

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050416\
 Data File : BF086672.D
 Acq On : 4 May 2016 12:45
 Operator : UM/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 04 13:29:09 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 13:25:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	156249	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	646066	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	309790	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	538175	20.00	ng	0.00
75) Chrysene-d12	13.88	240	342369	20.00	ng	0.00
86) Perylene-d12	15.27	264	285771	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	794296	87.68	ng	0.00
7) Phenol-d6	6.37	99	1026891	81.22	ng	0.00
23) Nitrobenzene-d5	7.31	82	1016853	84.84	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	258614	79.16	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1515447	82.79	ng	0.00
78) Terphenyl-d14	12.84	244	1461118	94.02	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.26	88	196293	41.25	ng	# 76
3) Pyridine	2.93	79	523357	46.47	ng	# 65
4) n-Nitrosodimethylamine	2.89	42	298160	46.45	ng	# 54
6) Aniline	6.40	93	635462	41.54	ng	# 53
8) 2-Chlorophenol	6.52	128	461502	40.90	ng	96
9) Benzaldehyde	6.28	77	223391	30.37	ng	98
10) Phenol	6.40	94	568290	40.29	ng	# 45
11) bis(2-Chloroethyl)ether	6.48	93	453837	37.22	ng	86
12) 1,3-Dichlorobenzene	6.91	146	439412	36.21	ng	97
13) 1,4-Dichlorobenzene	6.91	146	454138	36.27	ng	96
14) 1,2-Dichlorobenzene	6.91	146	459084	39.98	ng	99
15) Benzyl Alcohol	6.89	79	349740	43.73	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.02	45	928837	38.05	ng	88
17) 2-Methylphenol	7.00	107	353924	38.81	ng	# 93
18) Hexachloroethane	7.25	117	189959	40.60	ng	# 87
19) n-Nitroso-di-n-propylamine	7.16	70	317636	38.01	ng	# 70
20) 3+4-Methylphenols	7.16	107	434246	41.71	ng	# 82
22) Acetophenone	7.15	105	621958	43.90	ng	# 90
24) Nitrobenzene	7.32	77	501893	40.71	ng	94
25) Isophorone	7.57	82	930812	40.35	ng	95
26) 2-Nitrophenol	7.64	139	236997	41.75	ng	# 77
27) 2,4-Dimethylphenol	7.69	122	398737	40.03	ng	90
28) bis(2-Chloroethoxy)methane	7.78	93	482467	38.39	ng	98
29) 2,4-Dichlorophenol	7.89	162	345824	41.15	ng	92
30) 1,2,4-Trichlorobenzene	7.97	180	397108	40.73	ng	98
31) Naphthalene	8.04	128	1252162	38.09	ng	99
32) Benzoic acid	7.80	122	145832	28.23	ng	# 83
33) 4-Chloroaniline	8.10	127	512279	41.61	ng	# 92
34) Hexachlorobutadiene	8.17	225	222184	40.65	ng	99
35) Caprolactam	8.48	113	109618	39.10	ng	# 52
36) 4-Chloro-3-methylphenol	8.59	107	417587	43.40	ng	96
37) 2-Methylnaphthalene	8.74	142	803444	41.42	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	354459	39.97	ng	99
40) Hexachlorocyclopentadiene	8.89	237	139333	31.62	ng	97

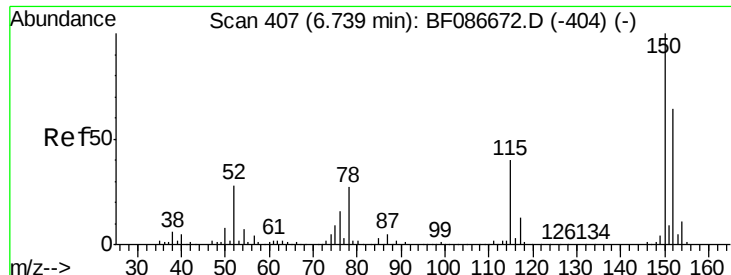
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050416\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	227081	40.51	nq	91
43) 2,4,5-Trichlorophenol	9.06	196	252172	41.28	nq	# 89
45) 1,1'-Biphenyl	9.21	154	1094971	42.29	nq	100
46) 2-Chloronaphthalene	9.23	162	795121	40.39	nq	99
47) 2-Nitroaniline	9.32	65	267232	42.33	nq	# 76
48) Acenaphthylene	9.64	152	1243082	40.39	nq	99
49) Dimethylphthalate	9.50	163	878808	37.68	nq	99
50) 2,6-Dinitrotoluene	9.57	165	207910	43.15	nq	# 82
51) Acenaphthene	9.81	154	769932	38.95	nq	99
52) 3-Nitroaniline	9.73	138	220676	40.27	nq	81
53) 2,4-Dinitrophenol	9.85	184	47072	21.84	nq	94
54) Dibenzofuran	9.98	168	985019	39.87	nq	99
55) 4-Nitrophenol	9.90	139	138102	38.49	nq	# 78
56) 2,4-Dinitrotoluene	9.97	165	261480	42.57	nq	89
57) Fluorene	10.33	166	818271	38.15	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	180068	37.70	nq	98
59) Diethylphthalate	10.20	149	840740	38.08	nq	99
60) 4-Chlorophenyl-phenylether	10.32	204	355066	36.46	nq	99
61) 4-Nitroaniline	10.35	138	222487	41.54	nq	80
62) Azobenzene	10.48	77	956108	39.54	nq	88
64) 4,6-Dinitro-2-methylphenol	10.37	198	94377	29.87	nq	# 28
65) n-Nitrosodiphenylamine	10.44	169	712509	42.36	nq	99
66) 4-Bromophenyl-phenylether	10.81	248	228392	41.18	nq	91
67) Hexachlorobenzene	10.86	284	257427	40.10	nq	# 64
68) Atrazine	10.97	200	202301	40.05	nq	95
69) Pentachlorophenol	11.06	266	108556	32.08	nq	97
70) Phenanthrene	11.28	178	1110236	39.31	nq	99
71) Anthracene	11.33	178	1264578	41.96	nq	100
72) Carbazole	11.49	167	1099416	41.16	nq	99
73) Di-n-butylphthalate	11.82	149	1211018	40.02	nq	# 98
74) Fluoranthene	12.46	202	1227112	43.04	nq	95
76) Benzidine	12.59	184	339371	28.84	nq	97
77) Pyrene	12.69	202	1228172	49.78	nq	99
79) Butylbenzylphthalate	13.32	149	488693	45.74	nq	96
80) Benzo(a)anthracene	13.87	228	791723	43.37	nq	99
81) 3,3'-Dichlorobenzidine	13.85	252	616606	50.53	nq	# 96
82) Chrysene	13.92	228	881531	44.43	nq	100
83) Bis(2-ethylhexyl)phthalate	13.88	149	573707	43.26	nq	99
84) Di-n-octyl phthalate	14.49	149	829914	39.96	nq	# 86
85) Indeno(1,2,3-cd)pyrene	16.59	276	782812	53.25	nq	97
87) Benzo(b)fluoranthene	14.91	252	1336946	79.53	nq	# 96
88) Benzo(k)fluoranthene	14.91	252	1338966	76.36	nq	99
89) Benzo(a)pyrene	15.22	252	629931	39.69	nq	# 98
90) Dibenzo(a,h)anthracene	16.60	278	648168	49.90	nq	98
91) Benzo(g,h,i)perylene	16.99	276	681865	52.38	nq	# 91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

Instrument :

BNA_F

ClientSampleId :

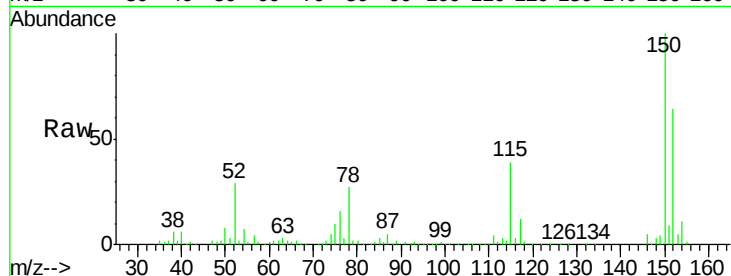
Tot Ion:152 Resp: 156249

Ion Ratio Lower Upper

152 100

150 156.0 125.8 188.6

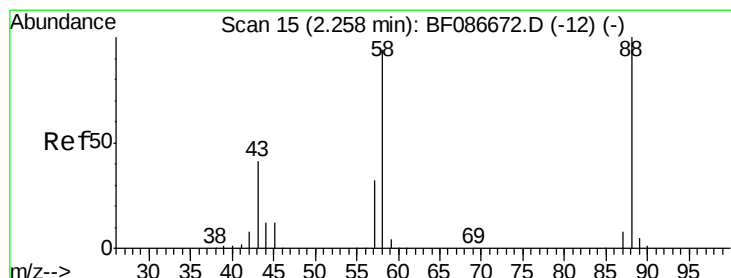
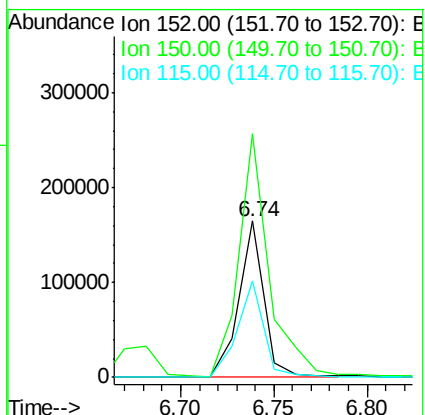
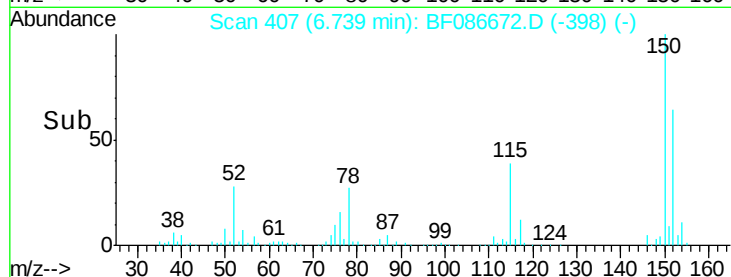
115 61.5 51.5 77.3



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: 41.25 ng

RT: 2.26 min Scan# 15

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

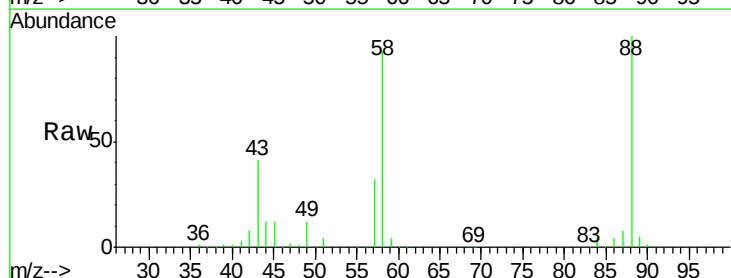
Tgt Ion: 88 Resp: 196293

Ion Ratio Lower Upper

88 100

58 93.7 59.6 89.4#

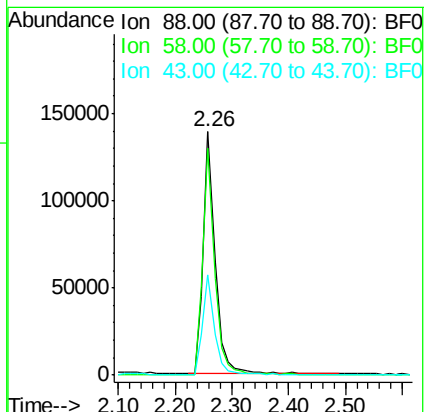
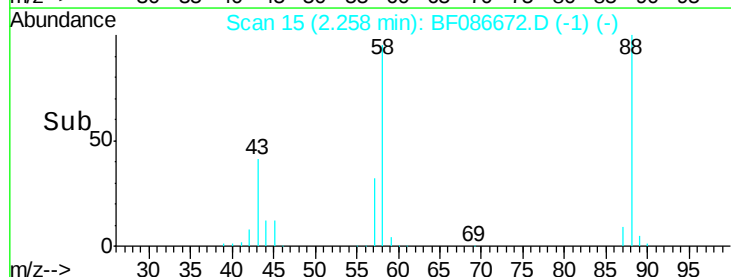
43 41.0 21.8 32.6#

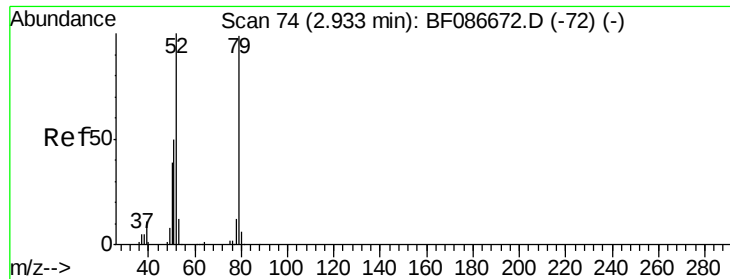


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

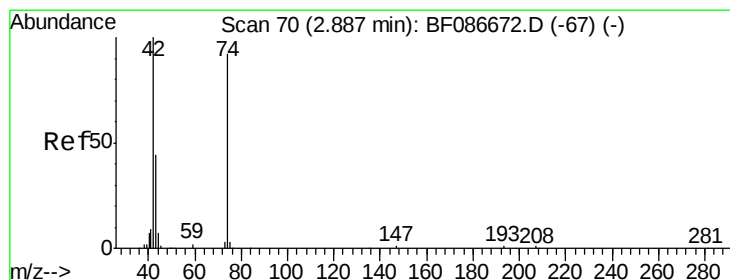
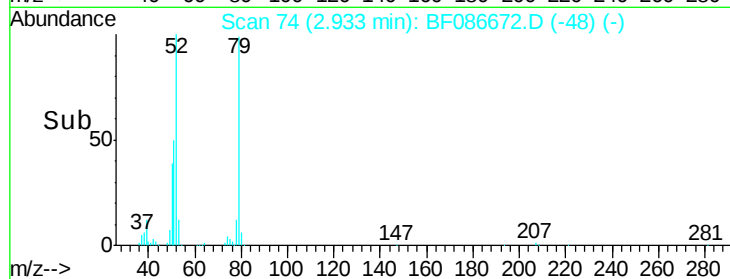
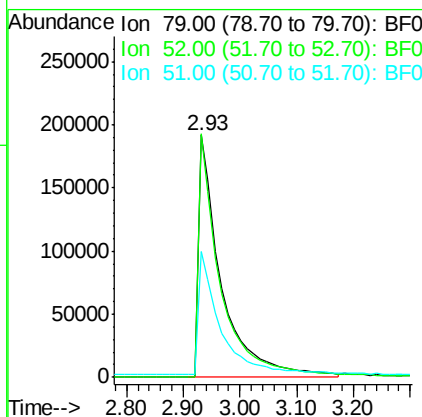
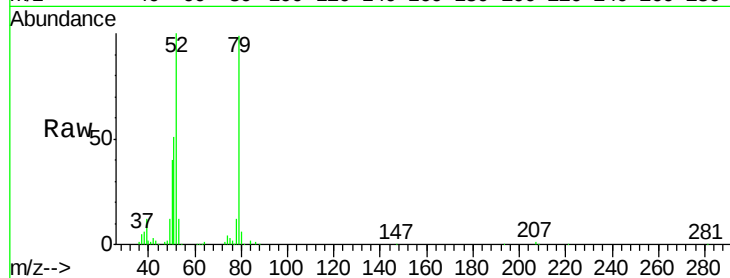




#3
 Pvridine
 Concen: 46.47 ng
 RT: 2.93 min Scan# 74
 Delta R.T. 0.00 min
 Lab File: BF086672.D
 Acq: 4 May 2016 12:45

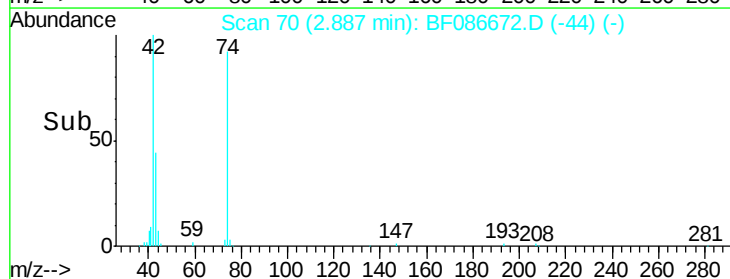
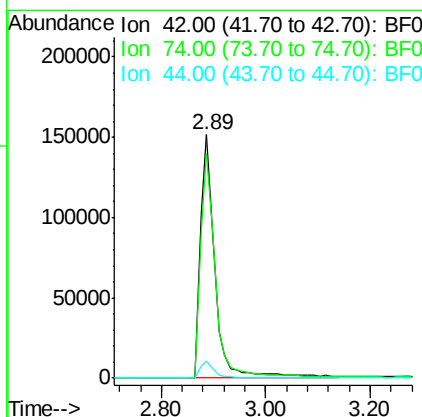
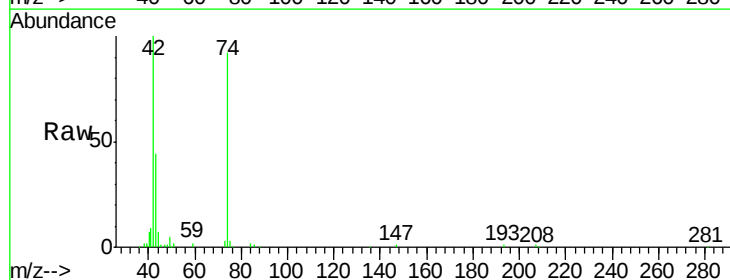
Instrument :
 BNA_F
 ClientSampleId :

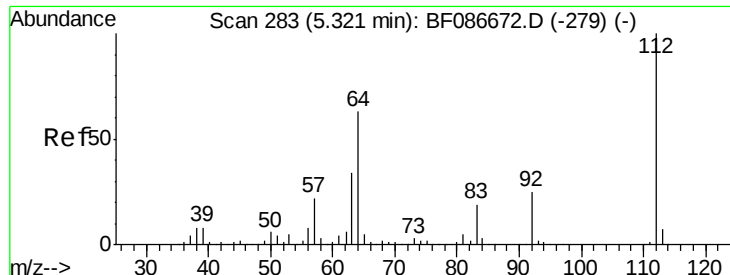
Tot Ion: 79 Resp: 523357
 Ion Ratio Lower Upper
 79 100
 52 100.6 55.9 83.9#
 51 51.8 28.1 42.1#



#4
 n-Nitrosodimethylamine
 Concen: 46.45 ng
 RT: 2.89 min Scan# 70
 Delta R.T. 0.00 min
 Lab File: BF086672.D
 Acq: 4 May 2016 12:45

Tgt Ion: 42 Resp: 298160
 Ion Ratio Lower Upper
 42 100
 74 92.4 123.4 185.0#
 44 6.9 5.8 8.6





#5

2-Fluorophenol

Concen: 87.68 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

Instrument :

BNA_F

ClientSampled :

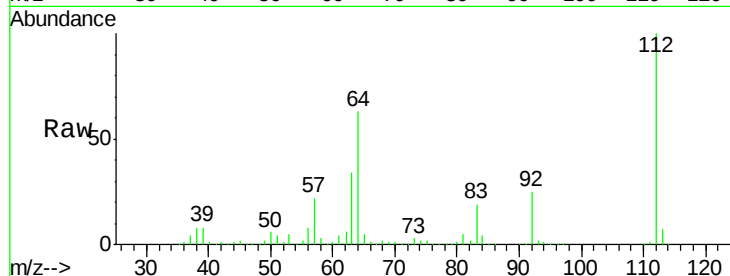
Tot Ion:112 Resp: 794296

Ion Ratio Lower Upper

112 100

64 63.4 52.1 78.1

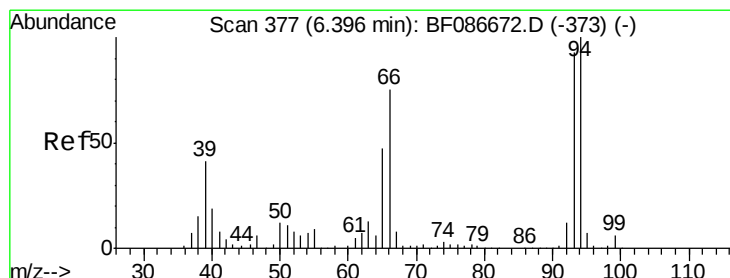
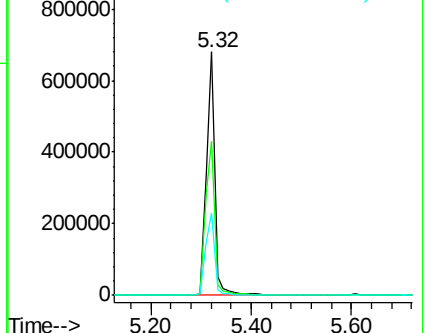
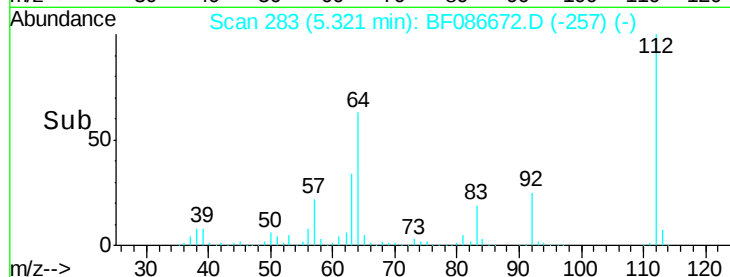
63 34.1 25.7 38.5



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: 41.54 ng

RT: 6.40 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

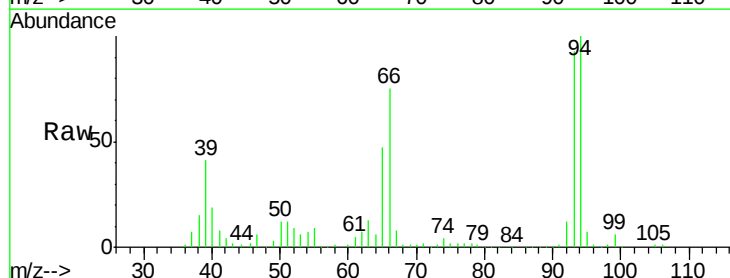
Tgt Ion: 93 Resp: 635462

Ion Ratio Lower Upper

93 100

66 80.3 39.0 58.6#

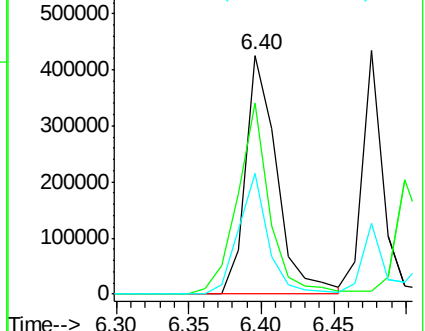
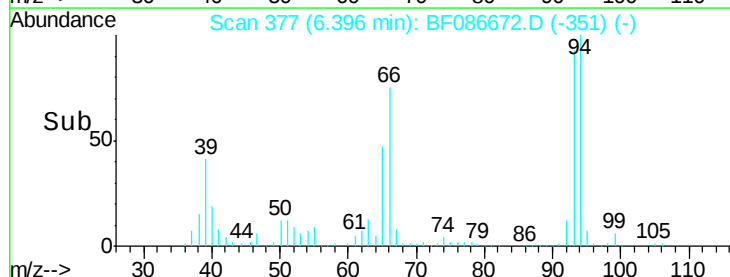
65 50.4 20.6 31.0#

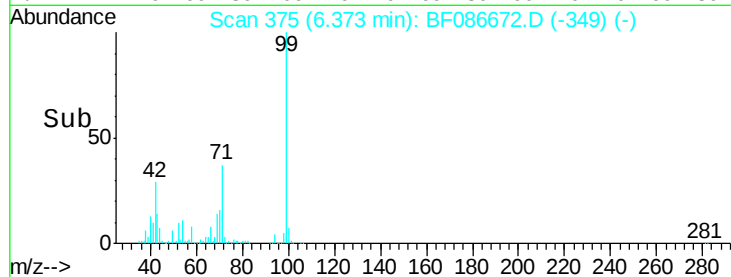
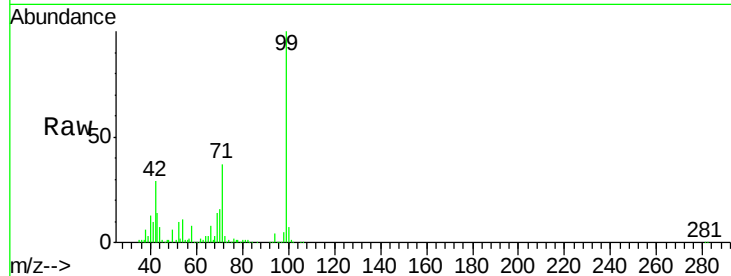
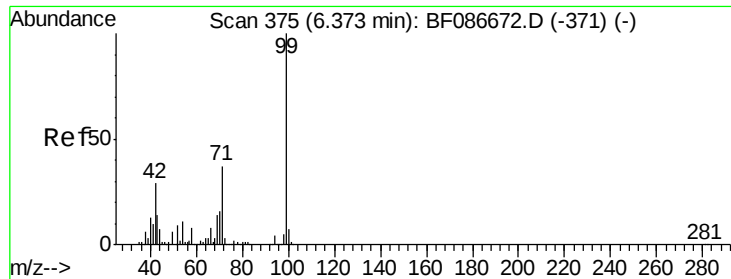


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 81.22 ng

RT: 6.37 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

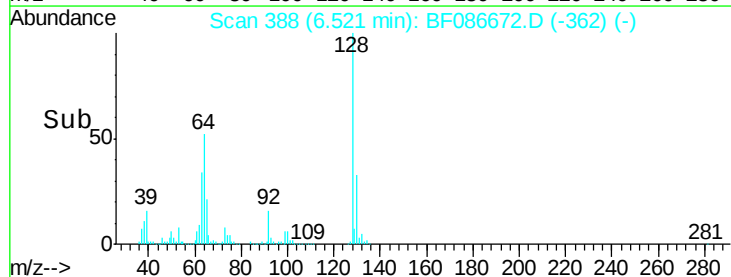
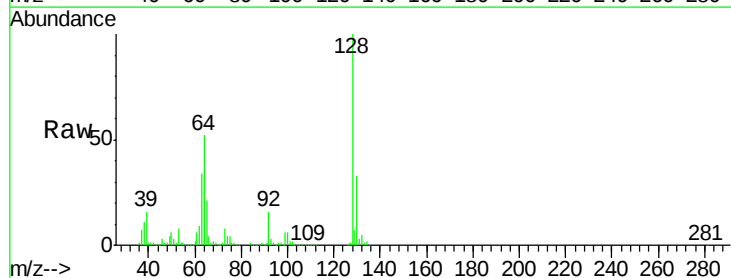
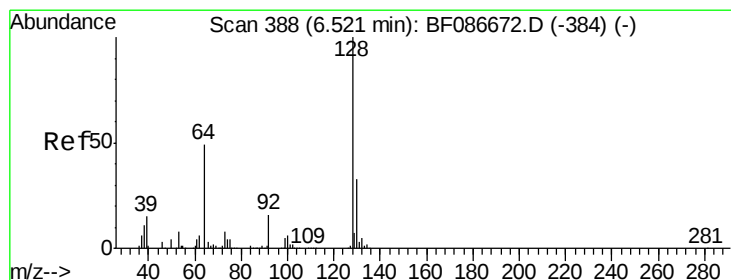
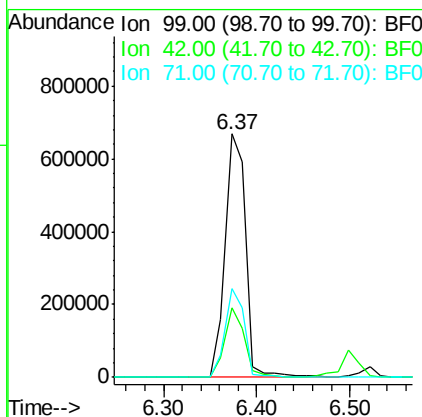
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1026891

Ion	Ratio	Lower	Upper
99	100		
42	28.6	13.6	20.4#
71	36.5	24.6	36.8



#8

2-Chlorophenol

Concen: 40.90 ng

RT: 6.52 min Scan# 388

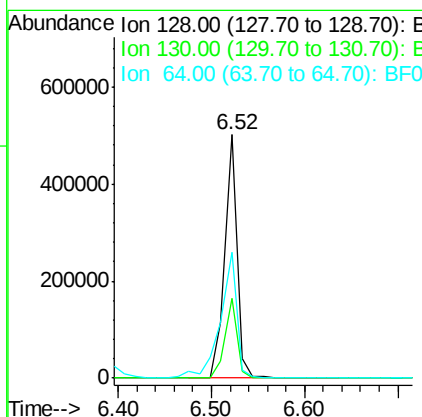
Delta R.T. 0.00 min

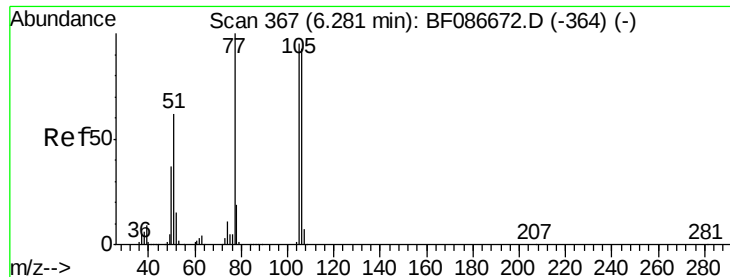
Lab File: BF086672.D

Acq: 4 May 2016 12:45

Tgt Ion: 128 Resp: 461502

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.5	52.5
64	51.8	27.3	67.3





#9

Benzaldehyde

Concen: 30.37 ng

RT: 6.28 min Scan# 367

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

Instrument :

BNA_F

ClientSampled :

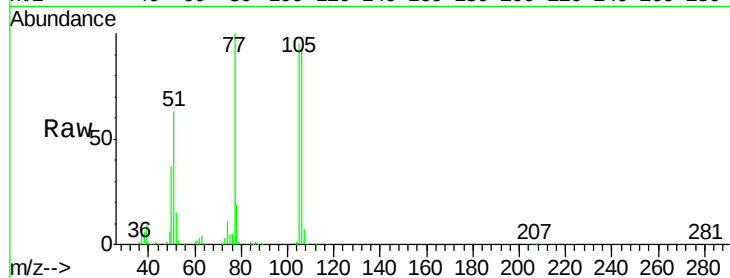
Tot Ion: 77 Resp: 223391

Ion Ratio Lower Upper

77 100

105 94.9 72.7 112.7

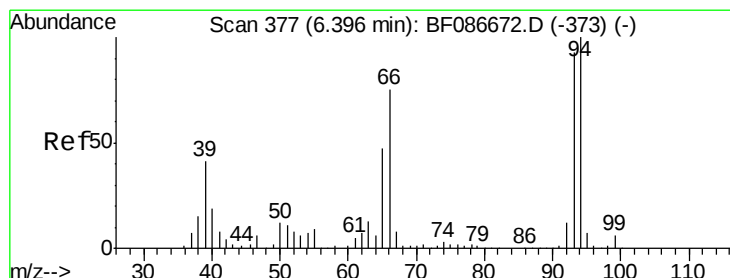
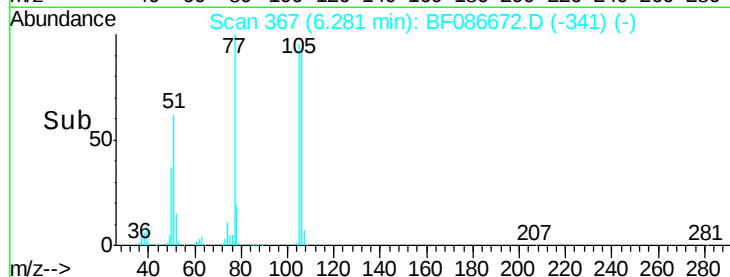
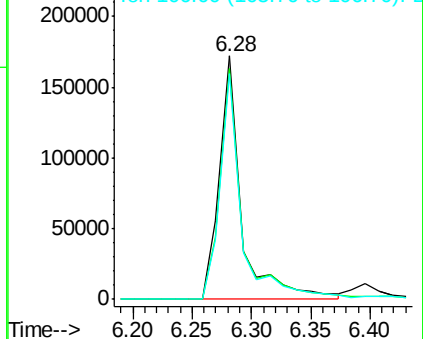
106 92.8 70.8 110.8



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: 40.29 ng

RT: 6.40 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

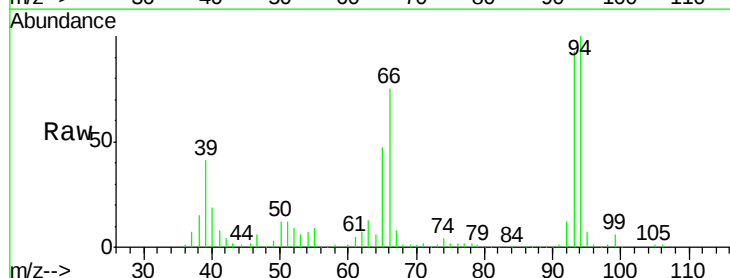
Tgt Ion: 94 Resp: 568290

Ion Ratio Lower Upper

94 100

65 46.8 7.2 47.2

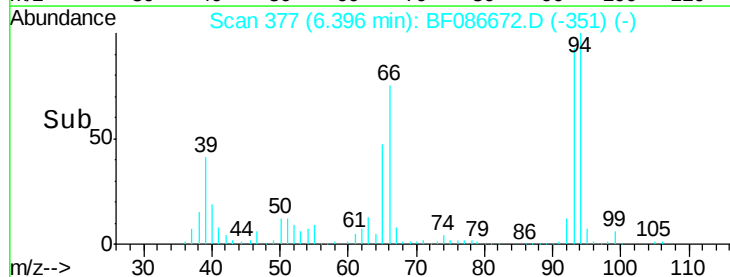
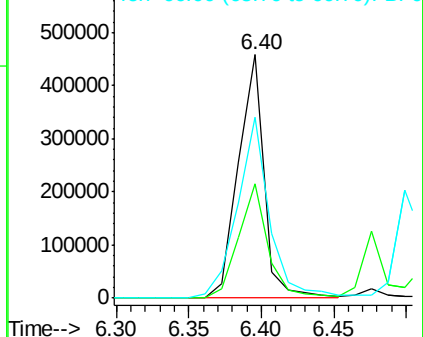
66 74.5 14.9 54.9#

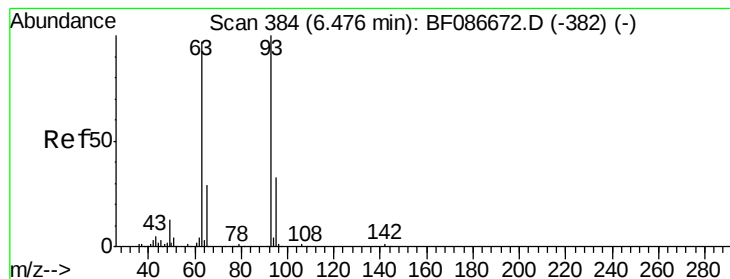


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 37.22 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

Instrument :

BNA_F

ClientSampleId :

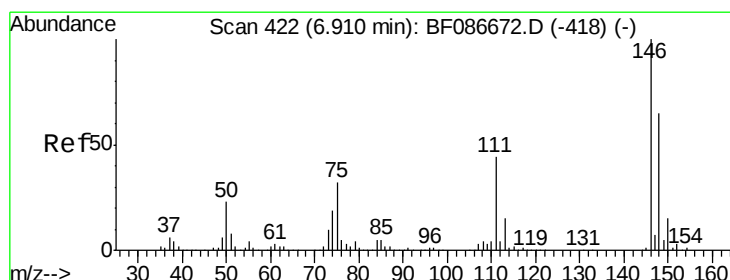
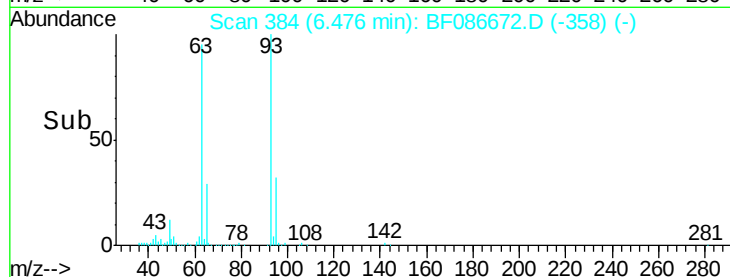
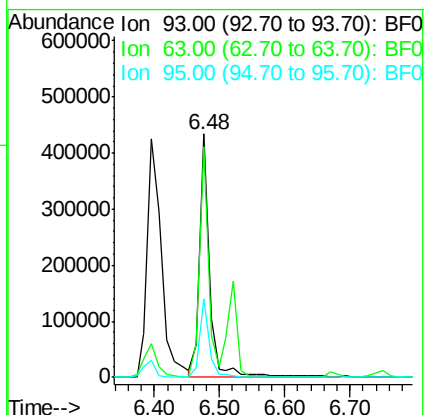
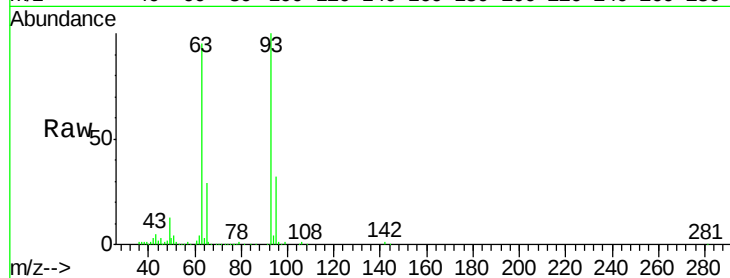
Tot Ion: 93 Resp: 453837

Ion Ratio Lower Upper

93 100

63 94.7 58.0 98.0

95 32.2 11.9 51.9



#12

1,3-Dichlorobenzene

Concen: 36.21 ng

RT: 6.91 min Scan# 422

Delta R.T. 0.24 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

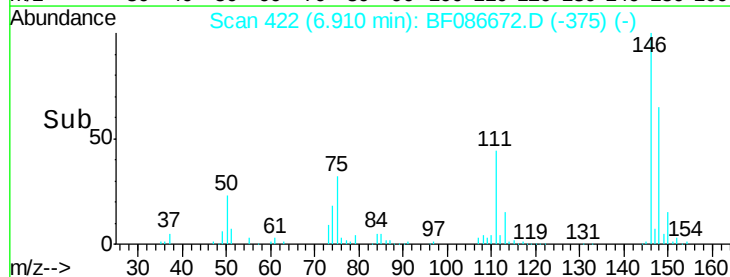
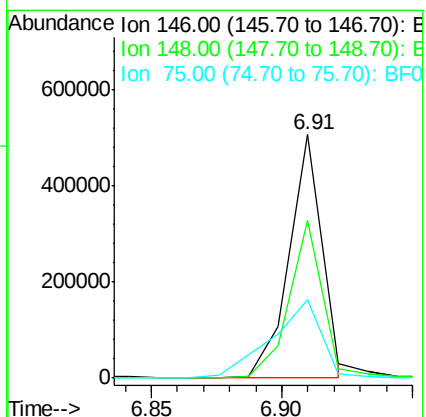
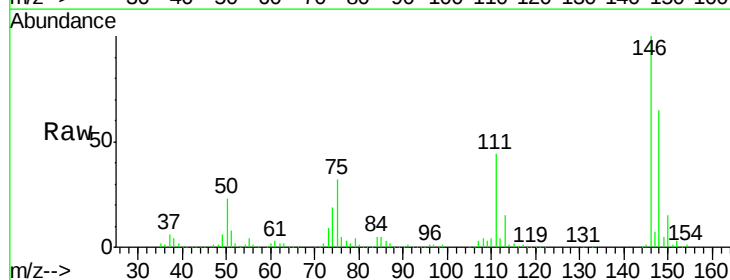
Tgt Ion: 146 Resp: 439412

Ion Ratio Lower Upper

146 100

148 64.7 52.4 78.6

75 32.1 22.8 34.2





#13

1,4-Dichlorobenzene

Concen: 36.27 ng

RT: 6.91 min Scan# 422

Delta R.T. 0.16 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

Instrument :

BNA_F

ClientSampleId :

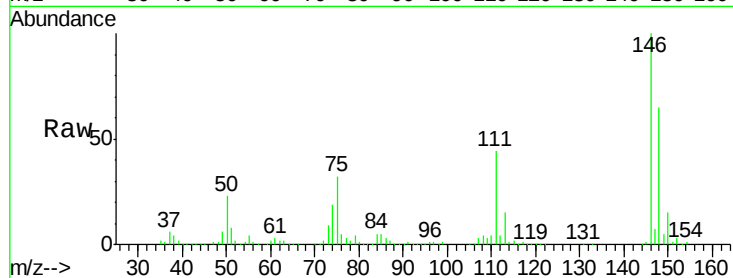
Tot Ion:146 Resp: 454138

Ion Ratio Lower Upper

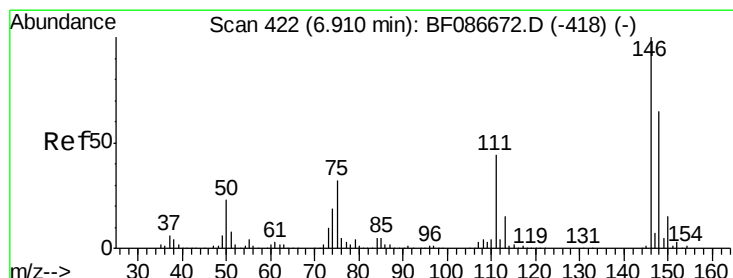
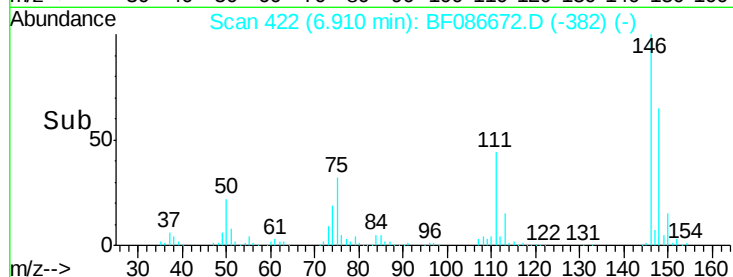
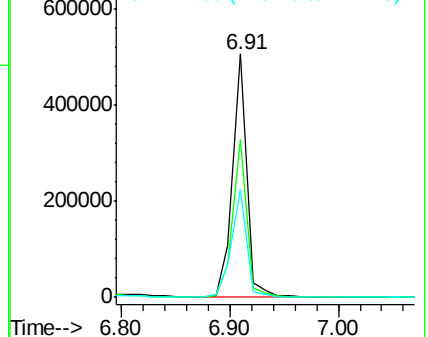
146 100

148 64.7 52.2 78.4

111 44.3 30.7 46.1



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: 39.98 ng

RT: 6.91 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

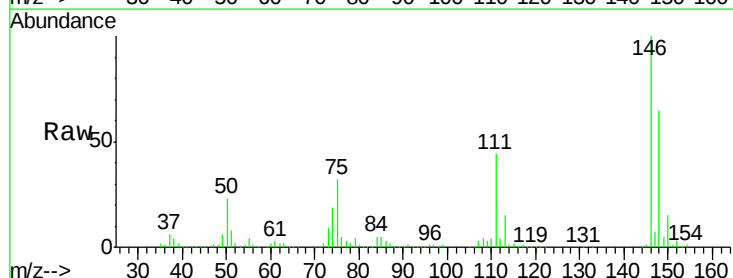
Tgt Ion:146 Resp: 459084

Ion Ratio Lower Upper

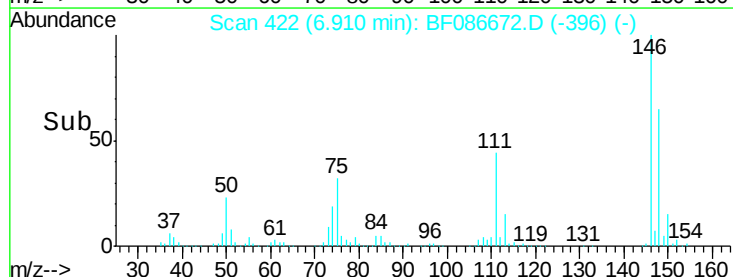
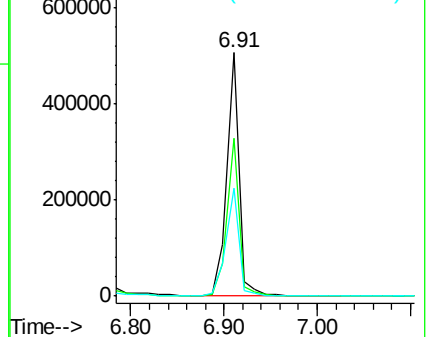
146 100

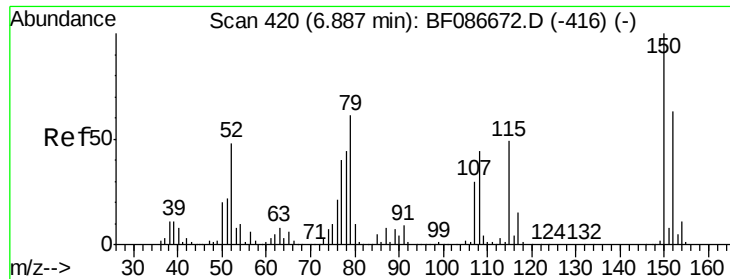
148 64.7 51.0 76.6

111 44.3 36.2 54.4



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





#15

Benzyl Alcohol

Concen: 43.73 ng

RT: 6.89 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

Instrument :

BNA_F

ClientSampleId :

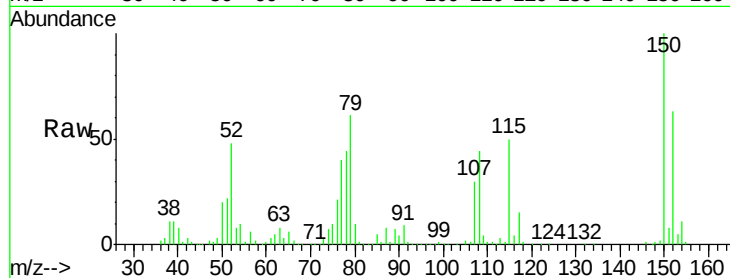
Tot Ion: 79 Resp: 349740

Ion Ratio Lower Upper

79 100

108 72.7 68.4 102.6

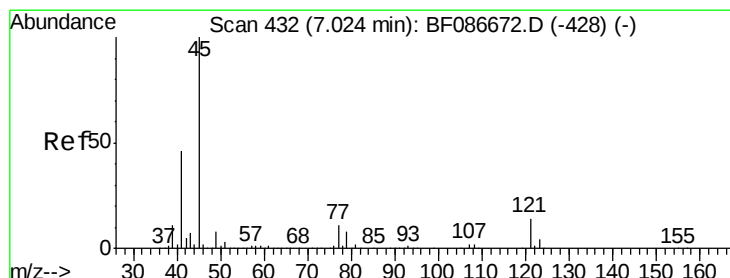
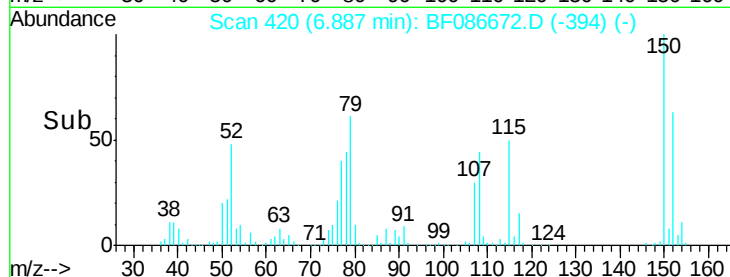
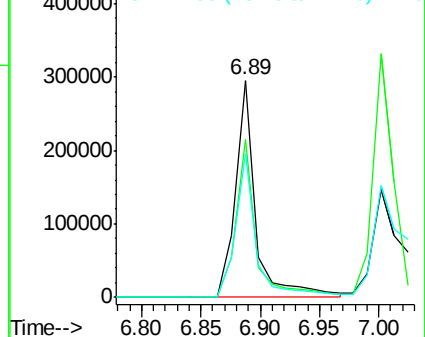
77 66.1 50.6 76.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.05 ng

RT: 7.02 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

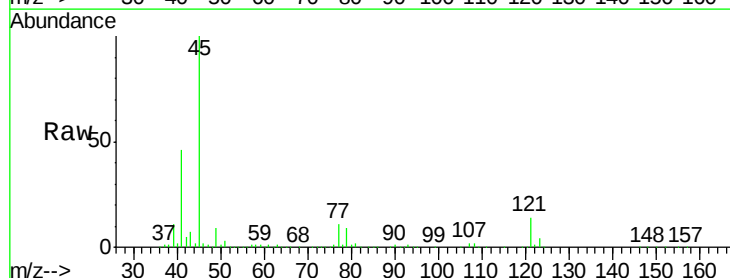
Tgt Ion: 45 Resp: 928837

Ion Ratio Lower Upper

45 100

77 11.1 0.0 36.4

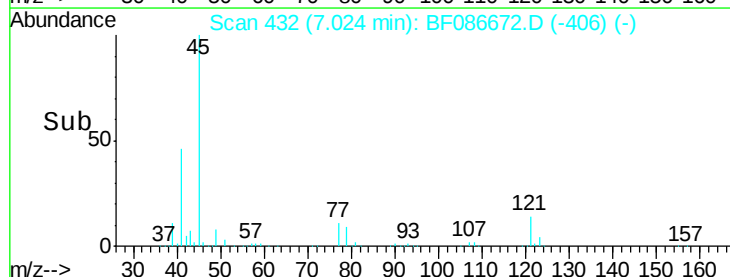
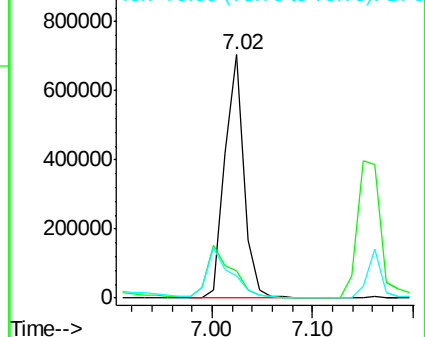
79 8.9 0.0 33.4

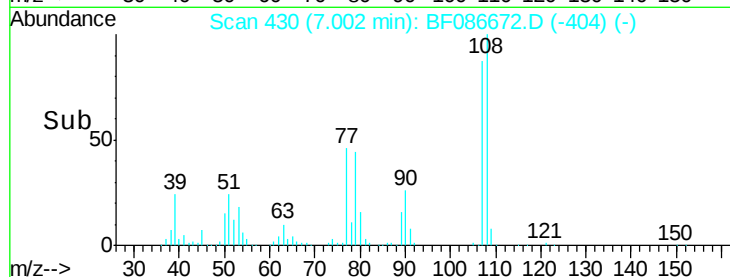
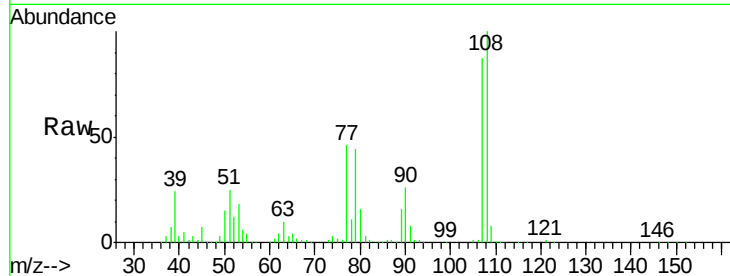
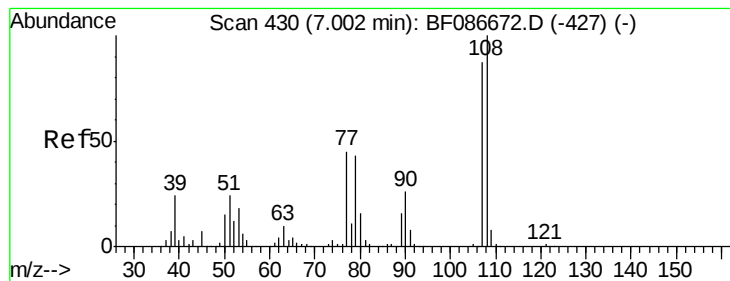


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 38.81 ng

RT: 7.00 min Scan# 430

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 353924

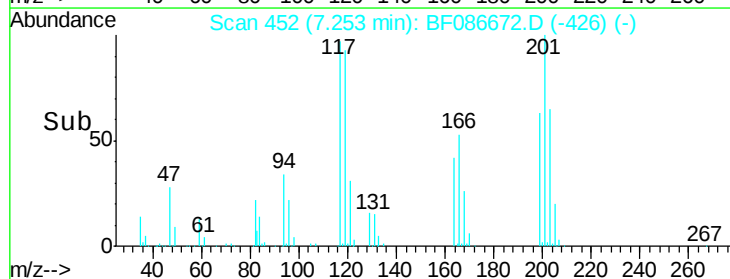
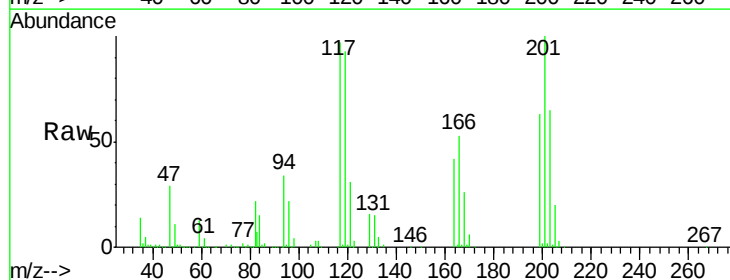
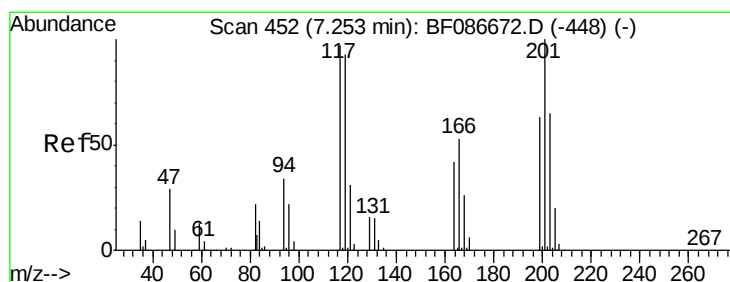
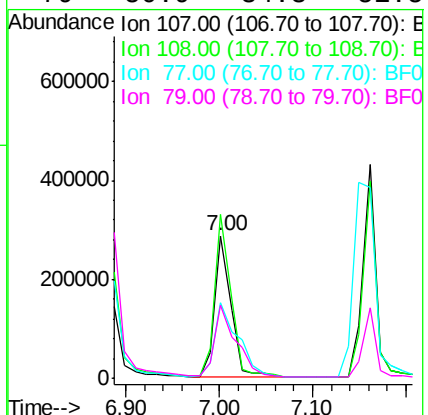
Ion Ratio Lower Upper

107 100

108 114.8 93.7 140.5

77 52.6 33.4 50.0#

79 50.9 34.3 51.5



#18

Hexachloroethane

Concen: 40.60 ng

RT: 7.25 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

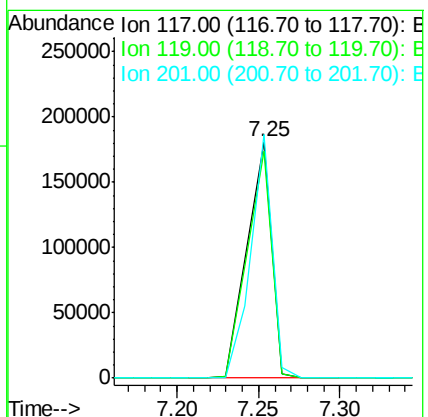
Tgt Ion:117 Resp: 189959

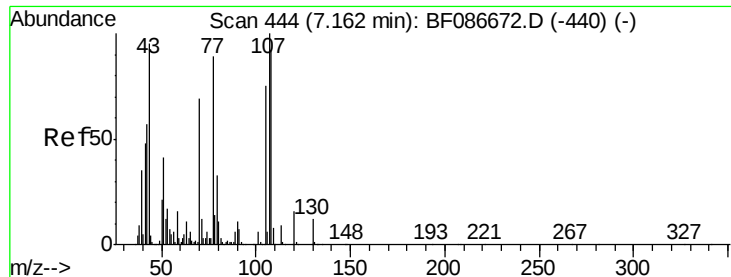
Ion Ratio Lower Upper

117 100

119 96.0 76.5 114.7

201 103.0 63.0 94.6#

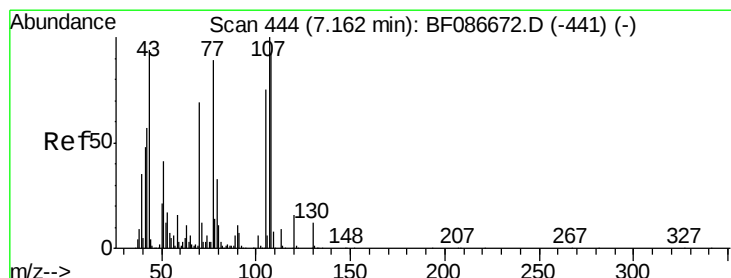
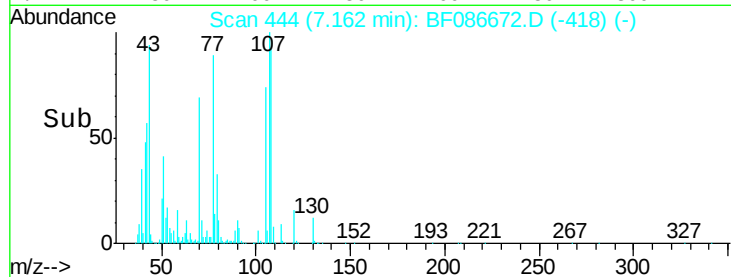
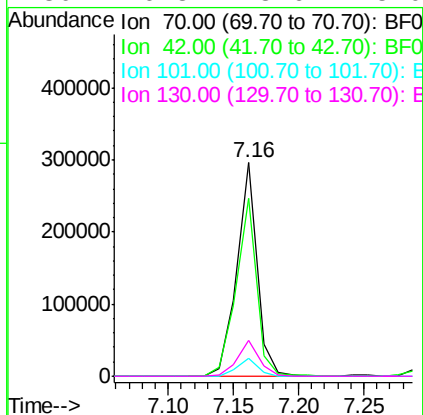
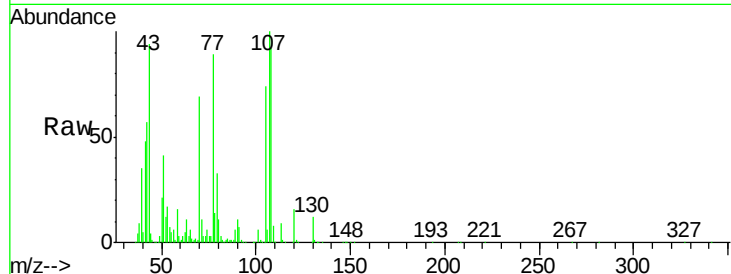




#19
n-Nitroso-di-n-propylamine
Concen: 38.01 ng
RT: 7.16 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF086672.D
Acq: 4 May 2016 12:45

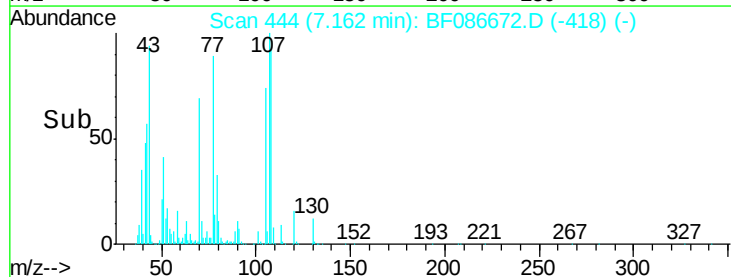
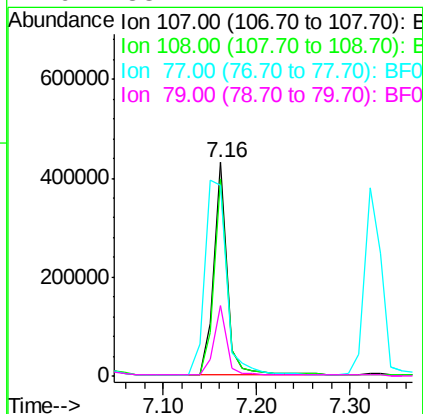
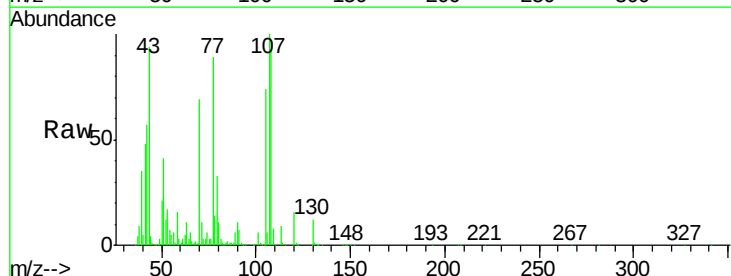
Instrument :
BNA_F
ClientSampleId :

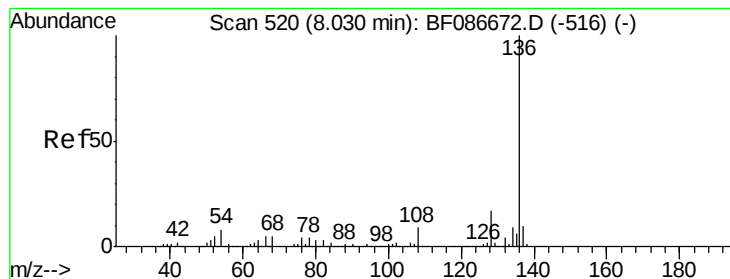
Tot Ion	Ratio	Lower	Upper
70	100		
42	83.6	43.1	64.7#
101	8.4	8.1	12.1
130	16.8	18.6	28.0#



#20
3+4-Methylphenols
Concen: 41.71 ng
RT: 7.16 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF086672.D
Acq: 4 May 2016 12:45

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.2	68.5	108.5
77	89.1	101.6	141.6#
79	33.1	7.4	47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 646066

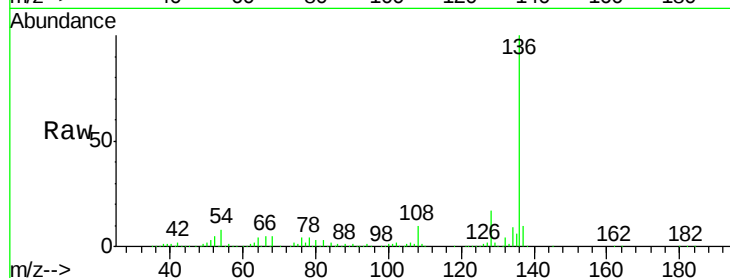
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 8.4 5.0 7.4#

68 5.0 4.4 6.6

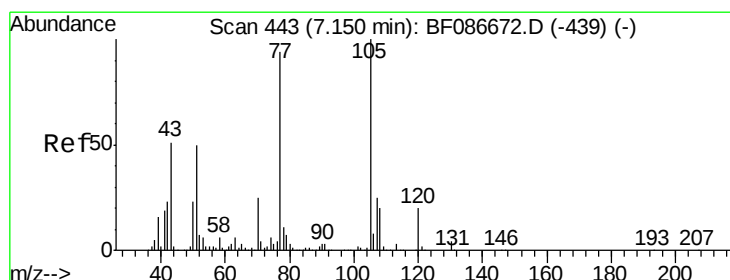
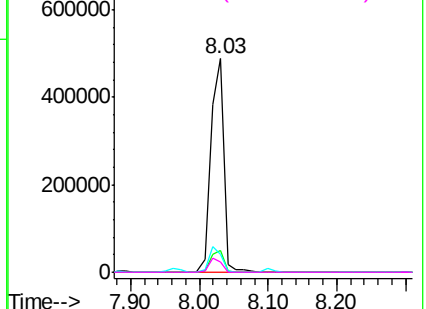
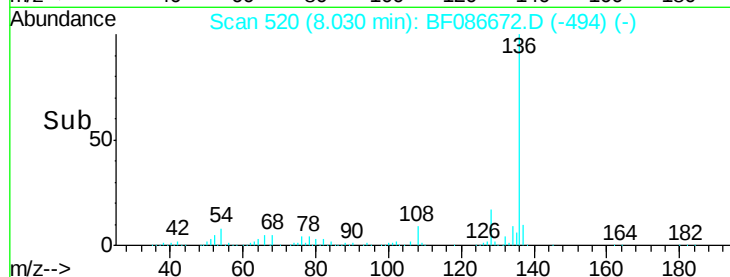


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 43.90 ng

RT: 7.15 min Scan# 443

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

Tgt Ion:105 Resp: 621958

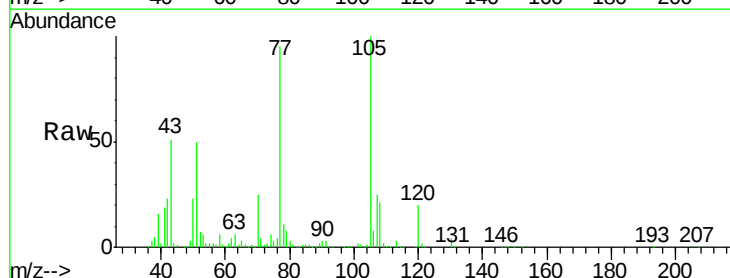
Ion Ratio Lower Upper

105 100

71 4.1 4.8 7.2#

51 50.2 32.6 49.0#

120 19.9 16.5 24.7

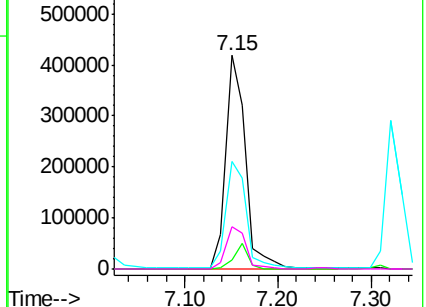
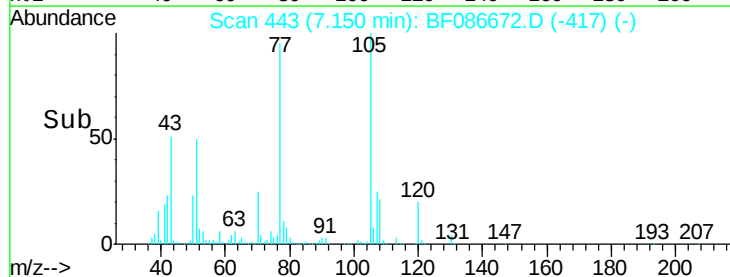


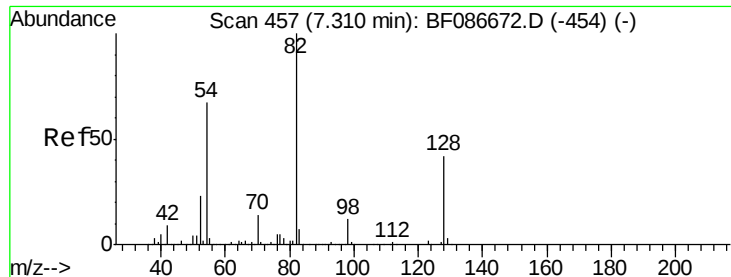
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

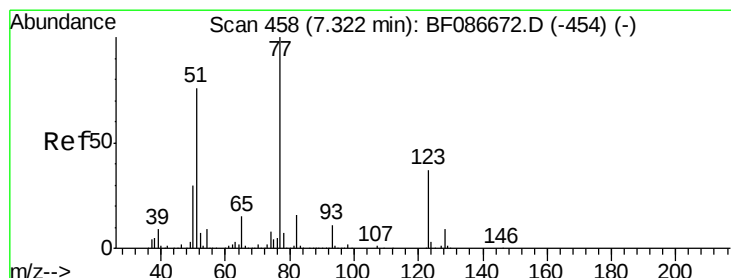
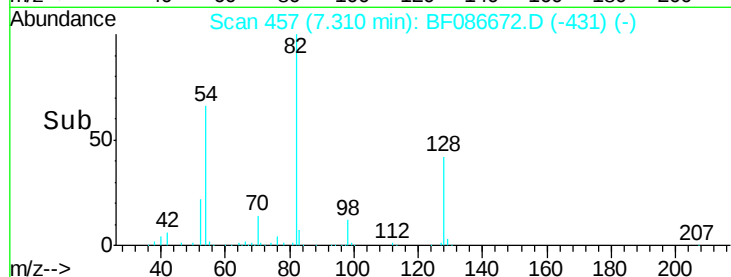
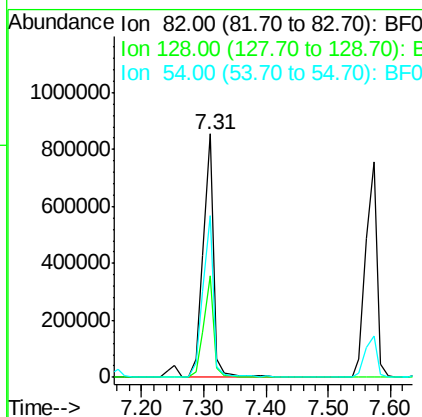
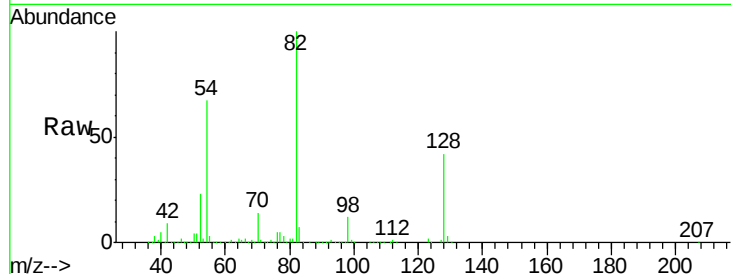




#23
Nitrobenzene-d5
Concen: 84.84 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF086672.D
Acq: 4 May 2016 12:45

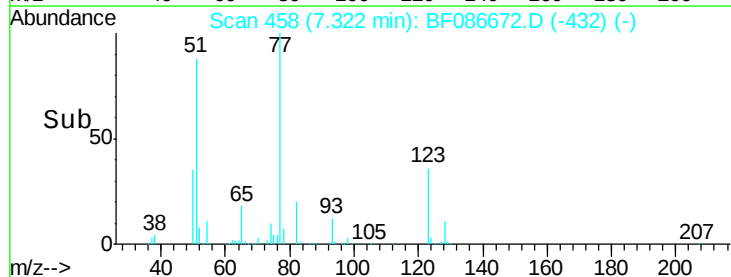
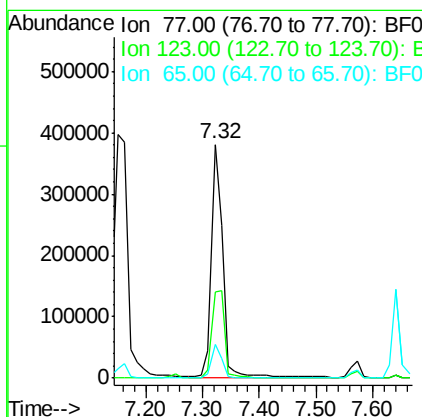
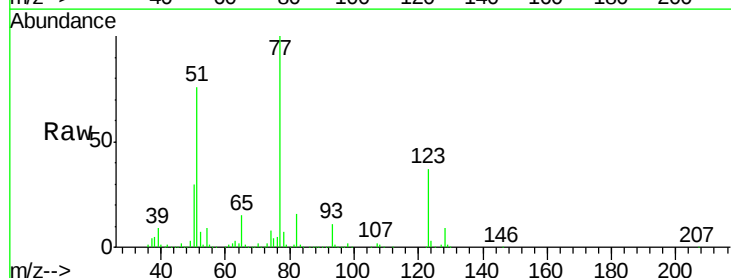
Instrument :
BNA_F
ClientSampleId :

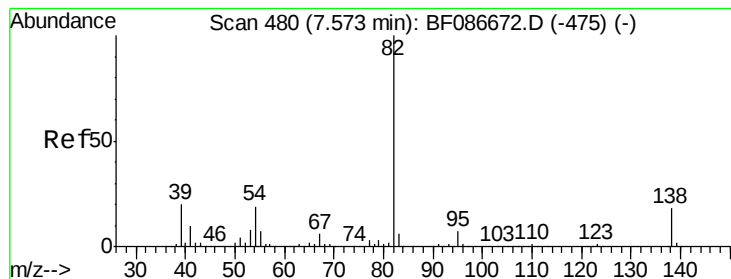
Tot Ion: 82 Resp: 1016853
Ion Ratio Lower Upper
82 100
128 41.8 40.6 61.0
54 66.6 38.1 57.1#



#24
Nitrobenzene
Concen: 40.71 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF086672.D
Acq: 4 May 2016 12:45

Tgt Ion: 77 Resp: 501893
Ion Ratio Lower Upper
77 100
123 37.0 33.0 49.4
65 14.6 10.8 16.2





#25

Isophorone

Concen: 40.35 ng

RT: 7.57 min Scan# 480

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

Instrument :

BNA_F

ClientSampled :

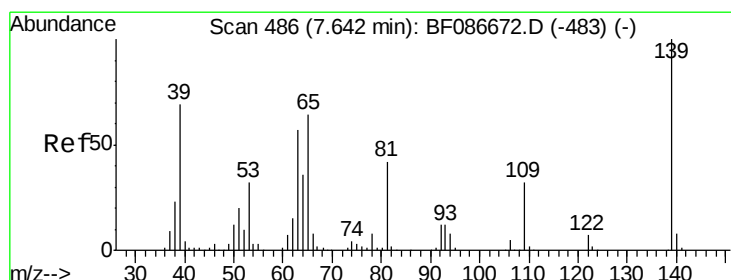
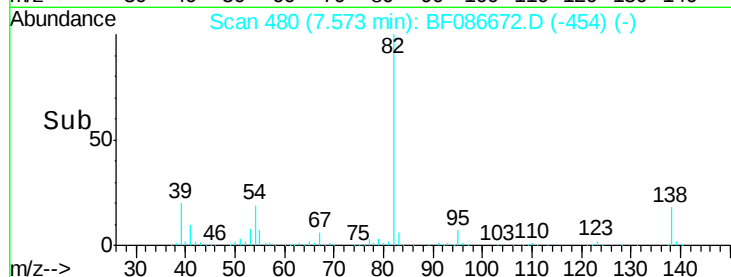
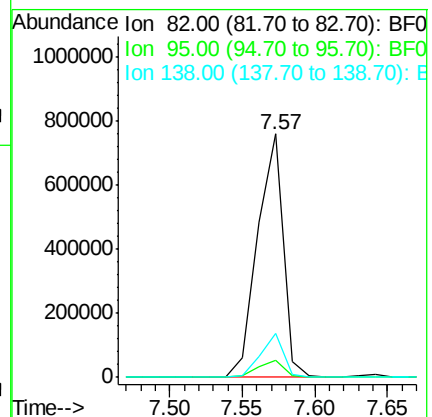
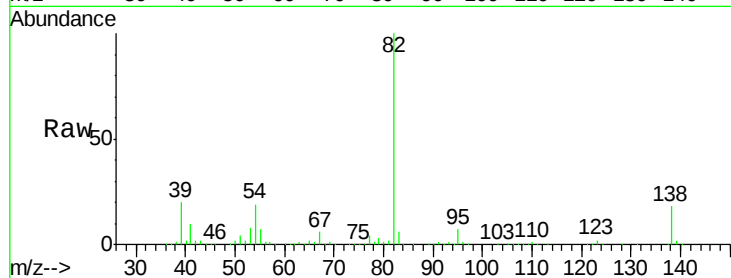
Tot Ion: 82 Resp: 930812

Ion Ratio Lower Upper

82 100

95 7.2 5.1 7.7

138 17.9 12.4 18.6



#26

2-Nitrophenol

Concen: 41.75 ng

RT: 7.64 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

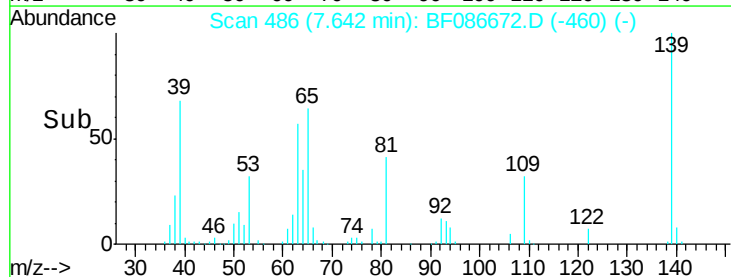
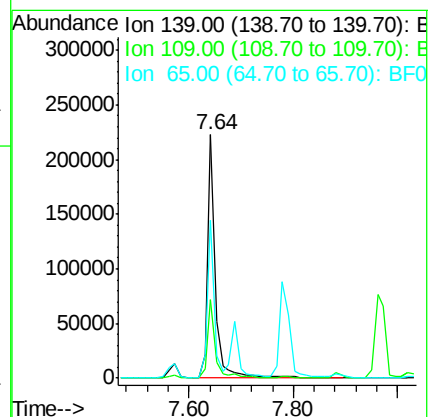
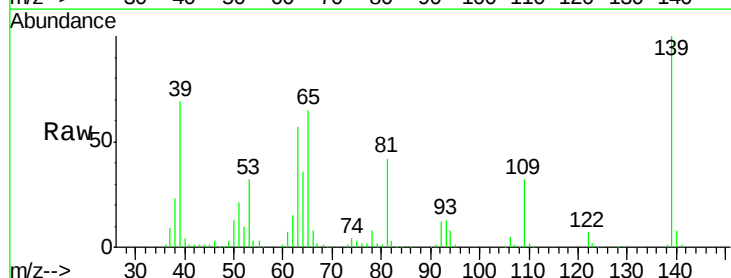
Tgt Ion: 139 Resp: 236997

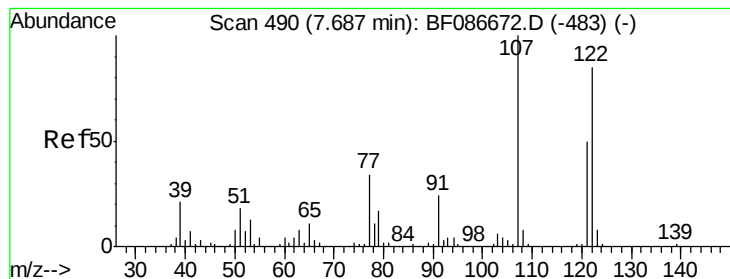
Ion Ratio Lower Upper

139 100

109 32.2 19.5 29.3#

65 64.8 37.5 56.3#





#27

2,4-Dimethylphenol

Concen: 40.03 ng

RT: 7.69 min Scan# 490

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

Instrument :

BNA_F

ClientSampleId :

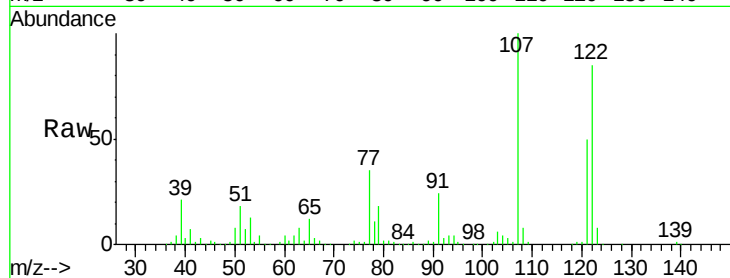
Tot Ion:122 Resp: 398737

Ion Ratio Lower Upper

122 100

107 117.6 82.0 123.0

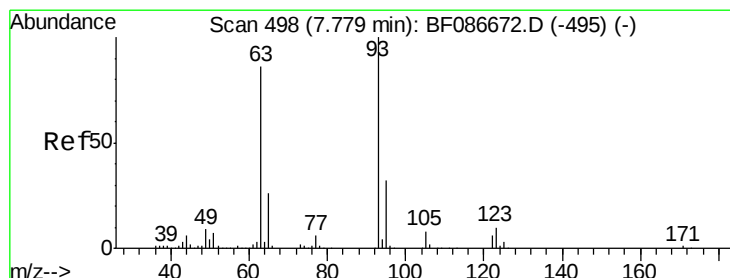
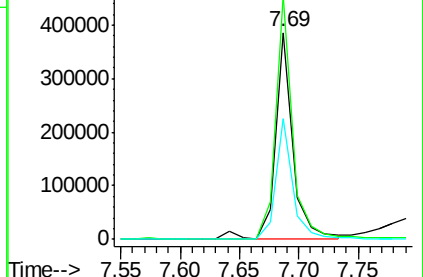
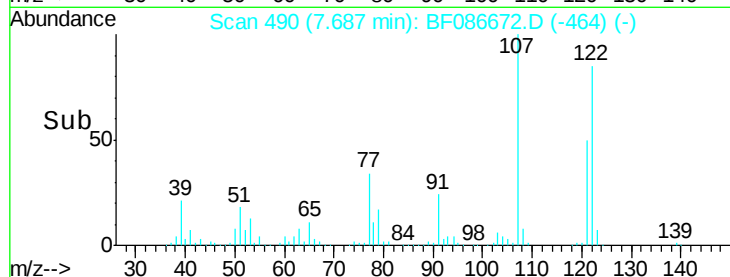
121 58.3 46.1 69.1



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: 38.39 ng

RT: 7.78 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

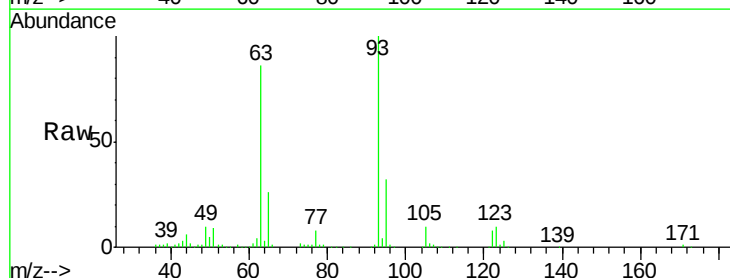
Tgt Ion: 93 Resp: 482467

Ion Ratio Lower Upper

93 100

95 32.0 26.0 39.0

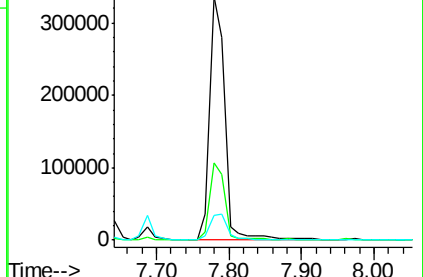
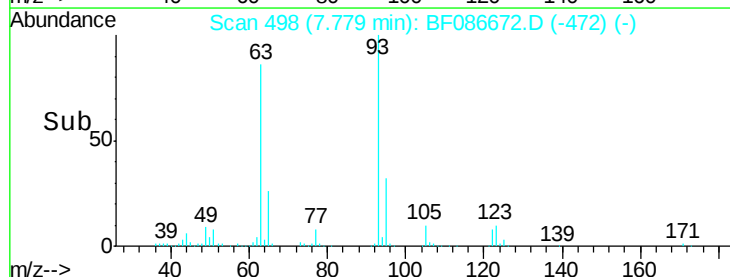
123 9.9 9.5 14.3

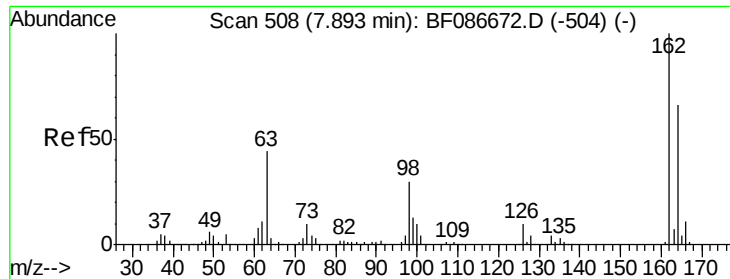


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

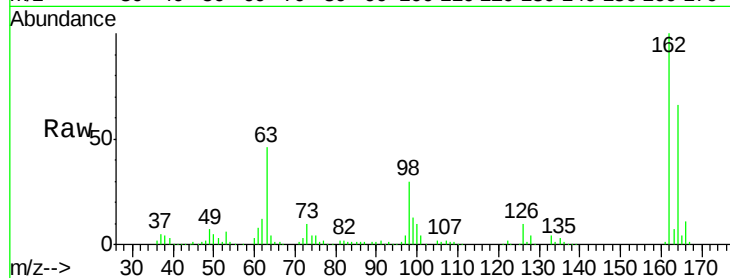




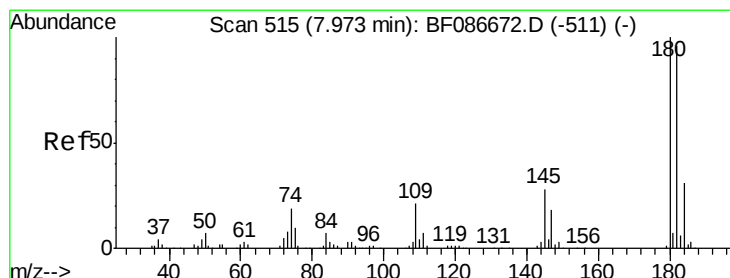
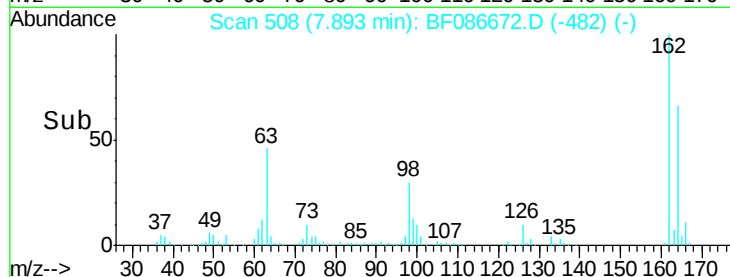
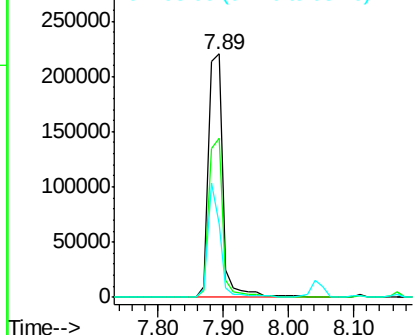
#29
 2,4-Dichlorophenol
 Concen: 41.15 ng
 RT: 7.89 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF086672.D
 Acq: 4 May 2016 12:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.5	42.2	82.2
98	30.4	19.0	59.0

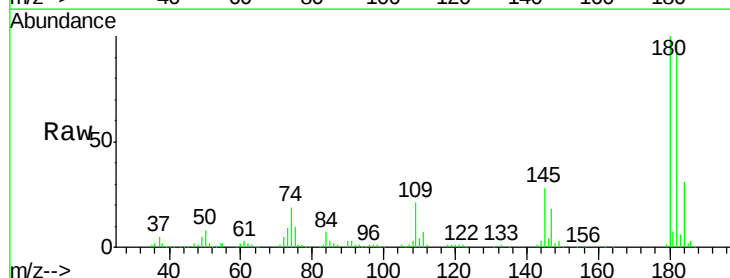


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

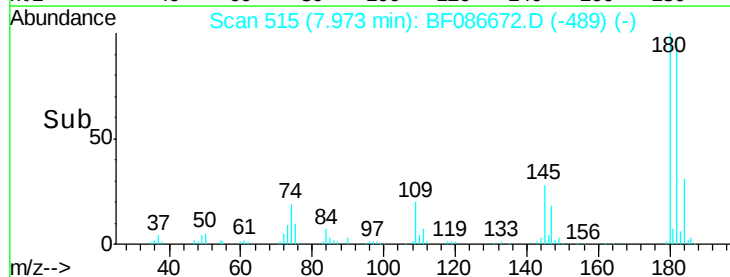
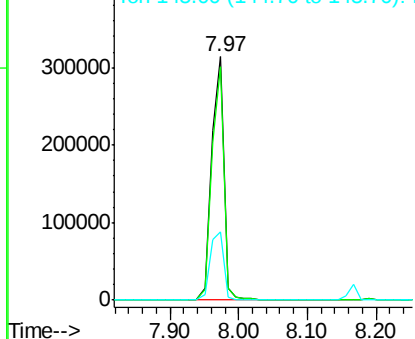


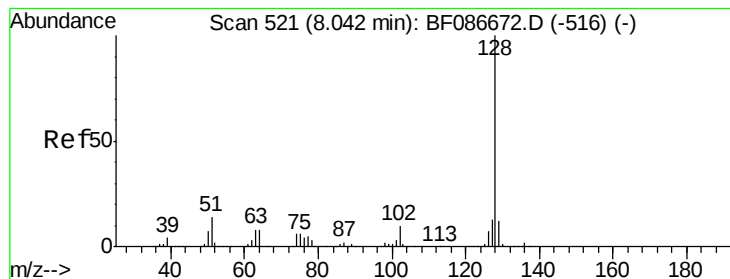
#30
 1,2,4-Trichlorobenzene
 Concen: 40.73 ng
 RT: 7.97 min Scan# 515
 Delta R.T. 0.00 min
 Lab File: BF086672.D
 Acq: 4 May 2016 12:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	78.0	117.0
145	28.0	24.2	36.2



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: 38.09 ng

RT: 8.04 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

Instrument :

BNA_F

ClientSampleId :

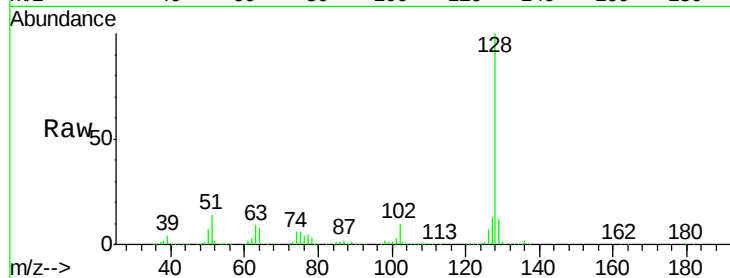
Tot Ion:128 Resp: 1252162

Ion Ratio Lower Upper

128 100

129 11.6 8.6 13.0

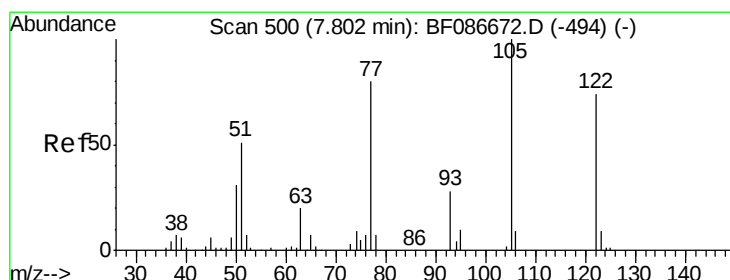
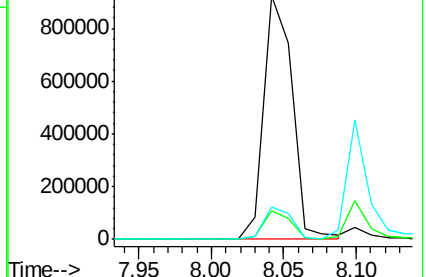
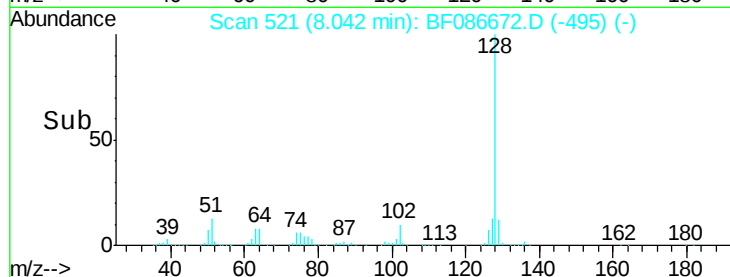
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 28.23 ng

RT: 7.80 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

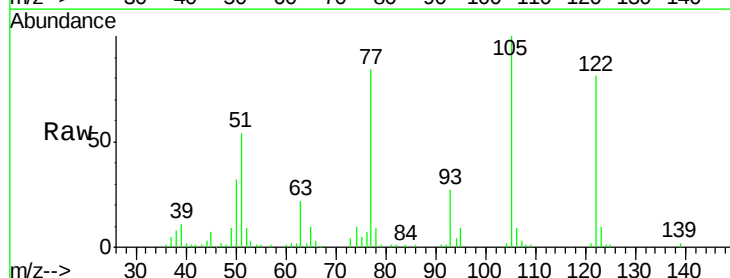
Tgt Ion:122 Resp: 145832

Ion Ratio Lower Upper

122 100

105 123.6 92.6 132.6

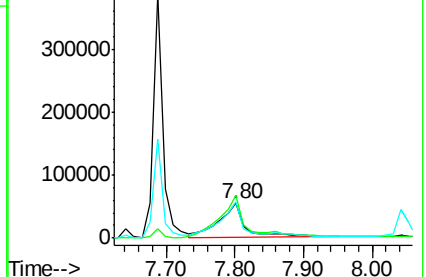
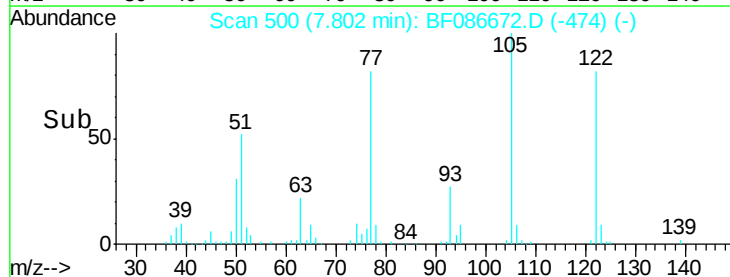
77 103.4 60.0 100.0#

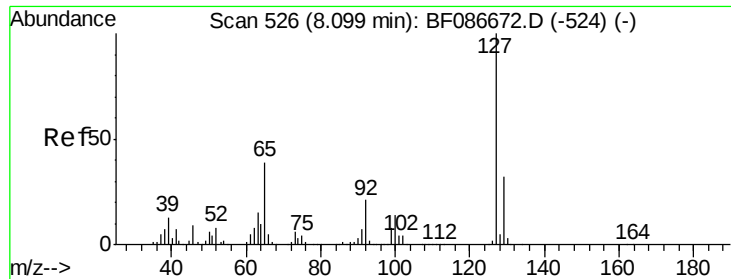


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

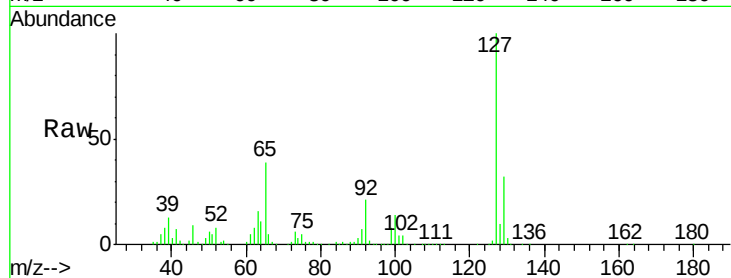




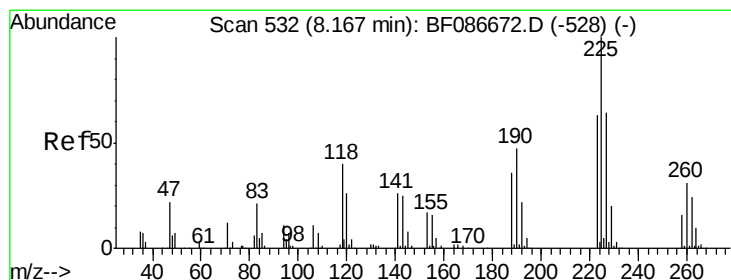
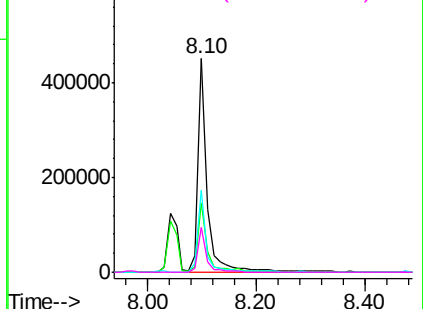
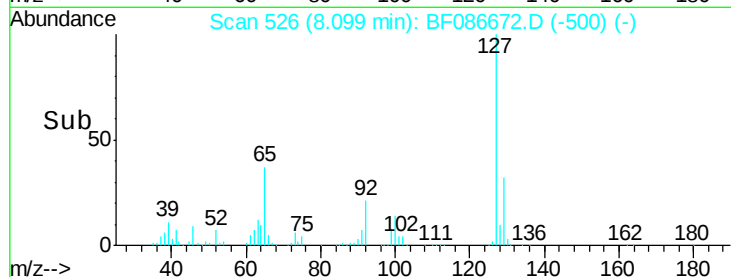
#33
4-Chloroaniline
Concen: 41.61 ng
RT: 8.10 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF086672.D
Acq: 4 May 2016 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	512279
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.2	39.4
65	38.6	23.0	34.4
92	20.9	15.1	22.7

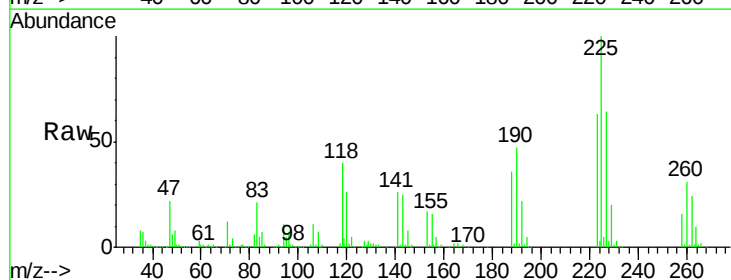


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

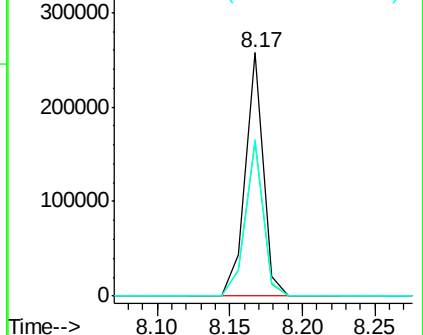
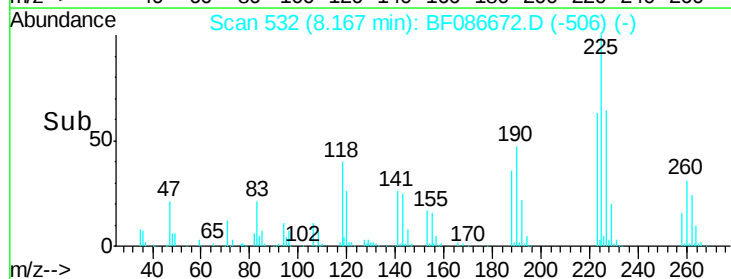


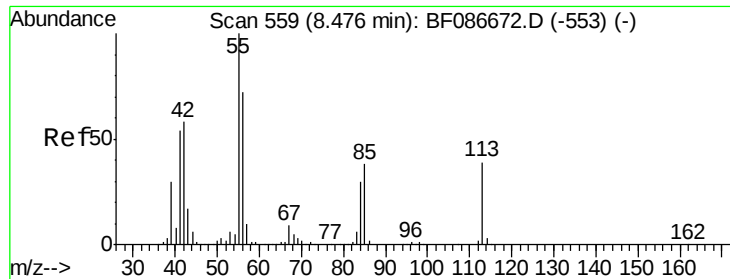
#34
Hexachlorobutadiene
Concen: 40.65 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF086672.D
Acq: 4 May 2016 12:45

Tgt Ion:	225	Resp:	222184
Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.5	77.3
227	64.1	52.2	78.2



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





#35

Caprolactam

Concen: 39.10 ng

RT: 8.48 min Scan# 559

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

Instrument :

BNA_F

ClientSampled :

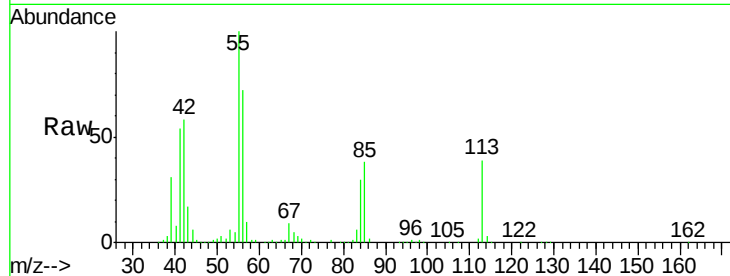
Tot Ion:113 Resp: 109618

Ion Ratio Lower Upper

113 100

55 257.0 162.0 202.0#

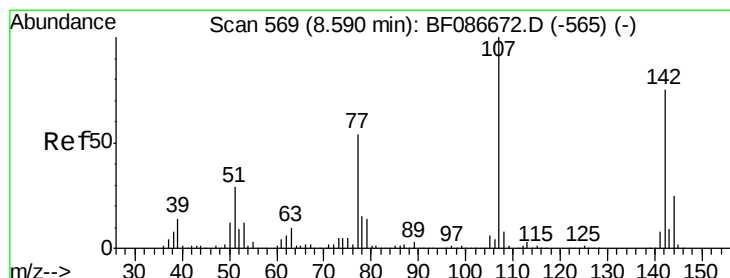
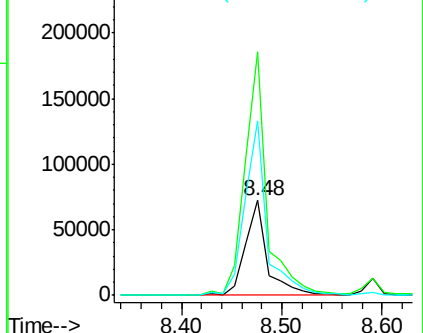
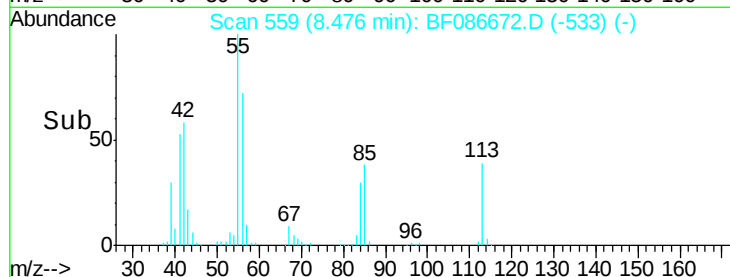
56 184.2 115.3 155.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 43.40 ng

RT: 8.59 min Scan# 569

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

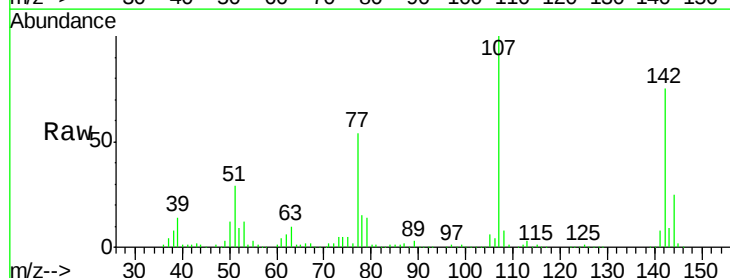
Tgt Ion:107 Resp: 417587

Ion Ratio Lower Upper

107 100

144 24.5 20.7 31.1

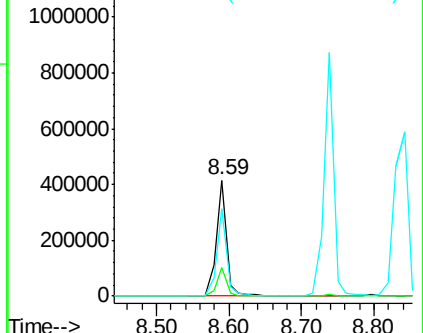
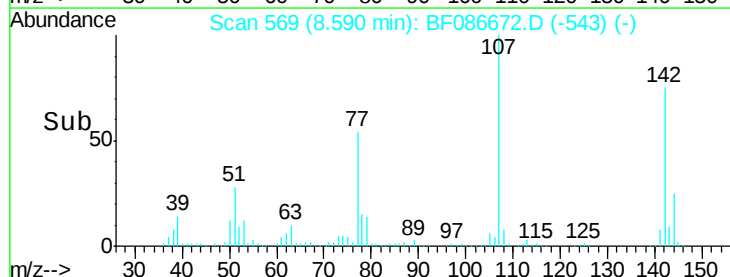
142 75.1 63.2 94.8

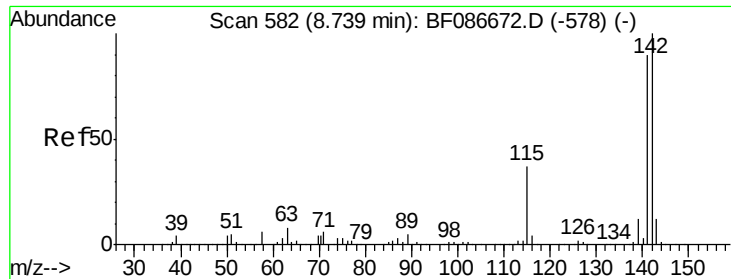


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

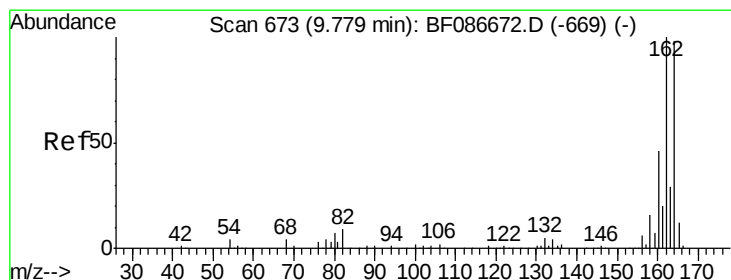
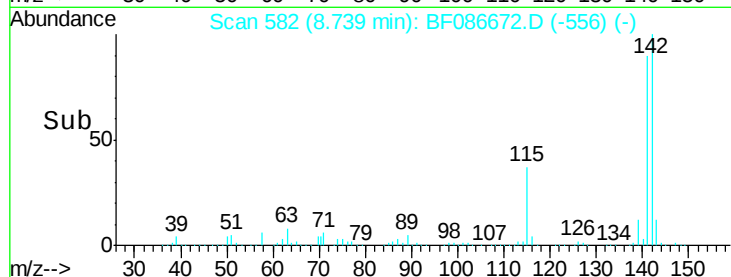
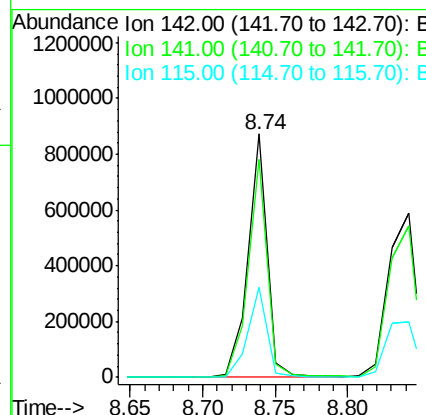
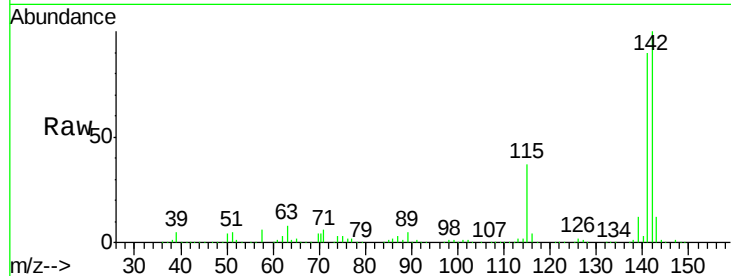




#37
 2-Methylnaphthalene
 Concen: 41.42 ng
 RT: 8.74 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: BF086672.D
 Acq: 4 May 2016 12:45

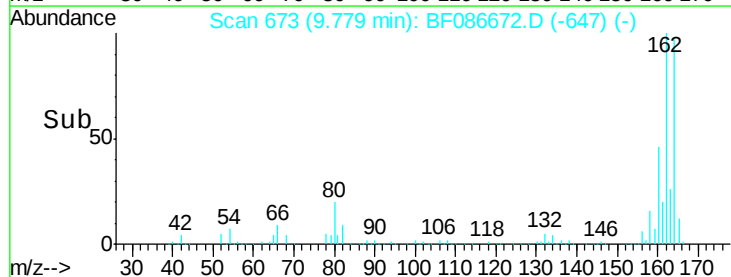
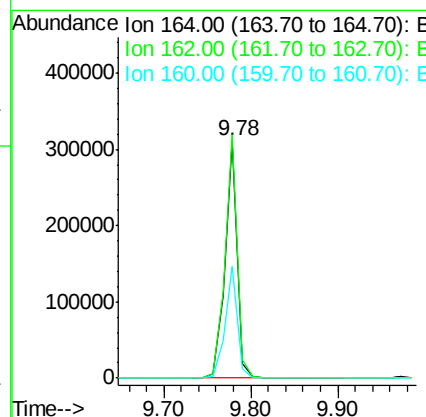
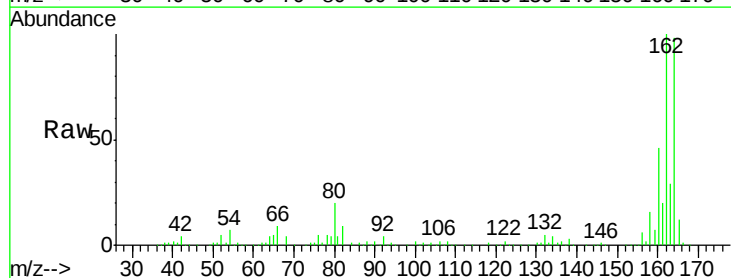
Instrument :
 BNA_F
 ClientSampled :

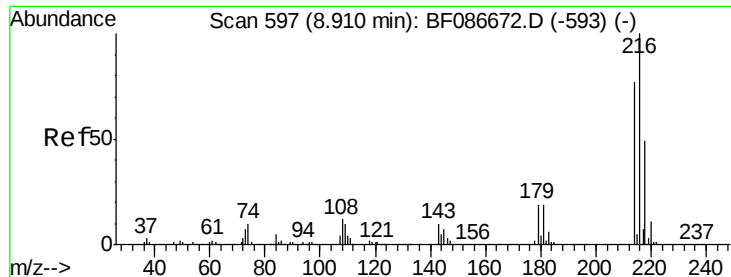
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.0	106.6
115	36.9	26.6	39.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 673
 Delta R.T. 0.00 min
 Lab File: BF086672.D
 Acq: 4 May 2016 12:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.8	124.2
160	46.9	36.9	55.3

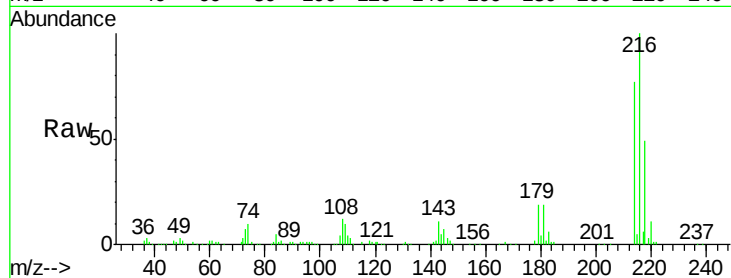




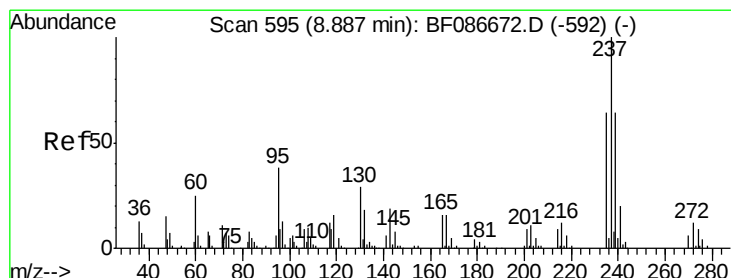
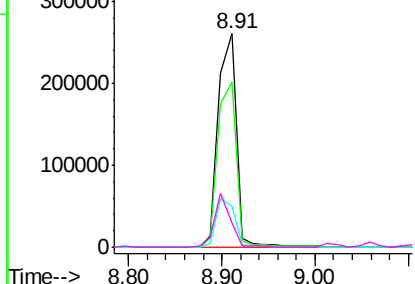
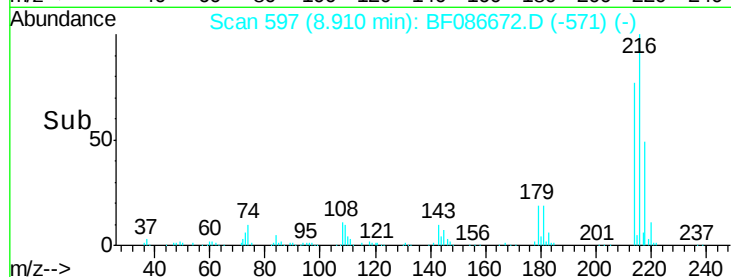
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.97 ng
 RT: 8.91 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: BF086672.D
 Acq: 4 May 2016 12:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	354459
Ion Ratio	Lower	Upper
216	100	
214	79.6	62.6 93.8
179	23.2	18.2 27.4
108	22.2	17.5 26.3

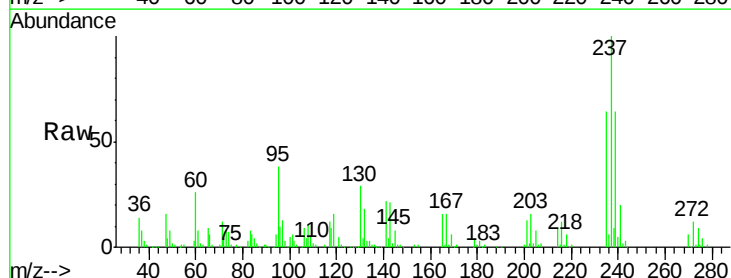


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

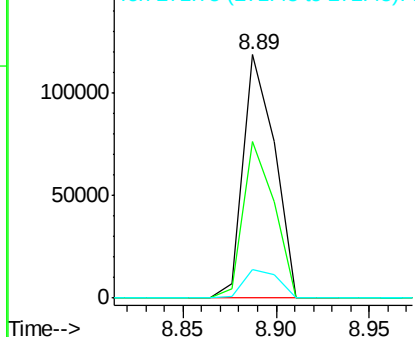
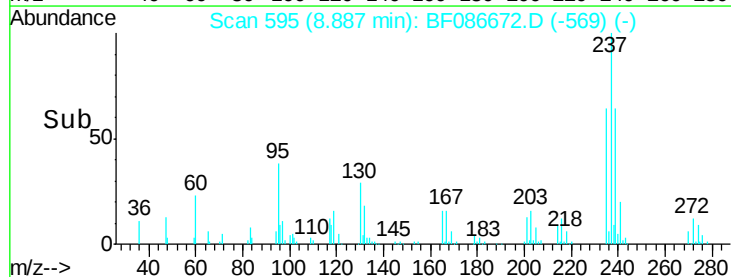


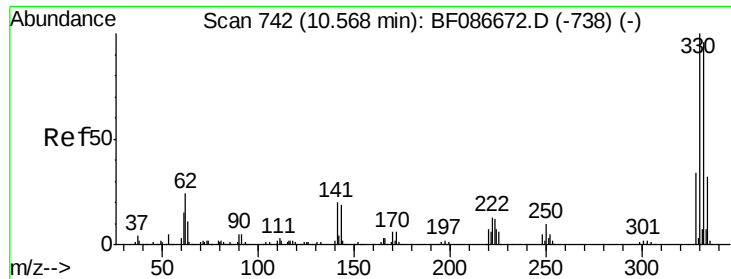
#40
 Hexachlorocyclopentadiene
 Concen: 31.62 ng
 RT: 8.89 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF086672.D
 Acq: 4 May 2016 12:45

Tgt Ion:237	Resp:	139333
Ion Ratio	Lower	Upper
237	100	
235	64.2	47.2 87.2
272	11.5	0.0 31.1



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

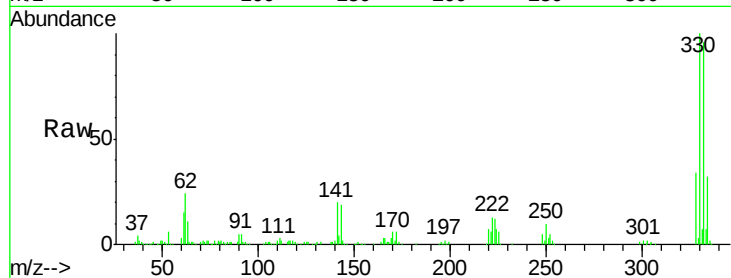




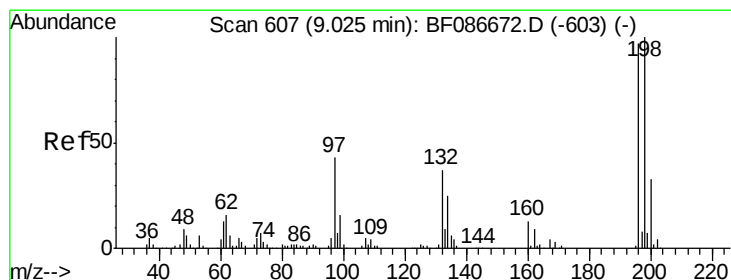
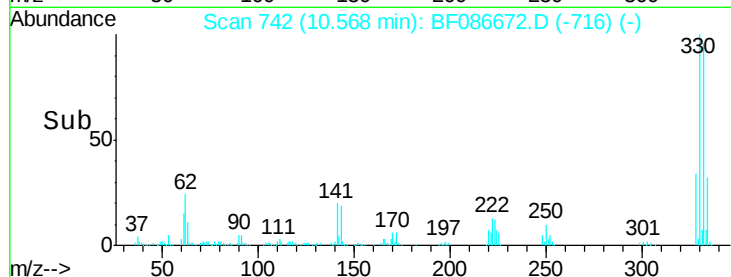
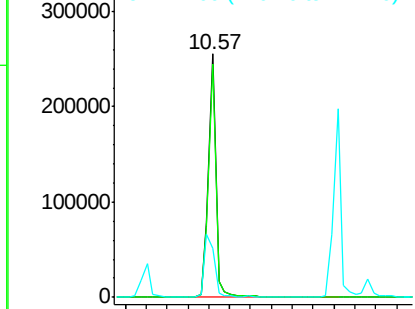
#41
 2,4,6-Tribromophenol
 Concen: 79.16 ng
 RT: 10.57 min Scan# 742
 Delta R.T. 0.00 min
 Lab File: BF086672.D
 Acq: 4 May 2016 12:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 258614
 Ion Ratio Lower Upper
 330 100
 332 95.9 79.0 118.4
 141 34.1 31.2 46.8

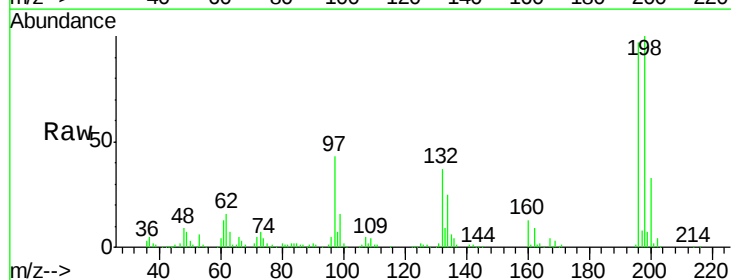


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

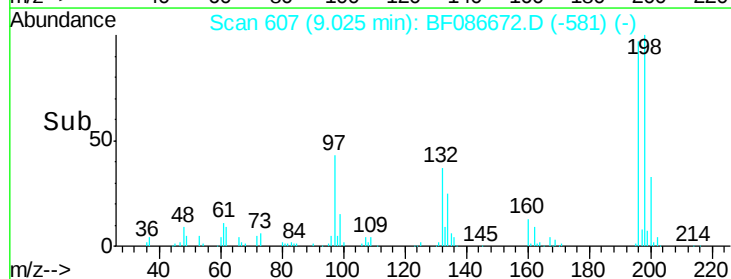
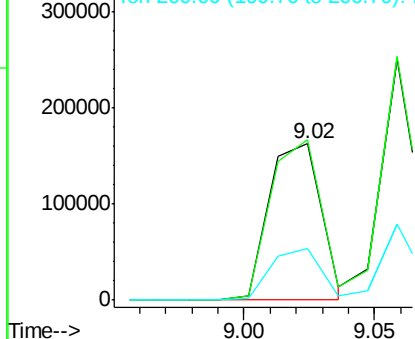


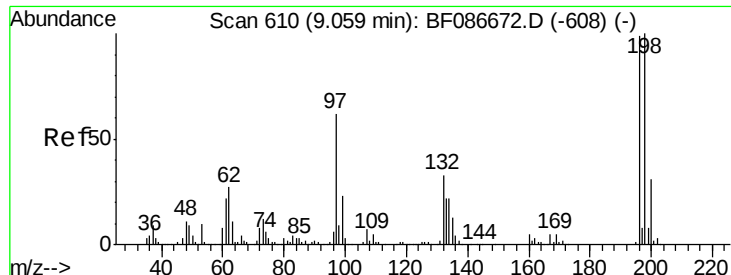
#42
 2,4,6-Trichlorophenol
 Concen: 40.51 ng
 RT: 9.02 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF086672.D
 Acq: 4 May 2016 12:45

Tgt Ion:196 Resp: 227081
 Ion Ratio Lower Upper
 196 100
 198 102.6 74.7 112.1
 200 33.4 23.8 35.6



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

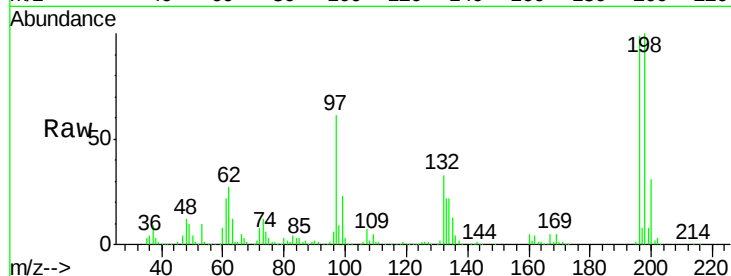




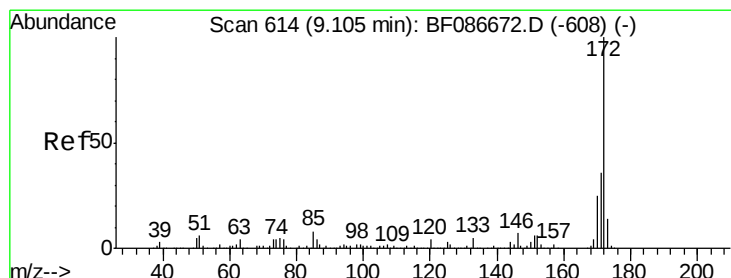
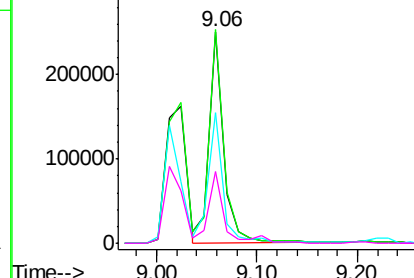
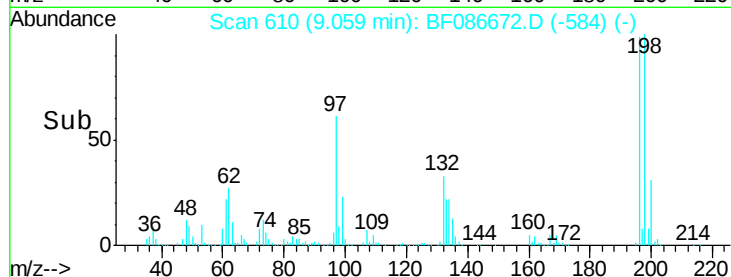
#43
2,4,5-Trichlorophenol
Concen: 41.28 ng
RT: 9.06 min Scan# 610
Delta R.T. 0.00 min
Lab File: BF086672.D
Acq: 4 May 2016 12:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:196 Resp: 252172
Ion Ratio Lower Upper
196 100
198 101.0 77.5 116.3
97 61.9 34.8 52.2#
132 33.6 23.0 34.4

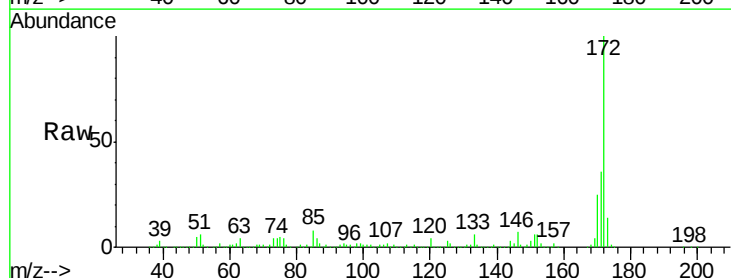


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

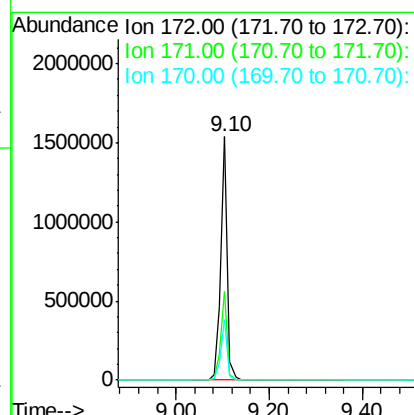
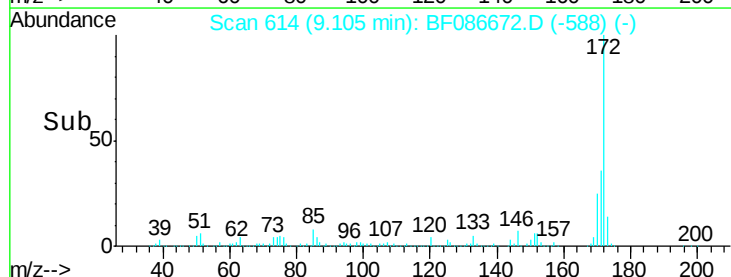


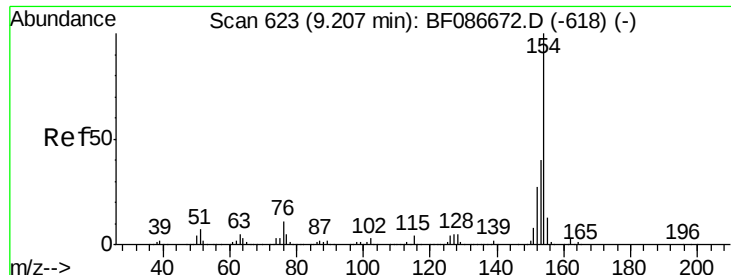
#44
2-Fluorobiphenyl
Concen: 82.79 ng
RT: 9.10 min Scan# 614
Delta R.T. 0.00 min
Lab File: BF086672.D
Acq: 4 May 2016 12:45

Tgt Ion:172 Resp: 1515447
Ion Ratio Lower Upper
172 100
171 36.5 29.0 43.6
170 24.9 19.8 29.8



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

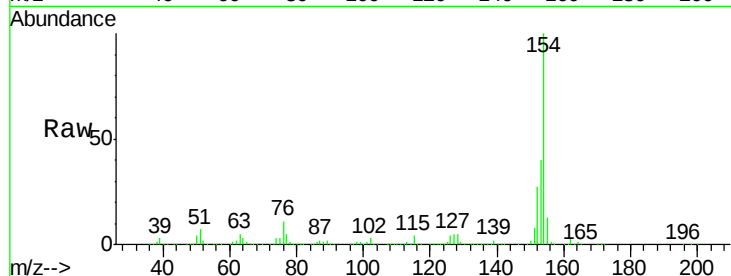




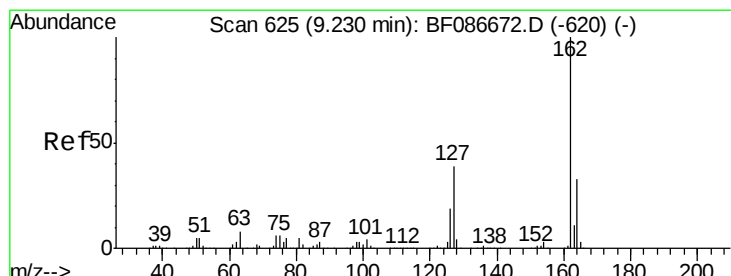
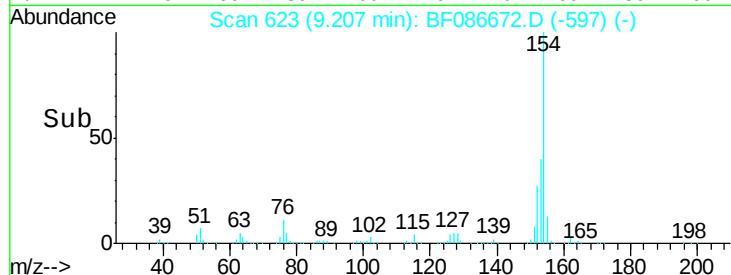
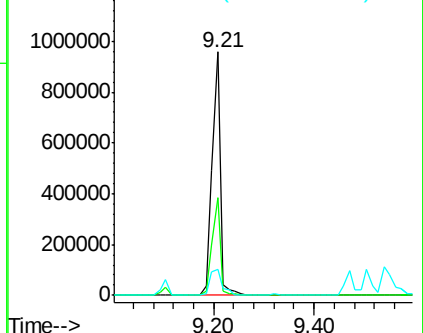
#45
 1,1'-Biphenyl
 Concen: 42.29 ng
 RT: 9.21 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF086672.D
 Acq: 4 May 2016 12:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1094971
 Ion Ratio Lower Upper
 154 100
 153 40.1 20.3 60.3
 76 10.6 0.0 30.2

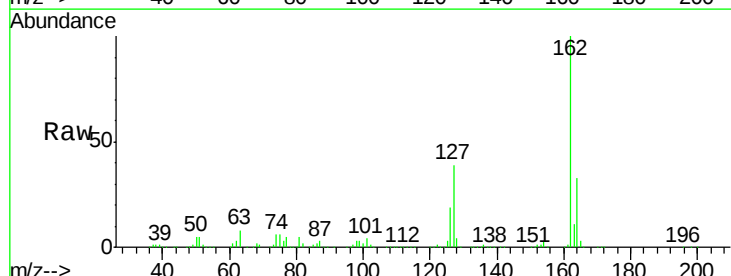


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

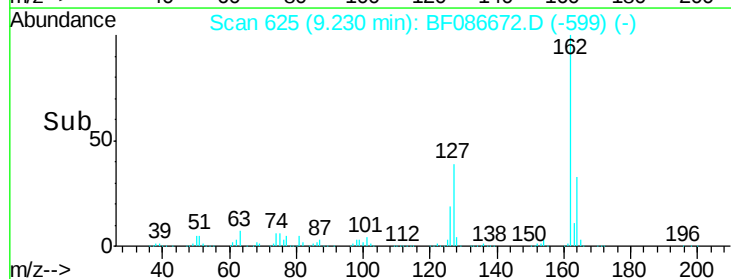
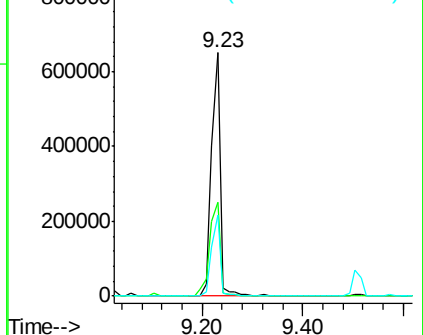


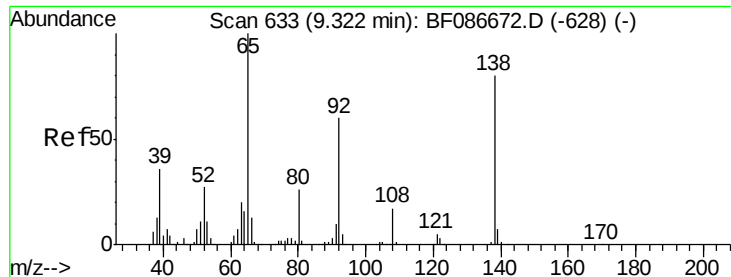
#46
 2-Chloronaphthalene
 Concen: 40.39 ng
 RT: 9.23 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF086672.D
 Acq: 4 May 2016 12:45

Tgt Ion:162 Resp: 795121
 Ion Ratio Lower Upper
 162 100
 127 38.6 31.8 47.6
 164 33.3 27.0 40.6



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

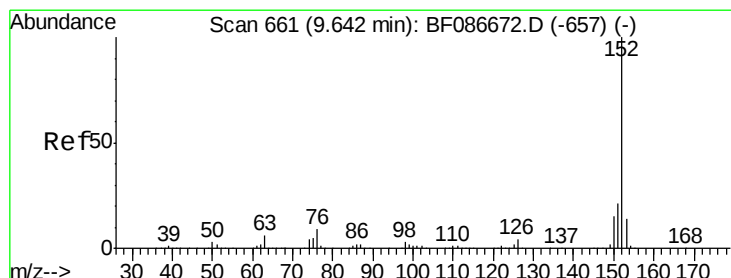
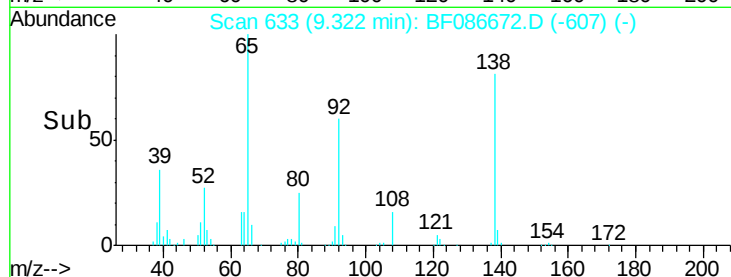
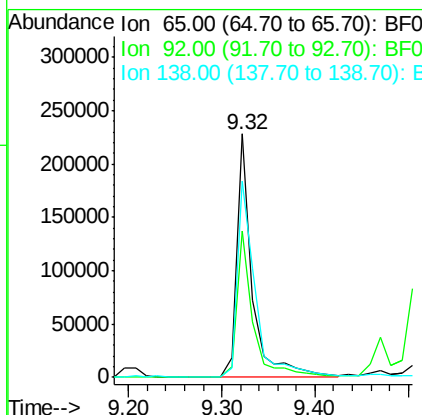
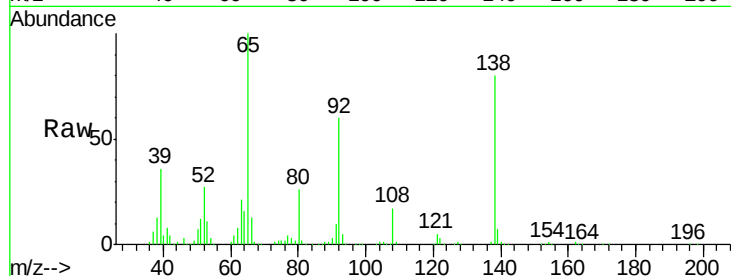




#47
2-Nitroaniline
Concen: 42.33 ng
RT: 9.32 min Scan# 633
Delta R.T. 0.00 min
Lab File: BF086672.D
Acq: 4 May 2016 12:45

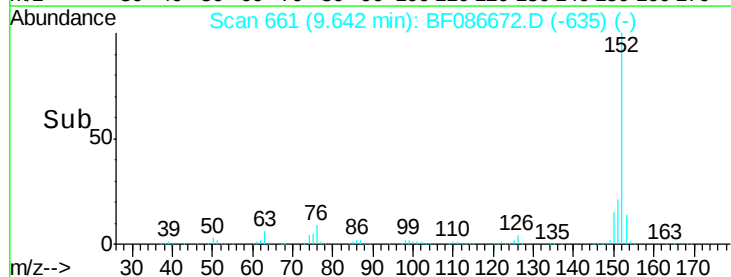
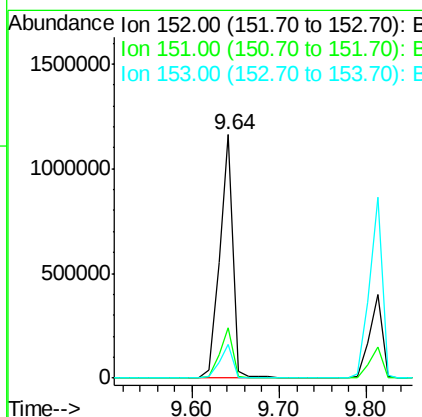
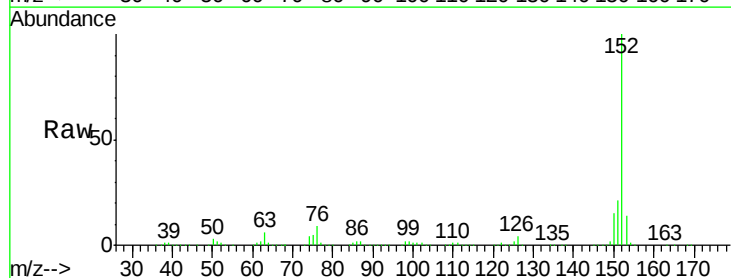
Instrument :
BNA_F
ClientSampleId :

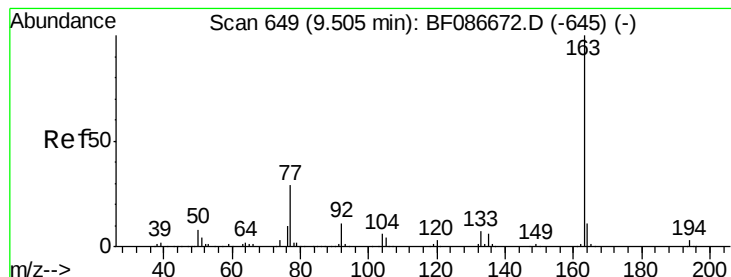
Tot Ion: 65 Resp: 267232
Ion Ratio Lower Upper
65 100
92 59.9 57.4 86.2
138 80.4 90.1 135.1#



#48
Acenaphthylene
Concen: 40.39 ng
RT: 9.64 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF086672.D
Acq: 4 May 2016 12:45

Tgt Ion: 152 Resp: 1243082
Ion Ratio Lower Upper
152 100
151 20.7 16.8 25.2
153 13.9 10.9 16.3





#49

Dimethylphthalate

Concen: 37.68 ng

RT: 9.50 min Scan# 649

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

Instrument :

BNA_F

ClientSampleId :

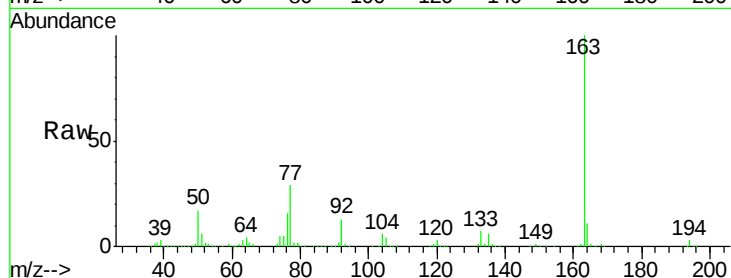
Tot Ion:163 Resp: 878808

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

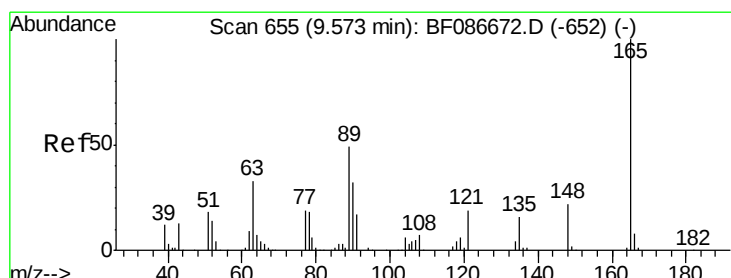
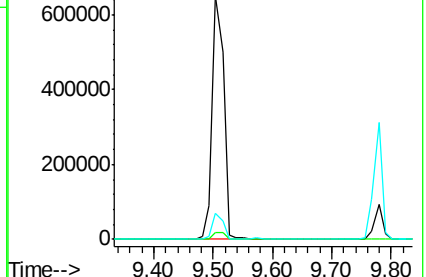
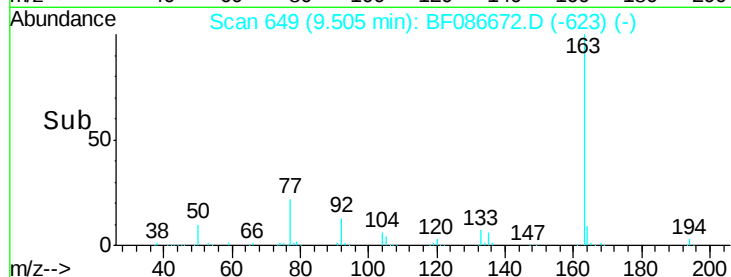
164 10.6 8.2 12.4



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: 43.15 ng

RT: 9.57 min Scan# 655

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

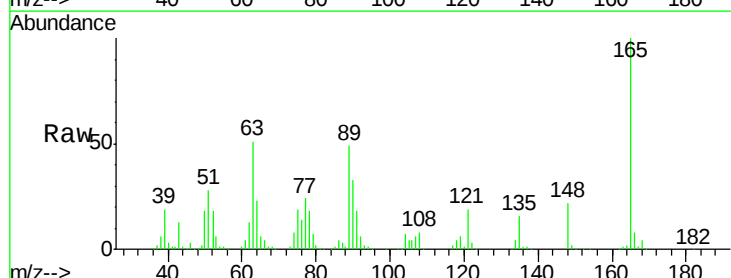
Tgt Ion:165 Resp: 207910

Ion Ratio Lower Upper

165 100

63 50.8 51.8 77.8#

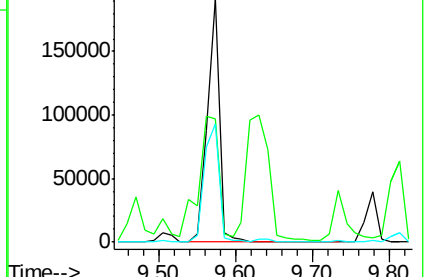
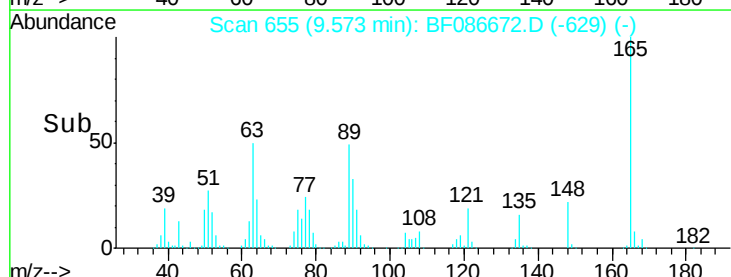
89 48.7 50.7 76.1#

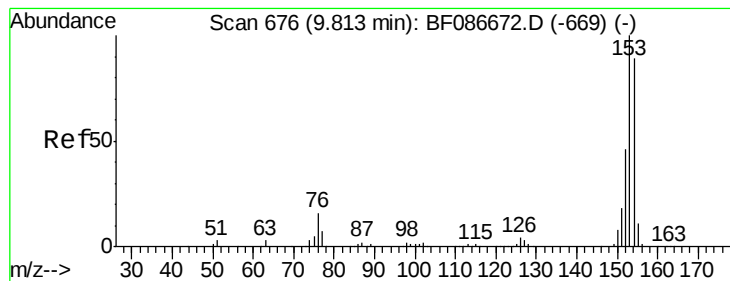


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.95 ng

RT: 9.81 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

Instrument :

BNA_F

ClientSampleId :

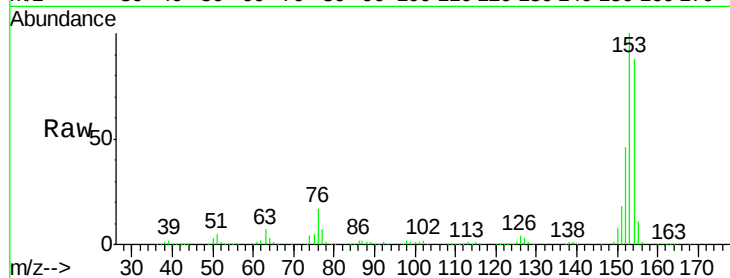
Tot Ion:154 Resp: 769932

Ion Ratio Lower Upper

154 100

153 113.0 89.8 134.6

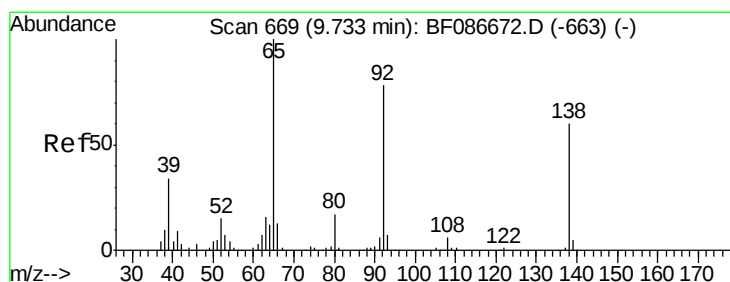
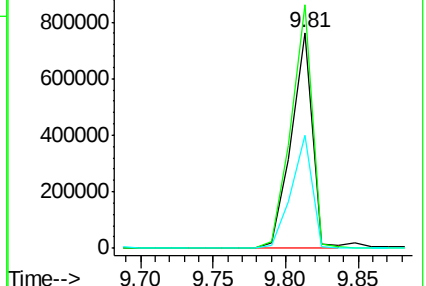
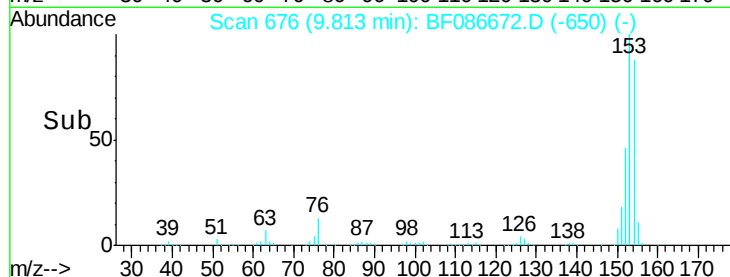
152 52.5 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 40.27 ng

RT: 9.73 min Scan# 669

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

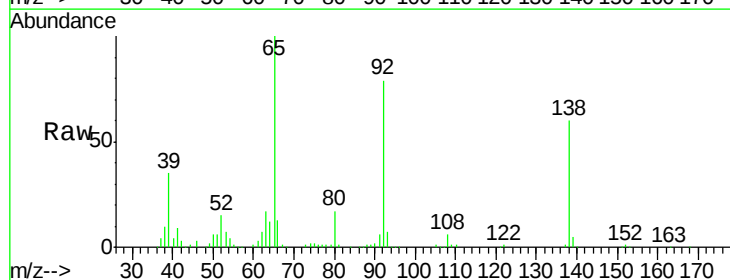
Tgt Ion:138 Resp: 220676

Ion Ratio Lower Upper

138 100

108 10.6 7.8 11.6

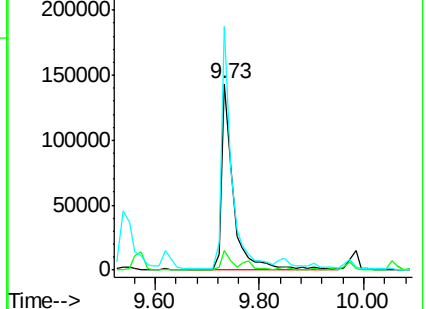
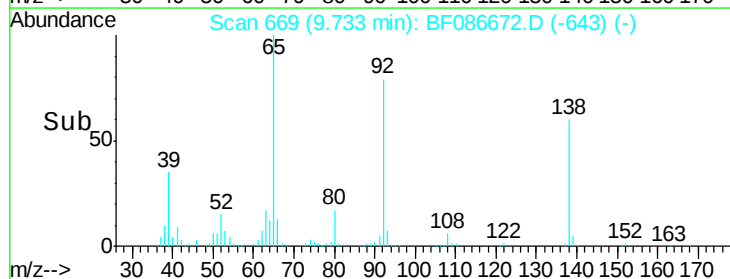
92 130.9 87.8 131.8

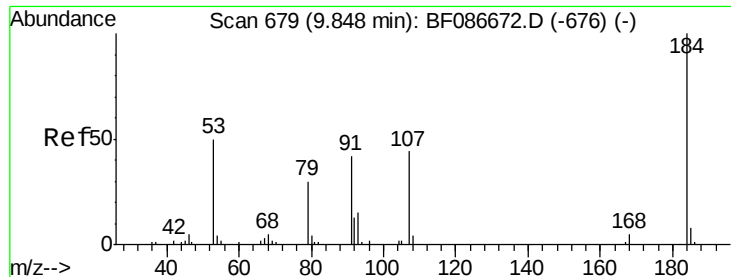


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

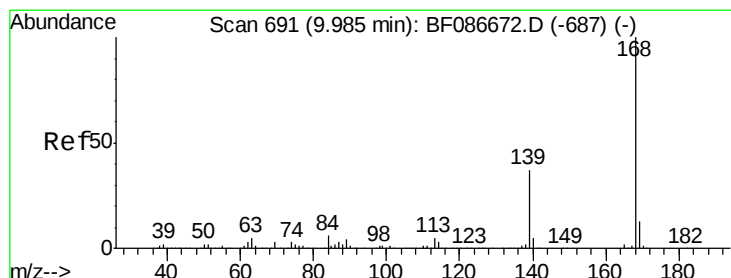
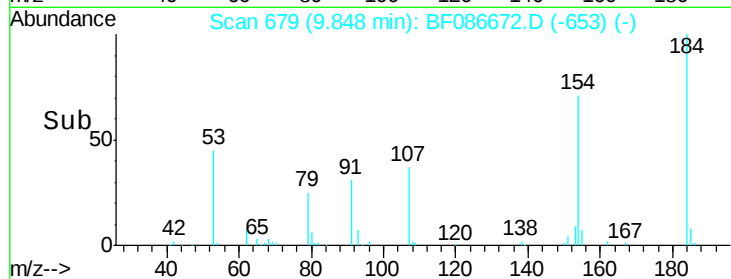
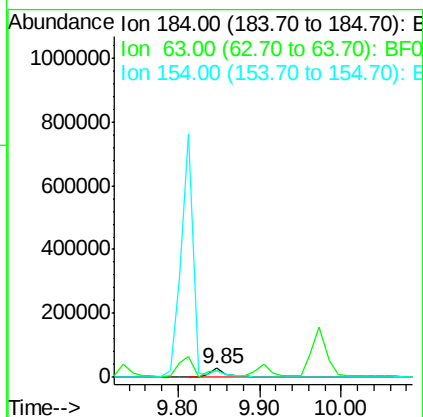
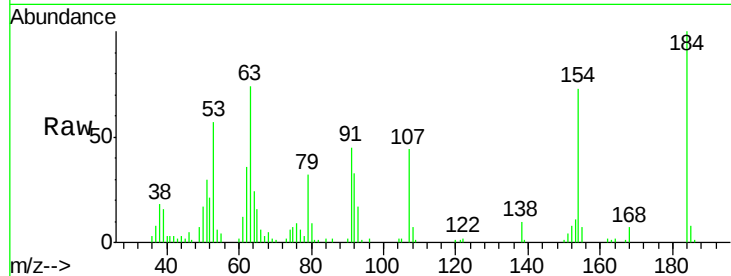




#53
 2,4-Dinitrophenol
 Concen: 21.84 ng
 RT: 9.85 min Scan# 679
 Delta R.T. 0.00 min
 Lab File: BF086672.D
 Acq: 4 May 2016 12:45

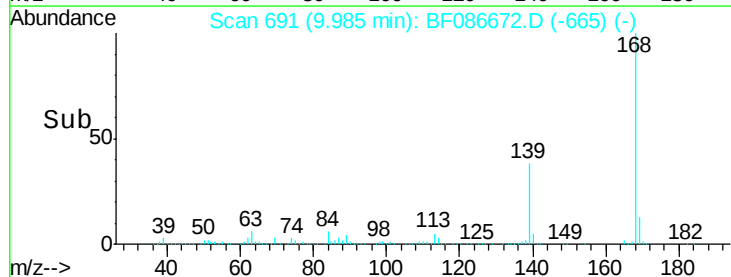
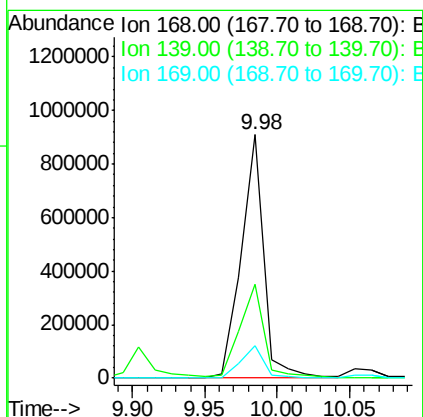
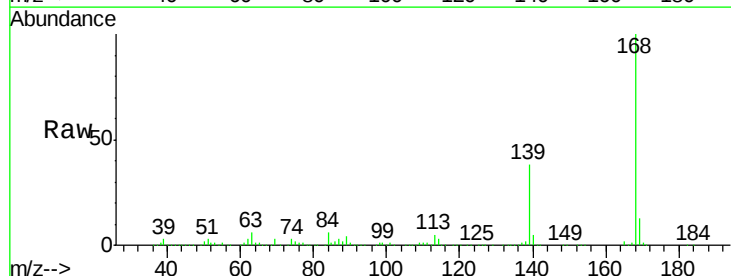
Instrument :
 BNA_F
 ClientSampled :

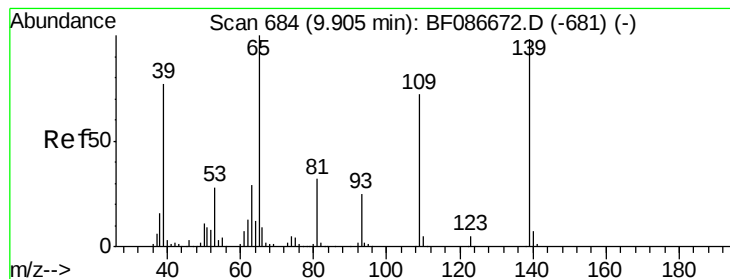
Tot Ion:184 Resp: 47072
 Ion Ratio Lower Upper
 184 100
 63 74.0 55.8 83.8
 154 72.7 62.4 93.6



#54
 Dibenzofuran
 Concen: 39.87 ng
 RT: 9.98 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: BF086672.D
 Acq: 4 May 2016 12:45

Tgt Ion:168 Resp: 985019
 Ion Ratio Lower Upper
 168 100
 139 38.3 31.4 47.0
 169 13.4 10.7 16.1





#55

4-Nitrophenol

Concen: 38.49 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

Instrument :

BNA_F

ClientSampleId :

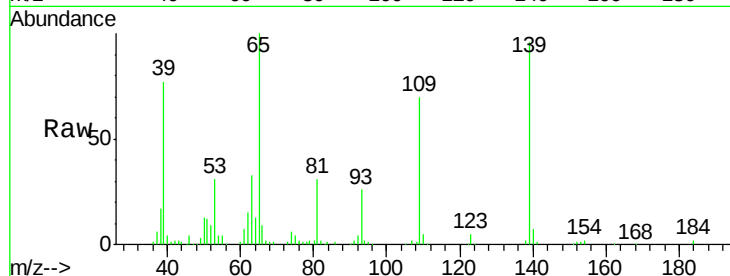
Tot Ion:139 Resp: 138102

Ion Ratio Lower Upper

139 100

109 73.2 36.9 76.9

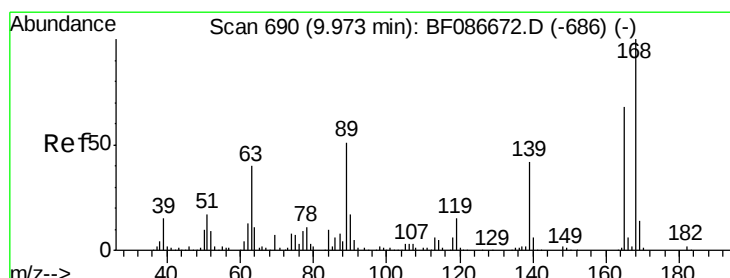
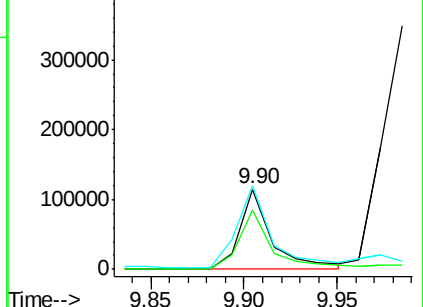
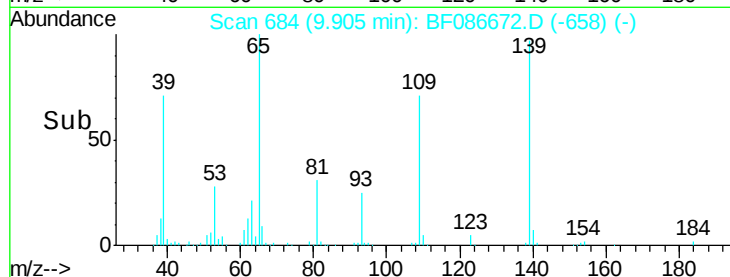
65 104.6 64.0 104.0#



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: 42.57 ng

RT: 9.97 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

Tgt Ion:165 Resp: 261480

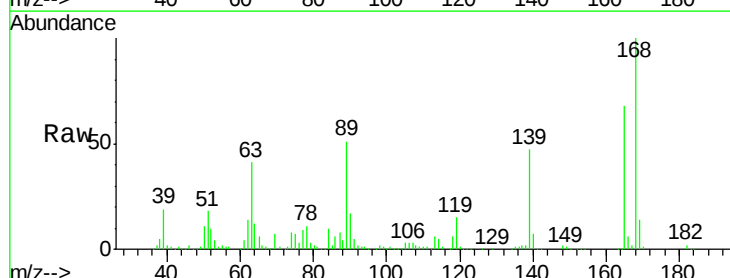
Ion Ratio Lower Upper

165 100

63 61.2 44.3 66.5

89 75.2 70.0 105.0

182 2.4 1.8 2.6

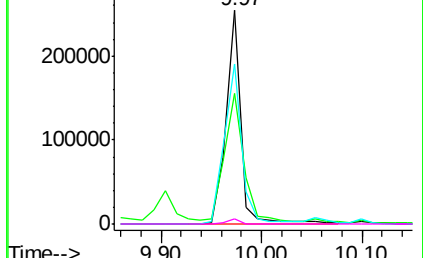
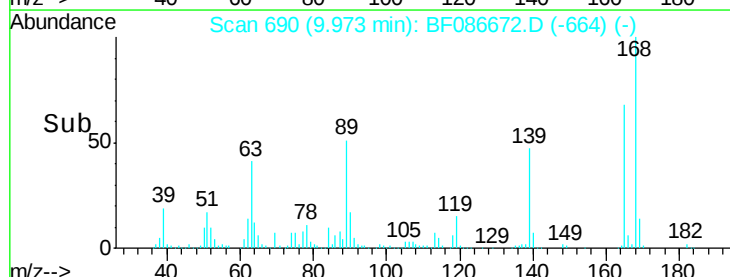


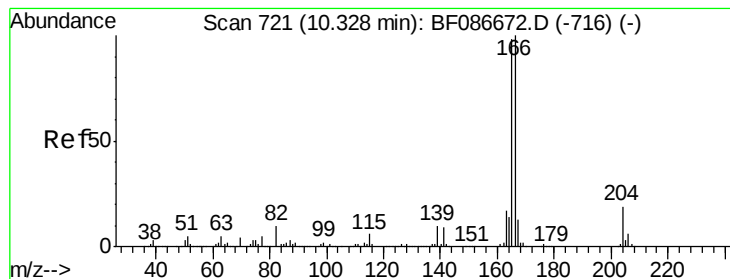
Abundance Ion 165.00 (164.70 to 165.70): E

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: 38.15 ng

RT: 10.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

Instrument :

BNA_F

ClientSampleId :

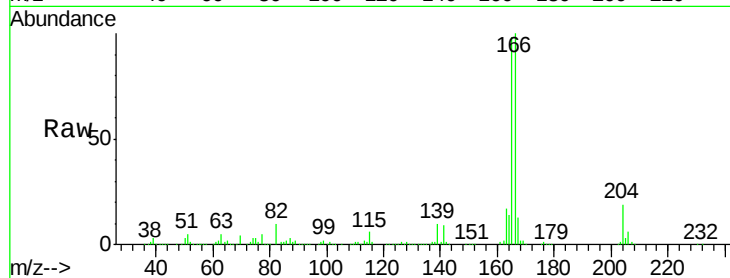
Tot Ion:166 Resp: 818271

Ion Ratio Lower Upper

166 100

165 98.3 79.0 118.6

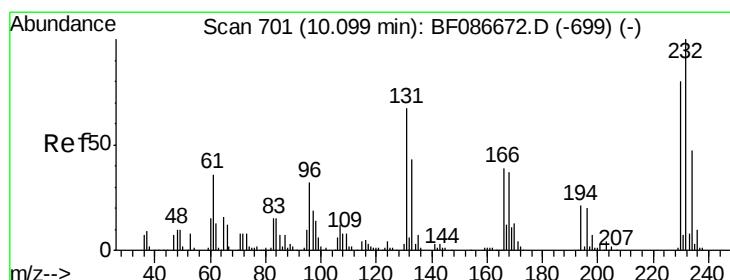
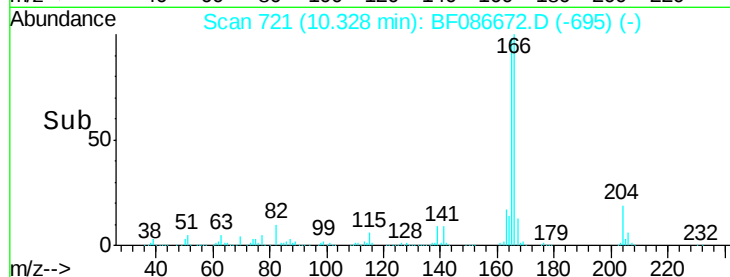
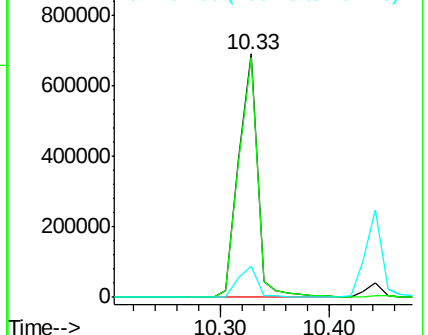
167 12.9 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.70 ng

RT: 10.10 min Scan# 701

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

Tgt Ion:232 Resp: 180068

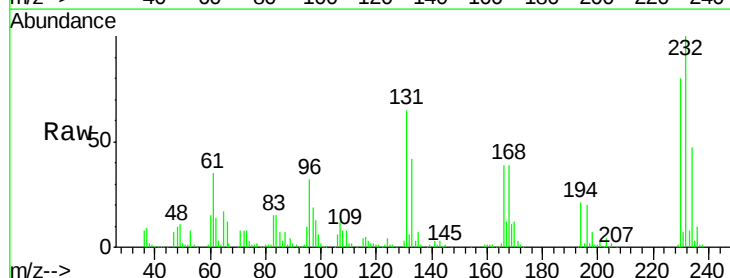
Ion Ratio Lower Upper

232 100

131 54.0 41.9 62.9

130 2.5 2.2 3.4

166 31.9 26.8 40.2

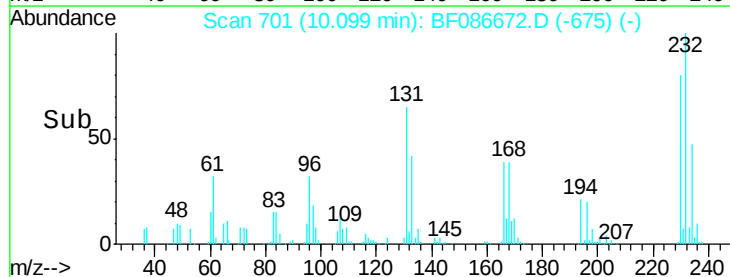
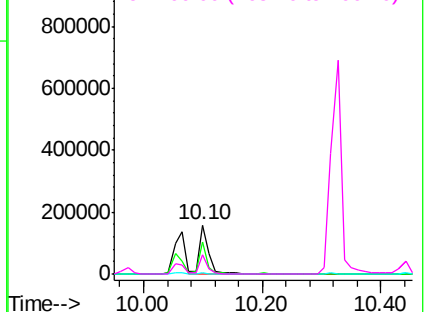


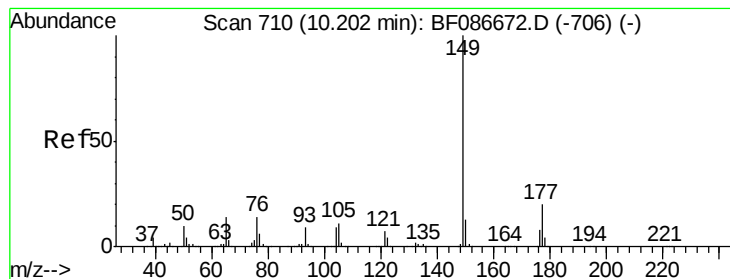
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 38.08 ng

RT: 10.20 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

Instrument :

BNA_F

ClientSampleId :

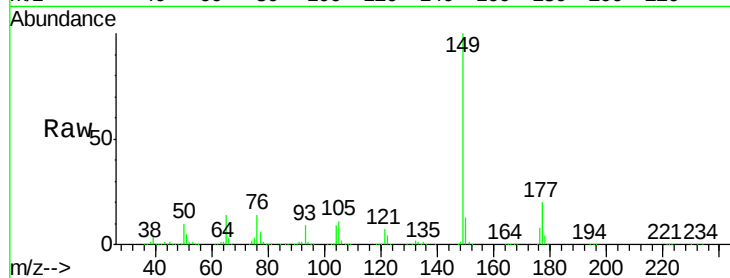
Tot Ion:149 Resp: 840740

Ion Ratio Lower Upper

149 100

177 20.2 16.6 24.8

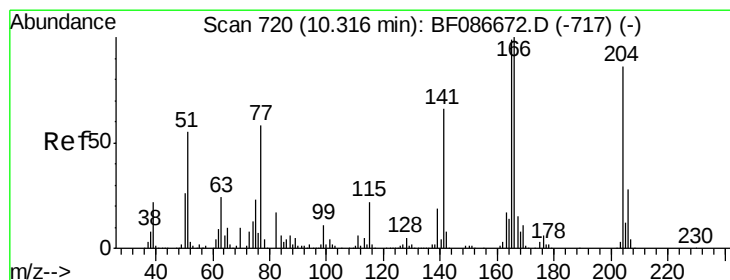
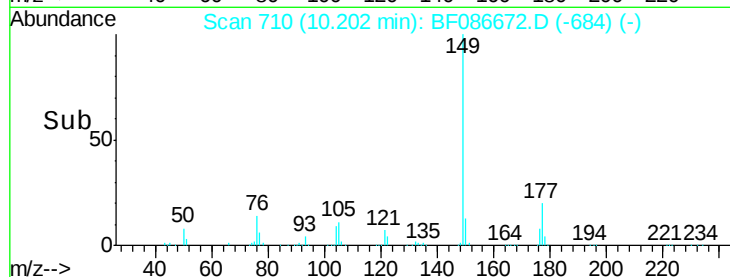
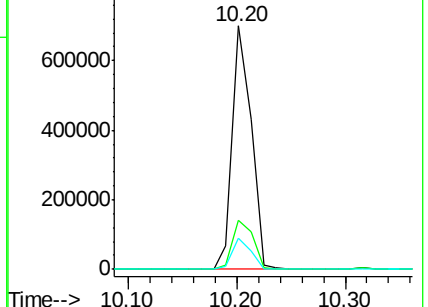
150 12.8 10.0 15.0



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: 36.46 ng

RT: 10.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

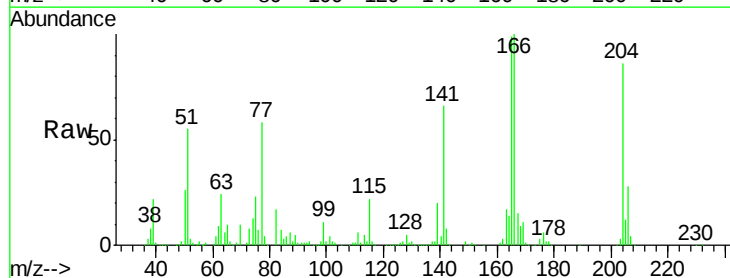
Tgt Ion:204 Resp: 355066

Ion Ratio Lower Upper

204 100

206 32.4 25.4 38.0

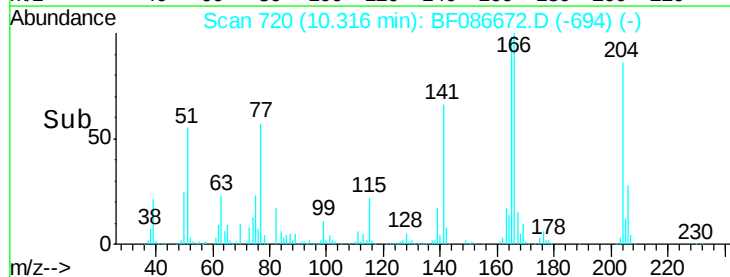
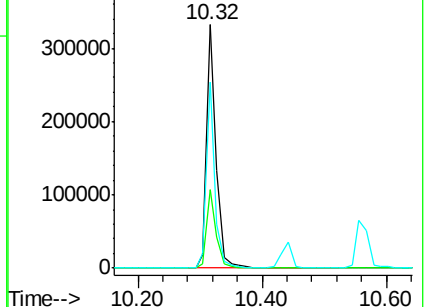
141 76.6 61.6 92.4

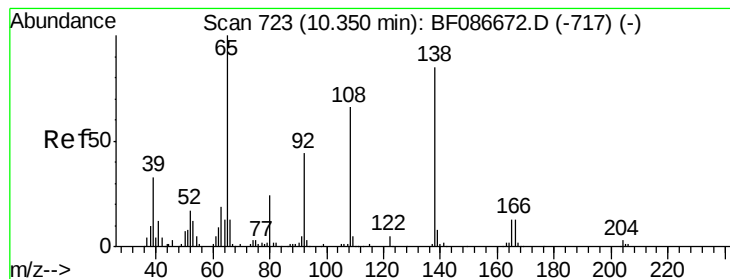


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 41.54 ng

RT: 10.35 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

Instrument :
BNA_F
ClientSampleId :

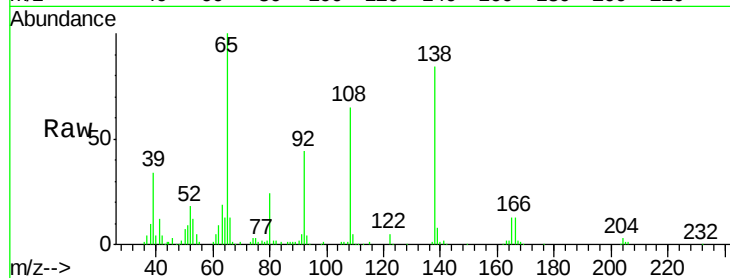
Tot Ion:138 Resp: 222487

Ion Ratio Lower Upper

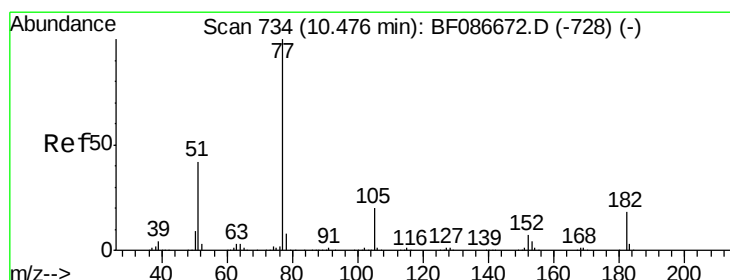
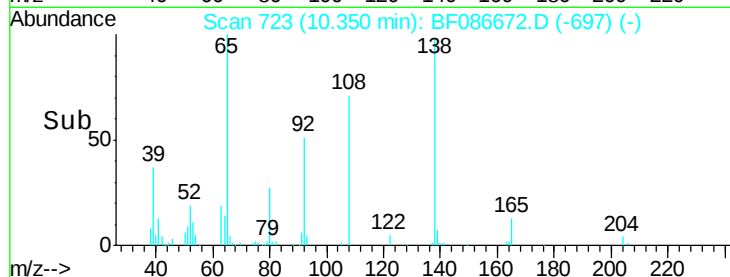
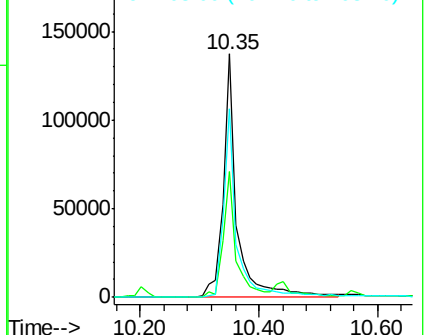
138 100

92 52.0 24.7 64.7

108 77.3 37.4 77.4



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: 39.54 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

Tgt Ion: 77 Resp: 956108

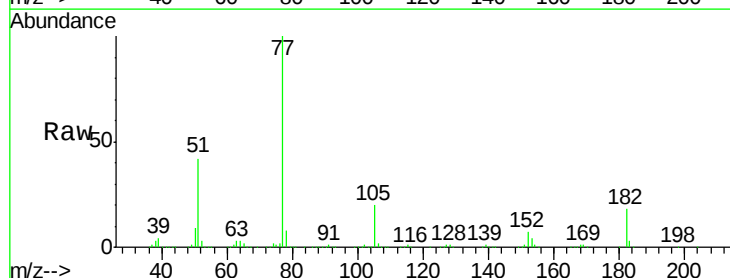
Ion Ratio Lower Upper

77 100

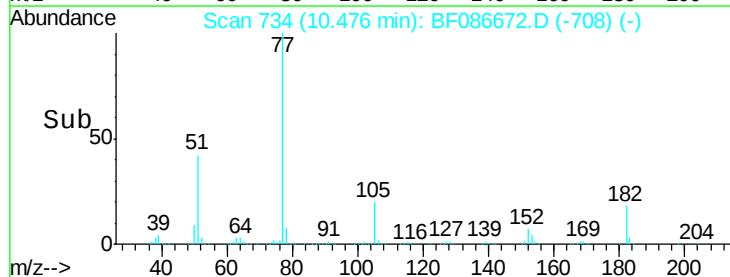
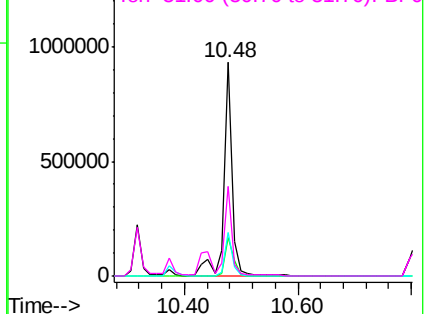
182 17.9 0.0 38.8

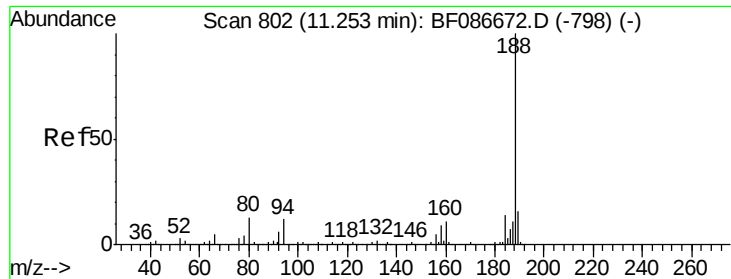
105 20.5 3.2 43.2

51 42.0 8.8 48.8



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: 11.25 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

Instrument :

BNA_F

ClientSampleId :

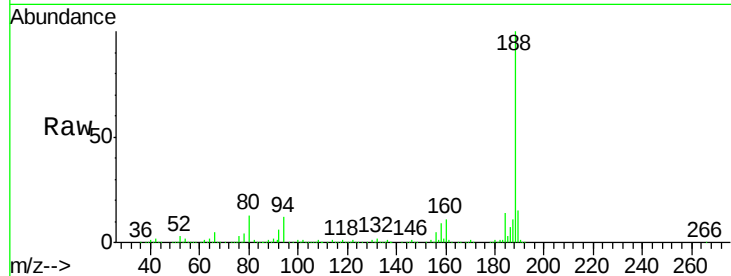
Tot Ion:188 Resp: 538175

Ion Ratio Lower Upper

188 100

94 11.9 6.8 10.2#

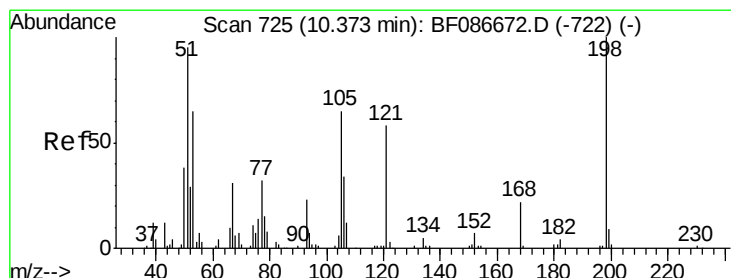
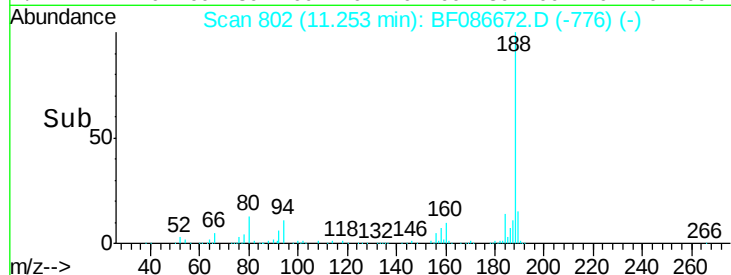
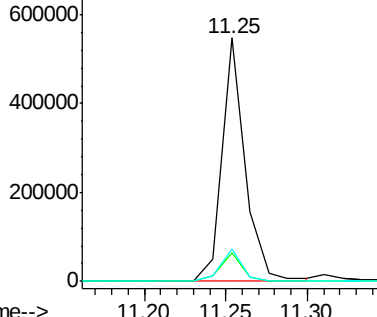
80 13.1 7.1 10.7#



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: 29.87 ng

RT: 10.37 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

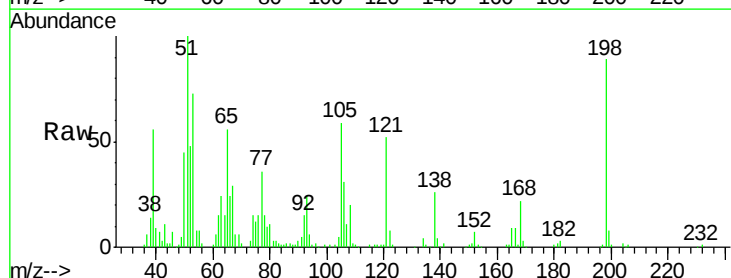
Tgt Ion:198 Resp: 94377

Ion Ratio Lower Upper

198 100

51 112.2 20.5 60.5#

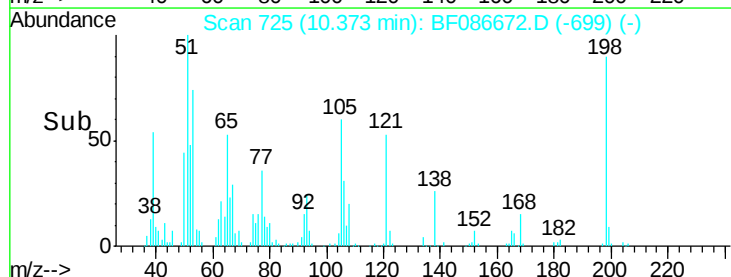
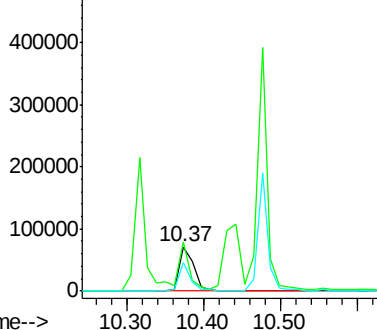
105 65.9 24.5 64.5#

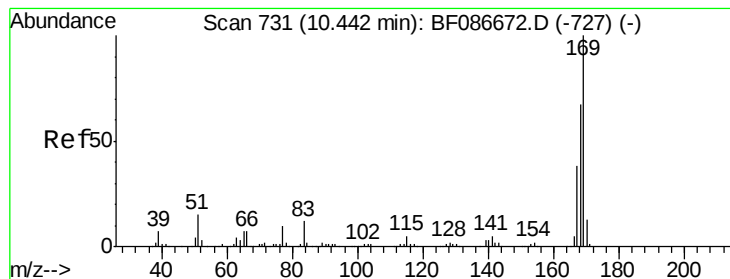


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

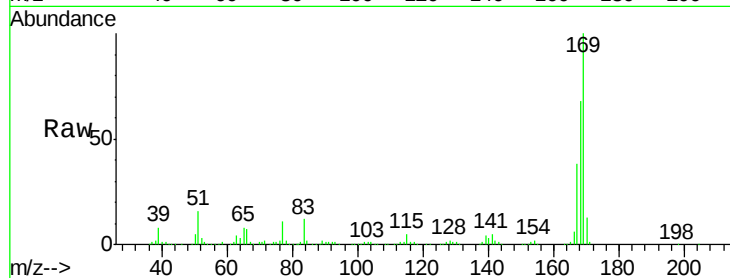




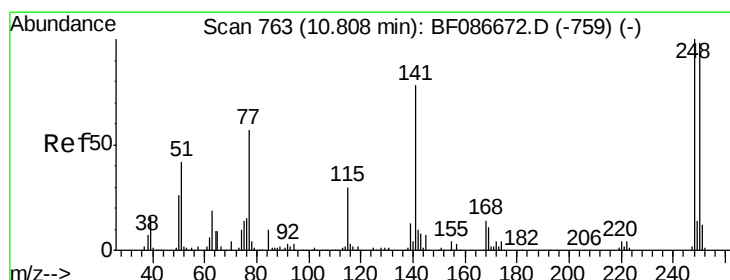
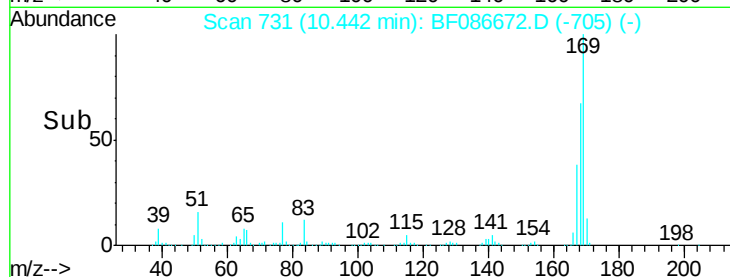
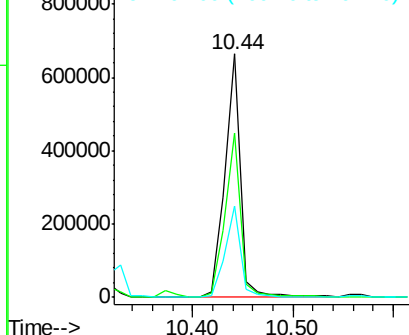
#65
 n-Nitrosodiphenylamine
 Concen: 42.36 ng
 RT: 10.44 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF086672.D
 Acq: 4 May 2016 12:45

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:169 Resp: 712509
 Ion Ratio Lower Upper
 169 100
 168 67.6 53.8 80.6
 167 37.6 29.5 44.3

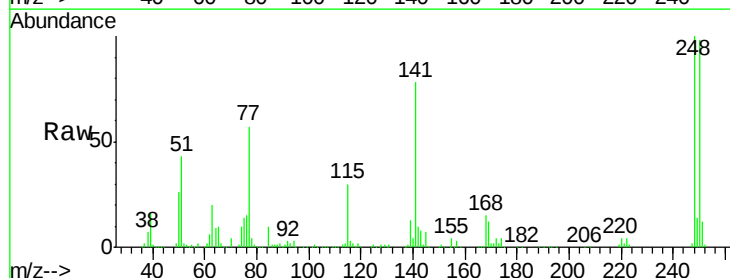


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

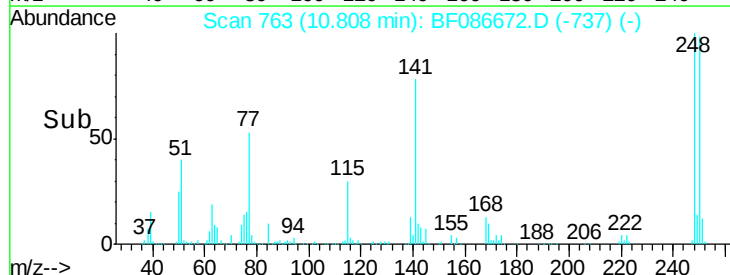
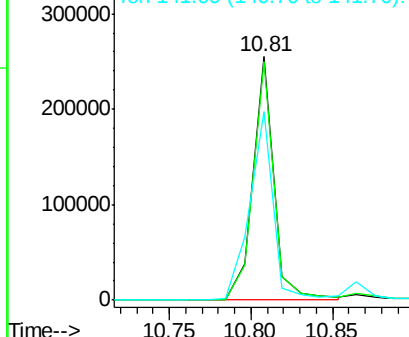


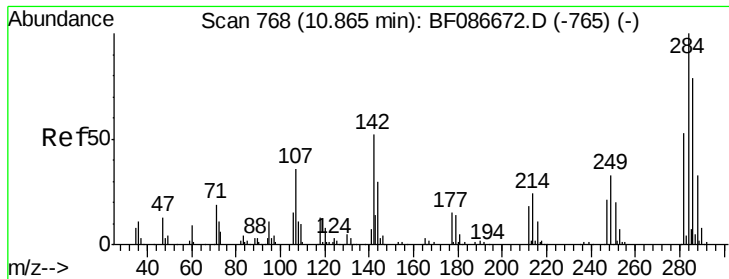
#66
 4-Bromophenyl-phenylether
 Concen: 41.18 ng
 RT: 10.81 min Scan# 763
 Delta R.T. 0.00 min
 Lab File: BF086672.D
 Acq: 4 May 2016 12:45

Tgt Ion:248 Resp: 228392
 Ion Ratio Lower Upper
 248 100
 250 97.9 78.6 117.8
 141 77.7 76.0 114.0



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: 40.10 ng

RT: 10.86 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

Instrument :

BNA_F

ClientSampled :

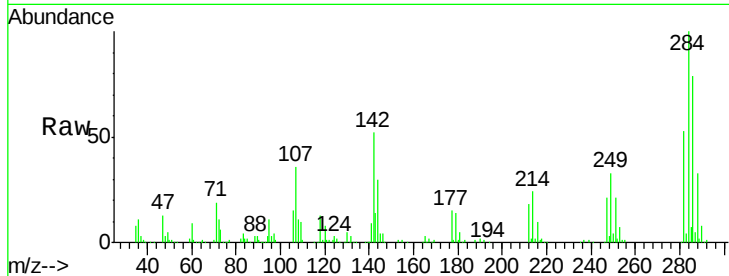
Tot Ion:284 Resp: 257427

Ion Ratio Lower Upper

284 100

142 51.9 16.7 25.1#

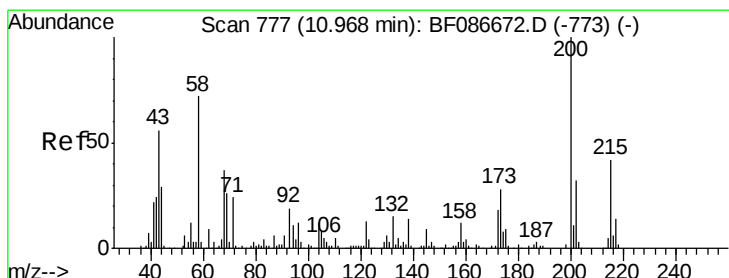
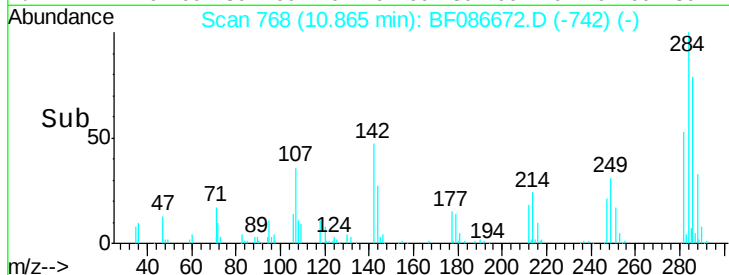
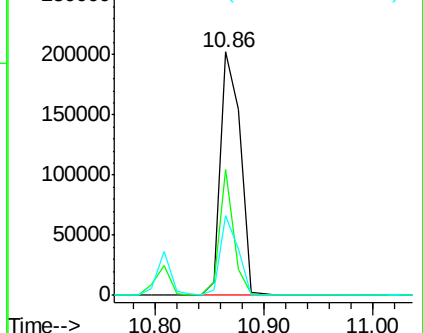
249 33.0 21.3 31.9#



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: 40.05 ng

RT: 10.97 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

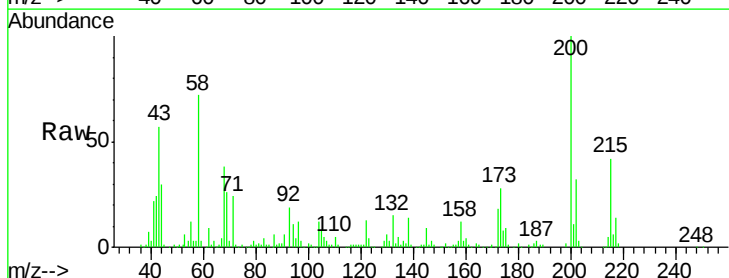
Tgt Ion:200 Resp: 202301

Ion Ratio Lower Upper

200 100

173 28.3 8.5 48.5

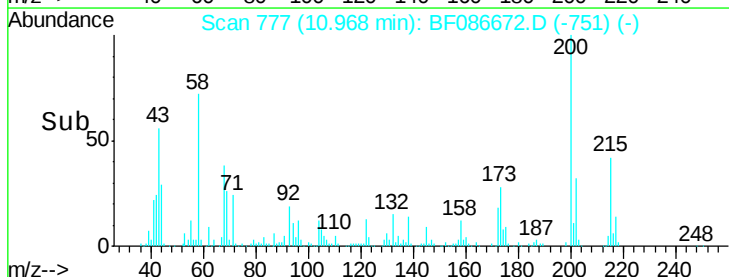
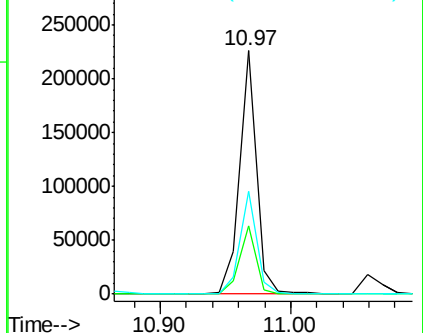
215 42.0 27.2 67.2

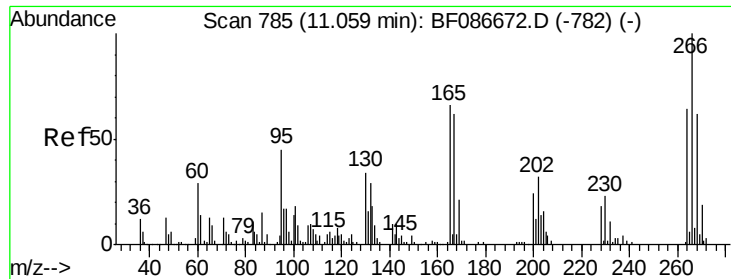


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

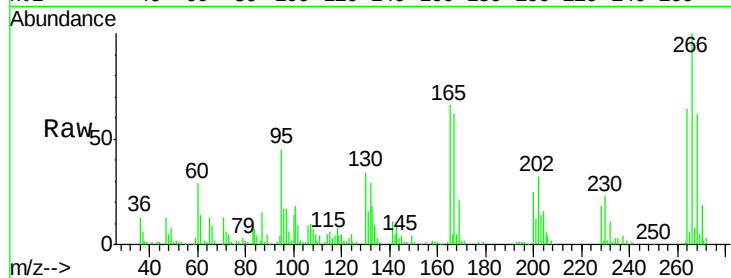




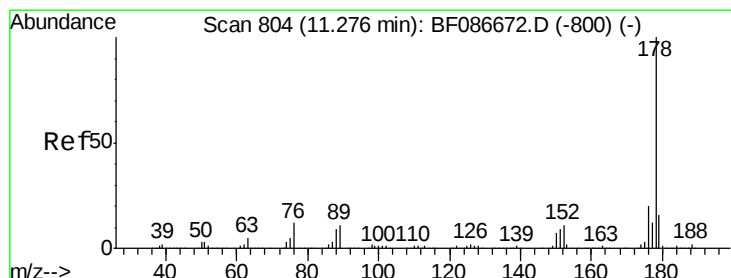
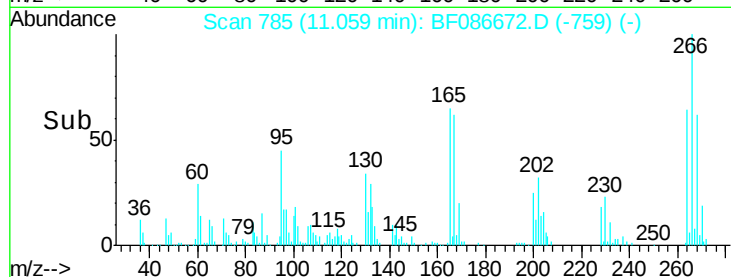
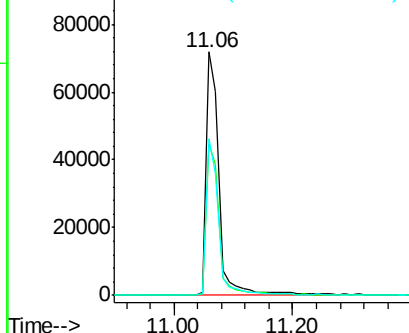
#69
 Pentachlorophenol
 Concen: 32.08 ng
 RT: 11.06 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF086672.D
 Acq: 4 May 2016 12:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 108556
 Ion Ratio Lower Upper
 266 100
 268 62.1 51.5 77.3
 264 64.4 52.9 79.3

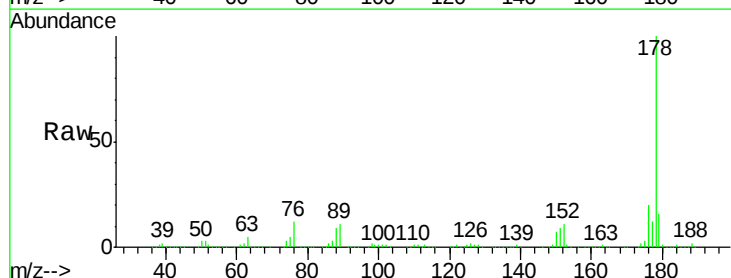


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

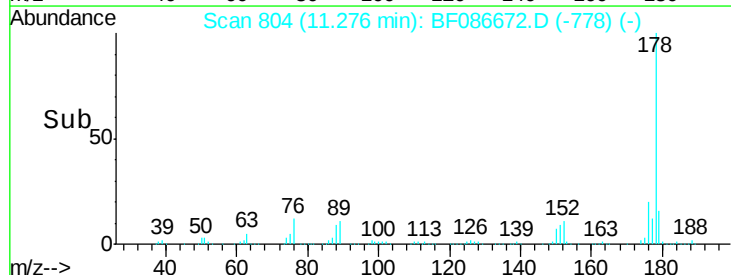
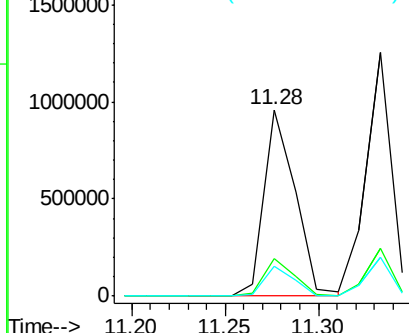


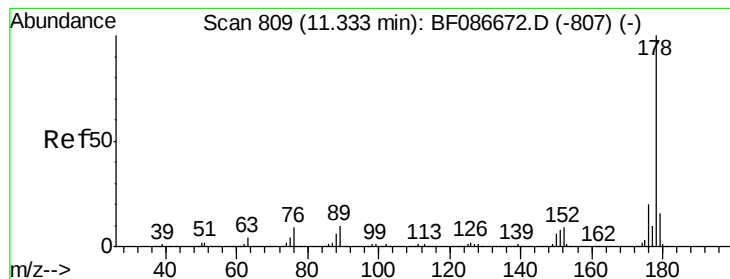
#70
 Phenanthrene
 Concen: 39.31 ng
 RT: 11.28 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF086672.D
 Acq: 4 May 2016 12:45

Tgt Ion:178 Resp: 1110236
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.0 24.0
 179 15.9 12.6 18.8



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





#71

Anthracene

Concen: 41.96 ng

RT: 11.33 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

Instrument :

BNA_F

ClientSampleId :

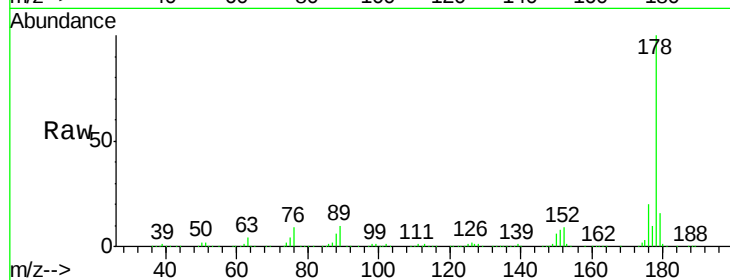
Tot Ion:178 Resp: 1264578

Ion Ratio Lower Upper

178 100

176 19.6 15.6 23.4

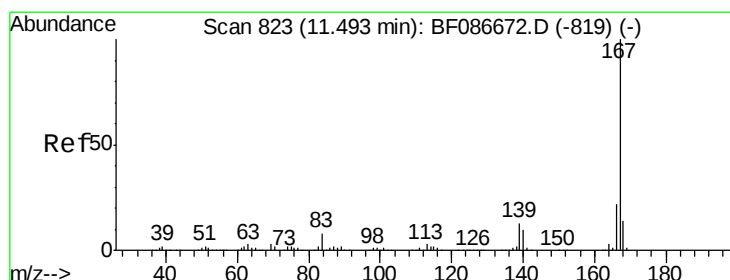
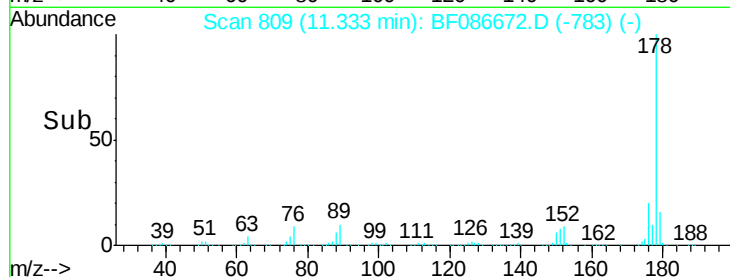
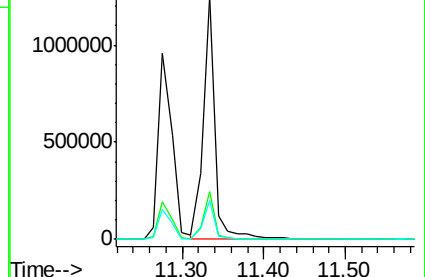
179 15.8 12.7 19.1



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: 41.16 ng

RT: 11.49 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

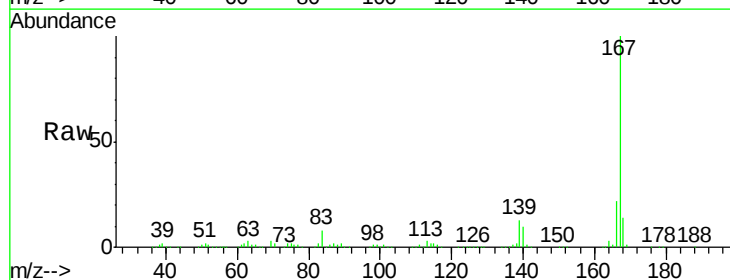
Tgt Ion:167 Resp: 1099416

Ion Ratio Lower Upper

167 100

166 22.2 17.7 26.5

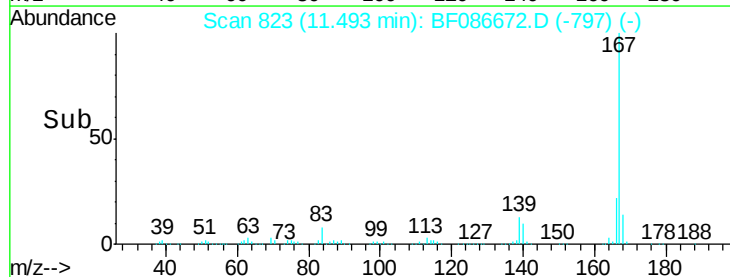
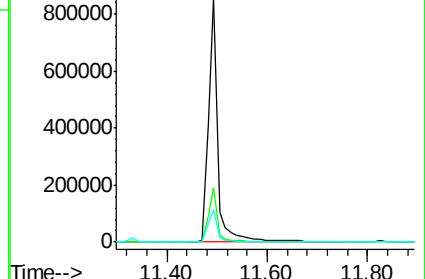
139 13.1 10.8 16.2

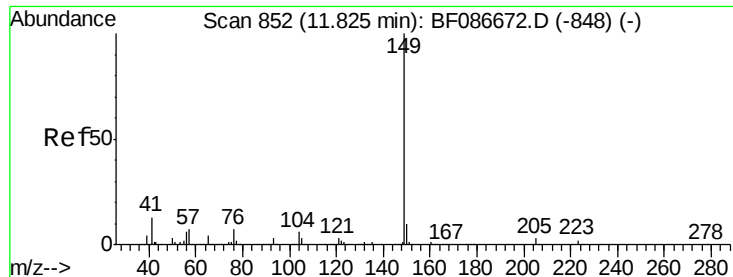


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.02 ng

RT: 11.82 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

Instrument :

BNA_F

ClientSampleId :

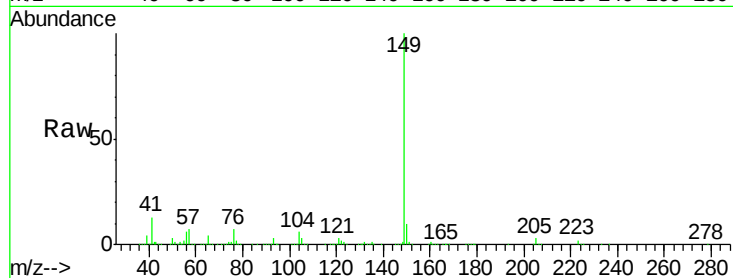
Tot Ion:149 Resp: 1211018

Ion Ratio Lower Upper

149 100

150 9.7 7.6 11.4

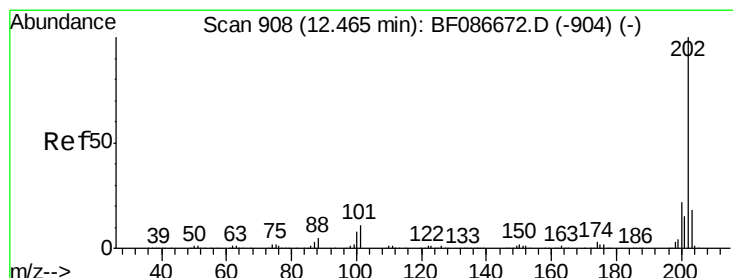
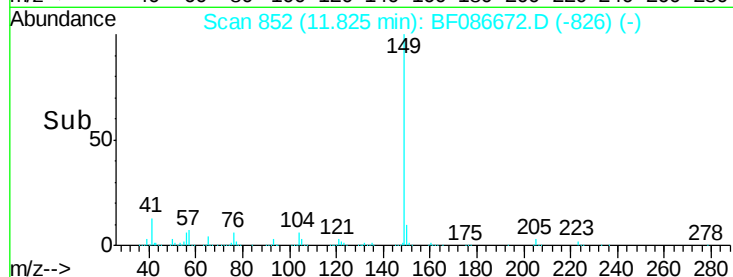
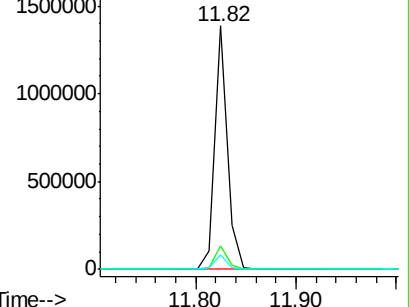
104 6.1 3.8 5.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.04 ng

RT: 12.46 min Scan# 908

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

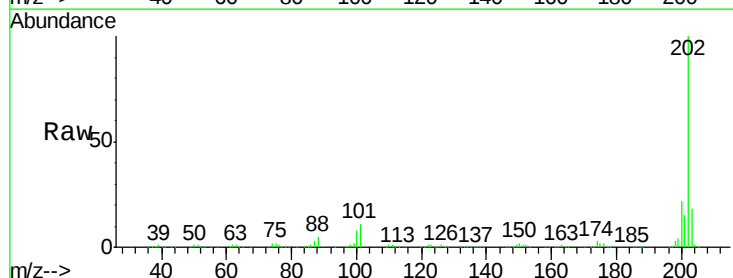
Tgt Ion:202 Resp: 1227112

Ion Ratio Lower Upper

202 100

101 10.9 0.0 35.4

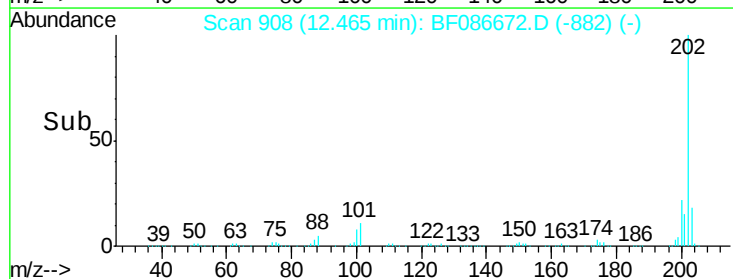
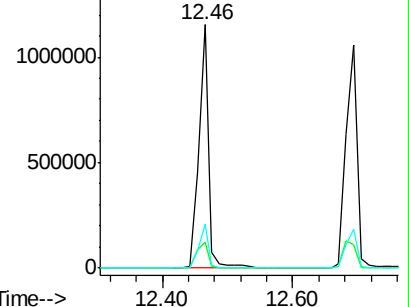
203 17.8 0.0 38.1

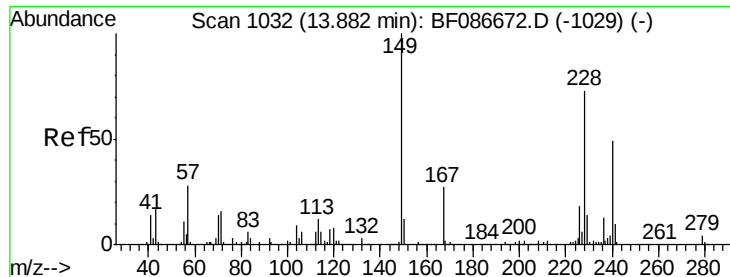


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.88 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

Instrument :

BNA_F

ClientSampleId :

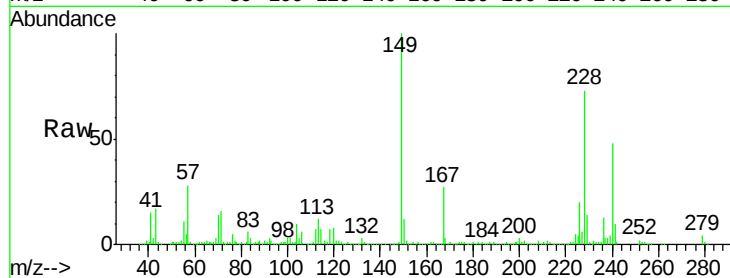
Tot Ion:240 Resp: 342369

Ion Ratio Lower Upper

240 100

120 17.5 11.2 16.8#

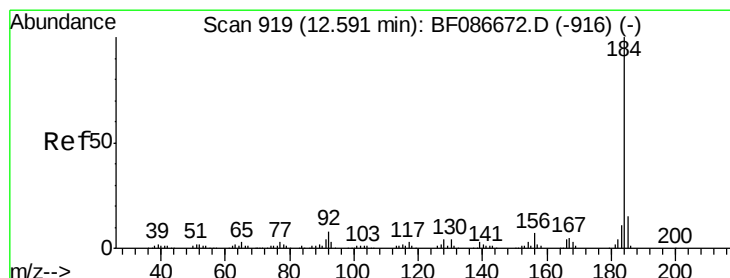
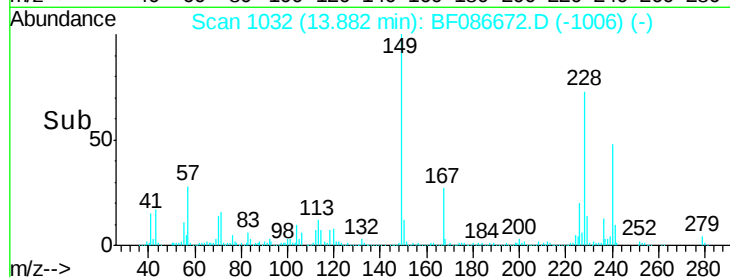
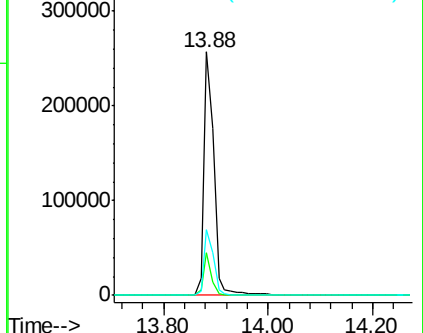
236 26.9 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 28.84 ng

RT: 12.59 min Scan# 919

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

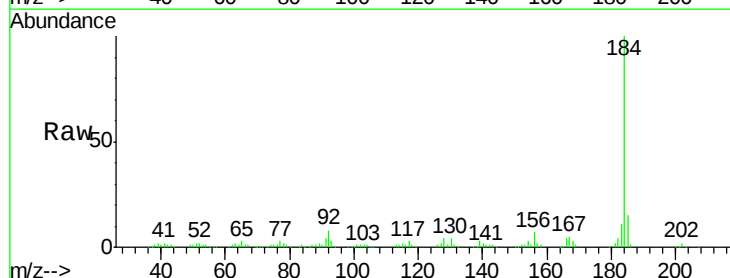
Tgt Ion:184 Resp: 339371

Ion Ratio Lower Upper

184 100

185 15.2 13.6 20.4

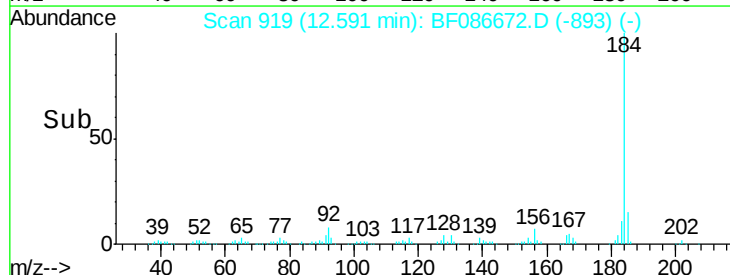
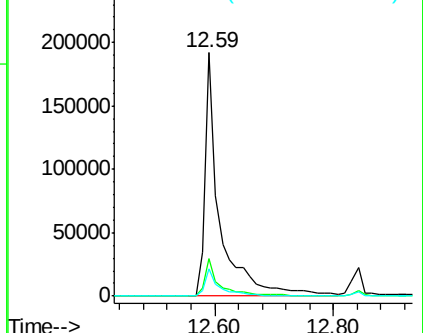
183 11.4 9.8 14.6

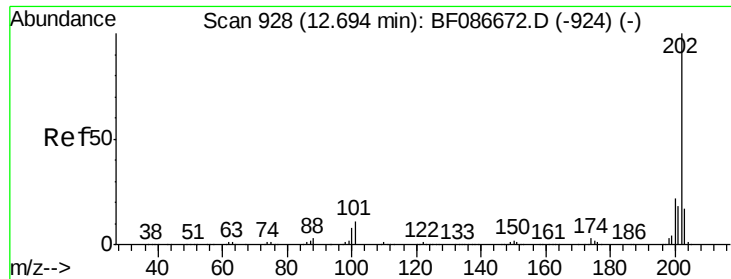


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

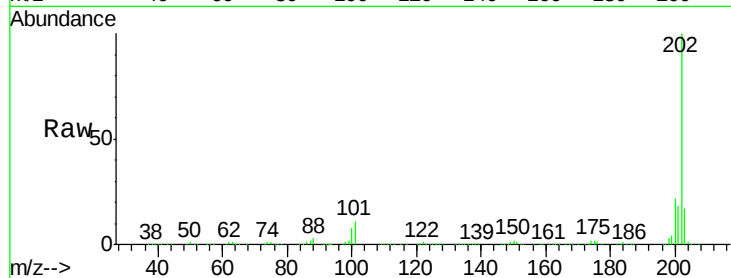




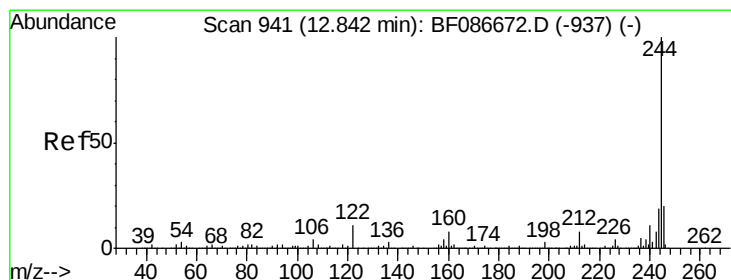
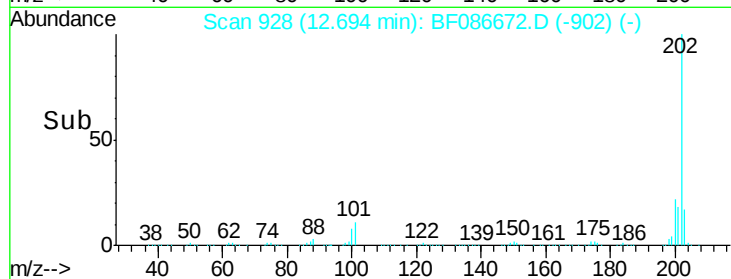
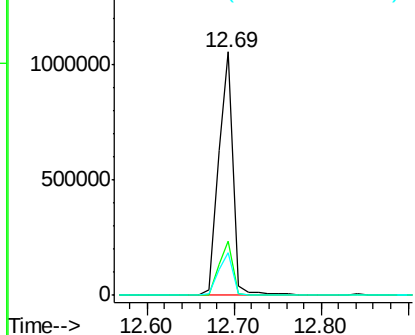
#77
Pvrene
Concen: 49.78 ng
RT: 12.69 min Scan# 928
Delta R.T. 0.00 min
Lab File: BF086672.D
Acq: 4 May 2016 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1228172
Ion Ratio Lower Upper
202 100
200 22.3 17.7 26.5
203 17.4 14.2 21.4

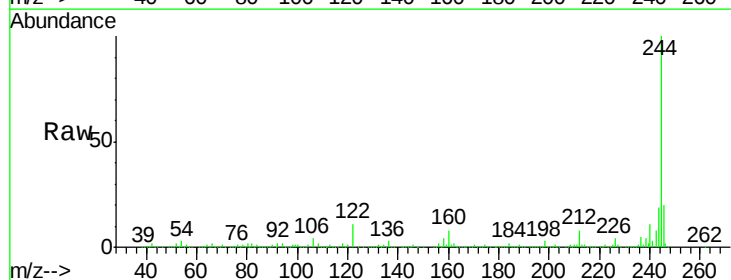


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

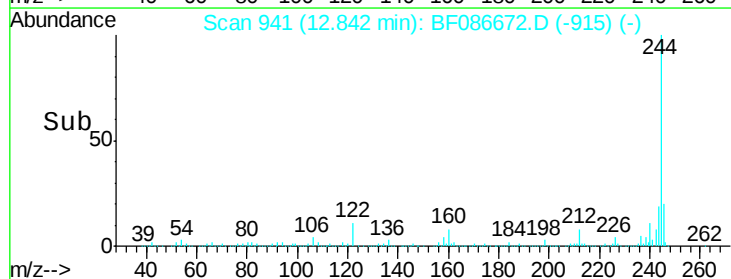
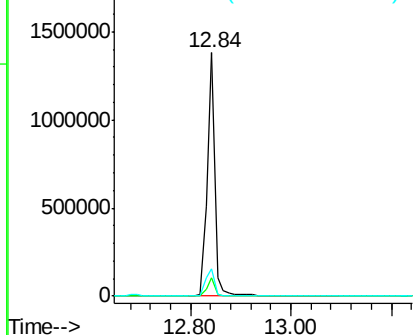


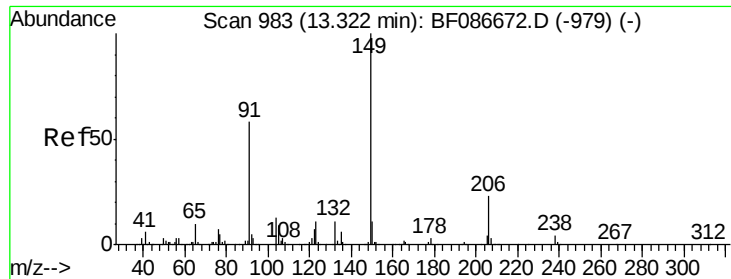
#78
Terphenyl-d14
Concen: 94.02 ng
RT: 12.84 min Scan# 941
Delta R.T. 0.00 min
Lab File: BF086672.D
Acq: 4 May 2016 12:45

Tgt Ion:244 Resp: 1461118
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.2
122 11.0 12.0 18.0#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

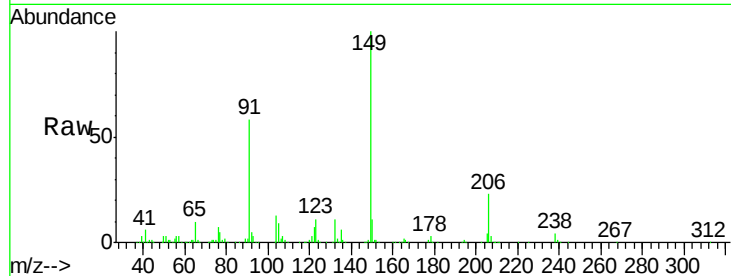




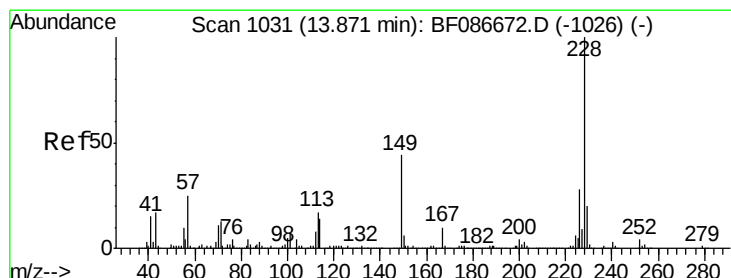
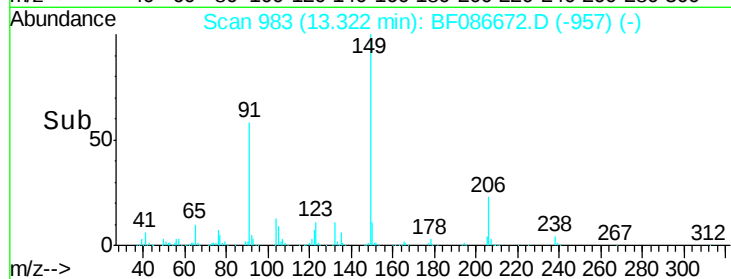
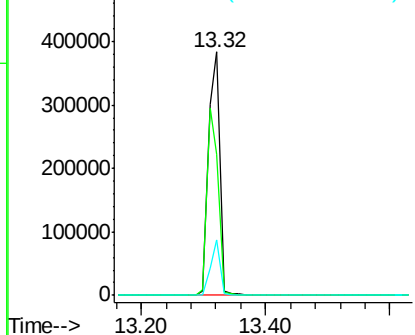
#79
Butylbenzylphthalate
Concen: 45.74 ng
RT: 13.32 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF086672.D
Acq: 4 May 2016 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 488693
Ion Ratio Lower Upper
149 100
91 58.1 48.0 72.0
206 23.0 15.8 23.6

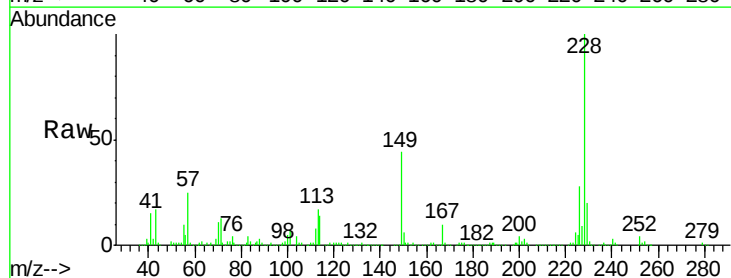


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

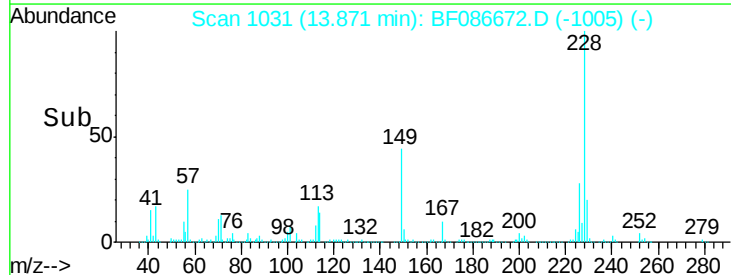
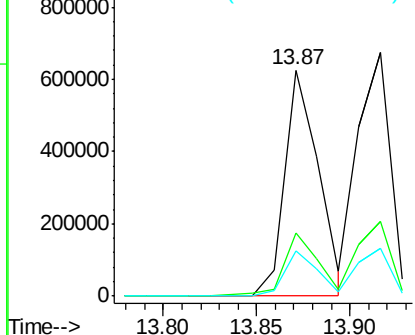


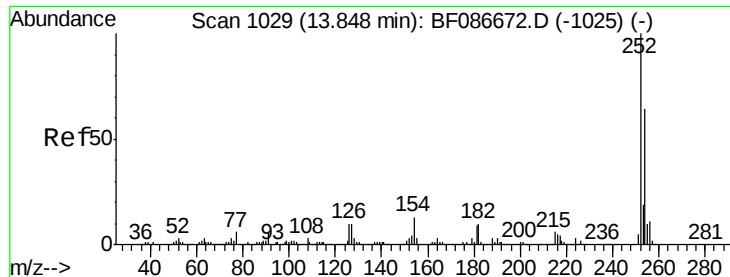
#80
Benzo(a)anthracene
Concen: 43.37 ng
RT: 13.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF086672.D
Acq: 4 May 2016 12:45

Tgt Ion:228 Resp: 791723
Ion Ratio Lower Upper
228 100
226 28.1 22.5 33.7
229 20.0 16.6 25.0



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

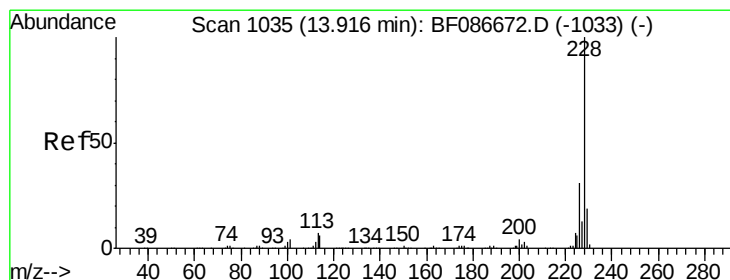
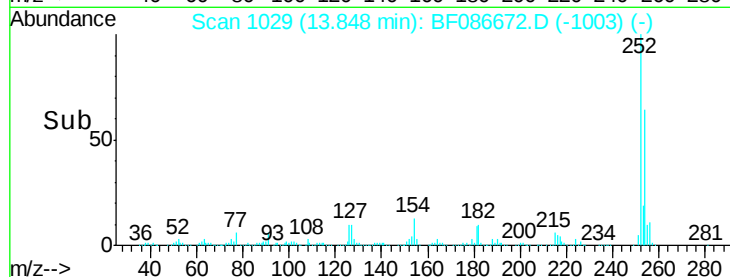
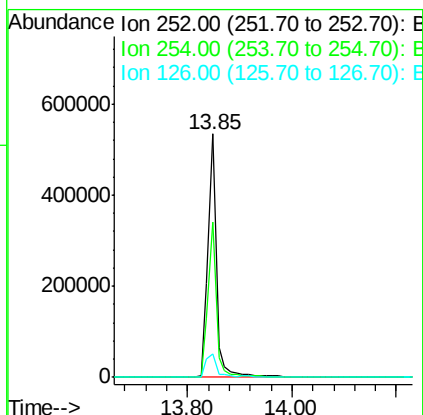
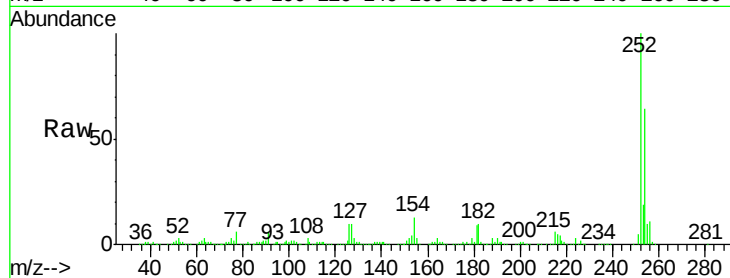




#81
 3,3'-Dichlorobenzidine
 Concen: 50.53 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: BF086672.D
 Acq: 4 May 2016 12:45

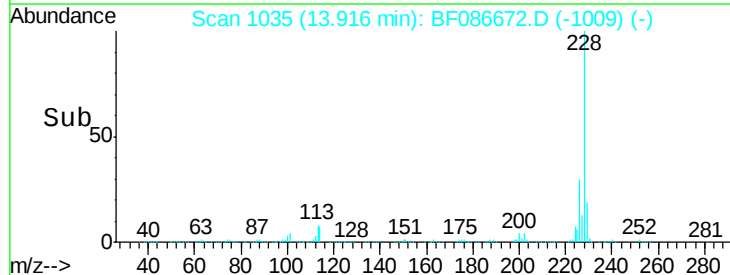
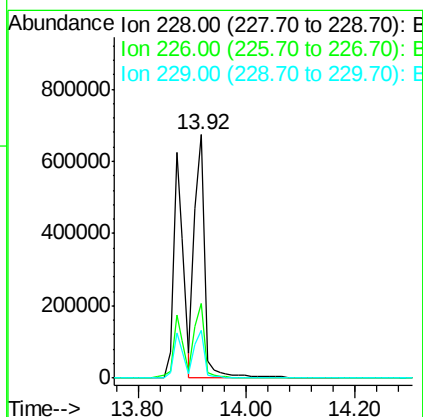
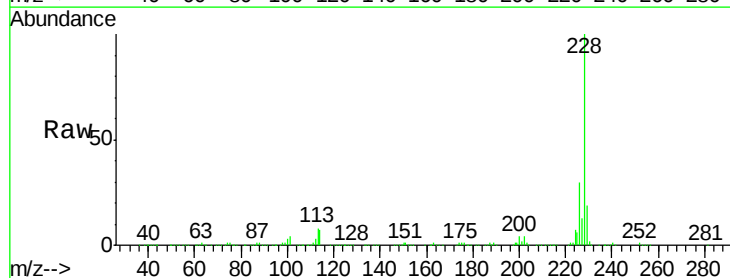
Instrument :
 BNA_F
 ClientSampleId :

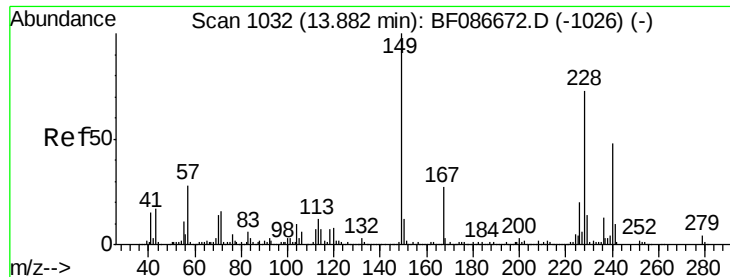
Tot Ion:252 Resp: 616606
 Ion Ratio Lower Upper
 252 100
 254 64.0 50.7 76.1
 126 9.8 12.7 19.1#



#82
 Chrysene
 Concen: 44.43 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF086672.D
 Acq: 4 May 2016 12:45

Tgt Ion:228 Resp: 881531
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.4 36.6
 229 19.4 15.8 23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.26 ng

RT: 13.88 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

Instrument :

BNA_F

ClientSampleId :

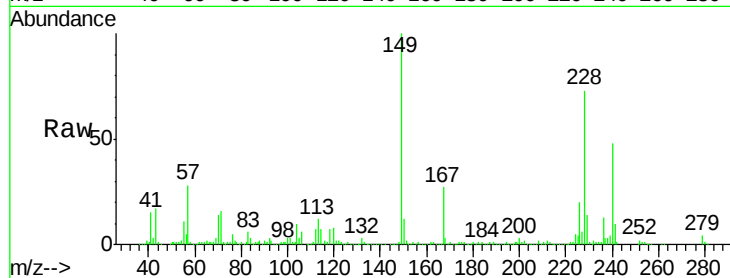
Tot Ion:149 Resp: 573707

Ion Ratio Lower Upper

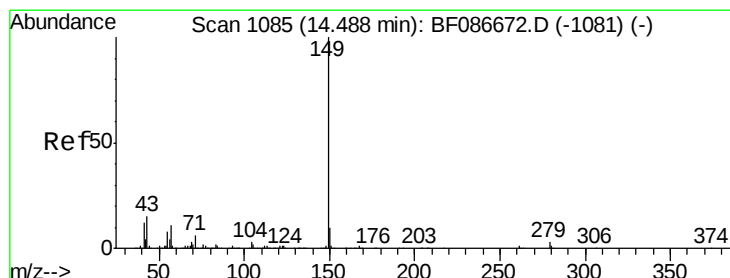
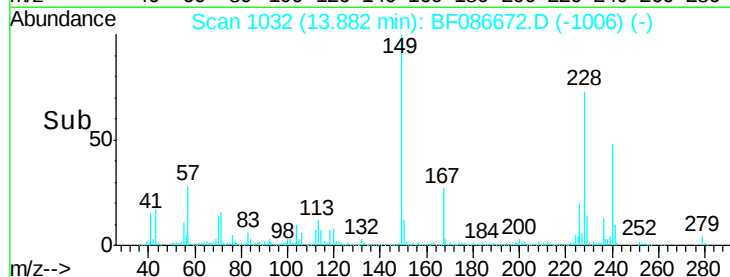
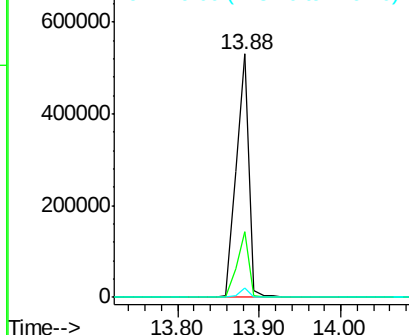
149 100

167 26.8 21.8 32.6

279 3.8 2.6 4.0



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: 39.96 ng

RT: 14.49 min Scan# 1085

Delta R.T. 0.00 min

Lab File: BF086672.D

Acq: 4 May 2016 12:45

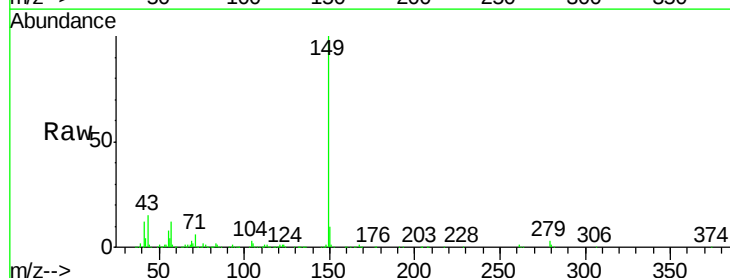
Tgt Ion:149 Resp: 829914

Ion Ratio Lower Upper

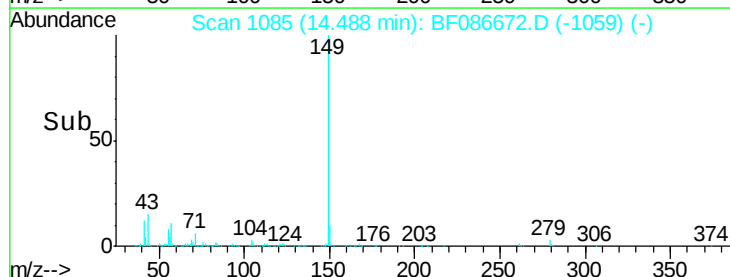
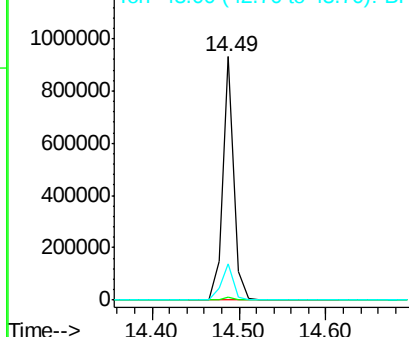
149 100

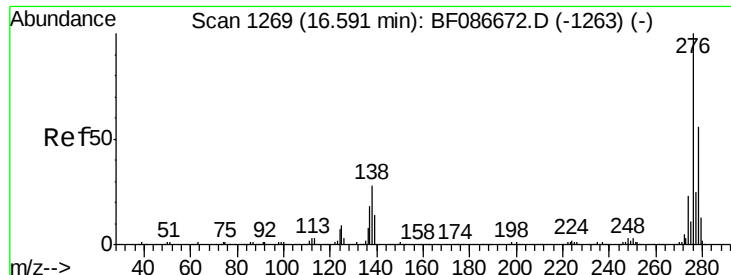
167 1.5 1.2 1.8

43 16.2 8.2 12.4#



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

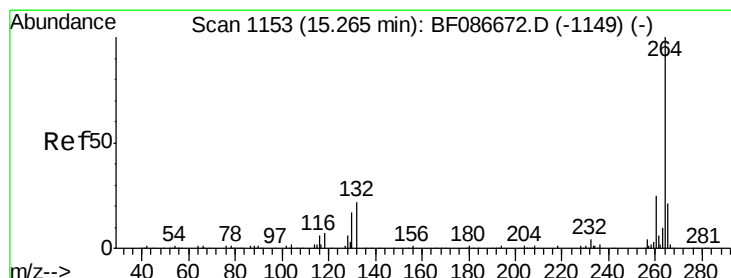
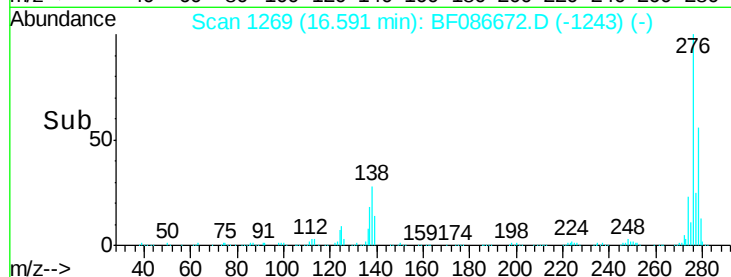
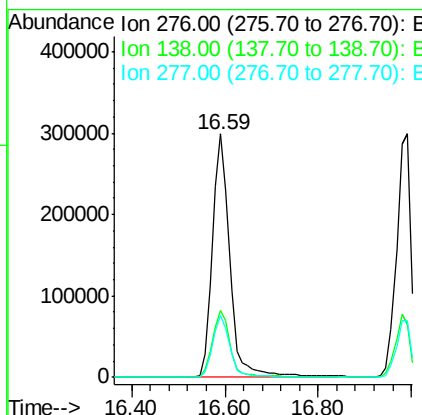
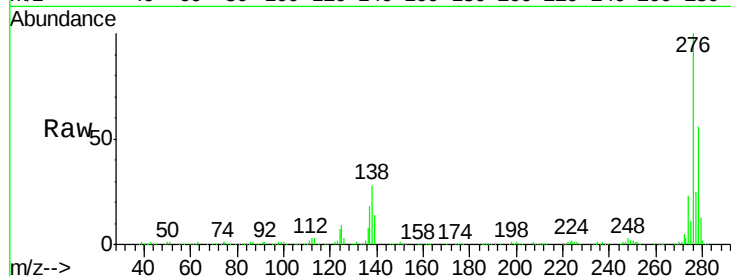




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 53.25 ng
 RT: 16.59 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: BF086672.D
 Acq: 4 May 2016 12:45

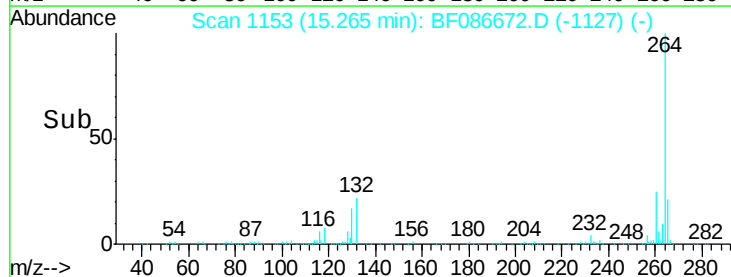
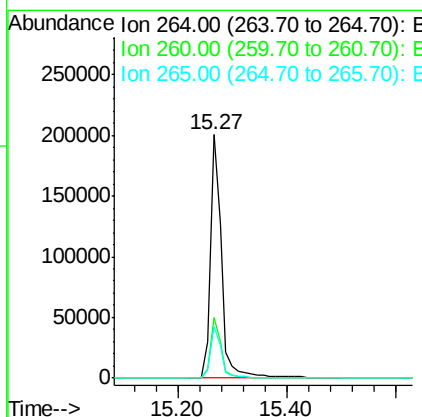
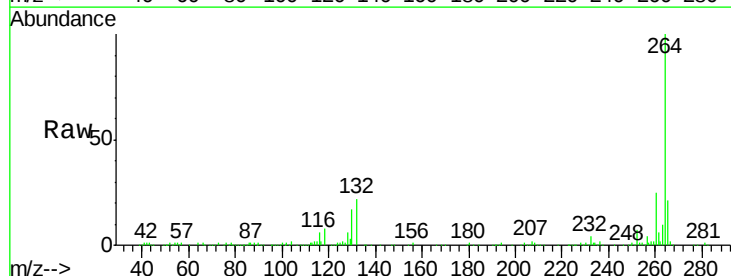
Instrument :
 BNA_F
 ClientSampleId :

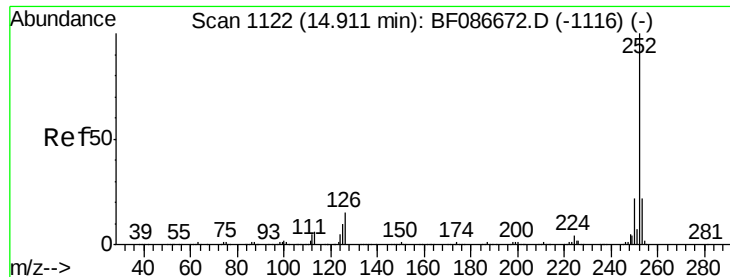
Tot Ion	Ratio	Lower	Upper
276	100		
138	28.7	25.6	38.4
277	25.5	20.5	30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.27 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BF086672.D
 Acq: 4 May 2016 12:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	21.5	17.3	25.9

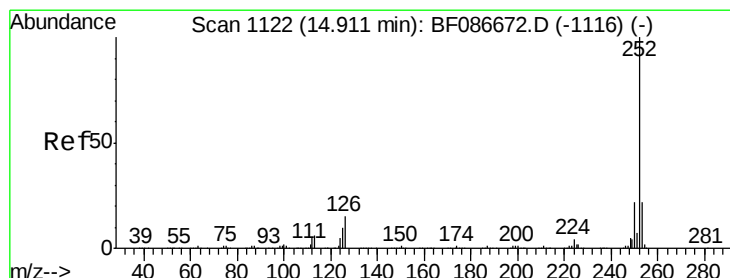
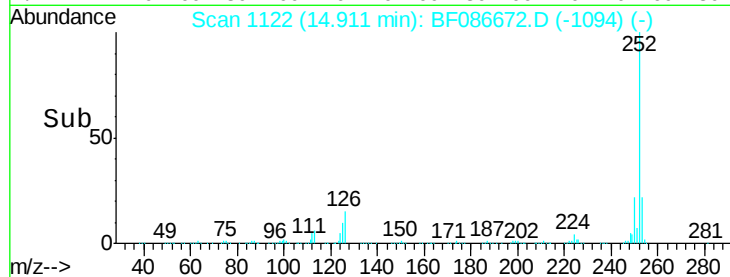
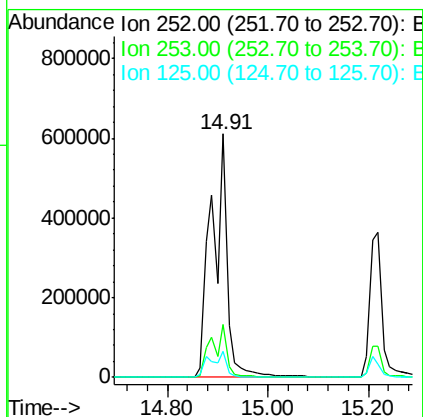
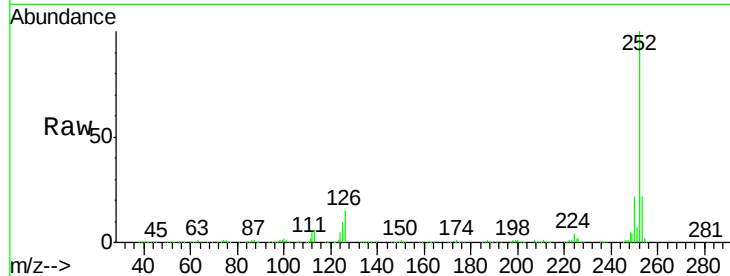




#87
Benzo(b)fluoranthene
Concen: 79.53 ng
RT: 14.91 min Scan# 1122
Delta R.T. 0.02 min
Lab File: BF086672.D
Acq: 4 May 2016 12:45

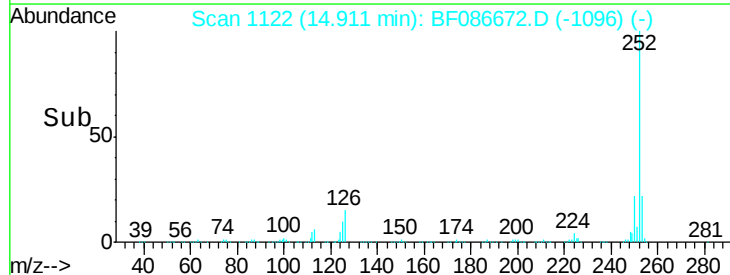
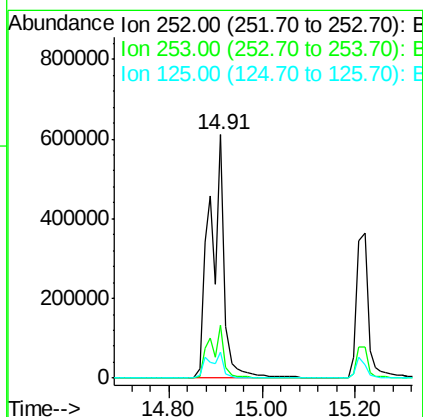
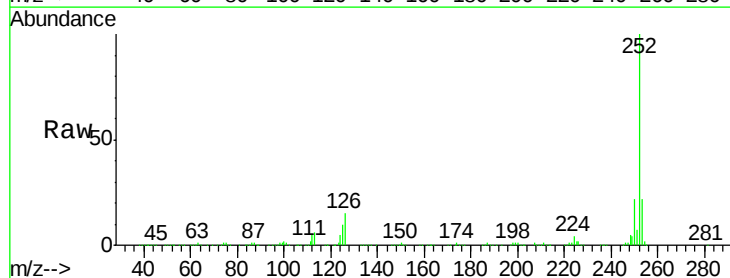
Instrument :
BNA_F
ClientSampleId :

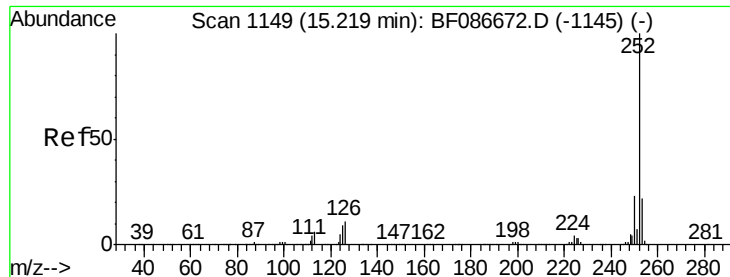
Tot Ion:252 Resp: 1336946
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 10.4 11.4 17.0#



#88
Benzo(k)fluoranthene
Concen: 76.36 ng
RT: 14.91 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BF086672.D
Acq: 4 May 2016 12:45

Tgt Ion:252 Resp: 1338966
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 10.4 9.1 13.7

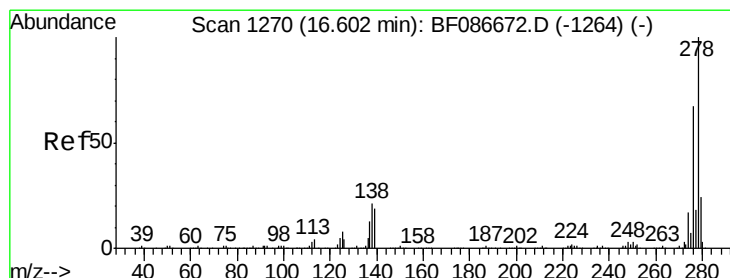
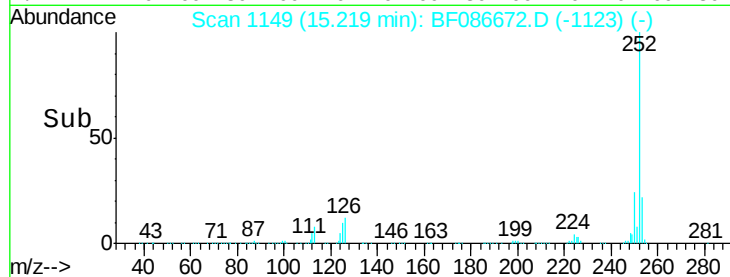
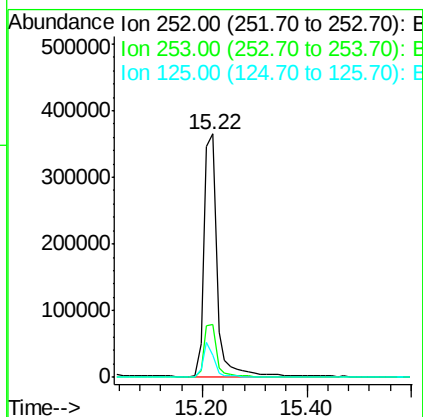
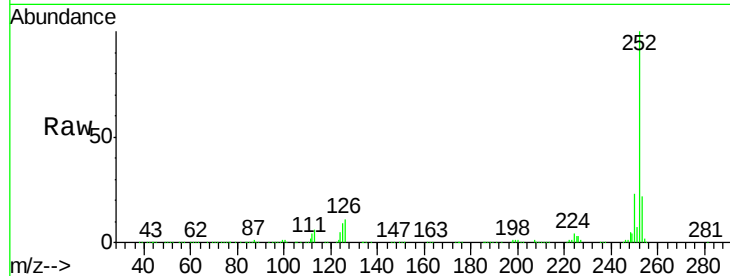




#89
Benzo(a)pyrene
Concen: 39.69 ng
RT: 15.22 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF086672.D
Acq: 4 May 2016 12:45

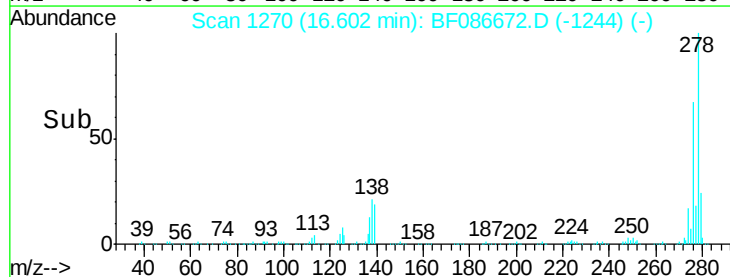
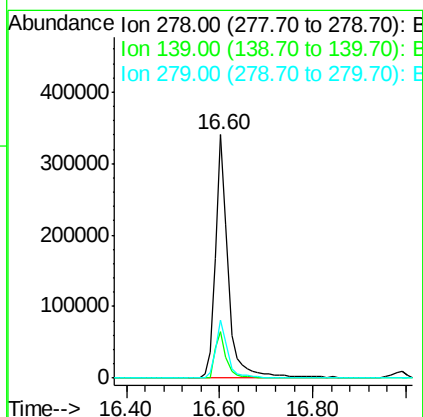
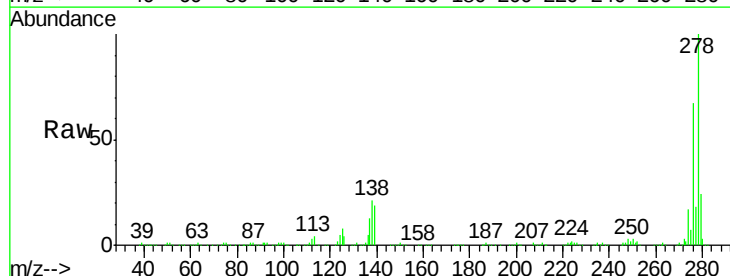
Instrument :
BNA_F
ClientSampleId :

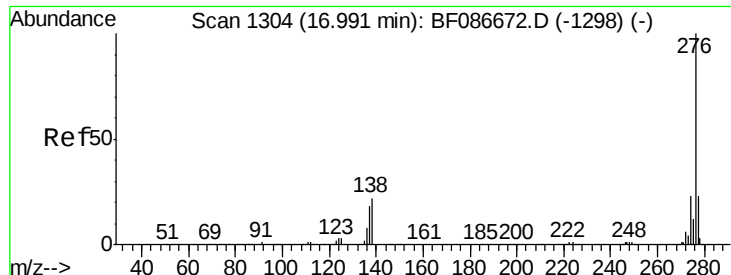
Tot Ion:252 Resp: 629931
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 8.9 9.0 13.6#



#90
Dibenzo(a,h)anthracene
Concen: 49.90 ng
RT: 16.60 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BF086672.D
Acq: 4 May 2016 12:45

Tgt Ion:278 Resp: 648168
Ion Ratio Lower Upper
278 100
139 18.8 16.6 24.8
279 24.1 19.6 29.4

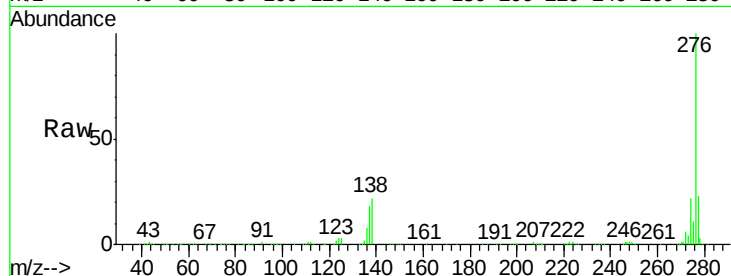




#91
 Benzo(a,h,i)perylene
 Concen: 52.38 ng
 RT: 16.99 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: BF086672.D
 Acq: 4 May 2016 12:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 276 Resp: 681865
 Ion Ratio Lower Upper
 276 100
 277 23.3 19.6 29.4
 138 21.7 23.6 35.4#



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

