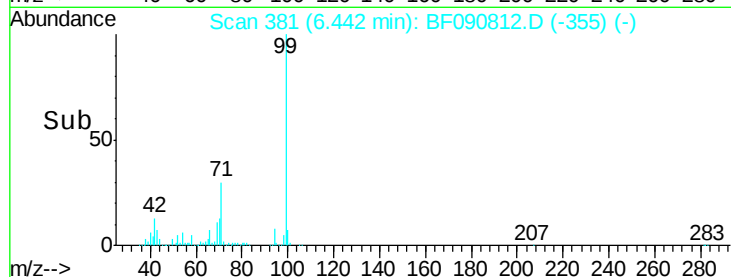
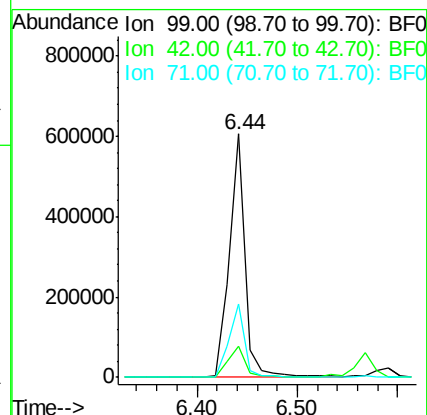
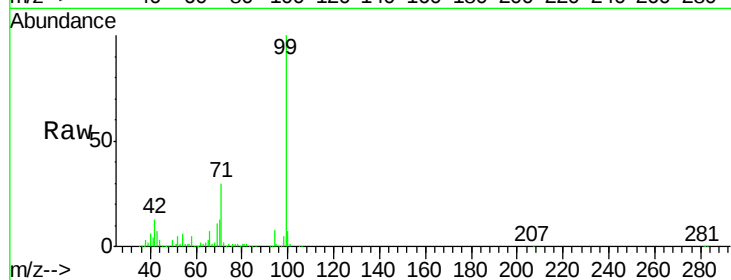
Tgt Ion: 99 Resp: 659949

Ion Ratio Lower Upper

99 100

42 13.0 13.7 20.5#

71 30.0 14.2 21.2#



#8

2-Chlorophenol

Concen: 32.16 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF090812.D

Acq: 25 Oct 2016 17:30

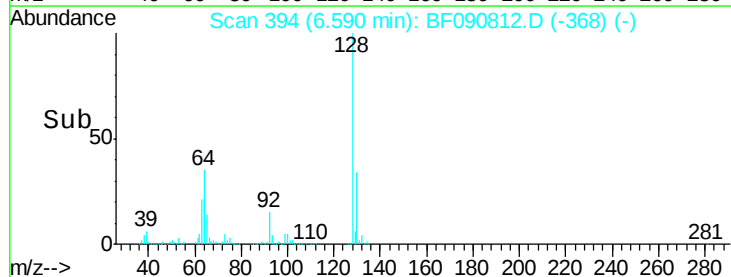
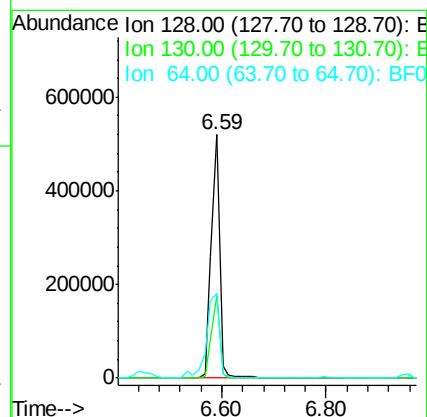
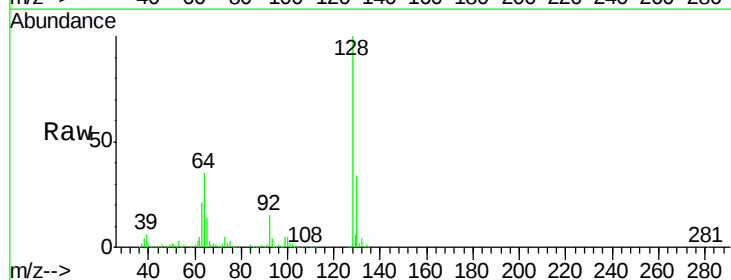
Tgt Ion: 128 Resp: 577952

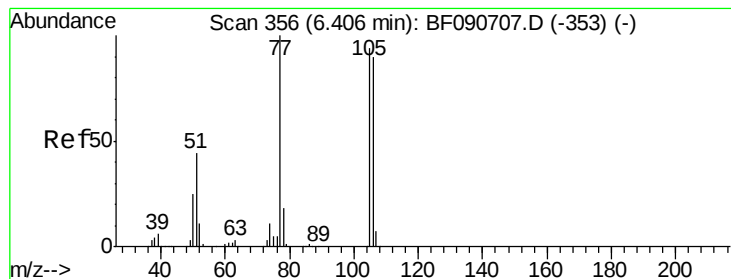
Ion Ratio Lower Upper

128 100

130 33.8 12.2 52.2

64 34.7 20.5 60.5





#9

Benzaldehyde

Concen: 10.07 ng

RT: 6.34 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF090812.D

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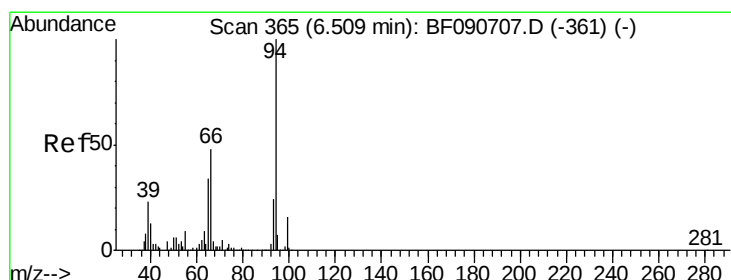
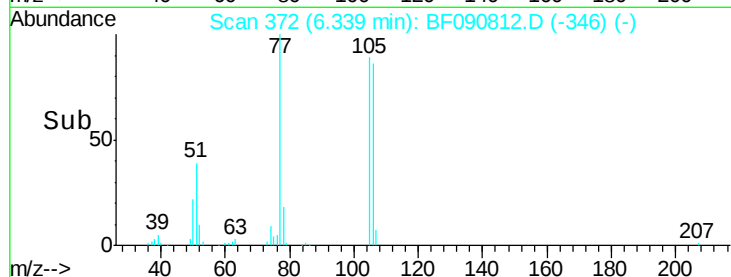
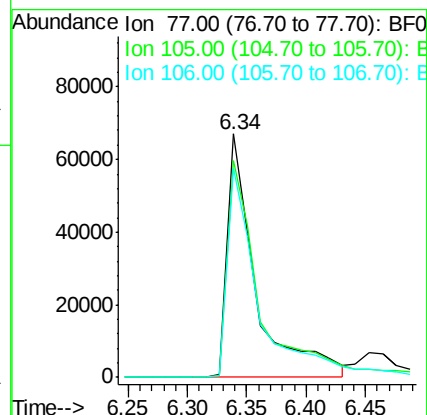
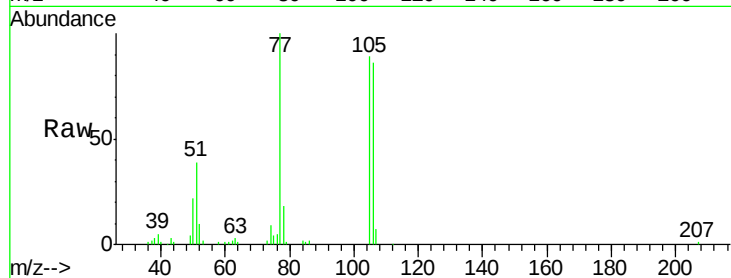
Tgt Ion: 77 Resp: 111625

Ion Ratio Lower Upper

77 100

105 89.1 91.6 131.6#

106 85.9 102.6 142.6#



#10

Phenol

Concen: 13.09 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF090812.D

Acq: 25 Oct 2016 17:30

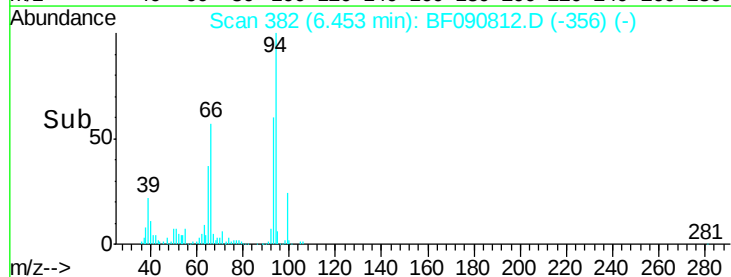
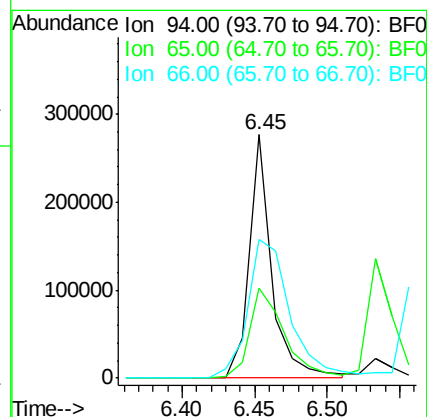
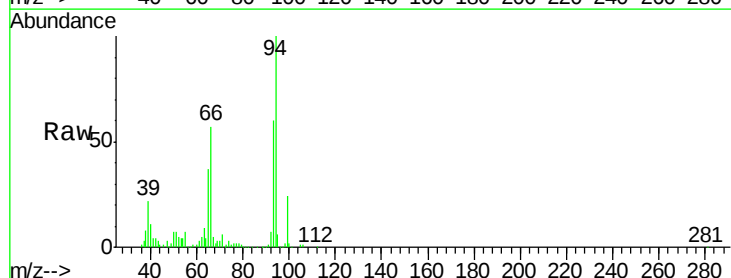
Tgt Ion: 94 Resp: 298490

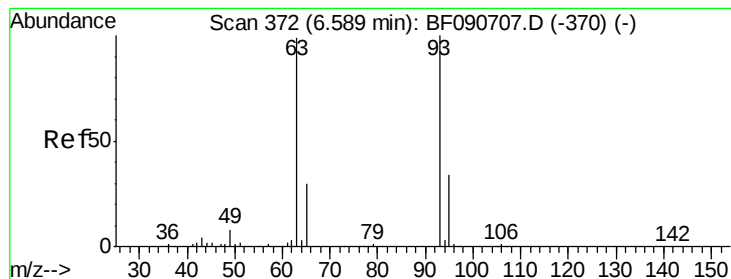
Ion Ratio Lower Upper

94 100

65 36.8 0.7 40.7

66 56.9 0.8 40.8#





#11

bis(2-Chloroethyl)ether

Concen: 37.42 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF090812.D

Acq: 25 Oct 2016 17:30

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MSD

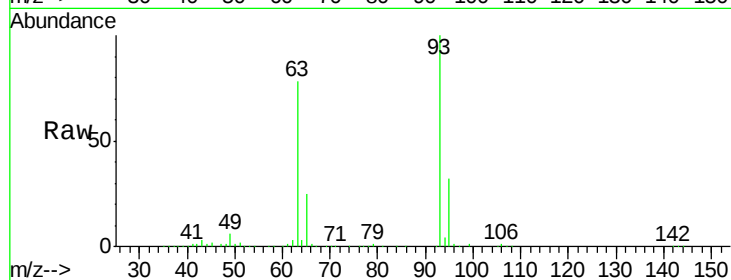
Tgt Ion: 93 Resp: 716708

Ion Ratio Lower Upper

93 100

63 78.4 65.6 105.6

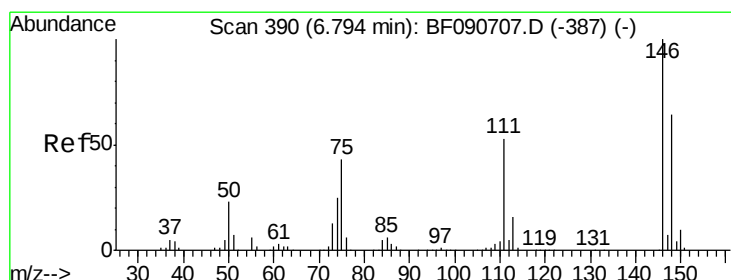
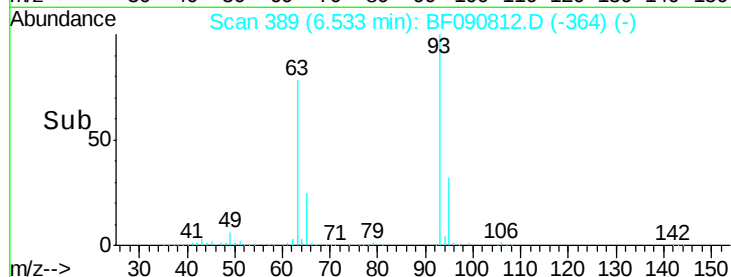
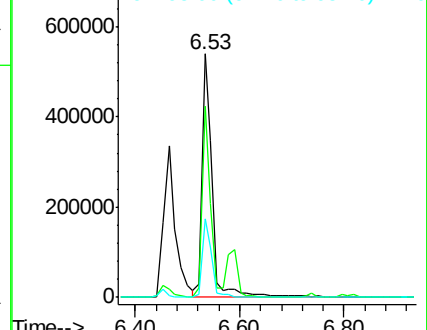
95 32.4 13.6 53.6



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: 38.85 ng

RT: 6.74 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF090812.D

Acq: 25 Oct 2016 17:30

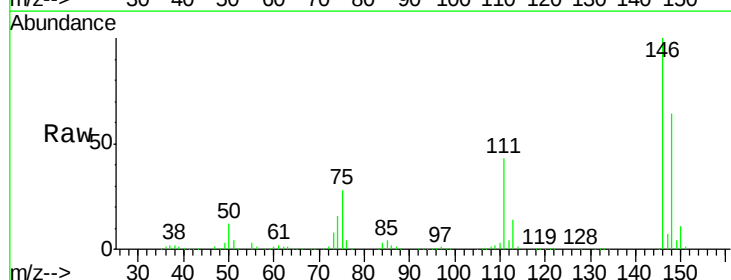
Tgt Ion: 146 Resp: 701416

Ion Ratio Lower Upper

146 100

148 64.4 51.0 76.4

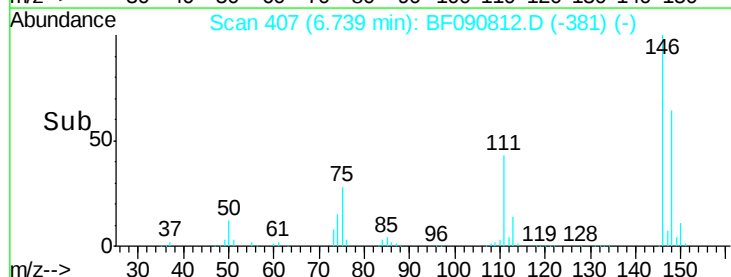
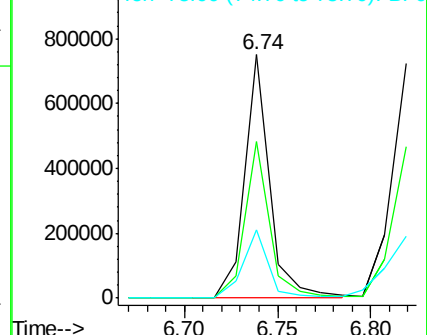
75 28.2 15.0 22.6#

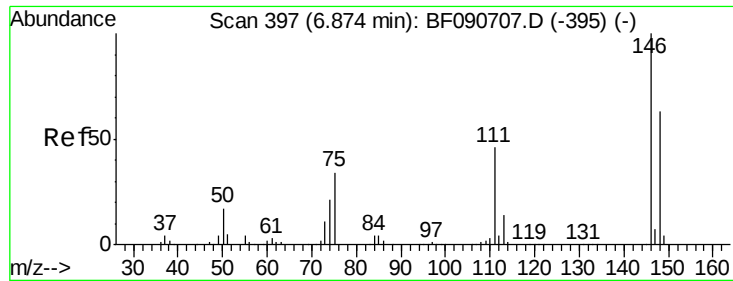


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

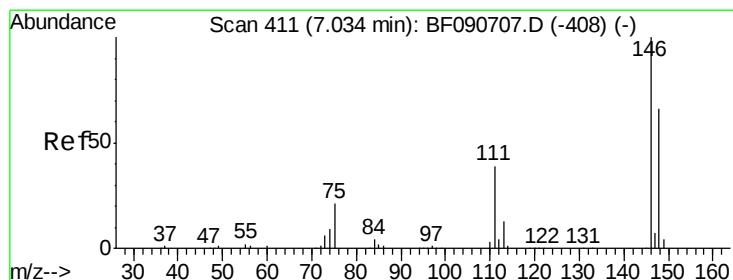
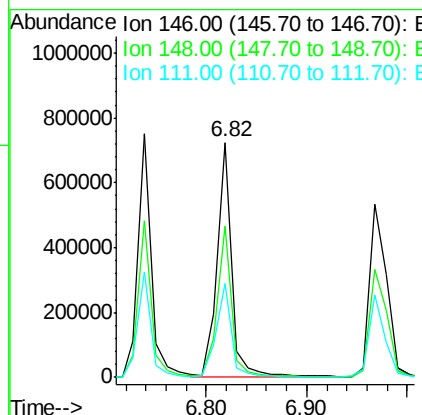
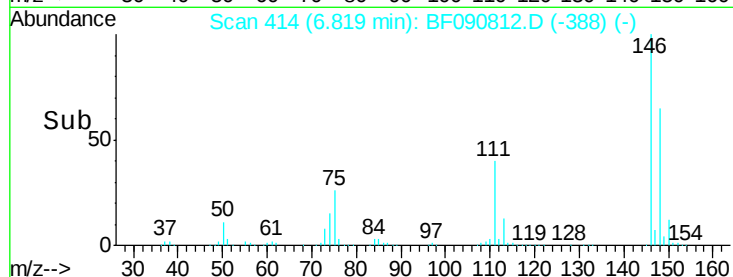
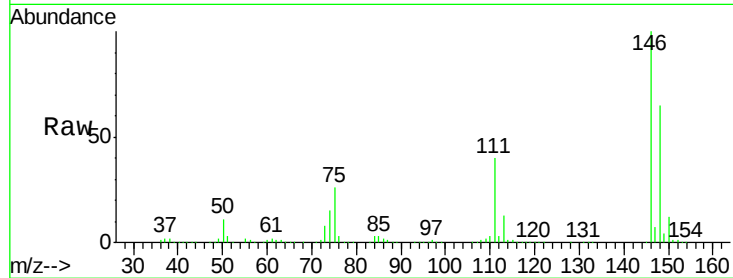




#13
 1,4-Dichlorobenzene
 Concen: 38.46 ng
 RT: 6.82 min Scan# 414
 Delta R.T. 0.00 min
 Lab File: BF090812.D
 Acq: 25 Oct 2016 17:30

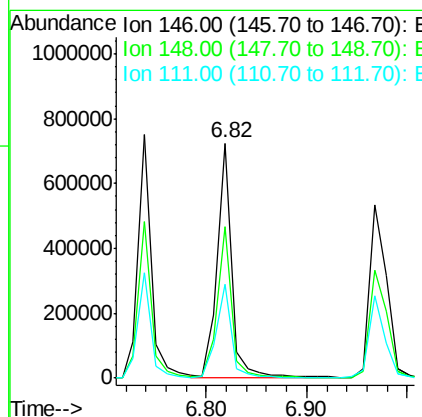
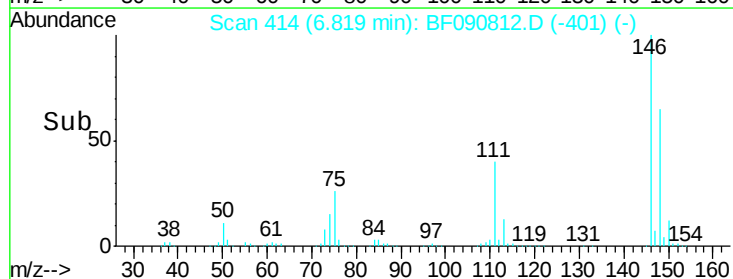
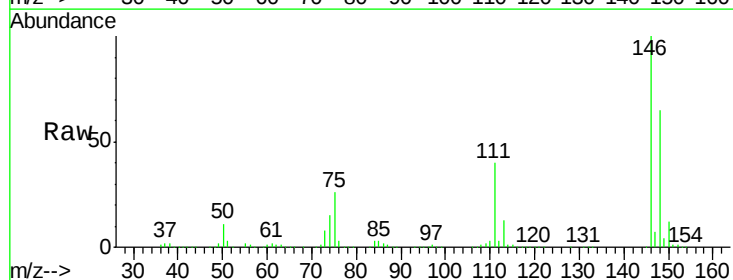
Instrument :
 BNA_F
 ClientSampleId :
 MW-01S-101916MSD

Tgt Ion:146 Resp: 736504
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.8 77.6
 111 39.7 24.9 37.3#



#14
 1,2-Dichlorobenzene
 Concen: 39.63 ng
 RT: 6.82 min Scan# 414
 Delta R.T. -0.15 min
 Lab File: BF090812.D
 Acq: 25 Oct 2016 17:30

Tgt Ion:146 Resp: 742826
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.7 79.1
 111 39.7 28.8 43.2





#15

Benzyl Alcohol

Concen: 23.26 ng

RT: 6.94 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF090812.D

Acq: 25 Oct 2016 17:30

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MSD

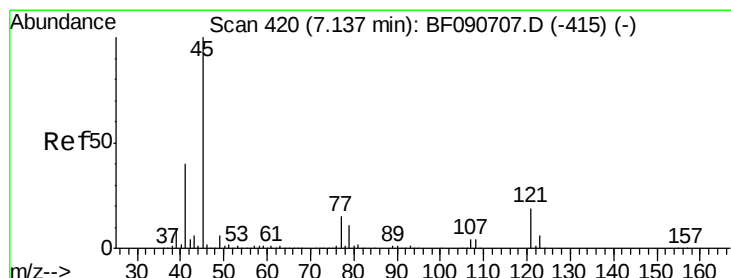
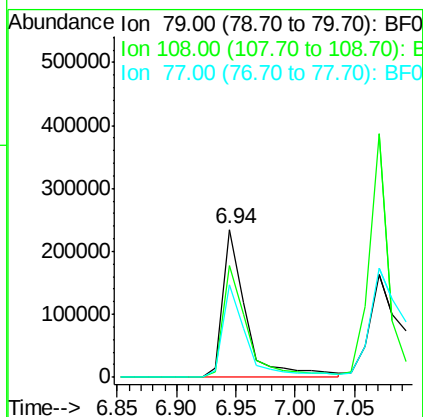
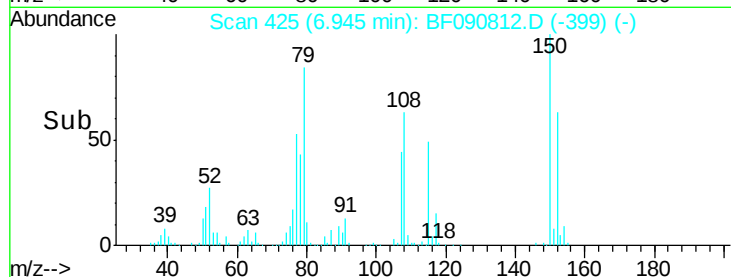
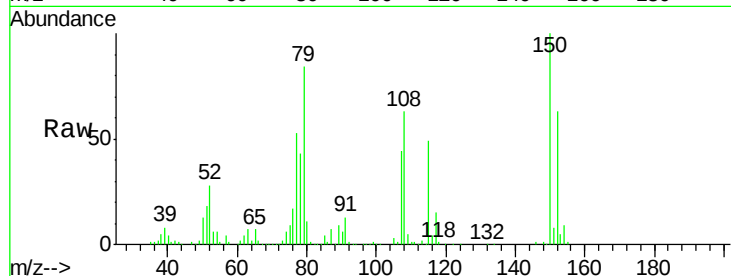
Tgt Ion: 79 Resp: 320314

Ion Ratio Lower Upper

79 100

108 75.3 88.6 132.8#

77 63.0 47.0 70.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 26.14 ng

RT: 7.08 min Scan# 437

Delta R.T. 0.00 min

Lab File: BF090812.D

Acq: 25 Oct 2016 17:30

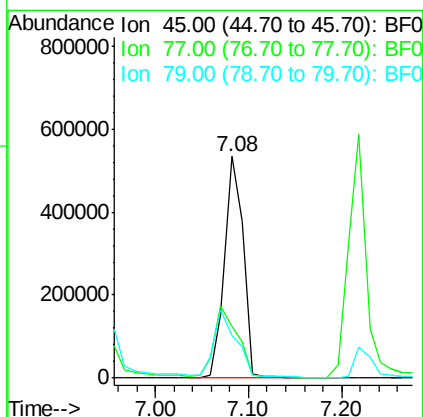
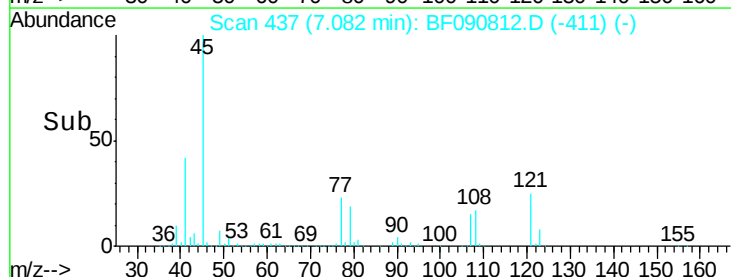
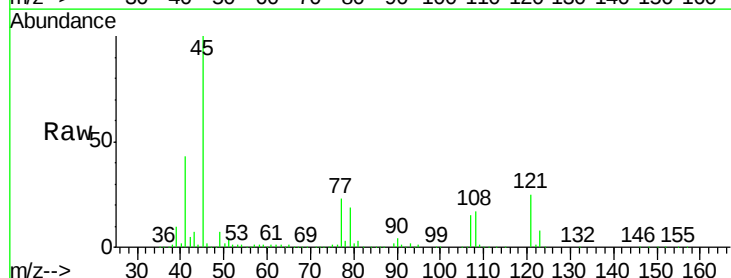
Tgt Ion: 45 Resp: 749811

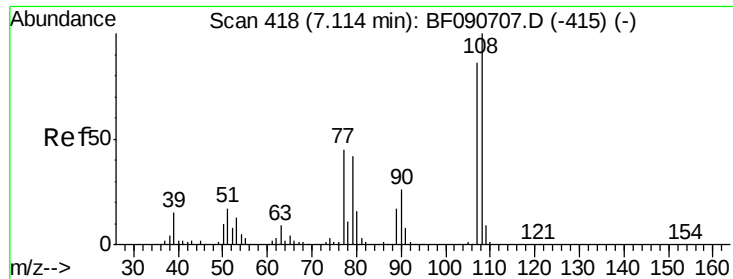
Ion Ratio Lower Upper

45 100

77 23.4 0.0 28.1

79 19.0 0.0 26.0





#17

2-Methylphenol

Concen: 28.75 ng

RT: 7.07 min Scan# 436

Delta R.T. 0.00 min

Lab File: BF090812.D

Acq: 25 Oct 2016 17:30

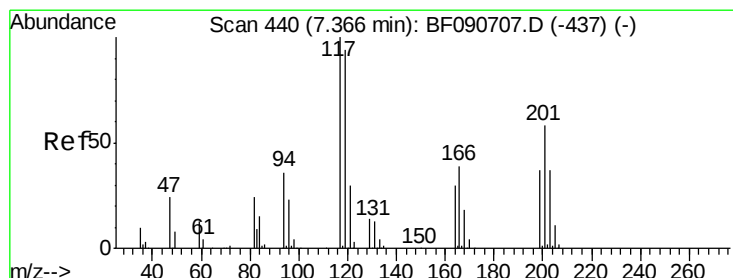
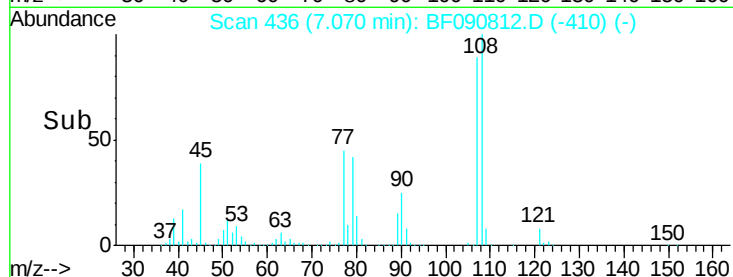
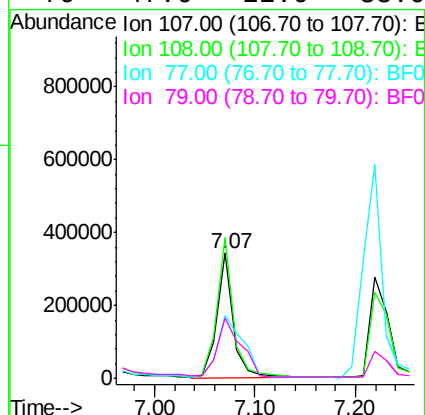
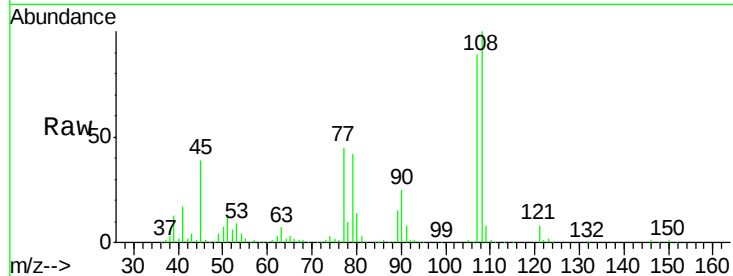
Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MSD

Tgt Ion:	107	Resp:	389300
Ion	Ratio	Lower	Upper
107	100		
108	112.3	96.6	145.0
77	50.5	23.3	34.9#
79	47.6	22.0	33.0#



#18

Hexachloroethane

Concen: 33.55 ng

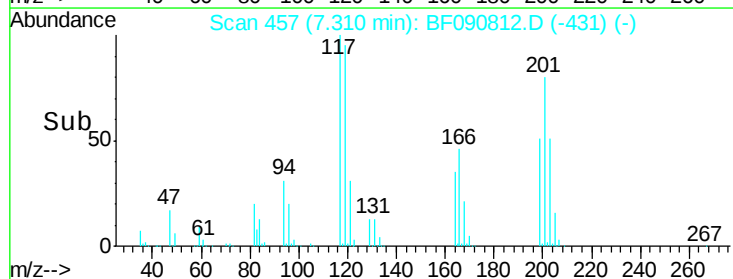
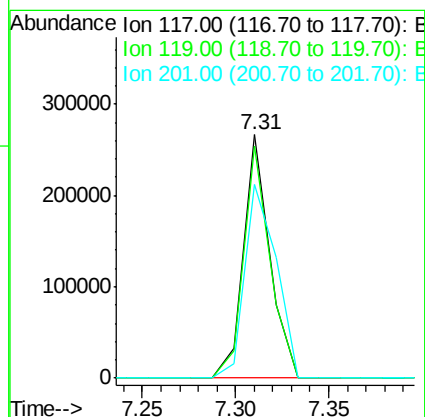
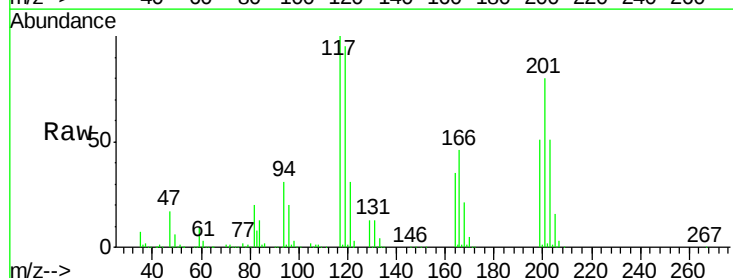
RT: 7.31 min Scan# 457

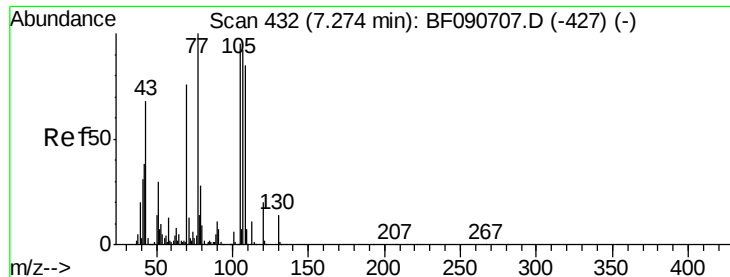
Delta R.T. 0.00 min

Lab File: BF090812.D

Acq: 25 Oct 2016 17:30

Tgt Ion:	117	Resp:	260820
Ion	Ratio	Lower	Upper
117	100		
119	95.2	83.8	125.6
201	79.6	55.1	82.7

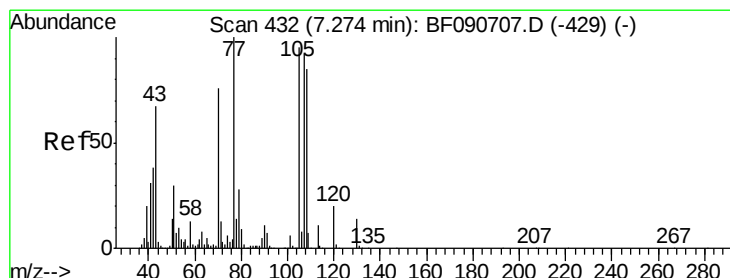
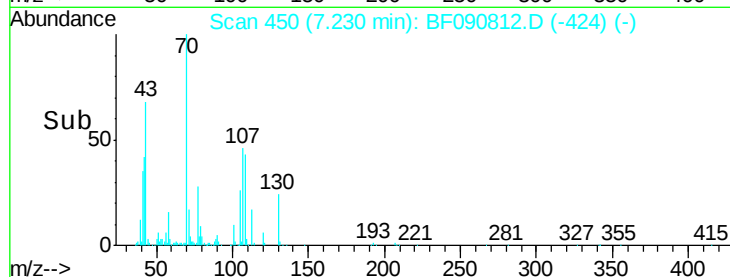
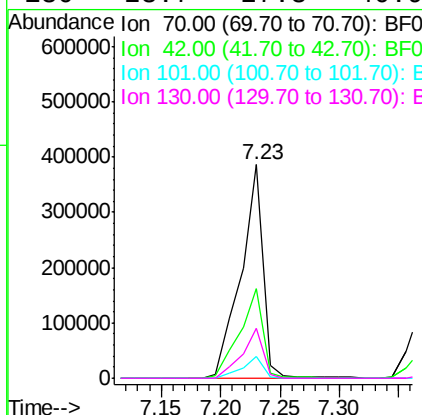
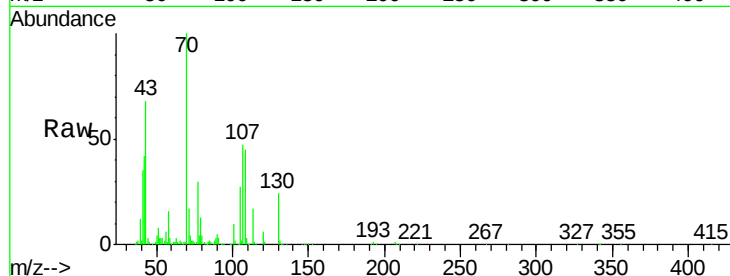




#19
n-Nitroso-di-n-propylamine
Concen: 33.44 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF090812.D
Acq: 25 Oct 2016 17:30

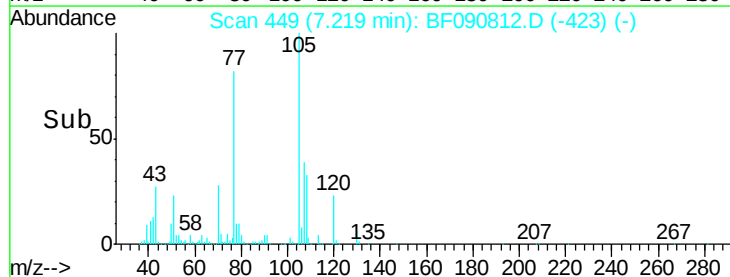
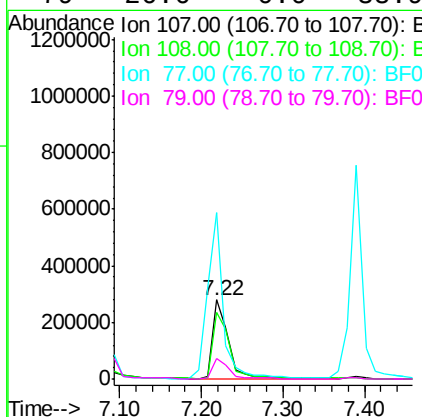
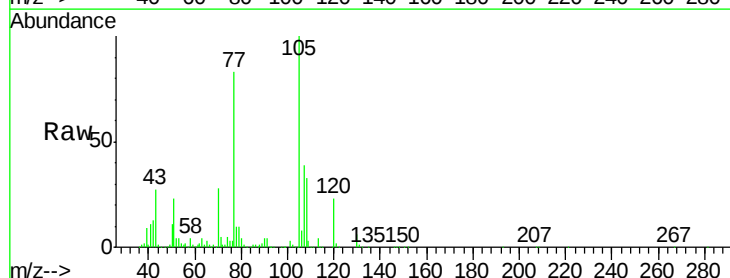
Instrument :
BNA_F
ClientSampleId :
MW-01S-101916MSD

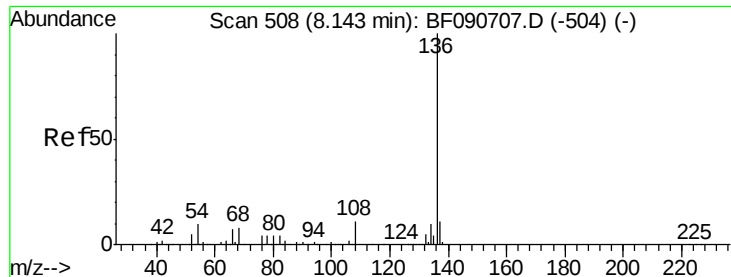
Tgt Ion: 70 Resp: 505031
Ion Ratio Lower Upper
70 100
42 41.8 63.8 95.6#
101 10.3 9.2 13.8
130 23.7 27.3 40.9#



#20
3+4-Methylphenols
Concen: 22.82 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF090812.D
Acq: 25 Oct 2016 17:30

Tgt Ion: 107 Resp: 366205
Ion Ratio Lower Upper
107 100
108 84.1 74.6 114.6
77 210.3 0.7 40.7#
79 26.6 0.0 38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF090812.D

Acq: 25 Oct 2016 17:30

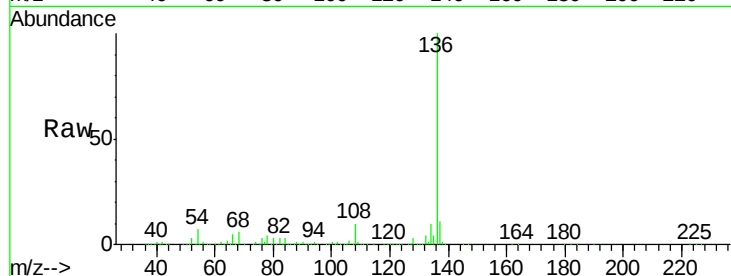
Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MSD

Tgt Ion:	136	Resp:	976612
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	6.9	8.2	12.2#
68	6.5	5.8	8.6

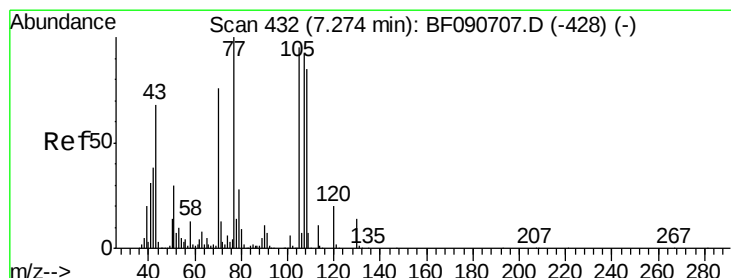
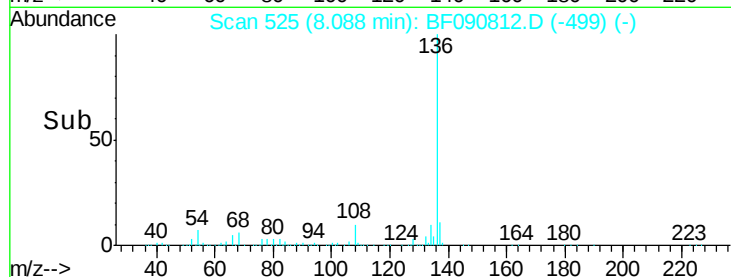
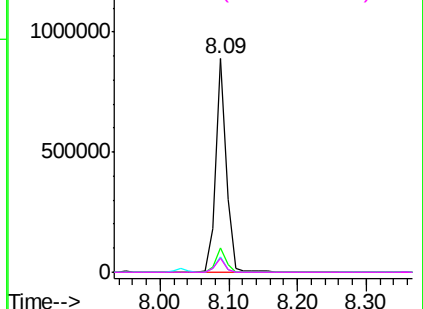


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.33 ng

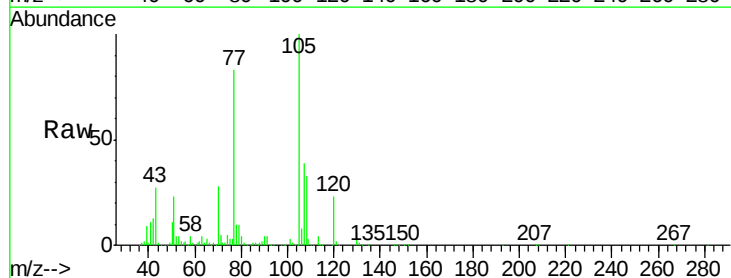
RT: 7.22 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF090812.D

Acq: 25 Oct 2016 17:30

Tgt Ion:	105	Resp:	943095
Ion	Ratio	Lower	Upper
105	100		
71	4.8	4.7	7.1
51	22.8	22.0	33.0
120	22.7	30.1	45.1#

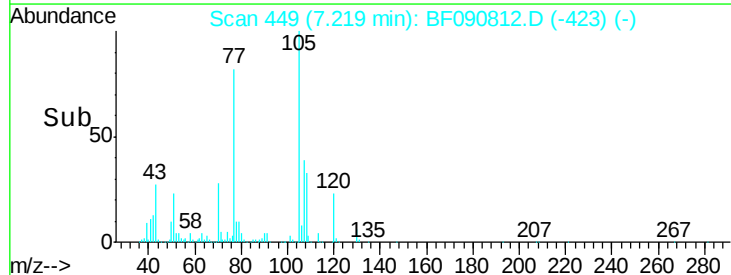
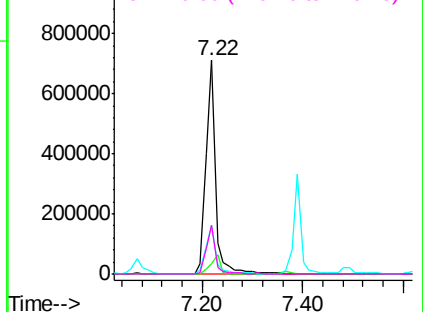


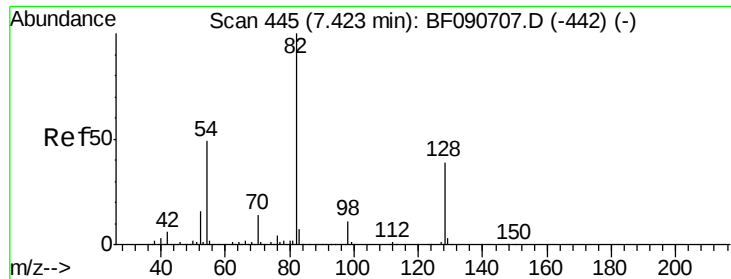
Abundance Ion 105.00 (104.70 to 105.70): E

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

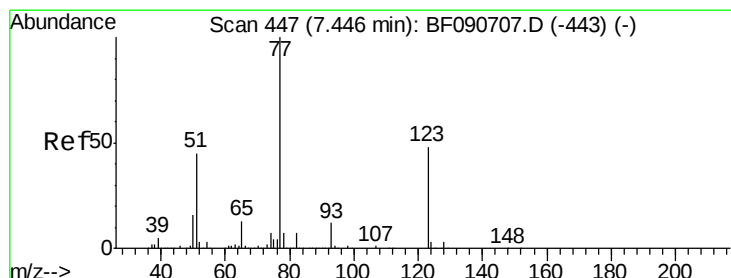
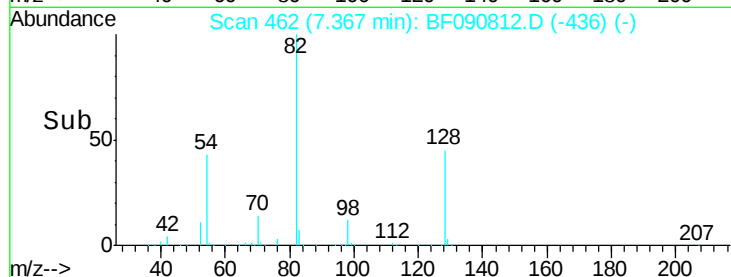
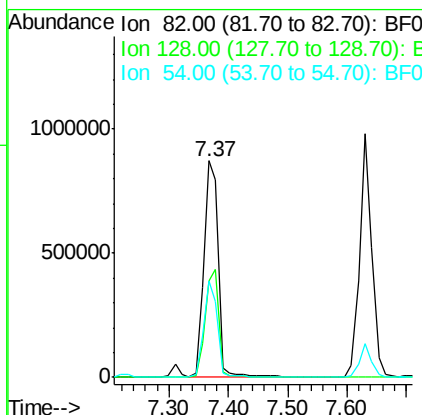
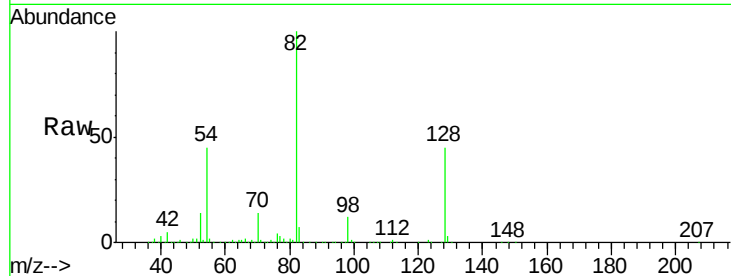




#23
 Nitrobenzene-d5
 Concen: 84.14 ng
 RT: 7.37 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF090812.D
 Acq: 25 Oct 2016 17:30

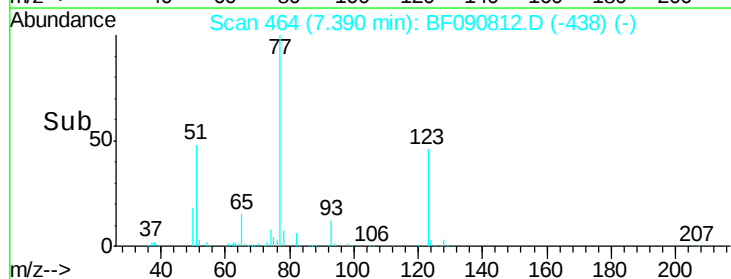
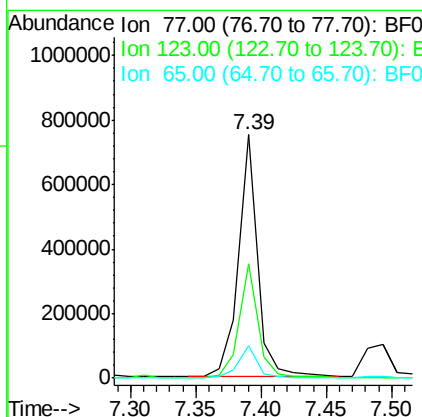
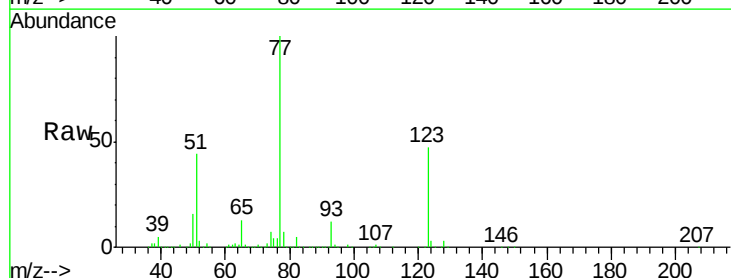
Instrument :
 BNA_F
 ClientSampleId :
 MW-01S-101916MSD

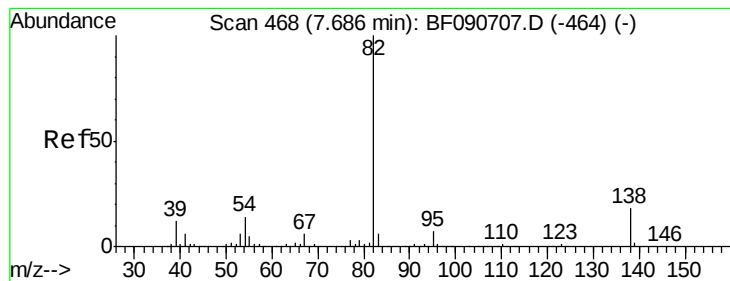
Tgt Ion: 82 Resp: 1498269
 Ion Ratio Lower Upper
 82 100
 128 44.6 51.0 76.6#
 54 44.8 47.5 71.3#



#24
 Nitrobenzene
 Concen: 39.70 ng
 RT: 7.39 min Scan# 464
 Delta R.T. 0.00 min
 Lab File: BF090812.D
 Acq: 25 Oct 2016 17:30

Tgt Ion: 77 Resp: 766261
 Ion Ratio Lower Upper
 77 100
 123 46.8 59.8 89.8#
 65 13.2 10.2 15.4





#25

Isophorone

Concen: 41.12 ng

RT: 7.63 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF090812.D

Acq: 25 Oct 2016 17:30

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MSD

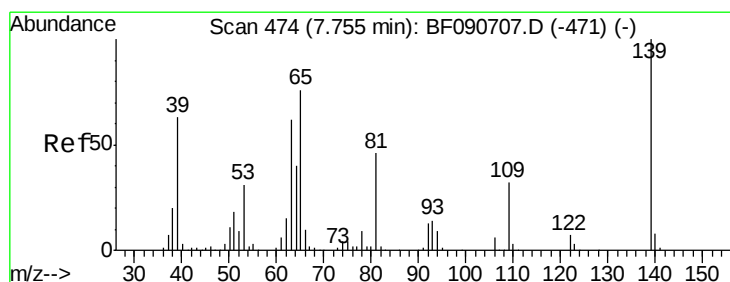
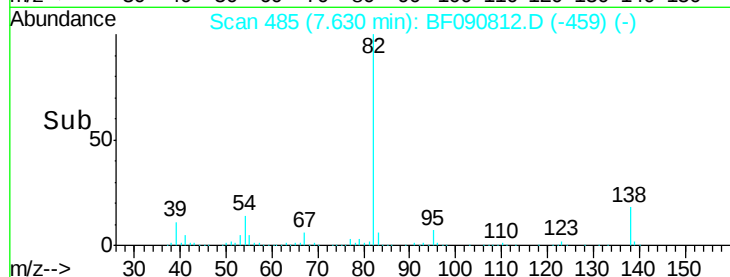
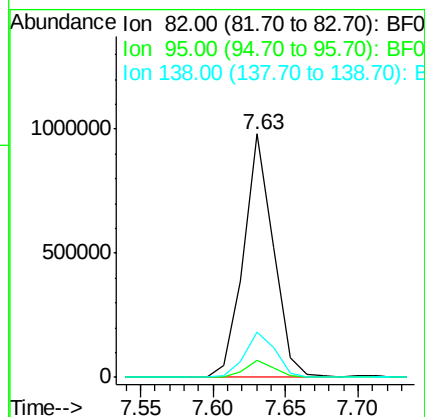
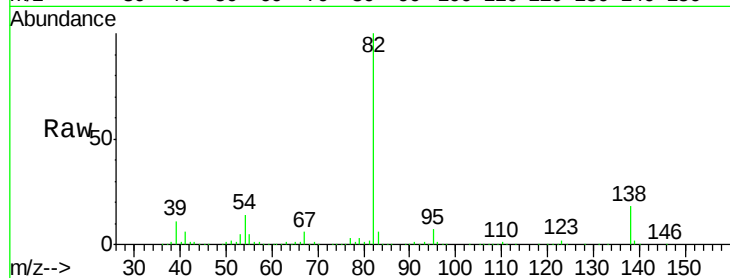
Tgt Ion: 82 Resp: 1385929

Ion Ratio Lower Upper

82 100

95 6.8 4.0 6.0#

138 18.3 18.3 27.5#



#26

2-Nitrophenol

Concen: 53.54 ng

RT: 7.71 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF090812.D

Acq: 25 Oct 2016 17:30

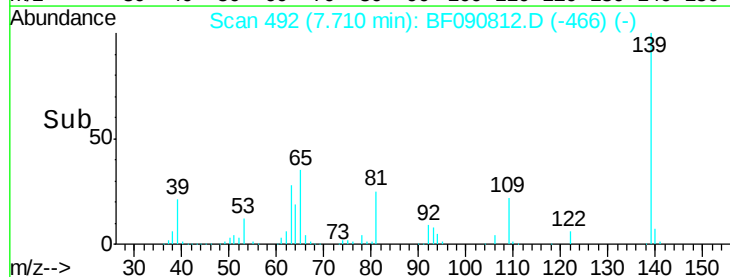
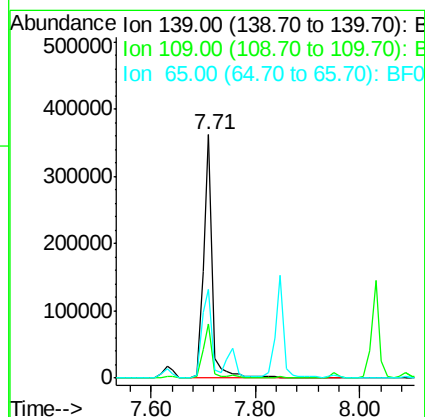
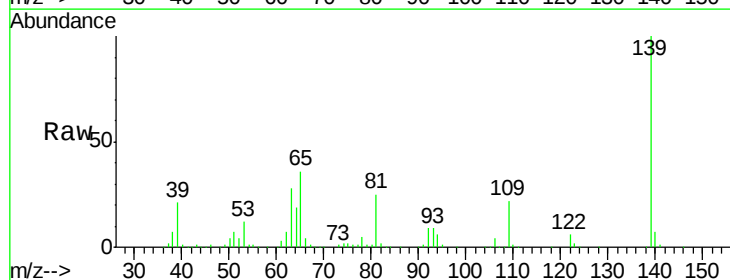
Tgt Ion: 139 Resp: 422198

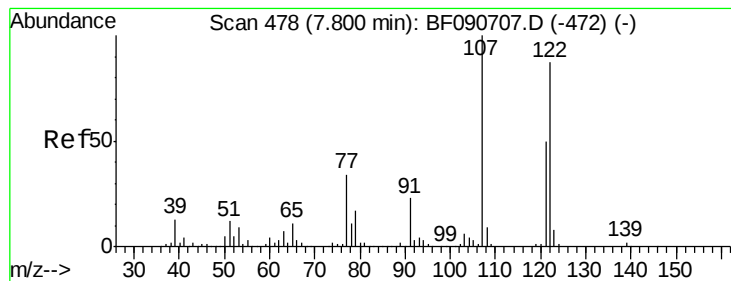
Ion Ratio Lower Upper

139 100

109 22.3 11.0 16.4#

65 36.2 24.7 37.1

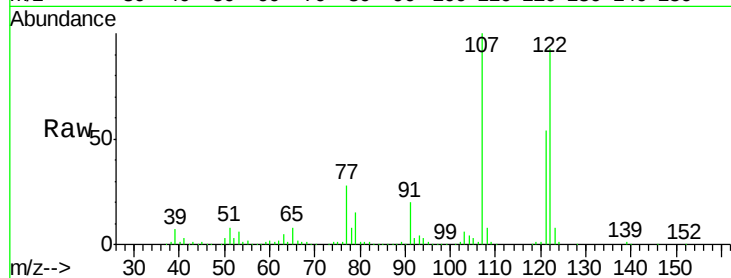




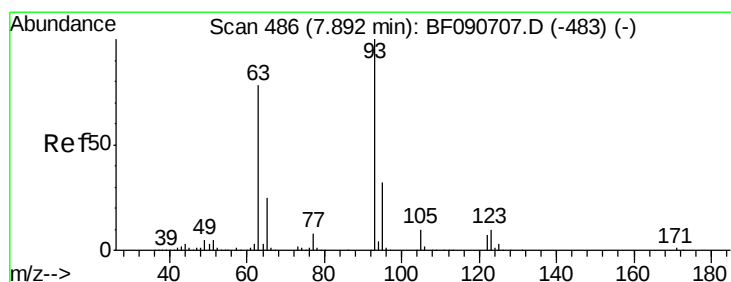
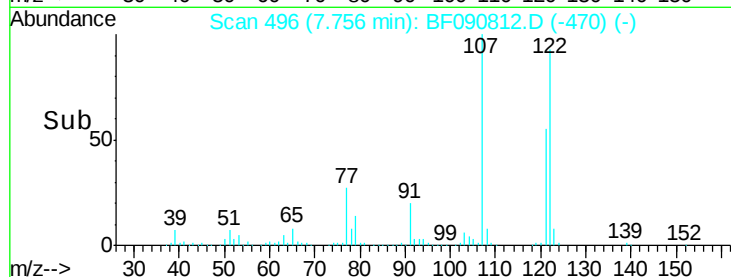
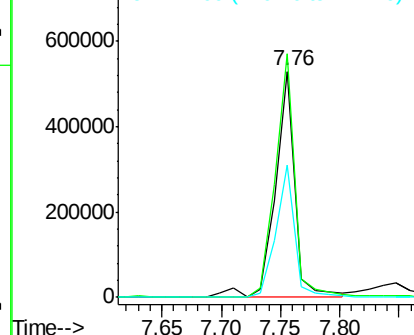
#27
 2,4-Dimethylphenol
 Concen: 43.74 ng
 RT: 7.76 min Scan# 496
 Delta R.T. 0.00 min
 Lab File: BF090812.D
 Acq: 25 Oct 2016 17:30

Instrument :
 BNA_F
 ClientSampleId :
 MW-01S-101916MSD

Tgt Ion:122 Resp: 611664
 Ion Ratio Lower Upper
 122 100
 107 107.8 71.8 107.6#
 121 58.6 42.3 63.5

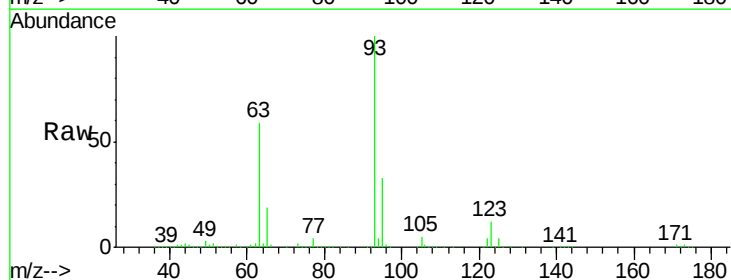


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

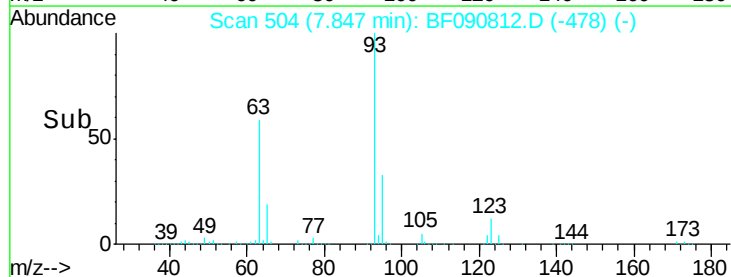
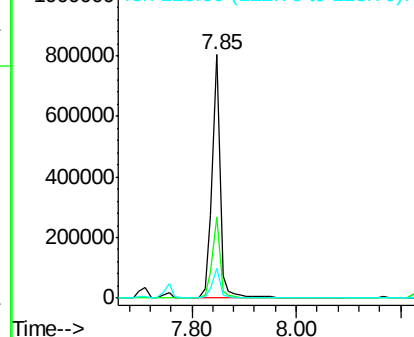


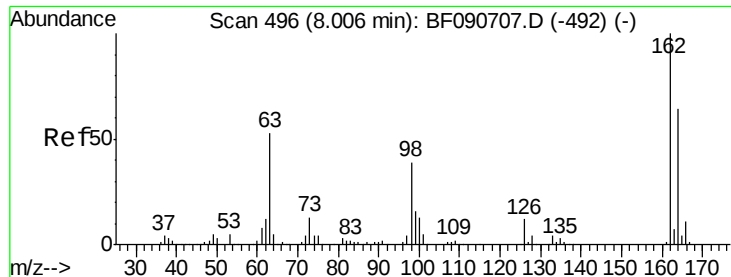
#28
 bis(2-Chloroethoxy)methane
 Concen: 46.93 ng
 RT: 7.85 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF090812.D
 Acq: 25 Oct 2016 17:30

Tgt Ion: 93 Resp: 865325
 Ion Ratio Lower Upper
 93 100
 95 33.0 27.5 41.3
 123 12.2 13.7 20.5#



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

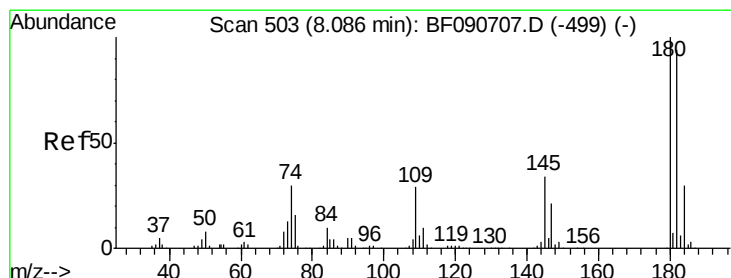
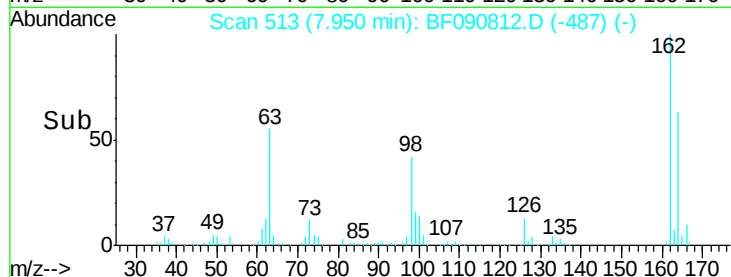
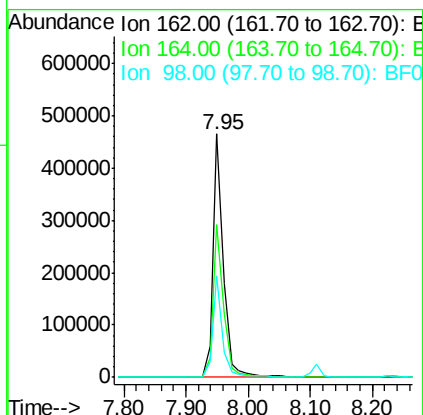
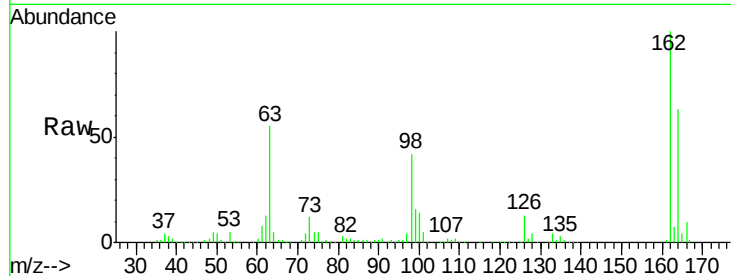




#29
 2,4-Dichlorophenol
 Concen: 46.69 ng
 RT: 7.95 min Scan# 513
 Delta R.T. 0.00 min
 Lab File: BF090812.D
 Acq: 25 Oct 2016 17:30

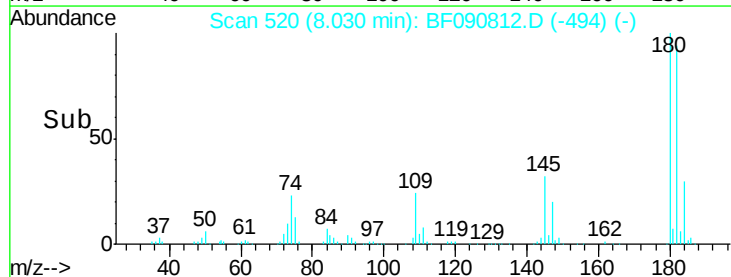
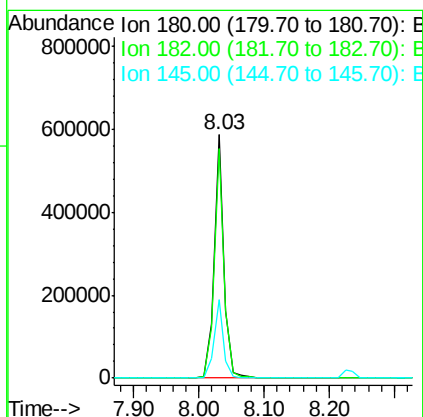
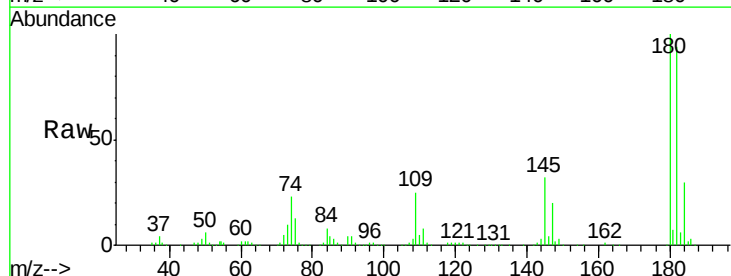
Instrument :
 BNA_F
 ClientSampleId :
 MW-01S-101916MSD

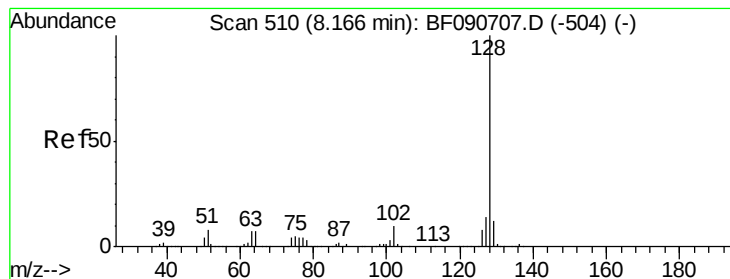
Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.8	44.9	84.9
98	41.8	13.0	53.0



#30
 1,2,4-Trichlorobenzene
 Concen: 46.65 ng
 RT: 8.03 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: BF090812.D
 Acq: 25 Oct 2016 17:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	77.1	115.7
145	32.2	23.3	34.9





#31

Naphthalene

Concen: 40.00 ng

RT: 8.11 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF090812.D

Acq: 25 Oct 2016 17:30

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MSD

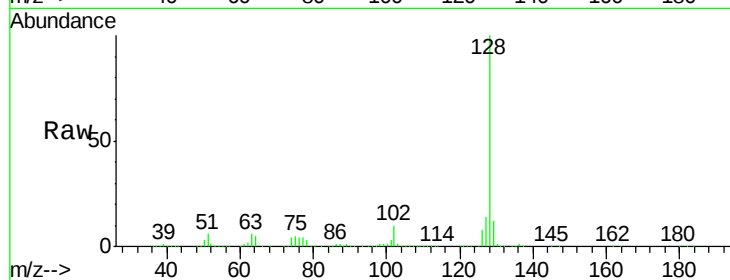
Tgt Ion:128 Resp: 1910989

Ion Ratio Lower Upper

128 100

129 11.9 8.4 12.6

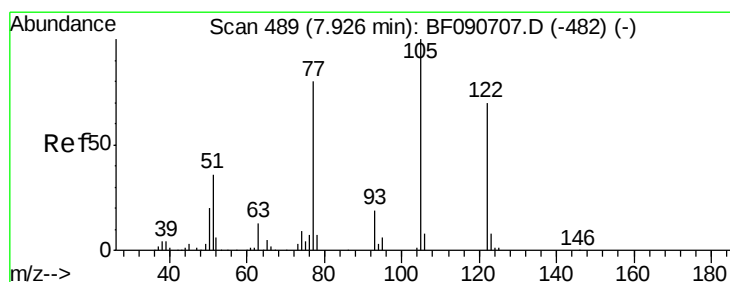
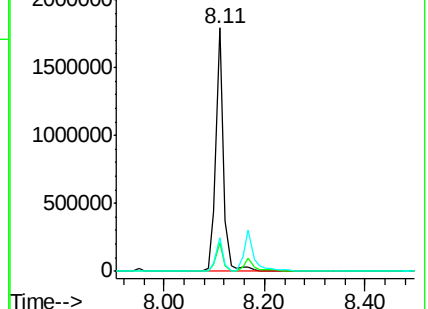
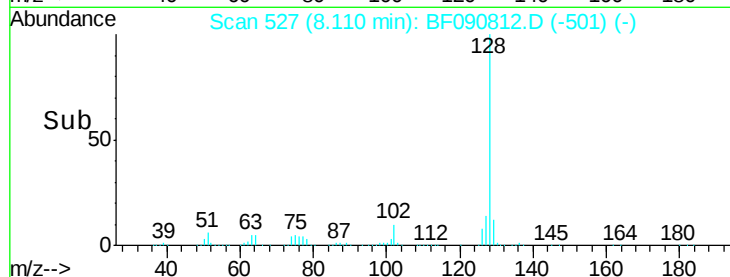
127 13.9 9.9 14.9



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: 15.59 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.06 min

Lab File: BF090812.D

Acq: 25 Oct 2016 17:30

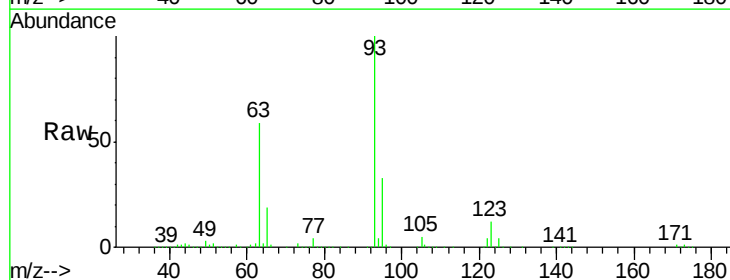
Tgt Ion:122 Resp: 94035

Ion Ratio Lower Upper

122 100

105 113.7 76.1 116.1

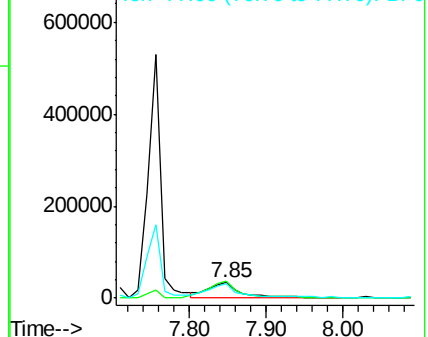
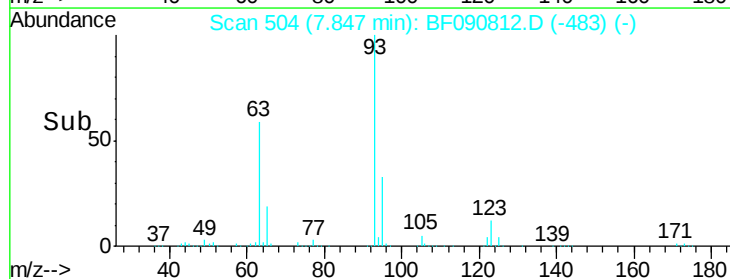
77 89.8 40.5 80.5#

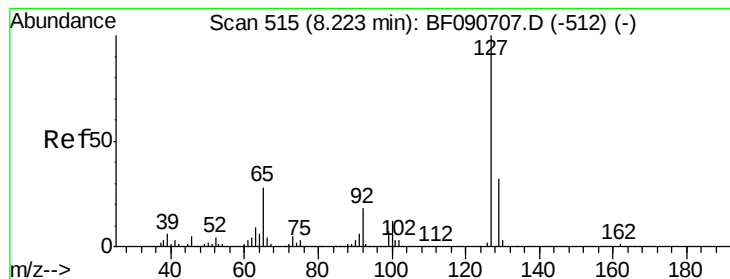


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 24.95 ng

RT: 8.17 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF090812.D

Acq: 25 Oct 2016 17:30

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MSD

Tgt Ion:127 Resp: 442095

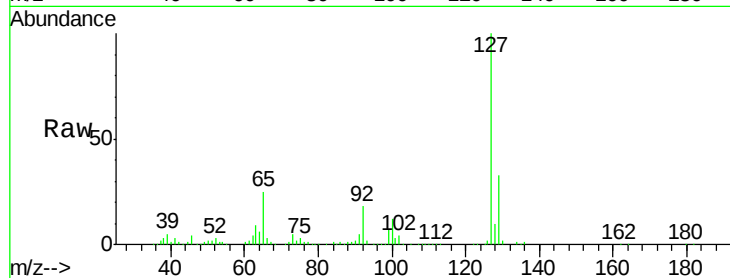
Ion Ratio Lower Upper

127 100

129 32.9 25.8 38.6

65 25.3 17.9 26.9

92 17.6 10.5 15.7#

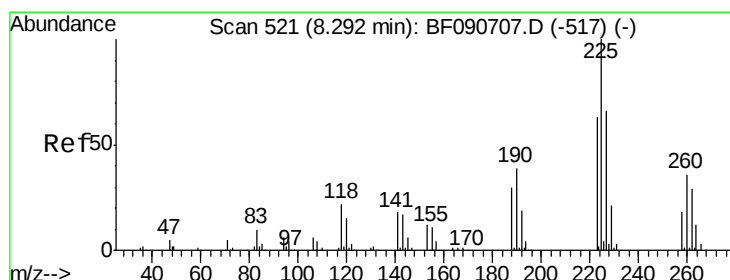
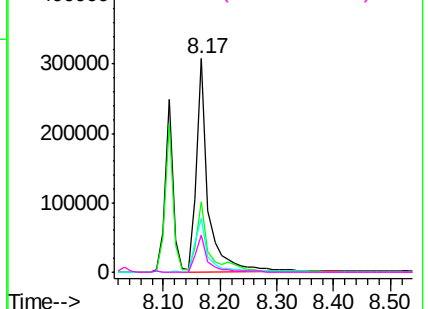
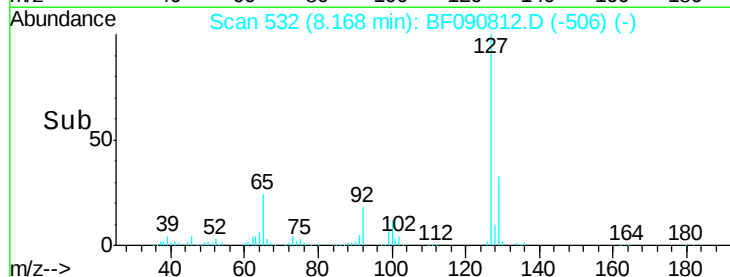


Abundance Ion 127.00 (126.70 to 127.70): E

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: 46.96 ng

RT: 8.24 min Scan# 538

Delta R.T. 0.00 min

Lab File: BF090812.D

Acq: 25 Oct 2016 17:30

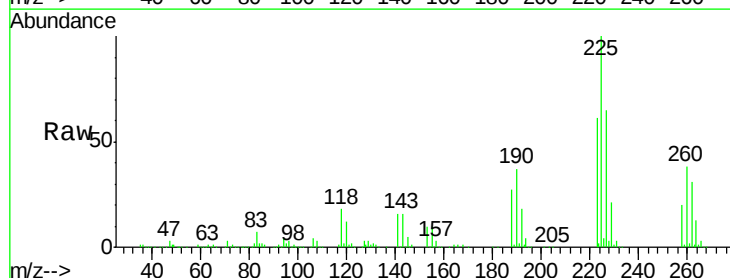
Tgt Ion:225 Resp: 356602

Ion Ratio Lower Upper

225 100

223 61.5 50.2 75.2

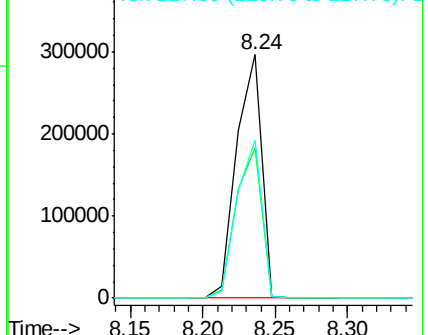
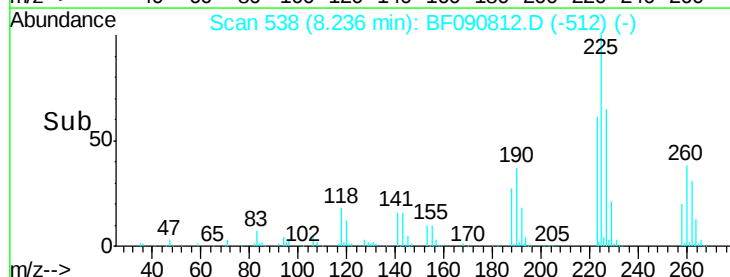
227 65.0 52.2 78.2

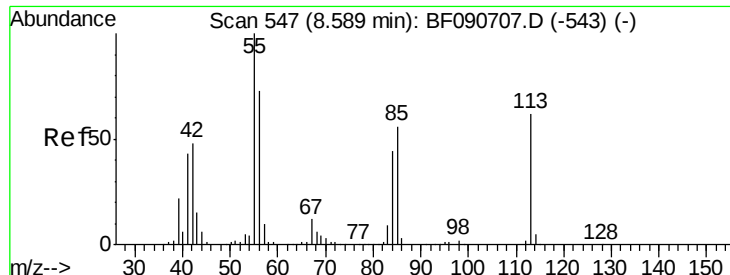


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

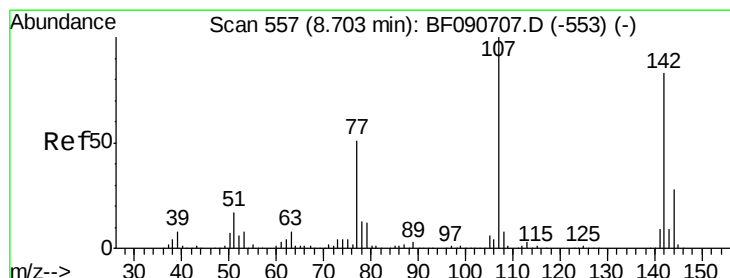
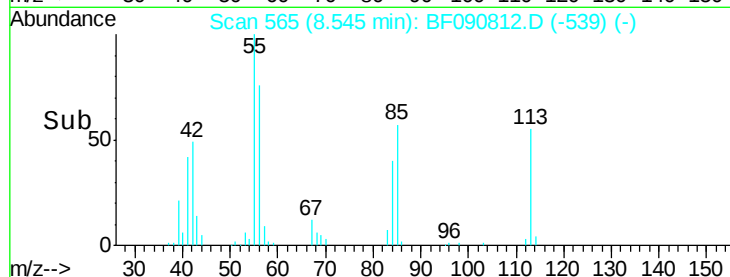
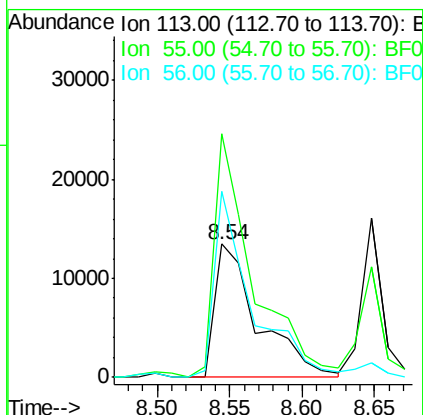
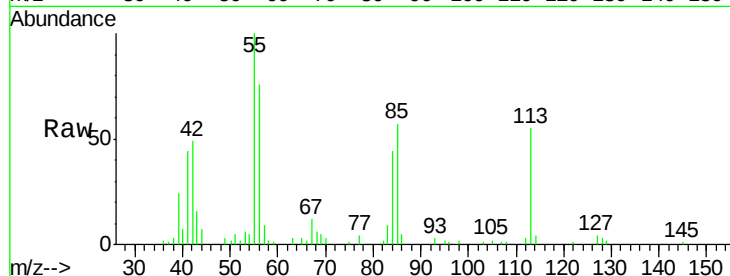




#35
 Caprolactam
 Concen: 8.50 ng
 RT: 8.54 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: BF090812.D
 Acq: 25 Oct 2016 17:30

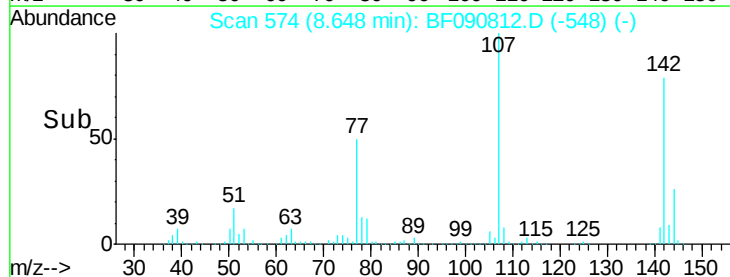
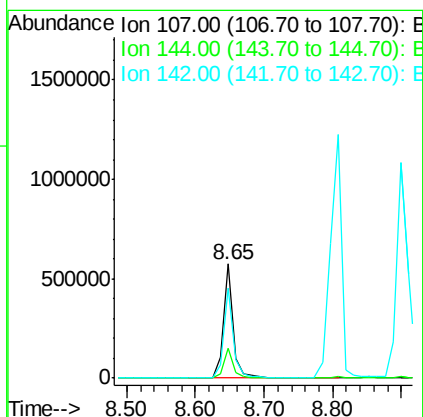
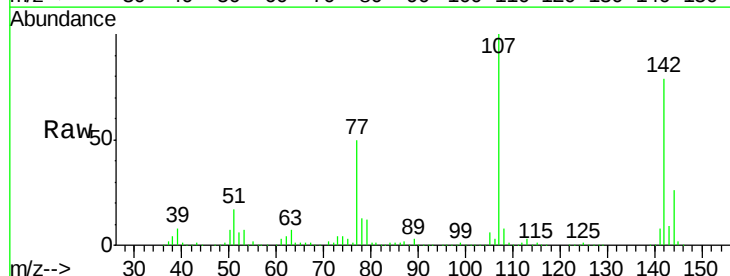
Instrument :
 BNA_F
 ClientSampleId :
 MW-01S-101916MSD

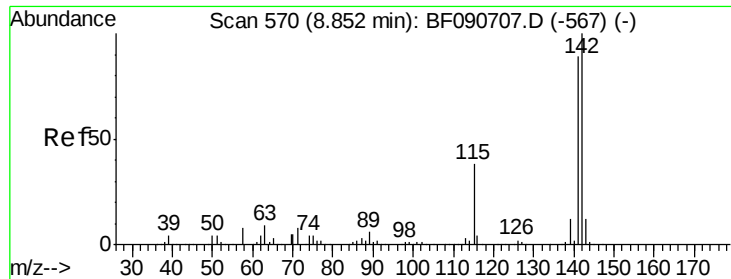
Tgt Ion:113 Resp: 27872
 Ion Ratio Lower Upper
 113 100
 55 182.5 152.4 192.4
 56 139.0 104.6 144.6



#36
 4-Chloro-3-methylphenol
 Concen: 43.41 ng
 RT: 8.65 min Scan# 574
 Delta R.T. 0.00 min
 Lab File: BF090812.D
 Acq: 25 Oct 2016 17:30

Tgt Ion:107 Resp: 579404
 Ion Ratio Lower Upper
 107 100
 144 26.0 25.4 38.0
 142 78.9 77.3 115.9





#37

2-Methylnaphthalene

Concen: 50.51 ng

RT: 8.81 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF090812.D

Acq: 25 Oct 2016 17:30

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MSD

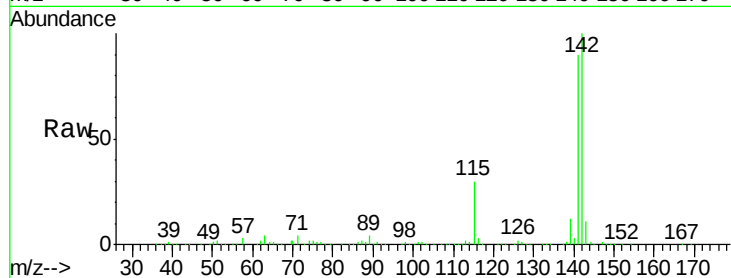
Tgt Ion:142 Resp: 1410213

Ion Ratio Lower Upper

142 100

141 89.5 67.5 101.3

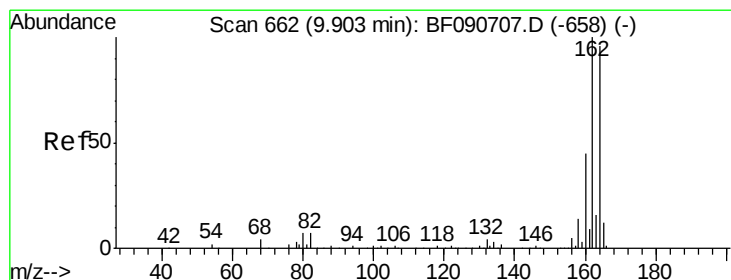
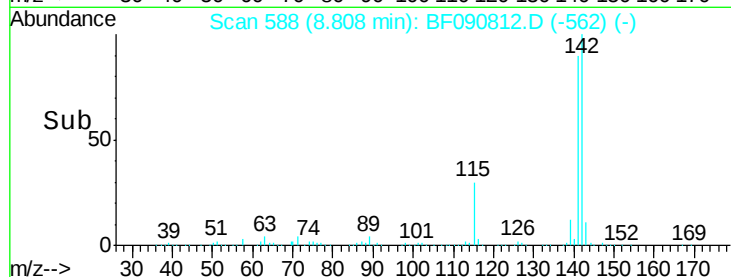
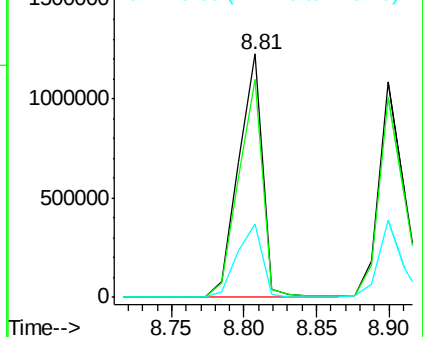
115 30.2 18.2 27.2#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 679

Delta R.T. 0.00 min

Lab File: BF090812.D

Acq: 25 Oct 2016 17:30

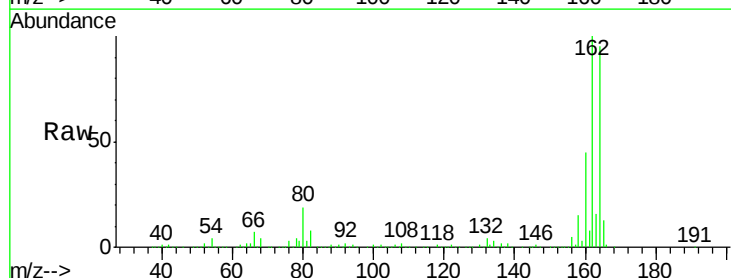
Tgt Ion:164 Resp: 549770

Ion Ratio Lower Upper

164 100

162 105.5 75.2 112.8

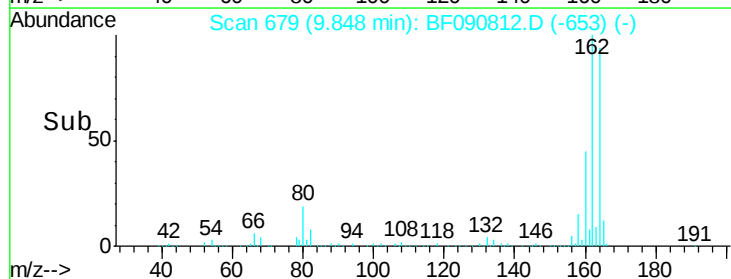
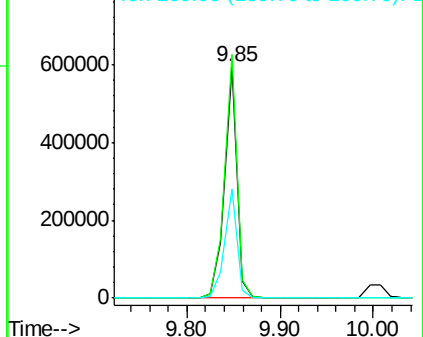
160 47.3 31.5 47.3

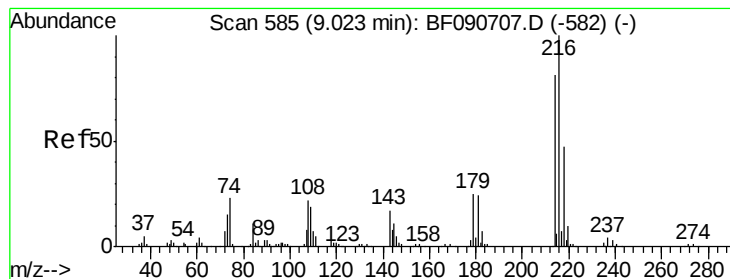


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.94 ng

RT: 8.97 min Scan# 602

Delta R.T. 0.00 min

Lab File: BF090812.D

Acq: 25 Oct 2016 17:30

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MSD

Tgt Ion:216 Resp: 622670

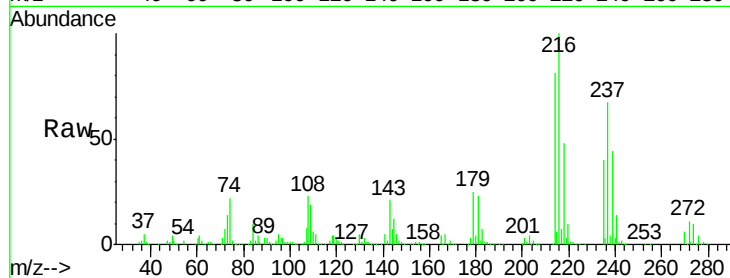
Ion Ratio Lower Upper

216 100

214 78.4 63.5 95.3

179 21.1 16.6 24.8

108 18.4 16.3 24.5

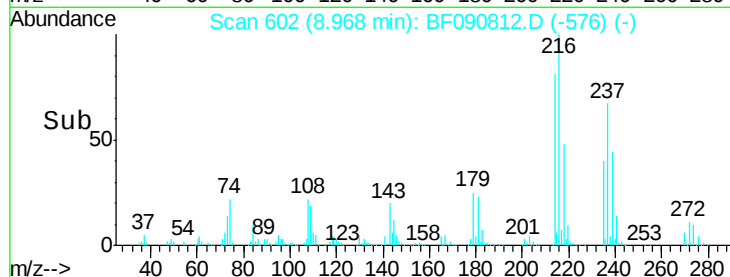


Abundance Ion 216.00 (215.70 to 216.70): E

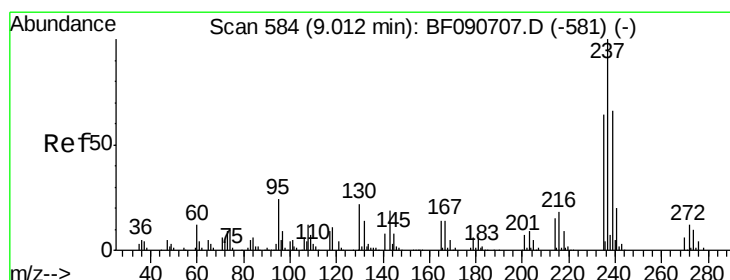
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time--> 8.80 8.90 9.00 9.10 9.20



#40

Hexachlorocyclopentadiene

Concen: 91.08 ng

RT: 8.96 min Scan# 601

Delta R.T. 0.00 min

Lab File: BF090812.D

Acq: 25 Oct 2016 17:30

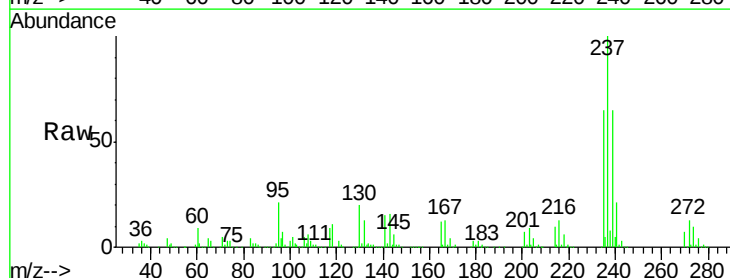
Tgt Ion:237 Resp: 634731

Ion Ratio Lower Upper

237 100

235 65.5 42.0 82.0

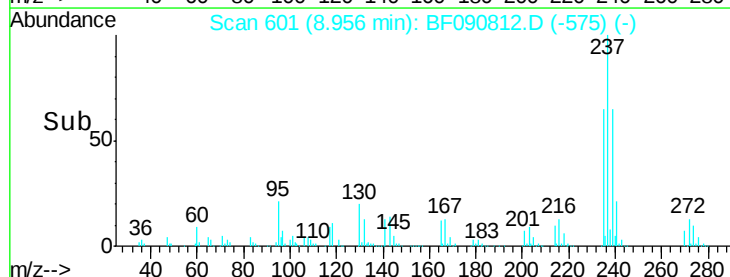
272 13.1 0.0 36.1



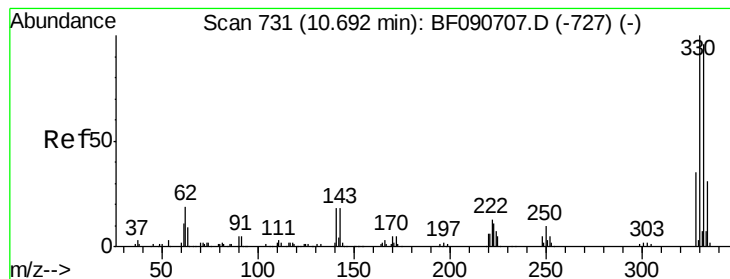
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



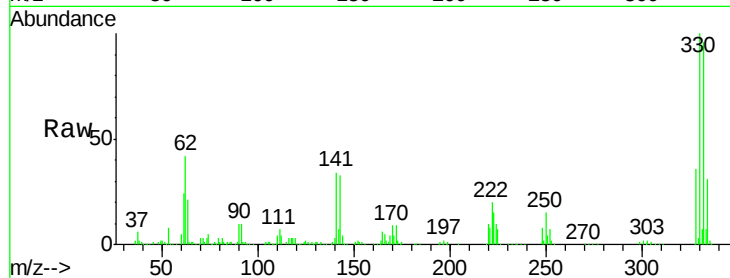
Time--> 8.90 9.00



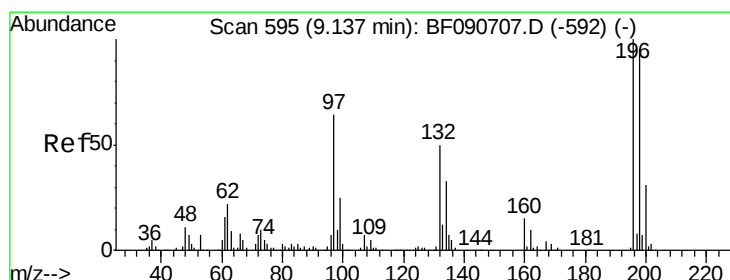
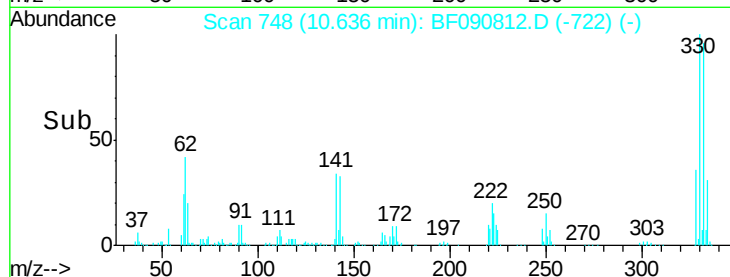
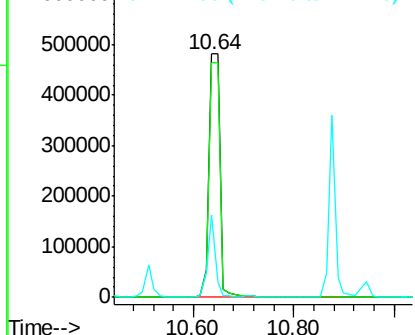
#41
 2,4,6-Tribromophenol
 Concen: 169.79 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF090812.D
 Acq: 25 Oct 2016 17:30

Instrument :
 BNA_F
 ClientSampleId :
 MW-01S-101916MSD

Tgt Ion:330 Resp: 738813
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 114.8
 141 23.3 29.7 44.5#

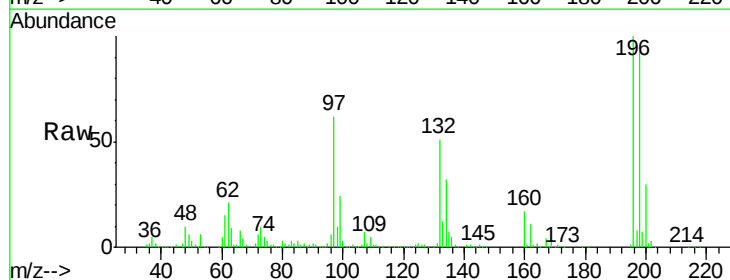


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

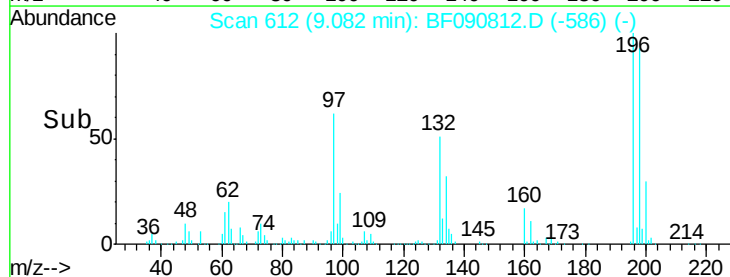
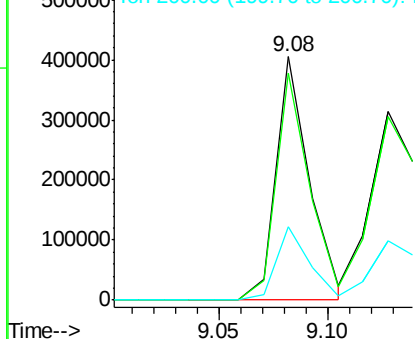


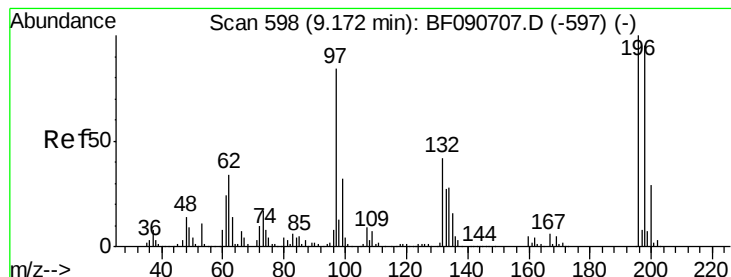
#42
 2,4,6-Trichlorophenol
 Concen: 47.20 ng
 RT: 9.08 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF090812.D
 Acq: 25 Oct 2016 17:30

Tgt Ion:196 Resp: 434543
 Ion Ratio Lower Upper
 196 100
 198 93.1 75.7 113.5
 200 29.9 23.9 35.9



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: 52.22 ng

RT: 9.13 min Scan# 616

Delta R.T. 0.00 min

Lab File: BF090812.D

Acq: 25 Oct 2016 17:30

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MSD

Tgt Ion:196 Resp: 487835

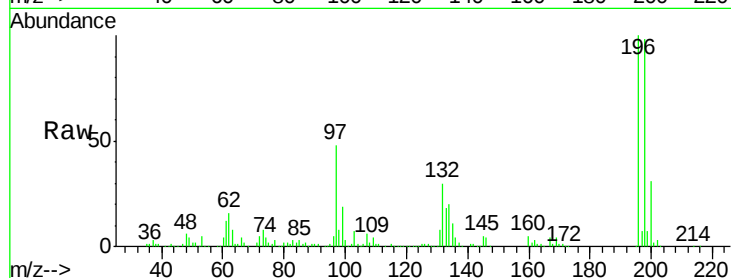
Ion Ratio Lower Upper

196 100

198 97.6 75.4 113.0

97 47.9 33.3 49.9

132 29.6 24.6 37.0

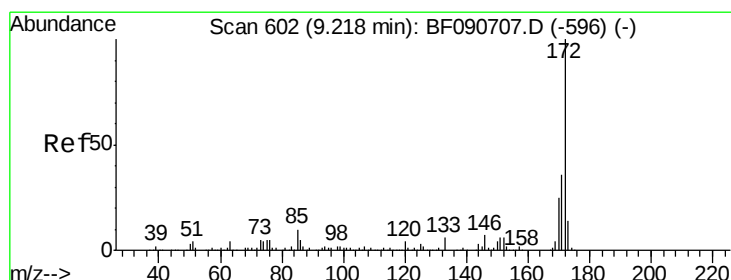
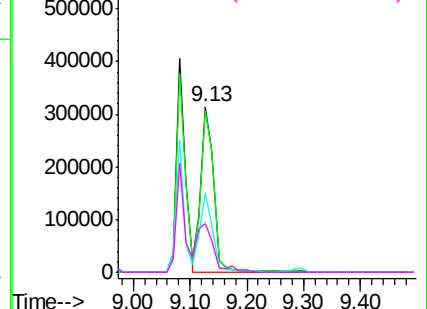
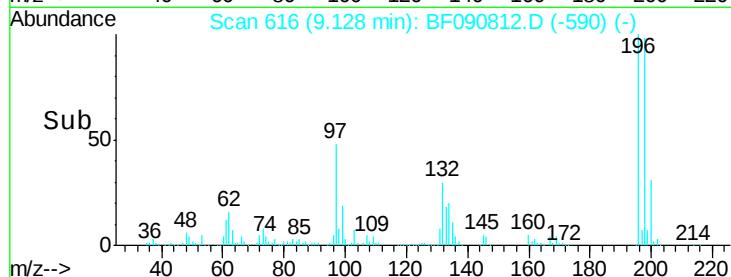


Abundance Ion 196.00 (195.70 to 196.70): E

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: 73.21 ng

RT: 9.17 min Scan# 620

Delta R.T. 0.00 min

Lab File: BF090812.D

Acq: 25 Oct 2016 17:30

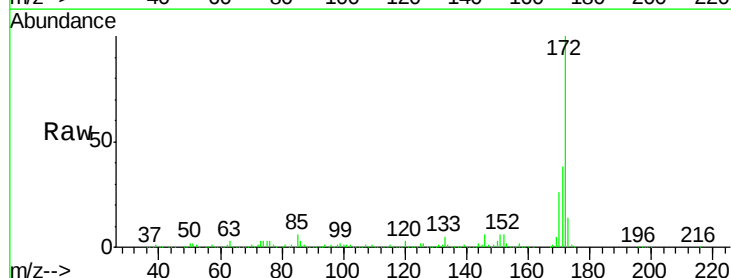
Tgt Ion:172 Resp: 2592885

Ion Ratio Lower Upper

172 100

171 37.8 26.1 39.1

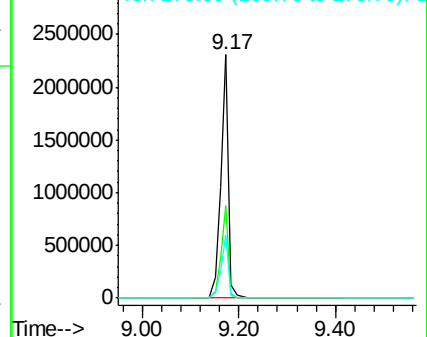
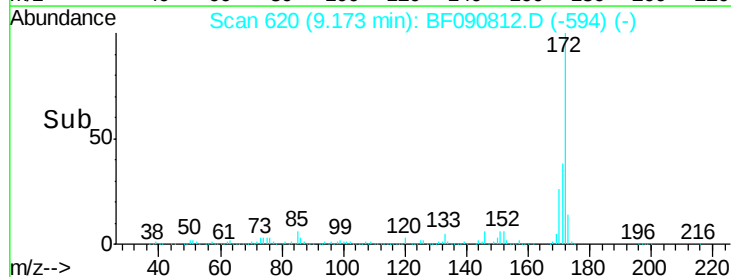
170 25.7 17.4 26.2

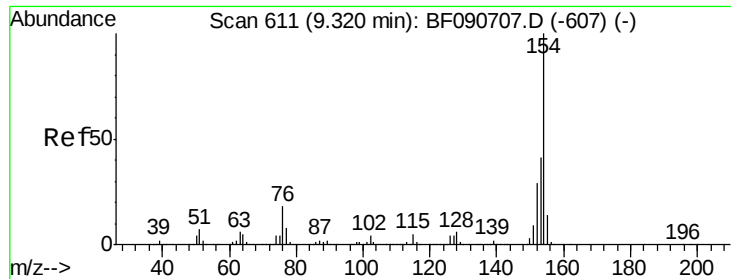


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

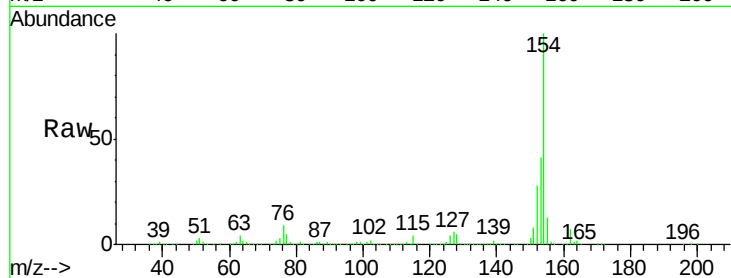




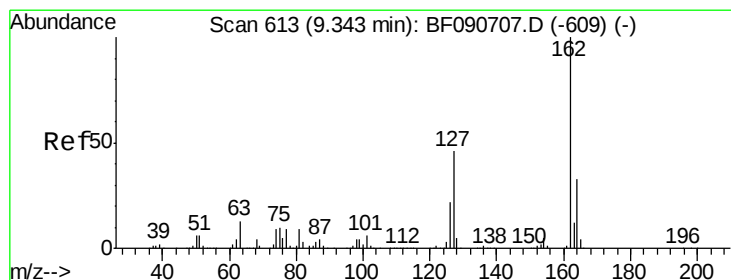
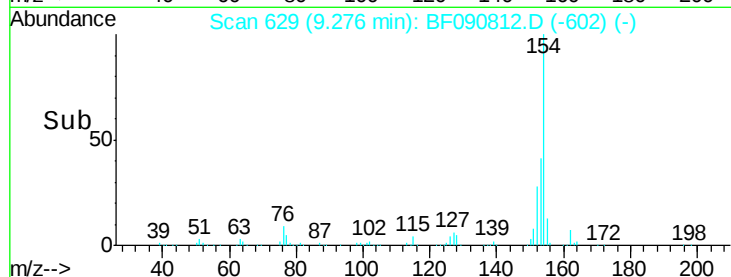
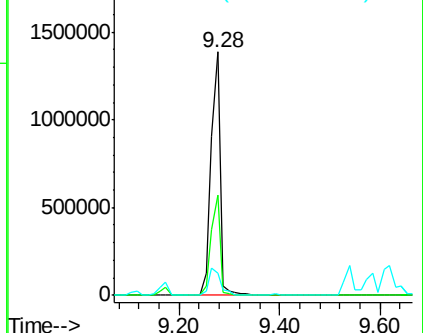
#45
 1,1'-Biphenyl
 Concen: 40.79 ng
 RT: 9.28 min Scan# 629
 Delta R.T. 0.01 min
 Lab File: BF090812.D
 Acq: 25 Oct 2016 17:30

Instrument :
 BNA_F
 ClientSampleId :
 MW-01S-101916MSD

Tgt Ion:154 Resp: 1761232
 Ion Ratio Lower Upper
 154 100
 153 41.3 17.1 57.1
 76 9.2 0.0 31.6

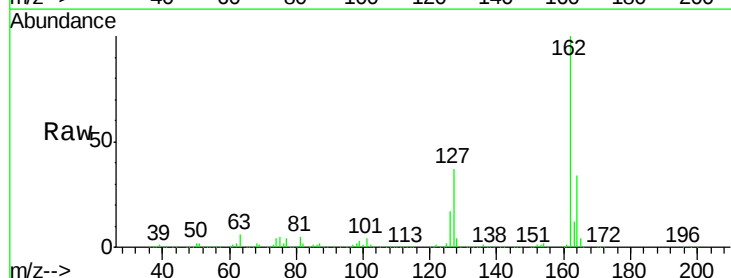


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

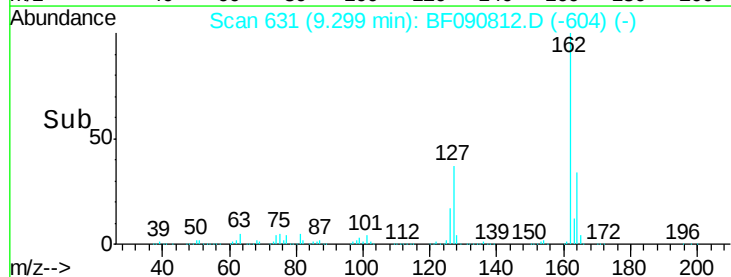
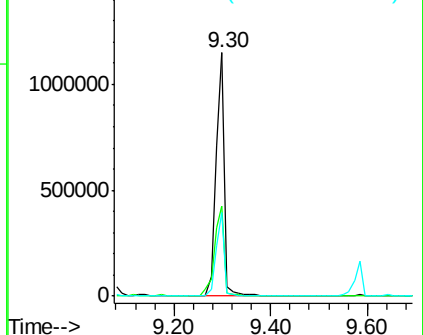


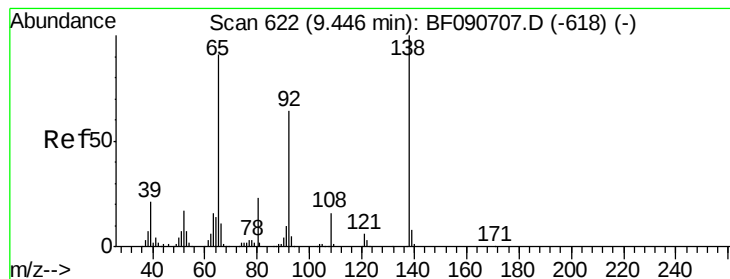
#46
 2-Chloronaphthalene
 Concen: 44.37 ng
 RT: 9.30 min Scan# 631
 Delta R.T. 0.01 min
 Lab File: BF090812.D
 Acq: 25 Oct 2016 17:30

Tgt Ion:162 Resp: 1423952
 Ion Ratio Lower Upper
 162 100
 127 36.8 27.6 41.4
 164 34.2 25.4 38.2



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: 35.00 ng

RT: 9.39 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF090812.D

Acq: 25 Oct 2016 17:30

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MSD

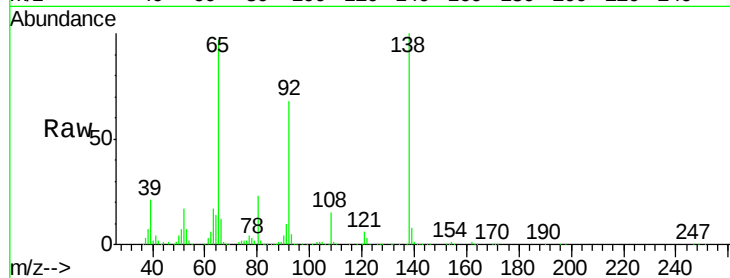
Tgt Ion: 65 Resp: 372805

Ion Ratio Lower Upper

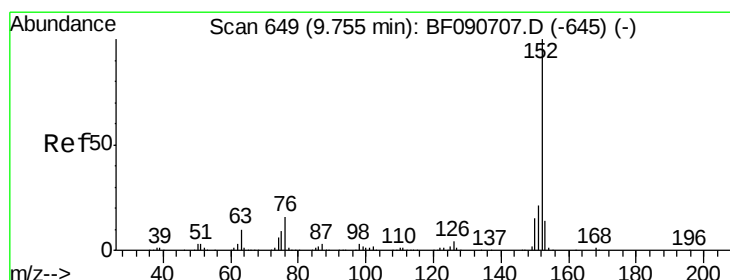
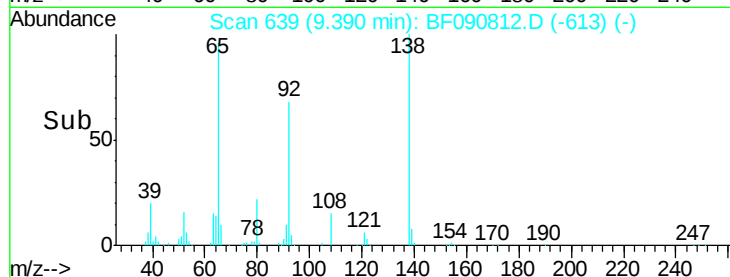
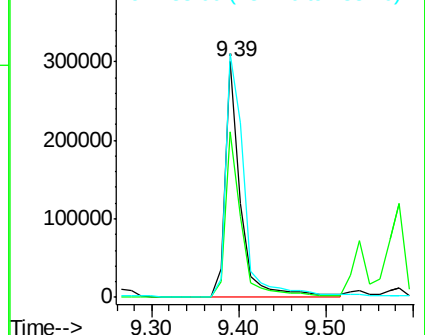
65 100

92 70.2 55.4 83.0

138 103.2 115.5 173.3#



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: 41.10 ng

RT: 9.71 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF090812.D

Acq: 25 Oct 2016 17:30

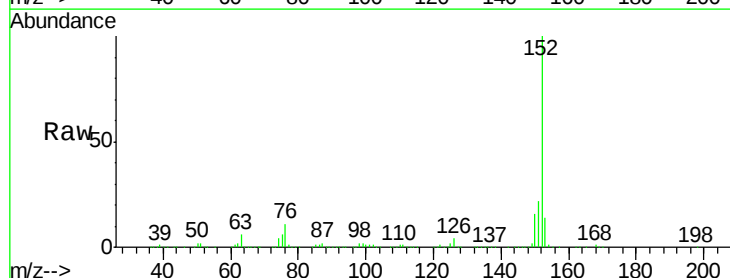
Tgt Ion: 152 Resp: 2012596

Ion Ratio Lower Upper

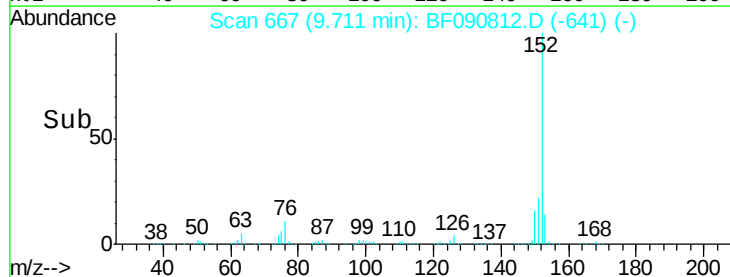
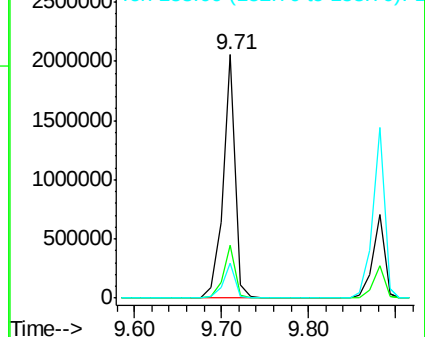
152 100

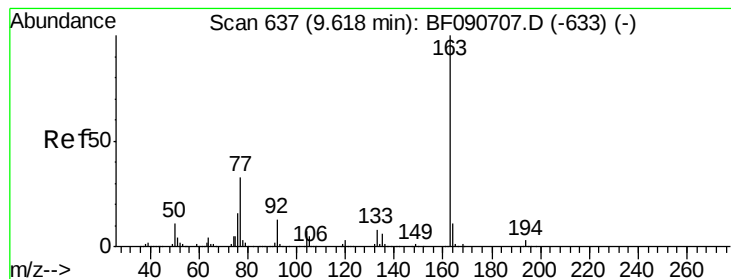
151 21.7 14.6 22.0

153 14.2 10.3 15.5



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: 50.81 ng

RT: 9.58 min Scan# 656

Delta R.T. 0.01 min

Lab File: BF090812.D

Acq: 25 Oct 2016 17:30

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MSD

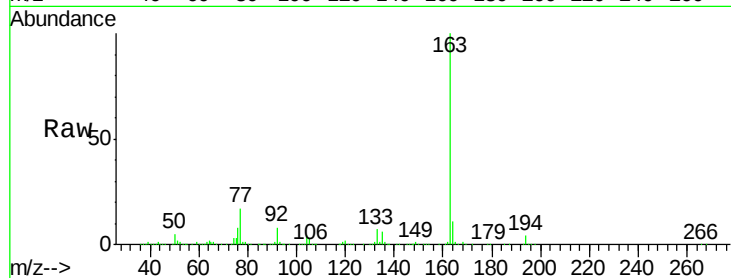
Tgt Ion:163 Resp: 1755138

Ion Ratio Lower Upper

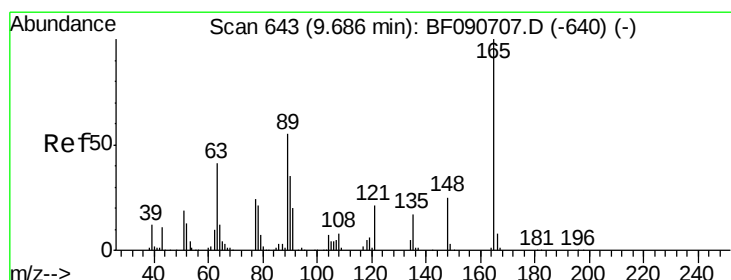
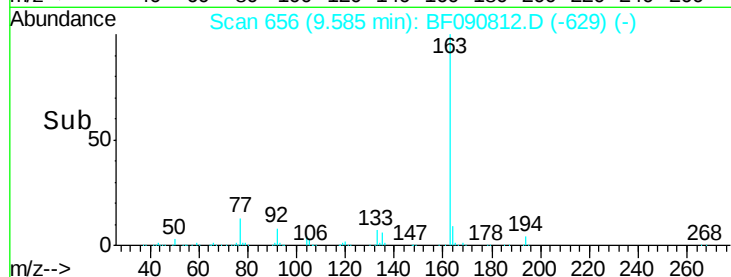
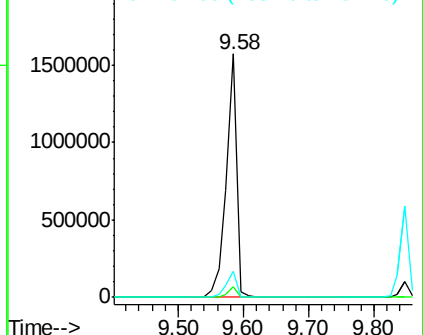
163 100

194 4.2 4.4 6.6#

164 10.7 8.3 12.5



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: 55.07 ng

RT: 9.64 min Scan# 661

Delta R.T. 0.01 min

Lab File: BF090812.D

Acq: 25 Oct 2016 17:30

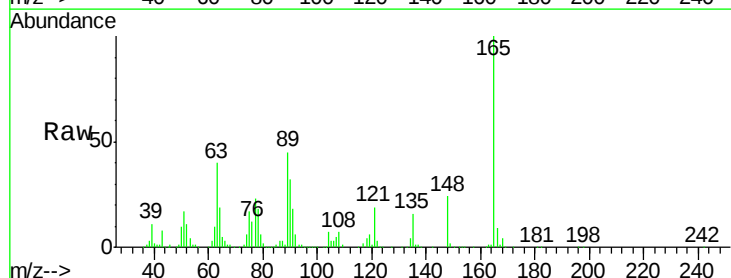
Tgt Ion:165 Resp: 409147

Ion Ratio Lower Upper

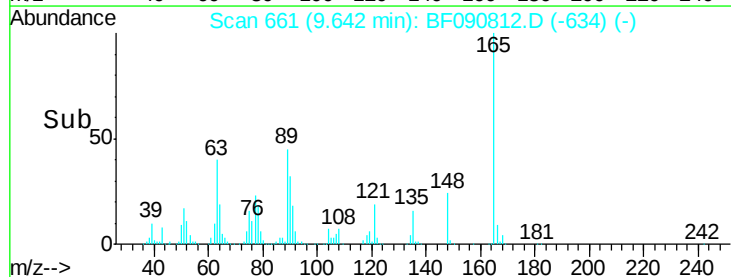
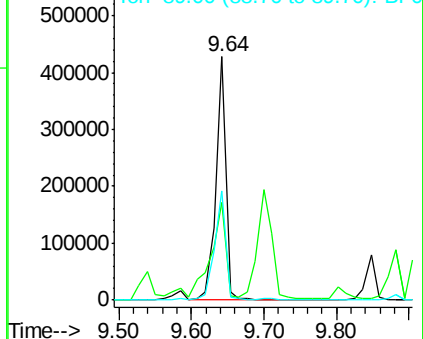
165 100

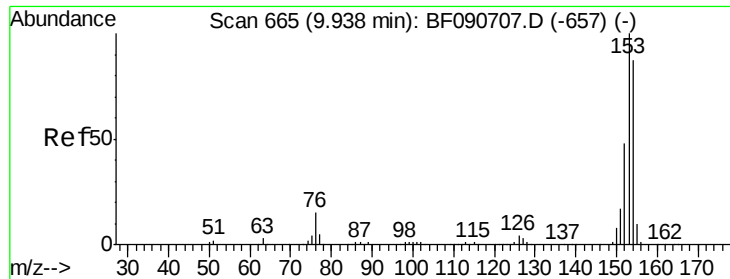
63 40.1 32.3 48.5

89 44.9 28.6 43.0#



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: 37.89 ng

RT: 9.88 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF090812.D

Acq: 25 Oct 2016 17:30

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MSD

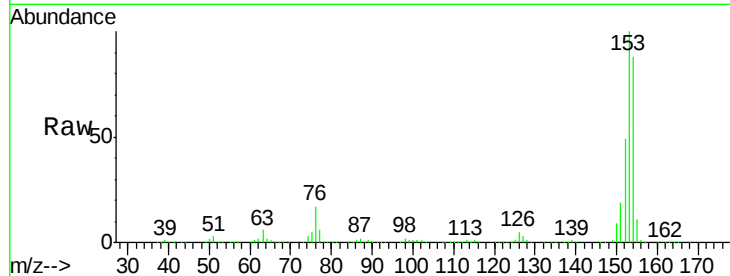
Tgt Ion:154 Resp: 1231597

Ion Ratio Lower Upper

154 100

153 113.3 82.1 123.1

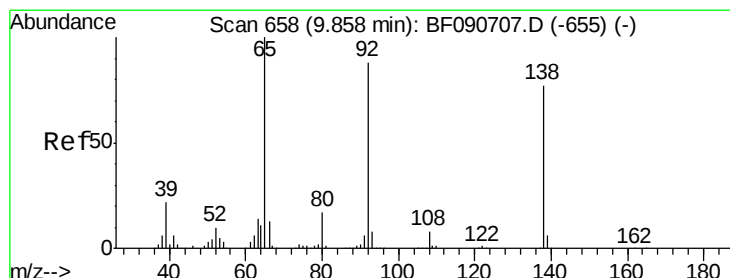
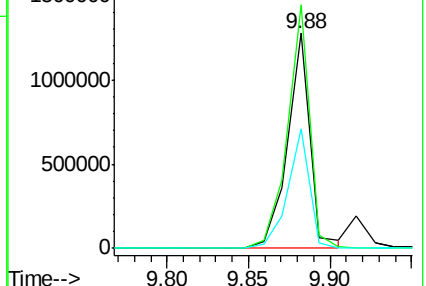
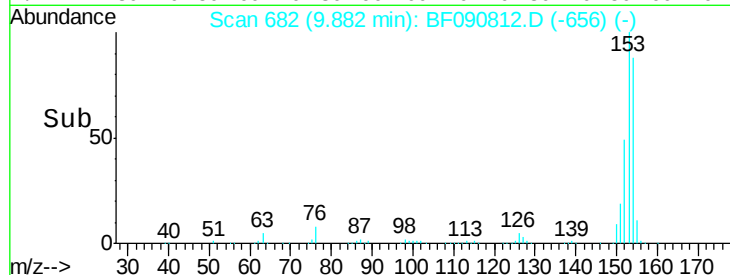
152 55.3 37.9 56.9



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: 22.23 ng

RT: 9.80 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF090812.D

Acq: 25 Oct 2016 17:30

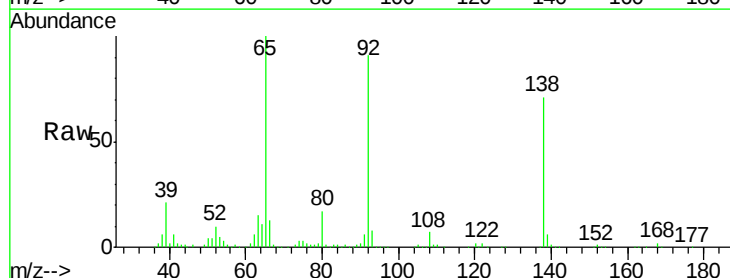
Tgt Ion:138 Resp: 189861

Ion Ratio Lower Upper

138 100

108 10.6 5.7 8.5#

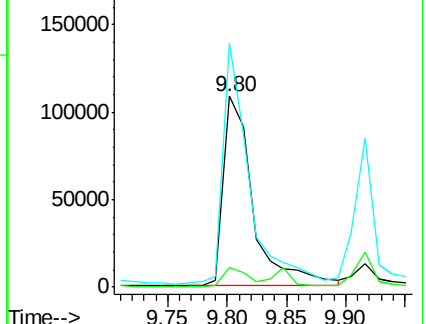
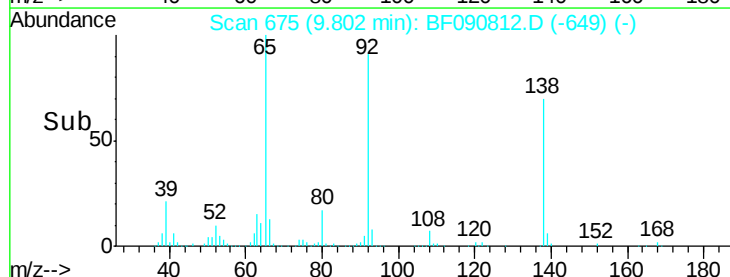
92 127.4 67.7 101.5#

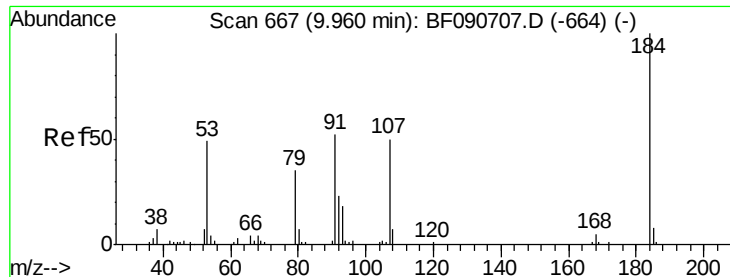


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

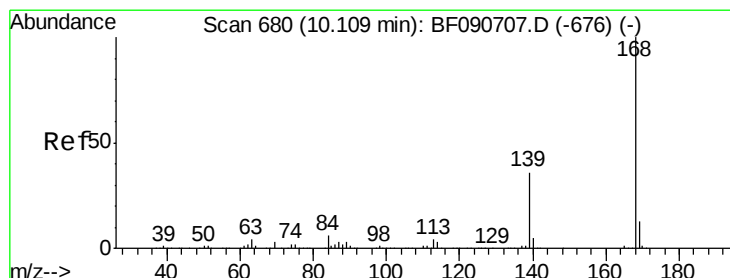
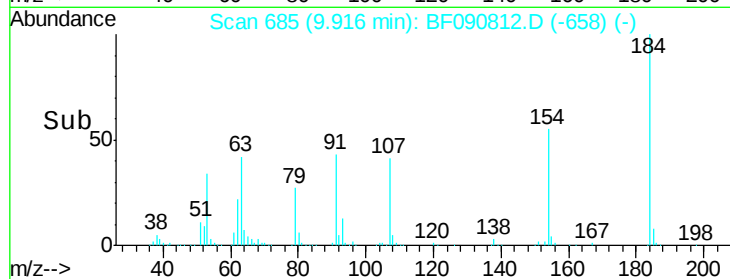
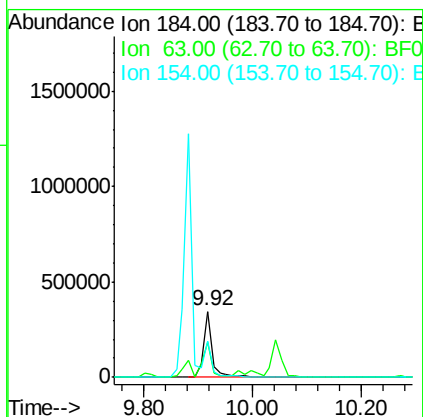
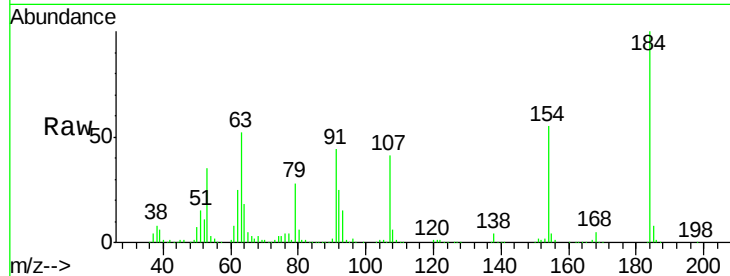




#53
2,4-Dinitrophenol
Concen: 86.35 ng
RT: 9.92 min Scan# 685
Delta R.T. 0.01 min
Lab File: BF090812.D
Acq: 25 Oct 2016 17:30

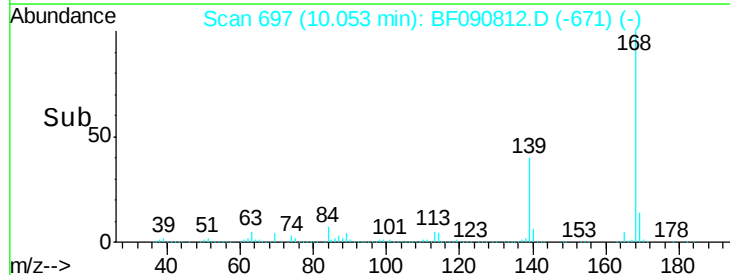
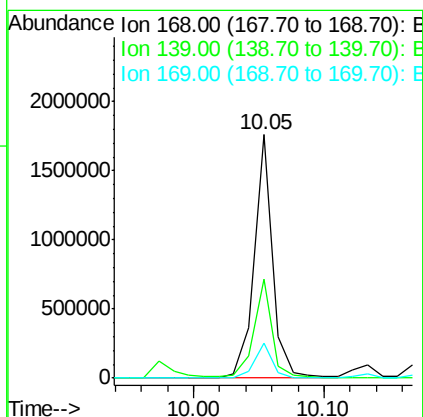
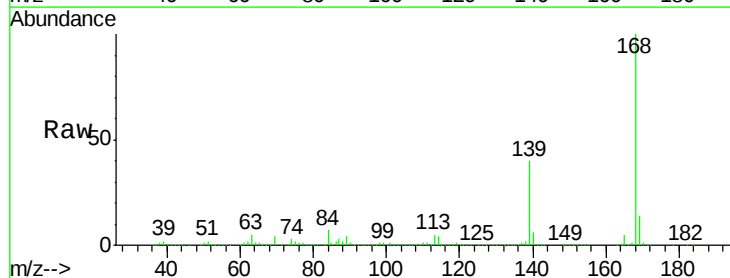
Instrument :
BNA_F
ClientSampleId :
MW-01S-101916MSD

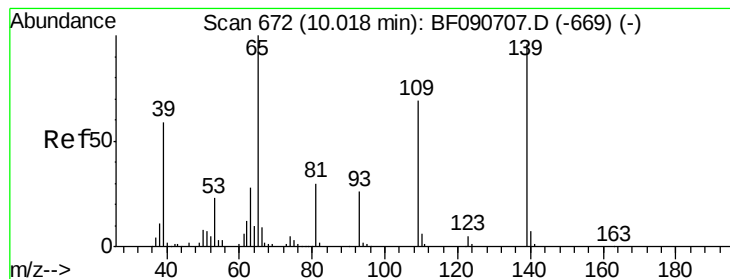
Tgt Ion:184 Resp: 382528
Ion Ratio Lower Upper
184 100
63 52.3 35.4 53.2
154 55.3 32.2 48.4#



#54
Dibenzofuran
Concen: 43.95 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF090812.D
Acq: 25 Oct 2016 17:30

Tgt Ion:168 Resp: 1730583
Ion Ratio Lower Upper
168 100
139 40.4 24.2 36.2#
169 14.4 10.6 15.8





#55

4-Nitrophenol

Concen: 32.10 ng

RT: 9.97 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF090812.D

Acq: 25 Oct 2016 17:30

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MSD

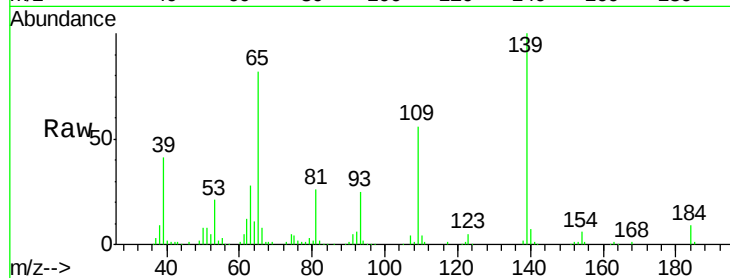
Tgt Ion:139 Resp: 148280

Ion Ratio Lower Upper

139 100

109 56.5 12.7 52.7#

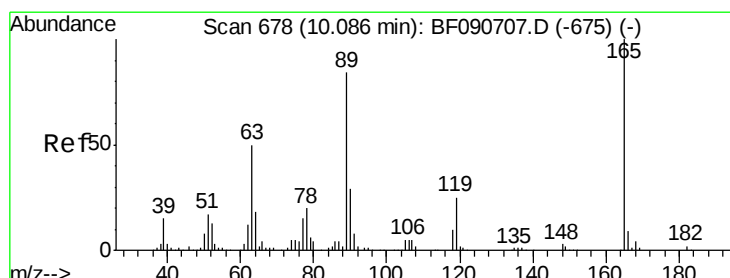
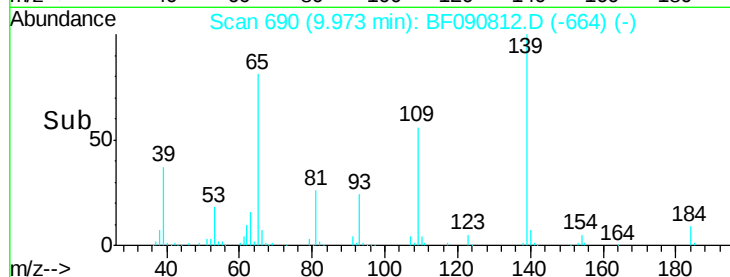
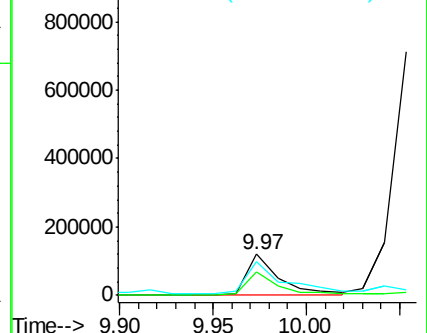
65 82.4 45.9 85.9



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: 48.91 ng

RT: 10.04 min Scan# 696

Delta R.T. 0.00 min

Lab File: BF090812.D

Acq: 25 Oct 2016 17:30

Tgt Ion:165 Resp: 444053

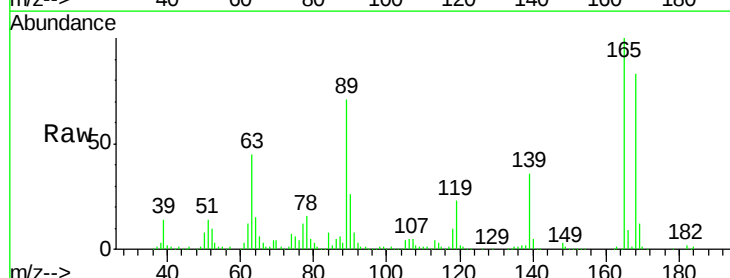
Ion Ratio Lower Upper

165 100

63 44.7 29.8 44.6#

89 70.9 44.5 66.7#

182 2.2 3.0 4.4#

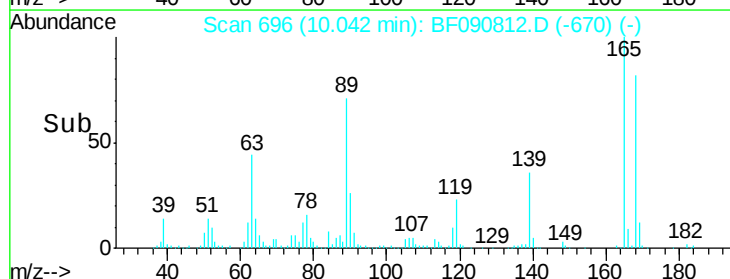
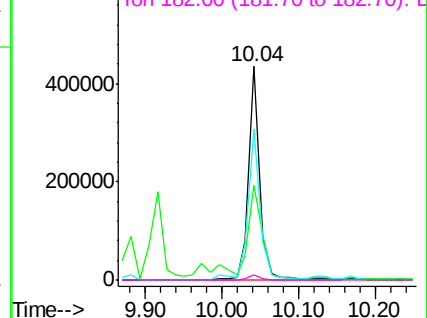


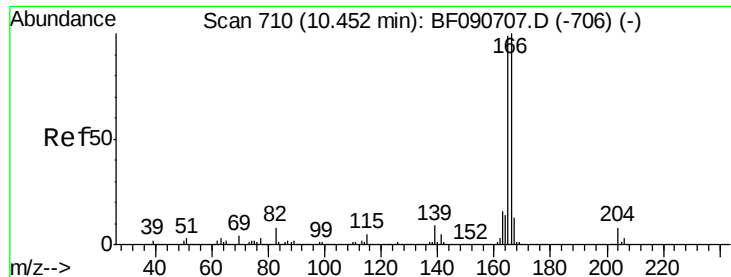
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

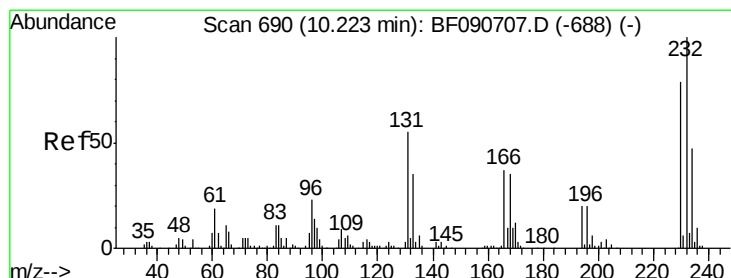
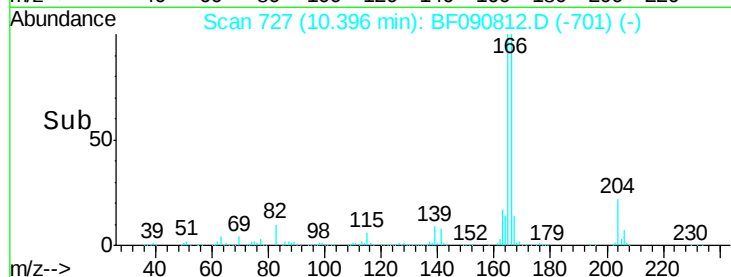
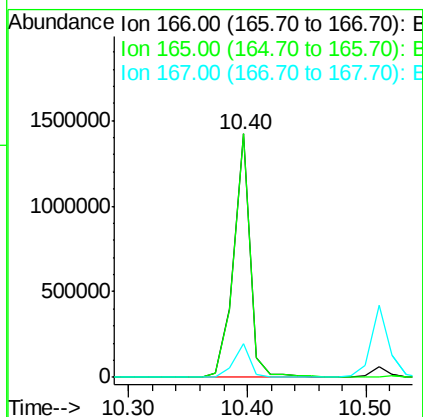
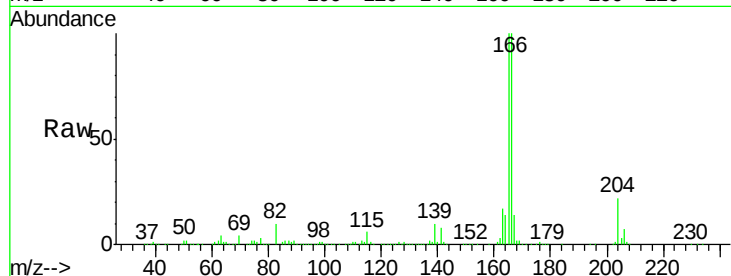




#57
Fluorene
 Concen: 42.40 ng
 RT: 10.40 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: BF090812.D
 Acq: 25 Oct 2016 17:30

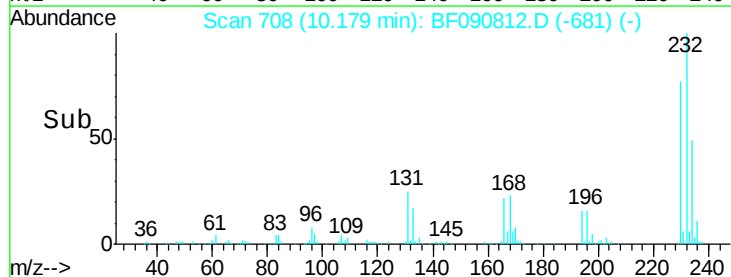
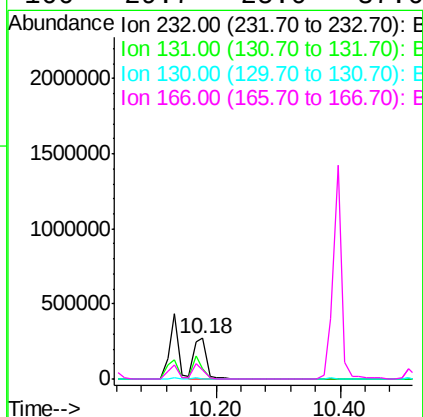
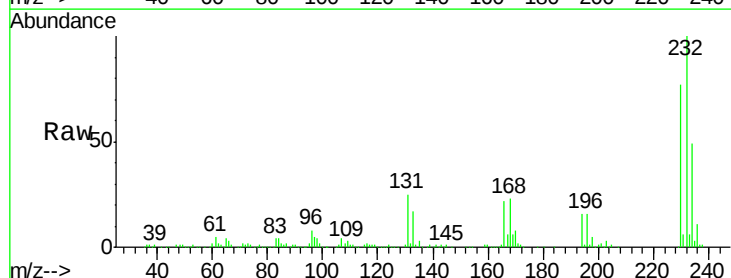
Instrument :
 BNA_F
 ClientSampleId :
 MW-01S-101916MSD

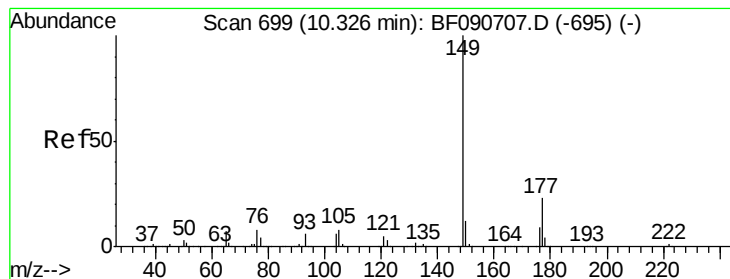
Tgt Ion:166 Resp: 1383761
 Ion Ratio Lower Upper
 166 100
 165 100.0 72.6 109.0
 167 14.1 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 53.99 ng
 RT: 10.18 min Scan# 708
 Delta R.T. 0.01 min
 Lab File: BF090812.D
 Acq: 25 Oct 2016 17:30

Tgt Ion:232 Resp: 395808
 Ion Ratio Lower Upper
 232 100
 131 43.4 38.5 57.7
 130 2.0 1.8 2.6
 166 29.7 25.0 37.6





#59

Diethylphthalate

Concen: 46.25 ng

RT: 10.28 min Scan# 717

Delta R.T. 0.01 min

Lab File: BF090812.D

Acq: 25 Oct 2016 17:30

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MSD

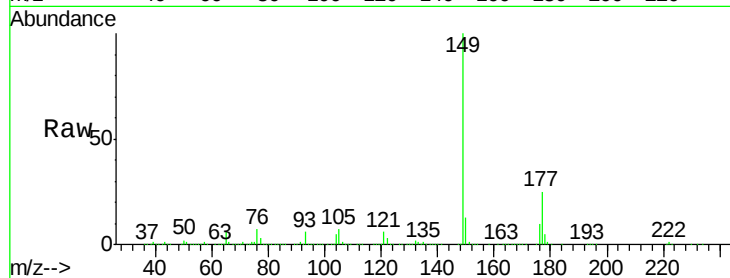
Tgt Ion:149 Resp: 1657262

Ion Ratio Lower Upper

149 100

177 25.2 17.5 26.3

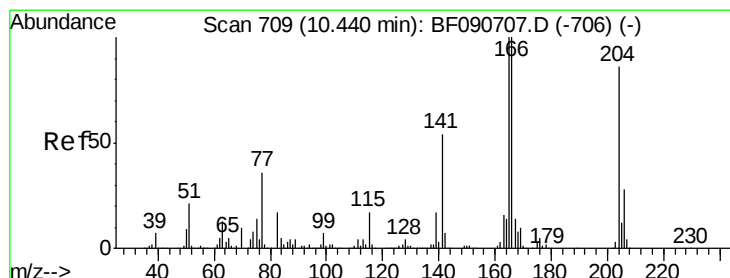
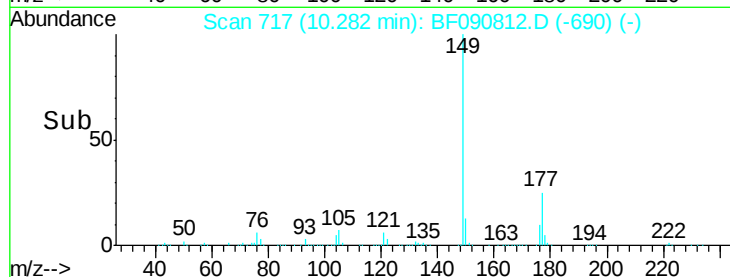
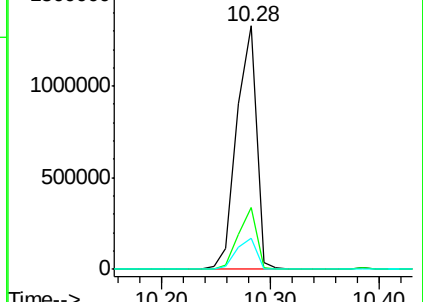
150 12.7 9.4 14.2



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: 44.84 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF090812.D

Acq: 25 Oct 2016 17:30

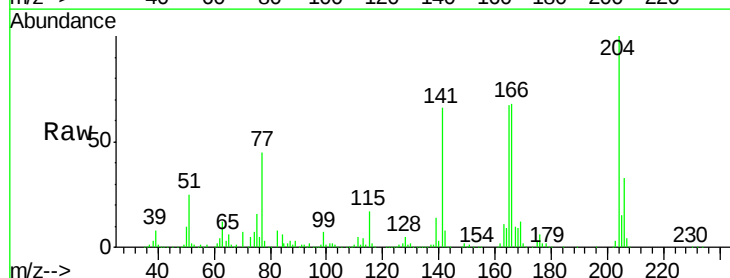
Tgt Ion:204 Resp: 668653

Ion Ratio Lower Upper

204 100

206 33.1 24.8 37.2

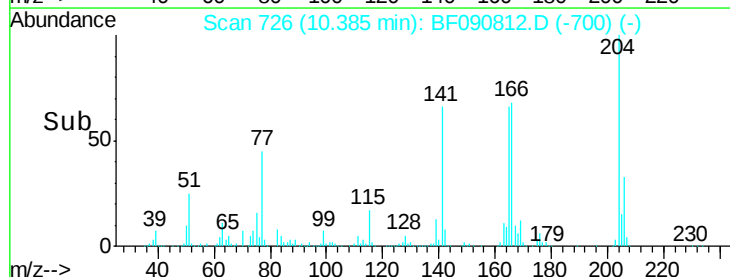
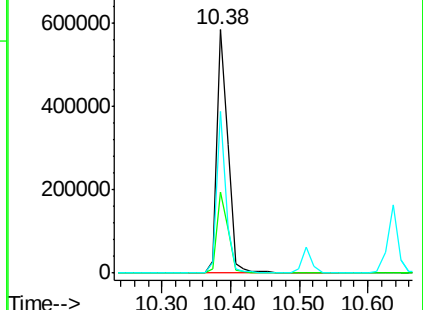
141 66.4 42.2 63.4#

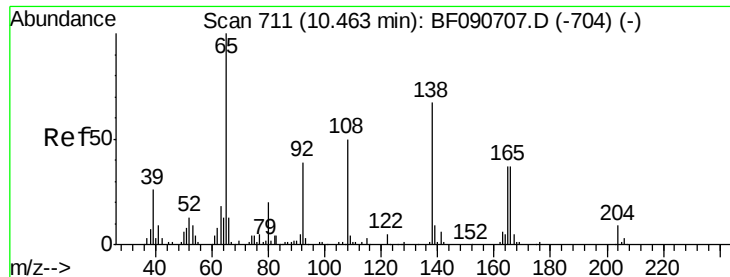


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

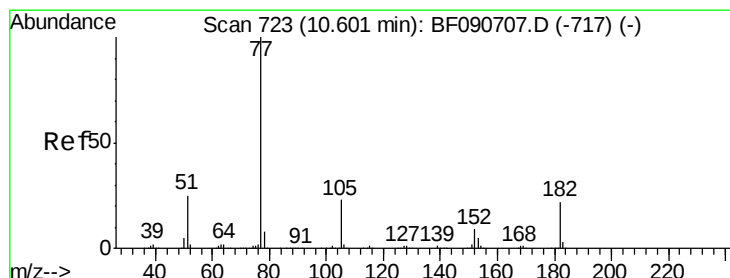
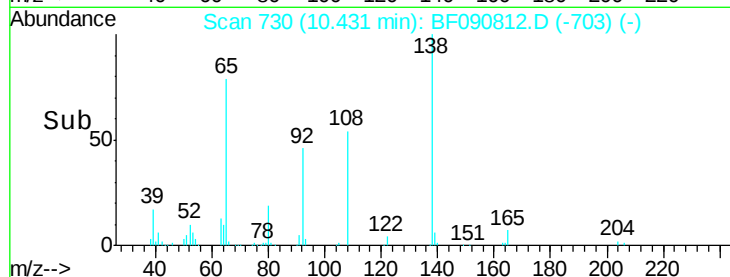
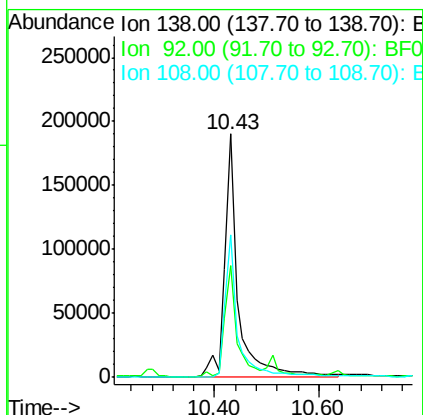
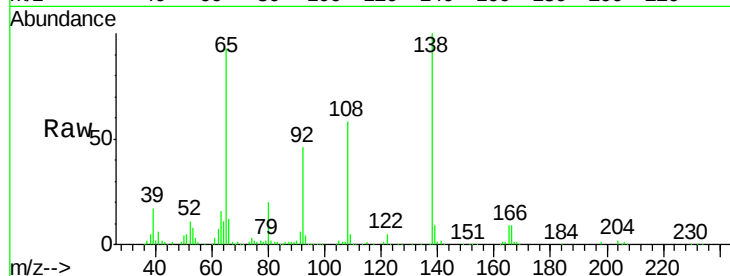




#61
4-Nitroaniline
Concen: 38.94 ng
RT: 10.43 min Scan# 730
Delta R.T. 0.01 min
Lab File: BF090812.D
Acq: 25 Oct 2016 17:30

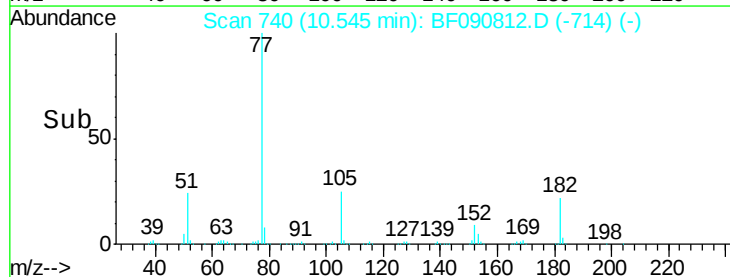
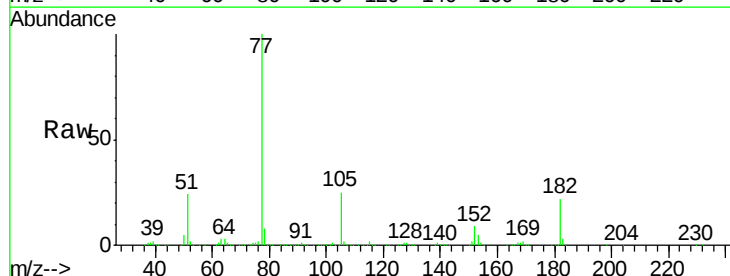
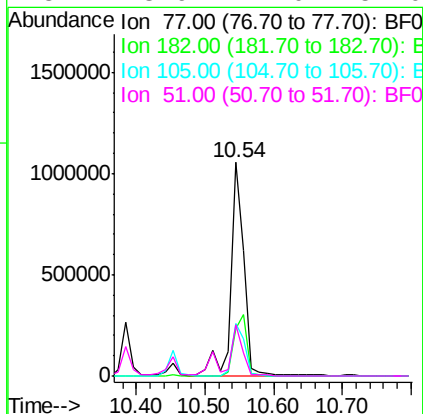
Instrument :
BNA_F
ClientSampleId :
MW-01S-101916MSD

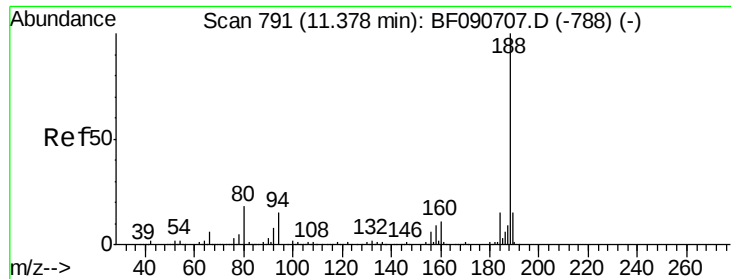
Tgt Ion:138 Resp: 336775
Ion Ratio Lower Upper
138 100
92 46.2 12.6 52.6
108 58.4 12.4 52.4#



#62
Azobenzene
Concen: 33.62 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF090812.D
Acq: 25 Oct 2016 17:30

Tgt Ion: 77 Resp: 1410437
Ion Ratio Lower Upper
77 100
182 22.4 15.1 55.1
105 24.9 3.4 43.4
51 23.9 12.0 52.0

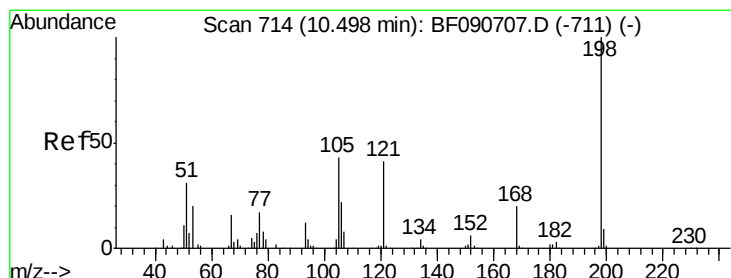
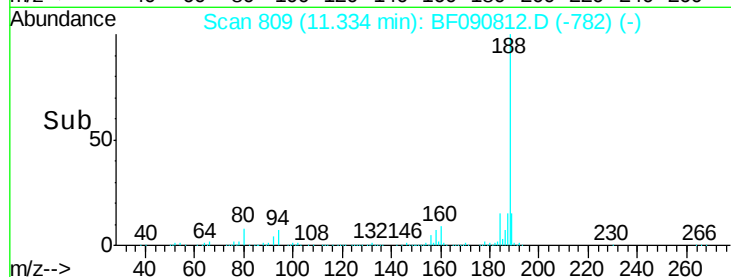
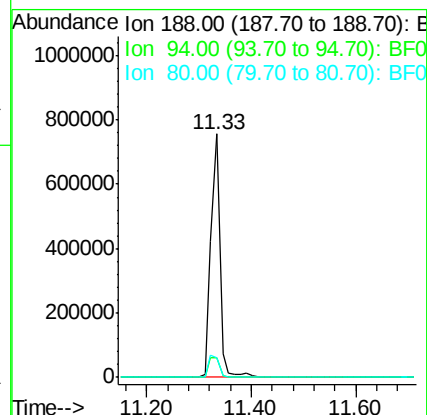
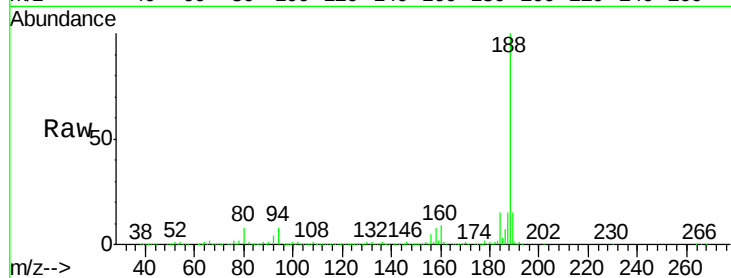




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. 0.01 min
Lab File: BF090812.D
Acq: 25 Oct 2016 17:30

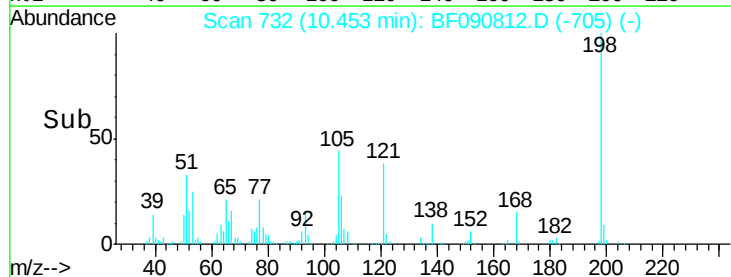
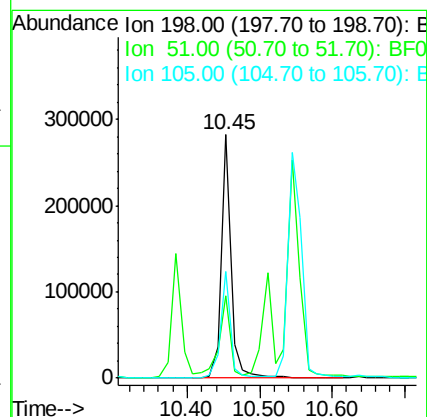
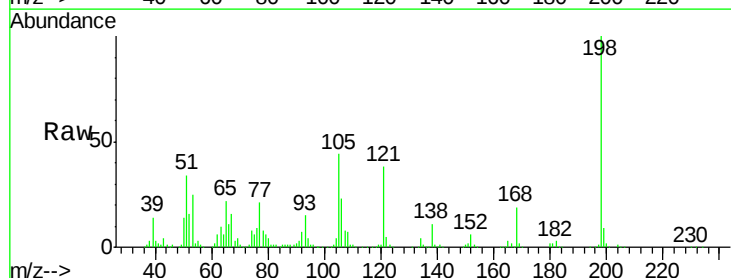
Instrument :
BNA_F
ClientSampleId :
MW-01S-101916MSD

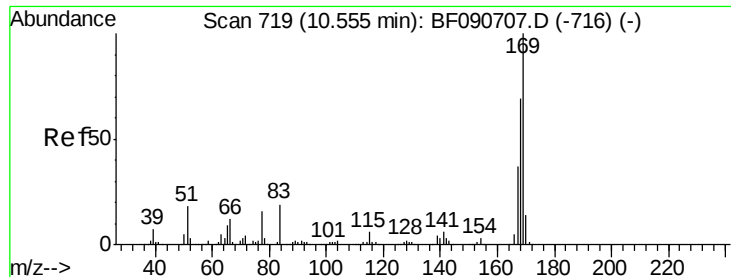
Tgt Ion:188 Resp: 913129
Ion Ratio Lower Upper
188 100
94 7.9 11.1 16.7#
80 8.2 11.0 16.4#



#64
4,6-Dinitro-2-methylphenol
Concen: 45.89 ng
RT: 10.45 min Scan# 732
Delta R.T. 0.01 min
Lab File: BF090812.D
Acq: 25 Oct 2016 17:30

Tgt Ion:198 Resp: 266320
Ion Ratio Lower Upper
198 100
51 33.6 39.6 79.6#
105 43.7 28.5 68.5





#65

n-Nitrosodiphenylamine

Concen: 40.81 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF090812.D

Acq: 25 Oct 2016 17:30

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MSD

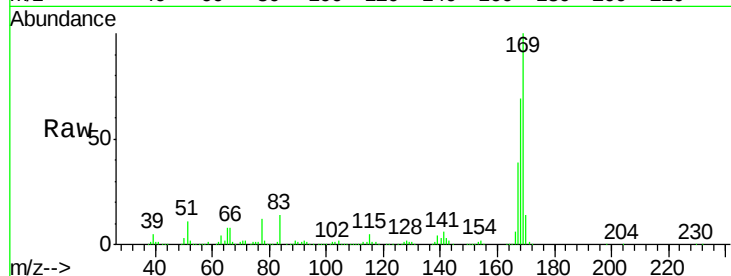
Tgt Ion:169 Resp: 1193907

Ion Ratio Lower Upper

169 100

168 68.8 48.9 73.3

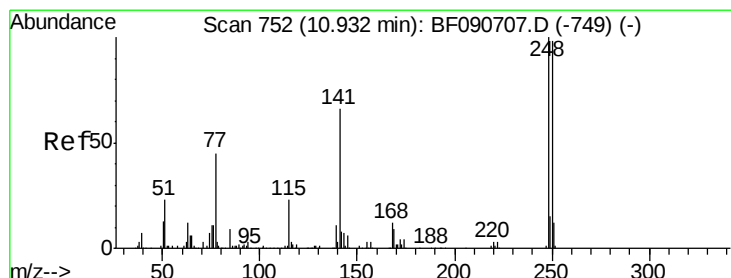
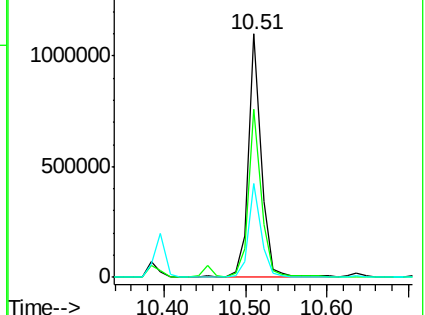
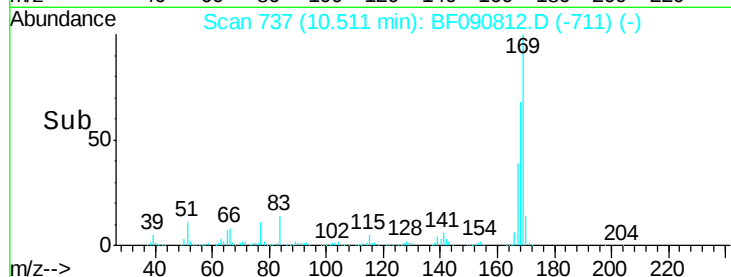
167 38.6 26.2 39.4



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: 50.82 ng

RT: 10.88 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF090812.D

Acq: 25 Oct 2016 17:30

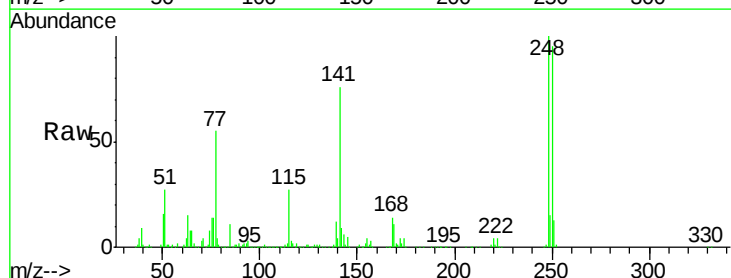
Tgt Ion:248 Resp: 449836

Ion Ratio Lower Upper

248 100

250 95.2 78.5 117.7

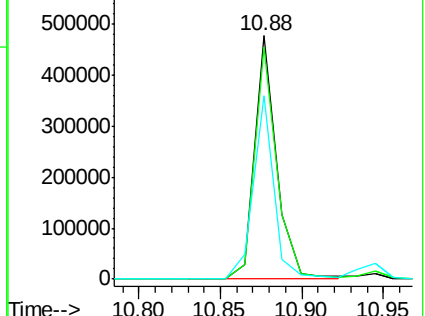
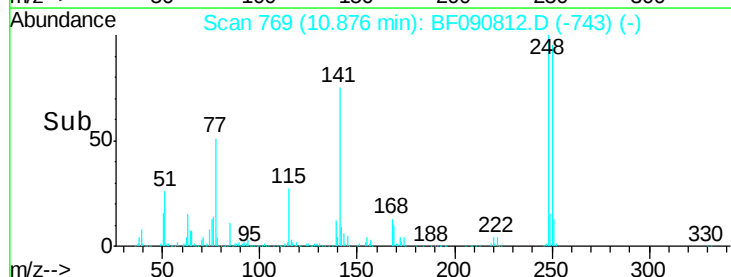
141 75.6 59.0 88.6

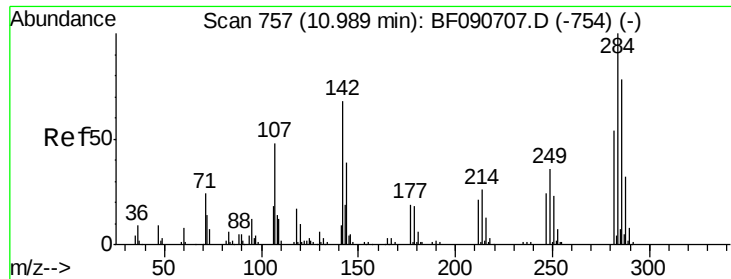


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 53.82 ng

RT: 10.94 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF090812.D

Acq: 25 Oct 2016 17:30

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MSD

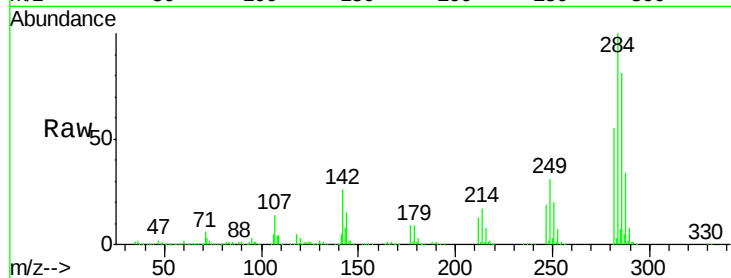
Tgt Ion:284 Resp: 562158

Ion Ratio Lower Upper

284 100

142 26.2 29.5 44.3#

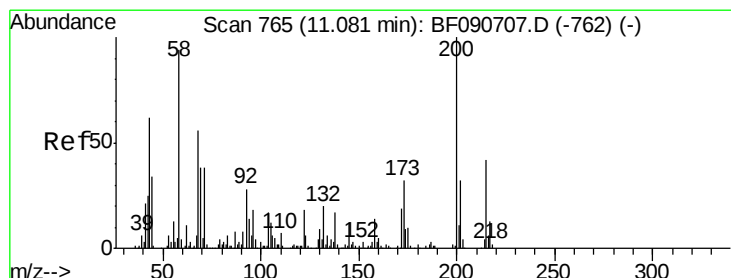
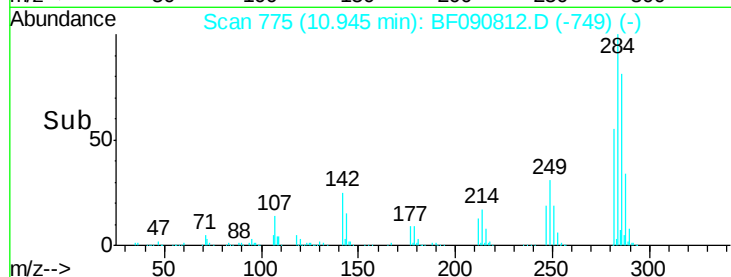
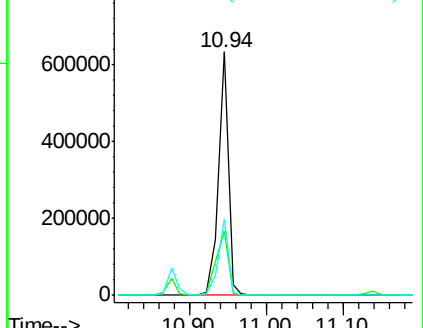
249 31.4 19.5 29.3#



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: 54.98 ng

RT: 11.05 min Scan# 784

Delta R.T. 0.01 min

Lab File: BF090812.D

Acq: 25 Oct 2016 17:30

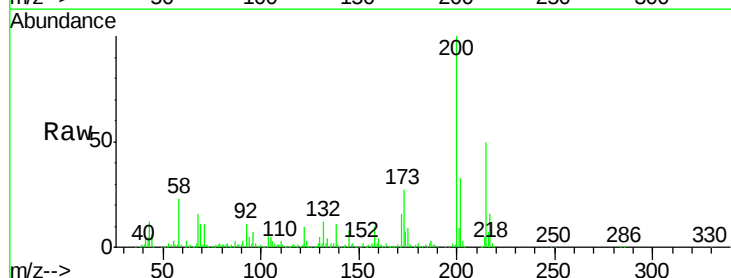
Tgt Ion:200 Resp: 443967

Ion Ratio Lower Upper

200 100

173 26.9 13.2 53.2

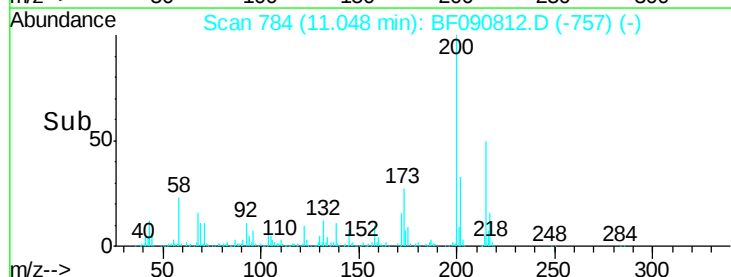
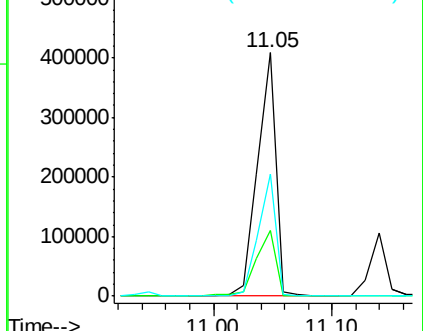
215 49.9 41.8 81.8

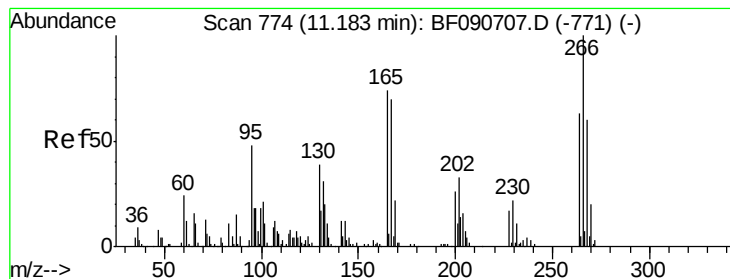


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 84.21 ng

RT: 11.14 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF090812.D

Acq: 25 Oct 2016 17:30

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MSD

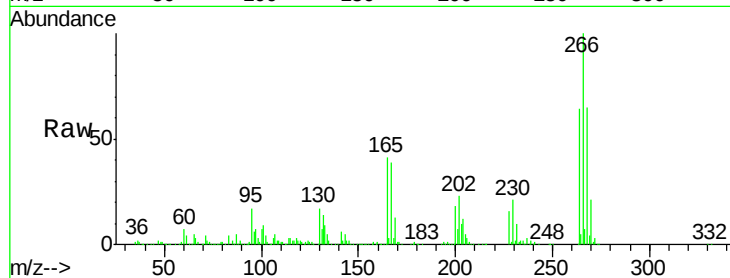
Tgt Ion:266 Resp: 566551

Ion Ratio Lower Upper

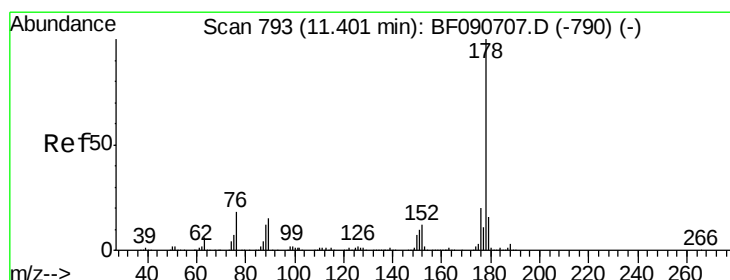
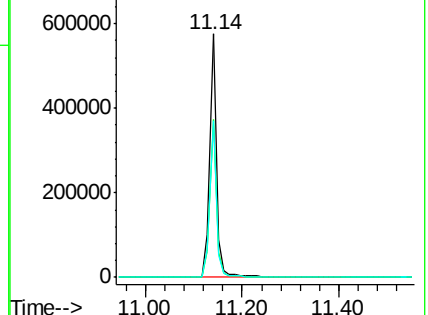
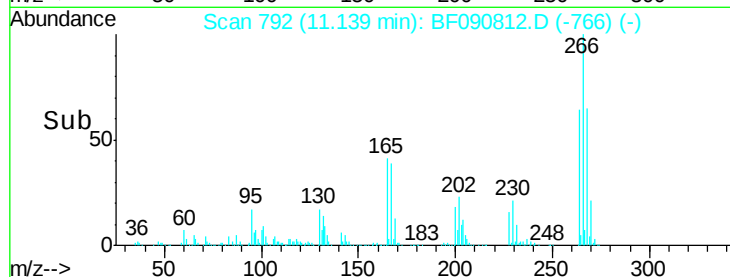
266 100

268 64.8 49.8 74.6

264 64.4 50.2 75.2



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: 48.74 ng

RT: 11.41 min Scan# 816

Delta R.T. 0.06 min

Lab File: BF090812.D

Acq: 25 Oct 2016 17:30

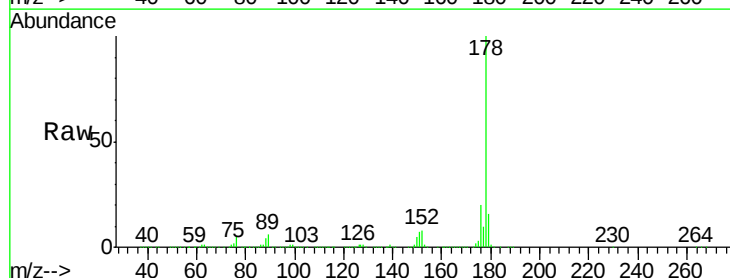
Tgt Ion:178 Resp: 2268731

Ion Ratio Lower Upper

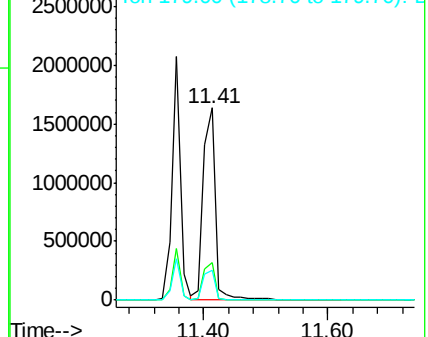
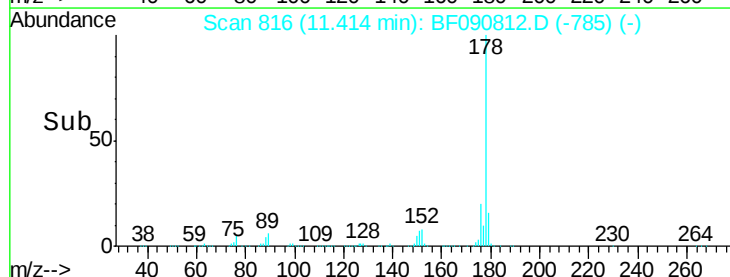
178 100

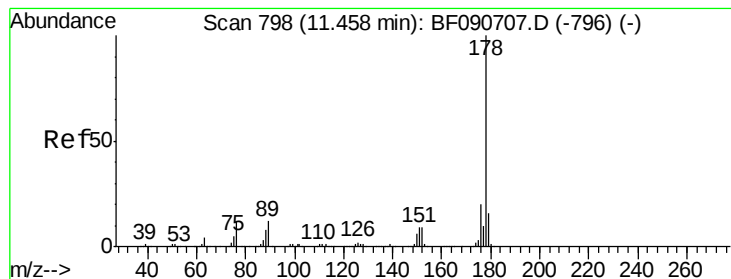
176 19.8 13.8 20.8

179 15.8 12.2 18.2



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: 44.15 ng

RT: 11.41 min Scan# 816

Delta R.T. 0.01 min

Lab File: BF090812.D

Acq: 25 Oct 2016 17:30

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MSD

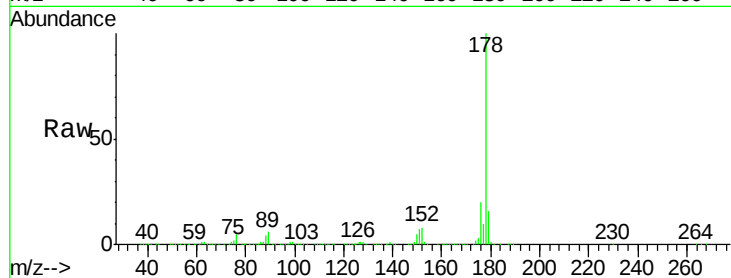
Tgt Ion:178 Resp: 2279051

Ion Ratio Lower Upper

178 100

176 19.8 14.1 21.1

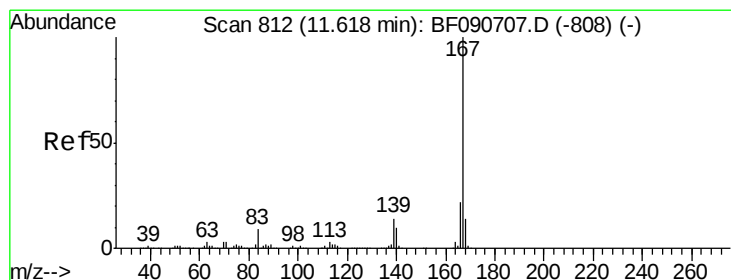
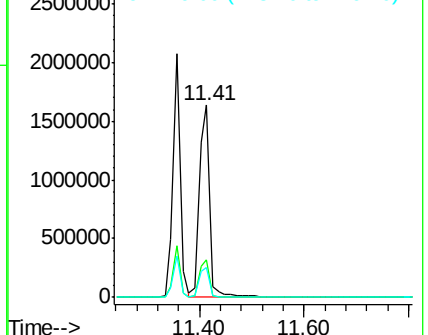
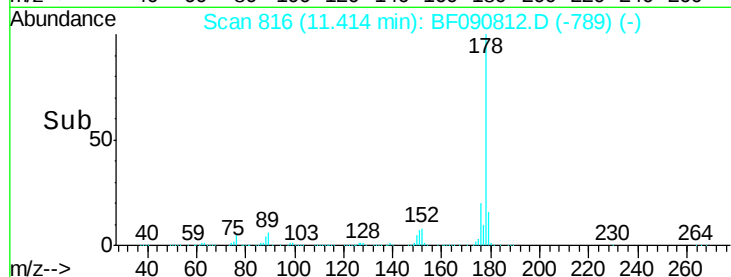
179 15.8 12.2 18.2



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



#72

Carbazole

Concen: 42.78 ng

RT: 11.56 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF090812.D

Acq: 25 Oct 2016 17:30

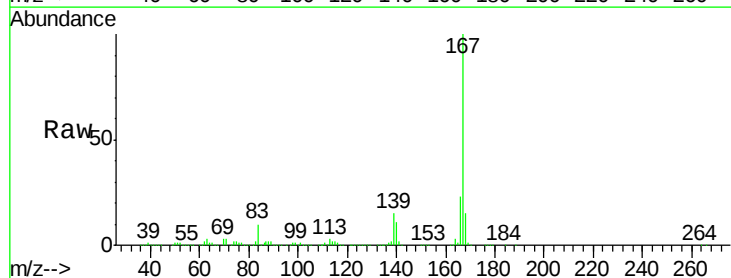
Tgt Ion:167 Resp: 1846029

Ion Ratio Lower Upper

167 100

166 23.1 15.7 23.5

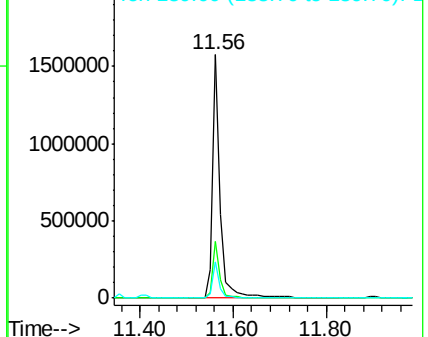
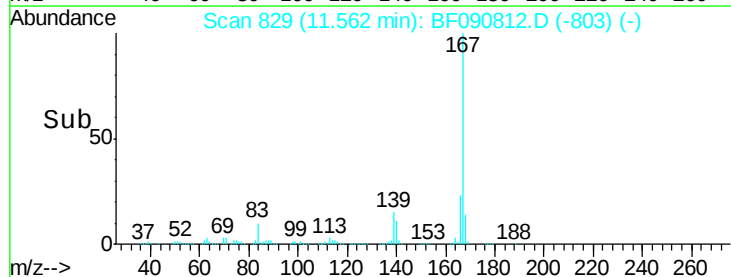
139 14.8 9.5 14.3#

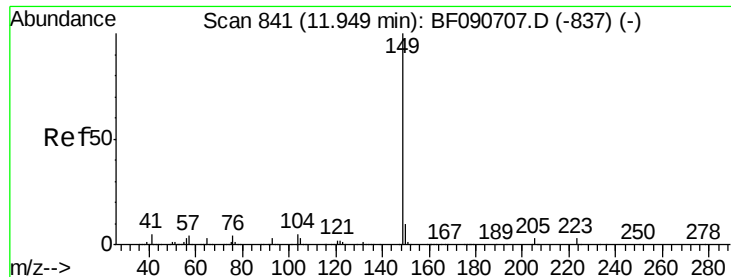


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.98 ng

RT: 11.91 min Scan# 859

Delta R.T. 0.01 min

Lab File: BF090812.D

Acq: 25 Oct 2016 17:30

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MSD

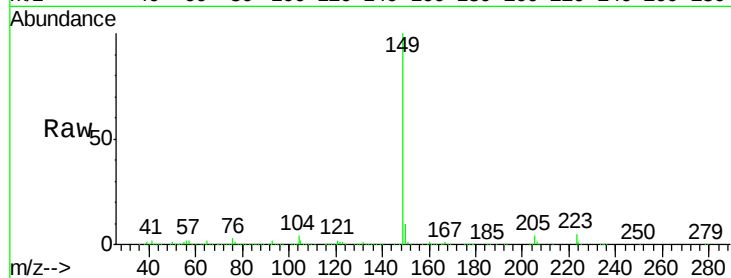
Tgt Ion:149 Resp: 2406112

Ion Ratio Lower Upper

149 100

150 9.6 7.4 11.2

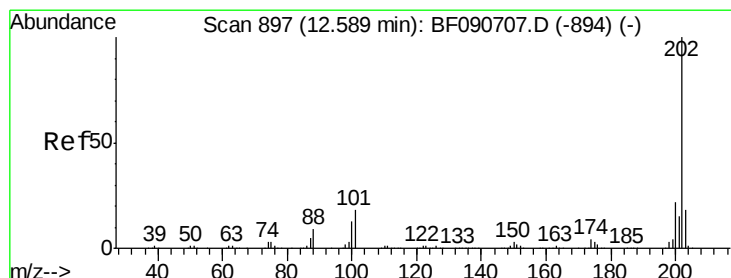
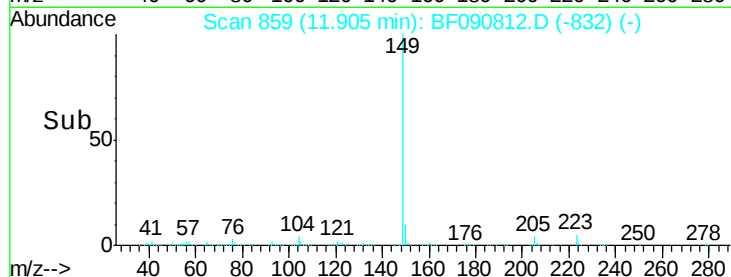
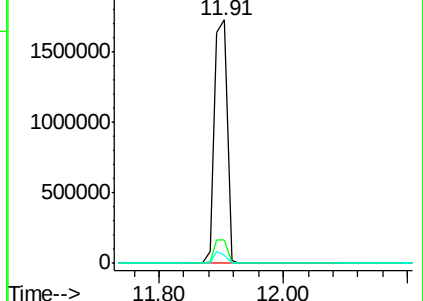
104 3.5 2.4 3.6



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: 48.56 ng

RT: 12.55 min Scan# 915

Delta R.T. 0.01 min

Lab File: BF090812.D

Acq: 25 Oct 2016 17:30

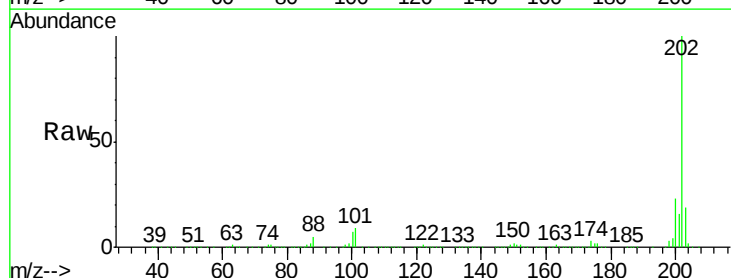
Tgt Ion:202 Resp: 2186251

Ion Ratio Lower Upper

202 100

101 9.5 0.0 38.3

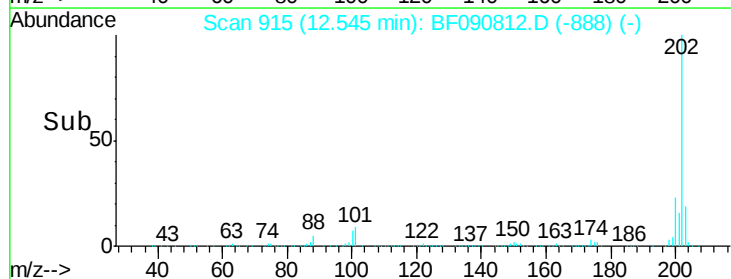
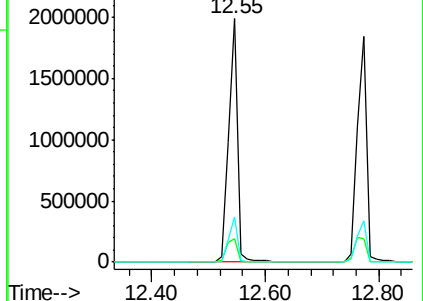
203 18.6 0.0 37.3

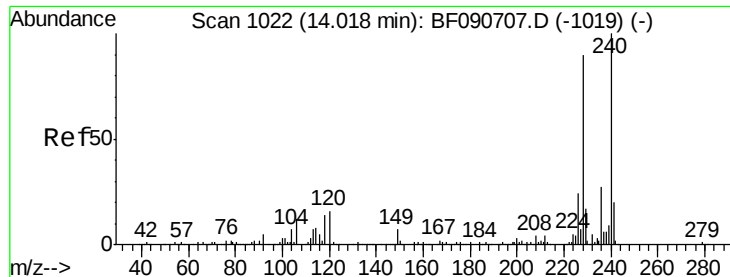


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.97 min Scan# 1040

Delta R.T. 0.01 min

Lab File: BF090812.D

Acq: 25 Oct 2016 17:30

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MSD

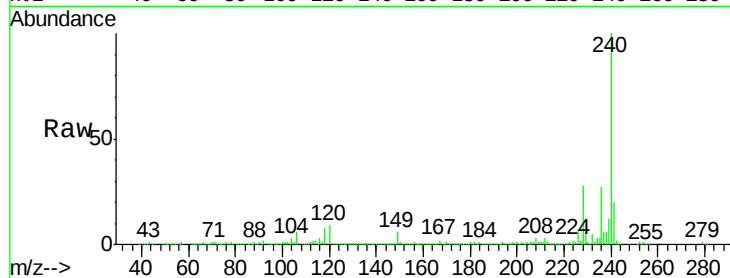
Tgt Ion:240 Resp: 623048

Ion Ratio Lower Upper

240 100

120 8.8 16.2 24.2#

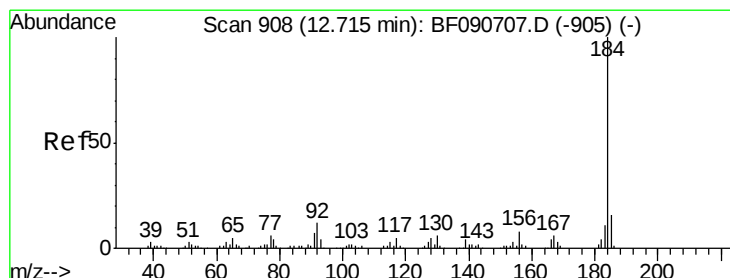
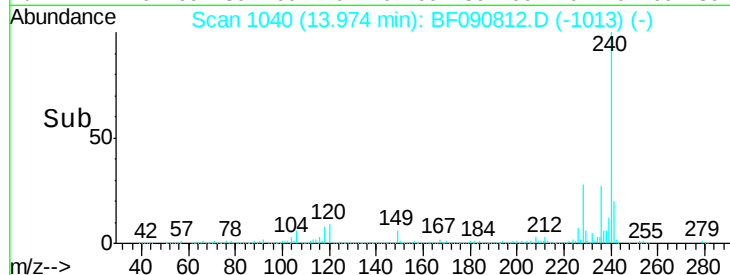
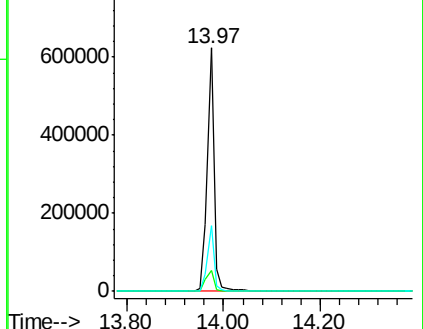
236 26.7 18.4 27.6



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: 33.23 ng

RT: 12.67 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF090812.D

Acq: 25 Oct 2016 17:30

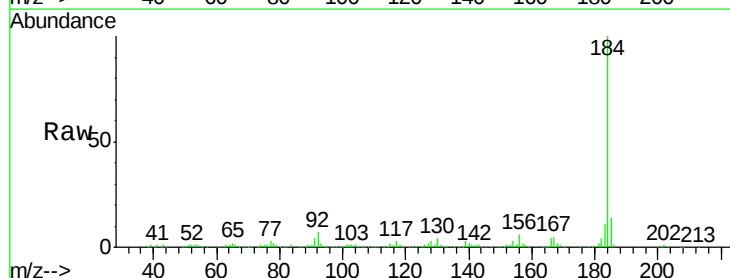
Tgt Ion:184 Resp: 459767

Ion Ratio Lower Upper

184 100

185 14.4 11.8 17.6

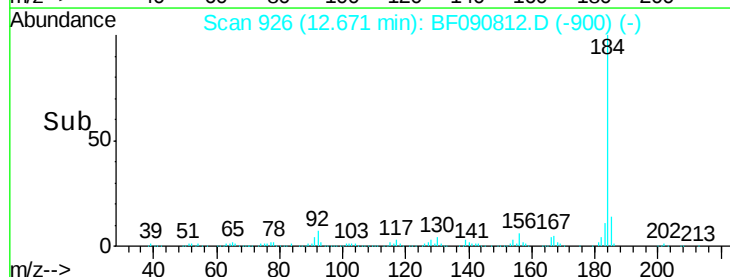
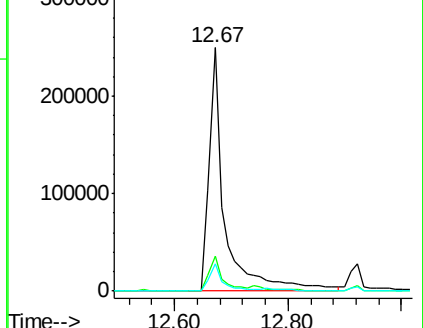
183 11.4 7.6 11.4

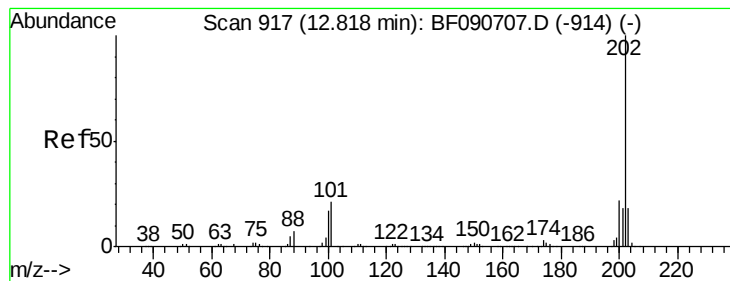


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 49.32 ng

RT: 12.77 min Scan# 935

Delta R.T. 0.01 min

Lab File: BF090812.D

Acq: 25 Oct 2016 17:30

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MSD

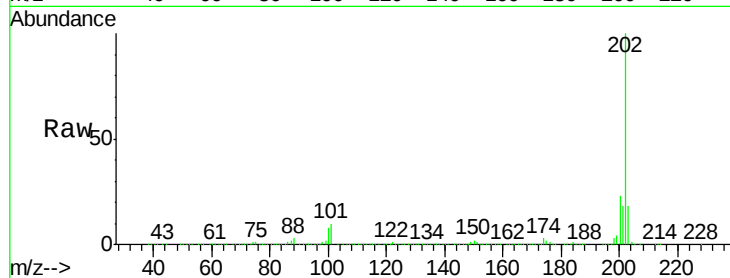
Tgt Ion: 202 Resp: 2145998

Ion Ratio Lower Upper

202 100

200 22.7 15.0 22.4#

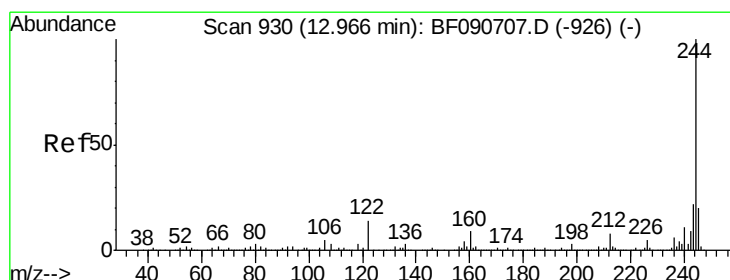
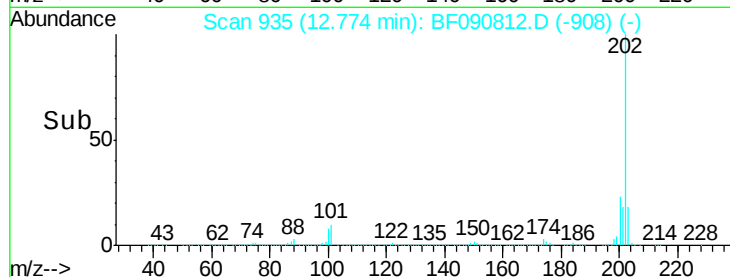
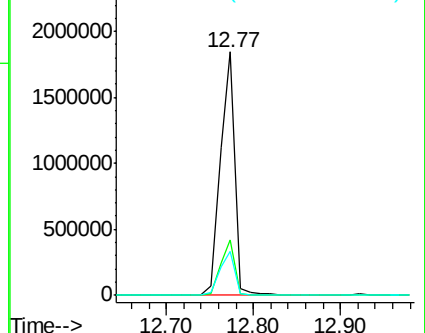
203 18.2 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 98.06 ng

RT: 12.92 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF090812.D

Acq: 25 Oct 2016 17:30

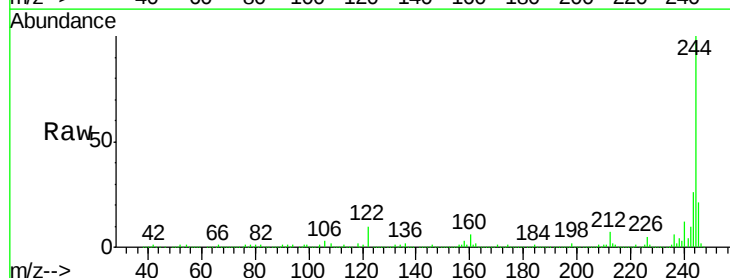
Tgt Ion: 244 Resp: 2665714

Ion Ratio Lower Upper

244 100

212 7.1 4.3 6.5#

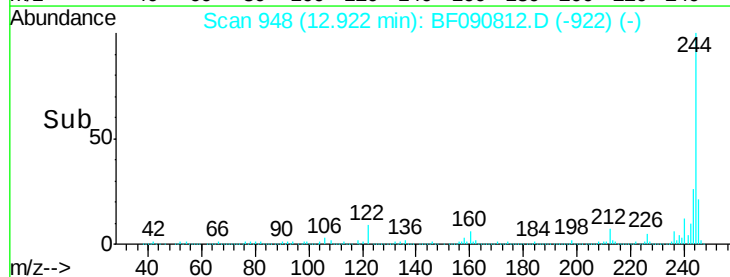
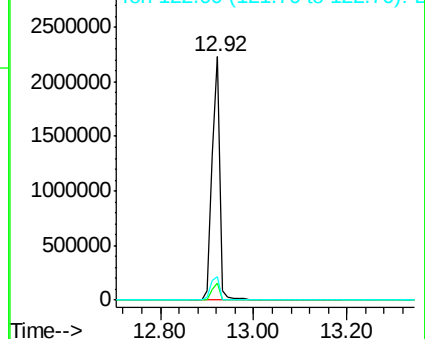
122 9.5 17.4 26.2#

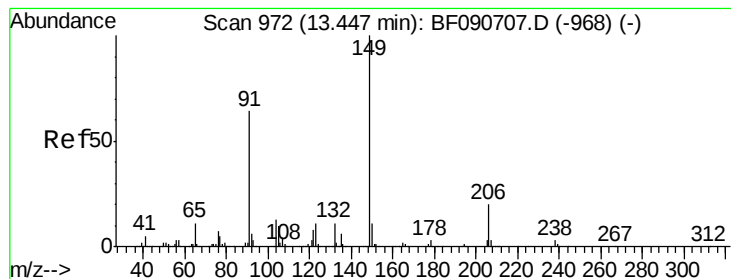


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 47.81 ng

RT: 13.39 min Scan# 989

Delta R.T. 0.00 min

Lab File: BF090812.D

Acq: 25 Oct 2016 17:30

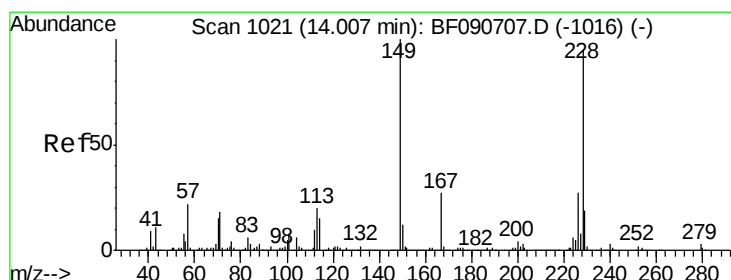
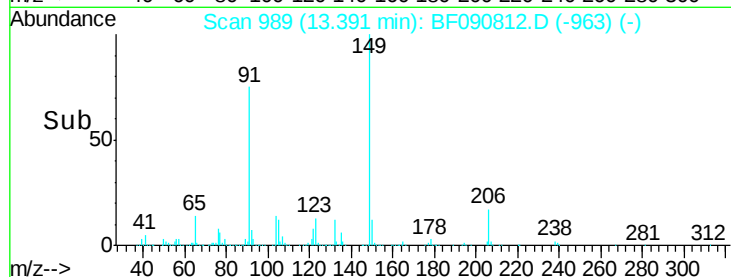
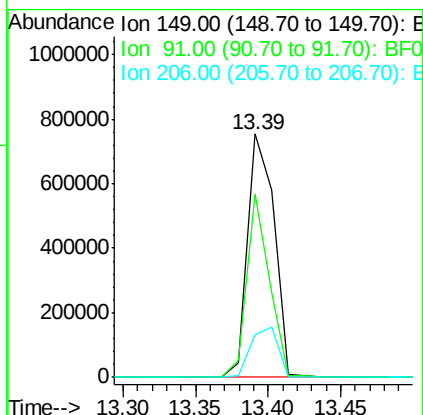
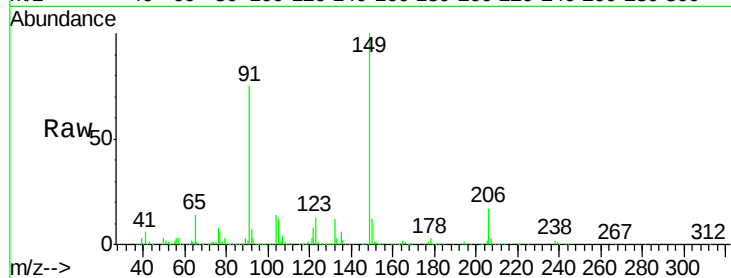
Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MSD

Tgt Ion:	149	Resp:	956363
Ion Ratio	Lower	Upper	
149	100		
91	75.3	48.6	72.8#
206	17.4	14.9	22.3



#80

Benzo(a)anthracene

Concen: 43.25 ng

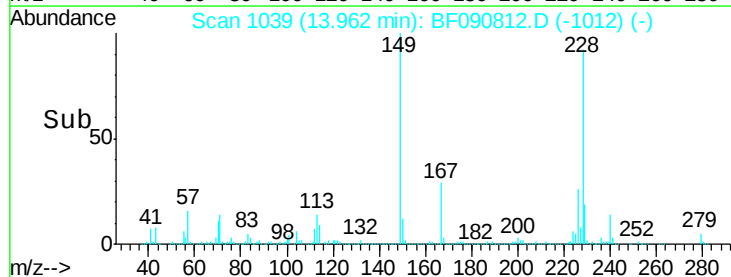
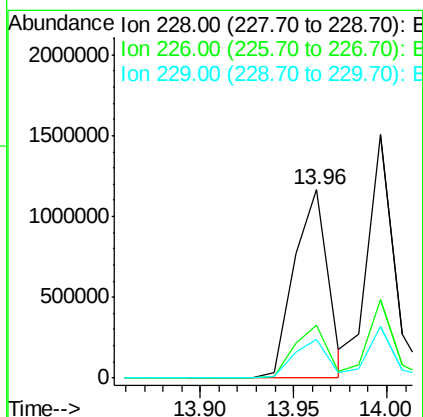
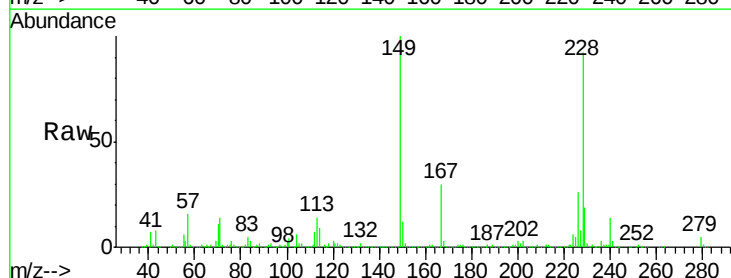
RT: 13.96 min Scan# 1039

Delta R.T. 0.01 min

Lab File: BF090812.D

Acq: 25 Oct 2016 17:30

Tgt Ion:	228	Resp:	1474784
Ion Ratio	Lower	Upper	
228	100		
226	28.1	20.0	30.0
229	20.4	15.4	23.2

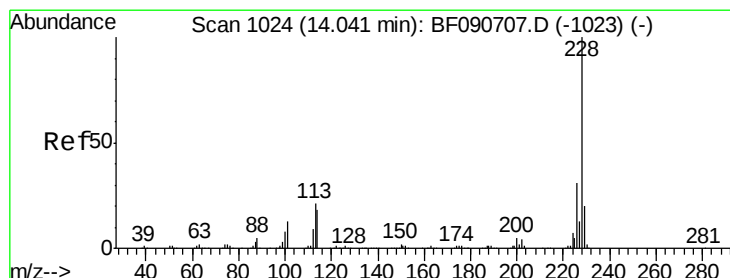
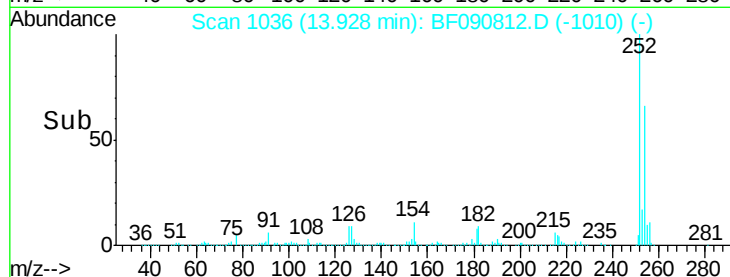
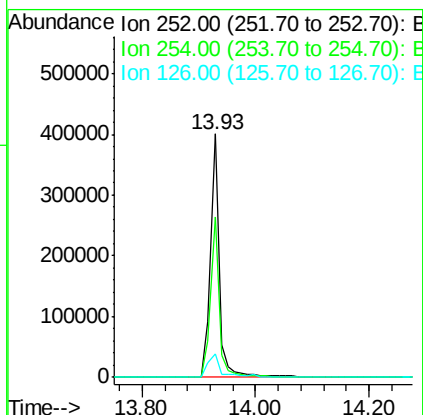
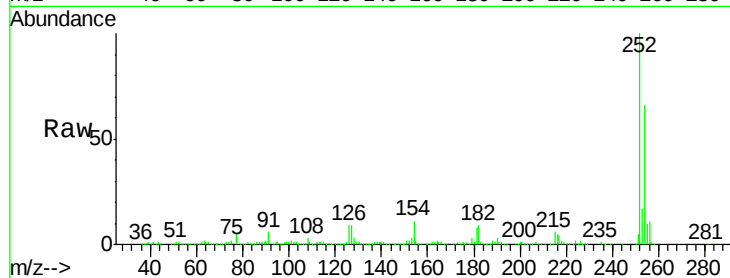




#81
 3,3'-Dichlorobenzidine
 Concen: 35.83 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF090812.D
 Acq: 25 Oct 2016 17:30

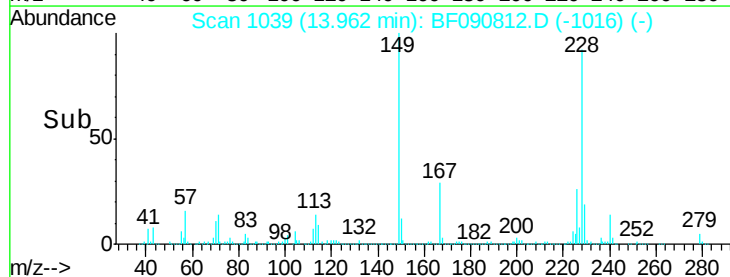
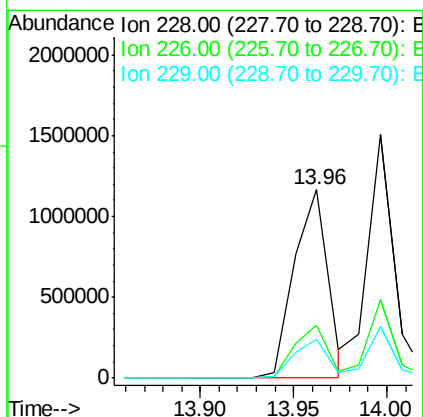
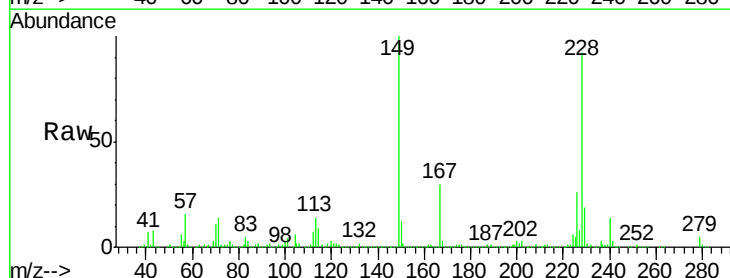
Instrument :
 BNA_F
 ClientSampleId :
 MW-01S-101916MSD

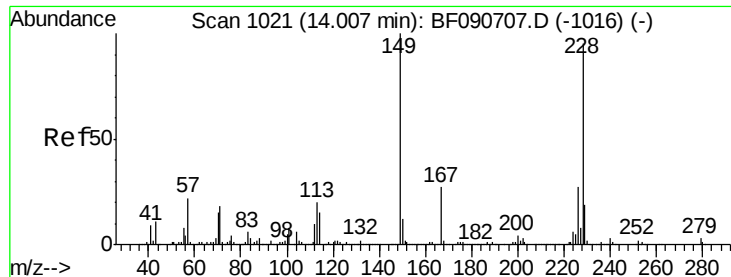
Tgt Ion:252 Resp: 423354
 Ion Ratio Lower Upper
 252 100
 254 66.0 51.4 77.2
 126 9.4 16.4 24.6#



#82
 Chrysene
 Concen: 44.32 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.03 min
 Lab File: BF090812.D
 Acq: 25 Oct 2016 17:30

Tgt Ion:228 Resp: 1474784
 Ion Ratio Lower Upper
 228 100
 226 28.1 21.0 31.4
 229 20.4 15.6 23.4

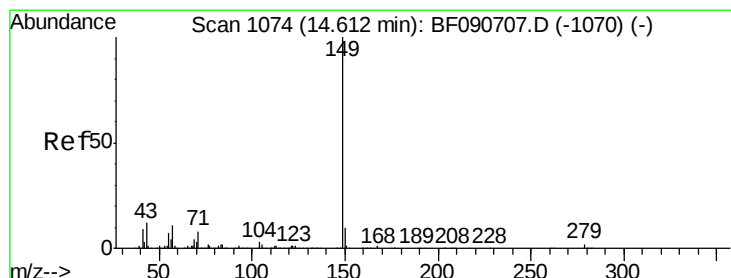
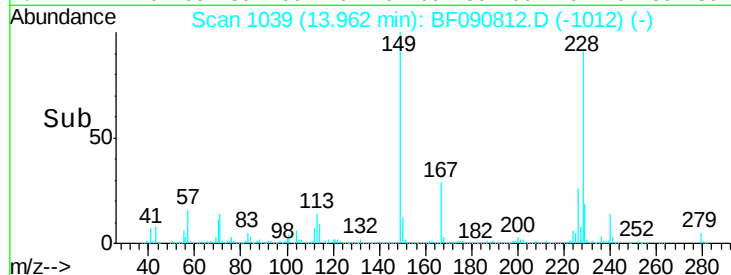
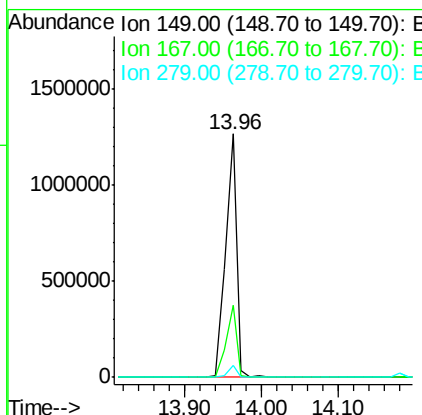
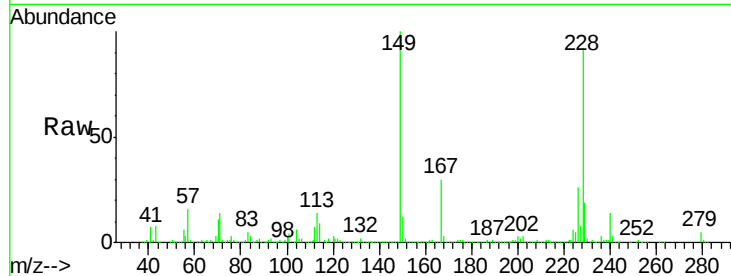




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.38 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. 0.01 min
 Lab File: BF090812.D
 Acq: 25 Oct 2016 17:30

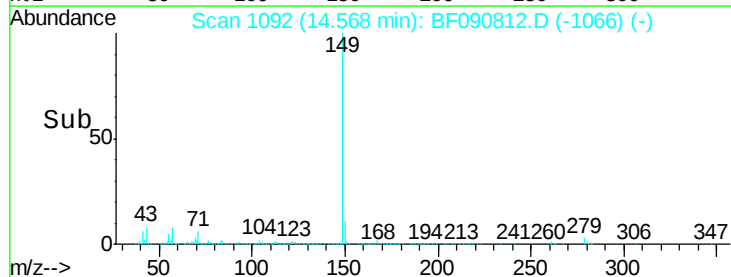
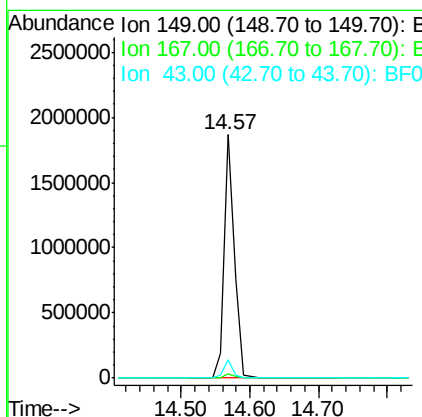
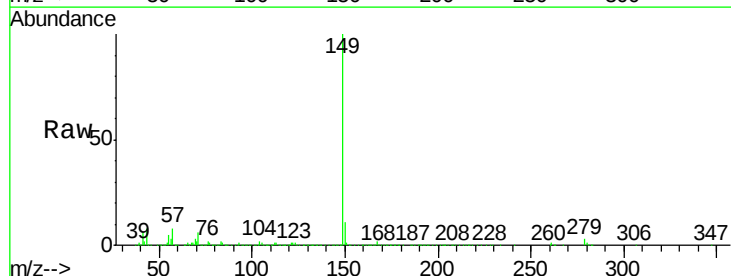
Instrument :
 BNA_F
 ClientSampleId :
 MW-01S-101916MSD

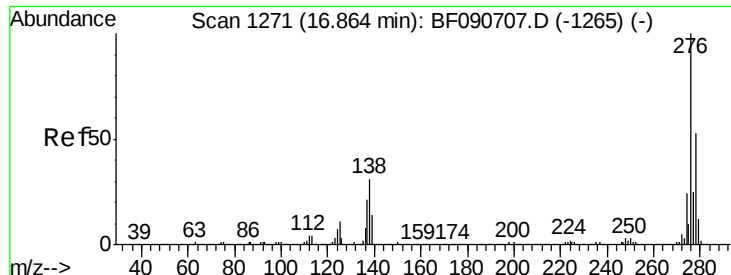
Tgt Ion:149 Resp: 1298794
 Ion Ratio Lower Upper
 149 100
 167 29.5 24.2 36.2
 279 5.0 3.8 5.6



#84
 Di-n-octyl phthalate
 Concen: 45.07 ng
 RT: 14.57 min Scan# 1092
 Delta R.T. 0.00 min
 Lab File: BF090812.D
 Acq: 25 Oct 2016 17:30

Tgt Ion:149 Resp: 1957643
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.0 1.6#
 43 6.7 10.2 15.2#

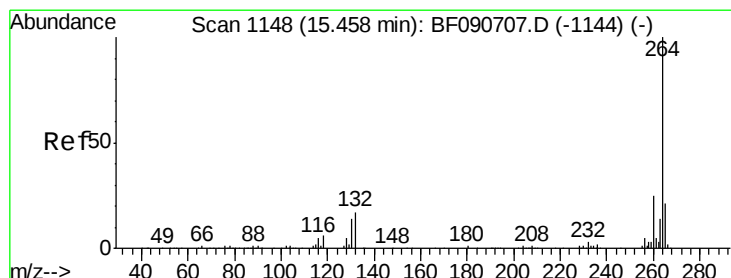
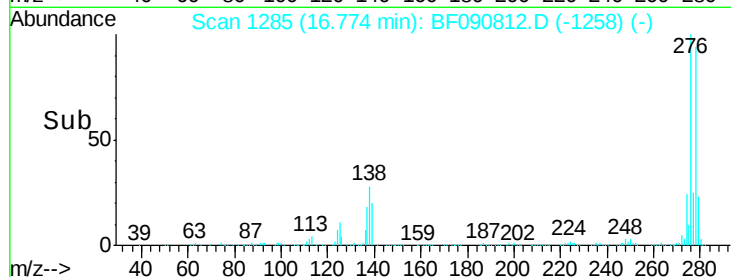
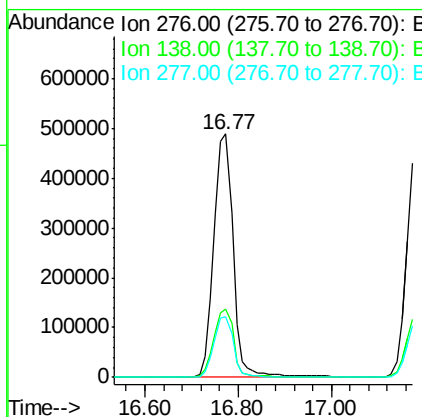
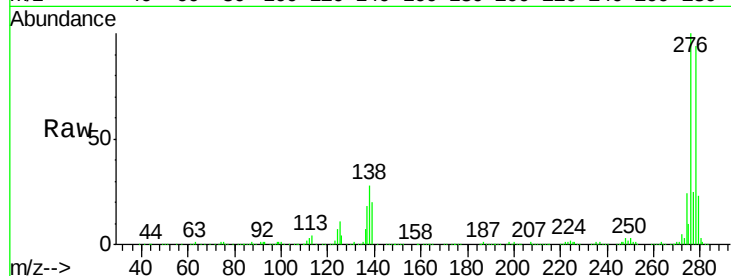




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.86 ng
 RT: 16.77 min Scan# 1285
 Delta R.T. 0.01 min
 Lab File: BF090812.D
 Acq: 25 Oct 2016 17:30

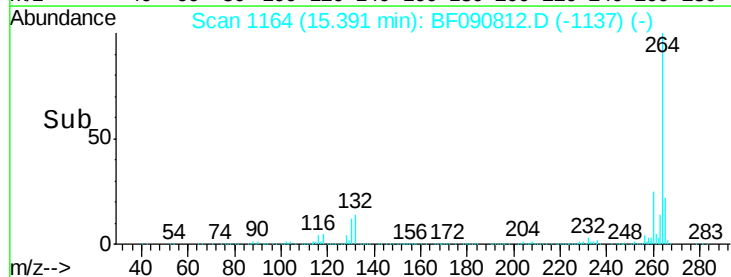
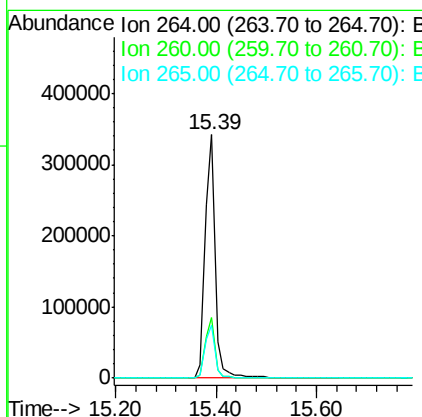
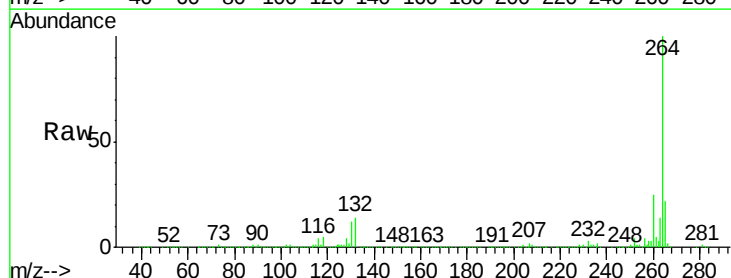
Instrument :
 BNA_F
 ClientSampleId :
 MW-01S-101916MSD

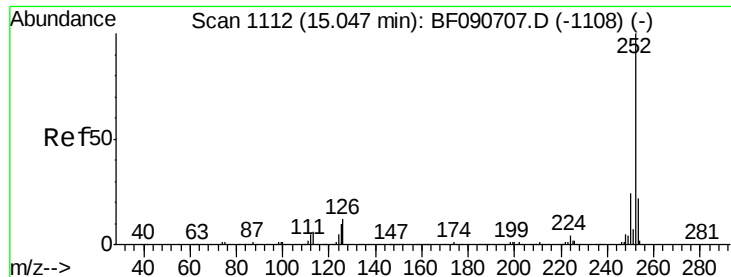
Tgt Ion: 276 Resp: 1418584
 Ion Ratio Lower Upper
 276 100
 138 29.1 25.7 38.5
 277 25.2 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1164
 Delta R.T. 0.01 min
 Lab File: BF090812.D
 Acq: 25 Oct 2016 17:30

Tgt Ion: 264 Resp: 484077
 Ion Ratio Lower Upper
 264 100
 260 24.8 16.7 25.1
 265 21.7 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 95.06 ng

RT: 15.01 min Scan# 1131

Delta R.T. 0.03 min

Lab File: BF090812.D

Acq: 25 Oct 2016 17:30

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MSD

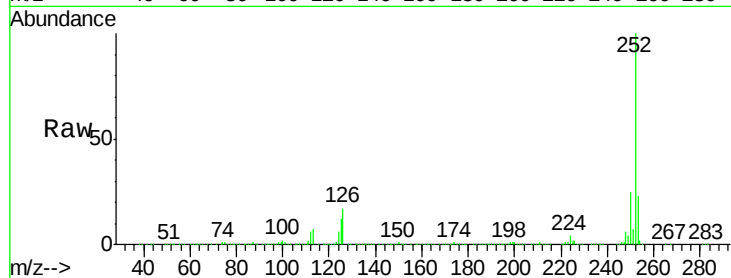
Tgt Ion:252 Resp: 2829599

Ion Ratio Lower Upper

252 100

253 22.9 17.5 26.3

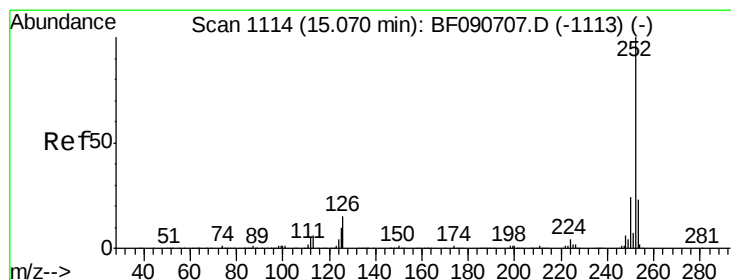
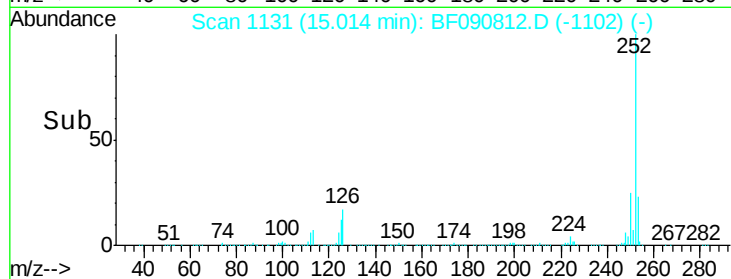
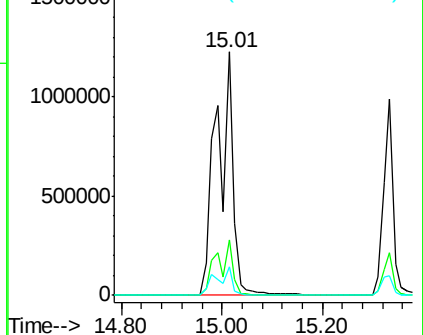
125 12.0 17.1 25.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 94.80 ng

RT: 15.01 min Scan# 1131

Delta R.T. 0.00 min

Lab File: BF090812.D

Acq: 25 Oct 2016 17:30

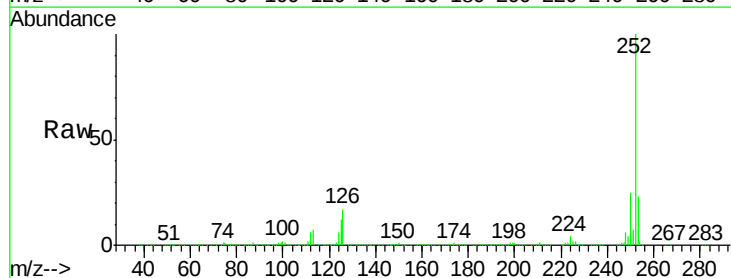
Tgt Ion:252 Resp: 2835880

Ion Ratio Lower Upper

252 100

253 22.9 17.0 25.4

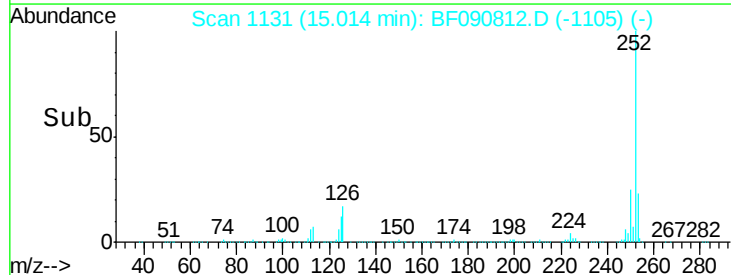
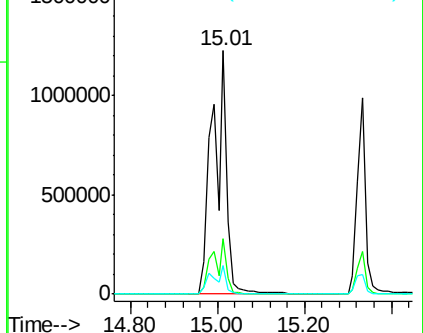
125 12.0 16.0 24.0#

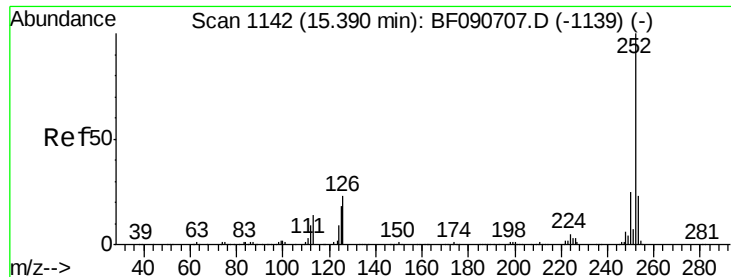


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 47.33 ng

RT: 15.33 min Scan# 1159

Delta R.T. 0.01 min

Lab File: BF090812.D

Acq: 25 Oct 2016 17:30

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MSD

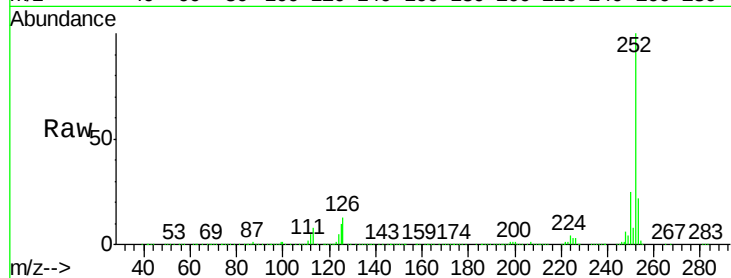
Tgt Ion:252 Resp: 1321671

Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

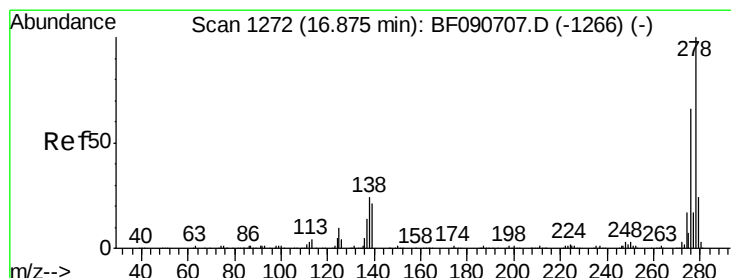
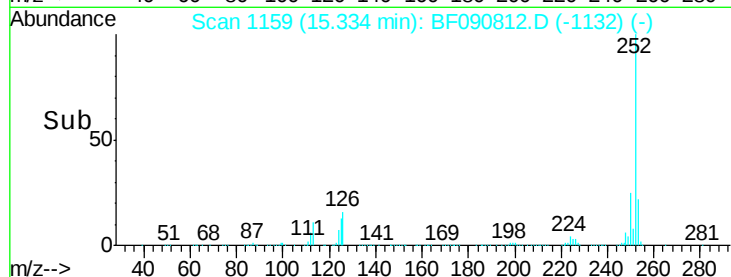
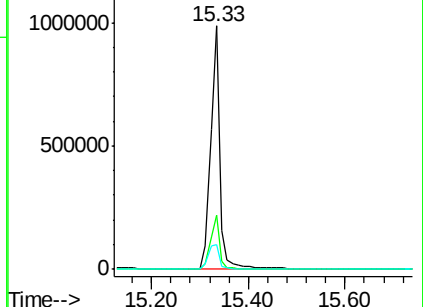
125 10.3 18.0 27.0#



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: 45.17 ng

RT: 16.79 min Scan# 1286

Delta R.T. 0.01 min

Lab File: BF090812.D

Acq: 25 Oct 2016 17:30

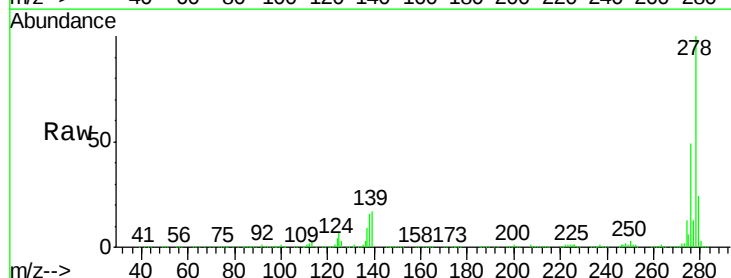
Tgt Ion:278 Resp: 1211255

Ion Ratio Lower Upper

278 100

139 16.8 26.3 39.5#

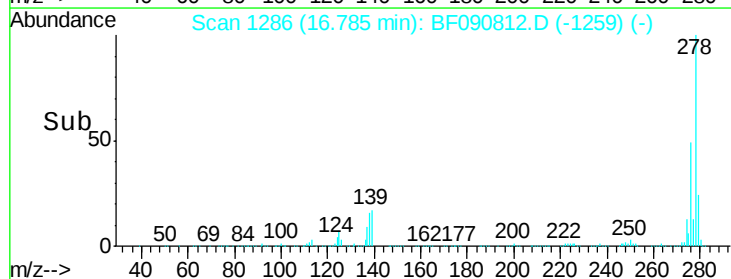
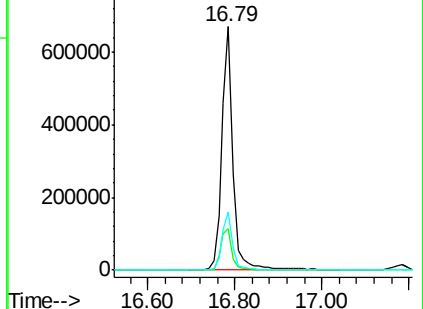
279 23.9 18.2 27.4

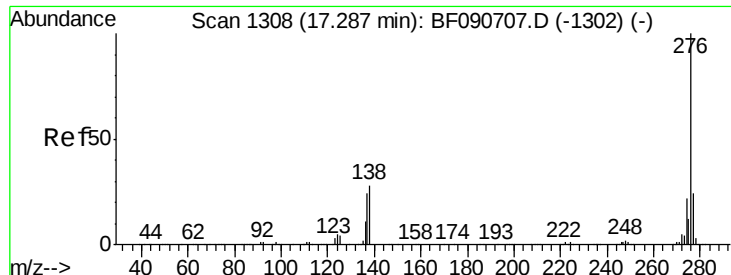


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 44.54 ng

RT: 17.19 min Scan# 1321

Delta R.T. 0.02 min

Lab File: BF090812.D

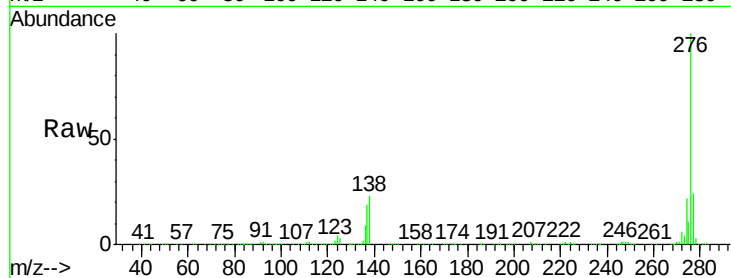
Acq: 25 Oct 2016 17:30

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MSD



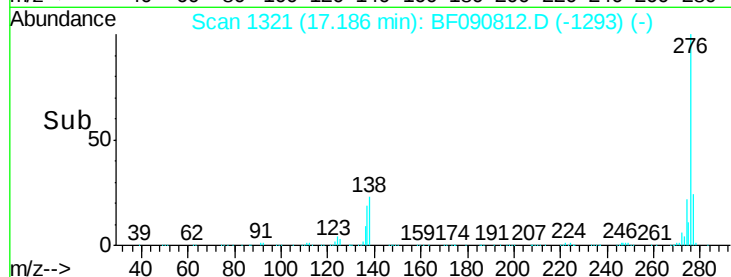
Tgt Ion: 276 Resp: 1158404

Ion Ratio Lower Upper

276 100

277 23.6 17.8 26.6

138 22.8 34.6 51.8#



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

