

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102616\
 Data File : BF090854.D
 Acq On : 26 Oct 2016 21:43
 Operator : UM/SJ
 Sample : H5403-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C0AA0MS

Quant Time: Oct 27 01:22:15 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 16:35:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	151428	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	647739	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	351403	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	611776	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	474871	20.00	ng	-0.01
86) Perylene-d12	15.37	264	339290	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1191724	137.60	ng	0.01
7) Phenol-d6	6.43	99	1415622	121.15	ng	-0.01
23) Nitrobenzene-d5	7.36	82	930551	94.05	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	540825	149.76	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	2131535	106.51	ng	-0.01
78) Terphenyl-d14	12.90	244	2354637	124.92	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	178189	40.24	ng	# 74
3) Pyridine	3.15	79	310222	25.83	ng	# 68
4) n-Nitrosodimethylamine	3.07	42	168714	49.89	ng	# 64
6) Aniline	6.48	93	57905	4.34	ng	# 58
8) 2-Chlorophenol	6.58	128	488592	45.73	ng	# 96
9) Benzaldehyde	6.34	77	46123	7.64	ng	# 84
10) Phenol	6.45	94	462029	35.88	ng	# 90
11) bis(2-Chloroethyl)ether	6.53	93	530913	49.83	ng	# 85
12) 1,3-Dichlorobenzene	6.73	146	504927	46.20	ng	# 95
13) 1,4-Dichlorobenzene	6.81	146	521750	45.40	ng	# 95
14) 1,2-Dichlorobenzene	6.81	146	525236	47.68	ng	# 98
15) Benzyl Alcohol	6.93	79	317335	41.35	ng	# 77
16) 2,2'-oxybis(1-Chloropropan	7.07	45	498817	47.05	ng	# 55
17) 2-Methylphenol	7.06	107	402848	49.56	ng	# 85
18) Hexachloroethane	7.30	117	178256	42.62	ng	# 83
19) n-Nitroso-di-n-propylamine	7.21	70	322139	47.69	ng	# 70
20) 3+4-Methylphenols	7.21	107	463831	49.29	ng	# 59
22) Acetophenone	7.21	105	655239	49.17	ng	# 85
24) Nitrobenzene	7.38	77	517525	49.45	ng	# 81
25) Isophorone	7.62	82	1012864	50.44	ng	# 93
26) 2-Nitrophenol	7.70	139	272512	48.61	ng	# 93
27) 2,4-Dimethylphenol	7.74	122	495171	54.55	ng	# 86
28) bis(2-Chloroethoxy)methane	7.84	93	617421	54.06	ng	# 96
29) 2,4-Dichlorophenol	7.94	162	432487	51.46	ng	# 96
30) 1,2,4-Trichlorobenzene	8.02	180	461483	47.51	ng	# 99
31) Naphthalene	8.10	128	1464936	48.38	ng	# 97
32) Benzoic acid	7.88	122	274068	41.59	ng	# 78
33) 4-Chloroaniline	8.17	127	43897	3.59	ng	# 93
34) Hexachlorobutadiene	8.21	225	250590	43.88	ng	# 98
35) Caprolactam	8.58	113	34396	13.18	ng	# 100
36) 4-Chloro-3-methylphenol	8.65	107	495914	54.25	ng	# 87
37) 2-Methylnaphthalene	8.78	142	980620	50.14	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	454995	47.20	ng	# 99
40) Hexachlorocyclopentadiene	8.94	237	499463	112.62	ng	# 96

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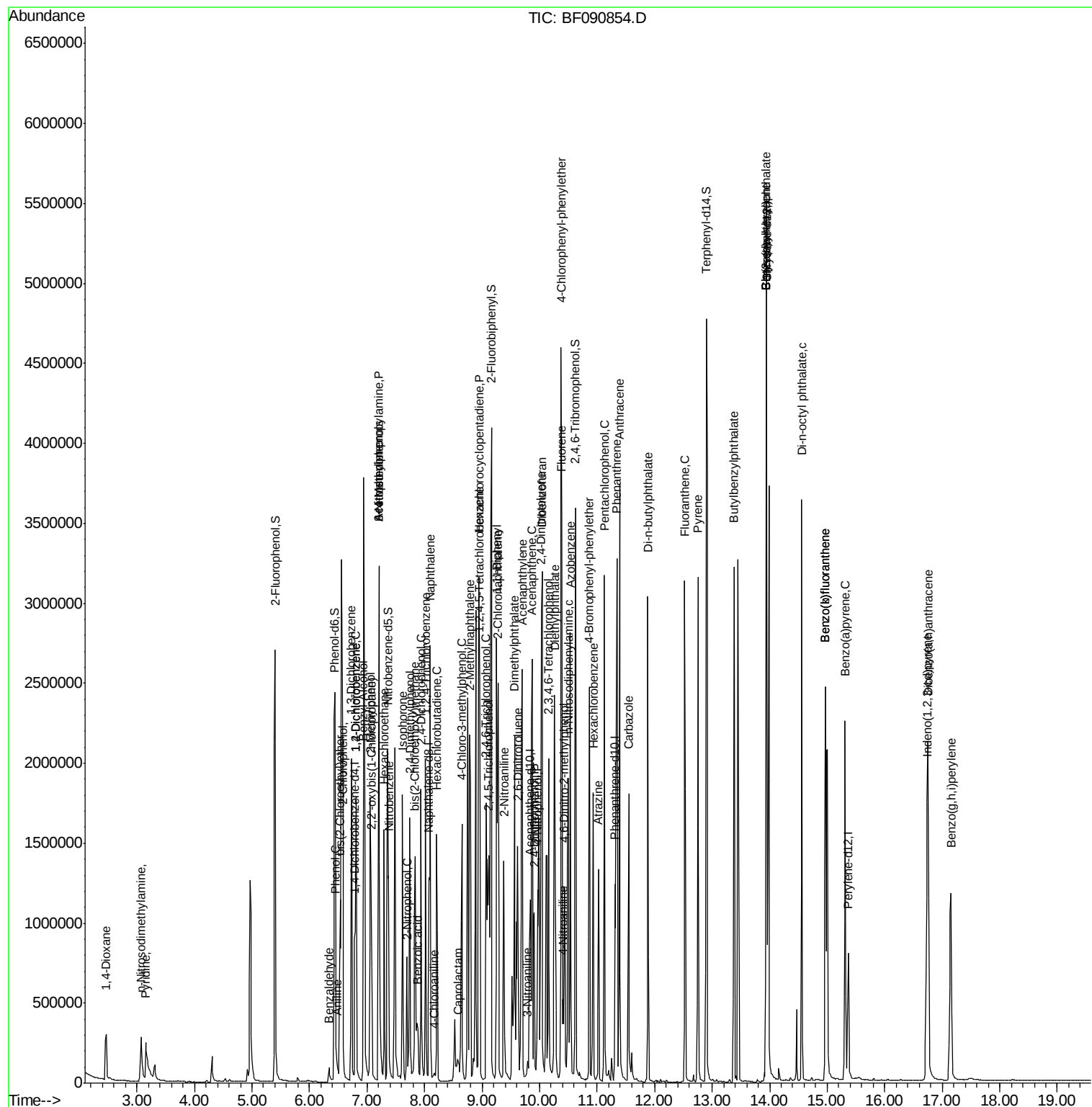
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	305049	49.01	ng	98
43) 2,4,5-Trichlorophenol	9.12	196	344495	53.74	ng #	91
45) 1,1'-Biphenyl	9.25	154	1169647	46.21	ng	93
46) 2-Chloronaphthalene	9.28	162	933085	48.46	ng #	90
47) 2-Nitroaniline	9.38	65	295573	54.41	ng #	79
48) Acenaphthylene	9.70	152	1563899	53.64	ng	97
49) Dimethylphthalate	9.56	163	1112898	47.40	ng #	97
50) 2,6-Dinitrotoluene	9.62	165	250096	48.23	ng #	64
51) Acenaphthene	9.87	154	1106715	55.12	ng	89
52) 3-Nitroaniline	9.79	138	37240	6.75	ng #	69
53) 2,4-Dinitrophenol	9.90	184	308310	112.95	ng #	83
54) Dibenzofuran	10.04	168	1494854	57.69	ng #	89
55) 4-Nitrophenol	9.96	139	335899	99.78	ng #	61
56) 2,4-Dinitrotoluene	10.03	165	402697	62.52	ng #	92
57) Fluorene	10.38	166	1201172	56.60	ng	92
58) 2,3,4,6-Tetrachlorophenol	10.16	232	293887	51.34	ng	99
59) Diethylphthalate	10.26	149	1217282	52.20	ng	97
60) 4-Chlorophenyl-phenylether	10.37	204	532525	51.40	ng #	87
61) 4-Nitroaniline	10.41	138	166396	30.44	ng #	59
62) Azobenzene	10.53	77	1261649	55.02	ng	86
64) 4,6-Dinitro-2-methylphenol	10.43	198	185983	45.85	ng	89
65) n-Nitrosodiphenylamine	10.50	169	699110	37.31	ng	91
66) 4-Bromophenyl-phenylether	10.86	248	367969	54.93	ng	95
67) Hexachlorobenzene	10.93	284	406330	51.25	ng #	77
68) Atrazine	11.02	200	163826	28.26	ng	84
69) Pentachlorophenol	11.13	266	478762	112.56	ng	96
70) Phenanthrene	11.34	178	1710096	54.89	ng	95
71) Anthracene	11.39	178	1569388	47.84	ng	95
72) Carbazole	11.55	167	1015255	35.05	ng	96
73) Di-n-butylphthalate	11.88	149	1727963	46.27	ng #	97
74) Fluoranthene	12.52	202	1664981	48.80	ng	95
77) Pyrene	12.75	202	1599759	53.23	ng	94
79) Butylbenzylphthalate	13.38	149	777448	57.02	ng	92
80) Benzo(a)anthracene	13.94	228	1420808	56.38	ng	95
82) Chrysene	13.94	228	1420808	55.74	ng	96
83) Bis(2-ethylhexyl)phthalate	13.94	149	1139789	64.19	ng #	93
84) Di-n-octyl phthalate	14.56	149	1868423	62.66	ng #	89
85) Indeno(1,2,3-cd)pyrene	16.74	276	1206693	53.42	ng #	94
87) Benzo(b)fluoranthene	14.97	252	1250735	54.82	ng #	88
88) Benzo(k)fluoranthene	14.97	252	1250735	69.37	ng #	88
89) Benzo(a)pyrene	15.31	252	1114915	56.87	ng #	88
90) Dibenzo(a,h)anthracene	16.75	278	1055416	63.60	ng #	85
91) Benzo(g,h,i)perylene	17.15	276	999352	63.94	ng #	77

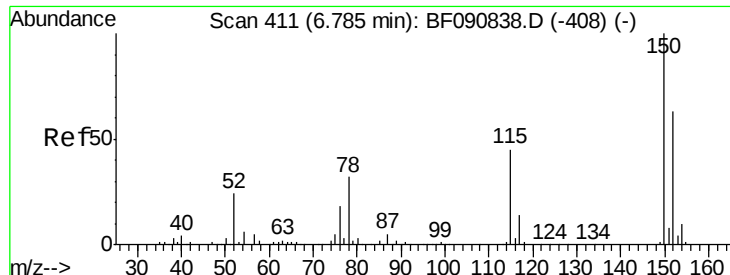
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

Instrument :

BNA_F

ClientSampleId :

C0AA0MS

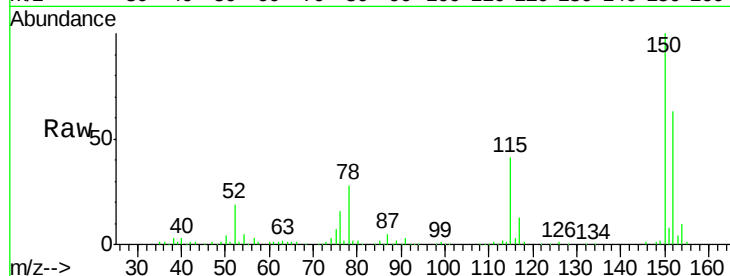
Tgt Ion:152 Resp: 151428

Ion Ratio Lower Upper

152 100

150 159.0 124.7 187.1

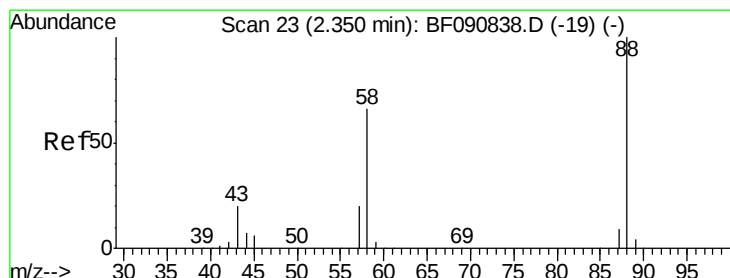
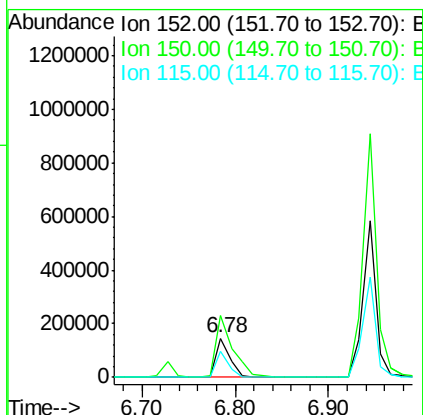
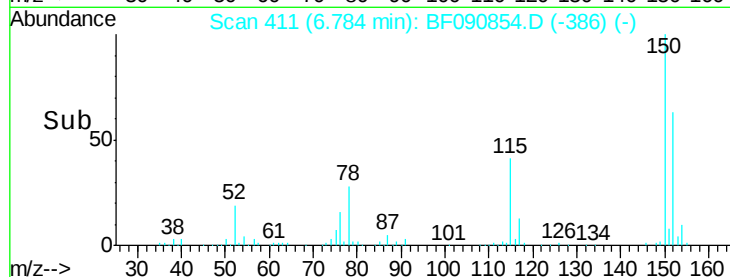
115 65.5 39.0 58.4#



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: 40.24 ng

RT: 2.46 min Scan# 33

Delta R.T. 0.11 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

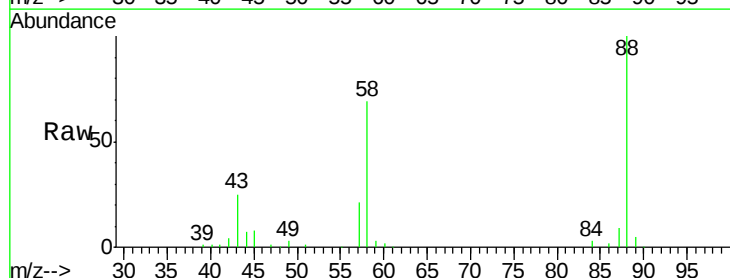
Tgt Ion: 88 Resp: 178189

Ion Ratio Lower Upper

88 100

58 69.4 77.7 116.5#

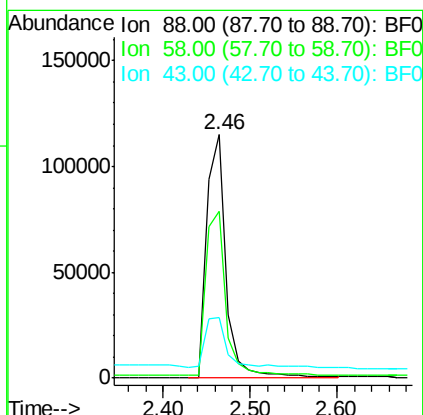
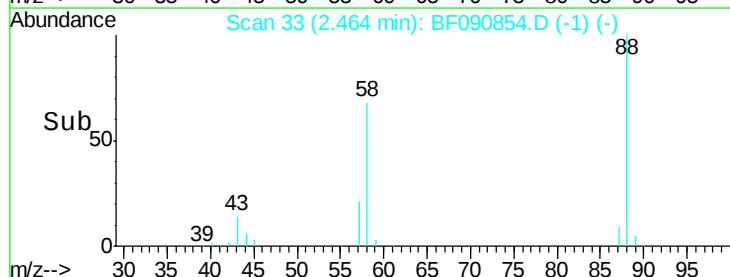
43 22.7 26.6 40.0#

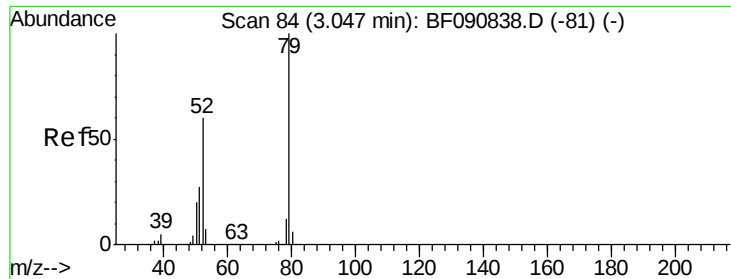


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 25.83 ng

RT: 3.15 min Scan# 93

Delta R.T. 0.09 min

Lab File: BF090854.D

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Instrument :

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C0AA0MS

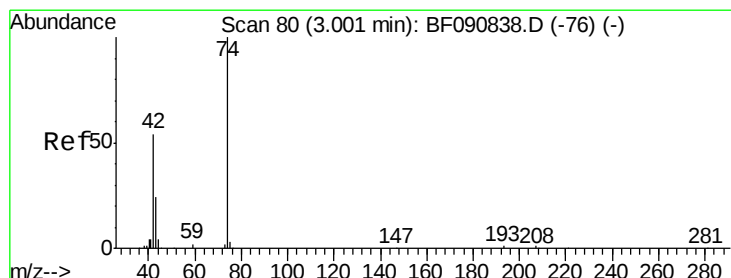
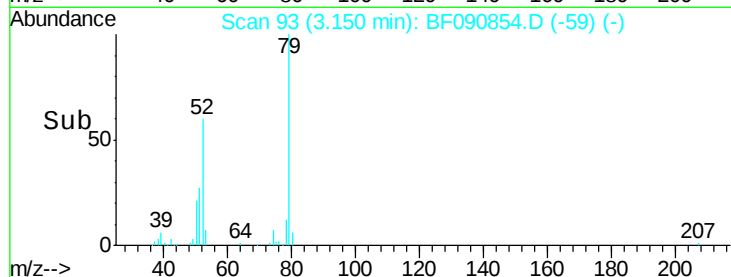
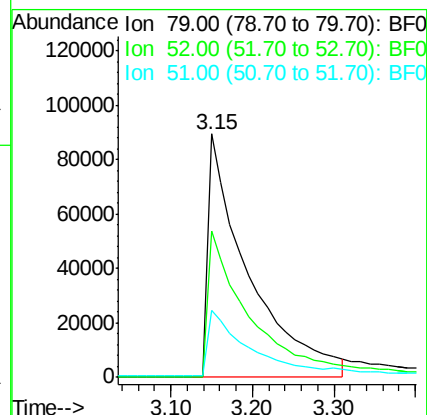
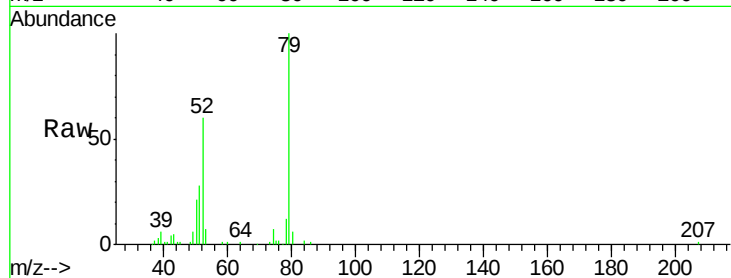
Tgt Ion: 79 Resp: 310222

Ion Ratio Lower Upper

79 100

52 59.9 76.8 115.2#

51 27.7 32.2 48.4#



#4

n-Nitrosodimethylamine

Concen: 49.89 ng

RT: 3.07 min Scan# 86

Delta R.T. 0.06 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

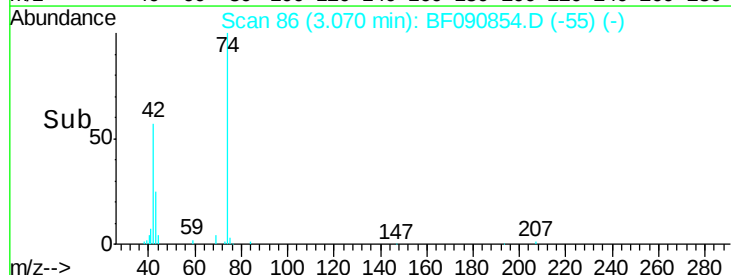
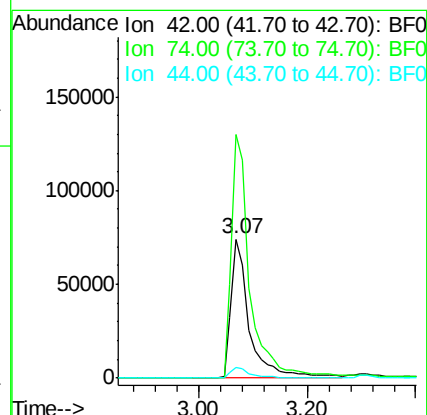
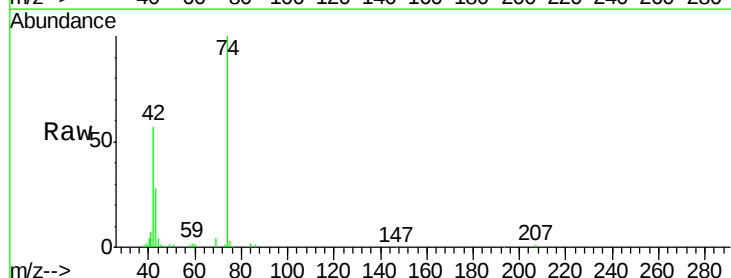
Tgt Ion: 42 Resp: 168714

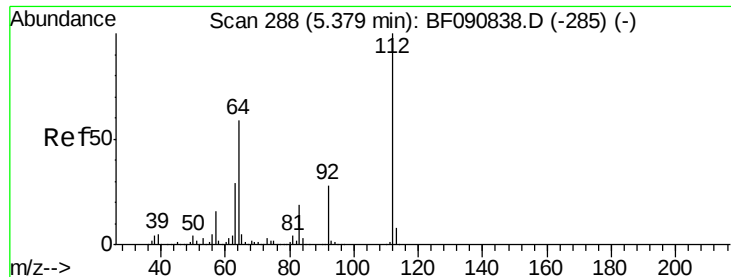
Ion Ratio Lower Upper

42 100

74 175.5 105.0 157.6#

44 7.5 6.6 10.0





#5

2-Fluorophenol

Concen: 137.60 ng

RT: 5.40 min Scan# 290

Delta R.T. 0.01 min

Lab File: BF090854.D

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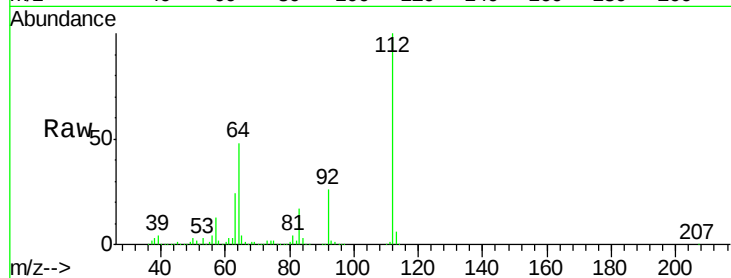
Tgt Ion:112 Resp: 1191724

Ion Ratio Lower Upper

112 100

64 48.0 39.7 59.5

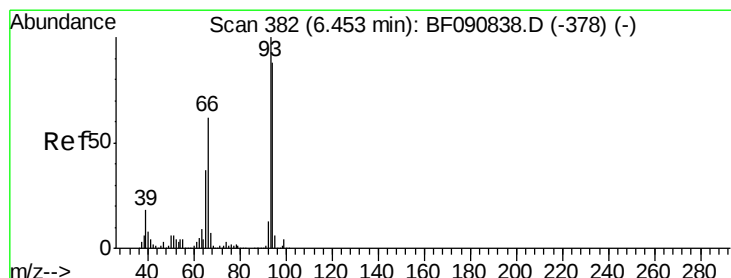
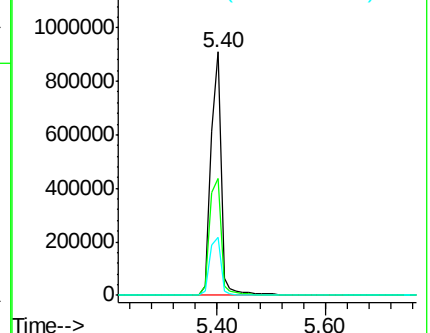
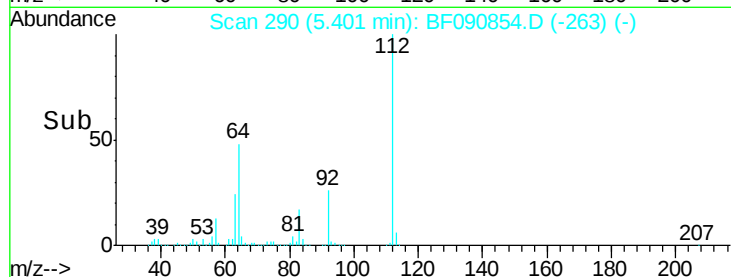
63 24.1 17.4 26.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 4.34 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

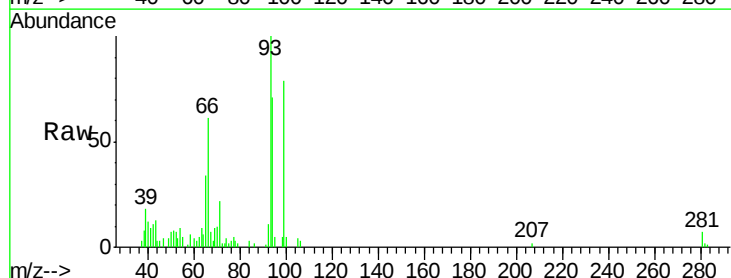
Tgt Ion: 93 Resp: 57905

Ion Ratio Lower Upper

93 100

66 60.9 27.2 40.8#

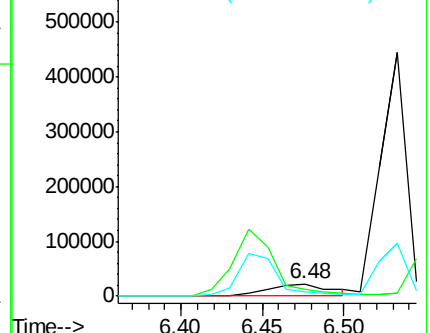
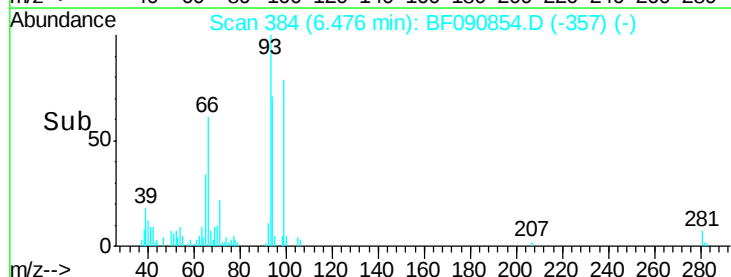
65 33.6 14.7 22.1#

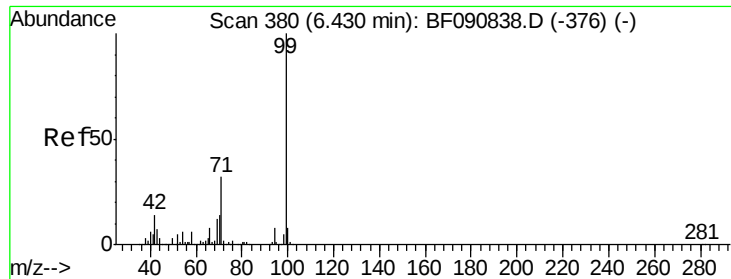


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 121.15 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

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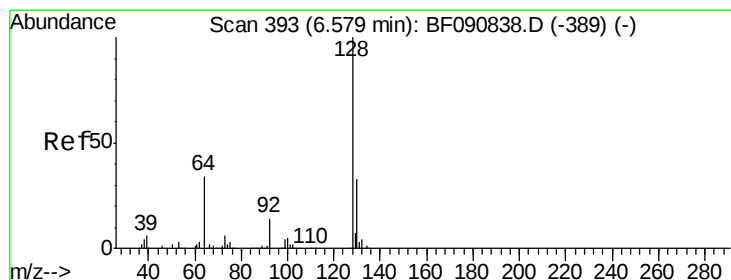
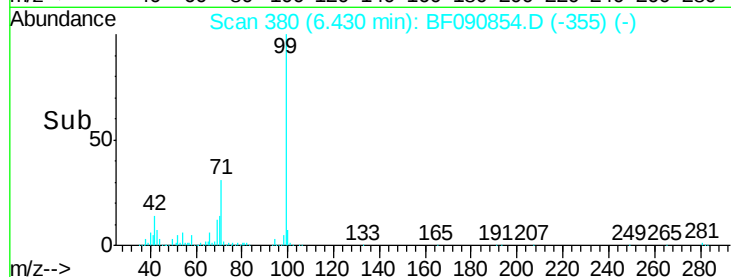
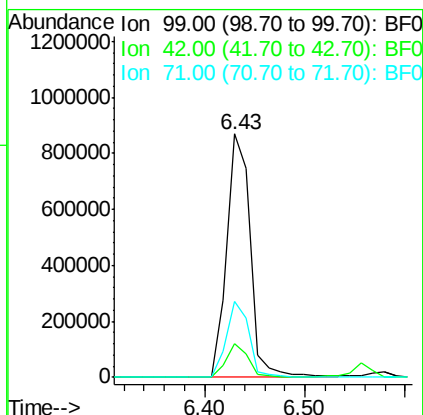
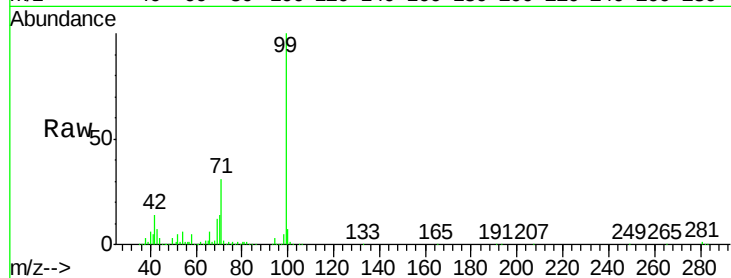
Tgt Ion: 99 Resp: 1415622

Ion Ratio Lower Upper

99 100

42 13.8 13.7 20.5

71 31.2 14.2 21.2#



#8

2-Chlorophenol

Concen: 45.73 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

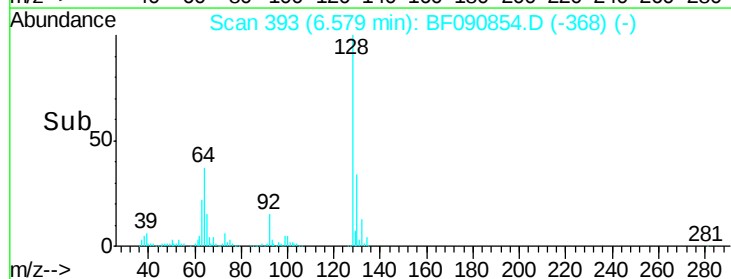
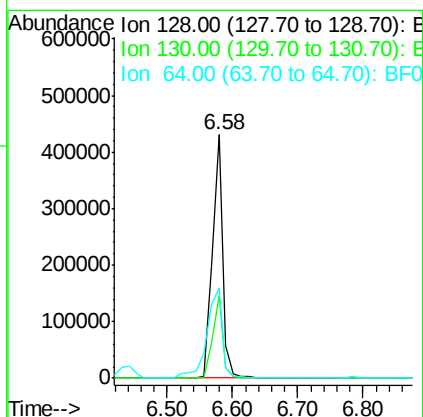
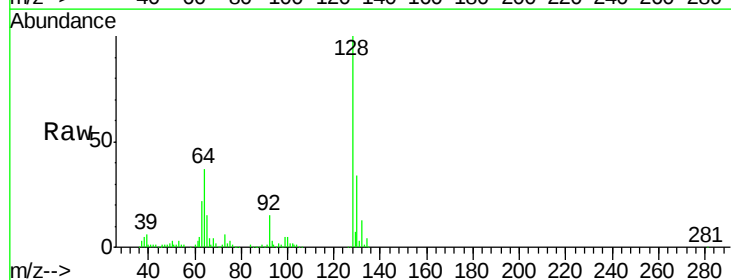
Tgt Ion: 128 Resp: 488592

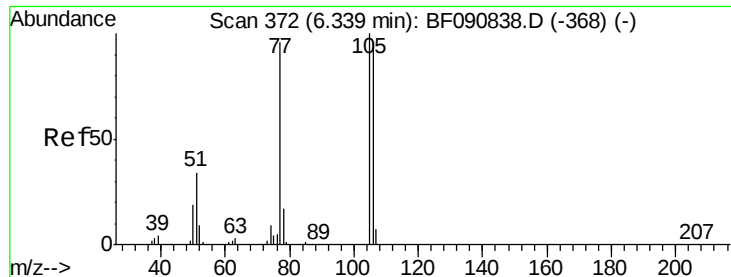
Ion Ratio Lower Upper

128 100

130 33.9 12.2 52.2

64 37.0 20.5 60.5





#9

Benzaldehyde

Concen: 7.64 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.00 min

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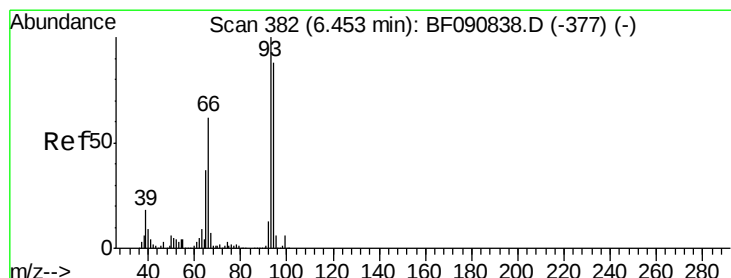
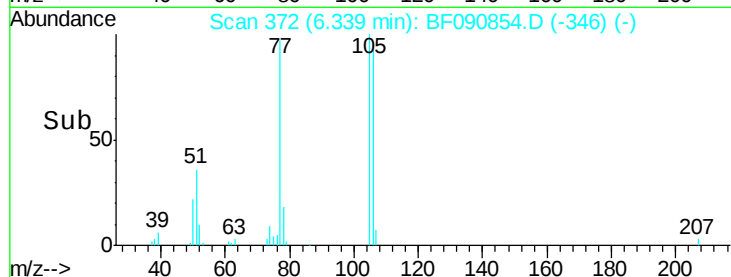
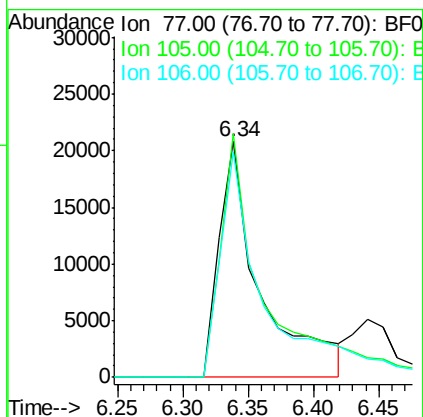
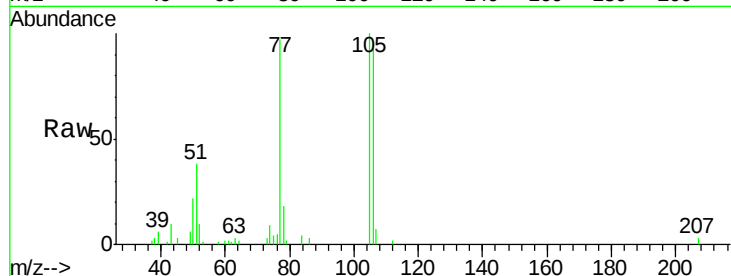
Tgt Ion: 77 Resp: 46123

Ion Ratio Lower Upper

77 100

105 103.2 91.6 131.6

106 95.9 102.6 142.6#



#10

Phenol

Concen: 35.88 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

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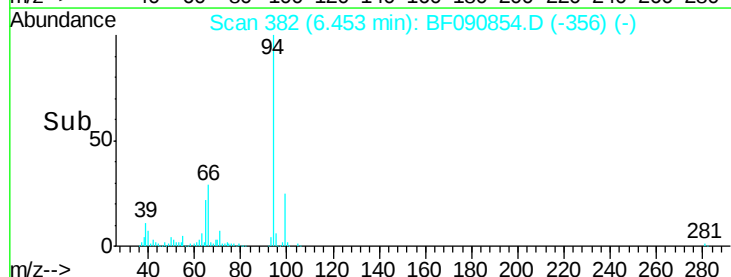
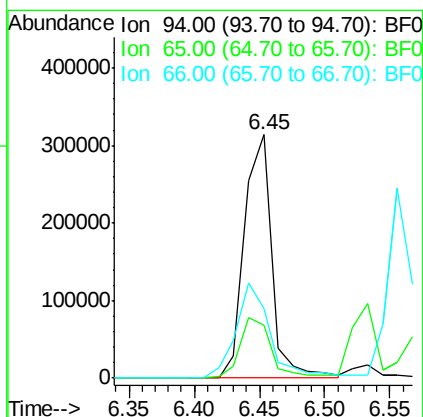
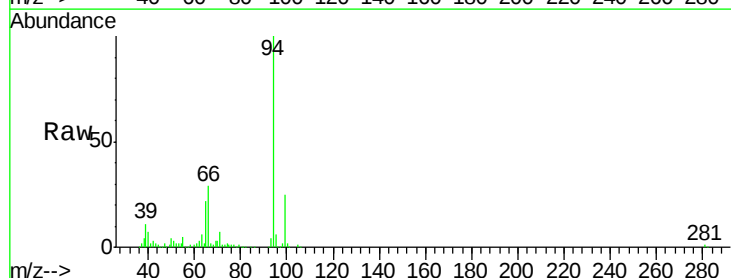
Tgt Ion: 94 Resp: 462029

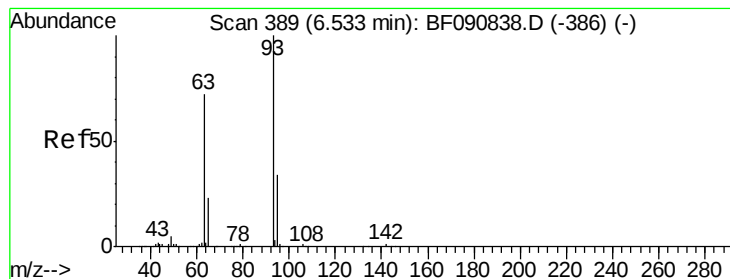
Ion Ratio Lower Upper

94 100

65 21.9 0.7 40.7

66 28.7 0.8 40.8





#11

bis(2-Chloroethyl)ether

Concen: 49.83 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

Instrument :

BNA_F

ClientSampleId :

C0AA0MS

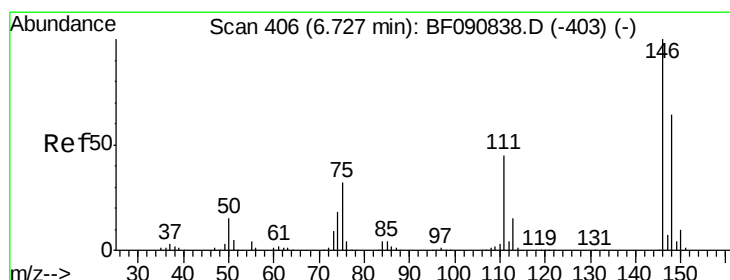
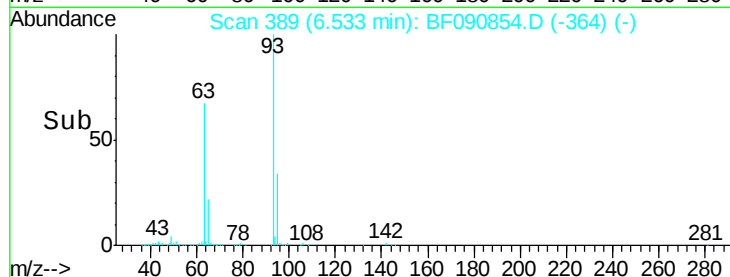
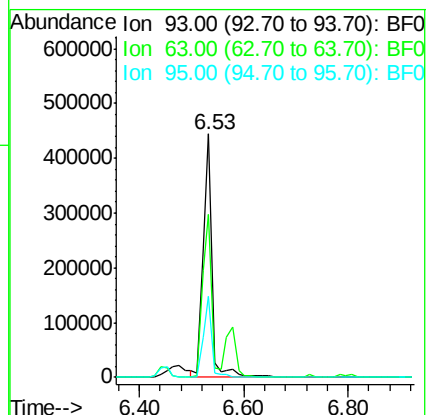
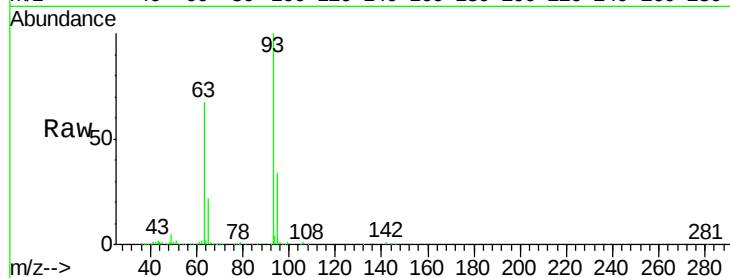
Tgt Ion: 93 Resp: 530913

Ion Ratio Lower Upper

93 100

63 66.9 65.6 105.6

95 33.5 13.6 53.6



#12

1,3-Dichlorobenzene

Concen: 46.20 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

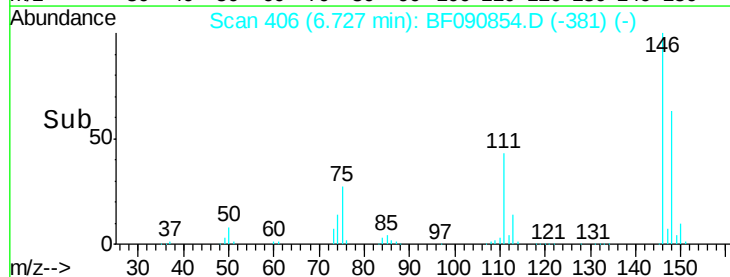
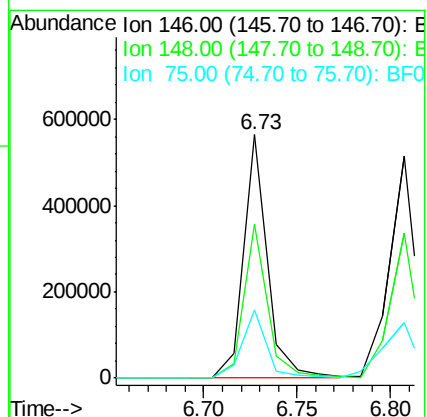
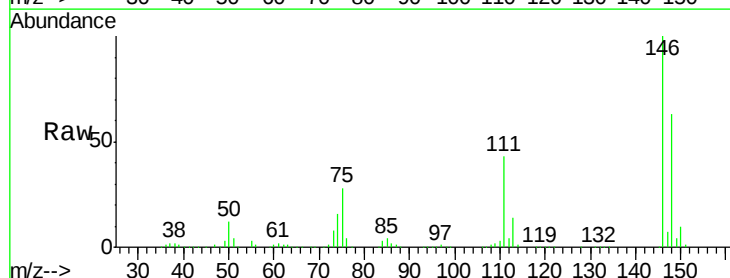
Tgt Ion: 146 Resp: 504927

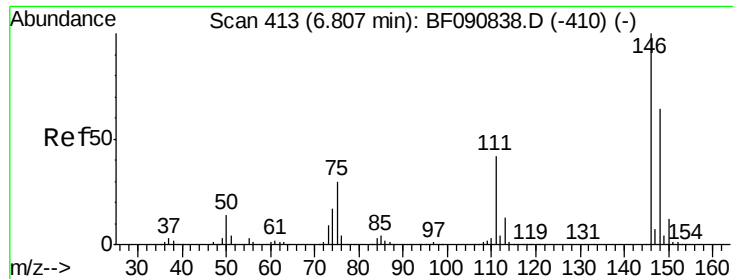
Ion Ratio Lower Upper

146 100

148 63.3 51.0 76.4

75 27.9 15.0 22.6#

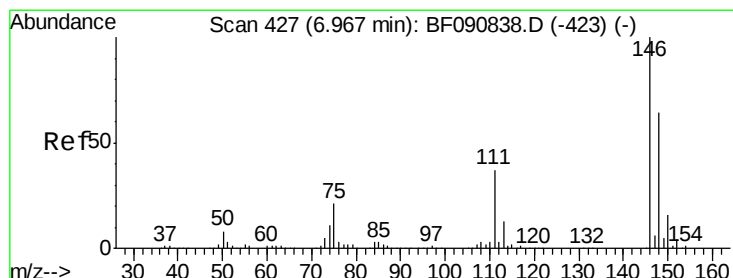
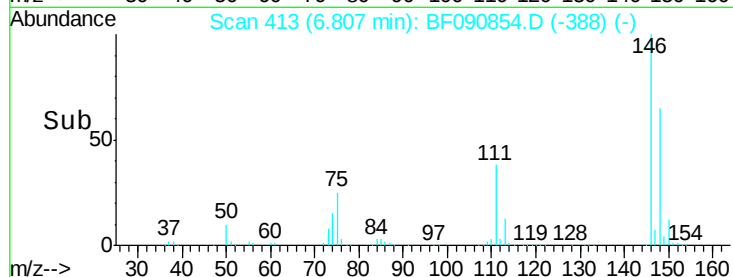
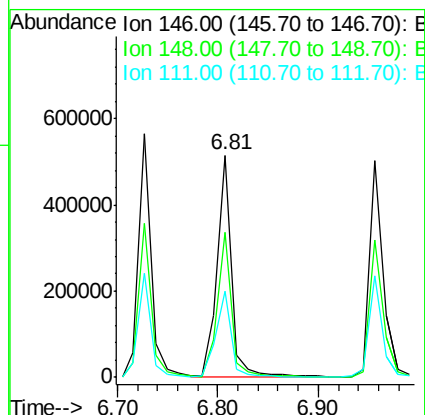
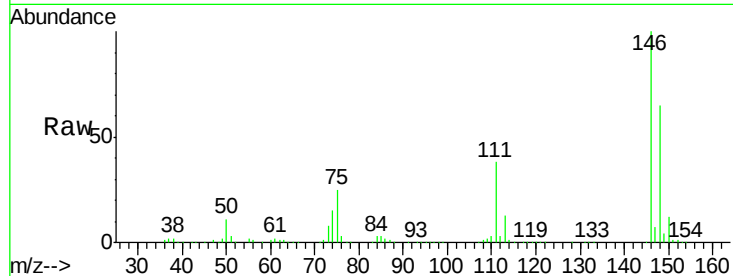




#13
 1,4-Dichlorobenzene
 Concen: 45.40 ng
 RT: 6.81 min Scan# 413
 Delta R.T. -0.01 min
 Lab File: BF090854.D
 Acq: 26 Oct 2016 21:43

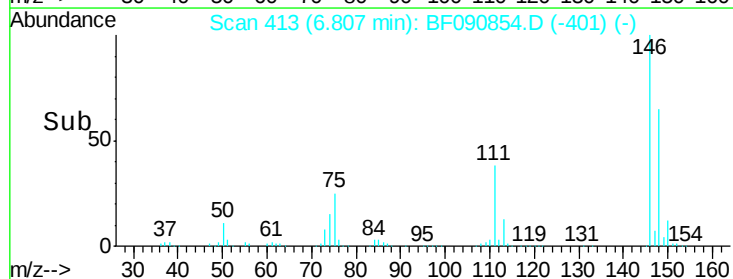
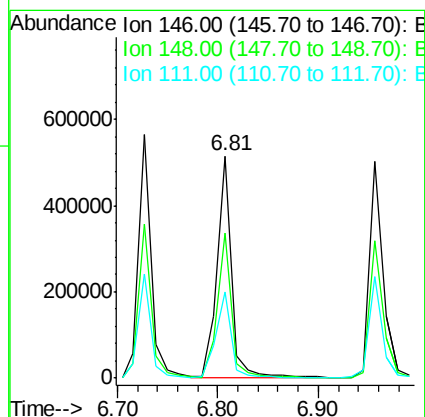
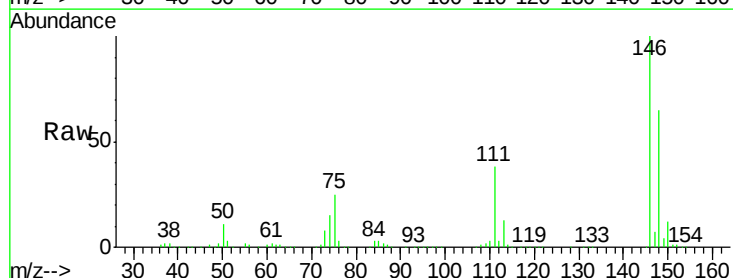
Instrument :
 BNA_F
 ClientSampleId :
 C0AA0MS

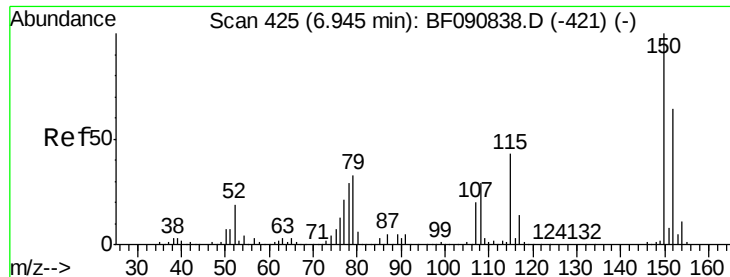
Tgt Ion:146 Resp: 521750
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.8 77.6
 111 38.5 24.9 37.3#



#14
 1,2-Dichlorobenzene
 Concen: 47.68 ng
 RT: 6.81 min Scan# 413
 Delta R.T. -0.16 min
 Lab File: BF090854.D
 Acq: 26 Oct 2016 21:43

Tgt Ion:146 Resp: 525236
 Ion Ratio Lower Upper
 146 100
 148 65.1 52.7 79.1
 111 38.5 28.8 43.2

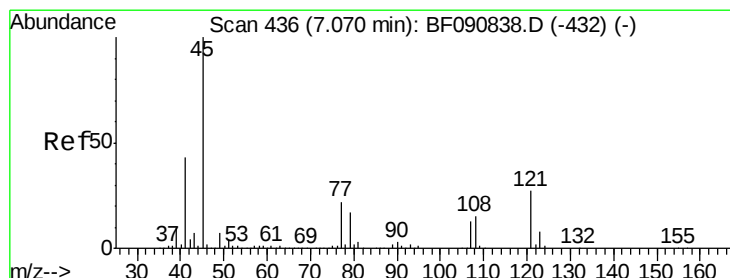
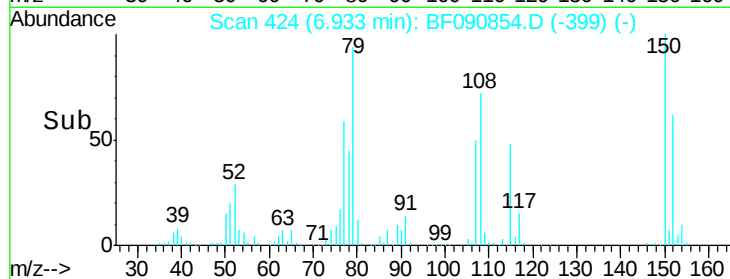
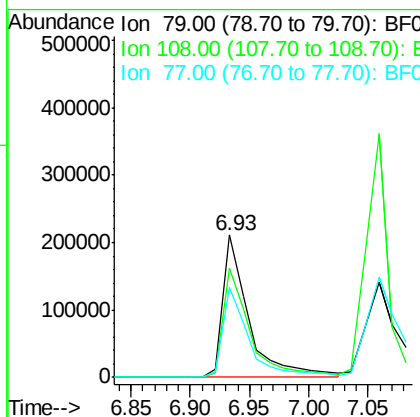
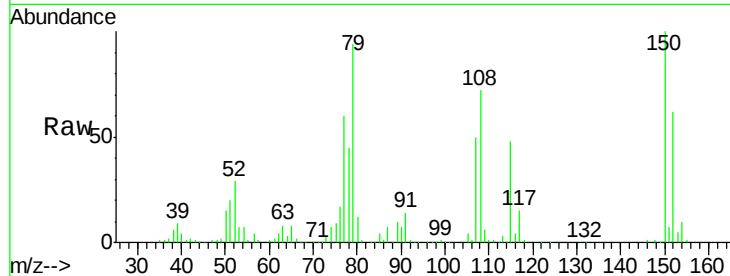




#15
Benzyl Alcohol
Concen: 41.35 ng
RT: 6.93 min Scan# 424
Delta R.T. -0.01 min
Lab File: BF090854.D
Acq: 26 Oct 2016 21:43

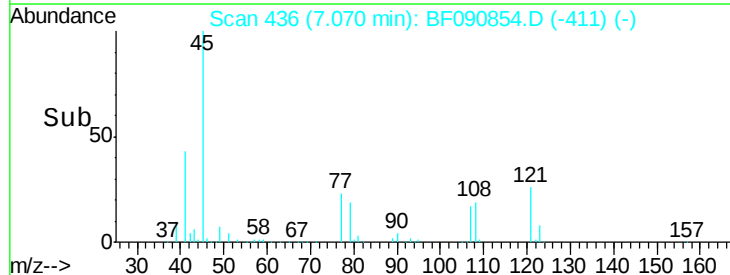
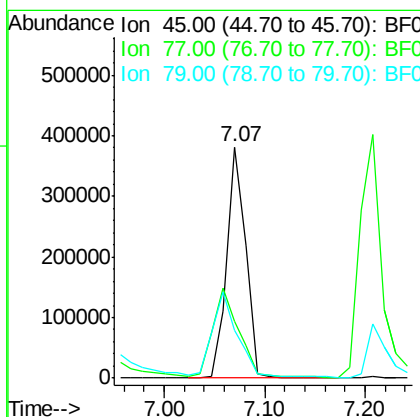
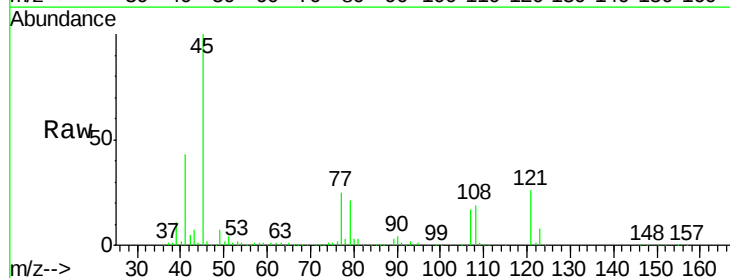
Instrument :
BNA_F
ClientSampleId :
C0AA0MS

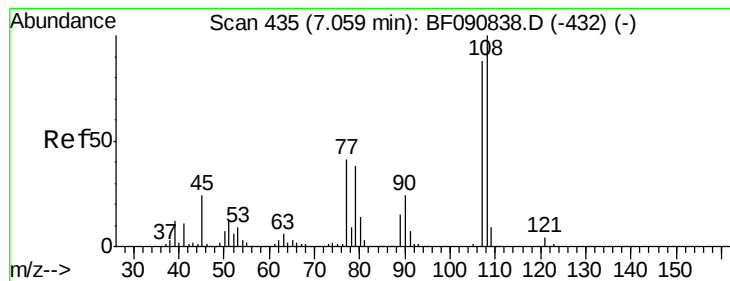
Tgt Ion: 79 Resp: 317335
Ion Ratio Lower Upper
79 100
108 76.4 88.6 132.8#
77 63.2 47.0 70.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.05 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.01 min
Lab File: BF090854.D
Acq: 26 Oct 2016 21:43

Tgt Ion: 45 Resp: 498817
Ion Ratio Lower Upper
45 100
77 24.7 0.0 28.1
79 20.6 0.0 26.0





#17

2-Methylphenol

Concen: 49.56 ng

RT: 7.06 min Scan# 435

Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

Instrument :

BNA_F

ClientSampleId :

C0AA0MS

Tgt Ion:107 Resp: 402848

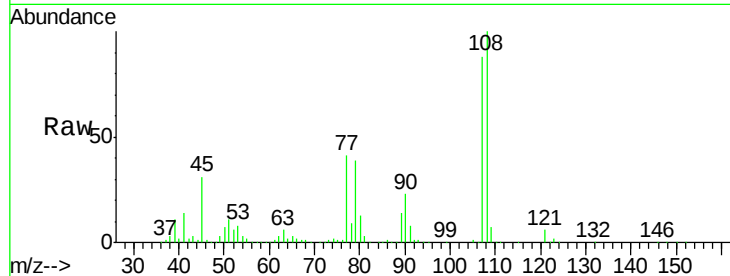
Ion Ratio Lower Upper

107 100

108 113.7 96.6 145.0

77 46.7 23.3 34.9#

79 44.6 22.0 33.0#

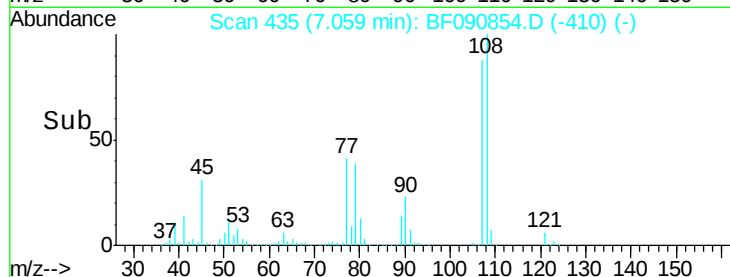


Abundance Ion 107.00 (106.70 to 107.70): E

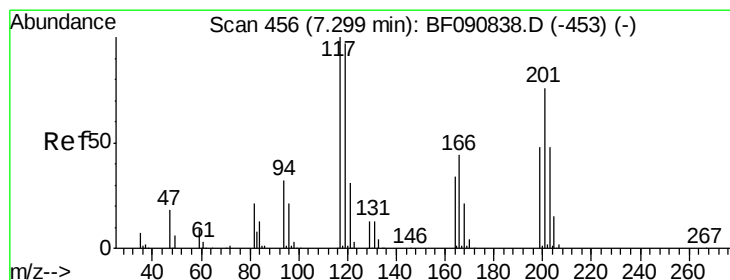
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 42.62 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

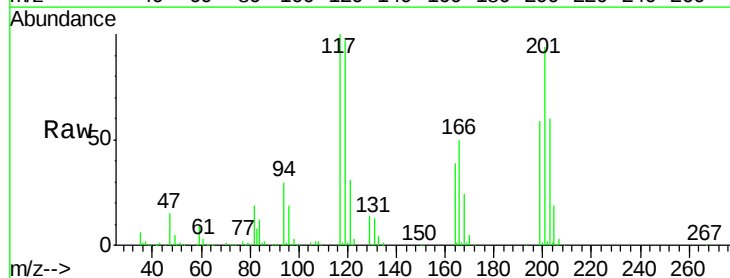
Tgt Ion:117 Resp: 178256

Ion Ratio Lower Upper

117 100

119 96.8 83.8 125.6

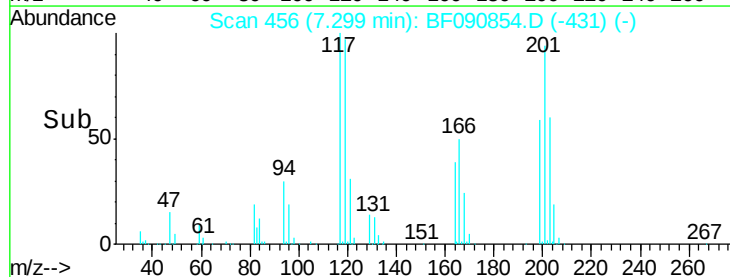
201 93.7 55.1 82.7#



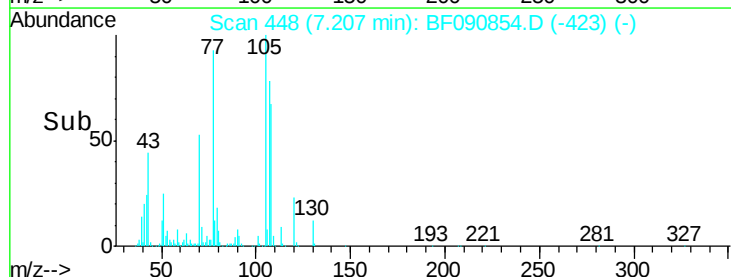
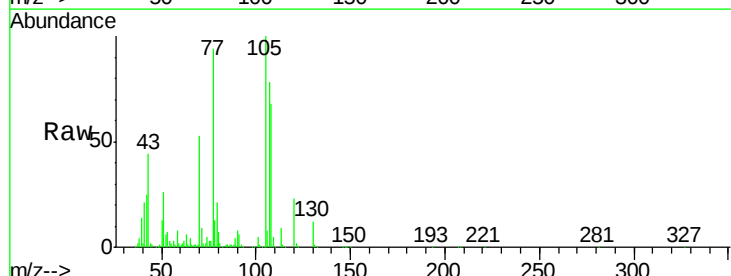
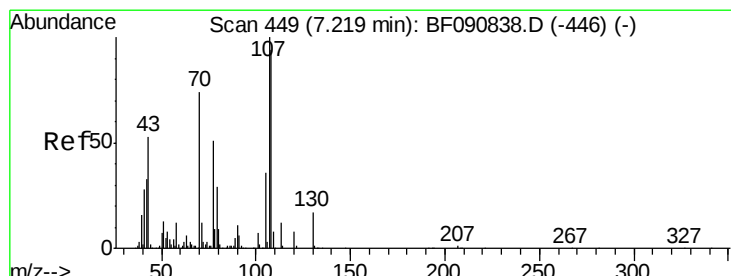
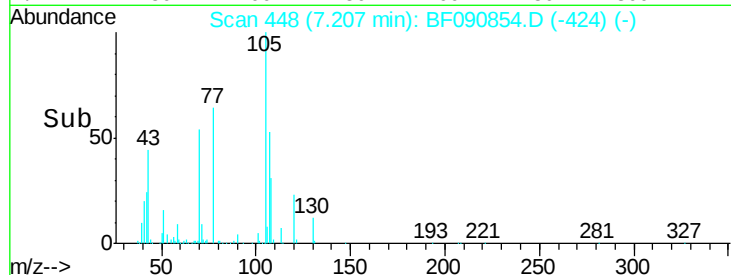
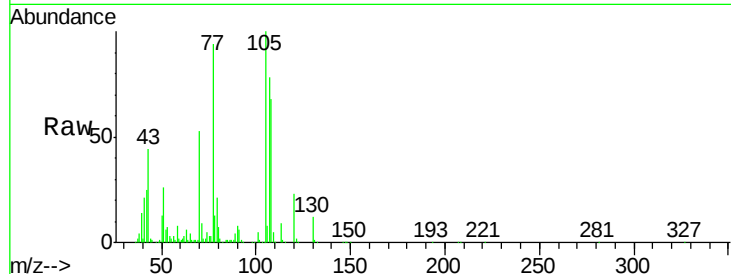
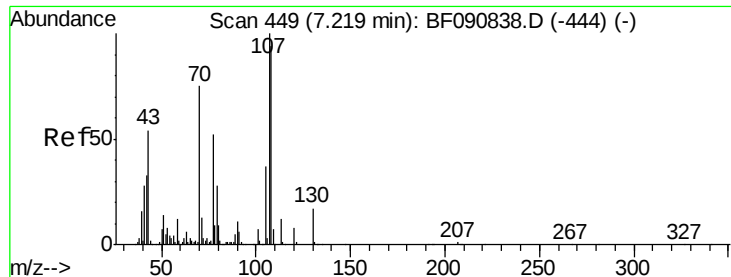
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



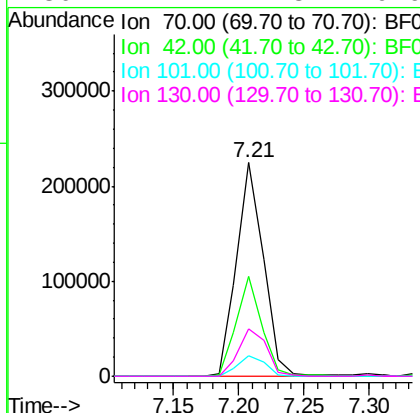
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 47.69 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.02 min
Lab File: BF090854.D
Acq: 26 Oct 2016 21:43

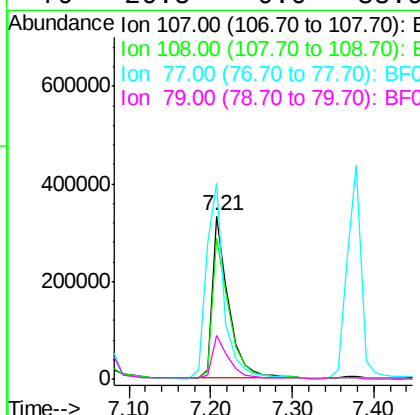
Instrument :
BNA_F
ClientSampleId :
C0AA0MS

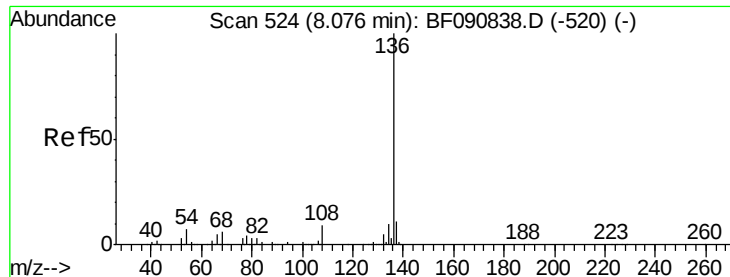
Tgt Ion: 70 Resp: 322139
Ion Ratio Lower Upper
70 100
42 46.6 63.8 95.6#
101 9.4 9.2 13.8
130 22.1 27.3 40.9#



#20
3+4-Methylphenols
Concen: 49.29 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF090854.D
Acq: 26 Oct 2016 21:43

Tgt Ion:107 Resp: 463831
Ion Ratio Lower Upper
107 100
108 86.7 74.6 114.6
77 120.3 0.7 40.7#
79 26.5 0.0 38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

Instrument :

BNA_F

ClientSampleId :

C0AA0MS

Tgt Ion:136 Resp: 647739

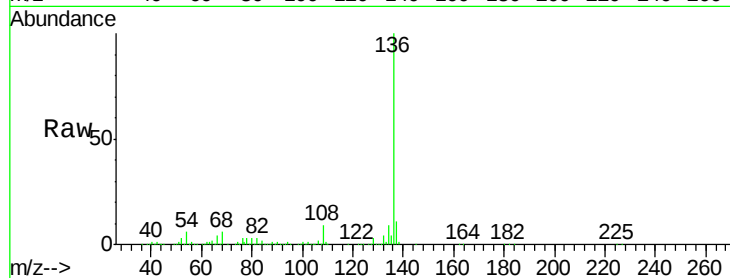
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 6.2 8.2 12.2#

68 5.8 5.8 8.6

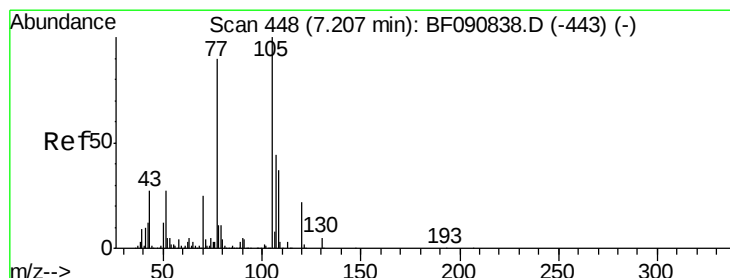
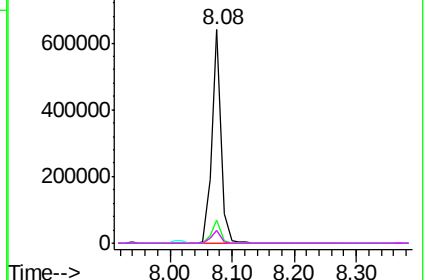
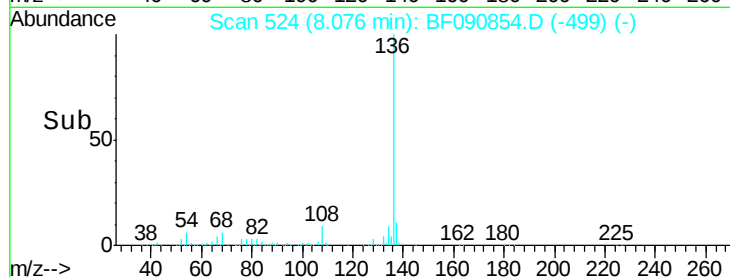


Abundance Ion 136.00 (135.70 to 136.70): E

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: 49.17 ng

RT: 7.21 min Scan# 448

Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

Tgt Ion:105 Resp: 655239

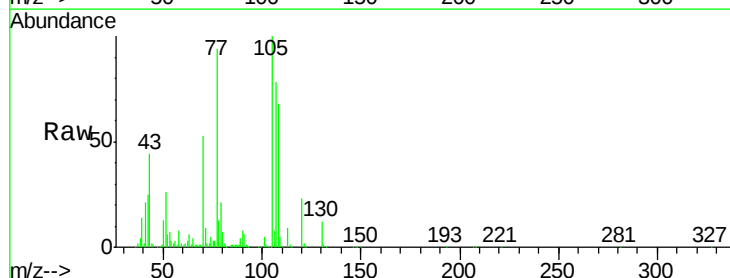
Ion Ratio Lower Upper

105 100

71 8.8 4.7 7.1#

51 26.0 22.0 33.0

120 22.6 30.1 45.1#

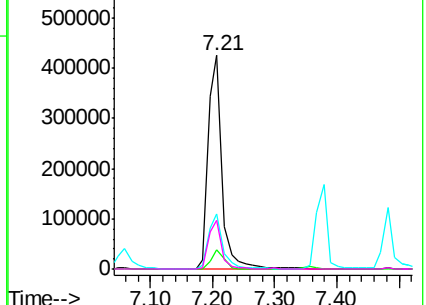
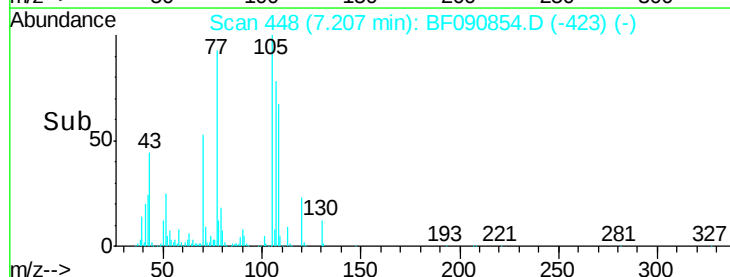


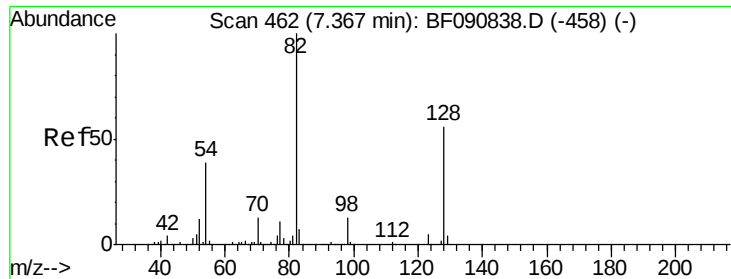
Abundance Ion 105.00 (104.70 to 105.70): E

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

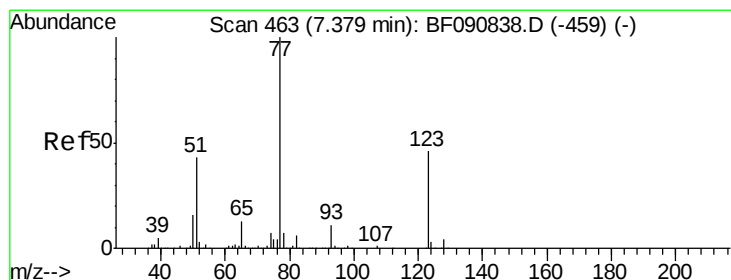
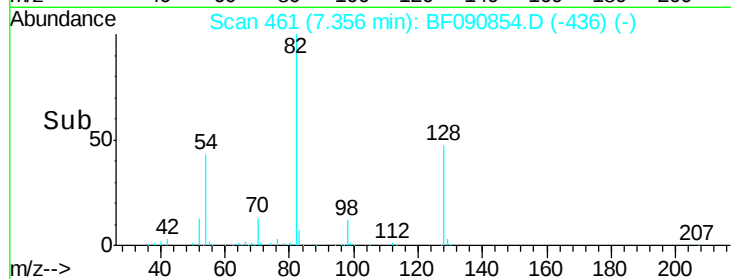
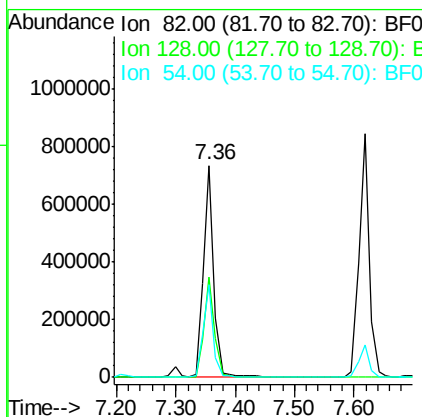
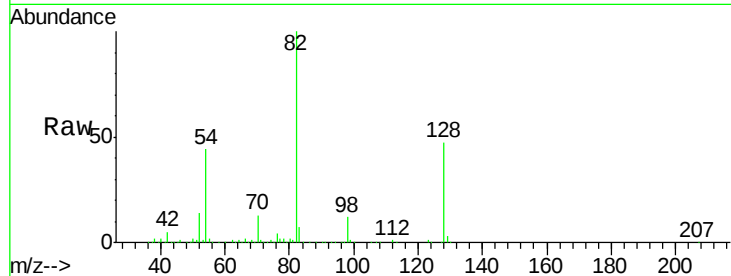




#23
 Nitrobenzene-d5
 Concen: 94.05 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF090854.D
 Acq: 26 Oct 2016 21:43

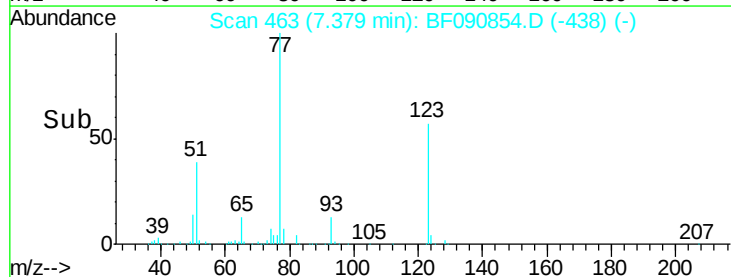
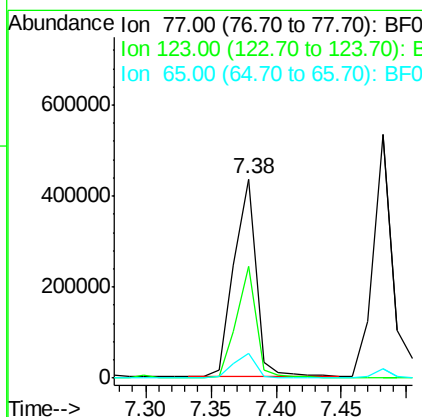
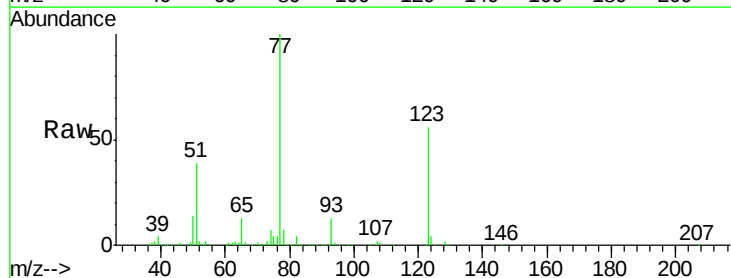
Instrument :
 BNA_F
 ClientSampleId :
 C0AA0MS

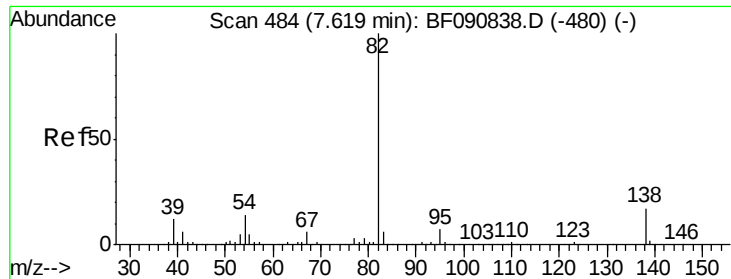
Tgt Ion: 82 Resp: 930551
 Ion Ratio Lower Upper
 82 100
 128 47.3 51.0 76.6#
 54 43.5 47.5 71.3#



#24
 Nitrobenzene
 Concen: 49.45 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.01 min
 Lab File: BF090854.D
 Acq: 26 Oct 2016 21:43

Tgt Ion: 77 Resp: 517525
 Ion Ratio Lower Upper
 77 100
 123 56.0 59.8 89.8#
 65 12.5 10.2 15.4





#25

Isophorone

Concen: 50.44 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

Instrument :

BNA_F

ClientSampleId :

C0AA0MS

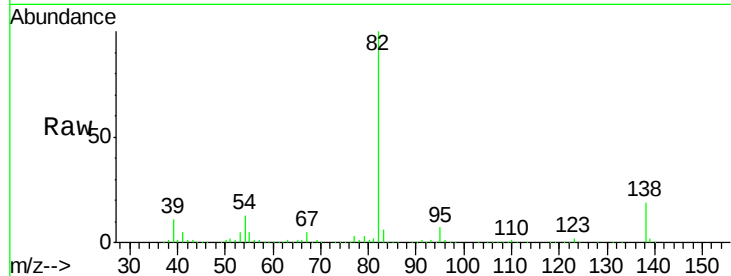
Tgt Ion: 82 Resp: 1012864

Ion Ratio Lower Upper

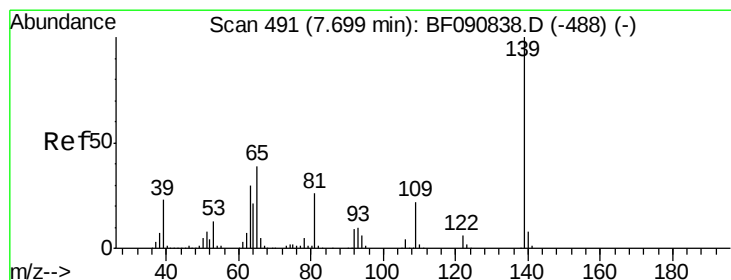
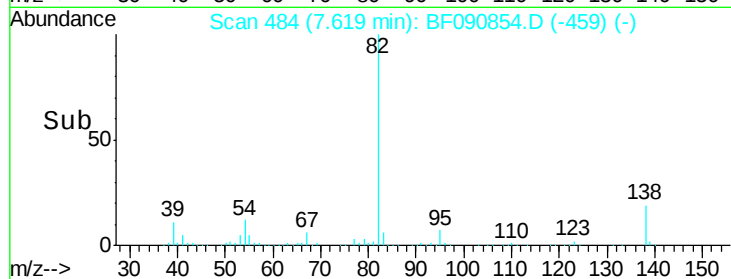
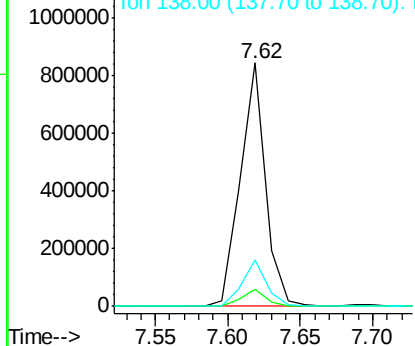
82 100

95 7.0 4.0 6.0#

138 19.2 18.3 27.5



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 48.61 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

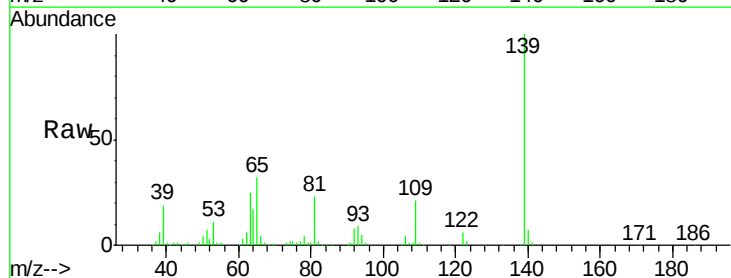
Tgt Ion: 139 Resp: 272512

Ion Ratio Lower Upper

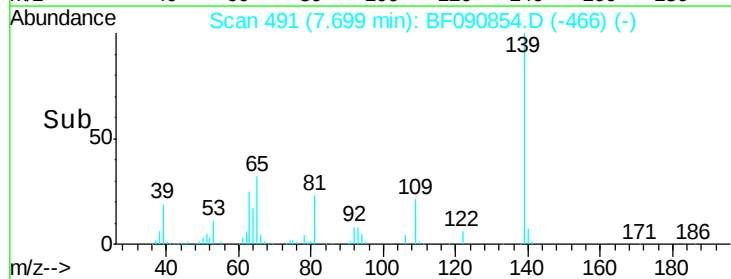
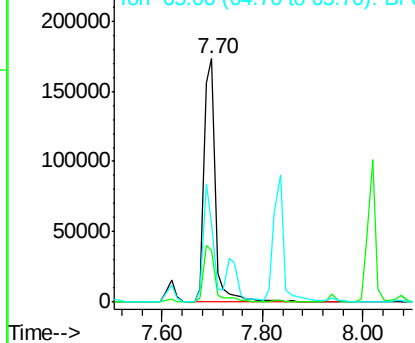
139 100

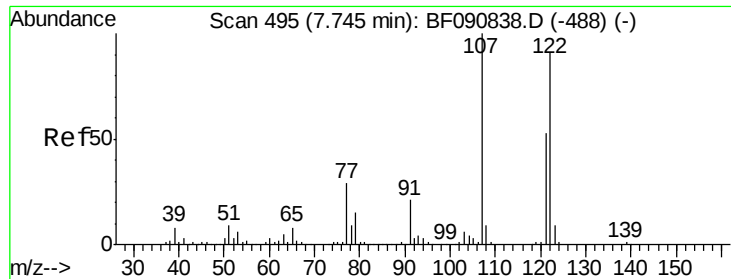
109 21.0 11.0 16.4#

65 32.3 24.7 37.1



Abundance Ion 139.00 (138.70 to 139.70): BF0
Ion 109.00 (108.70 to 109.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 54.55 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

Instrument :

BNA_F

ClientSampleId :

C0AA0MS

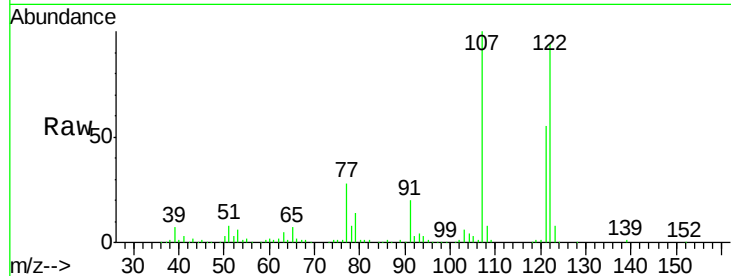
Tgt Ion:122 Resp: 495171

Ion Ratio Lower Upper

122 100

107 106.3 71.8 107.6

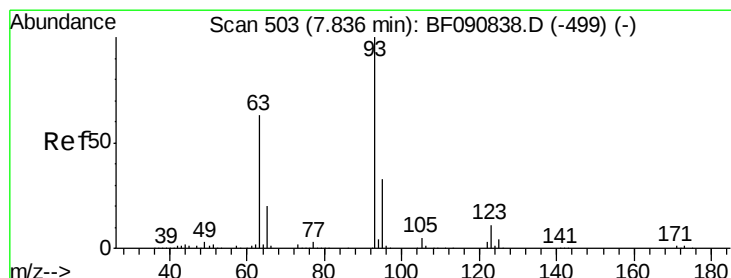
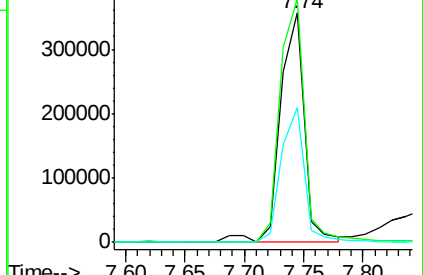
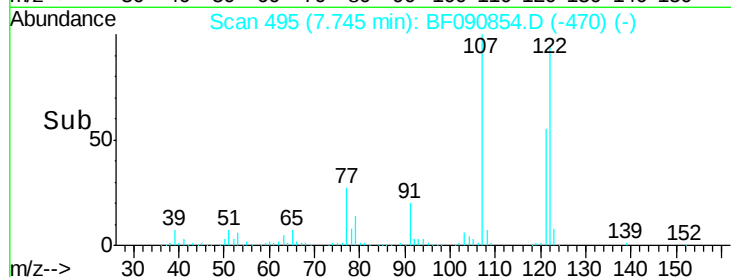
121 58.7 42.3 63.5



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: 54.06 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

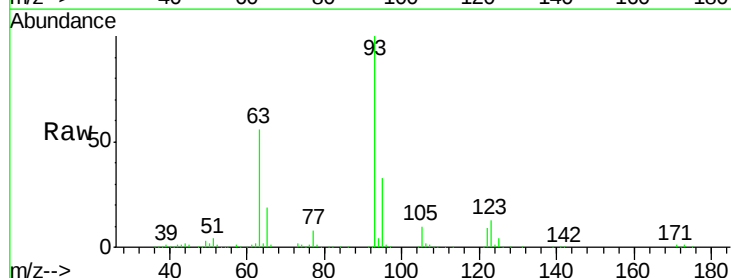
Tgt Ion: 93 Resp: 617421

Ion Ratio Lower Upper

93 100

95 33.4 27.5 41.3

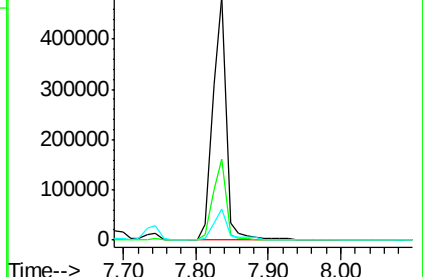
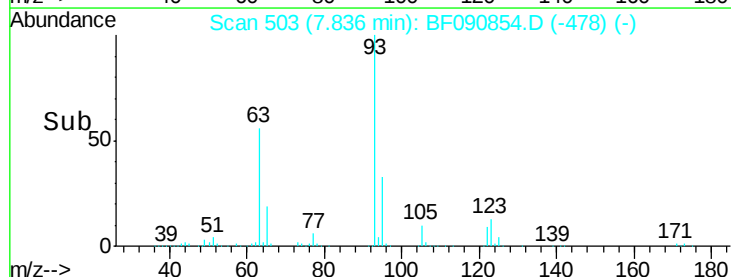
123 12.7 13.7 20.5#

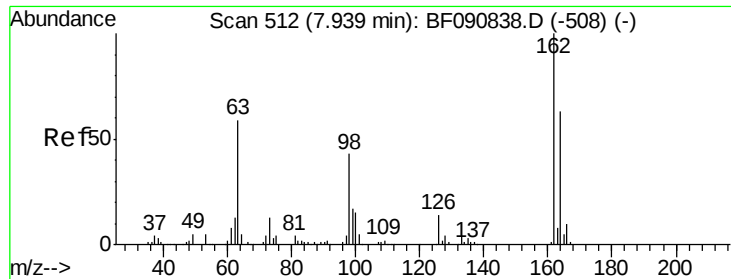


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 51.46 ng

RT: 7.94 min Scan# 512

Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

Instrument :

BNA_F

ClientSampleId :

C0AA0MS

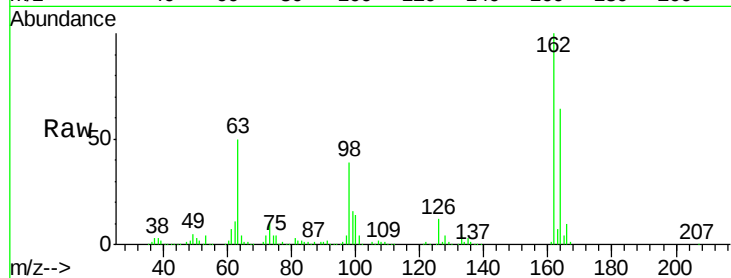
Tgt Ion:162 Resp: 432487

Ion Ratio Lower Upper

162 100

164 63.8 44.9 84.9

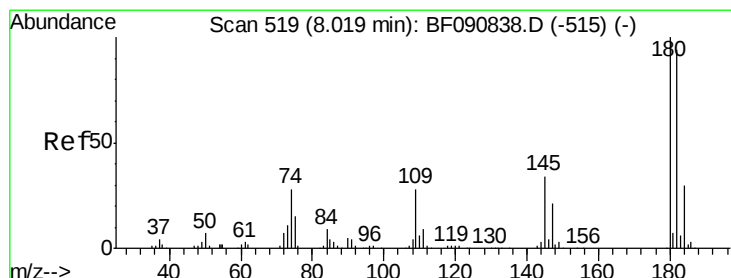
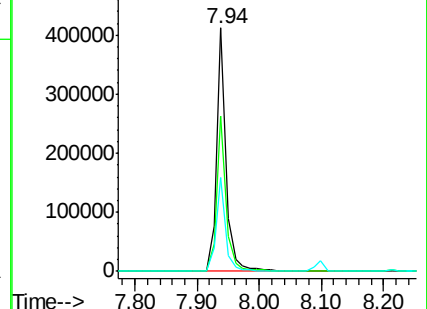
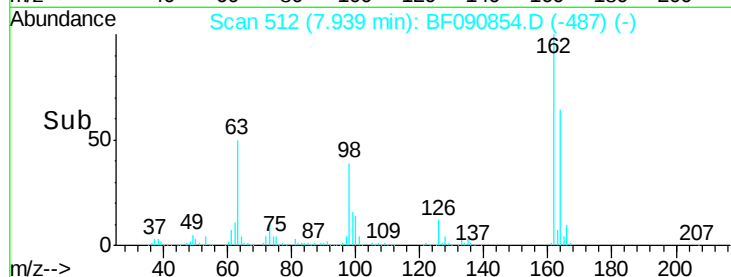
98 38.6 13.0 53.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 47.51 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

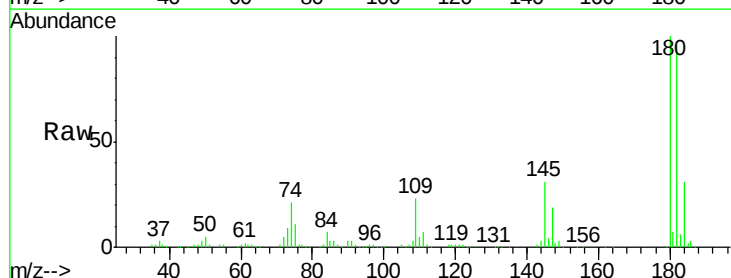
Tgt Ion:180 Resp: 461483

Ion Ratio Lower Upper

180 100

182 96.0 77.1 115.7

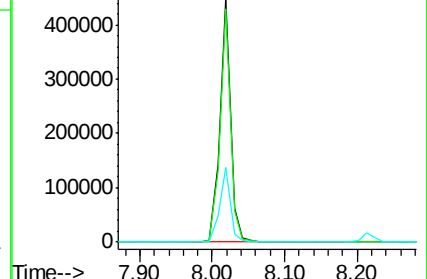
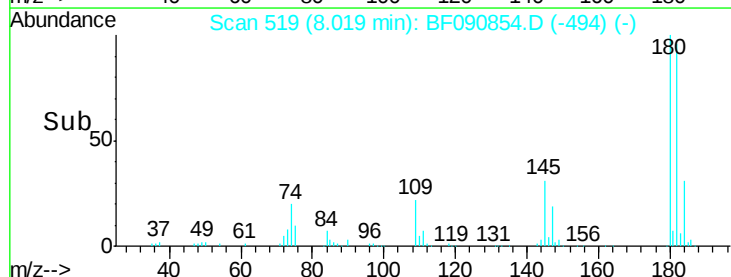
145 30.6 23.3 34.9

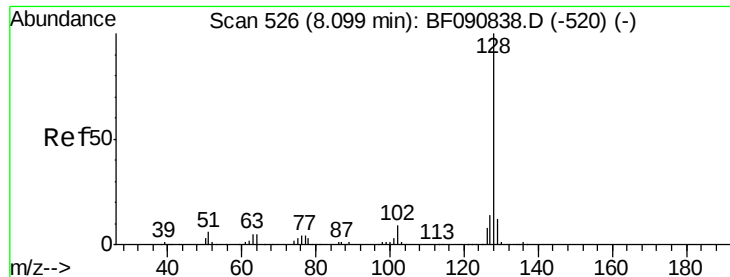


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

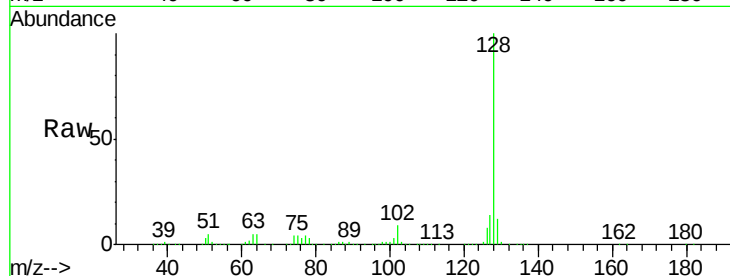




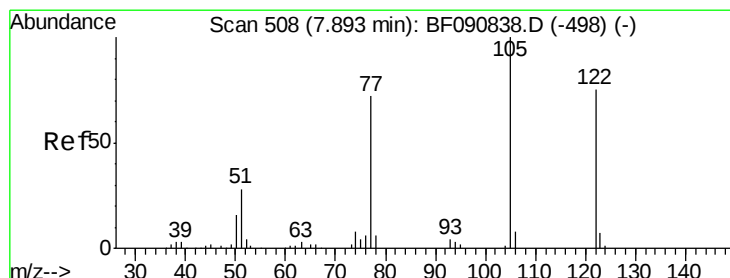
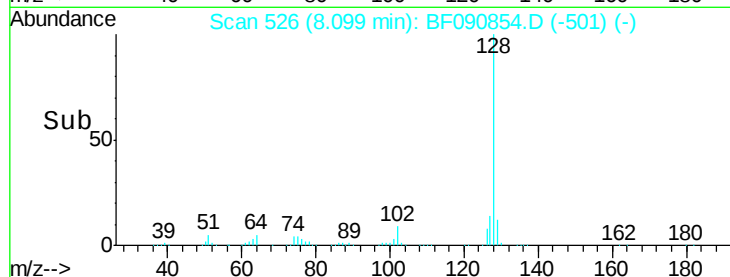
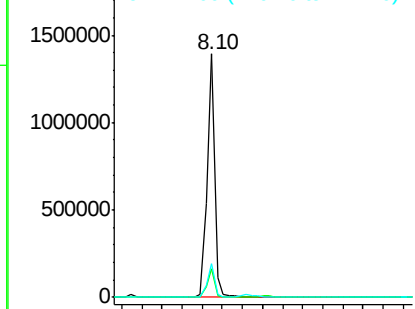
#31
Naphthalene
Concen: 48.38 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.01 min
Lab File: BF090854.D
Acq: 26 Oct 2016 21:43

Instrument :
BNA_F
ClientSampleId :
C0AA0MS

Tgt Ion:128 Resp: 1464936
Ion Ratio Lower Upper
128 100
129 11.7 8.4 12.6
127 13.7 9.9 14.9

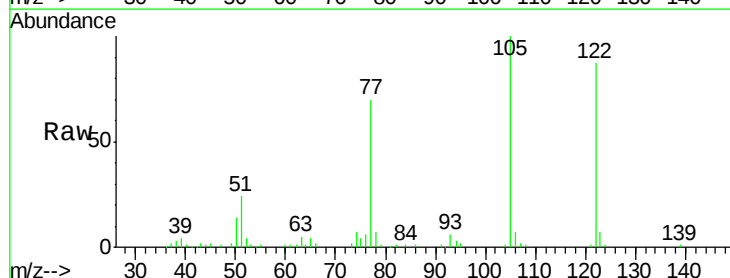


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

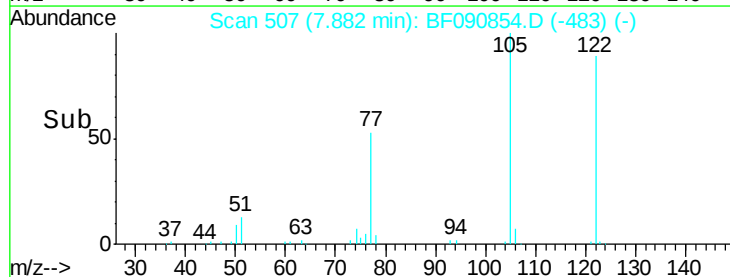
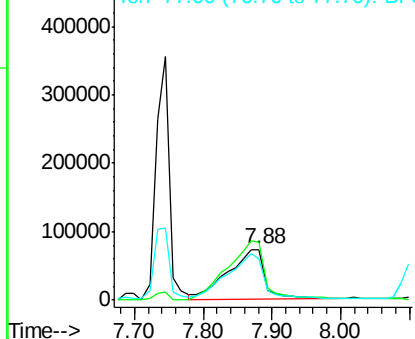


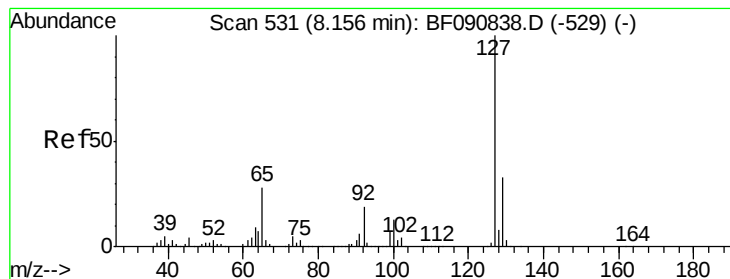
#32
Benzoic acid
Concen: 41.59 ng
RT: 7.88 min Scan# 507
Delta R.T. -0.02 min
Lab File: BF090854.D
Acq: 26 Oct 2016 21:43

Tgt Ion:122 Resp: 274068
Ion Ratio Lower Upper
122 100
105 114.5 76.1 116.1
77 80.1 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: 3.59 ng

RT: 8.17 min Scan# 532

Delta R.T. -0.00 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

Instrument :

BNA_F

ClientSampleId :

C0AA0MS

Tgt Ion:127 Resp: 43897

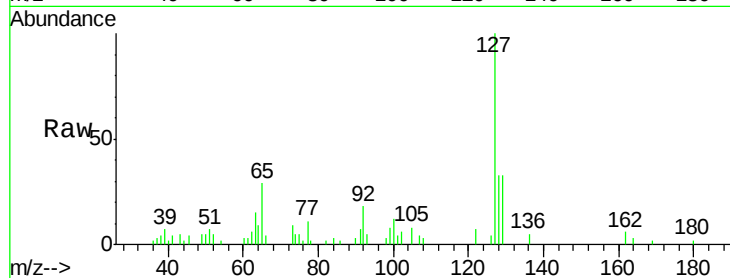
Ion Ratio Lower Upper

127 100

129 32.6 25.8 38.6

65 29.3 17.9 26.9#

92 17.7 10.5 15.7#

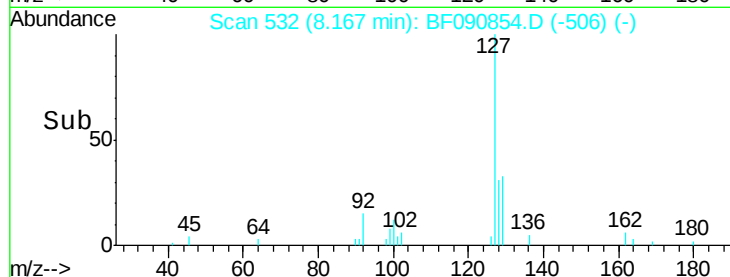


Abundance Ion 127.00 (126.70 to 127.70): E

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



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

Time-->

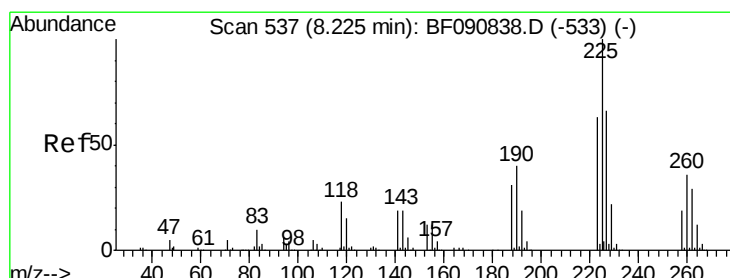
8.00 8.20 8.40

8.17

8.17

8.17

8.17



#34

Hexachlorobutadiene

Concen: 43.88 ng

RT: 8.21 min Scan# 536

Delta R.T. -0.02 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

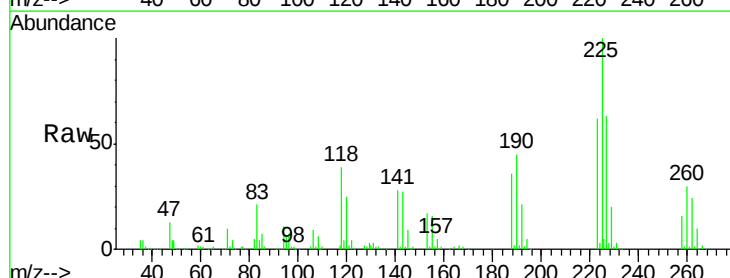
Tgt Ion:225 Resp: 250590

Ion Ratio Lower Upper

225 100

223 62.2 50.2 75.2

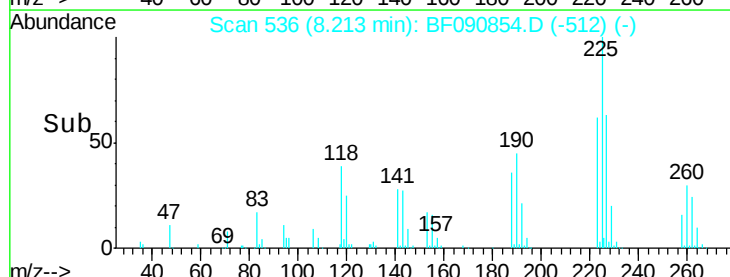
227 62.7 52.2 78.2



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



Time-->

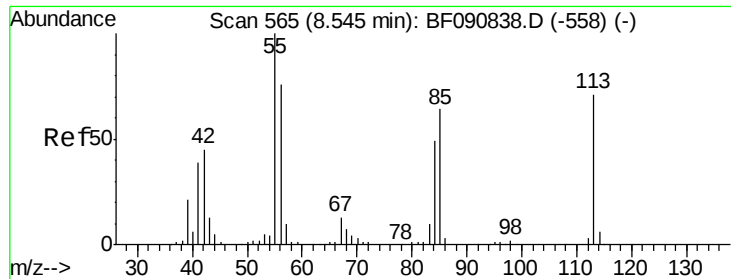
8.15 8.20 8.25 8.30

8.21

8.21

8.21

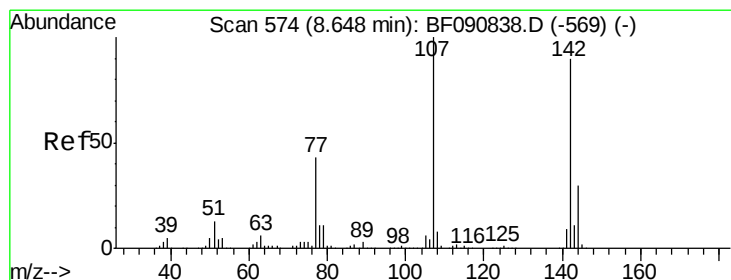
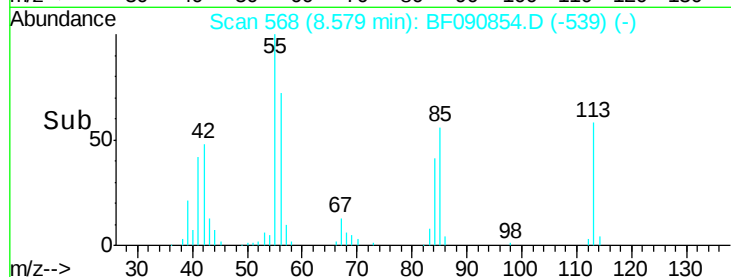
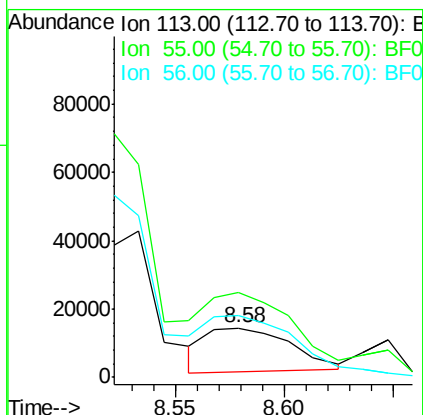
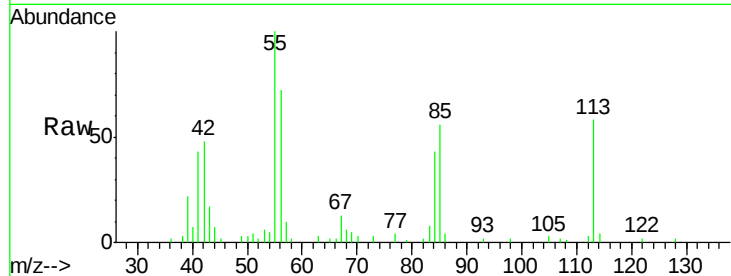
8.21



#35
 Caprolactam
 Concen: 13.18 ng
 RT: 8.58 min Scan# 568
 Delta R.T. 0.03 min
 Lab File: BF090854.D
 Acq: 26 Oct 2016 21:43

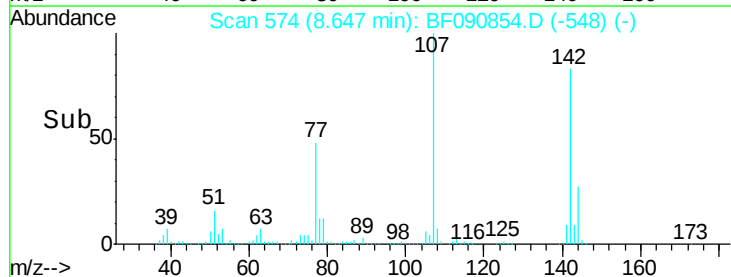
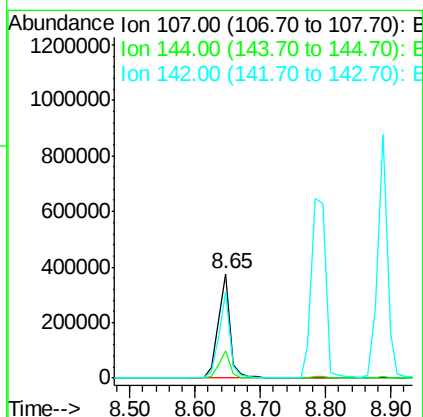
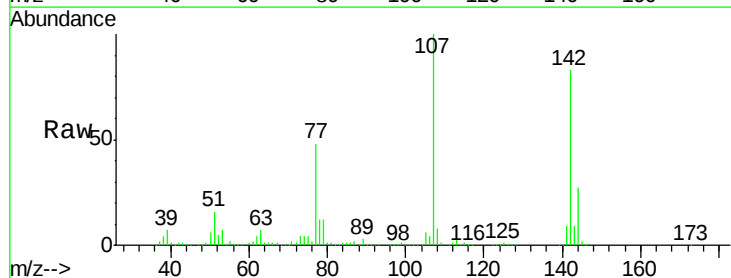
Instrument :
 BNA_F
 ClientSampleId :
 C0AA0MS

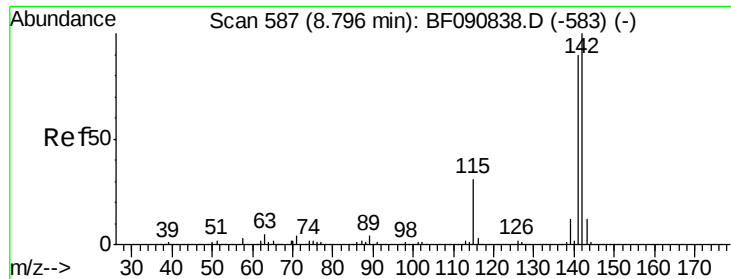
Tgt Ion:113 Resp: 34396
 Ion Ratio Lower Upper
 113 100
 55 173.4 152.4 192.4
 56 124.7 104.6 144.6



#36
 4-Chloro-3-methylphenol
 Concen: 54.25 ng
 RT: 8.65 min Scan# 574
 Delta R.T. -0.00 min
 Lab File: BF090854.D
 Acq: 26 Oct 2016 21:43

Tgt Ion:107 Resp: 495914
 Ion Ratio Lower Upper
 107 100
 144 26.6 25.4 38.0
 142 82.7 77.3 115.9

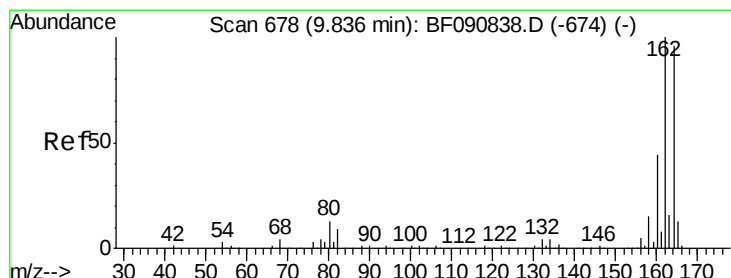
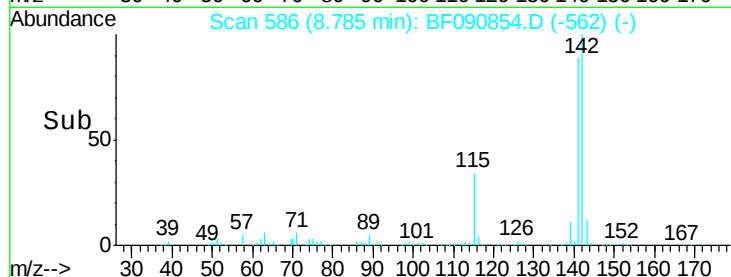
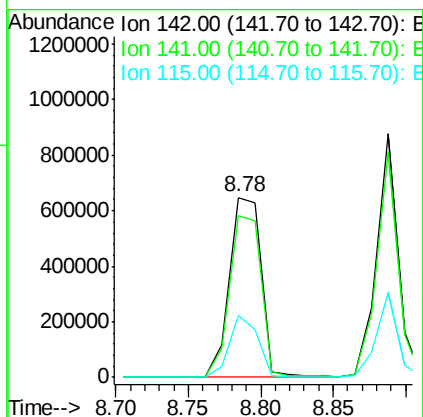
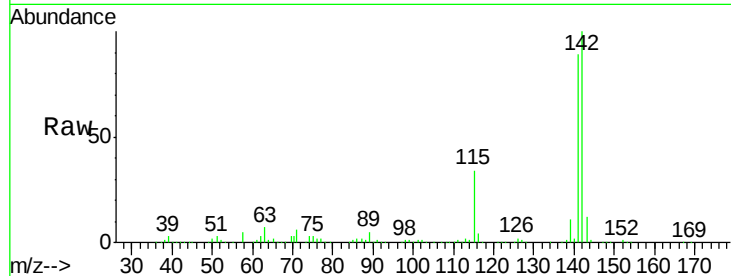




#37
 2-Methylnaphthalene
 Concen: 50.14 ng
 RT: 8.78 min Scan# 586
 Delta R.T. -0.02 min
 Lab File: BF090854.D
 Acq: 26 Oct 2016 21:43

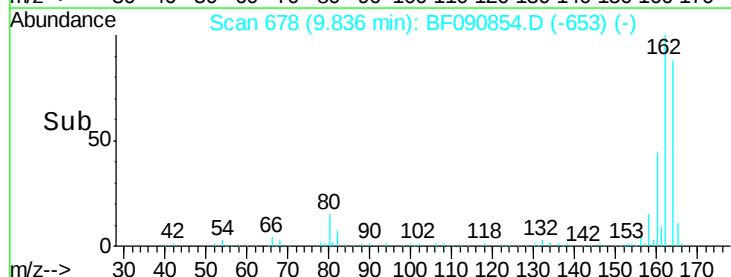
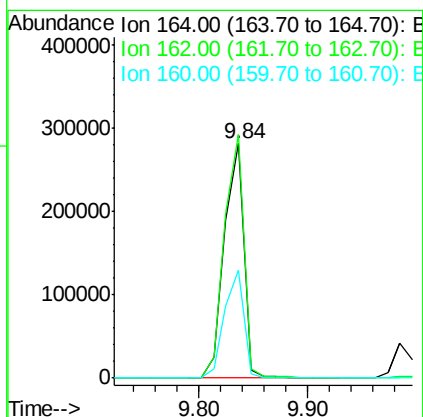
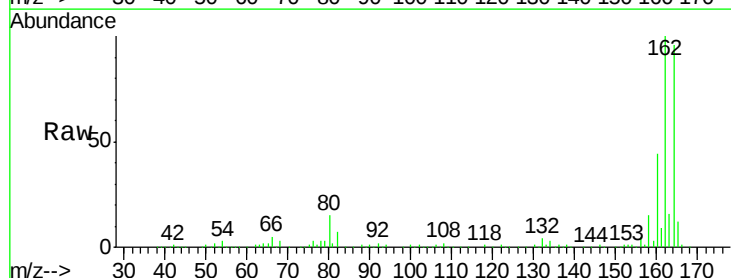
Instrument :
 BNA_F
 ClientSampleId :
 C0AA0MS

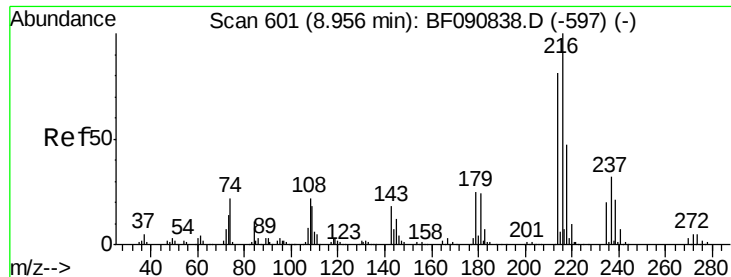
Tgt Ion:142 Resp: 980620
 Ion Ratio Lower Upper
 142 100
 141 89.5 67.5 101.3
 115 34.4 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.01 min
 Lab File: BF090854.D
 Acq: 26 Oct 2016 21:43

Tgt Ion:164 Resp: 351403
 Ion Ratio Lower Upper
 164 100
 162 103.8 75.2 112.8
 160 45.8 31.5 47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.20 ng

RT: 8.96 min Scan# 601

Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

Instrument :

BNA_F

ClientSampleId :

C0AA0MS

Tgt Ion:216 Resp: 454995

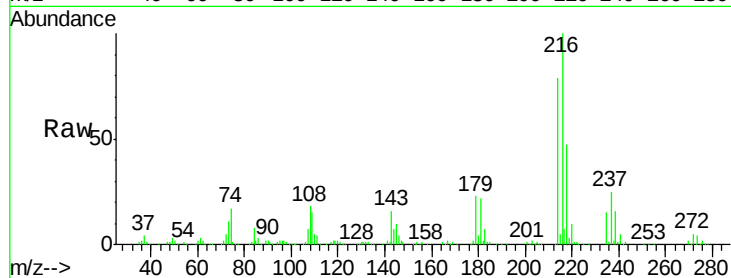
Ion Ratio Lower Upper

216 100

214 78.7 63.5 95.3

179 22.0 16.6 24.8

108 19.8 16.3 24.5

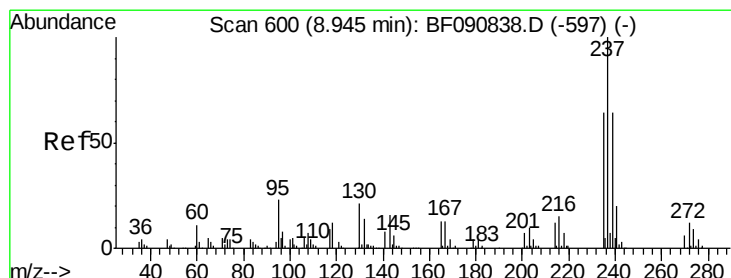
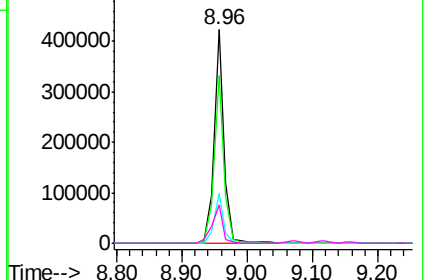
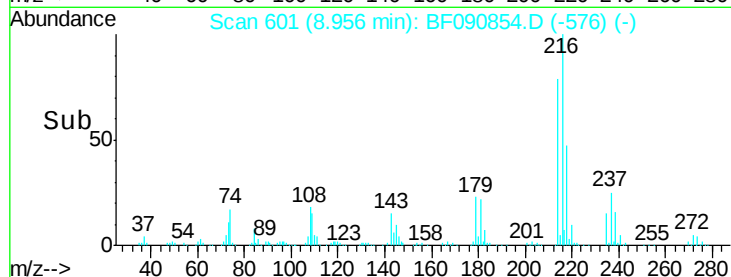


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 112.62 ng

RT: 8.94 min Scan# 600

Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

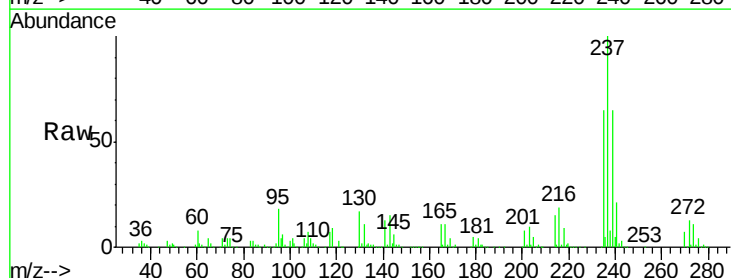
Tgt Ion:237 Resp: 499463

Ion Ratio Lower Upper

237 100

235 64.6 42.0 82.0

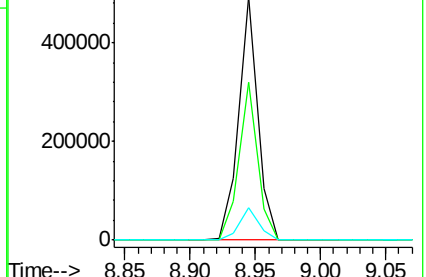
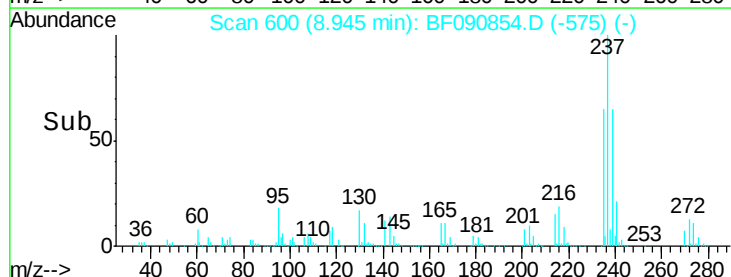
272 13.5 0.0 36.1

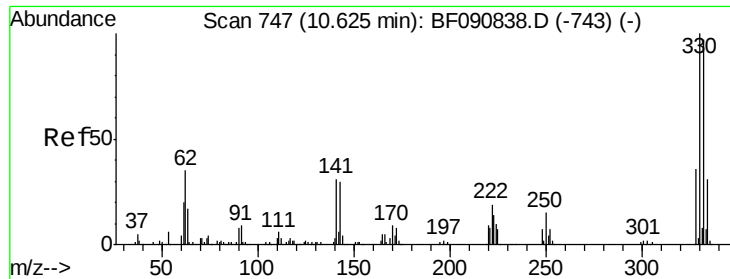


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

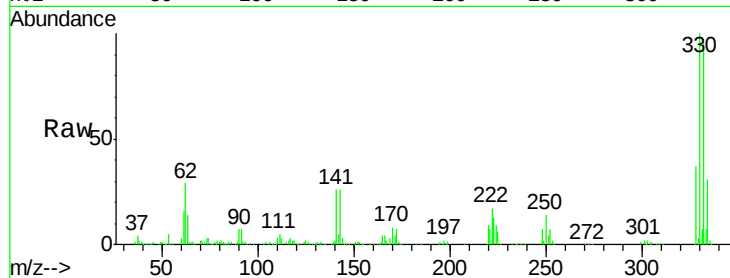




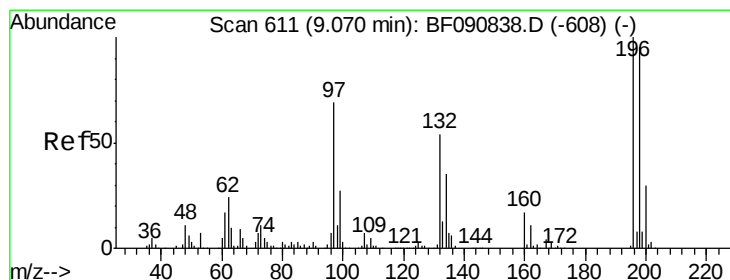
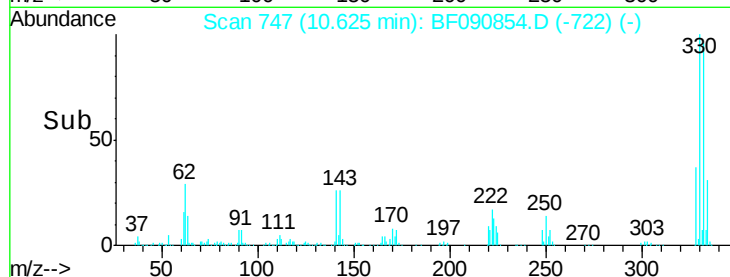
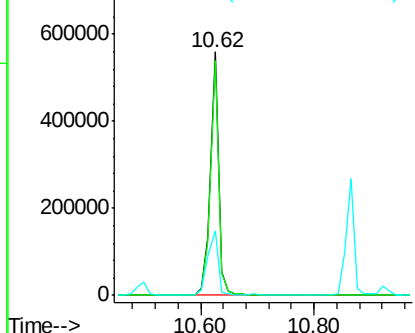
#41
 2,4,6-Tribromophenol
 Concen: 149.76 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.01 min
 Lab File: BF090854.D
 Acq: 26 Oct 2016 21:43

Instrument :
 BNA_F
 ClientSampleId :
 C0AA0MS

Tgt Ion:330 Resp: 540825
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 114.8
 141 33.2 29.7 44.5

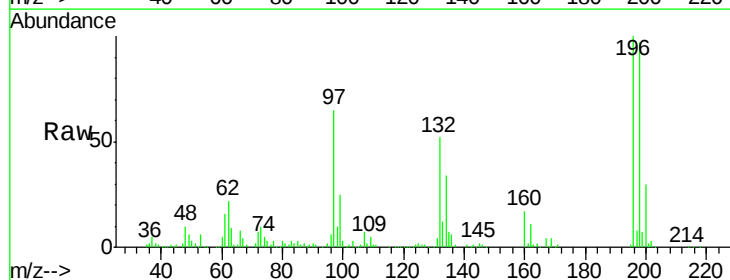


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

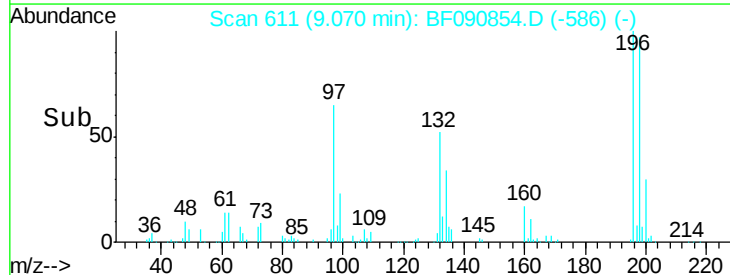
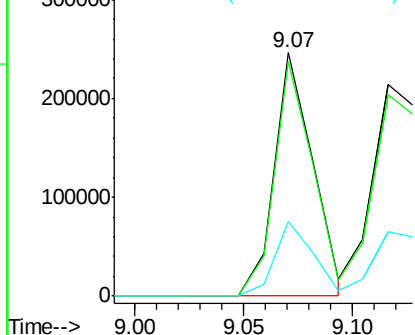


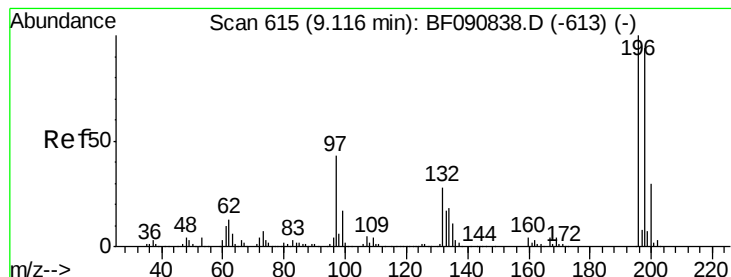
#42
 2,4,6-Trichlorophenol
 Concen: 49.01 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF090854.D
 Acq: 26 Oct 2016 21:43

Tgt Ion:196 Resp: 305049
 Ion Ratio Lower Upper
 196 100
 198 96.5 75.7 113.5
 200 30.5 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

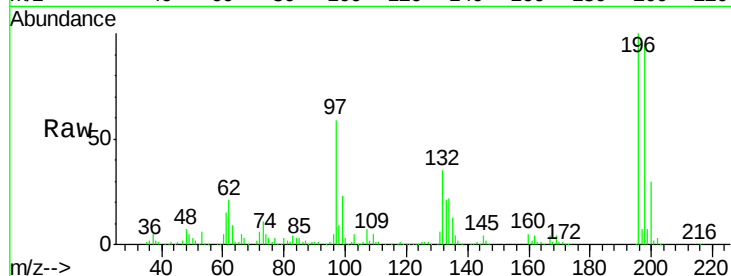




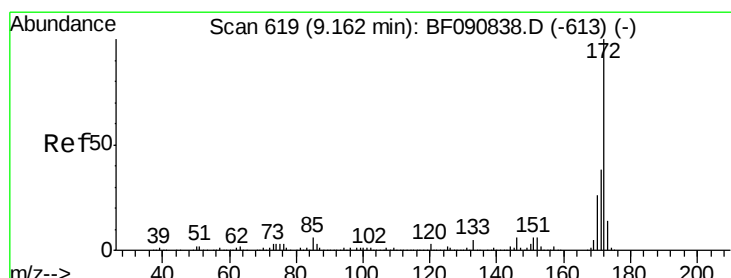
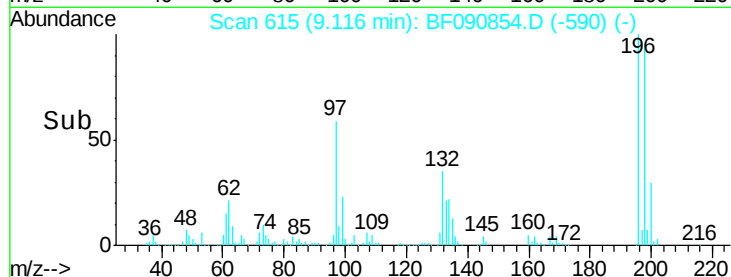
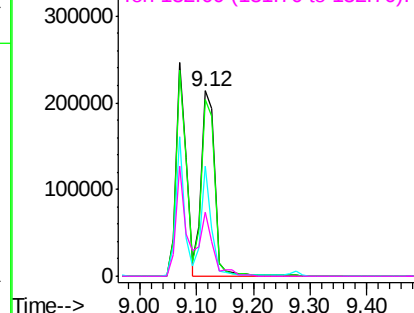
#43
 2,4,5-Trichlorophenol
 Concen: 53.74 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF090854.D
 Acq: 26 Oct 2016 21:43

Instrument :
 BNA_F
 ClientSampleId :
 C0AA0MS

Tgt Ion:196 Resp: 344495
 Ion Ratio Lower Upper
 196 100
 198 95.2 75.4 113.0
 97 59.3 33.3 49.9#
 132 34.9 24.6 37.0

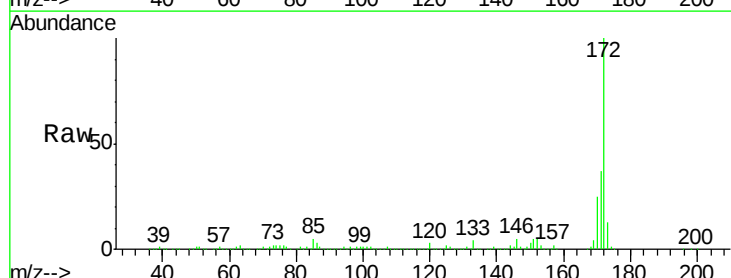


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

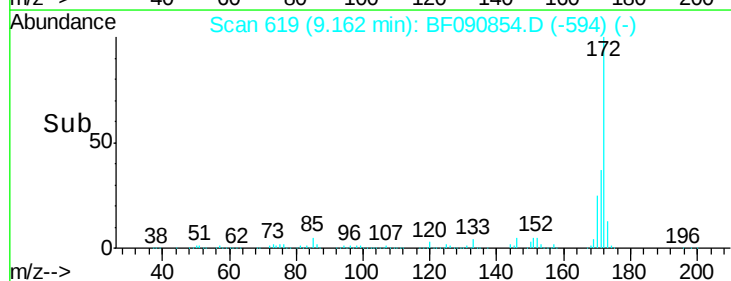
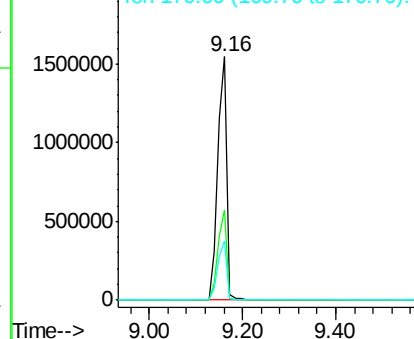


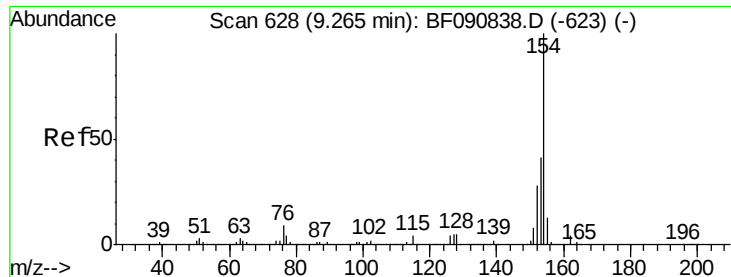
#44
 2-Fluorobiphenyl
 Concen: 106.51 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.01 min
 Lab File: BF090854.D
 Acq: 26 Oct 2016 21:43

Tgt Ion:172 Resp: 2131535
 Ion Ratio Lower Upper
 172 100
 171 36.8 26.1 39.1
 170 24.6 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

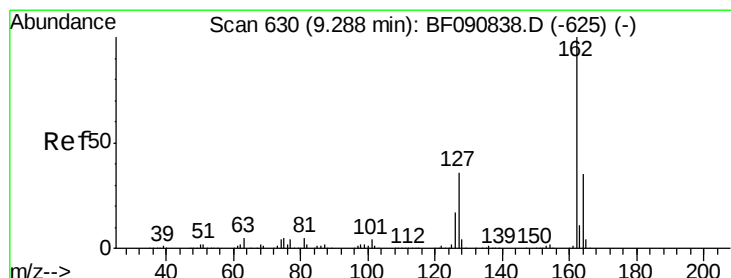
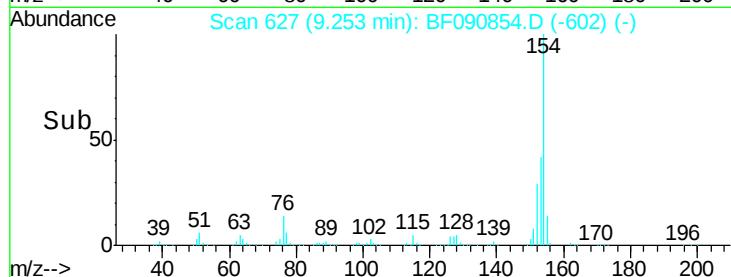
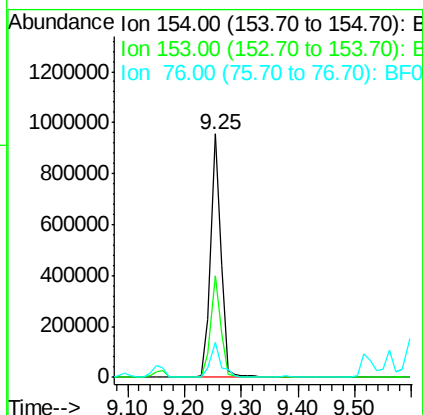
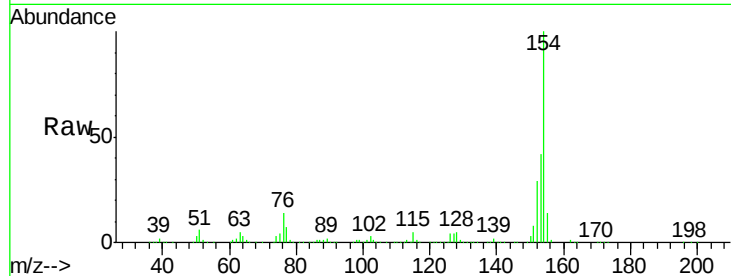




#45
 1,1'-Biphenyl
 Concen: 46.21 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF090854.D
 Acq: 26 Oct 2016 21:43

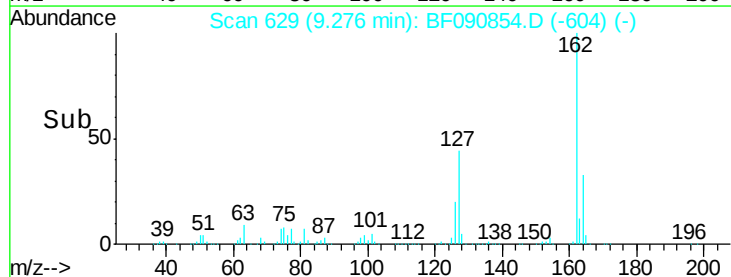
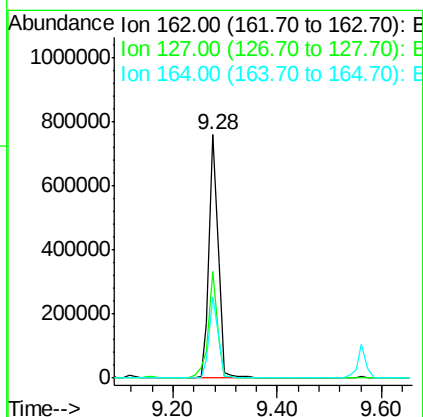
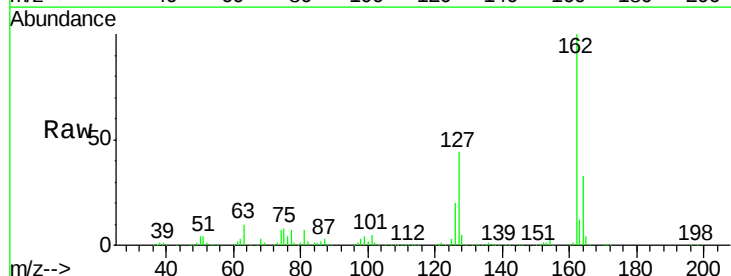
Instrument :
 BNA_F
 ClientSampleId :
 C0AA0MS

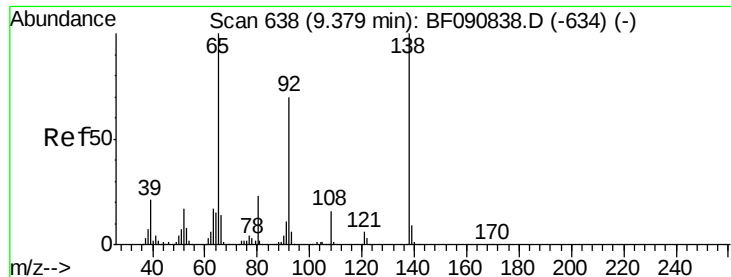
Tgt Ion:154 Resp: 1169647
 Ion Ratio Lower Upper
 154 100
 153 41.6 17.1 57.1
 76 14.4 0.0 31.6



#46
 2-Chloronaphthalene
 Concen: 48.46 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF090854.D
 Acq: 26 Oct 2016 21:43

Tgt Ion:162 Resp: 933085
 Ion Ratio Lower Upper
 162 100
 127 44.0 27.6 41.4#
 164 33.2 25.4 38.2

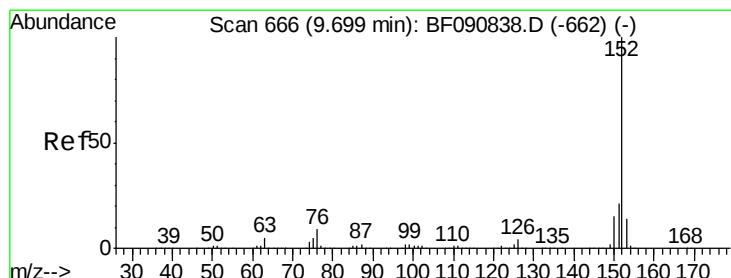
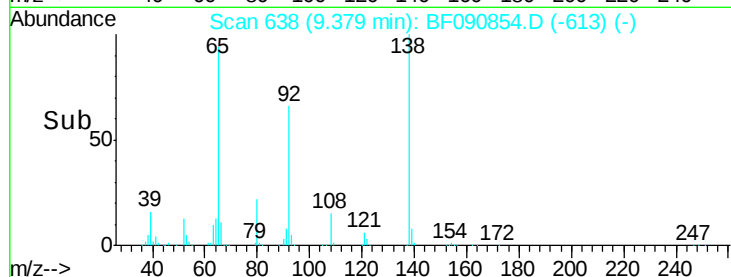
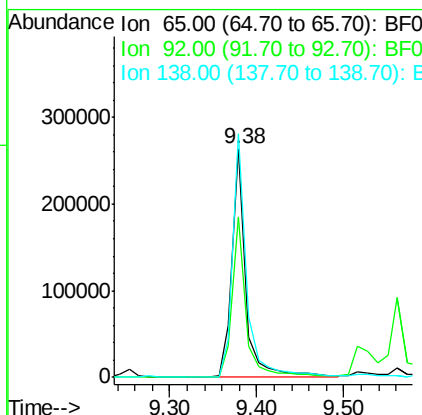
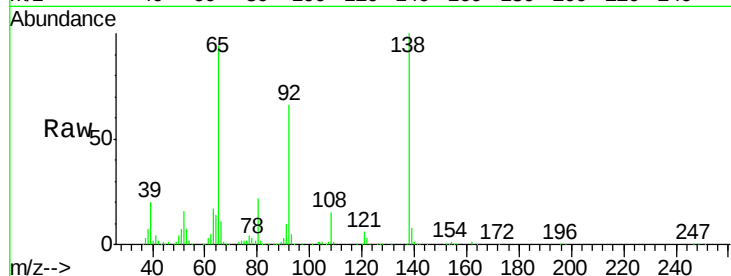




#47
2-Nitroaniline
Concen: 54.41 ng
RT: 9.38 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF090854.D
Acq: 26 Oct 2016 21:43

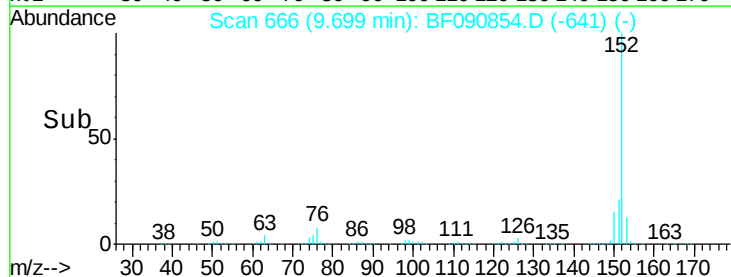
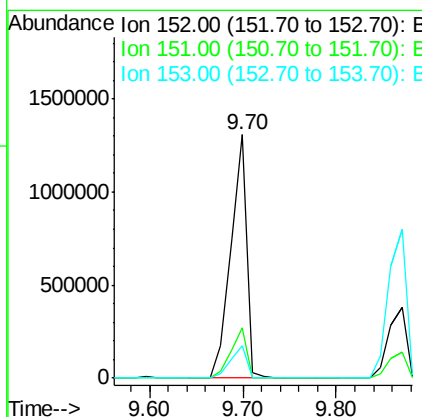
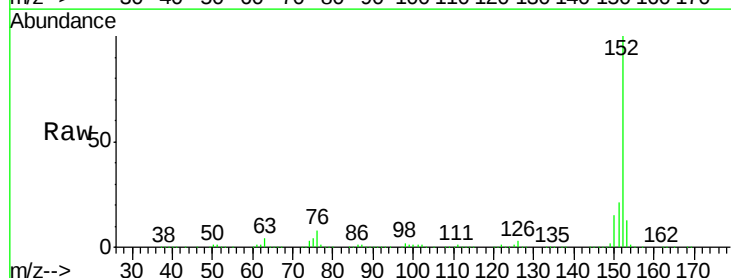
Instrument :
BNA_F
ClientSampleId :
C0AA0MS

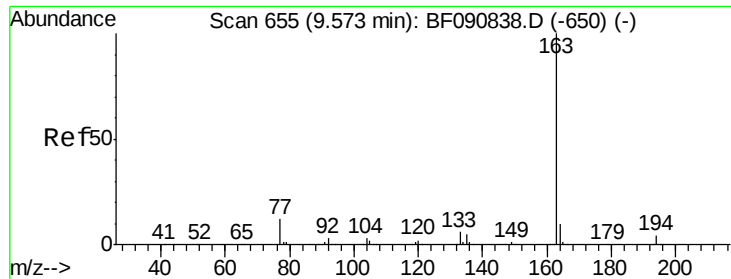
Tgt Ion: 65 Resp: 295573
Ion Ratio Lower Upper
65 100
92 70.3 55.4 83.0
138 106.4 115.5 173.3#



#48
Acenaphthylene
Concen: 53.64 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF090854.D
Acq: 26 Oct 2016 21:43

Tgt Ion: 152 Resp: 1563899
Ion Ratio Lower Upper
152 100
151 20.5 14.6 22.0
153 13.3 10.3 15.5





#49

Dimethylphthalate

Concen: 47.40 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

Instrument :

BNA_F

ClientSampleId :

C0AA0MS

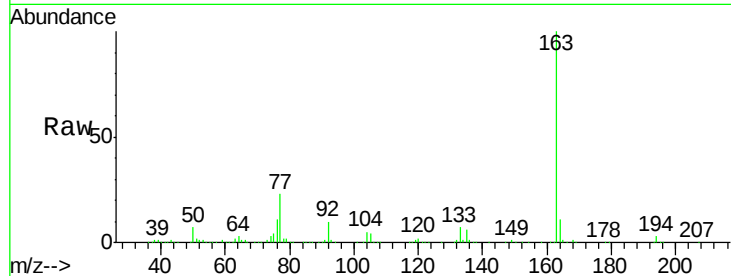
Tgt Ion:163 Resp: 1112898

Ion Ratio Lower Upper

163 100

194 3.3 4.4 6.6#

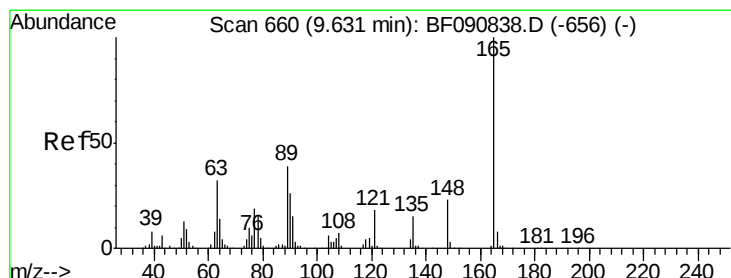
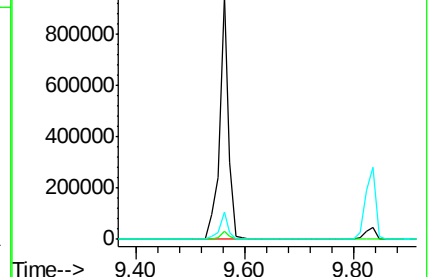
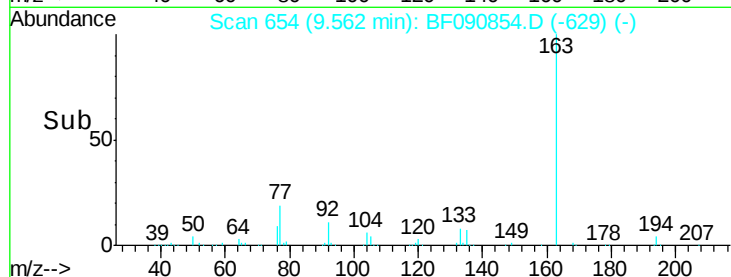
164 11.0 8.3 12.5



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: 48.23 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

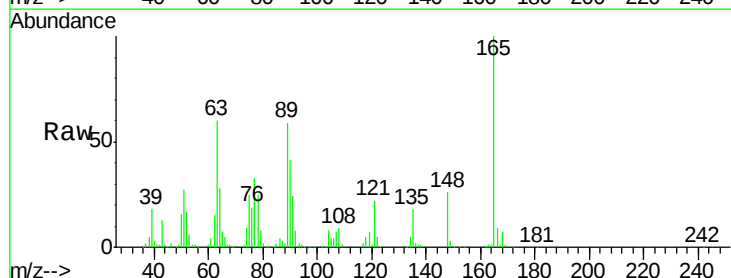
Tgt Ion:165 Resp: 250096

Ion Ratio Lower Upper

165 100

63 60.5 32.3 48.5#

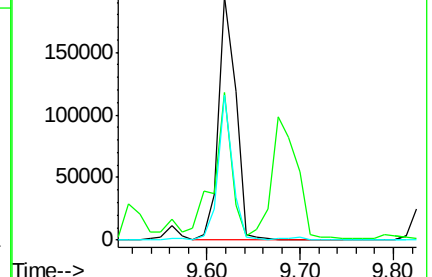
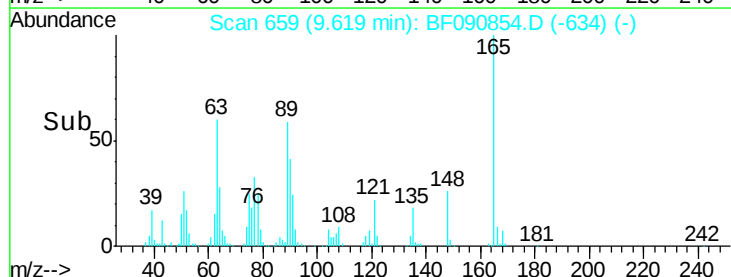
89 59.4 28.6 43.0#

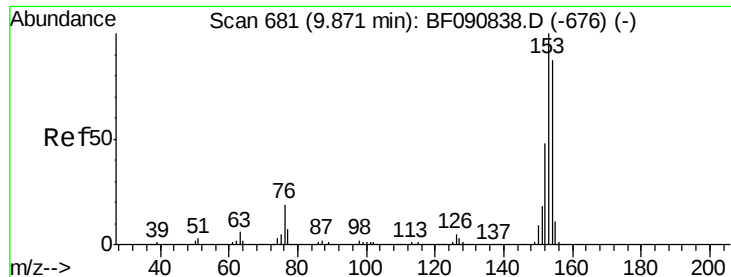


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 55.12 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

Instrument :

BNA_F

ClientSampleId :

C0AA0MS

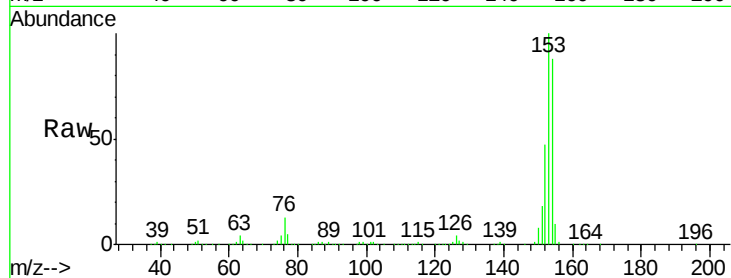
Tgt Ion:154 Resp: 1106715

Ion Ratio Lower Upper

154 100

153 114.3 82.1 123.1

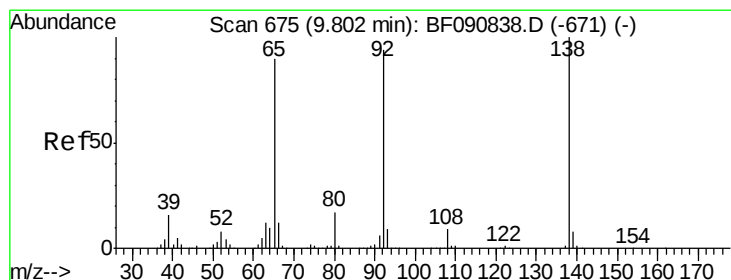
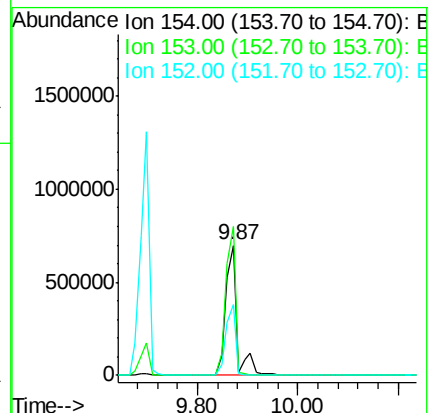
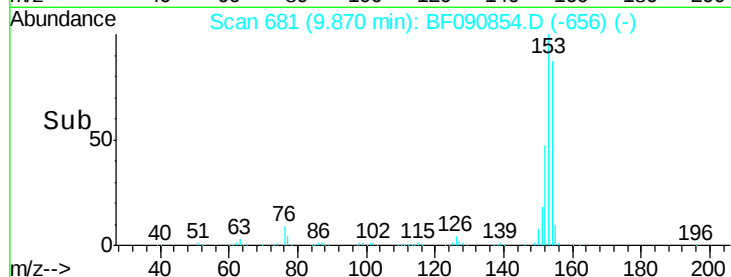
152 54.3 37.9 56.9



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: 6.75 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

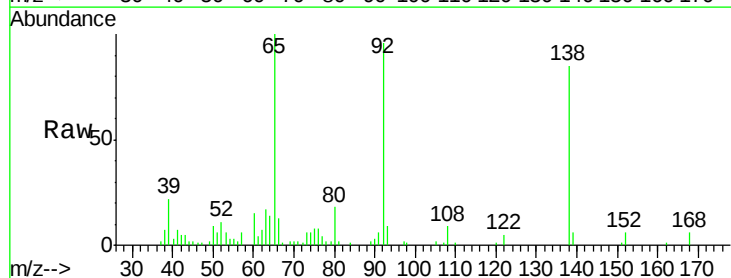
Tgt Ion:138 Resp: 37240

Ion Ratio Lower Upper

138 100

108 10.4 5.7 8.5#

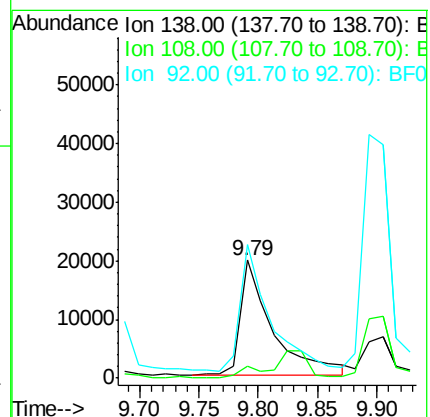
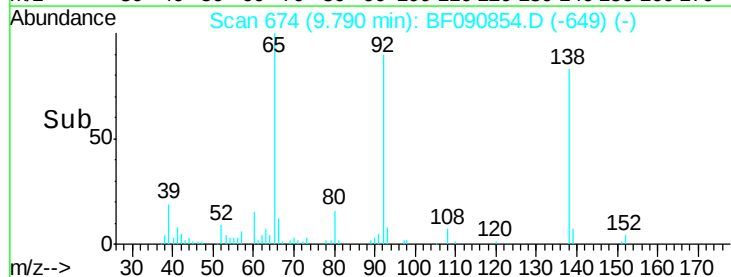
92 114.0 67.7 101.5#

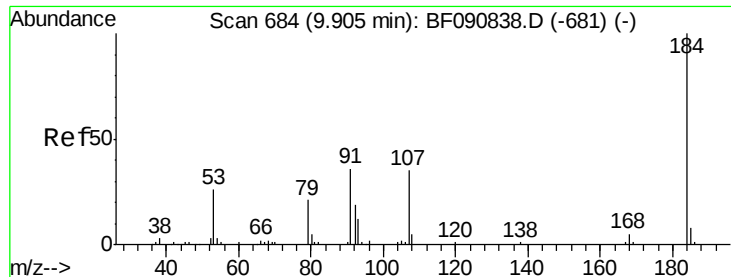


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

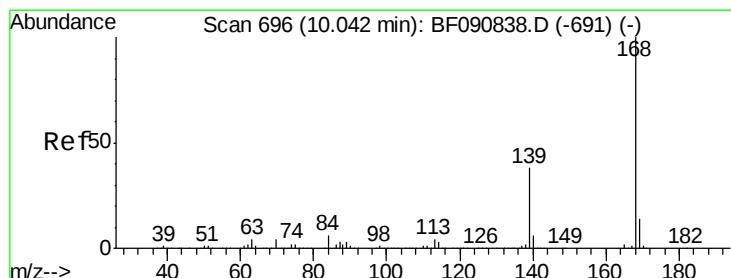
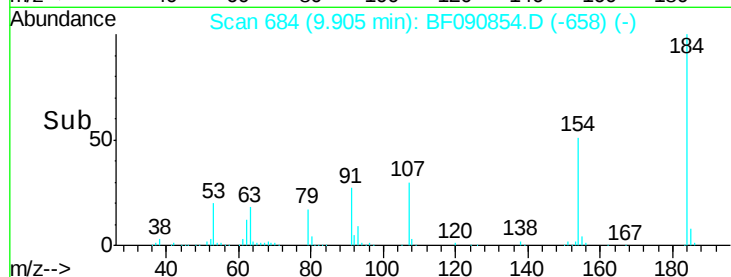
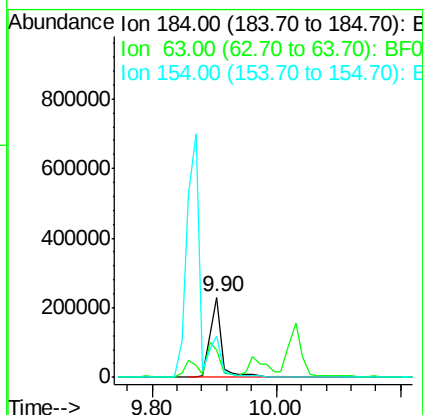
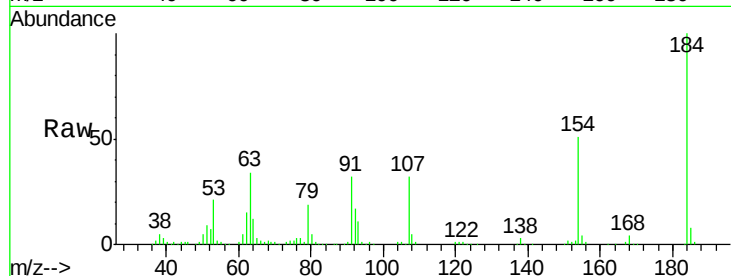




#53
2,4-Dinitrophenol
Concen: 112.95 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF090854.D
Acq: 26 Oct 2016 21:43

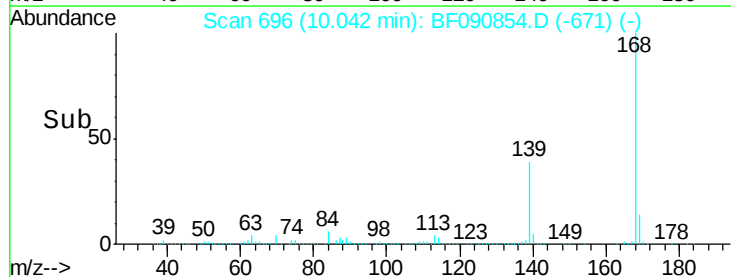
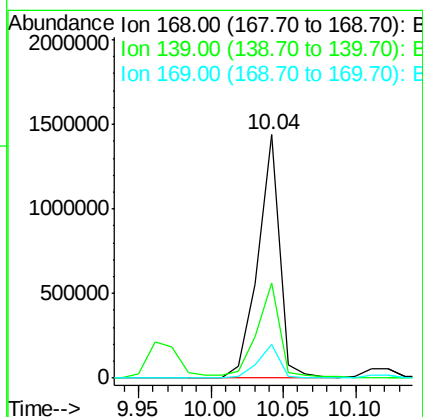
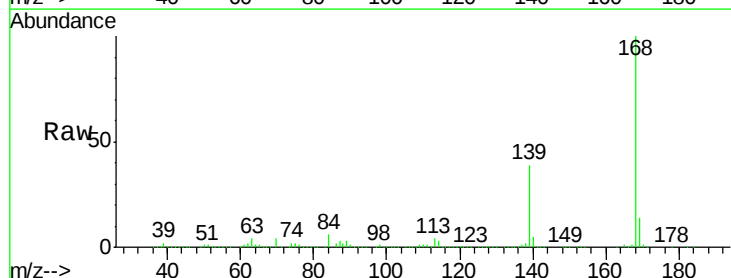
Instrument :
BNA_F
ClientSampleId :
C0AA0MS

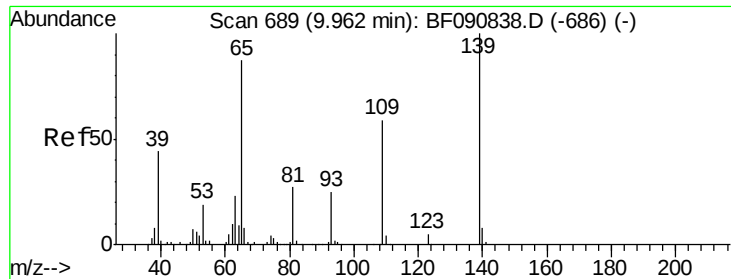
Tgt Ion:184 Resp: 308310
Ion Ratio Lower Upper
184 100
63 33.8 35.4 53.2#
154 51.1 32.2 48.4#



#54
Dibenzofuran
Concen: 57.69 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF090854.D
Acq: 26 Oct 2016 21:43

Tgt Ion:168 Resp: 1494854
Ion Ratio Lower Upper
168 100
139 38.9 24.2 36.2#
169 13.6 10.6 15.8

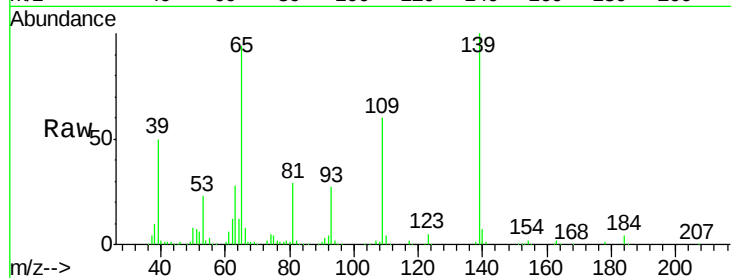




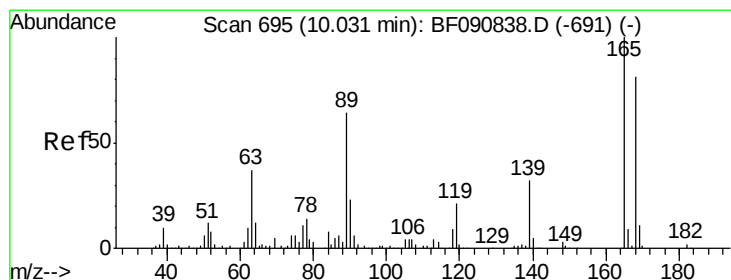
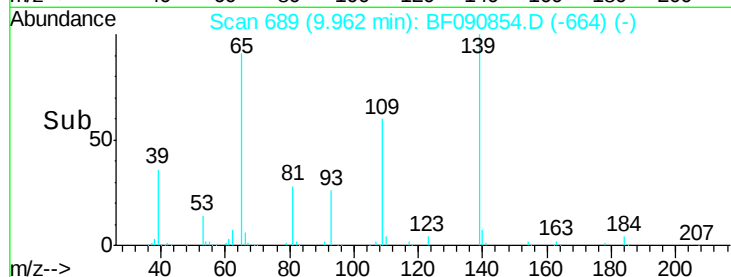
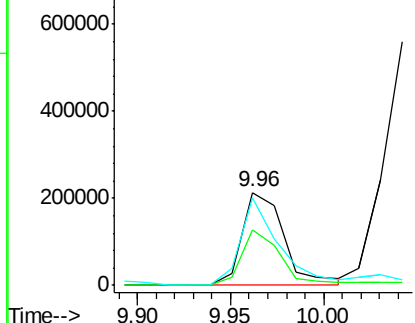
#55
4-Nitrophenol
Concen: 99.78 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF090854.D
Acq: 26 Oct 2016 21:43

Instrument :
BNA_F
ClientSampleId :
C0AA0MS

Tgt Ion:139 Resp: 335899
Ion Ratio Lower Upper
139 100
109 59.7 12.7 52.7#
65 93.5 45.9 85.9#

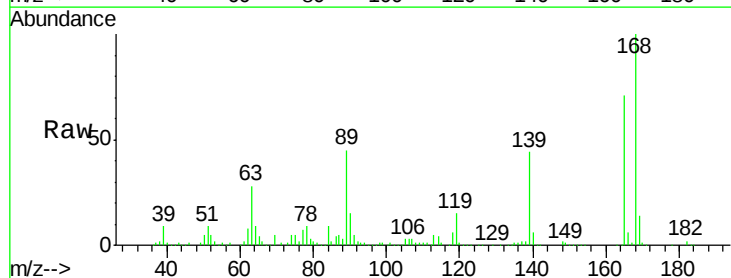


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

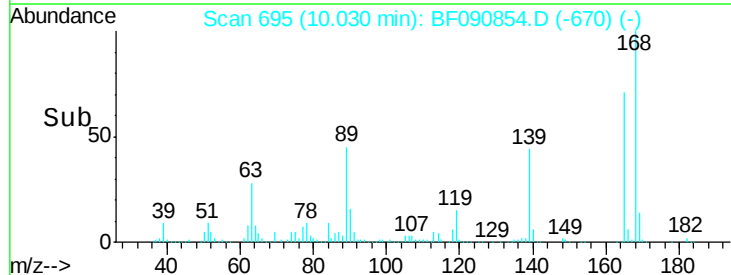
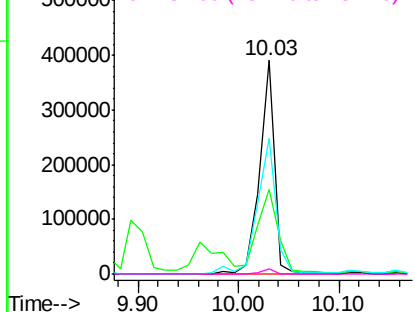


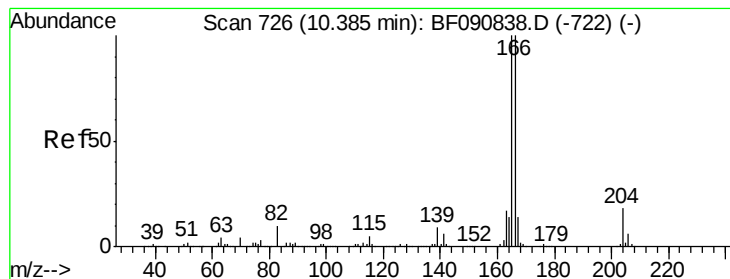
#56
2,4-Dinitrotoluene
Concen: 62.52 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.01 min
Lab File: BF090854.D
Acq: 26 Oct 2016 21:43

Tgt Ion:165 Resp: 402697
Ion Ratio Lower Upper
165 100
63 39.5 29.8 44.6
89 63.4 44.5 66.7
182 2.3 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: 56.60 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

Instrument :

BNA_F

ClientSampleId :

C0AA0MS

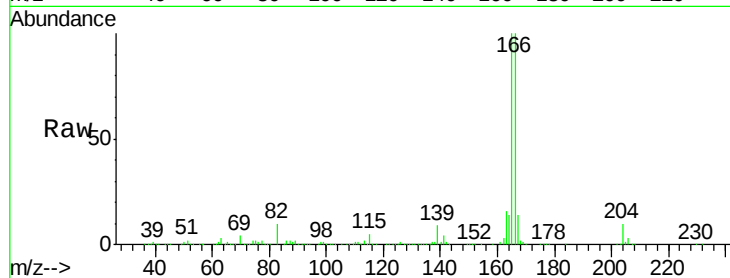
Tgt Ion:166 Resp: 1201172

Ion Ratio Lower Upper

166 100

165 99.5 72.6 109.0

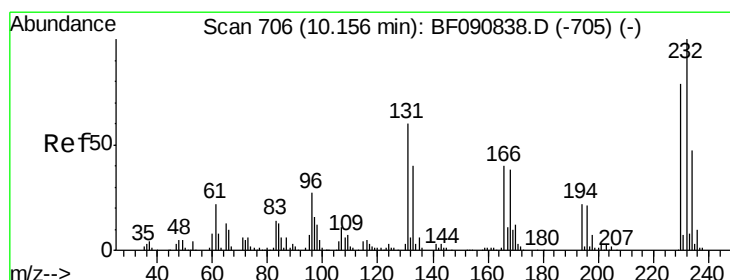
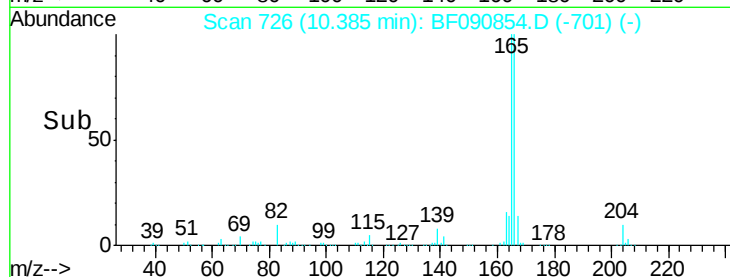
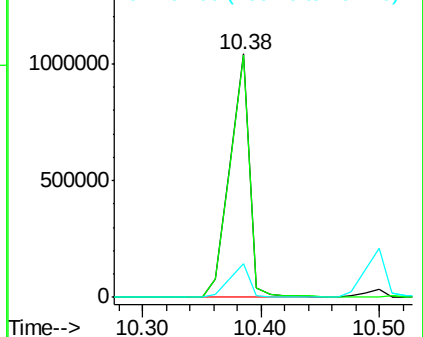
167 13.7 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.34 ng

RT: 10.16 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

Tgt Ion:232 Resp: 293887

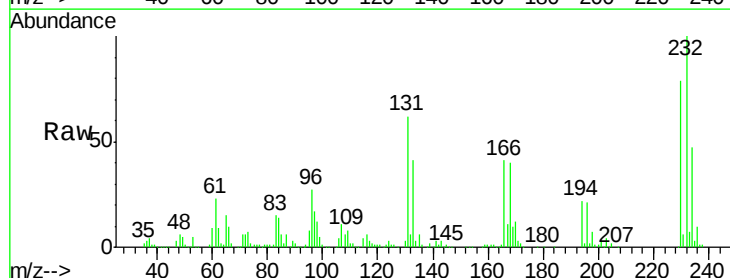
Ion Ratio Lower Upper

232 100

131 48.8 38.5 57.7

130 2.3 1.8 2.6

166 32.0 25.0 37.6

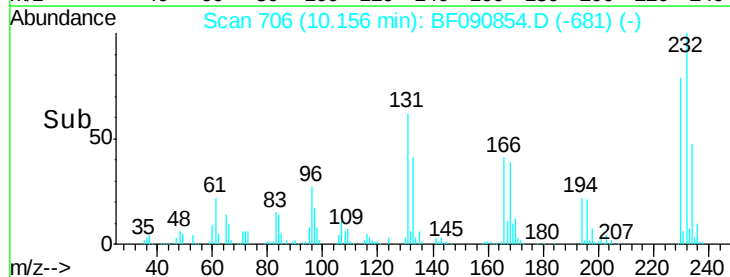
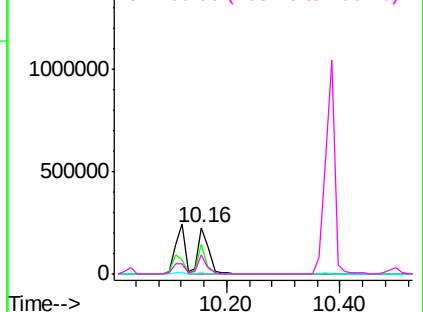


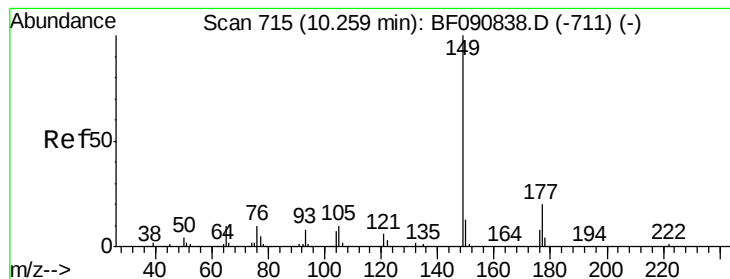
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 52.20 ng

RT: 10.26 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

Instrument :

BNA_F

ClientSampled :

C0AA0MS

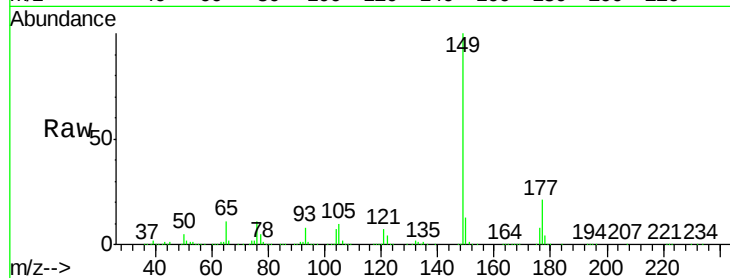
Tgt Ion:149 Resp: 1217282

Ion Ratio Lower Upper

149 100

177 20.6 17.5 26.3

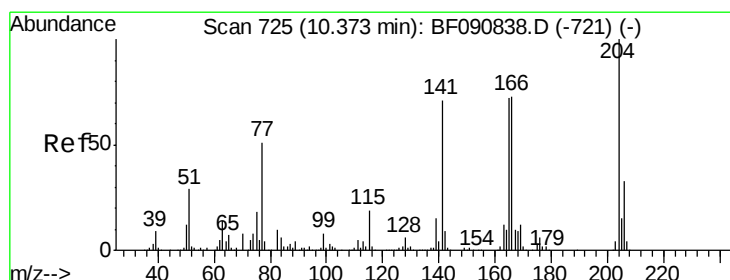
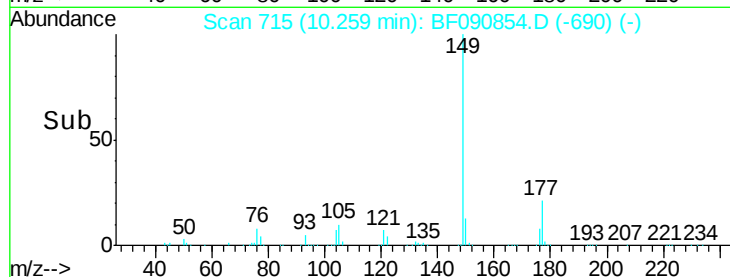
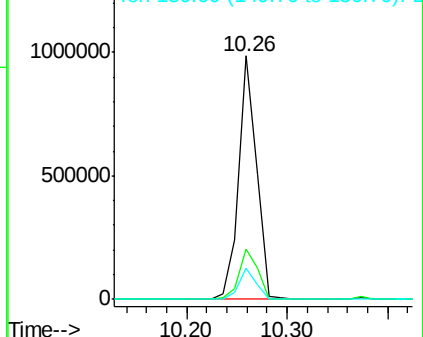
150 13.0 9.4 14.2



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: 51.40 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

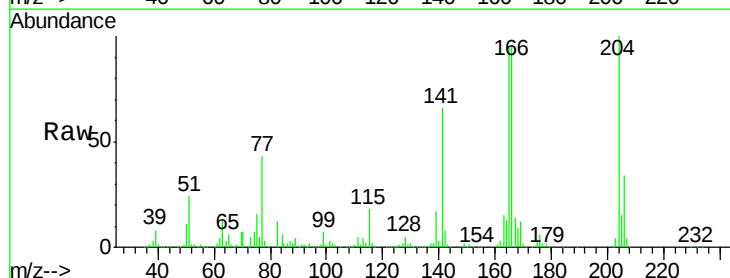
Tgt Ion:204 Resp: 532525

Ion Ratio Lower Upper

204 100

206 33.7 24.8 37.2

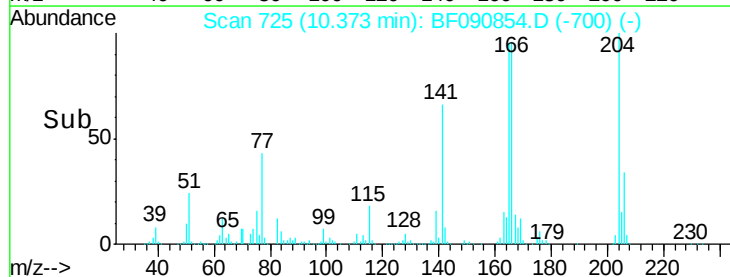
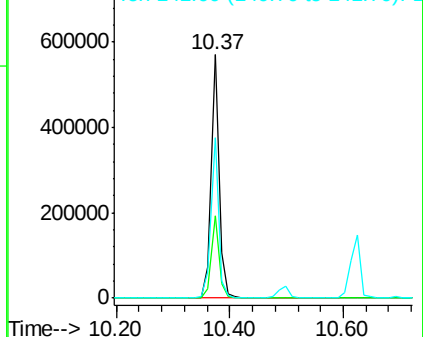
141 65.7 42.2 63.4#

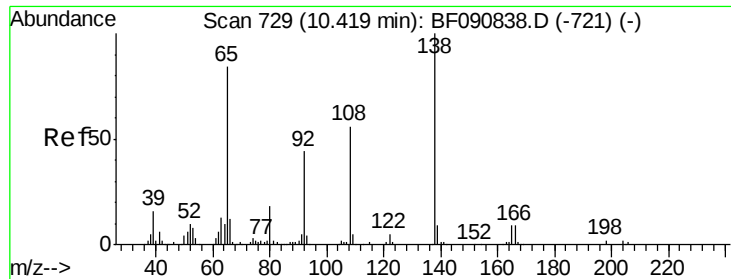


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

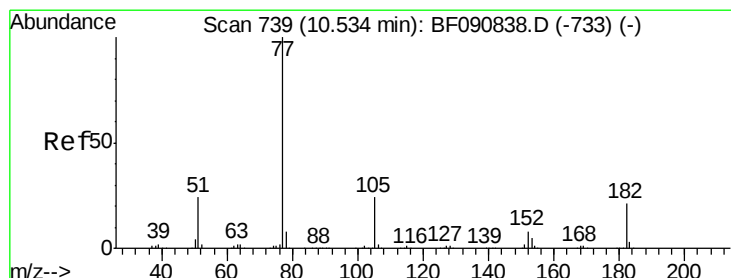
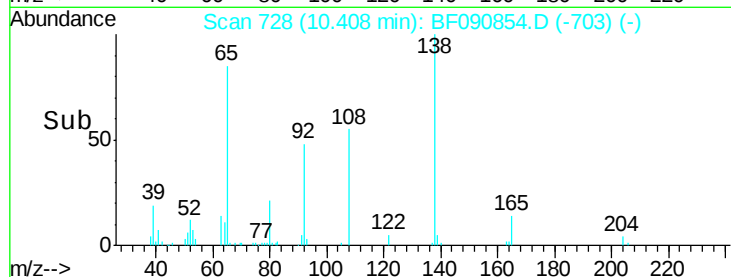
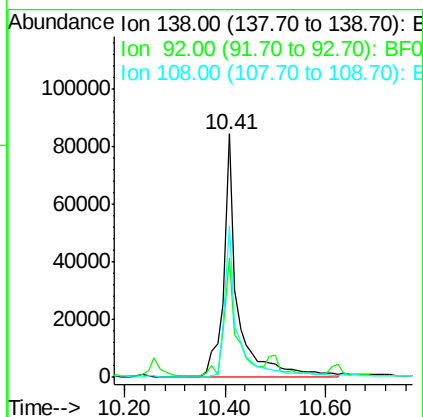
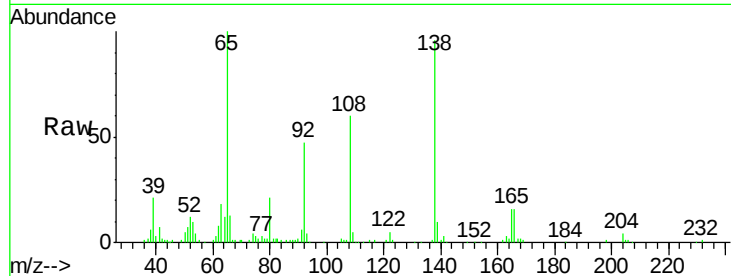




#61
4-Nitroaniline
Concen: 30.44 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF090854.D
Acq: 26 Oct 2016 21:43

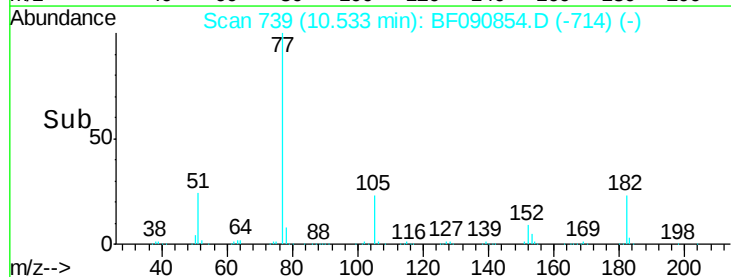
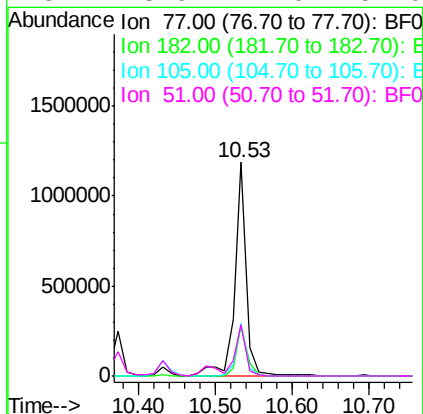
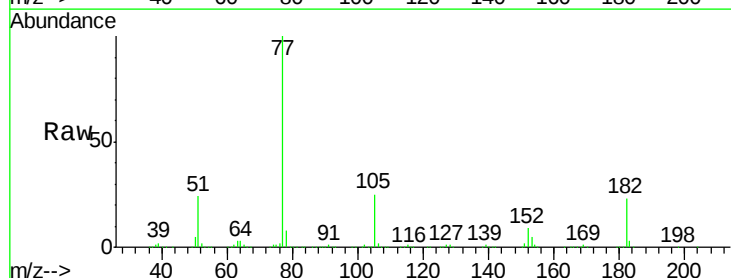
Instrument :
BNA_F
ClientSampleId :
C0AA0MS

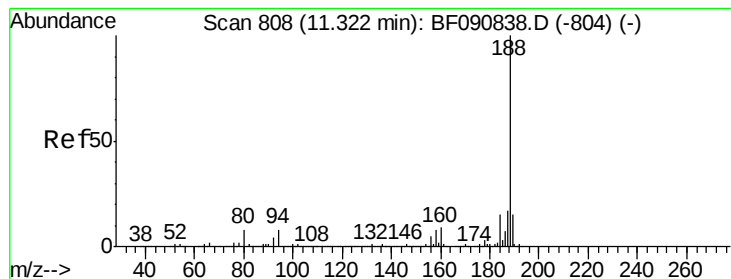
Tgt Ion:138 Resp: 166396
Ion Ratio Lower Upper
138 100
92 48.9 12.6 52.6
108 62.2 12.4 52.4#



#62
Azobenzene
Concen: 55.02 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF090854.D
Acq: 26 Oct 2016 21:43

Tgt Ion: 77 Resp: 1261649
Ion Ratio Lower Upper
77 100
182 23.2 15.1 55.1
105 24.7 3.4 43.4
51 23.9 12.0 52.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.31 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

Instrument :

BNA_F

ClientSampleId :

C0AA0MS

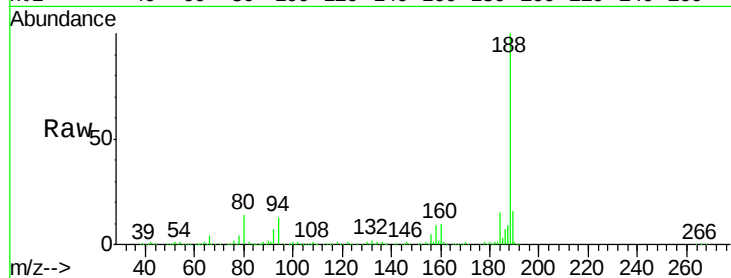
Tgt Ion:188 Resp: 611776

Ion Ratio Lower Upper

188 100

94 12.7 11.1 16.7

80 13.7 11.0 16.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

600000

500000

400000

300000

200000

100000

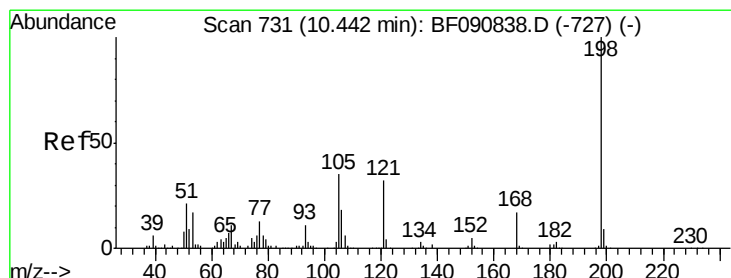
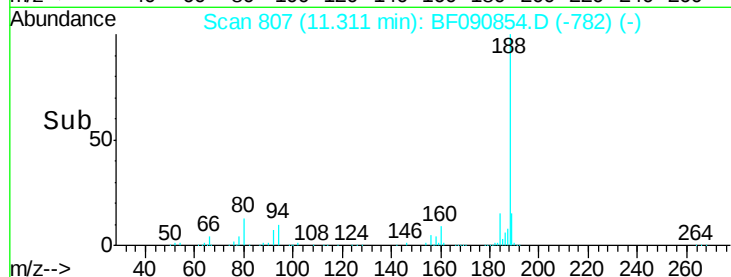
0

11.20

11.31

11.40

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 45.85 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

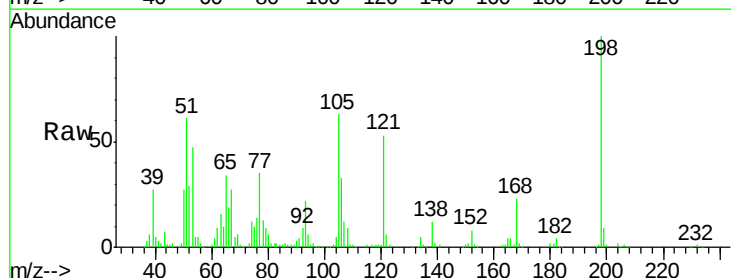
Tgt Ion:198 Resp: 185983

Ion Ratio Lower Upper

198 100

51 61.4 39.6 79.6

105 62.5 28.5 68.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

400000

300000

200000

100000

0

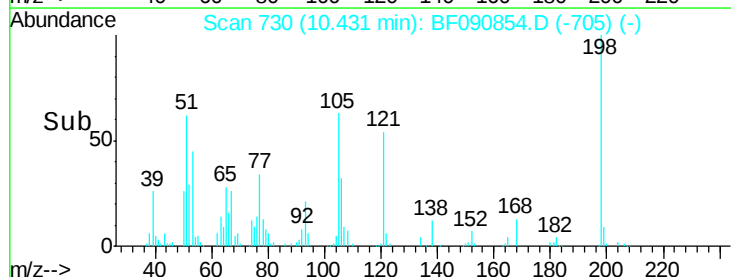
10.30

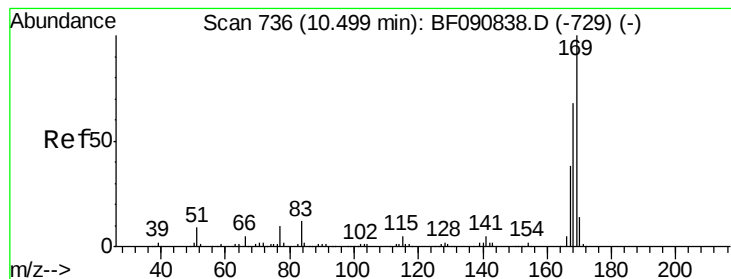
10.43

10.50

10.60

Time-->





#65

n-Nitrosodiphenylamine

Concen: 37.31 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

Instrument :

BNA_F

ClientSampleId :

C0AA0MS

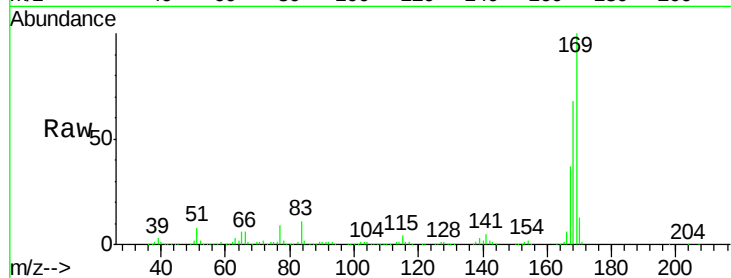
Tgt Ion:169 Resp: 699110

Ion Ratio Lower Upper

169 100

168 67.9 48.9 73.3

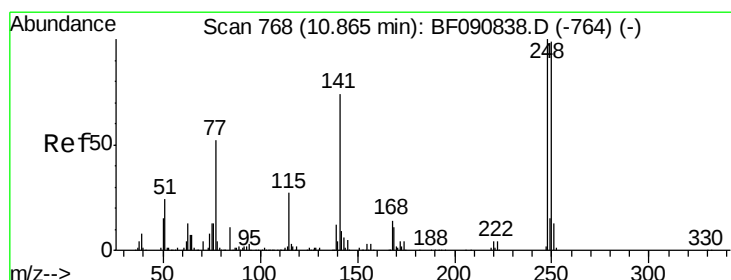
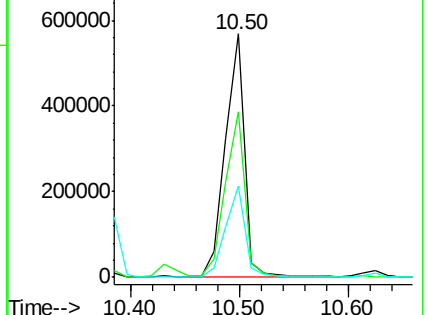
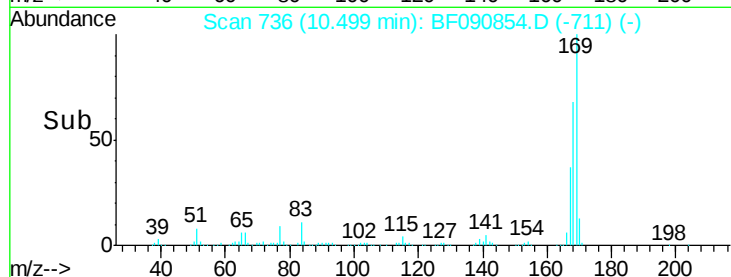
167 37.3 26.2 39.4



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: 54.93 ng

RT: 10.86 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

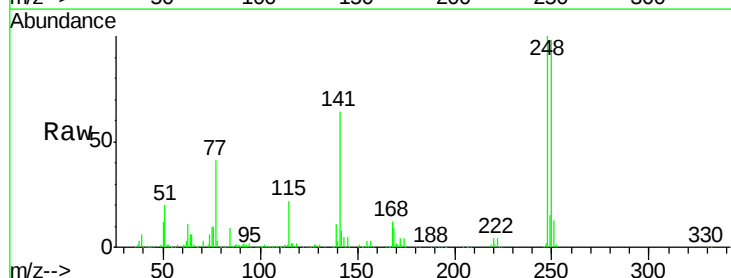
Tgt Ion:248 Resp: 367969

Ion Ratio Lower Upper

248 100

250 98.4 78.5 117.7

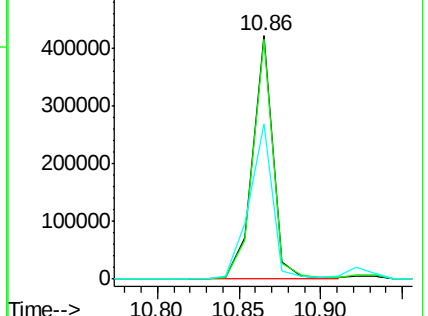
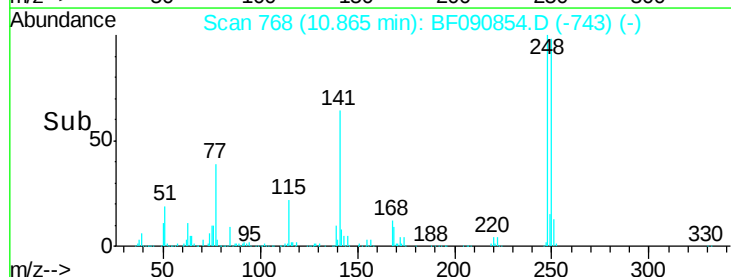
141 63.7 59.0 88.6

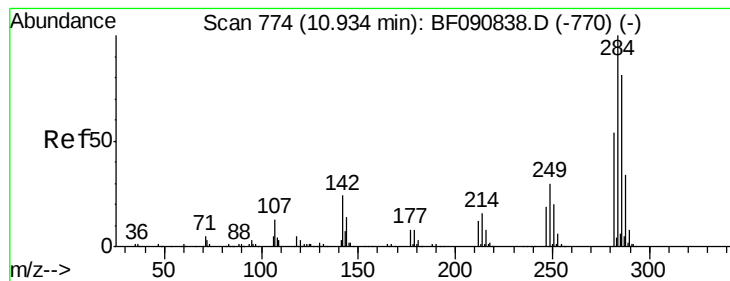


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 51.25 ng

RT: 10.93 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

Instrument :

BNA_F

ClientSampleId :

C0AA0MS

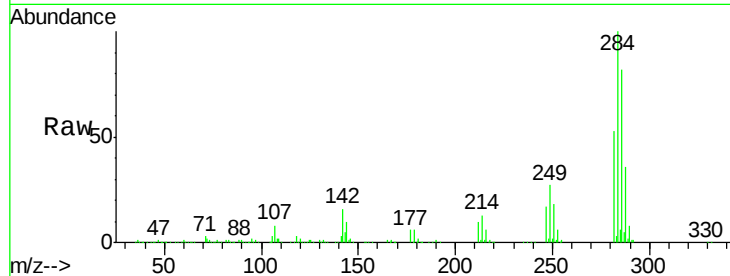
Tgt Ion:284 Resp: 406330

Ion Ratio Lower Upper

284 100

142 15.9 29.5 44.3#

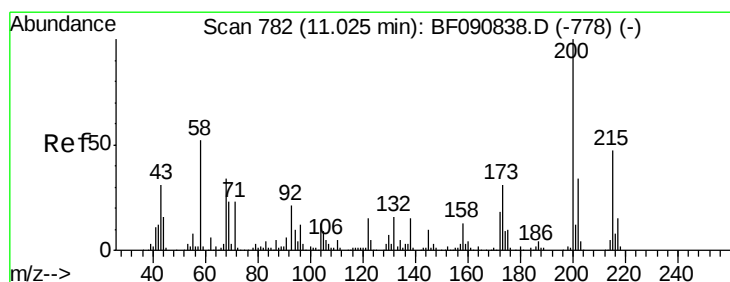
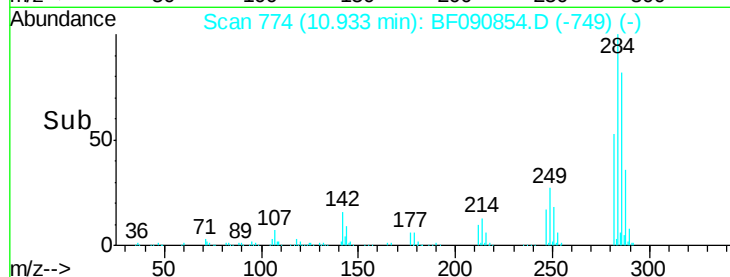
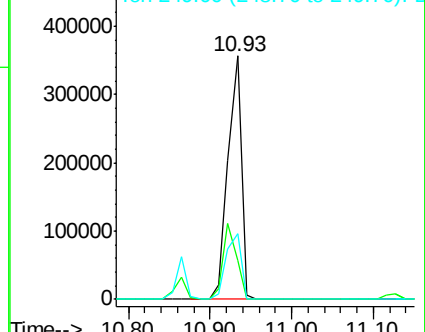
249 27.2 19.5 29.3



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: 28.26 ng

RT: 11.02 min Scan# 782

Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

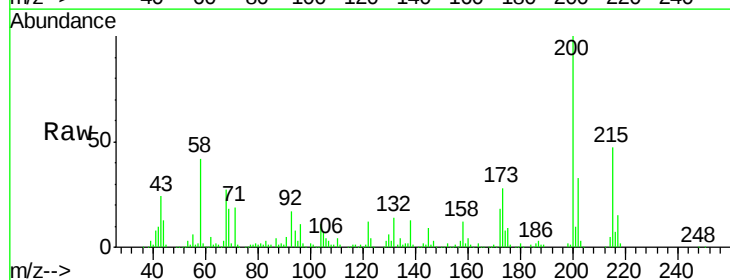
Tgt Ion:200 Resp: 163826

Ion Ratio Lower Upper

200 100

173 28.5 13.2 53.2

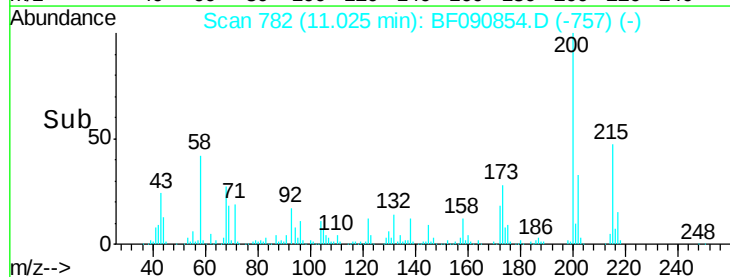
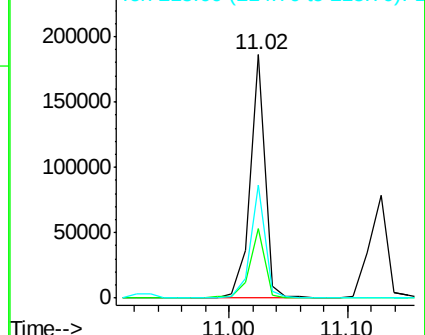
215 46.7 41.8 81.8

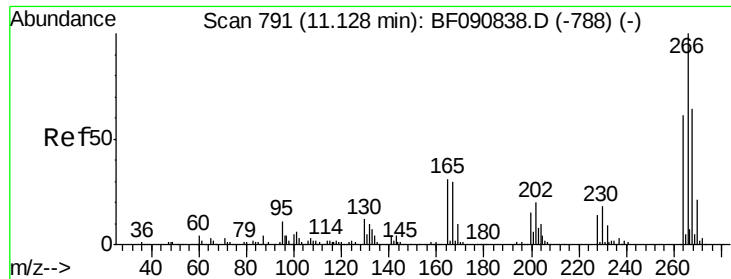


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

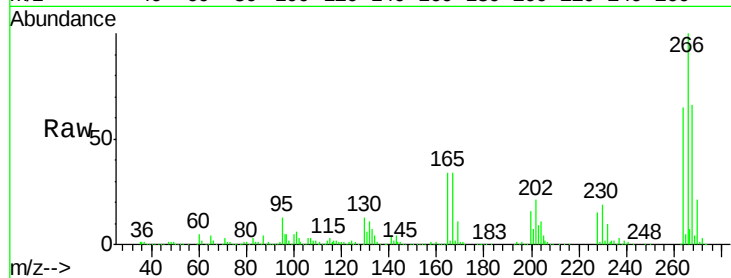




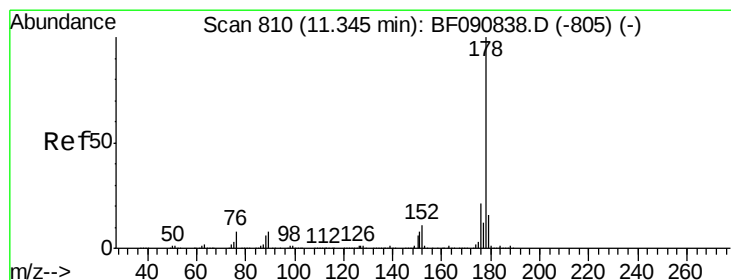
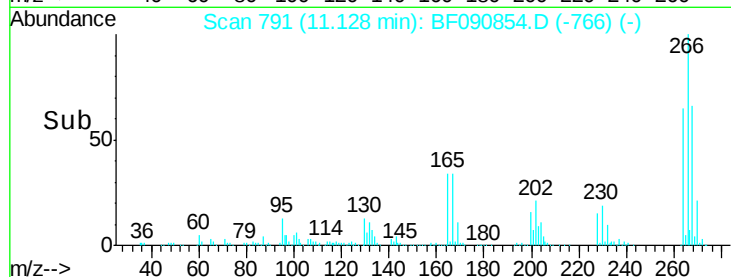
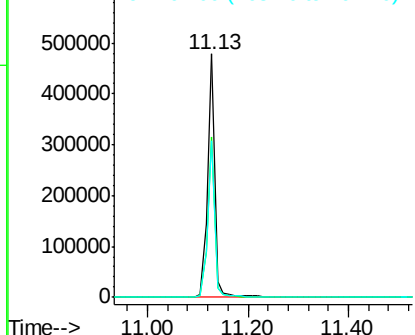
#69
 Pentachlorophenol
 Concen: 112.56 ng
 RT: 11.13 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF090854.D
 Acq: 26 Oct 2016 21:43

Instrument :
 BNA_F
 ClientSampleId :
 C0AA0MS

Tgt Ion:266 Resp: 478762
 Ion Ratio Lower Upper
 266 100
 268 66.1 49.8 74.6
 264 64.5 50.2 75.2

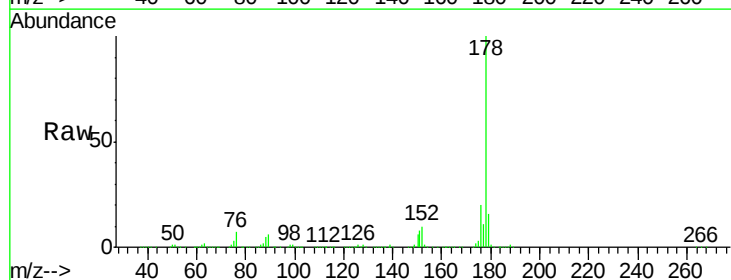


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

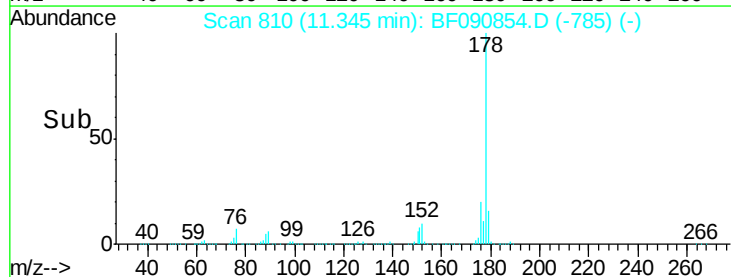
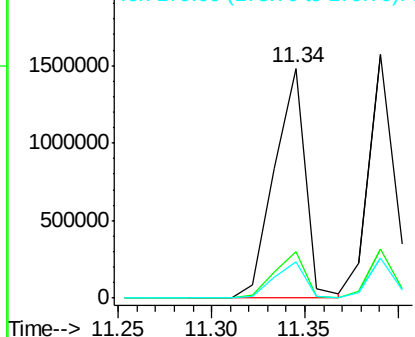


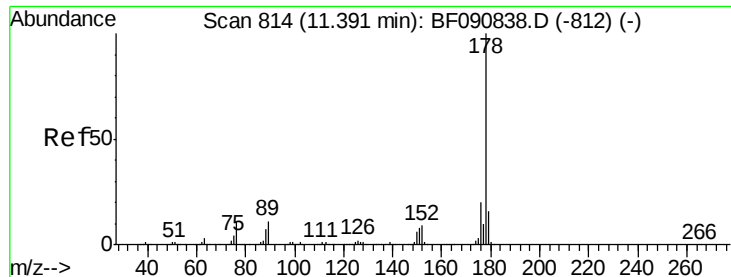
#70
 Phenanthrene
 Concen: 54.89 ng
 RT: 11.34 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF090854.D
 Acq: 26 Oct 2016 21:43

Tgt Ion:178 Resp: 1710096
 Ion Ratio Lower Upper
 178 100
 176 20.3 13.8 20.8
 179 16.0 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

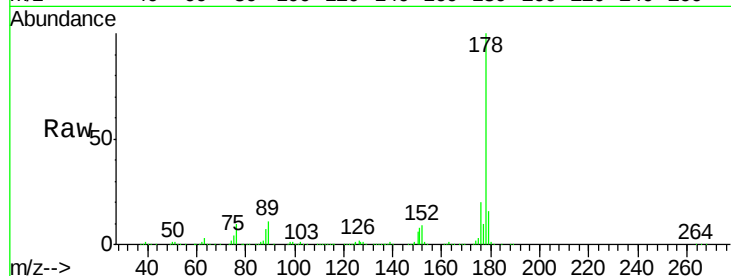




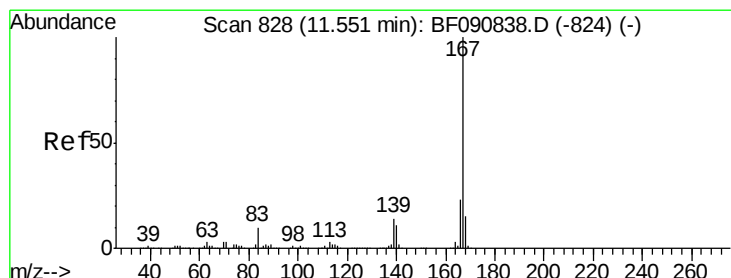
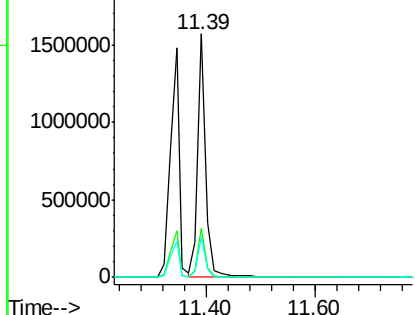
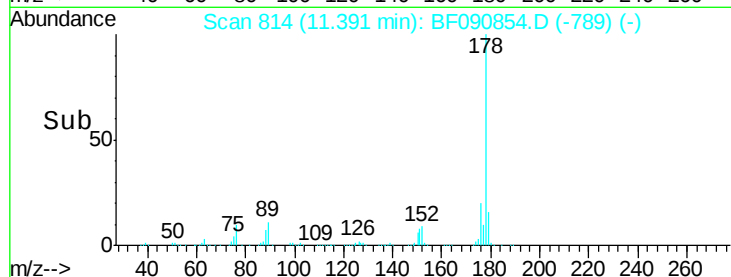
#71
 Anthracene
 Concen: 47.84 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF090854.D
 Acq: 26 Oct 2016 21:43

Instrument :
 BNA_F
 ClientSampleId :
 C0AA0MS

Tgt Ion:178 Resp: 1569388
 Ion Ratio Lower Upper
 178 100
 176 20.2 14.1 21.1
 179 16.5 12.2 18.2

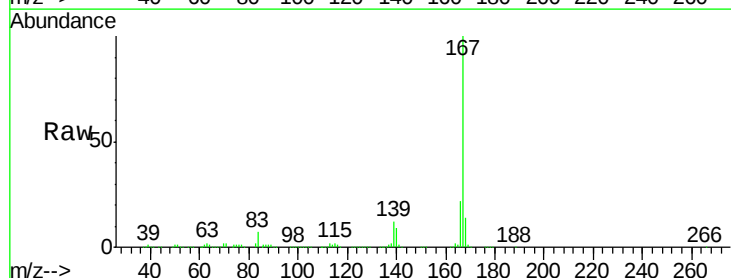


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

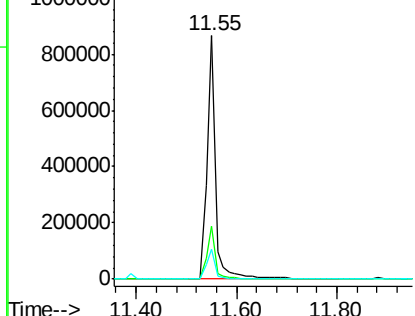
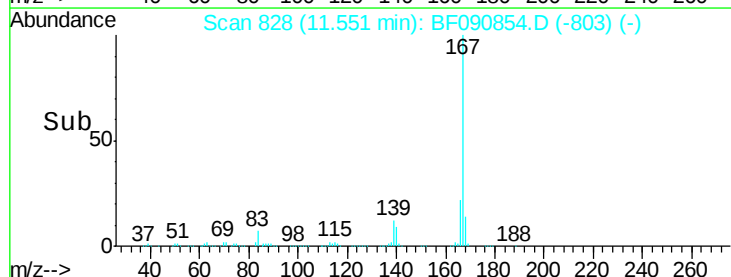


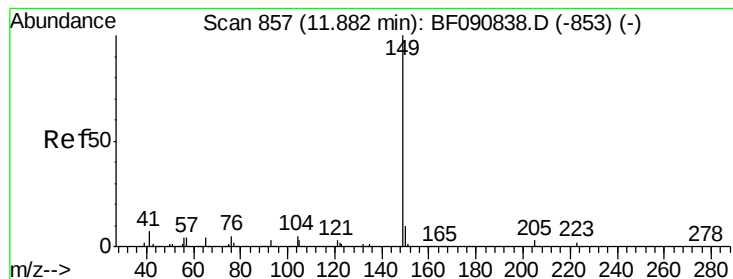
#72
 Carbazole
 Concen: 35.05 ng
 RT: 11.55 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF090854.D
 Acq: 26 Oct 2016 21:43

Tgt Ion:167 Resp: 1015255
 Ion Ratio Lower Upper
 167 100
 166 21.8 15.7 23.5
 139 12.4 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: 46.27 ng

RT: 11.88 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

Instrument :

BNA_F

ClientSampleId :

C0AA0MS

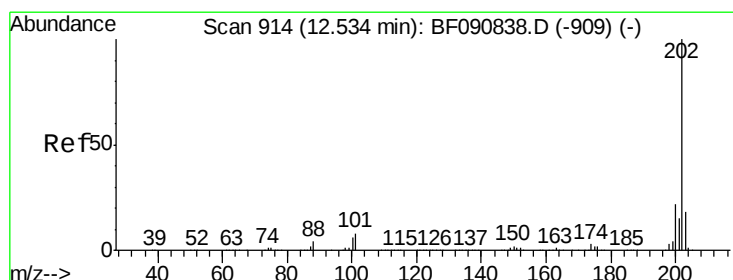
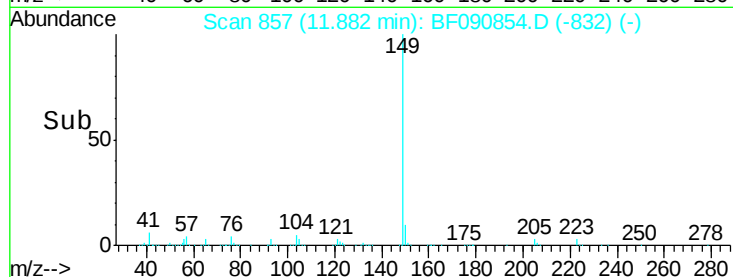
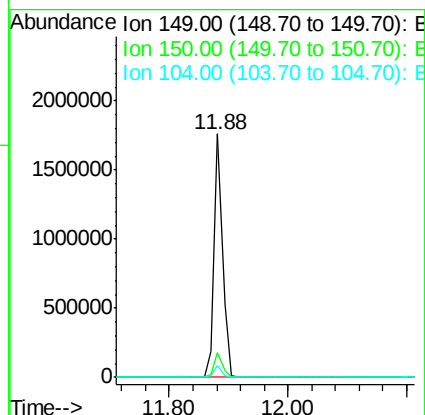
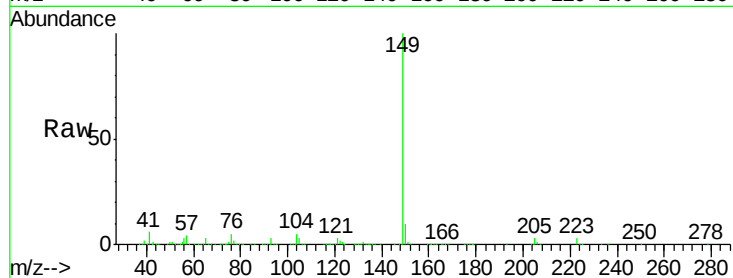
Tgt Ion:149 Resp: 1727963

Ion Ratio Lower Upper

149 100

150 10.1 7.4 11.2

104 5.0 2.4 3.6#



#74

Fluoranthene

Concen: 48.80 ng

RT: 12.52 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

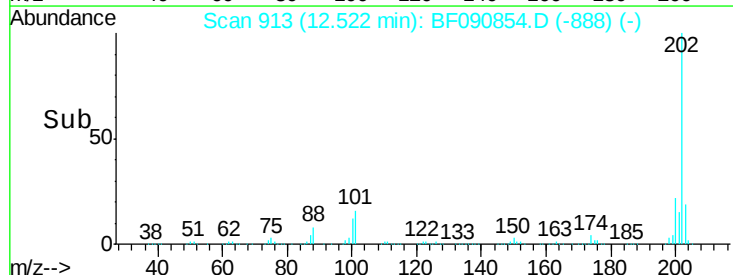
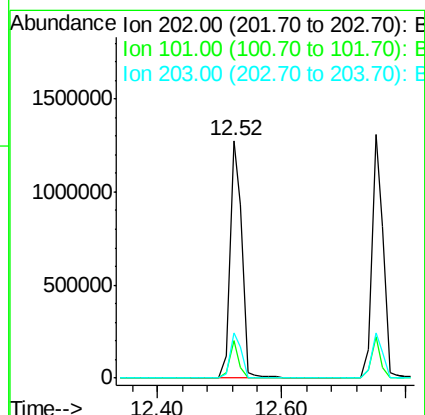
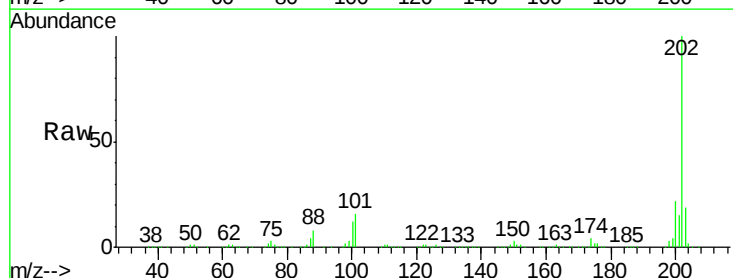
Tgt Ion:202 Resp: 1664981

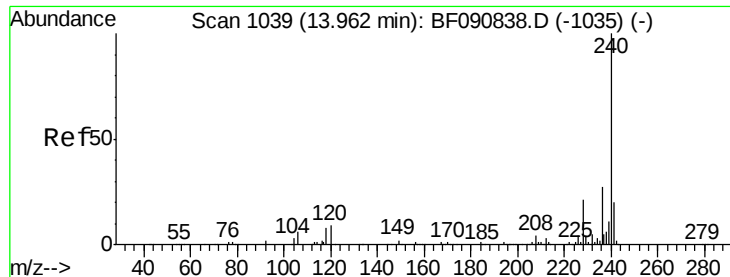
Ion Ratio Lower Upper

202 100

101 15.6 0.0 38.3

203 18.9 0.0 37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

Instrument :

BNA_F

ClientSampleId :

C0AA0MS

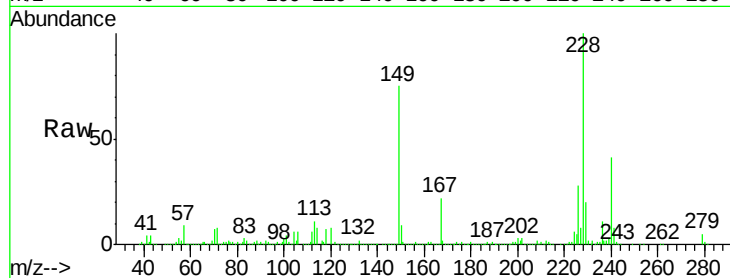
Tgt Ion:240 Resp: 474871

Ion Ratio Lower Upper

240 100

120 18.9 16.2 24.2

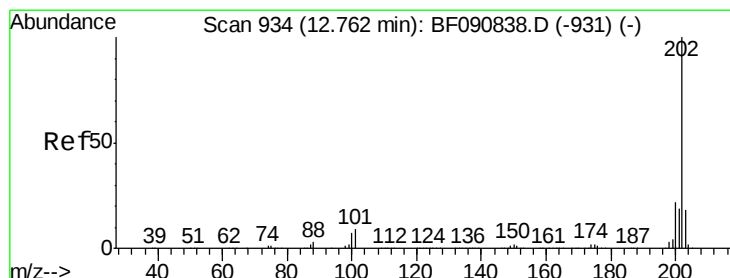
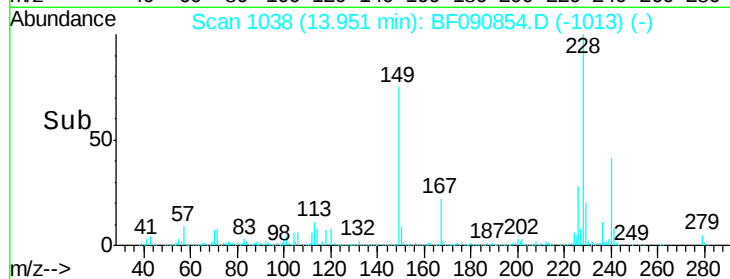
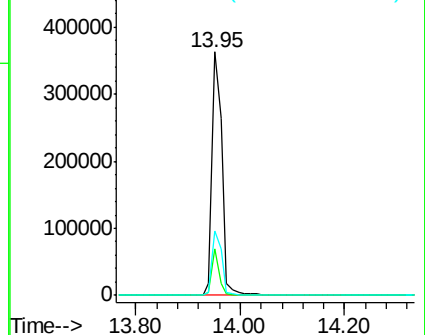
236 26.5 18.4 27.6



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



#77

Pyrene

Concen: 53.23 ng

RT: 12.75 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

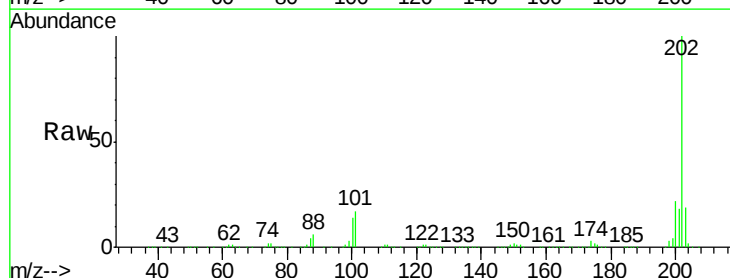
Tgt Ion:202 Resp: 1599759

Ion Ratio Lower Upper

202 100

200 22.4 15.0 22.4

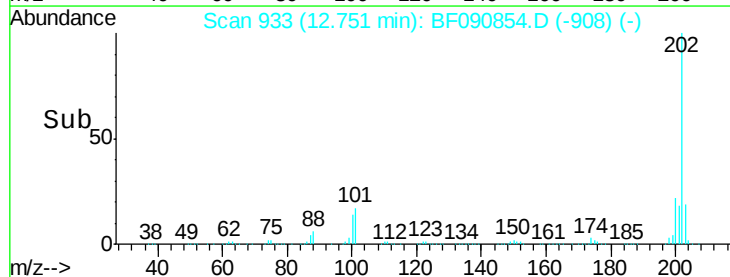
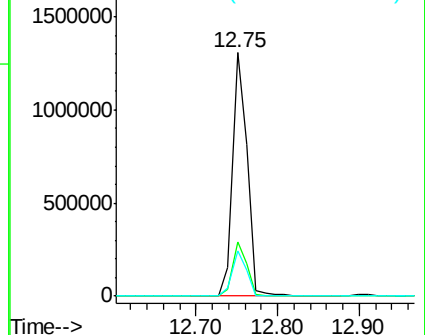
203 18.7 14.1 21.1

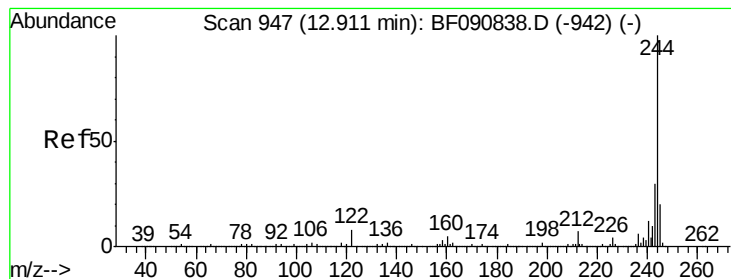


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 124.92 ng

RT: 12.90 min Scan# 946

Delta R.T. -0.02 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

Instrument :

BNA_F

ClientSampleId :

C0AA0MS

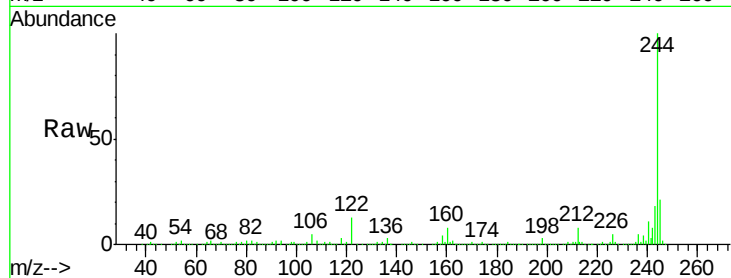
Tgt Ion:244 Resp: 2354637

Ion Ratio Lower Upper

244 100

212 7.5 4.3 6.5#

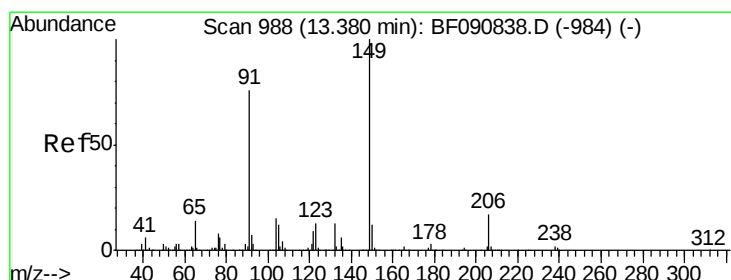
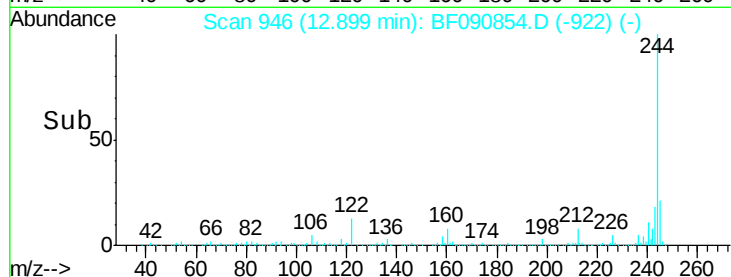
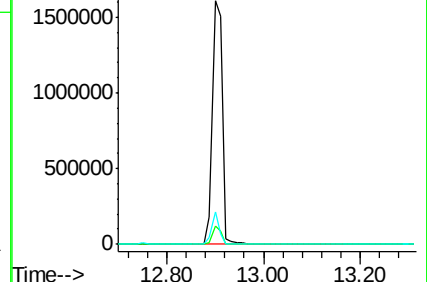
122 13.4 17.4 26.2#



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: 57.02 ng

RT: 13.38 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

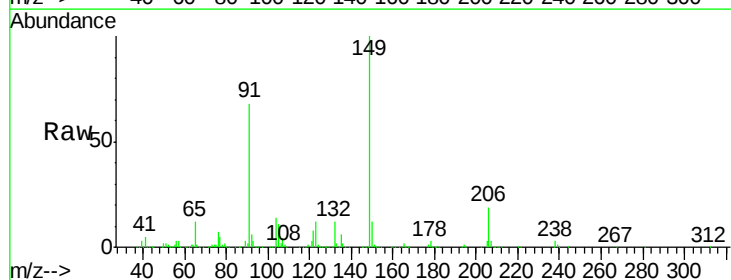
Tgt Ion:149 Resp: 777448

Ion Ratio Lower Upper

149 100

91 68.3 48.6 72.8

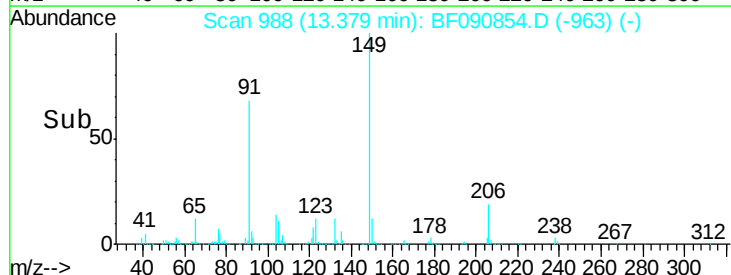
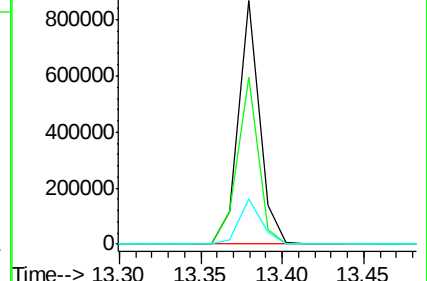
206 18.6 14.9 22.3

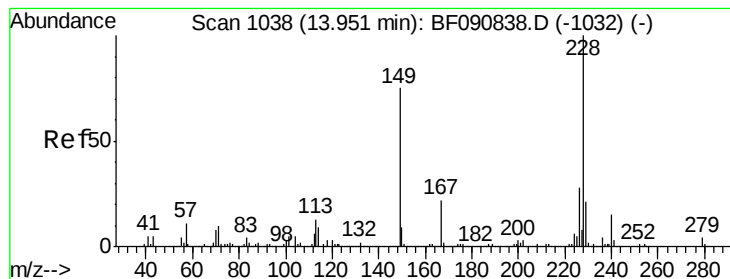


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 56.38 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

Instrument :

BNA_F

ClientSampleId :

C0AA0MS

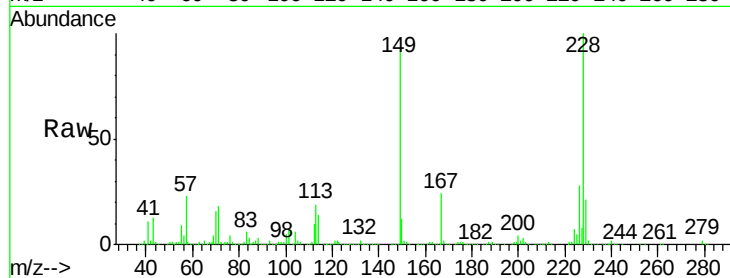
Tgt Ion:228 Resp: 1420808

Ion Ratio Lower Upper

228 100

226 28.5 20.0 30.0

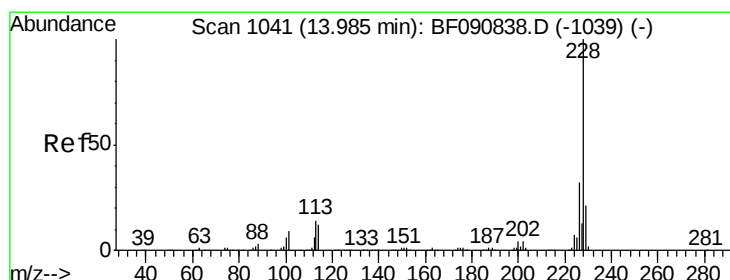
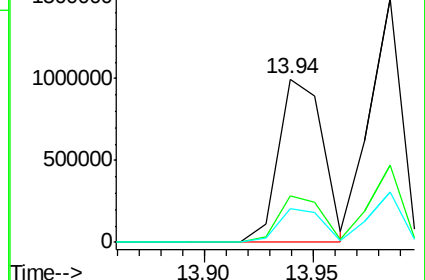
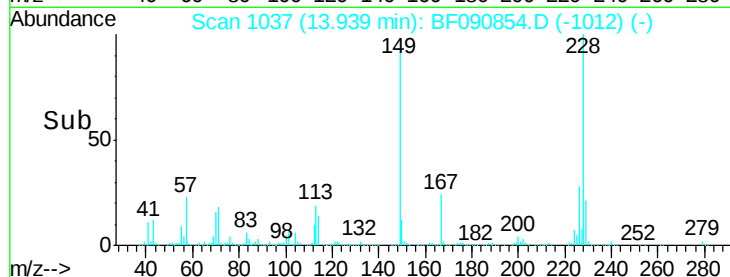
229 20.9 15.4 23.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 55.74 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.06 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

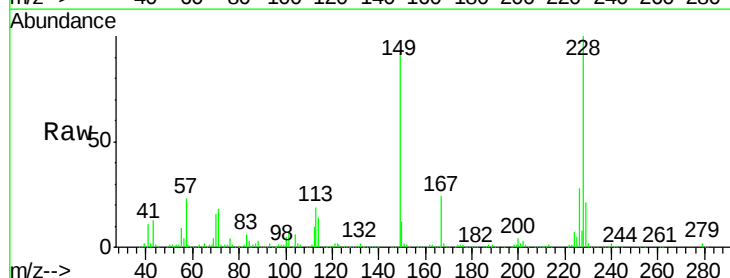
Tgt Ion:228 Resp: 1420808

Ion Ratio Lower Upper

228 100

226 28.5 21.0 31.4

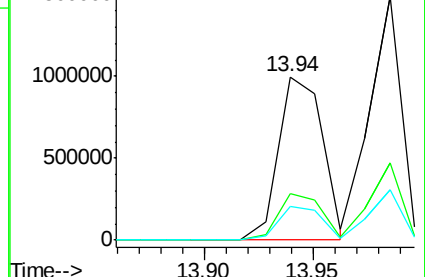
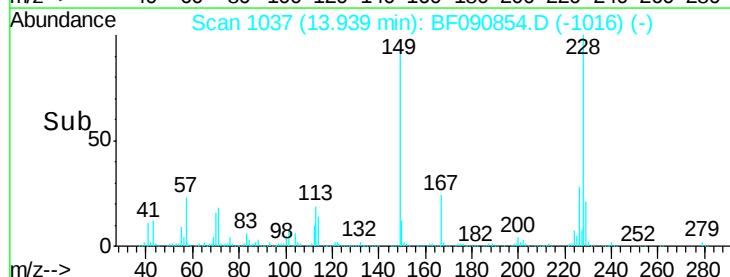
229 20.9 15.6 23.4

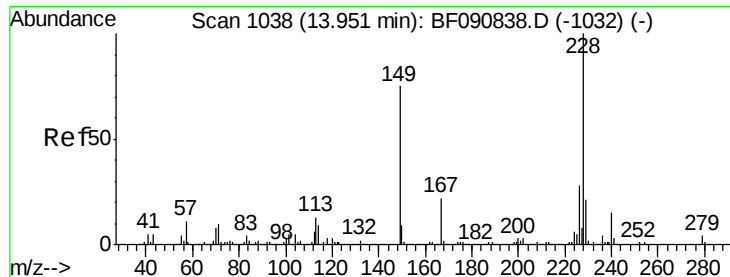


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

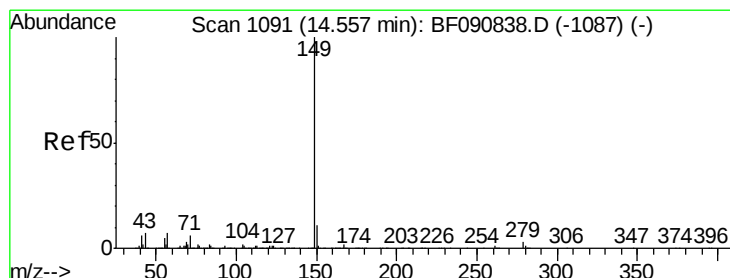
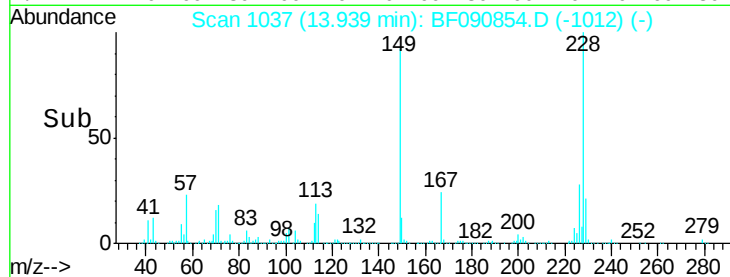
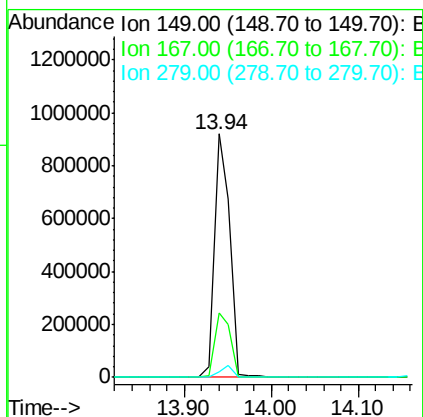
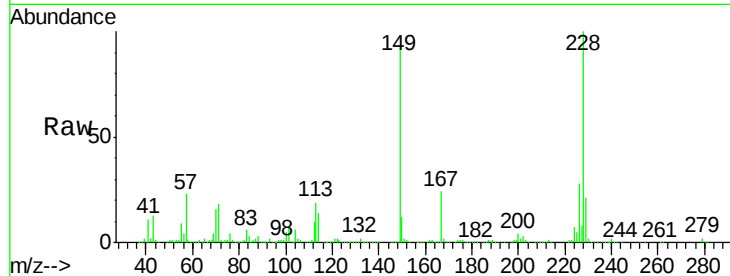




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 64.19 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF090854.D
 Acq: 26 Oct 2016 21:43

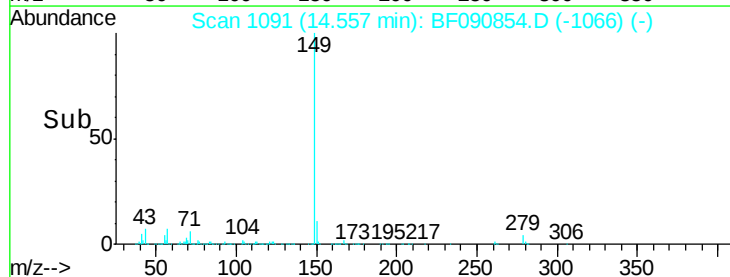
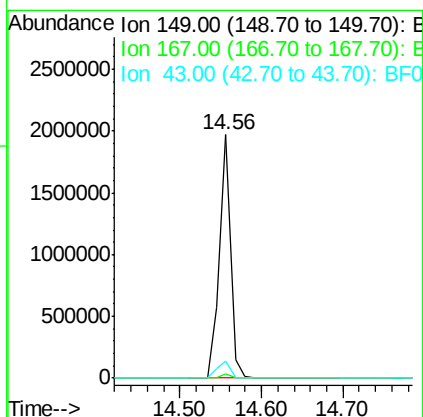
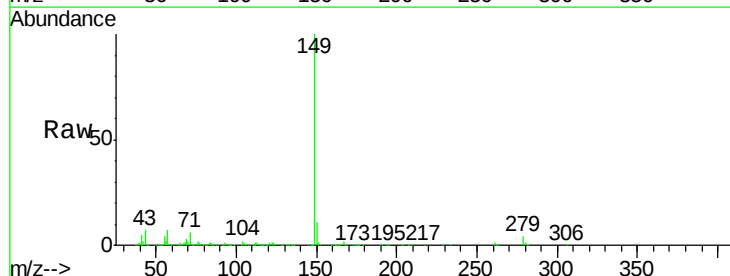
Instrument :
 BNA_F
 ClientSampleId :
 C0AA0MS

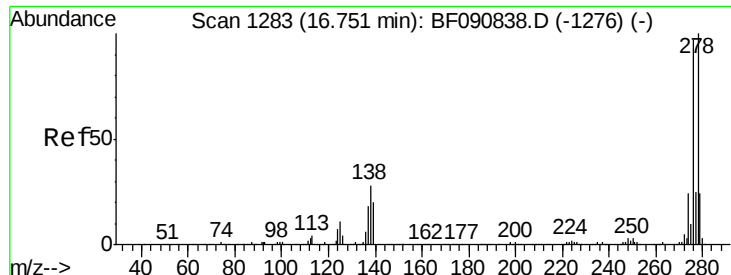
Tgt Ion:149 Resp: 1139789
 Ion Ratio Lower Upper
 149 100
 167 26.3 24.2 36.2
 279 2.2 3.8 5.6#



#84
 Di-n-octyl phthalate
 Concen: 62.66 ng
 RT: 14.56 min Scan# 1091
 Delta R.T. -0.01 min
 Lab File: BF090854.D
 Acq: 26 Oct 2016 21:43

Tgt Ion:149 Resp: 1868423
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.0 1.6#
 43 8.0 10.2 15.2#

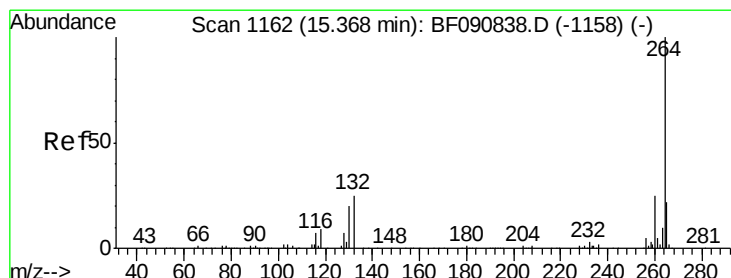
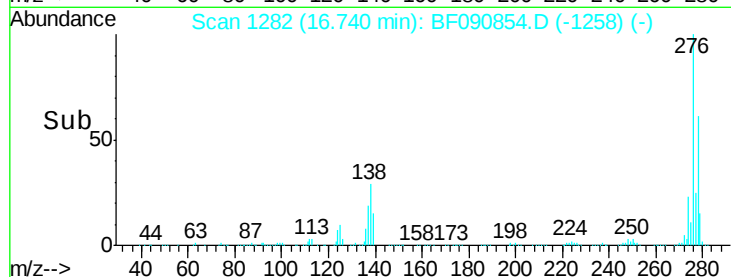
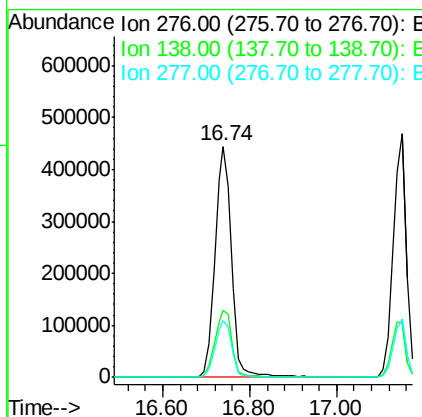
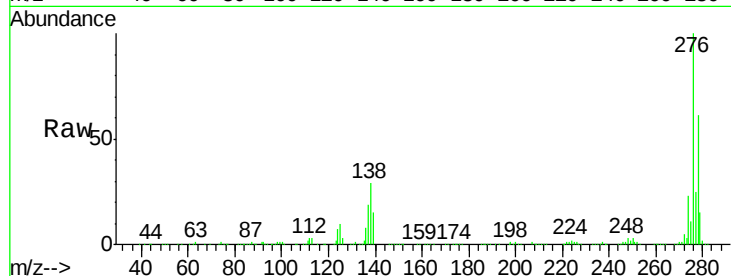




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 53.42 ng
 RT: 16.74 min Scan# 1282
 Delta R.T. -0.02 min
 Lab File: BF090854.D
 Acq: 26 Oct 2016 21:43

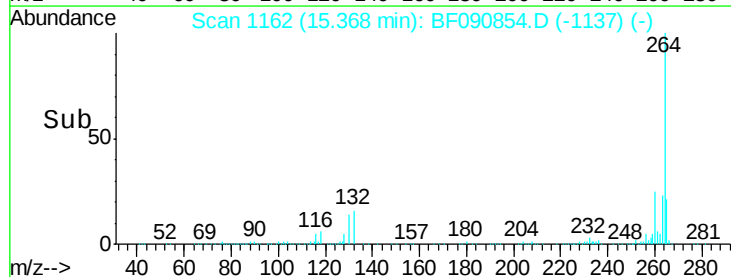
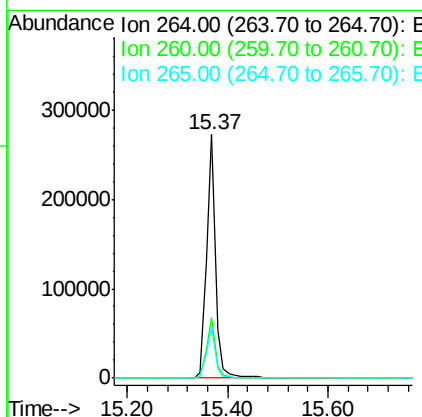
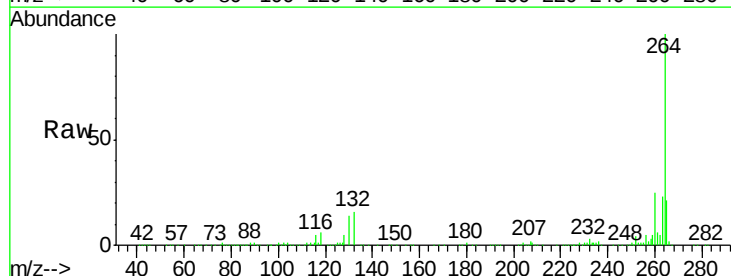
Instrument :
 BNA_F
 ClientSampleId :
 C0AA0MS

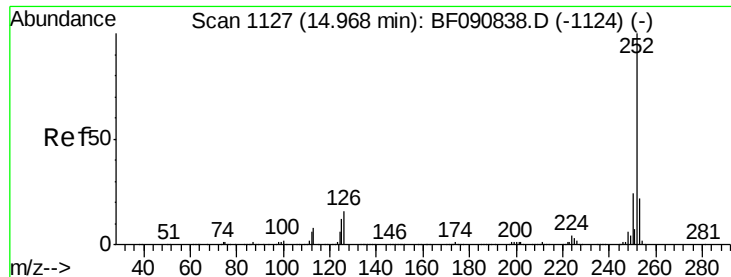
Tgt Ion:276 Resp: 1206693
 Ion Ratio Lower Upper
 276 100
 138 30.5 25.7 38.5
 277 25.1 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BF090854.D
 Acq: 26 Oct 2016 21:43

Tgt Ion:264 Resp: 339290
 Ion Ratio Lower Upper
 264 100
 260 25.1 16.7 25.1
 265 21.2 17.2 25.8

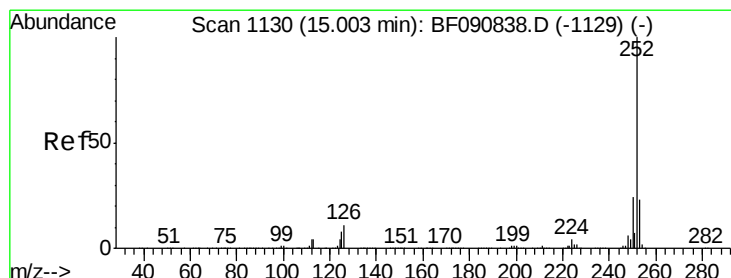
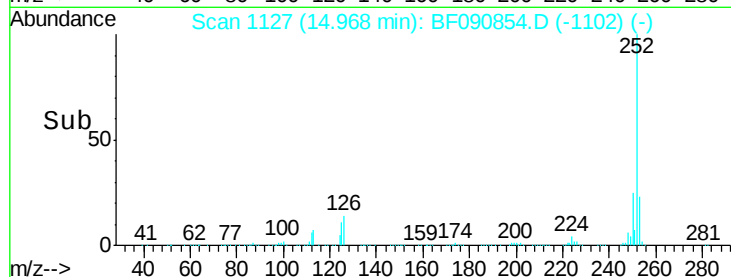
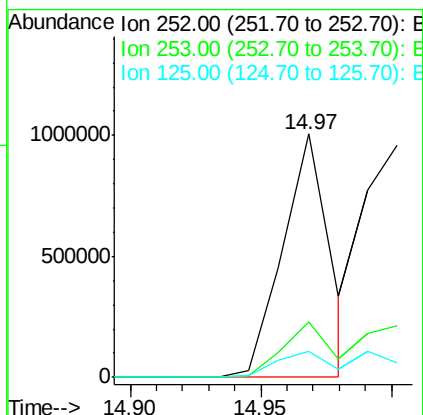
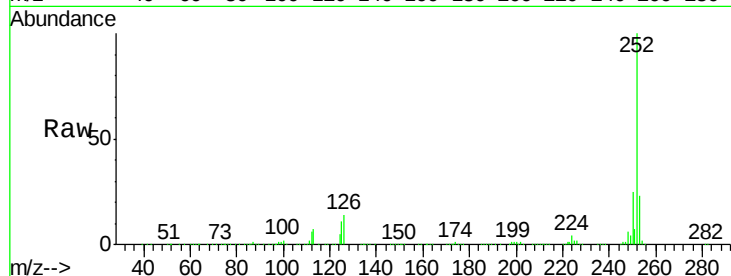




#87
Benzo(b)fluoranthene
Concen: 54.82 ng
RT: 14.97 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF090854.D
Acq: 26 Oct 2016 21:43

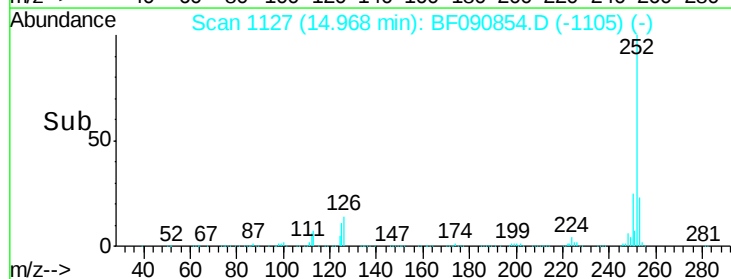
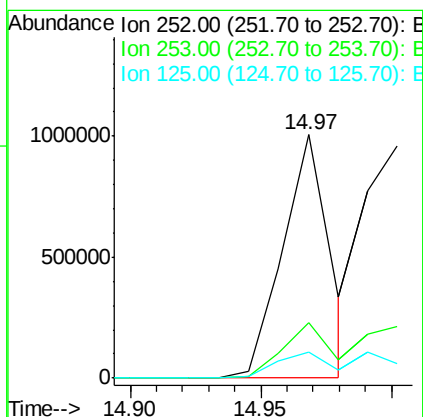
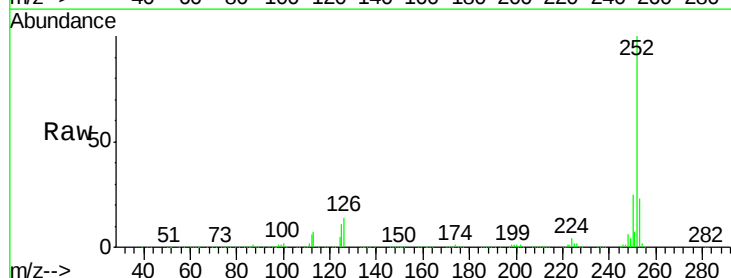
Instrument :
BNA_F
ClientSampleId :
C0AA0MS

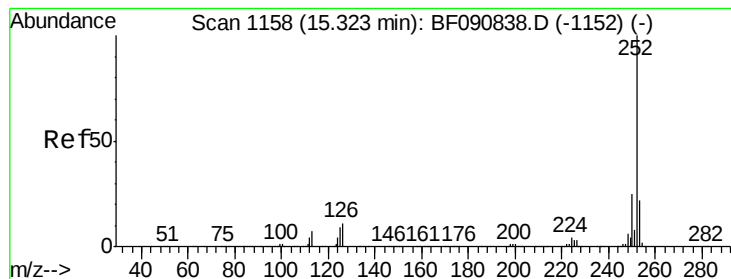
Tgt Ion:252 Resp: 1250735
Ion Ratio Lower Upper
252 100
253 22.7 17.5 26.3
125 10.7 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 69.37 ng
RT: 14.97 min Scan# 1127
Delta R.T. -0.05 min
Lab File: BF090854.D
Acq: 26 Oct 2016 21:43

Tgt Ion:252 Resp: 1250735
Ion Ratio Lower Upper
252 100
253 22.7 17.0 25.4
125 10.7 16.0 24.0#





#89

Benzo(a)pyrene

Concen: 56.87 ng

RT: 15.31 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

Instrument :

BNA_F

ClientSampleId :

C0AA0MS

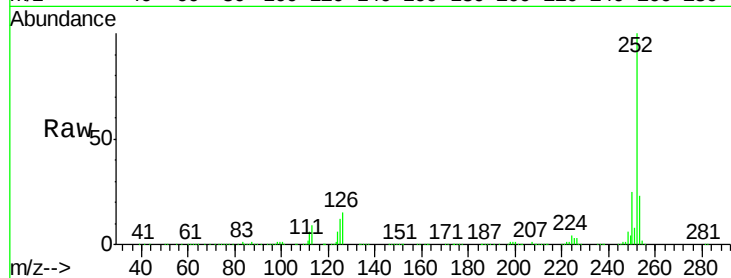
Tgt Ion:252 Resp: 1114915

Ion Ratio Lower Upper

252 100

253 22.5 17.2 25.8

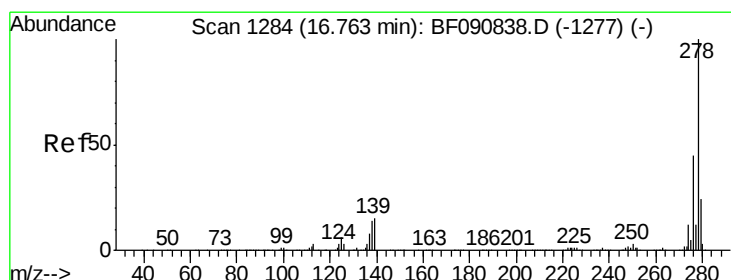
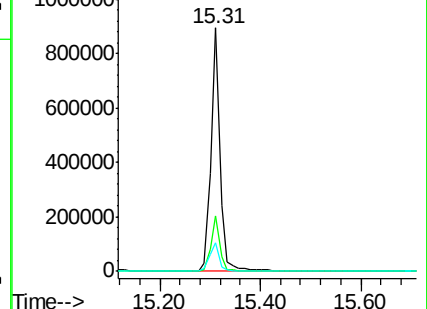
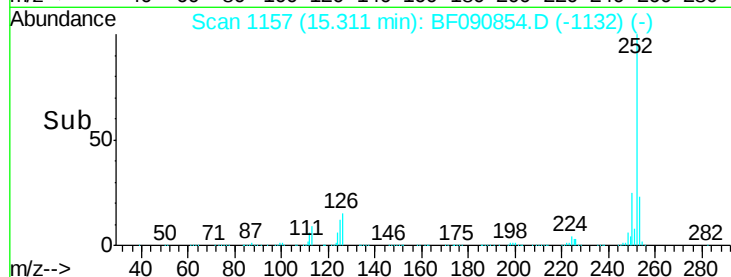
125 12.0 18.0 27.0#



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: 63.60 ng

RT: 16.75 min Scan# 1283

Delta R.T. -0.02 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

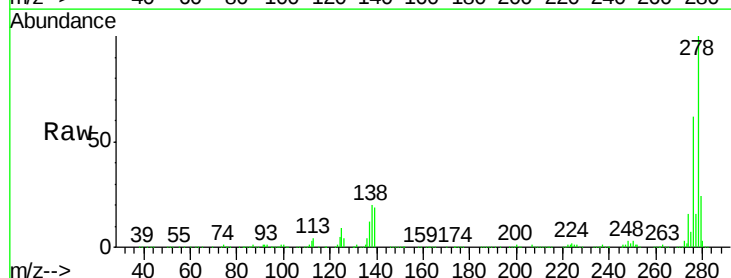
Tgt Ion:278 Resp: 1055416

Ion Ratio Lower Upper

278 100

139 19.3 26.3 39.5#

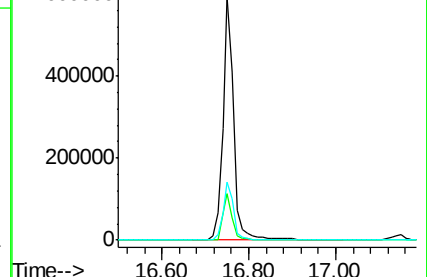
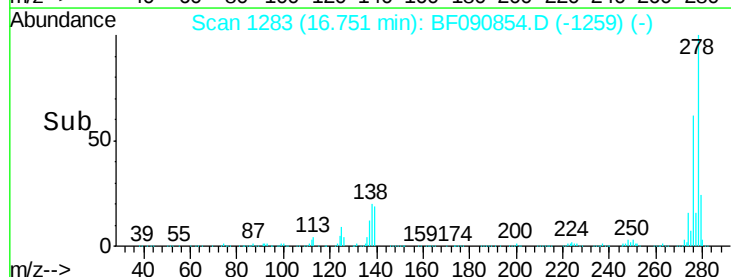
279 23.8 18.2 27.4

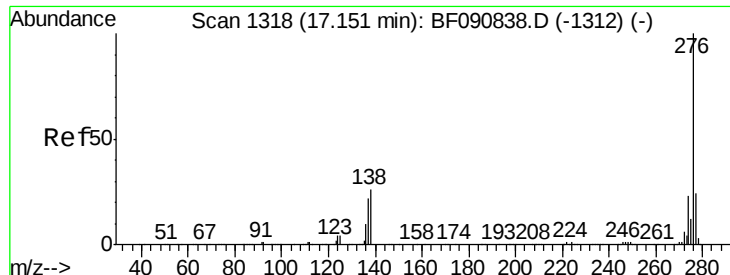


Abundance Ion 278.00 (277.70 to 278.70): E

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: 63.94 ng

RT: 17.15 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF090854.D

Acq: 26 Oct 2016 21:43

Instrument :

BNA_F

ClientSampleId :

C0AA0MS

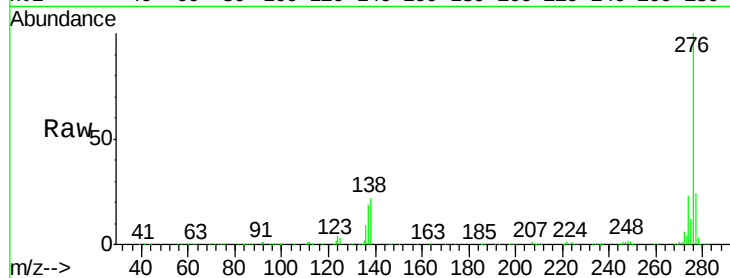
Tgt Ion: 276 Resp: 999352

Ion Ratio Lower Upper

276 100

277 23.7 17.8 26.6

138 22.4 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

