

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040416\
 Data File : BF086036.D
 Acq On : 4 Apr 2016 14:07
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Apr 05 00:53:31 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	137348	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	568406	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	267537	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	520724	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	398893	20.00	ng	0.00
86) Perylene-d12	15.32	264	336655	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	668562	83.20	ng	-0.01
7) Phenol-d6	6.41	99	785407	76.95	ng	-0.01
23) Nitrobenzene-d5	7.33	82	730939	75.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	194143	77.31	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1205064	74.89	ng	-0.01
78) Terphenyl-d14	12.87	244	1208477	71.22	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.28	88	154975	40.68	ng	100
3) Pyridine	2.99	79	355124	41.64	ng	98
4) n-Nitrosodimethylamine	2.94	42	158842	42.36	ng	99
6) Aniline	6.43	93	542560	40.52	ng	# 87
8) 2-Chlorophenol	6.54	128	365992	38.19	ng	91
9) Benzaldehyde	6.32	77	213780	38.93	ng	92
10) Phenol	6.42	94	434001	37.28	ng	# 72
11) bis(2-Chloroethyl)ether	6.50	93	375091	40.68	ng	94
12) 1,3-Dichlorobenzene	6.70	146	402537	39.63	ng	97
13) 1,4-Dichlorobenzene	6.78	146	412359	39.41	ng	93
14) 1,2-Dichlorobenzene	6.93	146	380548	39.51	ng	98
15) Benzyl Alcohol	6.92	79	257752	39.03	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.05	45	427804	37.98	ng	88
17) 2-Methylphenol	7.04	107	308572	40.84	ng	96
18) Hexachloroethane	7.28	117	152087	39.52	ng	94
19) n-Nitroso-di-n-propylamine	7.18	70	228839	36.17	ng	93
20) 3+4-Methylphenols	7.20	107	368093	40.06	ng	# 65
22) Acetophenone	7.18	105	509950	38.16	ng	# 94
24) Nitrobenzene	7.36	77	426518	40.45	ng	93
25) Isophorone	7.60	82	751150	39.48	ng	97
26) 2-Nitrophenol	7.68	139	211252	41.87	ng	# 90
27) 2,4-Dimethylphenol	7.71	122	344556	38.02	ng	99
28) bis(2-Chloroethoxy)methane	7.80	93	419267	37.56	ng	97
29) 2,4-Dichlorophenol	7.92	162	301105	39.31	ng	99
30) 1,2,4-Trichlorobenzene	8.00	180	334904	38.95	ng	95
31) Naphthalene	8.08	128	1106307	38.69	ng	99
32) Benzoic acid	7.87	122	249984	37.60	ng	98
33) 4-Chloroaniline	8.13	127	452856	39.21	ng	98
34) Hexachlorobutadiene	8.19	225	180182	38.98	ng	98
35) Caprolactam	8.51	113	104519	43.01	ng	99
36) 4-Chloro-3-methylphenol	8.61	107	339483	39.42	ng	92
37) 2-Methylnaphthalene	8.76	142	663482	35.52	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	319082	39.68	ng	100
40) Hexachlorocyclopentadiene	8.91	237	95052	41.76	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	210871	40.84	ng	99
43) 2,4,5-Trichlorophenol	9.09	196	206095	39.31	ng	96
45) 1,1'-Biphenyl	9.23	154	897746	38.92	ng	95
46) 2-Chloronaphthalene	9.25	162	671755	40.17	ng	96
47) 2-Nitroaniline	9.36	65	216233	44.20	ng	97
48) Acenaphthylene	9.66	152	1022169	38.16	ng	99
49) Dimethylphthalate	9.54	163	812513	40.98	ng	99
50) 2,6-Dinitrotoluene	9.60	165	158076	37.68	ng	99
51) Acenaphthene	9.84	154	604078	37.92	ng	99
52) 3-Nitroaniline	9.77	138	189722	37.52	ng	99
53) 2,4-Dinitrophenol	9.88	184	89002	41.91	ng	# 85
54) Dibenzofuran	10.01	168	761845	36.21	ng	99
55) 4-Nitrophenol	9.94	139	134084	44.98	ng	86
56) 2,4-Dinitrotoluene	10.01	165	222715	42.01	ng	# 74
57) Fluorene	10.35	166	685219	38.13	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	161805	41.45	ng	95
59) Diethylphthalate	10.22	149	739052	36.93	ng	97
60) 4-Chlorophenyl-phenylether	10.34	204	308767	36.88	ng	98
61) 4-Nitroaniline	10.38	138	198970	39.96	ng	92
62) Azobenzene	10.50	77	742042	38.71	ng	97
64) 4,6-Dinitro-2-methylphenol	10.42	198	128656	40.77	ng	# 63
65) n-Nitrosodiphenylamine	10.46	169	608369	37.36	ng	99
66) 4-Bromophenyl-phenylether	10.83	248	203174	38.22	ng	97
67) Hexachlorobenzene	10.90	284	219631	39.95	ng	# 91
68) Atrazine	10.99	200	206051	39.16	ng	96
69) Pentachlorophenol	11.09	266	102441	39.76	ng	98
70) Phenanthrene	11.31	178	1062518	37.40	ng	99
71) Anthracene	11.36	178	1058772	35.58	ng	99
72) Carbazole	11.52	167	889709	34.78	ng	99
73) Di-n-butylphthalate	11.85	149	1131981	35.71	ng	99
74) Fluoranthene	12.50	202	1099609	37.22	ng	91
76) Benzidine	12.63	184	479568	34.08	ng	98
77) Pyrene	12.73	202	1102233	39.21	ng	100
79) Butylbenzylphthalate	13.35	149	503928	39.81	ng	97
80) Benzo(a)anthracene	13.91	228	899512	38.26	ng	99
81) 3,3'-Dichlorobenzidine	13.88	252	713518	41.55	ng	# 95
82) Chrysene	13.95	228	929870	41.06	ng	100
83) Bis(2-ethylhexyl)phthalate	13.89	149	635942	37.86	ng	99
84) Di-n-octyl phthalate	14.51	149	1118117	41.68	ng	99
85) Indeno(1,2,3-cd)pyrene	16.68	276	665633	36.22	ng	99
87) Benzo(b)fluoranthene	14.96	252	1591719	75.16	ng	98
88) Benzo(k)fluoranthene	14.96	252	1592081	84.89	ng	99
89) Benzo(a)pyrene	15.27	252	713689	38.04	ng	99
90) Dibenzo(a,h)anthracene	16.68	278	548507	36.33	ng	98
91) Benzo(g,h,i)perylene	17.08	276	534835	36.61	ng	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

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SSTDCCC040

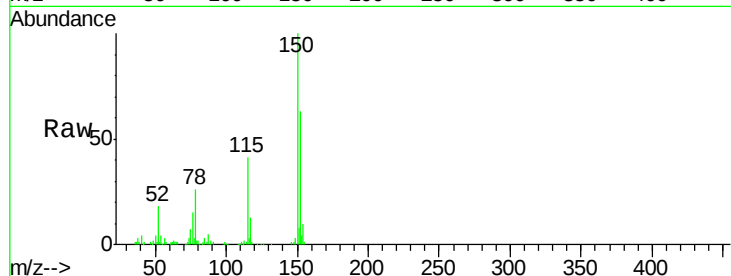
Tgt Ion:152 Resp: 137348

Ion Ratio Lower Upper

152 100

150 159.0 124.2 186.2

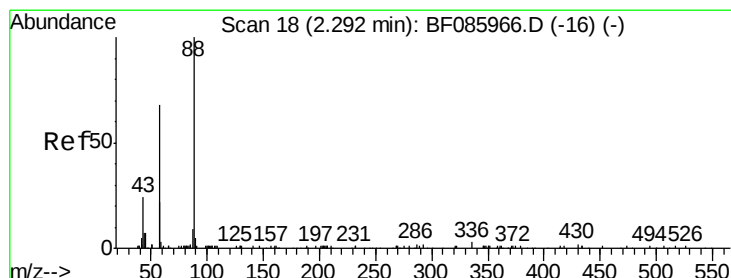
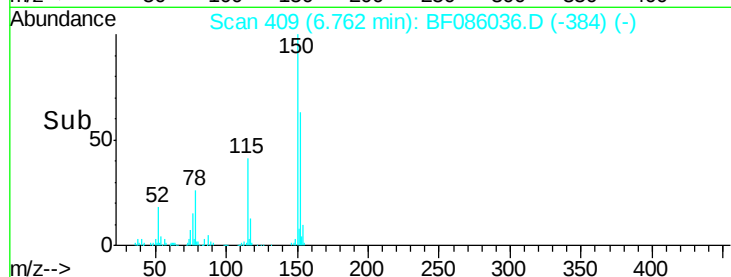
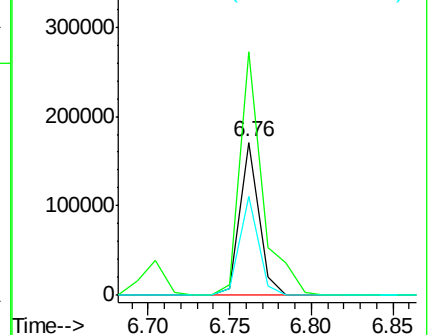
115 65.0 47.0 70.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.68 ng

RT: 2.28 min Scan# 17

Delta R.T. -0.01 min

Lab File: BF086036.D

Acq: 4 Apr 2016 14:07

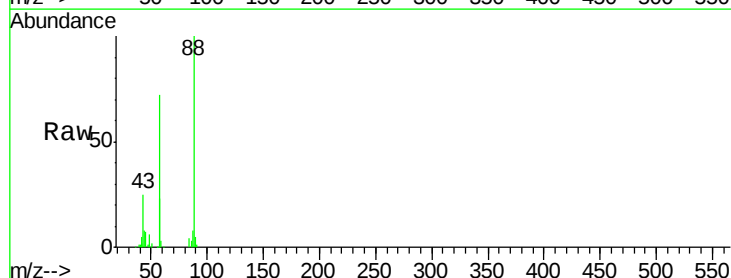
Tgt Ion: 88 Resp: 154975

Ion Ratio Lower Upper

88 100

58 67.8 54.2 81.2

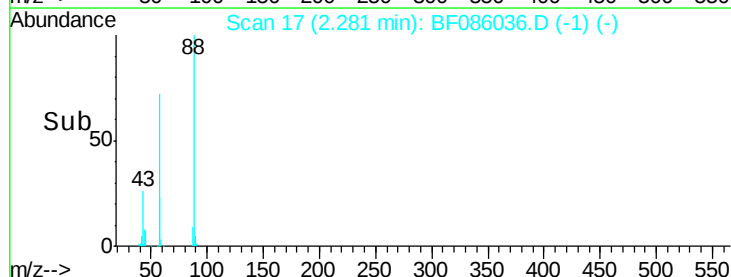
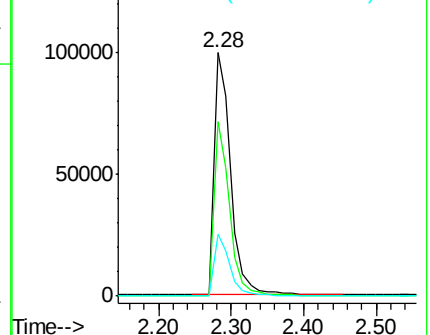
43 24.2 19.3 28.9



Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 41.64 ng

RT: 2.99 min Scan# 79

Delta R.T. -0.01 min

Lab File: BF086036.D

Acq: 4 Apr 2016 14:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

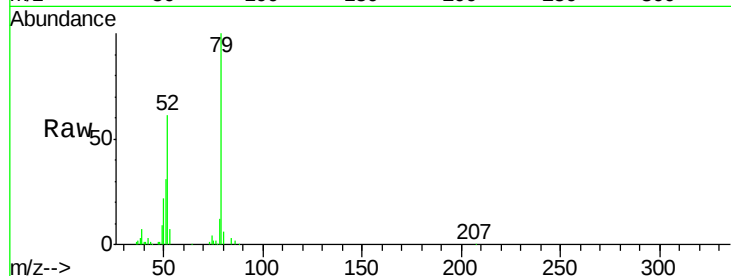
Tgt Ion: 79 Resp: 355124

Ion Ratio Lower Upper

79 100

52 60.6 49.8 74.6

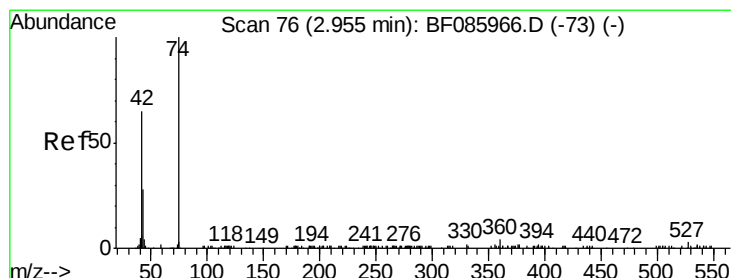
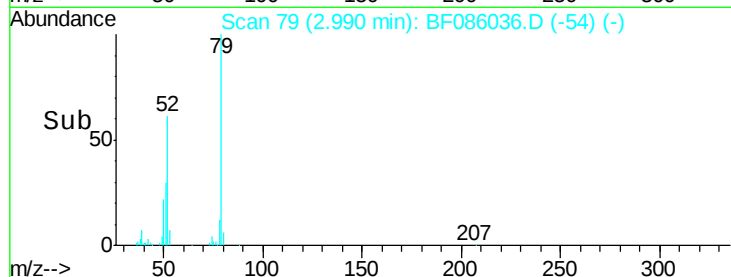
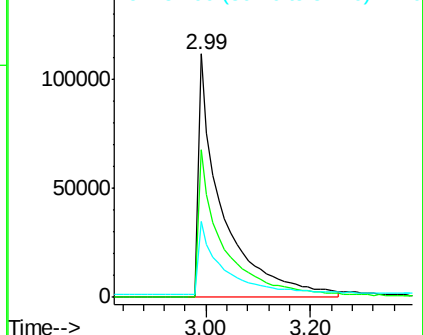
51 31.4 24.7 37.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 42.36 ng

RT: 2.94 min Scan# 75

Delta R.T. -0.01 min

Lab File: BF086036.D

Acq: 4 Apr 2016 14:07

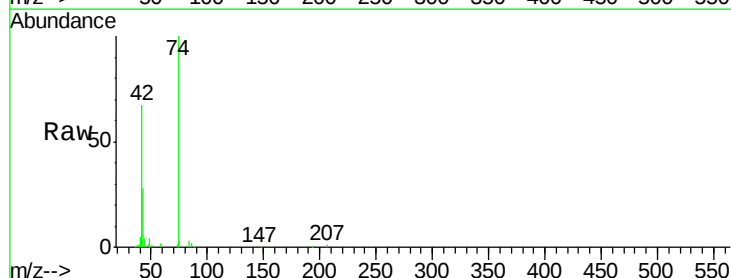
Tgt Ion: 42 Resp: 158842

Ion Ratio Lower Upper

42 100

74 150.2 121.4 182.2

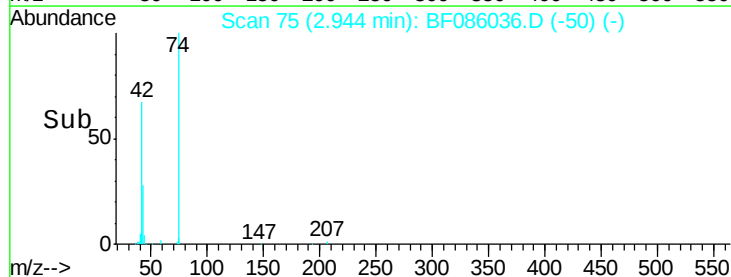
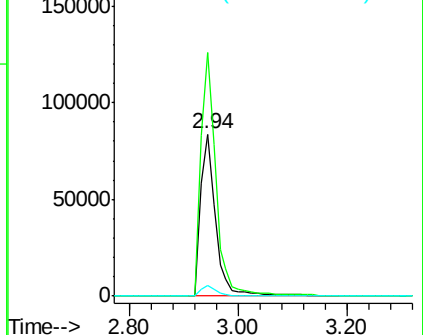
44 6.6 5.6 8.4

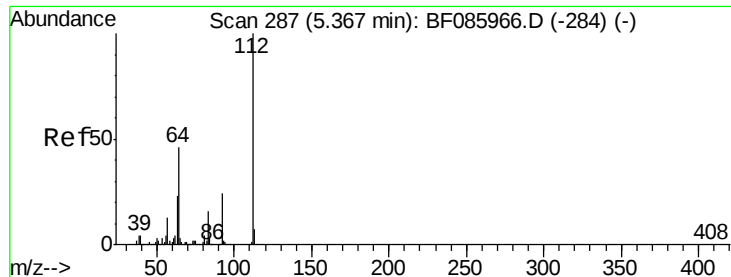


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 83.20 ng

RT: 5.36 min Scan# 286

Delta R.T. -0.01 min

Lab File: BF086036.D

Acq: 4 Apr 2016 14:07

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SSTDCCC040

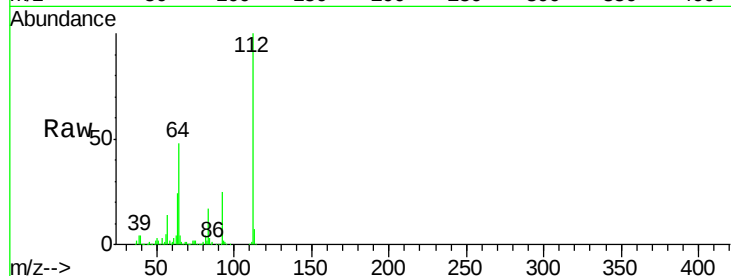
Tgt Ion: 112 Resp: 668562

Ion Ratio Lower Upper

112 100

64 48.1 39.9 59.9

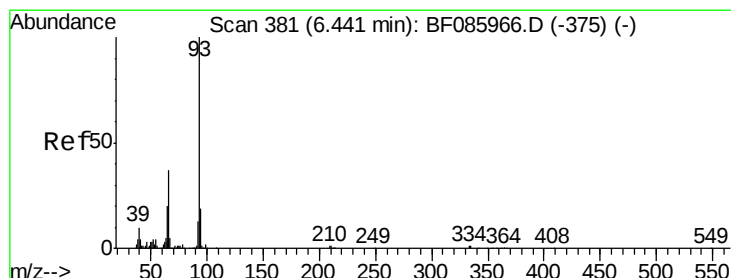
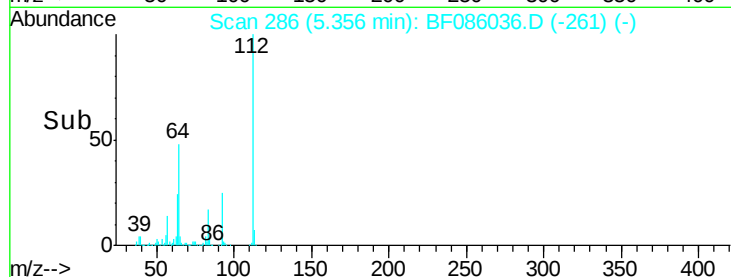
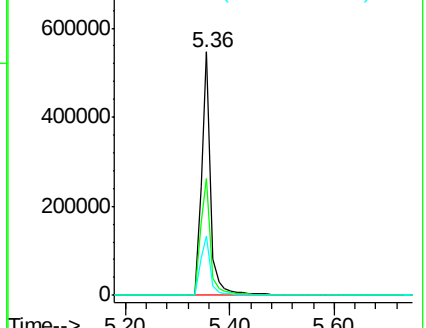
63 24.2 20.2 30.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 40.52 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF086036.D

Acq: 4 Apr 2016 14:07

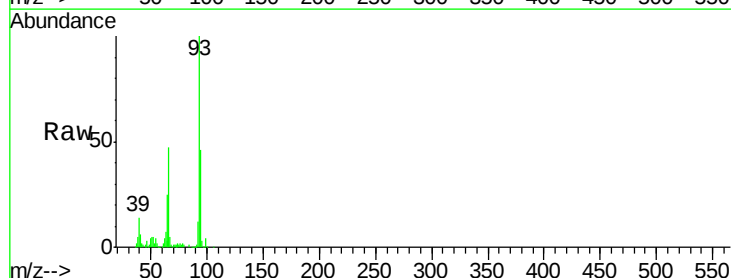
Tgt Ion: 93 Resp: 542560

Ion Ratio Lower Upper

93 100

66 46.9 31.4 47.2

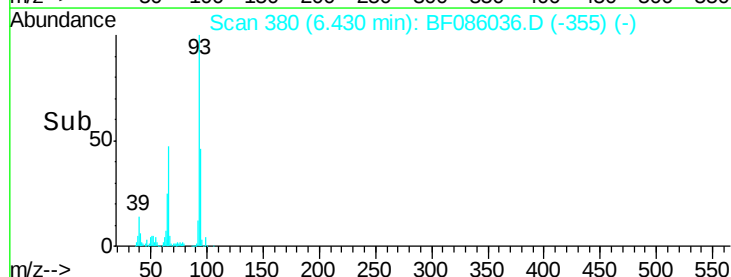
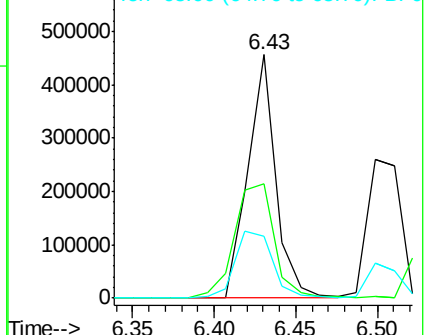
65 25.4 15.7 23.5#

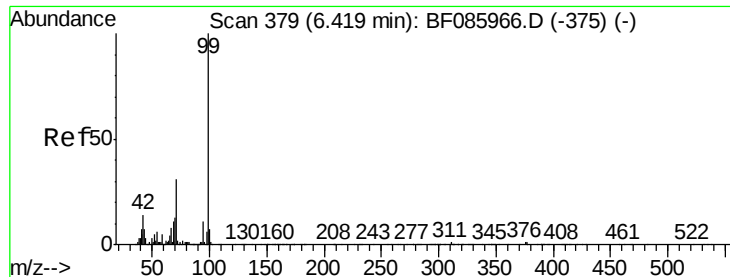


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 76.95 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

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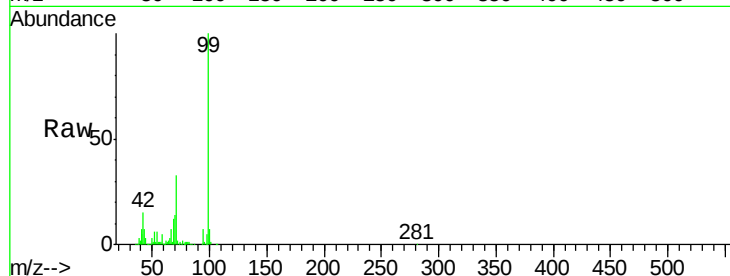
Tgt Ion: 99 Resp: 785407

Ion Ratio Lower Upper

99 100

42 15.3 11.1 16.7

71 32.6 24.9 37.3



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0

6.41

800000

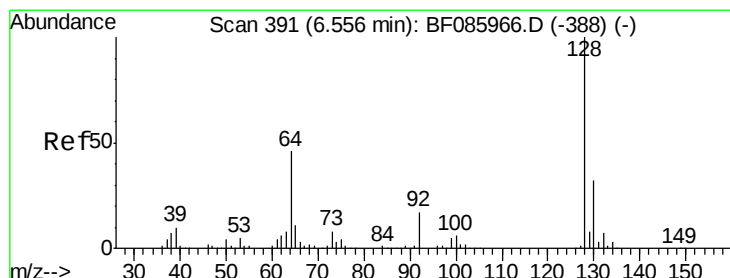
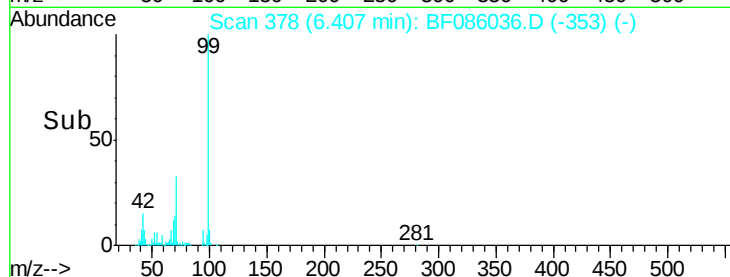
600000

400000

200000

0

Time-->



#8

2-Chlorophenol

Concen: 38.19 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF086036.D

Acq: 4 Apr 2016 14:07

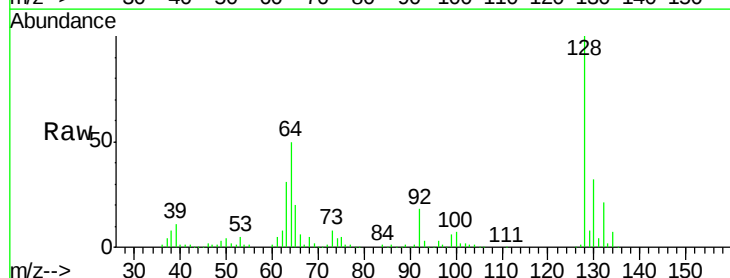
Tgt Ion: 128 Resp: 365992

Ion Ratio Lower Upper

128 100

130 32.0 12.9 52.9

64 49.8 20.2 60.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0

6.54

400000

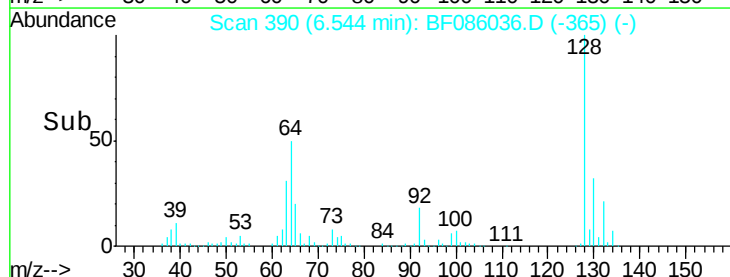
300000

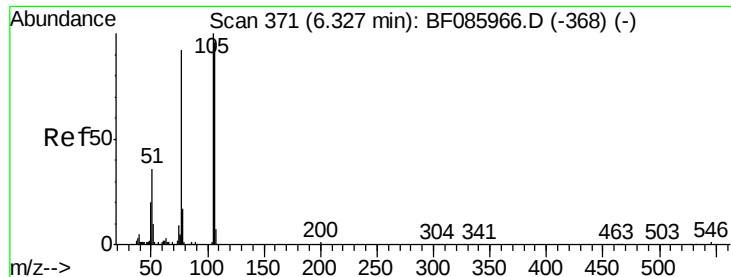
200000

100000

0

Time-->





#9

Benzaldehyde

Concen: 38.93 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.01 min

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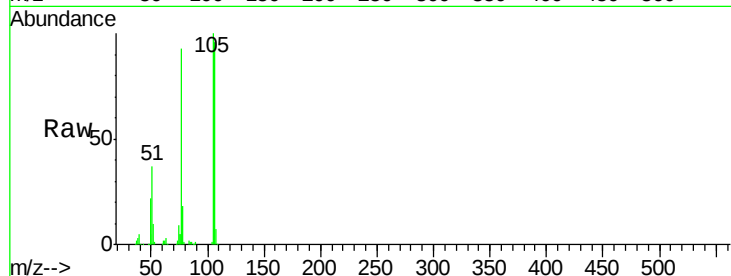
Tgt Ion: 77 Resp: 213780

Ion Ratio Lower Upper

77 100

105 107.7 80.1 120.1

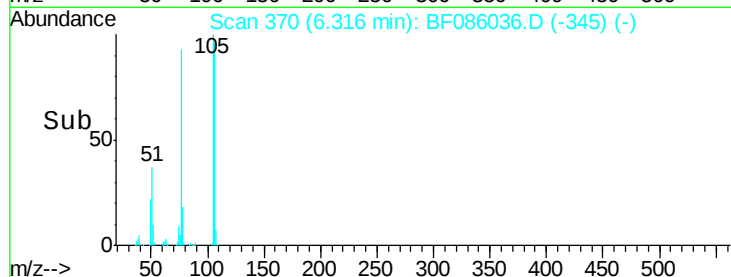
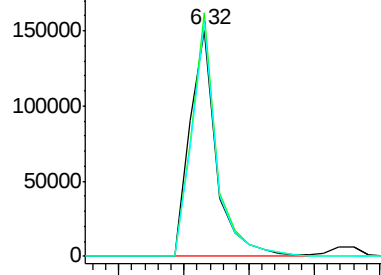
106 103.8 75.0 115.0



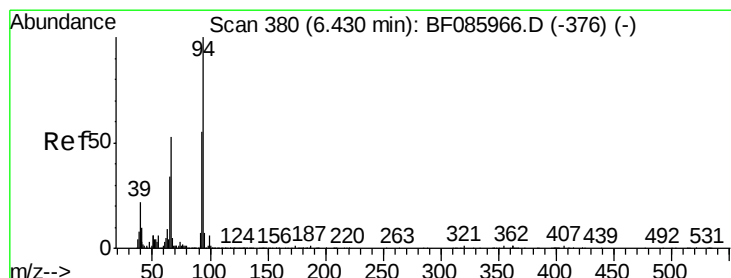
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



Time-->



#10

Phenol

Concen: 37.28 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF086036.D

Acq: 4 Apr 2016 14:07

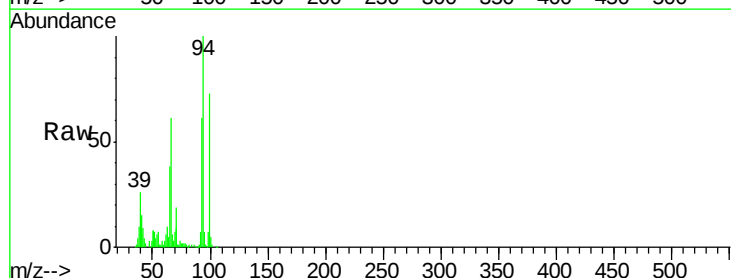
Tgt Ion: 94 Resp: 434001

Ion Ratio Lower Upper

94 100

65 38.3 8.6 48.6

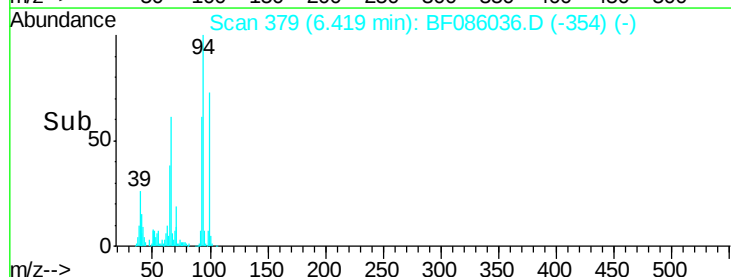
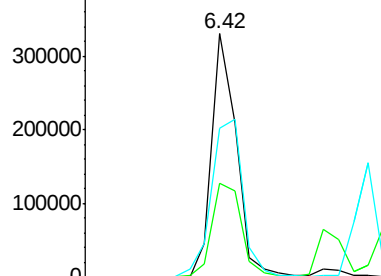
66 61.4 20.0 60.0#

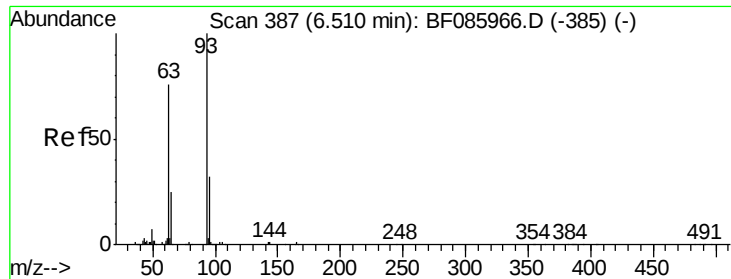


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

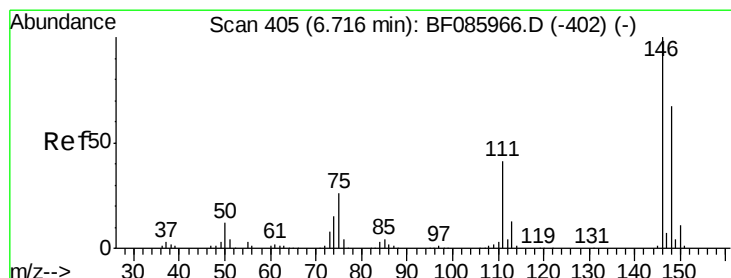
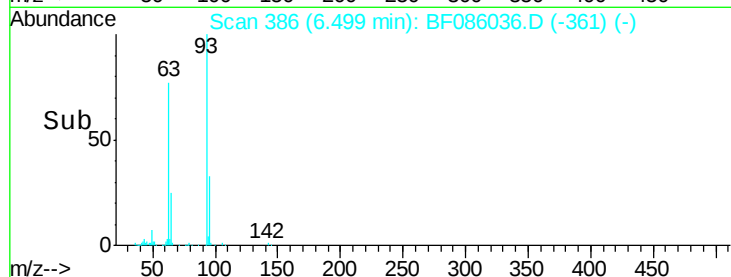
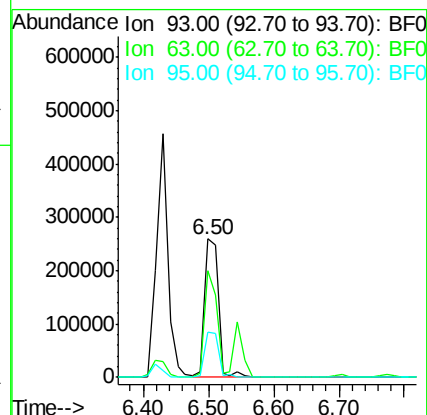
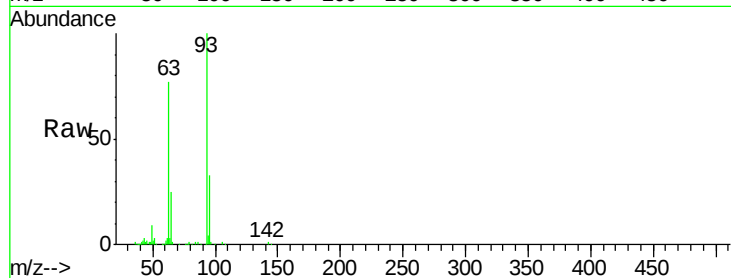




#11
bis(2-Chloroethyl)ether
Concen: 40.68 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.01 min
Lab File: BF086036.D
Acq: 4 Apr 2016 14:07

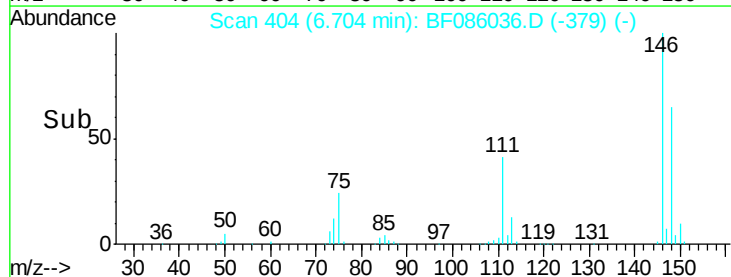
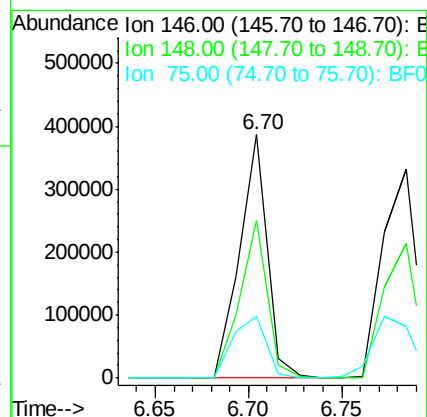
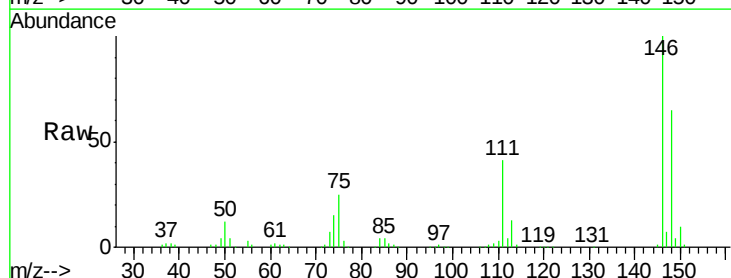
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

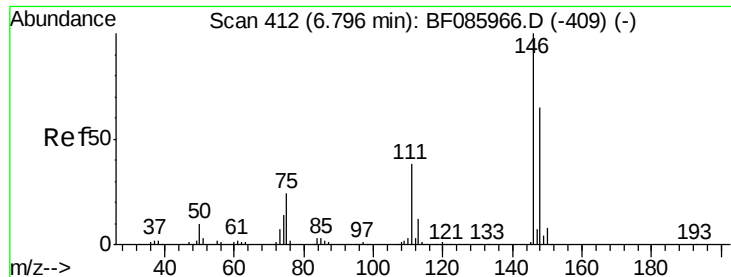
Tgt Ion: 93 Resp: 375091
Ion Ratio Lower Upper
93 100
63 77.4 50.9 90.9
95 32.5 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 39.63 ng
RT: 6.70 min Scan# 404
Delta R.T. -0.01 min
Lab File: BF086036.D
Acq: 4 Apr 2016 14:07

Tgt Ion: 146 Resp: 402537
Ion Ratio Lower Upper
146 100
148 64.7 52.3 78.5
75 25.4 17.4 26.2





#13

1,4-Dichlorobenzene

Concen: 39.41 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF086036.D

Acq: 4 Apr 2016 14:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

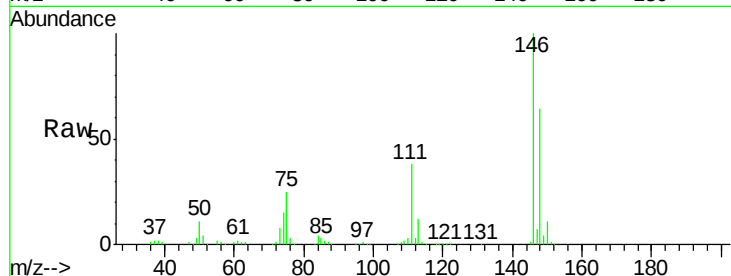
Tgt Ion:146 Resp: 412359

Ion Ratio Lower Upper

146 100

148 64.5 50.6 76.0

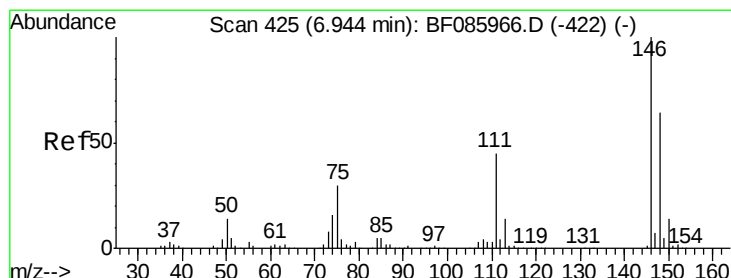
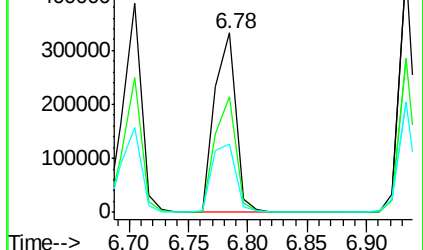
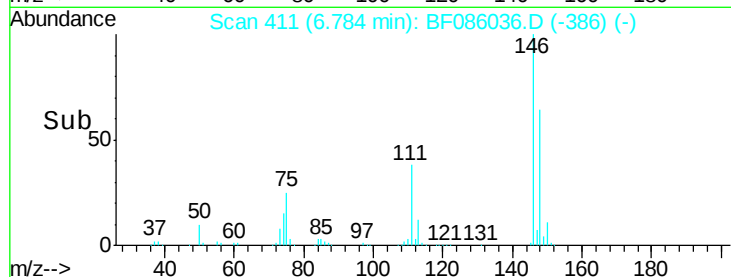
111 38.2 37.8 56.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.51 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF086036.D

Acq: 4 Apr 2016 14:07

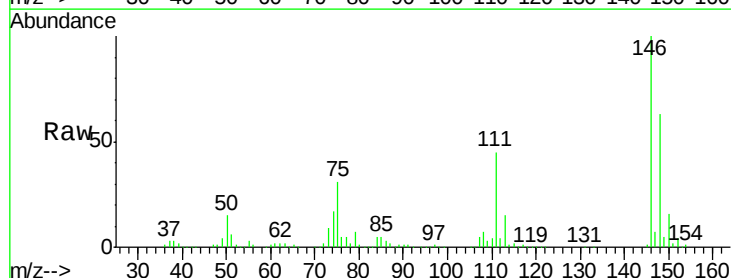
Tgt Ion:146 Resp: 380548

Ion Ratio Lower Upper

146 100

148 63.4 51.4 77.2

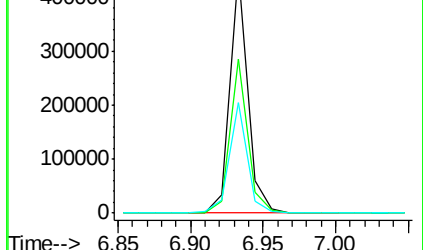
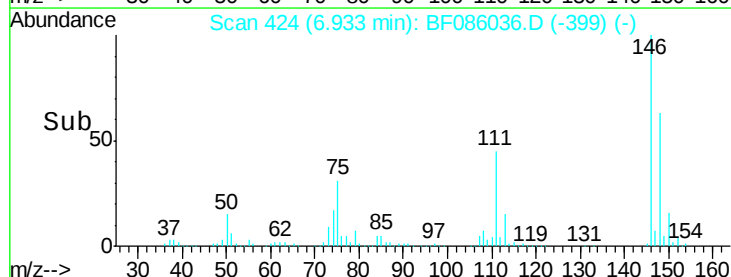
111 45.3 34.6 52.0

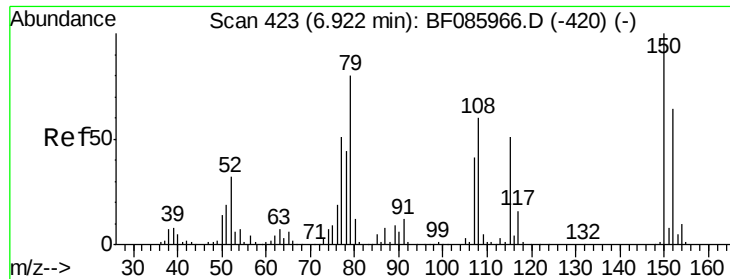


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.03 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF086036.D

Acq: 4 Apr 2016 14:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

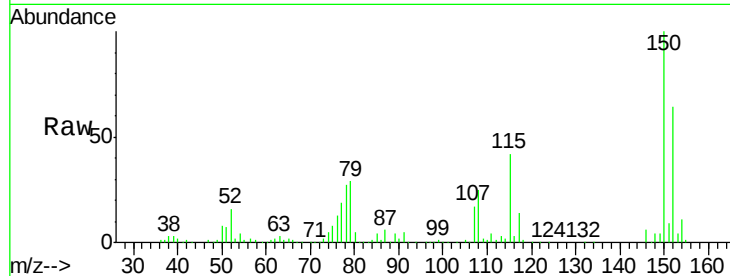
Tgt Ion: 79 Resp: 257752

Ion Ratio Lower Upper

79 100

108 83.4 61.8 92.6

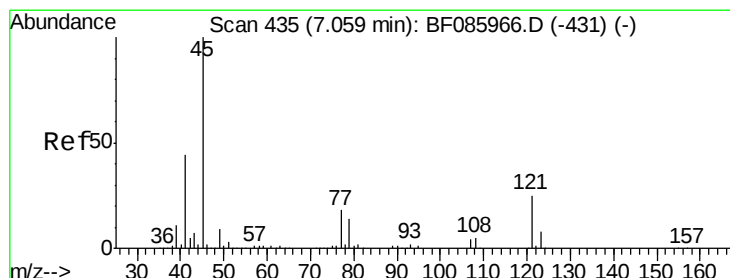
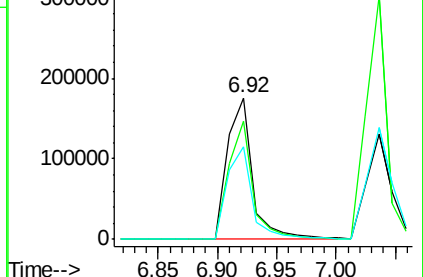
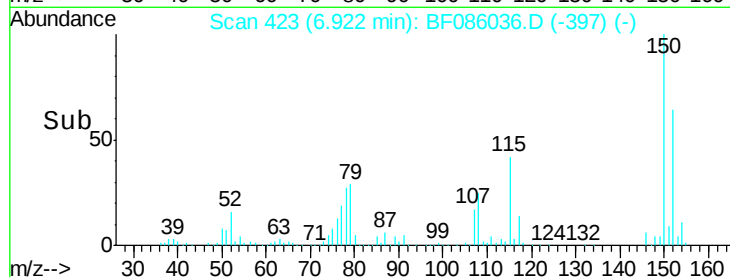
77 65.0 49.6 74.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.98 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF086036.D

Acq: 4 Apr 2016 14:07

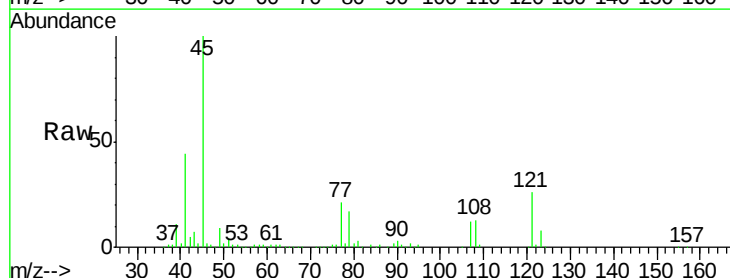
Tgt Ion: 45 Resp: 427804

Ion Ratio Lower Upper

45 100

77 20.8 0.0 35.7

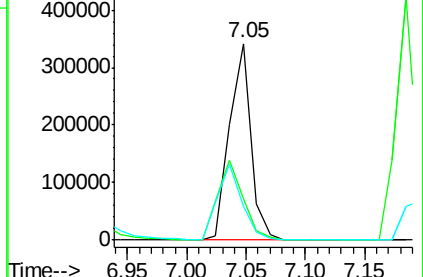
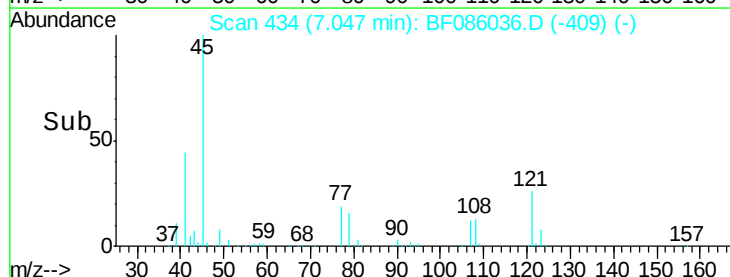
79 17.2 0.0 32.2

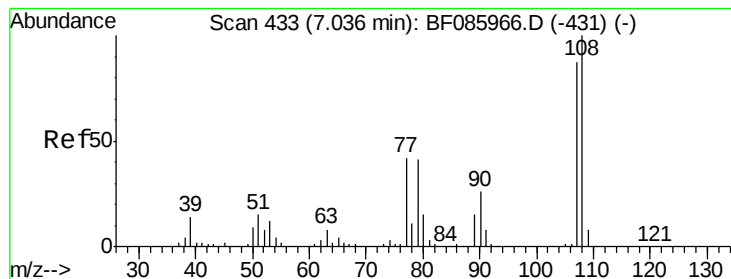


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 40.84 ng

RT: 7.04 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF086036.D

Acq: 4 Apr 2016 14:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 308572

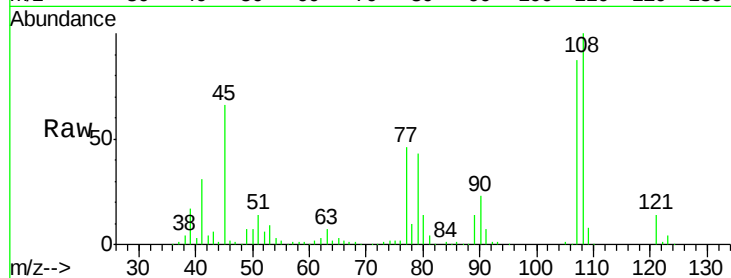
Ion Ratio Lower Upper

107 100

108 114.4 91.4 137.0

77 52.4 36.2 54.2

79 49.6 35.8 53.8

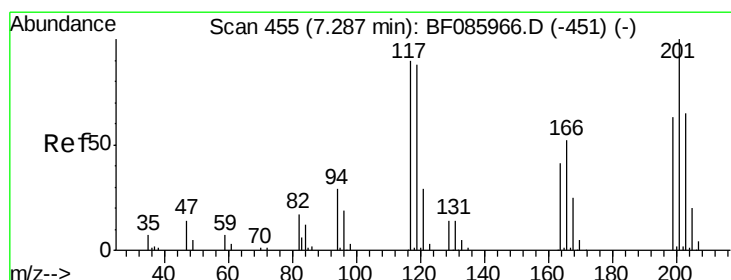
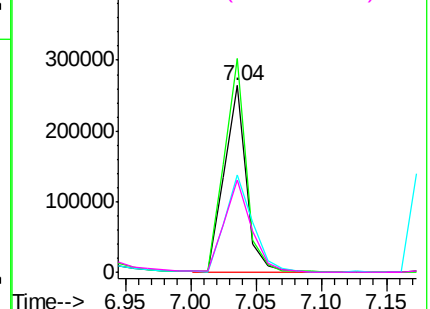
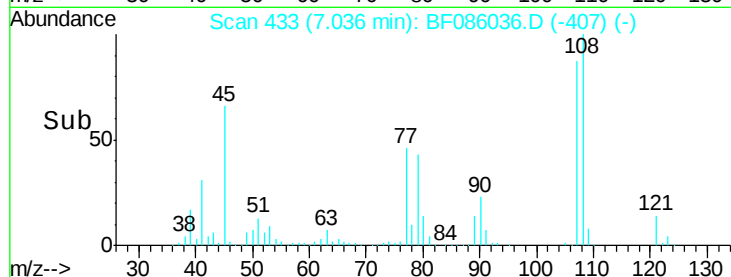


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.52 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF086036.D

Acq: 4 Apr 2016 14:07

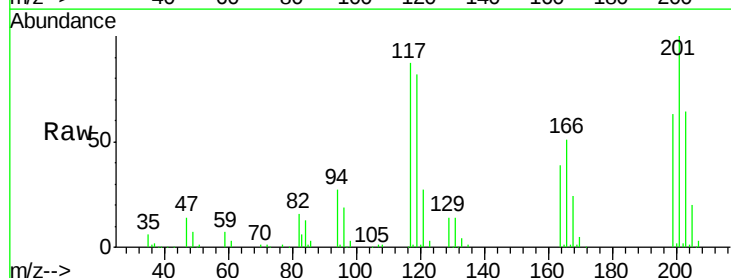
Tgt Ion:117 Resp: 152087

Ion Ratio Lower Upper

117 100

119 95.2 76.7 115.1

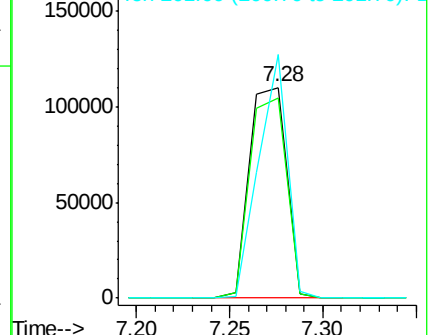
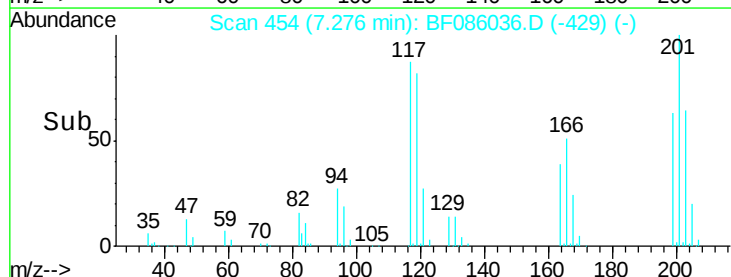
201 115.6 83.3 124.9

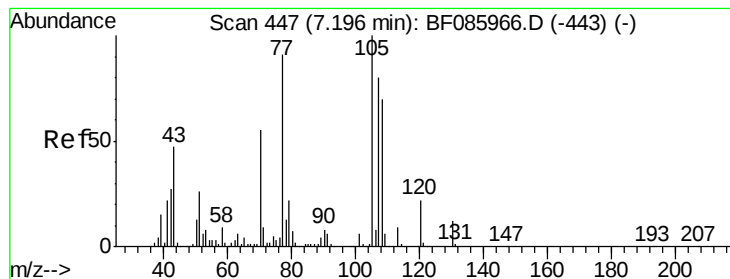


Abundance Ion 117.00 (116.70 to 117.70): E

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: 36.17 ng

RT: 7.18 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF086036.D

Acq: 4 Apr 2016 14:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 228839

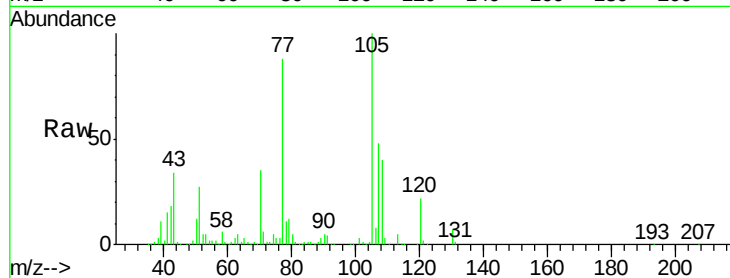
Ion Ratio Lower Upper

70 100

42 50.6 37.1 55.7

101 9.7 8.6 12.8

130 20.1 19.6 29.4

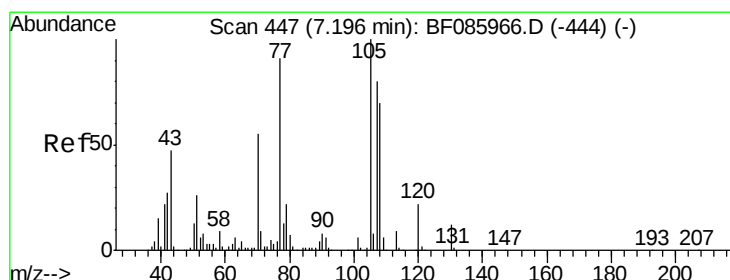
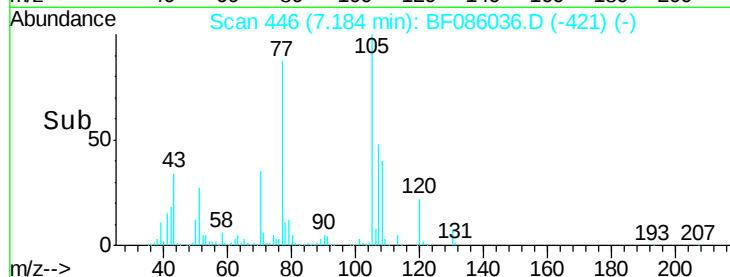
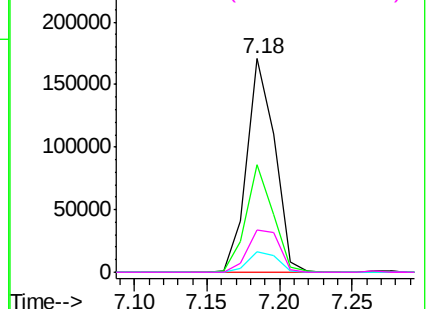


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 40.06 ng

RT: 7.20 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF086036.D

Acq: 4 Apr 2016 14:07

Tgt Ion: 107 Resp: 368093

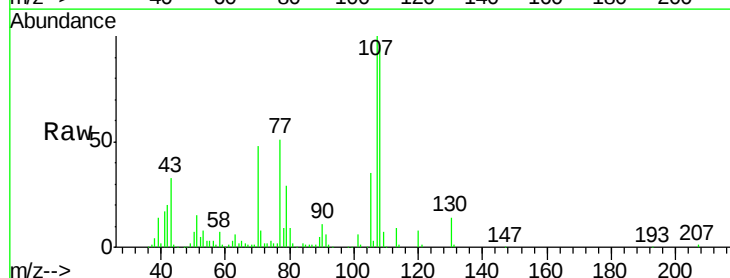
Ion Ratio Lower Upper

107 100

108 96.0 69.3 109.3

77 51.4 101.7 141.7#

79 29.2 8.3 48.3

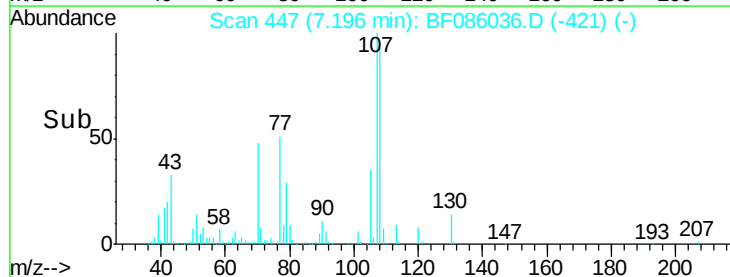
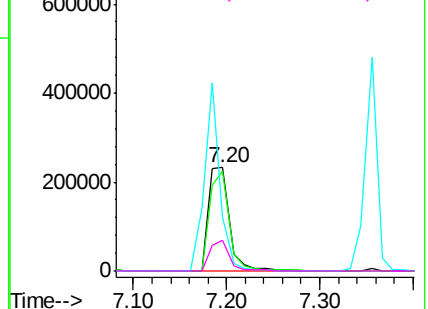


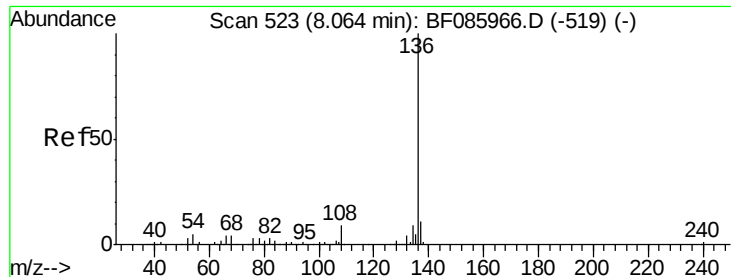
Abundance Ion 107.00 (106.70 to 107.70): E

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

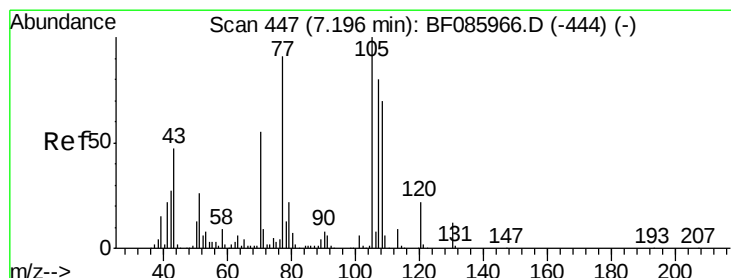
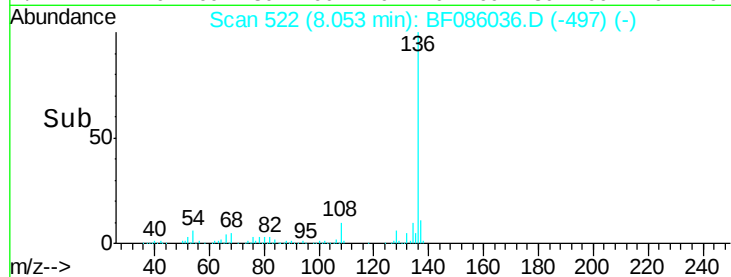
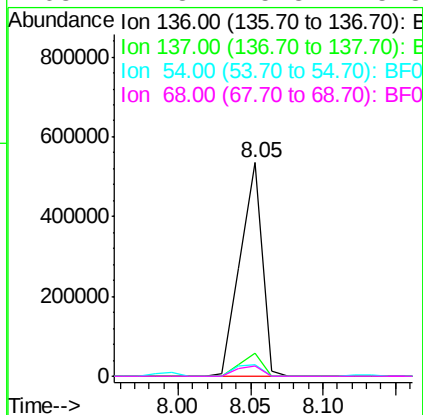
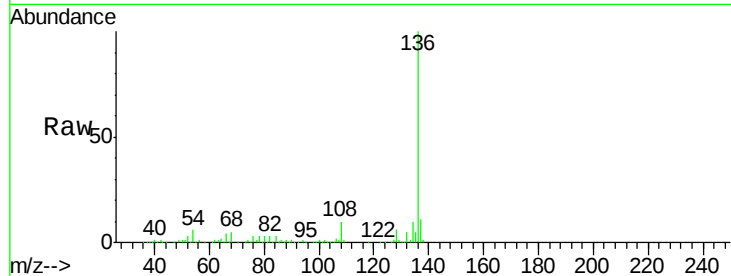




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF086036.D
Acq: 4 Apr 2016 14:07

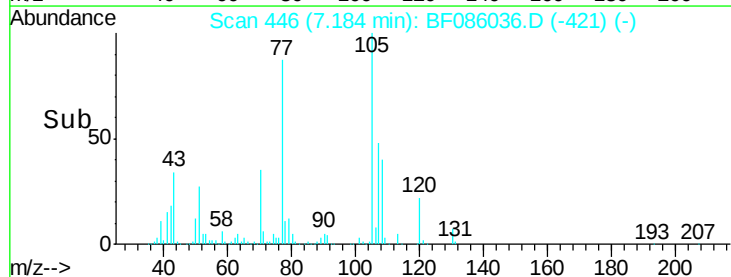
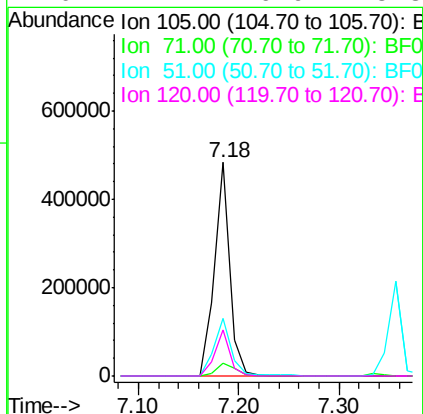
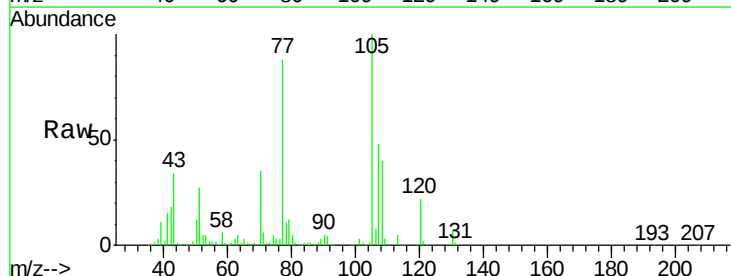
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

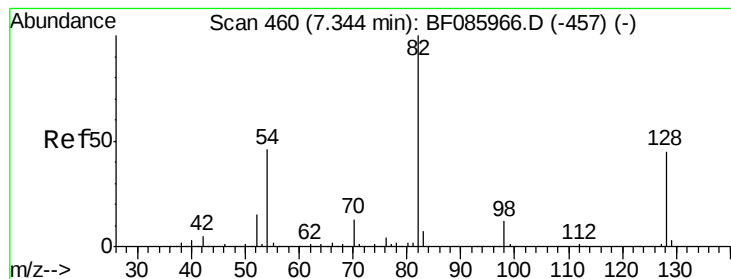
Tgt Ion:	136	Resp:	568406
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	5.6	7.4	11.0#
68	4.8	5.8	8.8#



#22
Acetophenone
Concen: 38.16 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF086036.D
Acq: 4 Apr 2016 14:07

Tgt Ion:	105	Resp:	509950
Ion	Ratio	Lower	Upper
105	100		
71	5.8	3.6	5.4#
51	26.9	25.4	38.0
120	21.7	16.9	25.3





#23

Nitrobenzene-d5

Concen: 75.84 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF086036.D

Acq: 4 Apr 2016 14:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

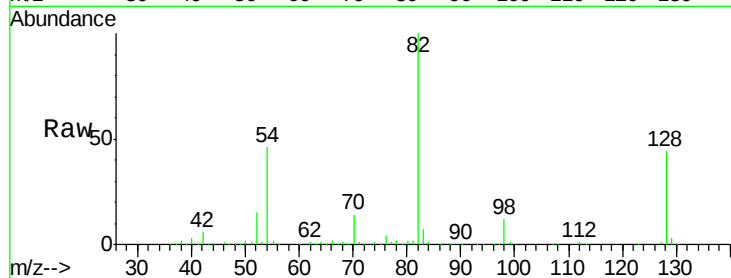
Tgt Ion: 82 Resp: 730939

Ion Ratio Lower Upper

82 100

128 44.1 41.8 62.8

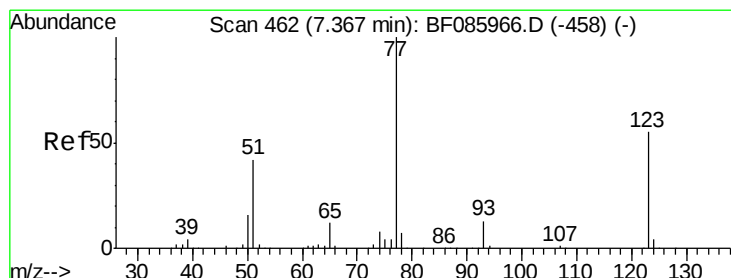
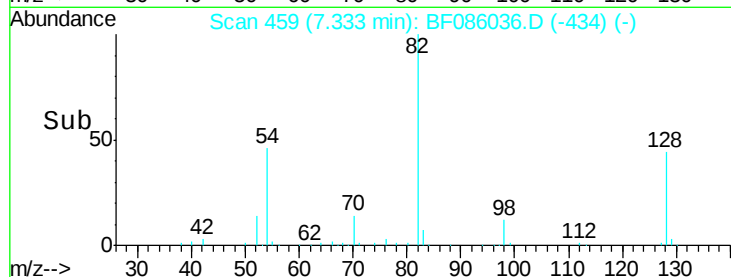
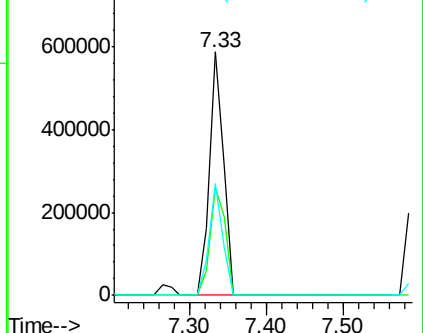
54 45.9 33.4 50.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 40.45 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF086036.D

Acq: 4 Apr 2016 14:07

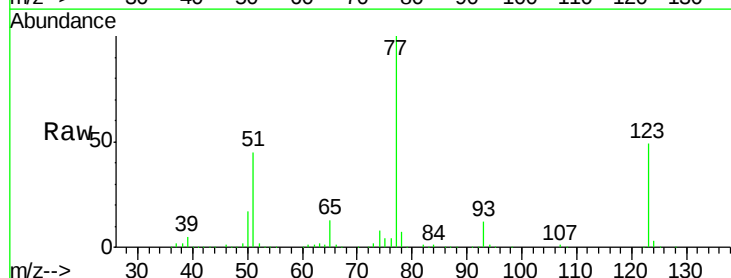
Tgt Ion: 77 Resp: 426518

Ion Ratio Lower Upper

77 100

123 49.2 35.0 52.4

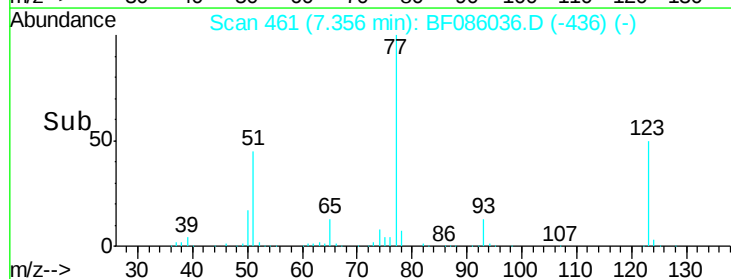
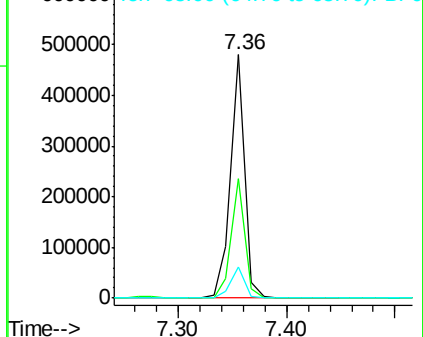
65 12.9 10.6 16.0

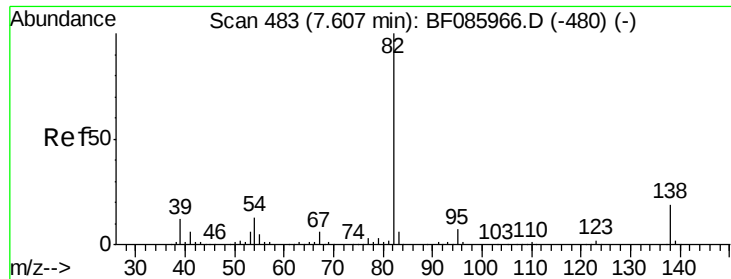


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.48 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF086036.D

Acq: 4 Apr 2016 14:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

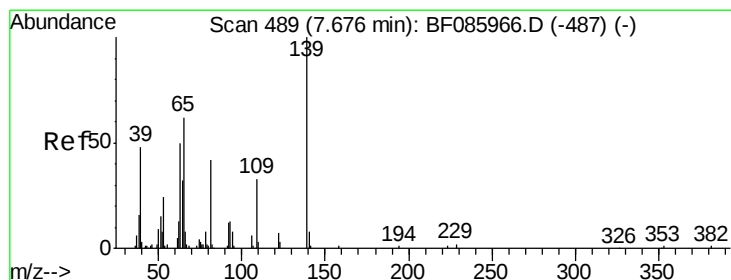
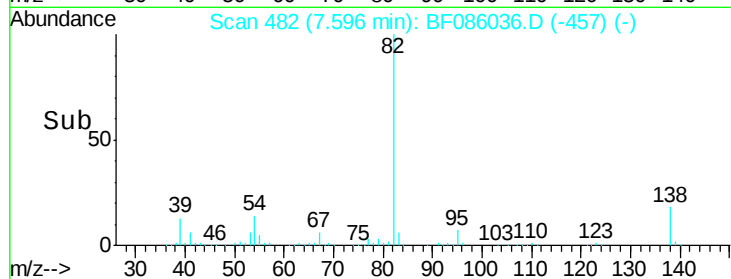
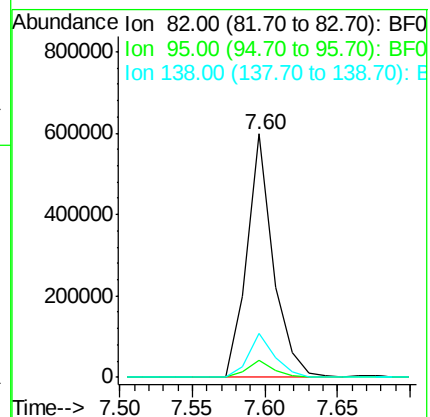
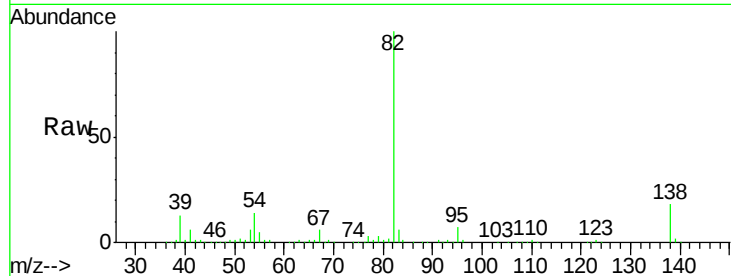
Tgt Ion: 82 Resp: 751150

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

138 17.9 12.9 19.3



#26

2-Nitrophenol

Concen: 41.87 ng

RT: 7.68 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF086036.D

Acq: 4 Apr 2016 14:07

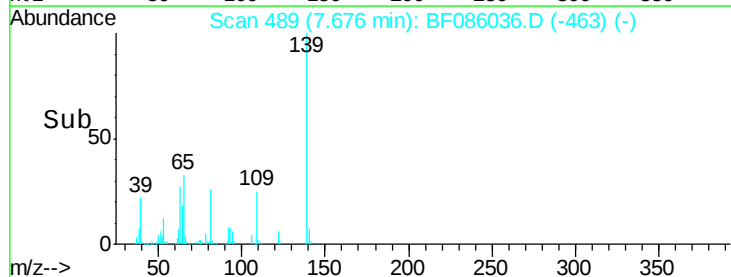
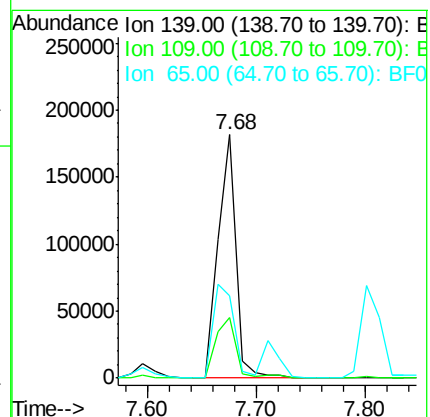
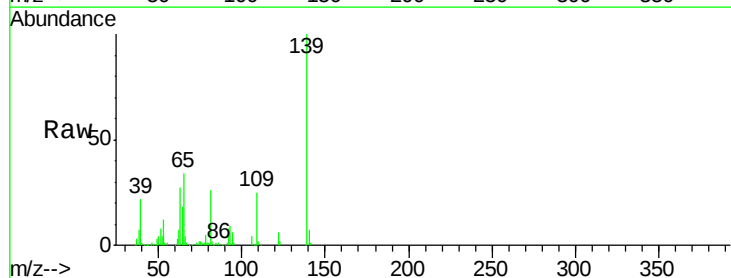
Tgt Ion: 139 Resp: 211252

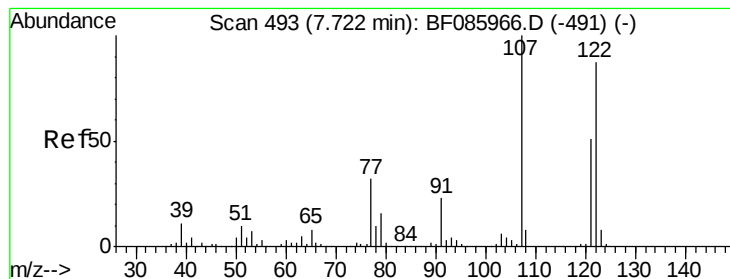
Ion Ratio Lower Upper

139 100

109 25.1 22.1 33.1

65 33.7 33.9 50.9#





#27

2,4-Dimethylphenol

Concen: 38.02 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.01 min

Lab File: BF086036.D

Acq: 4 Apr 2016 14:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

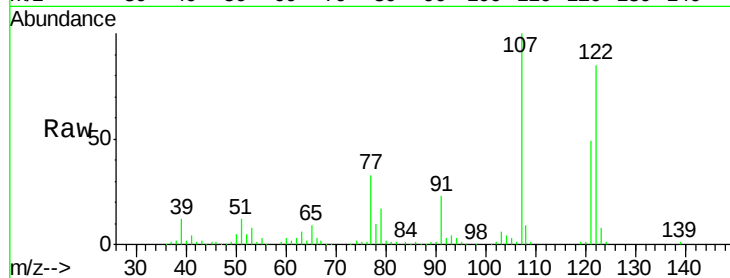
Tgt Ion:122 Resp: 344556

Ion Ratio Lower Upper

122 100

107 118.2 93.0 139.6

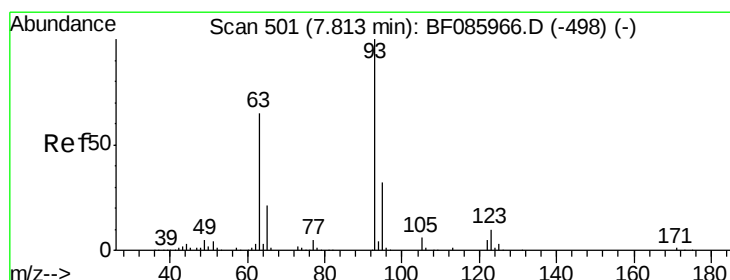
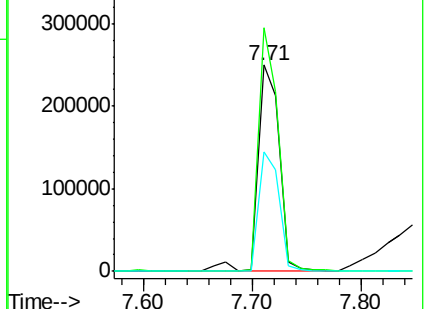
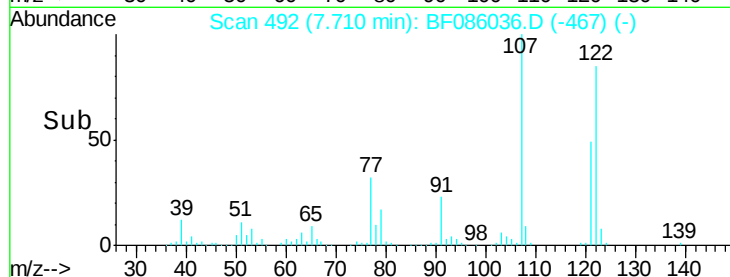
121 58.1 45.9 68.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.56 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.01 min

Lab File: BF086036.D

Acq: 4 Apr 2016 14:07

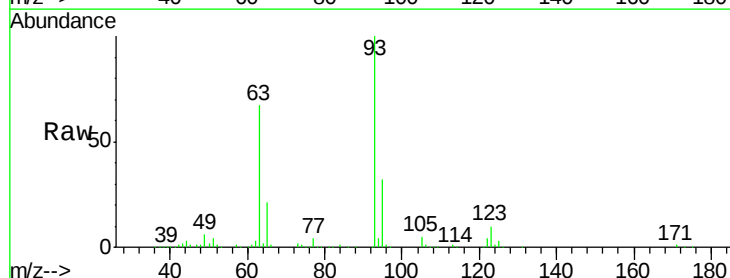
Tgt Ion: 93 Resp: 419267

Ion Ratio Lower Upper

93 100

95 32.2 26.4 39.6

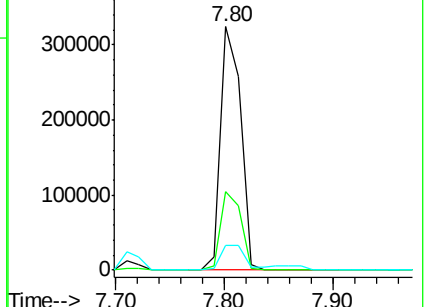
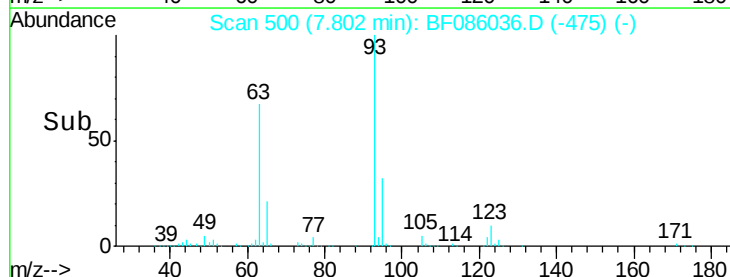
123 9.9 9.8 14.6

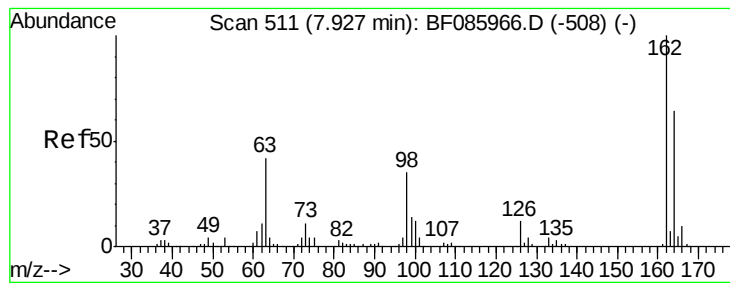


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.31 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF086036.D

Acq: 4 Apr 2016 14:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

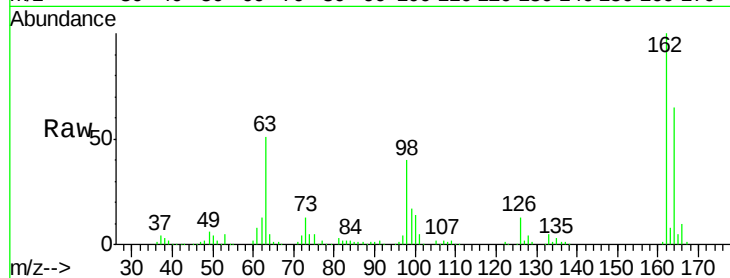
Tgt Ion:162 Resp: 301105

Ion Ratio Lower Upper

162 100

164 64.7 43.7 83.7

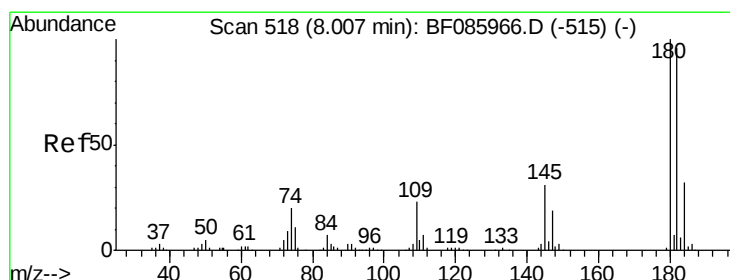
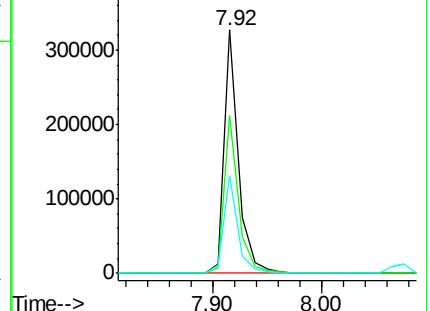
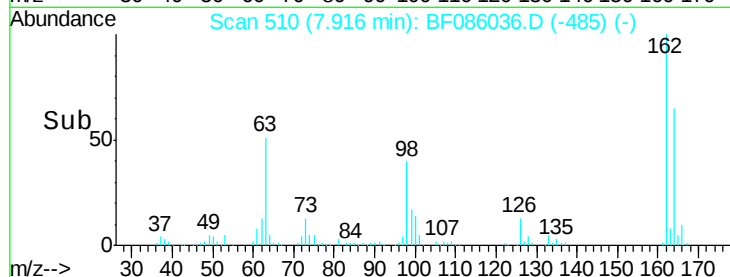
98 40.2 20.4 60.4



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: 38.95 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF086036.D

Acq: 4 Apr 2016 14:07

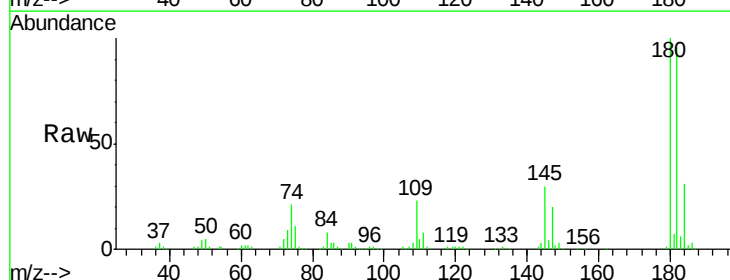
Tgt Ion:180 Resp: 334904

Ion Ratio Lower Upper

180 100

182 95.8 73.8 110.8

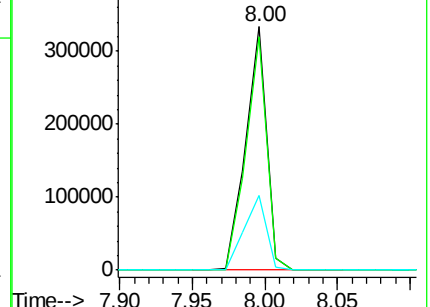
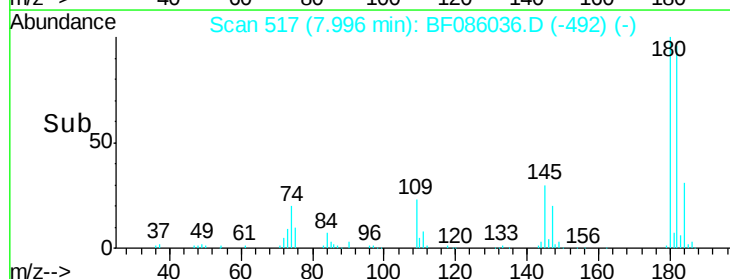
145 30.5 28.4 42.6



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.69 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF086036.D

Acq: 4 Apr 2016 14:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

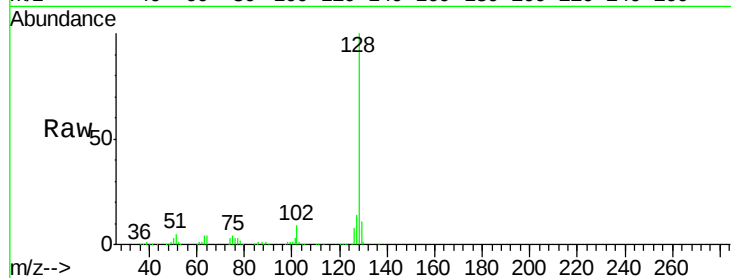
Tgt Ion:128 Resp: 1106307

Ion Ratio Lower Upper

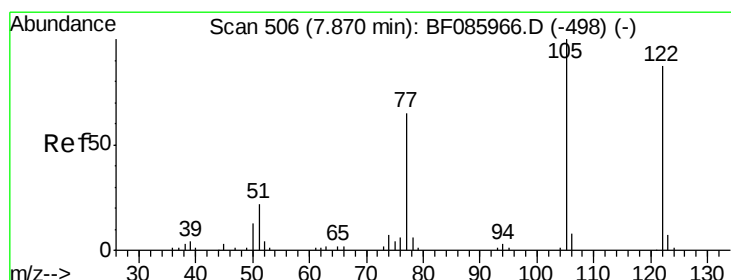
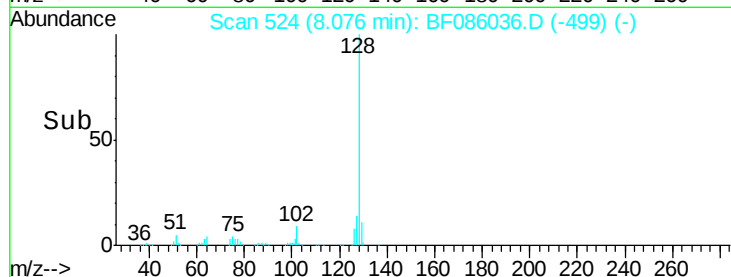
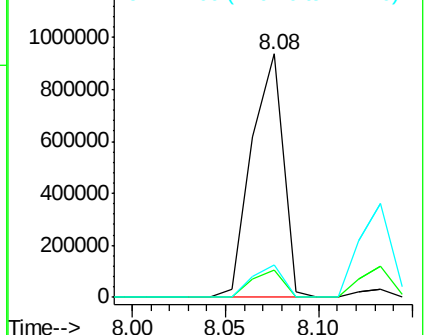
128 100

129 11.0 9.4 14.0

127 13.6 11.0 16.6



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: 37.60 ng

RT: 7.87 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF086036.D

Acq: 4 Apr 2016 14:07

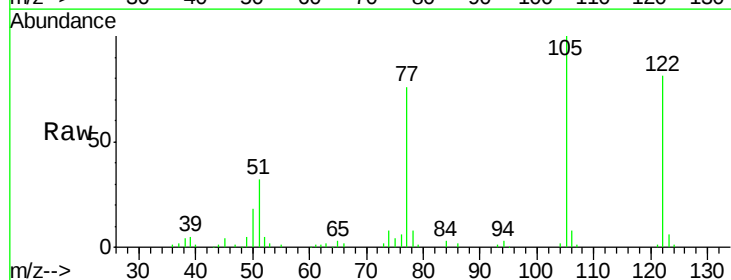
Tgt Ion:122 Resp: 249984

Ion Ratio Lower Upper

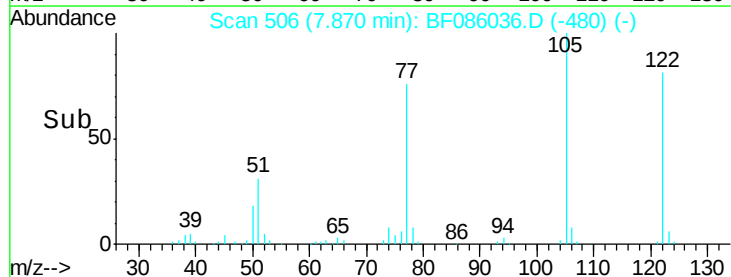
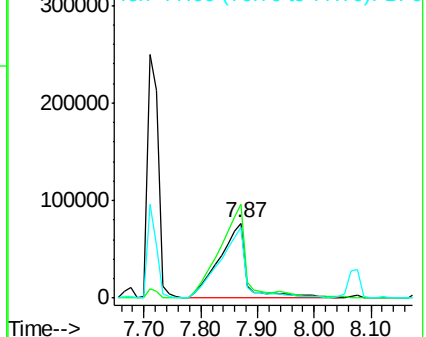
122 100

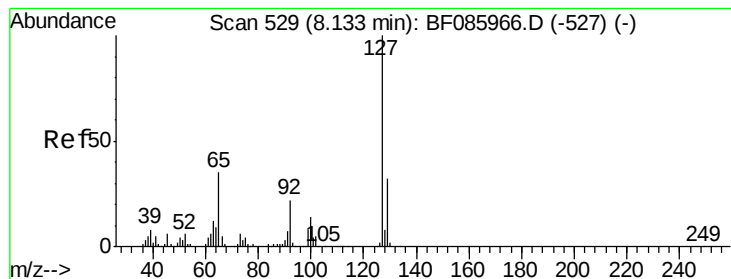
105 124.1 102.9 142.9

77 94.1 71.8 111.8



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: 39.21 ng

RT: 8.13 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF086036.D

Acq: 4 Apr 2016 14:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 452856

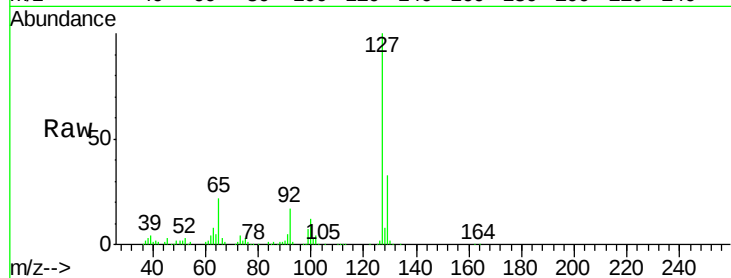
Ion Ratio Lower Upper

127 100

129 32.5 26.1 39.1

65 21.9 19.5 29.3

92 16.9 14.6 22.0

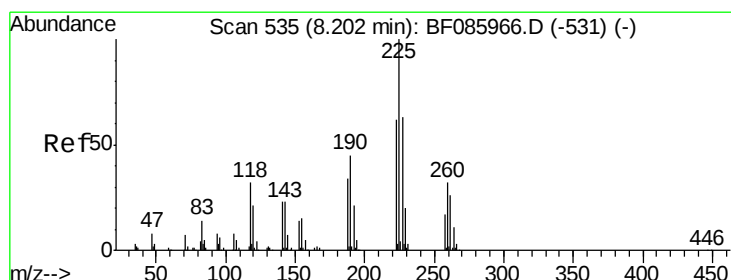
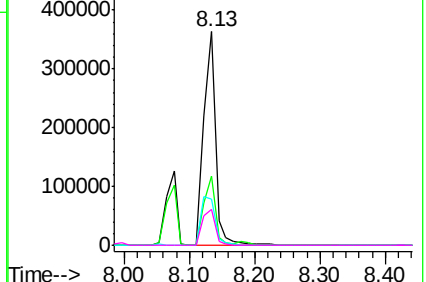
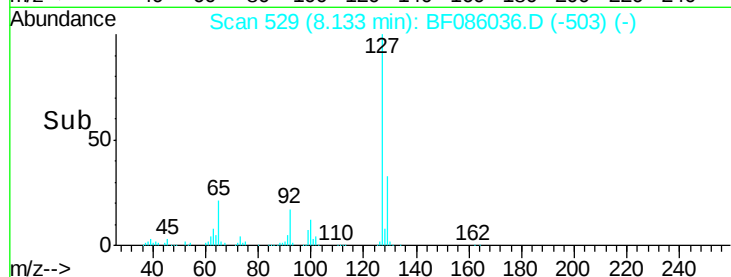


Abundance Ion 127.00 (126.70 to 127.70): E

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: 38.98 ng

RT: 8.19 min Scan# 534

Delta R.T. -0.01 min

Lab File: BF086036.D

Acq: 4 Apr 2016 14:07

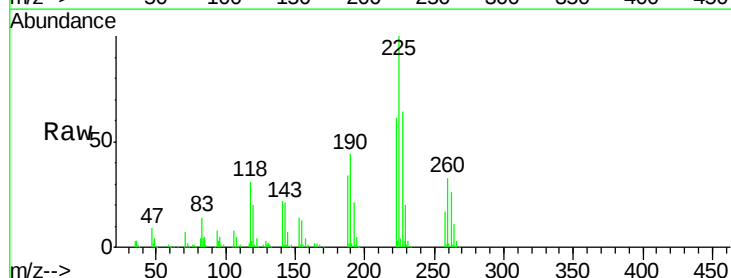
Tgt Ion:225 Resp: 180182

Ion Ratio Lower Upper

225 100

223 60.9 50.4 75.6

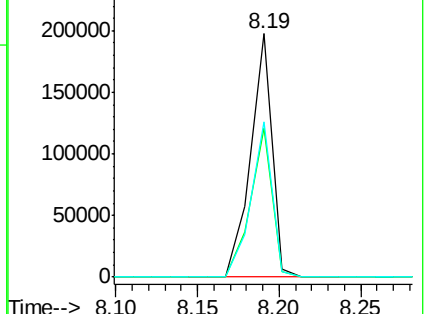
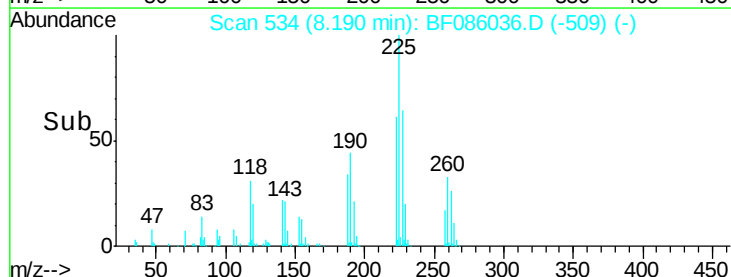
227 63.9 51.4 77.2



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

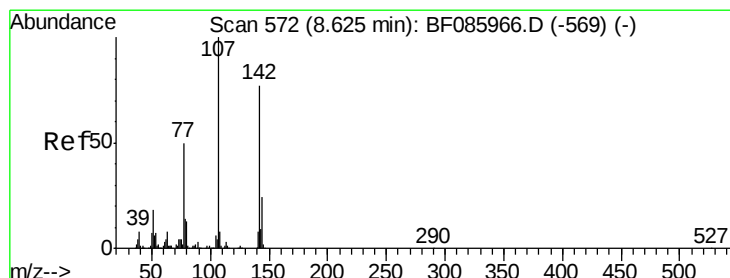
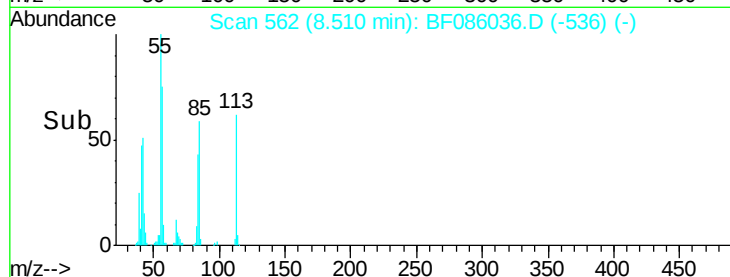
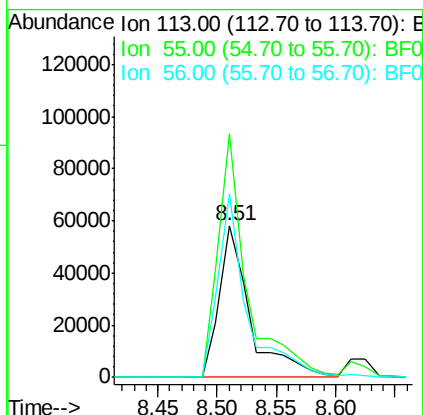
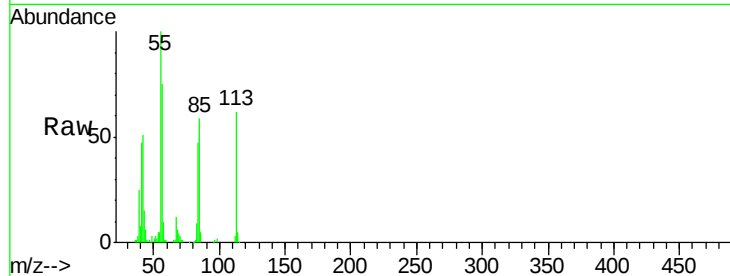




#35
 Caprolactam
 Concen: 43.01 ng
 RT: 8.51 min Scan# 562
 Delta R.T. 0.00 min
 Lab File: BF086036.D
 Acq: 4 Apr 2016 14:07

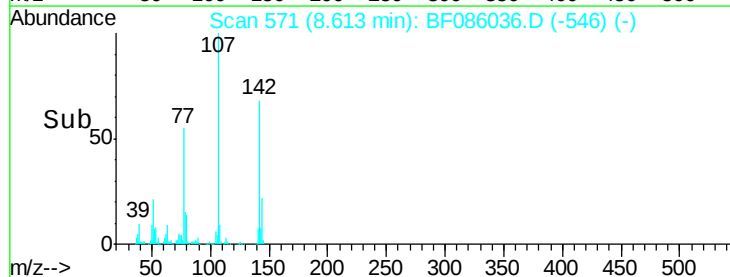
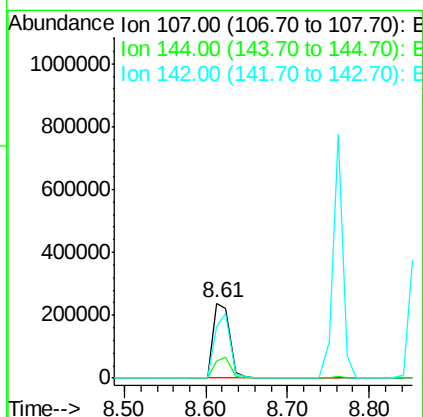
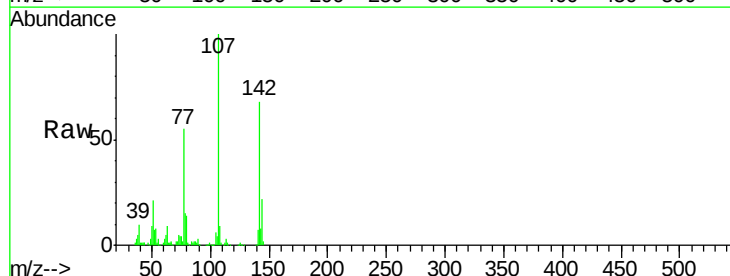
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

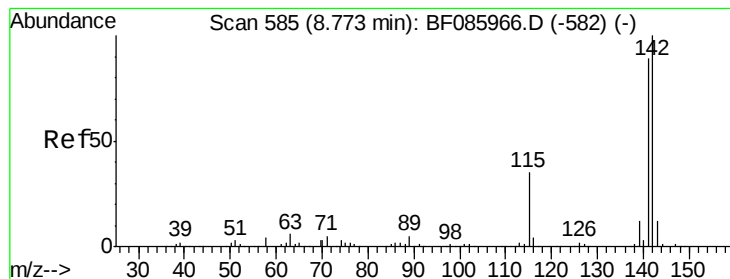
Tgt Ion:113 Resp: 104519
 Ion Ratio Lower Upper
 113 100
 55 160.7 139.4 179.4
 56 121.1 100.4 140.4



#36
 4-Chloro-3-methylphenol
 Concen: 39.42 ng
 RT: 8.61 min Scan# 571
 Delta R.T. -0.01 min
 Lab File: BF086036.D
 Acq: 4 Apr 2016 14:07

Tgt Ion:107 Resp: 339483
 Ion Ratio Lower Upper
 107 100
 144 22.1 19.3 28.9
 142 68.5 61.4 92.0





#37

2-Methylnaphthalene

Concen: 35.52 ng

RT: 8.76 min Scan# 584

Delta R.T. -0.01 min

Lab File: BF086036.D

Acq: 4 Apr 2016 14:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

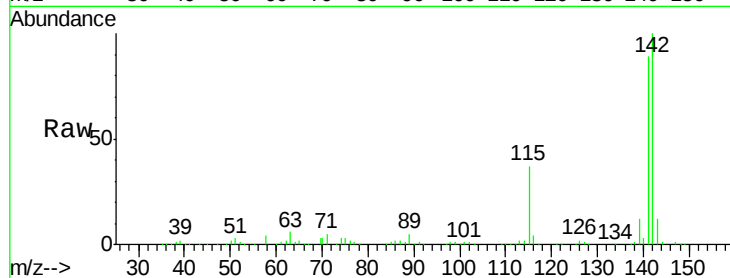
Tgt Ion:142 Resp: 663482

Ion Ratio Lower Upper

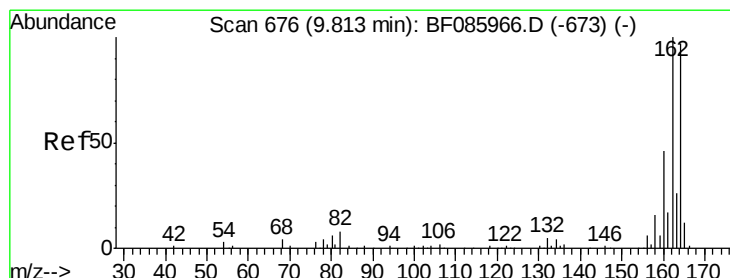
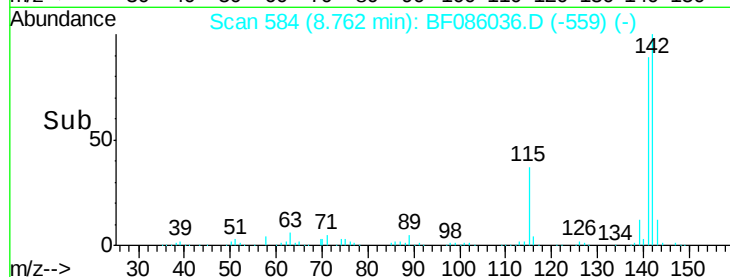
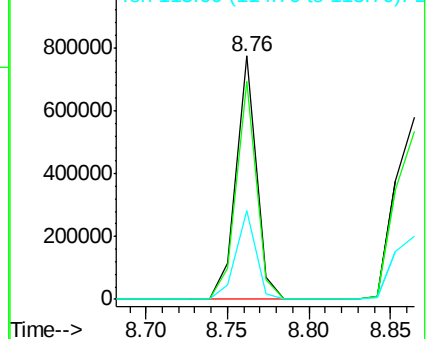
142 100

141 89.5 71.6 107.4

115 36.7 26.8 40.2



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF086036.D

Acq: 4 Apr 2016 14:07

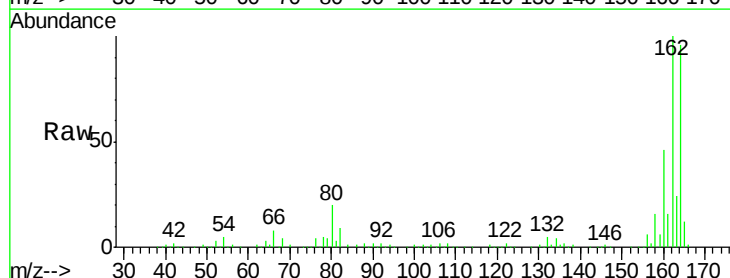
Tgt Ion:164 Resp: 267537

Ion Ratio Lower Upper

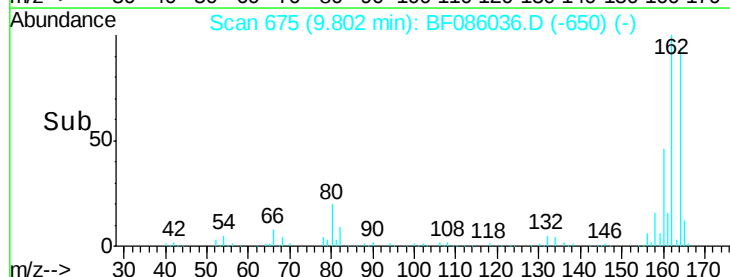
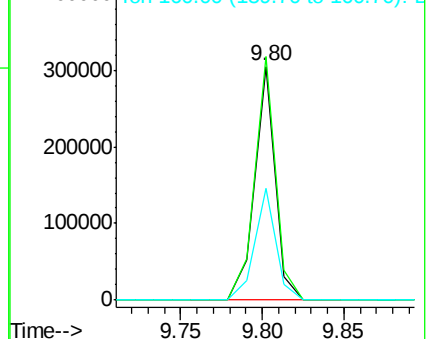
164 100

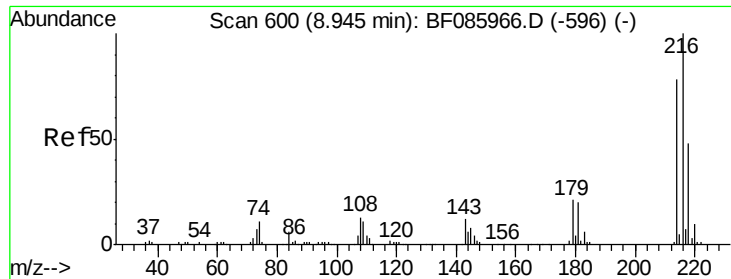
162 104.1 82.1 123.1

160 47.9 37.4 56.2



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

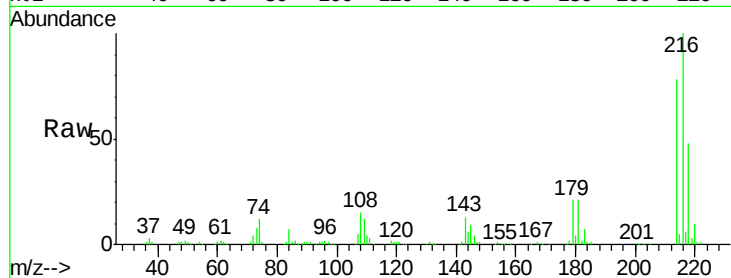




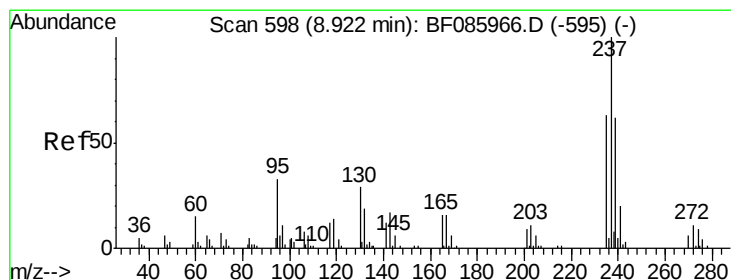
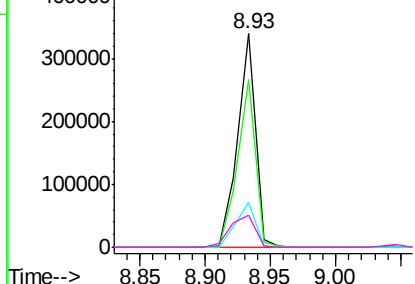
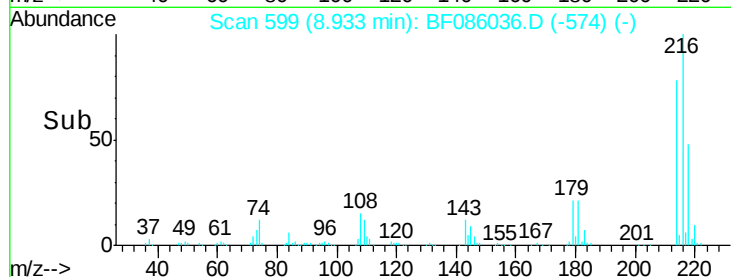
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.68 ng
 RT: 8.93 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: BF086036.D
 Acq: 4 Apr 2016 14:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	216	Resp:	319082
Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.1	94.7
179	23.0	18.2	27.2
108	20.9	17.3	25.9

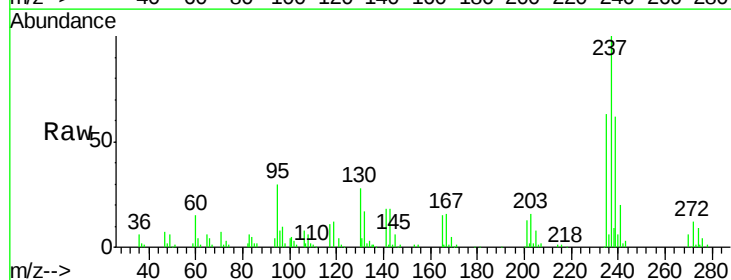


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

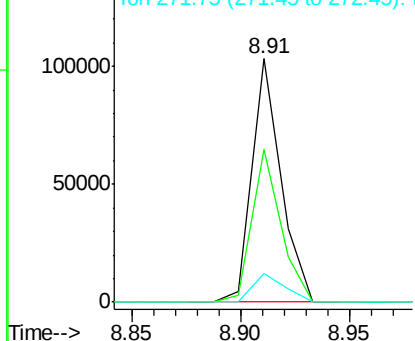
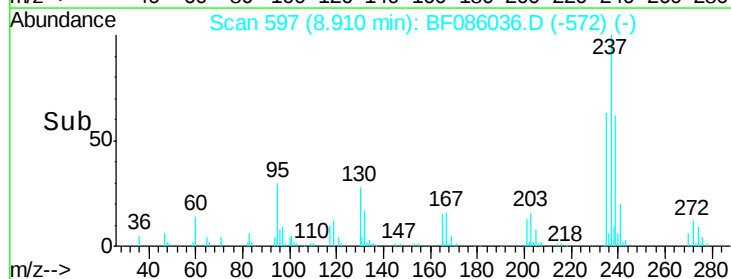


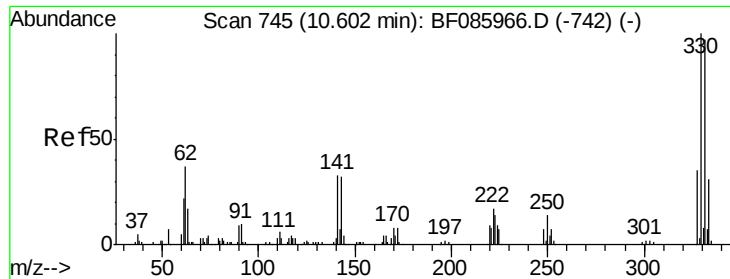
#40
 Hexachlorocyclopentadiene
 Concen: 41.76 ng
 RT: 8.91 min Scan# 597
 Delta R.T. -0.01 min
 Lab File: BF086036.D
 Acq: 4 Apr 2016 14:07

Tgt Ion:	237	Resp:	95052
Ion	Ratio	Lower	Upper
237	100		
235	62.6	43.7	83.7
272	11.5	0.0	31.9



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

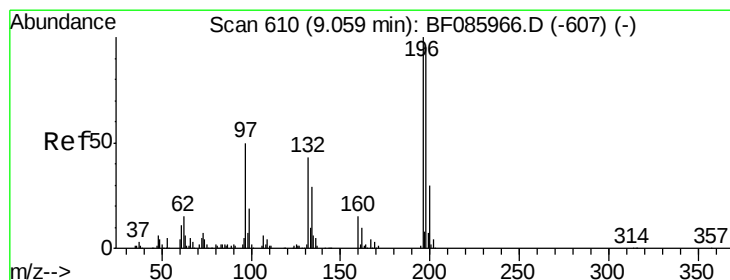
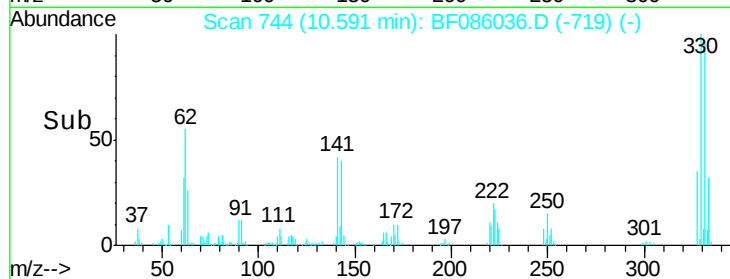
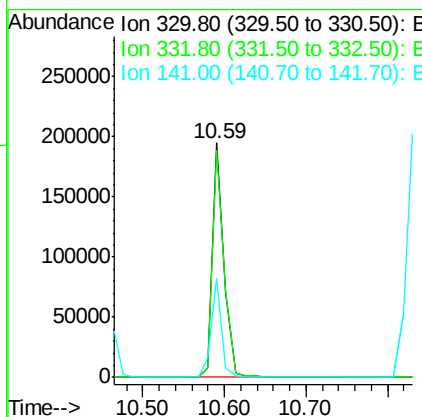
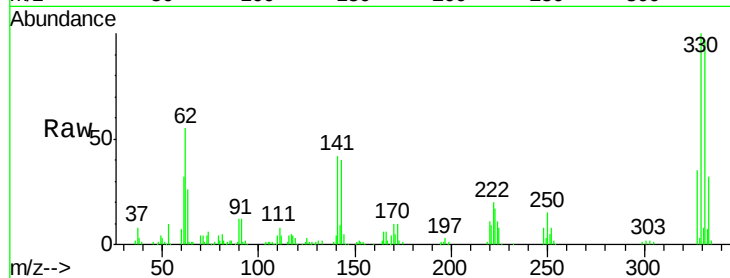




#41
 2,4,6-Tribromophenol
 Concen: 77.31 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF086036.D
 Acq: 4 Apr 2016 14:07

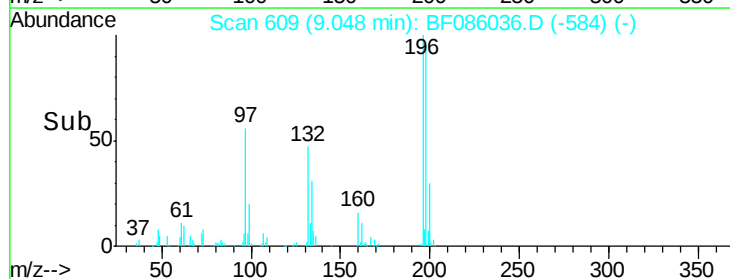
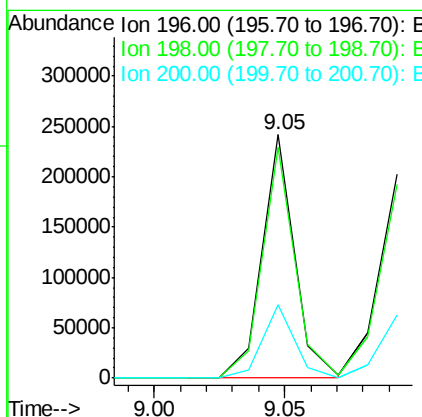
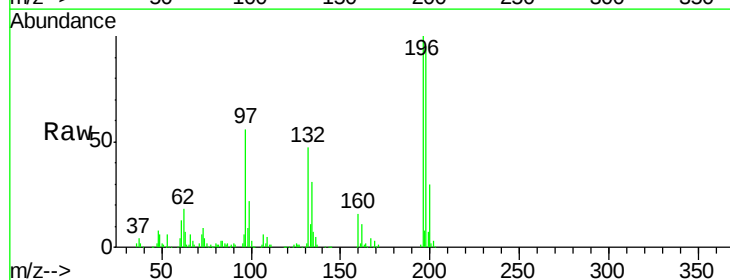
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion:330 Resp: 194143
 Ion Ratio Lower Upper
 330 100
 332 97.6 78.2 117.2
 141 38.6 31.5 47.3



#42
 2,4,6-Trichlorophenol
 Concen: 40.84 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF086036.D
 Acq: 4 Apr 2016 14:07

Tgt Ion:196 Resp: 210871
 Ion Ratio Lower Upper
 196 100
 198 94.7 75.3 112.9
 200 30.4 23.7 35.5

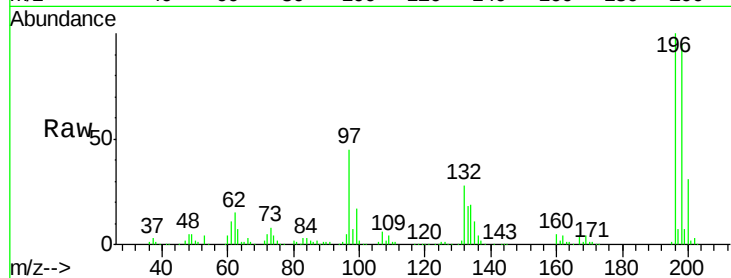




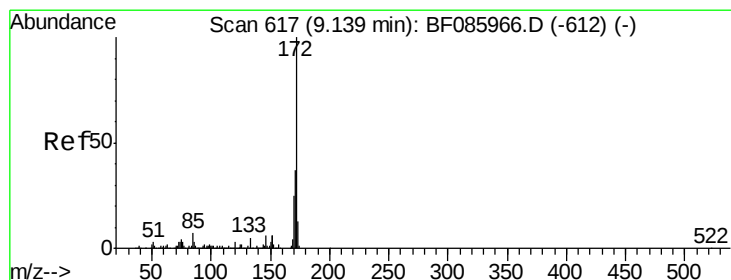
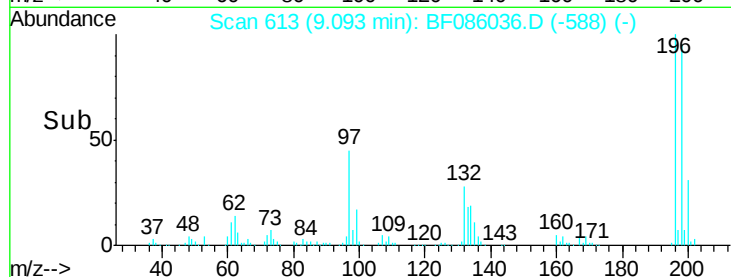
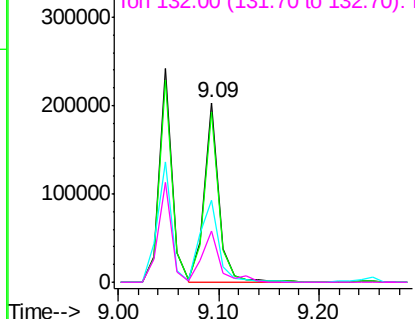
#43
 2,4,5-Trichlorophenol
 Concen: 39.31 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF086036.D
 Acq: 4 Apr 2016 14:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	196	Resp:	206095
Ion	Ratio	Lower	Upper
196	100		
198	94.9	76.6	114.8
97	45.5	30.5	45.7
132	28.3	20.2	30.2

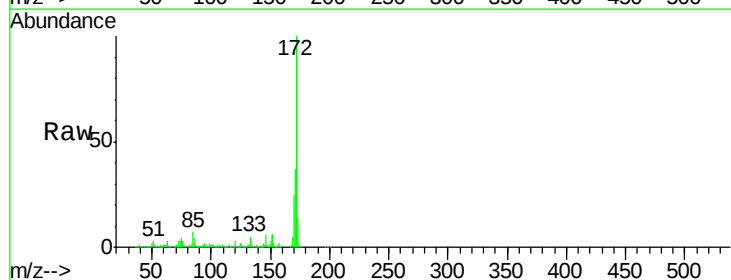


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

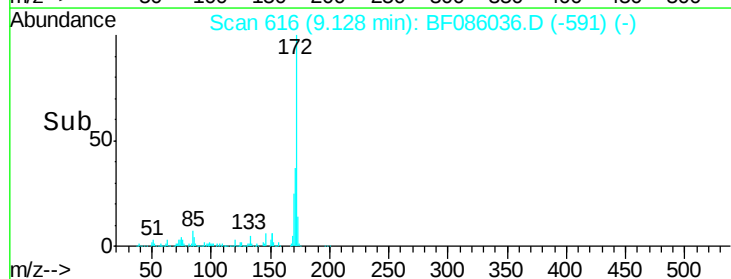
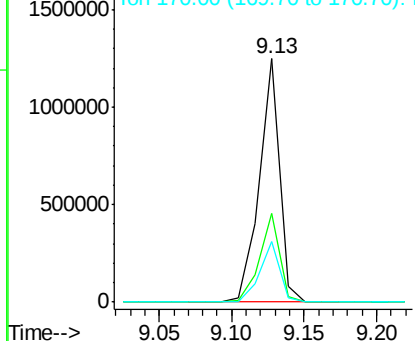


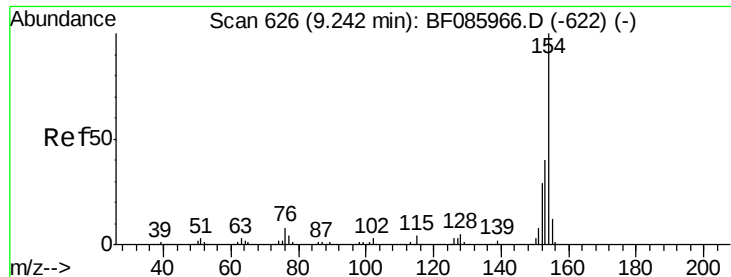
#44
 2-Fluorobiphenyl
 Concen: 74.89 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF086036.D
 Acq: 4 Apr 2016 14:07

Tgt Ion:	172	Resp:	1205064
Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.2
170	24.7	19.8	29.6



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

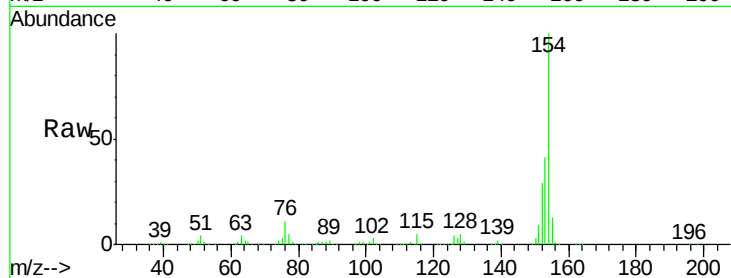




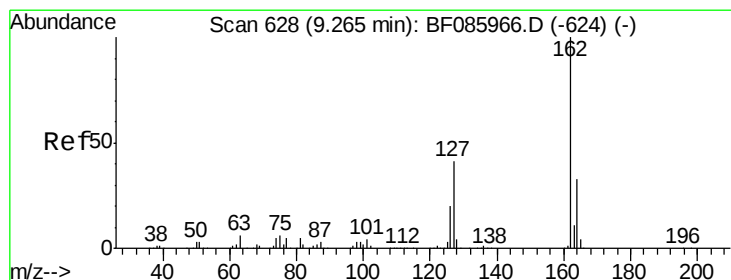
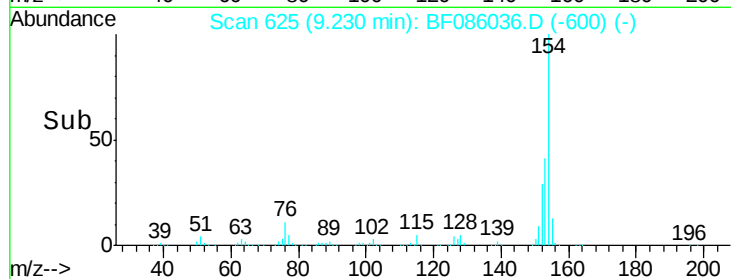
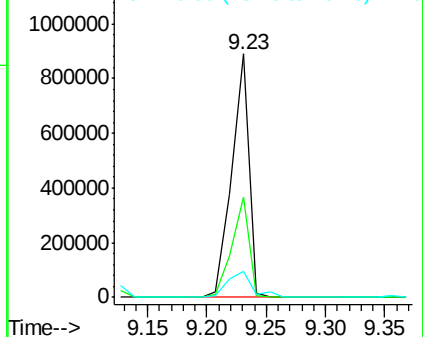
#45
 1,1'-Biphenyl
 Concen: 38.92 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF086036.D
 Acq: 4 Apr 2016 14:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:154 Resp: 897746
 Ion Ratio Lower Upper
 154 100
 153 41.2 20.8 60.8
 76 10.7 0.0 36.7

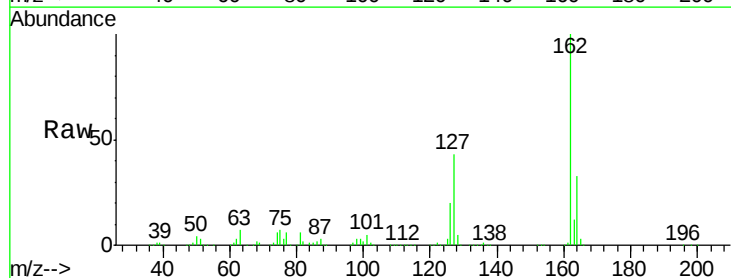


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

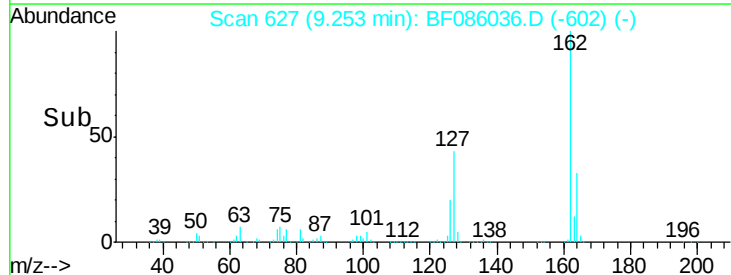
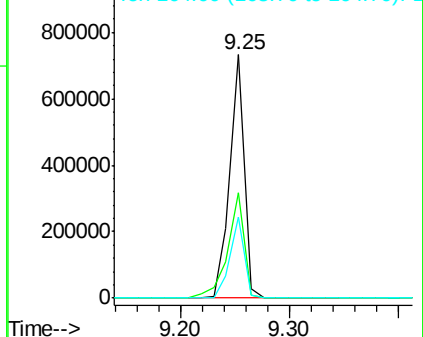


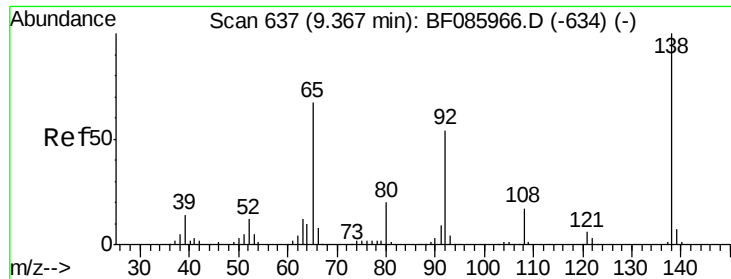
#46
 2-Chloronaphthalene
 Concen: 40.17 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF086036.D
 Acq: 4 Apr 2016 14:07

Tgt Ion:162 Resp: 671755
 Ion Ratio Lower Upper
 162 100
 127 43.2 31.7 47.5
 164 33.3 27.3 40.9



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

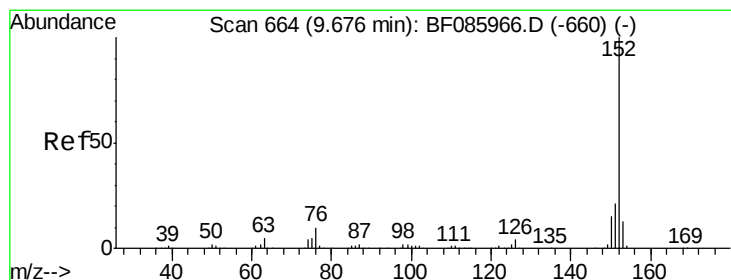
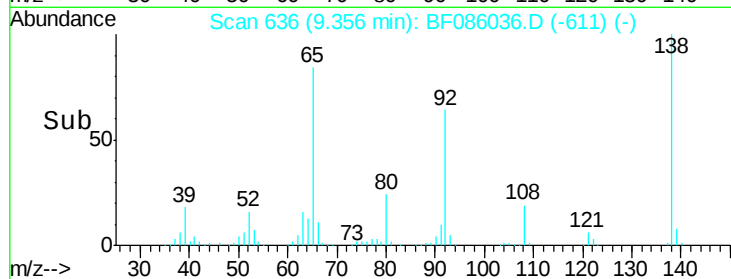
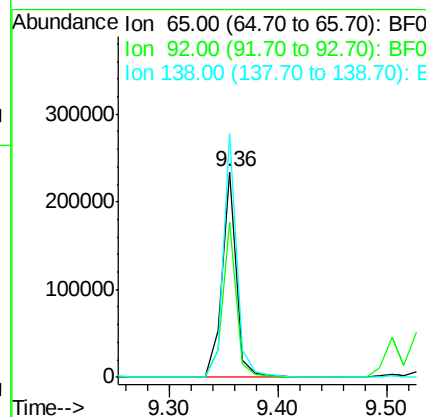
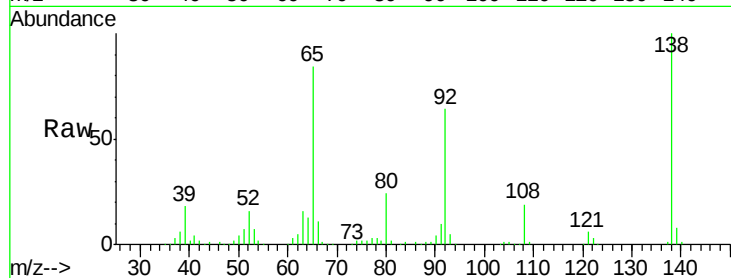




#47
 2-Nitroaniline
 Concen: 44.20 ng
 RT: 9.36 min Scan# 636
 Delta R.T. -0.01 min
 Lab File: BF086036.D
 Acq: 4 Apr 2016 14:07

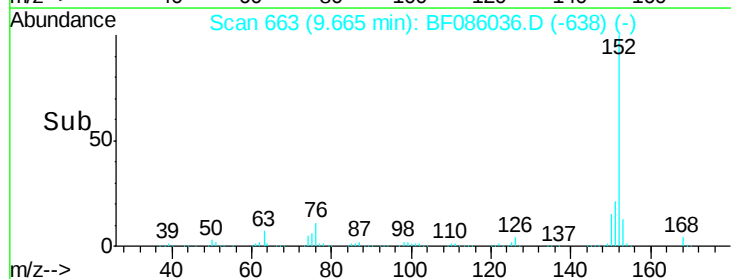
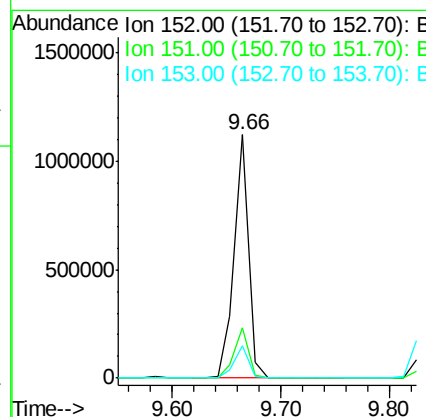
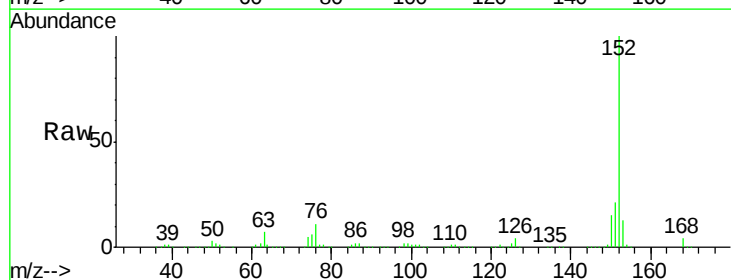
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

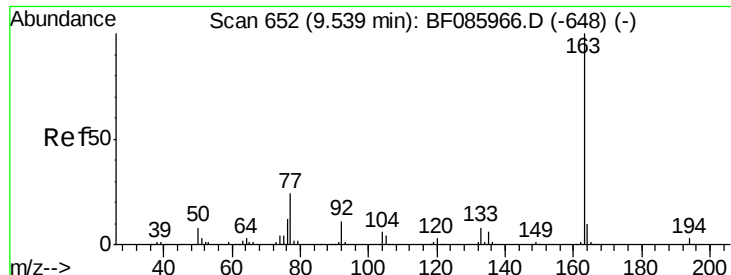
Tgt Ion: 65 Resp: 216233
 Ion Ratio Lower Upper
 65 100
 92 75.7 59.7 89.5
 138 118.5 91.4 137.0



#48
 Acenaphthylene
 Concen: 38.16 ng
 RT: 9.66 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF086036.D
 Acq: 4 Apr 2016 14:07

Tgt Ion: 152 Resp: 1022169
 Ion Ratio Lower Upper
 152 100
 151 20.8 16.8 25.2
 153 13.3 10.9 16.3

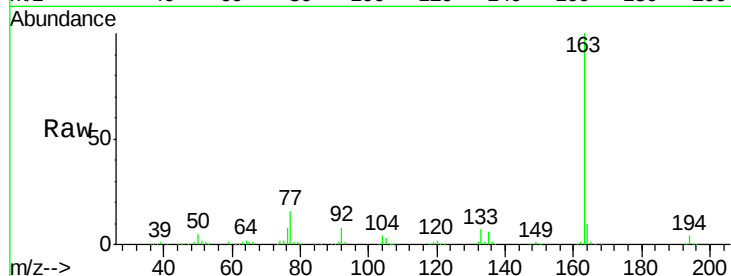




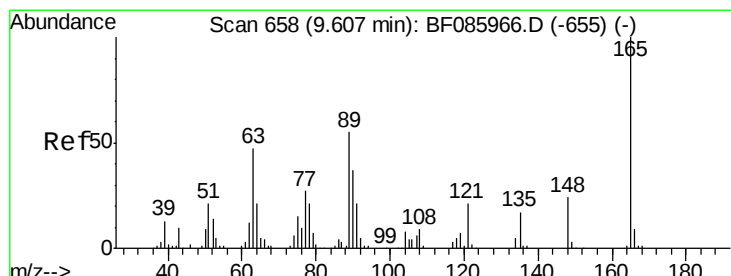
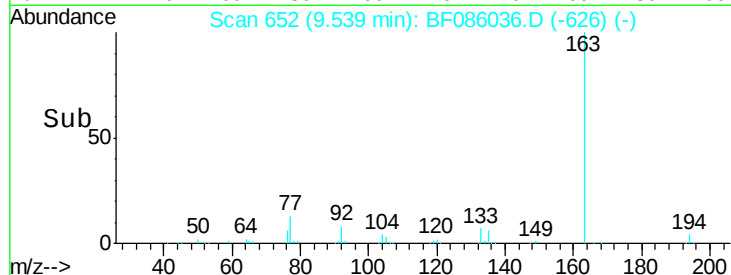
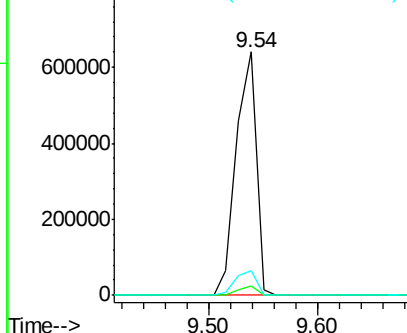
#49
Dimethylphthalate
Concen: 40.98 ng
RT: 9.54 min Scan# 652
Delta R.T. 0.00 min
Lab File: BF086036.D
Acq: 4 Apr 2016 14:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:163 Resp: 812513
Ion Ratio Lower Upper
163 100
194 3.8 2.9 4.3
164 10.0 8.3 12.5

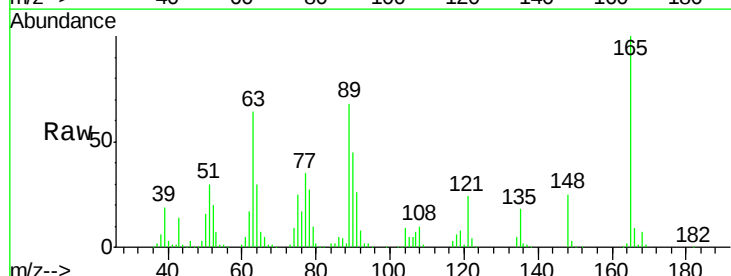


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

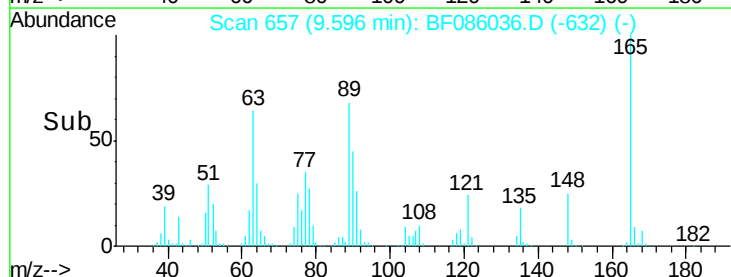
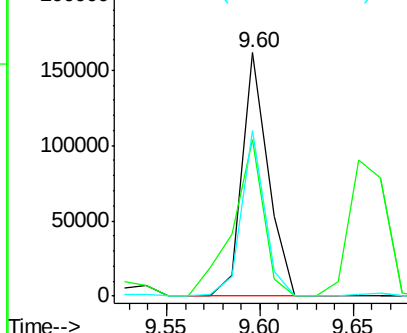


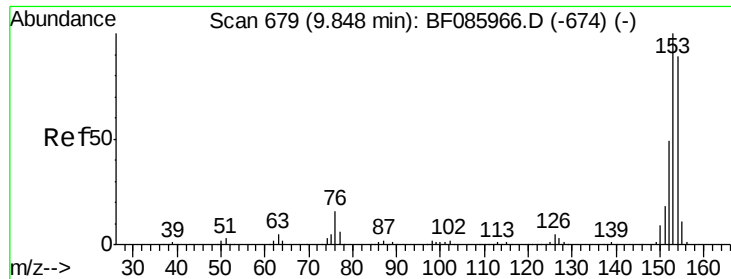
#50
2,6-Dinitrotoluene
Concen: 37.68 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF086036.D
Acq: 4 Apr 2016 14:07

Tgt Ion:165 Resp: 158076
Ion Ratio Lower Upper
165 100
63 64.4 51.8 77.8
89 67.9 53.7 80.5



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.92 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF086036.D

Acq: 4 Apr 2016 14:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

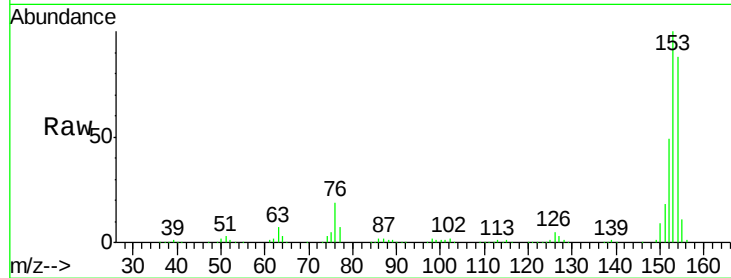
Tgt Ion:154 Resp: 604078

Ion Ratio Lower Upper

154 100

153 114.1 90.1 135.1

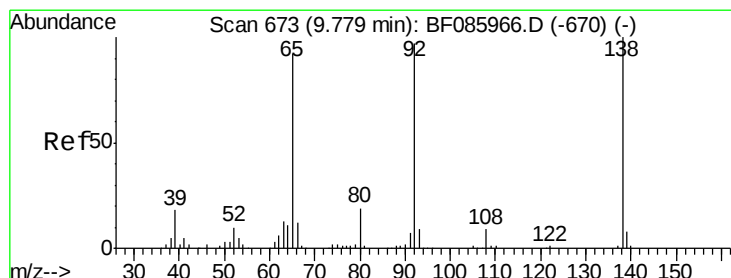
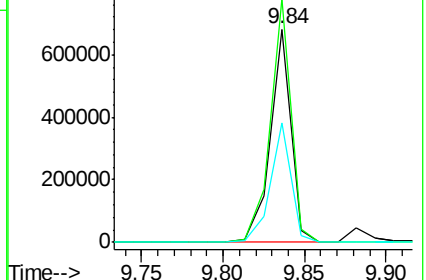
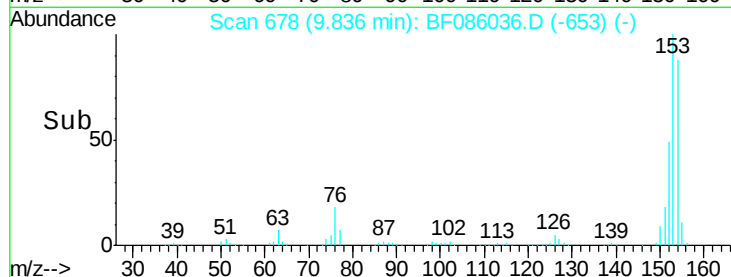
152 55.9 44.2 66.2



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: 37.52 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.01 min

Lab File: BF086036.D

Acq: 4 Apr 2016 14:07

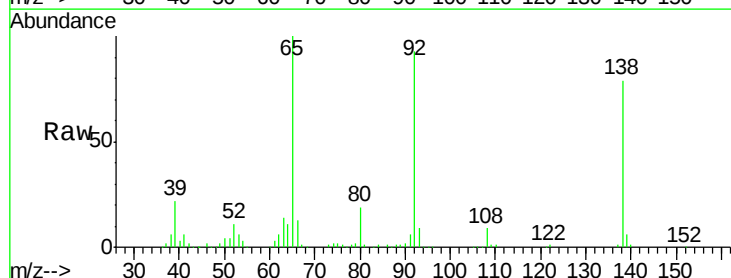
Tgt Ion:138 Resp: 189722

Ion Ratio Lower Upper

138 100

108 10.9 8.7 13.1

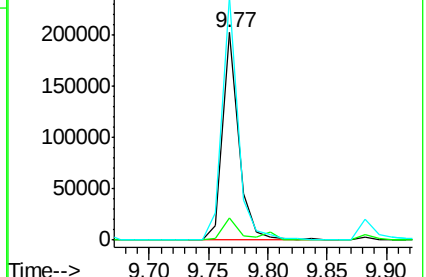
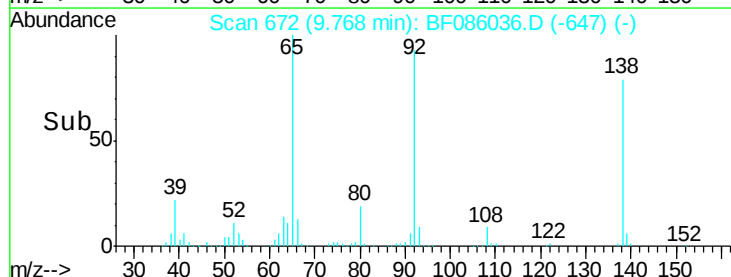
92 117.4 93.3 139.9

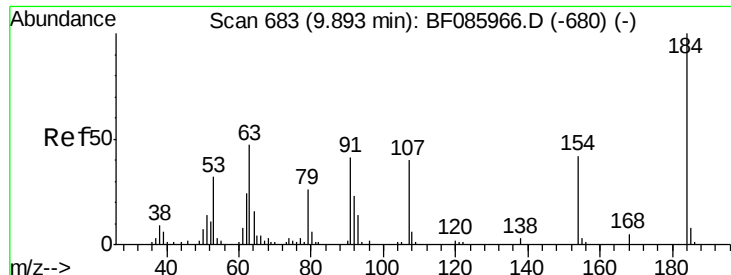


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

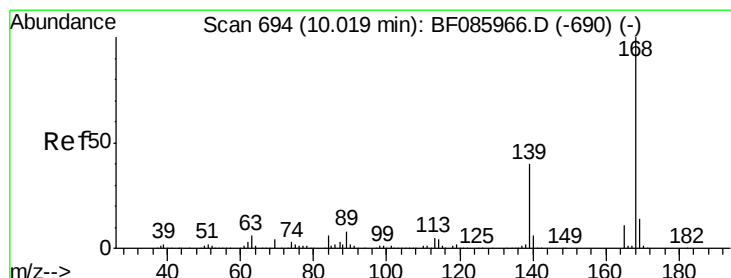
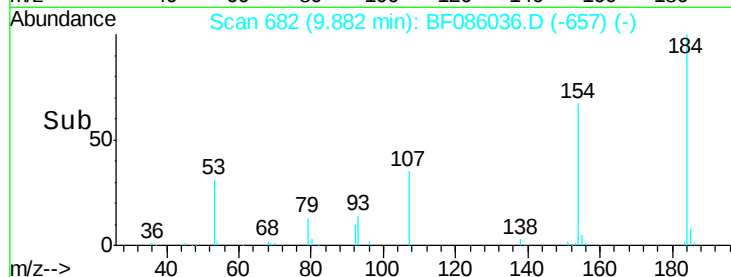
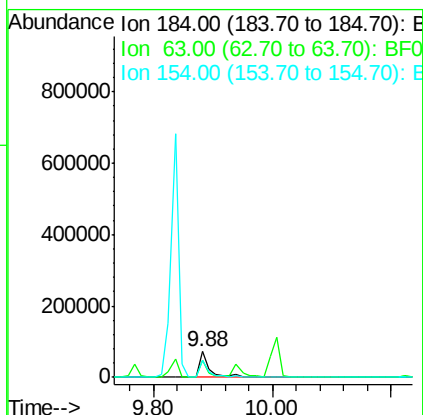
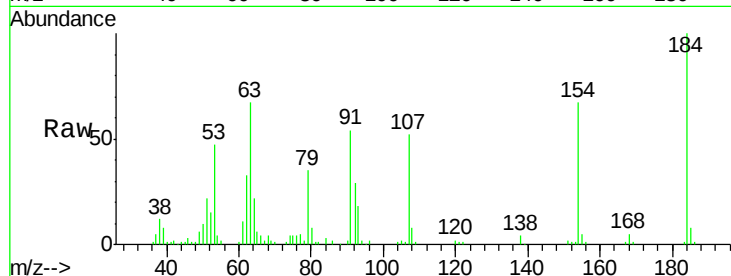




#53
2,4-Dinitrophenol
Concen: 41.91 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF086036.D
Acq: 4 Apr 2016 14:07

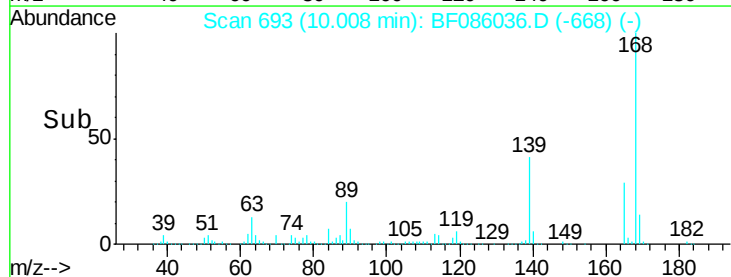
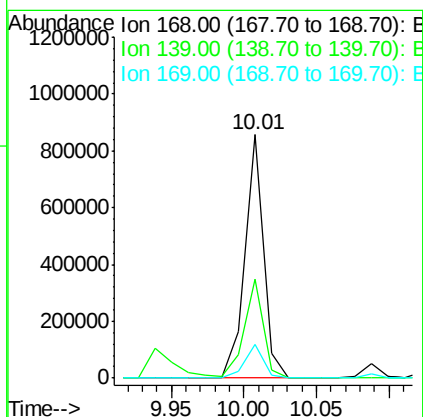
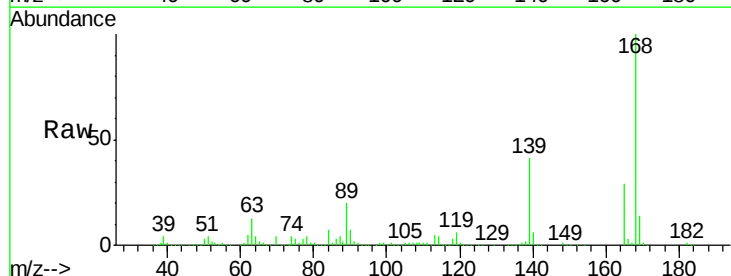
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

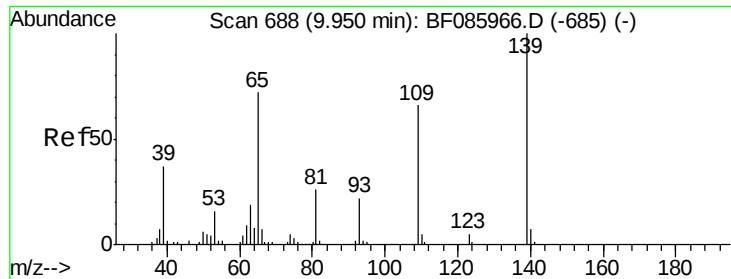
Tgt Ion:184 Resp: 89002
Ion Ratio Lower Upper
184 100
63 67.0 69.5 104.3#
154 66.7 58.3 87.5



#54
Dibenzofuran
Concen: 36.21 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF086036.D
Acq: 4 Apr 2016 14:07

Tgt Ion:168 Resp: 761845
Ion Ratio Lower Upper
168 100
139 40.5 31.9 47.9
169 13.9 11.0 16.6

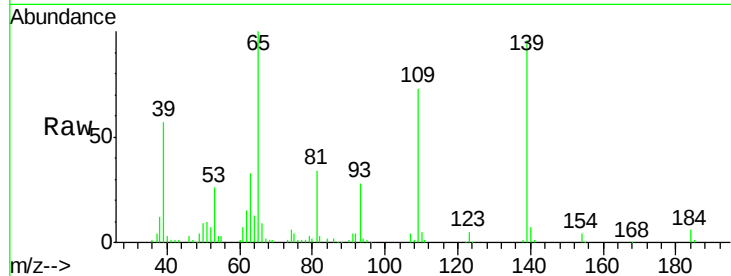




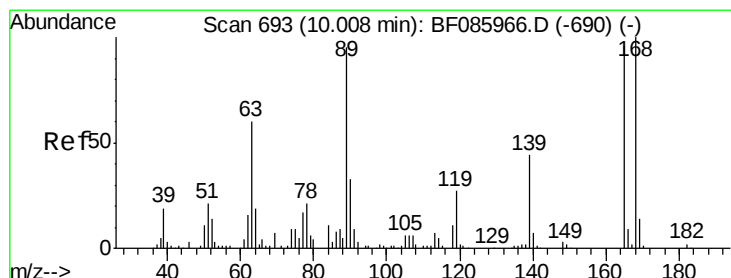
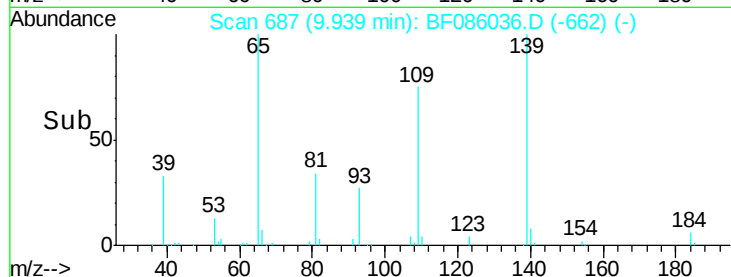
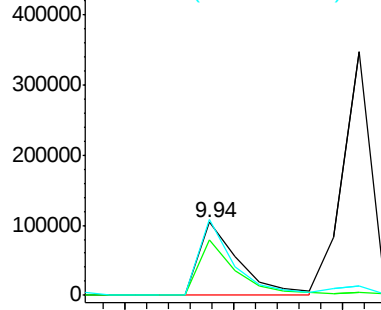
#55
4-Nitrophenol
Concen: 44.98 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF086036.D
Acq: 4 Apr 2016 14:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:139 Resp: 134084
Ion Ratio Lower Upper
139 100
109 75.9 49.2 89.2
65 104.1 66.9 106.9

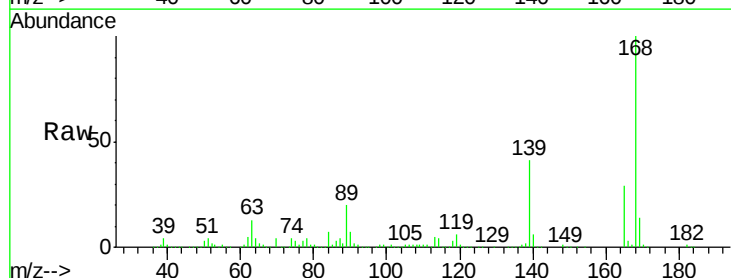


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

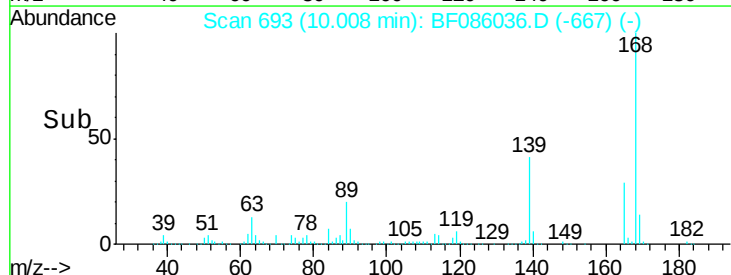
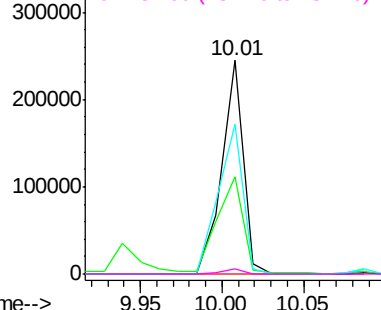


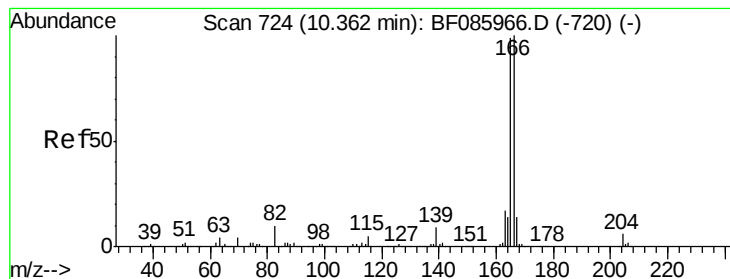
#56
2,4-Dinitrotoluene
Concen: 42.01 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF086036.D
Acq: 4 Apr 2016 14:07

Tgt Ion:165 Resp: 222715
Ion Ratio Lower Upper
165 100
63 45.7 24.9 37.3#
89 70.0 41.0 61.6#
182 2.6 2.1 3.1



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 38.13 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF086036.D

Acq: 4 Apr 2016 14:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

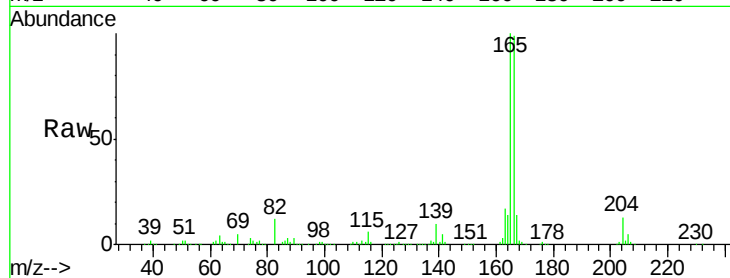
Tgt Ion:166 Resp: 685219

Ion Ratio Lower Upper

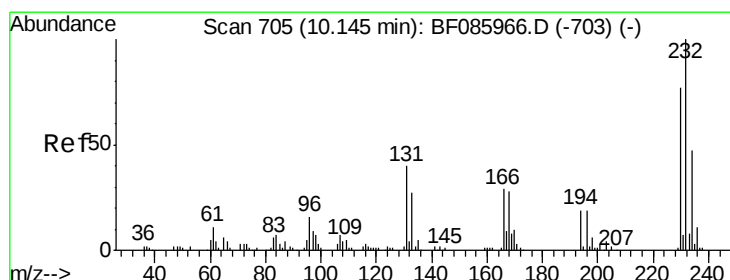
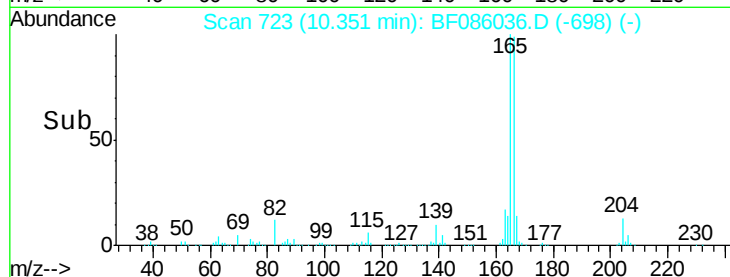
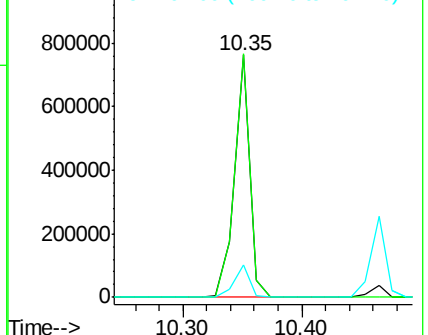
166 100

165 100.6 79.4 119.0

167 13.6 11.0 16.4



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: 41.45 ng

RT: 10.13 min Scan# 704

Delta R.T. -0.01 min

Lab File: BF086036.D

Acq: 4 Apr 2016 14:07

Tgt Ion:232 Resp: 161805

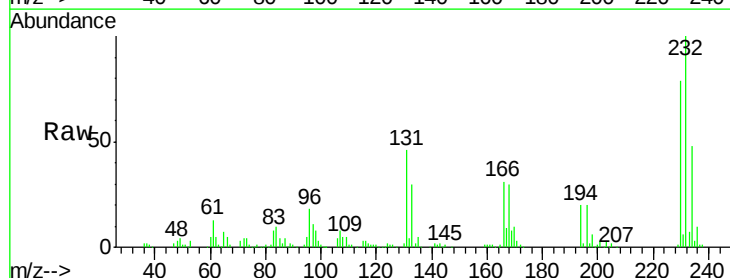
Ion Ratio Lower Upper

232 100

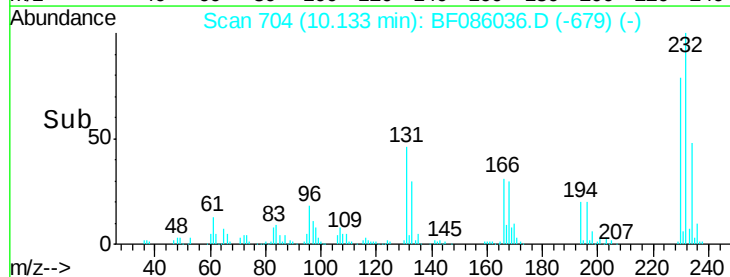
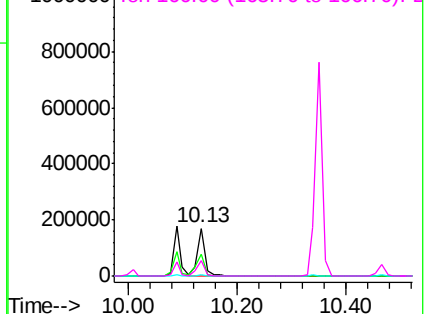
131 52.4 44.9 67.3

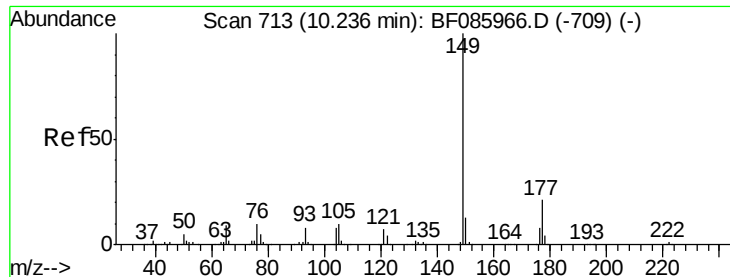
130 2.6 2.3 3.5

166 32.7 28.1 42.1



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

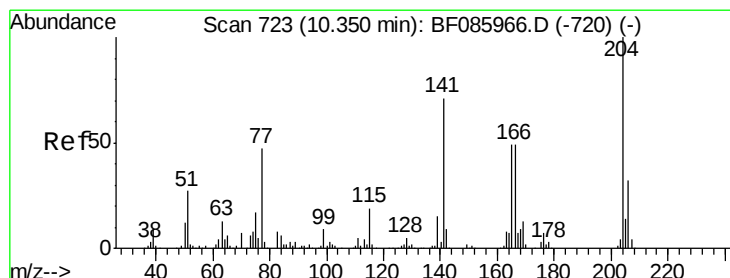
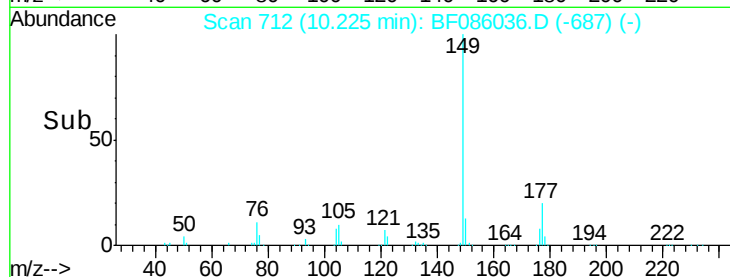
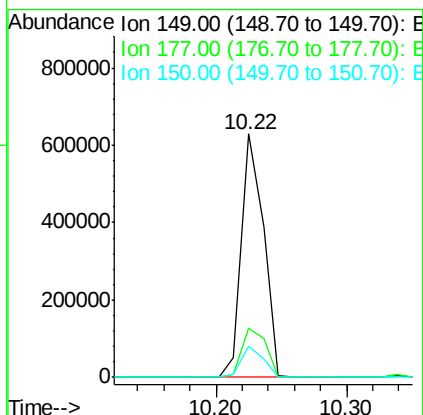
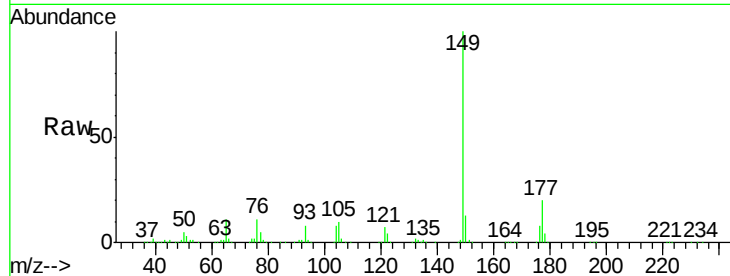




#59
Diethylphthalate
Concen: 36.93 ng
RT: 10.22 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF086036.D
Acq: 4 Apr 2016 14:07

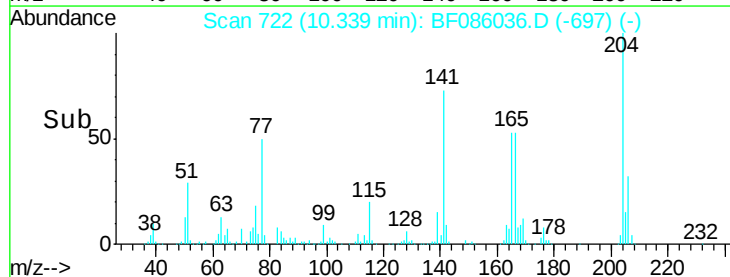
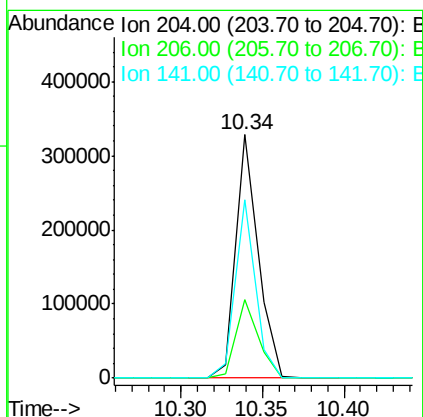
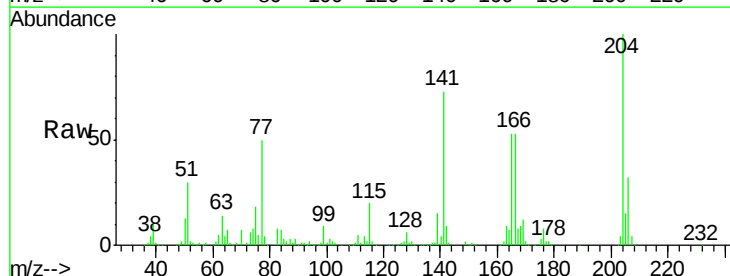
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

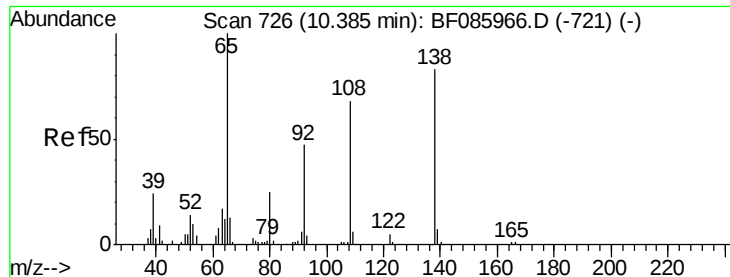
Tgt Ion:149 Resp: 739052
Ion Ratio Lower Upper
149 100
177 20.1 17.9 26.9
150 12.9 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 36.88 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF086036.D
Acq: 4 Apr 2016 14:07

Tgt Ion:204 Resp: 308767
Ion Ratio Lower Upper
204 100
206 32.4 26.6 39.8
141 73.1 57.4 86.0





#61

4-Nitroaniline

Concen: 39.96 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF086036.D

Acq: 4 Apr 2016 14:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

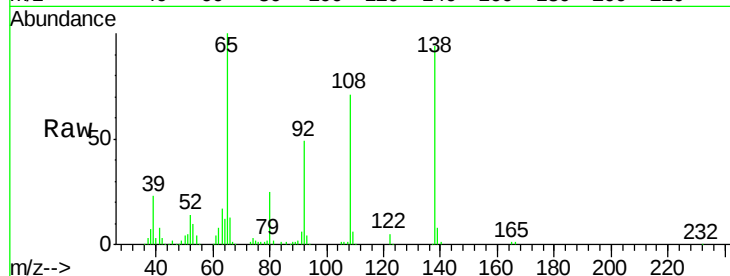
Tgt Ion:138 Resp: 198970

Ion Ratio Lower Upper

138 100

92 52.0 26.4 66.4

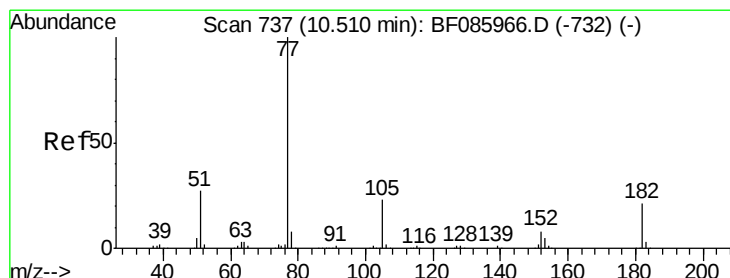
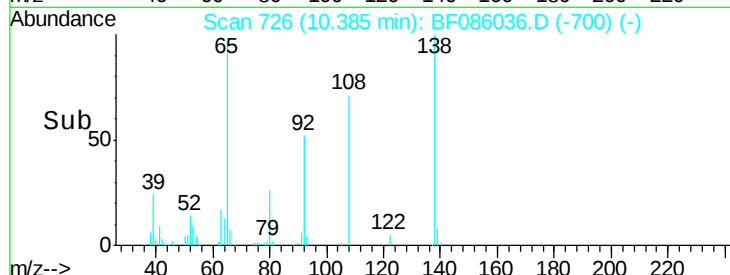
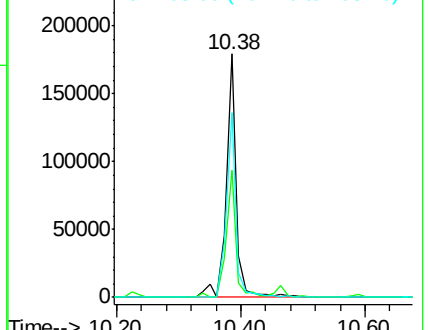
108 75.7 49.0 89.0



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: 38.71 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF086036.D

Acq: 4 Apr 2016 14:07

Tgt Ion: 77 Resp: 742042

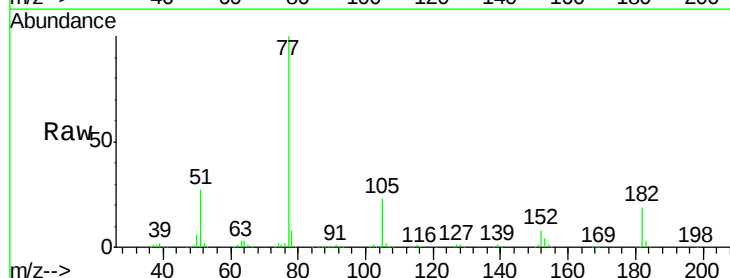
Ion Ratio Lower Upper

77 100

182 18.8 1.9 41.9

105 22.7 3.5 43.5

51 27.5 6.3 46.3

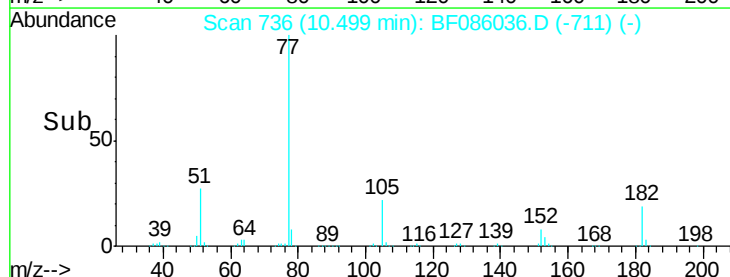
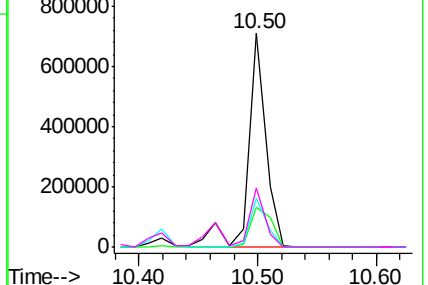


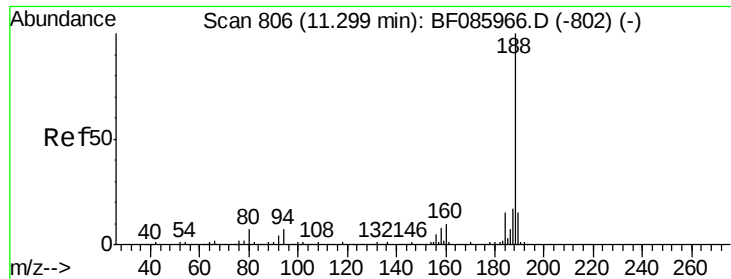
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

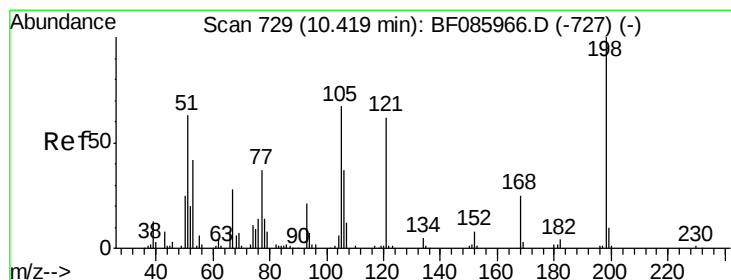
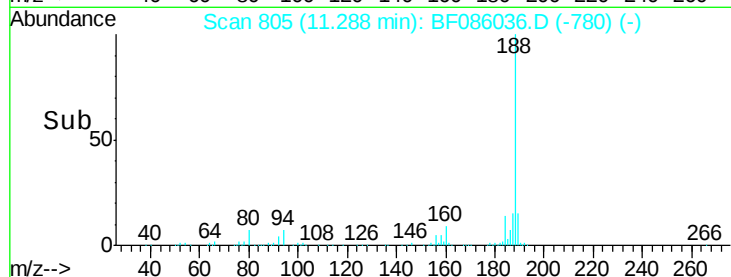
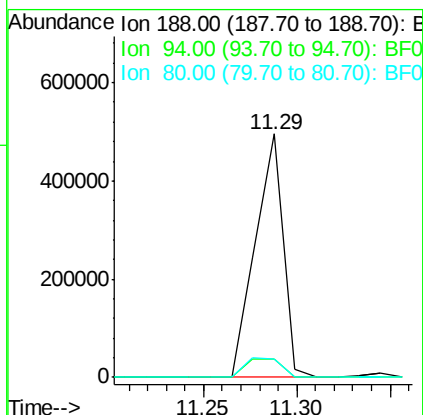
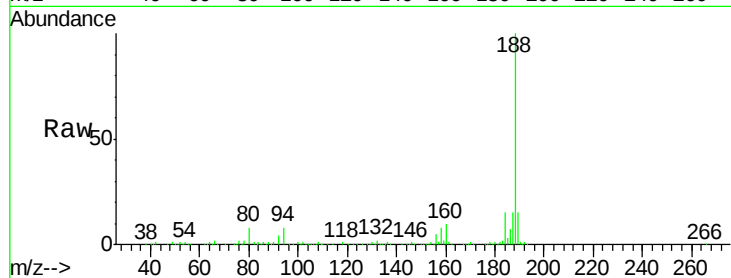




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF086036.D
Acq: 4 Apr 2016 14:07

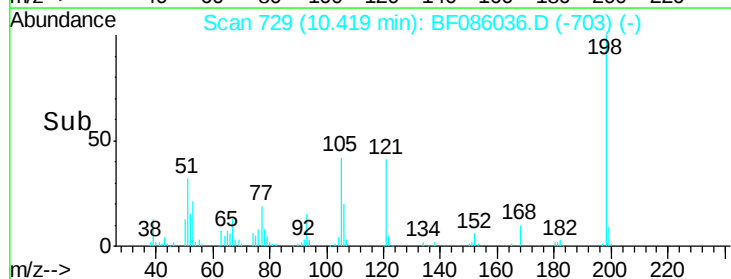
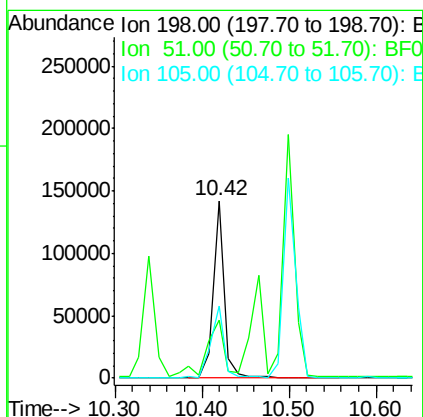
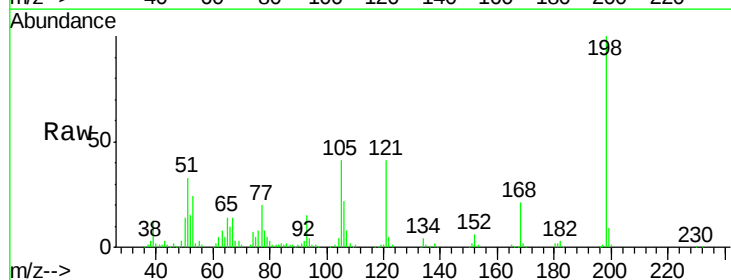
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

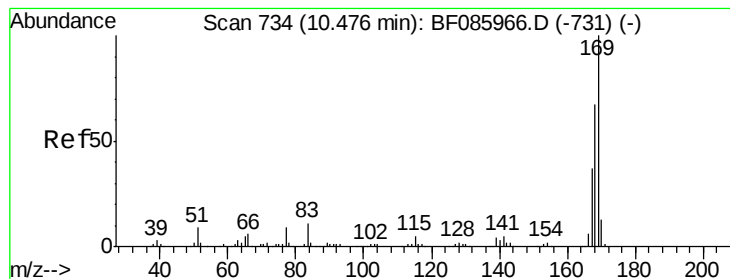
Tgt Ion:188 Resp: 520724
Ion Ratio Lower Upper
188 100
94 7.6 5.4 8.0
80 7.5 5.5 8.3



#64
4,6-Dinitro-2-methylphenol
Concen: 40.77 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF086036.D
Acq: 4 Apr 2016 14:07

Tgt Ion:198 Resp: 128656
Ion Ratio Lower Upper
198 100
51 32.5 45.4 85.4#
105 40.8 45.9 85.9#





#65

n-Nitrosodiphenylamine

Concen: 37.36 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF086036.D

Acq: 4 Apr 2016 14:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

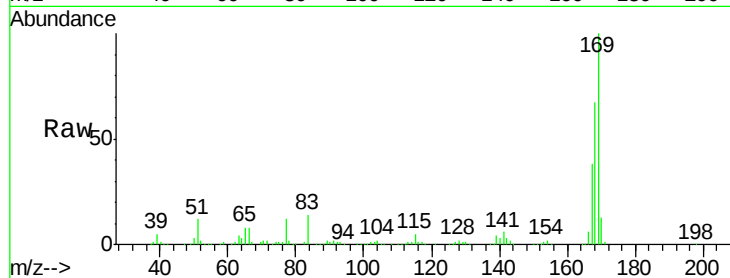
Tgt Ion:169 Resp: 608369

Ion Ratio Lower Upper

169 100

168 67.3 54.4 81.6

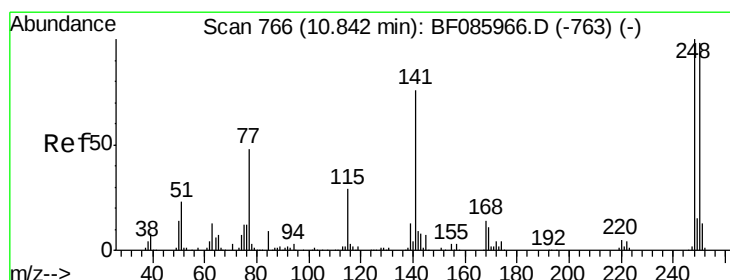
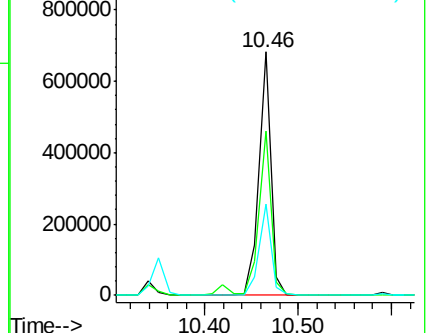
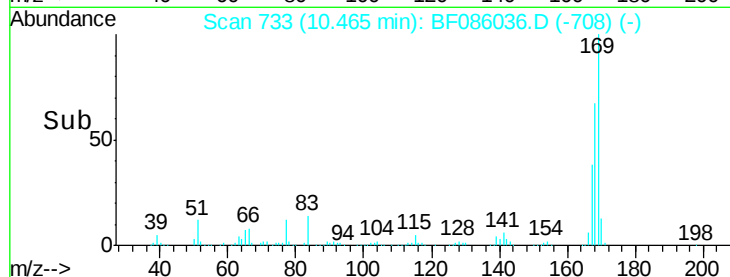
167 37.6 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.22 ng

RT: 10.83 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF086036.D

Acq: 4 Apr 2016 14:07

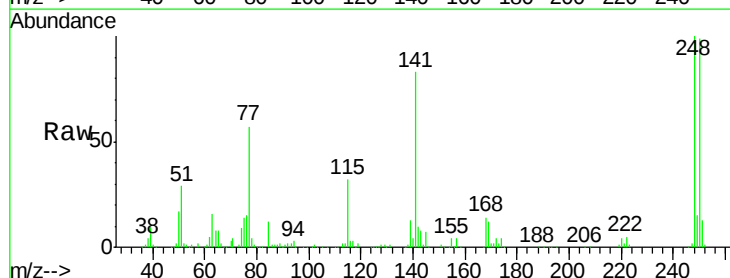
Tgt Ion:248 Resp: 203174

Ion Ratio Lower Upper

248 100

250 99.1 77.4 116.0

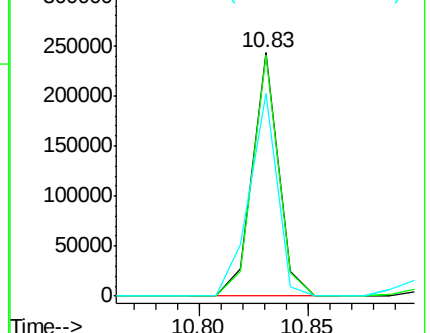
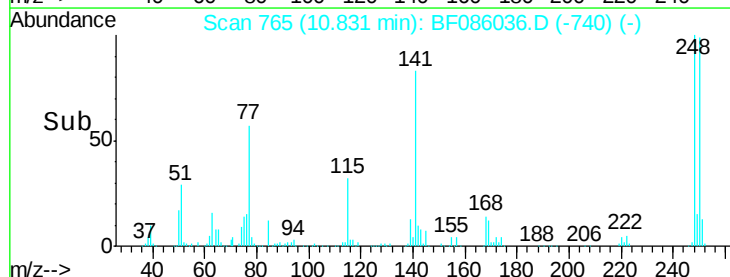
141 83.2 63.6 95.4

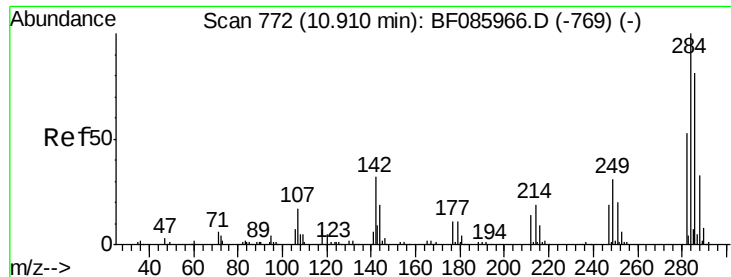


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

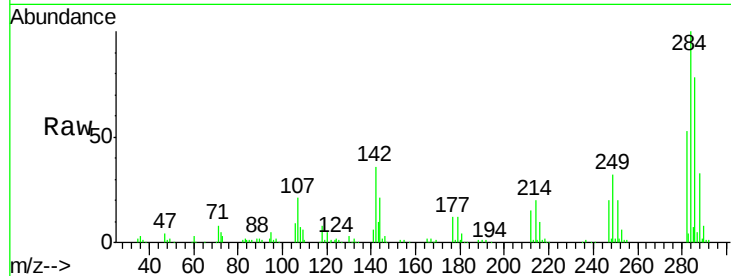




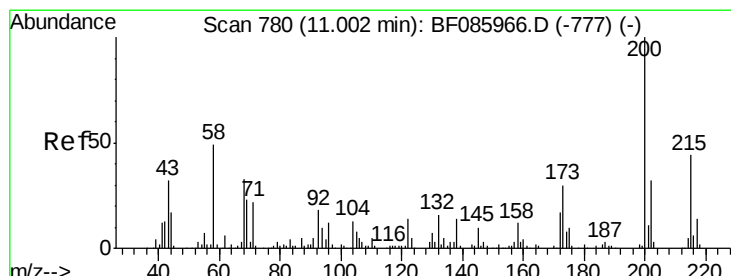
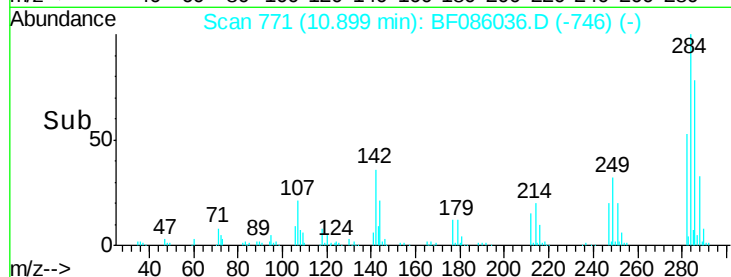
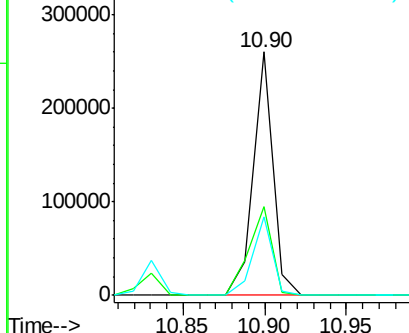
#67
Hexachlorobenzene
Concen: 39.95 ng
RT: 10.90 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF086036.D
Acq: 4 Apr 2016 14:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:284 Resp: 219631
Ion Ratio Lower Upper
284 100
142 36.3 23.1 34.7#
249 32.2 24.2 36.2

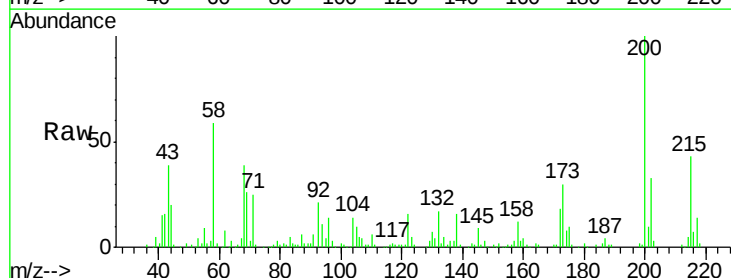


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

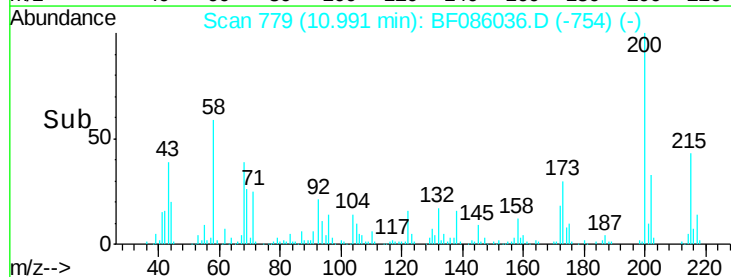
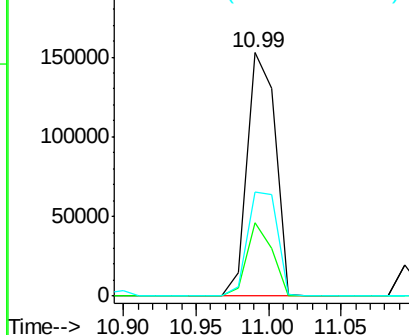


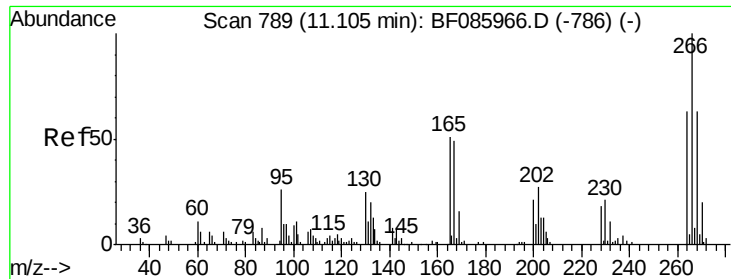
#68
Atrazine
Concen: 39.16 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF086036.D
Acq: 4 Apr 2016 14:07

Tgt Ion:200 Resp: 206051
Ion Ratio Lower Upper
200 100
173 29.9 7.7 47.7
215 42.9 25.4 65.4



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

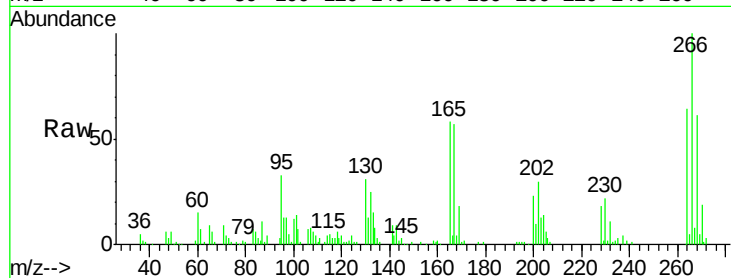




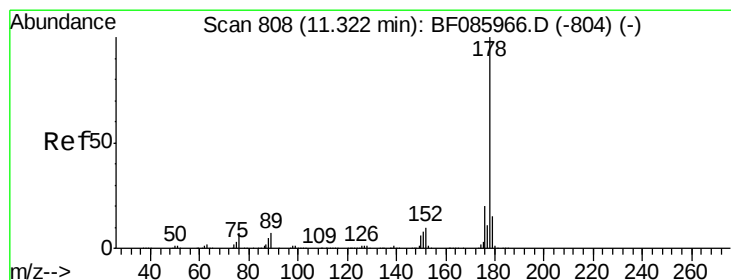
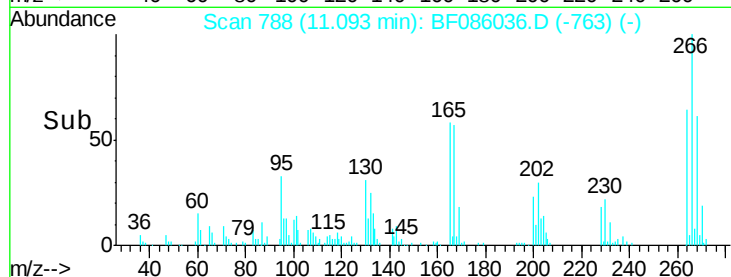
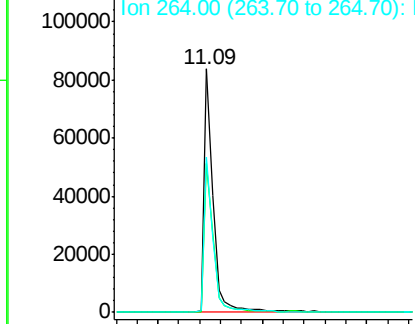
#69
 Pentachlorophenol
 Concen: 39.76 ng
 RT: 11.09 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF086036.D
 Acq: 4 Apr 2016 14:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:266 Resp: 102441
 Ion Ratio Lower Upper
 266 100
 268 61.3 51.5 77.3
 264 63.7 50.6 76.0

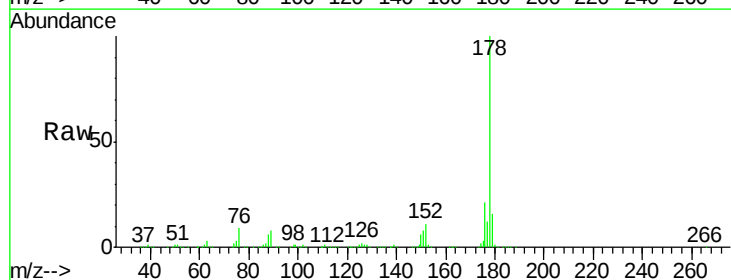


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

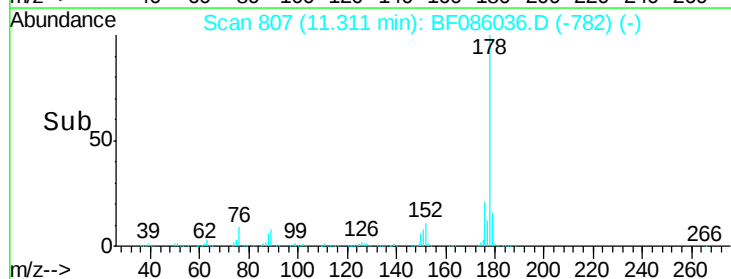
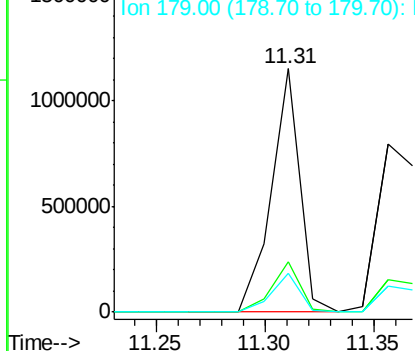


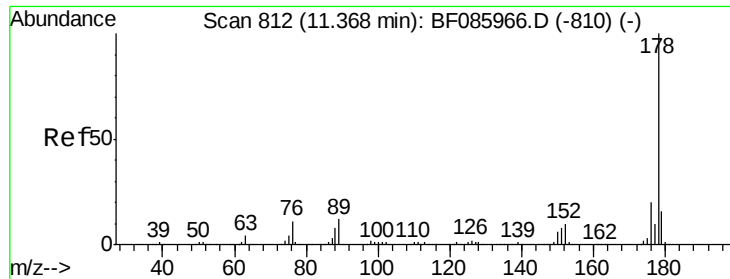
#70
 Phenanthrene
 Concen: 37.40 ng
 RT: 11.31 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF086036.D
 Acq: 4 Apr 2016 14:07

Tgt Ion:178 Resp: 1062518
 Ion Ratio Lower Upper
 178 100
 176 20.7 16.3 24.5
 179 16.1 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

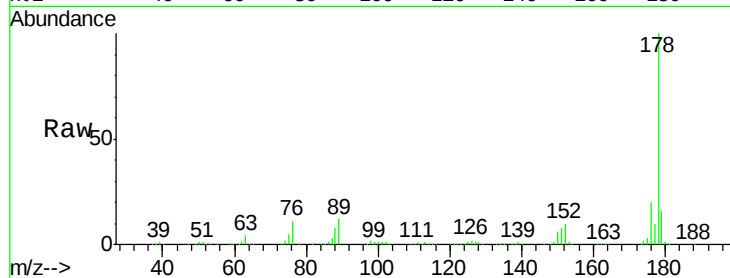




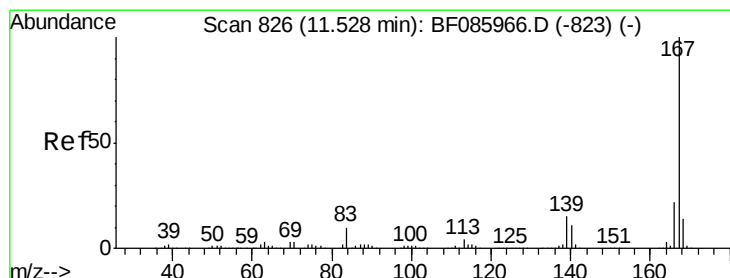
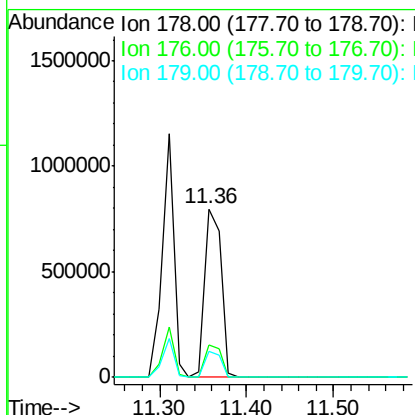
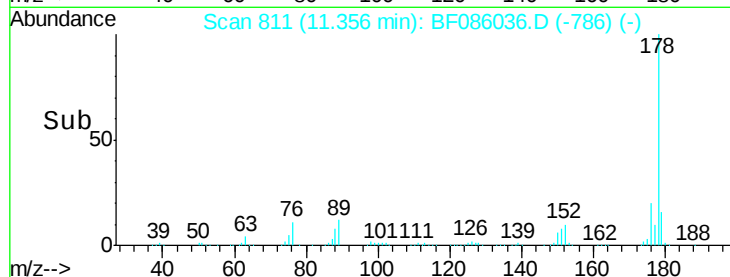
#71
 Anthracene
 Concen: 35.58 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF086036.D
 Acq: 4 Apr 2016 14:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:178 Resp: 1058772
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.9 23.9
 179 15.8 13.0 19.4

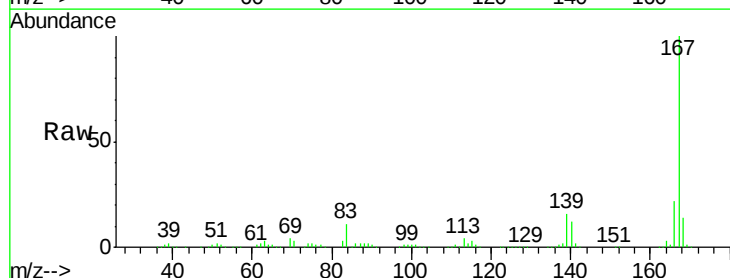


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

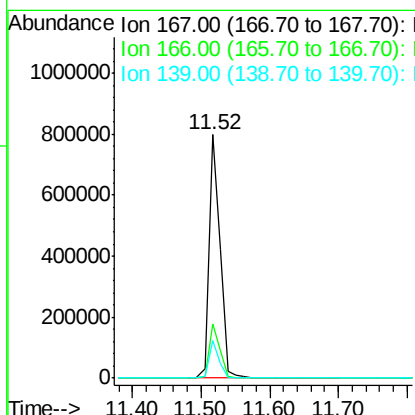
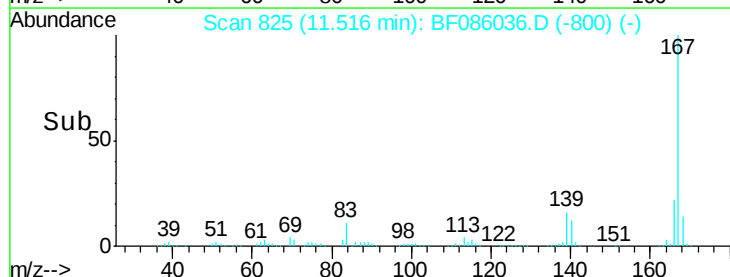


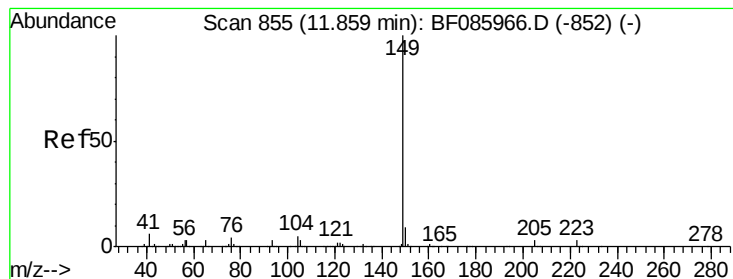
#72
 Carbazole
 Concen: 34.78 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF086036.D
 Acq: 4 Apr 2016 14:07

Tgt Ion:167 Resp: 889709
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.8
 139 15.6 11.6 17.4



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: 35.71 ng

RT: 11.85 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF086036.D

Acq: 4 Apr 2016 14:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

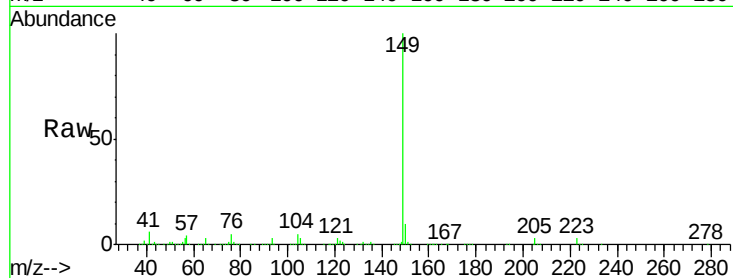
Tgt Ion:149 Resp: 1131981

Ion Ratio Lower Upper

149 100

150 9.6 7.6 11.4

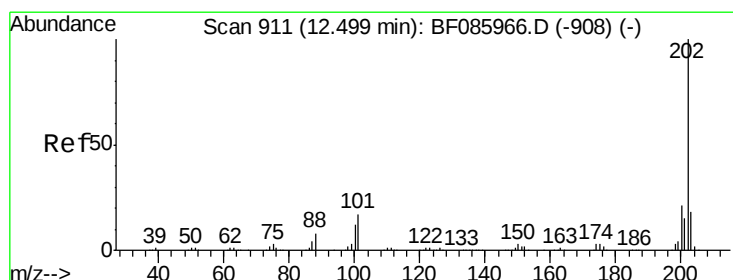
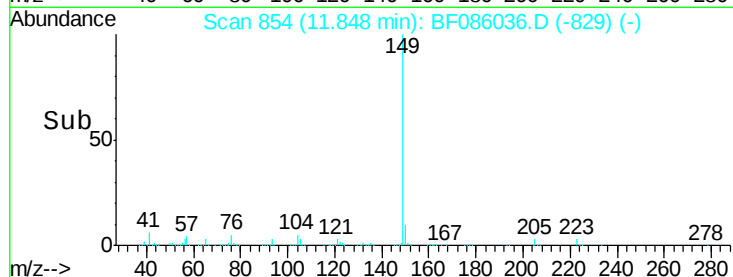
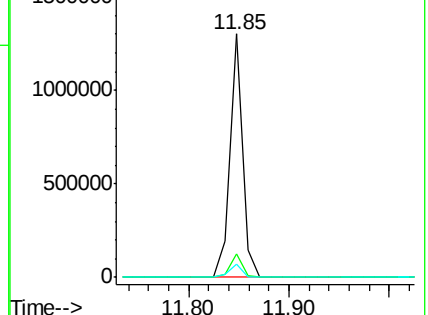
104 5.2 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.22 ng

RT: 12.50 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF086036.D

Acq: 4 Apr 2016 14:07

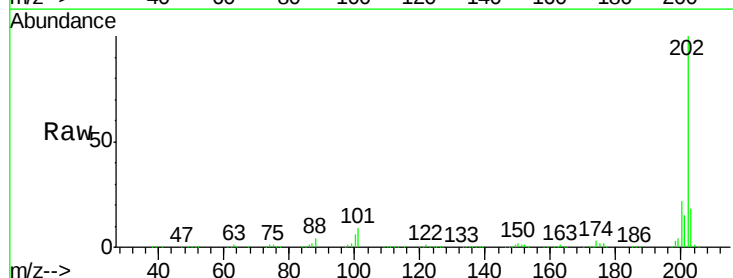
Tgt Ion:202 Resp: 1099609

Ion Ratio Lower Upper

202 100

101 8.7 0.0 36.6

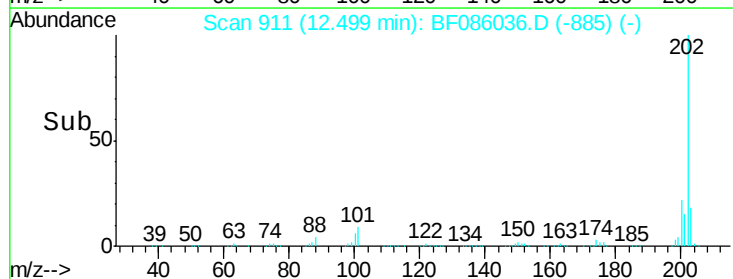
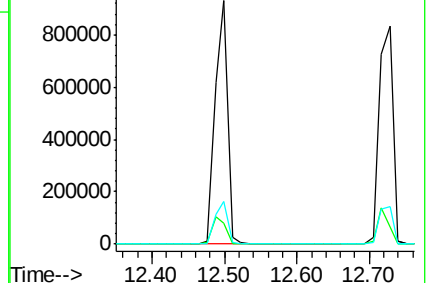
203 17.6 0.0 38.1

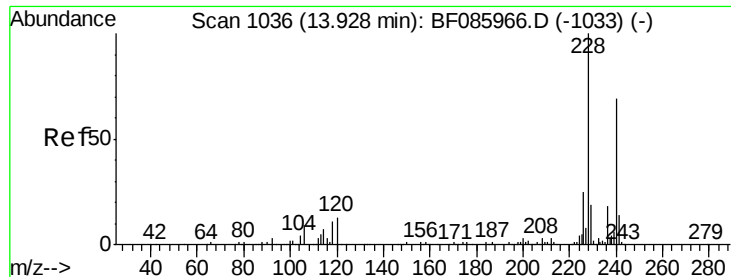


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF086036.D

Acq: 4 Apr 2016 14:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

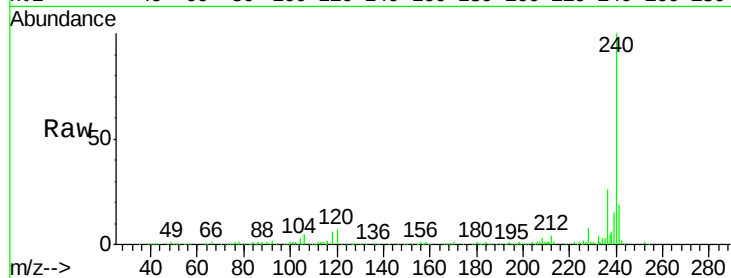
Tgt Ion:240 Resp: 398893

Ion Ratio Lower Upper

240 100

120 7.0 13.8 20.8#

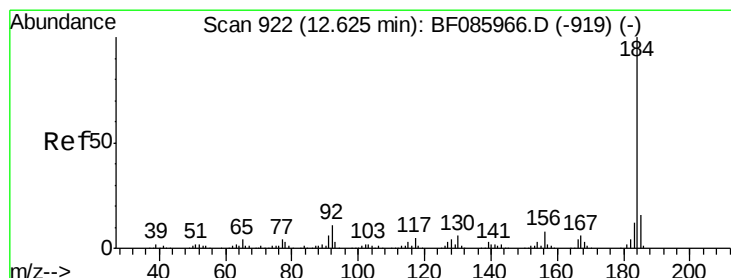
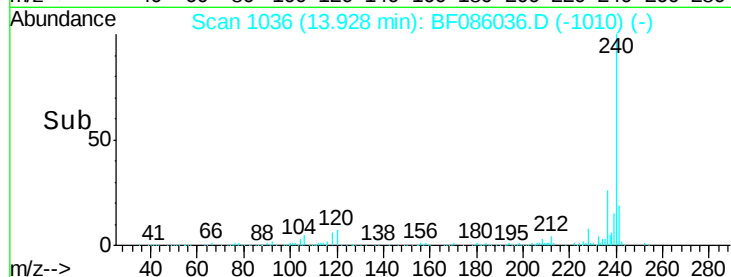
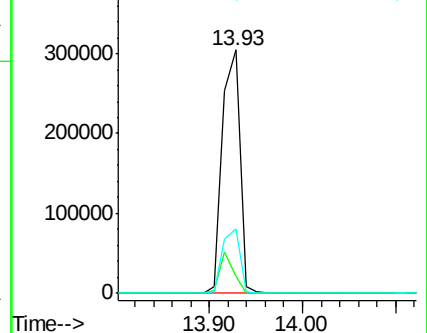
236 26.3 20.6 30.8



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: 34.08 ng

RT: 12.63 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF086036.D

Acq: 4 Apr 2016 14:07

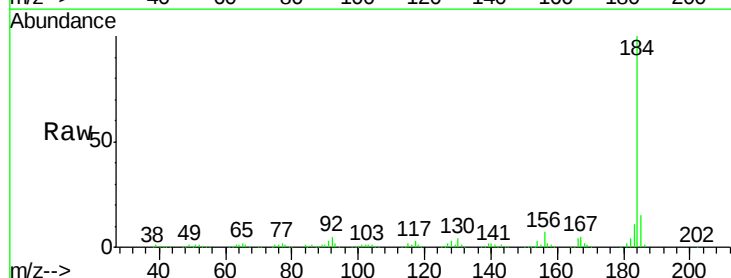
Tgt Ion:184 Resp: 479568

Ion Ratio Lower Upper

184 100

185 14.6 12.4 18.6

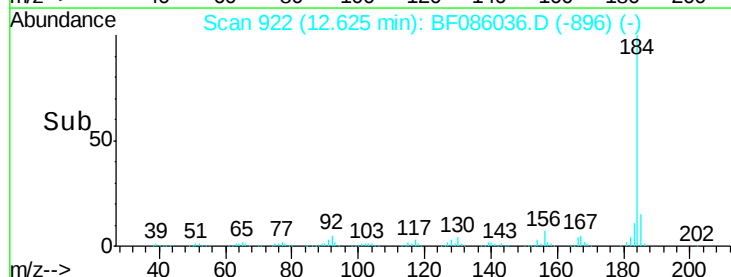
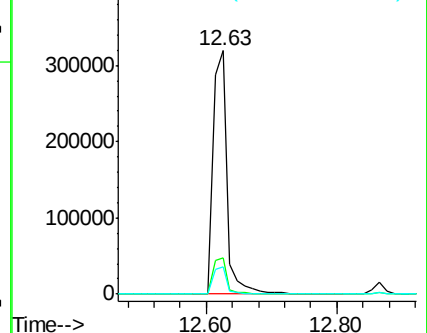
183 11.3 9.4 14.2

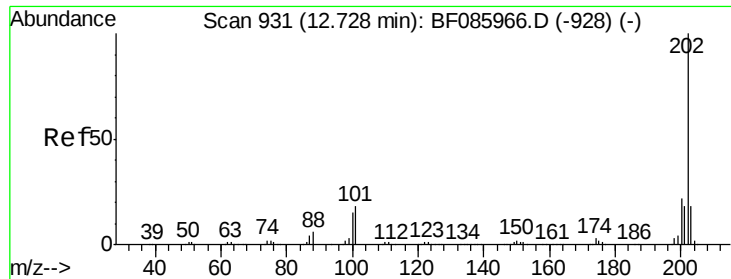


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

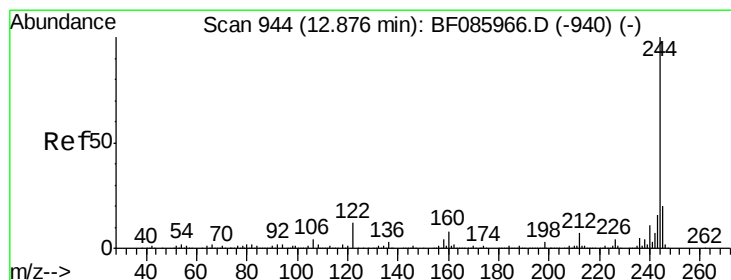
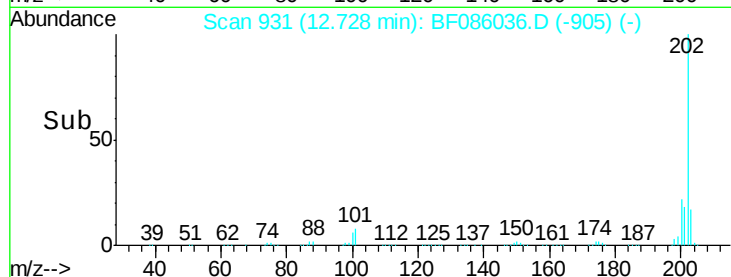
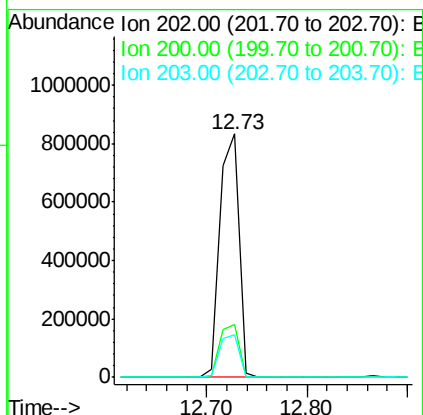
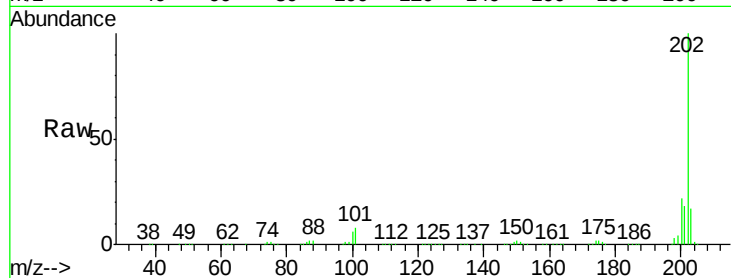




#77
 Pyrene
 Concen: 39.21 ng
 RT: 12.73 min Scan# 931
 Delta R.T. 0.00 min
 Lab File: BF086036.D
 Acq: 4 Apr 2016 14:07

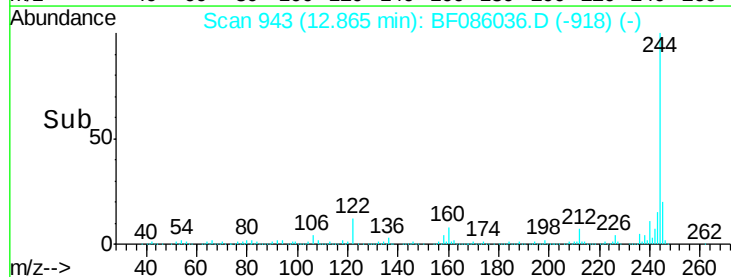
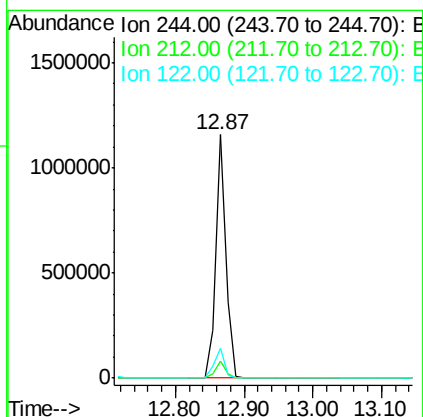
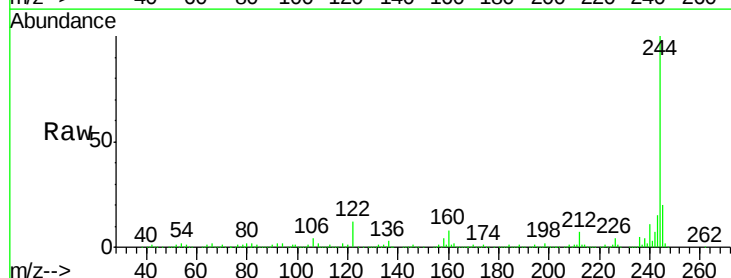
Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

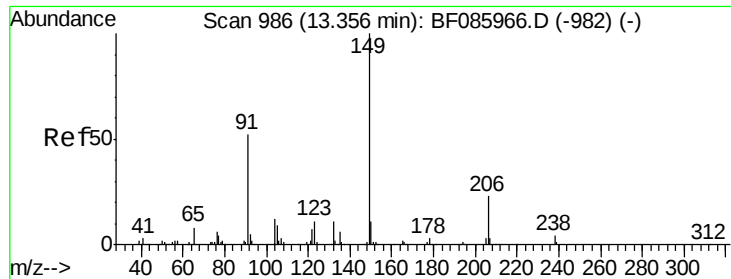
Tgt Ion:202 Resp: 1102233
 Ion Ratio Lower Upper
 202 100
 200 21.8 17.6 26.4
 203 17.4 14.0 21.0



#78
 Terphenyl-d14
 Concen: 71.22 ng
 RT: 12.87 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: BF086036.D
 Acq: 4 Apr 2016 14:07

Tgt Ion:244 Resp: 1208477
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 12.1 10.2 15.4

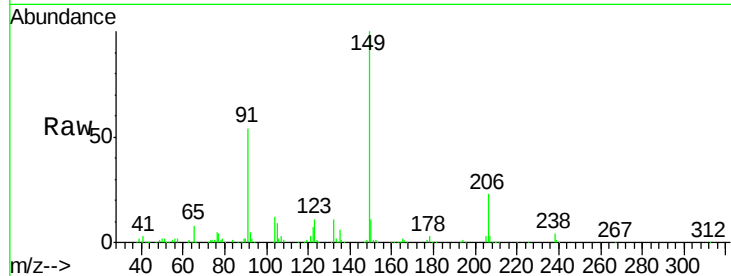




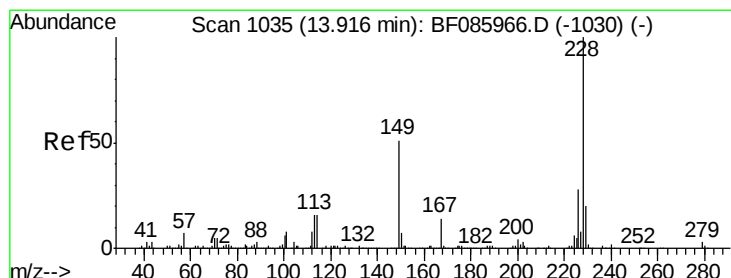
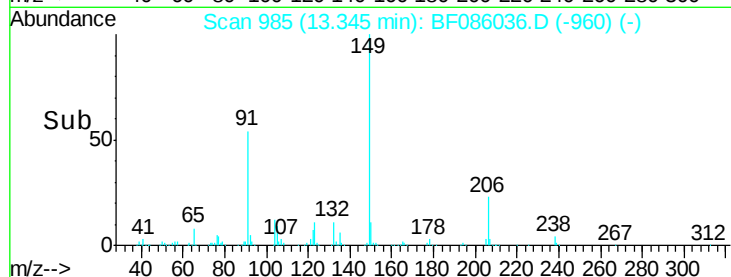
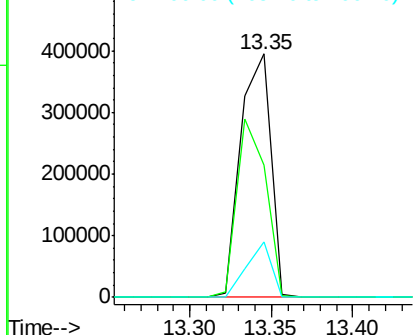
#79
Butylbenzylphthalate
Concen: 39.81 ng
RT: 13.35 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF086036.D
Acq: 4 Apr 2016 14:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
149	100		
91	54.1	45.8	68.8
206	22.7	17.8	26.8

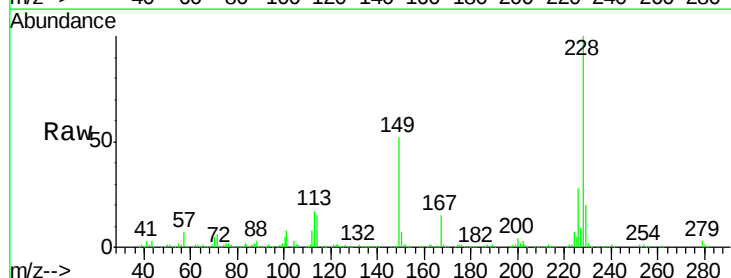


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

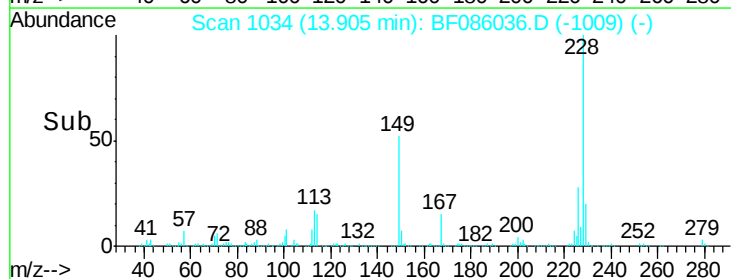
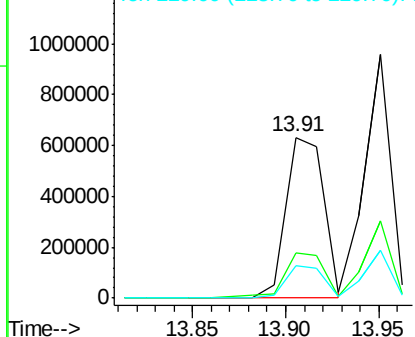


#80
Benzo(a)anthracene
Concen: 38.26 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF086036.D
Acq: 4 Apr 2016 14:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.1	33.1
229	20.0	16.2	24.4



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

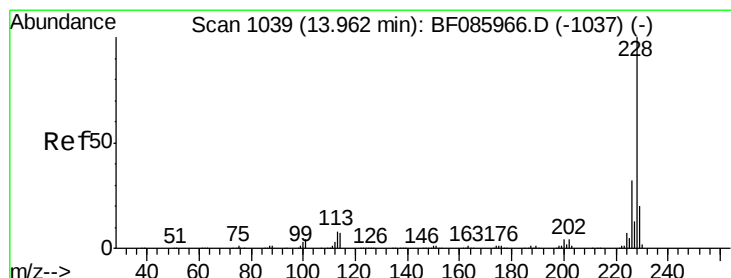
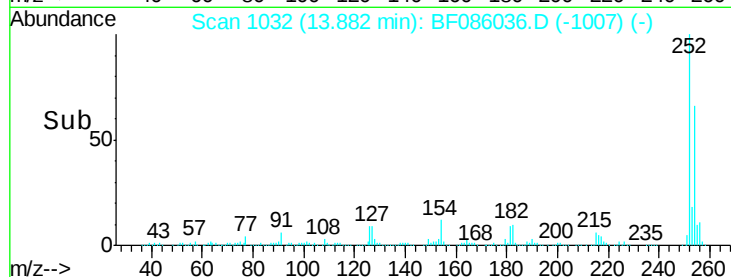
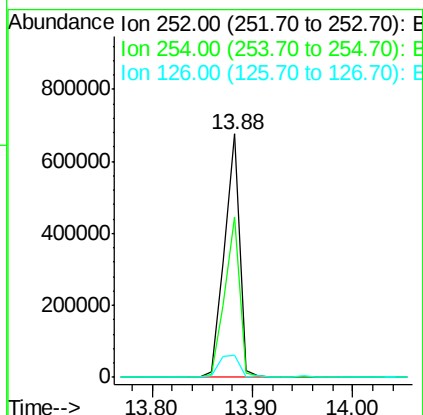
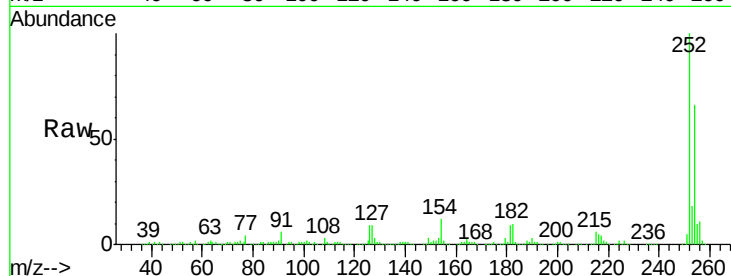




#81
 3,3'-Dichlorobenzidine
 Concen: 41.55 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF086036.D
 Acq: 4 Apr 2016 14:07

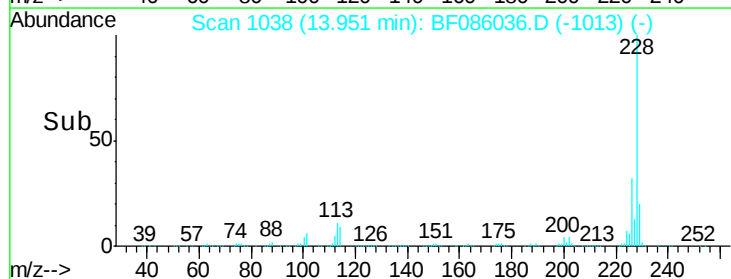
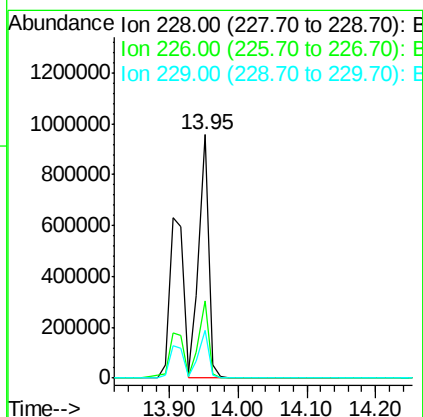
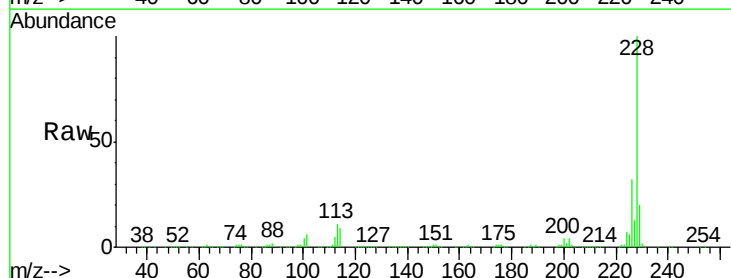
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

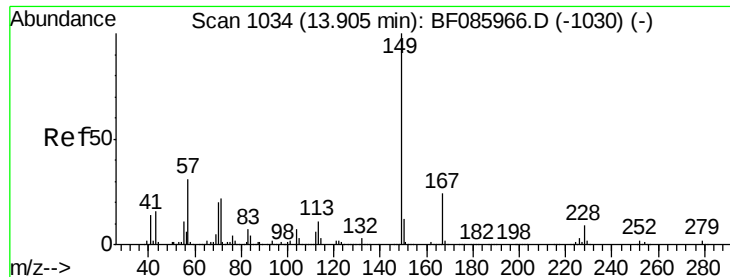
Tgt Ion:252 Resp: 713518
 Ion Ratio Lower Upper
 252 100
 254 66.0 50.7 76.1
 126 9.1 11.8 17.6#



#82
 Chrysene
 Concen: 41.06 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF086036.D
 Acq: 4 Apr 2016 14:07

Tgt Ion:228 Resp: 929870
 Ion Ratio Lower Upper
 228 100
 226 31.5 25.0 37.6
 229 19.7 15.7 23.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.86 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF086036.D

Acq: 4 Apr 2016 14:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

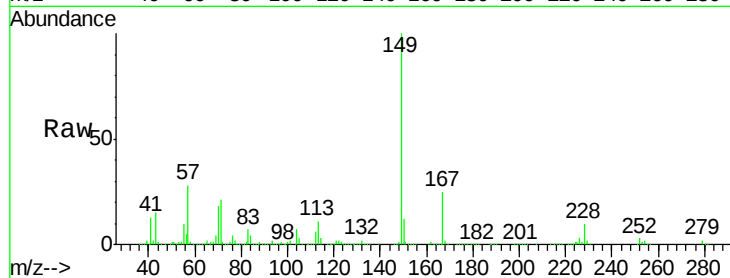
Tgt Ion:149 Resp: 635942

Ion Ratio Lower Upper

149 100

167 24.7 19.4 29.2

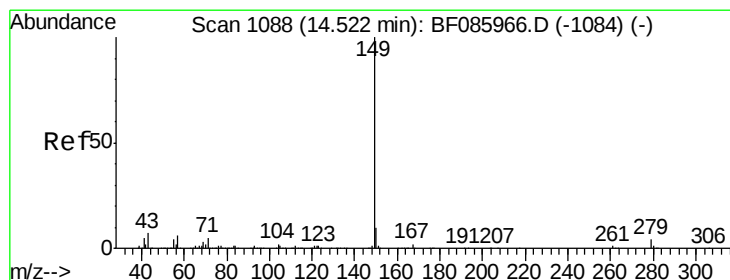
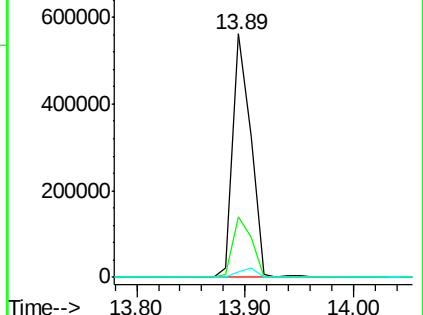
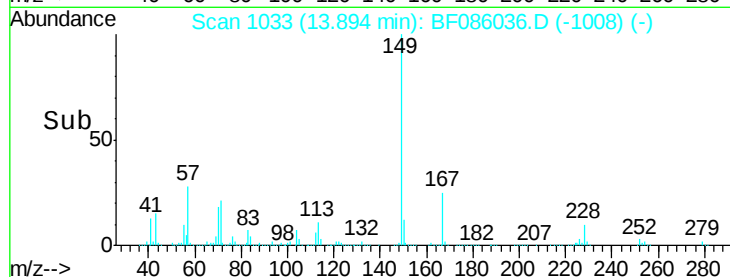
279 2.0 1.5 2.3



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: 41.68 ng

RT: 14.51 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BF086036.D

Acq: 4 Apr 2016 14:07

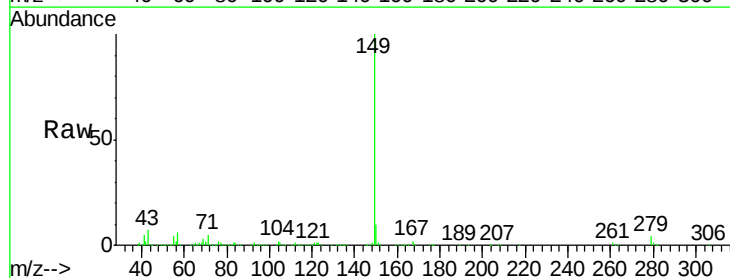
Tgt Ion:149 Resp: 1118117

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

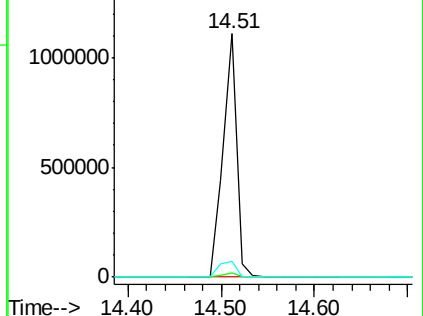
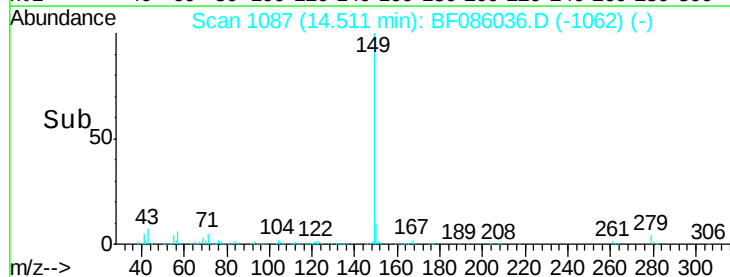
43 8.4 7.1 10.7



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

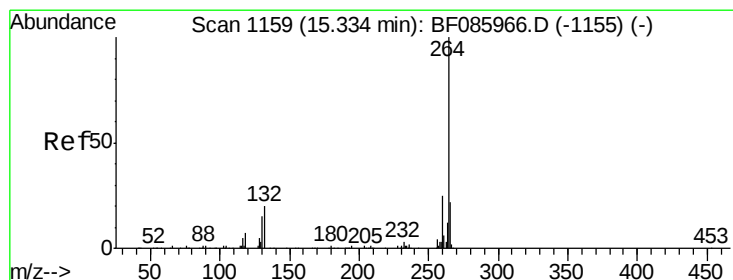
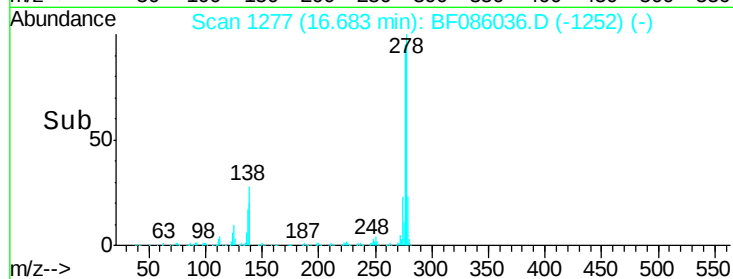
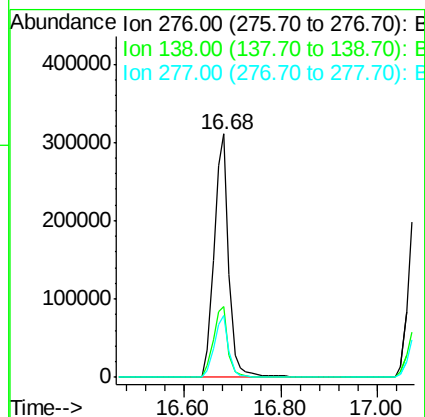
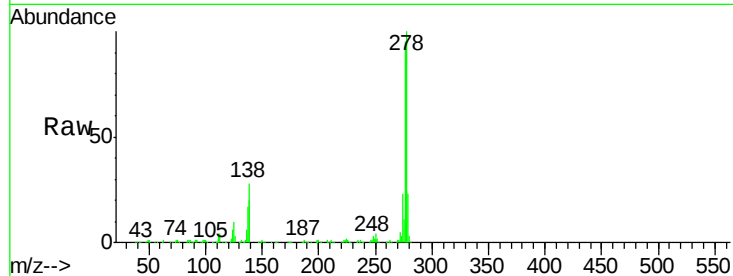




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.22 ng
 RT: 16.68 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BF086036.D
 Acq: 4 Apr 2016 14:07

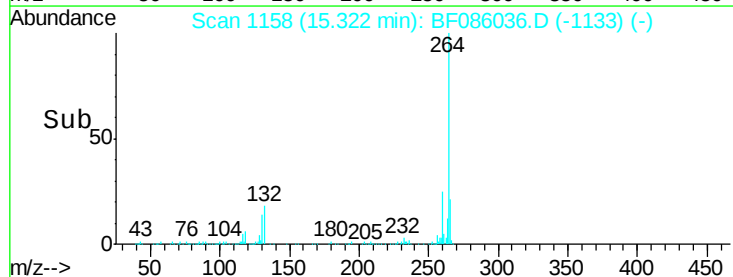
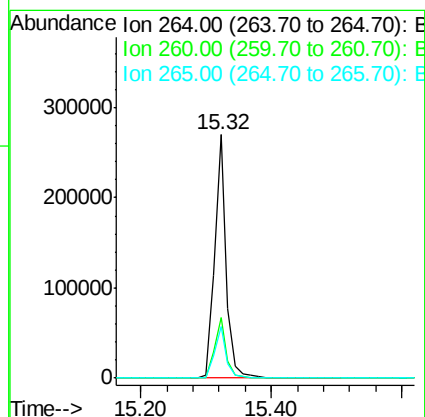
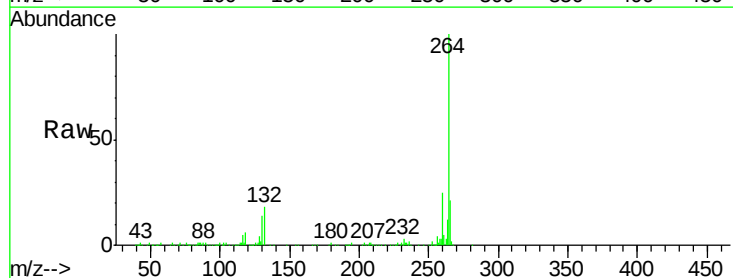
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

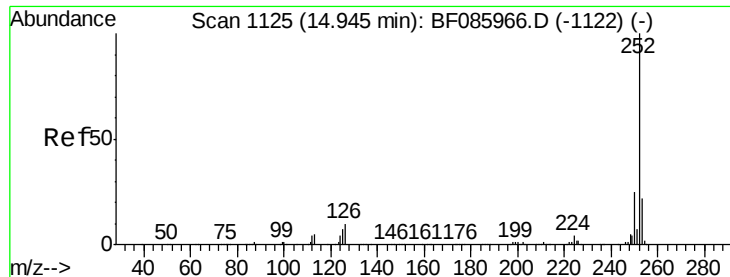
Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.3	24.2	36.4
277	24.9	20.0	30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BF086036.D
 Acq: 4 Apr 2016 14:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	21.0	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 75.16 ng

RT: 14.96 min Scan# 1126

Delta R.T. 0.01 min

Lab File: BF086036.D

Acq: 4 Apr 2016 14:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

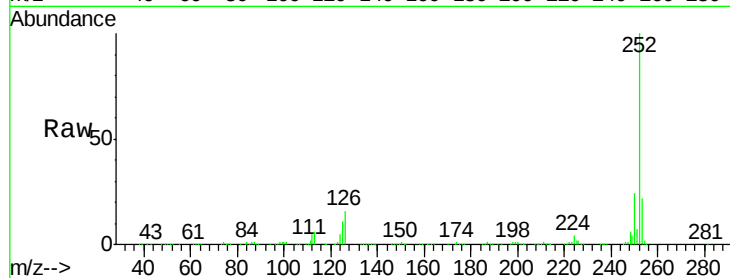
Tgt Ion:252 Resp: 1591719

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

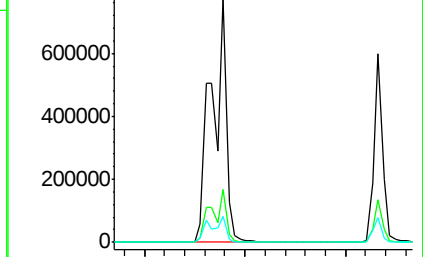
125 10.6 10.3 15.5



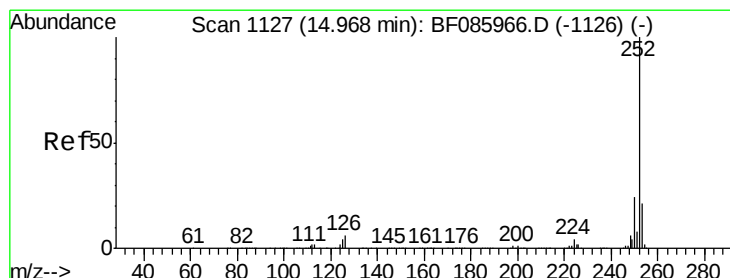
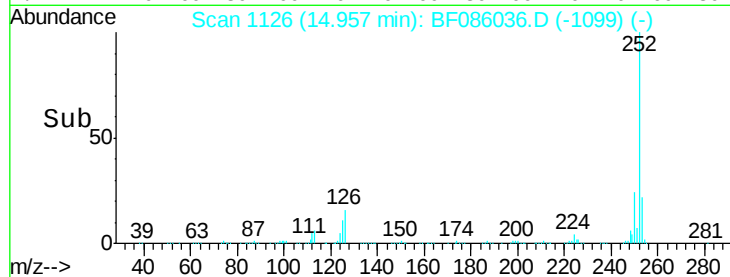
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#88

Benzo(k)fluoranthene

Concen: 84.89 ng

RT: 14.96 min Scan# 1126

Delta R.T. -0.01 min

Lab File: BF086036.D

Acq: 4 Apr 2016 14:07

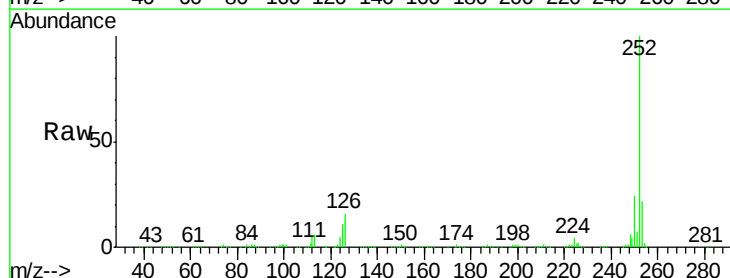
Tgt Ion:252 Resp: 1592081

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

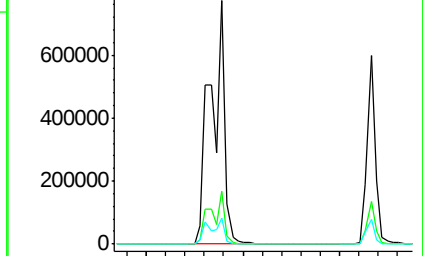
125 10.6 7.7 11.5



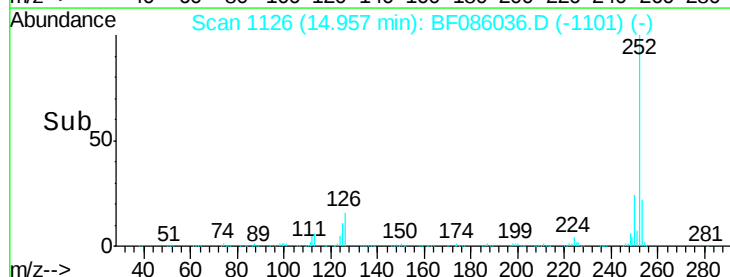
Abundance Ion 252.00 (251.70 to 252.70): E

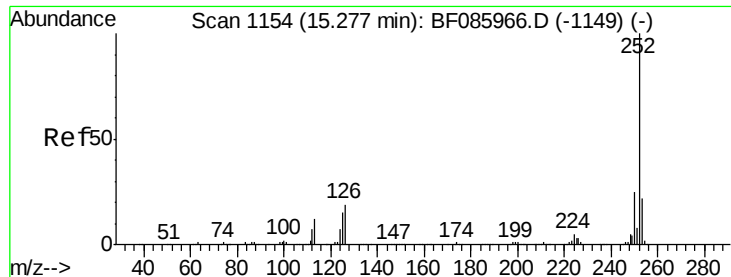
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





#89

Benzo(a)pyrene

Concen: 38.04 ng

RT: 15.27 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF086036.D

Acq: 4 Apr 2016 14:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

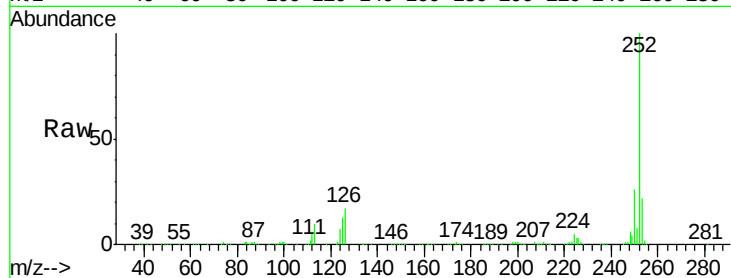
Tgt Ion:252 Resp: 713689

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.0

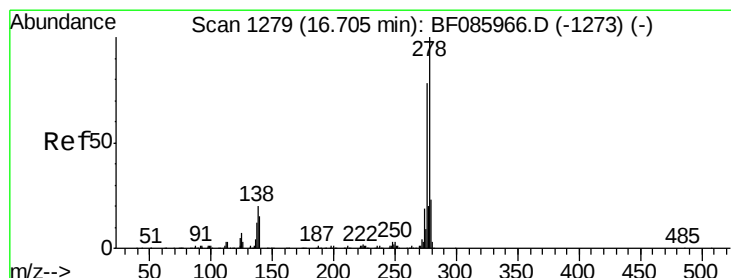
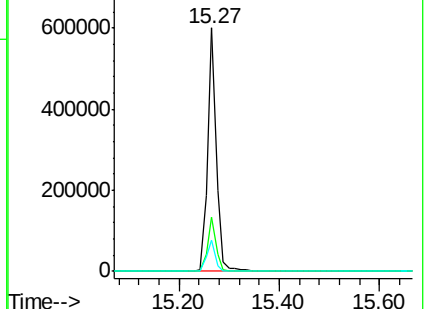
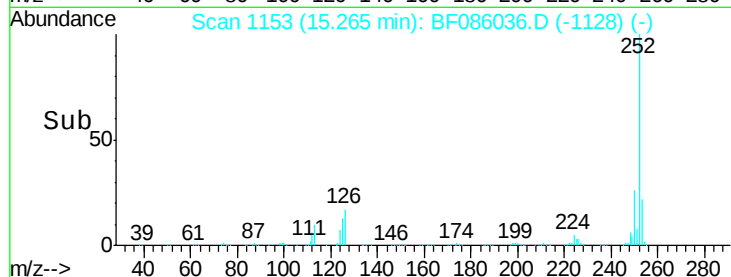
125 13.0 10.3 15.5



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: 36.33 ng

RT: 16.68 min Scan# 1277

Delta R.T. -0.02 min

Lab File: BF086036.D

Acq: 4 Apr 2016 14:07

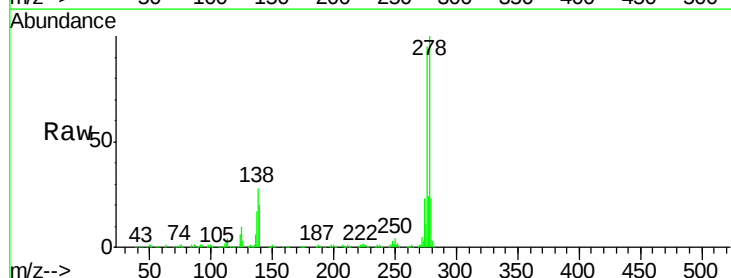
Tgt Ion:278 Resp: 548507

Ion Ratio Lower Upper

278 100

139 19.7 14.4 21.6

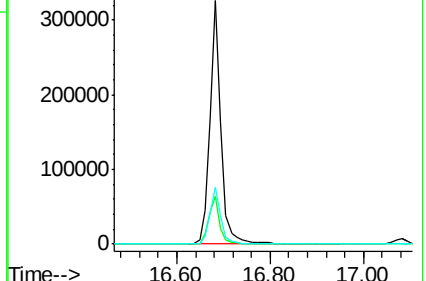
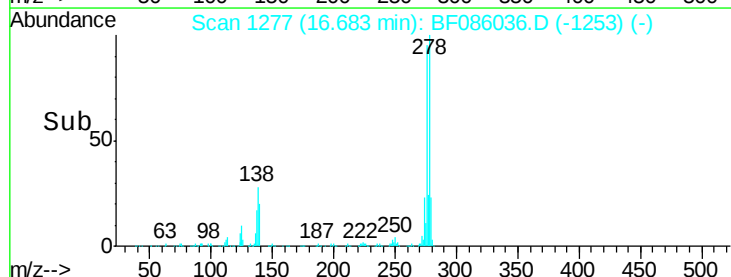
279 23.4 19.1 28.7

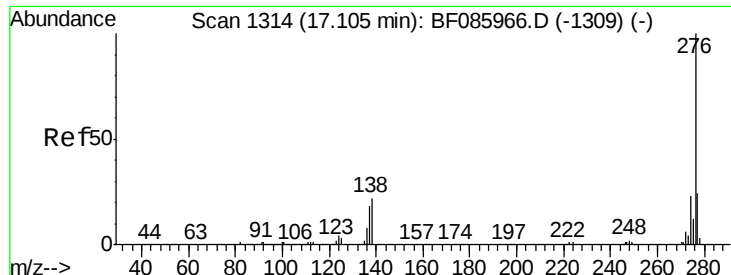


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 36.61 ng

RT: 17.08 min Scan# 1312

Delta R.T. -0.02 min

Lab File: BF086036.D

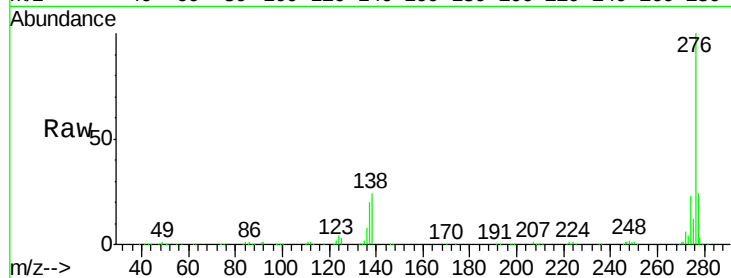
Acq: 4 Apr 2016 14:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



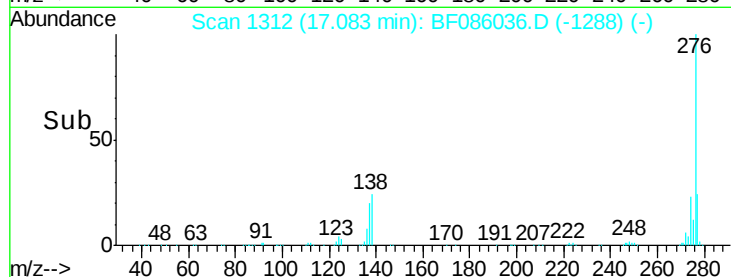
Tgt Ion: 276 Resp: 534835

Ion Ratio Lower Upper

276 100

277 24.0 18.8 28.2

138 23.8 22.6 34.0



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

