

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050416\
 Data File : BF086676.D
 Acq On : 4 May 2016 14:55
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 04 15:33:56 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 15:12:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	183885	40.00	ng	0.00
21) Naphthalene-d8	8.03	136	763755	40.00	ng	0.00
38) Acenaphthene-d10	9.78	164	366138	40.00	ng	0.00
63) Phenanthrene-d10	11.25	188	628571	40.00	ng	0.00
75) Chrysene-d12	13.89	240	430606	40.00	ng	0.01
86) Perylene-d12	15.28	264	352003	40.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	919700	82.80	ng	0.00
7) Phenol-d6	6.38	99	1206268	80.62	ng	0.01
23) Nitrobenzene-d5	7.31	82	1134829	76.35	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	301630	84.21	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1599871	71.63	ng	0.00
78) Terphenyl-d14	12.84	244	1576633	74.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.26	88	224555	39.11	ng	# 76
3) Pyridine	2.93	79	562907	39.99	ng	# 73
4) n-Nitrosodimethylamine	2.89	42	344354	40.33	ng	# 56
6) Aniline	6.41	93	725163	39.27	ng	93
8) 2-Chlorophenol	6.52	128	508996	38.19	ng	91
9) Benzaldehyde	6.28	77	295996	39.65	ng	97
10) Phenol	6.40	94	688934	42.09	ng	# 58
11) bis(2-Chloroethyl)ether	6.48	93	504598	35.81	ng	84
12) 1,3-Dichlorobenzene	6.68	146	538064	38.02	ng	99
13) 1,4-Dichlorobenzene	6.68	146	538064	36.77	ng	99
14) 1,2-Dichlorobenzene	6.91	146	529235	41.53	ng	99
15) Benzyl Alcohol	6.89	79	383958	39.67	ng	89
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1046462	36.33	ng	88
17) 2-Methylphenol	7.00	107	412994	38.48	ng	# 93
18) Hexachloroethane	7.25	117	213643	38.67	ng	# 87
19) n-Nitroso-di-n-propylamine	7.16	70	358406	35.06	ng	# 68
20) 3+4-Methylphenols	7.16	107	474472	37.76	ng	92
22) Acetophenone	7.16	105	682512	38.35	ng	# 87
24) Nitrobenzene	7.33	77	599526	39.02	ng	# 85
25) Isophorone	7.57	82	1039909	37.57	ng	97
26) 2-Nitrophenol	7.64	139	263193	38.39	ng	# 73
27) 2,4-Dimethylphenol	7.69	122	442756	36.78	ng	90
28) bis(2-Chloroethoxy)methane	7.79	93	564322	37.04	ng	99
29) 2,4-Dichlorophenol	7.89	162	400165	38.66	ng	94
30) 1,2,4-Trichlorobenzene	7.97	180	448933	38.88	ng	99
31) Naphthalene	8.05	128	1437844	36.85	ng	100
32) Benzoic acid	7.81	122	192829	42.27	ng	# 81
33) 4-Chloroaniline	8.10	127	569409	37.67	ng	# 91
34) Hexachlorobutadiene	8.17	225	241320	36.81	ng	98
35) Caprolactam	8.49	113	137469	42.91	ng	97
36) 4-Chloro-3-methylphenol	8.59	107	449380	38.05	ng	93
37) 2-Methylnaphthalene	8.74	142	890764	38.69	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	398677	37.62	ng	99
40) Hexachlorocyclopentadiene	8.89	237	170872	38.44	ng	96

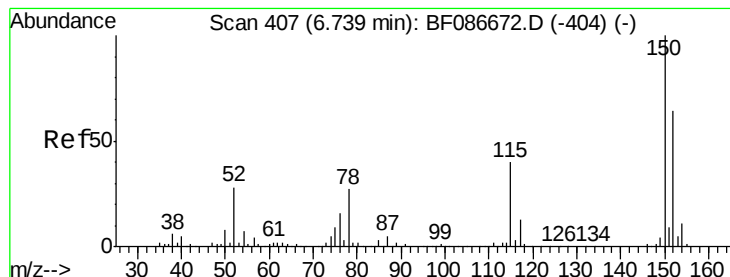
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050416\
 Data File : BF086676.D
 Acq On : 4 May 2016 14:55
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 QLast Update : Wed May 04 15:12:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	261677	38.83	nq	91
43) 2,4,5-Trichlorophenol	9.06	196	282606	40.14	nq	# 87
45) 1,1'-Biphenyl	9.21	154	1172364	39.16	nq	99
46) 2-Chloronaphthalene	9.23	162	906545	39.25	nq	98
47) 2-Nitroaniline	9.32	65	302280	36.81	nq	# 75
48) Acenaphthylene	9.64	152	1387111	40.45	nq	99
49) Dimethylphthalate	9.52	163	1058905	38.79	nq	99
50) 2,6-Dinitrotoluene	9.57	165	235093	40.14	nq	97
51) Acenaphthene	9.81	154	852007	37.67	nq	99
52) 3-Nitroaniline	9.74	138	253150	38.02	nq	90
53) 2,4-Dinitrophenol	9.85	184	71282	43.65	nq	93
54) Dibenzofuran	9.98	168	1090932	38.91	nq	99
55) 4-Nitrophenol	9.90	139	160461	41.33	nq	# 64
56) 2,4-Dinitrotoluene	9.97	165	296579	40.86	nq	# 93
57) Fluorene	10.33	166	936029	41.19	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.10	232	196445	37.99	nq	98
59) Diethylphthalate	10.21	149	976598	37.80	nq	95
60) 4-Chlorophenyl-phenylether	10.32	204	384948	35.63	nq	99
61) 4-Nitroaniline	10.35	138	244282	38.18	nq	# 72
62) Azobenzene	10.48	77	1039878	36.32	nq	86
64) 4,6-Dinitro-2-methylphenol	10.38	198	137398	44.48	nq	92
65) n-Nitrosodiphenylamine	10.44	169	797312	39.95	nq	100
66) 4-Bromophenyl-phenylether	10.81	248	244936	39.21	nq	97
67) Hexachlorobenzene	10.88	284	297066	39.00	nq	96
68) Atrazine	10.97	200	221354	36.19	nq	95
69) Pentachlorophenol	11.07	266	139665	40.85	nq	98
70) Phenanthrene	11.29	178	1304141	38.63	nq	100
71) Anthracene	11.33	178	1365236	38.61	nq	99
72) Carbazole	11.49	167	1276268	41.57	nq	100
73) Di-n-butylphthalate	11.83	149	1318211	36.17	nq	# 98
74) Fluoranthene	12.47	202	1343874	39.72	nq	97
76) Benzydine	12.59	184	508893	43.86	nq	99
77) Pyrene	12.69	202	1381616	40.25	nq	100
79) Butylbenzylphthalate	13.32	149	601937	41.86	nq	92
80) Benzo(a)anthracene	13.88	228	919645	37.76	nq	99
81) 3,3'-Dichlorobenzidine	13.85	252	592234	38.70	nq	# 98
82) Chrysene	13.92	228	1071366	41.24	nq	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	689375	41.43	nq	98
84) Di-n-octyl phthalate	14.49	149	1028129	41.99	nq	# 86
85) Indeno(1,2,3-cd)pyrene	16.59	276	892778	40.05	nq	96
87) Benzo(b)fluoranthene	14.91	252	1592877	75.31	nq	98
88) Benzo(k)fluoranthene	14.91	252	1595099	80.04	nq	99
89) Benzo(a)pyrene	15.22	252	746525	38.32	nq	99
90) Dibenzo(a,h)anthracene	16.61	278	737678	39.42	nq	# 94
91) Benzo(g,h,i)perylene	16.99	276	768713	39.12	nq	94

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

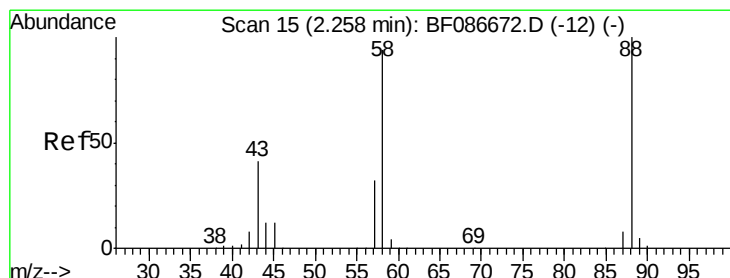
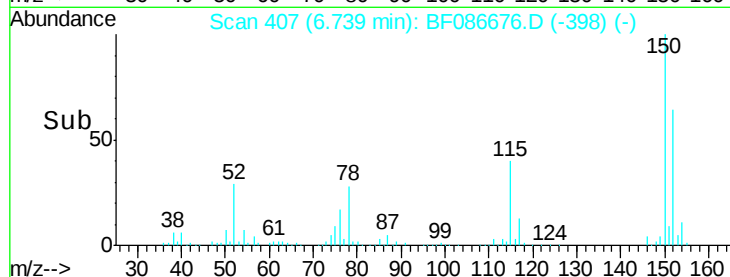
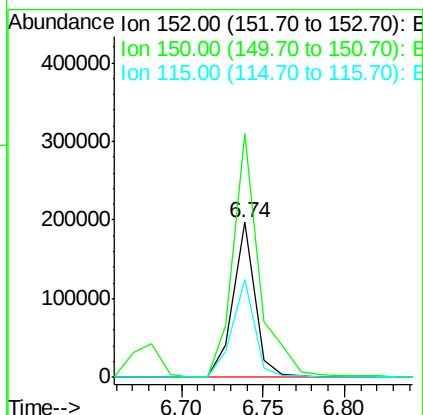
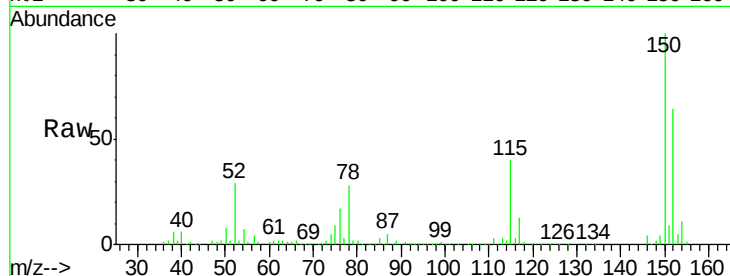


#1

1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 6.74 min Scan# 407
Delta R.T. 0.00 min
Lab File: BF086676.D
Acq: 4 May 2016 14:55

Instrument :
BNA_F
ClientSampleId :

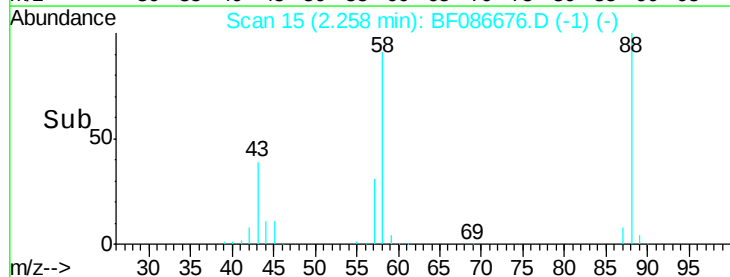
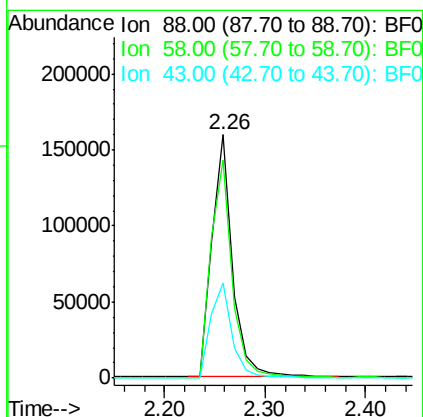
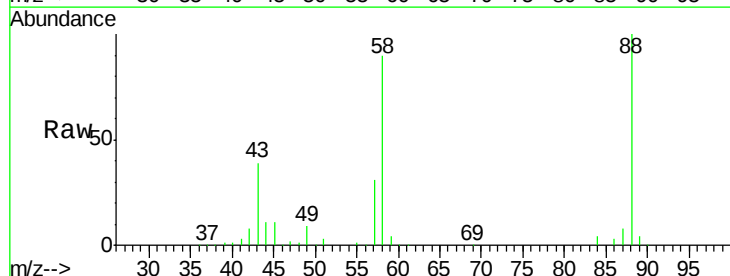
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	125.8	188.6
115	63.1	51.5	77.3

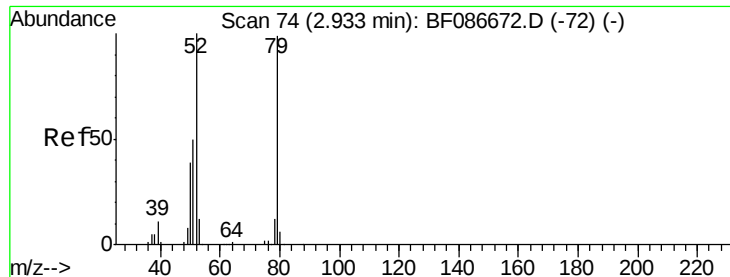


#2

1,4-Dioxane
Concen: 39.11 ng
RT: 2.26 min Scan# 15
Delta R.T. 0.00 min
Lab File: BF086676.D
Acq: 4 May 2016 14:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.2	59.6	89.4#
43	41.1	21.8	32.6#





#3

Pvridine

Concen: 39.99 ng

RT: 2.93 min Scan# 74

Delta R.T. 0.00 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

Instrument :

BNA_F

ClientSampleId :

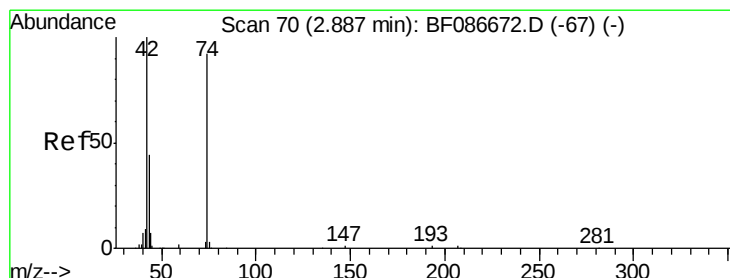
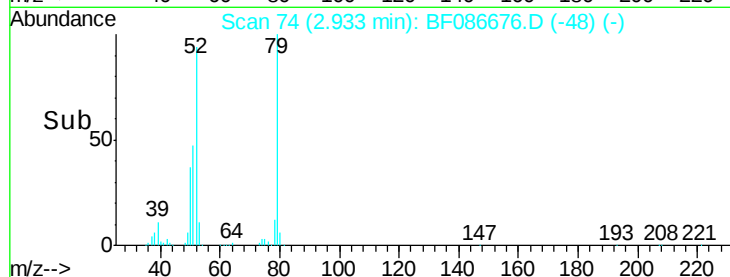
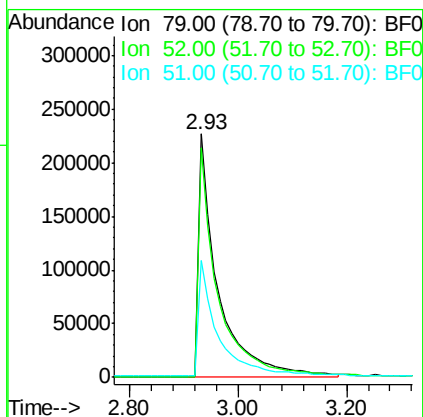
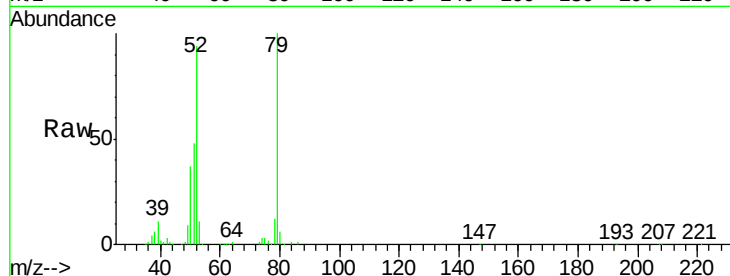
Tot Ion: 79 Resp: 562907

Ion Ratio Lower Upper

79 100

52 94.3 55.9 83.9#

51 47.8 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 40.33 ng

RT: 2.89 min Scan# 70

Delta R.T. 0.00 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

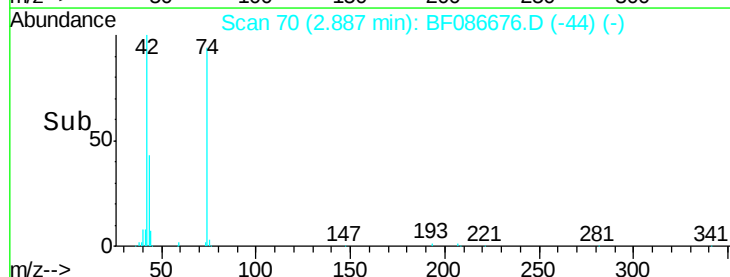
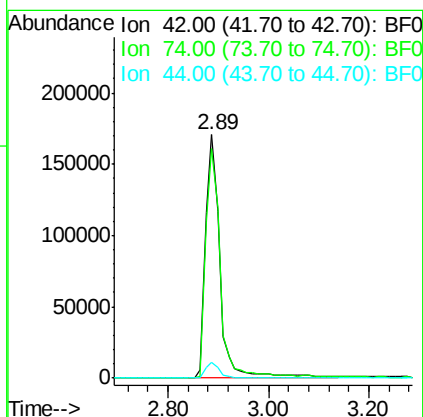
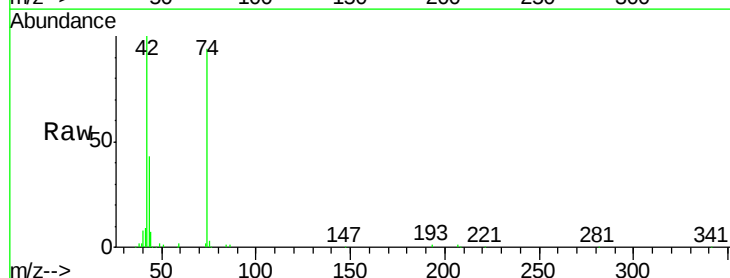
Tgt Ion: 42 Resp: 344354

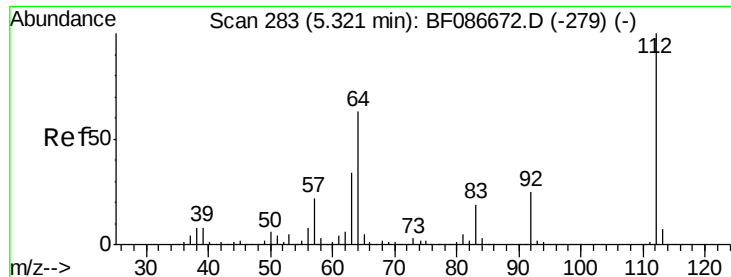
Ion Ratio Lower Upper

42 100

74 94.3 123.4 185.0#

44 6.7 5.8 8.6





#5

2-Fluorophenol

Concen: 82.80 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.00 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

Instrument :
BNA_F
ClientSampled :

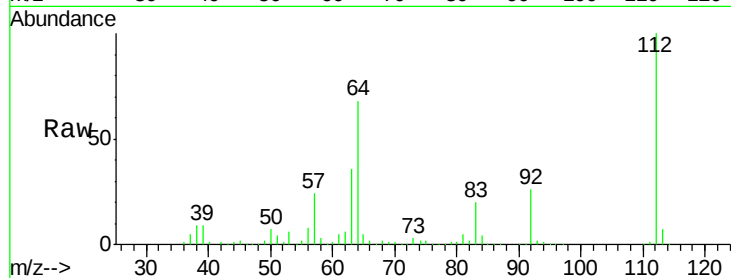
Tot Ion:112 Resp: 919700

Ion Ratio Lower Upper

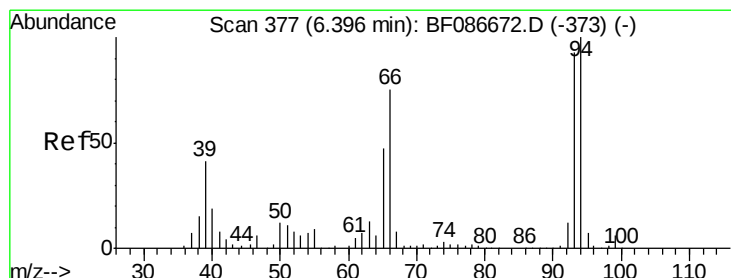
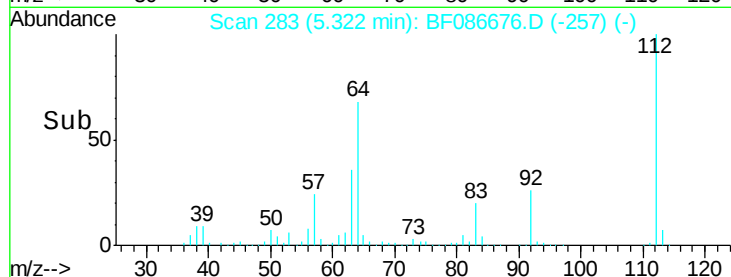
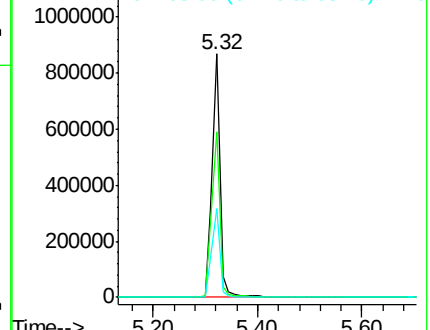
112 100

64 67.8 52.1 78.1

63 36.4 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): BF0
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.27 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.01 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

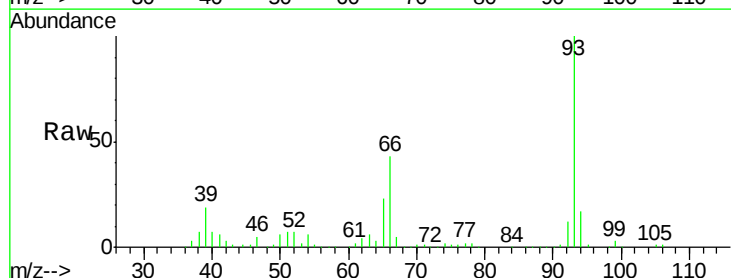
Tgt Ion: 93 Resp: 725163

Ion Ratio Lower Upper

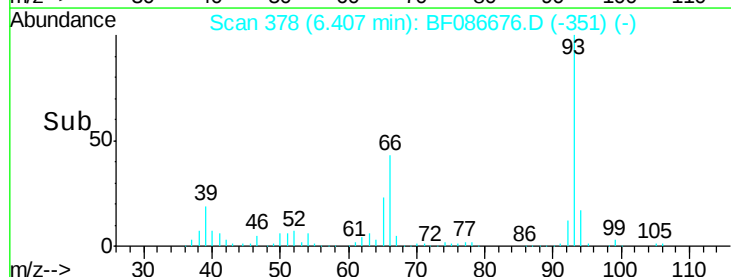
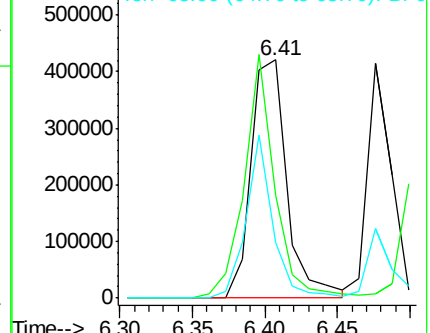
93 100

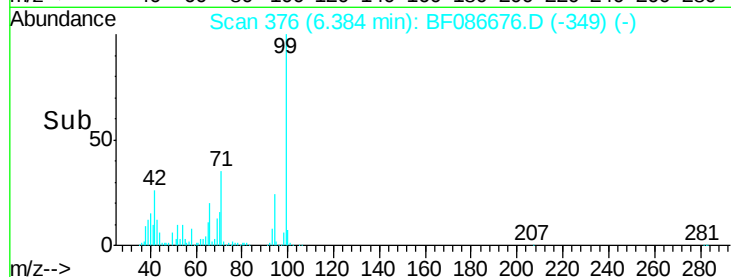
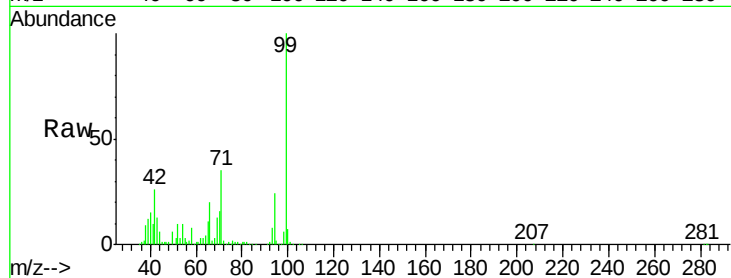
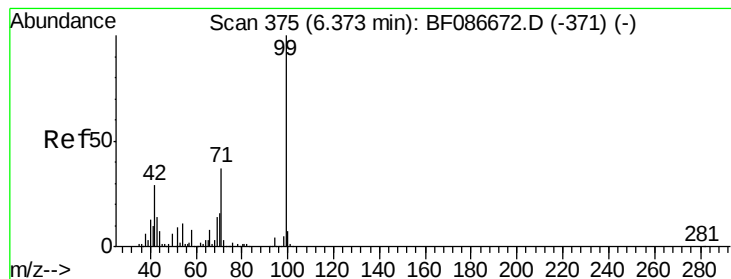
66 43.3 39.0 58.6

65 23.3 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: 80.62 ng

RT: 6.38 min Scan# 376

Delta R.T. 0.01 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

Instrument :

BNA_F

ClientSampleId :

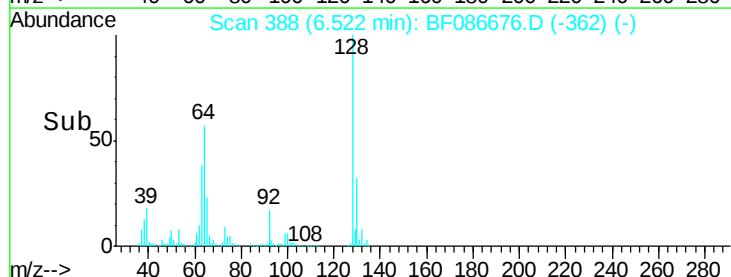
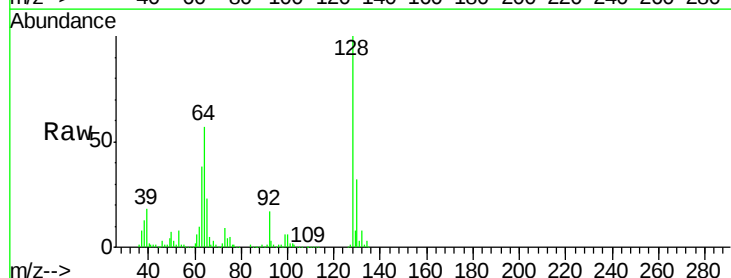
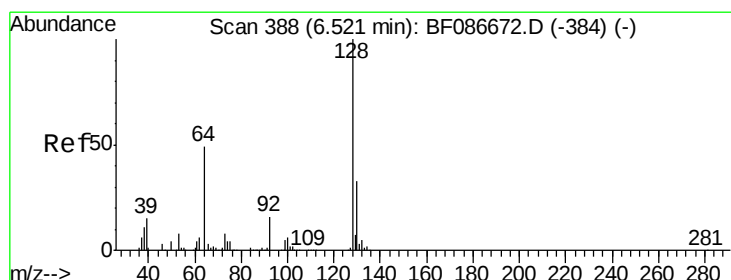
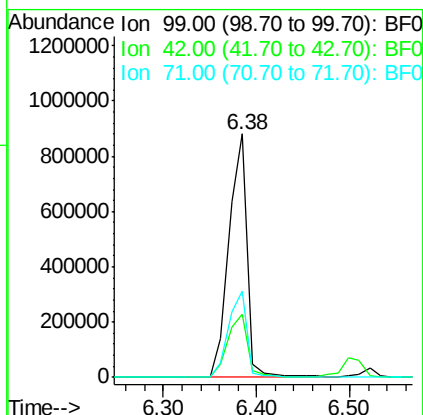
Tot Ion: 99 Resp: 1206268

Ion Ratio Lower Upper

99 100

42 26.0 13.6 20.4#

71 35.3 24.6 36.8



#8

2-Chlorophenol

Concen: 38.19 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

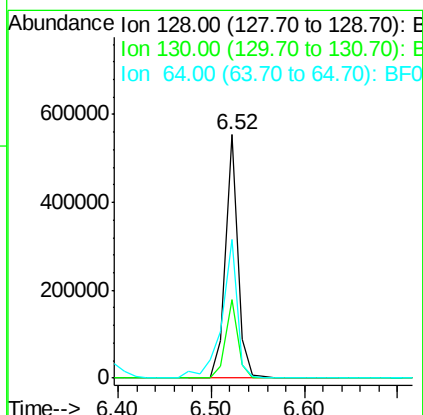
Tgt Ion: 128 Resp: 508996

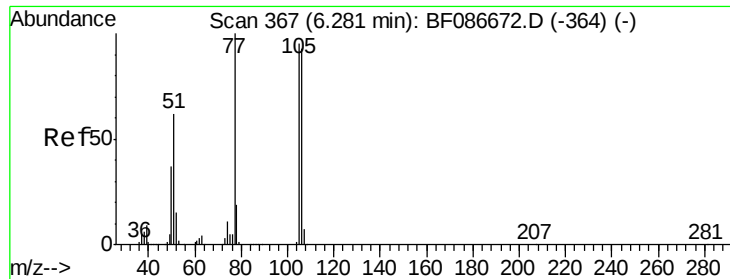
Ion Ratio Lower Upper

128 100

130 32.5 12.5 52.5

64 56.9 27.3 67.3





#9

Benzaldehyde

Concen: 39.65 ng

RT: 6.28 min Scan# 367

Delta R.T. 0.00 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

Instrument :

BNA_F

ClientSampleId :

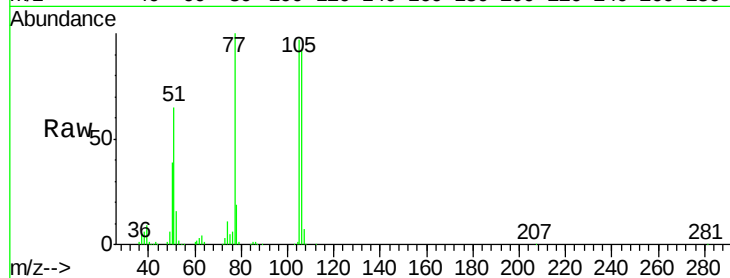
Tot Ion: 77 Resp: 295996

Ion Ratio Lower Upper

77 100

105 96.9 72.7 112.7

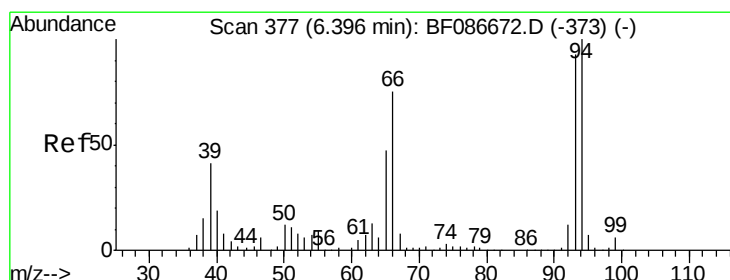
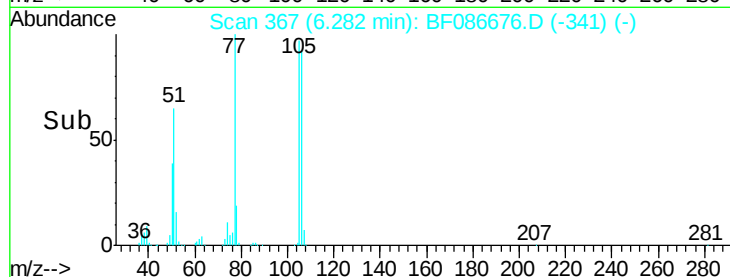
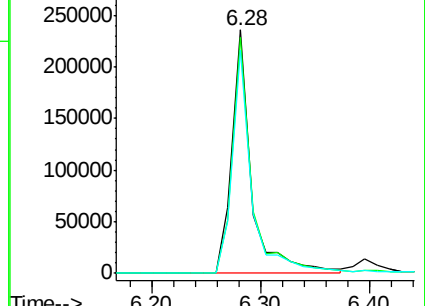
106 91.8 70.8 110.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 42.09 ng

RT: 6.40 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

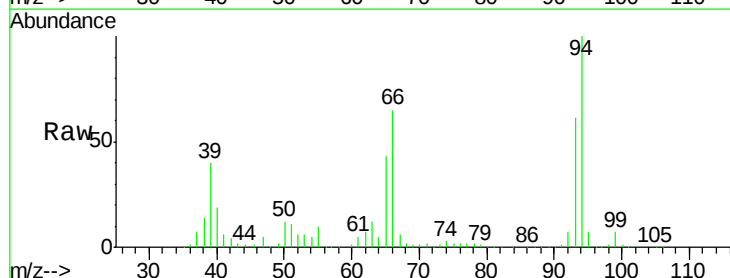
Tgt Ion: 94 Resp: 688934

Ion Ratio Lower Upper

94 100

65 43.3 7.2 47.2

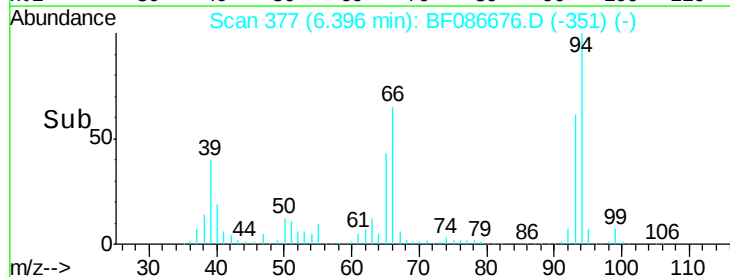
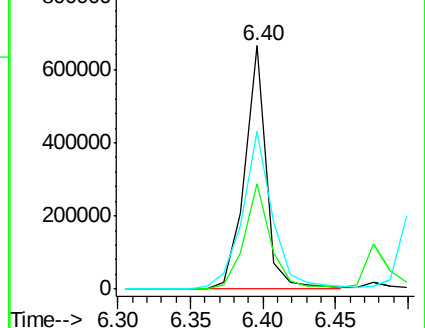
66 64.6 14.9 54.9#

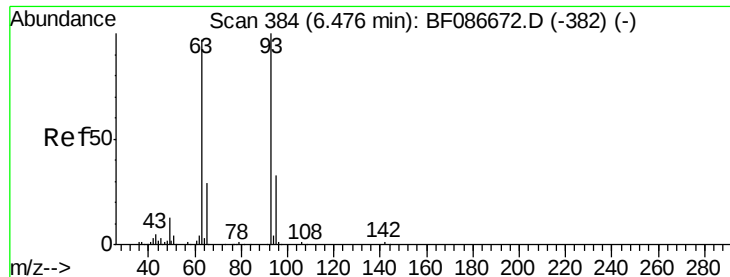


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

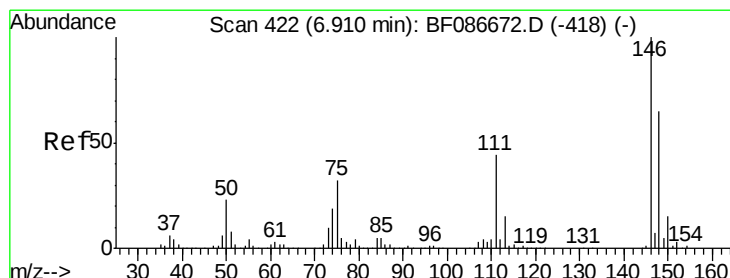
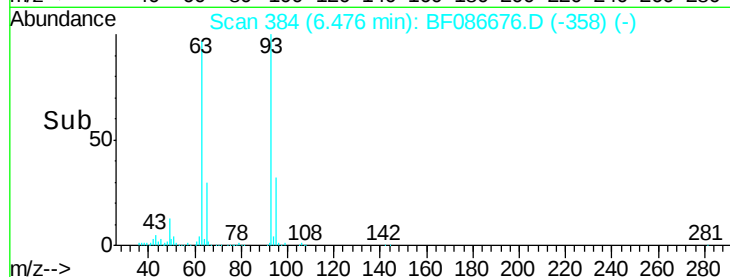
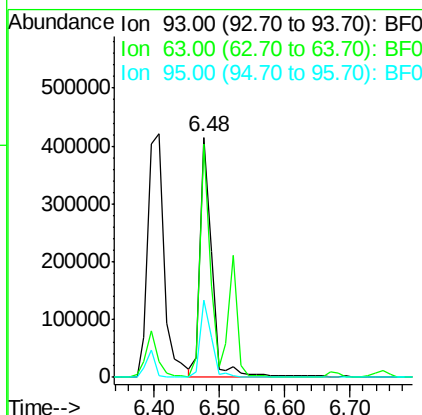
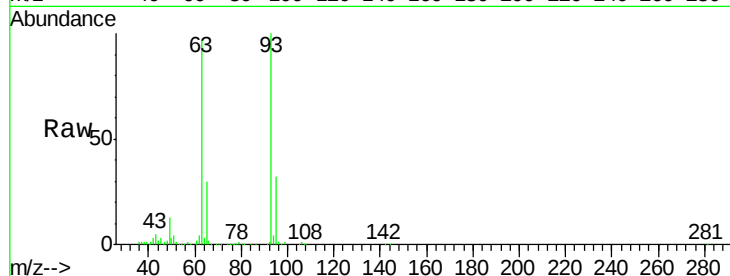




#11
bis(2-Chloroethyl)ether
Concen: 35.81 ng
RT: 6.48 min Scan# 384
Delta R.T. 0.00 min
Lab File: BF086676.D
Acq: 4 May 2016 14:55

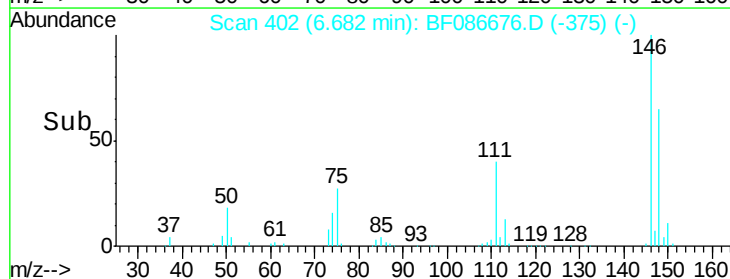
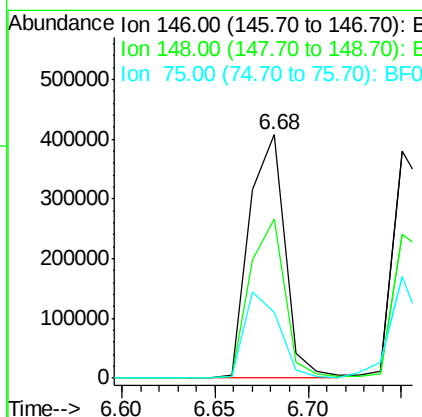
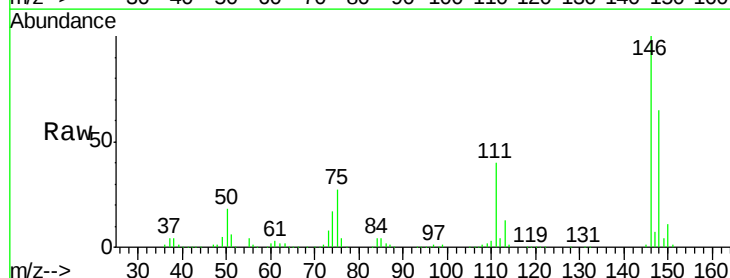
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 504598
Ion Ratio Lower Upper
93 100
63 97.3 58.0 98.0
95 32.0 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 38.02 ng
RT: 6.68 min Scan# 402
Delta R.T. 0.01 min
Lab File: BF086676.D
Acq: 4 May 2016 14:55

Tgt Ion: 146 Resp: 538064
Ion Ratio Lower Upper
146 100
148 65.1 52.4 78.6
75 27.0 22.8 34.2

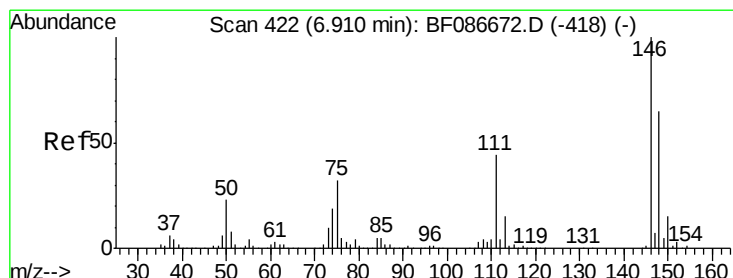
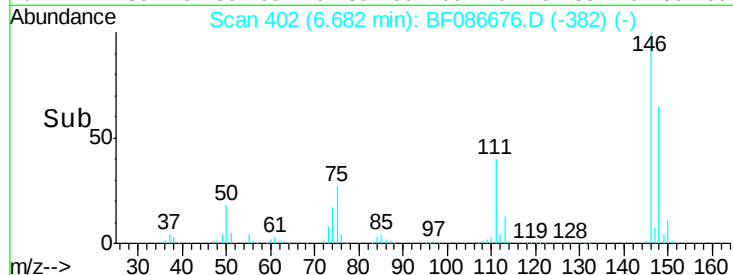
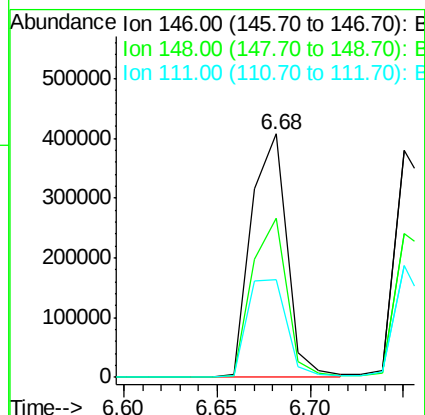
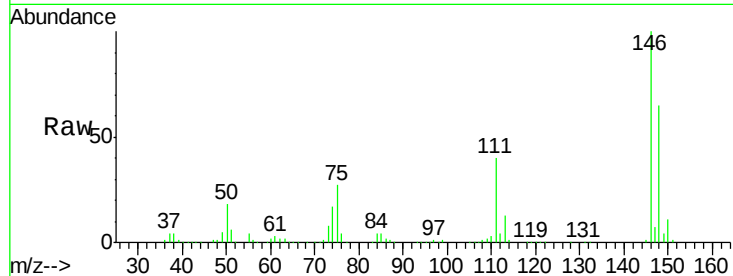




#13
 1,4-Dichlorobenzene
 Concen: 36.77 ng
 RT: 6.68 min Scan# 402
 Delta R.T. -0.07 min
 Lab File: BF086676.D
 Acq: 4 May 2016 14:55

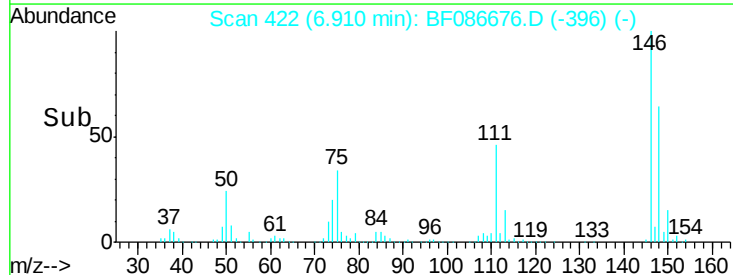
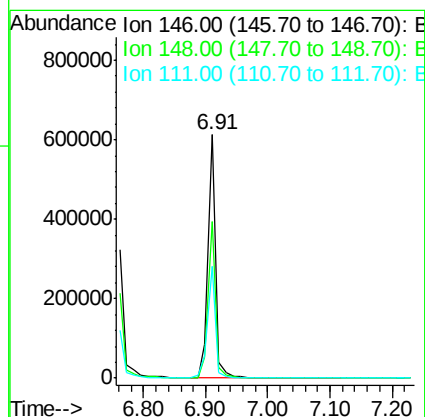
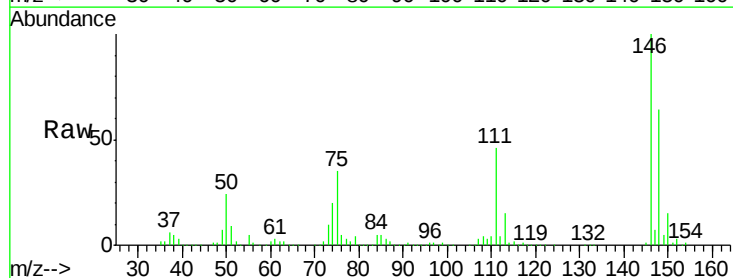
Instrument :
 BNA_F
 ClientSampleId :

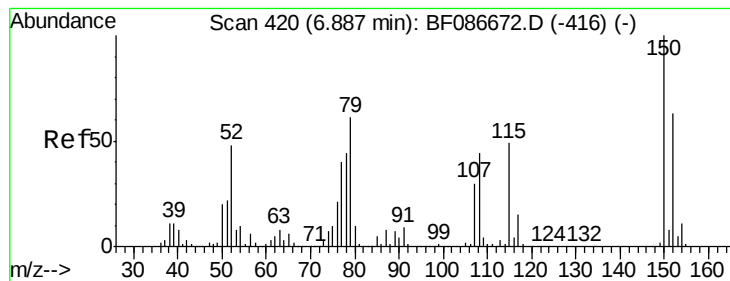
Tot Ion:146 Resp: 538064
 Ion Ratio Lower Upper
 146 100
 148 65.1 52.2 78.4
 111 40.2 30.7 46.1



#14
 1,2-Dichlorobenzene
 Concen: 41.53 ng
 RT: 6.91 min Scan# 422
 Delta R.T. 0.00 min
 Lab File: BF086676.D
 Acq: 4 May 2016 14:55

Tgt Ion:146 Resp: 529235
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.0 76.6
 111 45.9 36.2 54.4





#15

Benzyl Alcohol

Concen: 39.67 ng

RT: 6.89 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

Instrument :

BNA_F

ClientSampleId :

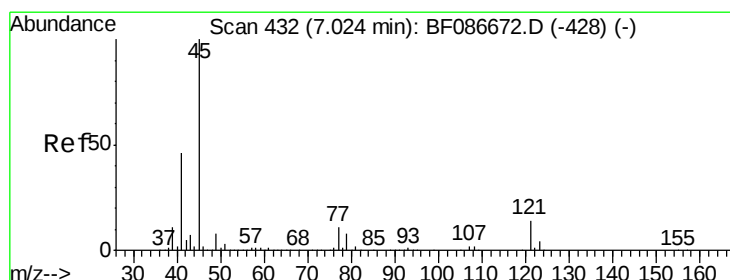
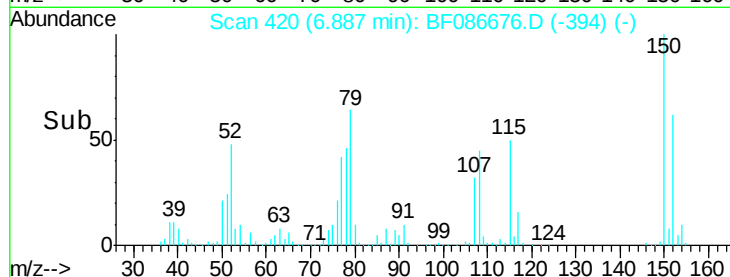
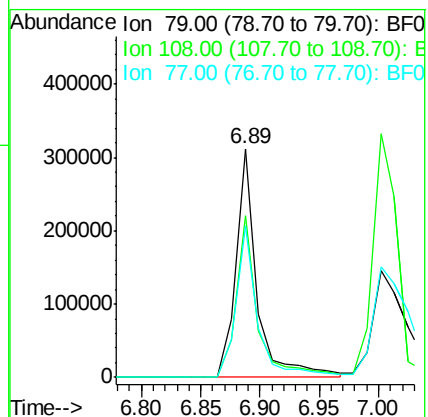
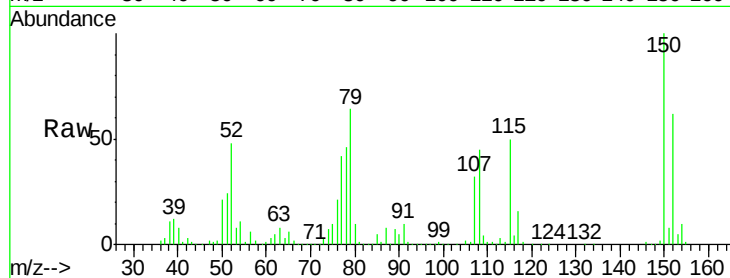
Tot Ion: 79 Resp: 383958

Ion Ratio Lower Upper

79 100

108 70.6 68.4 102.6

77 66.1 50.6 76.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.33 ng

RT: 7.02 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

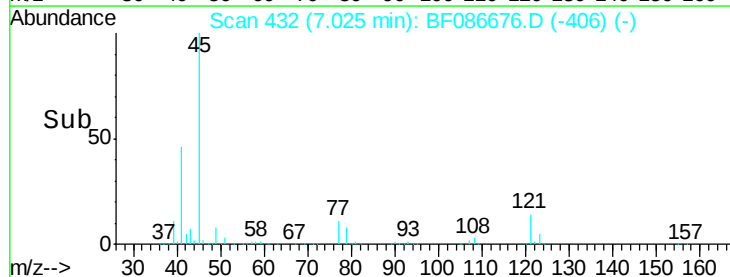
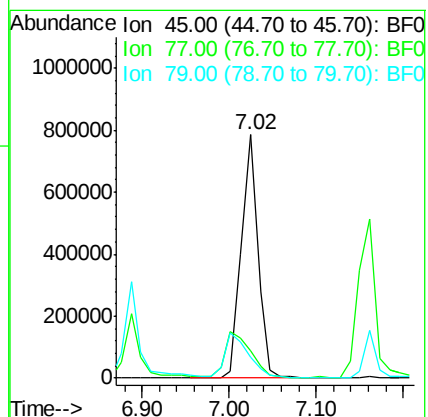
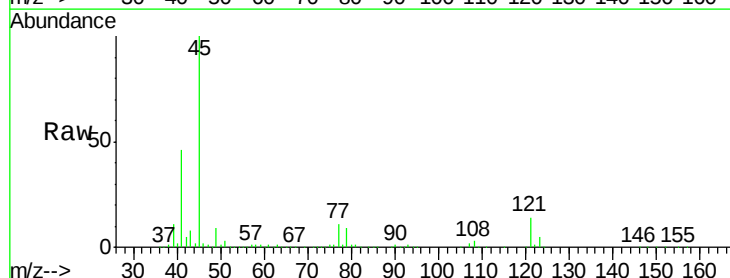
Tgt Ion: 45 Resp: 1046462

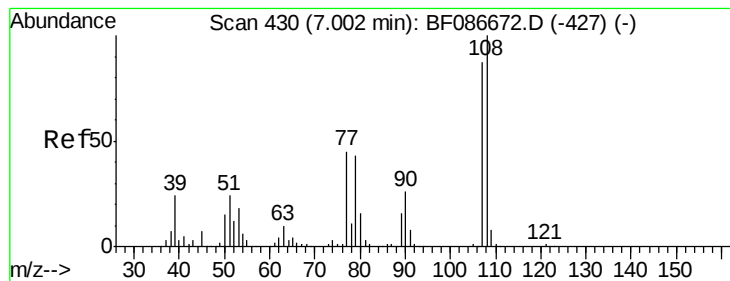
Ion Ratio Lower Upper

45 100

77 11.3 0.0 36.4

79 8.8 0.0 33.4





#17

2-Methylphenol

Concen: 38.48 ng

RT: 7.00 min Scan# 430

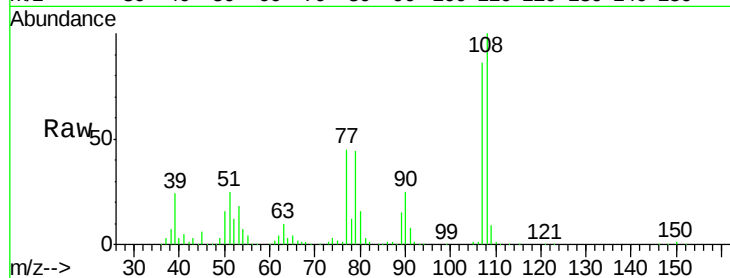
Delta R.T. 0.00 min

Lab File: BF086676.D

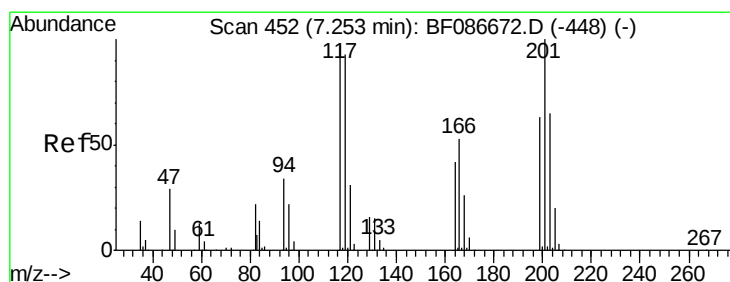
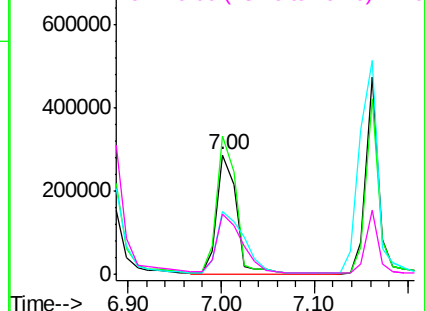
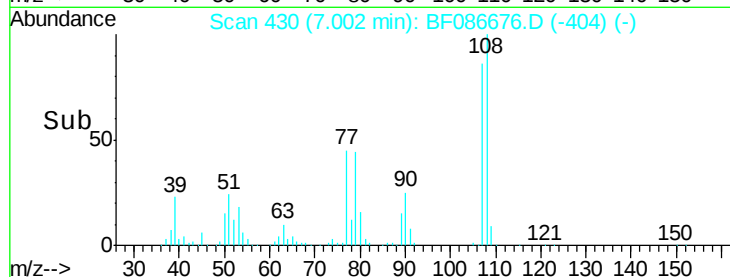
Acq: 4 May 2016 14:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:	107	Resp:	412994
Ion	Ratio	Lower	Upper
107	100		
108	115.8	93.7	140.5
77	52.4	33.4	50.0#
79	51.0	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: 38.67 ng

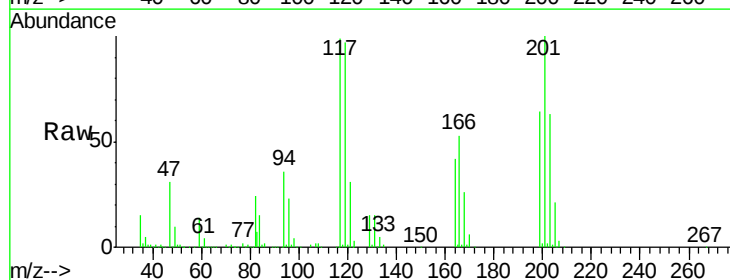
RT: 7.25 min Scan# 452

Delta R.T. 0.00 min

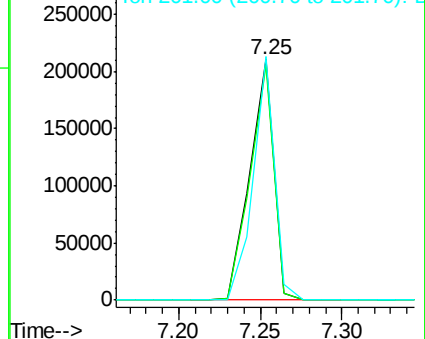
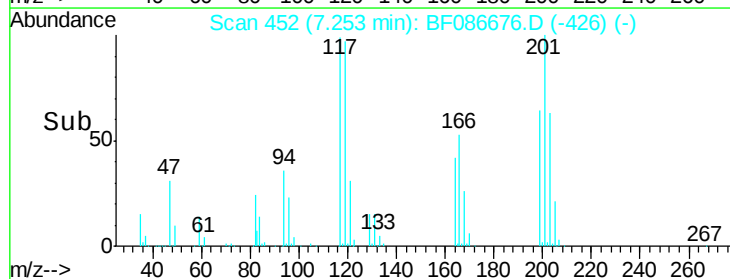
Lab File: BF086676.D

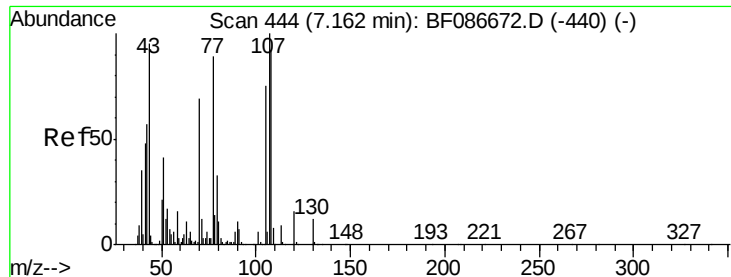
Acq: 4 May 2016 14:55

Tgt Ion:	117	Resp:	213643
Ion	Ratio	Lower	Upper
117	100		
119	97.6	76.5	114.7
201	101.1	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

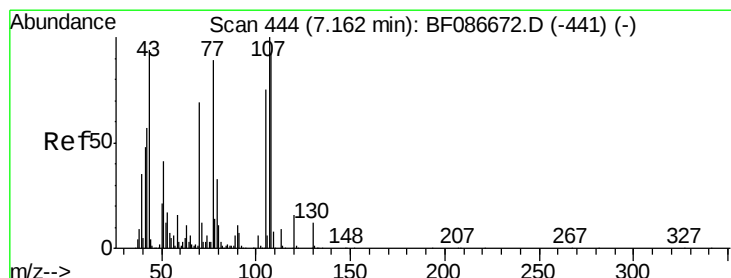
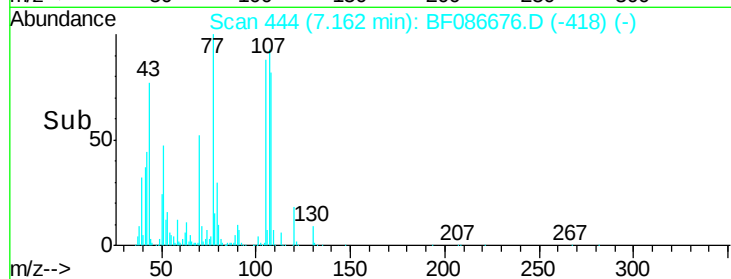
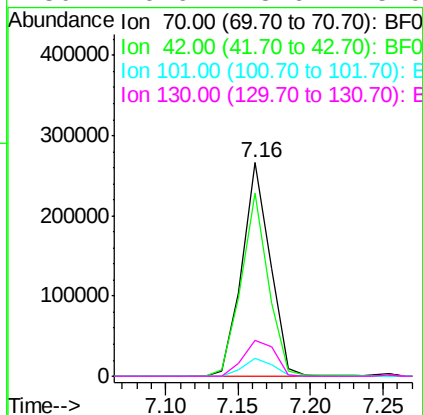
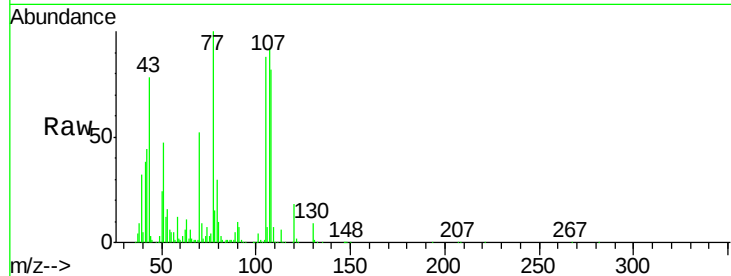




#19
n-Nitroso-di-n-propylamine
Concen: 35.06 ng
RT: 7.16 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF086676.D
Acq: 4 May 2016 14:55

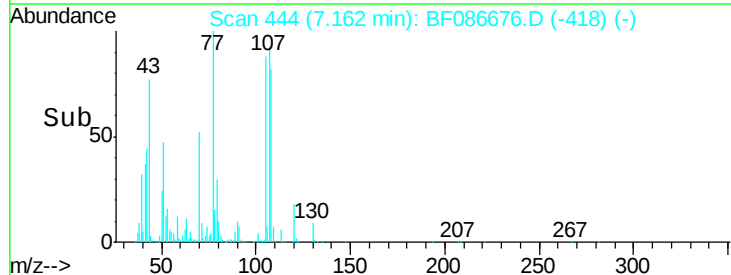
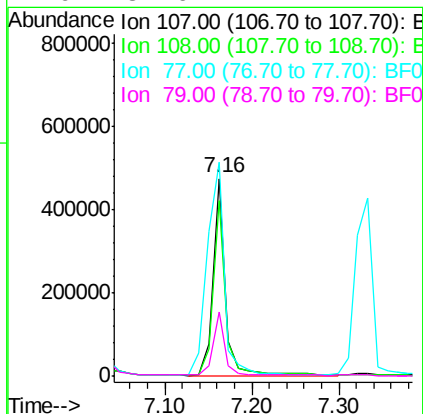
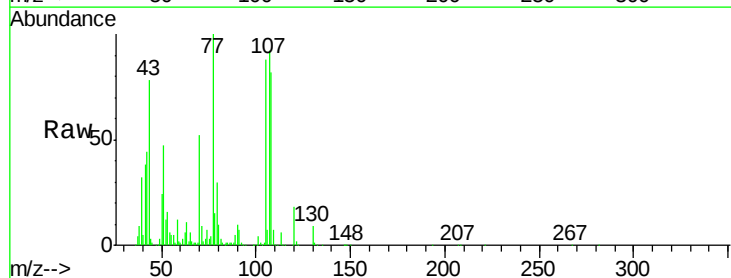
Instrument :
BNA_F
ClientSampleId :

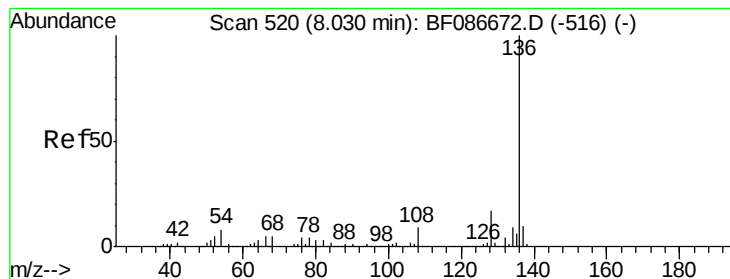
Tot Ion: 70 Resp: 358406
Ion Ratio Lower Upper
70 100
42 85.8 43.1 64.7#
101 8.5 8.1 12.1
130 16.6 18.6 28.0#



#20
3+4-Methylphenols
Concen: 37.76 ng
RT: 7.16 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF086676.D
Acq: 4 May 2016 14:55

Tgt Ion:107 Resp: 474472
Ion Ratio Lower Upper
107 100
108 89.1 68.5 108.5
77 108.2 101.6 141.6
79 32.6 7.4 47.4





#21

Naphthalene-d8

Concen: 40.00 ng

RT: 8.03 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 763755

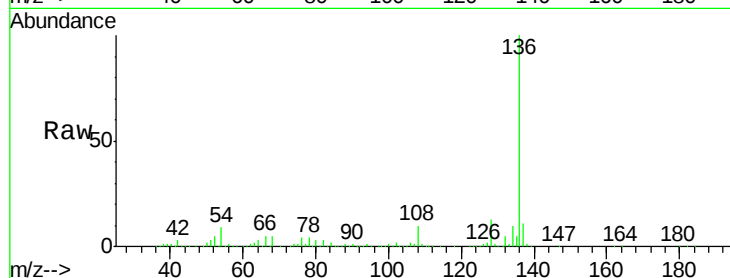
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 9.1 5.0 7.4#

68 5.3 4.4 6.6

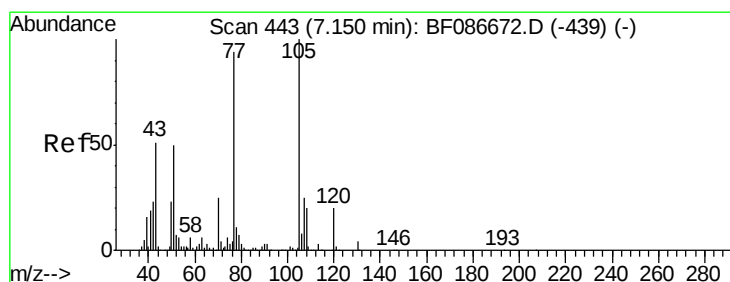
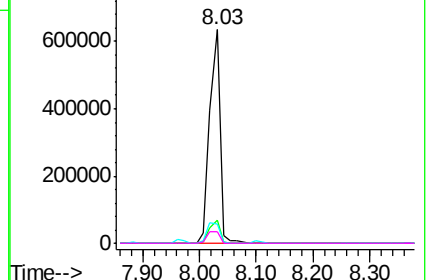
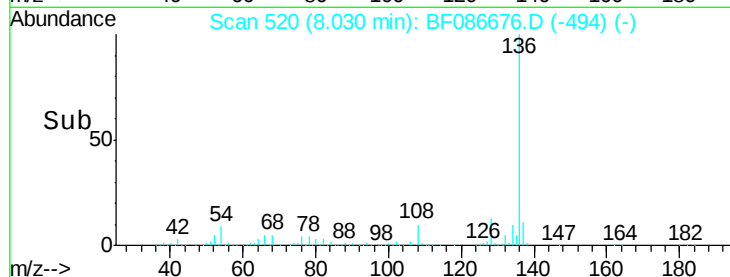


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.35 ng

RT: 7.16 min Scan# 444

Delta R.T. 0.01 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

Tgt Ion:105 Resp: 682512

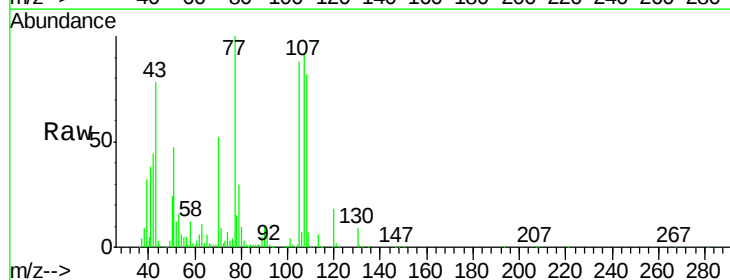
Ion Ratio Lower Upper

105 100

71 9.9 4.8 7.2#

51 53.1 32.6 49.0#

120 20.9 16.5 24.7

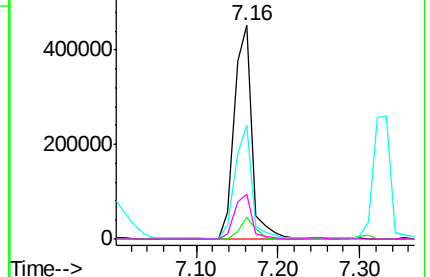
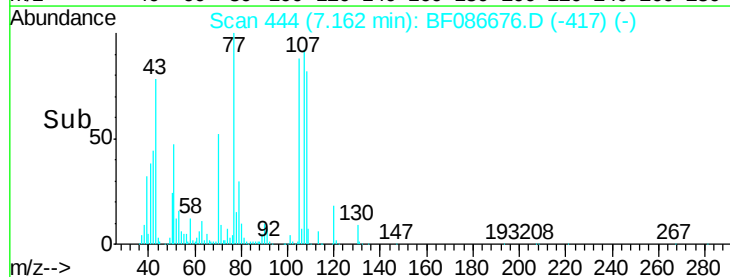


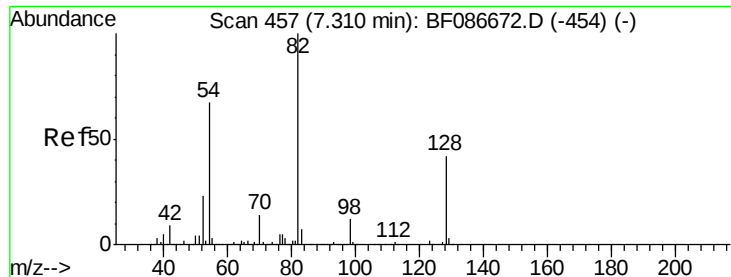
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

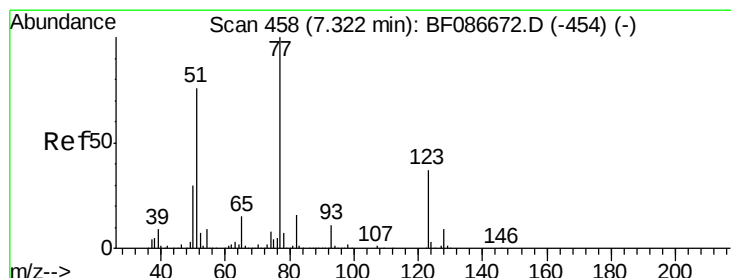
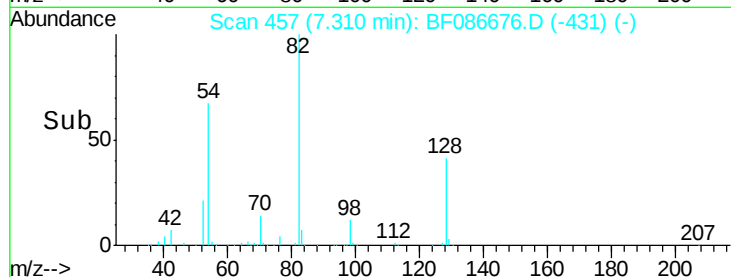
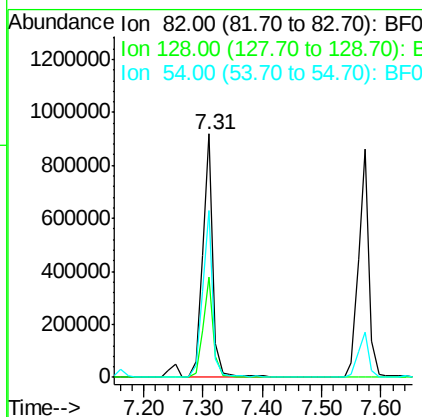
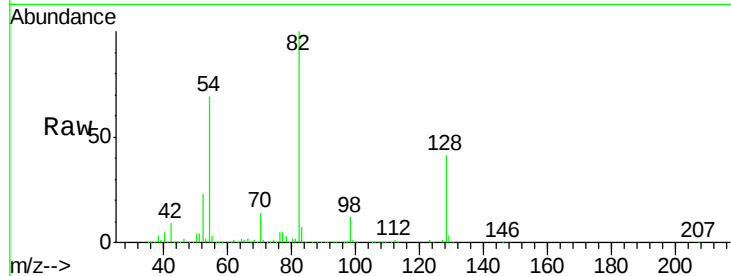




#23
 Nitrobenzene-d5
 Concen: 76.35 ng
 RT: 7.31 min Scan# 457
 Delta R.T. 0.00 min
 Lab File: BF086676.D
 Acq: 4 May 2016 14:55

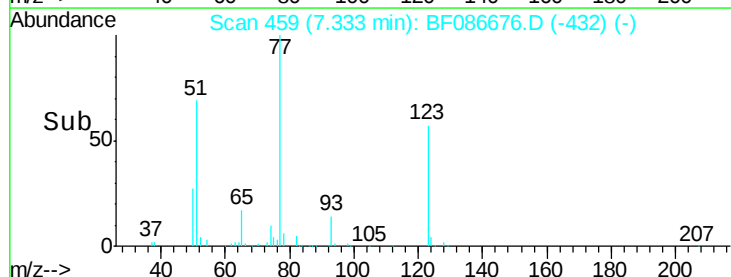
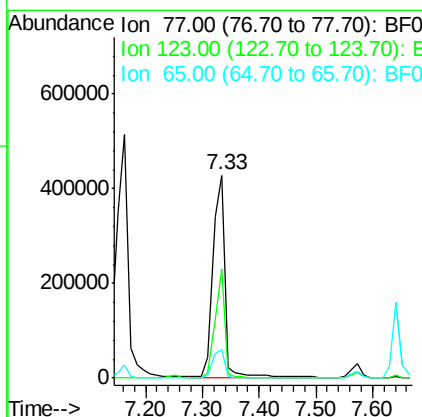
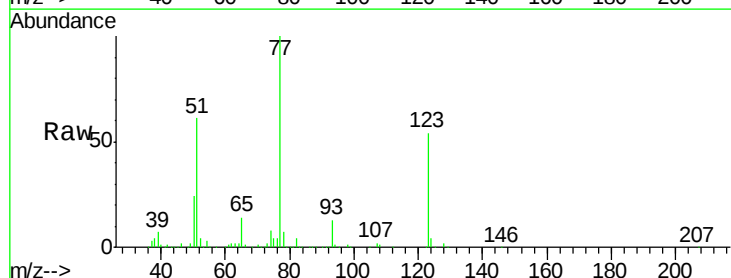
Instrument :
 BNA_F
 ClientSampleId :

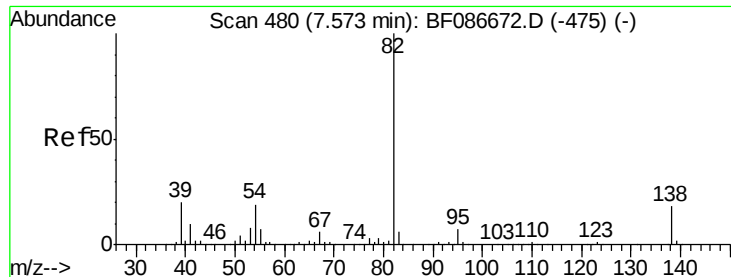
Tot Ion: 82 Resp: 1134829
 Ion Ratio Lower Upper
 82 100
 128 41.0 40.6 61.0
 54 68.5 38.1 57.1#



#24
 Nitrobenzene
 Concen: 39.02 ng
 RT: 7.33 min Scan# 459
 Delta R.T. 0.01 min
 Lab File: BF086676.D
 Acq: 4 May 2016 14:55

Tgt Ion: 77 Resp: 599526
 Ion Ratio Lower Upper
 77 100
 123 53.7 33.0 49.4#
 65 13.9 10.8 16.2





#25

Isophorone

Concen: 37.57 ng

RT: 7.57 min Scan# 480

Delta R.T. 0.00 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

Instrument :

BNA_F

ClientSampled :

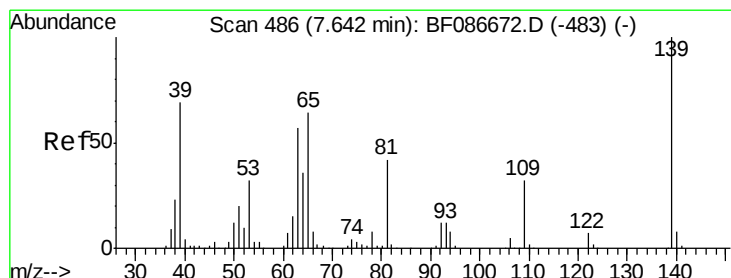
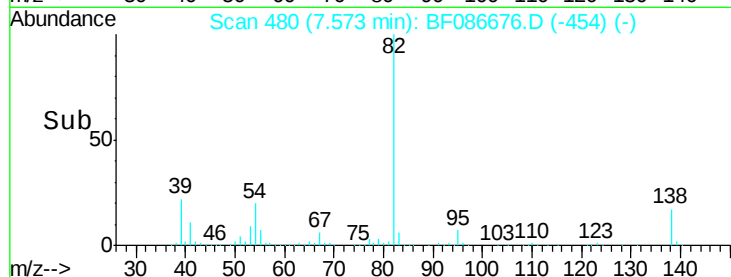
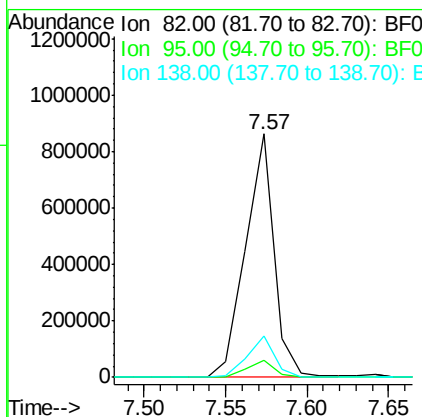
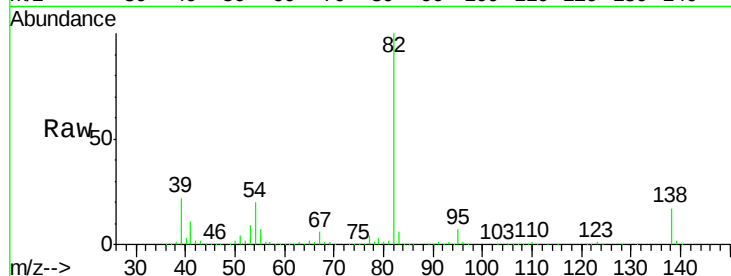
Tot Ion: 82 Resp: 1039909

Ion Ratio Lower Upper

82 100

95 7.2 5.1 7.7

138 17.0 12.4 18.6



#26

2-Nitrophenol

Concen: 38.39 ng

RT: 7.64 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

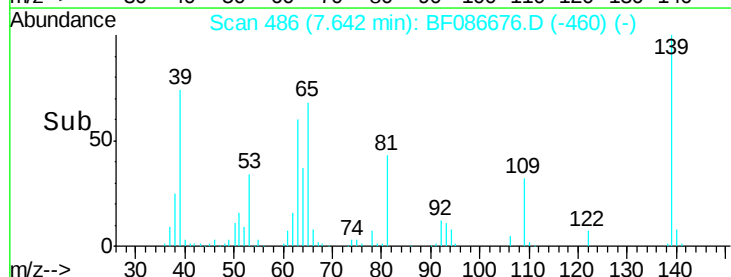
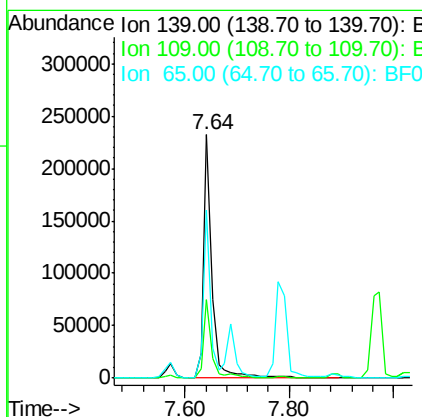
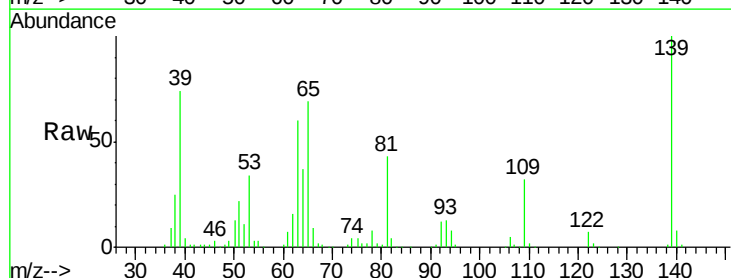
Tgt Ion: 139 Resp: 263193

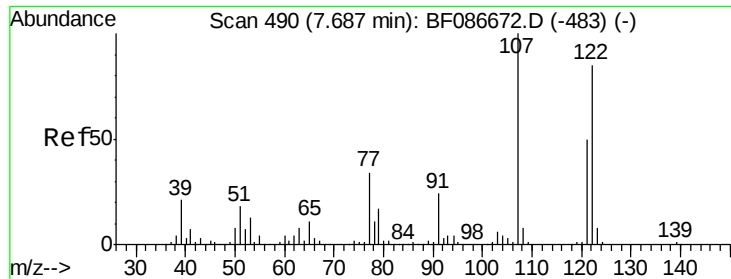
Ion Ratio Lower Upper

139 100

109 32.3 19.5 29.3#

65 68.9 37.5 56.3#





#27

2,4-Dimethylphenol

Concen: 36.78 ng

RT: 7.69 min Scan# 490

Delta R.T. 0.00 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

Instrument :

BNA_F

ClientSampleId :

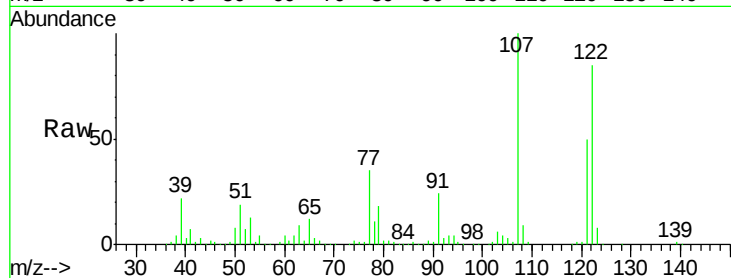
Tot Ion:122 Resp: 442756

Ion Ratio Lower Upper

122 100

107 117.0 82.0 123.0

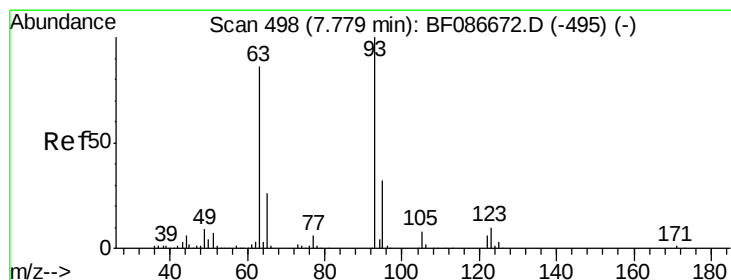
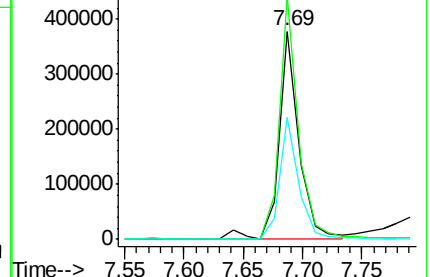
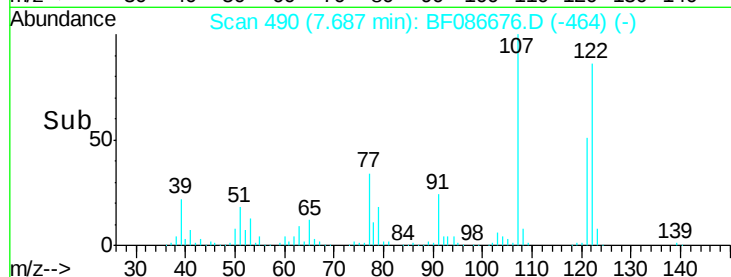
121 59.0 46.1 69.1



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: 37.04 ng

RT: 7.79 min Scan# 499

Delta R.T. 0.01 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

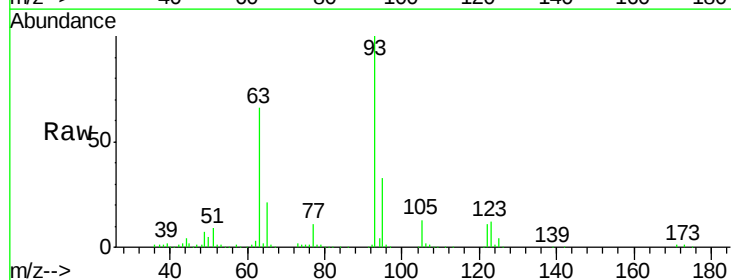
Tgt Ion: 93 Resp: 564322

Ion Ratio Lower Upper

93 100

95 32.7 26.0 39.0

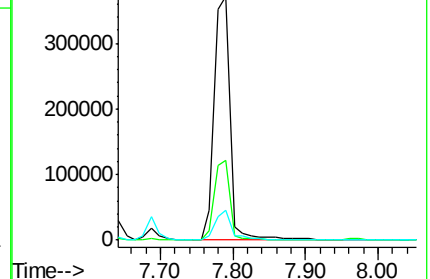
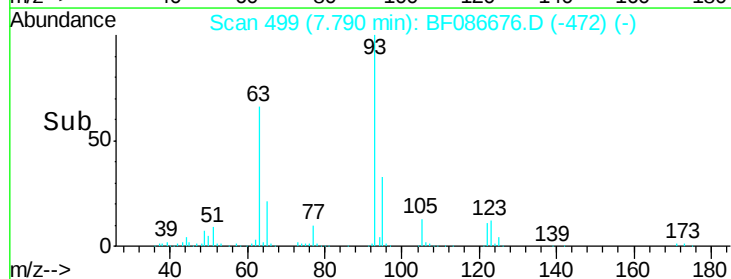
123 12.5 9.5 14.3

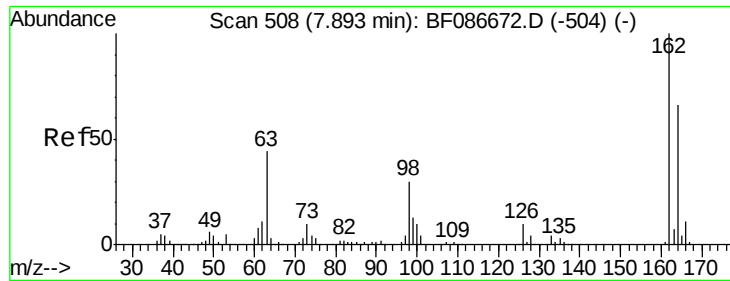


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

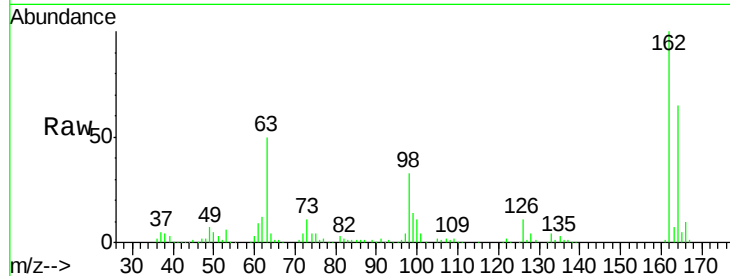




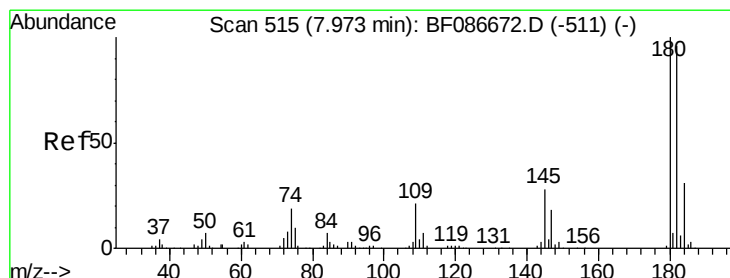
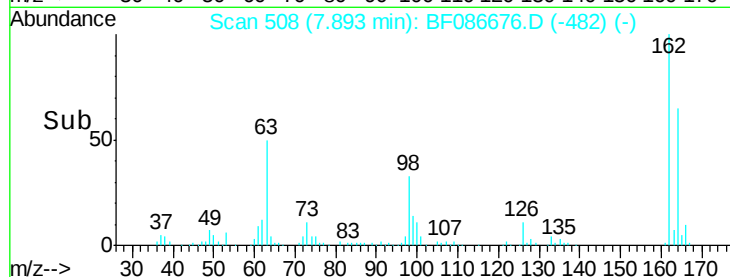
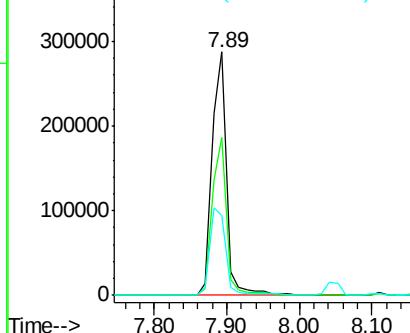
#29
 2,4-Dichlorophenol
 Concen: 38.66 ng
 RT: 7.89 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF086676.D
 Acq: 4 May 2016 14:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	42.2	82.2
98	32.5	19.0	59.0

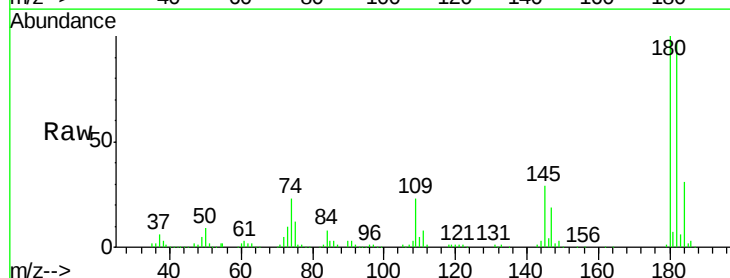


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

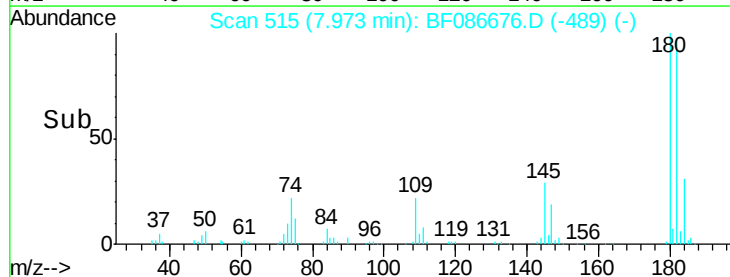
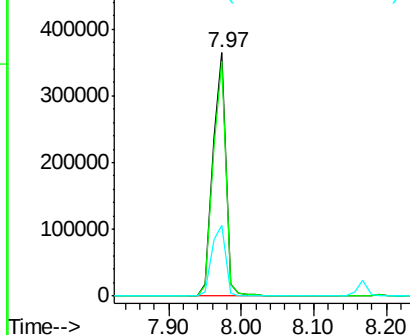


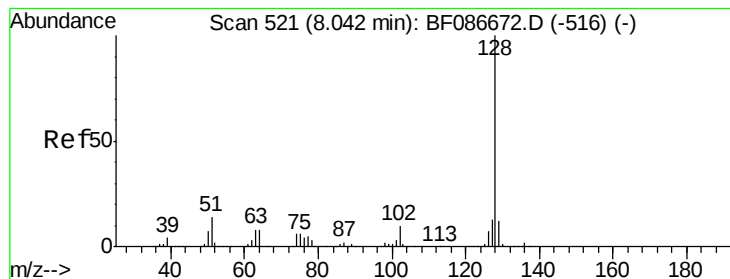
#30
 1,2,4-Trichlorobenzene
 Concen: 38.88 ng
 RT: 7.97 min Scan# 515
 Delta R.T. 0.00 min
 Lab File: BF086676.D
 Acq: 4 May 2016 14:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	78.0	117.0
145	29.2	24.2	36.2



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.85 ng

RT: 8.05 min Scan# 522

Delta R.T. 0.01 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

Instrument :

BNA_F

ClientSampleId :

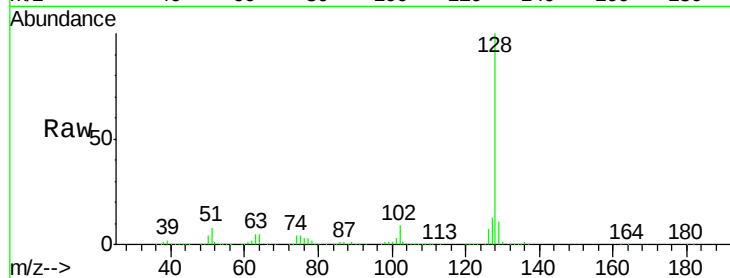
Tot Ion:128 Resp: 1437844

Ion Ratio Lower Upper

128 100

129 10.8 8.6 13.0

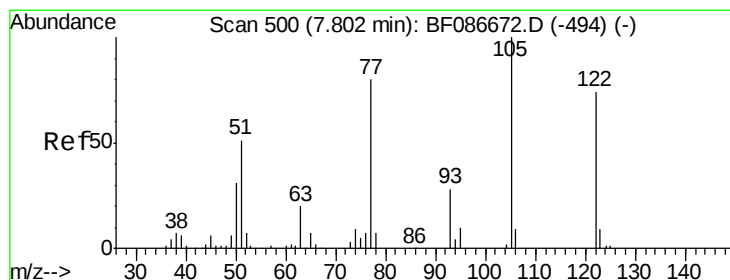
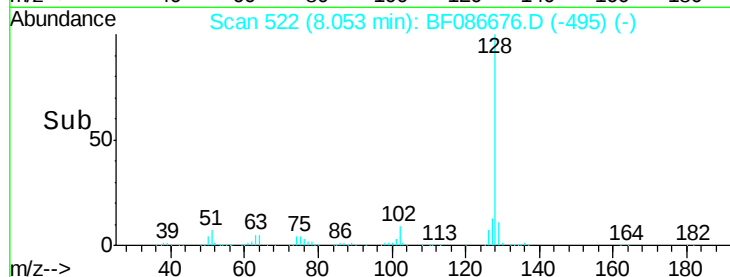
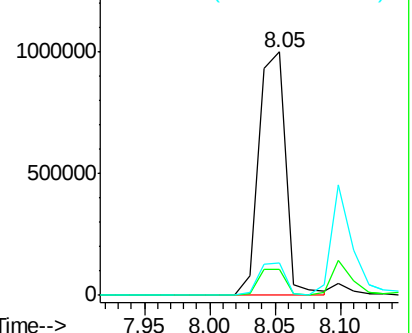
127 13.3 10.8 16.2



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: 42.27 ng

RT: 7.81 min Scan# 501

Delta R.T. 0.01 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

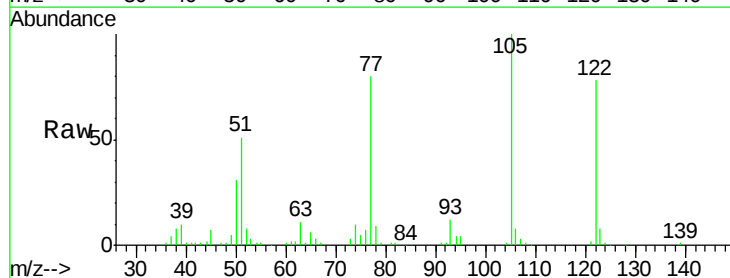
Tgt Ion:122 Resp: 192829

Ion Ratio Lower Upper

122 100

105 127.5 92.6 132.6

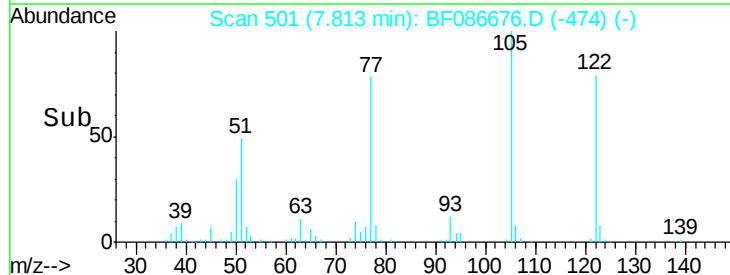
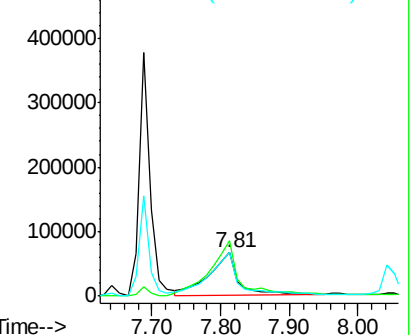
77 102.1 60.0 100.0#

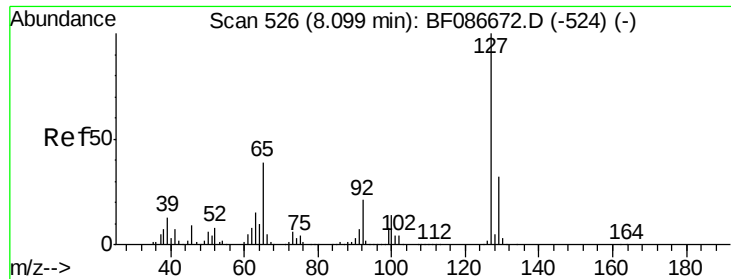


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

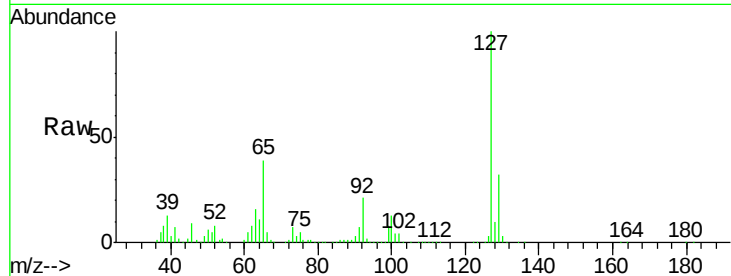




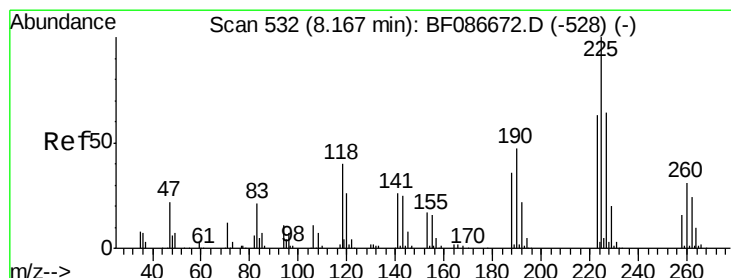
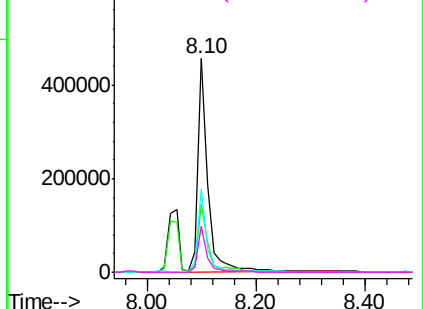
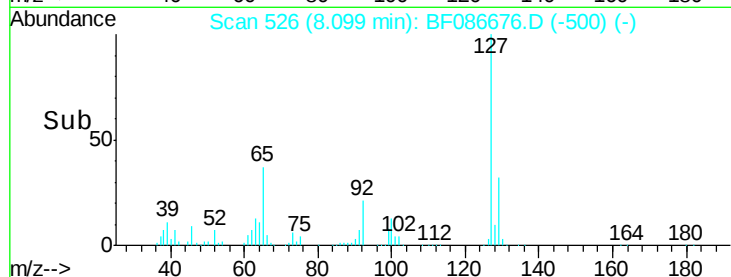
#33
4-Chloroaniline
Concen: 37.67 ng
RT: 8.10 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF086676.D
Acq: 4 May 2016 14:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	569409
Ion Ratio	Lower	Upper
127	100	
129	31.9	26.2 39.4
65	39.0	23.0 34.4#
92	21.5	15.1 22.7

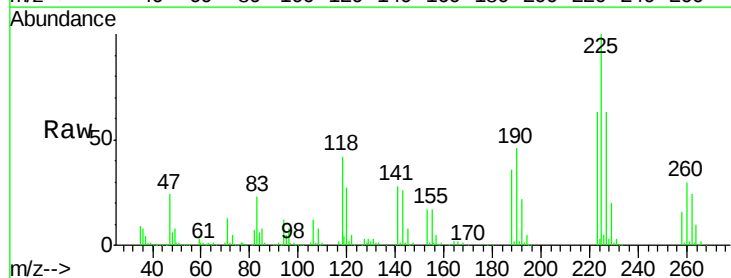


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

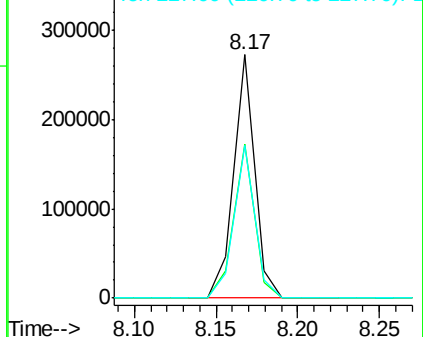
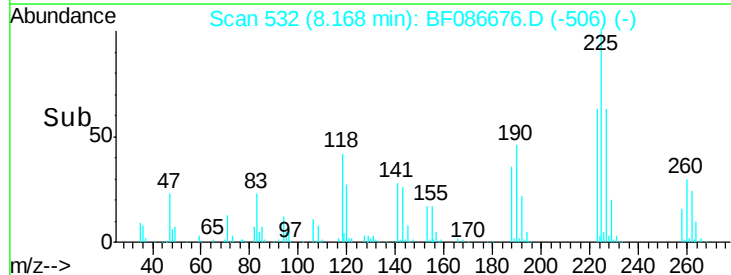


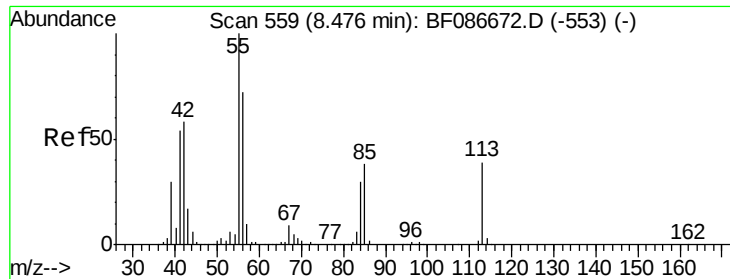
#34
Hexachlorobutadiene
Concen: 36.81 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF086676.D
Acq: 4 May 2016 14:55

Tgt Ion:225	Resp:	241320
Ion Ratio	Lower	Upper
225	100	
223	63.0	51.5 77.3
227	62.9	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

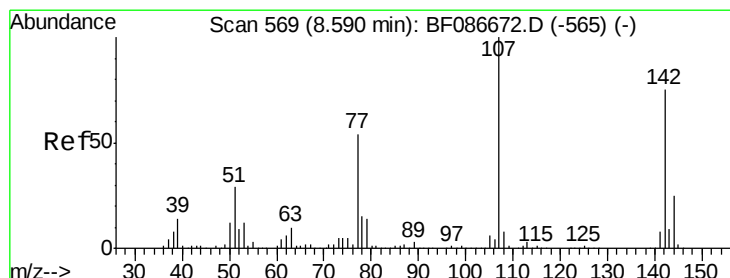
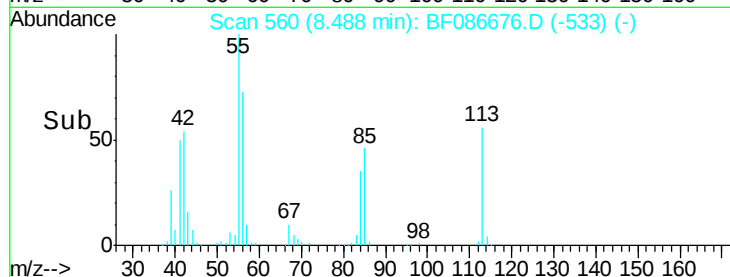
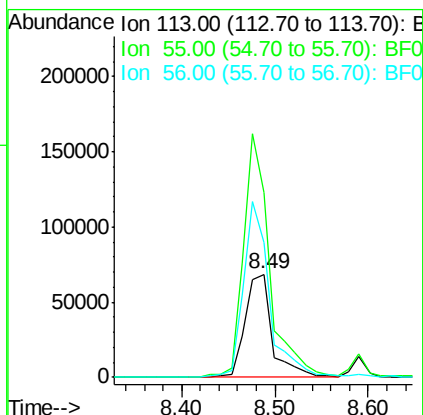
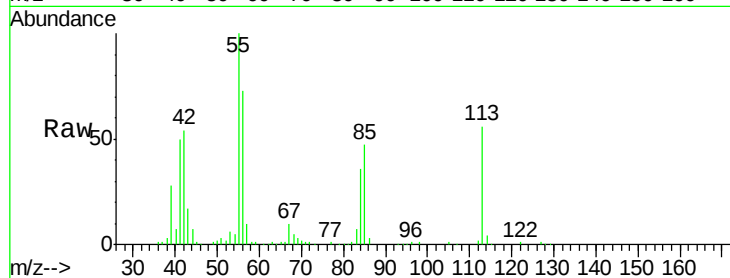




#35
 Caprolactam
 Concen: 42.91 ng
 RT: 8.49 min Scan# 560
 Delta R.T. 0.01 min
 Lab File: BF086676.D
 Acq: 4 May 2016 14:55

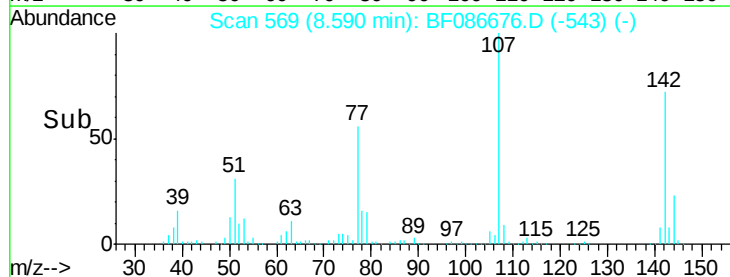
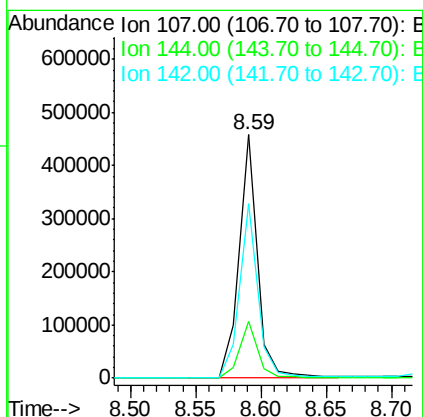
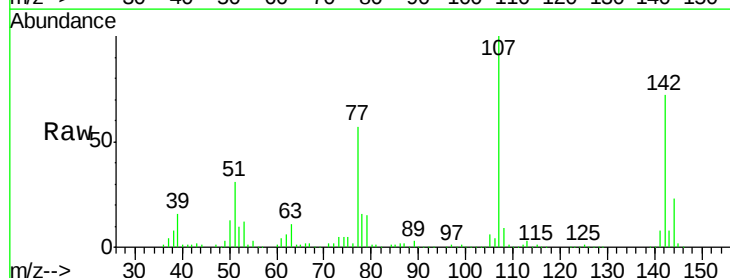
Instrument :
 BNA_F
 ClientSampleId :

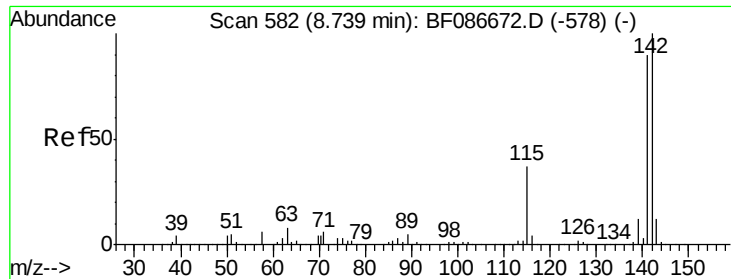
Tot Ion:113 Resp: 137469
 Ion Ratio Lower Upper
 113 100
 55 179.4 162.0 202.0
 56 130.5 115.3 155.3



#36
 4-Chloro-3-methylphenol
 Concen: 38.05 ng
 RT: 8.59 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: BF086676.D
 Acq: 4 May 2016 14:55

Tgt Ion:107 Resp: 449380
 Ion Ratio Lower Upper
 107 100
 144 23.2 20.7 31.1
 142 71.8 63.2 94.8

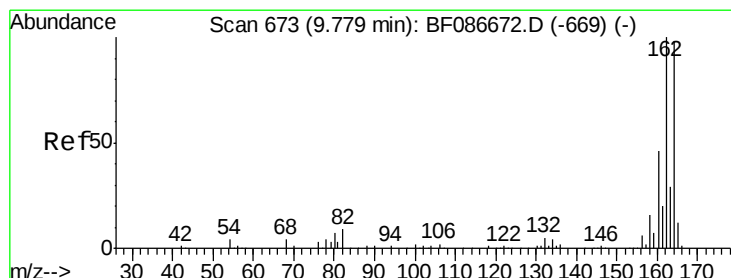
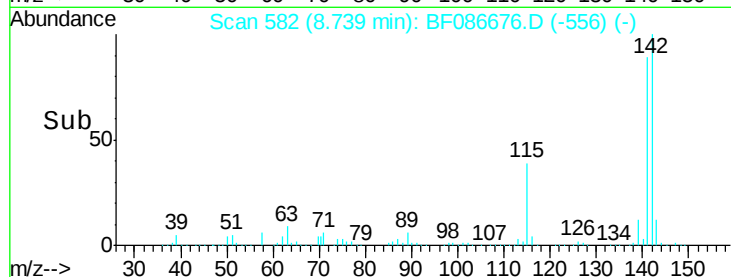
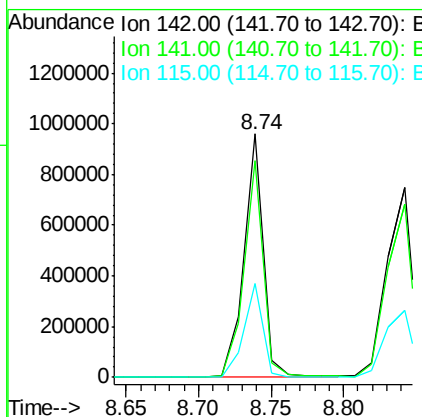
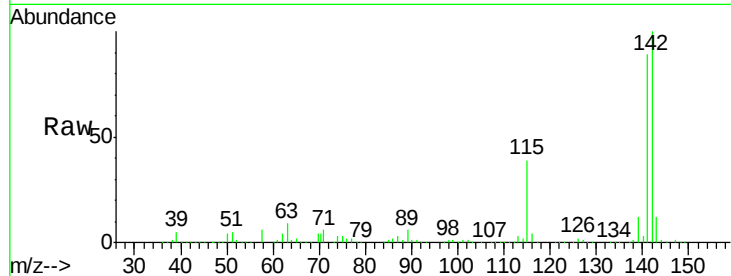




#37
 2-Methylnaphthalene
 Concen: 38.69 ng
 RT: 8.74 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: BF086676.D
 Acq: 4 May 2016 14:55

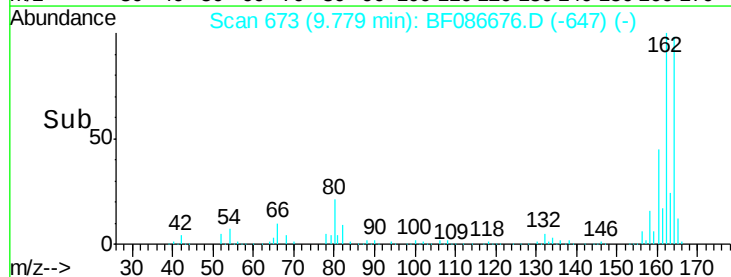
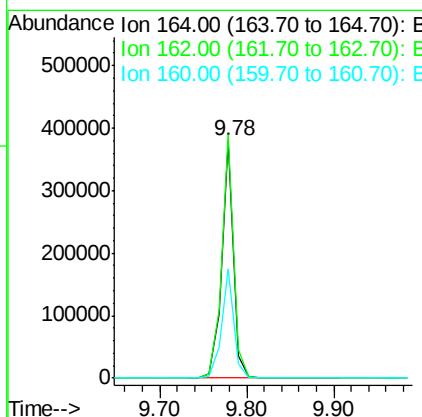
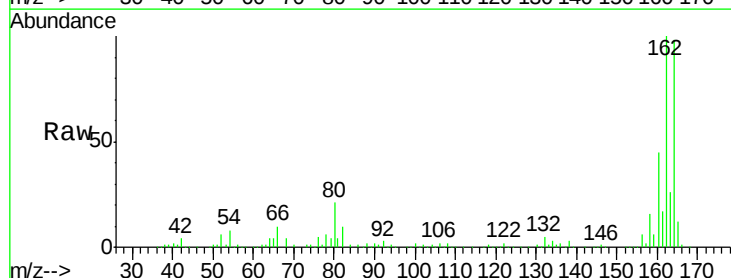
Instrument :
 BNA_F
 ClientSampleId :

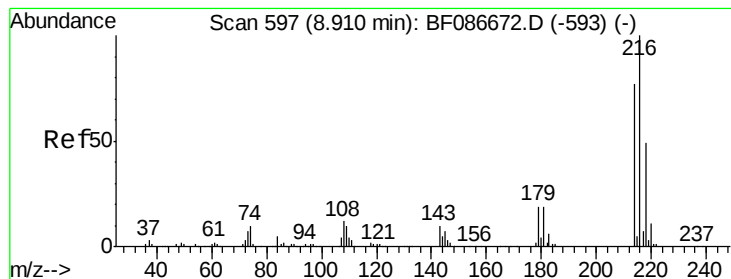
Tot Ion:142 Resp: 890764
 Ion Ratio Lower Upper
 142 100
 141 89.1 71.0 106.6
 115 38.6 26.6 39.8



#38
 Acenaphthene-d10
 Concen: 40.00 ng
 RT: 9.78 min Scan# 673
 Delta R.T. 0.00 min
 Lab File: BF086676.D
 Acq: 4 May 2016 14:55

Tgt Ion:164 Resp: 366138
 Ion Ratio Lower Upper
 164 100
 162 102.4 82.8 124.2
 160 46.0 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.62 ng

RT: 8.91 min Scan# 597

Delta R.T. 0.00 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 398677

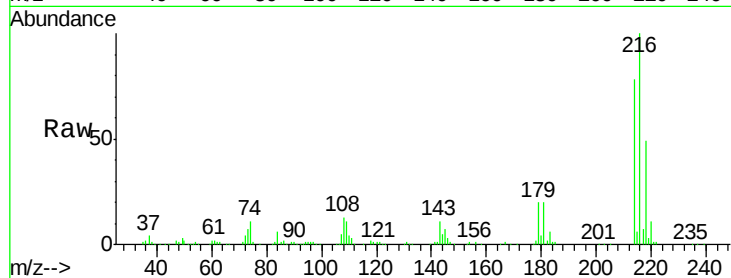
Ion Ratio Lower Upper

216 100

214 79.1 62.6 93.8

179 23.4 18.2 27.4

108 22.6 17.5 26.3

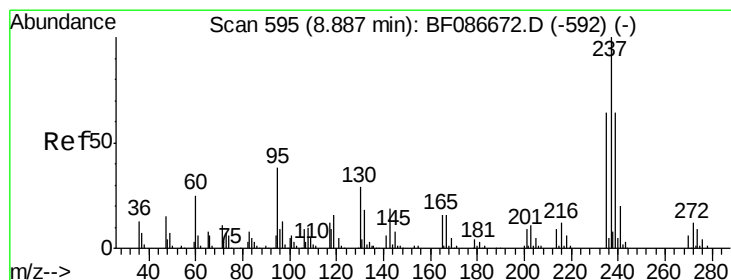
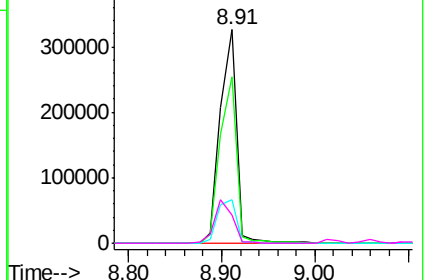
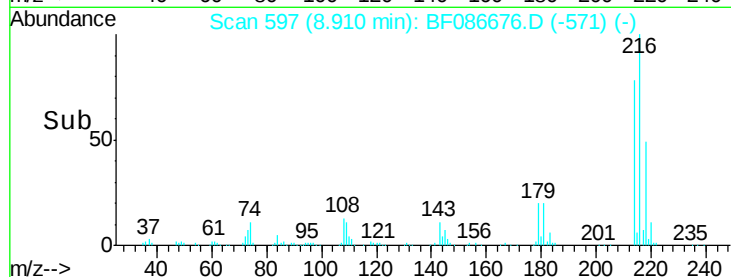


Abundance Ion 216.00 (215.70 to 216.70): E

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: 38.44 ng

RT: 8.89 min Scan# 595

Delta R.T. 0.00 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

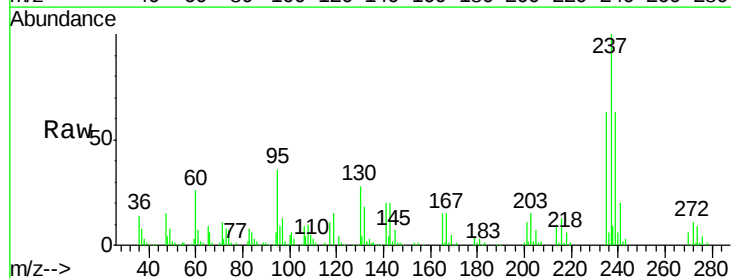
Tgt Ion:237 Resp: 170872

Ion Ratio Lower Upper

237 100

235 63.3 47.2 87.2

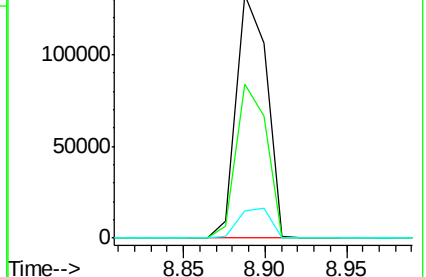
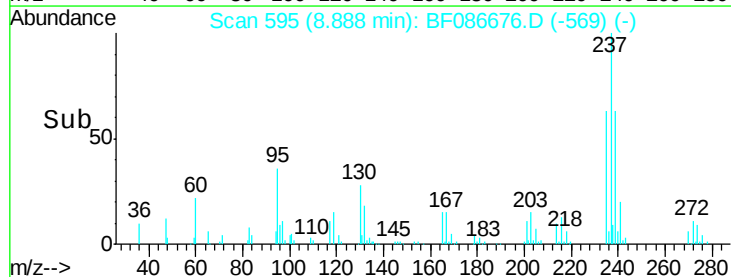
272 11.2 0.0 31.1

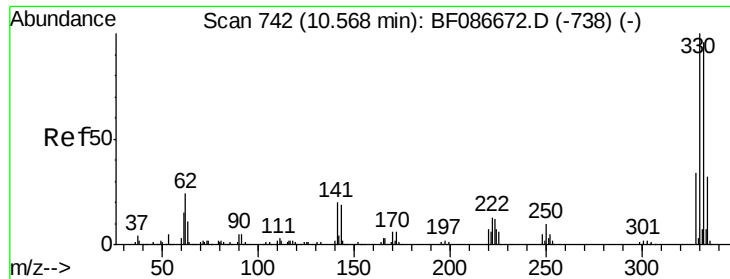


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

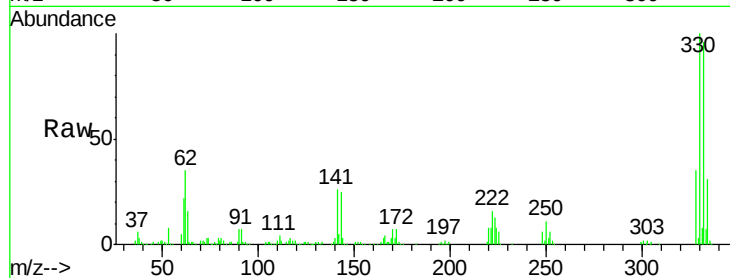




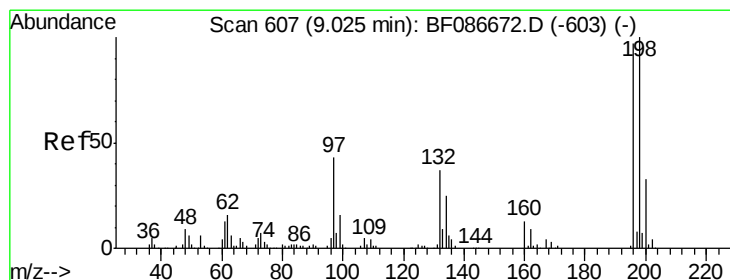
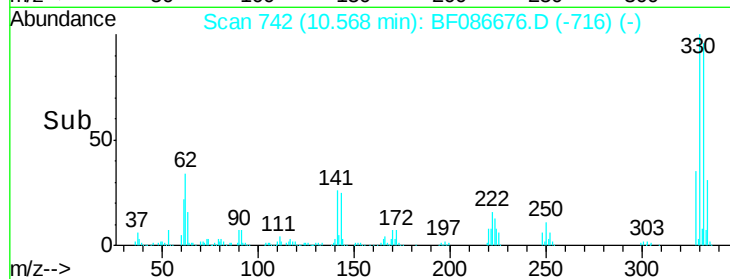
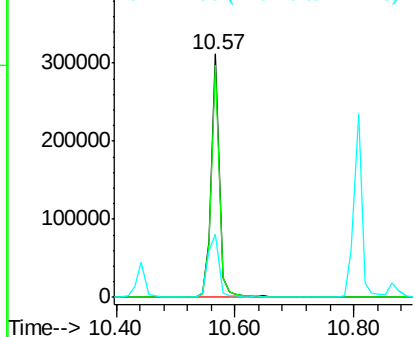
#41
 2,4,6-Tribromophenol
 Concen: 84.21 ng
 RT: 10.57 min Scan# 742
 Delta R.T. 0.00 min
 Lab File: BF086676.D
 Acq: 4 May 2016 14:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	79.0	118.4
141	35.7	31.2	46.8

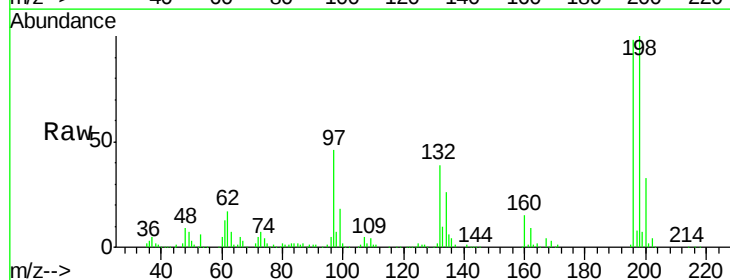


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

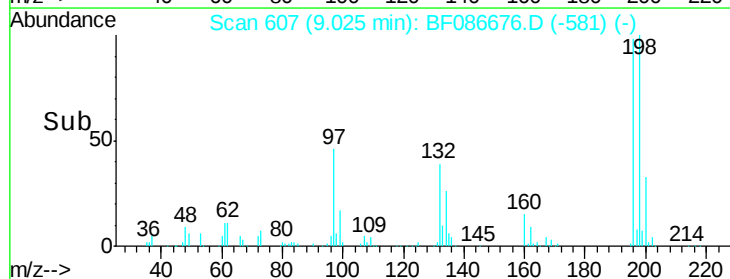
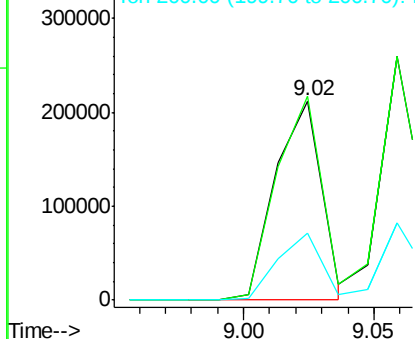


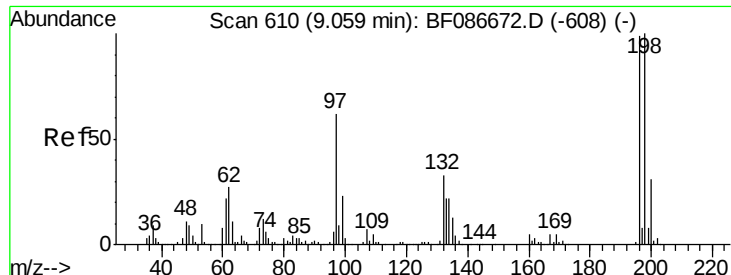
#42
 2,4,6-Trichlorophenol
 Concen: 38.83 ng
 RT: 9.02 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF086676.D
 Acq: 4 May 2016 14:55

Tgt Ion	Ratio	Lower	Upper
196	100		
198	102.3	74.7	112.1
200	33.5	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

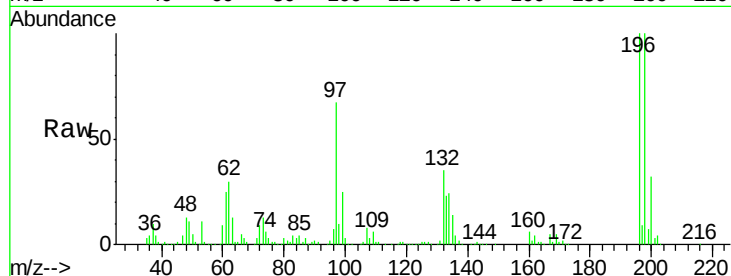




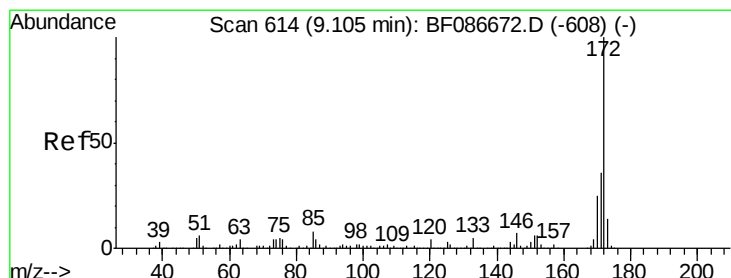
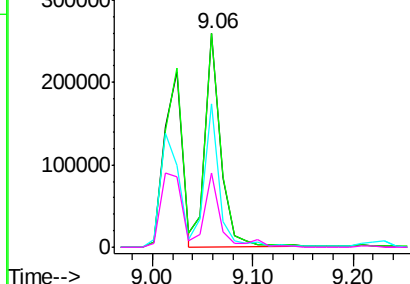
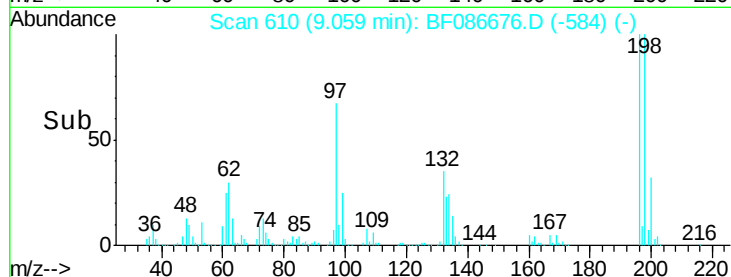
#43
 2,4,5-Trichlorophenol
 Concen: 40.14 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF086676.D
 Acq: 4 May 2016 14:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 282606
 Ion Ratio Lower Upper
 196 100
 198 100.0 77.5 116.3
 97 67.2 34.8 52.2#
 132 34.9 23.0 34.4#

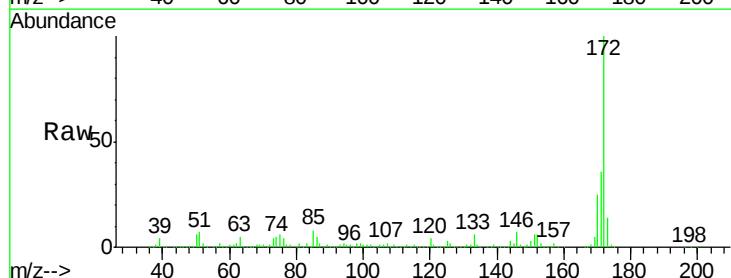


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

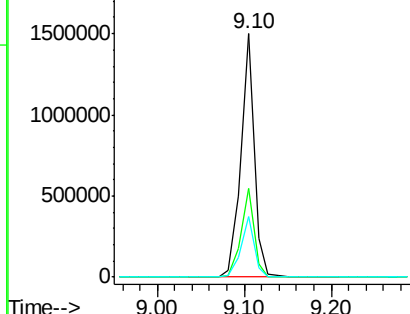
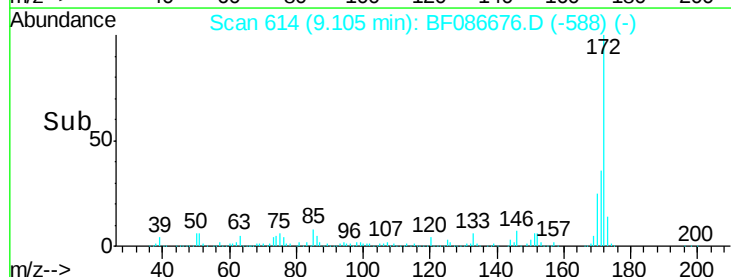


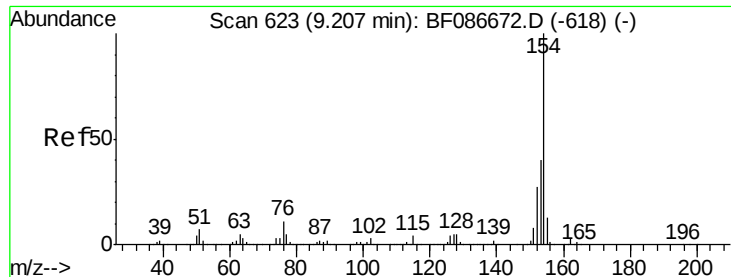
#44
 2-Fluorobiphenyl
 Concen: 71.63 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF086676.D
 Acq: 4 May 2016 14:55

Tgt Ion:172 Resp: 1599871
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.0 43.6
 170 24.9 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 39.16 ng

RT: 9.21 min Scan# 623

Delta R.T. 0.00 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

Instrument :

BNA_F

ClientSampled :

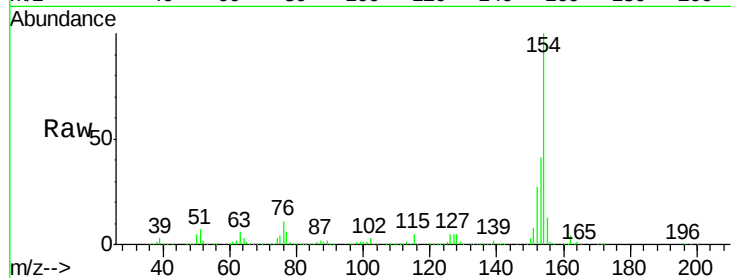
Tot Ion:154 Resp: 1172364

Ion Ratio Lower Upper

154 100

153 40.7 20.3 60.3

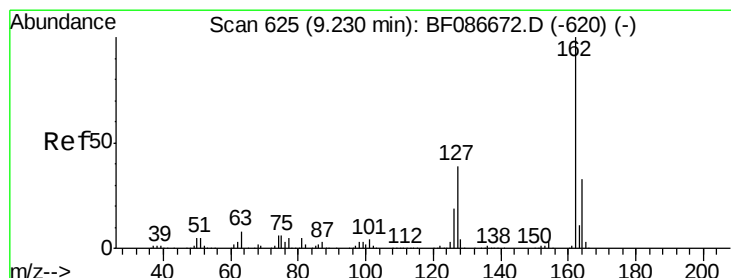
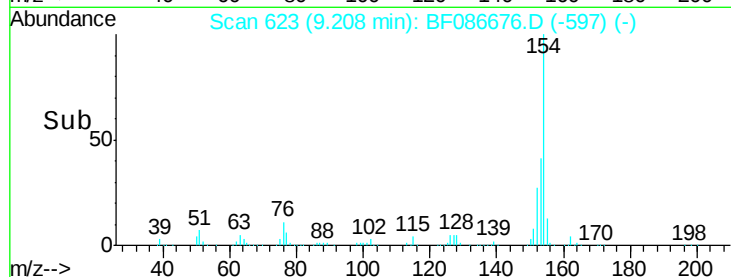
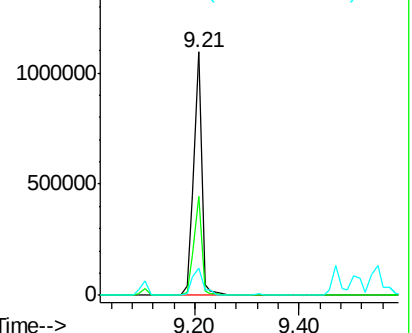
76 11.2 0.0 30.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.25 ng

RT: 9.23 min Scan# 625

Delta R.T. 0.00 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

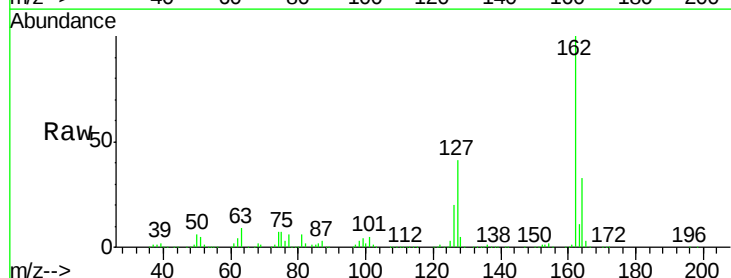
Tgt Ion:162 Resp: 906545

Ion Ratio Lower Upper

162 100

127 41.1 31.8 47.6

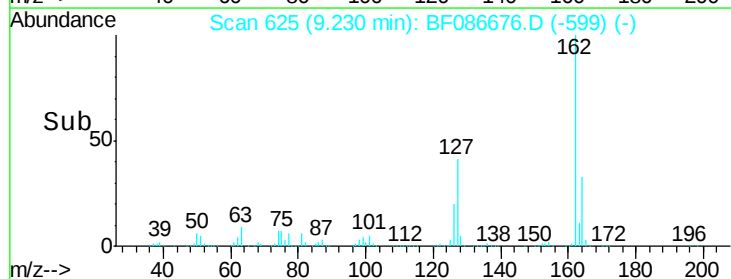
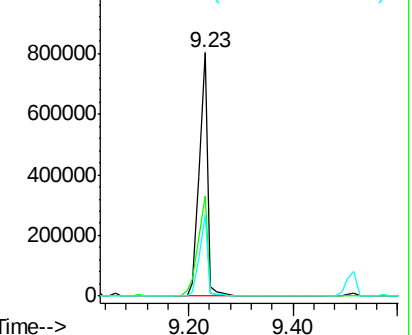
164 33.4 27.0 40.6

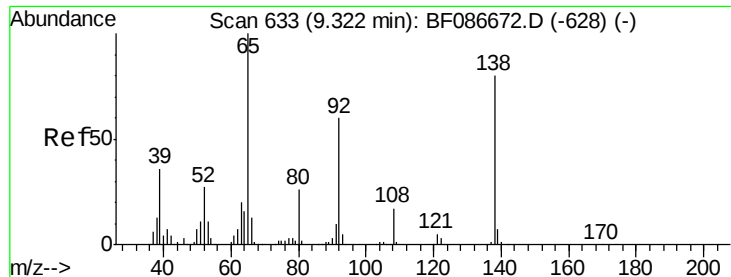


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

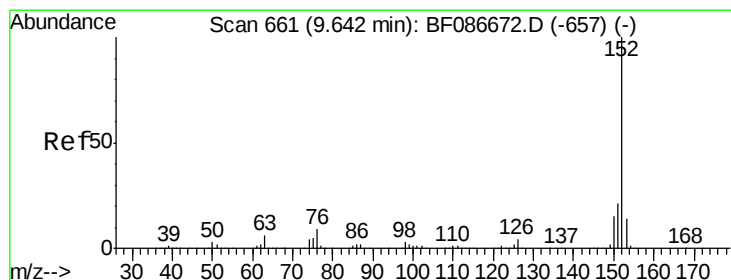
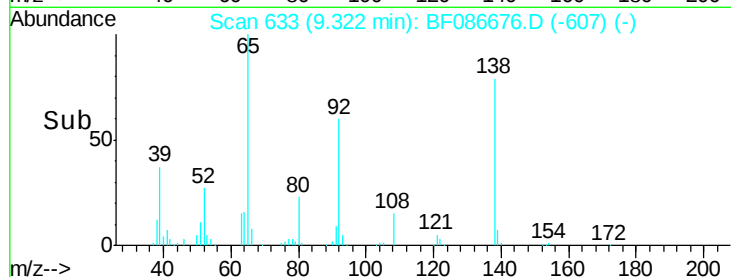
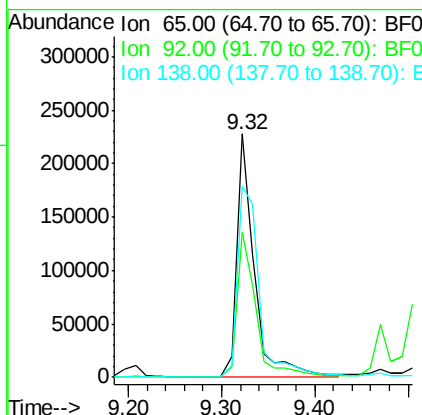
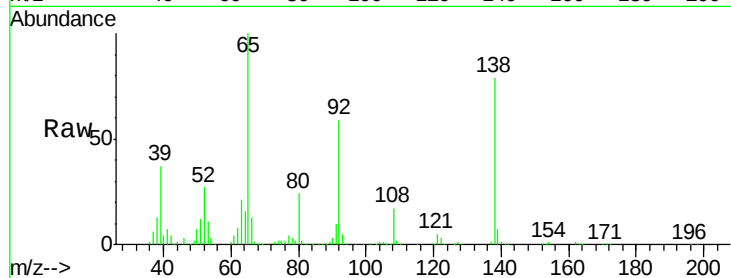




#47
2-Nitroaniline
Concen: 36.81 ng
RT: 9.32 min Scan# 633
Delta R.T. 0.00 min
Lab File: BF086676.D
Acq: 4 May 2016 14:55

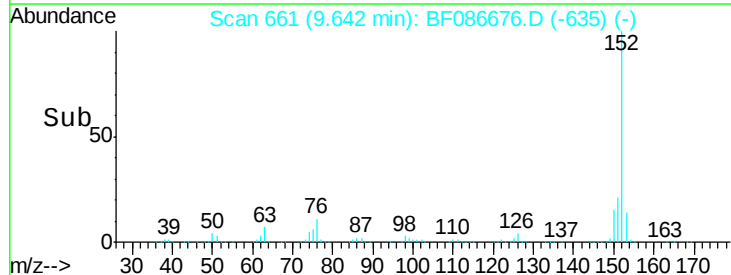
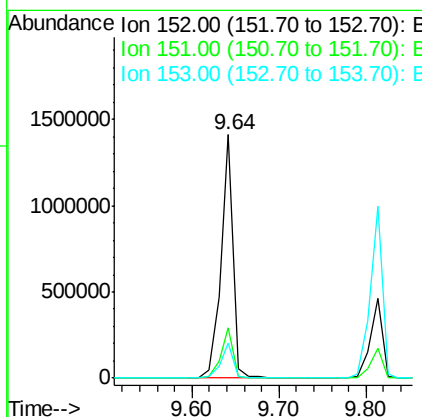
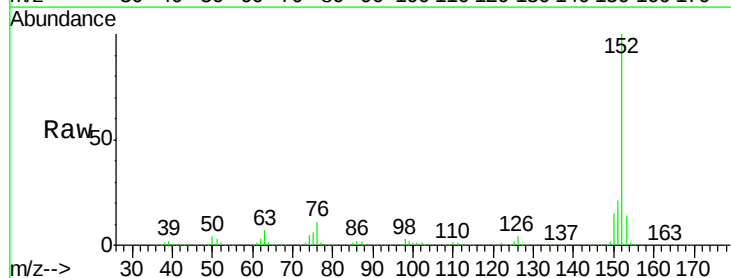
Instrument :
BNA_F
ClientSampleId :

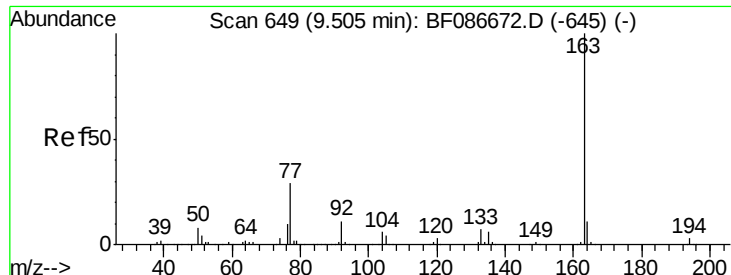
Tot Ion: 65 Resp: 302280
Ion Ratio Lower Upper
65 100
92 59.5 57.4 86.2
138 78.6 90.1 135.1#



#48
Acenaphthylene
Concen: 40.45 ng
RT: 9.64 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF086676.D
Acq: 4 May 2016 14:55

Tgt Ion: 152 Resp: 1387111
Ion Ratio Lower Upper
152 100
151 20.8 16.8 25.2
153 14.3 10.9 16.3

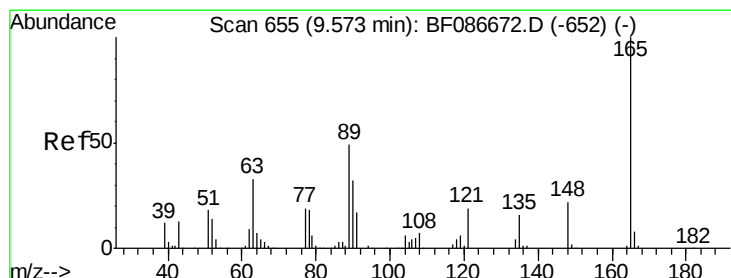
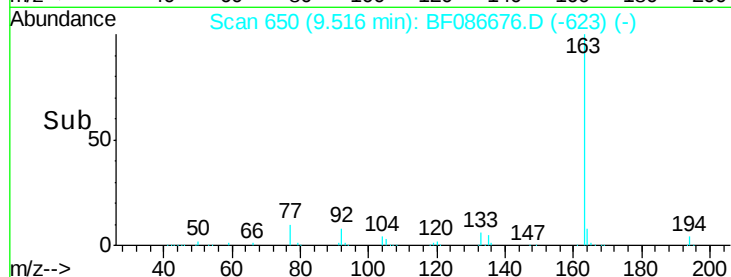
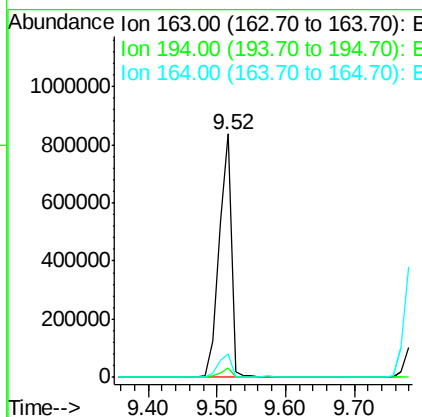
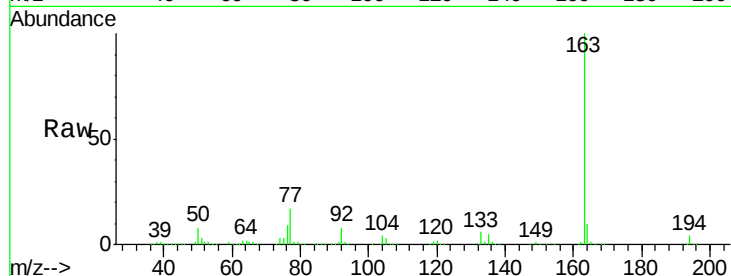




#49
Dimethylphthalate
Concen: 38.79 ng
RT: 9.52 min Scan# 650
Delta R.T. 0.01 min
Lab File: BF086676.D
Acq: 4 May 2016 14:55

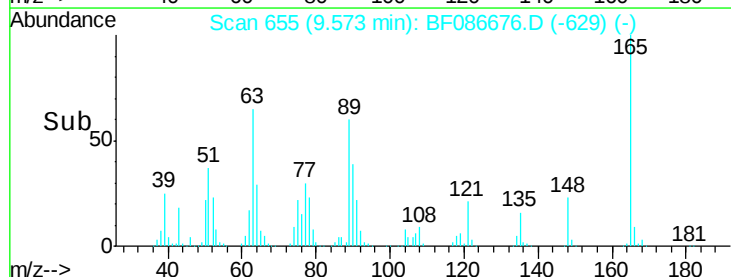
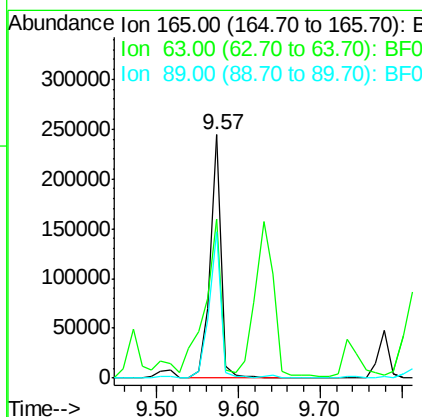
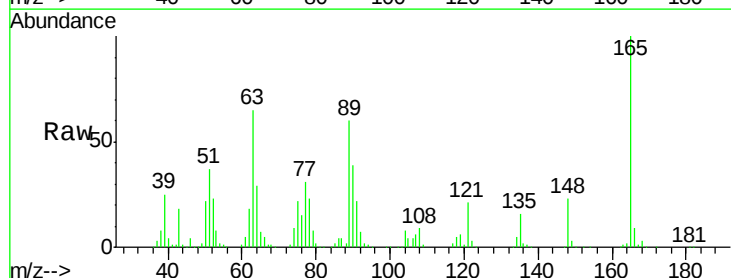
Instrument :
BNA_F
ClientSampleId :

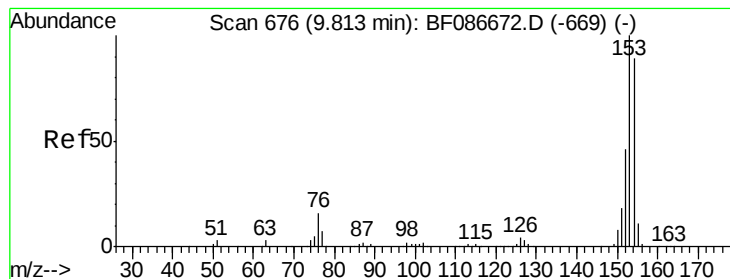
Tot Ion:163 Resp: 1058905
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 9.9 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 40.14 ng
RT: 9.57 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF086676.D
Acq: 4 May 2016 14:55

Tgt Ion:165 Resp: 235093
Ion Ratio Lower Upper
165 100
63 65.4 51.8 77.8
89 59.9 50.7 76.1





#51

Acenaphthene

Concen: 37.67 ng

RT: 9.81 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

Instrument :

BNA_F

ClientSampled :

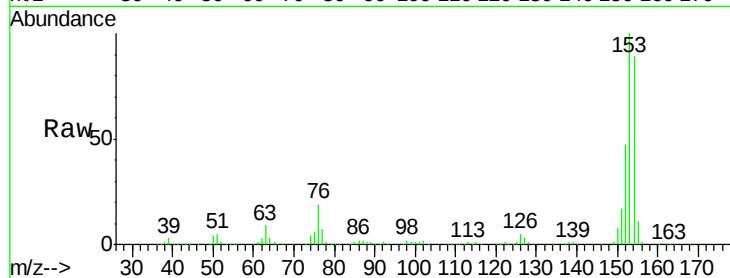
Tot Ion:154 Resp: 852007

Ion Ratio Lower Upper

154 100

153 112.4 89.8 134.6

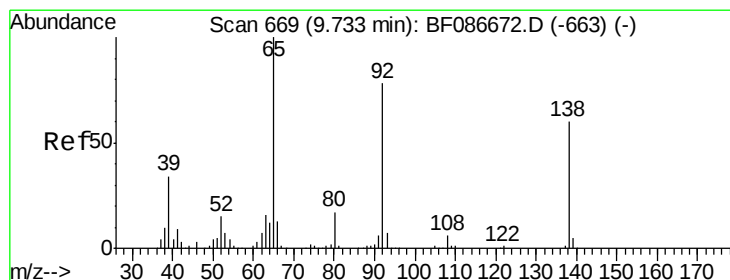
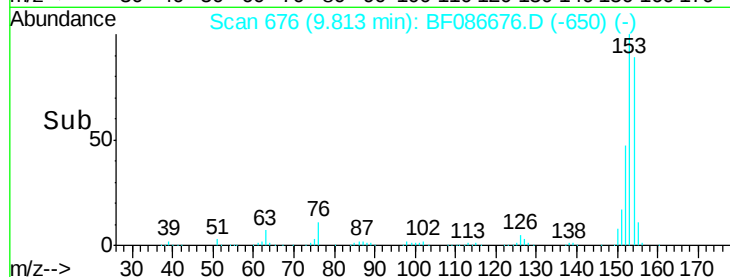
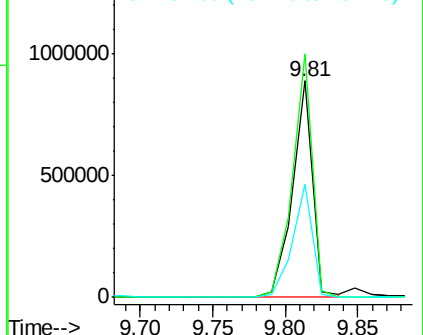
152 52.3 43.4 65.0



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: 38.02 ng

RT: 9.74 min Scan# 670

Delta R.T. 0.01 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

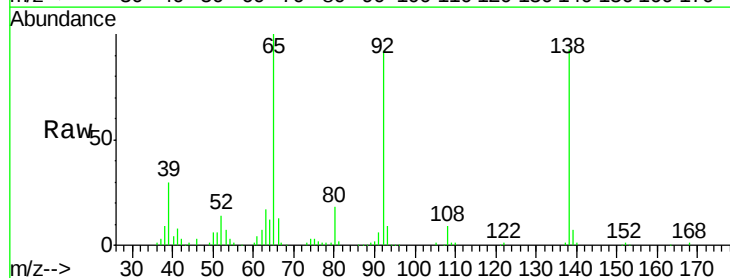
Tgt Ion:138 Resp: 253150

Ion Ratio Lower Upper

138 100

108 9.2 7.8 11.6

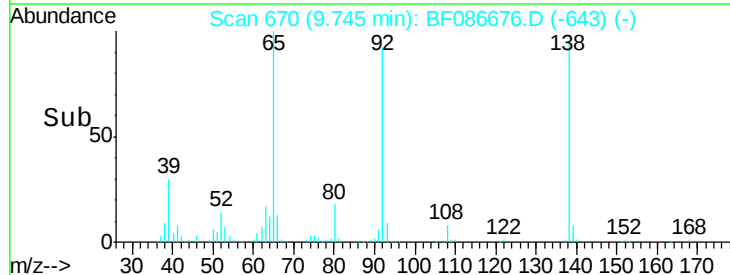
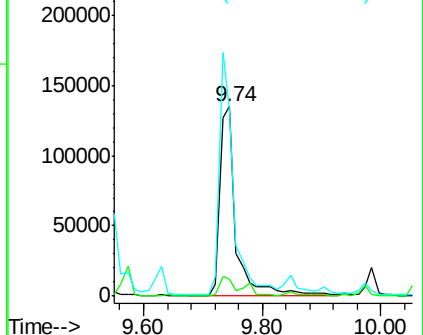
92 98.1 87.8 131.8

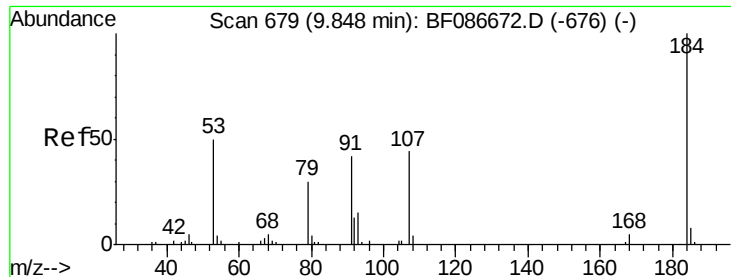


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

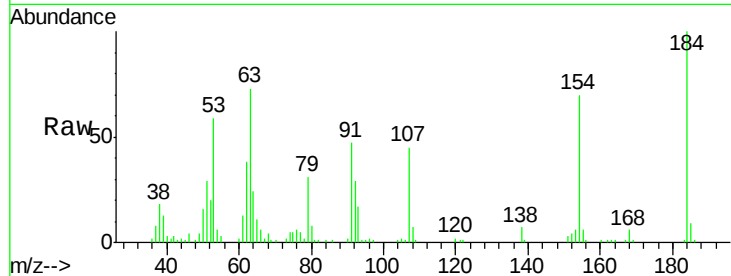




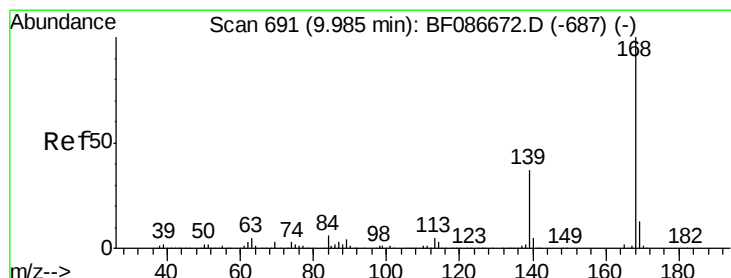
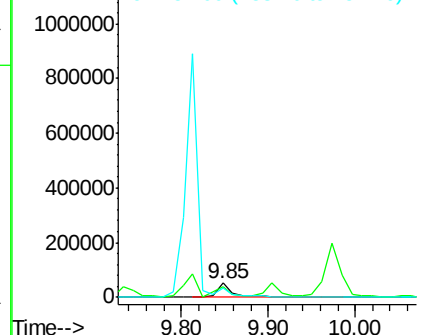
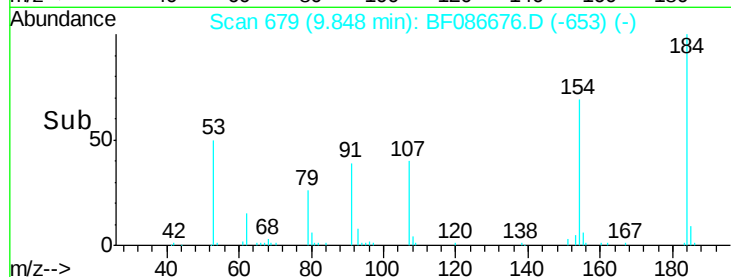
#53
2,4-Dinitrophenol
Concen: 43.65 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF086676.D
Acq: 4 May 2016 14:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 71282
Ion Ratio Lower Upper
184 100
63 72.9 55.8 83.8
154 70.2 62.4 93.6

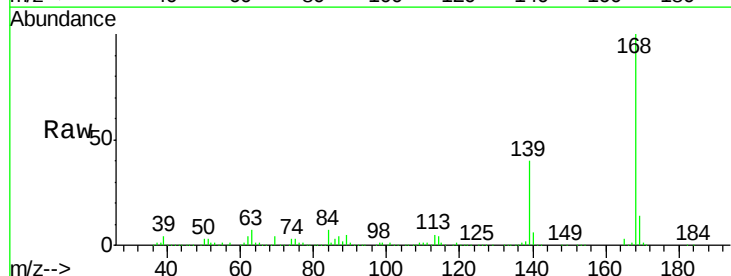


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

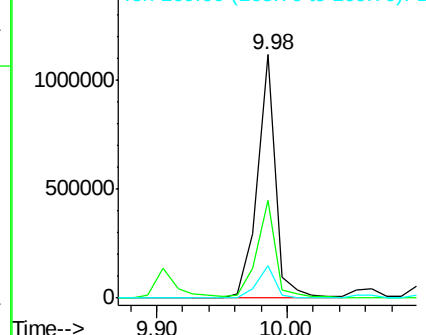
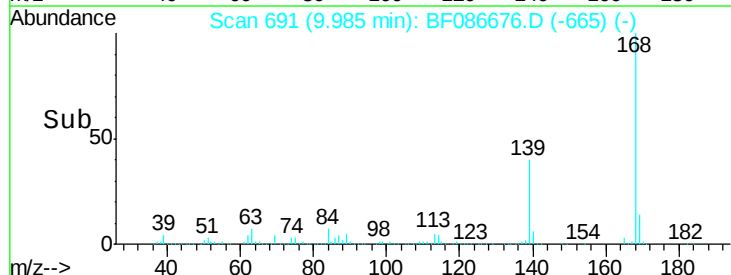


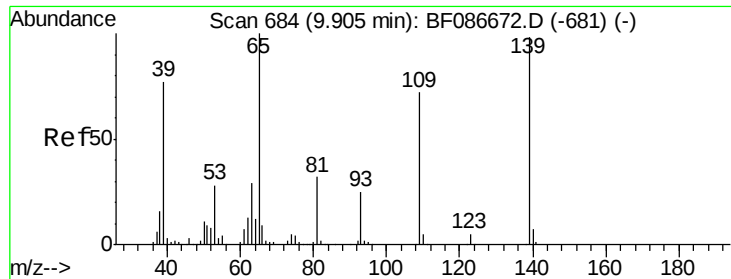
#54
Dibenzofuran
Concen: 38.91 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF086676.D
Acq: 4 May 2016 14:55

Tgt Ion:168 Resp: 1090932
Ion Ratio Lower Upper
168 100
139 40.3 31.4 47.0
169 13.5 10.7 16.1



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 41.33 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

Instrument :

BNA_F

ClientSampleId :

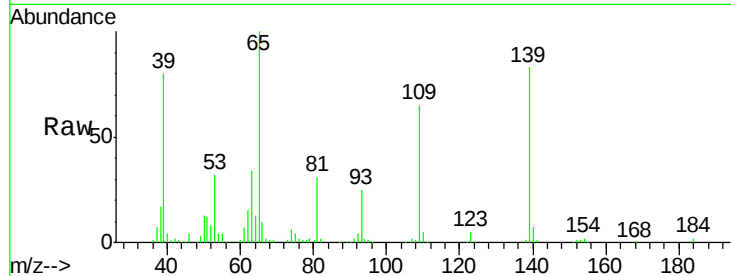
Tot Ion:139 Resp: 160461

Ion Ratio Lower Upper

139 100

109 78.2 36.9 76.9#

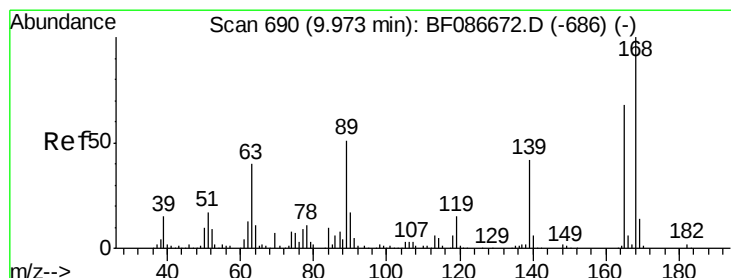
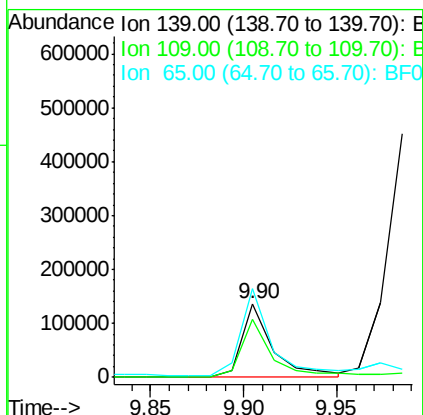
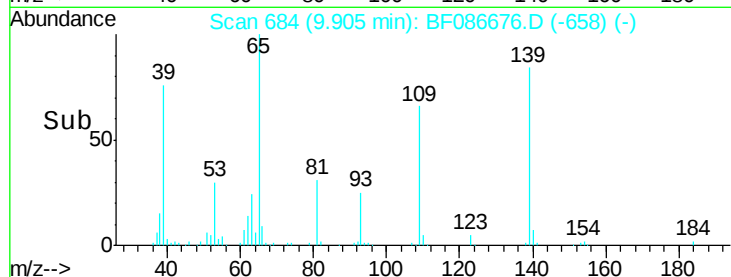
65 120.6 64.0 104.0#



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: 40.86 ng

RT: 9.97 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

Tgt Ion:165 Resp: 296579

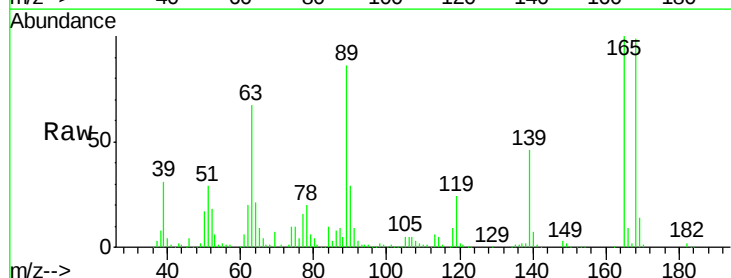
Ion Ratio Lower Upper

165 100

63 66.8 44.3 66.5#

89 85.7 70.0 105.0

182 2.3 1.8 2.6

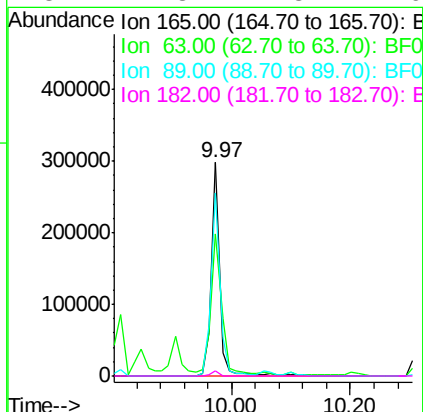
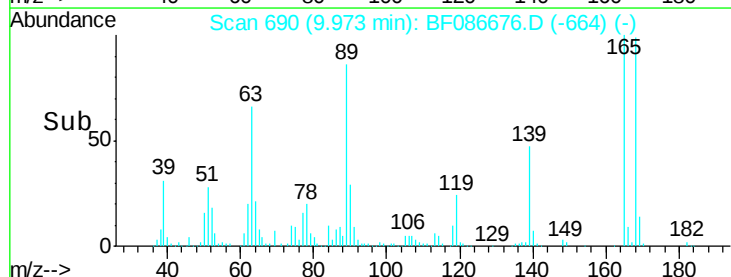


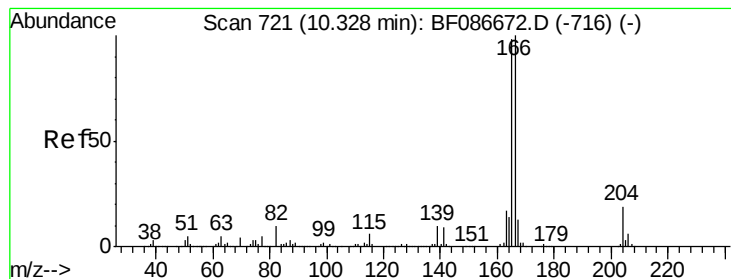
Abundance Ion 165.00 (164.70 to 165.70): E

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: 41.19 ng

RT: 10.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

Instrument :

BNA_F

ClientSampleId :

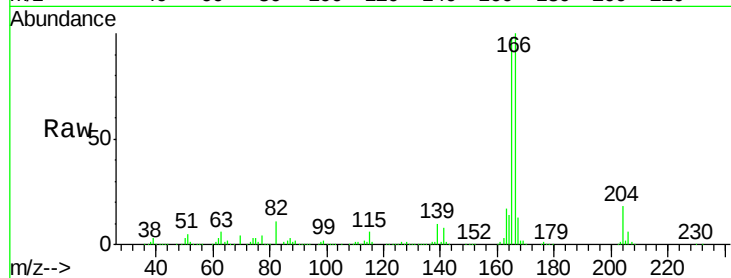
Tot Ion:166 Resp: 936029

Ion Ratio Lower Upper

166 100

165 98.4 79.0 118.6

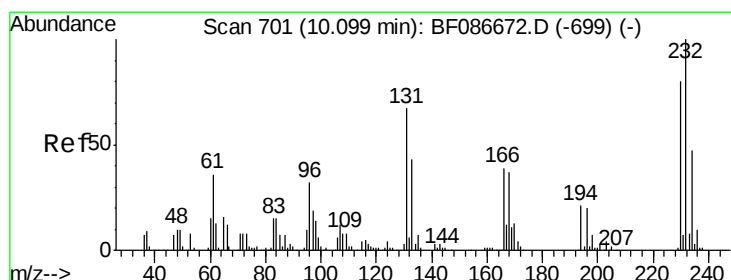
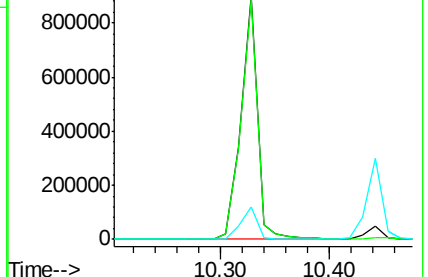
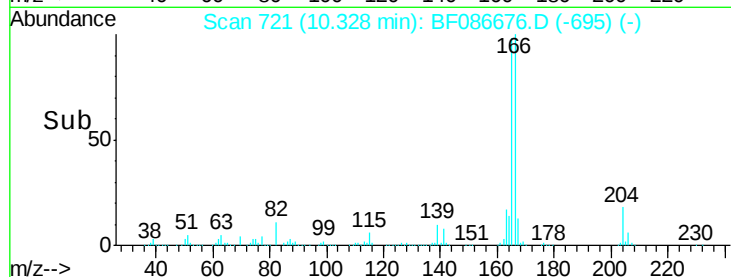
167 13.4 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.99 ng

RT: 10.10 min Scan# 701

Delta R.T. 0.00 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

Tgt Ion:232 Resp: 196445

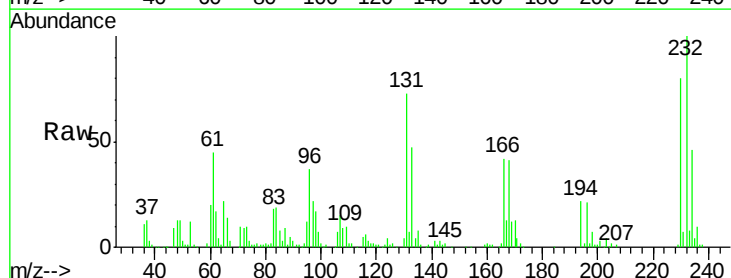
Ion Ratio Lower Upper

232 100

131 54.4 41.9 62.9

130 2.6 2.2 3.4

166 32.3 26.8 40.2

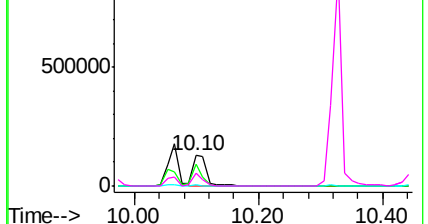
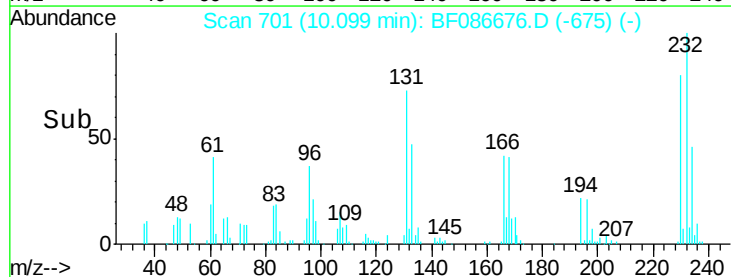


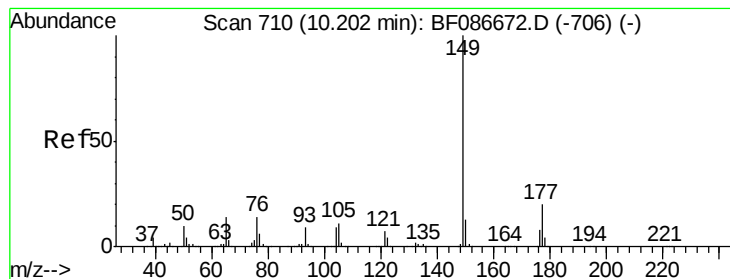
Abundance Ion 232.00 (231.70 to 232.70): E

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: 37.80 ng

RT: 10.21 min Scan# 711

Delta R.T. 0.01 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

Instrument :

BNA_F

ClientSampled :

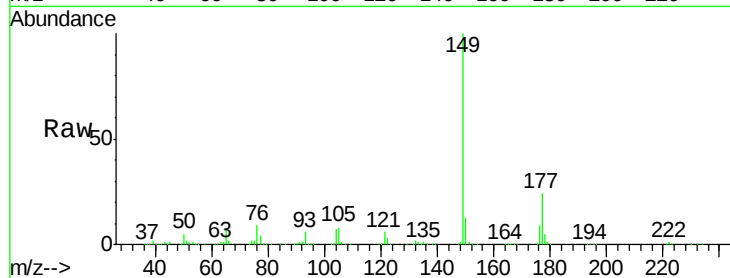
Tot Ion:149 Resp: 976598

Ion Ratio Lower Upper

149 100

177 24.4 16.6 24.8

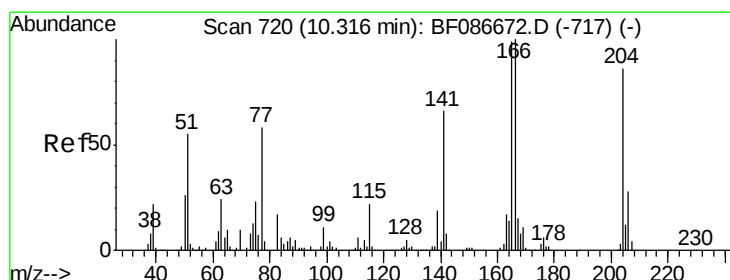
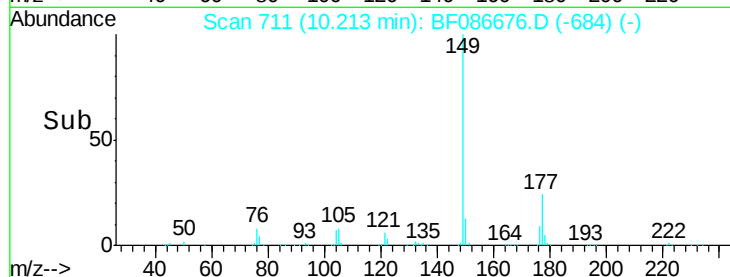
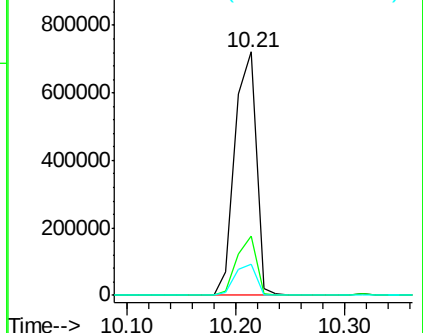
150 12.6 10.0 15.0



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: 35.63 ng

RT: 10.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

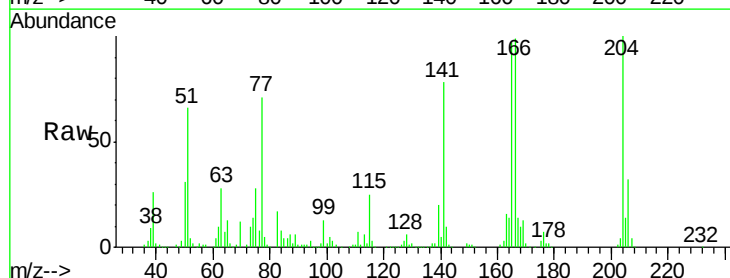
Tgt Ion:204 Resp: 384948

Ion Ratio Lower Upper

204 100

206 32.2 25.4 38.0

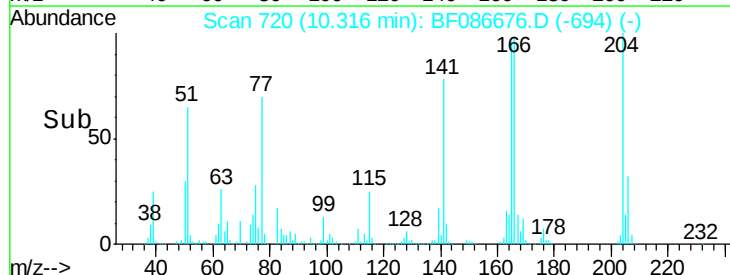
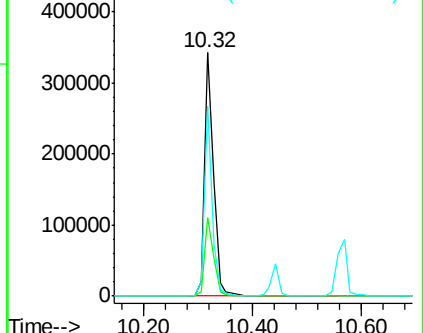
141 78.2 61.6 92.4

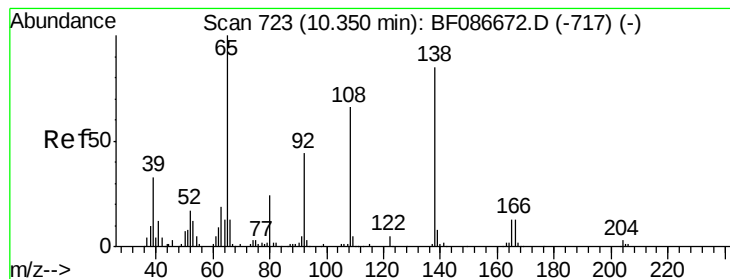


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.18 ng

RT: 10.35 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

Instrument :

BNA_F

ClientSampled :

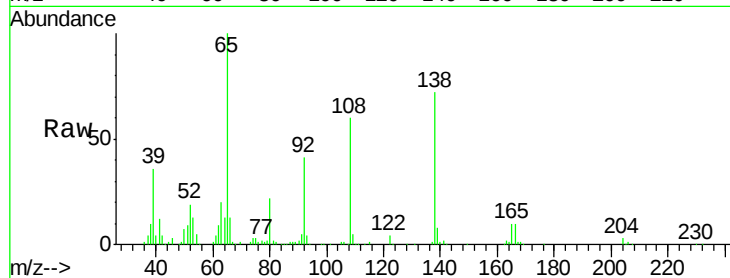
Tot Ion:138 Resp: 244282

Ion Ratio Lower Upper

138 100

92 56.7 24.7 64.7

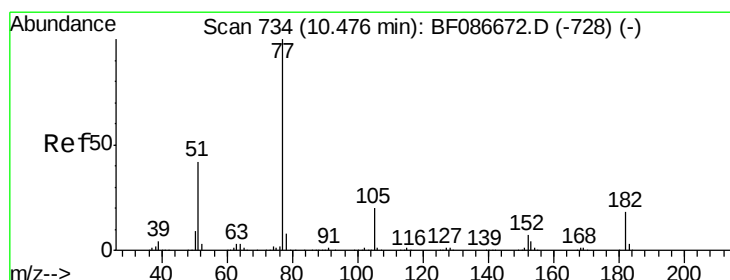
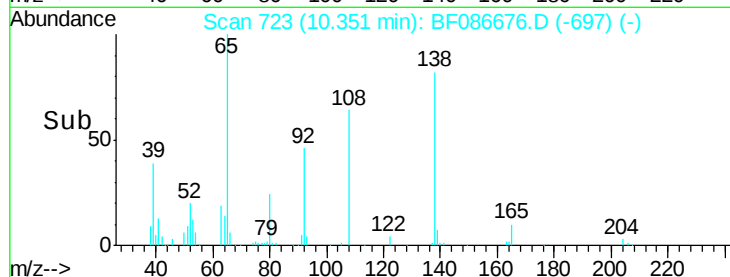
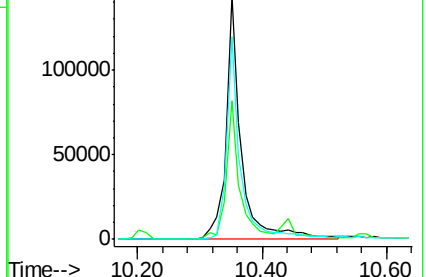
108 83.0 37.4 77.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 36.32 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

Tgt Ion: 77 Resp: 1039878

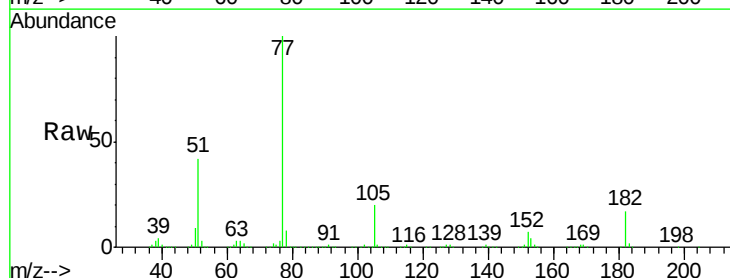
Ion Ratio Lower Upper

77 100

182 16.9 0.0 38.8

105 20.2 3.2 43.2

51 42.5 8.8 48.8

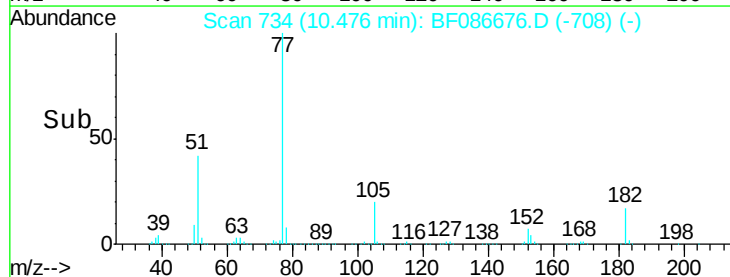
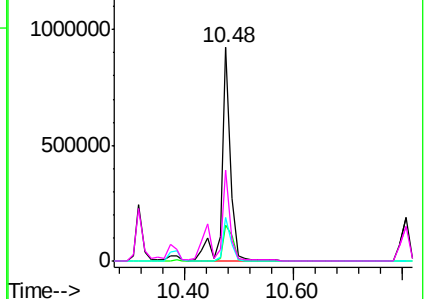


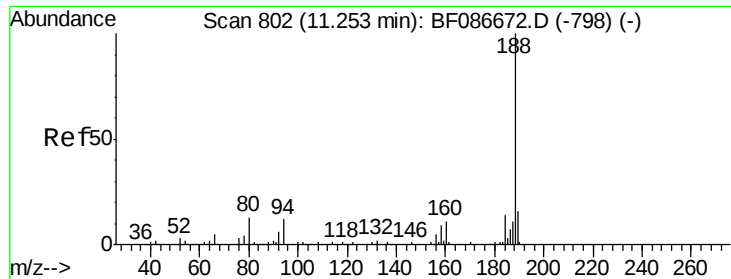
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

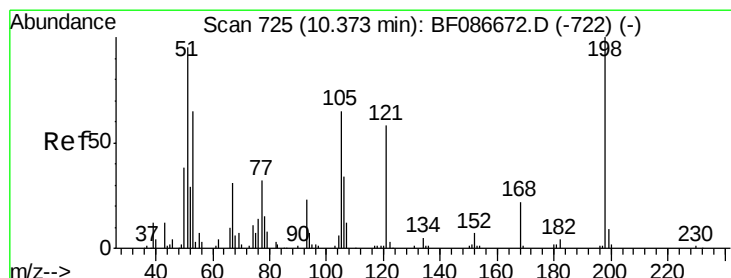
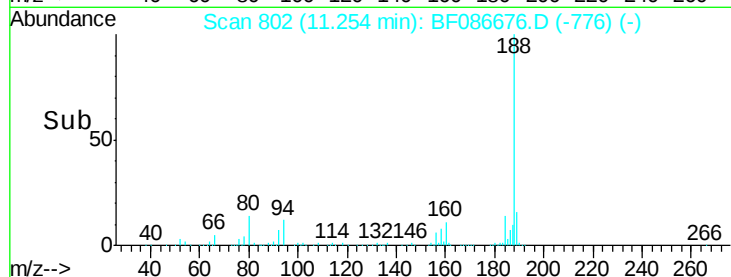
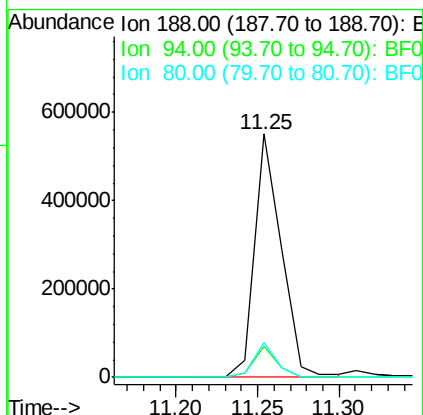
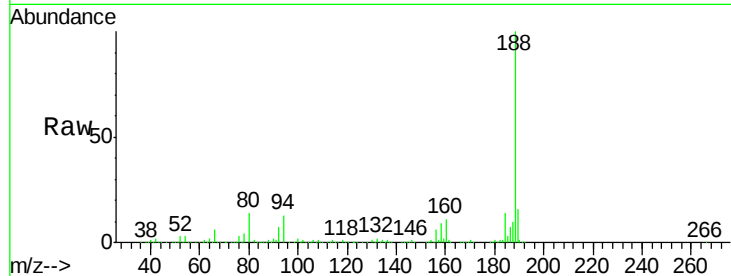




#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 11.25 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF086676.D
Acq: 4 May 2016 14:55

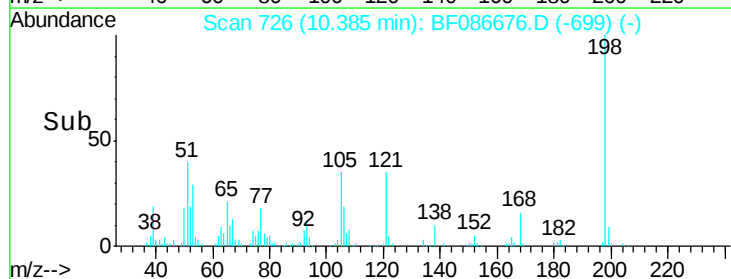
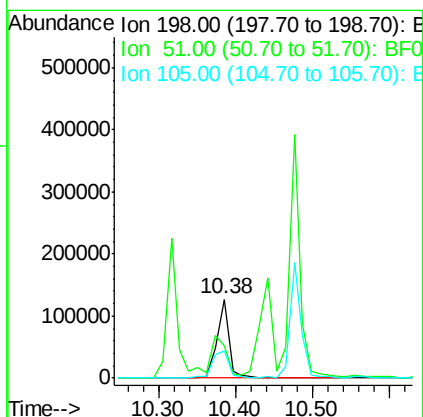
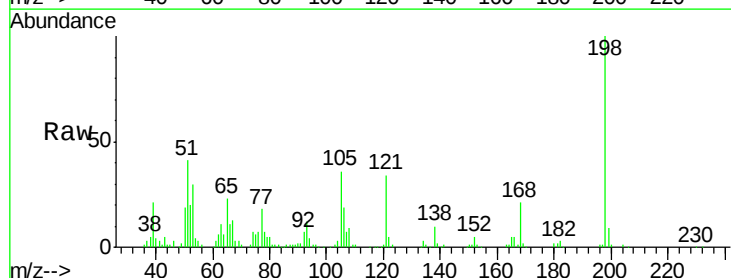
Instrument :
BNA_F
ClientSampleId :

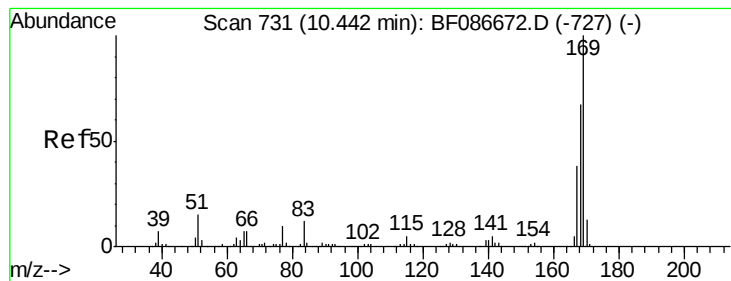
Tot Ion:188 Resp: 628571
Ion Ratio Lower Upper
188 100
94 12.8 6.8 10.2#
80 14.2 7.1 10.7#



#64
4,6-Dinitro-2-methylphenol
Concen: 44.48 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.01 min
Lab File: BF086676.D
Acq: 4 May 2016 14:55

Tgt Ion:198 Resp: 137398
Ion Ratio Lower Upper
198 100
51 41.1 20.5 60.5
105 35.6 24.5 64.5





#65

n-Nitrosodiphenylamine

Concen: 39.95 ng

RT: 10.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

Instrument :

BNA_F

ClientSampleId :

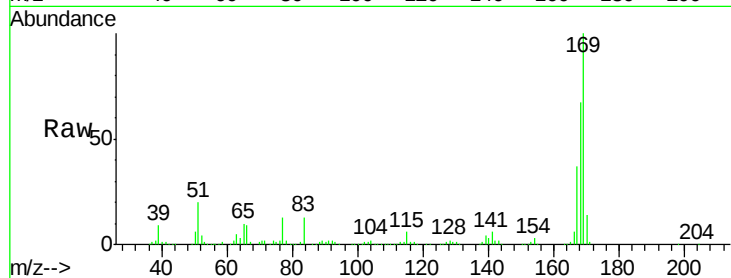
Tot Ion:169 Resp: 797312

Ion Ratio Lower Upper

169 100

168 66.8 53.8 80.6

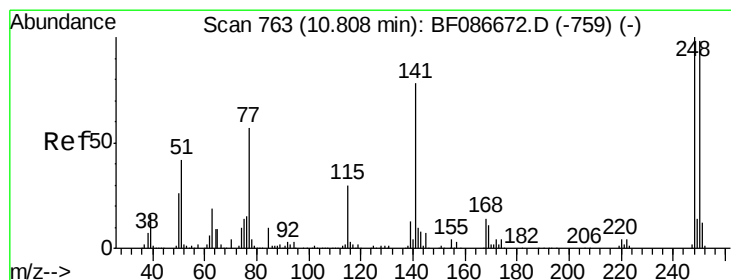
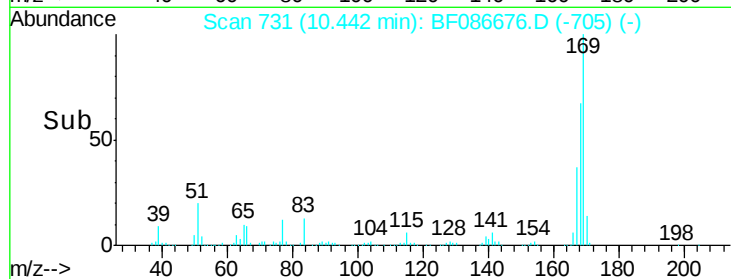
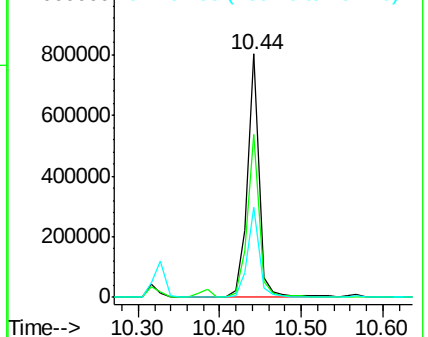
167 37.0 29.5 44.3



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: 39.21 ng

RT: 10.81 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

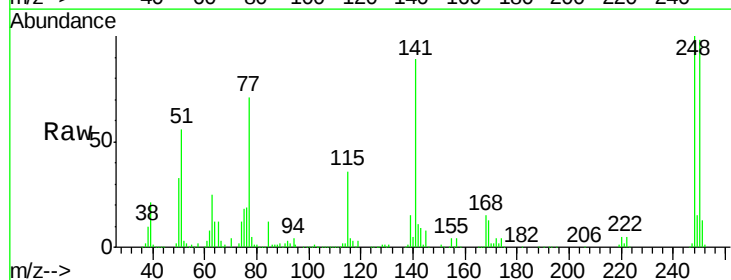
Tgt Ion:248 Resp: 244936

Ion Ratio Lower Upper

248 100

250 97.6 78.6 117.8

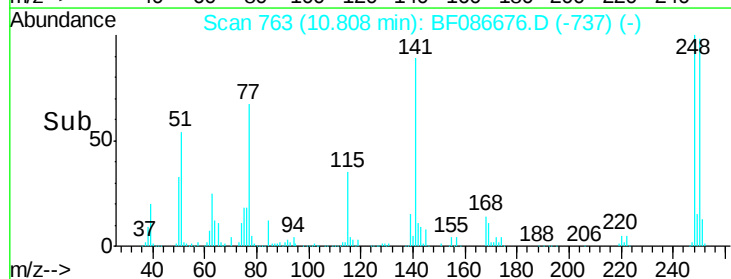
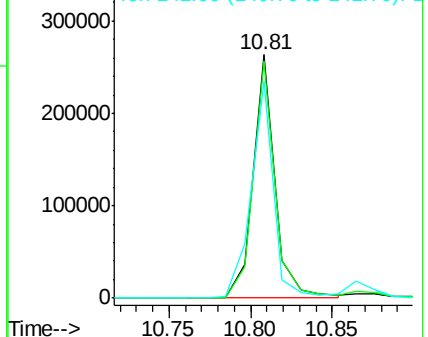
141 88.9 76.0 114.0

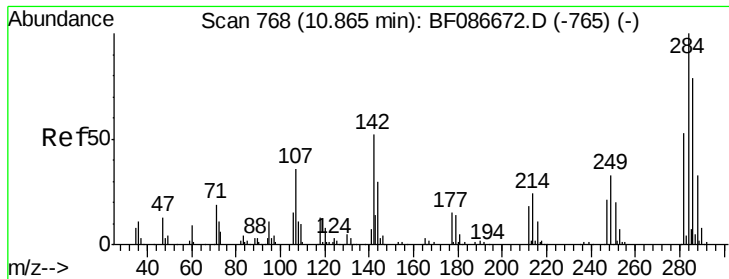


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

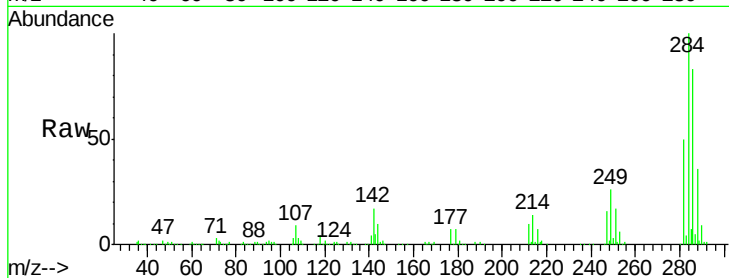




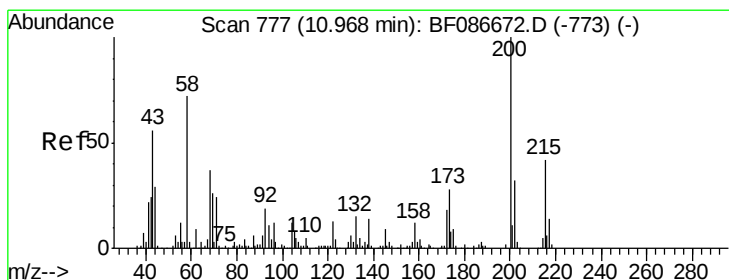
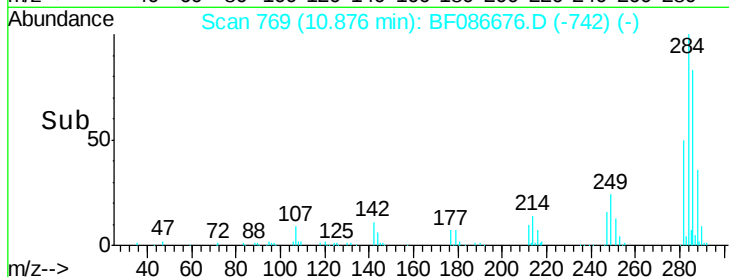
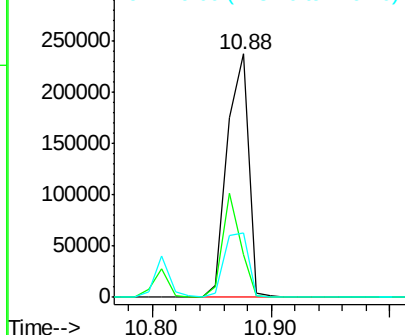
#67
Hexachlorobenzene
Concen: 39.00 ng
RT: 10.88 min Scan# 769
Delta R.T. 0.01 min
Lab File: BF086676.D
Acq: 4 May 2016 14:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 297066
Ion Ratio Lower Upper
284 100
142 17.5 16.7 25.1
249 26.2 21.3 31.9

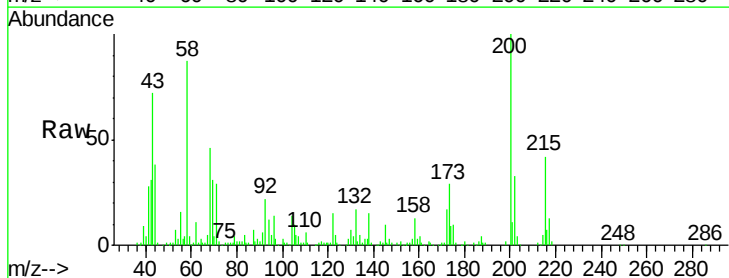


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

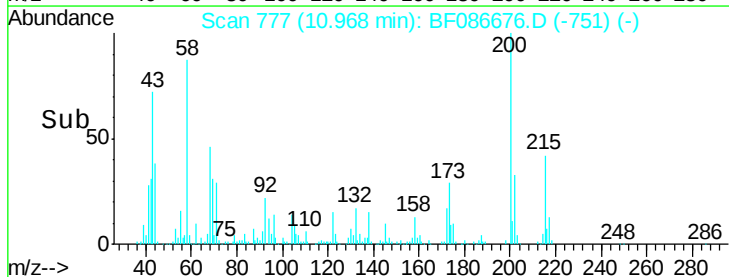
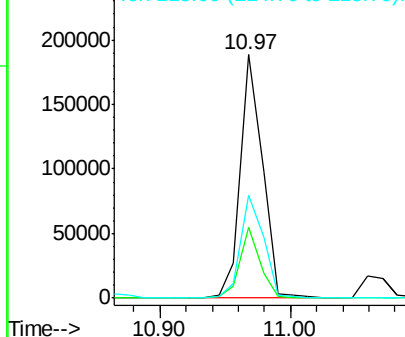


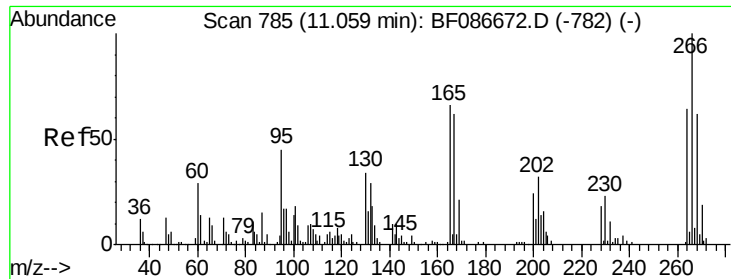
#68
Atrazine
Concen: 36.19 ng
RT: 10.97 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF086676.D
Acq: 4 May 2016 14:55

Tgt Ion:200 Resp: 221354
Ion Ratio Lower Upper
200 100
173 29.2 8.5 48.5
215 42.2 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

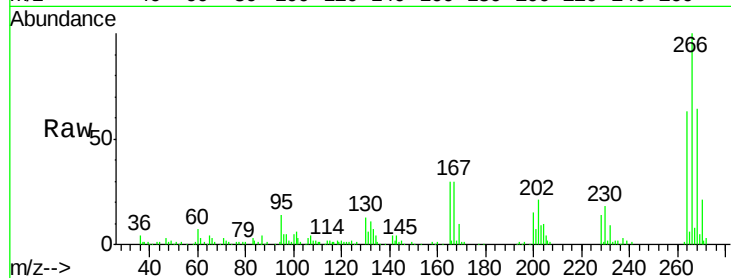




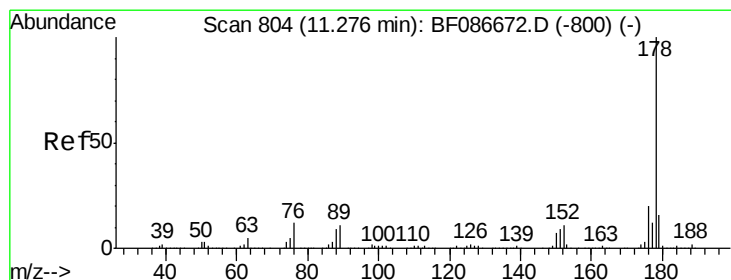
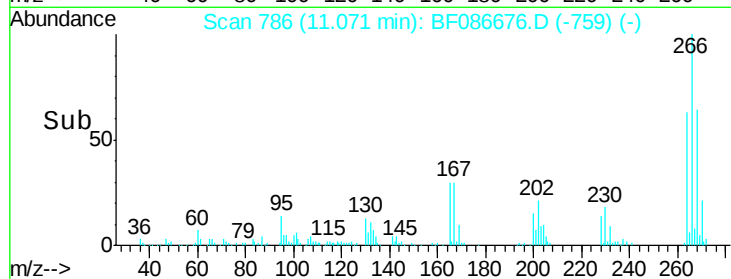
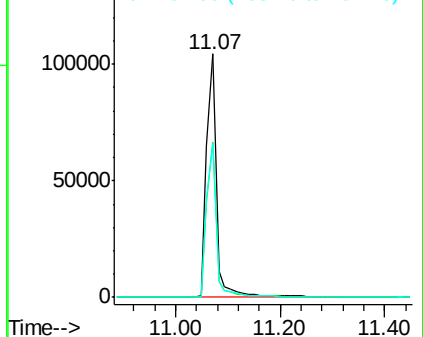
#69
 Pentachlorophenol
 Concen: 40.85 ng
 RT: 11.07 min Scan# 786
 Delta R.T. 0.01 min
 Lab File: BF086676.D
 Acq: 4 May 2016 14:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 139665
 Ion Ratio Lower Upper
 266 100
 268 63.7 51.5 77.3
 264 63.1 52.9 79.3

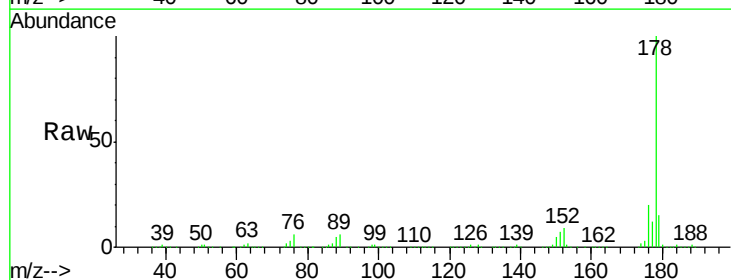


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

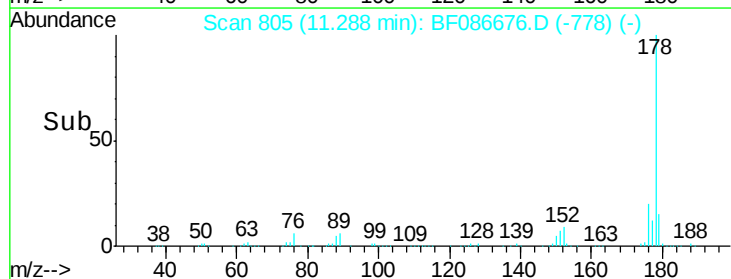
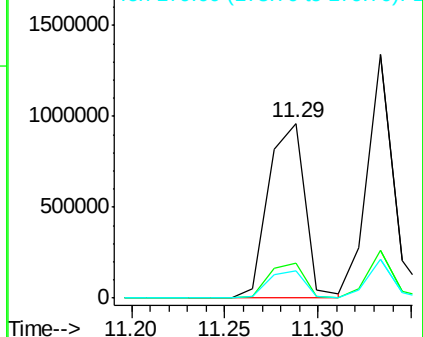


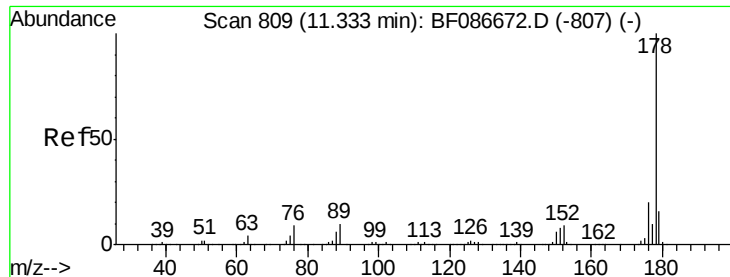
#70
 Phenanthrene
 Concen: 38.63 ng
 RT: 11.29 min Scan# 805
 Delta R.T. 0.01 min
 Lab File: BF086676.D
 Acq: 4 May 2016 14:55

Tgt Ion:178 Resp: 1304141
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.0 24.0
 179 15.4 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

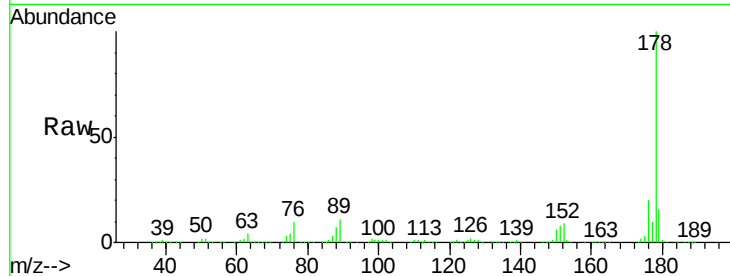




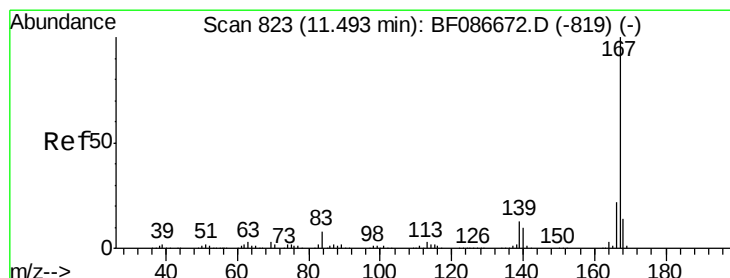
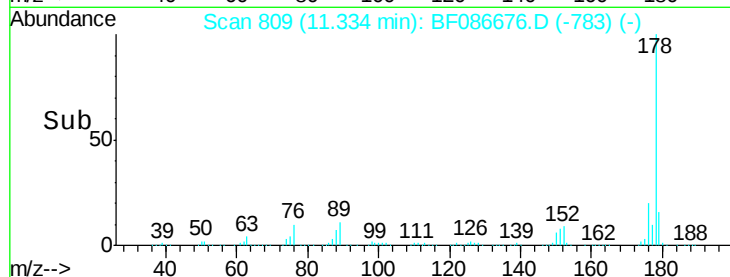
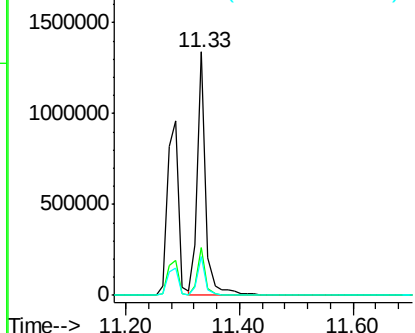
#71
 Anthracene
 Concen: 38.61 ng
 RT: 11.33 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF086676.D
 Acq: 4 May 2016 14:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1365236
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.6 23.4
 179 16.0 12.7 19.1

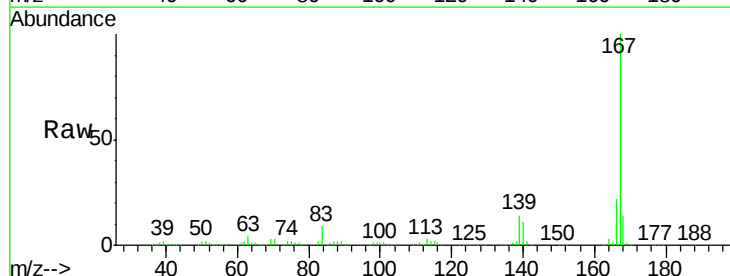


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

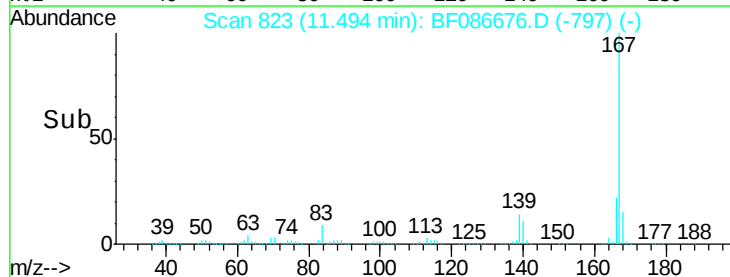
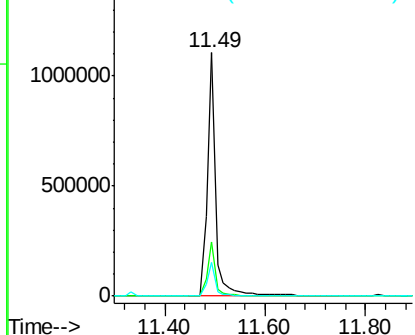


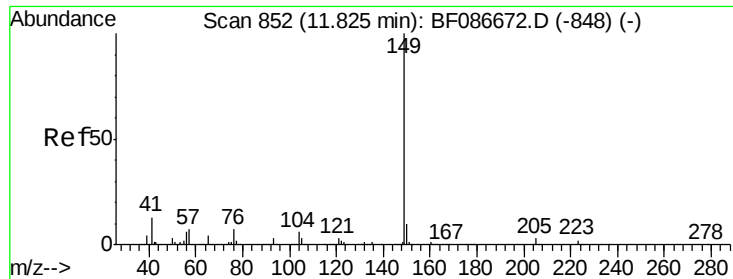
#72
 Carbazole
 Concen: 41.57 ng
 RT: 11.49 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF086676.D
 Acq: 4 May 2016 14:55

Tgt Ion:167 Resp: 1276268
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.7 26.5
 139 13.8 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: 36.17 ng

RT: 11.83 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

Instrument :

BNA_F

ClientSampleId :

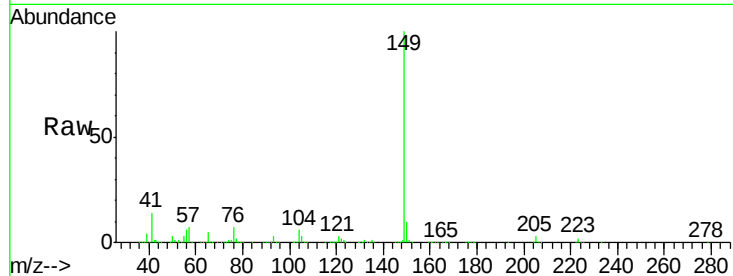
Tot Ion:149 Resp: 1318211

Ion Ratio Lower Upper

149 100

150 9.7 7.6 11.4

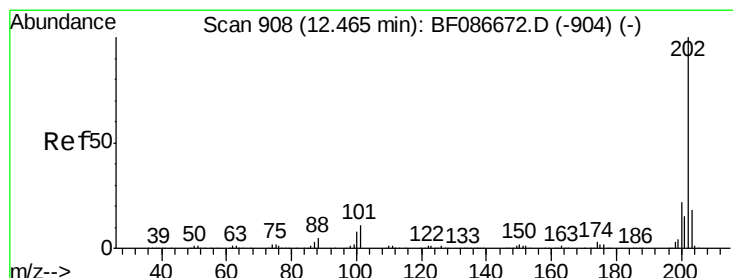
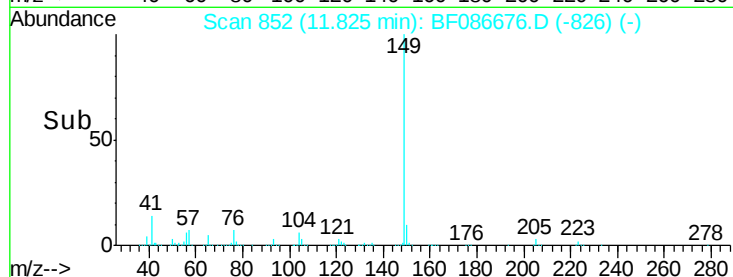
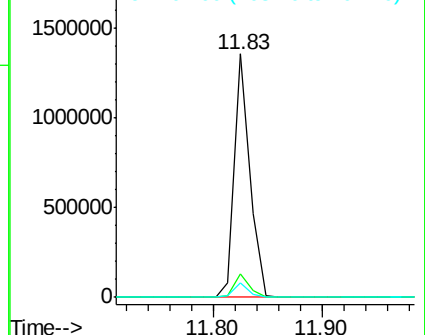
104 6.2 3.8 5.6#



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: 39.72 ng

RT: 12.47 min Scan# 908

Delta R.T. 0.00 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

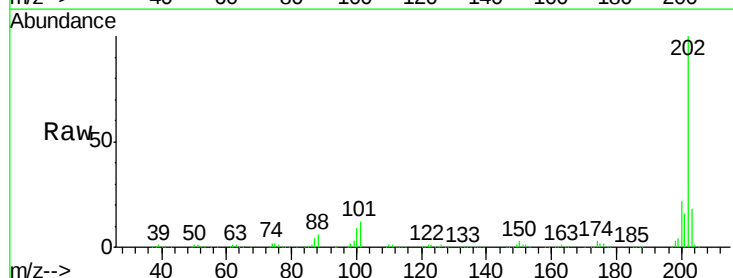
Tgt Ion:202 Resp: 1343874

Ion Ratio Lower Upper

202 100

101 12.4 0.0 35.4

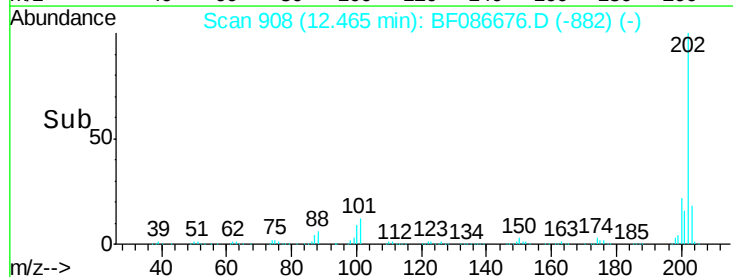
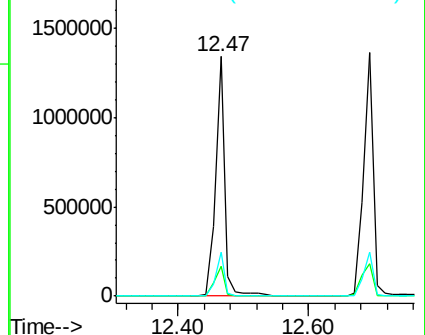
203 18.1 0.0 38.1

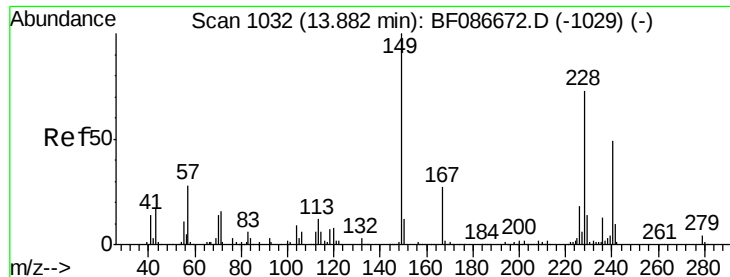


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 40.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. 0.01 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

Instrument :

BNA_F

ClientSampleId :

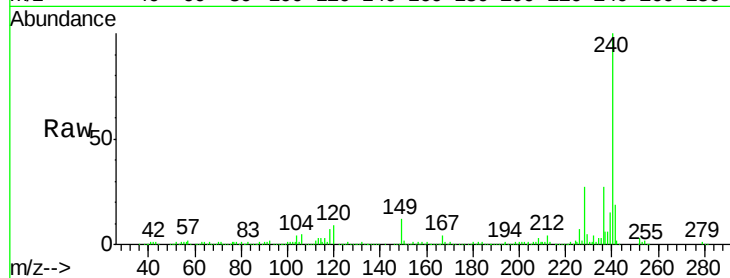
Tot Ion:240 Resp: 430606

Ion Ratio Lower Upper

240 100

120 8.6 11.2 16.8#

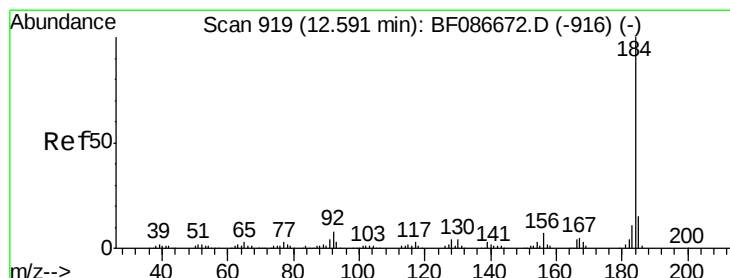
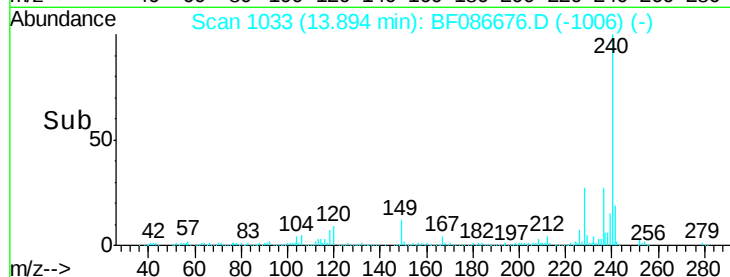
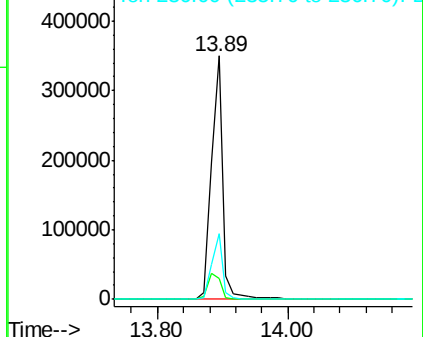
236 26.8 21.2 31.8



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: 43.86 ng

RT: 12.59 min Scan# 919

Delta R.T. 0.00 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

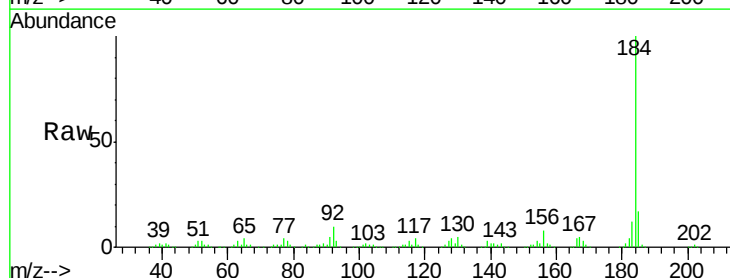
Tgt Ion:184 Resp: 508893

Ion Ratio Lower Upper

184 100

185 17.4 13.6 20.4

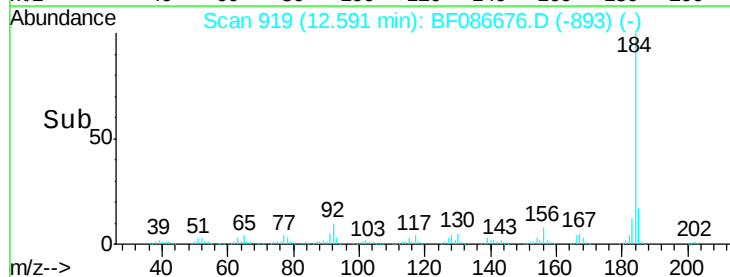
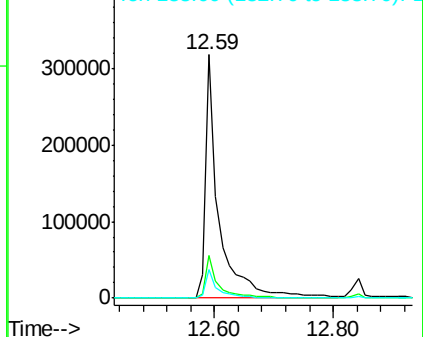
183 11.6 9.8 14.6

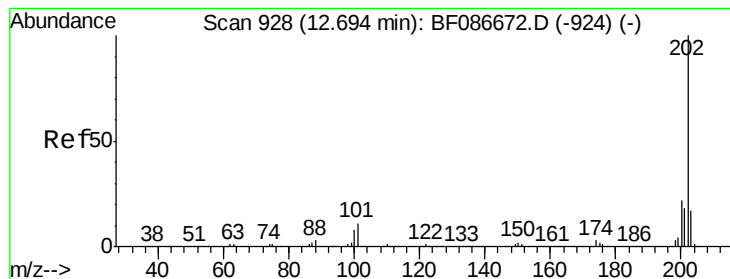


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 40.25 ng

RT: 12.69 min Scan# 928

Delta R.T. 0.00 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

Instrument :

BNA_F

ClientSampleId :

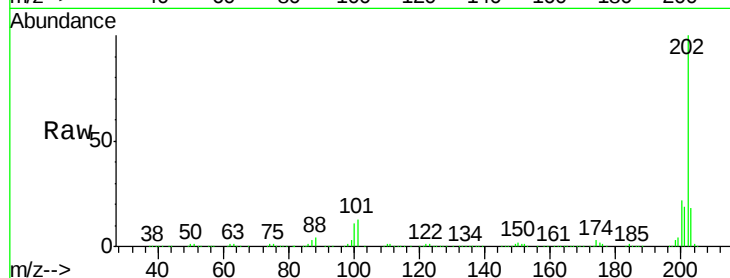
Tot Ion:202 Resp: 1381616

Ion Ratio Lower Upper

202 100

200 22.5 17.7 26.5

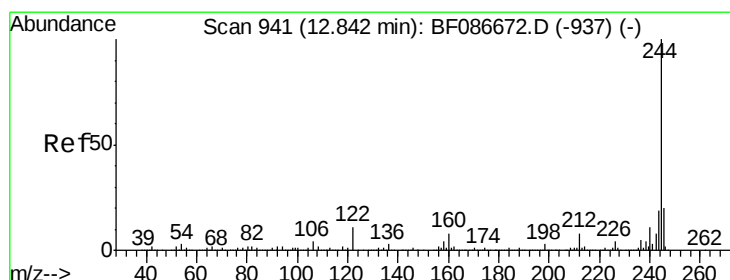
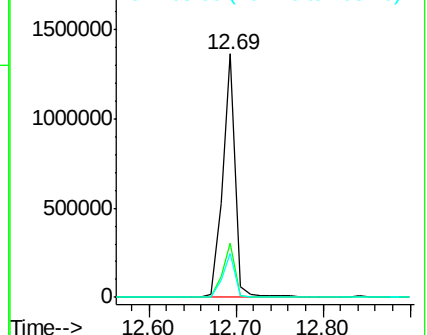
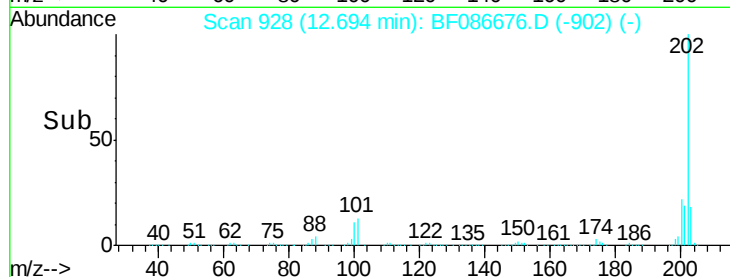
203 17.9 14.2 21.4



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: 74.00 ng

RT: 12.84 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

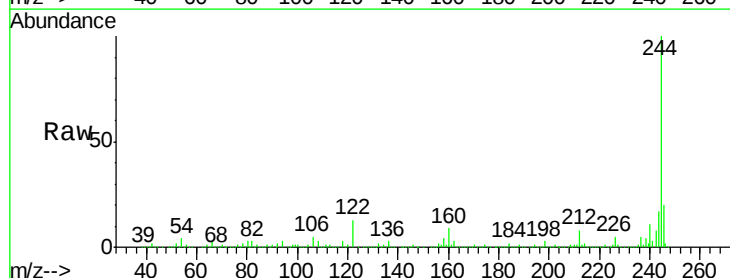
Tgt Ion:244 Resp: 1576633

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

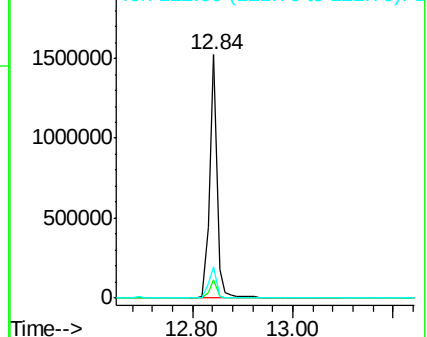
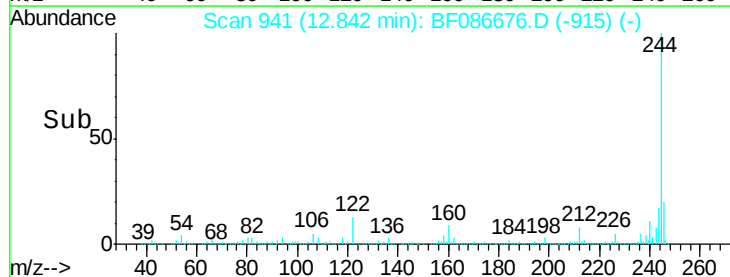
122 12.9 12.0 18.0

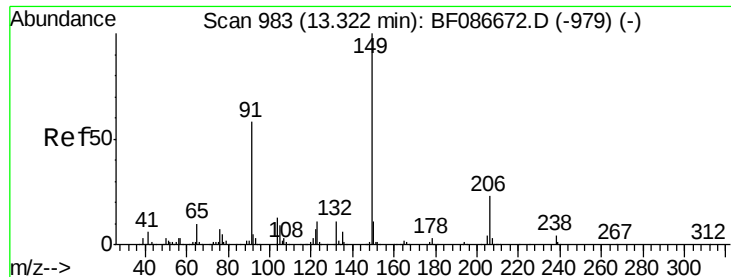


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

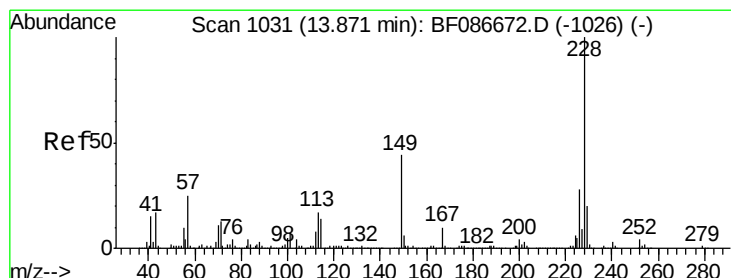
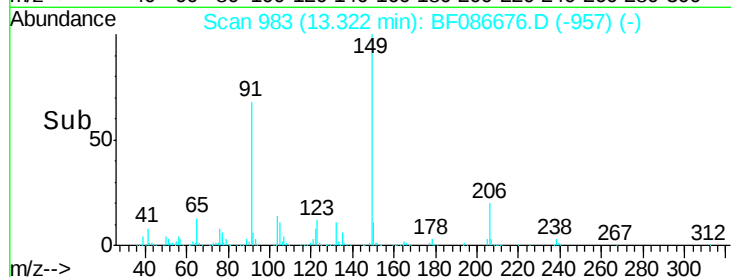
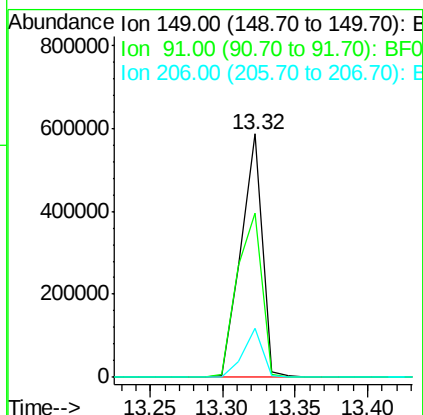
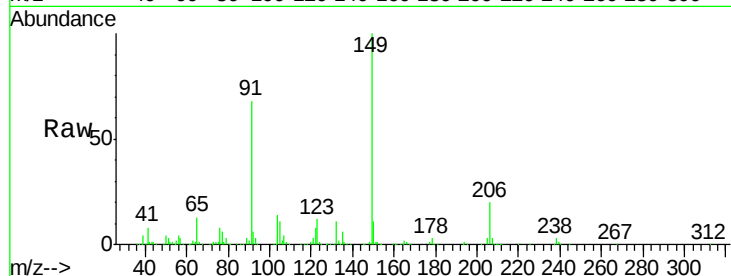




#79
Butylbenzylphthalate
Concen: 41.86 ng
RT: 13.32 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF086676.D
Acq: 4 May 2016 14:55

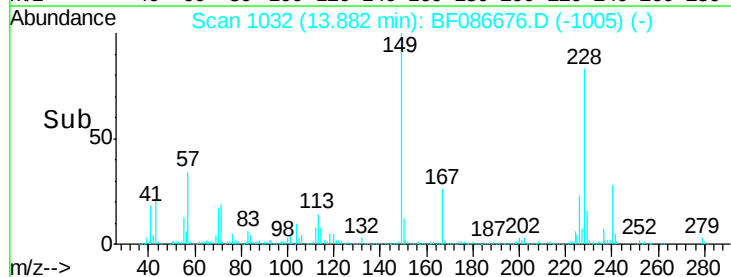
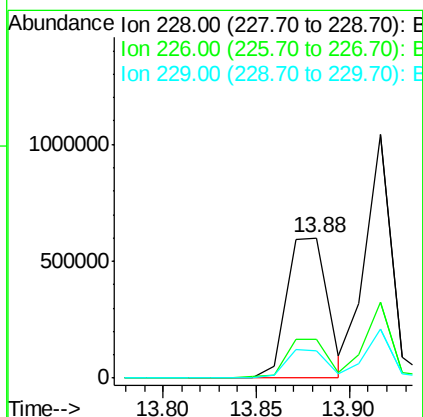
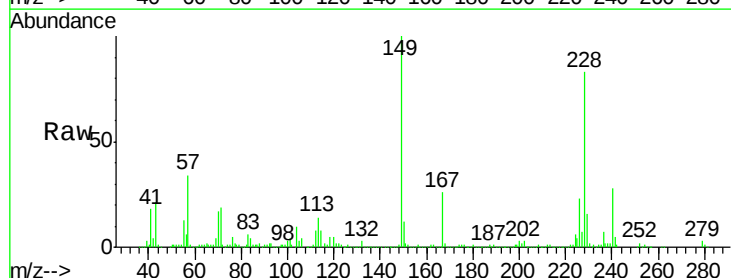
Instrument :
BNA_F
ClientSampleId :

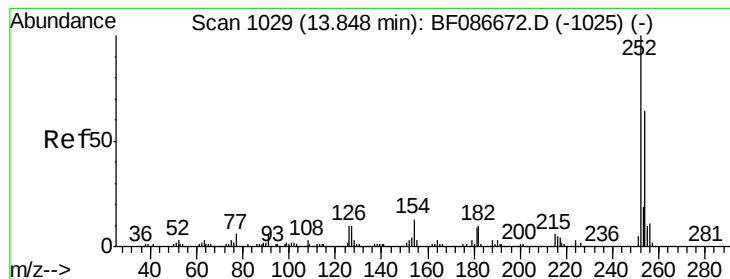
Tot Ion	Ratio	Lower	Upper
149	100		
91	67.6	48.0	72.0
206	20.3	15.8	23.6



#80
Benzo(a)anthracene
Concen: 37.76 ng
RT: 13.88 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BF086676.D
Acq: 4 May 2016 14:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.5	33.7
229	19.7	16.6	25.0





#81

3,3'-Dichlorobenzidine

Concen: 38.70 ng

RT: 13.85 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

Instrument :

BNA_F

ClientSampleId :

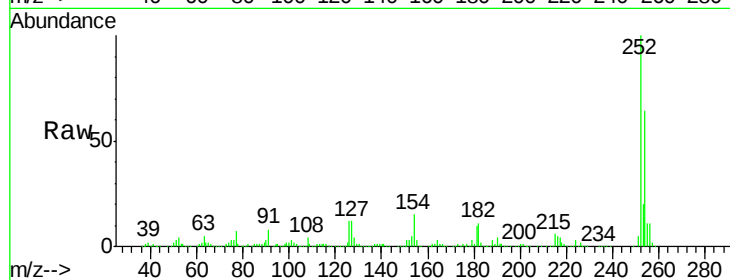
Tot Ion:252 Resp: 592234

Ion Ratio Lower Upper

252 100

254 63.6 50.7 76.1

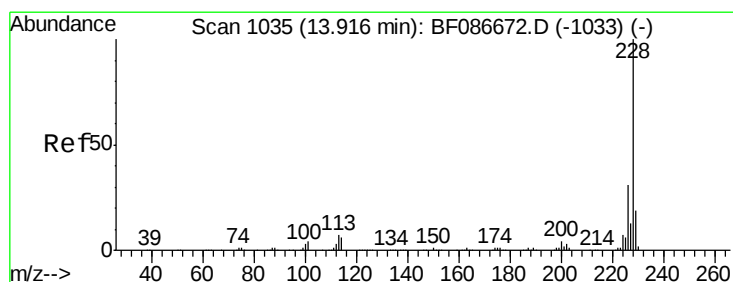
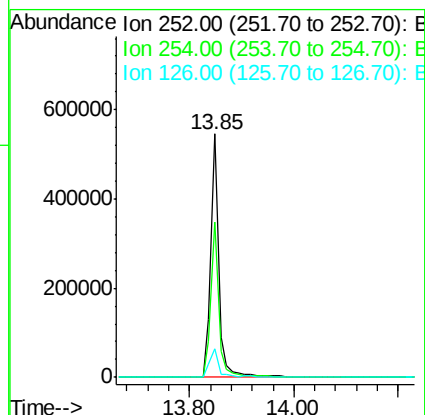
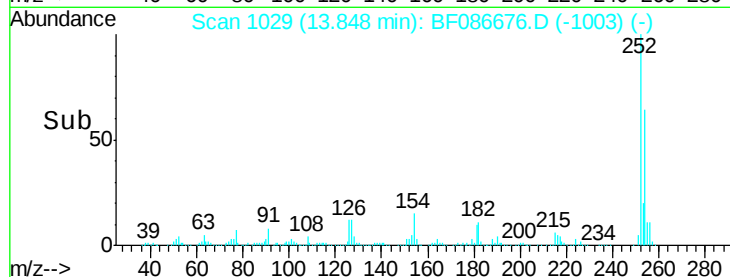
126 11.9 12.7 19.1#



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: 41.24 ng

RT: 13.92 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

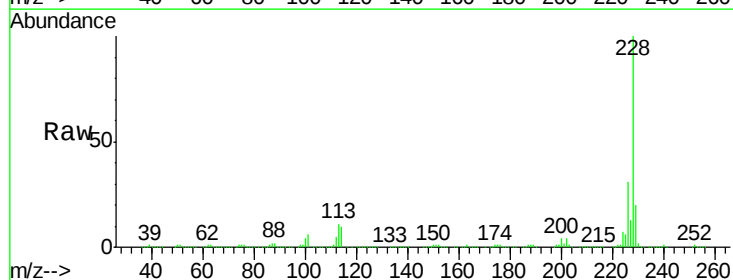
Tgt Ion:228 Resp: 1071366

Ion Ratio Lower Upper

228 100

226 31.1 24.4 36.6

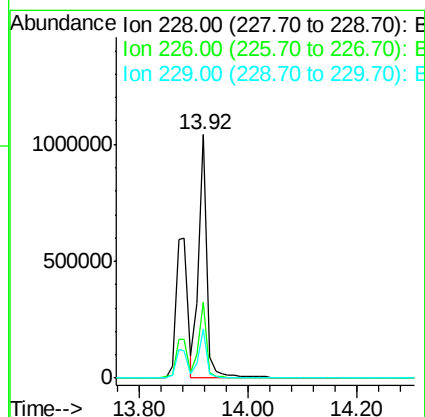
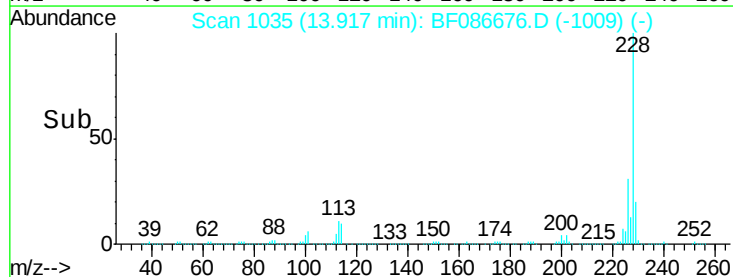
229 19.9 15.8 23.8

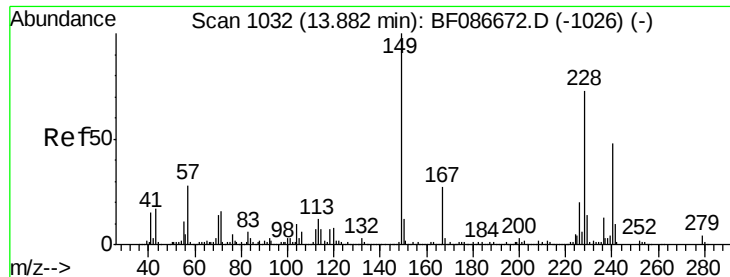


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.43 ng

RT: 13.88 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

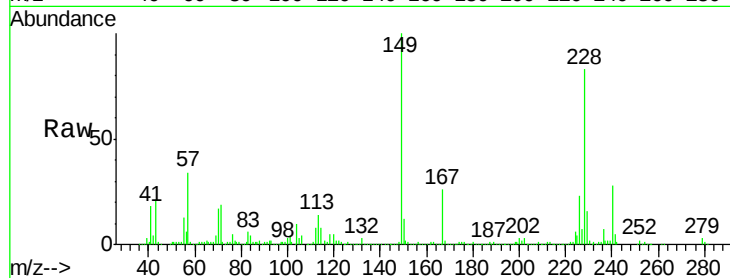
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 689375

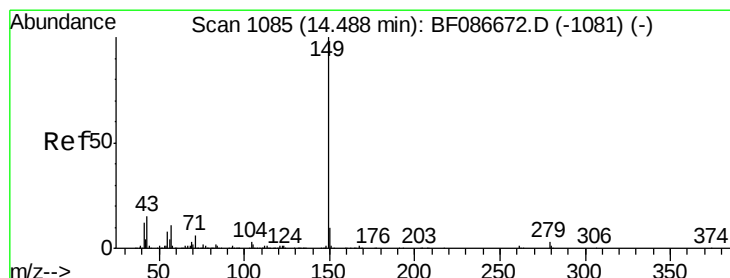
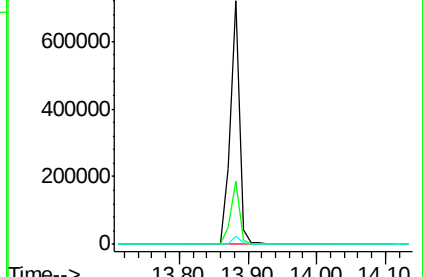
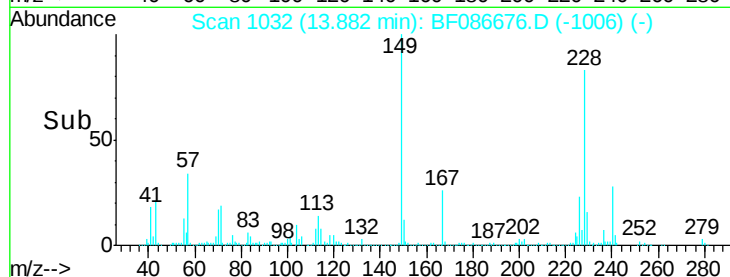
Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.8	32.6
279	3.4	2.6	4.0



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: 41.99 ng

RT: 14.49 min Scan# 1085

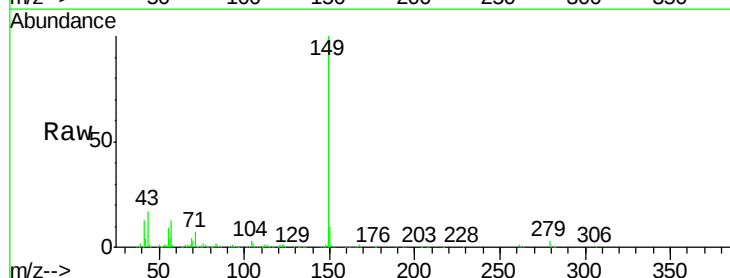
Delta R.T. 0.00 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

Tgt Ion:149 Resp: 1028129

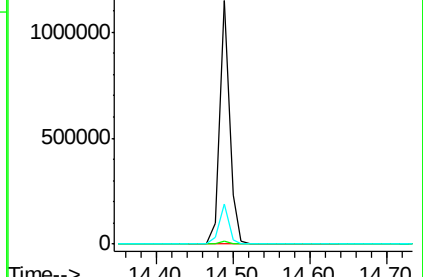
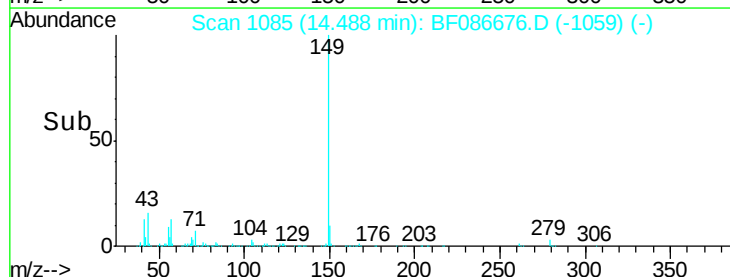
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	16.3	8.2	12.4#

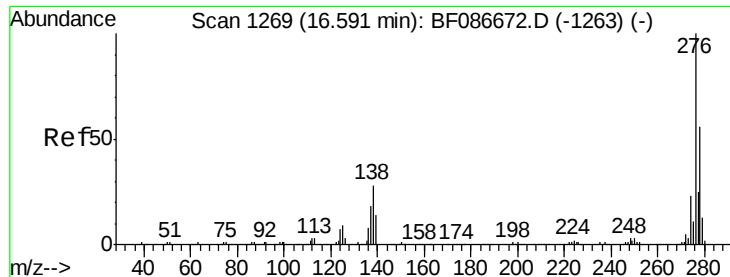


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

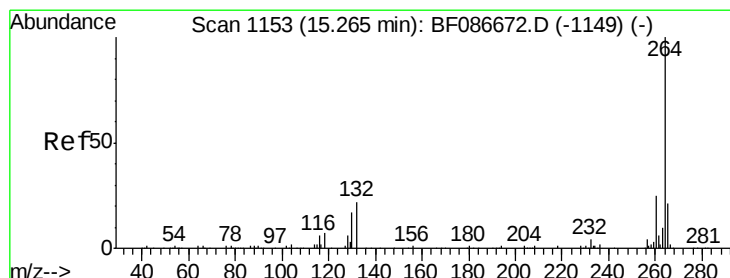
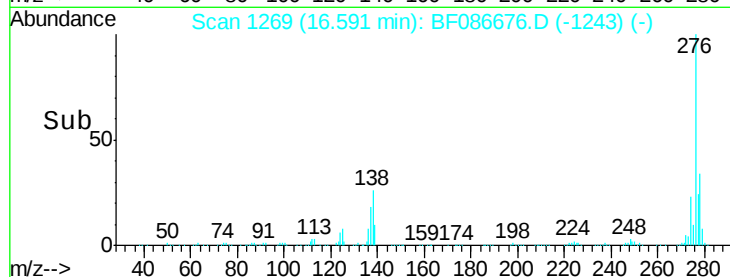
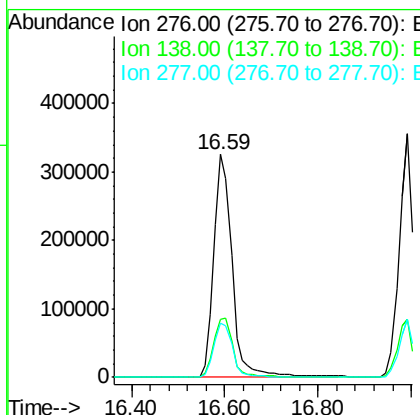
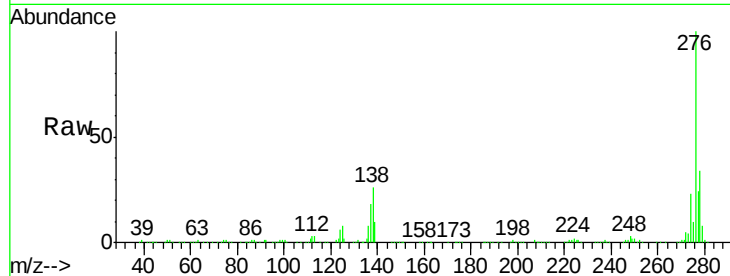




#85
Indeno(1,2,3-cd)pyrene
Concen: 40.05 ng
RT: 16.59 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BF086676.D
Acq: 4 May 2016 14:55

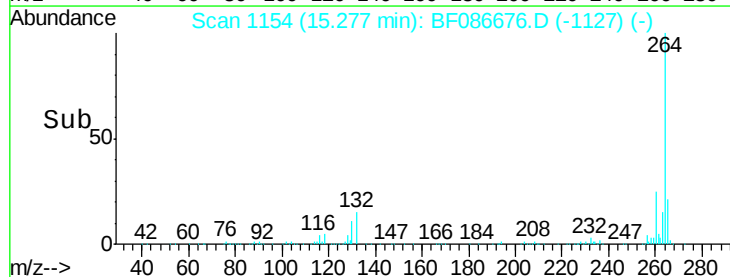
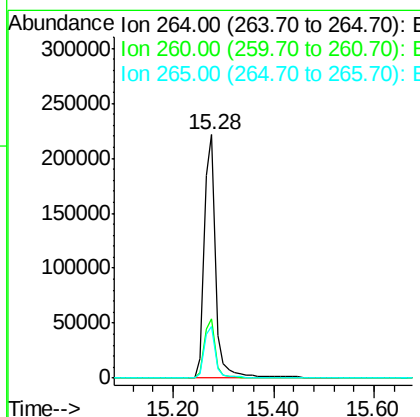
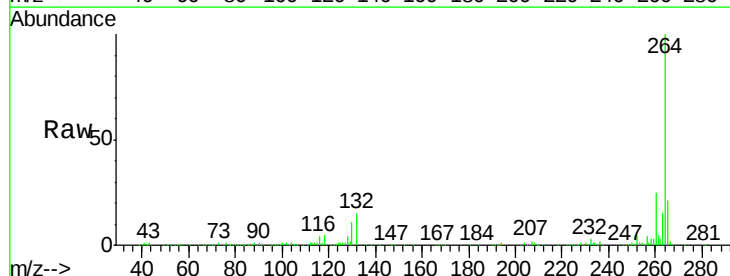
Instrument :
BNA_F
ClientSampled :

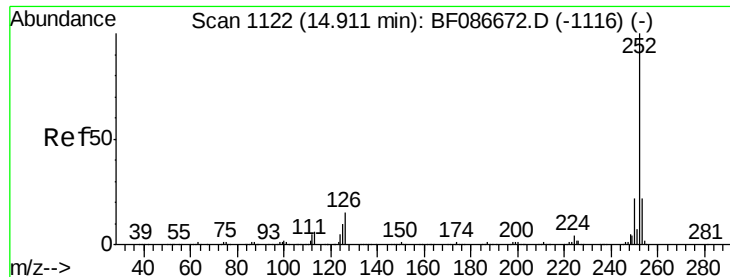
Tot Ion:276 Resp: 892778
Ion Ratio Lower Upper
276 100
138 28.5 25.6 38.4
277 25.4 20.5 30.7



#86
Perylene-d12
Concen: 40.00 ng
RT: 15.28 min Scan# 1154
Delta R.T. 0.01 min
Lab File: BF086676.D
Acq: 4 May 2016 14:55

Tgt Ion:264 Resp: 352003
Ion Ratio Lower Upper
264 100
260 24.6 19.5 29.3
265 21.3 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 75.31 ng

RT: 14.91 min Scan# 1122

Delta R.T. 0.02 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

Instrument :

BNA_F

ClientSampled :

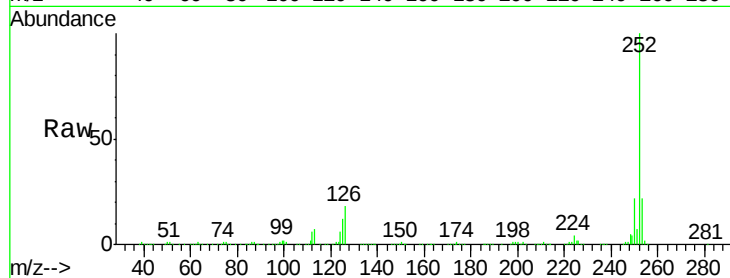
Tot Ion:252 Resp: 1592877

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

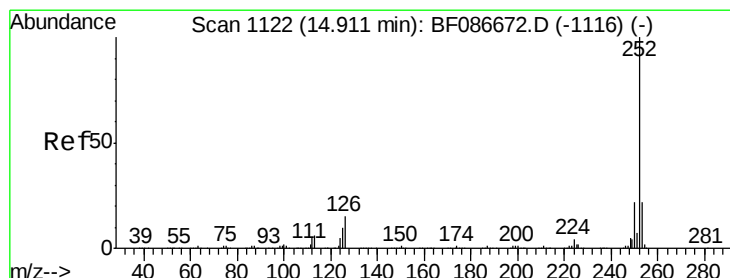
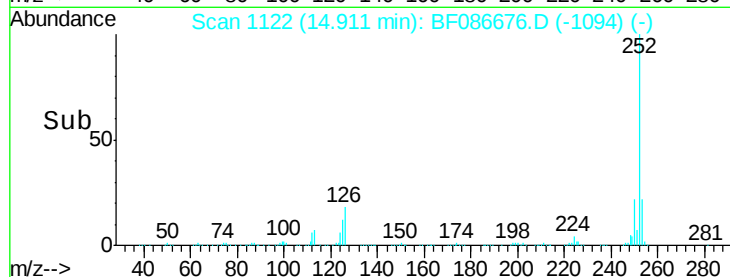
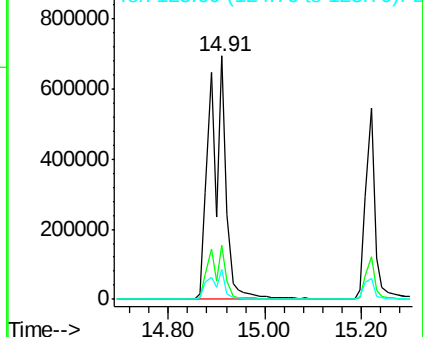
125 12.1 11.4 17.0



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: 80.04 ng

RT: 14.91 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

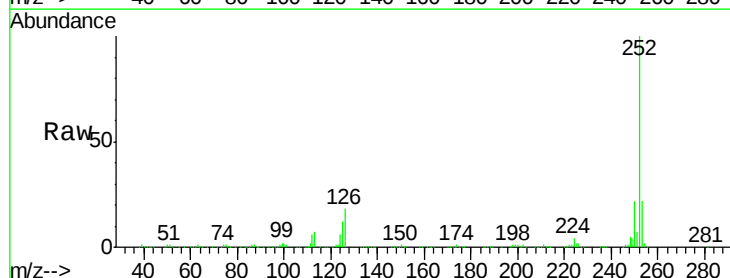
Tgt Ion:252 Resp: 1595099

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

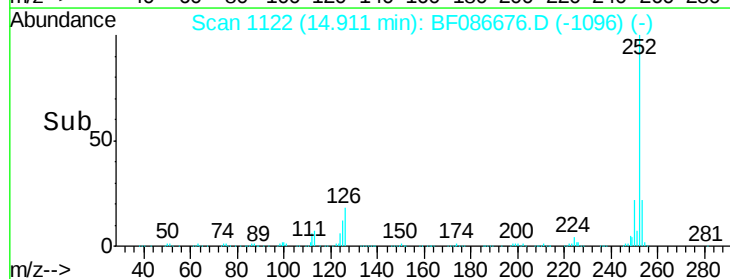
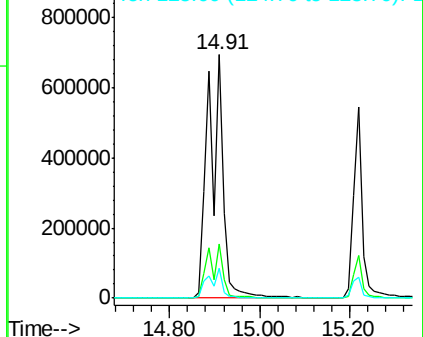
125 12.1 9.1 13.7

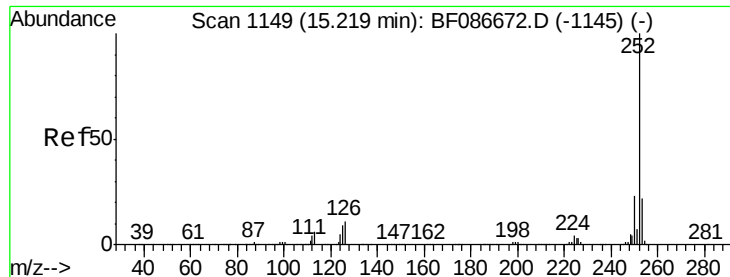


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.32 ng

RT: 15.22 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

Instrument :

BNA_F

ClientSampleId :

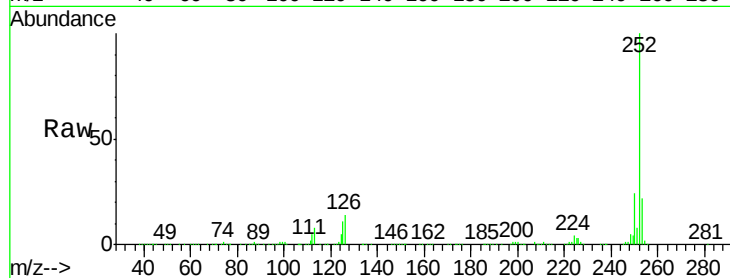
Tot Ion:252 Resp: 746525

Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

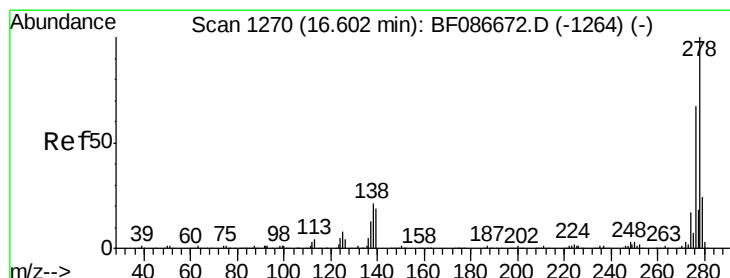
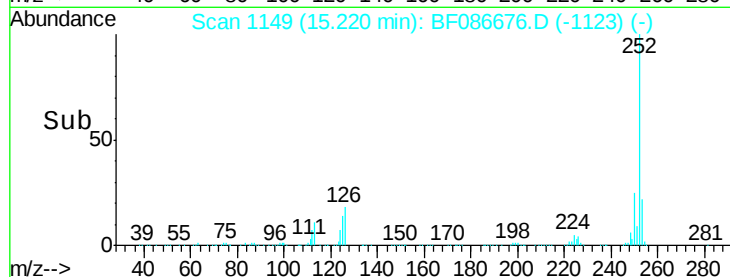
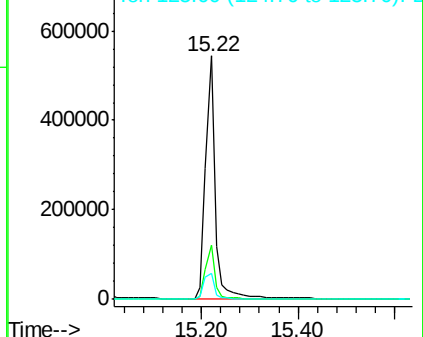
125 10.8 9.0 13.6



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: 39.42 ng

RT: 16.61 min Scan# 1271

Delta R.T. 0.01 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

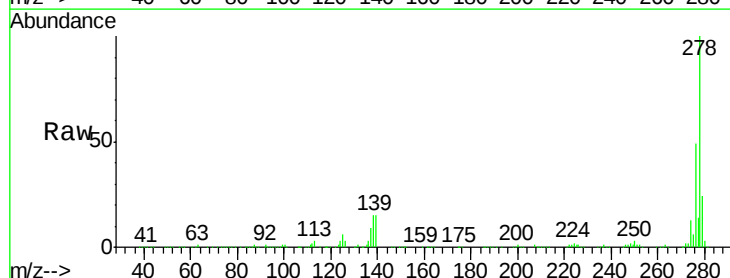
Tgt Ion:278 Resp: 737678

Ion Ratio Lower Upper

278 100

139 15.4 16.6 24.8#

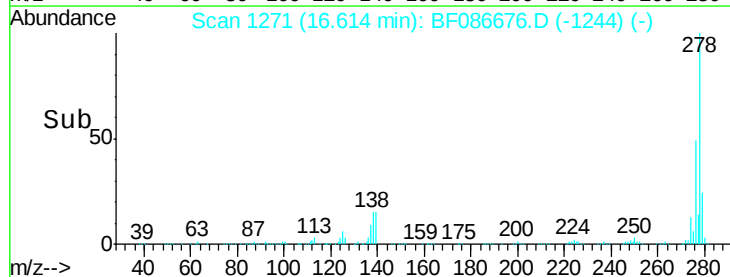
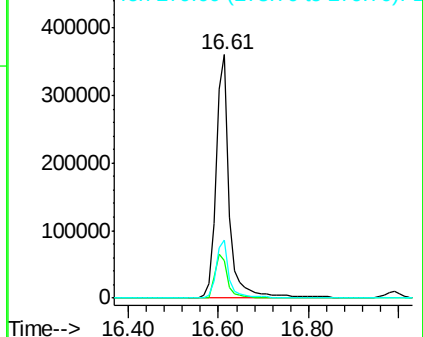
279 23.9 19.6 29.4

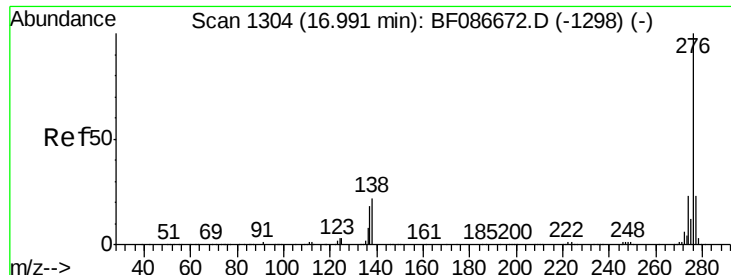


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

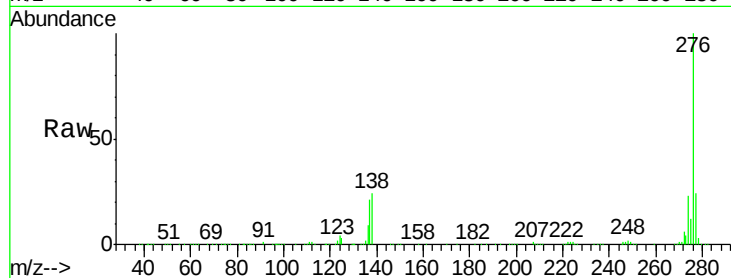




#91
 Benzo(a,h,i)perylene
 Concen: 39.12 ng
 RT: 16.99 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: BF086676.D
 Acq: 4 May 2016 14:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.6	29.4
138	23.9	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

