

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
 Data File : BF084354.D
 Acq On : 10 Jan 2016 10:13
 Operator : SJ/UM
 Sample : H1043-01MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 11 00:14:23 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	243247	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	1033728	20.00	ng	-0.05
38) Acenaphthene-d10	9.90	164	481994	20.00	ng	-0.05
63) Phenanthrene-d10	11.38	188	900572	20.00	ng	-0.05
75) Chrysene-d12	14.02	240	678122	20.00	ng	-0.05
86) Perylene-d12	15.45	264	547304	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1893144	125.88	ng	-0.01
7) Phenol-d6	6.51	99	2160152	114.37	ng	-0.02
23) Nitrobenzene-d5	7.42	82	1402918	75.53	ng	-0.05
41) 2,4,6-Tribromophenol	10.69	330	560945	115.28	ng	-0.05
44) 2-Fluorobiphenyl	9.22	172	2229613	81.08	ng	-0.05
78) Terphenyl-d14	12.97	244	2100076	69.13	ng	-0.05

Target Compounds						Qvalue
2) 1,4-Dioxane	2.51	88	243643	34.20	ng	# 72
3) Pyridine	3.23	79	709245	35.71	ng	# 69
4) n-Nitrosodimethylamine	3.18	42	402528	39.48	ng	# 77
6) Aniline	6.52	93	578391	20.93	ng	# 18
8) 2-Chlorophenol	6.65	128	724416	42.46	ng	90
9) Benzaldehyde	6.40	77	190631	15.50	ng	93
10) Phenol	6.52	94	748415	34.85	ng	77
11) bis(2-Chloroethyl)ether	6.60	93	743818	44.71	ng	92
12) 1,3-Dichlorobenzene	6.88	146	767022	43.58	ng	97
13) 1,4-Dichlorobenzene	6.88	146	767022	43.46	ng	94
14) 1,2-Dichlorobenzene	7.02	146	633130	37.46	ng	94
15) Benzyl Alcohol	7.00	79	622615	39.19	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1111446	36.69	ng	97
17) 2-Methylphenol	7.13	107	576068	40.28	ng	# 90
18) Hexachloroethane	7.37	117	280923	39.80	ng	93
19) n-Nitroso-di-n-propylamine	7.28	70	489069	38.25	ng	# 70
20) 3+4-Methylphenols	7.29	107	755357	44.94	ng	88
22) Acetophenone	7.28	105	1031388	41.49	ng	# 94
24) Nitrobenzene	7.45	77	871371	46.25	ng	96
25) Isophorone	7.69	82	1453466	40.92	ng	98
26) 2-Nitrophenol	7.76	139	368426	42.97	ng	# 72
27) 2,4-Dimethylphenol	7.81	122	669724	38.59	ng	91
28) bis(2-Chloroethoxy)methane	7.89	93	841732	38.79	ng	99
29) 2,4-Dichlorophenol	8.01	162	572685	39.62	ng	96
30) 1,2,4-Trichlorobenzene	8.09	180	650794	43.61	ng	# 96
31) Naphthalene	8.17	128	2020199	43.07	ng	99
32) Benzoic acid	7.90	122	111241	14.92	ng	87
33) 4-Chloroaniline	8.21	127	262565	12.21	ng	98
34) Hexachlorobutadiene	8.28	225	329875	38.45	ng	98
35) Caprolactam	8.59	113	152085	31.21	ng	# 50
36) 4-Chloro-3-methylphenol	8.72	107	664259	41.02	ng	94
37) 2-Methylnaphthalene	8.85	142	1290643	38.34	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	571544	41.25	ng	98
40) Hexachlorocyclopentadiene	9.01	237	567351	67.83	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	387211	37.35	nq	95
43) 2,4,5-Trichlorophenol	9.18	196	412980	41.56	nq	# 84
45) 1,1'-Biphenyl	9.32	154	1513445	39.51	nq	99
46) 2-Chloronaphthalene	9.34	162	1164320	38.69	nq	96
47) 2-Nitroaniline	9.45	65	496478	49.99	nq	94
48) Acenaphthylene	9.77	152	1911920	43.01	nq	99
49) Dimethylphthalate	9.63	163	1897948	55.08	nq	# 90
50) 2,6-Dinitrotoluene	9.69	165	309041	40.89	nq	# 50
51) Acenaphthene	9.94	154	1377129	46.18	nq	97
52) 3-Nitroaniline	9.86	138	281651	30.08	nq	89
53) 2,4-Dinitrophenol	9.96	184	217399	68.08	nq	# 83
54) Dibenzofuran	10.11	168	1755484	45.49	nq	99
55) 4-Nitrophenol	10.04	139	517620	76.15	nq	# 78
56) 2,4-Dinitrotoluene	10.09	165	422320	44.15	nq	# 80
57) Fluorene	10.45	166	1341322	44.91	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	339181	39.97	nq	95
59) Diethylphthalate	10.33	149	1444177	42.51	nq	99
60) 4-Chlorophenyl-phenylether	10.44	204	617658	49.87	nq	97
61) 4-Nitroaniline	10.48	138	333859	39.99	nq	96
62) Azobenzene	10.60	77	1609606	43.20	nq	91
64) 4,6-Dinitro-2-methylphenol	10.50	198	216264	39.31	nq	82
65) n-Nitrosodiphenylamine	10.57	169	1228007	42.65	nq	98
66) 4-Bromophenyl-phenylether	10.93	248	423073	43.65	nq	# 93
67) Hexachlorobenzene	10.99	284	414549	38.00	nq	# 76
68) Atrazine	11.09	200	385052	40.86	nq	98
69) Pentachlorophenol	11.20	266	452157	79.93	nq	98
70) Phenanthrene	11.41	178	2148194	45.60	nq	97
71) Anthracene	11.46	178	1849693	40.06	nq	97
72) Carbazole	11.62	167	1892040	41.91	nq	97
73) Di-n-butylphthalate	11.95	149	2188314	45.82	nq	# 95
74) Fluoranthene	12.59	202	1964832	39.93	nq	98
76) Benzydine	12.72	184	384914	15.83	nq	97
77) Pyrene	12.82	202	1994857	37.49	nq	98
79) Butylbenzylphthalate	13.45	149	1027767	44.63	nq	98
80) Benzo(a)anthracene	14.01	228	1539510	38.66	nq	98
81) 3,3'-Dichlorobenzidine	13.97	252	371474	26.73	nq	# 95
82) Chrysene	14.04	228	1504144	39.31	nq	98
83) Bis(2-ethylhexyl)phthalate	14.01	149	1239134	42.59	nq	# 97
84) Di-n-octyl phthalate	14.61	149	2048153	41.70	nq	# 88
85) Indeno(1,2,3-cd)pyrene	16.84	276	1226851	40.45	nq	100
87) Benzo(b)fluoranthene	15.07	252	2740670	76.55	nq	98
88) Benzo(k)fluoranthene	15.07	252	2742131	93.65	nq	# 97
89) Benzo(a)pyrene	15.39	252	1283752	42.27	nq	99
90) Dibenzo(a,h)anthracene	16.87	278	1032949	39.53	nq	# 95
91) Benzo(g,h,i)perylene	17.27	276	1035501	38.27	nq	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.05 min

Lab File: BF084354.D

Acq: 10 Jan 2016 10:13

Instrument :

BNA_F

ClientSampled :

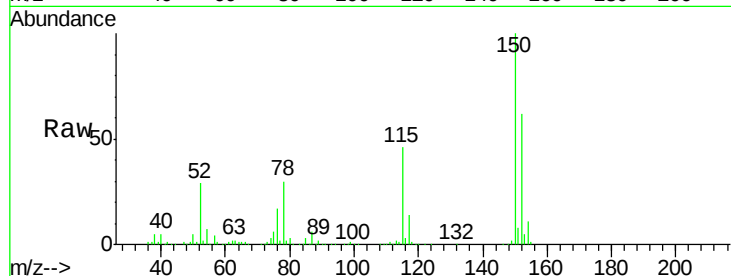
Tot Ion:152 Resp: 243247

Ion Ratio Lower Upper

152 100

150 160.3 123.0 184.4

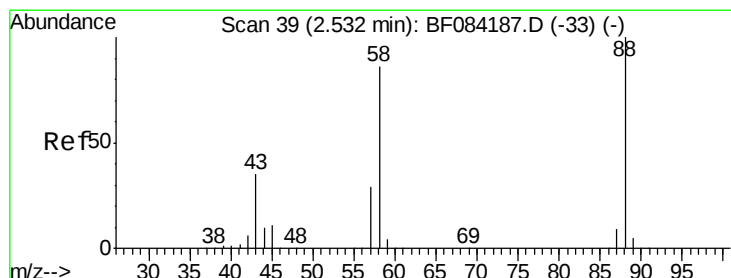
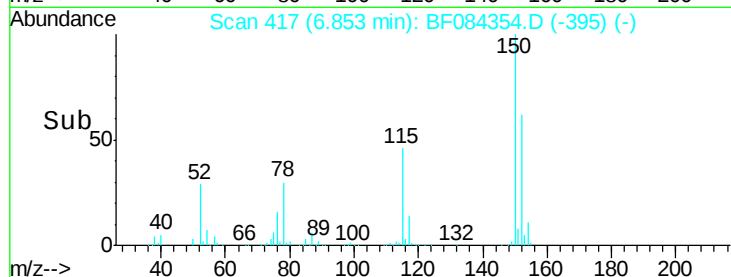
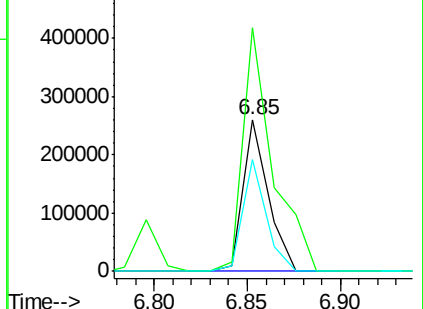
115 73.5 51.4 77.2



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: 34.20 ng

RT: 2.51 min Scan# 37

Delta R.T. -0.02 min

Lab File: BF084354.D

Acq: 10 Jan 2016 10:13

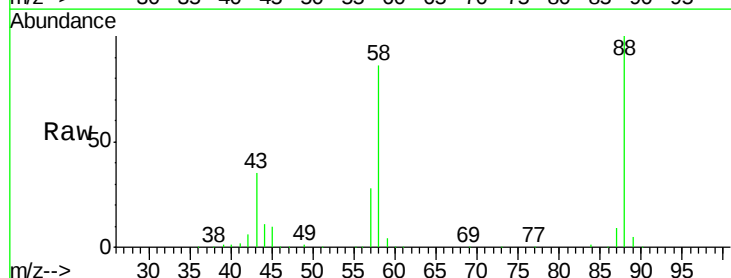
Tgt Ion: 88 Resp: 243643

Ion Ratio Lower Upper

88 100

58 88.4 51.2 76.8#

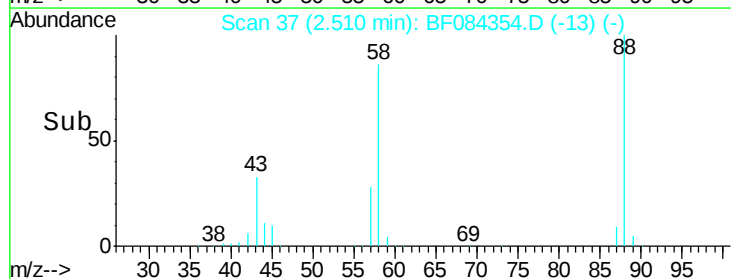
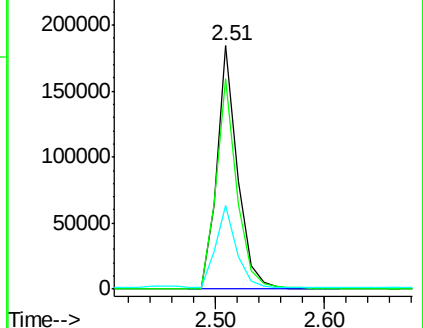
43 34.6 19.5 29.3#

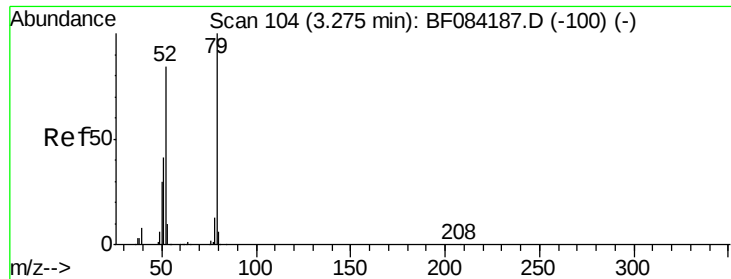


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 35.71 ng

RT: 3.23 min Scan# 100

Delta R.T. -0.05 min

Lab File: BF084354.D

Acq: 10 Jan 2016 10:13

Instrument :

BNA_F

ClientSampleId :

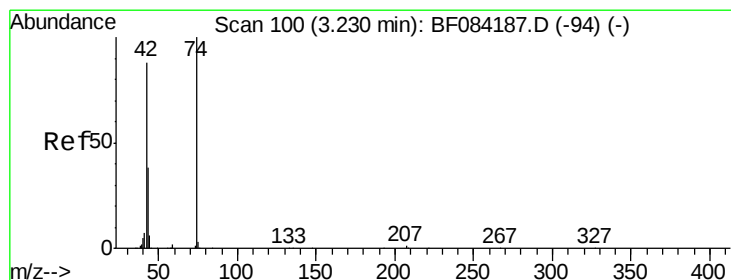
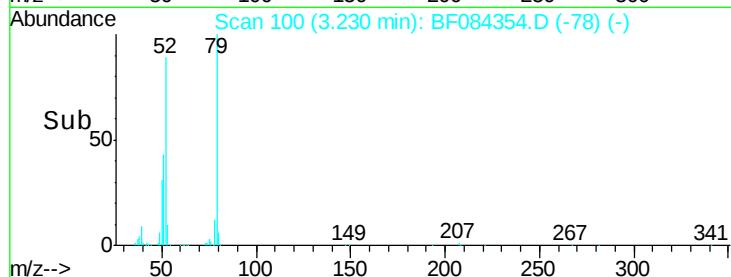
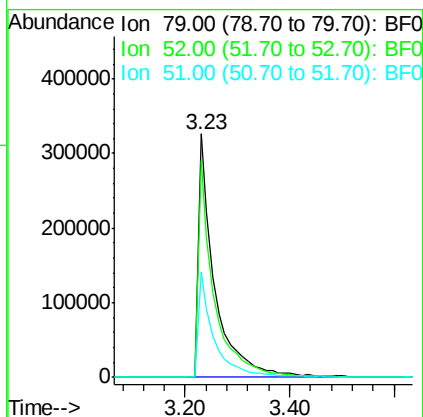
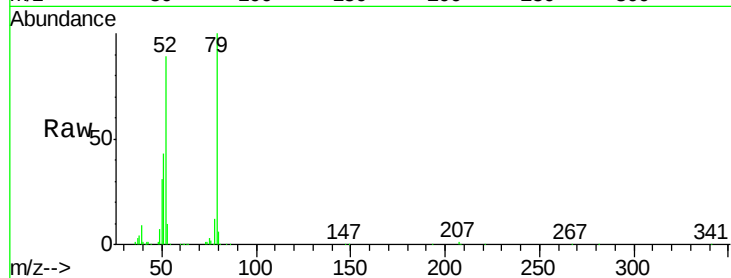
Tot Ion: 79 Resp: 709245

Ion Ratio Lower Upper

79 100

52 88.8 49.0 73.4#

51 43.5 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 39.48 ng

RT: 3.18 min Scan# 96

Delta R.T. -0.05 min

Lab File: BF084354.D

Acq: 10 Jan 2016 10:13

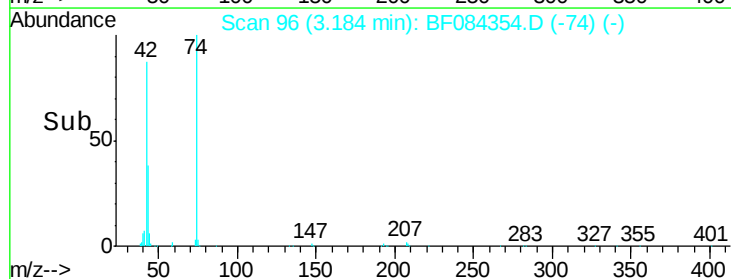
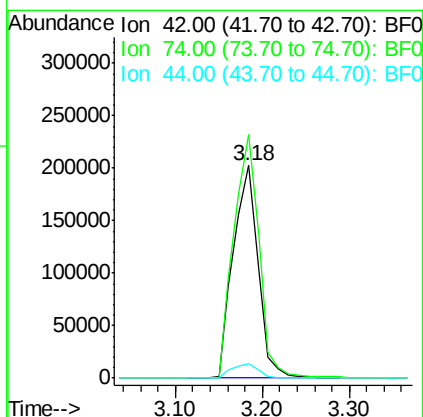
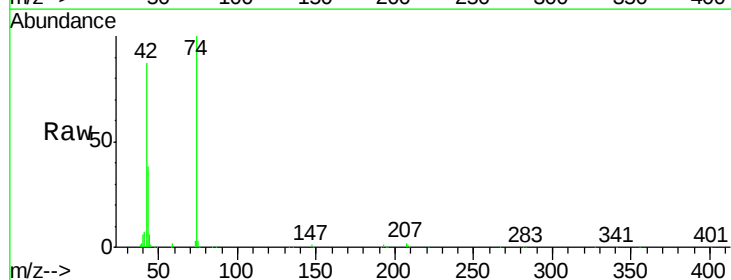
Tgt Ion: 42 Resp: 402528

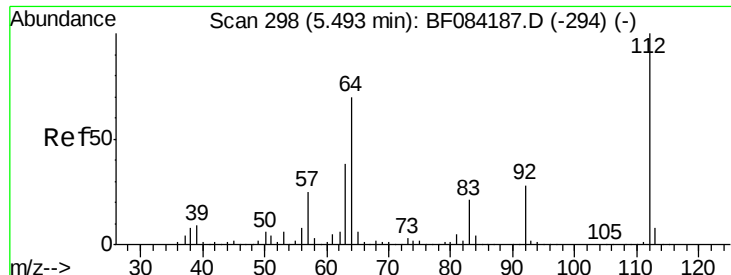
Ion Ratio Lower Upper

42 100

74 114.6 115.7 173.5#

44 7.1 5.1 7.7





#5

2-Fluorophenol

Concen: 125.88 ng

RT: 5.48 min Scan# 297

Delta R.T. -0.01 min

Lab File: BF084354.D

Acq: 10 Jan 2016 10:13

Instrument :

BNA_F

ClientSampled :

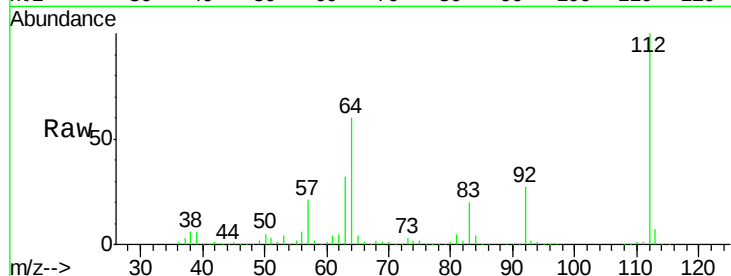
Tot Ion:112 Resp: 1893144

Ion Ratio Lower Upper

112 100

64 60.0 36.6 55.0#

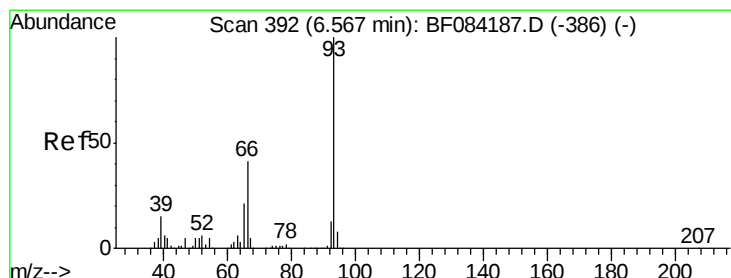
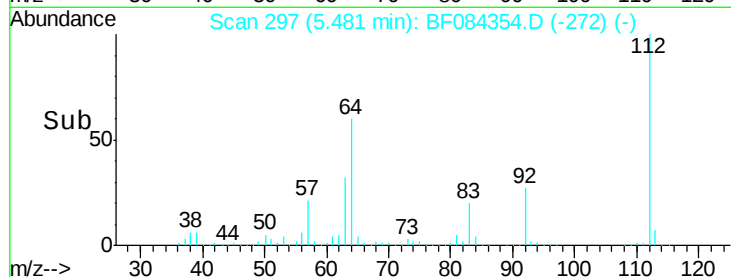
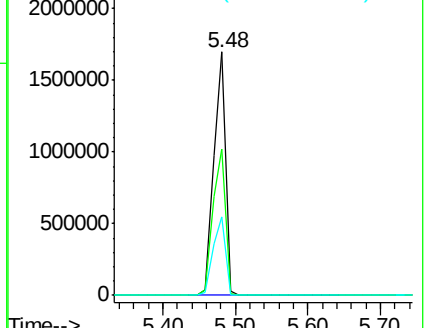
63 32.3 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 20.93 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.05 min

Lab File: BF084354.D

Acq: 10 Jan 2016 10:13

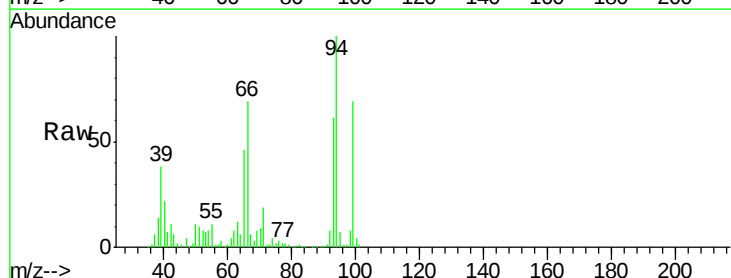
Tgt Ion: 93 Resp: 578391

Ion Ratio Lower Upper

93 100

66 113.5 44.9 67.3#

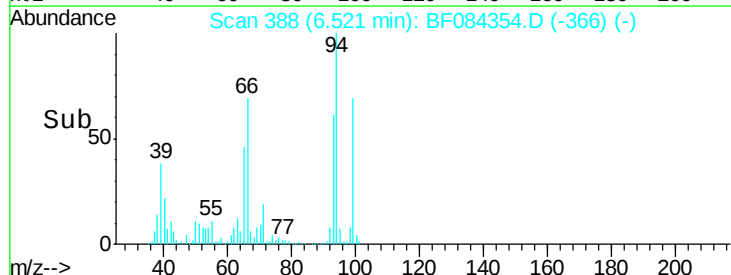
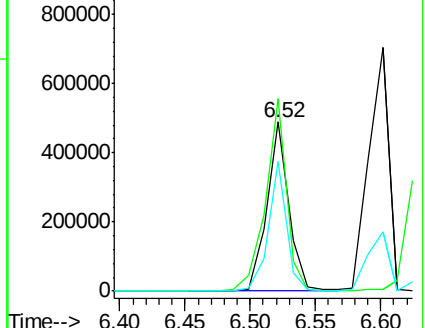
65 76.5 23.7 35.5#

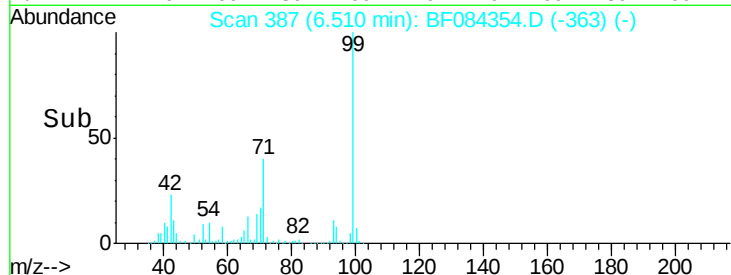
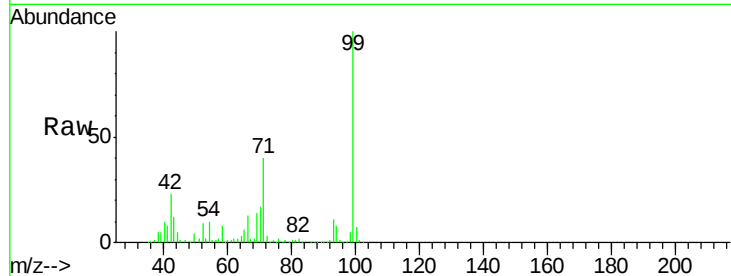


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 114.37 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF084354.D

Acq: 10 Jan 2016 10:13

Instrument :

BNA_F

ClientSampled :

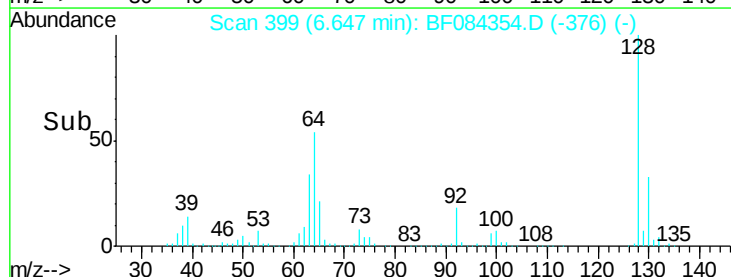
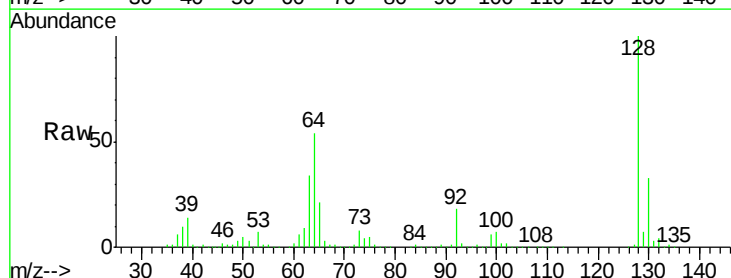
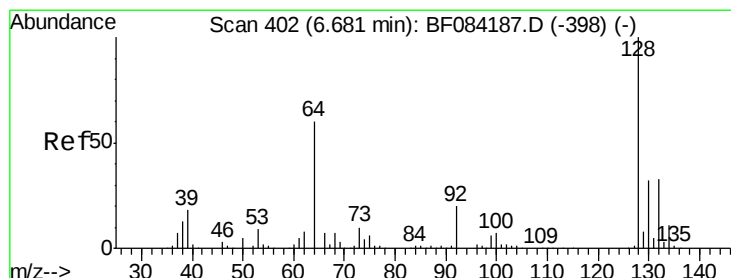
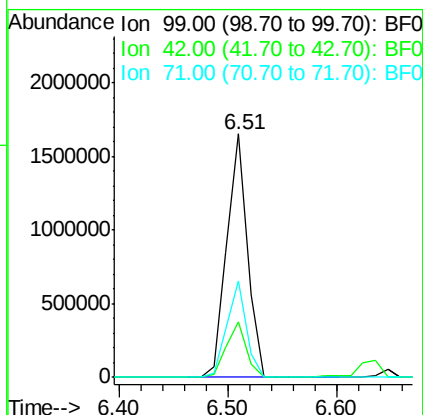
Tot Ion: 99 Resp: 2160152

Ion Ratio Lower Upper

99 100

42 22.6 12.8 19.2#

71 39.8 30.9 46.3



#8

2-Chlorophenol

Concen: 42.46 ng

RT: 6.65 min Scan# 399

Delta R.T. -0.03 min

Lab File: BF084354.D

Acq: 10 Jan 2016 10:13

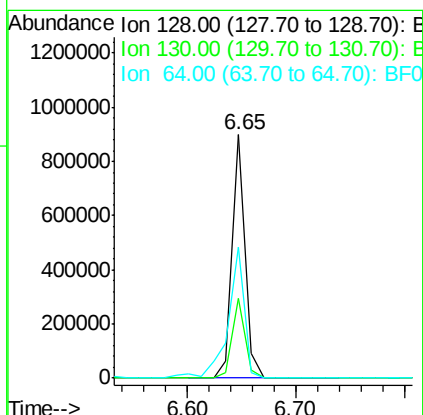
Tgt Ion: 128 Resp: 724416

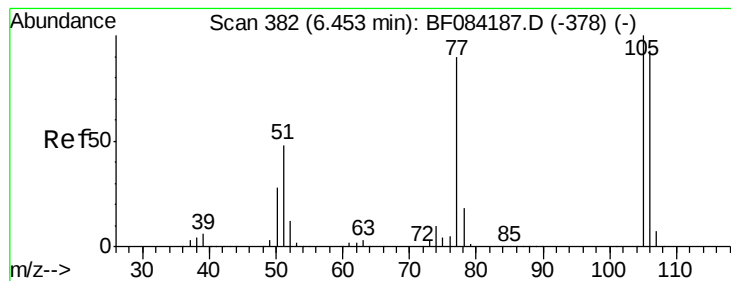
Ion Ratio Lower Upper

128 100

130 32.5 11.6 51.6

64 54.0 23.8 63.8





#9

Benzaldehyde

Concen: 15.50 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.06 min

Lab File: BF084354.D

Acq: 10 Jan 2016 10:13

Instrument :

BNA_F

ClientSampleId :

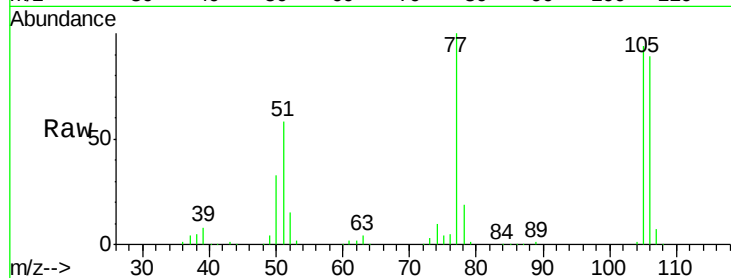
Tot Ion: 77 Resp: 190631

Ion Ratio Lower Upper

77 100

105 94.2 83.0 123.0

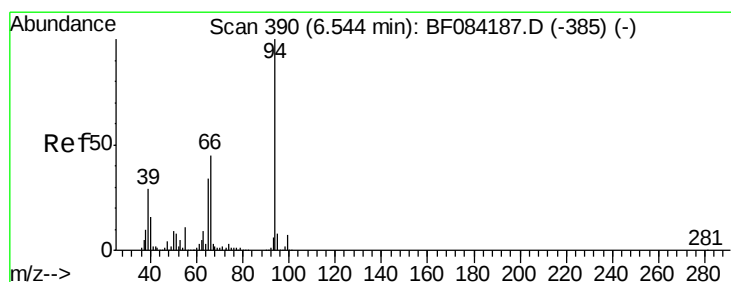
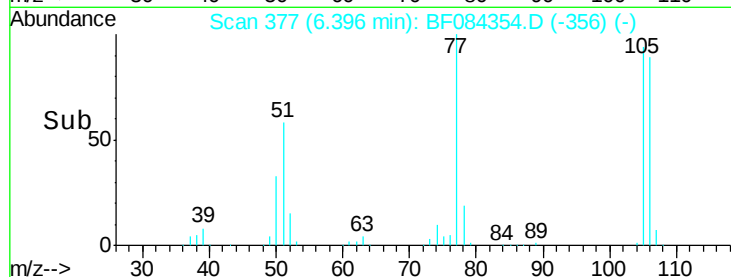
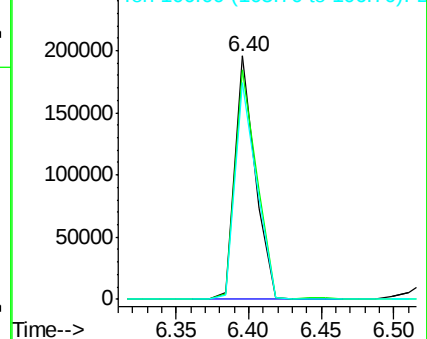
106 88.9 74.6 114.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 34.85 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF084354.D

Acq: 10 Jan 2016 10:13

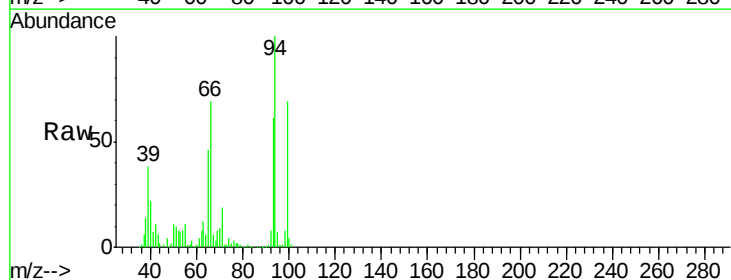
Tgt Ion: 94 Resp: 748415

Ion Ratio Lower Upper

94 100

65 46.3 12.9 52.9

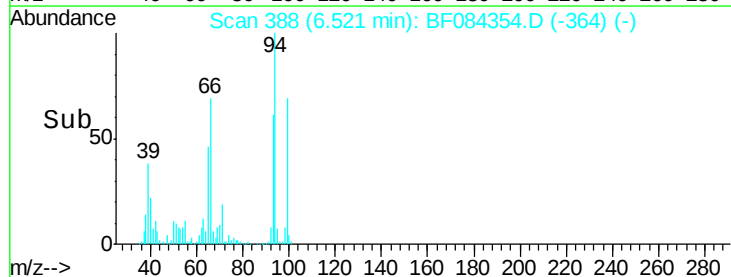
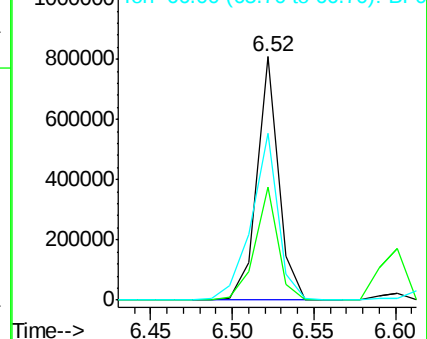
66 68.7 32.7 72.7



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

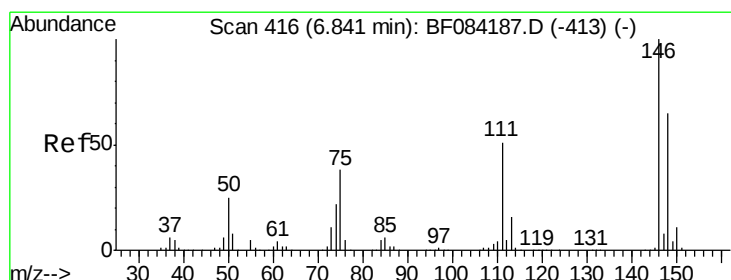
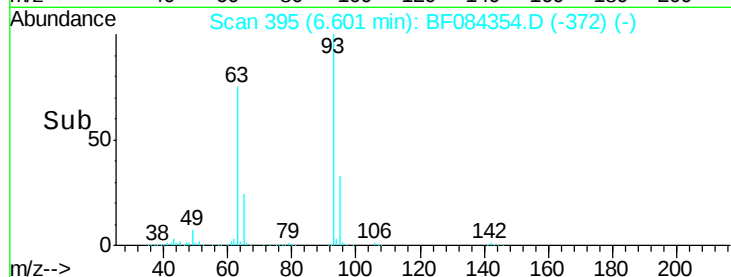
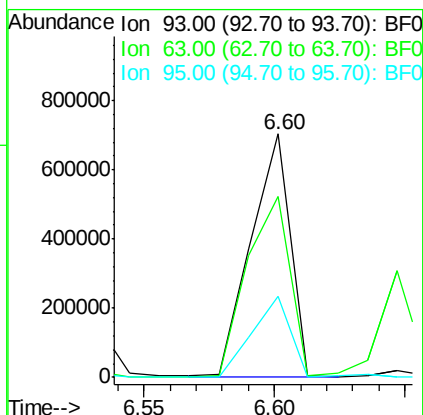
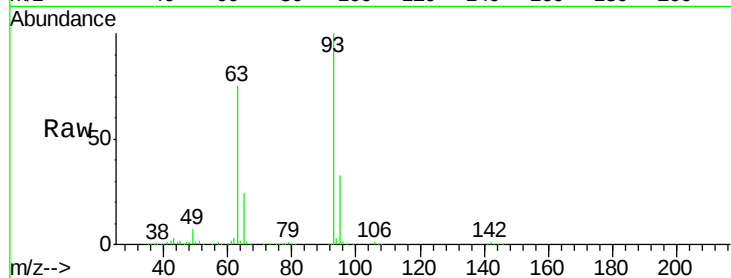




#11
bis(2-Chloroethyl)ether
Concen: 44.71 ng
RT: 6.60 min Scan# 395
Delta R.T. -0.03 min
Lab File: BF084354.D
Acq: 10 Jan 2016 10:13

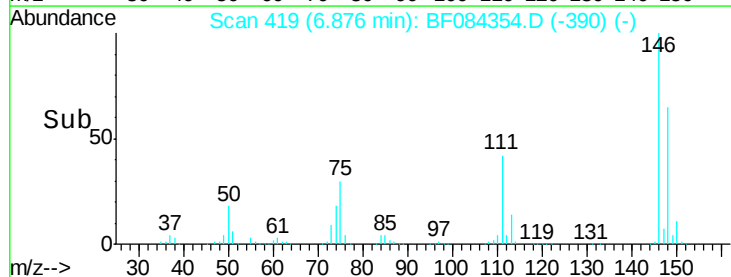
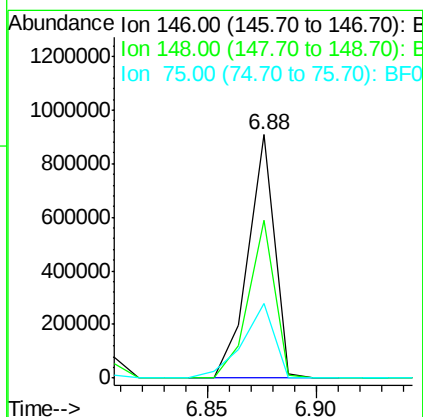
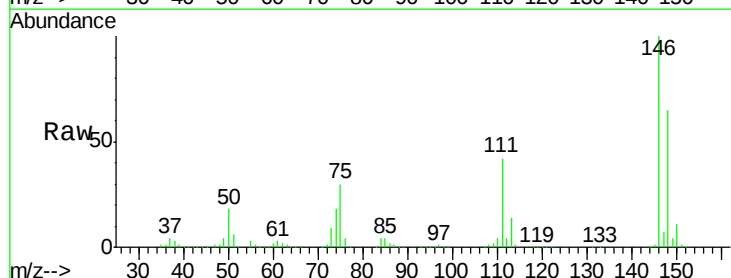
Instrument :
BNA_F
ClientSampled :

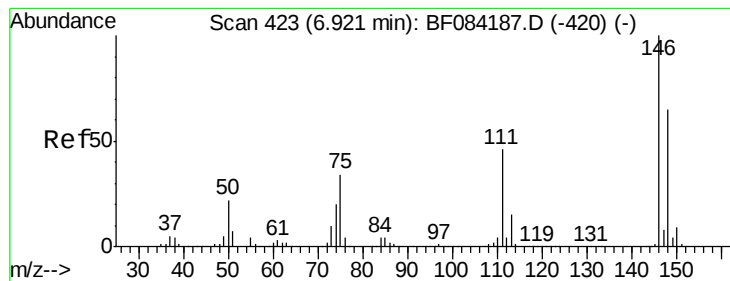
Tot Ion: 93 Resp: 743818
Ion Ratio Lower Upper
93 100
63 74.5 45.9 85.9
95 33.4 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 43.58 ng
RT: 6.88 min Scan# 419
Delta R.T. 0.03 min
Lab File: BF084354.D
Acq: 10 Jan 2016 10:13

Tgt Ion: 146 Resp: 767022
Ion Ratio Lower Upper
146 100
148 64.7 51.9 77.9
75 30.5 20.5 30.7





#13

1,4-Dichlorobenzene

Concen: 43.46 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.05 min

Lab File: BF084354.D

Acq: 10 Jan 2016 10:13

Instrument :

BNA_F

ClientSampleId :

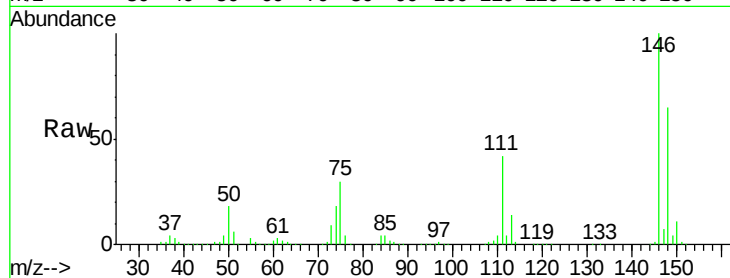
Tot Ion:146 Resp: 767022

Ion Ratio Lower Upper

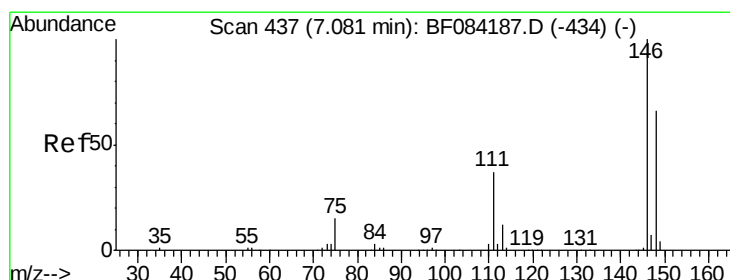
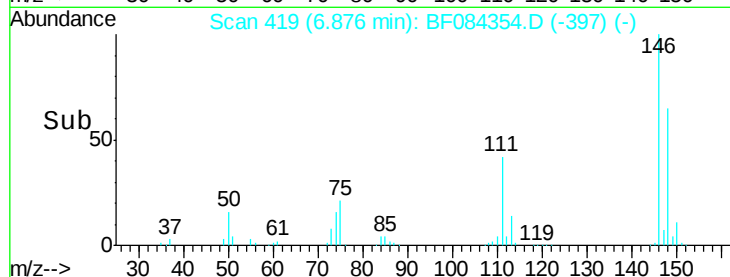
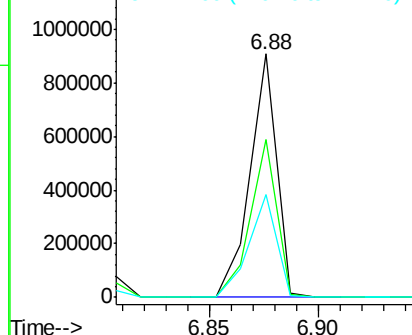
146 100

148 64.7 51.9 77.9

111 42.5 41.6 62.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.46 ng

RT: 7.02 min Scan# 432

Delta R.T. -0.06 min

Lab File: BF084354.D

Acq: 10 Jan 2016 10:13

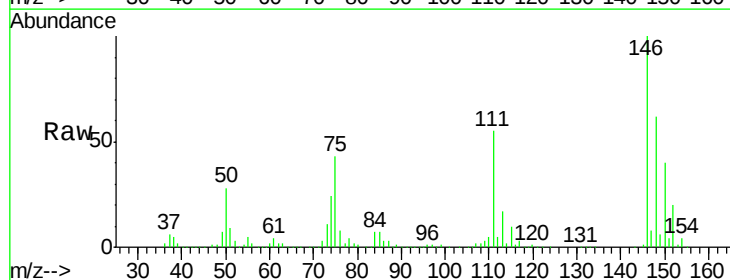
Tgt Ion:146 Resp: 633130

Ion Ratio Lower Upper

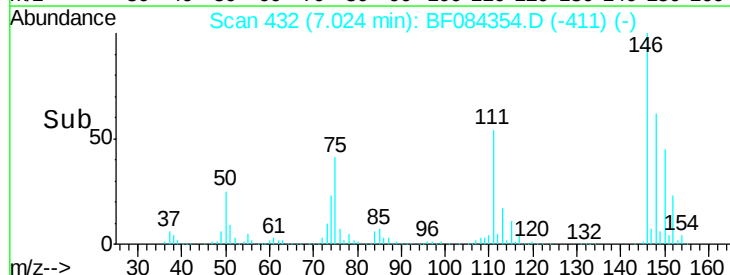
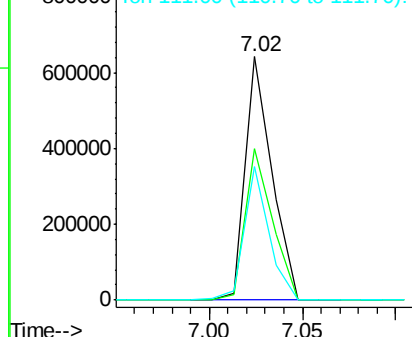
146 100

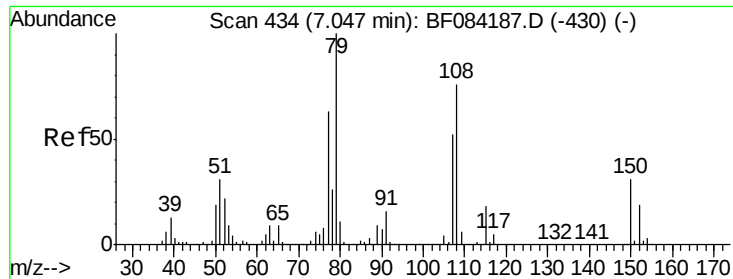
148 62.3 51.6 77.4

111 54.8 38.0 57.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

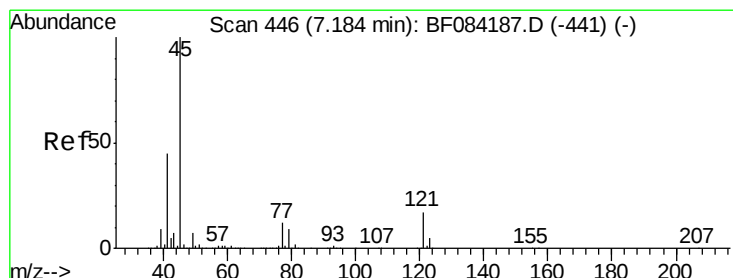
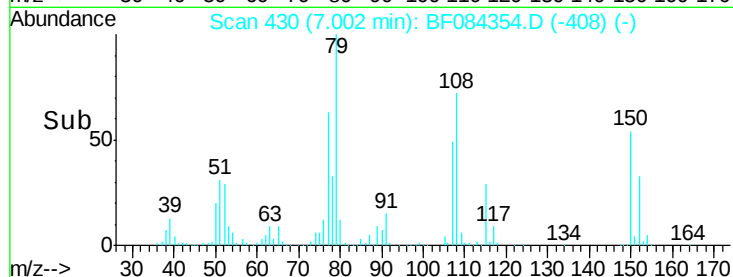
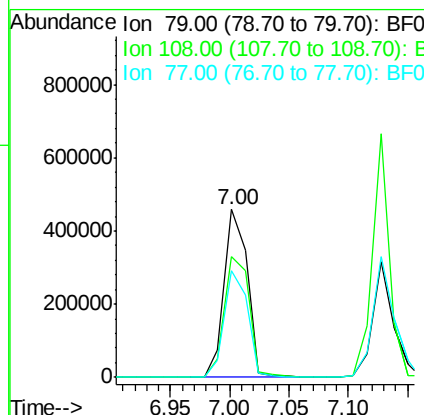
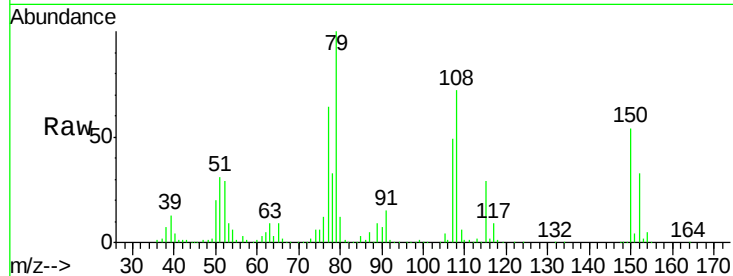




#15
Benzyl Alcohol
Concen: 39.19 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.05 min
Lab File: BF084354.D
Acq: 10 Jan 2016 10:13

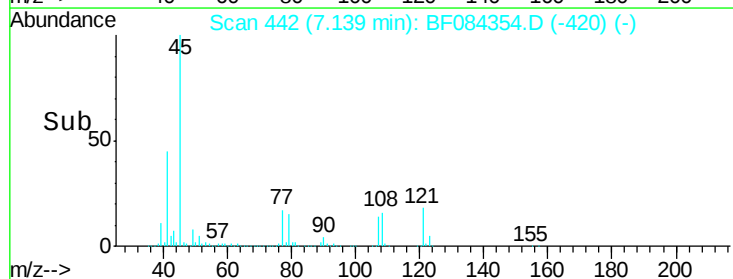
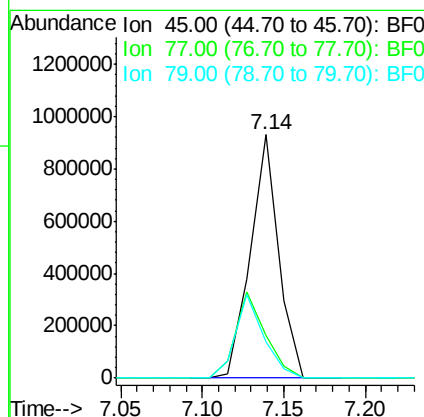
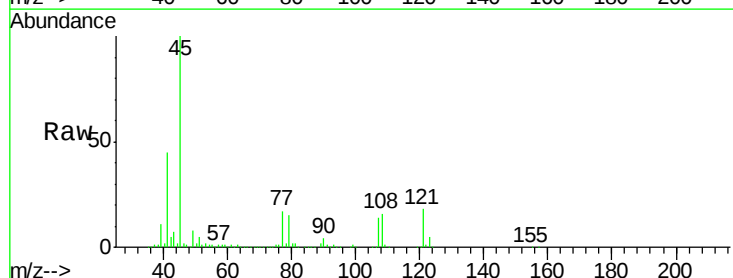
Instrument :
BNA_F
ClientSampled :

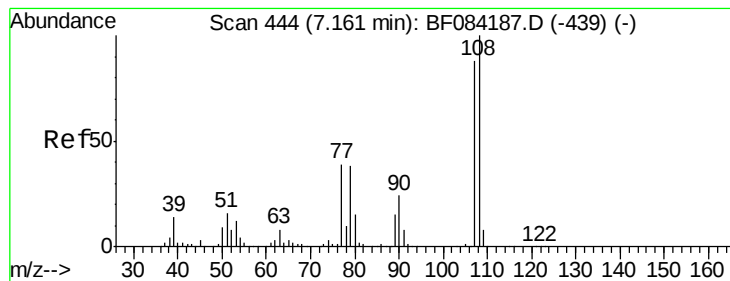
Tot Ion: 79 Resp: 622615
Ion Ratio Lower Upper
79 100
108 71.7 69.0 103.4
77 63.6 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.69 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.05 min
Lab File: BF084354.D
Acq: 10 Jan 2016 10:13

Tgt Ion: 45 Resp: 1111446
Ion Ratio Lower Upper
45 100
77 17.3 0.0 39.6
79 14.8 0.0 35.0

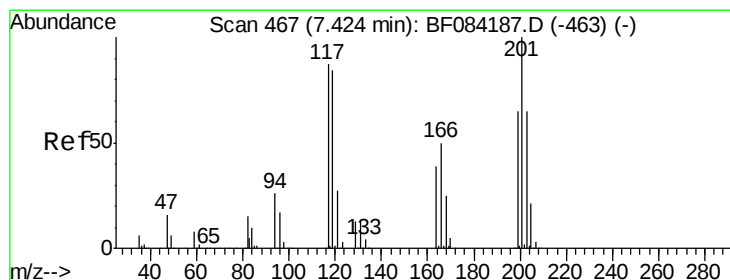
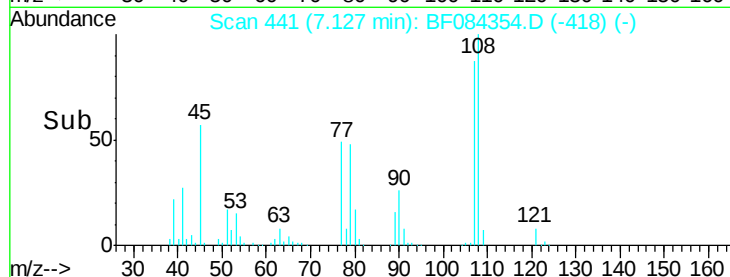
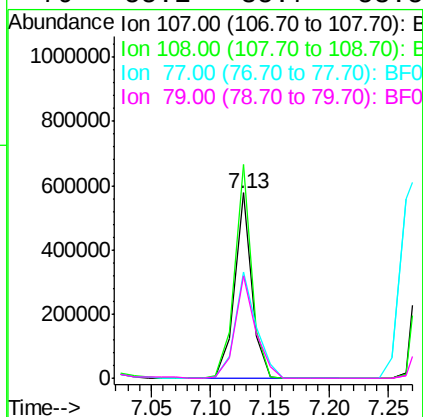
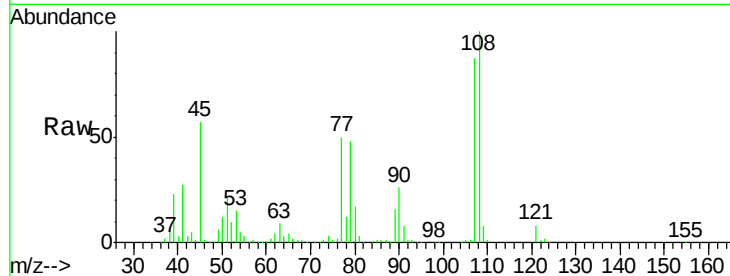




#17
2-Methylphenol
Concen: 40.28 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.03 min
Lab File: BF084354.D
Acq: 10 Jan 2016 10:13

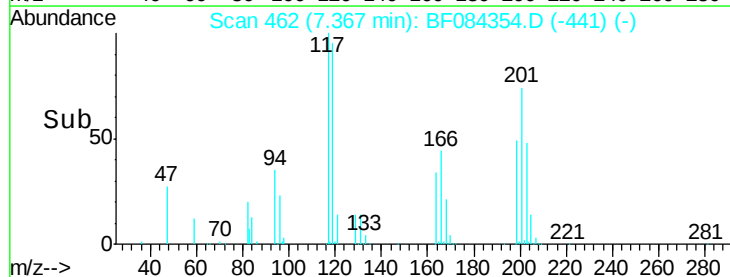
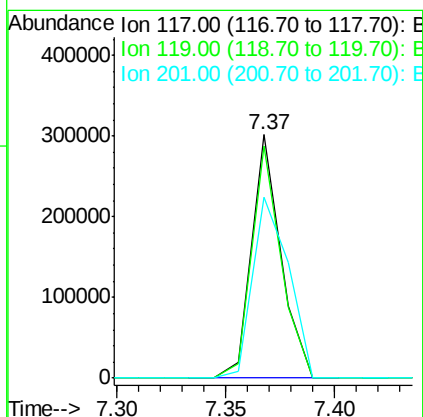
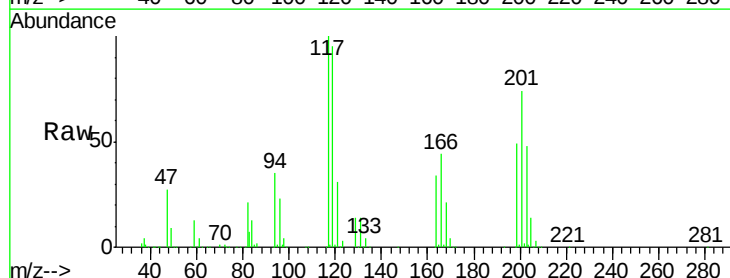
Instrument :
BNA_F
ClientSampleId :

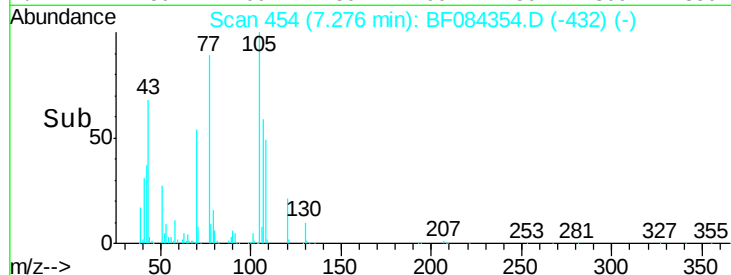
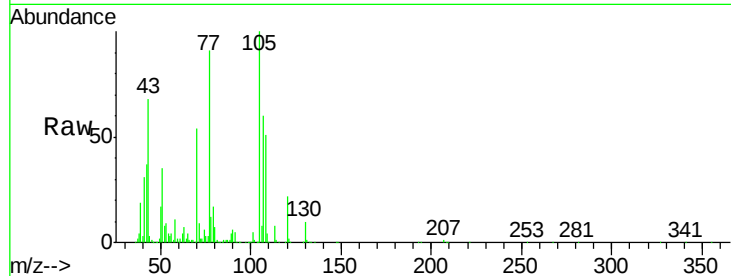
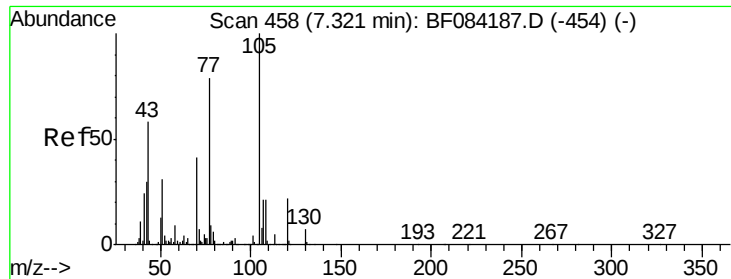
Tot Ion	Ratio	Lower	Upper
107	100		
108	115.4	89.8	134.6
77	57.3	35.7	53.5#
79	55.1	35.7	53.5#



#18
Hexachloroethane
Concen: 39.80 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.06 min
Lab File: BF084354.D
Acq: 10 Jan 2016 10:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	77.4	116.0
201	74.3	68.6	103.0

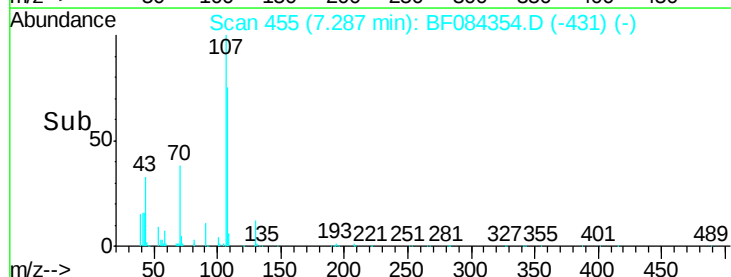
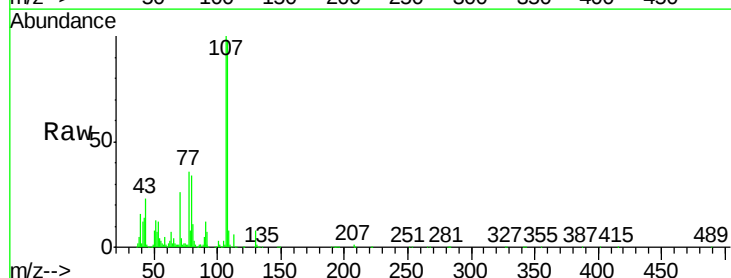
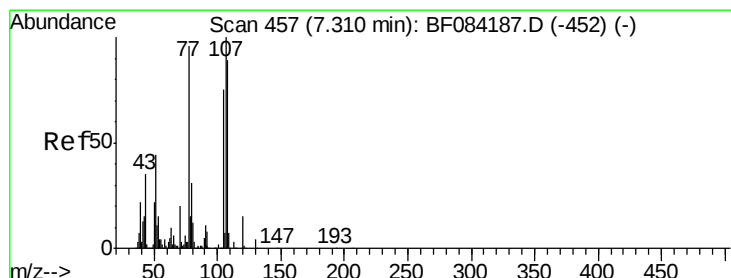
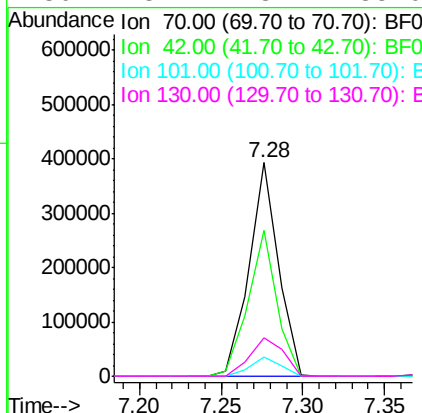




#19
n-Nitroso-di-n-propylamine
Concen: 38.25 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.05 min
Lab File: BF084354.D
Acq: 10 Jan 2016 10:13

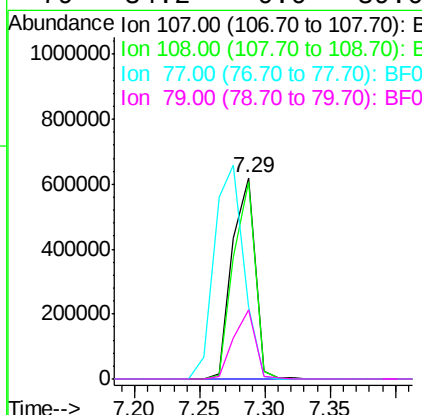
Instrument :
BNA_F
ClientSampleId :

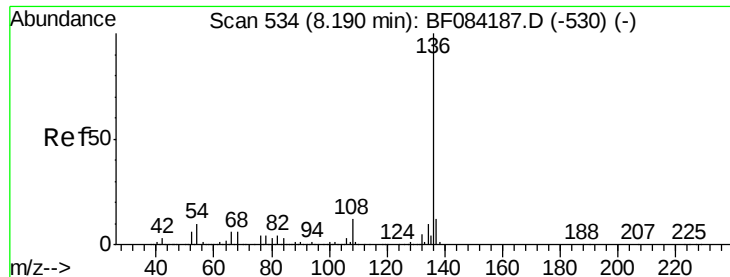
Tot Ion	Ratio	Lower	Upper
70	100		
42	68.2	33.3	49.9#
101	9.0	9.3	13.9#
130	18.1	23.4	35.0#



#20
3+4-Methylphenols
Concen: 44.94 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF084354.D
Acq: 10 Jan 2016 10:13

Tgt Ion	Ratio	Lower	Upper
107	100		
108	98.1	74.6	114.6
77	35.6	0.7	40.7
79	34.2	0.0	39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.05 min

Lab File: BF084354.D

Acq: 10 Jan 2016 10:13

Instrument :

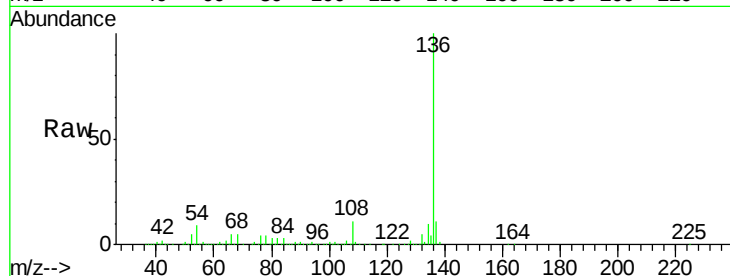
BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1033728

Ion Ratio Lower Upper

136	100		
137	11.1	8.7	13.1
54	8.8	5.8	8.8#
68	5.1	4.2	6.2

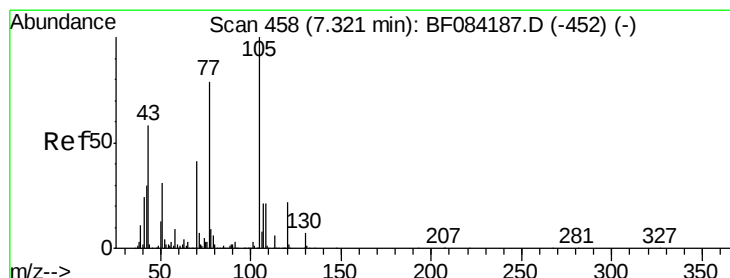
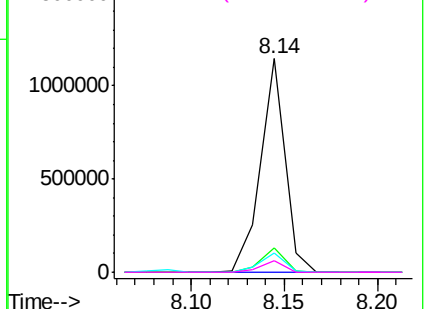
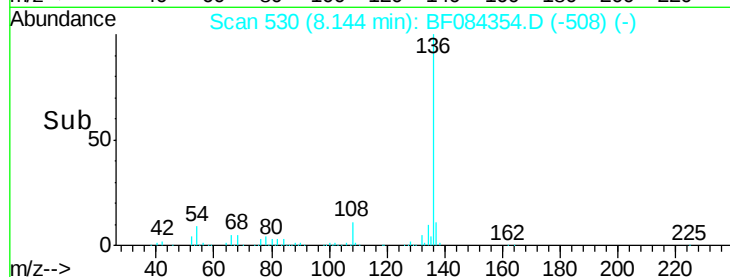


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.49 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.05 min

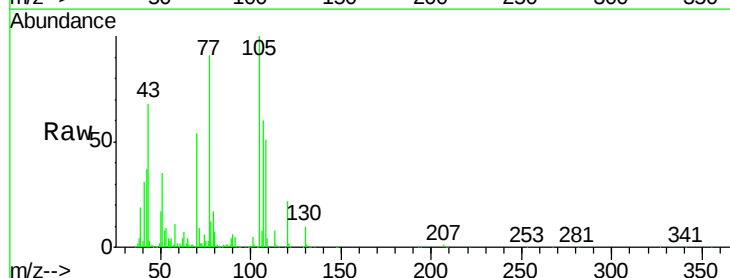
Lab File: BF084354.D

Acq: 10 Jan 2016 10:13

Tgt Ion:105 Resp: 1031388

Ion Ratio Lower Upper

105	100		
71	8.8	3.7	5.5#
51	35.5	25.1	37.7
120	21.6	16.6	25.0

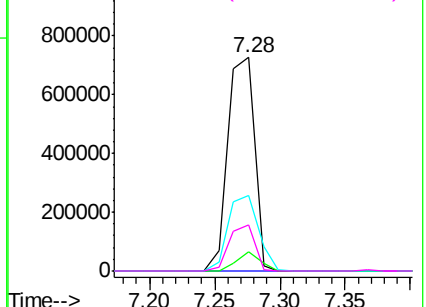
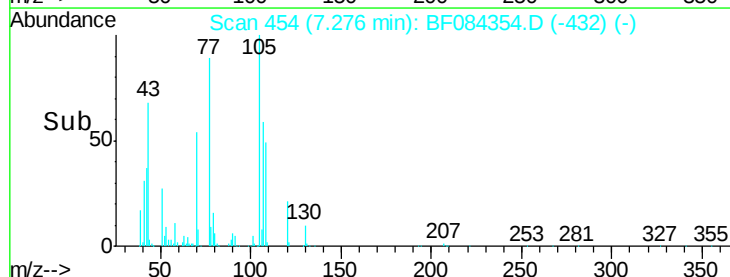


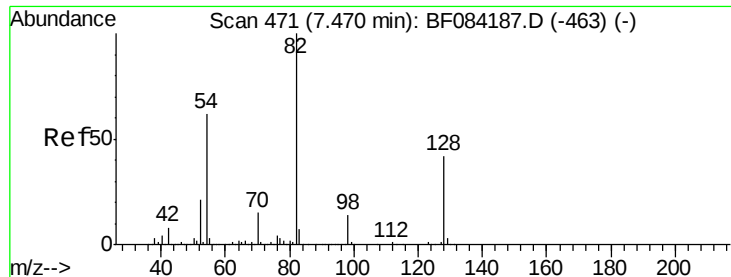
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

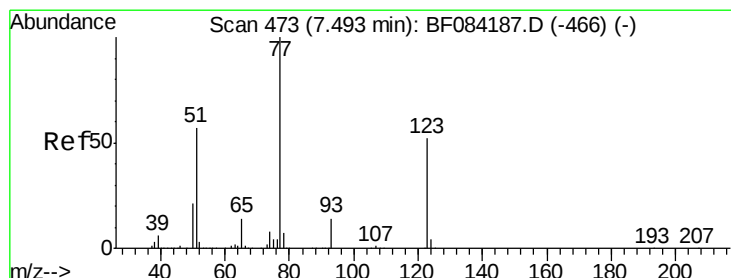
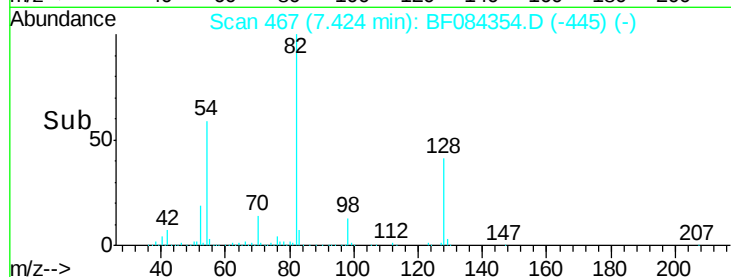
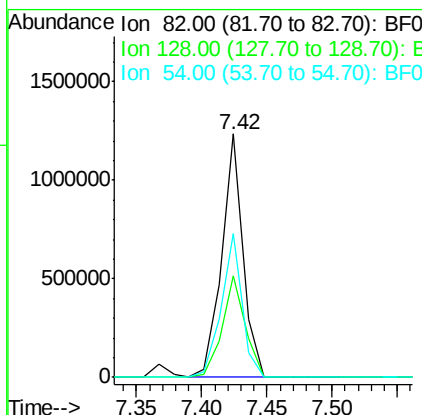
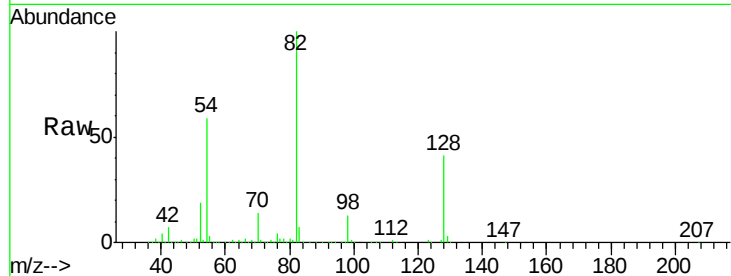




#23
 Nitrobenzene-d5
 Concen: 75.53 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.05 min
 Lab File: BF084354.D
 Acq: 10 Jan 2016 10:13

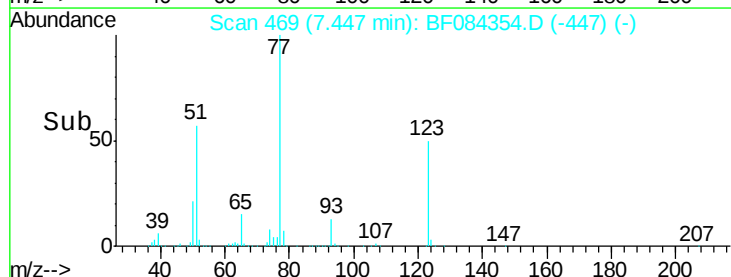
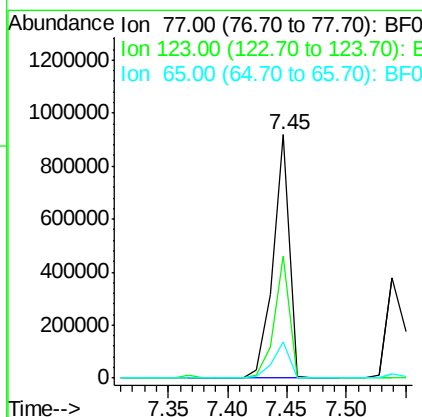
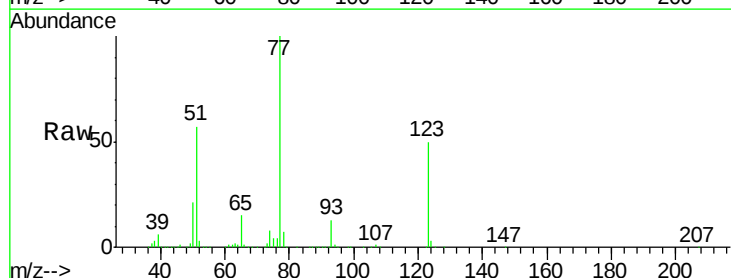
Instrument :
 BNA_F
 ClientSampleId :

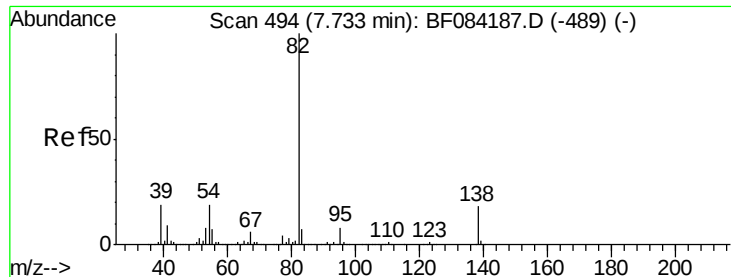
Tot Ion: 82 Resp: 1402918
 Ion Ratio Lower Upper
 82 100
 128 41.5 34.6 51.8
 54 59.3 38.4 57.6#



#24
 Nitrobenzene
 Concen: 46.25 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.05 min
 Lab File: BF084354.D
 Acq: 10 Jan 2016 10:13

Tgt Ion: 77 Resp: 871371
 Ion Ratio Lower Upper
 77 100
 123 50.1 37.4 56.2
 65 14.7 10.9 16.3





#25

Isophorone

Concen: 40.92 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.05 min

Lab File: BF084354.D

Acq: 10 Jan 2016 10:13

Instrument :

BNA_F

ClientSampleId :

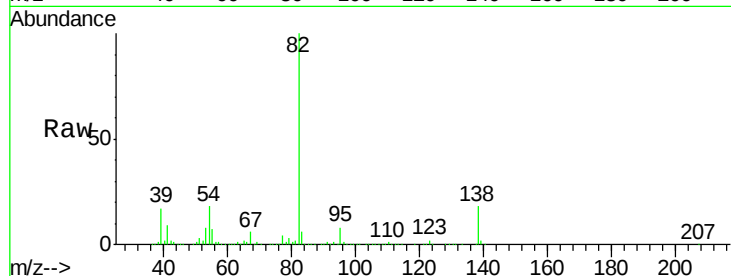
Tot Ion: 82 Resp: 1453466

Ion Ratio Lower Upper

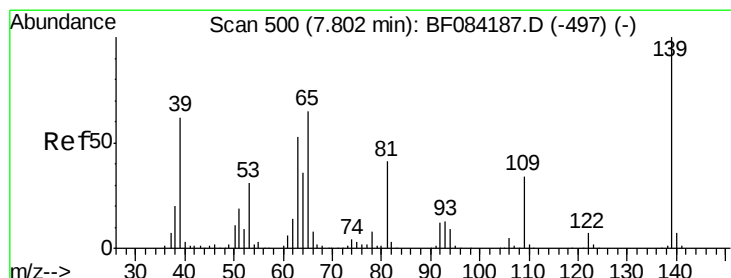
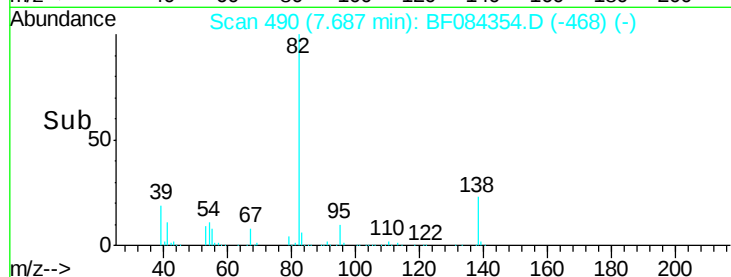
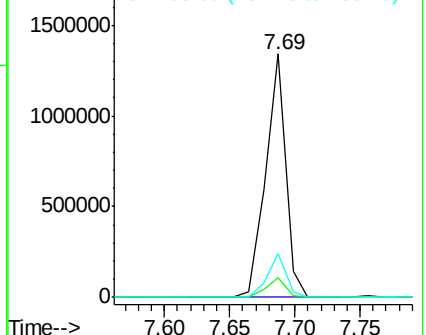
82 100

95 7.9 6.6 10.0

138 17.9 13.6 20.4



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: 42.97 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.05 min

Lab File: BF084354.D

Acq: 10 Jan 2016 10:13

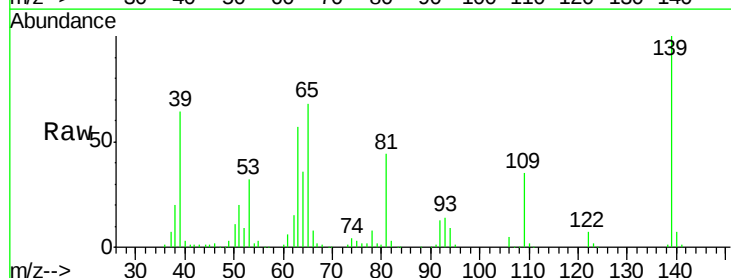
Tgt Ion: 139 Resp: 368426

Ion Ratio Lower Upper

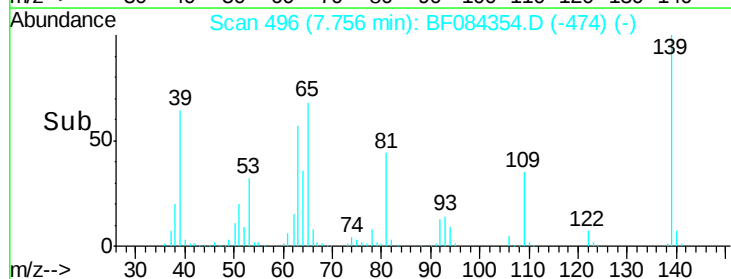
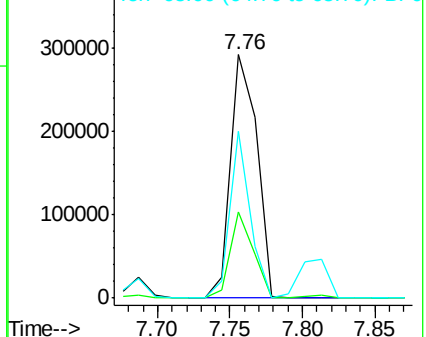
139 100

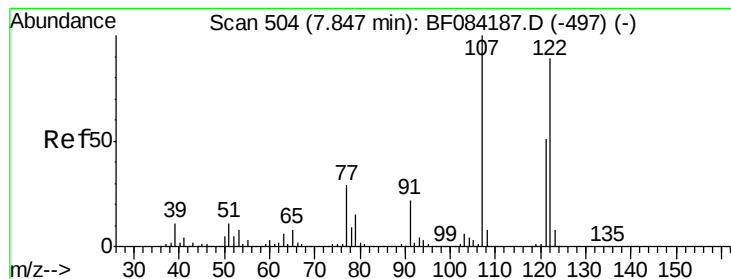
109 35.2 25.4 38.2

65 68.5 32.3 48.5#



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





#27

2,4-Dimethylphenol

Concen: 38.59 ng

RT: 7.81 min Scan# 501

Delta R.T. -0.03 min

Lab File: BF084354.D

Acq: 10 Jan 2016 10:13

Instrument :

BNA_F

ClientSampleId :

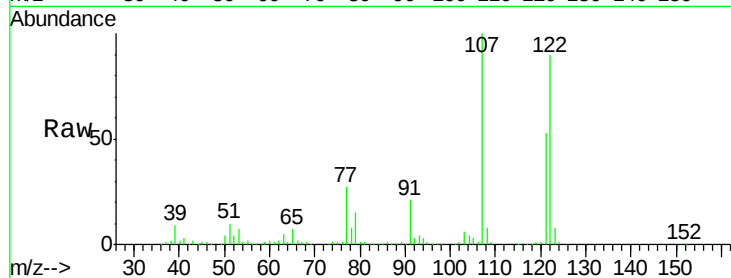
Tot Ion:122 Resp: 669724

Ion Ratio Lower Upper

122 100

107 110.6 99.1 148.7

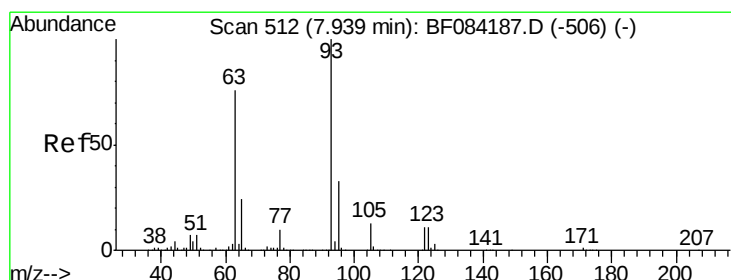
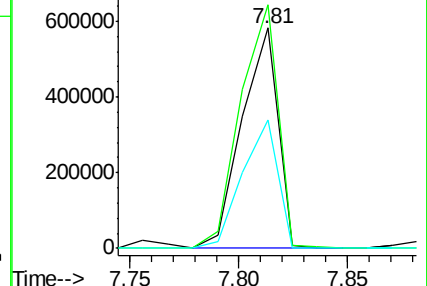
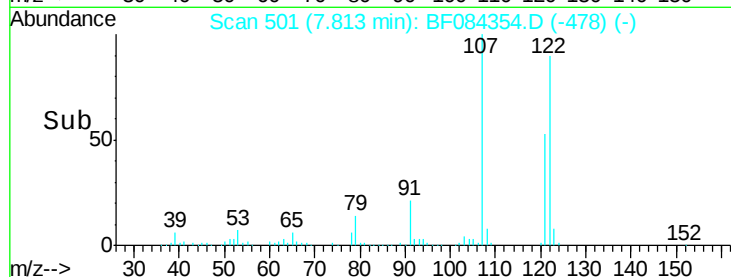
121 58.2 47.9 71.9



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: 38.79 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.05 min

Lab File: BF084354.D

Acq: 10 Jan 2016 10:13

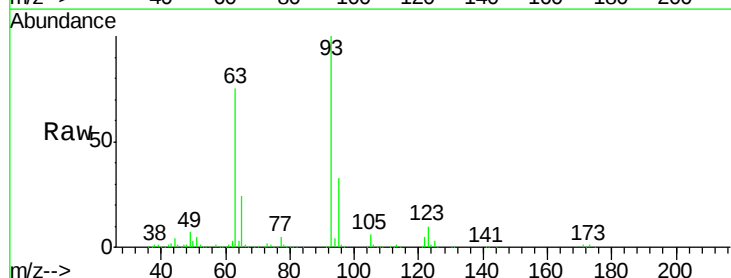
Tgt Ion: 93 Resp: 841732

Ion Ratio Lower Upper

93 100

95 32.9 25.8 38.6

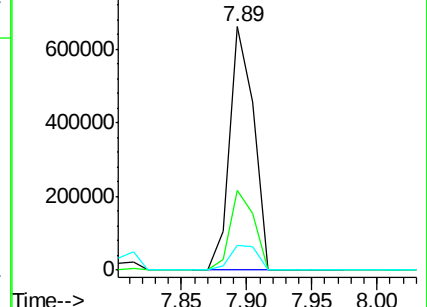
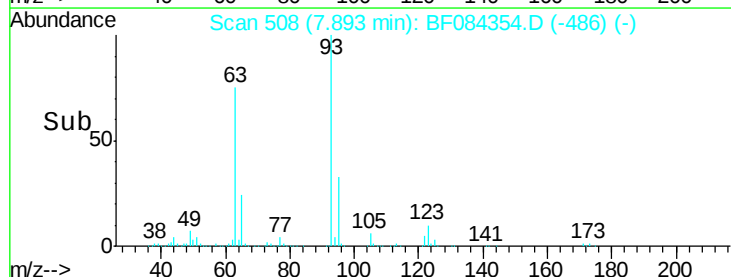
123 10.0 8.6 12.8



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: 39.62 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.03 min

Lab File: BF084354.D

Acq: 10 Jan 2016 10:13

Instrument :

BNA_F

ClientSampleId :

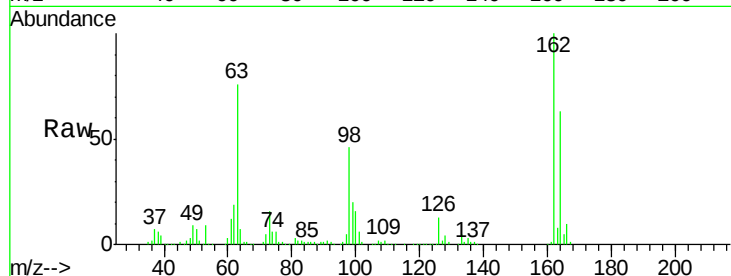
Tot Ion:162 Resp: 572685

Ion Ratio Lower Upper

162 100

164 63.1 44.1 84.1

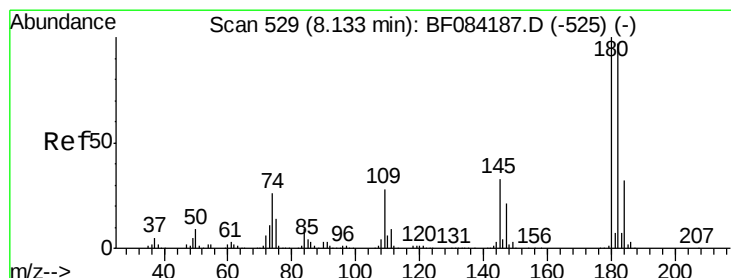
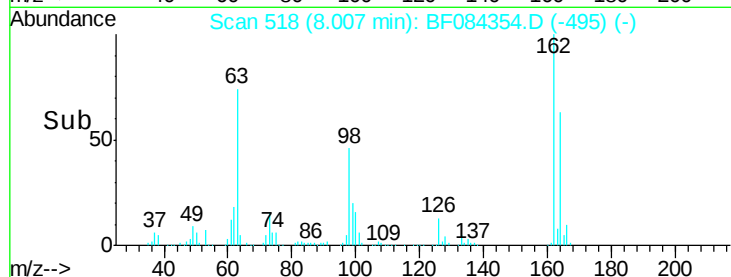
98 46.1 20.2 60.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): E



#30

1,2,4-Trichlorobenzene

Concen: 43.61 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.05 min

Lab File: BF084354.D

Acq: 10 Jan 2016 10:13

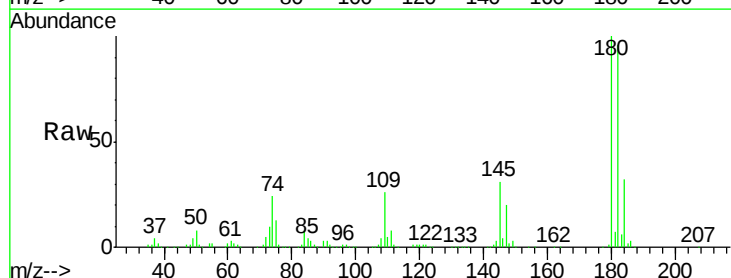
Tgt Ion:180 Resp: 650794

Ion Ratio Lower Upper

180 100

182 95.7 76.4 114.6

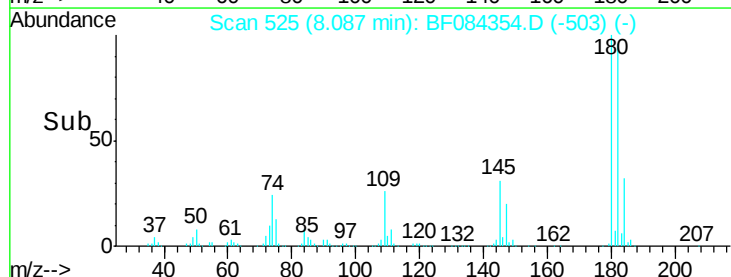
145 30.9 31.6 47.4#

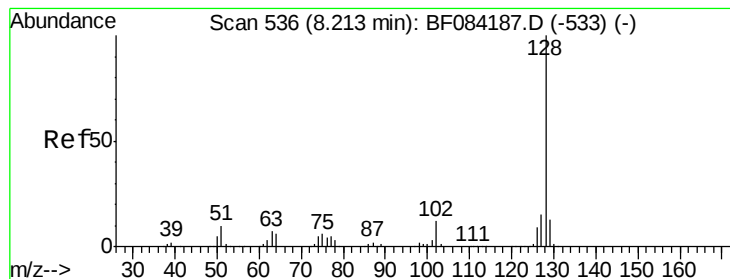


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.07 ng

RT: 8.17 min Scan# 532

Delta R.T. -0.05 min

Lab File: BF084354.D

Acq: 10 Jan 2016 10:13

Instrument :

BNA_F

ClientSampleId :

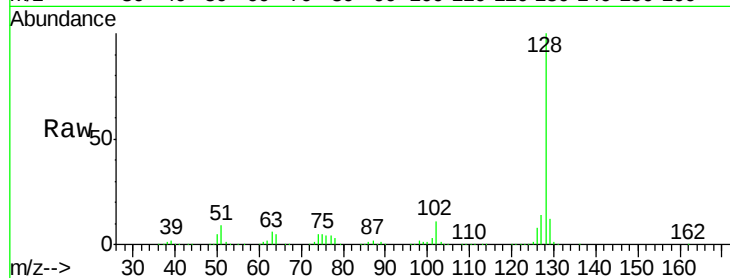
Tot Ion:128 Resp: 2020199

Ion Ratio Lower Upper

128 100

129 12.0 9.1 13.7

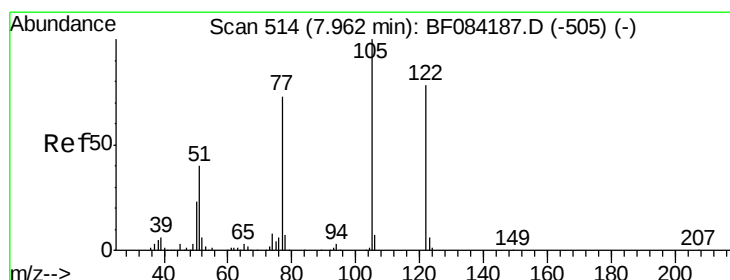
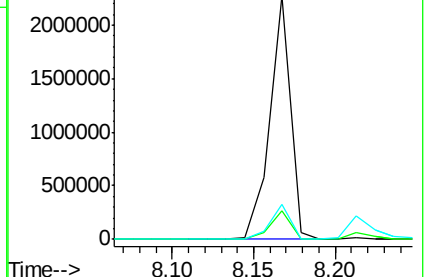
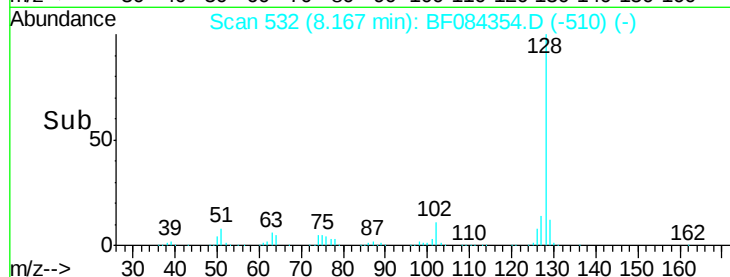
127 14.4 11.1 16.7



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: 14.92 ng

RT: 7.90 min Scan# 509

Delta R.T. -0.06 min

Lab File: BF084354.D

Acq: 10 Jan 2016 10:13

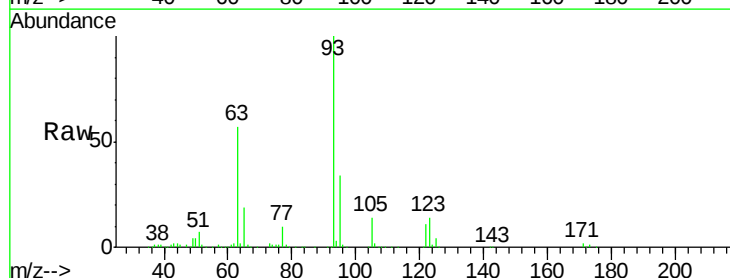
Tgt Ion:122 Resp: 111241

Ion Ratio Lower Upper

122 100

105 130.9 100.3 140.3

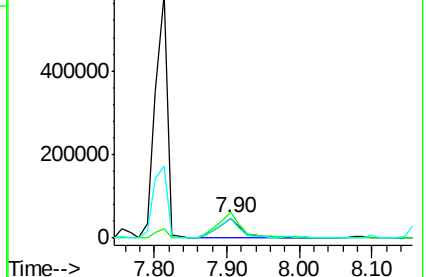
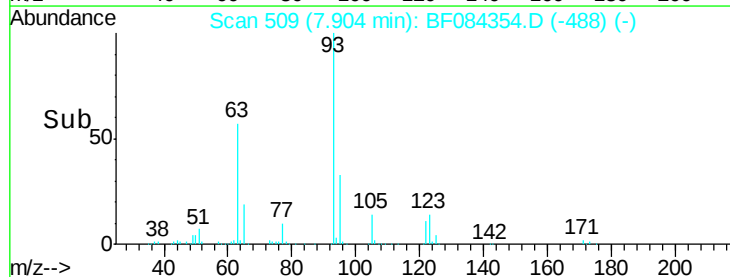
77 99.5 63.5 103.5



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

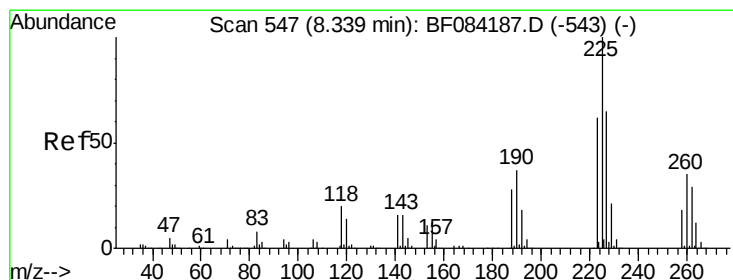
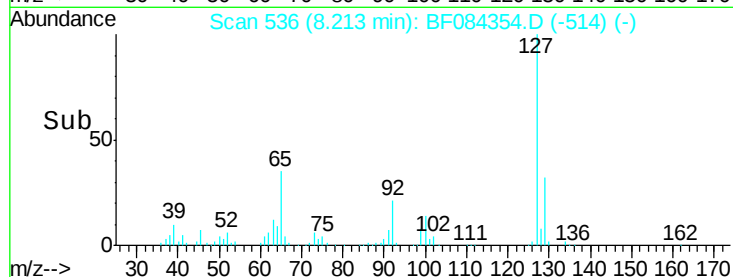
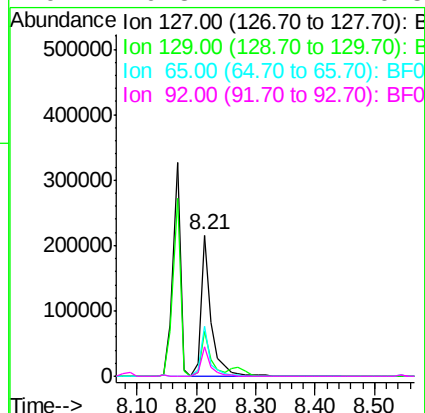
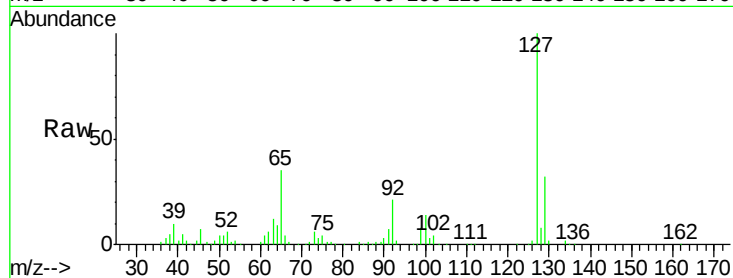




#33
4-Chloroaniline
Concen: 12.21 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.05 min
Lab File: BF084354.D
Acq: 10 Jan 2016 10:13

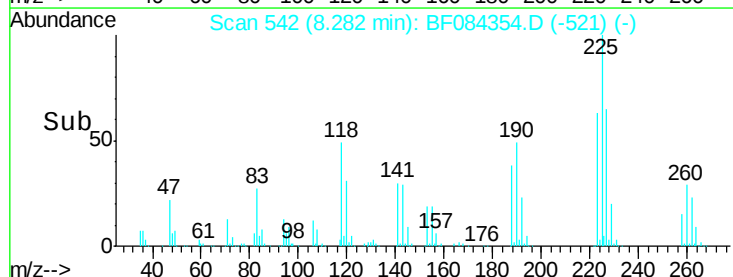
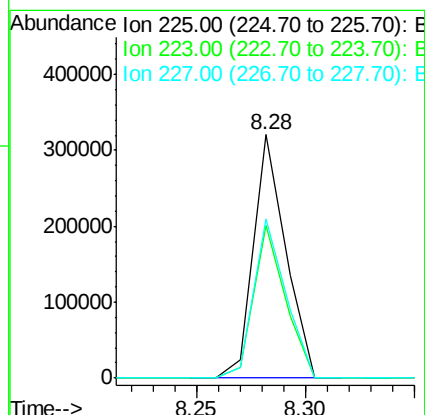
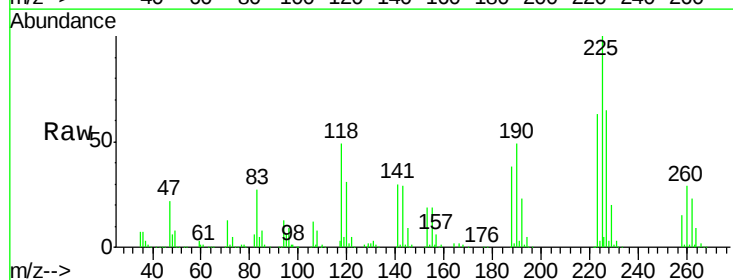
Instrument :
BNA_F
ClientSampled :

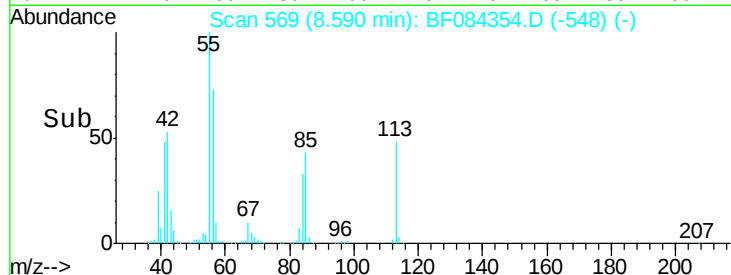
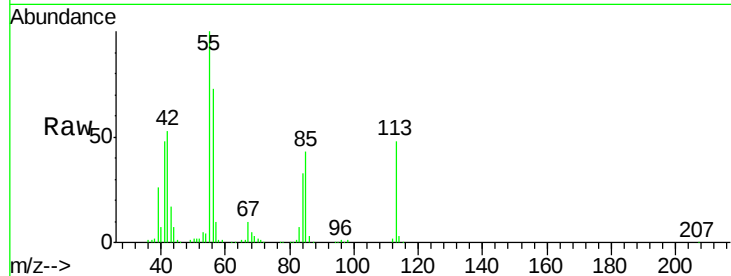
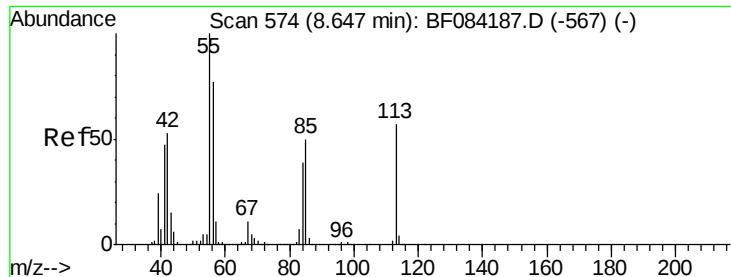
Tot Ion:	127	Resp:	262565
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.5	39.7
65	35.2	27.2	40.8
92	20.8	17.7	26.5



#34
Hexachlorobutadiene
Concen: 38.45 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.06 min
Lab File: BF084354.D
Acq: 10 Jan 2016 10:13

Tgt Ion:	225	Resp:	329875
Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.4	74.0
227	65.1	50.8	76.2

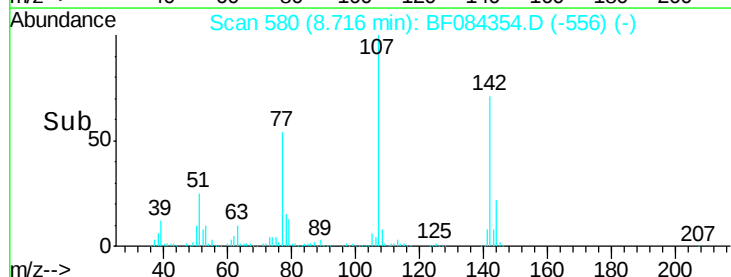
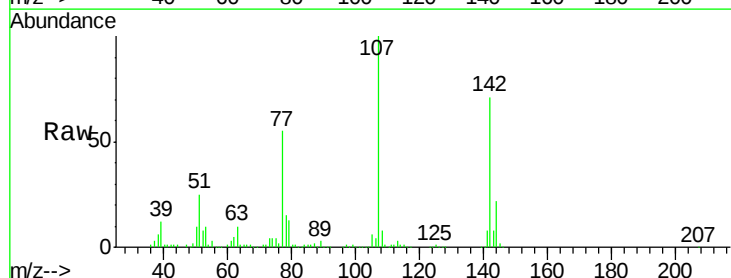
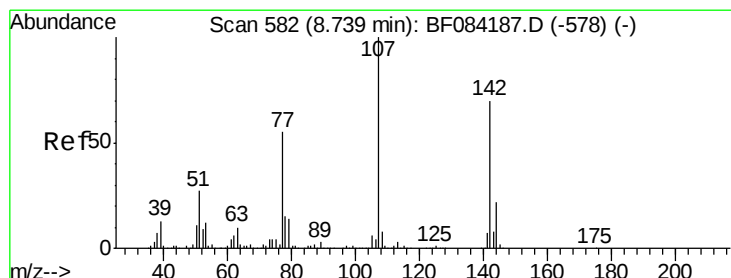
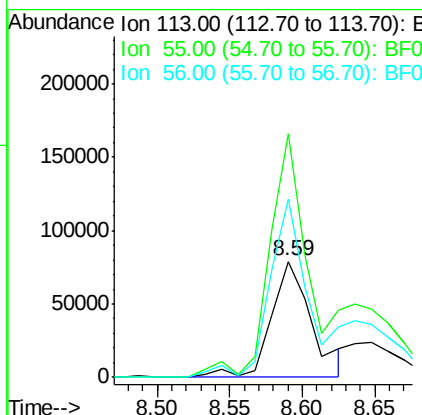




#35
Caprolactam
Concen: 31.21 ng
RT: 8.59 min Scan# 569
Delta R.T. -0.06 min
Lab File: BF084354.D
Acq: 10 Jan 2016 10:13

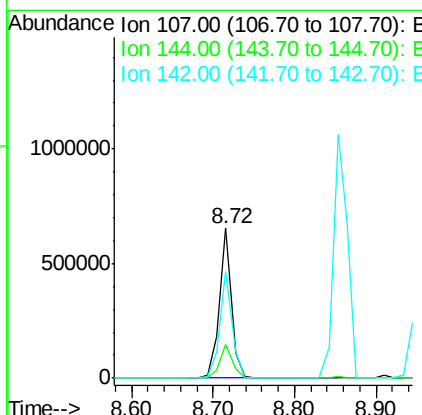
Instrument :
BNA_F
ClientSampleId :

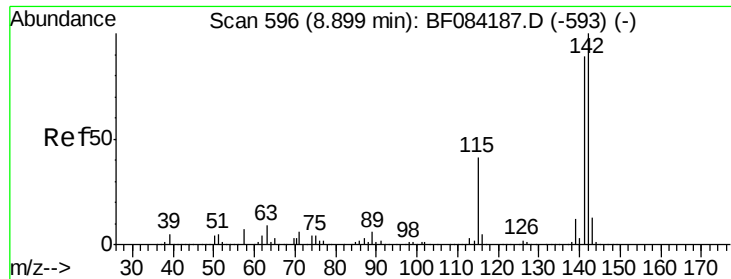
Tot Ion:113 Resp: 152085
Ion Ratio Lower Upper
113 100
55 209.8 116.9 156.9#
56 153.9 93.8 133.8#



#36
4-Chloro-3-methylphenol
Concen: 41.02 ng
RT: 8.72 min Scan# 580
Delta R.T. -0.02 min
Lab File: BF084354.D
Acq: 10 Jan 2016 10:13

Tgt Ion:107 Resp: 664259
Ion Ratio Lower Upper
107 100
144 22.3 19.7 29.5
142 71.2 61.8 92.6

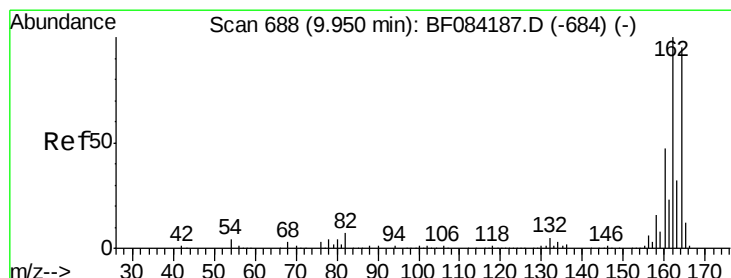
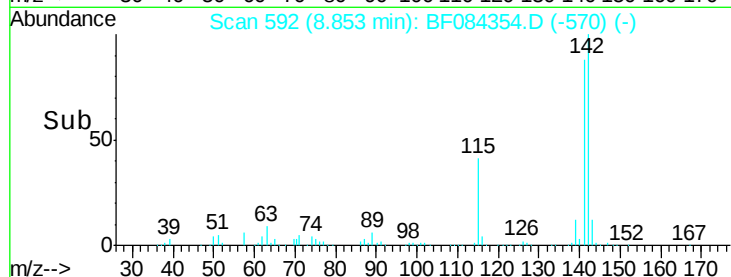
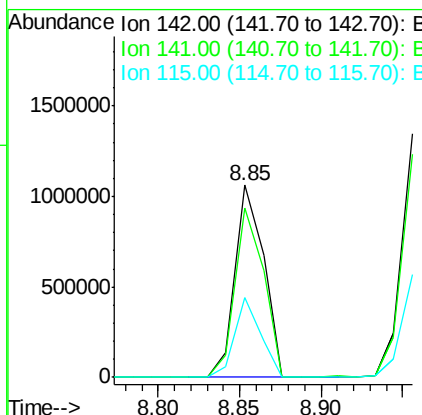
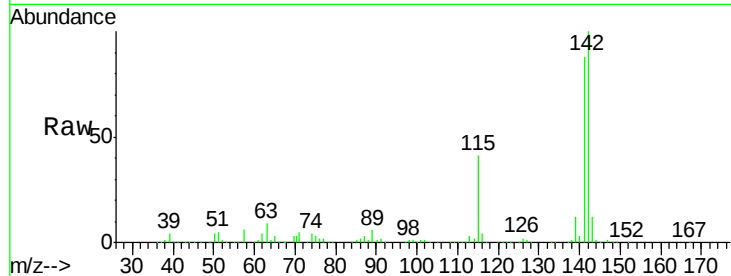




#37
2-Methylnaphthalene
Concen: 38.34 ng
RT: 8.85 min Scan# 592
Delta R.T. -0.05 min
Lab File: BF084354.D
Acq: 10 Jan 2016 10:13

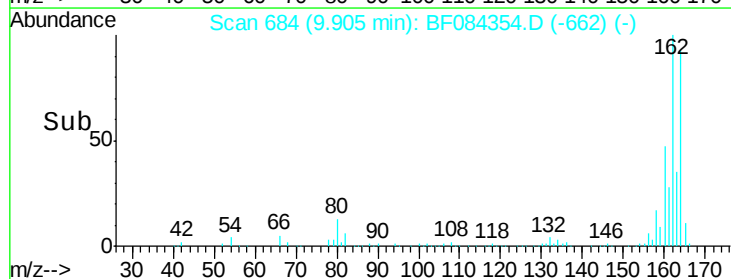
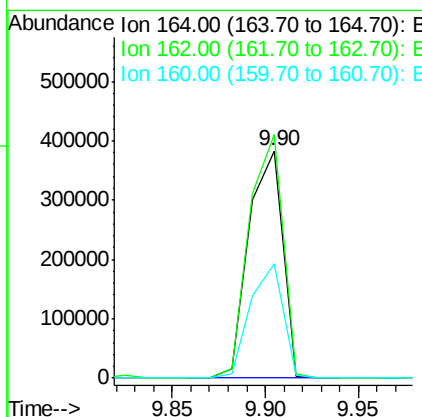
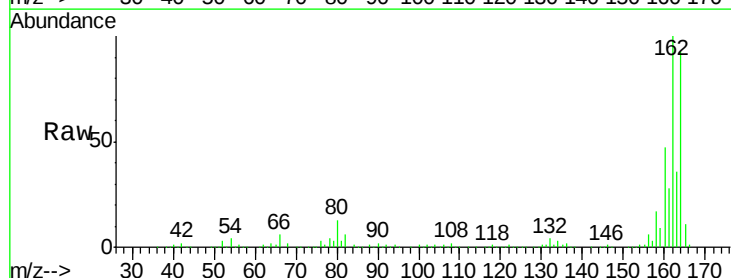
Instrument :
BNA_F
ClientSampleId :

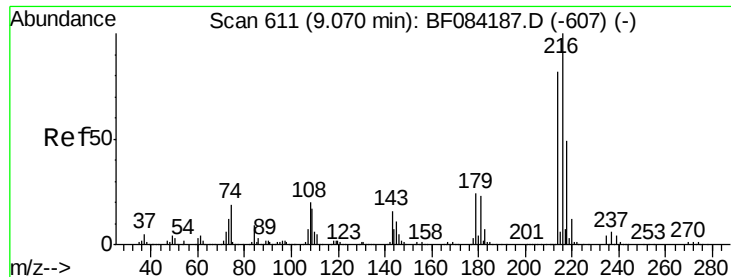
Tot Ion:142 Resp: 1290643
Ion Ratio Lower Upper
142 100
141 88.5 72.4 108.6
115 41.2 27.9 41.9



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.05 min
Lab File: BF084354.D
Acq: 10 Jan 2016 10:13

Tgt Ion:164 Resp: 481994
Ion Ratio Lower Upper
164 100
162 107.2 85.1 127.7
160 50.5 37.5 56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.25 ng

RT: 9.02 min Scan# 607

Delta R.T. -0.05 min

Lab File: BF084354.D

Acq: 10 Jan 2016 10:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 571544

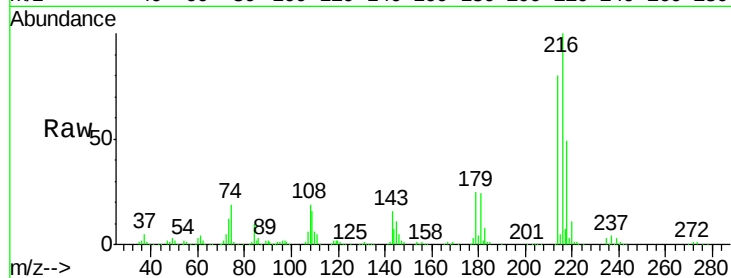
Ion Ratio Lower Upper

216 100

214 80.5 64.2 96.2

179 24.7 18.7 28.1

108 24.2 16.8 25.2

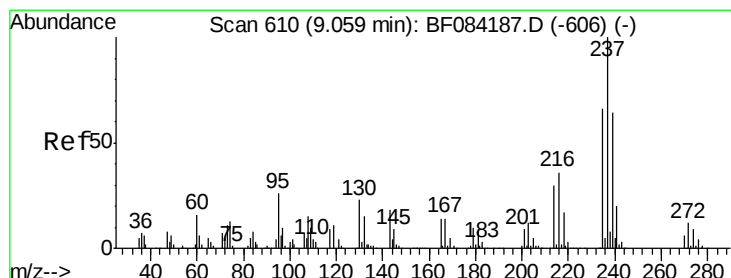
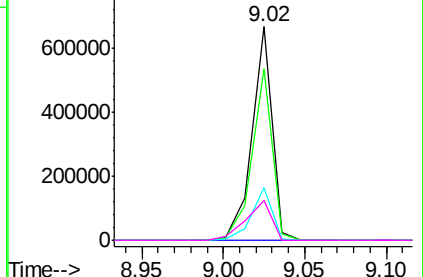
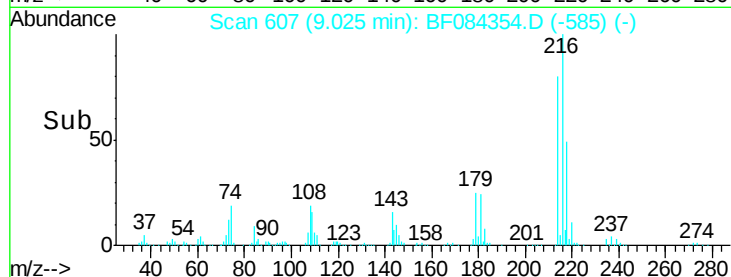


Abundance Ion 216.00 (215.70 to 216.70): E

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: 67.83 ng

RT: 9.01 min Scan# 606

Delta R.T. -0.05 min

Lab File: BF084354.D

Acq: 10 Jan 2016 10:13

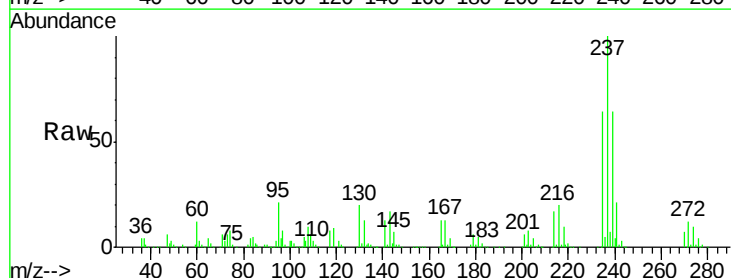
Tgt Ion:237 Resp: 567351

Ion Ratio Lower Upper

237 100

235 64.1 43.1 83.1

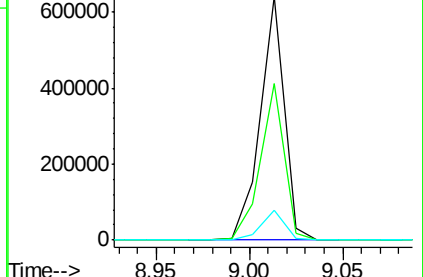
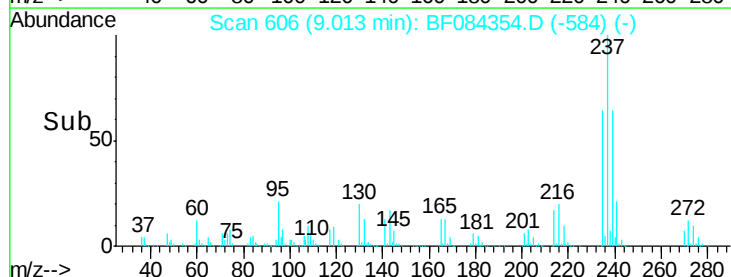
272 12.5 0.0 35.1

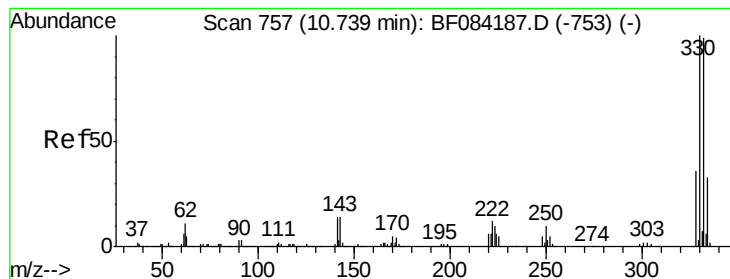


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 115.28 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.05 min

Lab File: BF084354.D

Acq: 10 Jan 2016 10:13

Instrument :

BNA_F

ClientSampleId :

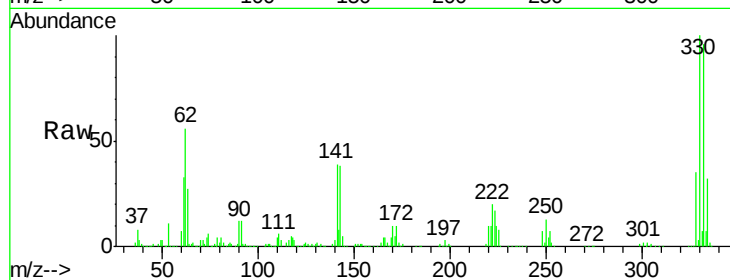
Tot Ion:330 Resp: 560945

Ion Ratio Lower Upper

330 100

332 96.0 76.6 114.8

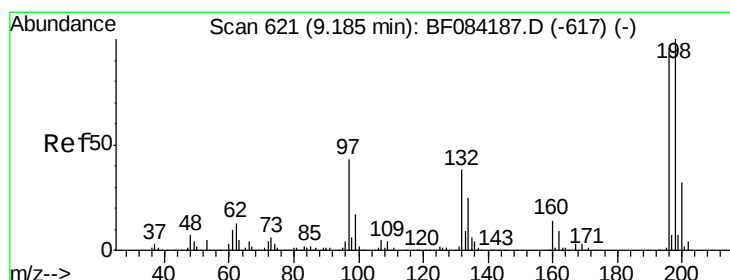
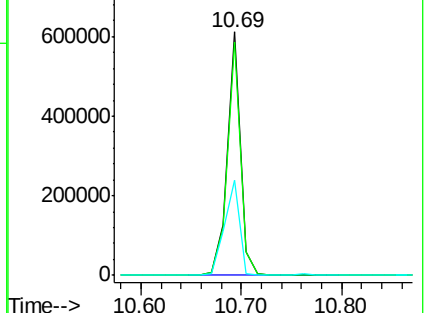
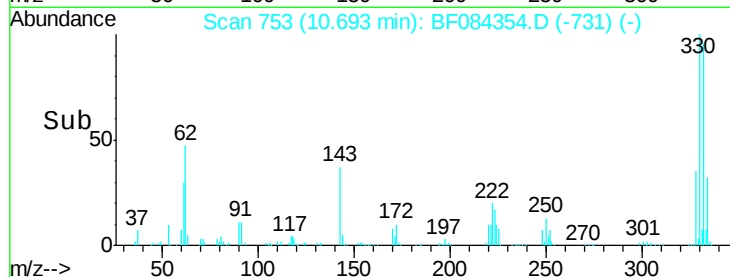
141 44.6 27.8 41.6#



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 37.35 ng

RT: 9.14 min Scan# 617

Delta R.T. -0.05 min

Lab File: BF084354.D

Acq: 10 Jan 2016 10:13

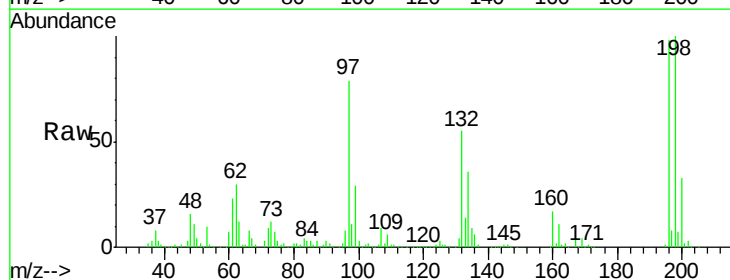
Tgt Ion:196 Resp: 387211

Ion Ratio Lower Upper

196 100

198 102.2 77.7 116.5

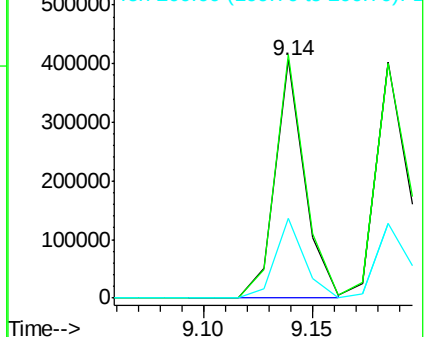
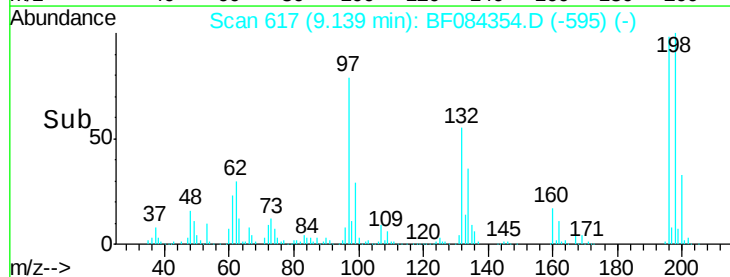
200 33.3 24.6 37.0

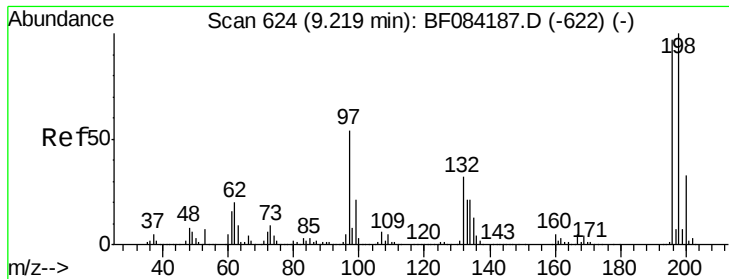


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

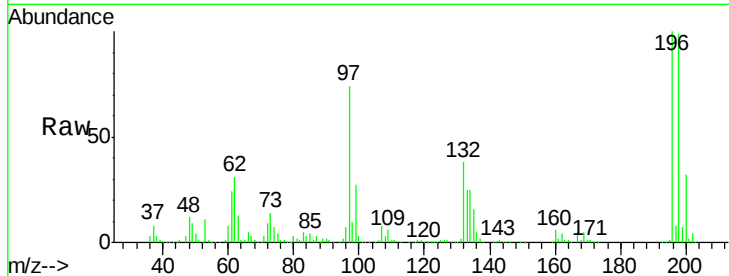




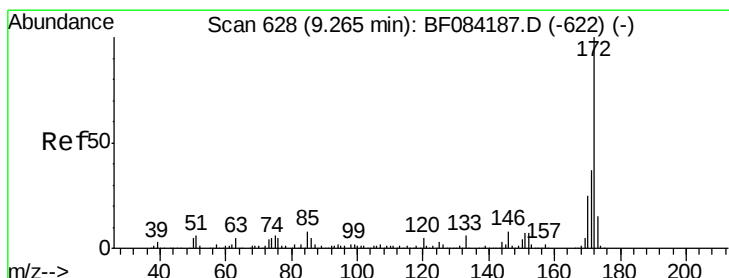
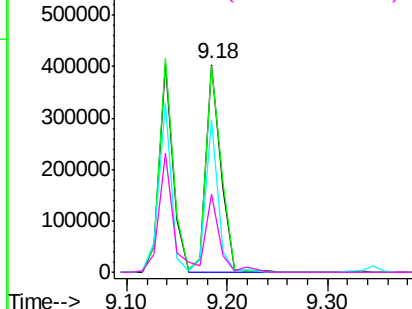
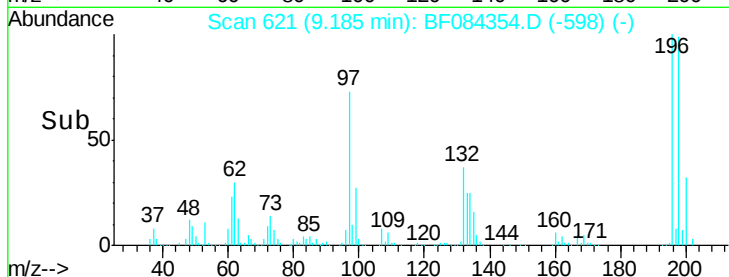
#43
 2,4,5-Trichlorophenol
 Concen: 41.56 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.03 min
 Lab File: BF084354.D
 Acq: 10 Jan 2016 10:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 412980
 Ion Ratio Lower Upper
 196 100
 198 99.1 79.0 118.6
 97 73.6 33.0 49.6#
 132 37.6 21.1 31.7#

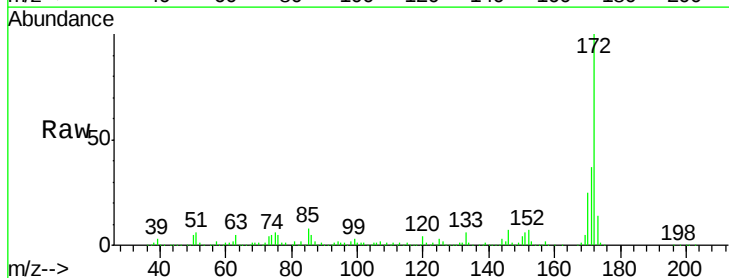


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

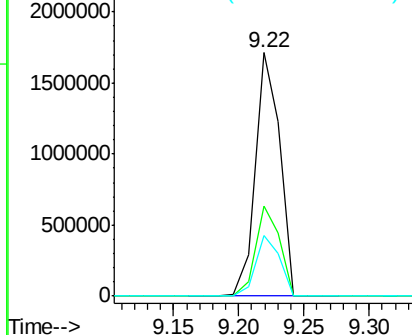
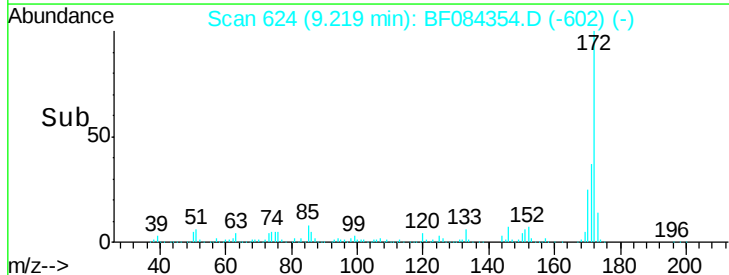


#44
 2-Fluorobiphenyl
 Concen: 81.08 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.05 min
 Lab File: BF084354.D
 Acq: 10 Jan 2016 10:13

Tgt Ion:172 Resp: 2229613
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.9 43.3
 170 24.9 18.6 27.8



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

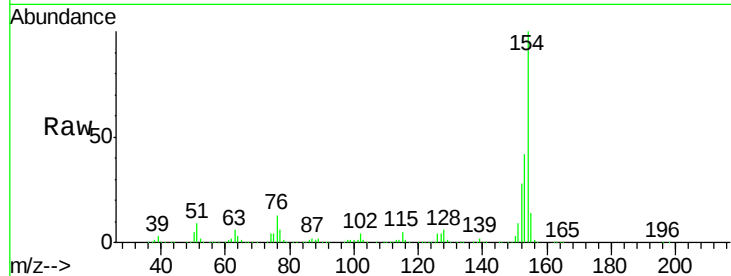




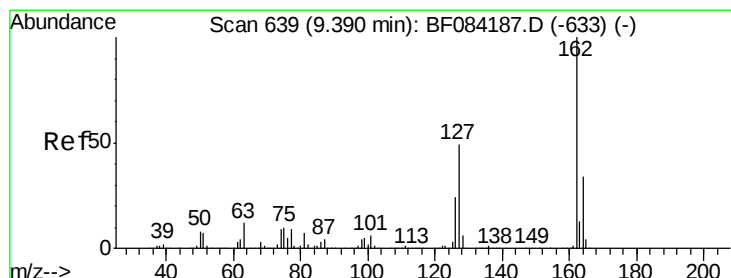
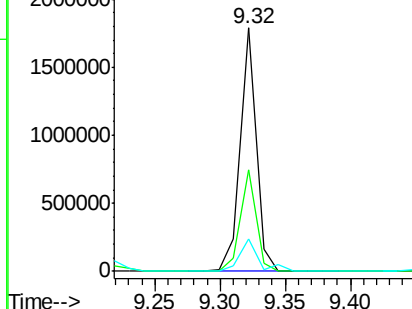
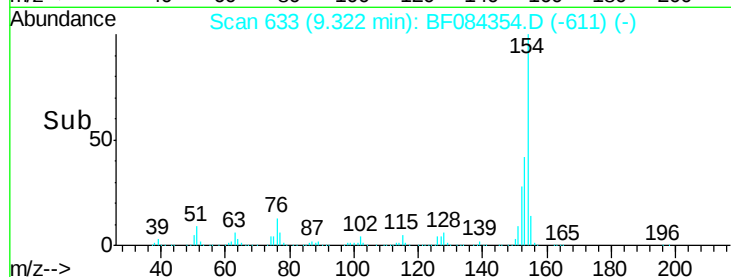
#45
 1,1'-Biphenyl
 Concen: 39.51 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.05 min
 Lab File: BF084354.D
 Acq: 10 Jan 2016 10:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:154 Resp: 1513445
 Ion Ratio Lower Upper
 154 100
 153 41.9 21.6 61.6
 76 13.1 0.0 32.7

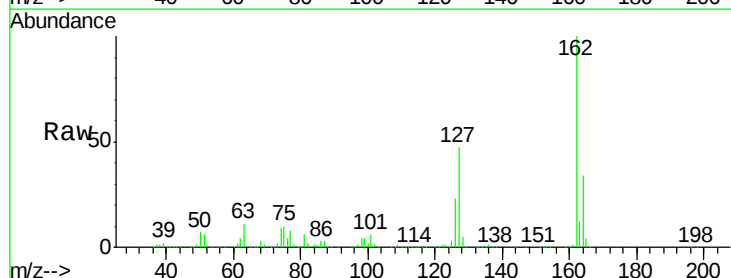


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

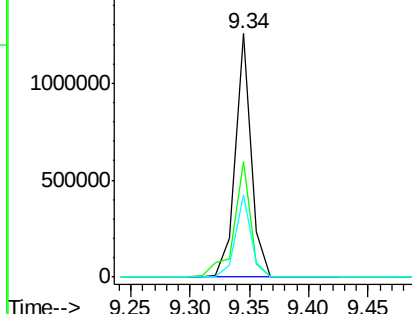
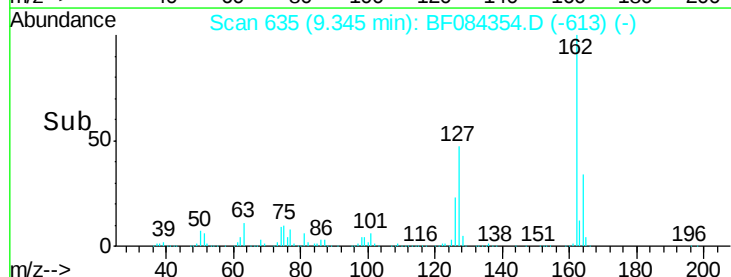


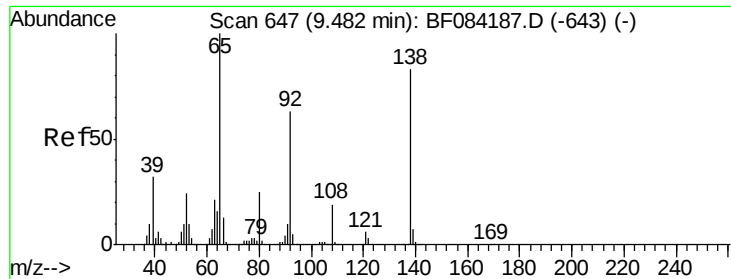
#46
 2-Chloronaphthalene
 Concen: 38.69 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.05 min
 Lab File: BF084354.D
 Acq: 10 Jan 2016 10:13

Tgt Ion:162 Resp: 1164320
 Ion Ratio Lower Upper
 162 100
 127 47.5 40.2 60.4
 164 33.9 25.7 38.5



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





#47

2-Nitroaniline

Concen: 49.99 ng

RT: 9.45 min Scan# 644

Delta R.T. -0.03 min

Lab File: BF084354.D

Acq: 10 Jan 2016 10:13

Instrument :

BNA_F

ClientSampleId :

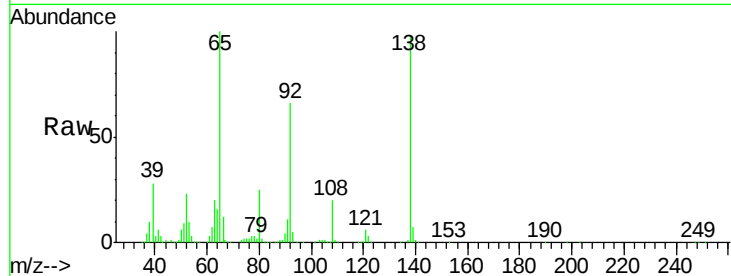
Tot Ion: 65 Resp: 496478

Ion Ratio Lower Upper

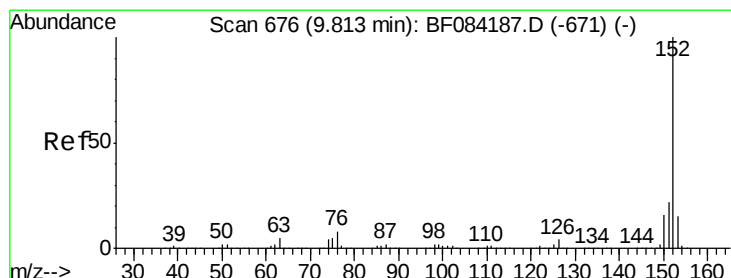
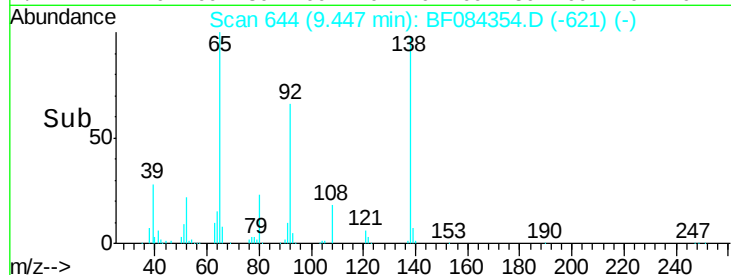
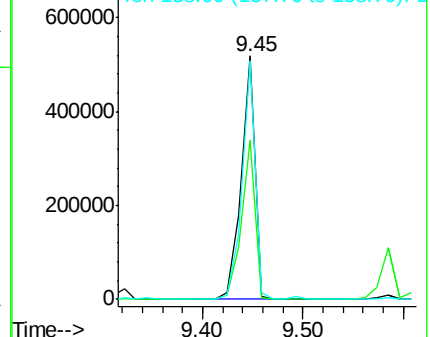
65 100

92 65.6 53.4 80.2

138 97.8 71.1 106.7



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



#48

Acenaphthylene

Concen: 43.01 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.05 min

Lab File: BF084354.D

Acq: 10 Jan 2016 10:13

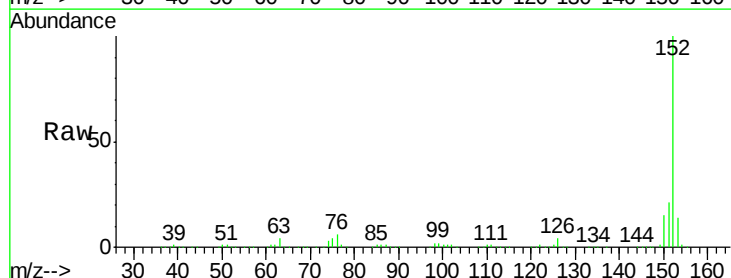
Tgt Ion: 152 Resp: 1911920

Ion Ratio Lower Upper

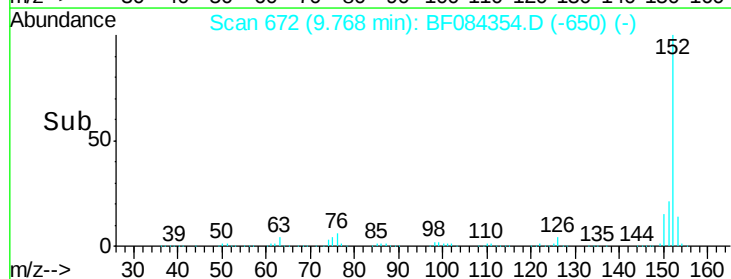
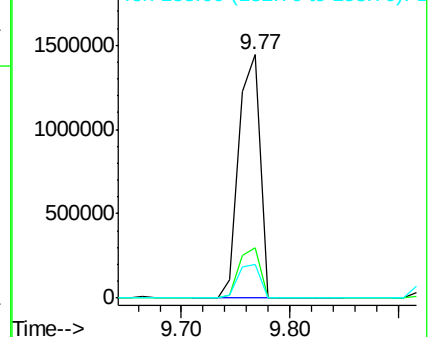
152 100

151 20.7 16.3 24.5

153 13.8 10.4 15.6



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

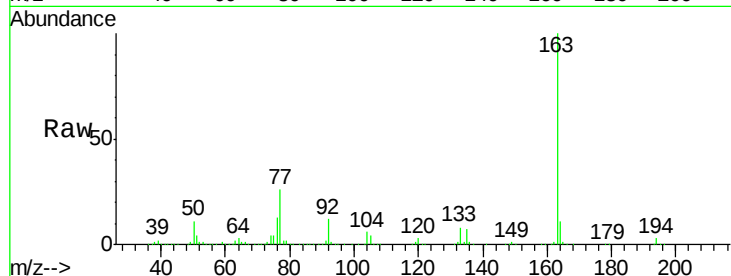




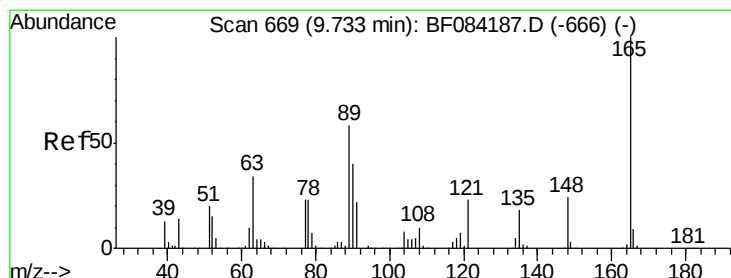
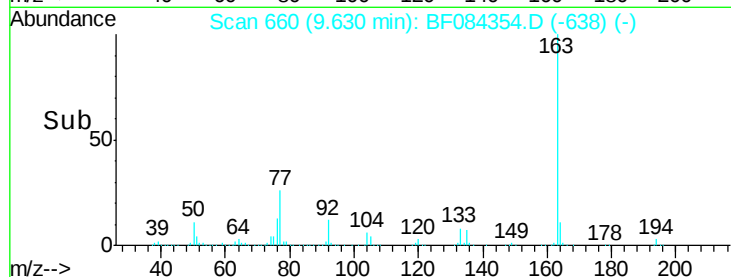
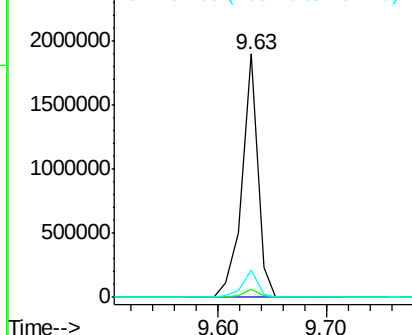
#49
Dimethylphthalate
Concen: 55.08 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.05 min
Lab File: BF084354.D
Acq: 10 Jan 2016 10:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 1897948
Ion Ratio Lower Upper
163 100
194 3.4 8.0 12.0#
164 11.1 8.0 12.0

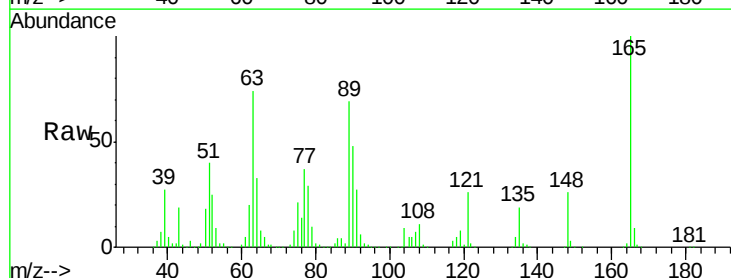


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

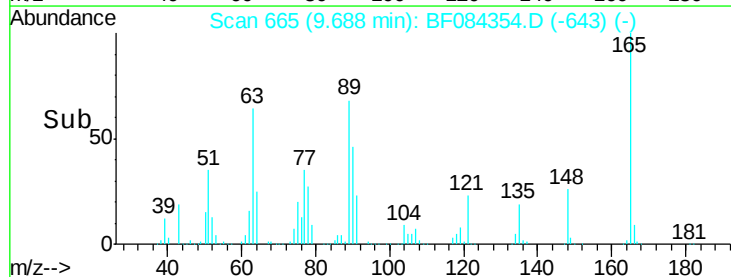
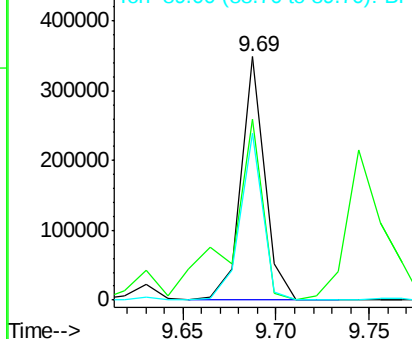


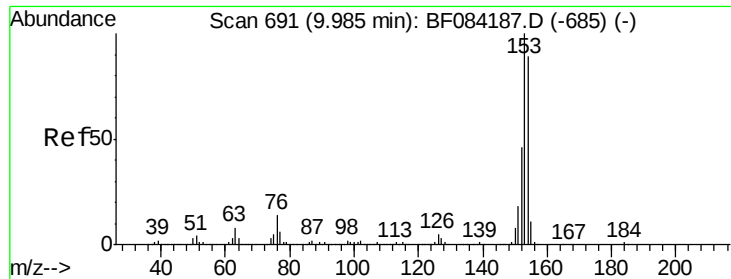
#50
2,6-Dinitrotoluene
Concen: 40.89 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.05 min
Lab File: BF084354.D
Acq: 10 Jan 2016 10:13

Tgt Ion:165 Resp: 309041
Ion Ratio Lower Upper
165 100
63 74.2 28.8 43.2#
89 68.8 35.1 52.7#



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: 46.18 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.05 min

Lab File: BF084354.D

Acq: 10 Jan 2016 10:13

Instrument :

BNA_F

ClientSampleId :

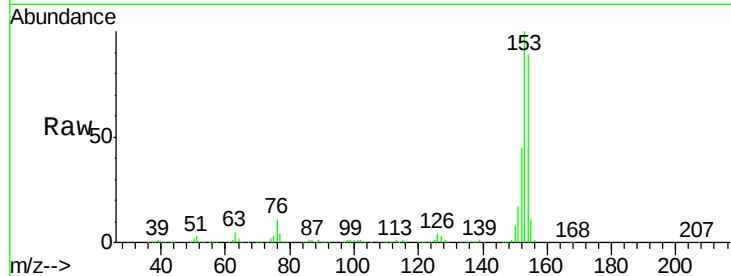
Tot Ion:154 Resp: 1377129

Ion Ratio Lower Upper

154 100

153 112.1 91.5 137.3

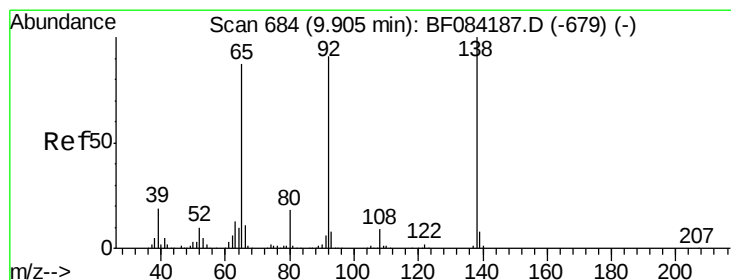
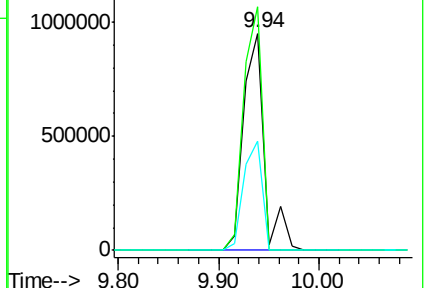
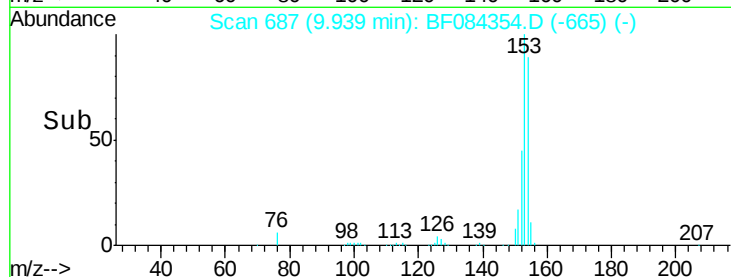
152 50.5 43.0 64.6



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: 30.08 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.05 min

Lab File: BF084354.D

Acq: 10 Jan 2016 10:13

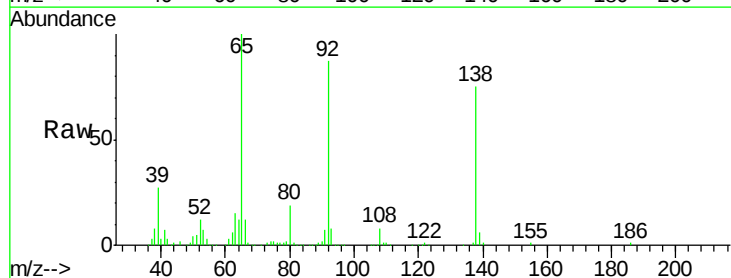
Tgt Ion:138 Resp: 281651

Ion Ratio Lower Upper

138 100

108 11.3 10.5 15.7

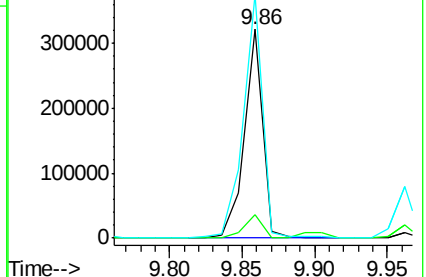
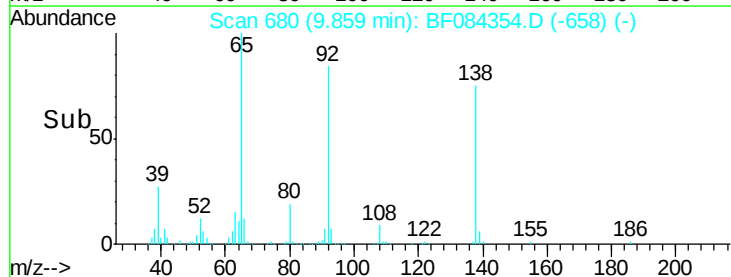
92 116.5 103.9 155.9

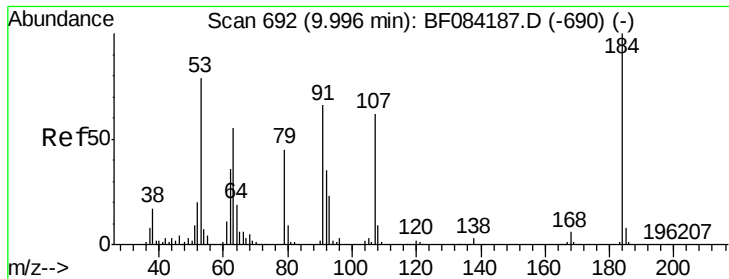


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

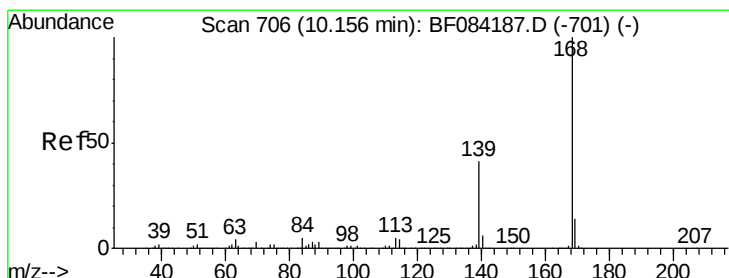
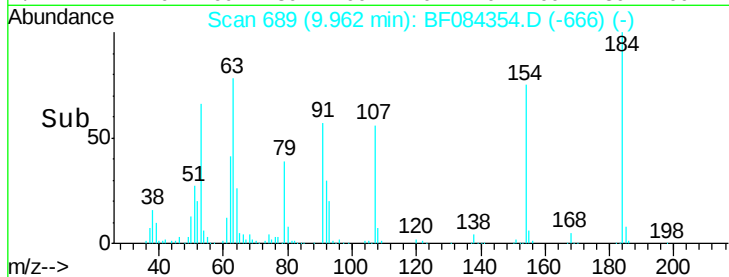
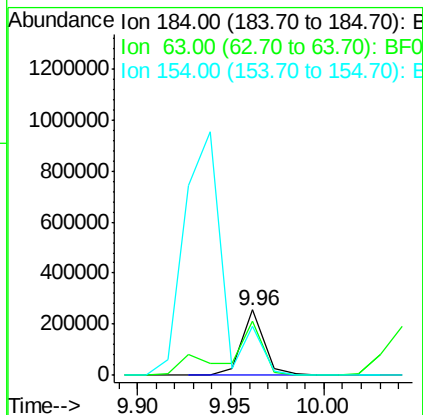
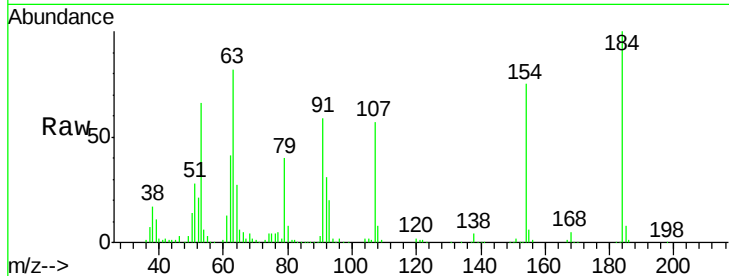




#53
2,4-Dinitrophenol
Concen: 68.08 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.03 min
Lab File: BF084354.D
Acq: 10 Jan 2016 10:13

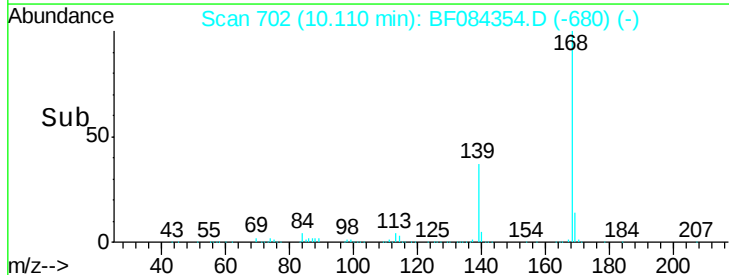
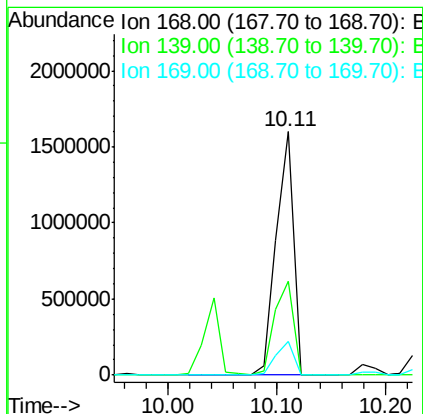
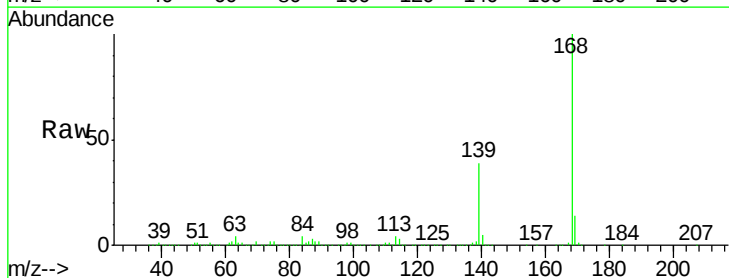
Instrument :
BNA_F
ClientSampleId :

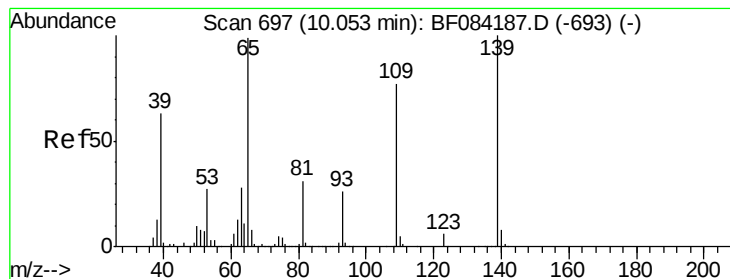
Tot Ion:184 Resp: 217399
Ion Ratio Lower Upper
184 100
63 81.8 43.1 64.7#
154 74.9 60.5 90.7



#54
Dibenzofuran
Concen: 45.49 ng
RT: 10.11 min Scan# 702
Delta R.T. -0.05 min
Lab File: BF084354.D
Acq: 10 Jan 2016 10:13

Tgt Ion:168 Resp: 1755484
Ion Ratio Lower Upper
168 100
139 38.7 30.5 45.7
169 13.7 10.4 15.6





#55

4-Nitrophenol

Concen: 76.15 ng

RT: 10.04 min Scan# 696

Delta R.T. -0.01 min

Lab File: BF084354.D

Acq: 10 Jan 2016 10:13

Instrument :

BNA_F

ClientSampled :

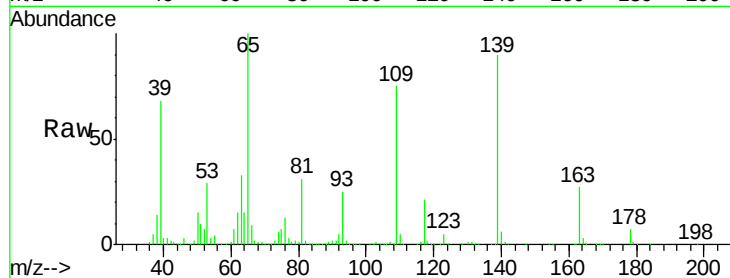
Tot Ion:139 Resp: 517620

Ion Ratio Lower Upper

139 100

109 83.4 58.5 98.5

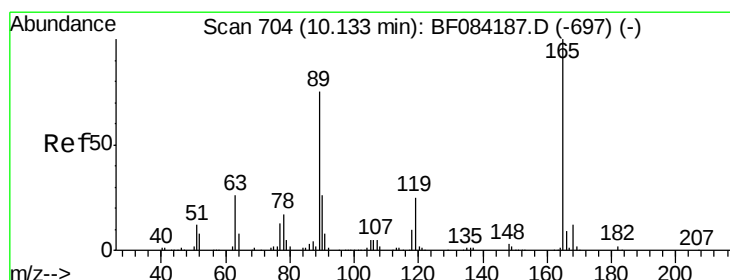
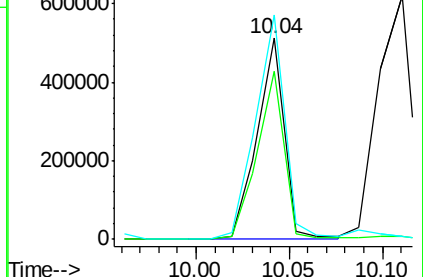
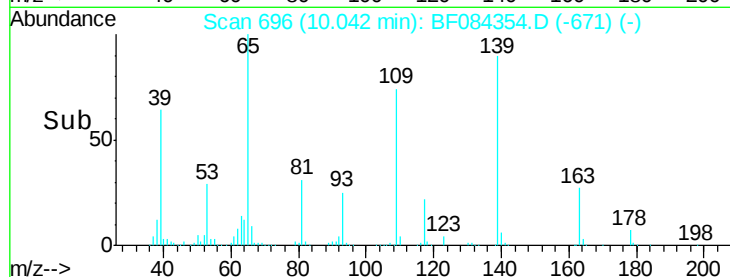
65 111.6 57.6 97.6#



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: 44.15 ng

RT: 10.09 min Scan# 700

Delta R.T. -0.05 min

Lab File: BF084354.D

Acq: 10 Jan 2016 10:13

Tgt Ion:165 Resp: 422320

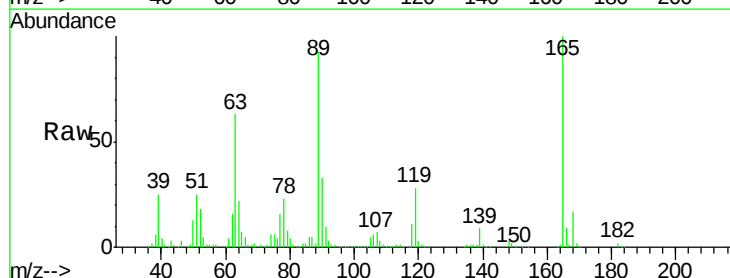
Ion Ratio Lower Upper

165 100

63 63.0 36.7 55.1#

89 92.7 61.9 92.9

182 1.9 2.0 3.0#

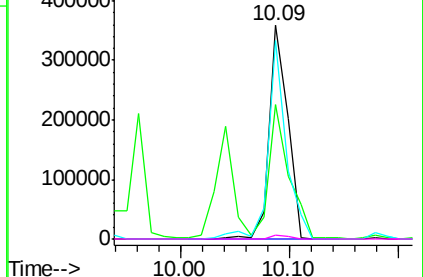
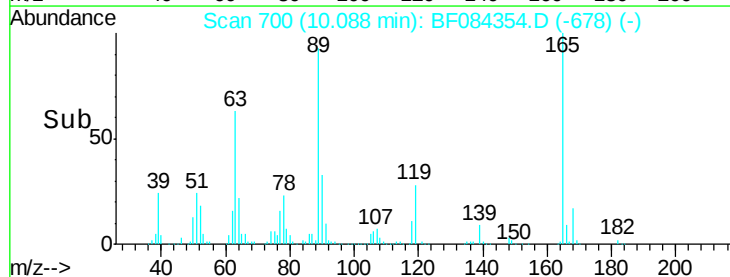


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 44.91 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.04 min

Lab File: BF084354.D

Acq: 10 Jan 2016 10:13

Instrument :

BNA_F

ClientSampleId :

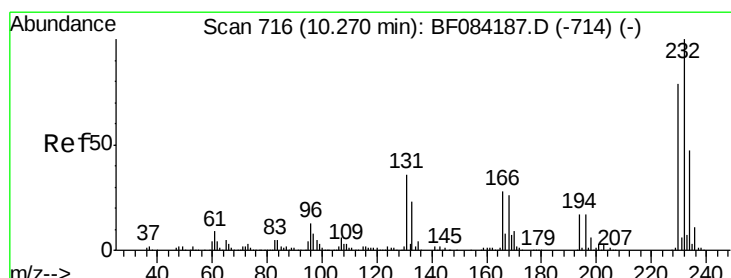
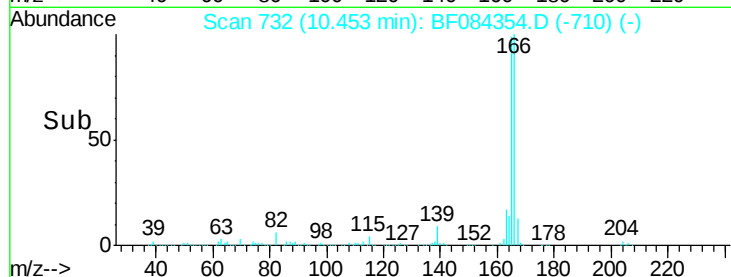
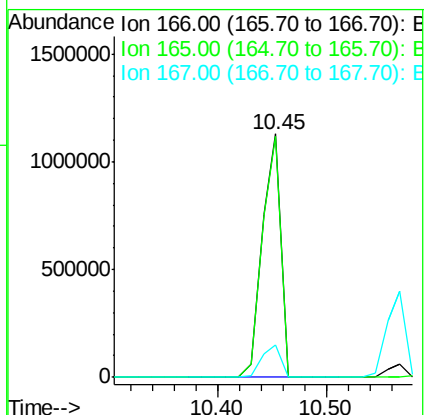
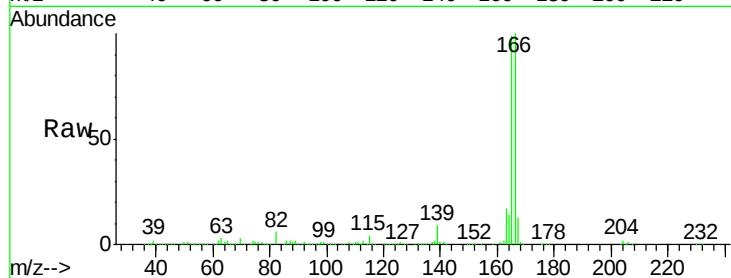
Tot Ion:166 Resp: 1341322

Ion Ratio Lower Upper

166 100

165 99.1 79.1 118.7

167 13.2 10.4 15.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.97 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.05 min

Lab File: BF084354.D

Acq: 10 Jan 2016 10:13

Tgt Ion:232 Resp: 339181

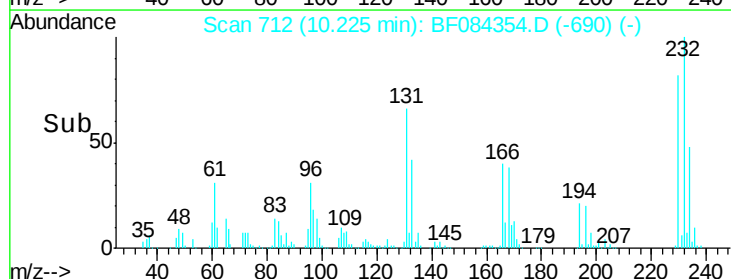
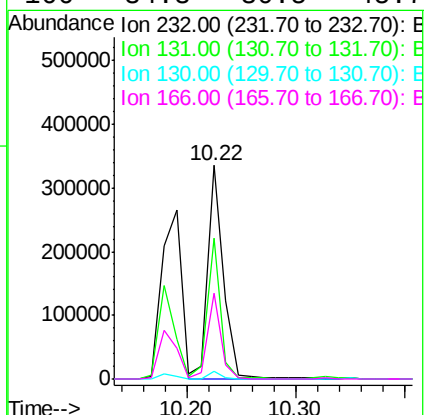
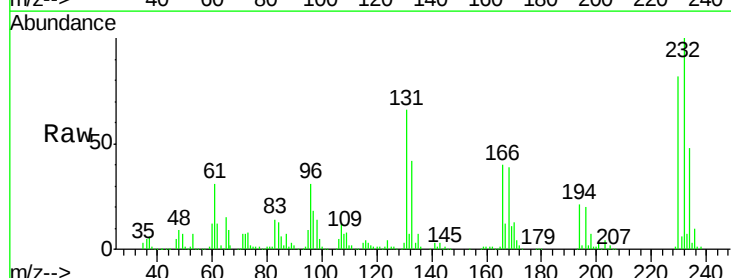
Ion Ratio Lower Upper

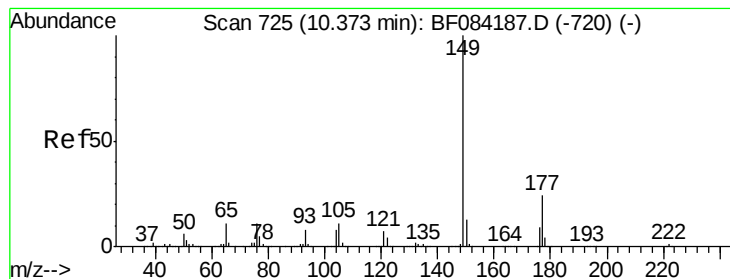
232 100

131 55.7 47.0 70.6

130 2.7 2.0 3.0

166 34.3 30.5 45.7





#59

Diethylphthalate

Concen: 42.51 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.05 min

Lab File: BF084354.D

Acq: 10 Jan 2016 10:13

Instrument :

BNA_F

ClientSampleId :

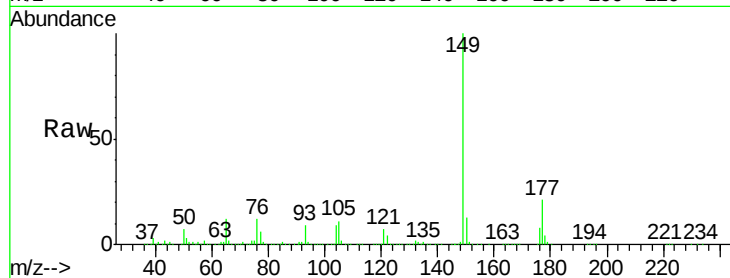
Tot Ion:149 Resp: 1444177

Ion Ratio Lower Upper

149 100

177 21.4 17.3 25.9

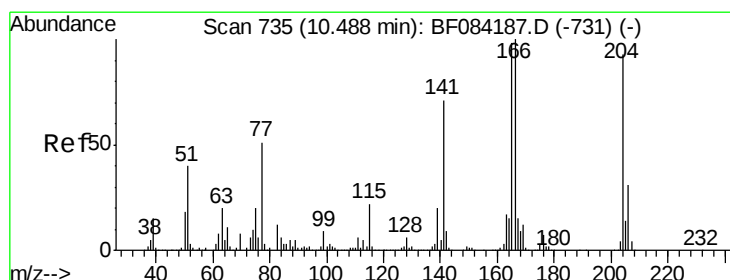
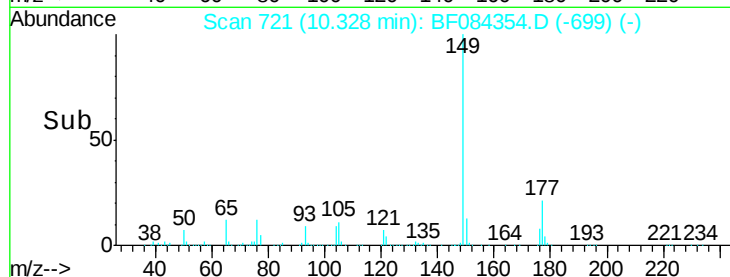
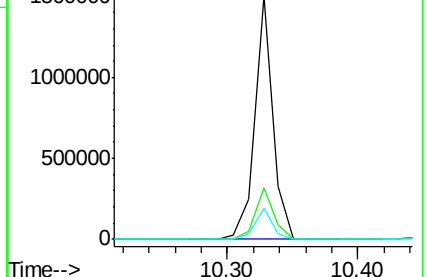
150 13.0 9.8 14.8



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: 49.87 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.05 min

Lab File: BF084354.D

Acq: 10 Jan 2016 10:13

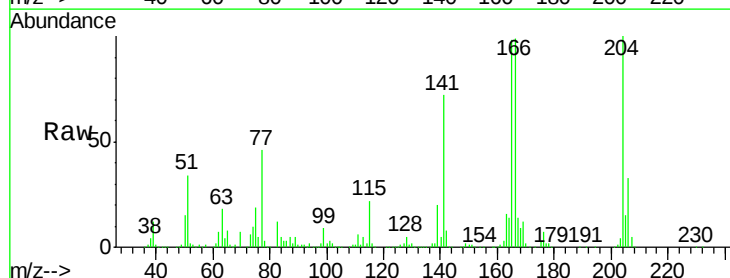
Tgt Ion:204 Resp: 617658

Ion Ratio Lower Upper

204 100

206 33.3 25.7 38.5

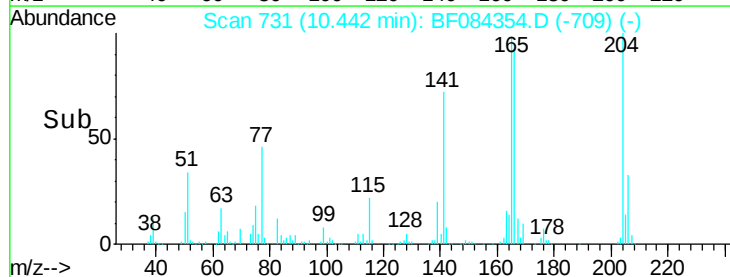
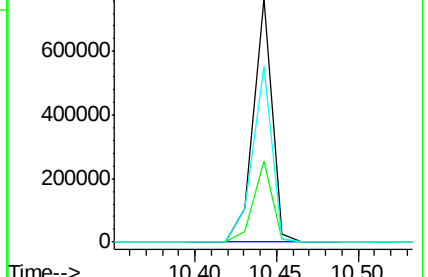
141 72.0 55.1 82.7

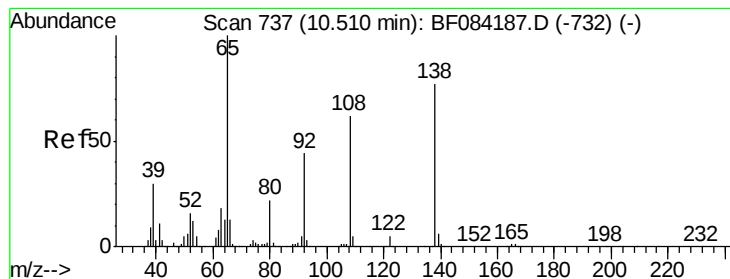


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 39.99 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.03 min

Lab File: BF084354.D

Acq: 10 Jan 2016 10:13

Instrument :

BNA_F

ClientSampleId :

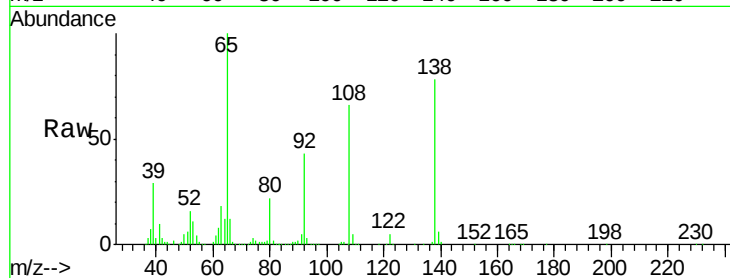
Tot Ion:138 Resp: 333859

Ion Ratio Lower Upper

138 100

92 54.6 32.6 72.6

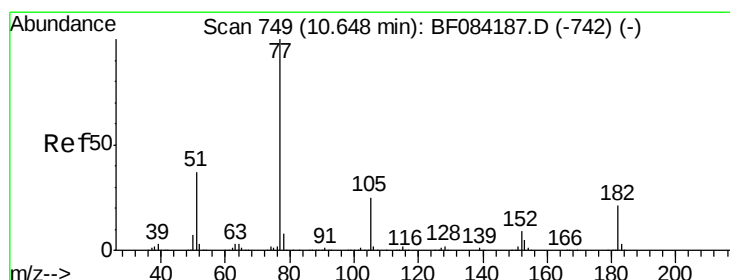
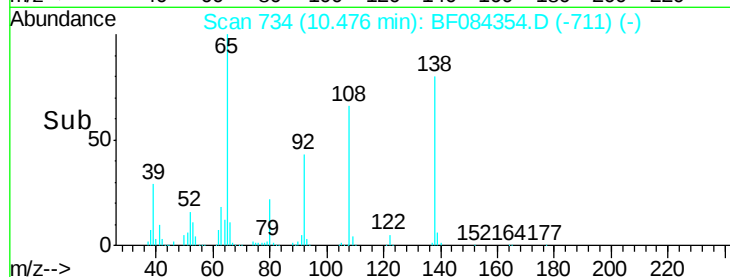
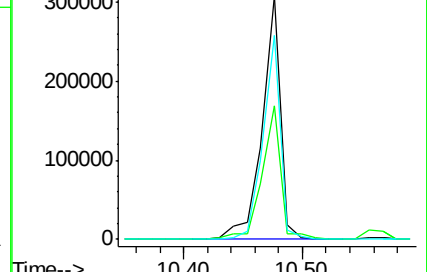
108 84.0 68.6 108.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 43.20 ng

RT: 10.60 min Scan# 745

Delta R.T. -0.05 min

Lab File: BF084354.D

Acq: 10 Jan 2016 10:13

Tgt Ion: 77 Resp: 1609606

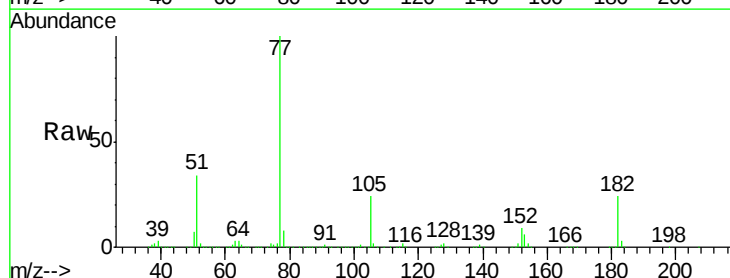
Ion Ratio Lower Upper

77 100

182 23.9 8.3 48.3

105 24.3 4.6 44.6

51 34.5 6.2 46.2

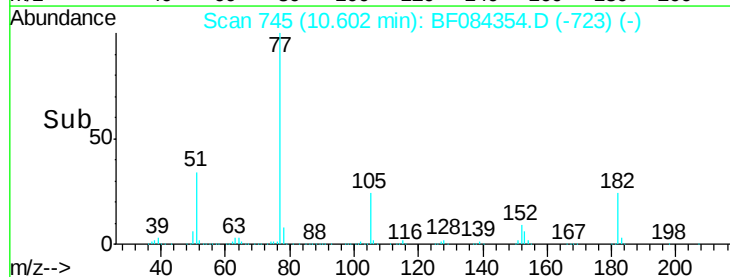
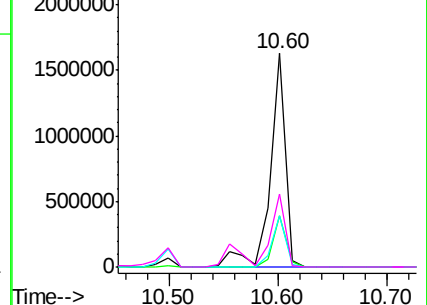


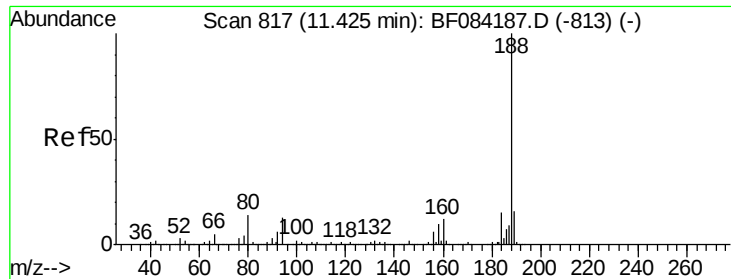
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

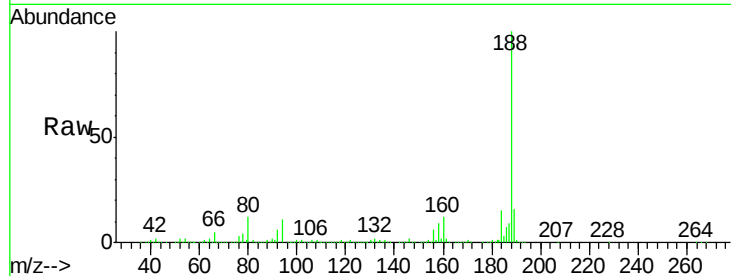




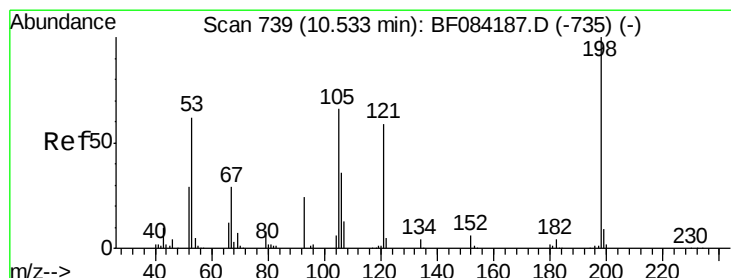
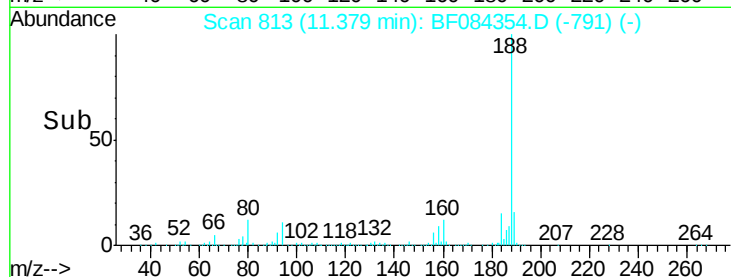
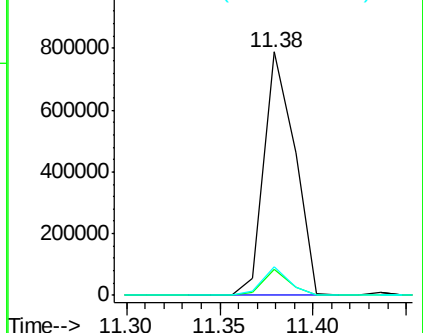
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.05 min
Lab File: BF084354.D
Acq: 10 Jan 2016 10:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 900572
Ion Ratio Lower Upper
188 100
94 10.8 9.0 13.4
80 11.9 9.6 14.4

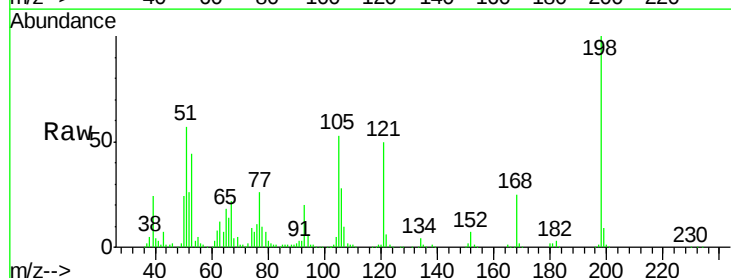


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

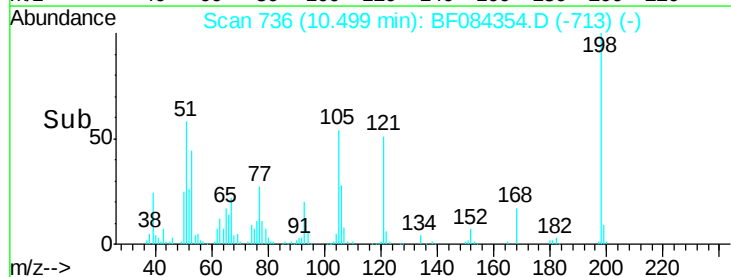
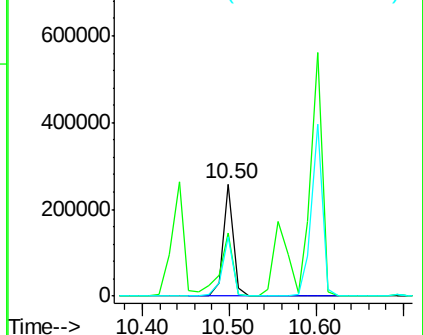


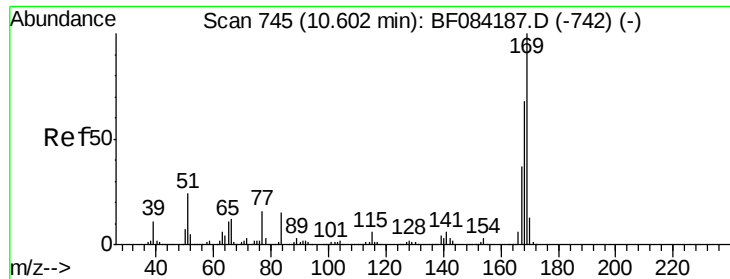
#64
4,6-Dinitro-2-methylphenol
Concen: 39.31 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.03 min
Lab File: BF084354.D
Acq: 10 Jan 2016 10:13

Tgt Ion:198 Resp: 216264
Ion Ratio Lower Upper
198 100
51 56.6 18.9 58.9
105 52.8 26.4 66.4



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

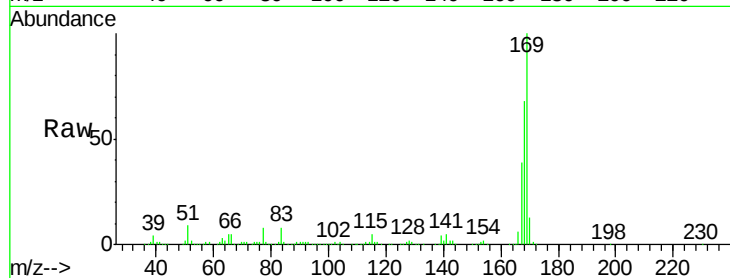




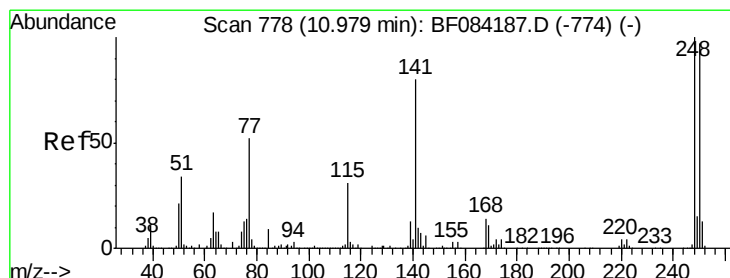
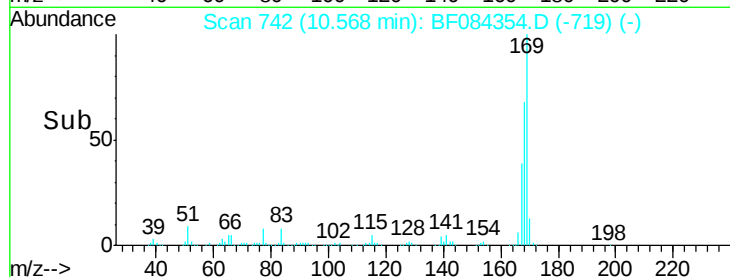
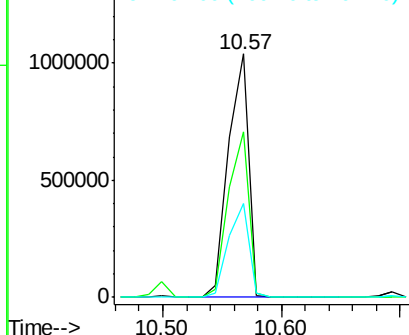
#65
n-Nitrosodiphenylamine
Concen: 42.65 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.03 min
Lab File: BF084354.D
Acq: 10 Jan 2016 10:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 1228007
Ion Ratio Lower Upper
169 100
168 67.8 55.1 82.7
167 38.7 30.0 45.0

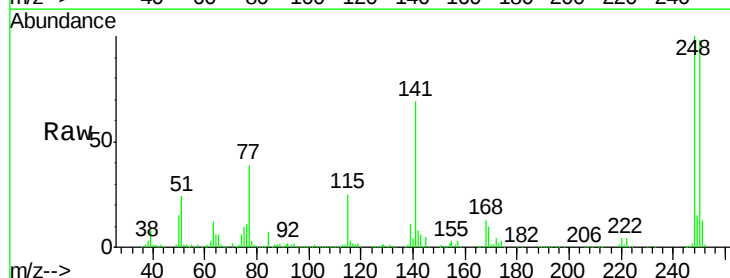


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

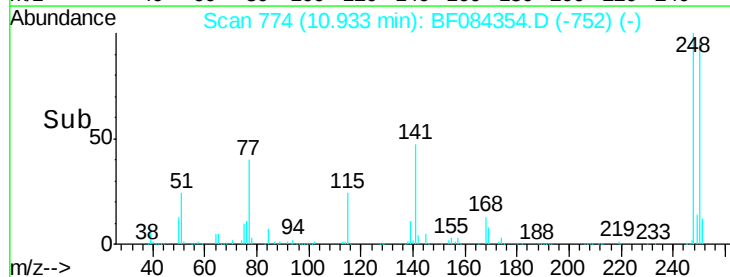
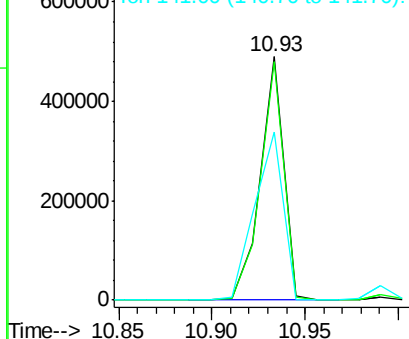


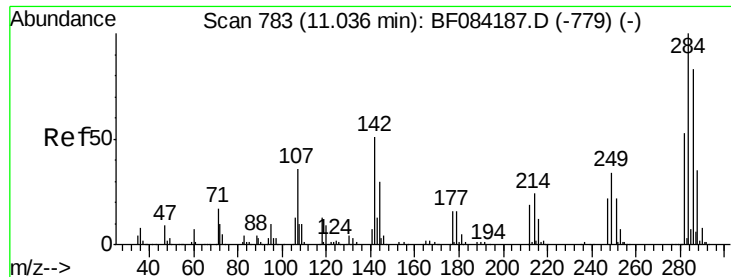
#66
4-Bromophenyl-phenylether
Concen: 43.65 ng
RT: 10.93 min Scan# 774
Delta R.T. -0.05 min
Lab File: BF084354.D
Acq: 10 Jan 2016 10:13

Tgt Ion:248 Resp: 423073
Ion Ratio Lower Upper
248 100
250 98.2 78.4 117.6
141 68.8 44.0 66.0#



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

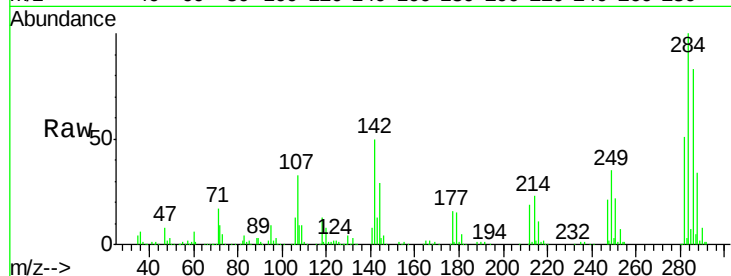




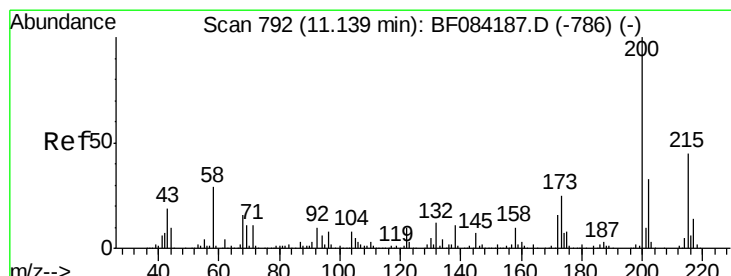
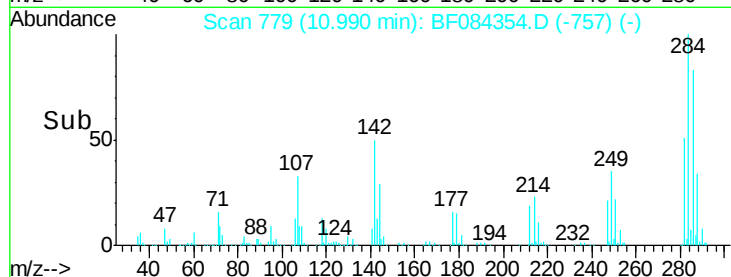
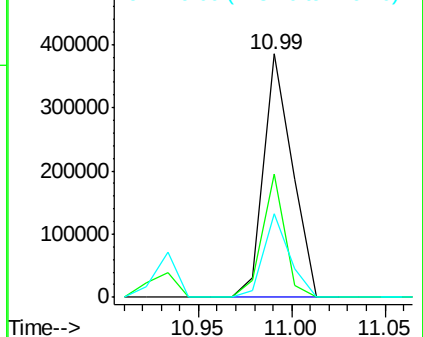
#67
Hexachlorobenzene
Concen: 38.00 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.05 min
Lab File: BF084354.D
Acq: 10 Jan 2016 10:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 414549
Ion Ratio Lower Upper
284 100
142 50.5 22.2 33.4#
249 34.6 24.6 37.0

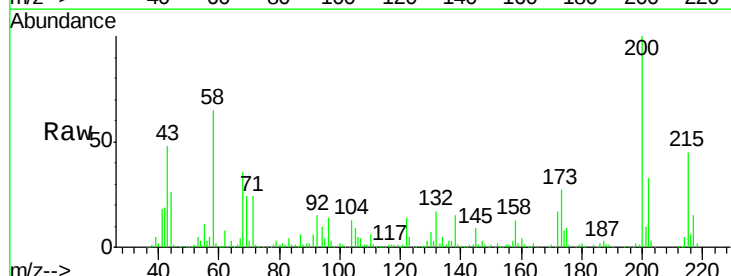


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

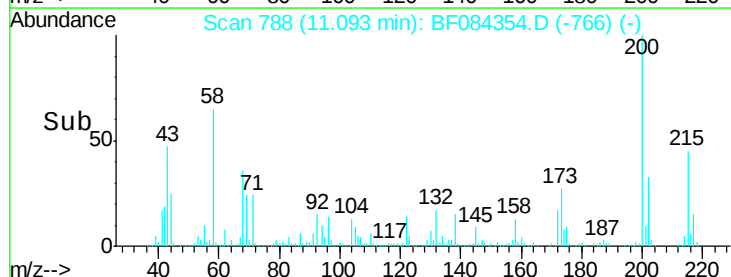
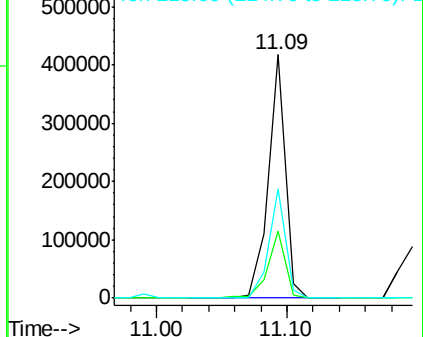


#68
Atrazine
Concen: 40.86 ng
RT: 11.09 min Scan# 788
Delta R.T. -0.05 min
Lab File: BF084354.D
Acq: 10 Jan 2016 10:13

Tgt Ion:200 Resp: 385052
Ion Ratio Lower Upper
200 100
173 27.4 9.5 49.5
215 44.8 23.8 63.8



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

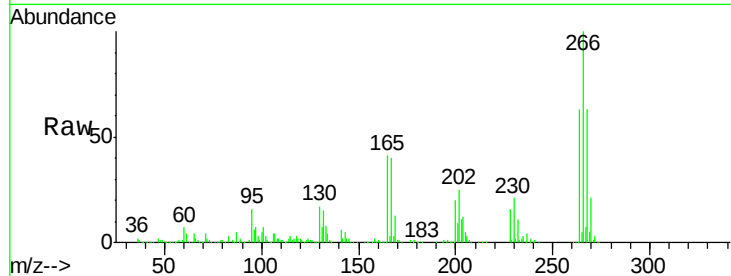




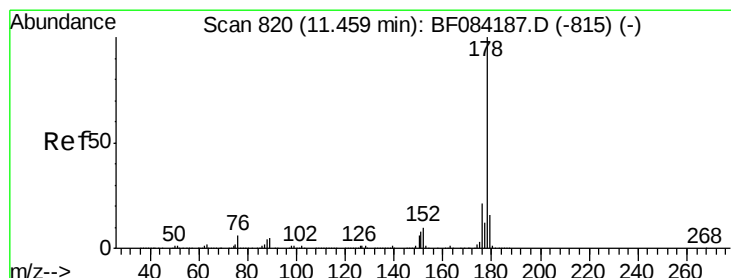
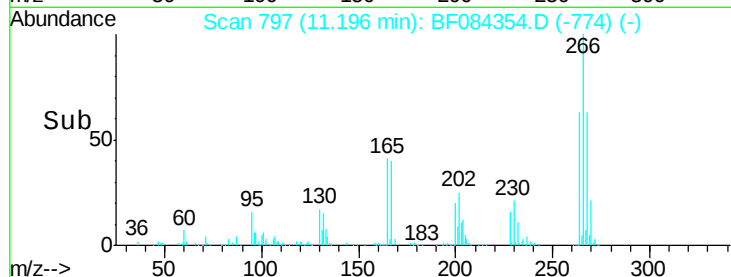
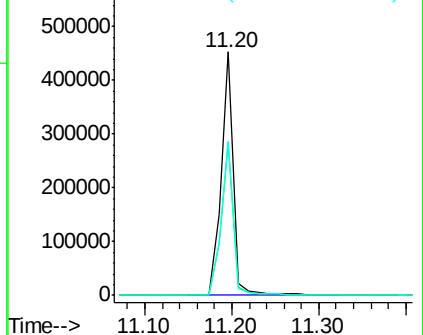
#69
 Pentachlorophenol
 Concen: 79.93 ng
 RT: 11.20 min Scan# 797
 Delta R.T. -0.03 min
 Lab File: BF084354.D
 Acq: 10 Jan 2016 10:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.0	52.4	78.6
264	63.2	50.2	75.2

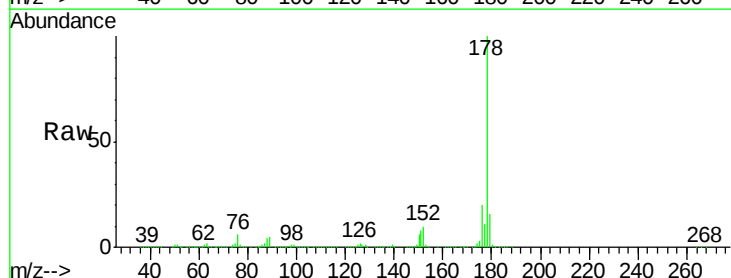


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

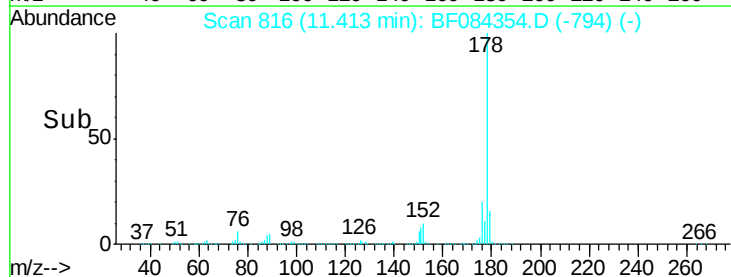
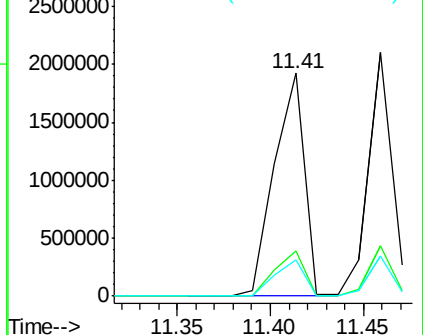


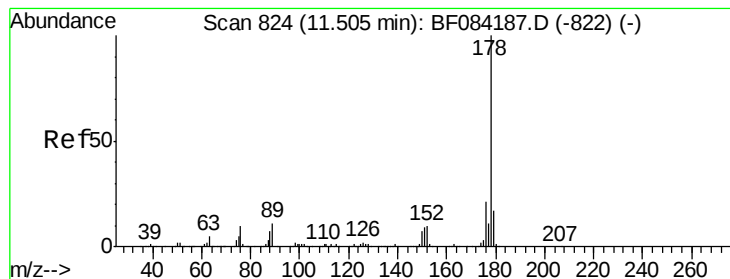
#70
 Phenanthrene
 Concen: 45.60 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.05 min
 Lab File: BF084354.D
 Acq: 10 Jan 2016 10:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.3	22.9
179	16.3	12.0	18.0



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: 40.06 ng

RT: 11.46 min Scan# 820

Delta R.T. -0.04 min

Lab File: BF084354.D

Acq: 10 Jan 2016 10:13

Instrument :

BNA_F

ClientSampleId :

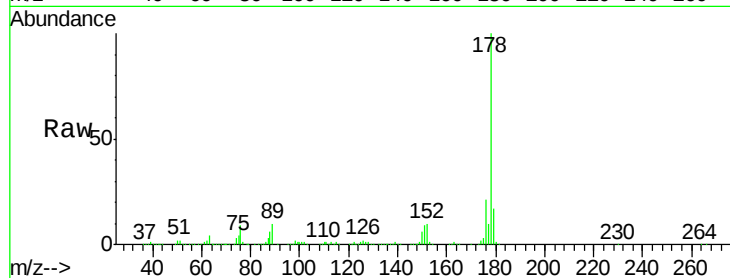
Tot Ion:178 Resp: 1849693

Ion Ratio Lower Upper

178 100

176 20.6 15.4 23.0

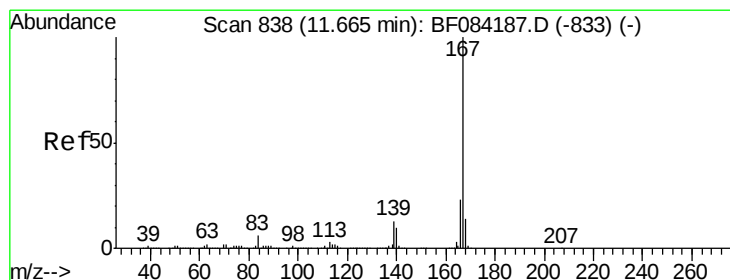
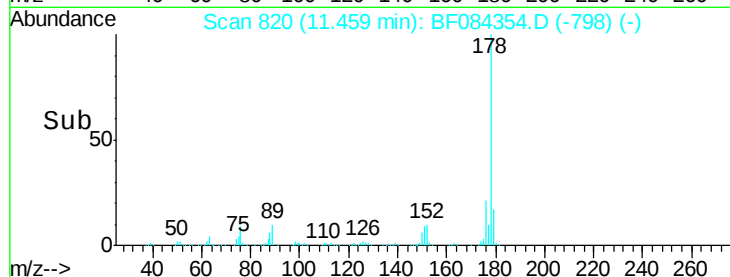
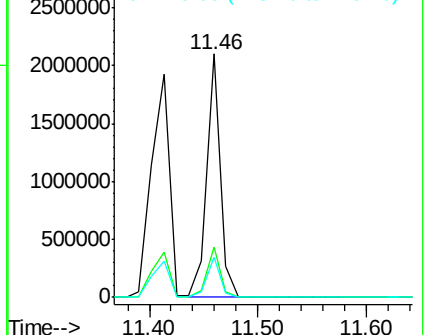
179 16.6 12.5 18.7



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: 41.91 ng

RT: 11.62 min Scan# 834

Delta R.T. -0.05 min

Lab File: BF084354.D

Acq: 10 Jan 2016 10:13

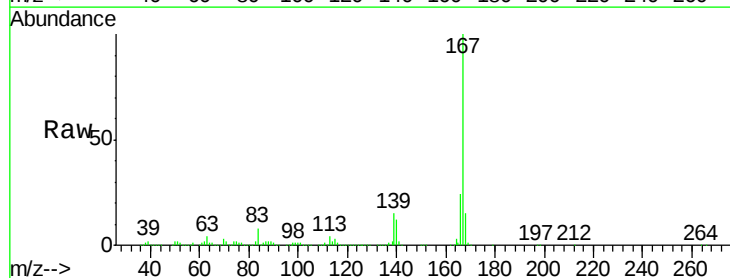
Tgt Ion:167 Resp: 1892040

Ion Ratio Lower Upper

167 100

166 23.6 17.6 26.4

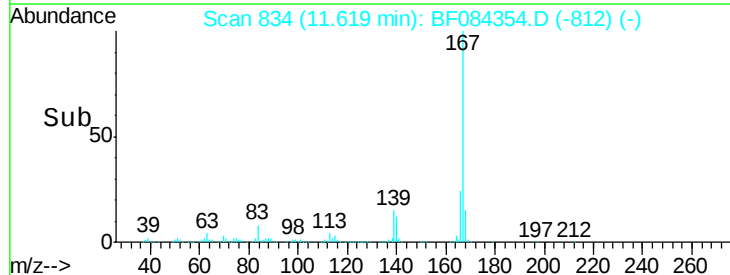
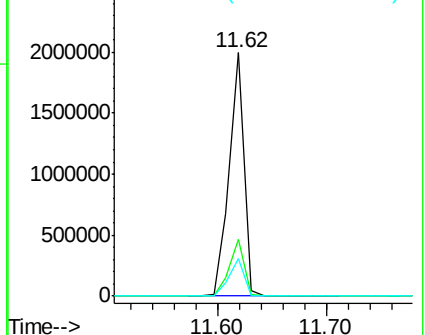
139 15.5 11.8 17.8

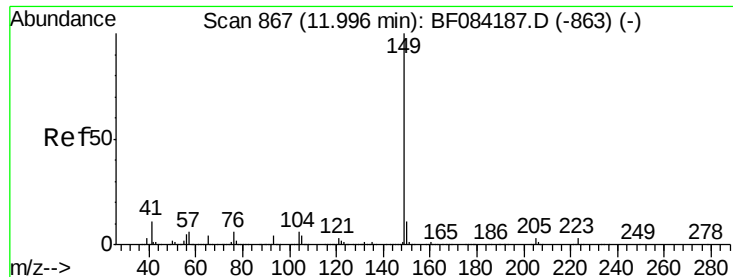


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 45.82 ng

RT: 11.95 min Scan# 863

Delta R.T. -0.05 min

Lab File: BF084354.D

Acq: 10 Jan 2016 10:13

Instrument :

BNA_F

ClientSampleId :

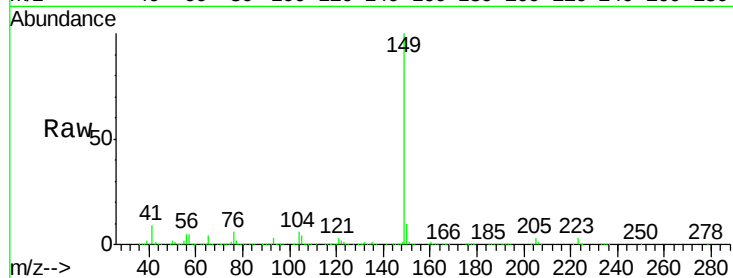
Tot Ion:149 Resp: 2188314

Ion Ratio Lower Upper

149 100

150 10.4 7.1 10.7

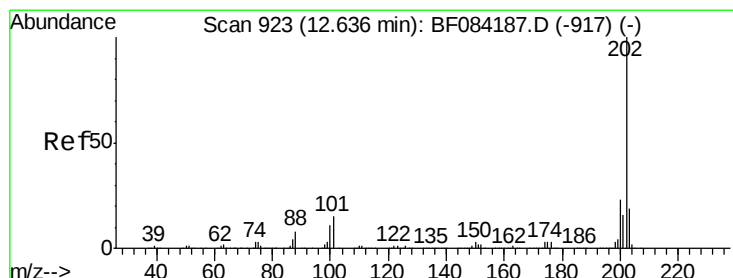
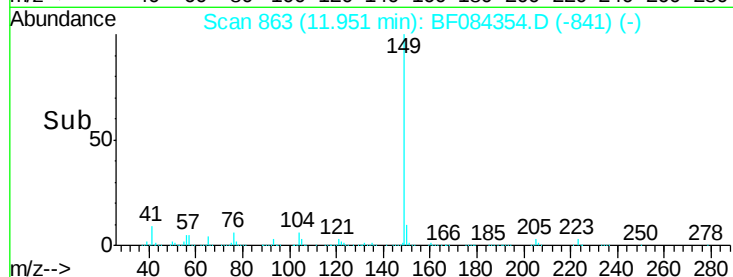
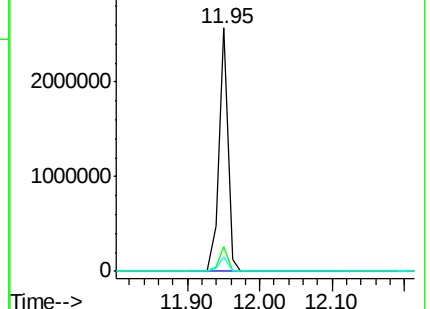
104 6.1 3.2 4.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.93 ng

RT: 12.59 min Scan# 919

Delta R.T. -0.05 min

Lab File: BF084354.D

Acq: 10 Jan 2016 10:13

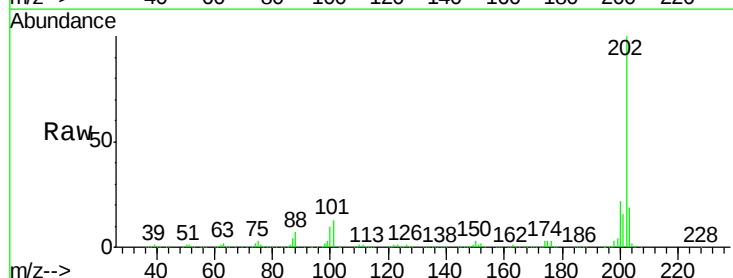
Tgt Ion:202 Resp: 1964832

Ion Ratio Lower Upper

202 100

101 13.2 0.0 32.8

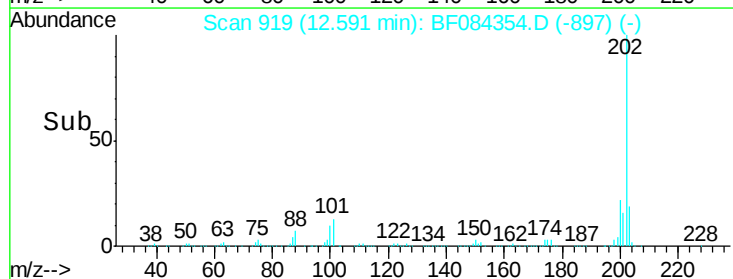
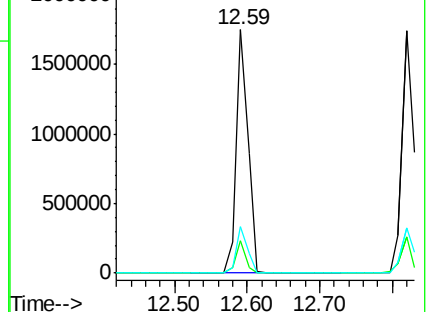
203 18.9 0.0 37.9

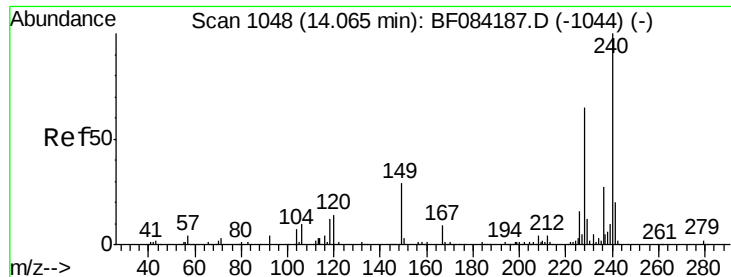


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BF084354.D

Acq: 10 Jan 2016 10:13

Instrument :

BNA_F

ClientSampleId :

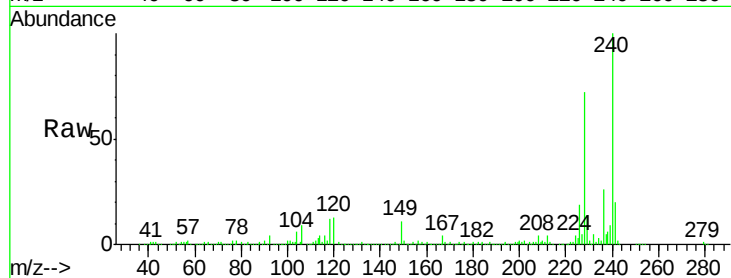
Tot Ion:240 Resp: 678122

Ion Ratio Lower Upper

240 100

120 13.5 9.5 14.3

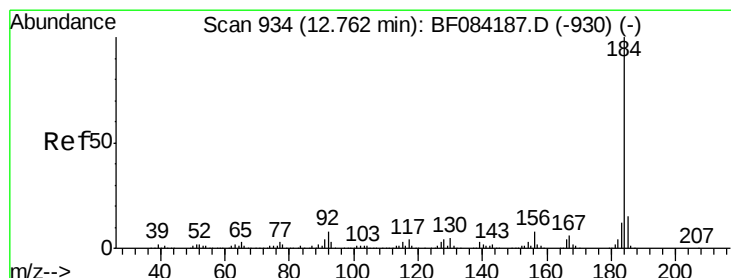
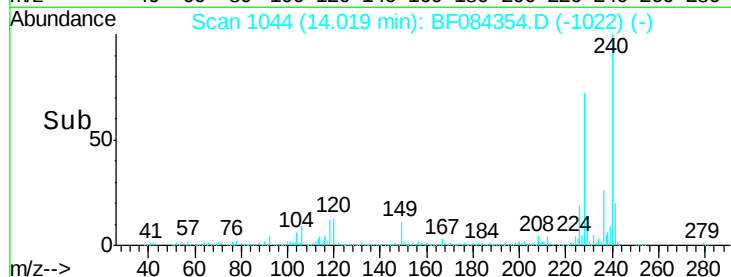
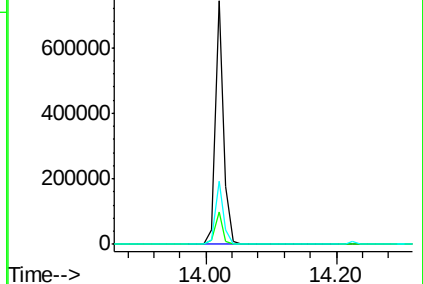
236 26.1 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 15.83 ng

RT: 12.72 min Scan# 930

Delta R.T. -0.05 min

Lab File: BF084354.D

Acq: 10 Jan 2016 10:13

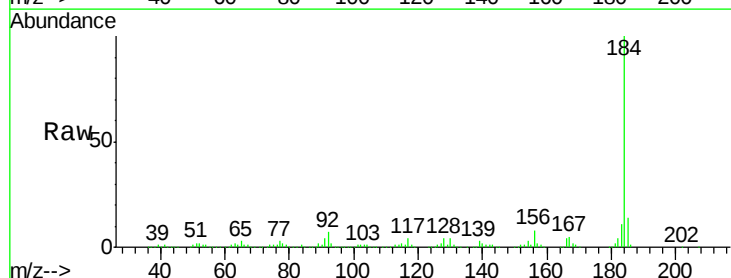
Tgt Ion:184 Resp: 384914

Ion Ratio Lower Upper

184 100

185 14.0 12.2 18.2

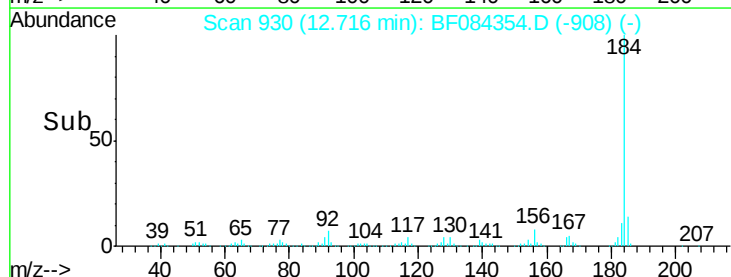
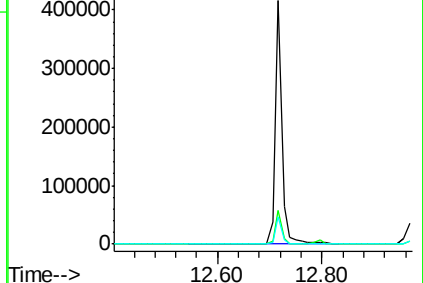
183 11.2 9.8 14.8

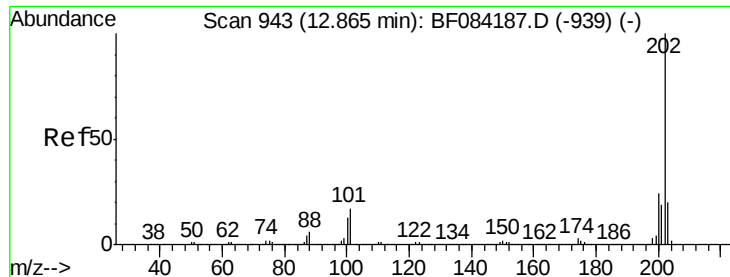


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

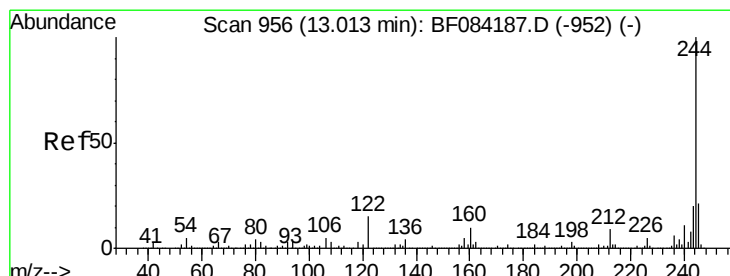
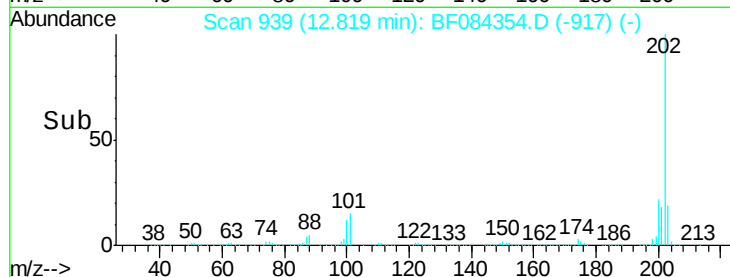
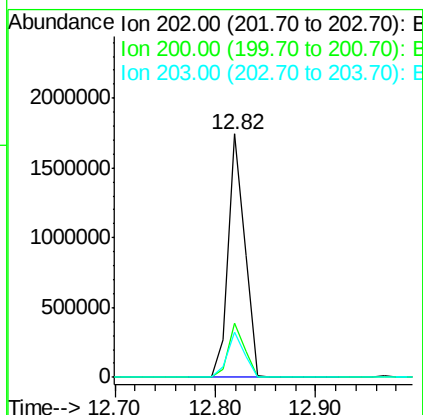
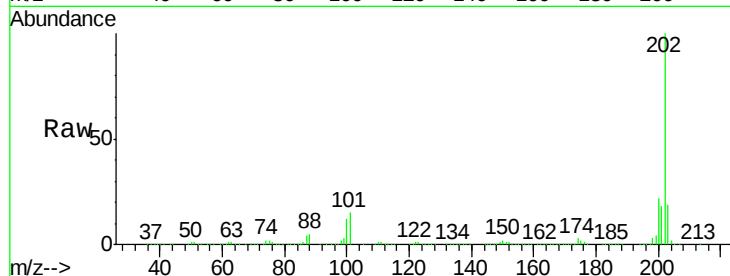




#77
 Pvrene
 Concen: 37.49 ng
 RT: 12.82 min Scan# 939
 Delta R.T. -0.05 min
 Lab File: BF084354.D
 Acq: 10 Jan 2016 10:13

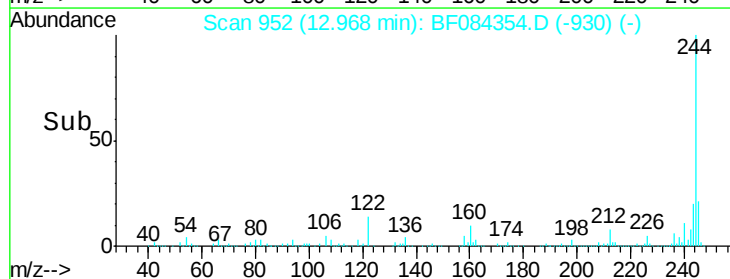
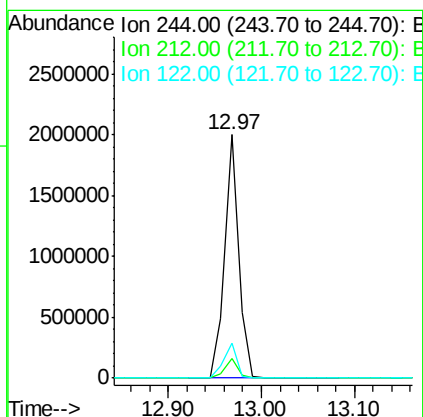
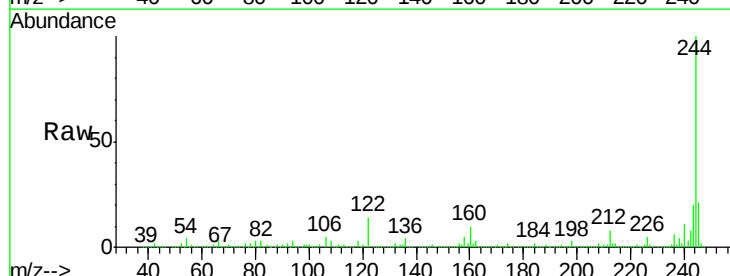
Instrument :
 BNA_F
 ClientSampleId :

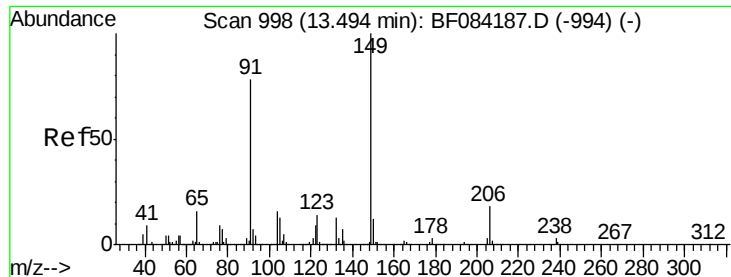
Tot Ion:202 Resp: 1994857
 Ion Ratio Lower Upper
 202 100
 200 22.5 17.2 25.8
 203 18.8 14.3 21.5



#78
 Terphenyl-d14
 Concen: 69.13 ng
 RT: 12.97 min Scan# 952
 Delta R.T. -0.05 min
 Lab File: BF084354.D
 Acq: 10 Jan 2016 10:13

Tgt Ion:244 Resp: 2100076
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.7 8.5
 122 14.5 7.4 11.0#

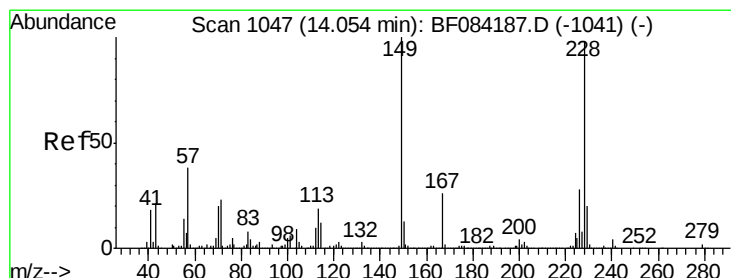
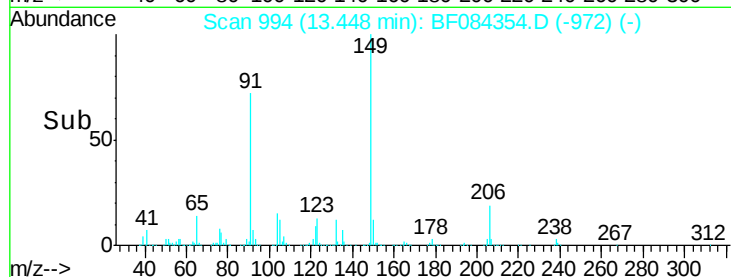
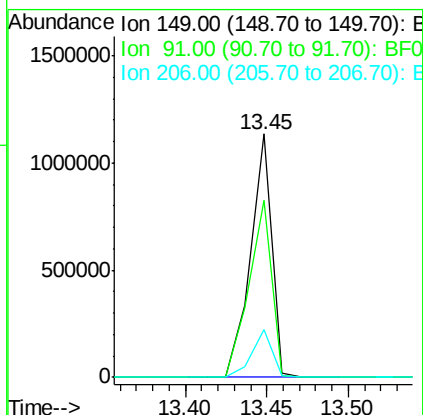
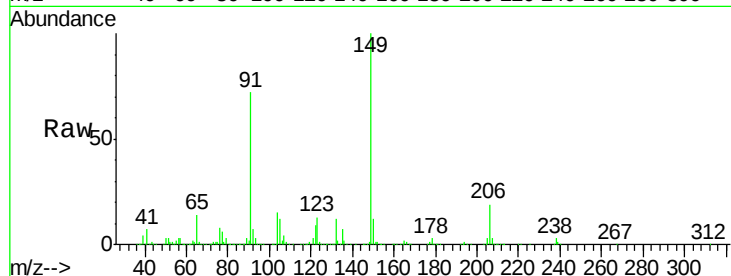




#79
Butylbenzylphthalate
Concen: 44.63 ng
RT: 13.45 min Scan# 994
Delta R.T. -0.05 min
Lab File: BF084354.D
Acq: 10 Jan 2016 10:13

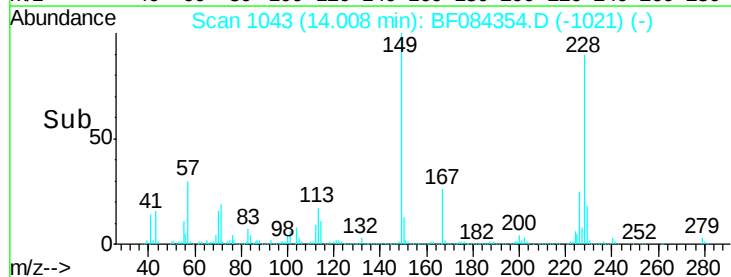
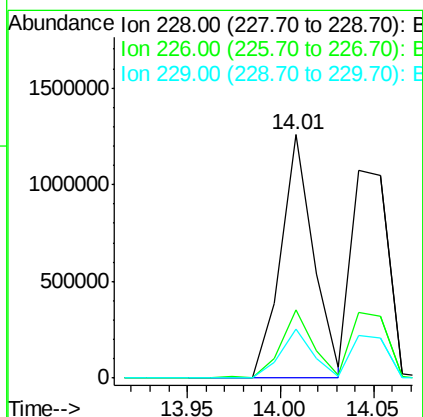
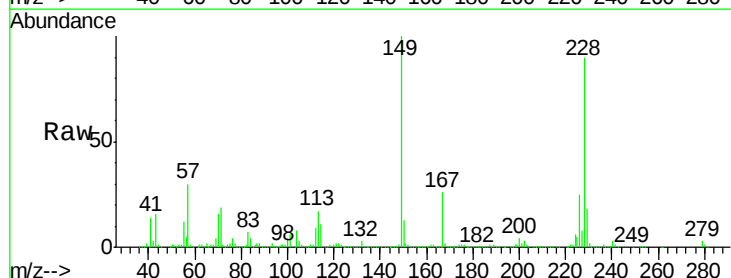
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1027767
Ion Ratio Lower Upper
149 100
91 72.5 57.6 86.4
206 19.4 13.2 19.8



#80
Benzo(a)anthracene
Concen: 38.66 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.05 min
Lab File: BF084354.D
Acq: 10 Jan 2016 10:13

Tgt Ion:228 Resp: 1539510
Ion Ratio Lower Upper
228 100
226 28.2 21.8 32.6
229 20.4 15.8 23.8

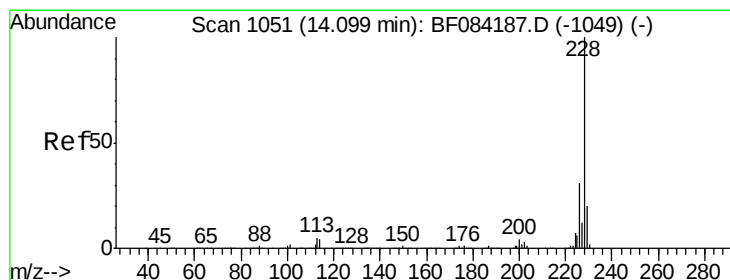
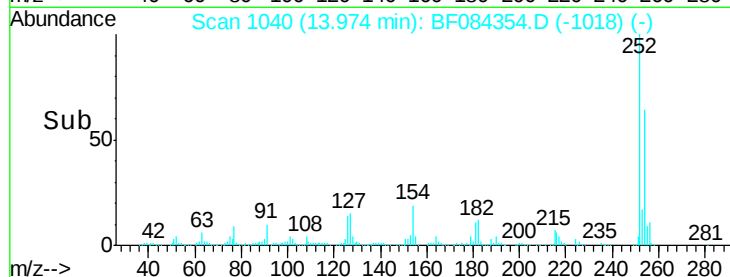
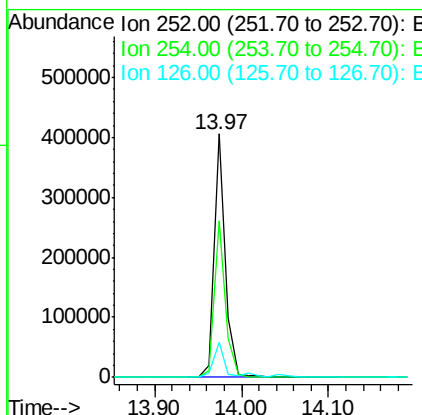
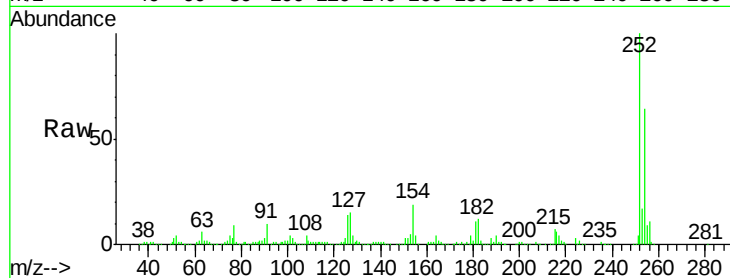




#81
 3,3'-Dichlorobenzidine
 Concen: 26.73 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.05 min
 Lab File: BF084354.D
 Acq: 10 Jan 2016 10:13

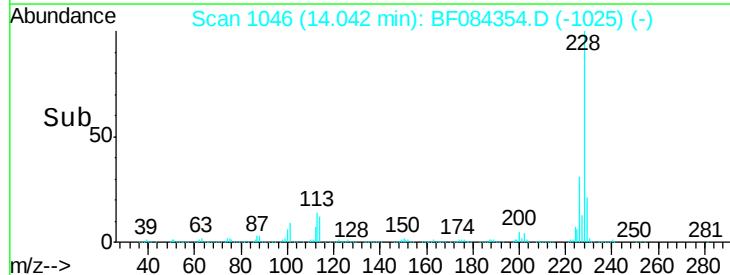
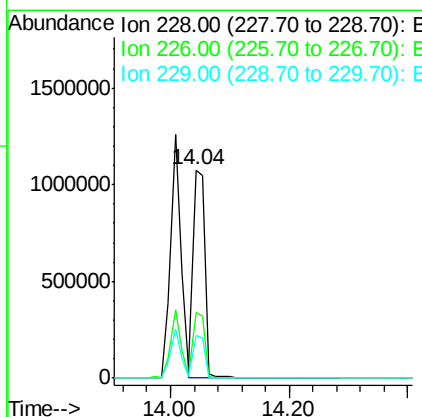
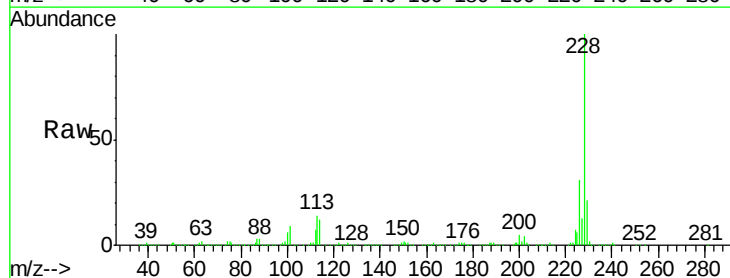
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 371474
 Ion Ratio Lower Upper
 252 100
 254 64.4 53.5 80.3
 126 14.2 4.9 7.3#



#82
 Chrysene
 Concen: 39.31 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.06 min
 Lab File: BF084354.D
 Acq: 10 Jan 2016 10:13

Tgt Ion:228 Resp: 1504144
 Ion Ratio Lower Upper
 228 100
 226 31.5 24.3 36.5
 229 20.7 16.1 24.1

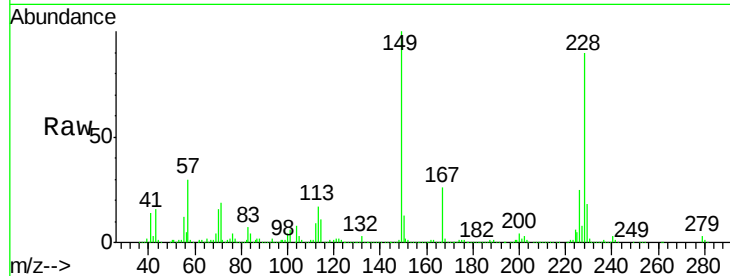




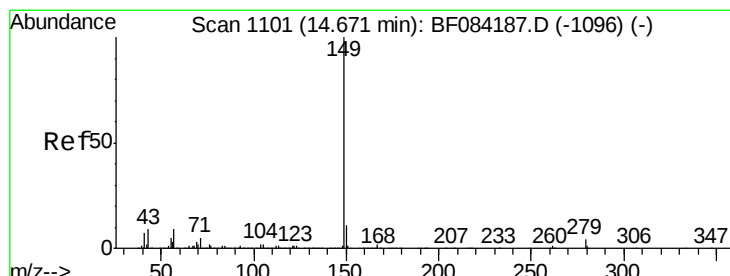
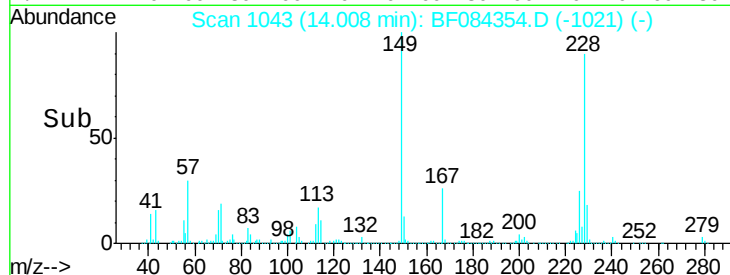
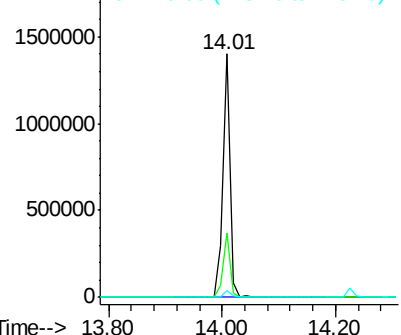
#83
Bis(2-ethylhexyl)phthalate
Concen: 42.59 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.05 min
Lab File: BF084354.D
Acq: 10 Jan 2016 10:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1239134
Ion Ratio Lower Upper
149 100
167 26.4 19.7 29.5
279 2.8 1.8 2.6#

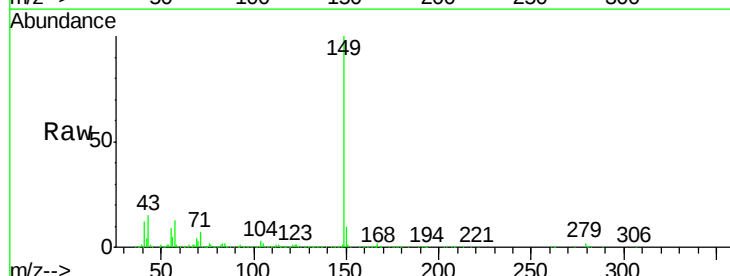


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

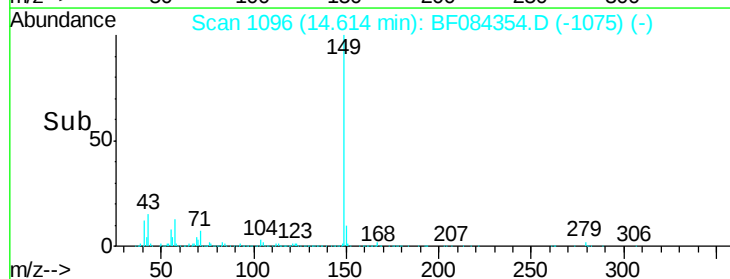
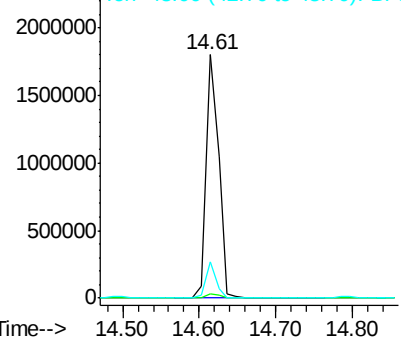


#84
Di-n-octyl phthalate
Concen: 41.70 ng
RT: 14.61 min Scan# 1096
Delta R.T. -0.06 min
Lab File: BF084354.D
Acq: 10 Jan 2016 10:13

Tgt Ion:149 Resp: 2048153
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 12.0 5.6 8.4#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 40.45 ng

RT: 16.84 min Scan# 1291

Delta R.T. -0.08 min

Lab File: BF084354.D

Acq: 10 Jan 2016 10:13

Instrument :

BNA_F

ClientSampleId :

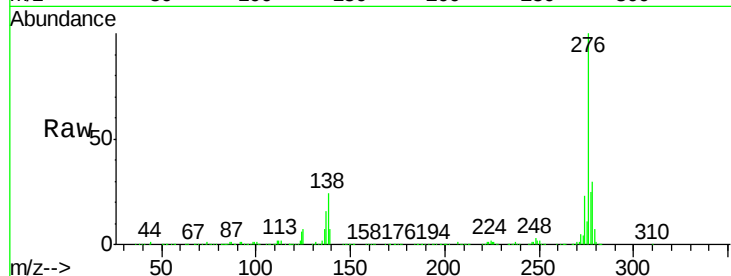
Tot Ion:276 Resp: 1226851

Ion Ratio Lower Upper

276 100

138 26.0 20.6 30.8

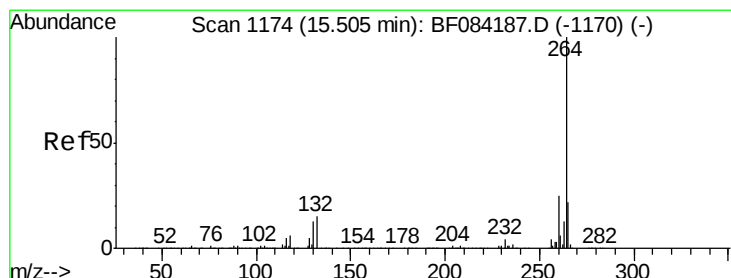
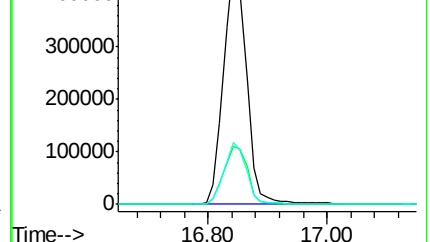
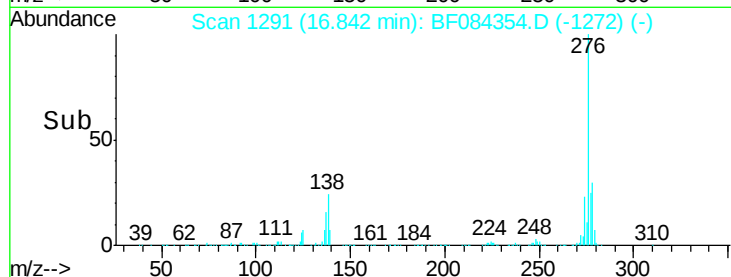
277 25.3 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.45 min Scan# 1169

Delta R.T. -0.06 min

Lab File: BF084354.D

Acq: 10 Jan 2016 10:13

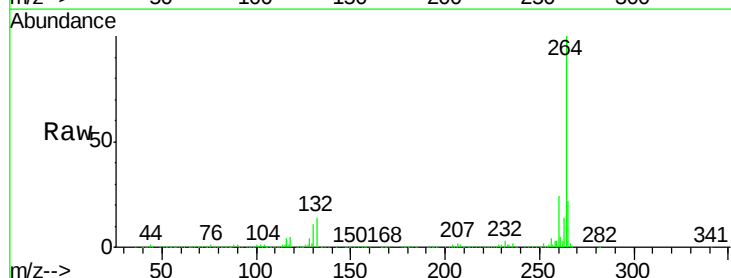
Tgt Ion:264 Resp: 547304

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.2

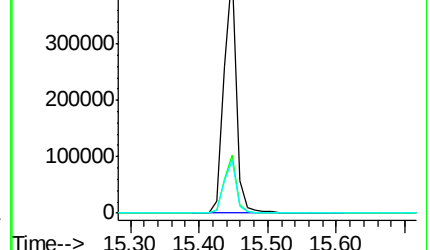
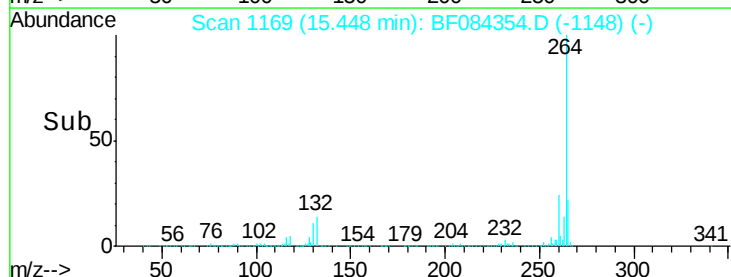
265 21.6 17.8 26.6

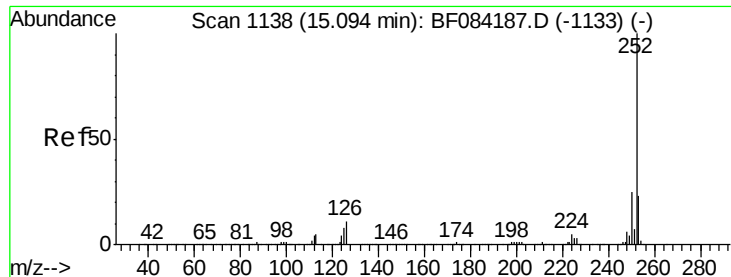


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

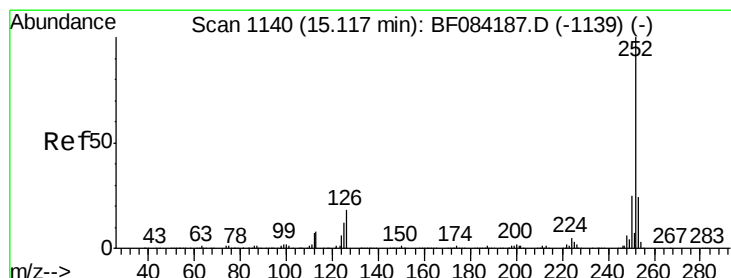
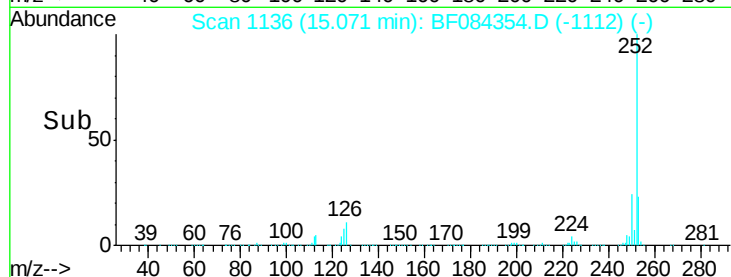
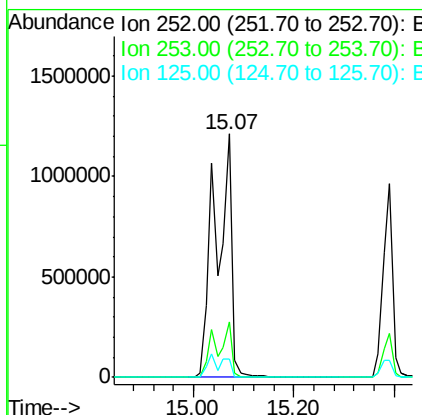
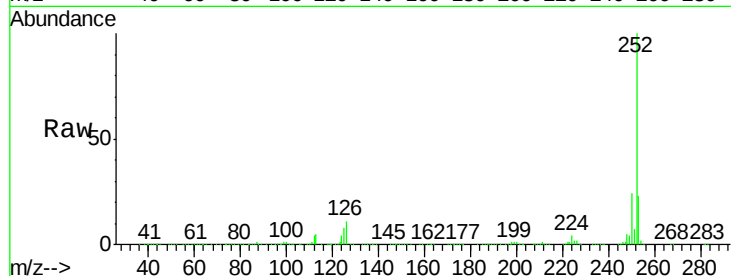




#87
Benzo(b)fluoranthene
Concen: 76.55 ng
RT: 15.07 min Scan# 1136
Delta R.T. -0.02 min
Lab File: BF084354.D
Acq: 10 Jan 2016 10:13

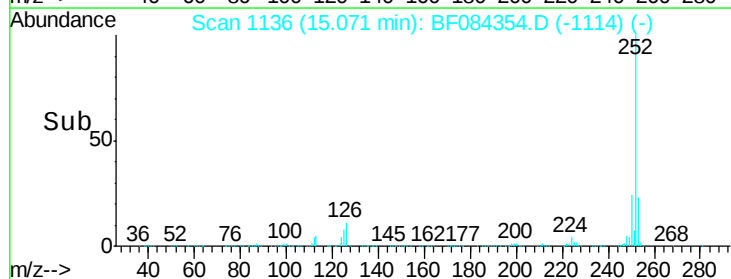
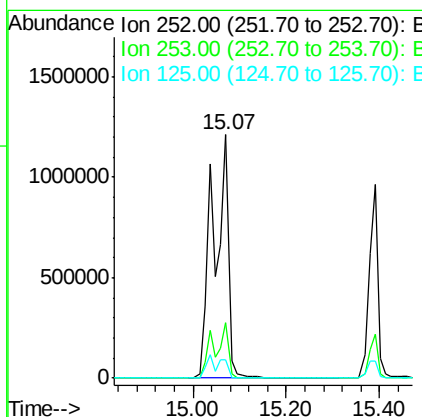
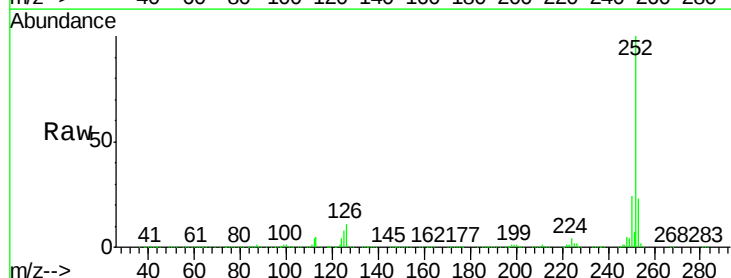
Instrument :
BNA_F
ClientSampleId :

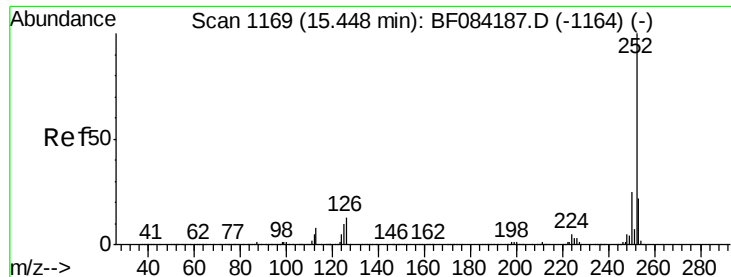
Tot Ion:252 Resp: 2740670
Ion Ratio Lower Upper
252 100
253 22.5 17.3 25.9
125 7.6 6.5 9.7



#88
Benzo(k)fluoranthene
Concen: 93.65 ng
RT: 15.07 min Scan# 1136
Delta R.T. -0.05 min
Lab File: BF084354.D
Acq: 10 Jan 2016 10:13

Tgt Ion:252 Resp: 2742131
Ion Ratio Lower Upper
252 100
253 22.5 18.1 27.1
125 7.6 9.0 13.6#

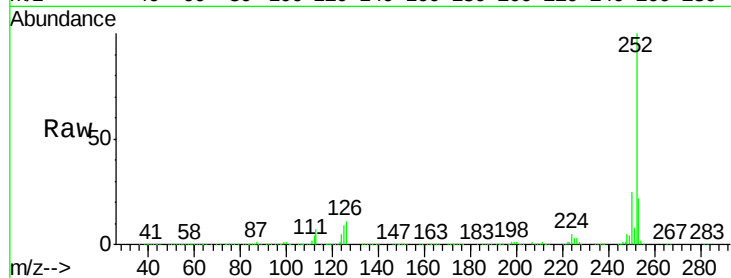




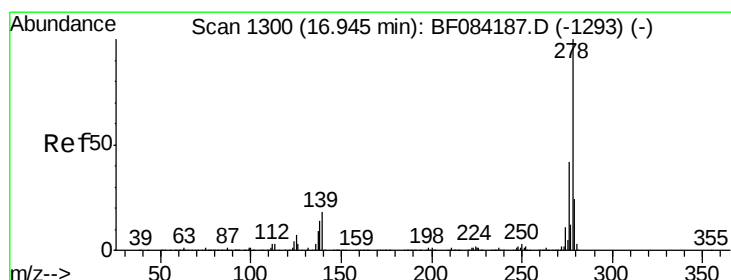
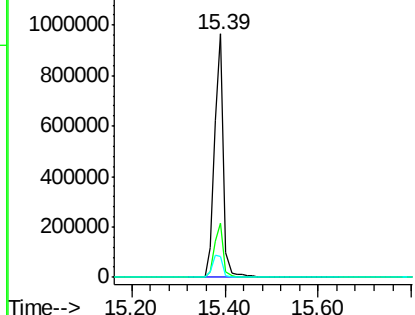
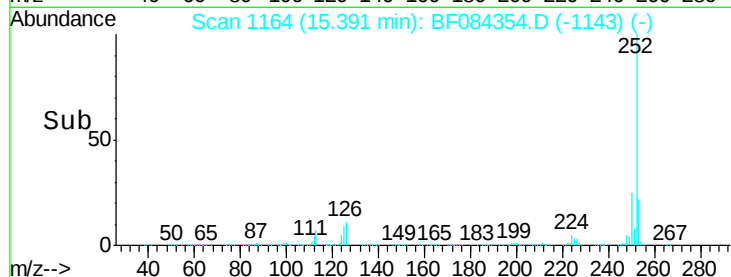
#89
Benzo(a)pyrene
Concen: 42.27 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.06 min
Lab File: BF084354.D
Acq: 10 Jan 2016 10:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1283752
Ion Ratio Lower Upper
252 100
253 22.4 17.3 25.9
125 8.7 7.0 10.4

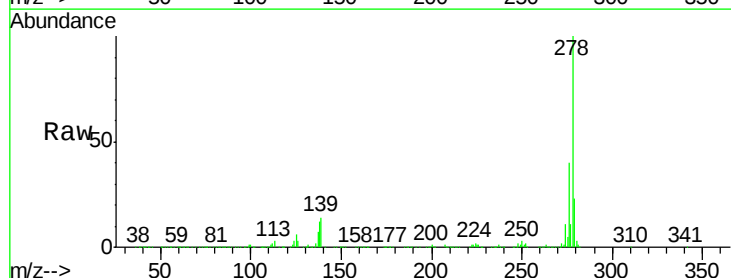


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

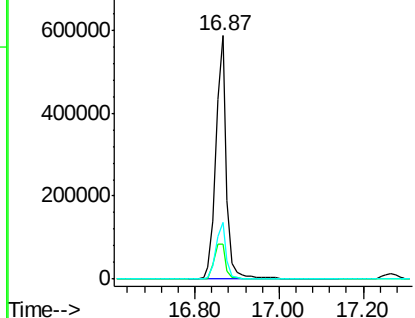
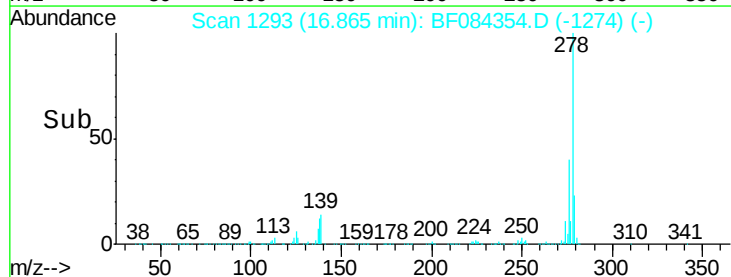


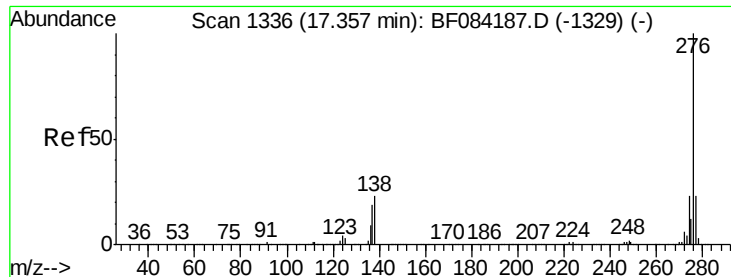
#90
Dibenzo(a,h)anthracene
Concen: 39.53 ng
RT: 16.87 min Scan# 1293
Delta R.T. -0.08 min
Lab File: BF084354.D
Acq: 10 Jan 2016 10:13

Tgt Ion:278 Resp: 1032949
Ion Ratio Lower Upper
278 100
139 14.2 15.0 22.4#
279 23.5 18.9 28.3



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

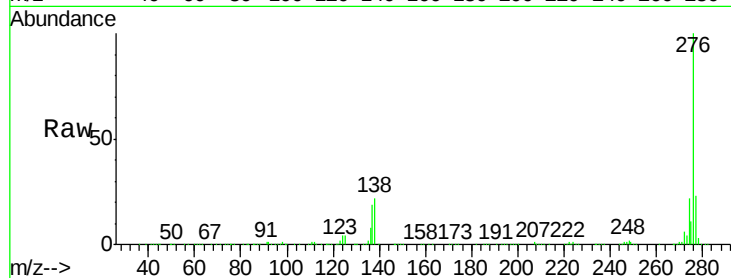




#91
 Benzo(a,h,i)perylene
 Concen: 38.27 ng
 RT: 17.27 min Scan# 1328
 Delta R.T. -0.09 min
 Lab File: BF084354.D
 Acq: 10 Jan 2016 10:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1035501
 Ion Ratio Lower Upper
 276 100
 277 23.3 18.8 28.2
 138 22.4 17.8 26.6



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

