

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050416\
 Data File : BF086671.D
 Acq On : 4 May 2016 12:17
 Operator : UM/SJ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 04 13:28:31 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	180361	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	733913	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	361957	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	630566	20.00	ng	0.00
75) Chrysene-d12	13.88	240	447153	20.00	ng	0.00
86) Perylene-d12	15.27	264	345134	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	575528	55.04	ng	0.00
7) Phenol-d6	6.37	99	719660	49.31	ng	0.00
23) Nitrobenzene-d5	7.31	82	750885	55.15	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	187479	49.12	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1237809	57.88	ng	0.00
78) Terphenyl-d14	12.84	244	1180368	58.16	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.26	88	133736	24.35	ng	# 72
3) Pyridine	2.94	79	319928	24.61	ng	# 72
4) n-Nitrosodimethylamine	2.88	42	202725	27.36	ng	# 53
6) Aniline	6.40	93	473206	26.80	ng	96
8) 2-Chlorophenol	6.52	128	329398	25.29	ng	98
9) Benzaldehyde	6.28	77	203980	24.02	ng	95
10) Phenol	6.38	94	403749	24.80	ng	72
11) bis(2-Chloroethyl)ether	6.48	93	359143	25.51	ng	93
12) 1,3-Dichlorobenzene	6.91	146	313231	22.36	ng	99
13) 1,4-Dichlorobenzene	6.91	146	324705	22.46	ng	99
14) 1,2-Dichlorobenzene	6.91	146	327222	24.69	ng	96
15) Benzyl Alcohol	6.89	79	248596	26.93	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.02	45	698500	24.79	ng	88
17) 2-Methylphenol	7.00	107	264748	25.15	ng	94
18) Hexachloroethane	7.25	117	136369	25.25	ng	# 83
19) n-Nitroso-di-n-propylamine	7.16	70	247985	25.71	ng	# 80
20) 3+4-Methylphenols	7.16	107	323284	26.90	ng	# 70
22) Acetophenone	7.15	105	425754	26.46	ng	# 90
24) Nitrobenzene	7.32	77	388832	27.76	ng	97
25) Isophorone	7.56	82	649774	24.80	ng	98
26) 2-Nitrophenol	7.64	139	178823	27.73	ng	# 83
27) 2,4-Dimethylphenol	7.69	122	309956	27.39	ng	93
28) bis(2-Chloroethoxy)methane	7.78	93	364838	25.56	ng	98
29) 2,4-Dichlorophenol	7.88	162	255494	26.76	ng	95
30) 1,2,4-Trichlorobenzene	7.97	180	285568	25.78	ng	97
31) Naphthalene	8.04	128	913145	24.45	ng	99
32) Benzoic acid	7.78	122	78950	13.46	ng	87
33) 4-Chloroaniline	8.10	127	392528	28.07	ng	# 94
34) Hexachlorobutadiene	8.17	225	167510	26.98	ng	98
35) Caprolactam	8.46	113	84298	26.47	ng	# 69
36) 4-Chloro-3-methylphenol	8.59	107	288782	26.42	ng	94
37) 2-Methylnaphthalene	8.74	142	603790	27.40	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	259522	25.05	ng	99
40) Hexachlorocyclopentadiene	8.89	237	94001	18.26	ng	96

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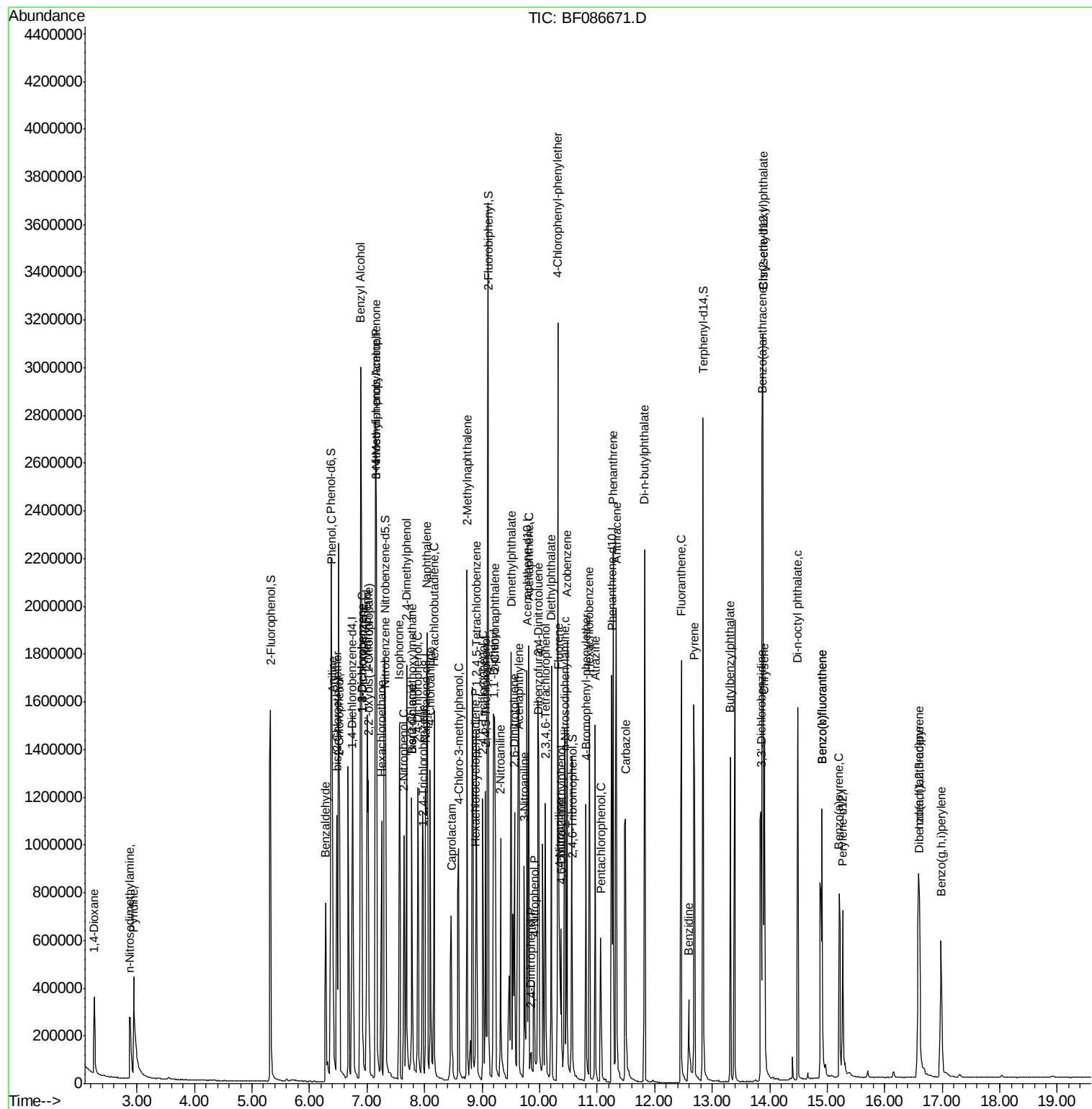
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	164696	25.15	nq	96
43) 2,4,5-Trichlorophenol	9.06	196	187067	26.21	nq	# 93
45) 1,1'-Biphenyl	9.21	154	732559	24.21	nq	99
46) 2-Chloronaphthalene	9.22	162	574906	24.99	nq	92
47) 2-Nitroaniline	9.32	65	209098	28.35	nq	# 80
48) Acenaphthylene	9.64	152	905403	25.18	nq	98
49) Dimethylphthalate	9.50	163	671685	24.65	nq	100
50) 2,6-Dinitrotoluene	9.56	165	142034	25.23	nq	# 69
51) Acenaphthene	9.81	154	579093	25.07	nq	99
52) 3-Nitroaniline	9.73	138	167945	26.23	nq	91
53) 2,4-Dinitrophenol	9.85	184	25333	10.06	nq	88
54) Dibenzofuran	9.98	168	735300	25.47	nq	97
55) 4-Nitrophenol	9.90	139	92572	22.08	nq	84
56) 2,4-Dinitrotoluene	9.97	165	188423	26.26	nq	# 84
57) Fluorene	10.33	166	597905	23.86	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.10	232	137810	24.69	nq	99
59) Diethylphthalate	10.20	149	637717	24.72	nq	100
60) 4-Chlorophenyl-phenylether	10.32	204	280047	24.61	nq	96
61) 4-Nitroaniline	10.34	138	164892	26.35	nq	# 72
62) Azobenzene	10.48	77	733863	25.97	nq	89
64) 4,6-Dinitro-2-methylphenol	10.37	198	64475	17.42	nq	# 70
65) n-Nitrosodiphenylamine	10.44	169	517523	26.26	nq	100
66) 4-Bromophenyl-phenylether	10.81	248	168112	25.87	nq	# 85
67) Hexachlorobenzene	10.86	284	189148	25.15	nq	# 70
68) Atrazine	10.97	200	177370	29.97	nq	96
69) Pentachlorophenol	11.06	266	74317	18.74	nq	93
70) Phenanthrene	11.28	178	851915	25.74	nq	100
71) Anthracene	11.33	178	976617	27.65	nq	99
72) Carbazole	11.49	167	818103	26.14	nq	99
73) Di-n-butylphthalate	11.82	149	973106	27.44	nq	99
74) Fluoranthene	12.47	202	944206	28.27	nq	92
76) Benzidine	12.59	184	244221	15.89	nq	97
77) Pyrene	12.68	202	896646	27.83	nq	100
79) Butylbenzylphthalate	13.31	149	378111	27.10	nq	# 60
80) Benzo(a)anthracene	13.87	228	639474	26.82	nq	99
81) 3,3'-Dichlorobenzidine	13.85	252	412441	25.88	nq	# 95
82) Chrysene	13.91	228	694354	26.80	nq	100
83) Bis(2-ethylhexyl)phthalate	13.88	149	455159	26.28	nq	100
84) Di-n-octyl phthalate	14.49	149	672300	24.78	nq	# 87
85) Indeno(1,2,3-cd)pyrene	16.59	276	553978	28.85	nq	97
87) Benzo(b)fluoranthene	14.91	252	1070262	52.71	nq	# 95
88) Benzo(k)fluoranthene	14.91	252	1071109	50.58	nq	98
89) Benzo(a)pyrene	15.21	252	478878	24.98	nq	# 96
90) Dibenzo(a,h)anthracene	16.60	278	463318	29.53	nq	96
91) Benzo(g,h,i)perylene	16.98	276	474388	30.18	nq	95

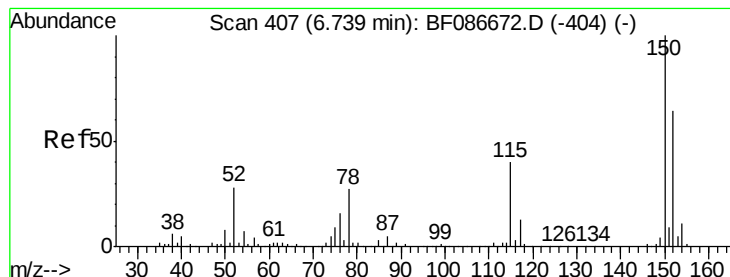
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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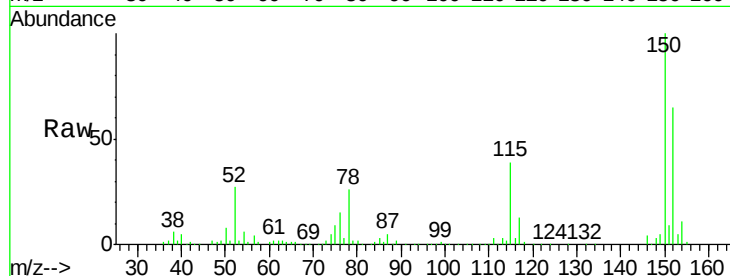


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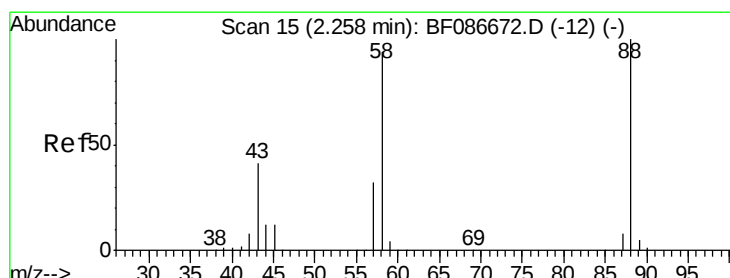
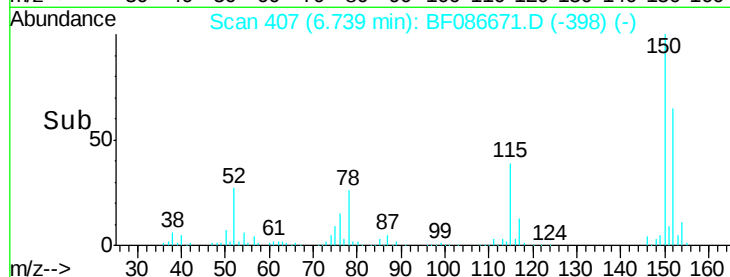
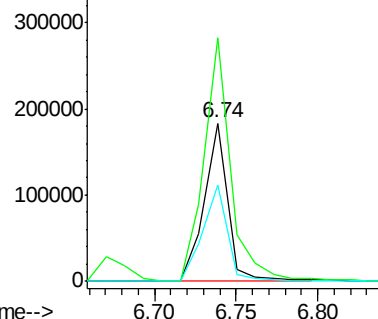
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. 0.00 min
Lab File: BF086671.D
Acq: 4 May 2016 12:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	125.8	188.6
115	60.6	51.5	77.3



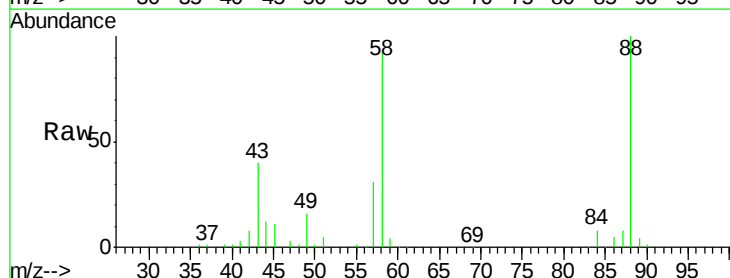
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



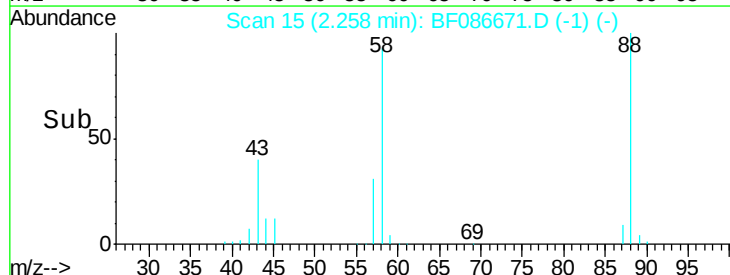
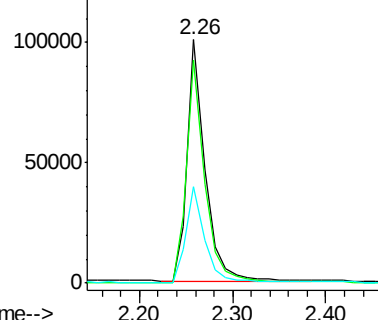
#2

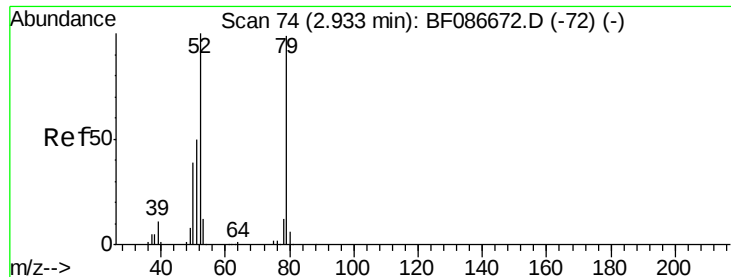
1,4-Dioxane
Concen: 24.35 ng
RT: 2.26 min Scan# 15
Delta R.T. 0.00 min
Lab File: BF086671.D
Acq: 4 May 2016 12:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.6	59.6	89.4#
43	44.6	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: 24.61 ng

RT: 2.94 min Scan# 75

Delta R.T. 0.01 min

Lab File: BF086671.D

Acq: 4 May 2016 12:17

Instrument :

BNA_F

ClientSampleId :

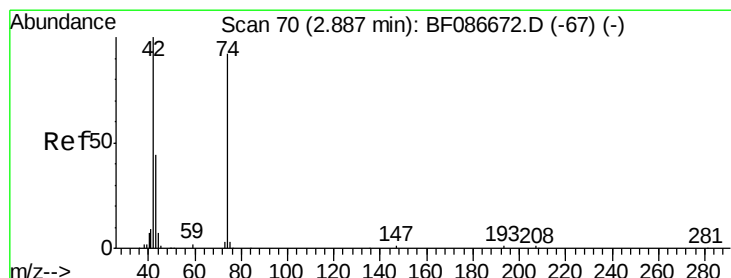
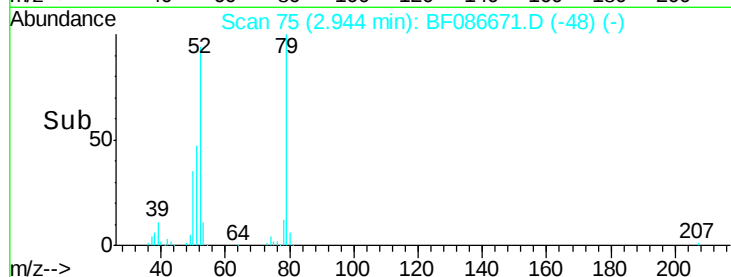
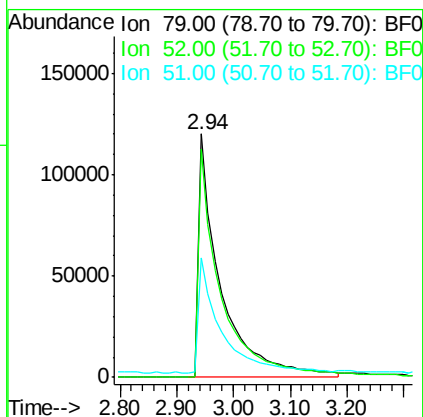
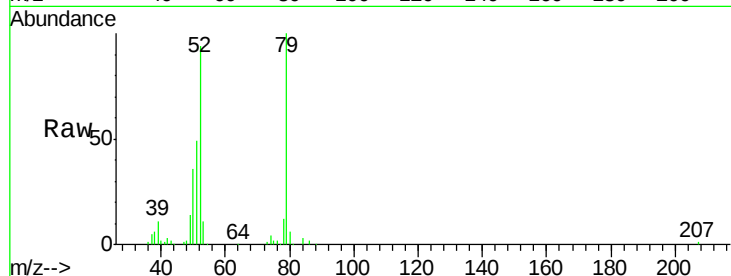
Tot Ion: 79 Resp: 319928

Ion Ratio Lower Upper

79 100

52 93.8 55.9 83.9#

51 49.2 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 27.36 ng

RT: 2.88 min Scan# 69

Delta R.T. -0.01 min

Lab File: BF086671.D

Acq: 4 May 2016 12:17

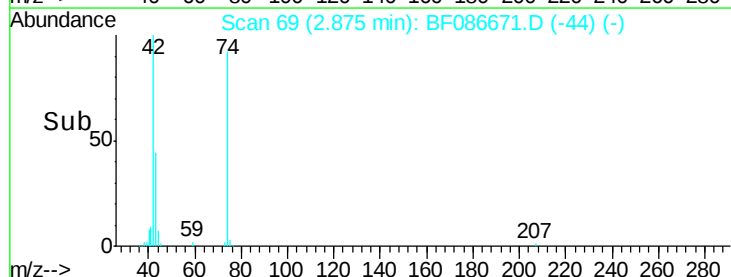
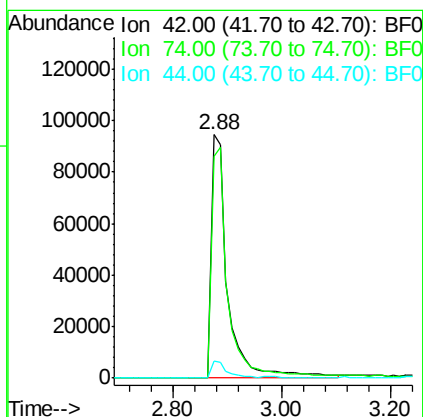
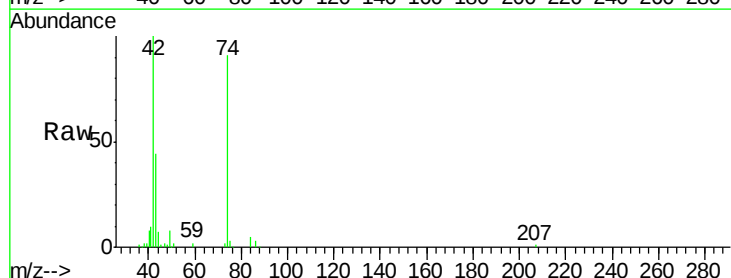
Tgt Ion: 42 Resp: 202725

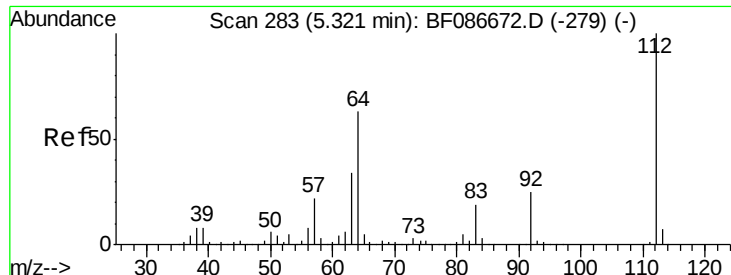
Ion Ratio Lower Upper

42 100

74 91.2 123.4 185.0#

44 6.9 5.8 8.6





#5

2-Fluorophenol

Concen: 55.04 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.00 min

Lab File: BF086671.D

Acq: 4 May 2016 12:17

Instrument :

BNA_F

ClientSampled :

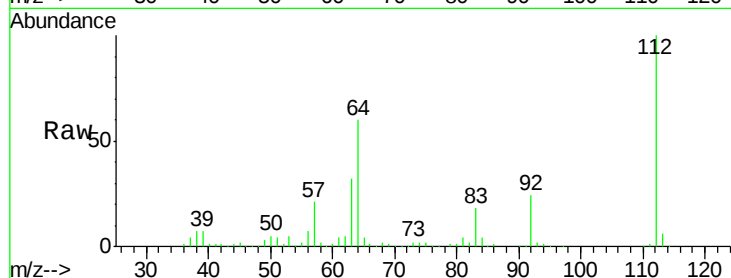
Tot Ion:112 Resp: 575528

Ion Ratio Lower Upper

112 100

64 59.7 52.1 78.1

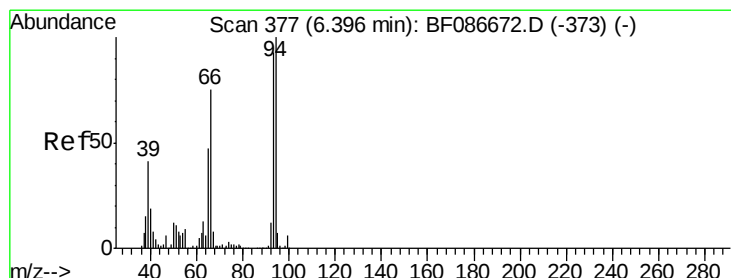
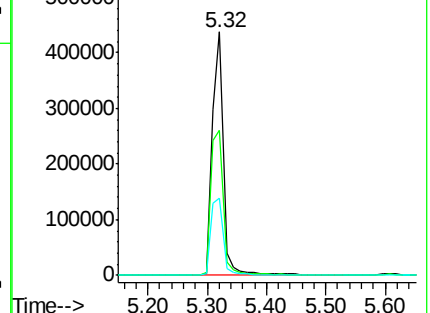
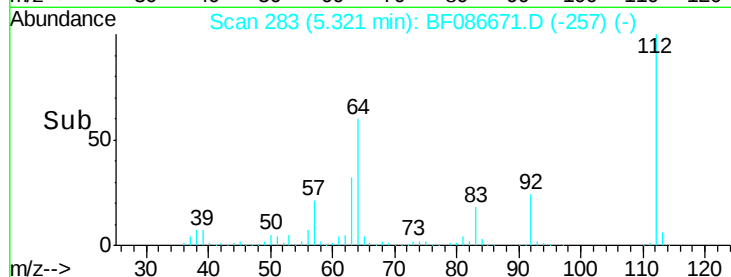
63 31.8 25.7 38.5



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: 26.80 ng

RT: 6.40 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF086671.D

Acq: 4 May 2016 12:17

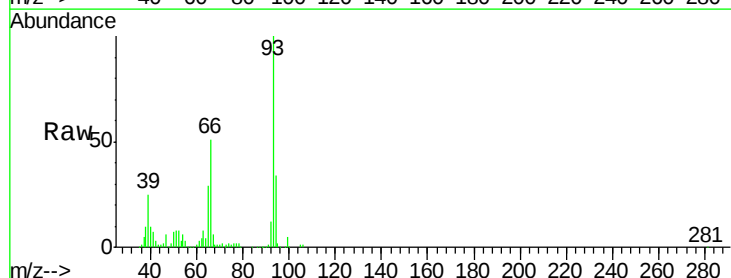
Tgt Ion: 93 Resp: 473206

Ion Ratio Lower Upper

93 100

66 51.3 39.0 58.6

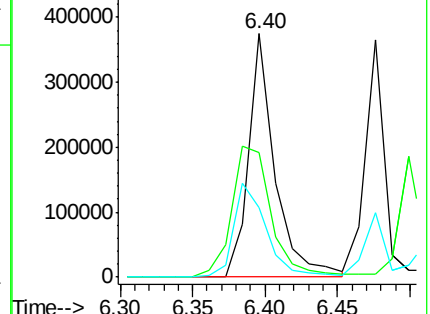
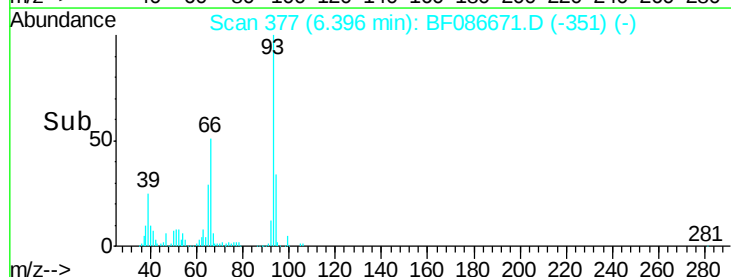
65 28.8 20.6 31.0

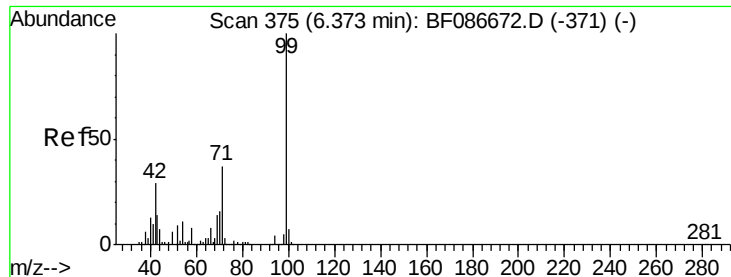


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 49.31 ng

RT: 6.37 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF086671.D

Acq: 4 May 2016 12:17

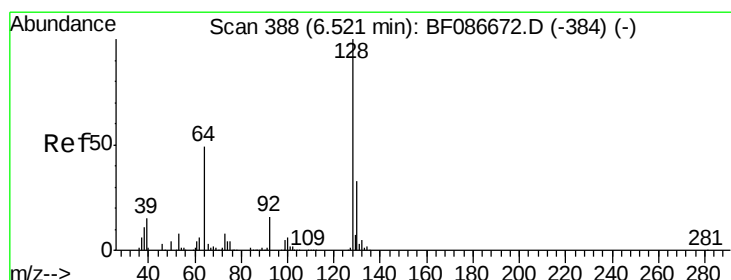
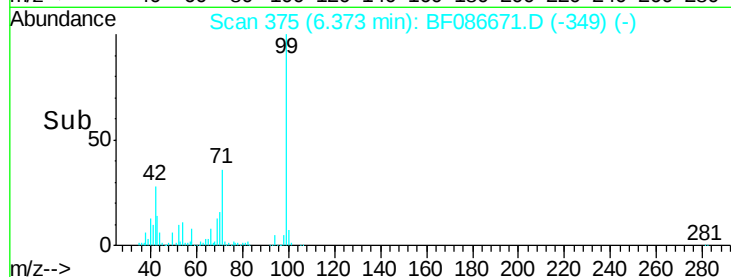
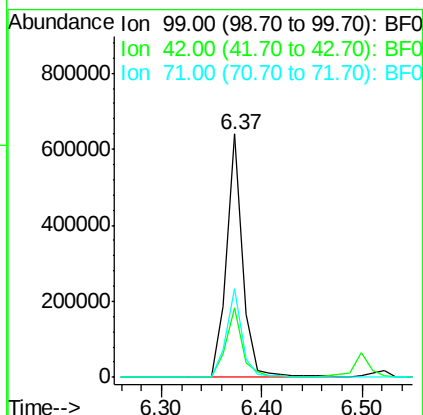
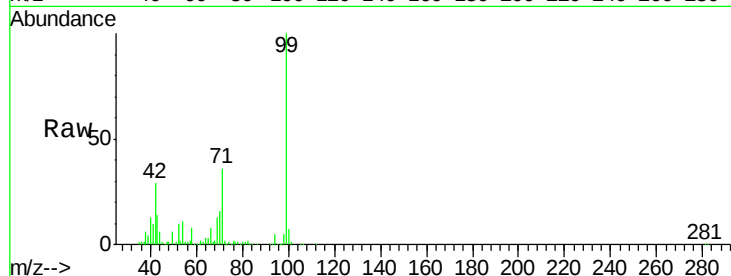
Instrument :

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ClientSampleId :

Tot Ion: 99 Resp: 719660

Ion	Ratio	Lower	Upper
99	100		
42	28.5	13.6	20.4#
71	36.4	24.6	36.8



#8

2-Chlorophenol

Concen: 25.29 ng

RT: 6.52 min Scan# 388

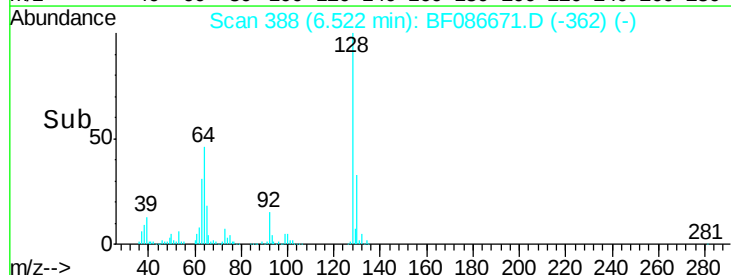
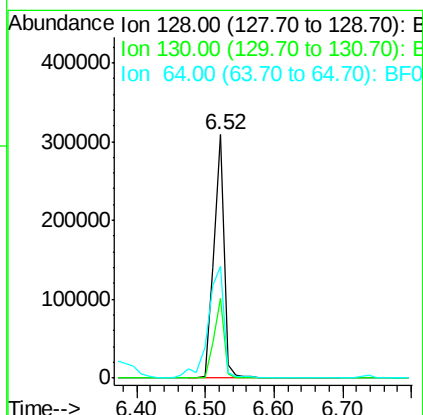
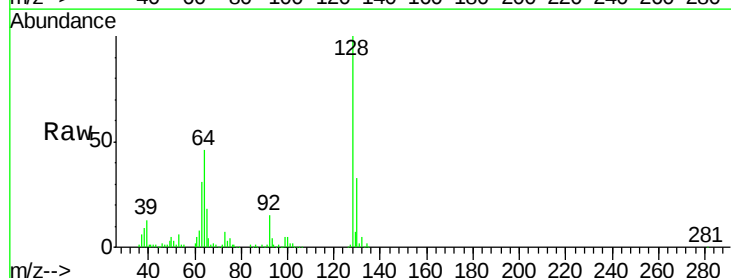
Delta R.T. 0.00 min

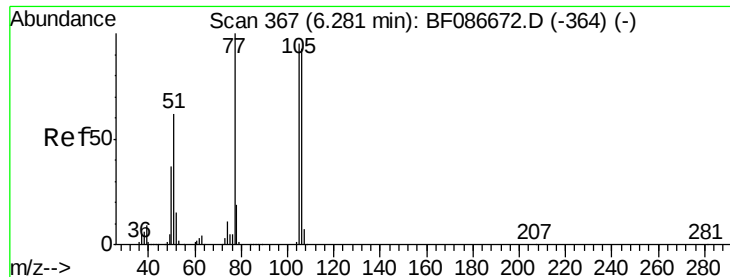
Lab File: BF086671.D

Acq: 4 May 2016 12:17

Tgt Ion: 128 Resp: 329398

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.5	52.5
64	45.7	27.3	67.3





#9

Benzaldehyde

Concen: 24.02 ng

RT: 6.28 min Scan# 367

Delta R.T. 0.00 min

Lab File: BF086671.D

Acq: 4 May 2016 12:17

Instrument :

BNA_F

ClientSampleId :

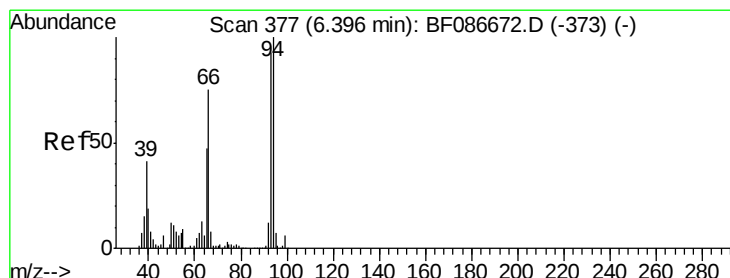
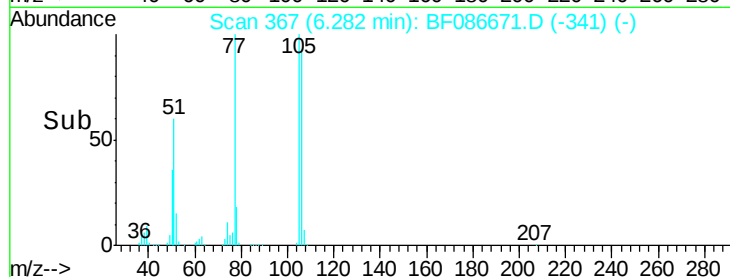
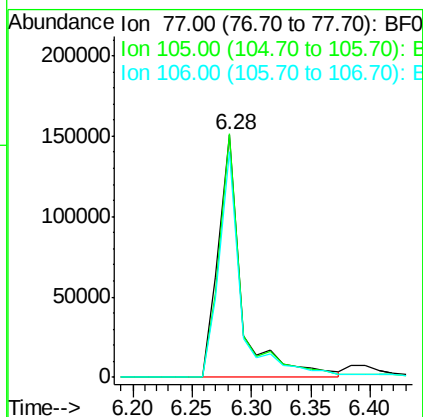
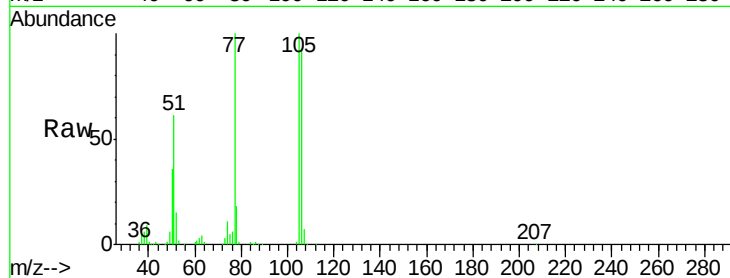
Tot Ion: 77 Resp: 203980

Ion Ratio Lower Upper

77 100

105 100.4 72.7 112.7

106 92.9 70.8 110.8



#10

Phenol

Concen: 24.80 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF086671.D

Acq: 4 May 2016 12:17

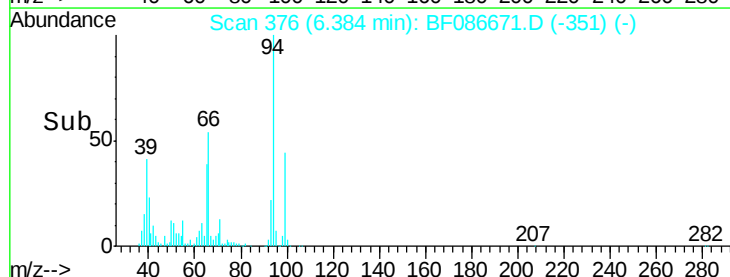
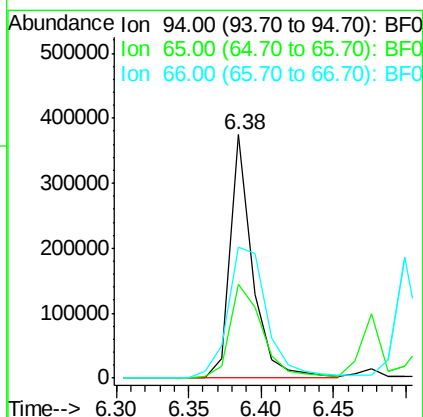
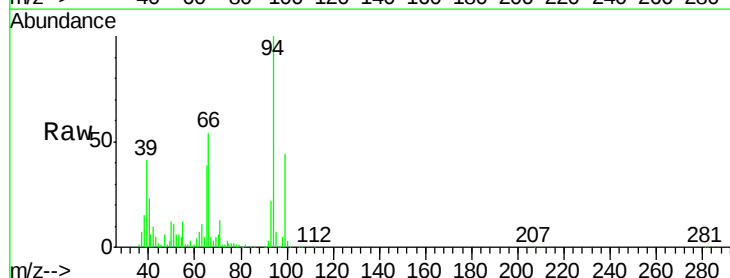
Tgt Ion: 94 Resp: 403749

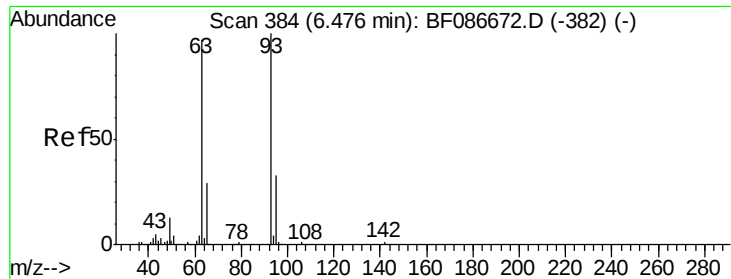
Ion Ratio Lower Upper

94 100

65 38.7 7.2 47.2

66 54.0 14.9 54.9

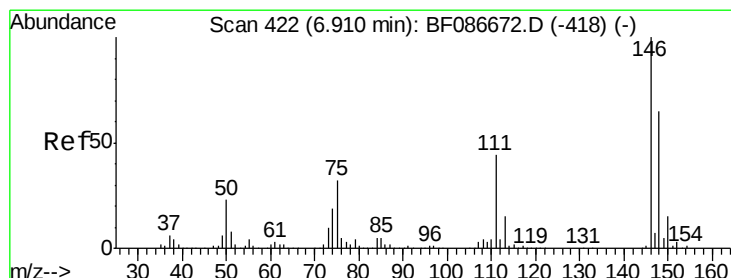
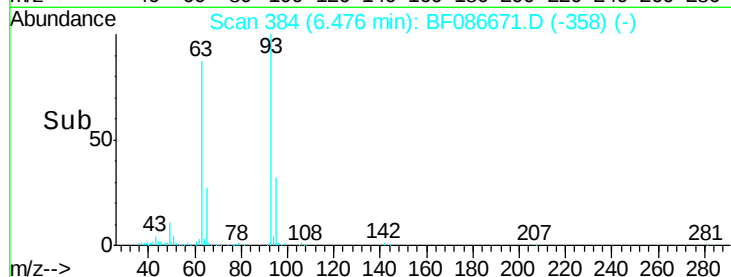
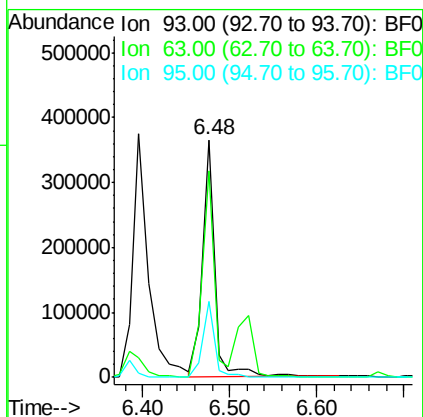
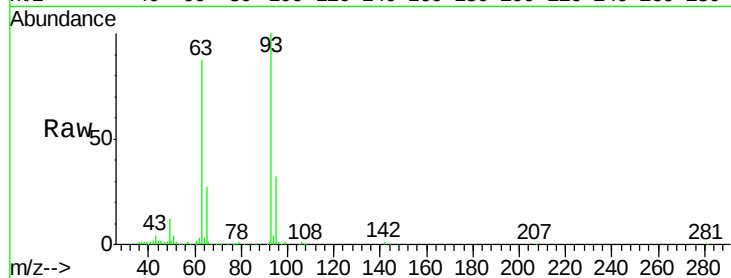




#11
bis(2-Chloroethyl)ether
Concen: 25.51 ng
RT: 6.48 min Scan# 384
Delta R.T. 0.00 min
Lab File: BF086671.D
Acq: 4 May 2016 12:17

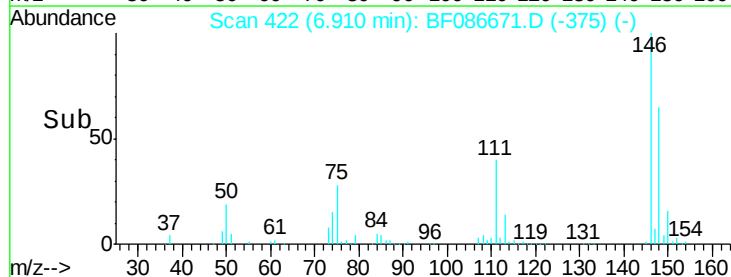
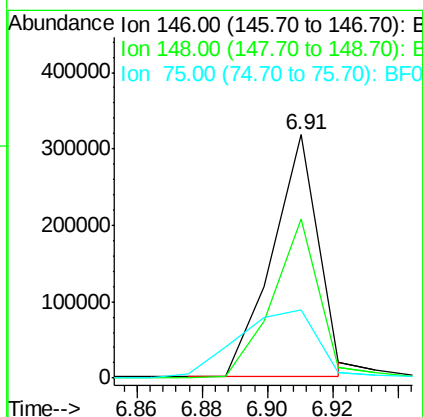
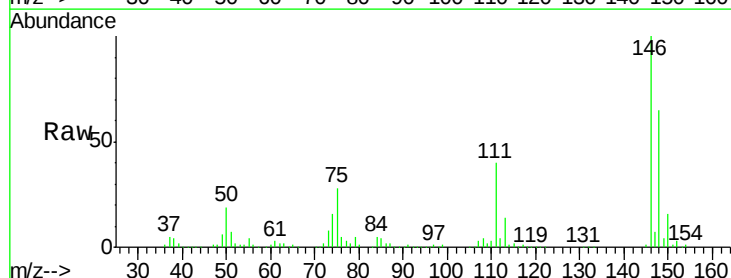
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 359143
Ion Ratio Lower Upper
93 100
63 86.8 58.0 98.0
95 31.8 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 22.36 ng
RT: 6.91 min Scan# 422
Delta R.T. 0.24 min
Lab File: BF086671.D
Acq: 4 May 2016 12:17

Tgt Ion: 146 Resp: 313231
Ion Ratio Lower Upper
146 100
148 65.2 52.4 78.6
75 28.0 22.8 34.2

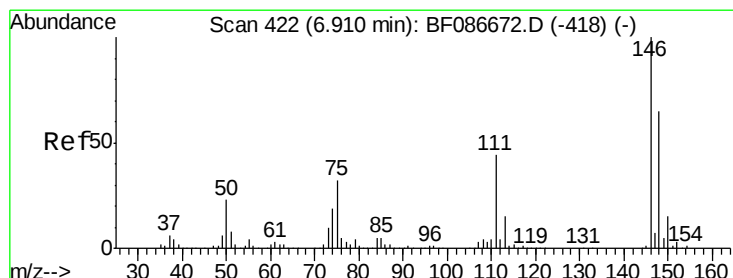
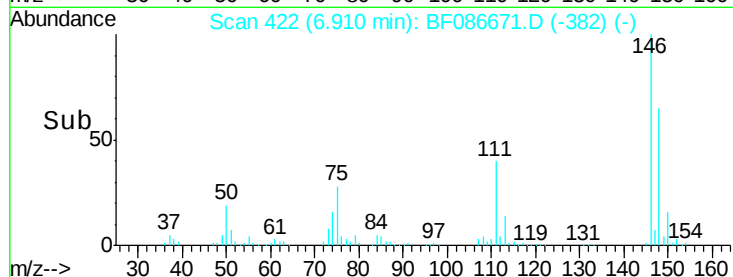
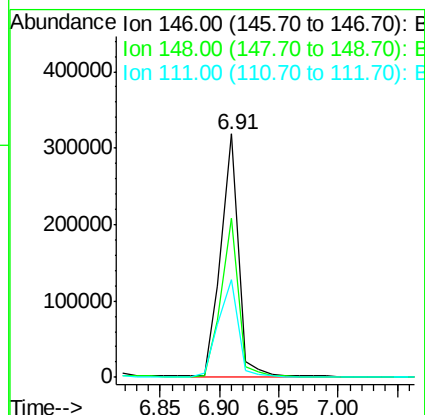
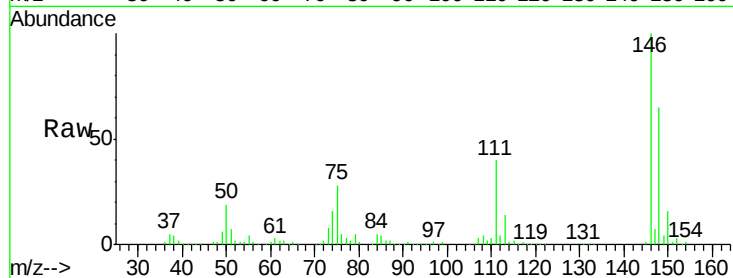




#13
 1,4-Dichlorobenzene
 Concen: 22.46 ng
 RT: 6.91 min Scan# 422
 Delta R.T. 0.16 min
 Lab File: BF086671.D
 Acq: 4 May 2016 12:17

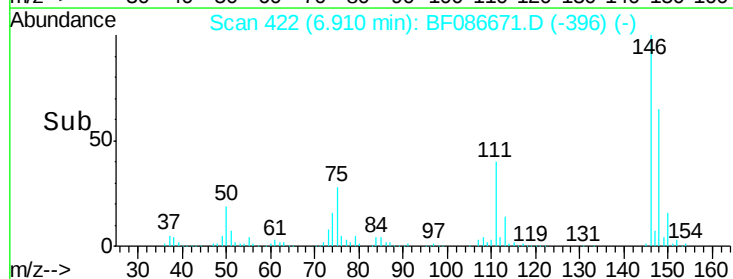
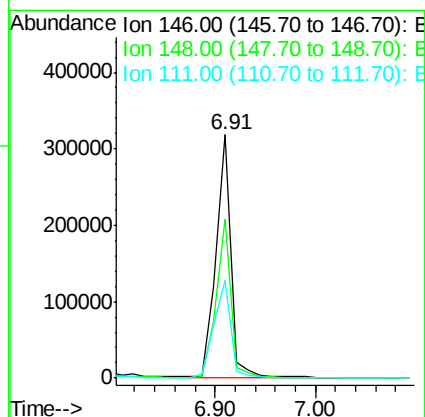
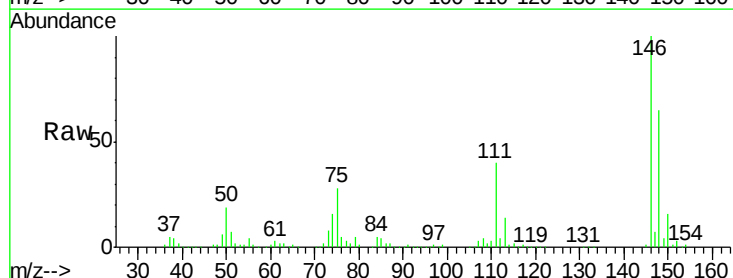
Instrument :
 BNA_F
 ClientSampleId :

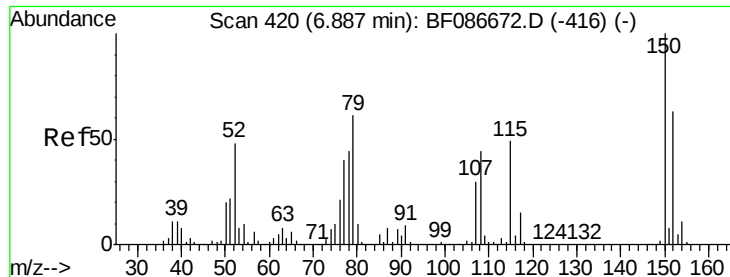
Tot Ion:146 Resp: 324705
 Ion Ratio Lower Upper
 146 100
 148 65.2 52.2 78.4
 111 40.3 30.7 46.1



#14
 1,2-Dichlorobenzene
 Concen: 24.69 ng
 RT: 6.91 min Scan# 422
 Delta R.T. 0.00 min
 Lab File: BF086671.D
 Acq: 4 May 2016 12:17

Tgt Ion:146 Resp: 327222
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.0 76.6
 111 40.3 36.2 54.4





#15

Benzyl Alcohol

Concen: 26.93 ng

RT: 6.89 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF086671.D

Acq: 4 May 2016 12:17

Instrument :

BNA_F

ClientSampleId :

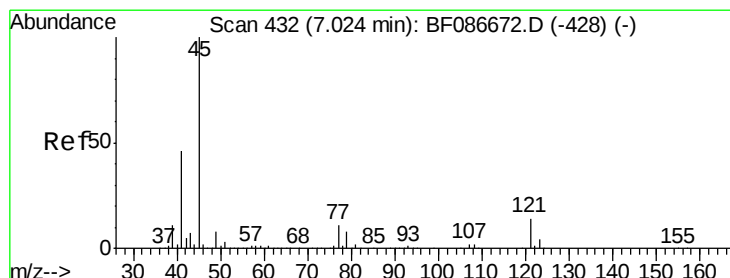
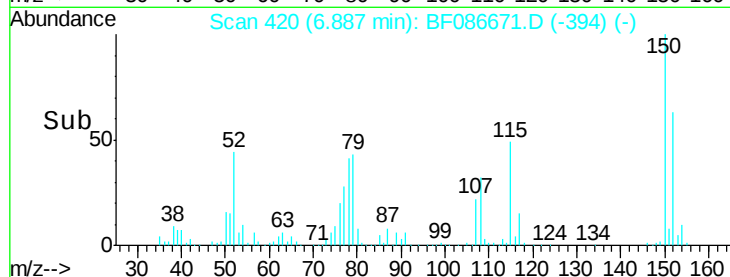
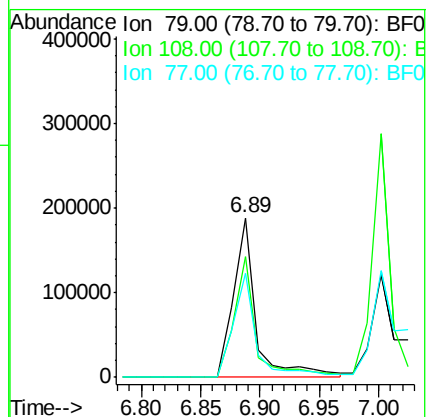
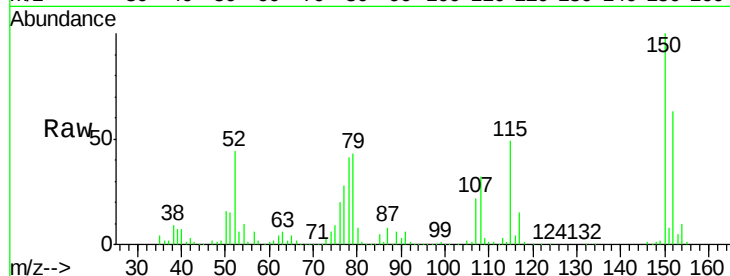
Tot Ion: 79 Resp: 248596

Ion Ratio Lower Upper

79 100

108 75.4 68.4 102.6

77 65.5 50.6 76.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 24.79 ng

RT: 7.02 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF086671.D

Acq: 4 May 2016 12:17

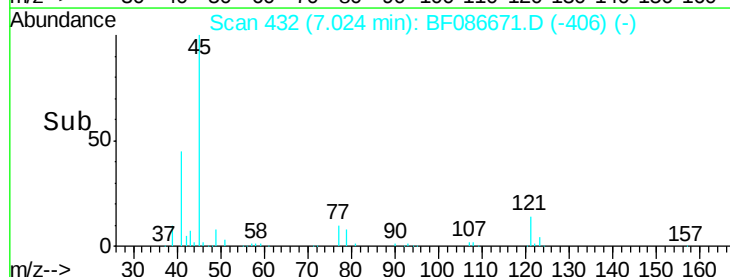
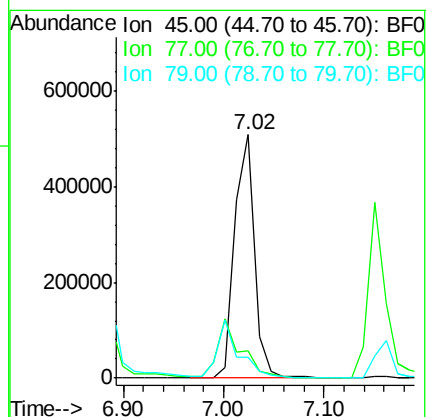
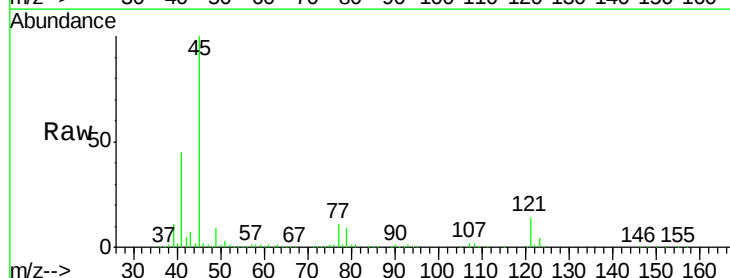
Tgt Ion: 45 Resp: 698500

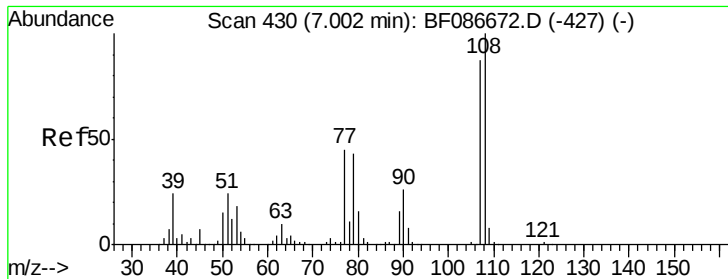
Ion Ratio Lower Upper

45 100

77 11.0 0.0 36.4

79 8.8 0.0 33.4





#17

2-Methylphenol

Concen: 25.15 ng

RT: 7.00 min Scan# 430

Delta R.T. 0.00 min

Lab File: BF086671.D

Acq: 4 May 2016 12:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 264748

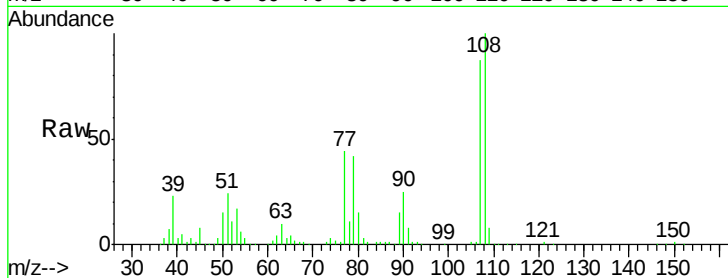
Ion Ratio Lower Upper

107 100

108 114.6 93.7 140.5

77 50.0 33.4 50.0

79 48.7 34.3 51.5

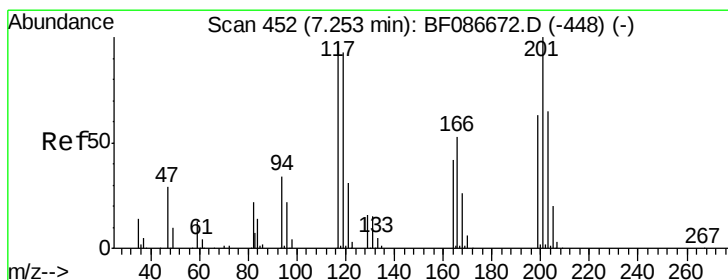
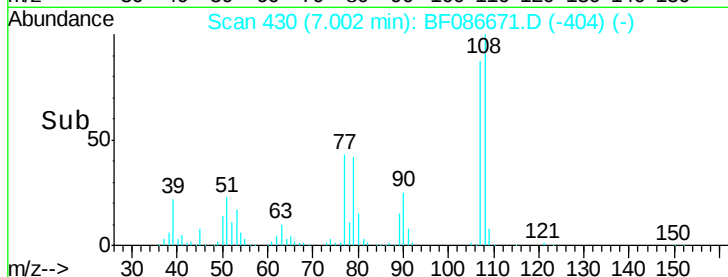
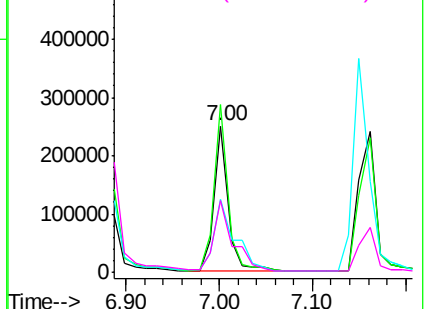


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 25.25 ng

RT: 7.25 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF086671.D

Acq: 4 May 2016 12:17

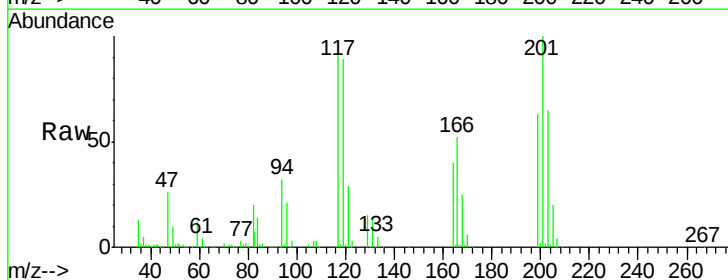
Tgt Ion:117 Resp: 136369

Ion Ratio Lower Upper

117 100

119 97.0 76.5 114.7

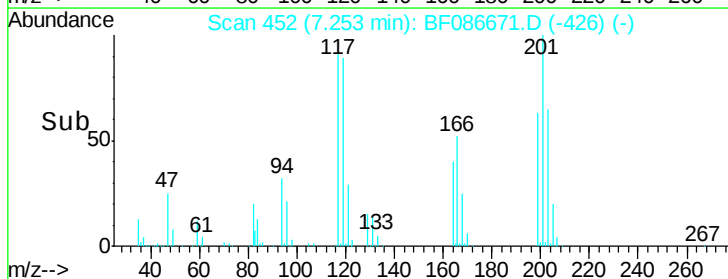
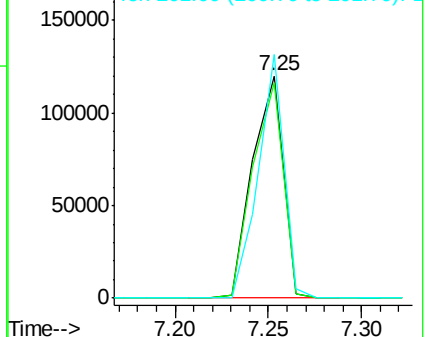
201 109.4 63.0 94.6#

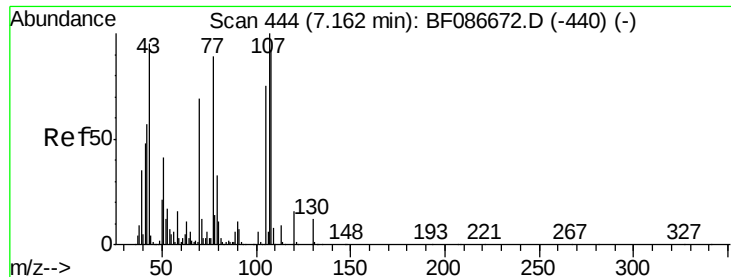


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

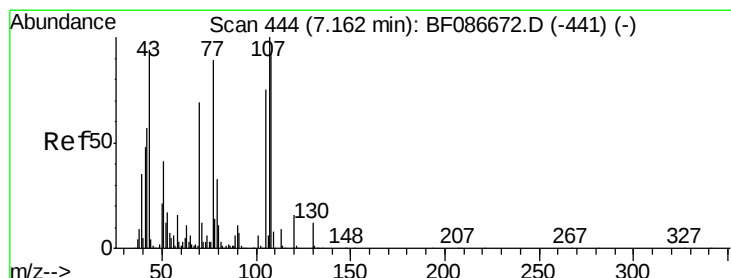
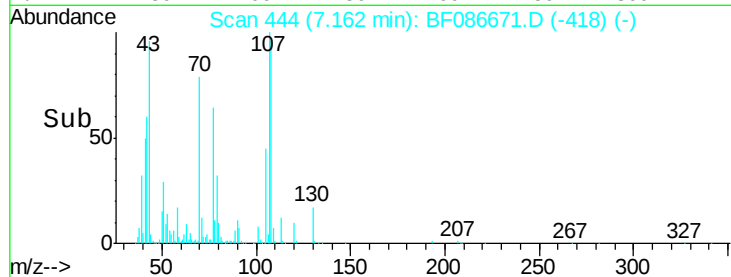
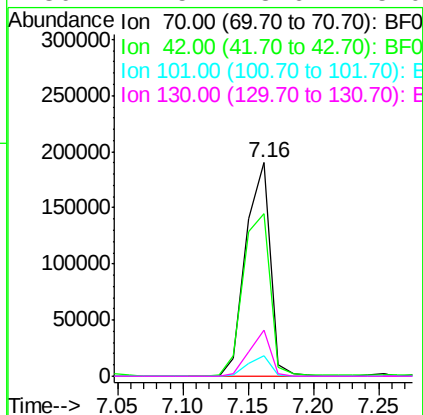
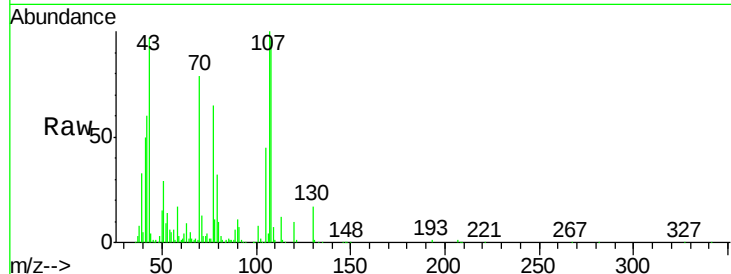




#19
n-Nitroso-di-n-propylamine
Concen: 25.71 ng
RT: 7.16 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF086671.D
Acq: 4 May 2016 12:17

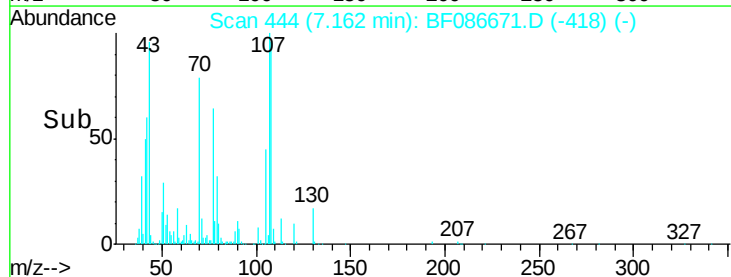
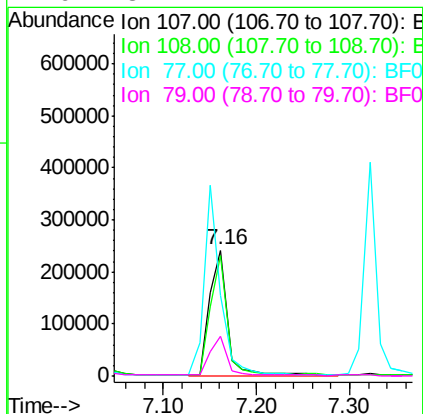
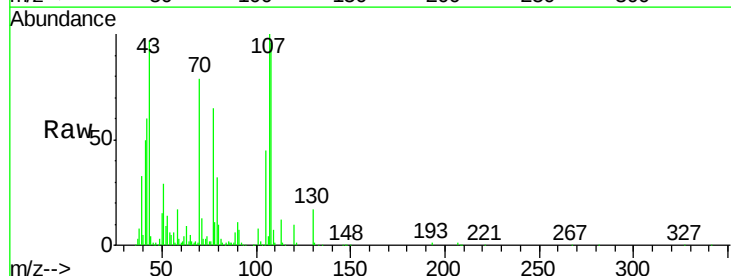
Instrument :
BNA_F
ClientSampleId :

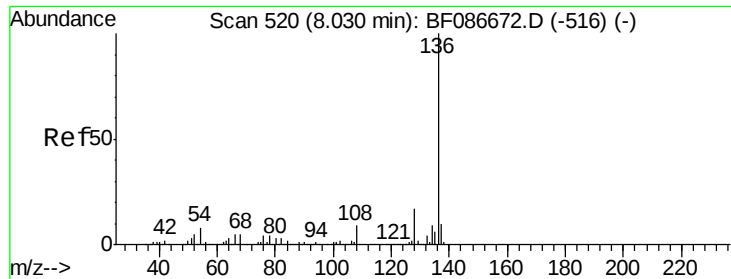
Tot Ion	Ratio	Lower	Upper
70	100		
42	75.8	43.1	64.7#
101	9.9	8.1	12.1
130	21.5	18.6	28.0



#20
3+4-Methylphenols
Concen: 26.90 ng
RT: 7.16 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF086671.D
Acq: 4 May 2016 12:17

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.6	68.5	108.5
77	64.6	101.6	141.6#
79	32.1	7.4	47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF086671.D

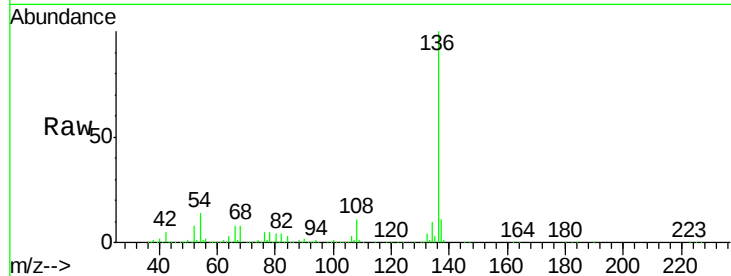
Acq: 4 May 2016 12:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	733913
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.8 13.2
54	14.4	5.0 7.4#
68	8.1	4.4 6.6#

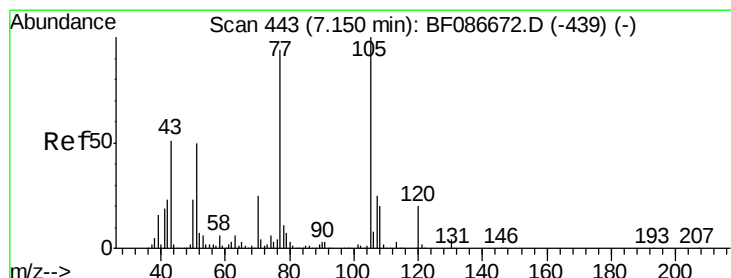
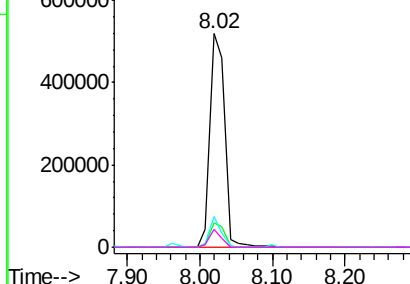
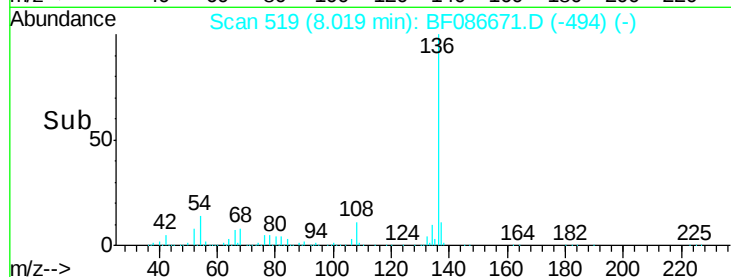


Abundance Ion 136.00 (135.70 to 136.70): E

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: 26.46 ng

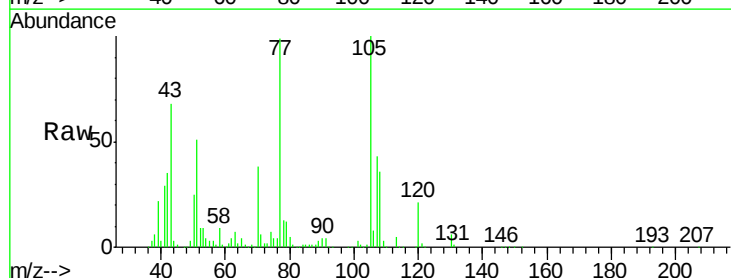
RT: 7.15 min Scan# 443

Delta R.T. 0.00 min

Lab File: BF086671.D

Acq: 4 May 2016 12:17

Tgt Ion:105	Resp:	425754
Ion Ratio	Lower	Upper
105	100	
71	6.4	4.8 7.2
51	51.3	32.6 49.0#
120	20.6	16.5 24.7

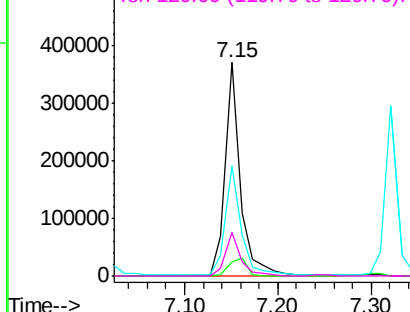
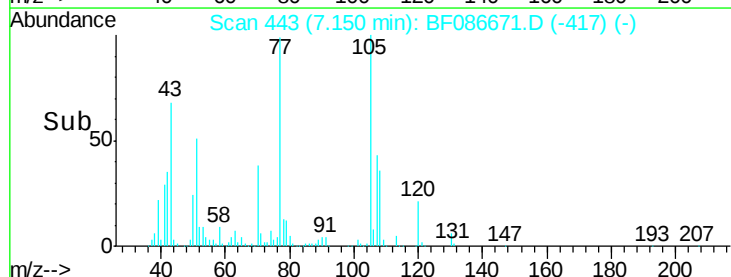


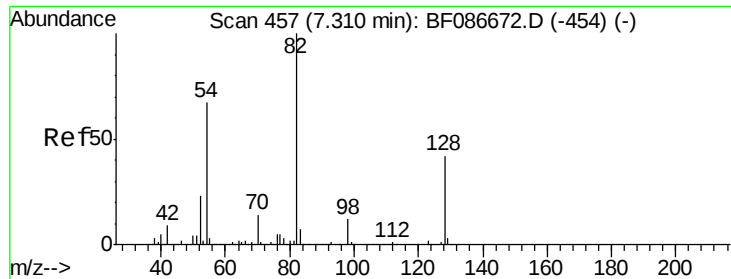
Abundance Ion 105.00 (104.70 to 105.70): E

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

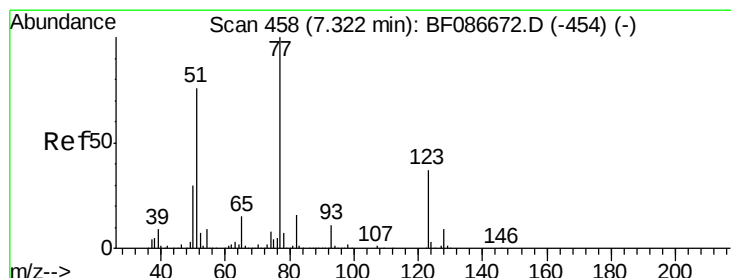
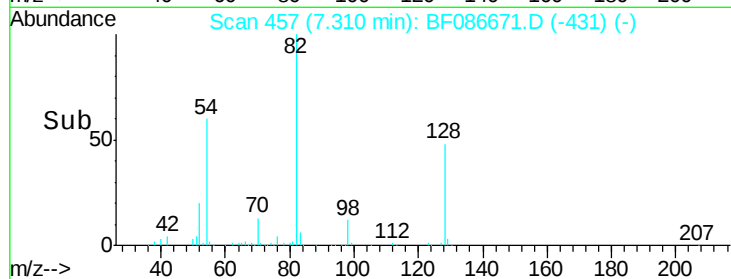
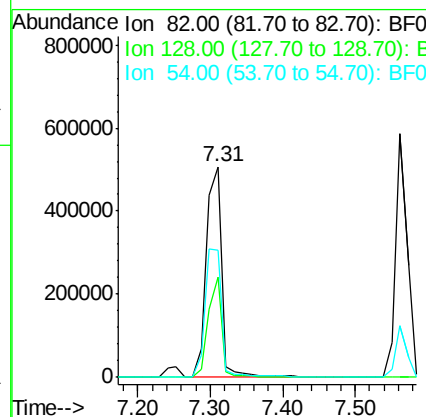
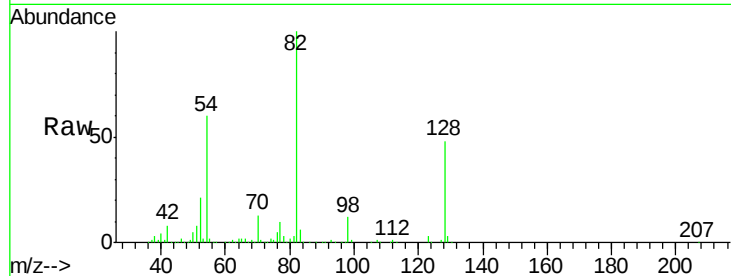




#23
Nitrobenzene-d5
Concen: 55.15 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF086671.D
Acq: 4 May 2016 12:17

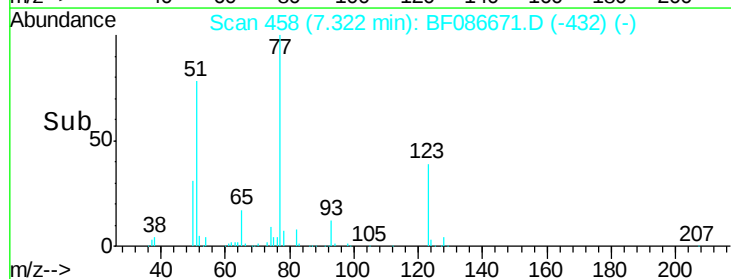
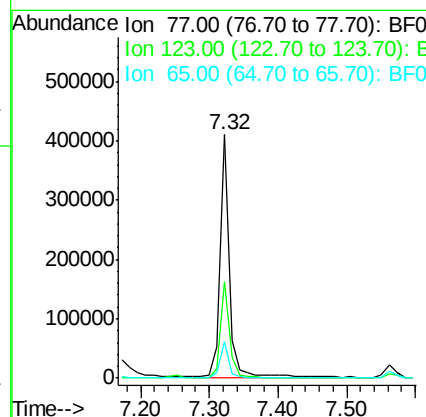
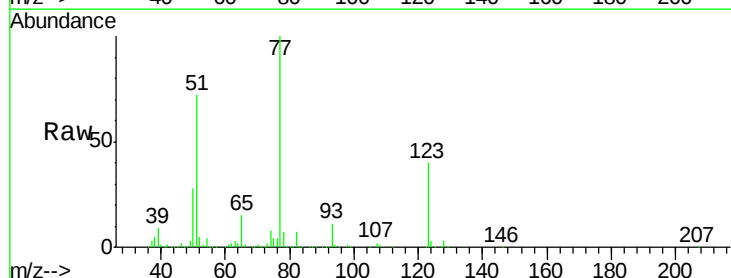
Instrument :
BNA_F
ClientSampleId :

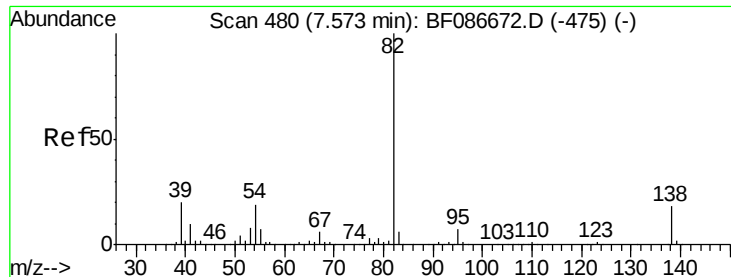
Tot Ion	82	Resp	750885
Ion Ratio	Lower	Upper	
82	100		
128	47.5	40.6	61.0
54	60.5	38.1	57.1#



#24
Nitrobenzene
Concen: 27.76 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF086671.D
Acq: 4 May 2016 12:17

Tgt Ion	77	Resp	388832
Ion Ratio	Lower	Upper	
77	100		
123	39.6	33.0	49.4
65	15.0	10.8	16.2





#25

Isophorone

Concen: 24.80 ng

RT: 7.56 min Scan# 479

Delta R.T. -0.01 min

Lab File: BF086671.D

Acq: 4 May 2016 12:17

Instrument :

BNA_F

ClientSampleId :

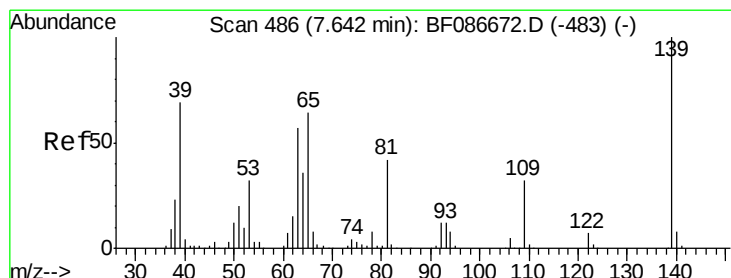
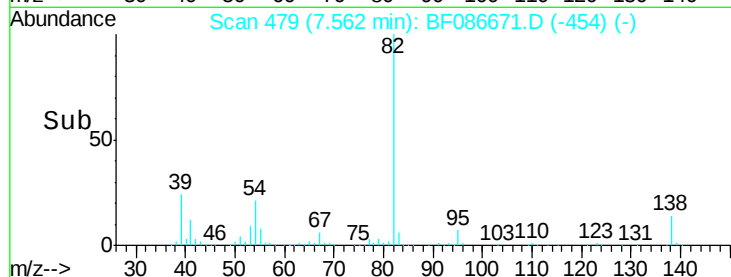
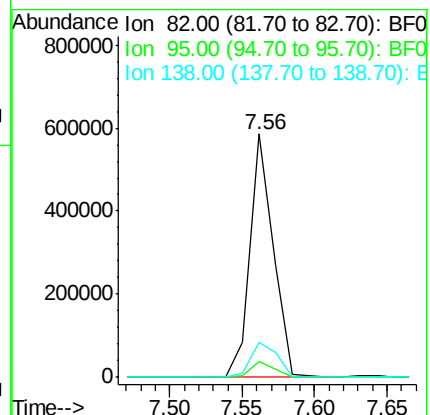
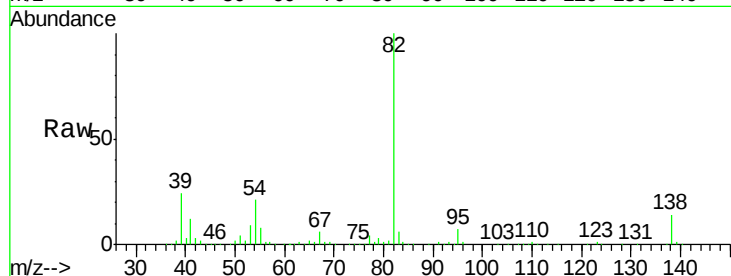
Tot Ion: 82 Resp: 649774

Ion Ratio Lower Upper

82 100

95 6.6 5.1 7.7

138 14.2 12.4 18.6



#26

2-Nitrophenol

Concen: 27.73 ng

RT: 7.64 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF086671.D

Acq: 4 May 2016 12:17

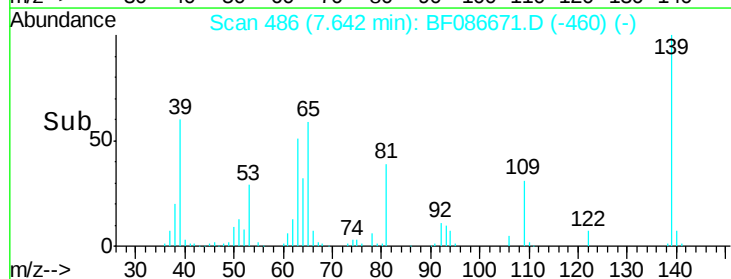
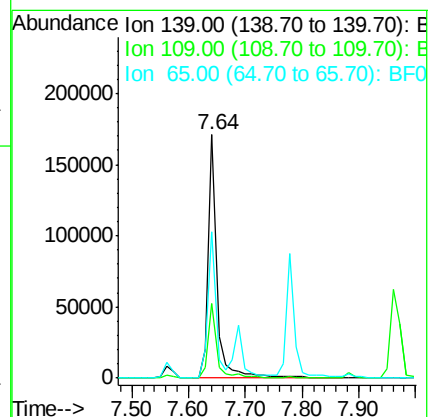
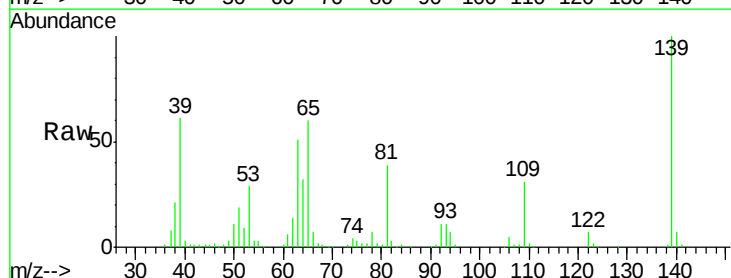
Tgt Ion: 139 Resp: 178823

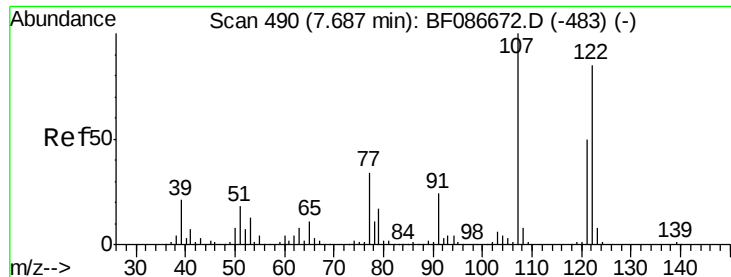
Ion Ratio Lower Upper

139 100

109 30.7 19.5 29.3#

65 60.3 37.5 56.3#





#27

2,4-Dimethylphenol

Concen: 27.39 ng

RT: 7.69 min Scan# 490

Delta R.T. 0.00 min

Lab File: BF086671.D

Acq: 4 May 2016 12:17

Instrument :

BNA_F

ClientSampleId :

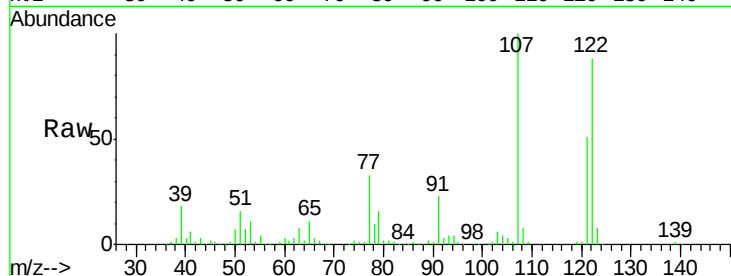
Tot Ion:122 Resp: 309956

Ion Ratio Lower Upper

122 100

107 113.3 82.0 123.0

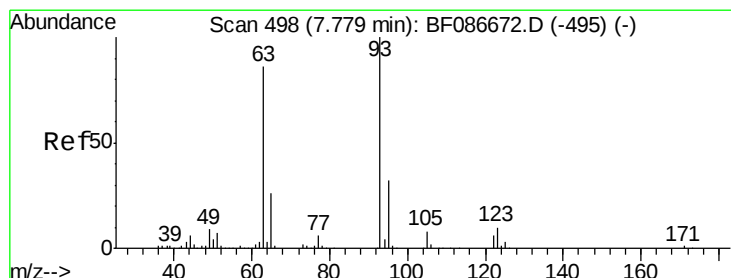
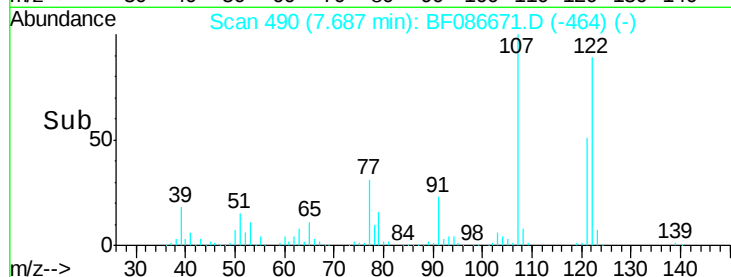
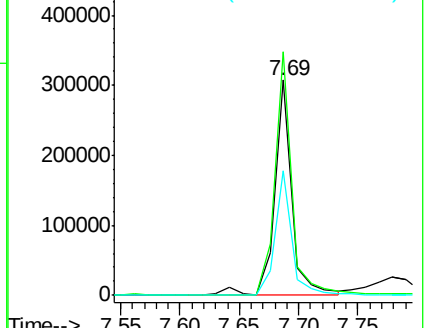
121 58.0 46.1 69.1



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: 25.56 ng

RT: 7.78 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF086671.D

Acq: 4 May 2016 12:17

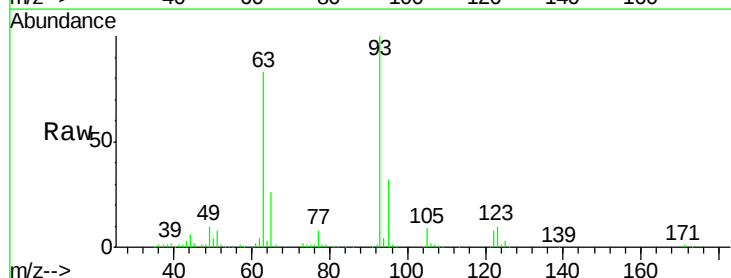
Tgt Ion: 93 Resp: 364838

Ion Ratio Lower Upper

93 100

95 31.8 26.0 39.0

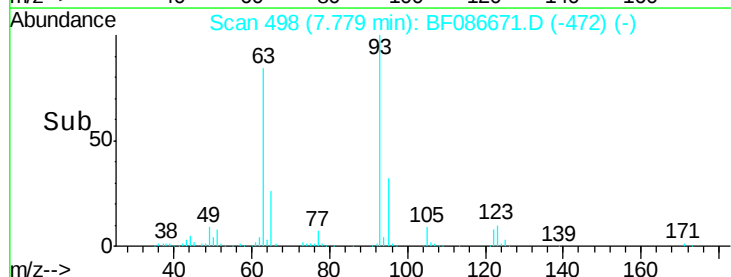
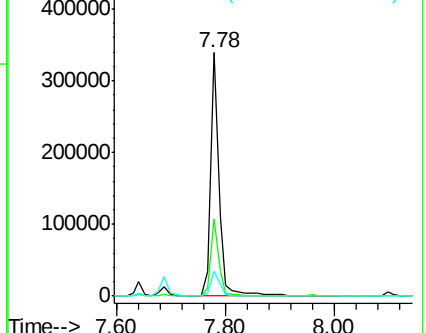
123 10.1 9.5 14.3

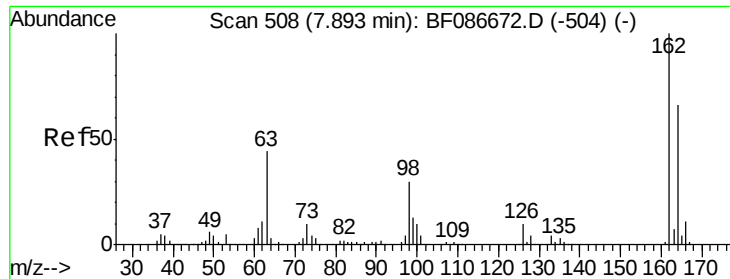


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

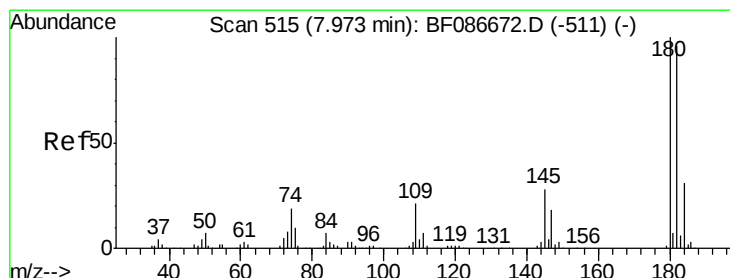
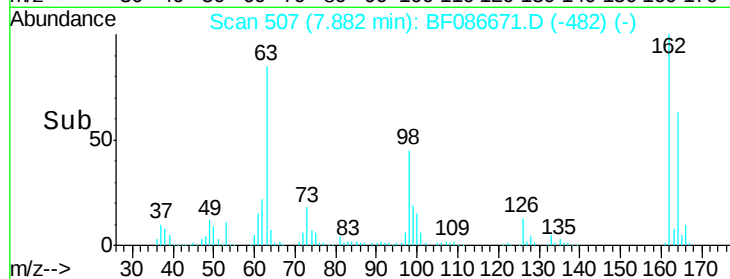
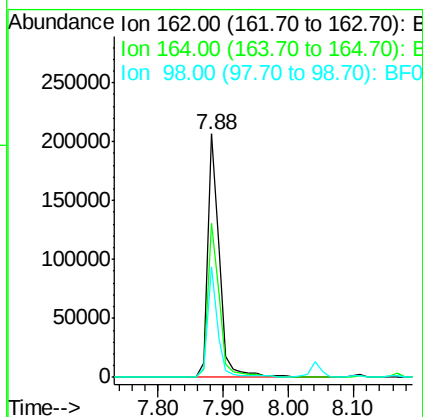
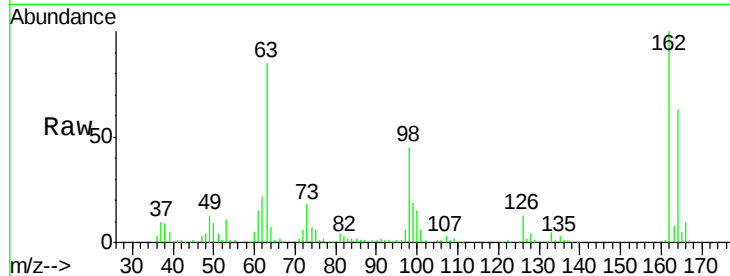




#29
 2,4-Dichlorophenol
 Concen: 26.76 ng
 RT: 7.88 min Scan# 507
 Delta R.T. -0.01 min
 Lab File: BF086671.D
 Acq: 4 May 2016 12:17

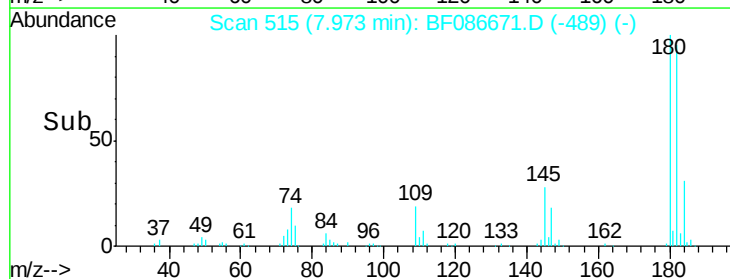
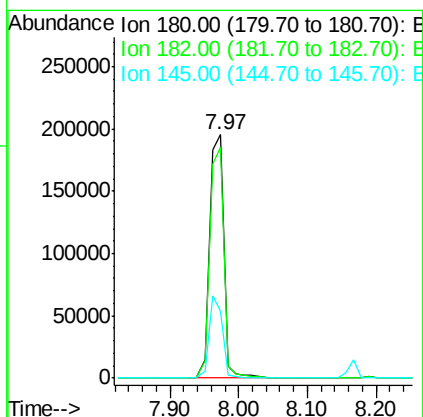
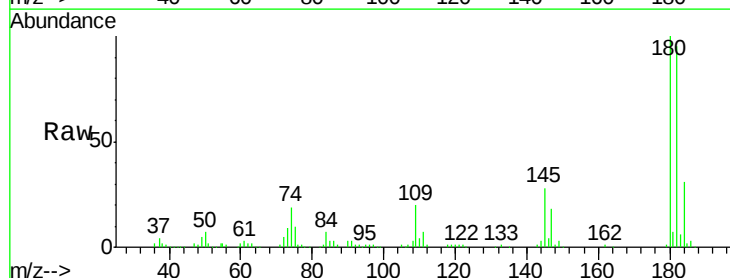
Instrument :
 BNA_F
 ClientSampleId :

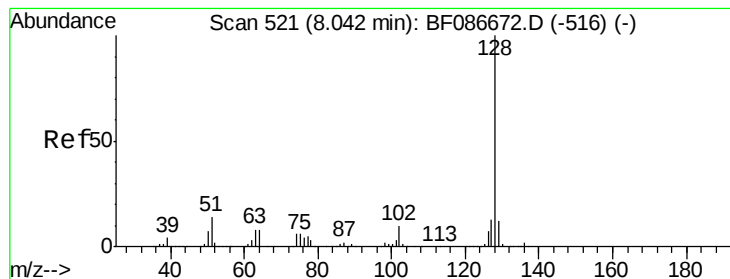
Tot Ion:162 Resp: 255494
 Ion Ratio Lower Upper
 162 100
 164 63.0 42.2 82.2
 98 45.5 19.0 59.0



#30
 1,2,4-Trichlorobenzene
 Concen: 25.78 ng
 RT: 7.97 min Scan# 515
 Delta R.T. 0.00 min
 Lab File: BF086671.D
 Acq: 4 May 2016 12:17

Tgt Ion:180 Resp: 285568
 Ion Ratio Lower Upper
 180 100
 182 94.8 78.0 117.0
 145 27.6 24.2 36.2





#31

Naphthalene

Concen: 24.45 ng

RT: 8.04 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF086671.D

Acq: 4 May 2016 12:17

Instrument :

BNA_F

ClientSampled :

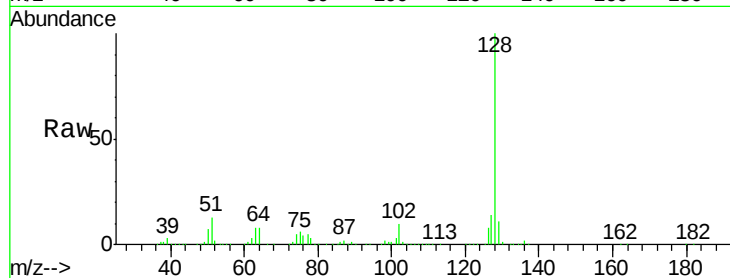
Tot Ion:128 Resp: 913145

Ion Ratio Lower Upper

128 100

129 11.3 8.6 13.0

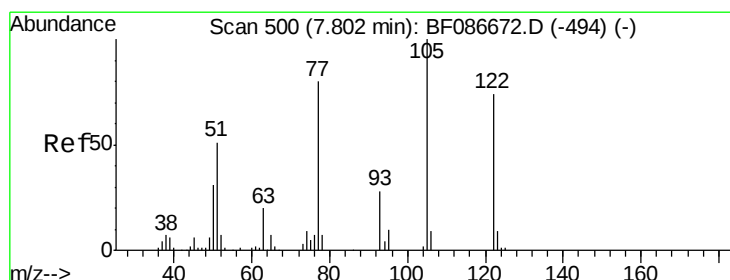
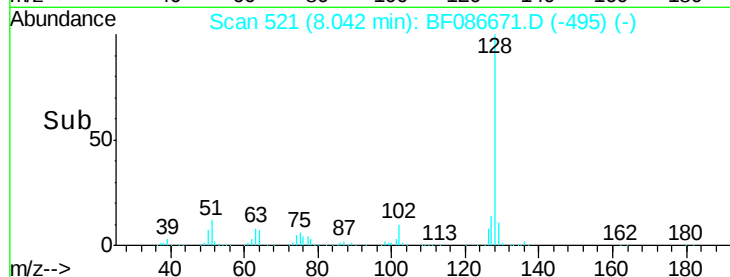
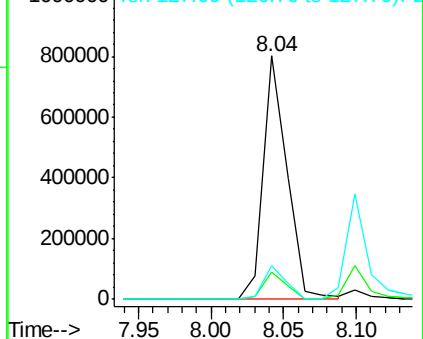
127 13.6 10.8 16.2



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: 13.46 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.02 min

Lab File: BF086671.D

Acq: 4 May 2016 12:17

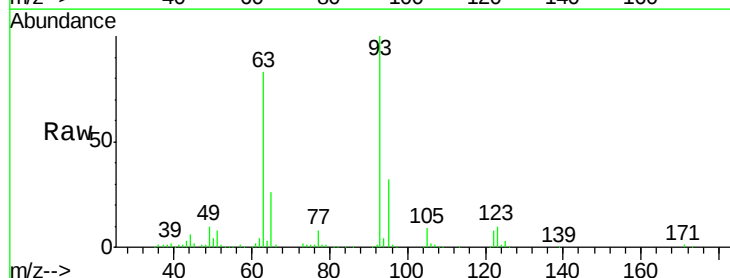
Tgt Ion:122 Resp: 78950

Ion Ratio Lower Upper

122 100

105 119.9 92.6 132.6

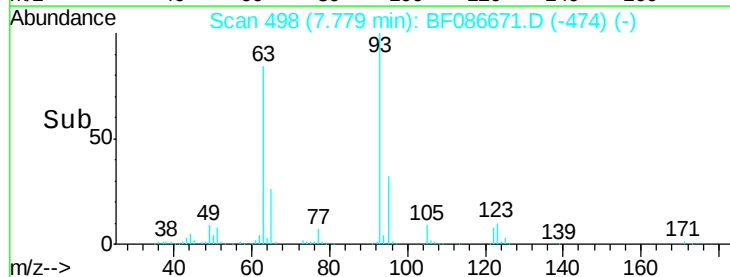
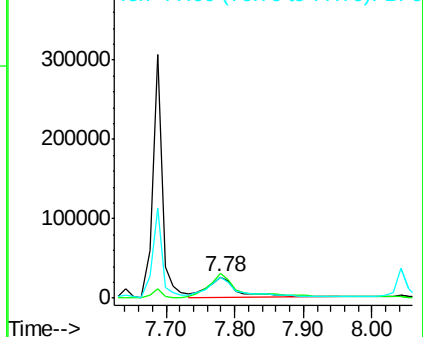
77 99.8 60.0 100.0

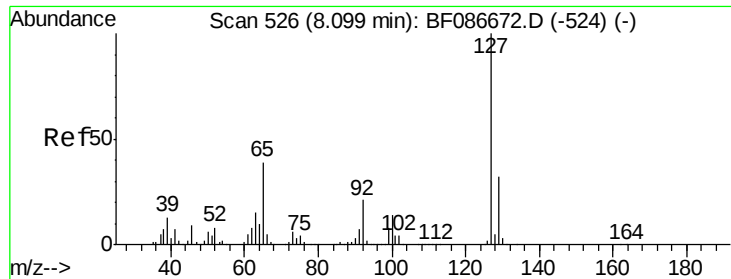


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

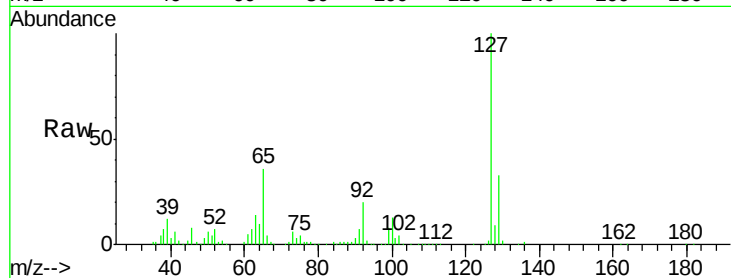




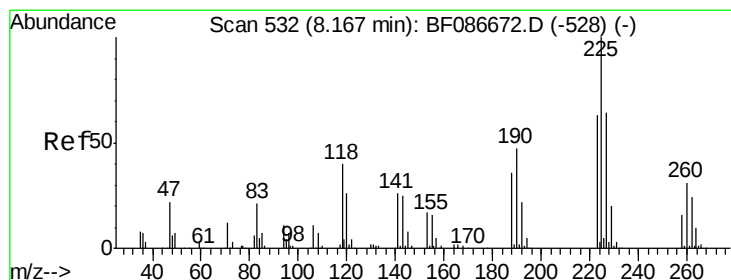
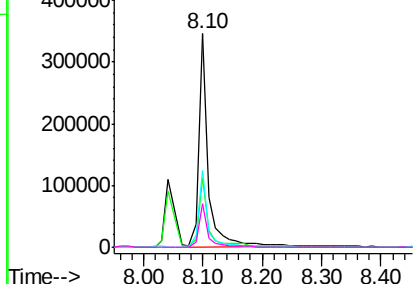
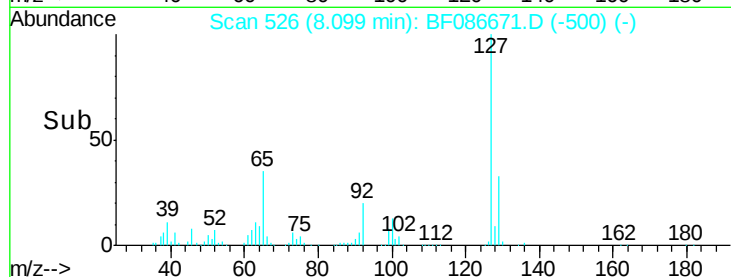
#33
4-Chloroaniline
Concen: 28.07 ng
RT: 8.10 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF086671.D
Acq: 4 May 2016 12:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	392528
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.4
65	35.9	23.0	34.4
92	20.1	15.1	22.7

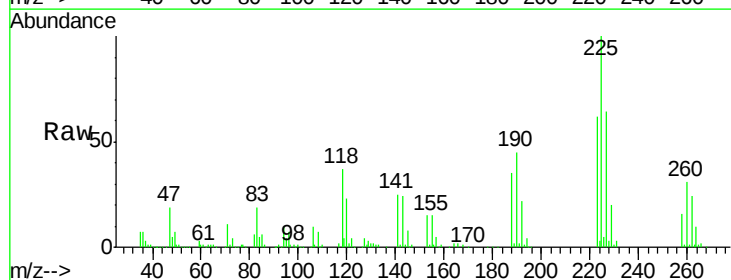


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

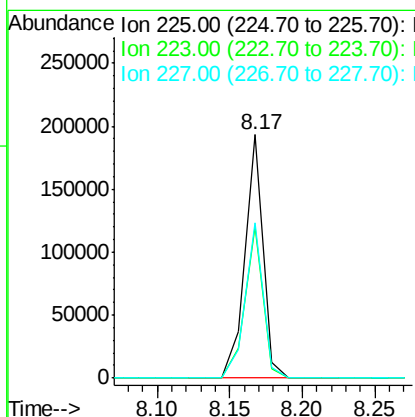
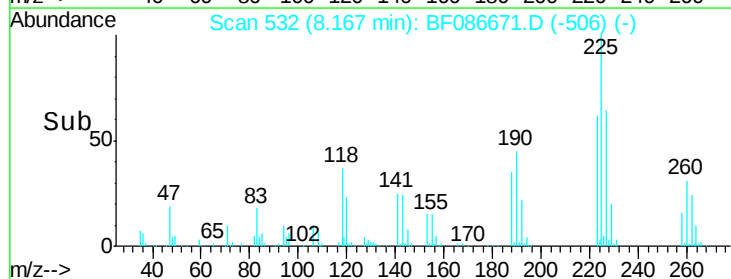


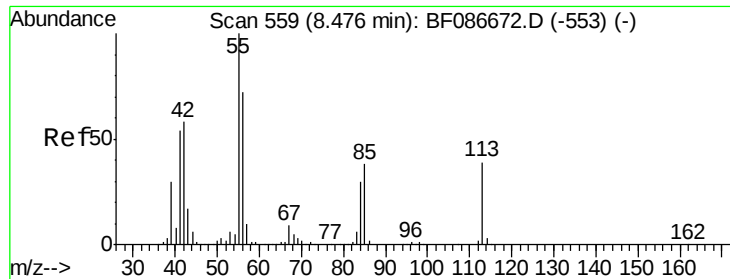
#34
Hexachlorobutadiene
Concen: 26.98 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF086671.D
Acq: 4 May 2016 12:17

Tgt Ion:	225	Resp:	167510
Ion	Ratio	Lower	Upper
225	100		
223	62.3	51.5	77.3
227	64.0	52.2	78.2



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





#35

Caprolactam

Concen: 26.47 ng

RT: 8.46 min Scan# 558

Delta R.T. -0.01 min

Lab File: BF086671.D

Acq: 4 May 2016 12:17

Instrument :

BNA_F

ClientSampleId :

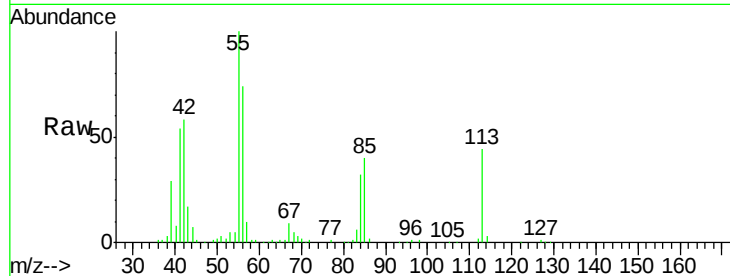
Tot Ion:113 Resp: 84298

Ion Ratio Lower Upper

113 100

55 228.5 162.0 202.0#

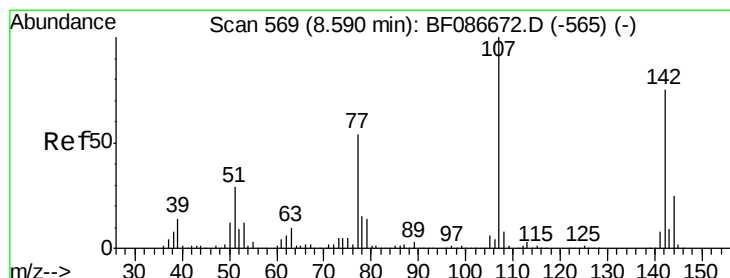
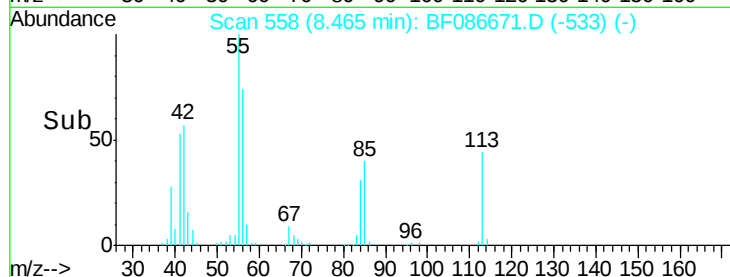
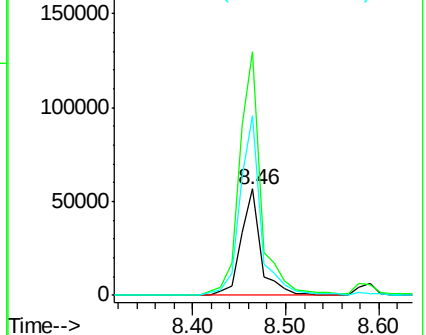
56 168.5 115.3 155.3#



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: 26.42 ng

RT: 8.59 min Scan# 569

Delta R.T. 0.00 min

Lab File: BF086671.D

Acq: 4 May 2016 12:17

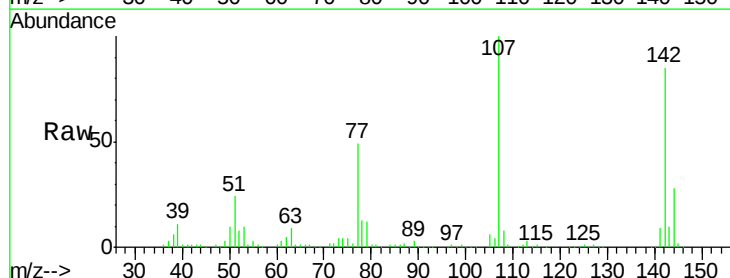
Tgt Ion:107 Resp: 288782

Ion Ratio Lower Upper

107 100

144 27.8 20.7 31.1

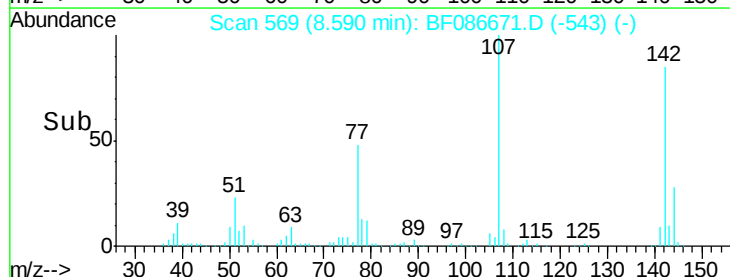
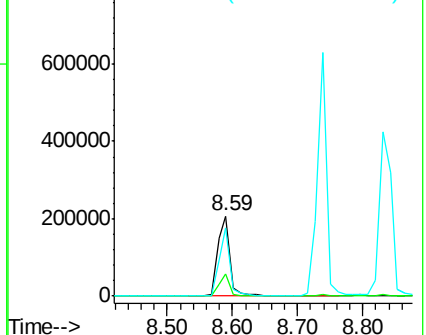
142 84.9 63.2 94.8

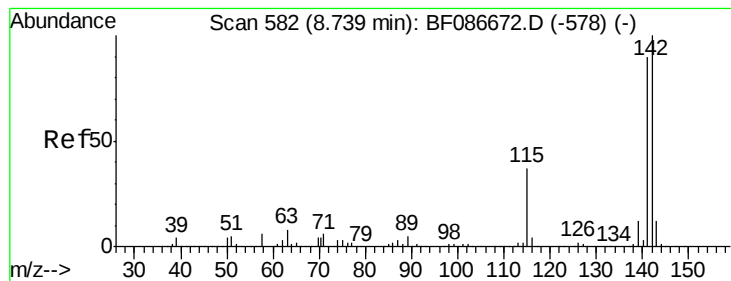


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 27.40 ng

RT: 8.74 min Scan# 582

Delta R.T. 0.00 min

Lab File: BF086671.D

Acq: 4 May 2016 12:17

Instrument :

BNA_F

ClientSampleId :

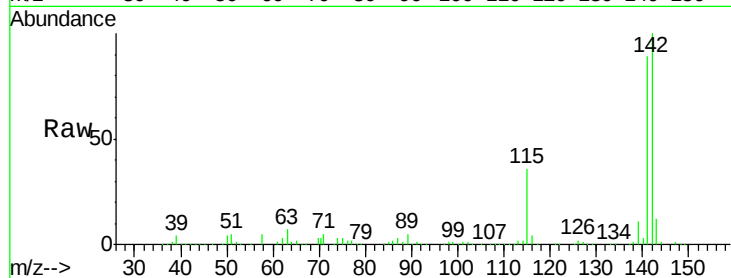
Tot Ion:142 Resp: 603790

Ion Ratio Lower Upper

142 100

141 89.3 71.0 106.6

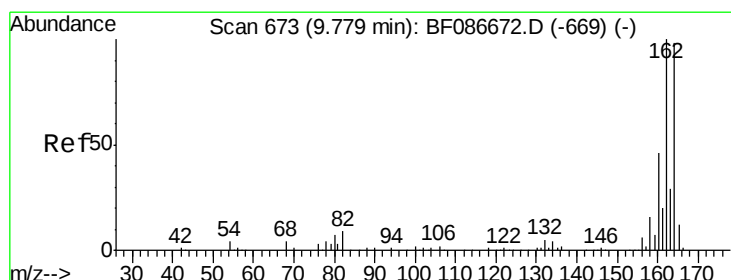
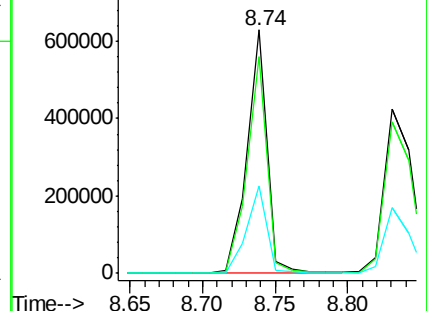
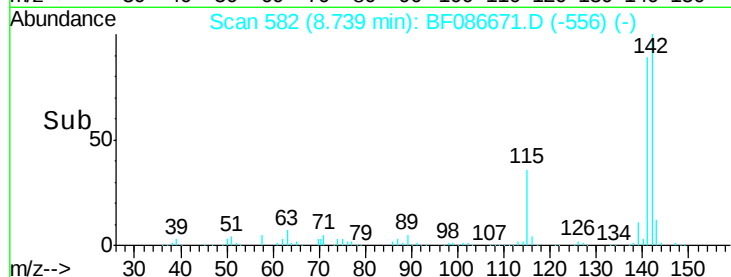
115 35.7 26.6 39.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF086671.D

Acq: 4 May 2016 12:17

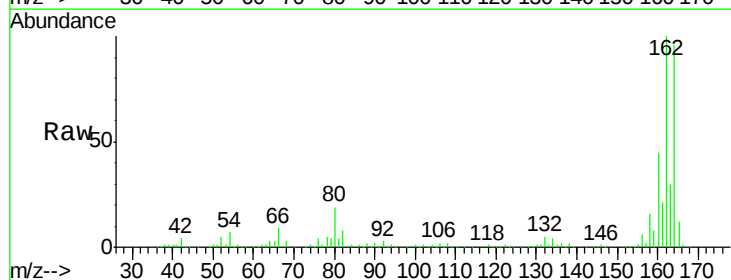
Tgt Ion:164 Resp: 361957

Ion Ratio Lower Upper

164 100

162 103.8 82.8 124.2

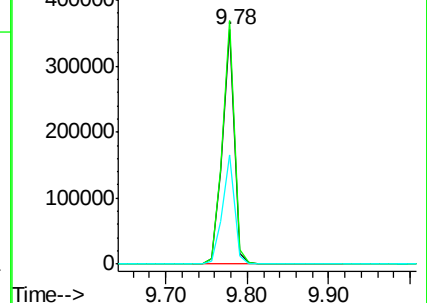
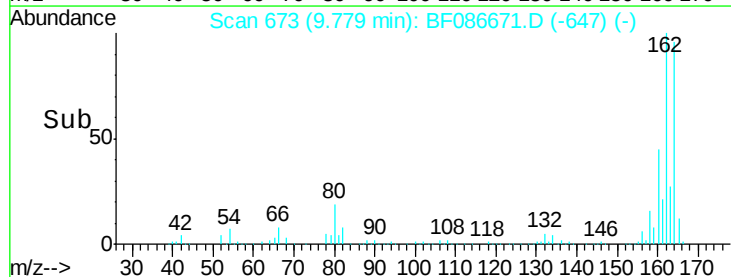
160 46.8 36.9 55.3

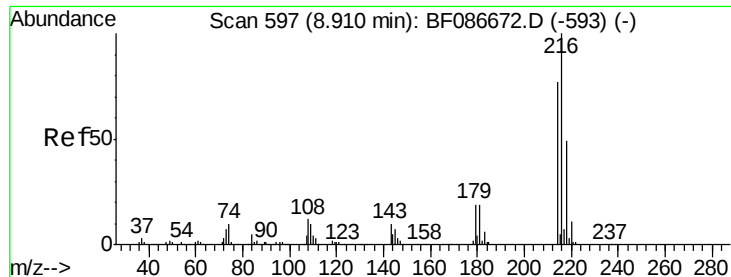


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 25.05 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.01 min

Lab File: BF086671.D

Acq: 4 May 2016 12:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 259522

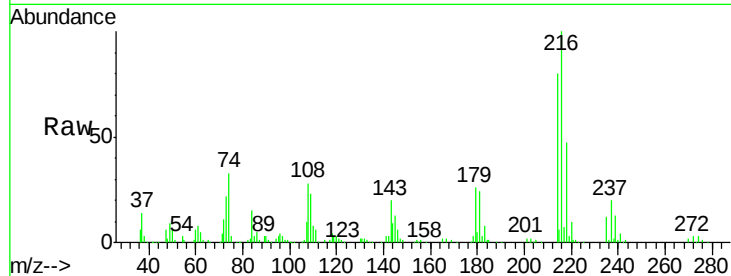
Ion Ratio Lower Upper

216 100

214 77.9 62.6 93.8

179 22.3 18.2 27.4

108 22.7 17.5 26.3

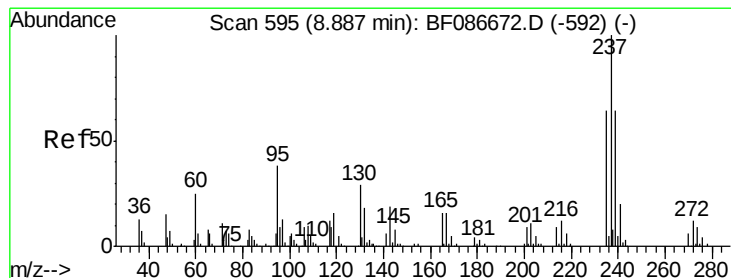
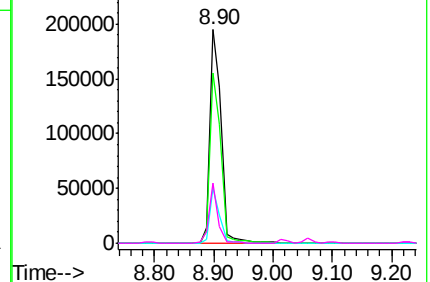
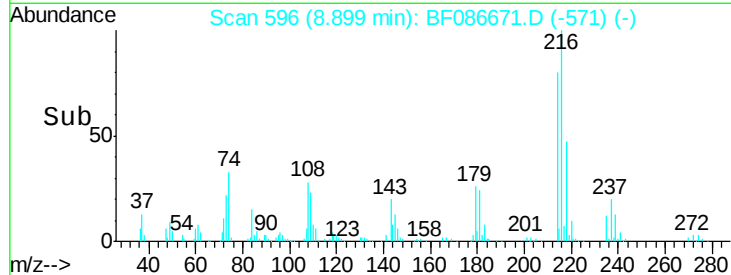


Abundance Ion 216.00 (215.70 to 216.70): E

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: 18.26 ng

RT: 8.89 min Scan# 595

Delta R.T. 0.00 min

Lab File: BF086671.D

Acq: 4 May 2016 12:17

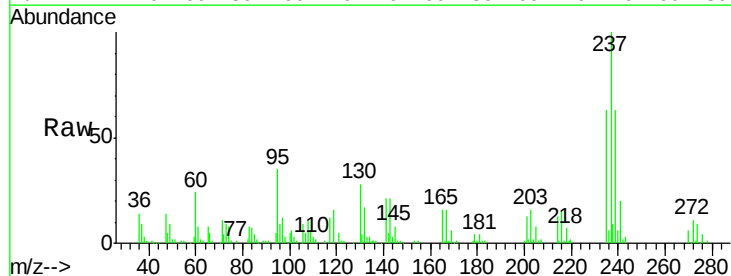
Tgt Ion:237 Resp: 94001

Ion Ratio Lower Upper

237 100

235 63.5 47.2 87.2

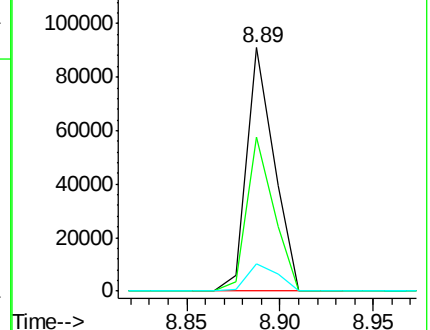
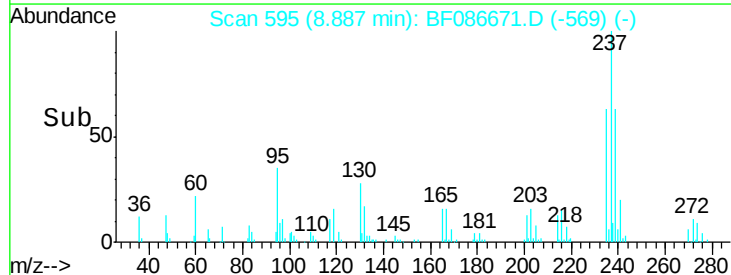
272 11.0 0.0 31.1

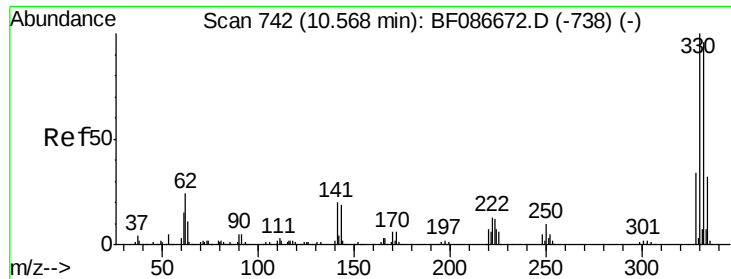


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

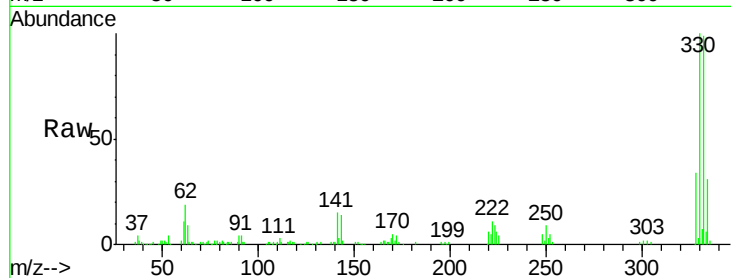




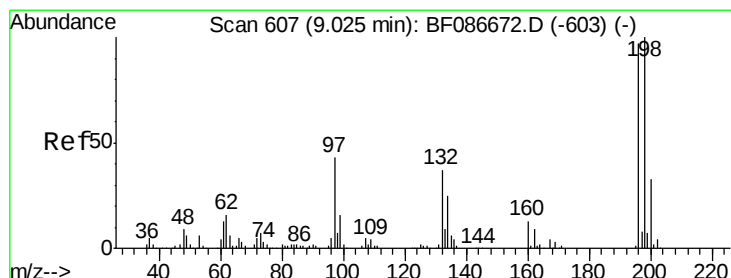
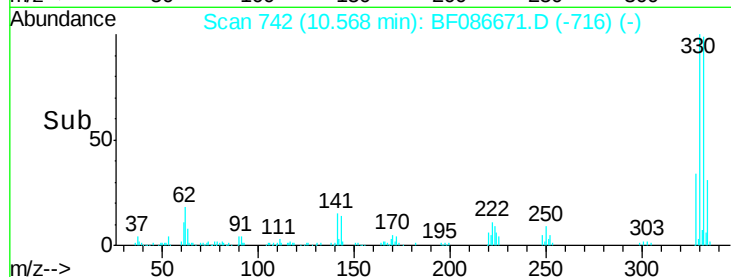
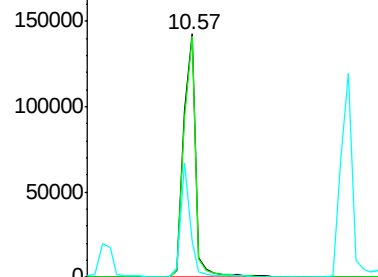
#41
 2,4,6-Tribromophenol
 Concen: 49.12 ng
 RT: 10.57 min Scan# 742
 Delta R.T. 0.00 min
 Lab File: BF086671.D
 Acq: 4 May 2016 12:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	79.0	118.4
141	36.0	31.2	46.8

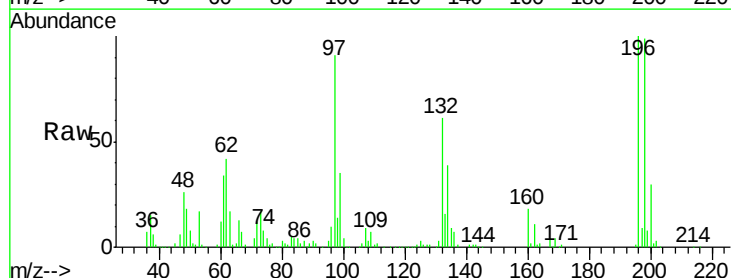


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

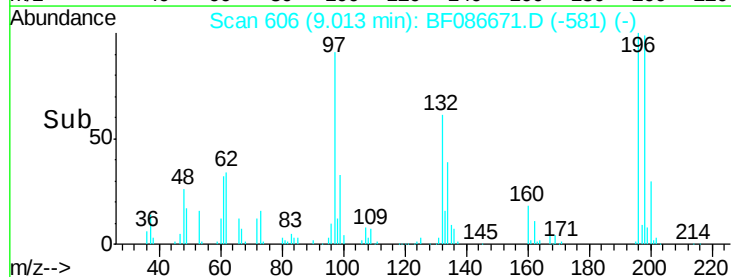
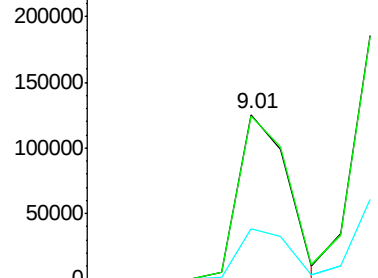


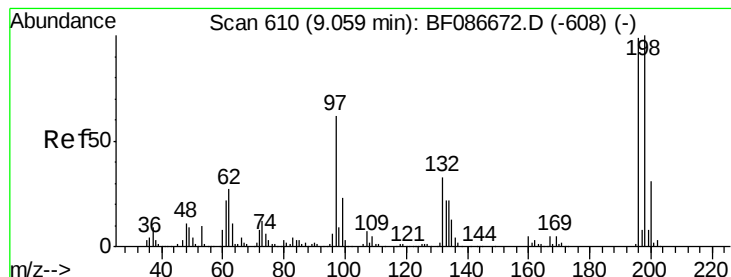
#42
 2,4,6-Trichlorophenol
 Concen: 25.15 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF086671.D
 Acq: 4 May 2016 12:17

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.7	74.7	112.1
200	30.5	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

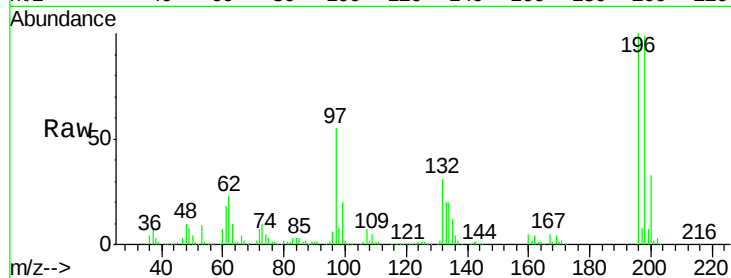




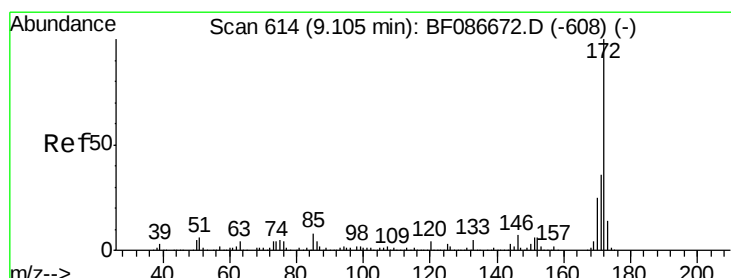
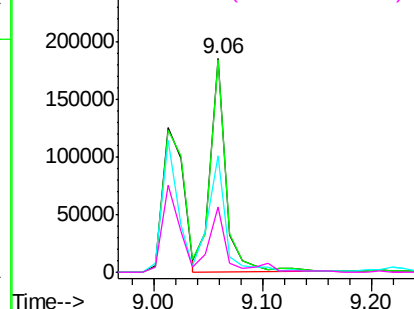
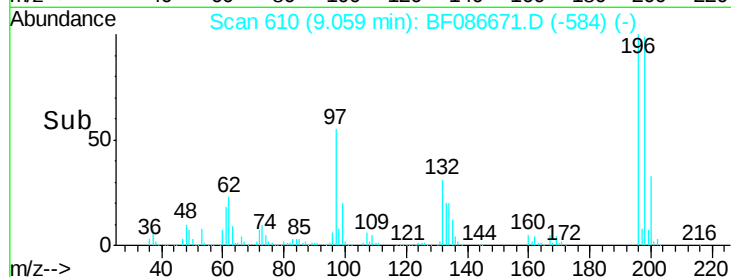
#43
2,4,5-Trichlorophenol
Concen: 26.21 ng
RT: 9.06 min Scan# 610
Delta R.T. 0.00 min
Lab File: BF086671.D
Acq: 4 May 2016 12:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:196 Resp: 187067
Ion Ratio Lower Upper
196 100
198 99.3 77.5 116.3
97 54.8 34.8 52.2#
132 30.8 23.0 34.4

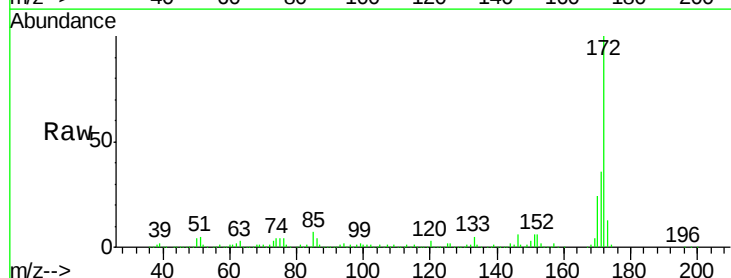


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

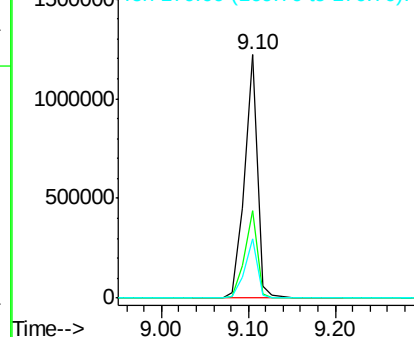
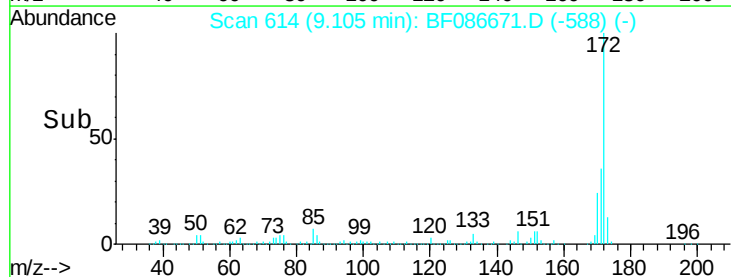


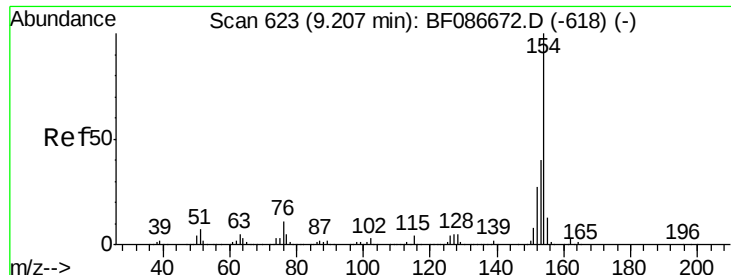
#44
2-Fluorobiphenyl
Concen: 57.88 ng
RT: 9.10 min Scan# 614
Delta R.T. 0.00 min
Lab File: BF086671.D
Acq: 4 May 2016 12:17

Tgt Ion:172 Resp: 1237809
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.6
170 24.2 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

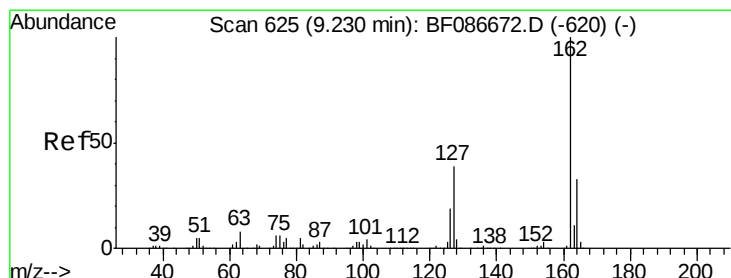
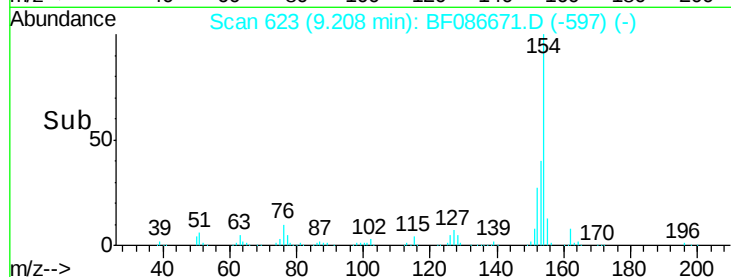
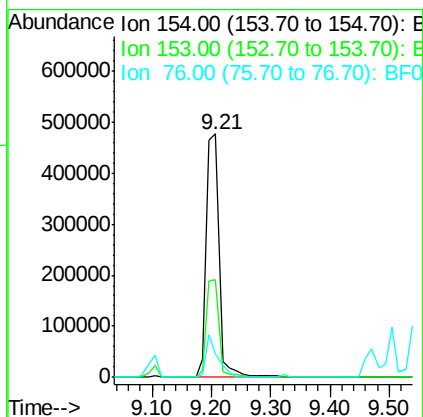
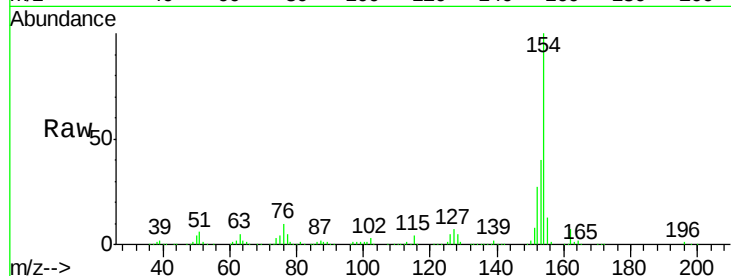




#45
 1,1'-Biphenyl
 Concen: 24.21 ng
 RT: 9.21 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF086671.D
 Acq: 4 May 2016 12:17

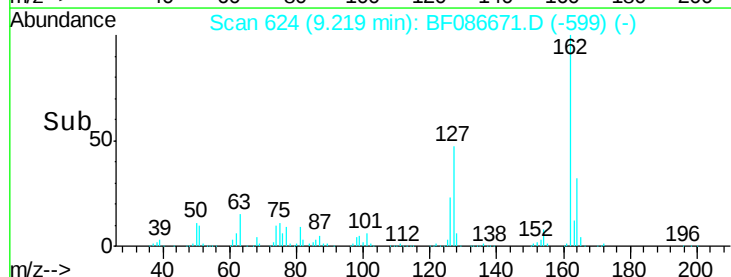
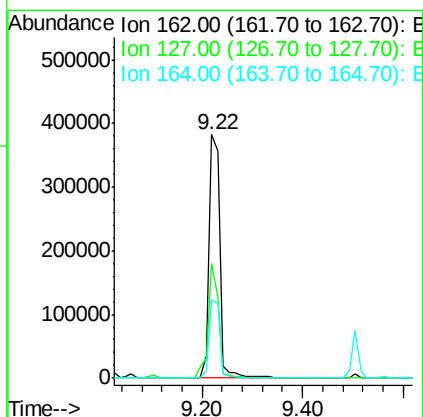
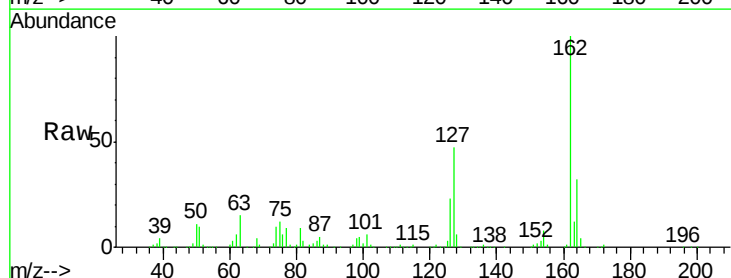
Instrument :
 BNA_F
 ClientSampleId :

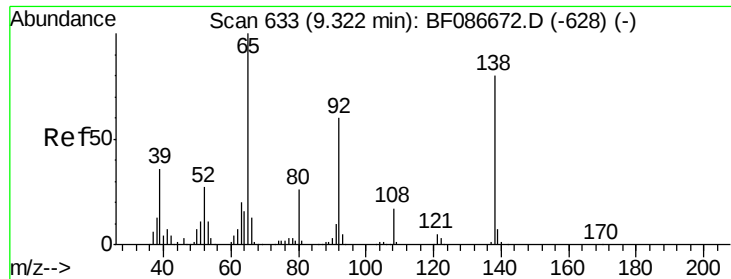
Tot Ion:154 Resp: 732559
 Ion Ratio Lower Upper
 154 100
 153 40.0 20.3 60.3
 76 9.5 0.0 30.2



#46
 2-Chloronaphthalene
 Concen: 24.99 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.01 min
 Lab File: BF086671.D
 Acq: 4 May 2016 12:17

Tgt Ion:162 Resp: 574906
 Ion Ratio Lower Upper
 162 100
 127 47.2 31.8 47.6
 164 32.2 27.0 40.6

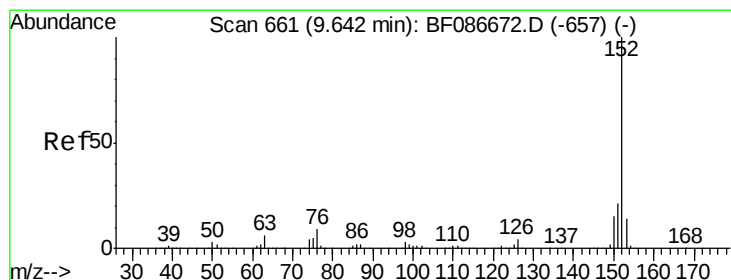
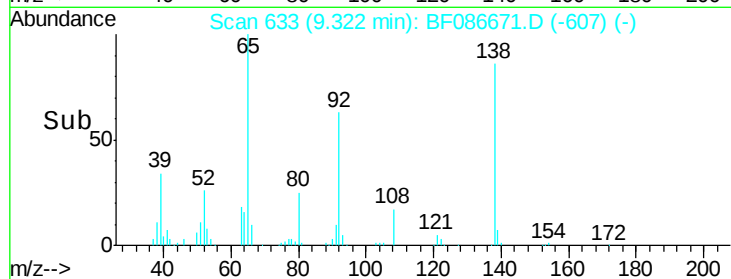
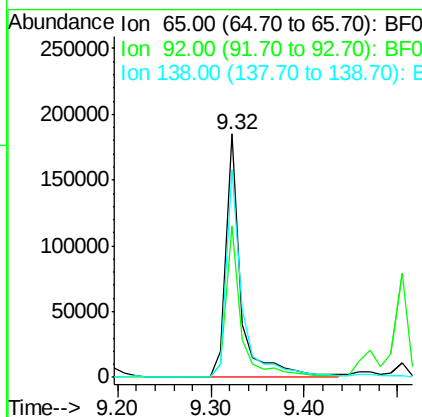
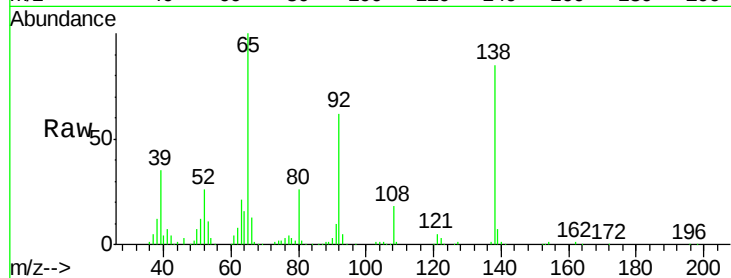




#47
2-Nitroaniline
Concen: 28.35 ng
RT: 9.32 min Scan# 633
Delta R.T. 0.00 min
Lab File: BF086671.D
Acq: 4 May 2016 12:17

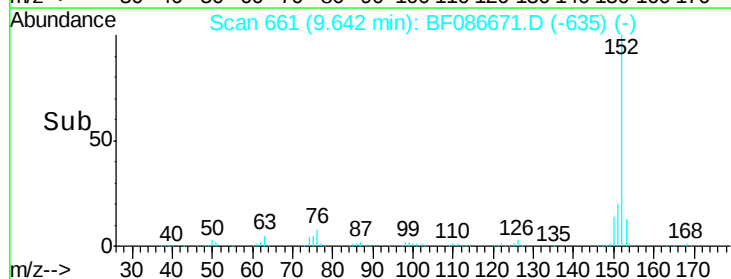
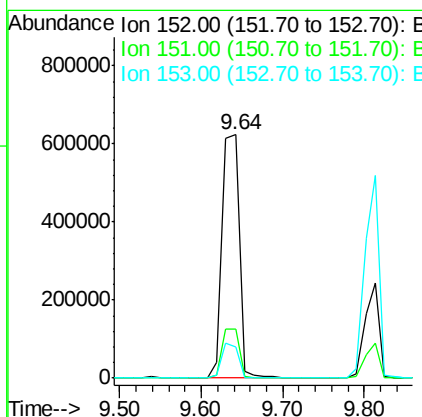
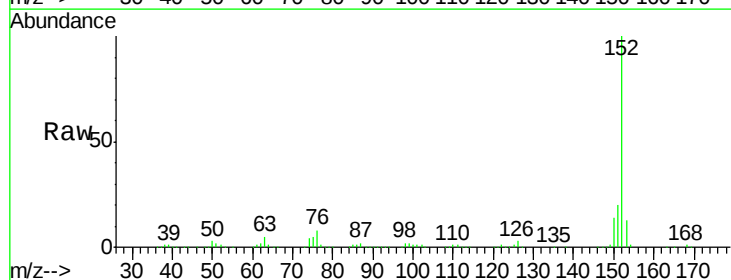
Instrument :
BNA_F
ClientSampleId :

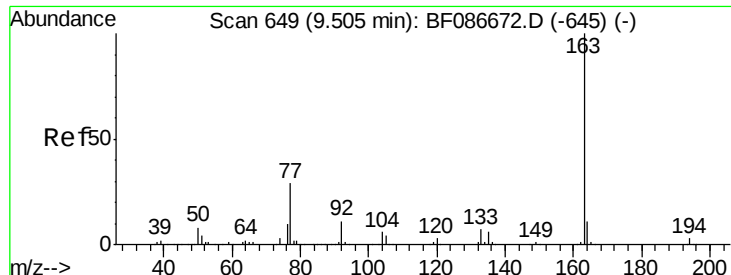
Tot Ion: 65 Resp: 209098
Ion Ratio Lower Upper
65 100
92 62.3 57.4 86.2
138 85.5 90.1 135.1#



#48
Acenaphthylene
Concen: 25.18 ng
RT: 9.64 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF086671.D
Acq: 4 May 2016 12:17

Tgt Ion: 152 Resp: 905403
Ion Ratio Lower Upper
152 100
151 20.1 16.8 25.2
153 13.0 10.9 16.3

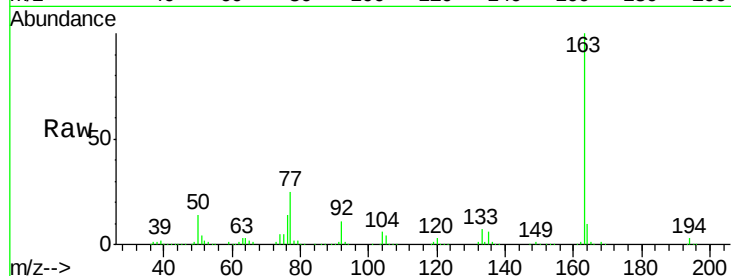




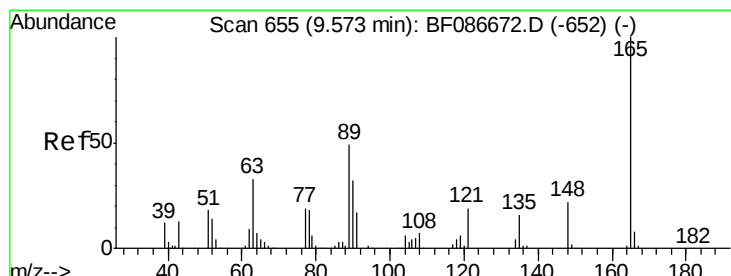
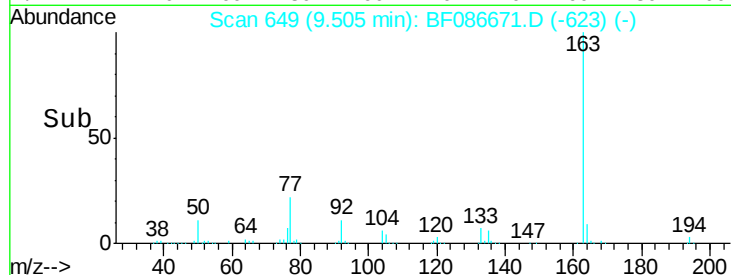
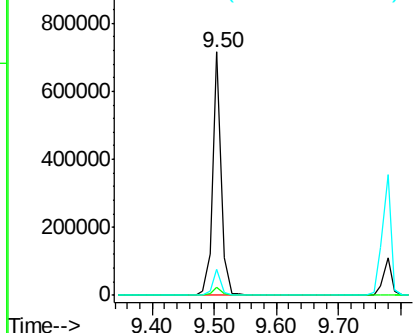
#49
Dimethylphthalate
Concen: 24.65 ng
RT: 9.50 min Scan# 649
Delta R.T. 0.00 min
Lab File: BF086671.D
Acq: 4 May 2016 12:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 671685
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.5 8.2 12.4

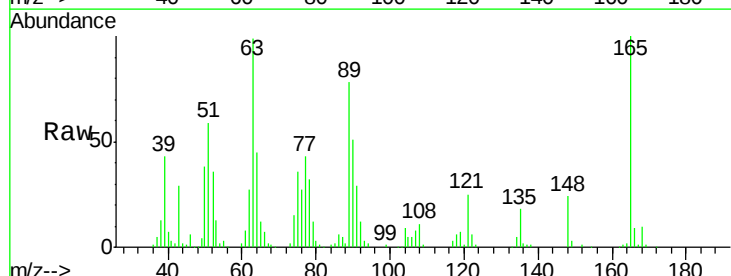


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

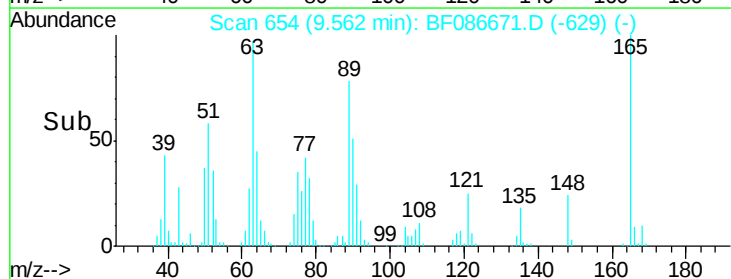
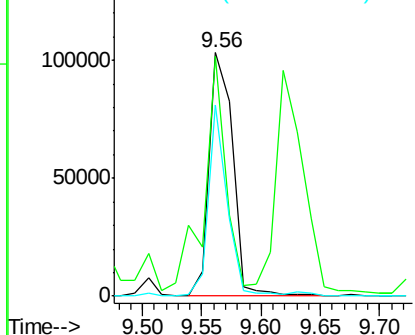


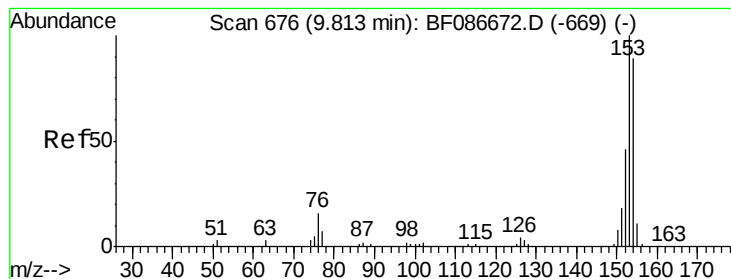
#50
2,6-Dinitrotoluene
Concen: 25.23 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF086671.D
Acq: 4 May 2016 12:17

Tgt Ion:165 Resp: 142034
Ion Ratio Lower Upper
165 100
63 98.5 51.8 77.8#
89 78.5 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: 25.07 ng

RT: 9.81 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF086671.D

Acq: 4 May 2016 12:17

Instrument :

BNA_F

ClientSampleId :

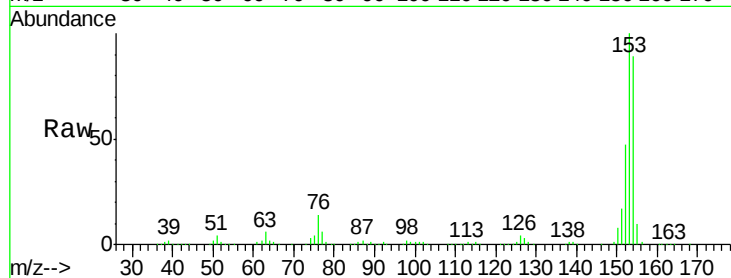
Tot Ion:154 Resp: 579093

Ion Ratio Lower Upper

154 100

153 113.0 89.8 134.6

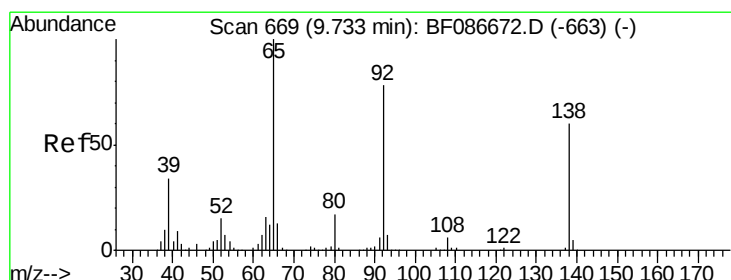
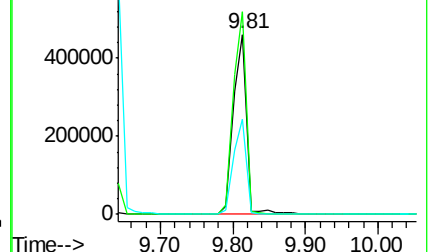
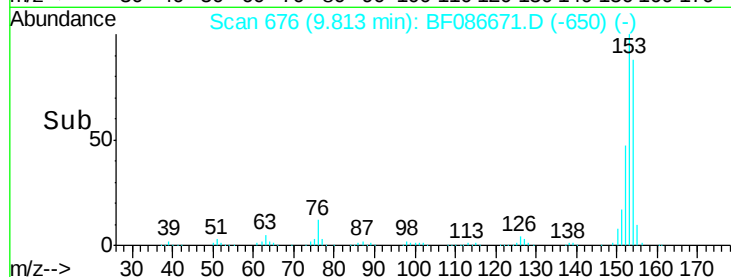
152 53.0 43.4 65.0



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: 26.23 ng

RT: 9.73 min Scan# 669

Delta R.T. 0.00 min

Lab File: BF086671.D

Acq: 4 May 2016 12:17

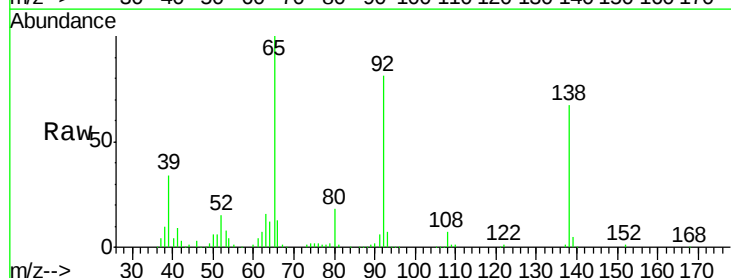
Tgt Ion:138 Resp: 167945

Ion Ratio Lower Upper

138 100

108 10.0 7.8 11.6

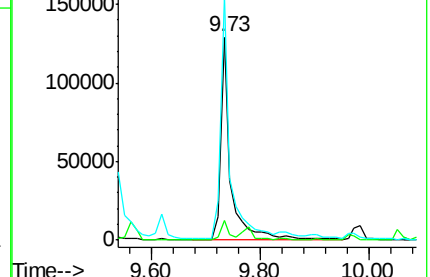
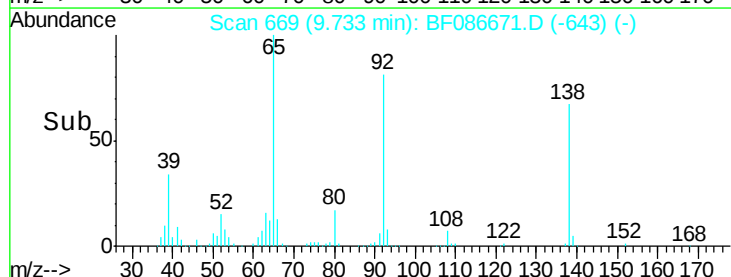
92 120.2 87.8 131.8

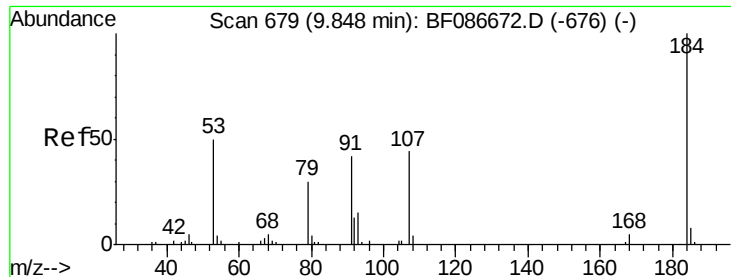


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

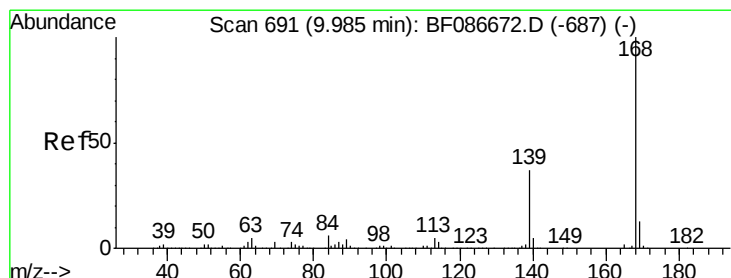
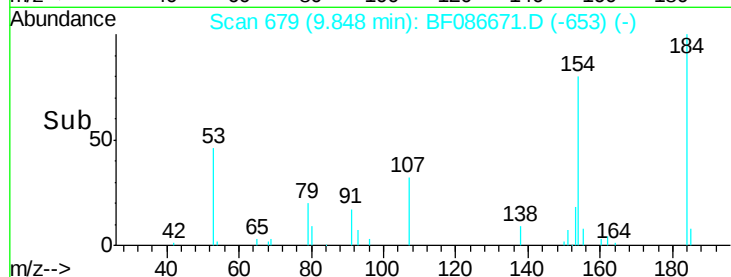
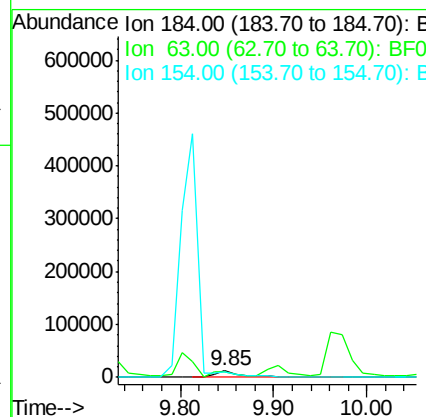
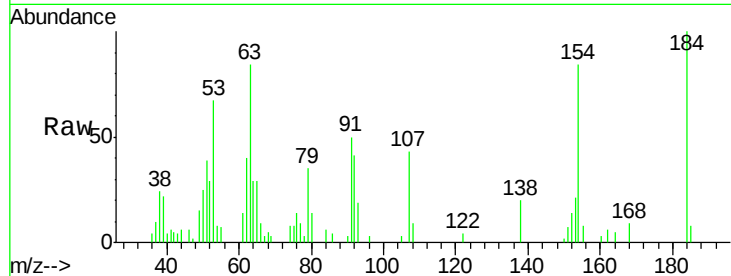




#53
2,4-Dinitrophenol
Concen: 10.06 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF086671.D
Acq: 4 May 2016 12:17

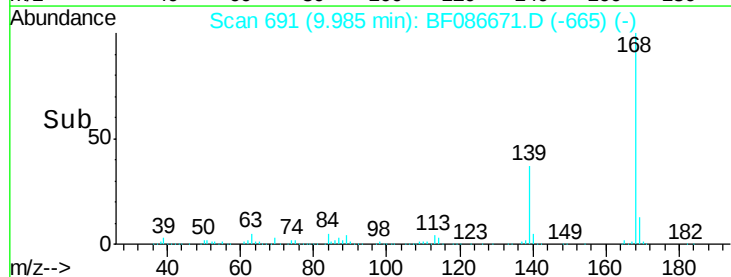
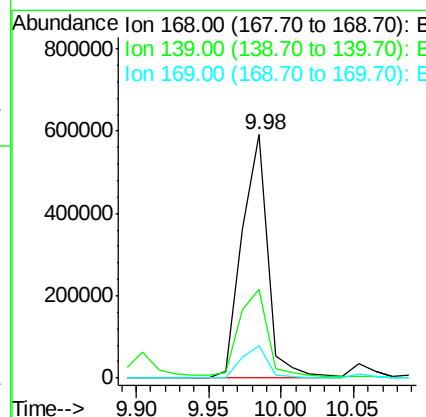
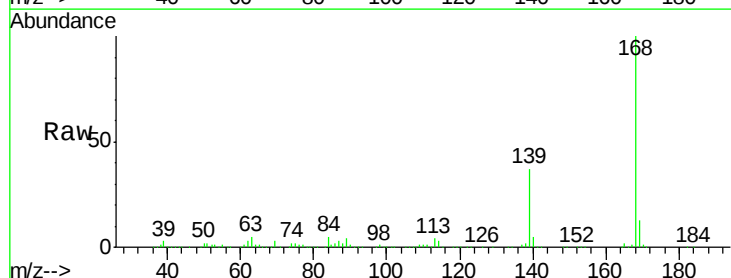
Instrument :
BNA_F
ClientSampleId :

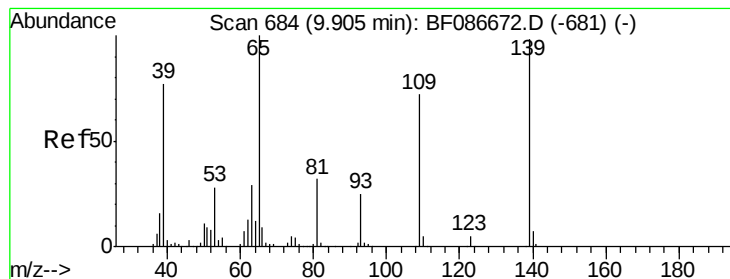
Tot Ion:184 Resp: 25333
Ion Ratio Lower Upper
184 100
63 83.8 55.8 83.8
154 84.4 62.4 93.6



#54
Dibenzofuran
Concen: 25.47 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF086671.D
Acq: 4 May 2016 12:17

Tgt Ion:168 Resp: 735300
Ion Ratio Lower Upper
168 100
139 36.5 31.4 47.0
169 13.1 10.7 16.1





#55

4-Nitrophenol

Concen: 22.08 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF086671.D

Acq: 4 May 2016 12:17

Instrument :
BNA_F
ClientSampleId :

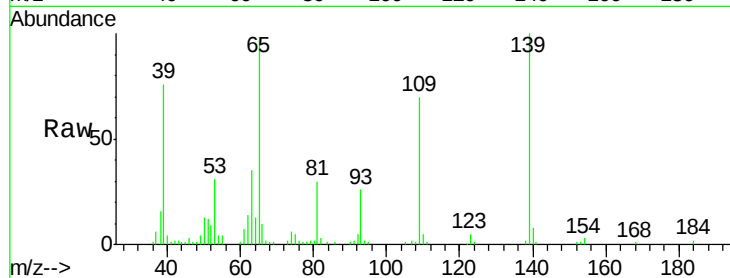
Tot Ion:139 Resp: 92572

Ion Ratio Lower Upper

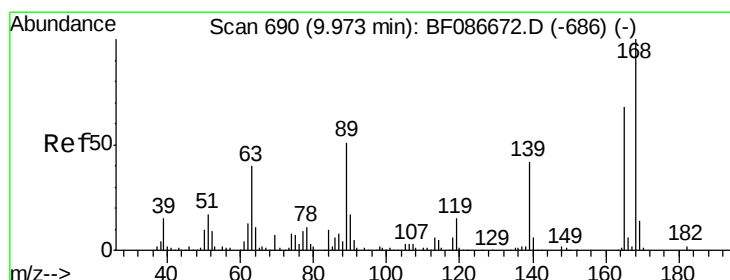
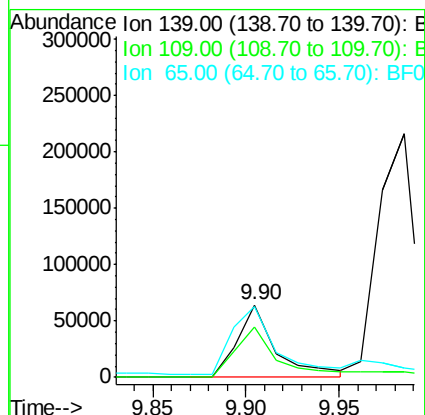
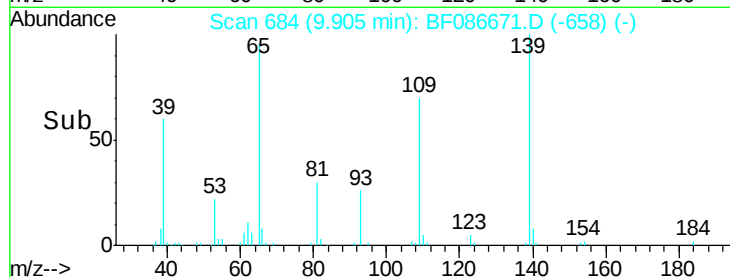
139 100

109 69.5 36.9 76.9

65 97.6 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: 26.26 ng

RT: 9.97 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF086671.D

Acq: 4 May 2016 12:17

Tgt Ion:165 Resp: 188423

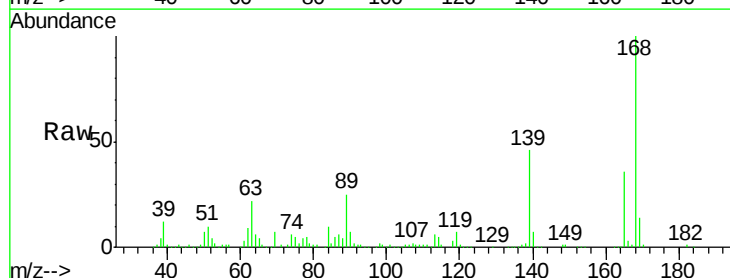
Ion Ratio Lower Upper

165 100

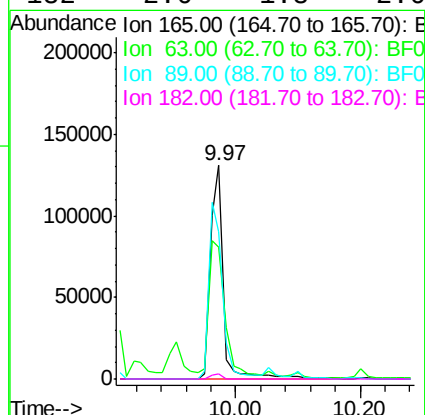
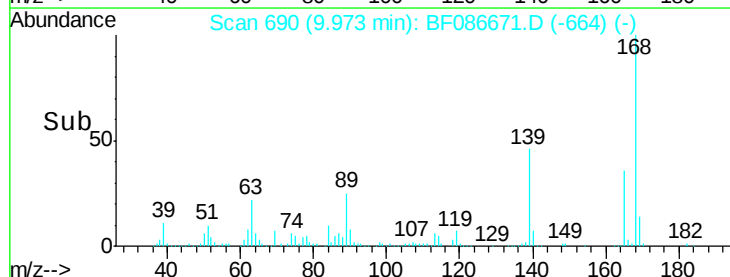
63 61.9 44.3 66.5

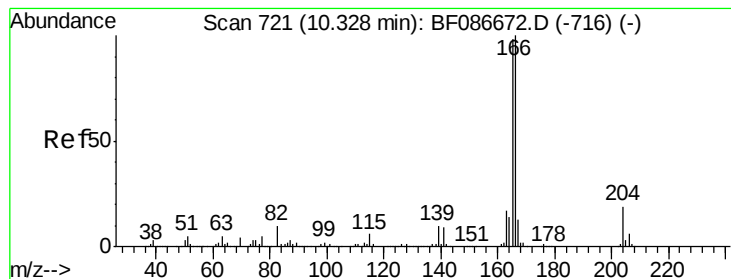
89 68.9 70.0 105.0#

182 2.6 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: 23.86 ng

RT: 10.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF086671.D

Acq: 4 May 2016 12:17

Instrument :

BNA_F

ClientSampleId :

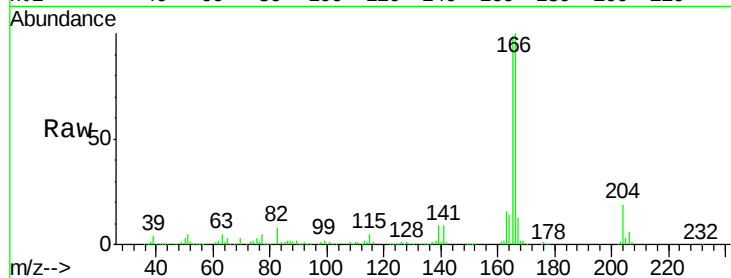
Tot Ion:166 Resp: 597905

Ion Ratio Lower Upper

166 100

165 98.7 79.0 118.6

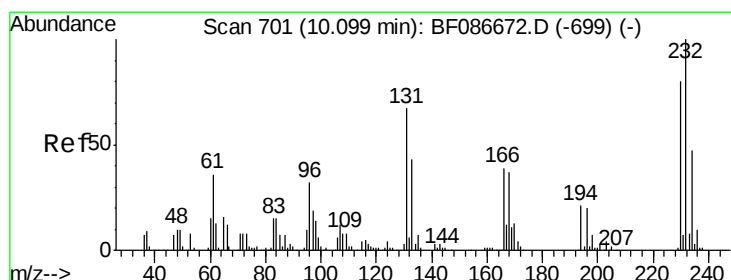
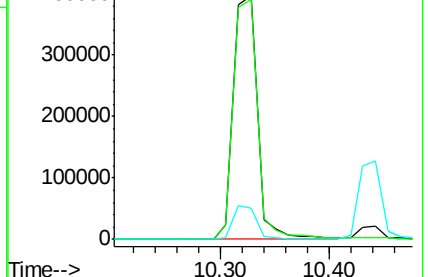
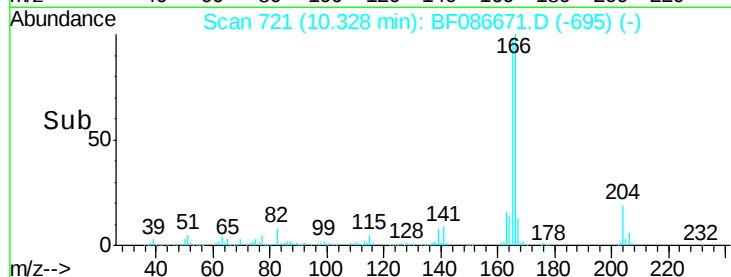
167 12.6 10.6 15.8



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: 24.69 ng

RT: 10.10 min Scan# 701

Delta R.T. 0.00 min

Lab File: BF086671.D

Acq: 4 May 2016 12:17

Tgt Ion:232 Resp: 137810

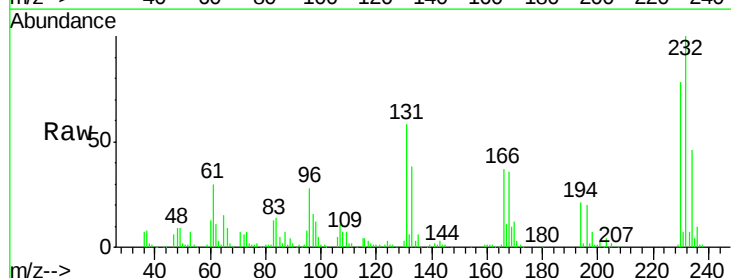
Ion Ratio Lower Upper

232 100

131 52.6 41.9 62.9

130 2.7 2.2 3.4

166 31.8 26.8 40.2

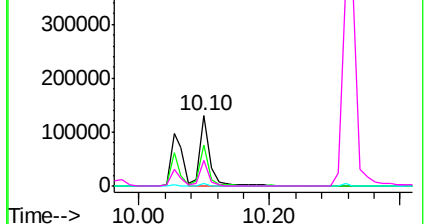
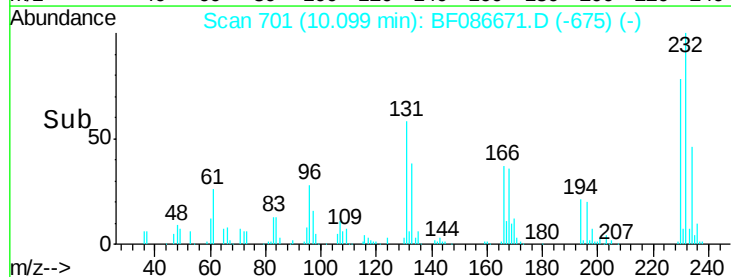


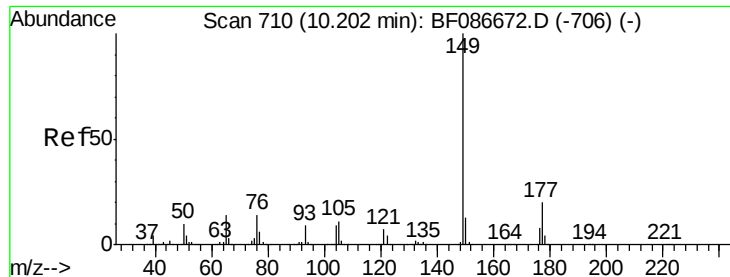
Abundance Ion 232.00 (231.70 to 232.70): E

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

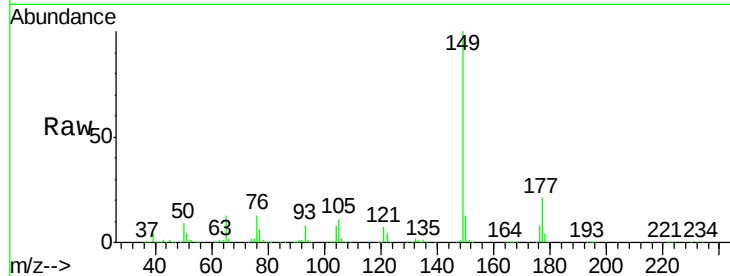




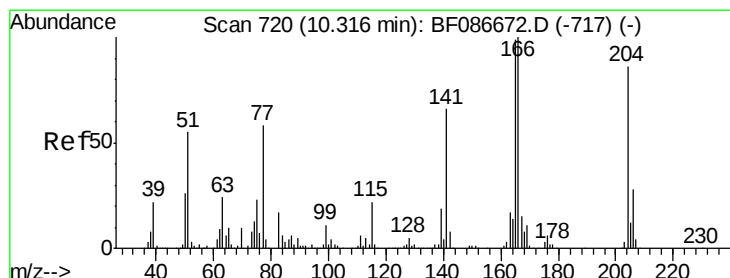
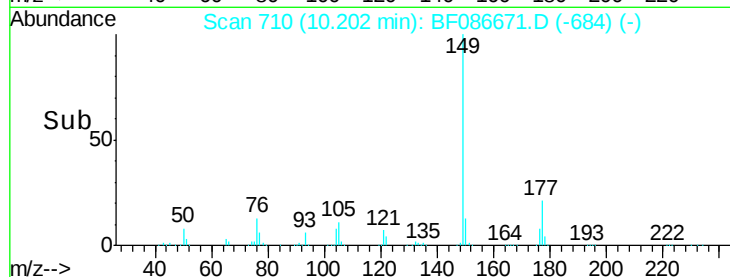
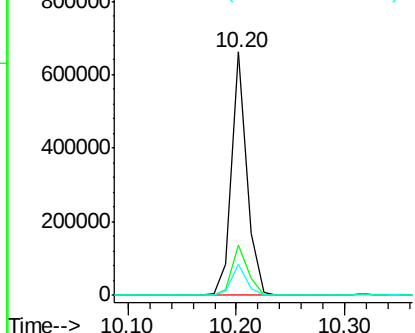
#59
Diethylphthalate
Concen: 24.72 ng
RT: 10.20 min Scan# 710
Delta R.T. 0.00 min
Lab File: BF086671.D
Acq: 4 May 2016 12:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 637717
Ion Ratio Lower Upper
149 100
177 20.7 16.6 24.8
150 12.7 10.0 15.0

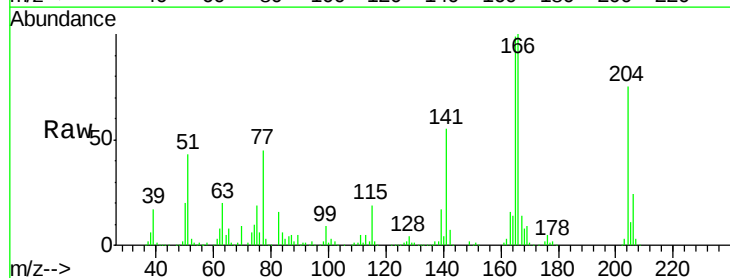


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

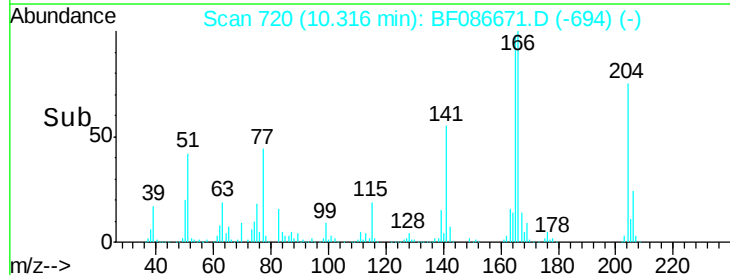
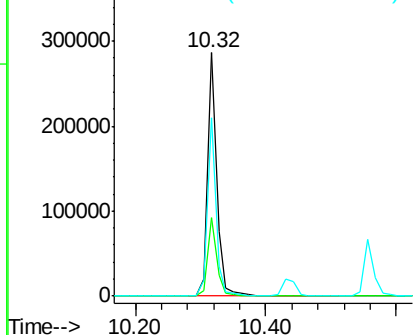


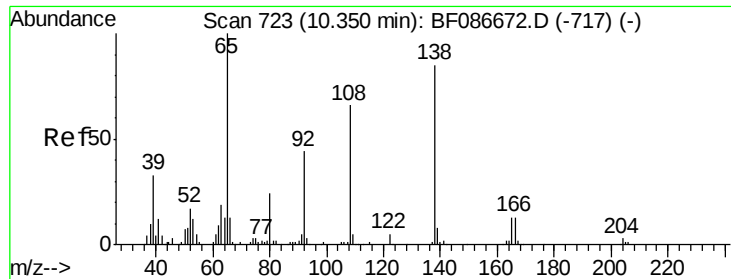
#60
4-Chlorophenyl-phenylether
Concen: 24.61 ng
RT: 10.32 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF086671.D
Acq: 4 May 2016 12:17

Tgt Ion:204 Resp: 280047
Ion Ratio Lower Upper
204 100
206 32.2 25.4 38.0
141 73.1 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

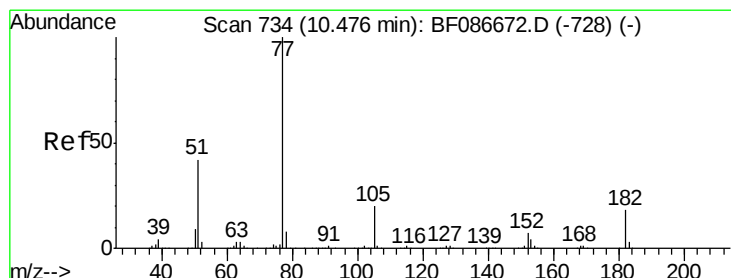
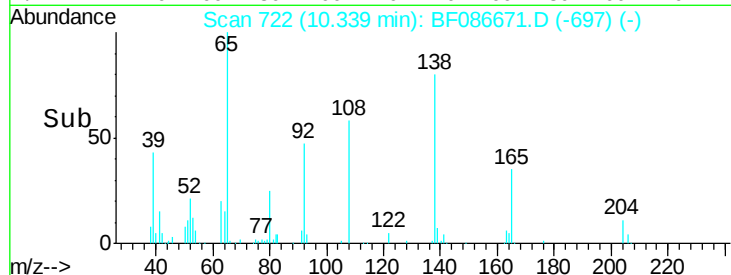
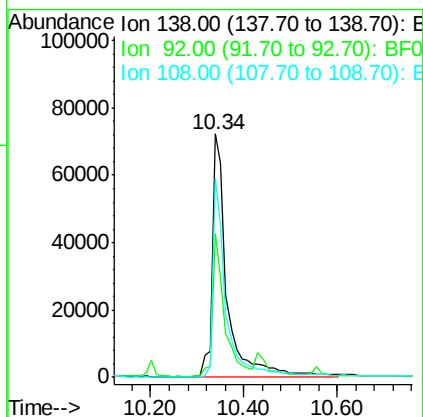
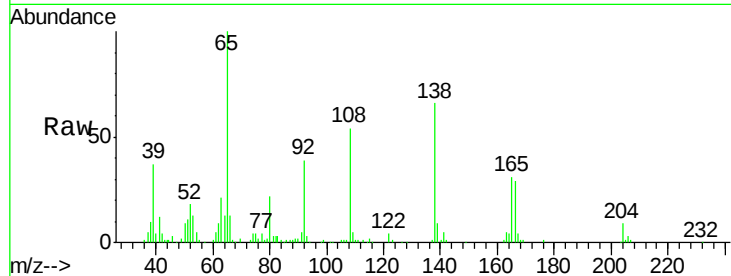




#61
4-Nitroaniline
Concen: 26.35 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF086671.D
Acq: 4 May 2016 12:17

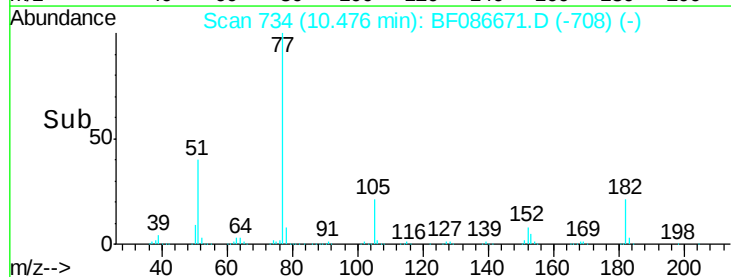
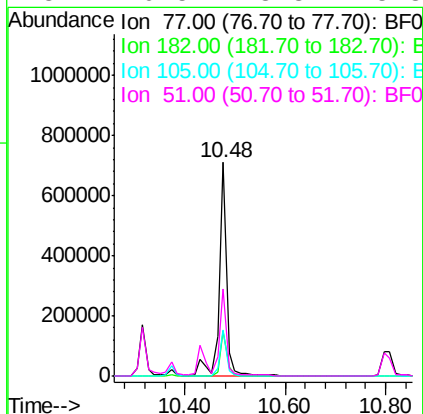
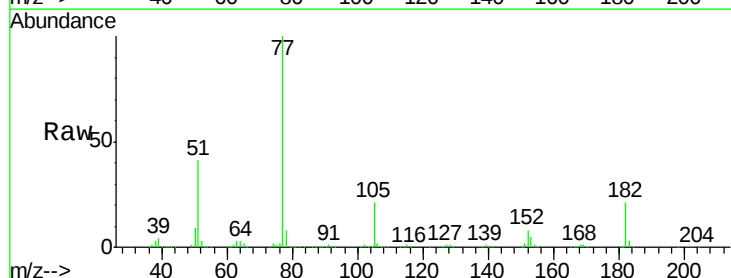
Instrument :
BNA_F
ClientSampled :

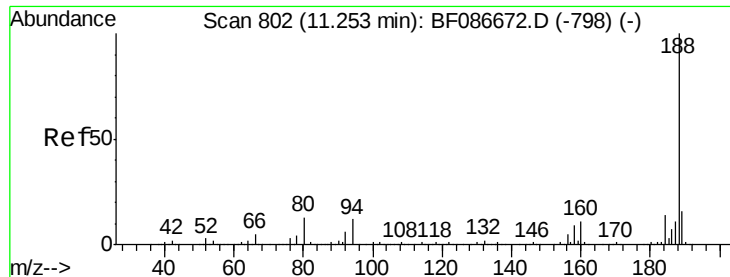
Tot Ion:138 Resp: 164892
Ion Ratio Lower Upper
138 100
92 58.9 24.7 64.7
108 81.6 37.4 77.4#



#62
Azobenzene
Concen: 25.97 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF086671.D
Acq: 4 May 2016 12:17

Tgt Ion: 77 Resp: 733863
Ion Ratio Lower Upper
77 100
182 20.9 0.0 38.8
105 21.5 3.2 43.2
51 40.5 8.8 48.8

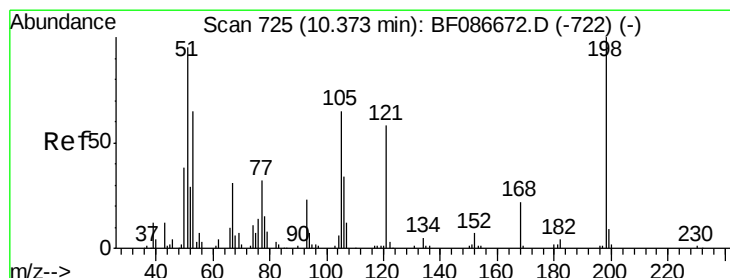
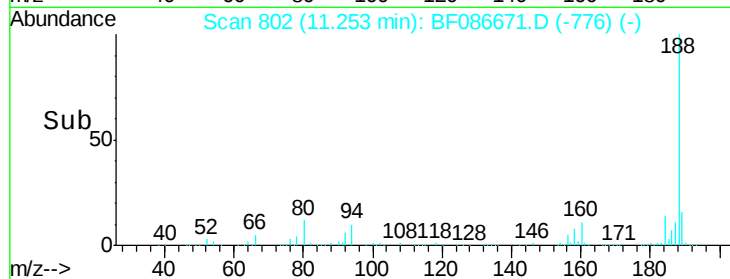
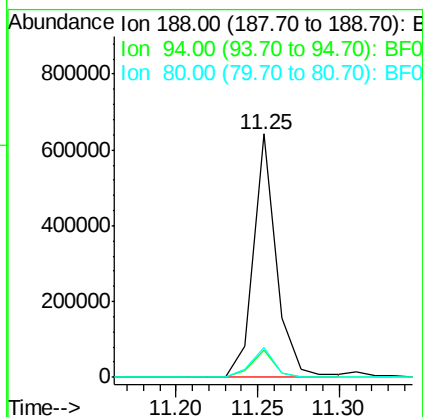
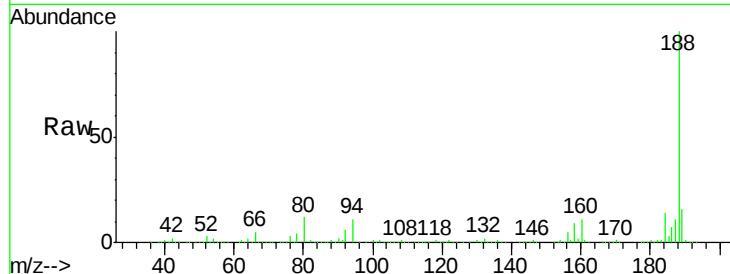




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.25 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF086671.D
 Acq: 4 May 2016 12:17

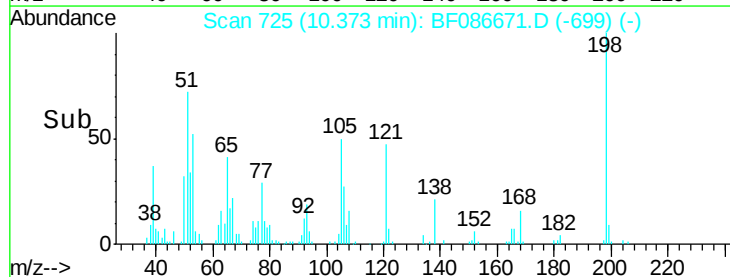
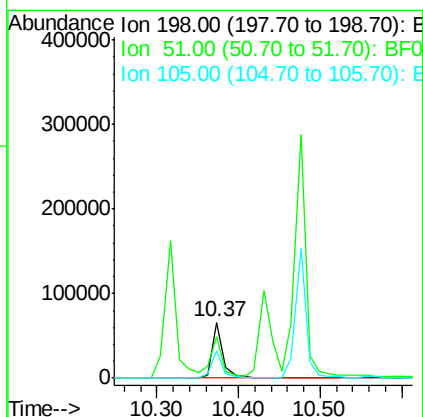
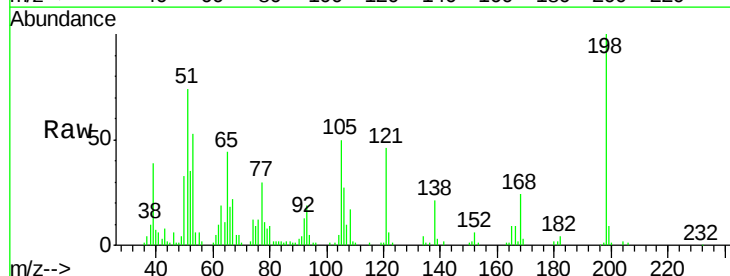
Instrument :
 BNA_F
 ClientSampleId :

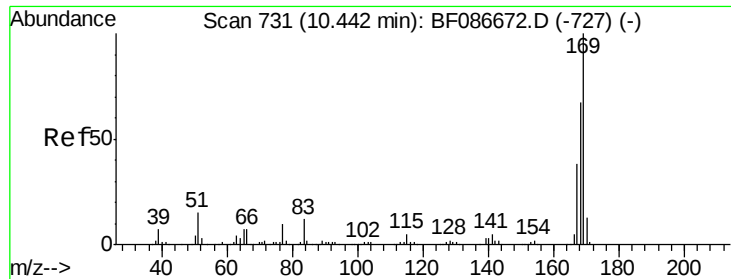
Tot Ion:188 Resp: 630566
 Ion Ratio Lower Upper
 188 100
 94 11.3 6.8 10.2#
 80 12.4 7.1 10.7#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 17.42 ng
 RT: 10.37 min Scan# 725
 Delta R.T. 0.00 min
 Lab File: BF086671.D
 Acq: 4 May 2016 12:17

Tgt Ion:198 Resp: 64475
 Ion Ratio Lower Upper
 198 100
 51 73.8 20.5 60.5#
 105 49.5 24.5 64.5

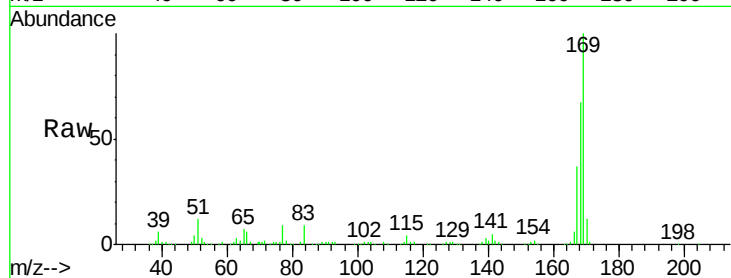




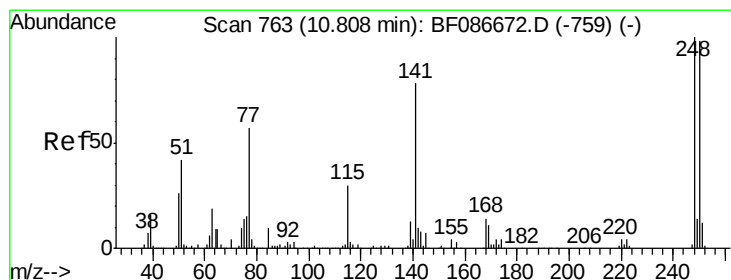
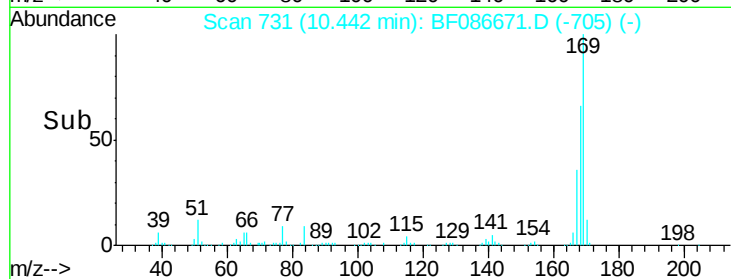
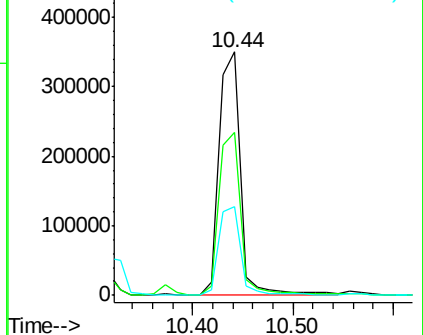
#65
 n-Nitrosodiphenylamine
 Concen: 26.26 ng
 RT: 10.44 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF086671.D
 Acq: 4 May 2016 12:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 517523
 Ion Ratio Lower Upper
 169 100
 168 66.9 53.8 80.6
 167 36.5 29.5 44.3

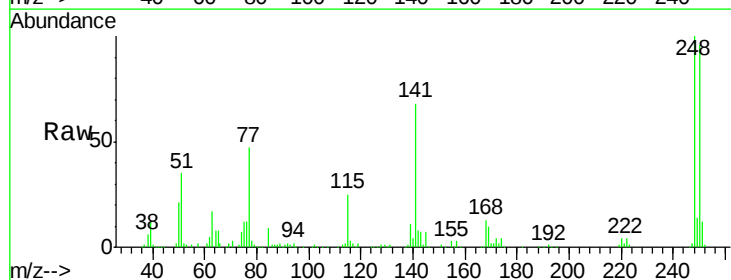


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

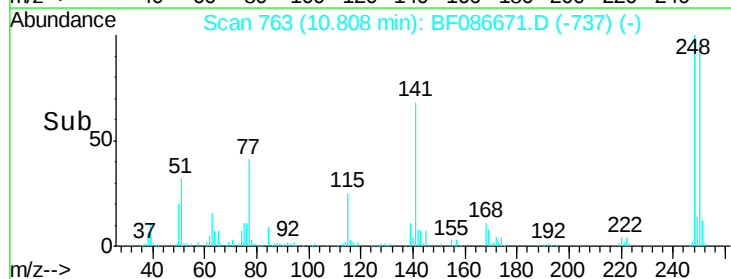
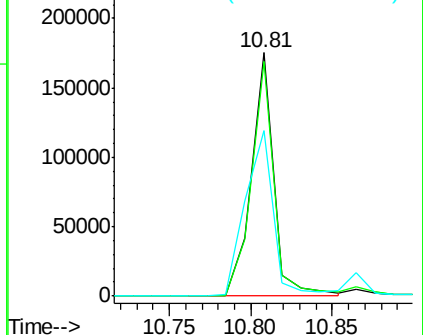


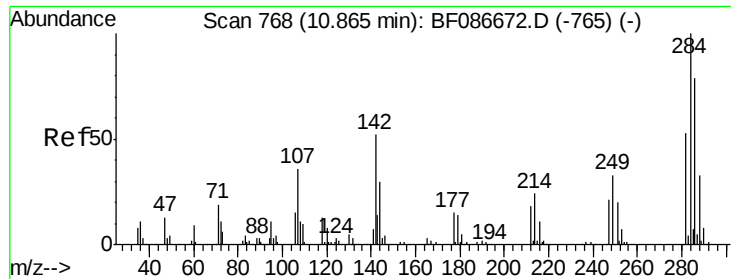
#66
 4-Bromophenyl-phenylether
 Concen: 25.87 ng
 RT: 10.81 min Scan# 763
 Delta R.T. 0.00 min
 Lab File: BF086671.D
 Acq: 4 May 2016 12:17

Tgt Ion:248 Resp: 168112
 Ion Ratio Lower Upper
 248 100
 250 96.3 78.6 117.8
 141 68.1 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: 25.15 ng

RT: 10.86 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF086671.D

Acq: 4 May 2016 12:17

Instrument :

BNA_F

ClientSampled :

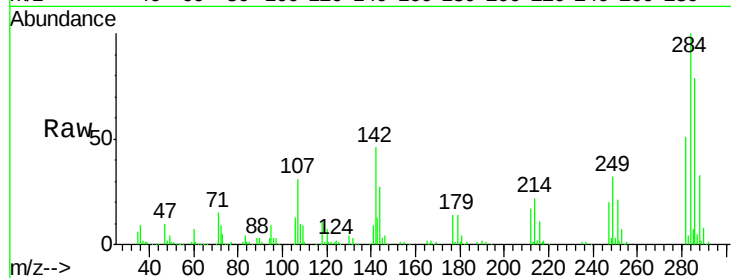
Tot Ion:284 Resp: 189148

Ion Ratio Lower Upper

284 100

142 46.4 16.7 25.1#

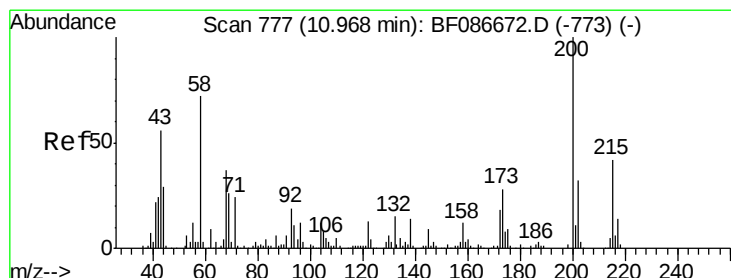
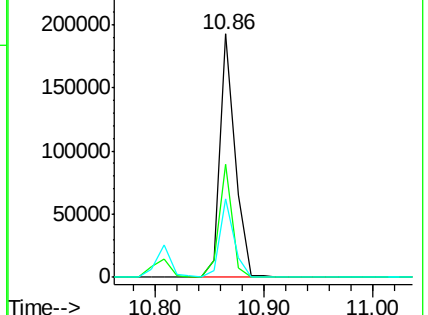
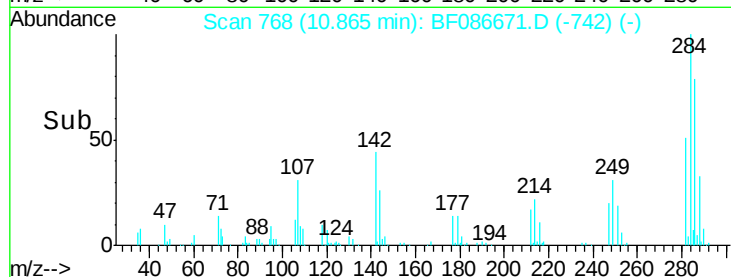
249 32.0 21.3 31.9#



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: 29.97 ng

RT: 10.97 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF086671.D

Acq: 4 May 2016 12:17

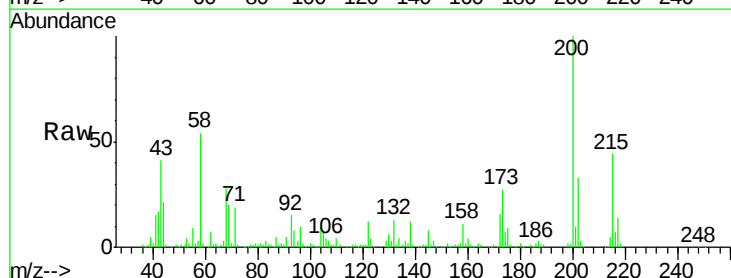
Tgt Ion:200 Resp: 177370

Ion Ratio Lower Upper

200 100

173 26.7 8.5 48.5

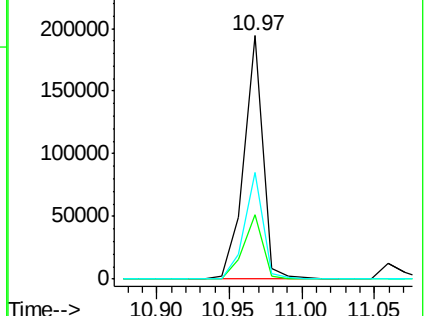
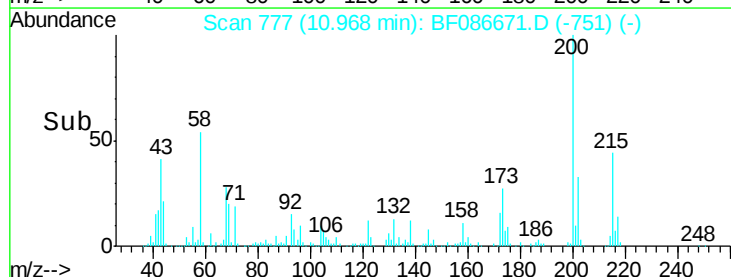
215 43.9 27.2 67.2

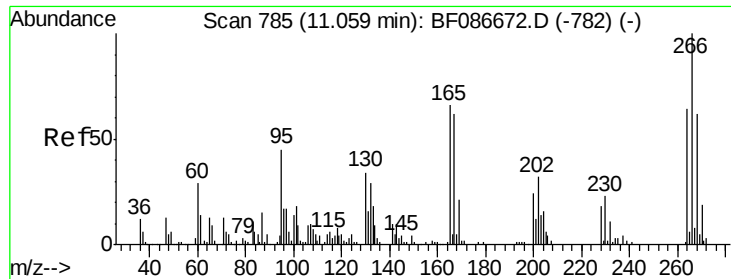


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

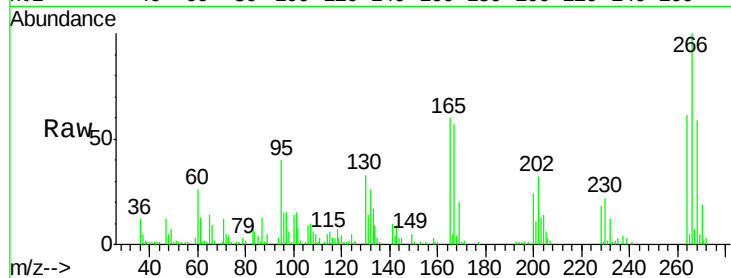




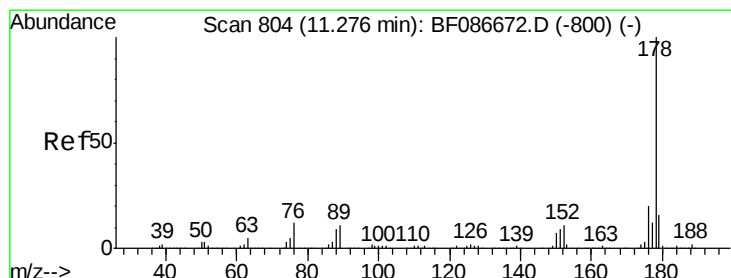
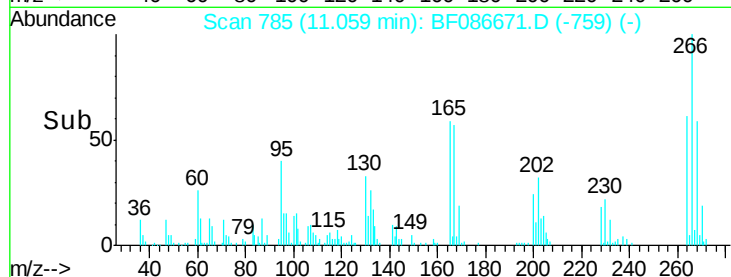
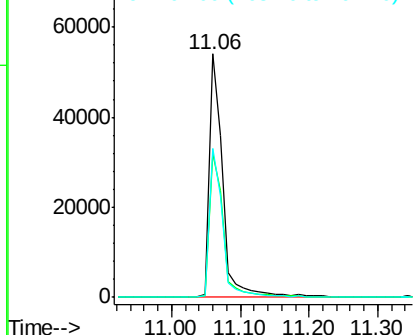
#69
 Pentachlorophenol
 Concen: 18.74 ng
 RT: 11.06 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF086671.D
 Acq: 4 May 2016 12:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 74317
 Ion Ratio Lower Upper
 266 100
 268 59.1 51.5 77.3
 264 60.9 52.9 79.3

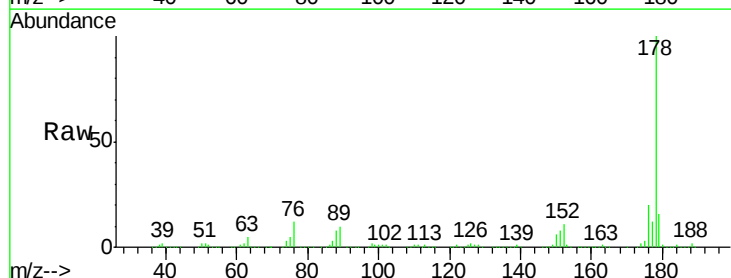


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

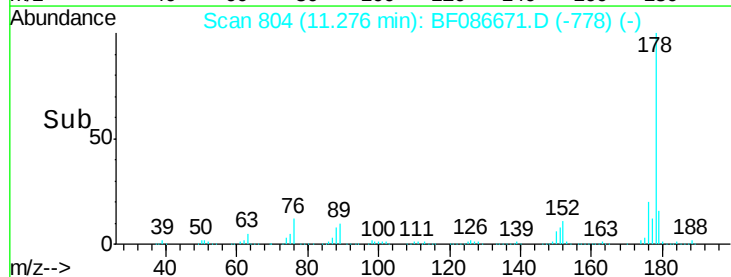
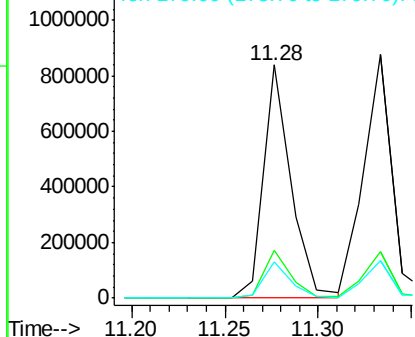


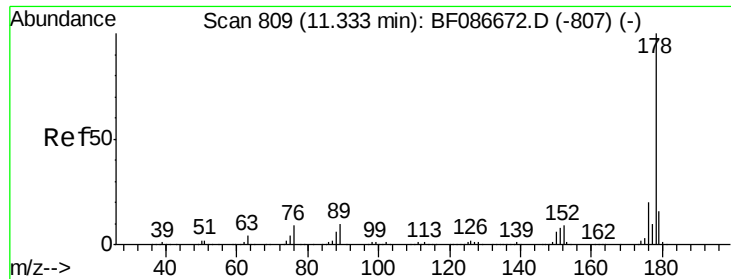
#70
 Phenanthrene
 Concen: 25.74 ng
 RT: 11.28 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF086671.D
 Acq: 4 May 2016 12:17

Tgt Ion:178 Resp: 851915
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.0 24.0
 179 15.7 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

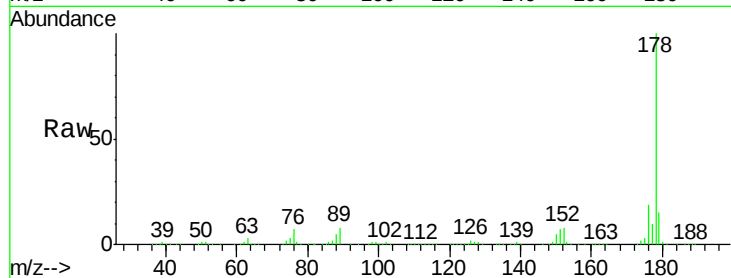




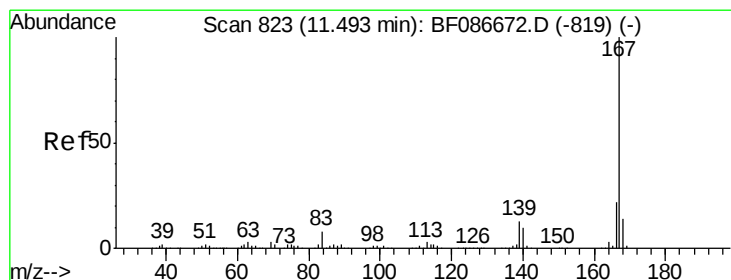
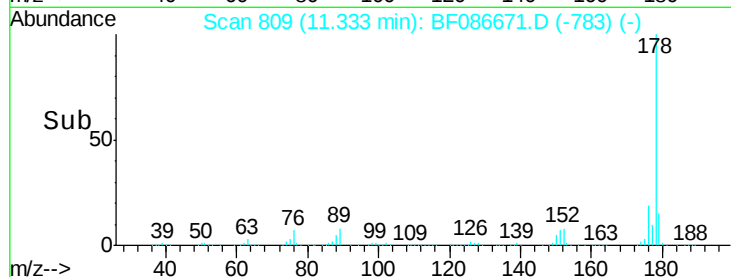
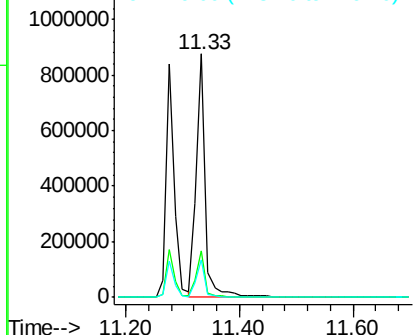
#71
 Anthracene
 Concen: 27.65 ng
 RT: 11.33 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF086671.D
 Acq: 4 May 2016 12:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 976617
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.6 23.4
 179 15.4 12.7 19.1

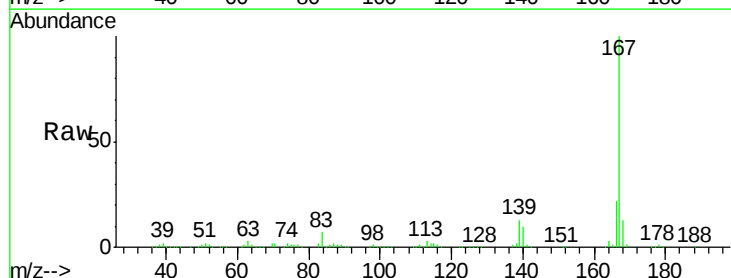


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

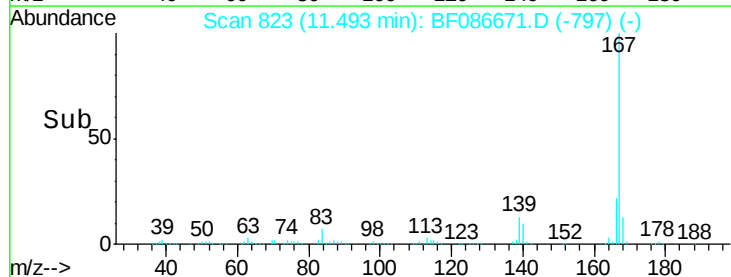
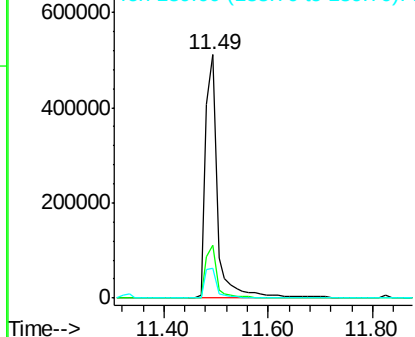


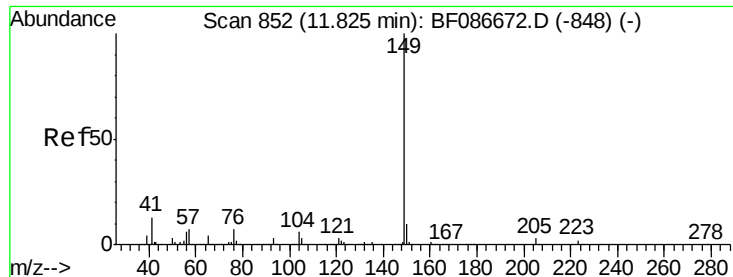
#72
 Carbazole
 Concen: 26.14 ng
 RT: 11.49 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF086671.D
 Acq: 4 May 2016 12:17

Tgt Ion:167 Resp: 818103
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.7 26.5
 139 12.5 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: 27.44 ng

RT: 11.82 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF086671.D

Acq: 4 May 2016 12:17

Instrument :

BNA_F

ClientSampleId :

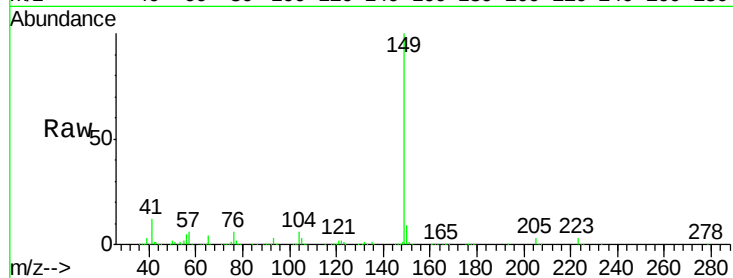
Tot Ion:149 Resp: 973106

Ion Ratio Lower Upper

149 100

150 9.4 7.6 11.4

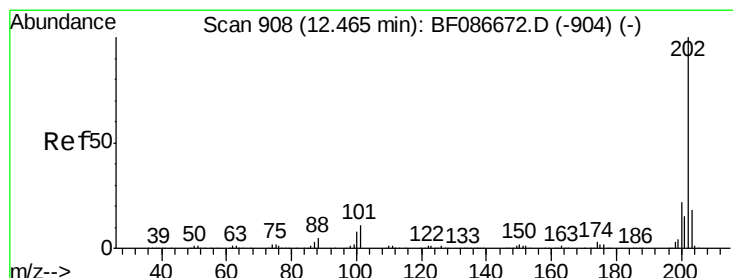
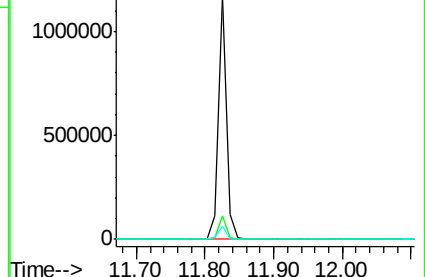
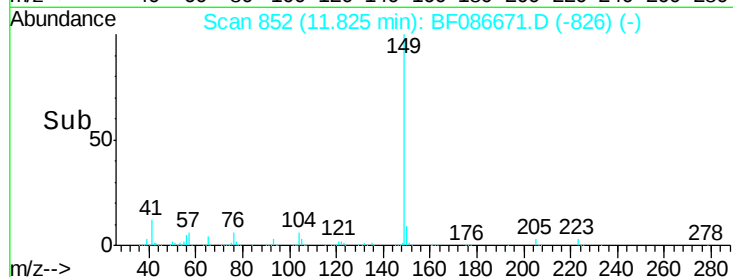
104 5.6 3.8 5.6



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: 28.27 ng

RT: 12.47 min Scan# 908

Delta R.T. 0.00 min

Lab File: BF086671.D

Acq: 4 May 2016 12:17

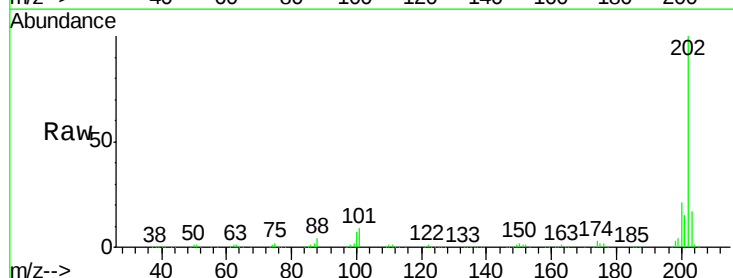
Tgt Ion:202 Resp: 944206

Ion Ratio Lower Upper

202 100

101 9.4 0.0 35.4

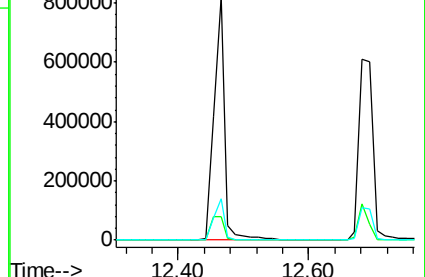
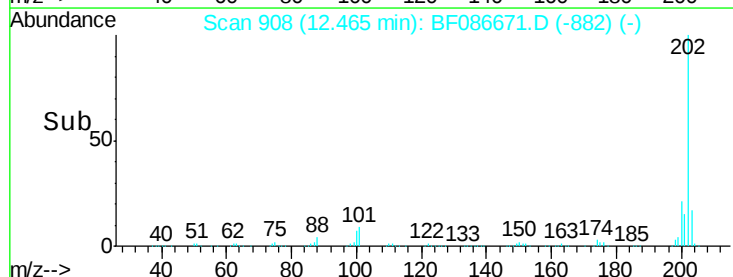
203 17.2 0.0 38.1

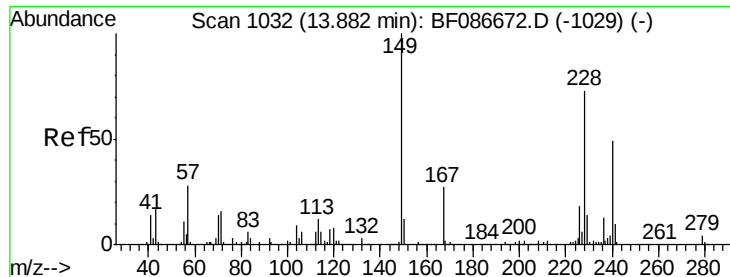


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF086671.D

Acq: 4 May 2016 12:17

Instrument :

BNA_F

ClientSampled :

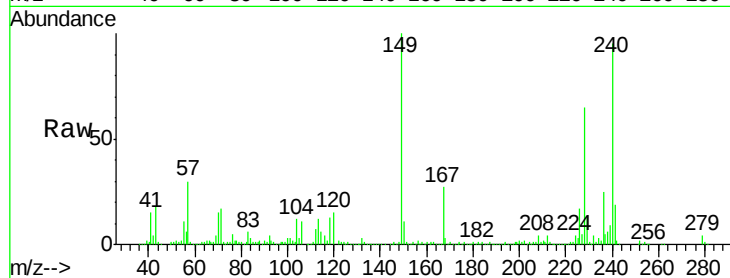
Tot Ion:240 Resp: 447153

Ion Ratio Lower Upper

240 100

120 15.4 11.2 16.8

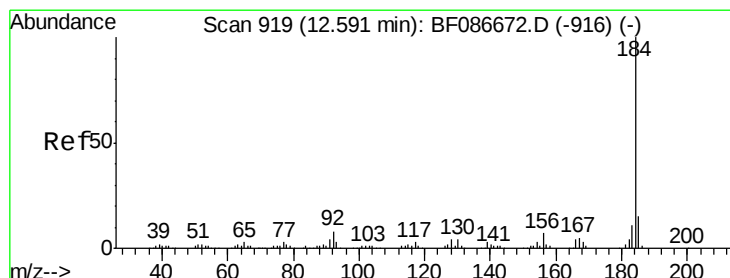
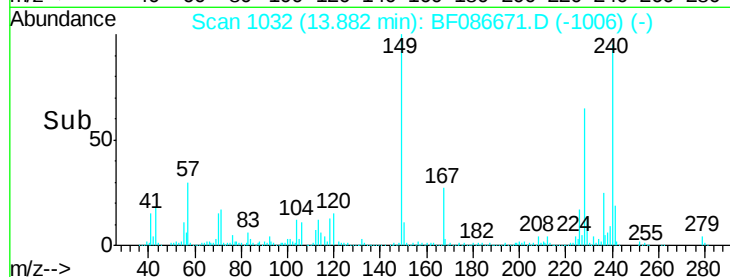
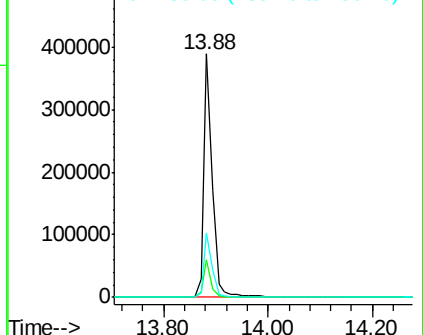
236 26.5 21.2 31.8



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: 15.89 ng

RT: 12.59 min Scan# 919

Delta R.T. 0.00 min

Lab File: BF086671.D

Acq: 4 May 2016 12:17

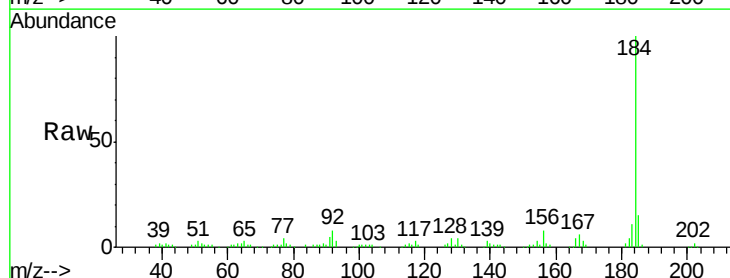
Tgt Ion:184 Resp: 244221

Ion Ratio Lower Upper

184 100

185 15.1 13.6 20.4

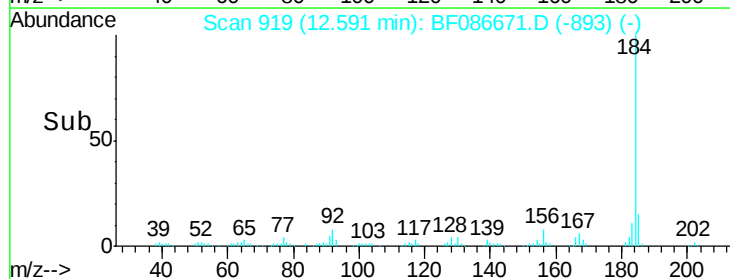
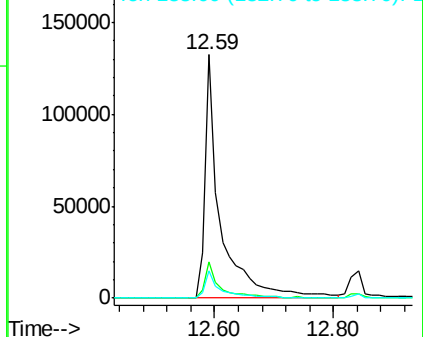
183 11.4 9.8 14.6

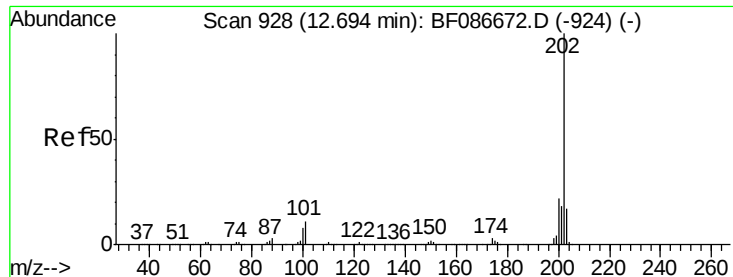


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 27.83 ng

RT: 12.68 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF086671.D

Acq: 4 May 2016 12:17

Instrument :
BNA_F
ClientSampleId :

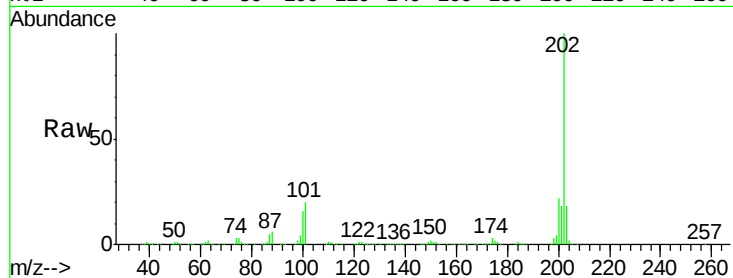
Tot Ion:202 Resp: 896646

Ion Ratio Lower Upper

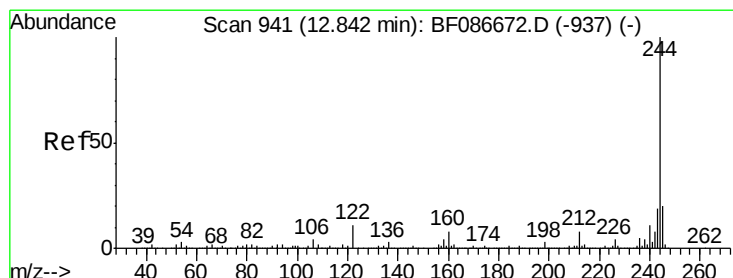
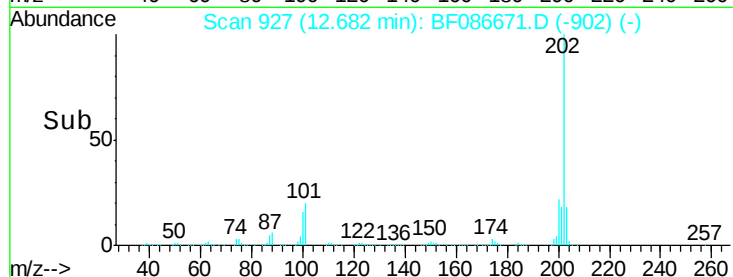
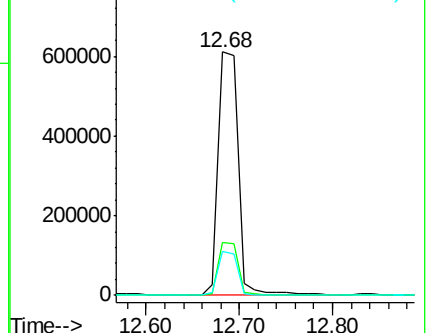
202 100

200 21.9 17.7 26.5

203 18.0 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: 58.16 ng

RT: 12.84 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF086671.D

Acq: 4 May 2016 12:17

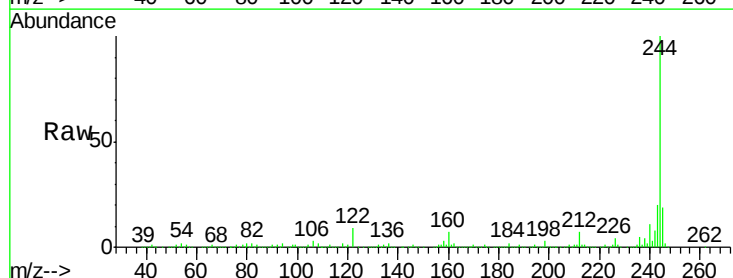
Tgt Ion:244 Resp: 1180368

Ion Ratio Lower Upper

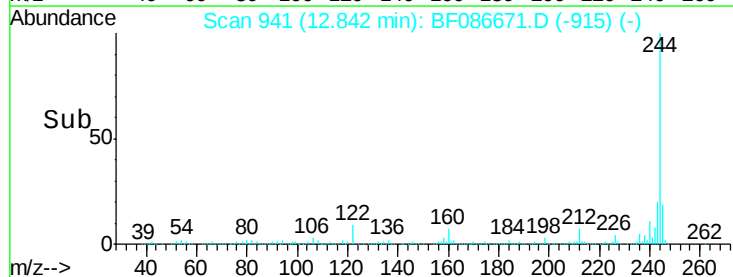
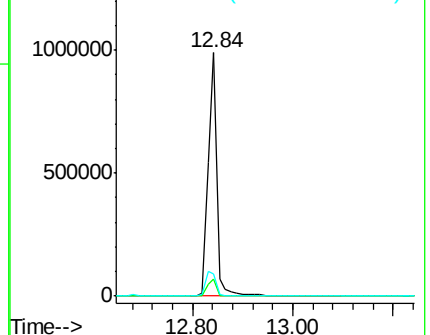
244 100

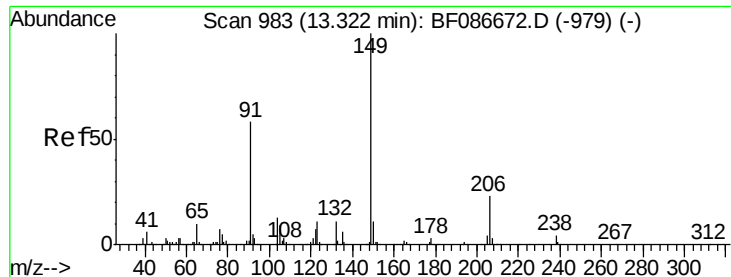
212 7.2 6.2 9.2

122 9.2 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

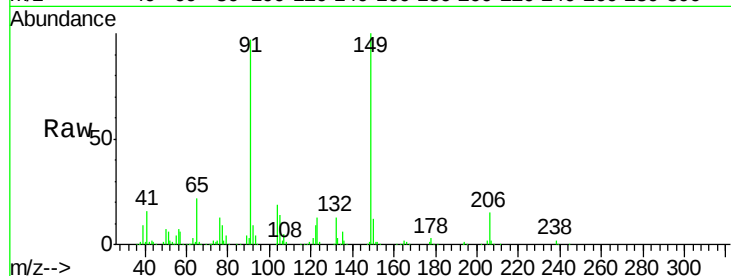




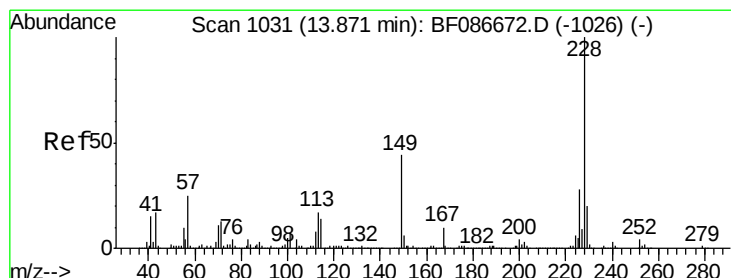
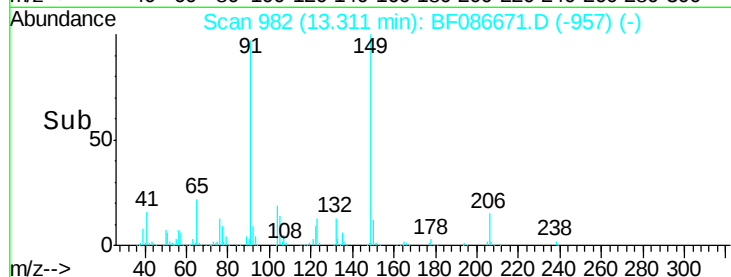
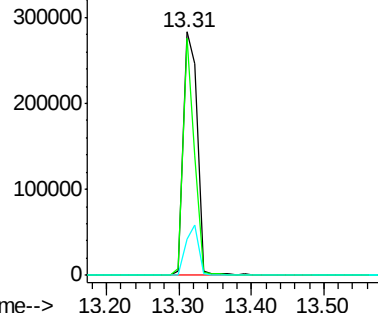
#79
Butylbenzylphthalate
Concen: 27.10 ng
RT: 13.31 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF086671.D
Acq: 4 May 2016 12:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 378111
Ion Ratio Lower Upper
149 100
91 97.3 48.0 72.0#
206 14.7 15.8 23.6#

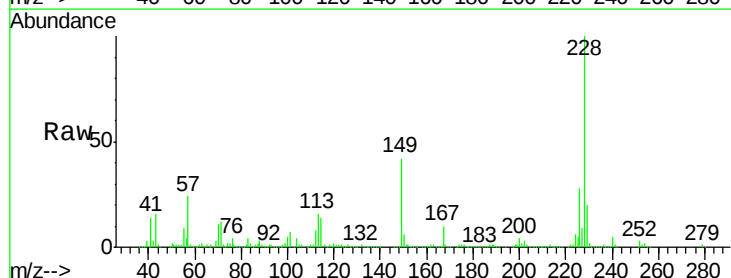


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

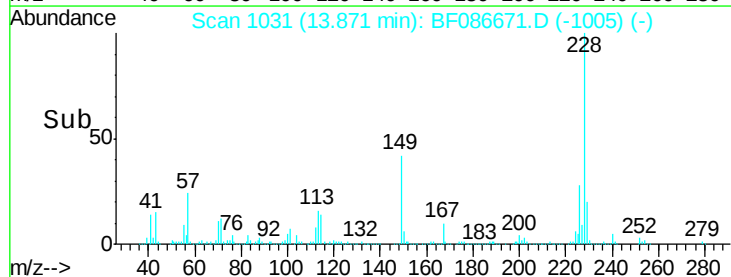
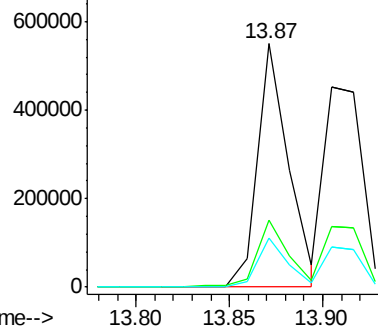


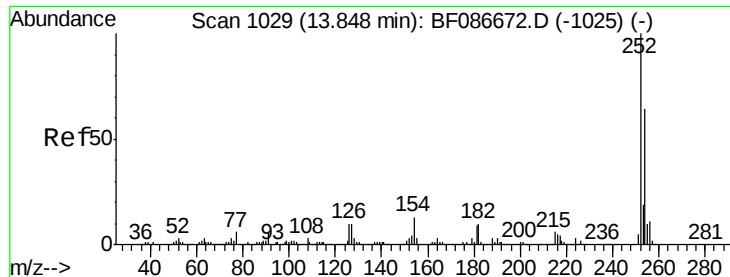
#80
Benzo(a)anthracene
Concen: 26.82 ng
RT: 13.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF086671.D
Acq: 4 May 2016 12:17

Tgt Ion:228 Resp: 639474
Ion Ratio Lower Upper
228 100
226 27.6 22.5 33.7
229 19.9 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

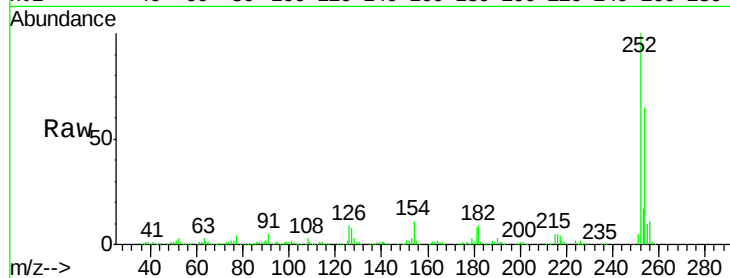




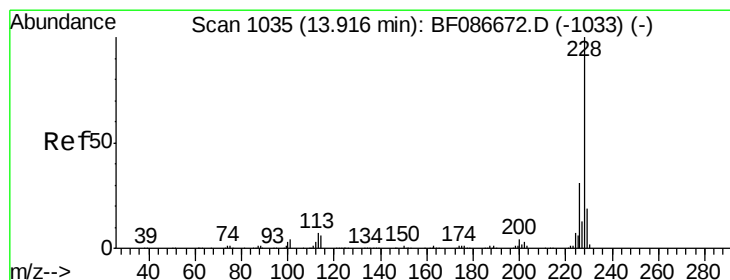
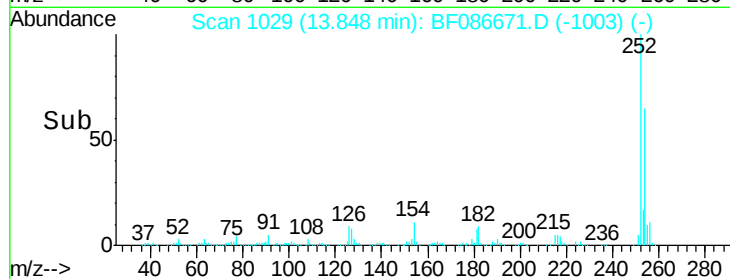
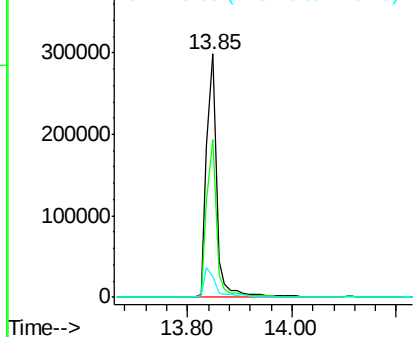
#81
 3,3'-Dichlorobenzidine
 Concen: 25.88 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: BF086671.D
 Acq: 4 May 2016 12:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 412441
 Ion Ratio Lower Upper
 252 100
 254 64.9 50.7 76.1
 126 8.7 12.7 19.1#

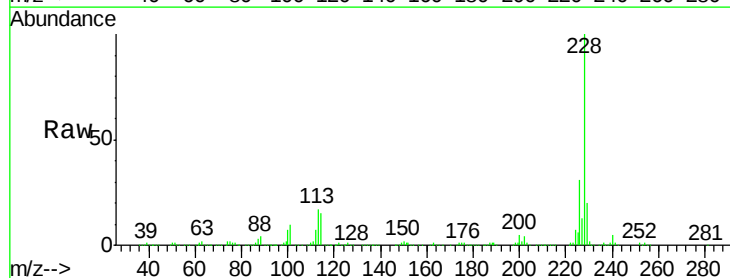


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

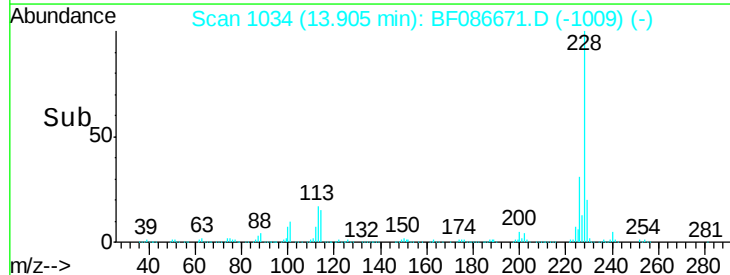
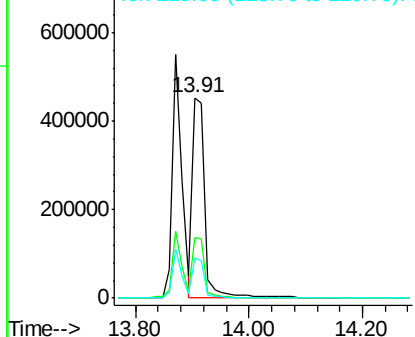


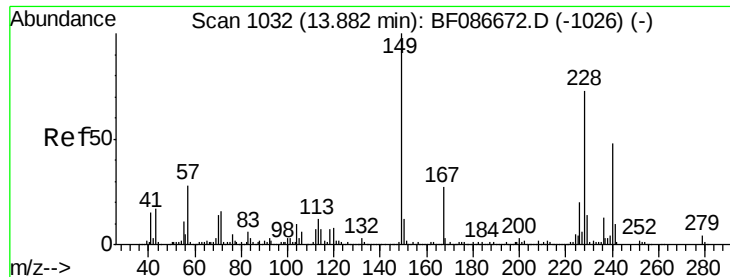
#82
 Chrysene
 Concen: 26.80 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BF086671.D
 Acq: 4 May 2016 12:17

Tgt Ion:228 Resp: 694354
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.4 36.6
 229 20.2 15.8 23.8



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 26.28 ng

RT: 13.88 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF086671.D

Acq: 4 May 2016 12:17

Instrument :

BNA_F

ClientSampleId :

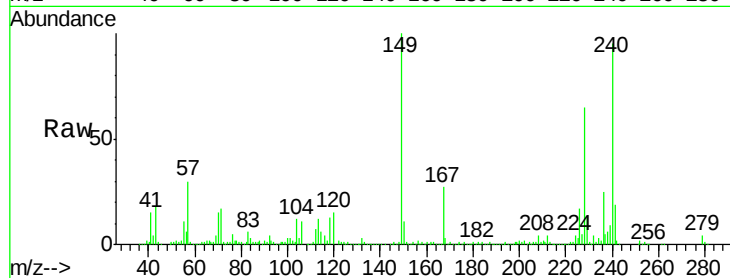
Tot Ion:149 Resp: 455159

Ion Ratio Lower Upper

149 100

167 27.0 21.8 32.6

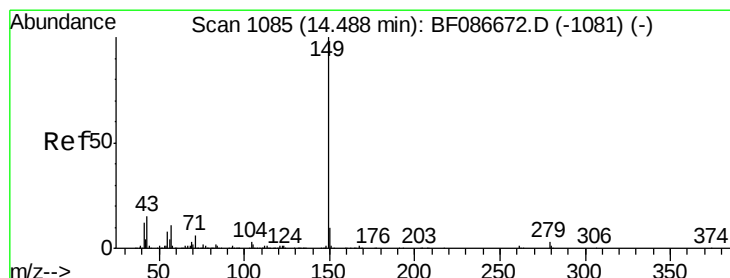
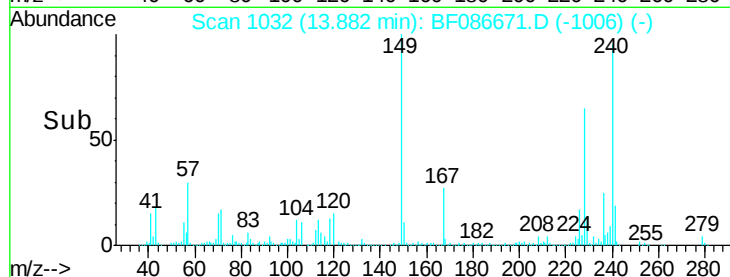
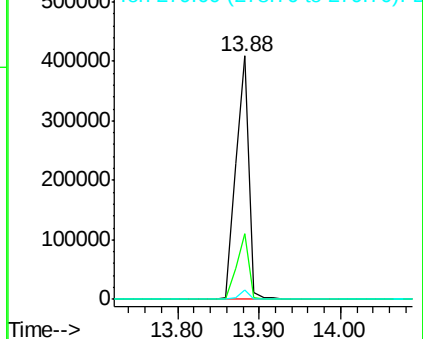
279 3.8 2.6 4.0



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: 24.78 ng

RT: 14.49 min Scan# 1085

Delta R.T. 0.00 min

Lab File: BF086671.D

Acq: 4 May 2016 12:17

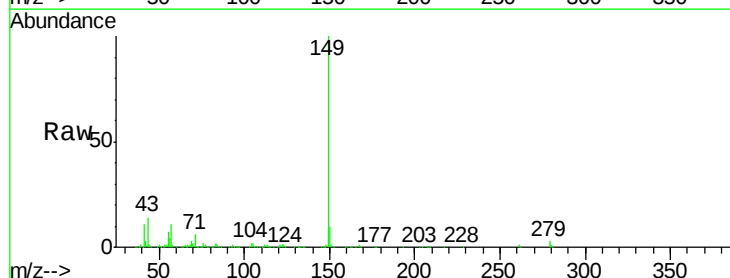
Tgt Ion:149 Resp: 672300

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

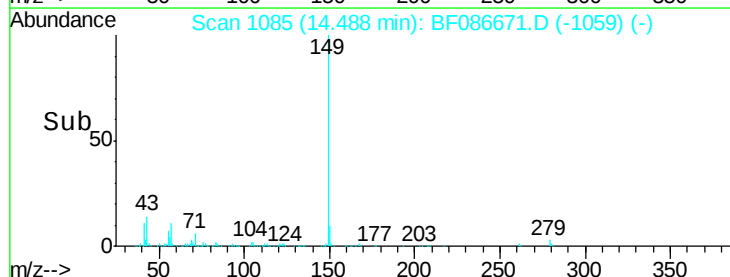
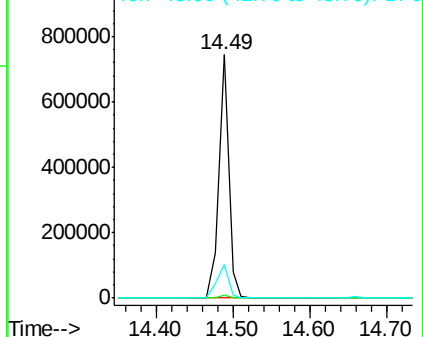
43 15.9 8.2 12.4#

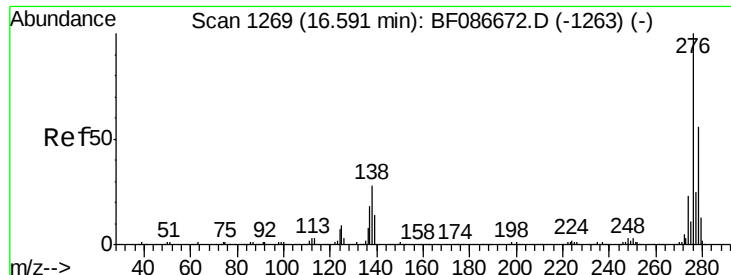


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

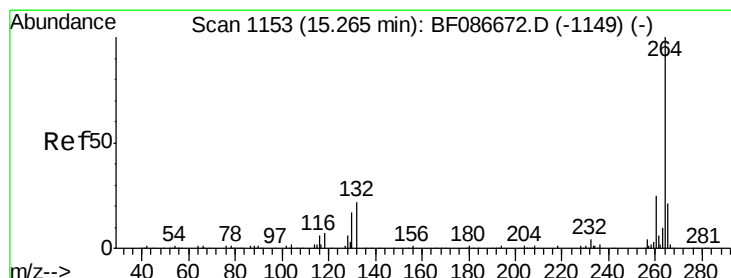
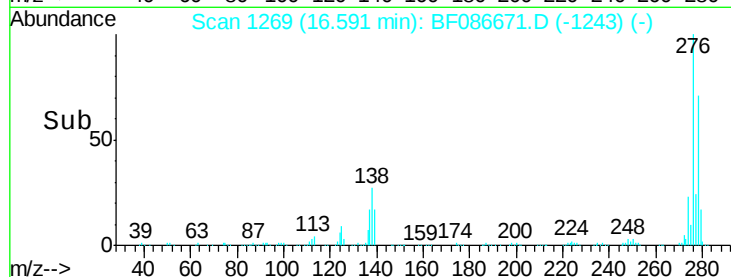
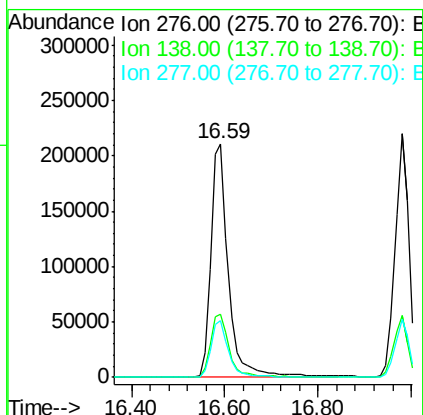
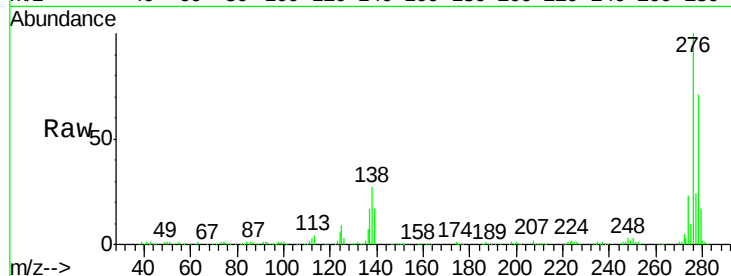




#85
Indeno(1,2,3-cd)pyrene
Concen: 28.85 ng
RT: 16.59 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BF086671.D
Acq: 4 May 2016 12:17

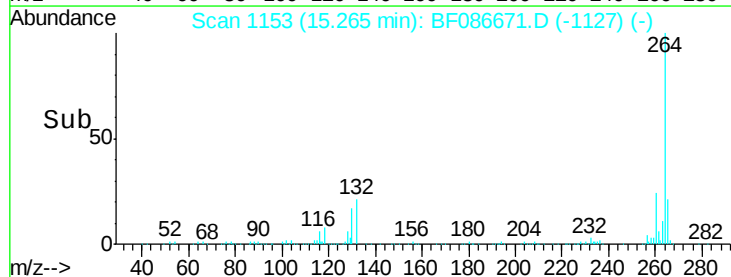
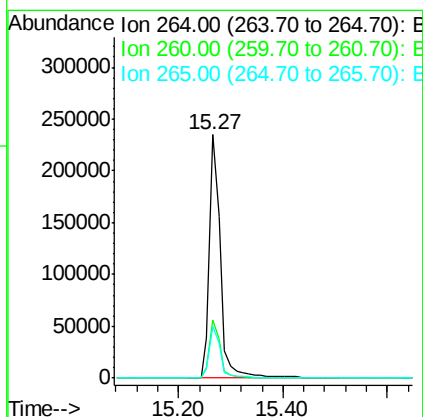
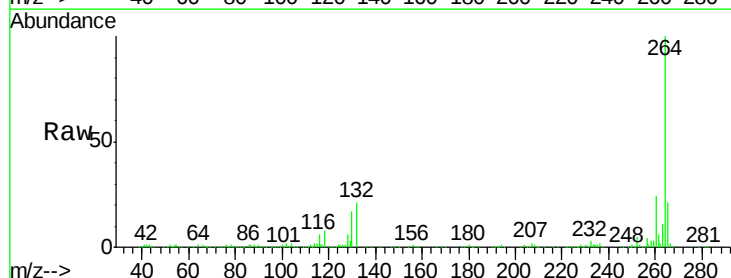
Instrument :
BNA_F
ClientSampleId :

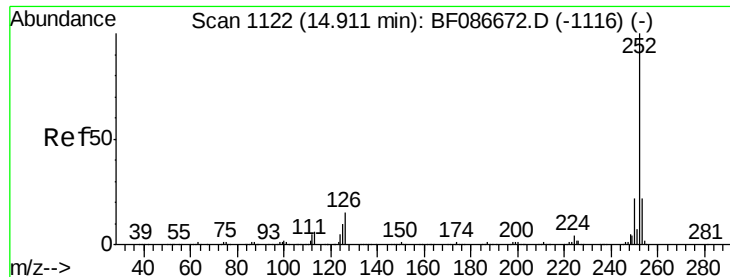
Tot Ion:276 Resp: 553978
Ion Ratio Lower Upper
276 100
138 29.2 25.6 38.4
277 24.8 20.5 30.7



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF086671.D
Acq: 4 May 2016 12:17

Tgt Ion:264 Resp: 345134
Ion Ratio Lower Upper
264 100
260 24.1 19.5 29.3
265 21.2 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 52.71 ng

RT: 14.91 min Scan# 1122

Delta R.T. 0.02 min

Lab File: BF086671.D

Acq: 4 May 2016 12:17

Instrument :

BNA_F

ClientSampleId :

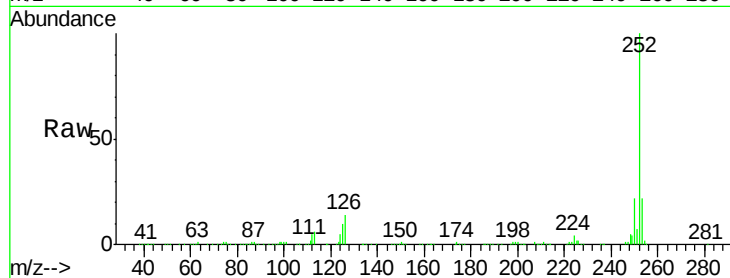
Tot Ion:252 Resp: 1070262

Ion Ratio Lower Upper

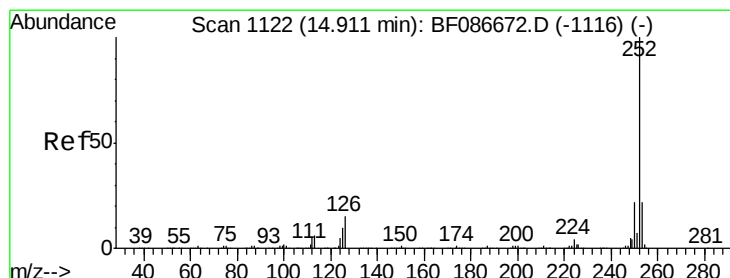
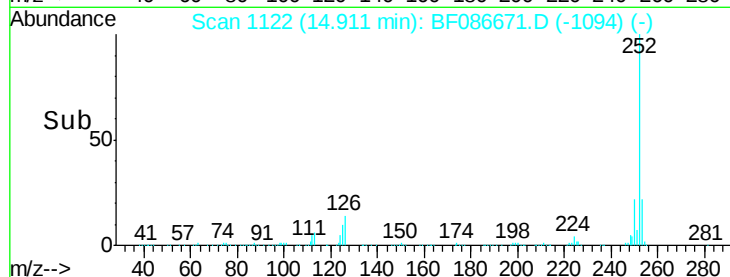
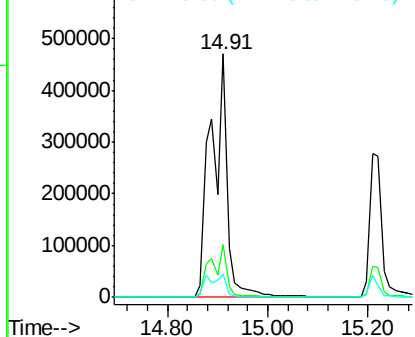
252 100

253 21.7 17.8 26.6

125 9.6 11.4 17.0#



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



#88

Benzo(k)fluoranthene

Concen: 50.58 ng

RT: 14.91 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BF086671.D

Acq: 4 May 2016 12:17

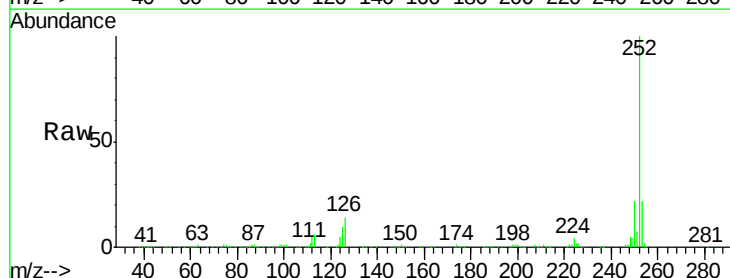
Tgt Ion:252 Resp: 1071109

Ion Ratio Lower Upper

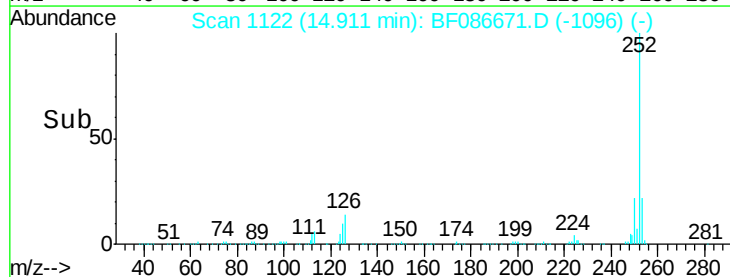
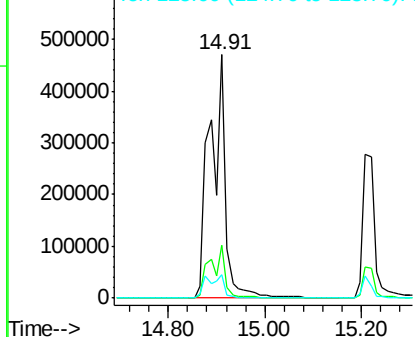
252 100

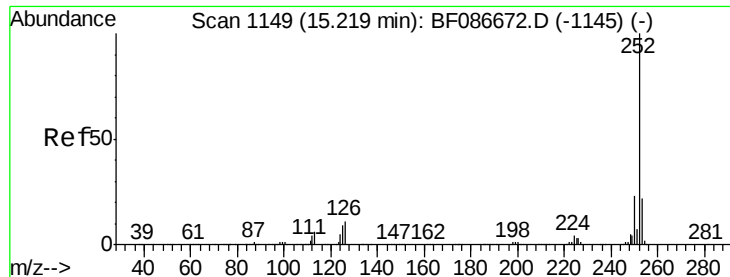
253 21.7 17.8 26.6

125 9.6 9.1 13.7



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





#89

Benzo(a)pyrene

Concen: 24.98 ng

RT: 15.21 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF086671.D

Acq: 4 May 2016 12:17

Instrument :

BNA_F

ClientSampleId :

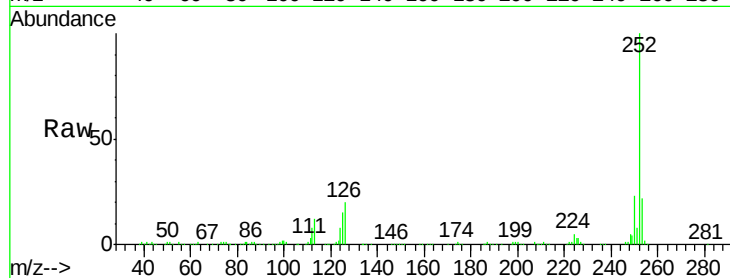
Tot Ion:252 Resp: 478878

Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

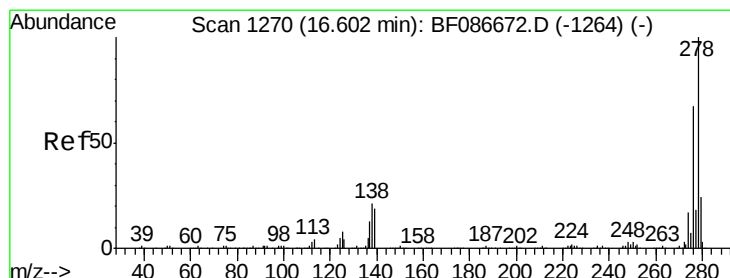
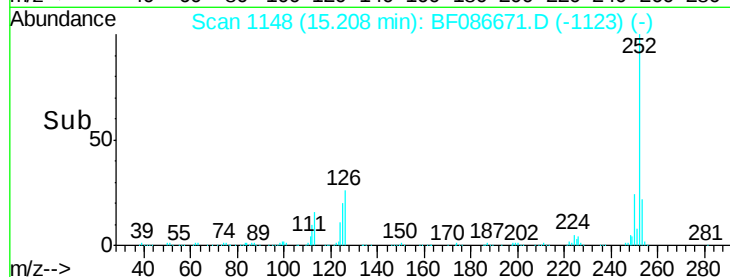
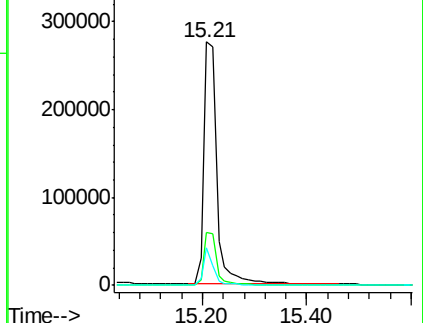
125 15.2 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 29.53 ng

RT: 16.60 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BF086671.D

Acq: 4 May 2016 12:17

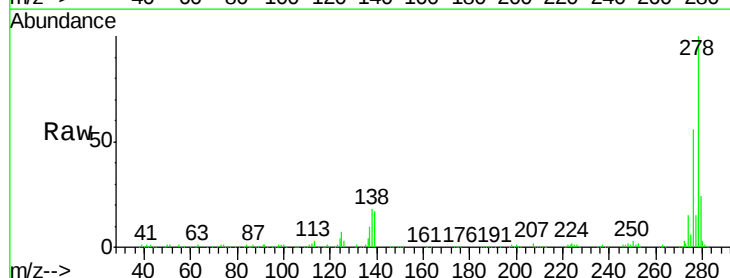
Tgt Ion:278 Resp: 463318

Ion Ratio Lower Upper

278 100

139 17.2 16.6 24.8

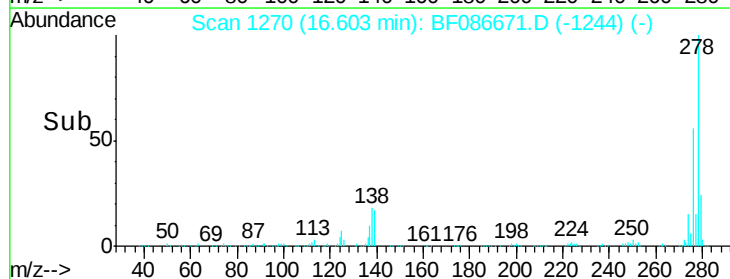
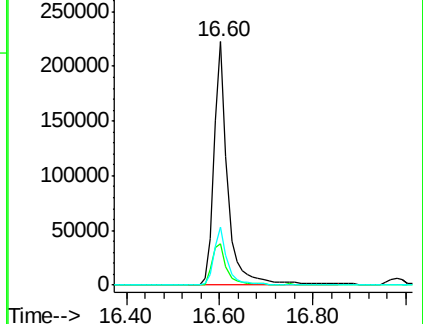
279 23.9 19.6 29.4

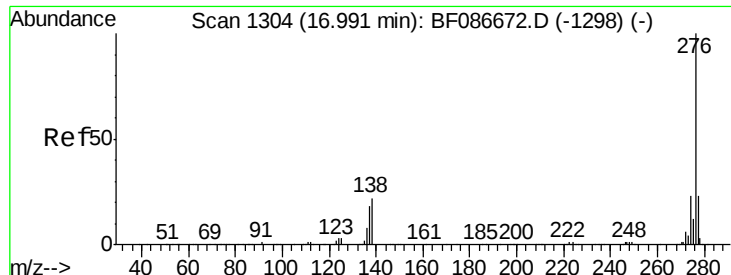


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 30.18 ng

RT: 16.98 min Scan# 1303

Delta R.T. -0.01 min

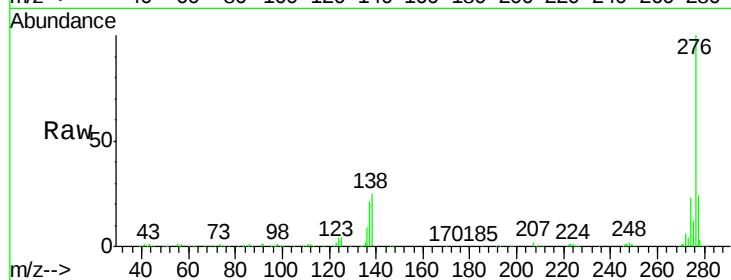
Lab File: BF086671.D

Acq: 4 May 2016 12:17

Instrument :

BNA_F

ClientSampleId :



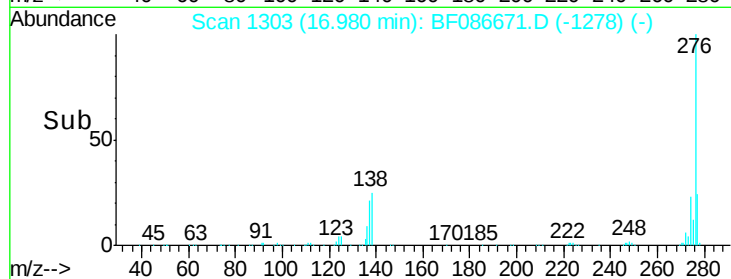
Tot Ion: 276 Resp: 474388

Ion Ratio Lower Upper

276 100

277 24.0 19.6 29.4

138 25.3 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

