

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
 Data File : BF086412.D
 Acq On : 24 Apr 2016 1:40
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Apr 25 01:00:37 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 23 00:24:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	171524	20.00	ng	0.01
21) Naphthalene-d8	8.13	136	662103	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	253872	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	453855	20.00	ng	0.00
75) Chrysene-d12	14.00	240	321369	20.00	ng	0.00
86) Perylene-d12	15.43	264	251046	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	779872	78.52	ng	0.01
7) Phenol-d6	6.49	99	1051562	77.88	ng	0.01
23) Nitrobenzene-d5	7.41	82	865651	77.45	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	172071	74.87	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1260946	84.76	ng	0.00
78) Terphenyl-d14	12.95	244	1167144	90.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.41	88	207761	37.83	ng	98
3) Pyridine	3.14	79	540072	41.27	ng	94
4) n-Nitrosodimethylamine	3.08	42	194937	39.26	ng	95
6) Aniline	6.51	93	680844	41.32	ng	# 88
8) 2-Chlorophenol	6.64	128	466543	38.47	ng	90
9) Benzaldehyde	6.40	77	301593	36.77	ng	86
10) Phenol	6.50	94	613013	38.45	ng	84
11) bis(2-Chloroethyl)ether	6.59	93	502686	36.21	ng	90
12) 1,3-Dichlorobenzene	6.86	146	523742	40.50	ng	97
13) 1,4-Dichlorobenzene	6.86	146	537736	37.85	ng	98
14) 1,2-Dichlorobenzene	6.86	146	543990	42.15	ng	97
15) Benzyl Alcohol	6.99	79	302290	37.72	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.13	45	640498	35.20	ng	99
17) 2-Methylphenol	7.10	107	359907	36.22	ng	96
18) Hexachloroethane	7.36	117	110701	23.14	ng	94
19) n-Nitroso-di-n-propylamine	7.26	70	288592	35.76	ng	89
20) 3+4-Methylphenols	7.26	107	420836	39.95	ng	93
22) Acetophenone	7.26	105	576821	41.53	ng	# 90
24) Nitrobenzene	7.44	77	500549	41.75	ng	# 86
25) Isophorone	7.68	82	842152	38.45	ng	# 91
26) 2-Nitrophenol	7.74	139	148911	25.14	ng	# 88
27) 2,4-Dimethylphenol	7.79	122	403402	39.77	ng	95
28) bis(2-Chloroethoxy)methane	7.88	93	487879	39.89	ng	99
29) 2,4-Dichlorophenol	8.00	162	325775	38.85	ng	93
30) 1,2,4-Trichlorobenzene	8.08	180	369245	40.54	ng	98
31) Naphthalene	8.16	128	1213954	35.99	ng	99
32) Benzoic acid	7.88	122	136649	21.07	ng	96
33) 4-Chloroaniline	8.20	127	497386	37.86	ng	95
34) Hexachlorobutadiene	8.27	225	183174	40.28	ng	97
35) Caprolactam	8.57	113	97323	32.35	ng	100
36) 4-Chloro-3-methylphenol	8.68	107	329723	33.09	ng	91
37) 2-Methylnaphthalene	8.84	142	683459	35.13	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	313693	47.76	ng	97
42) 2,4,6-Trichlorophenol	9.13	196	194650	45.20	ng	98

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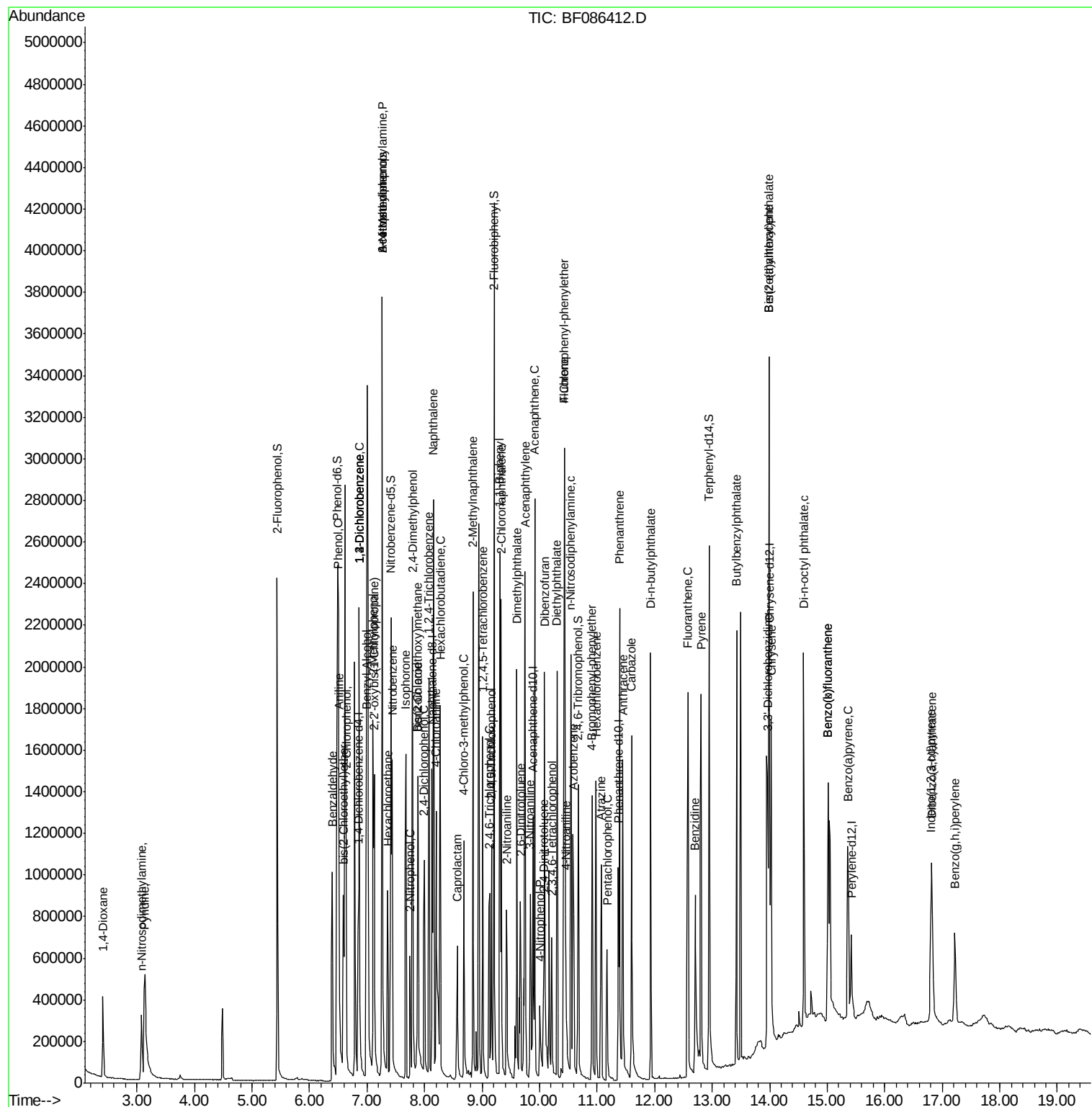
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.16	196	196209	37.00	ng	# 91
45) 1,1'-Biphenyl	9.31	154	884832	44.93	ng	99
46) 2-Chloronaphthalene	9.33	162	671832	43.09	ng	98
47) 2-Nitroaniline	9.42	65	208187	42.89	ng	88
48) Acenaphthylene	9.74	152	998506	39.50	ng	100
49) Dimethylphthalate	9.61	163	799793	43.61	ng	100
50) 2,6-Dinitrotoluene	9.66	165	122615	30.95	ng	# 86
51) Acenaphthene	9.92	154	580444	37.38	ng	99
52) 3-Nitroaniline	9.84	138	223218	45.01	ng	91
54) Dibenzofuran	10.09	168	789176	39.57	ng	98
55) 4-Nitrophenol	10.01	139	87097	25.10	ng	97
56) 2,4-Dinitrotoluene	10.08	165	148119	28.16	ng	# 71
57) Fluorene	10.43	166	626969	38.37	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	139368	35.96	ng	96
59) Diethylphthalate	10.30	149	717602	40.86	ng	99
60) 4-Chlorophenyl-phenylether	10.43	204	287001	40.16	ng	# 79
61) 4-Nitroaniline	10.45	138	234166	46.13	ng	98
62) Azobenzene	10.58	77	664720	36.50	ng	98
65) n-Nitrosodiphenylamine	10.54	169	585127	41.81	ng	99
66) 4-Bromophenyl-phenylether	10.91	248	175592	39.51	ng	94
67) Hexachlorobenzene	10.98	284	180810	38.13	ng	# 79
68) Atrazine	11.07	200	136342	31.55	ng	99
69) Pentachlorophenol	11.17	266	84589	30.38	ng	98
70) Phenanthrene	11.39	178	877413	38.48	ng	100
71) Anthracene	11.45	178	998170	38.20	ng	99
72) Carbazole	11.60	167	923516	37.63	ng	99
73) Di-n-butylphthalate	11.93	149	1060867	41.09	ng	100
74) Fluoranthene	12.58	202	974469	39.62	ng	94
76) Benzidine	12.71	184	656232	49.79	ng	97
77) Pyrene	12.81	202	963030	42.97	ng	99
79) Butylbenzylphthalate	13.43	149	489118	46.84	ng	90
80) Benzo(a)anthracene	13.99	228	648881	38.90	ng	99
81) 3,3'-Dichlorobenzidine	13.96	252	529403	46.01	ng	# 95
82) Chrysene	14.03	228	779989	41.50	ng	100
83) Bis(2-ethylhexyl)phthalate	13.99	149	585545	50.08	ng	# 97
84) Di-n-octyl phthalate	14.59	149	999801	44.54	ng	98
85) Indeno(1,2,3-cd)pyrene	16.81	276	562464	33.66	ng	98
87) Benzo(b)fluoranthene	15.01	252	1175768	85.33	ng	98
88) Benzo(k)fluoranthene	15.01	252	1176371	86.98	ng	99
89) Benzo(a)pyrene	15.36	252	538150	39.59	ng	# 95
90) Dibenzo(a,h)anthracene	16.82	278	473801	42.25	ng	99
91) Benzo(g,h,i)perylene	17.22	276	445769	38.51	ng	98

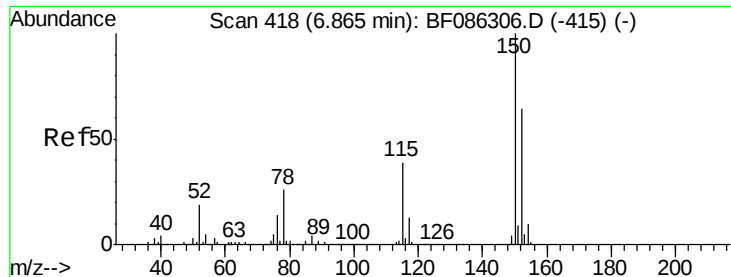
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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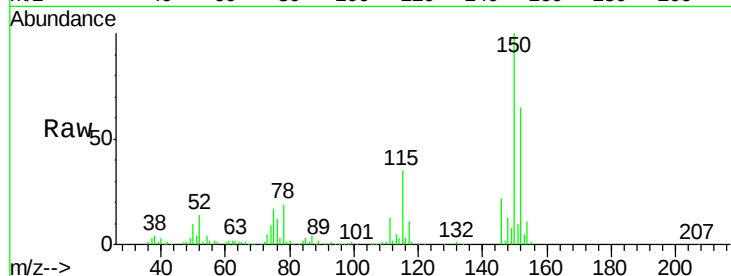


#1

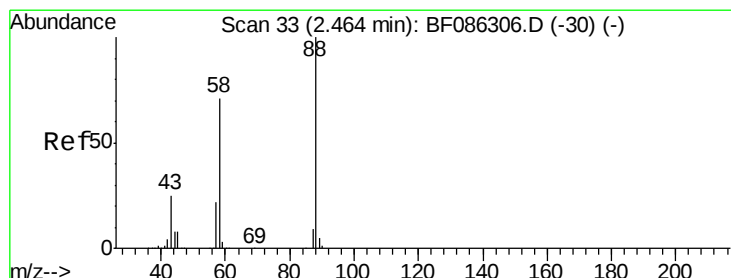
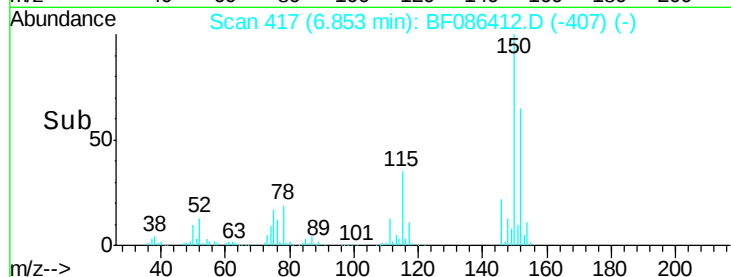
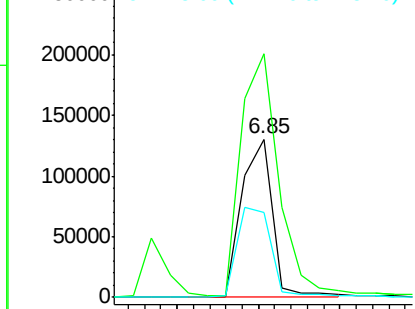
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. 0.01 min
Lab File: BF086412.D
Acq: 24 Apr 2016 1:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:152 Resp: 171524
Ion Ratio Lower Upper
152 100
150 153.8 125.8 188.6
115 53.7 51.5 77.3



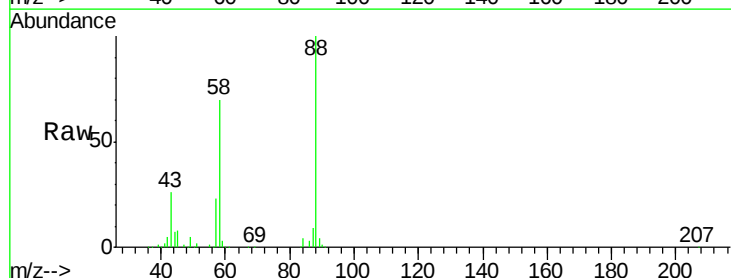
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



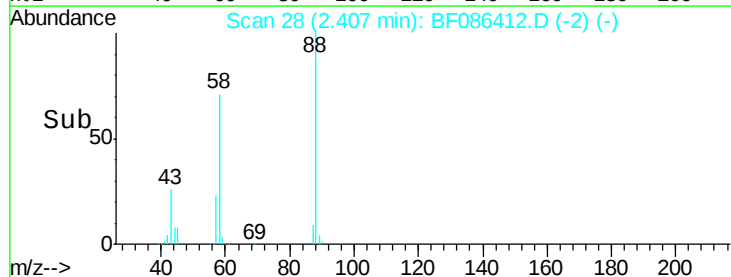
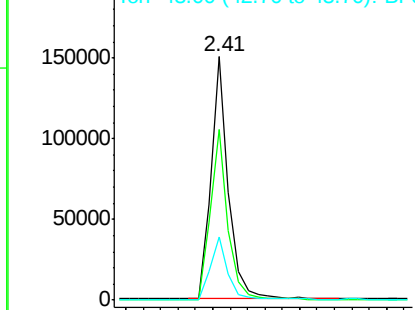
#2

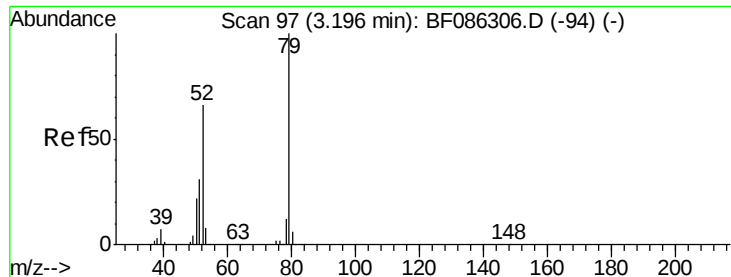
1,4-Dioxane
Concen: 37.83 ng
RT: 2.41 min Scan# 28
Delta R.T. -0.00 min
Lab File: BF086412.D
Acq: 24 Apr 2016 1:40

Tgt Ion: 88 Resp: 207761
Ion Ratio Lower Upper
88 100
58 72.5 59.6 89.4
43 26.5 21.8 32.6



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 41.27 ng

RT: 3.14 min Scan# 92

Delta R.T. 0.01 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Instrument :

BNA_F

ClientSampleId :

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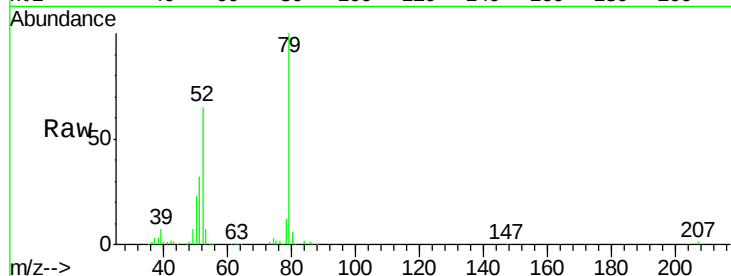
Tgt Ion: 79 Resp: 540072

Ion Ratio Lower Upper

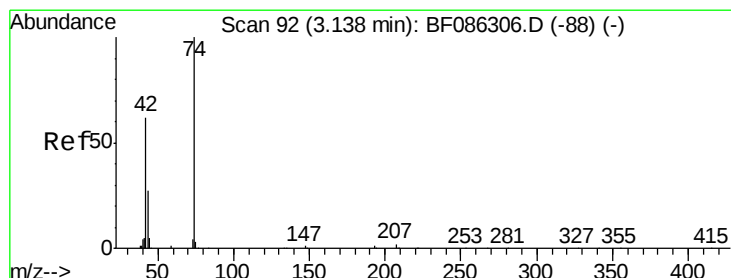
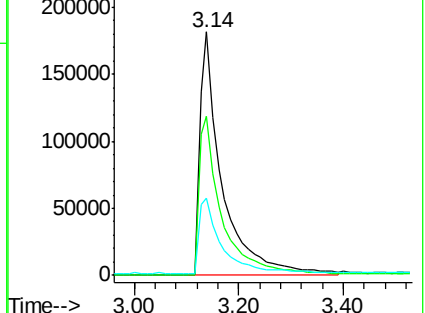
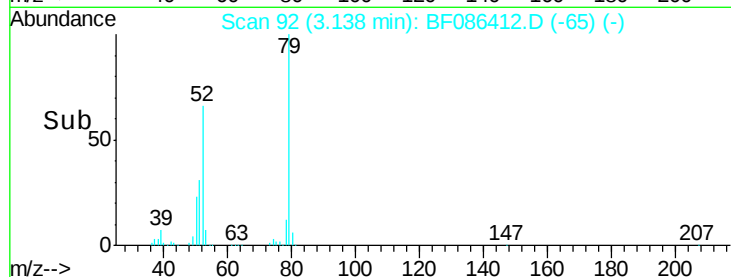
79 100

52 65.4 55.9 83.9

51 31.9 28.1 42.1



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: 39.26 ng

RT: 3.08 min Scan# 87

Delta R.T. 0.01 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

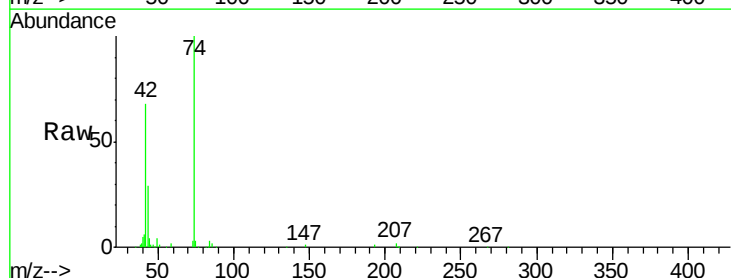
Tgt Ion: 42 Resp: 194937

Ion Ratio Lower Upper

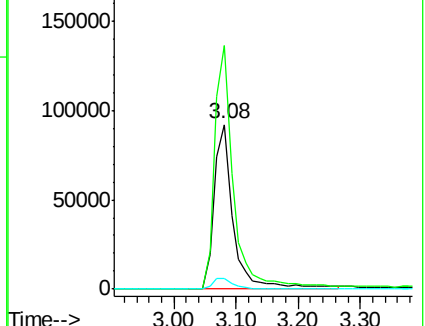
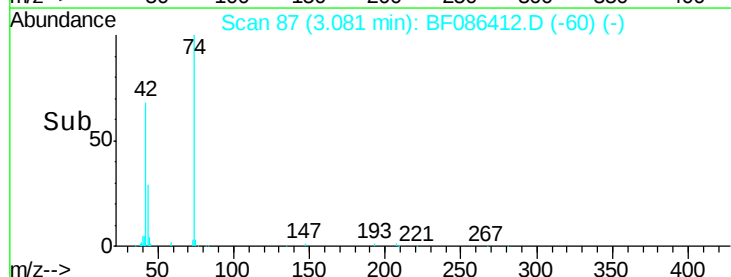
42 100

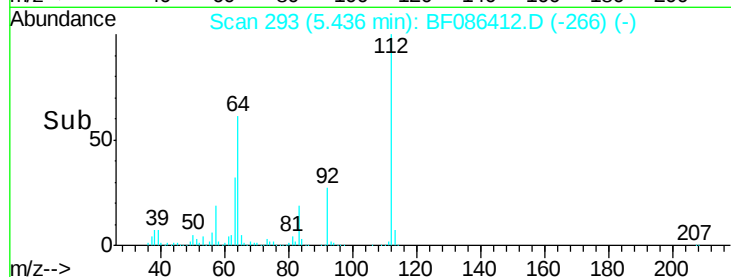
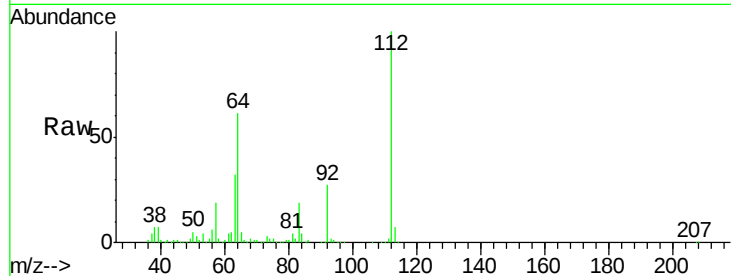
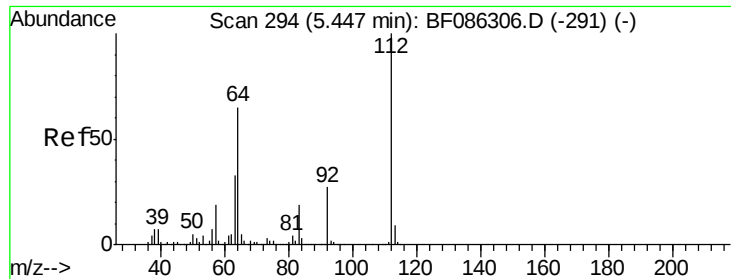
74 147.7 123.4 185.0

44 6.6 5.8 8.6



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

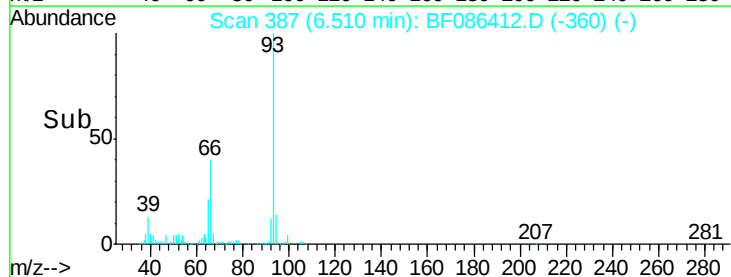
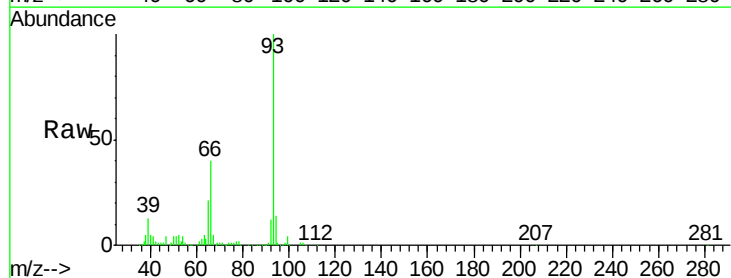
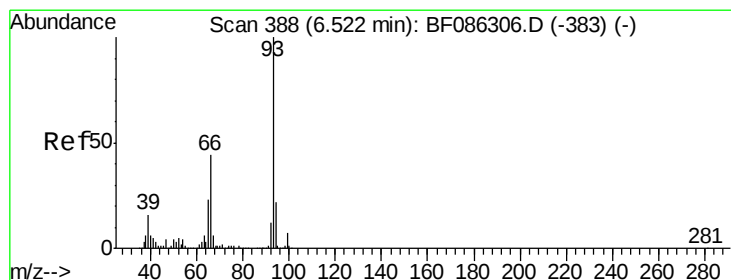
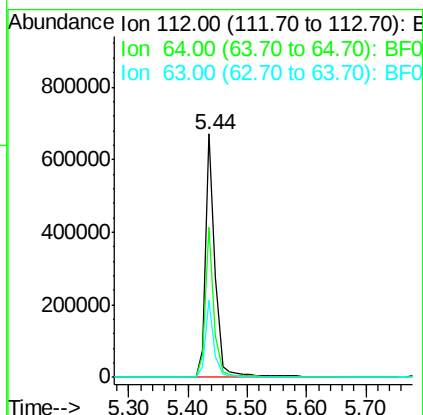




#5
2-Fluorophenol
Concen: 78.52 ng
RT: 5.44 min Scan# 293
Delta R.T. 0.01 min
Lab File: BF086412.D
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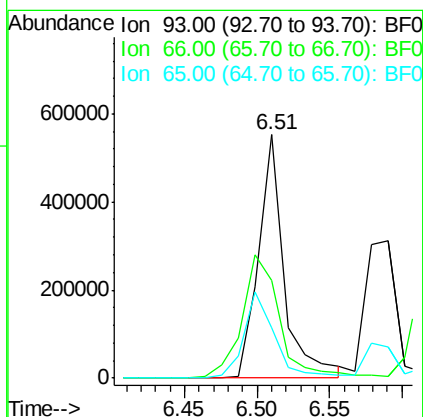
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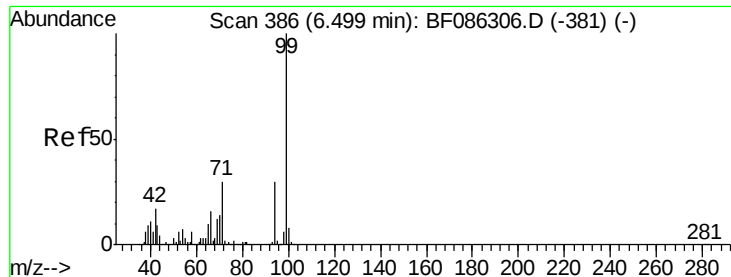
Tgt Ion: 112 Resp: 779872
Ion Ratio Lower Upper
112 100
64 61.4 52.1 78.1
63 31.9 25.7 38.5



#6
Aniline
Concen: 41.32 ng
RT: 6.51 min Scan# 387
Delta R.T. 0.01 min
Lab File: BF086412.D
Acq: 24 Apr 2016 1:40

Tgt Ion: 93 Resp: 680844
Ion Ratio Lower Upper
93 100
66 40.1 39.0 58.6
65 20.5 20.6 31.0#





#7

Phenol-d6

Concen: 77.88 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.01 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

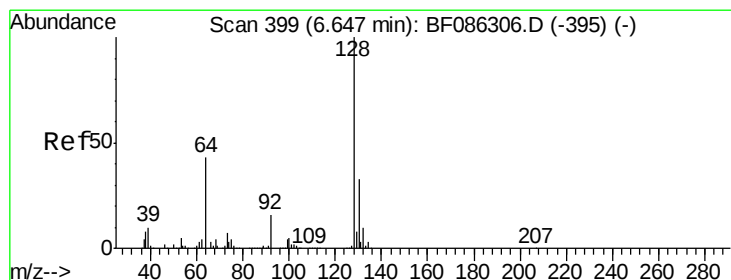
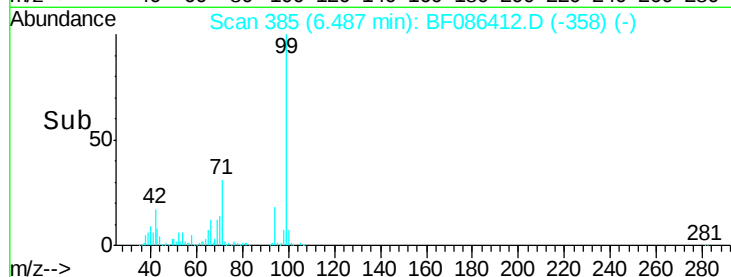
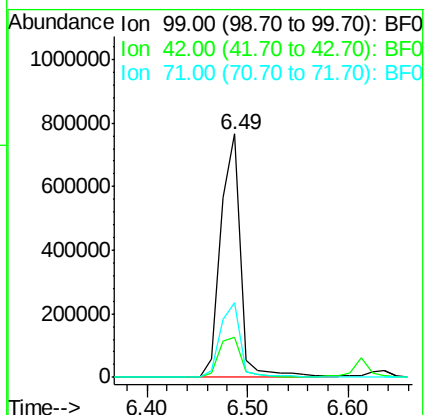
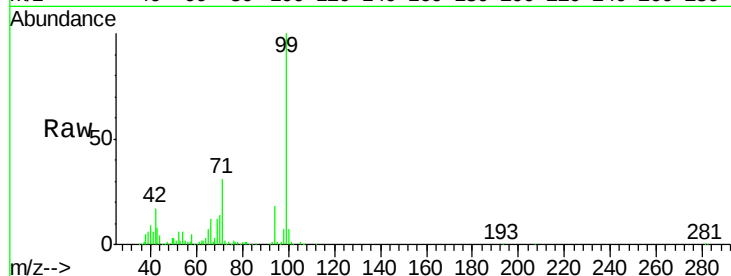
Tgt Ion: 99 Resp: 1051562

Ion Ratio Lower Upper

99 100

42 16.5 13.6 20.4

71 30.8 24.6 36.8



#8

2-Chlorophenol

Concen: 38.47 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.01 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

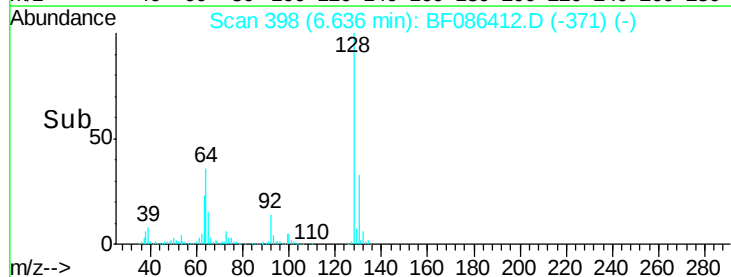
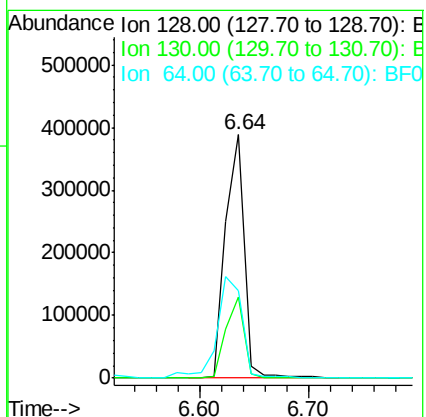
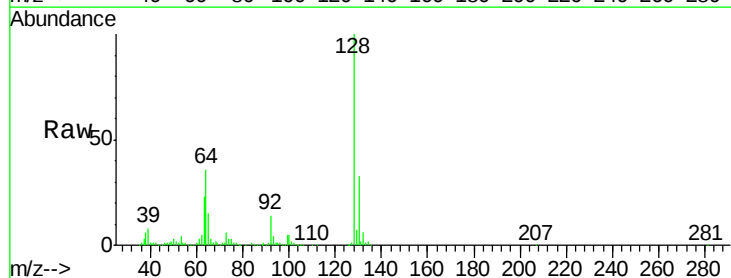
Tgt Ion: 128 Resp: 466543

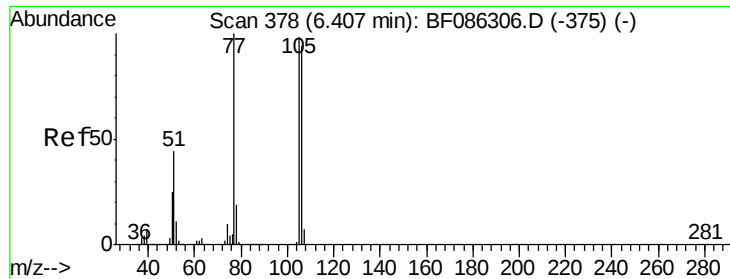
Ion Ratio Lower Upper

128 100

130 33.1 12.5 52.5

64 36.1 27.3 67.3





#9

Benzaldehyde

Concen: 36.77 ng

RT: 6.40 min Scan# 377

Delta R.T. 0.01 min

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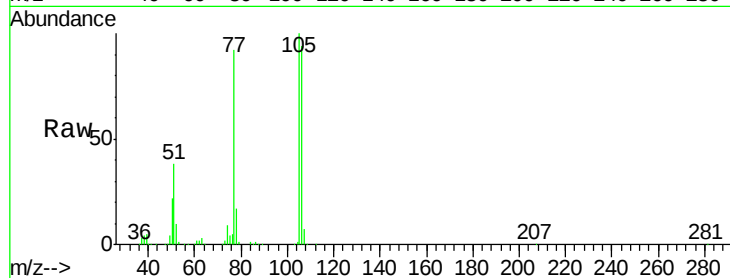
Tgt Ion: 77 Resp: 301593

Ion Ratio Lower Upper

77 100

105 108.4 72.7 112.7

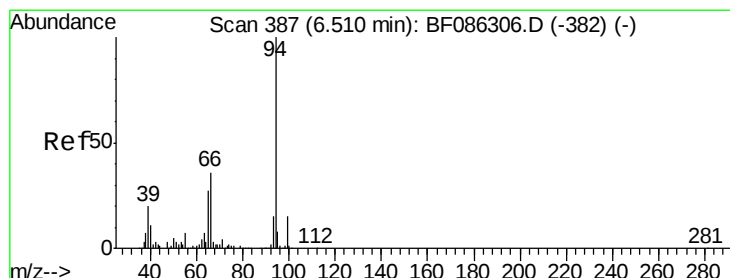
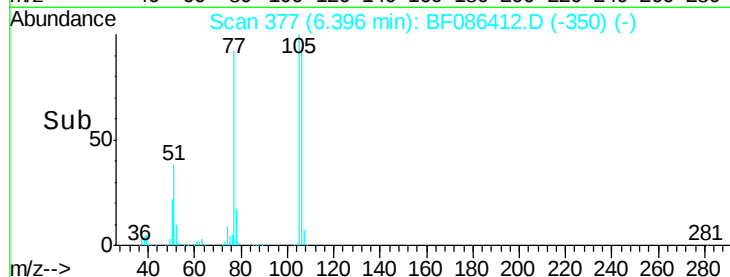
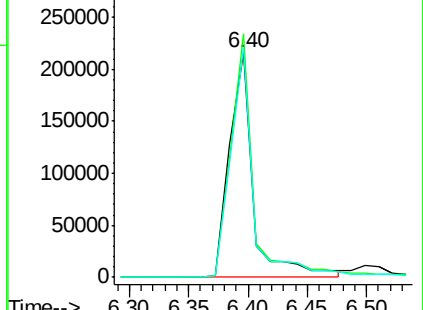
106 101.9 70.8 110.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 38.45 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

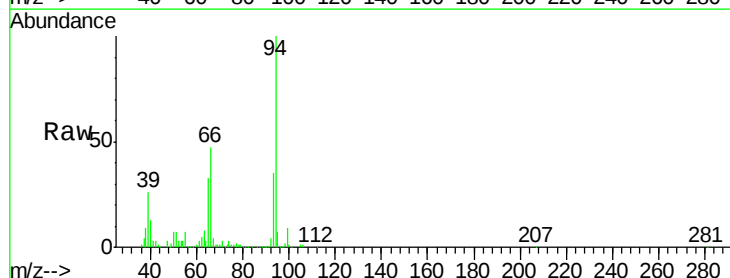
Tgt Ion: 94 Resp: 613013

Ion Ratio Lower Upper

94 100

65 32.6 7.2 47.2

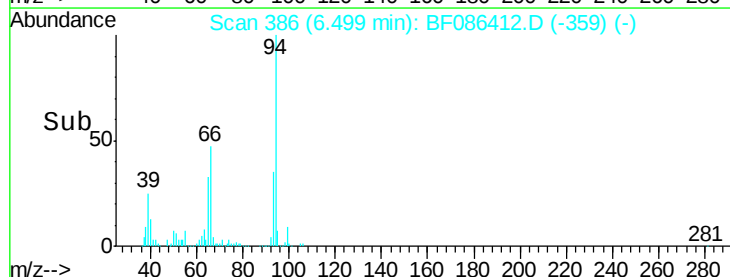
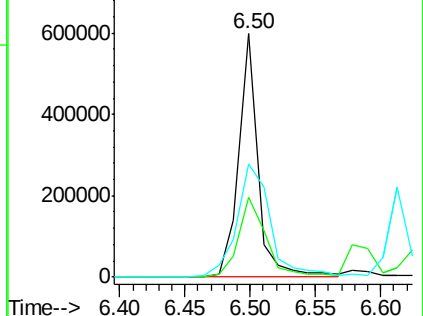
66 46.6 14.9 54.9

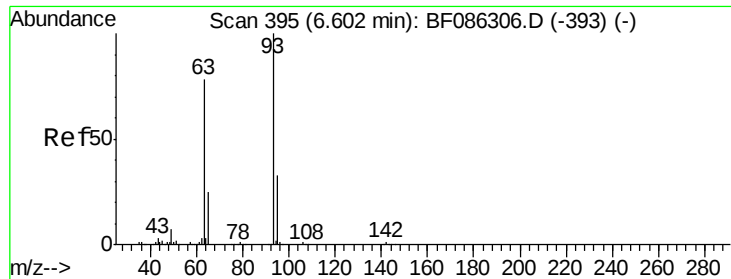


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

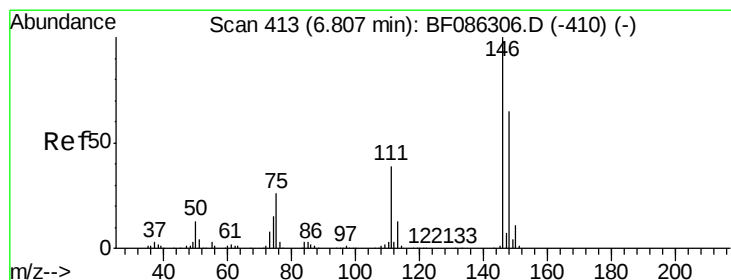
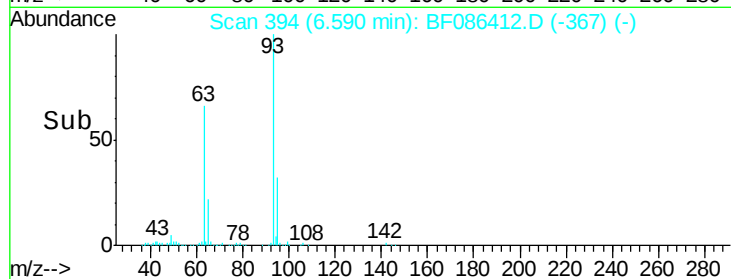
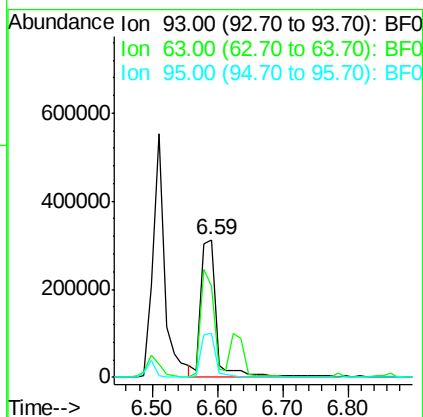
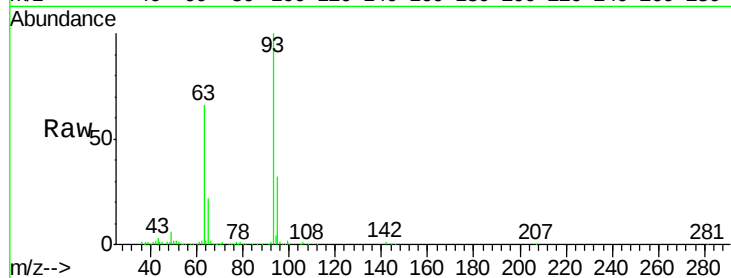




#11
bis(2-Chloroethyl)ether
Concen: 36.21 ng
RT: 6.59 min Scan# 394
Delta R.T. 0.01 min
Lab File: BF086412.D
Acq: 24 Apr 2016 1:40

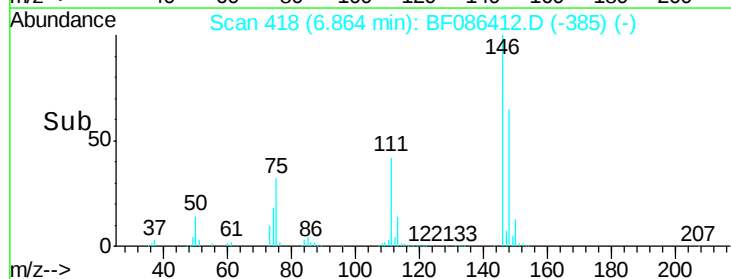
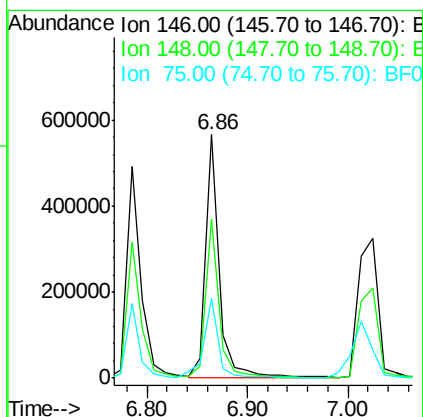
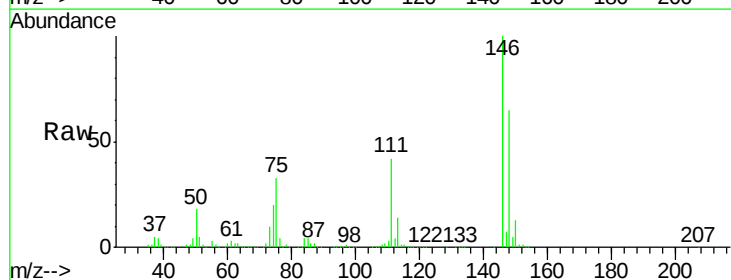
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

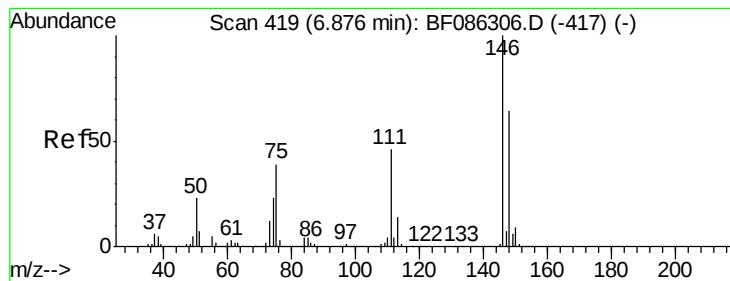
Tgt Ion: 93 Resp: 502686
Ion Ratio Lower Upper
93 100
63 66.1 58.0 98.0
95 32.2 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 40.50 ng
RT: 6.86 min Scan# 418
Delta R.T. 0.08 min
Lab File: BF086412.D
Acq: 24 Apr 2016 1:40

Tgt Ion: 146 Resp: 523742
Ion Ratio Lower Upper
146 100
148 65.3 52.4 78.6
75 32.8 22.8 34.2





#13

1,4-Dichlorobenzene

Concen: 37.85 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

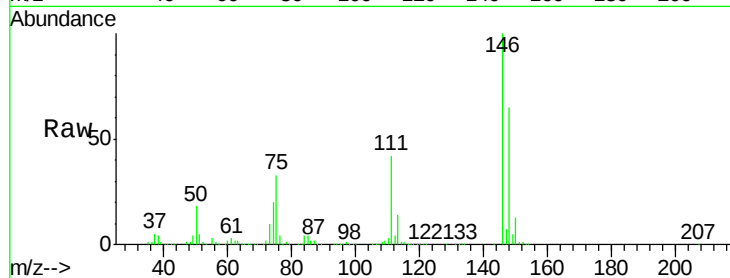
Tgt Ion:146 Resp: 537736

Ion Ratio Lower Upper

146 100

148 65.3 52.2 78.4

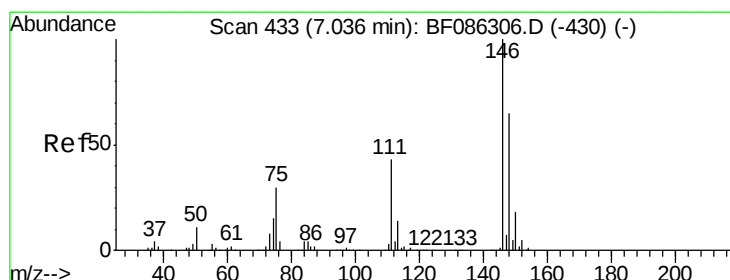
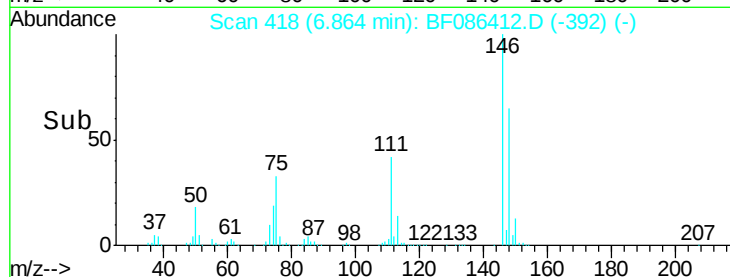
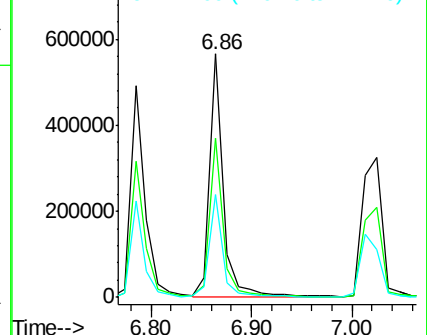
111 42.4 30.7 46.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.15 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.15 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

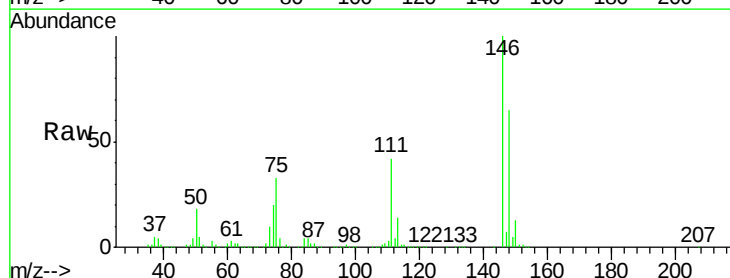
Tgt Ion:146 Resp: 543990

Ion Ratio Lower Upper

146 100

148 65.3 51.0 76.6

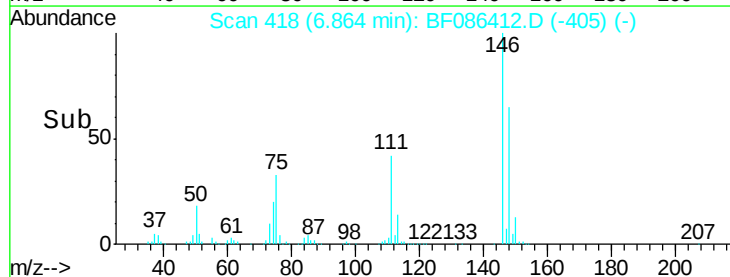
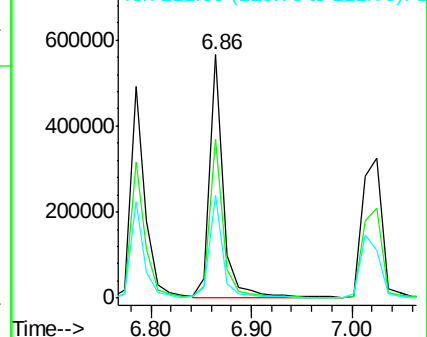
111 42.4 36.2 54.4

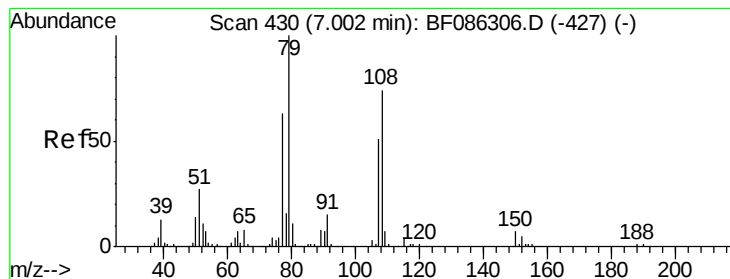


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.72 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

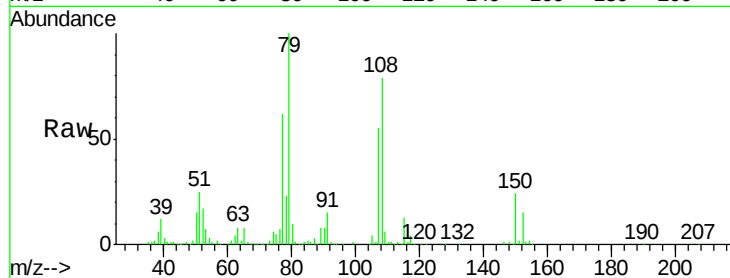
Tgt Ion: 79 Resp: 302290

Ion Ratio Lower Upper

79 100

108 79.5 68.4 102.6

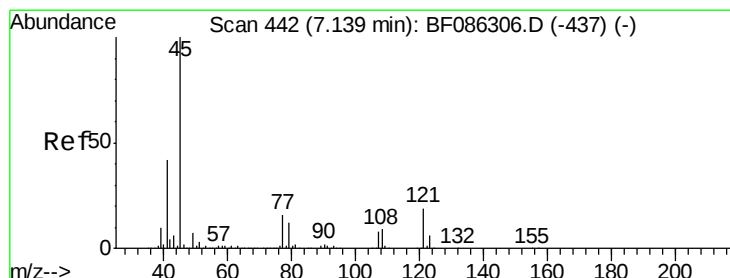
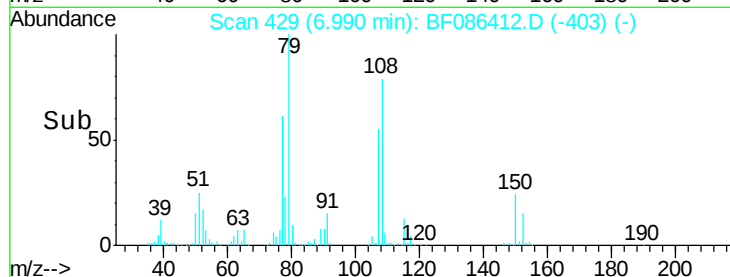
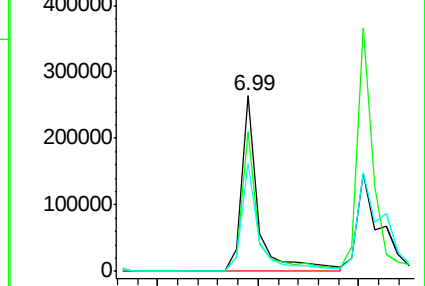
77 61.8 50.6 76.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.20 ng

RT: 7.13 min Scan# 441

Delta R.T. -0.00 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

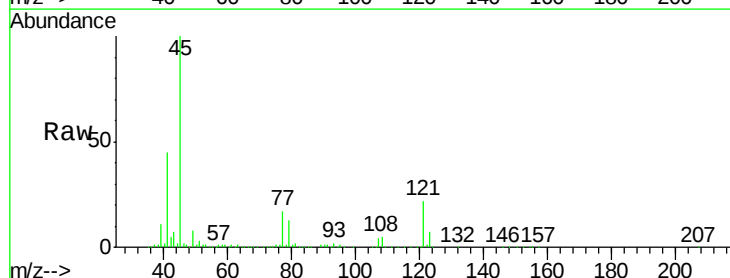
Tgt Ion: 45 Resp: 640498

Ion Ratio Lower Upper

45 100

77 16.6 0.0 36.4

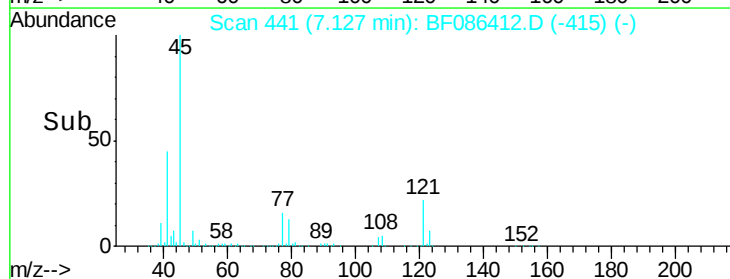
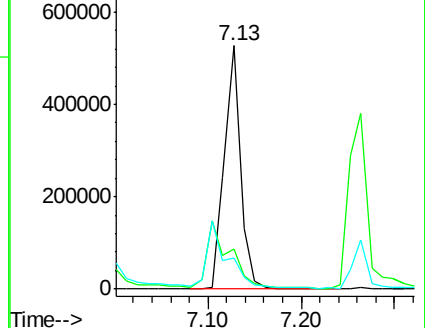
79 13.0 0.0 33.4

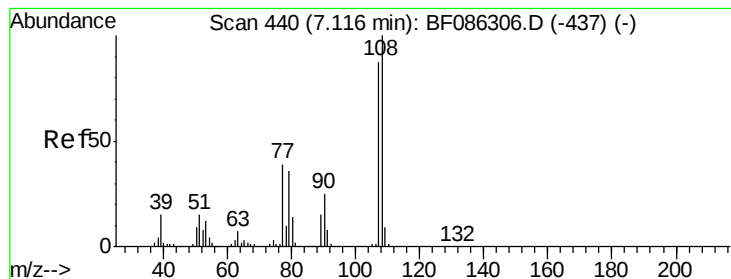


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 36.22 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.00 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:107 Resp: 359907

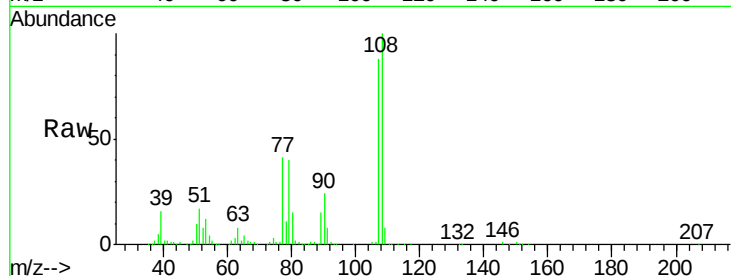
Ion Ratio Lower Upper

107 100

108 113.9 93.7 140.5

77 46.4 33.4 50.0

79 45.7 34.3 51.5

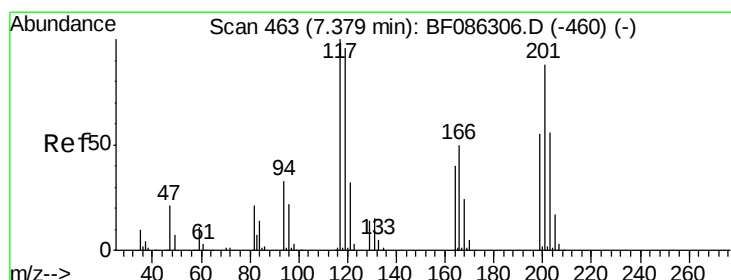
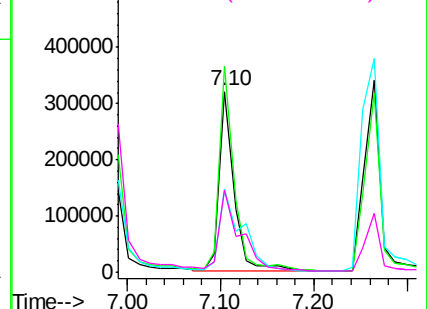
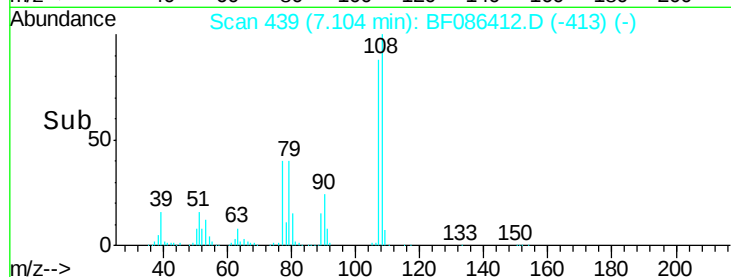


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 23.14 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.00 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

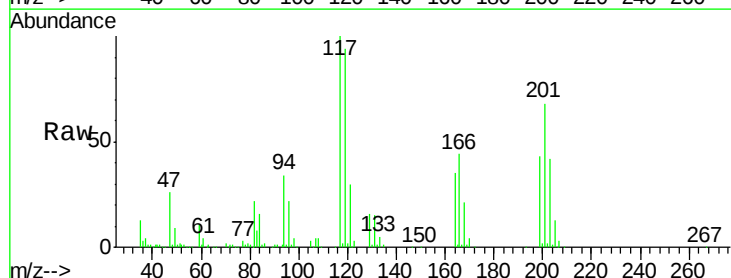
Tgt Ion:117 Resp: 110701

Ion Ratio Lower Upper

117 100

119 94.4 76.5 114.7

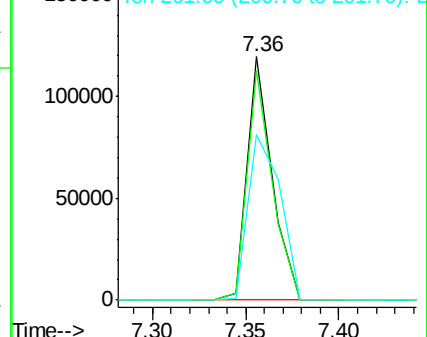
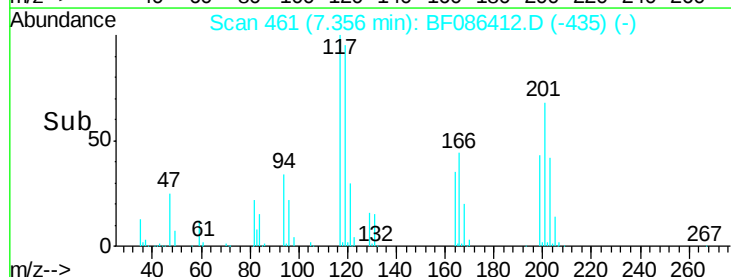
201 68.0 63.0 94.6

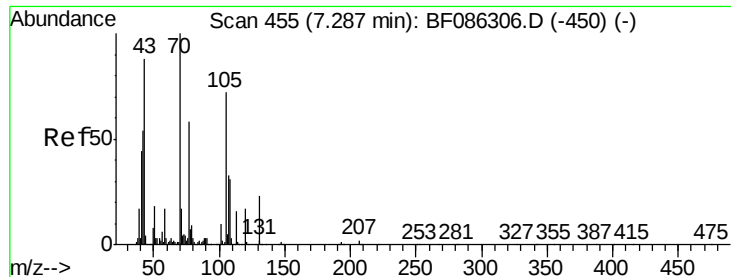


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

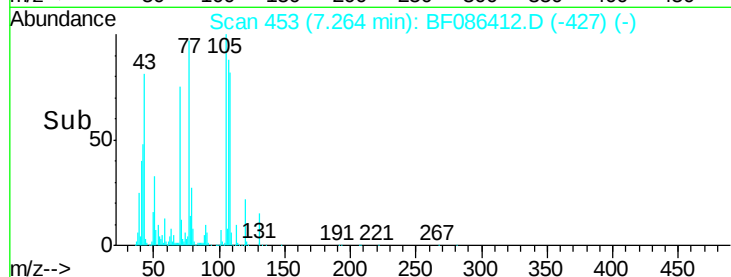
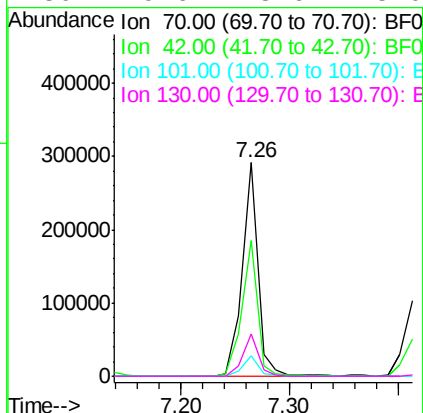
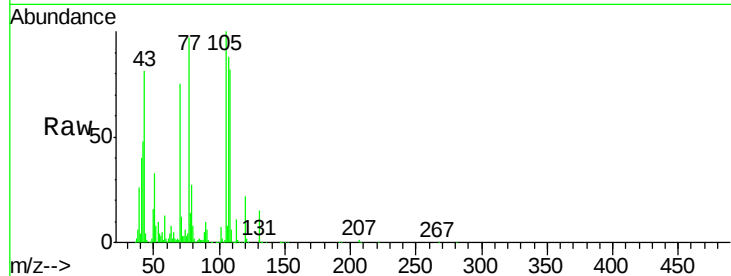




#19
n-Nitroso-di-n-propylamine
Concen: 35.76 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.00 min
Lab File: BF086412.D
Acq: 24 Apr 2016 1:40

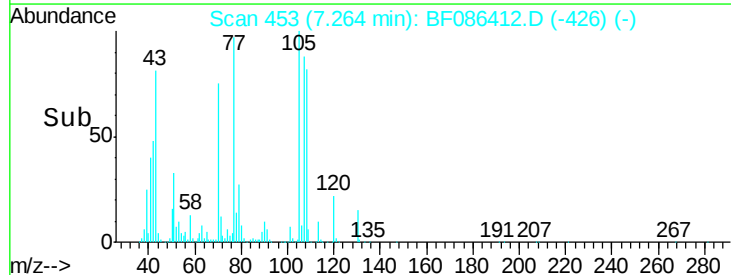
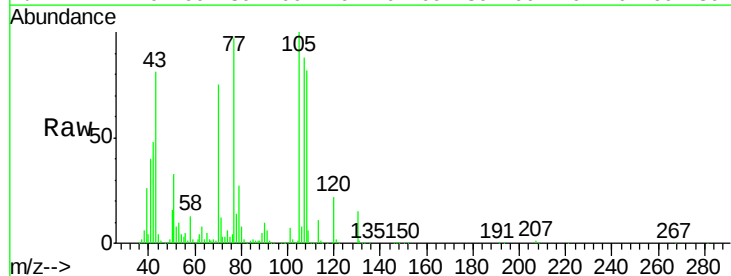
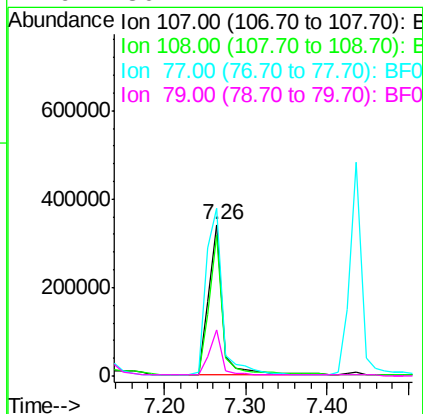
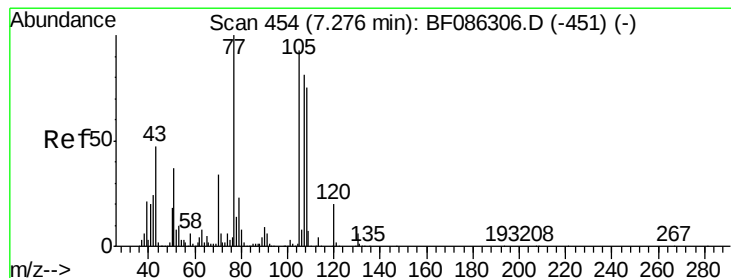
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

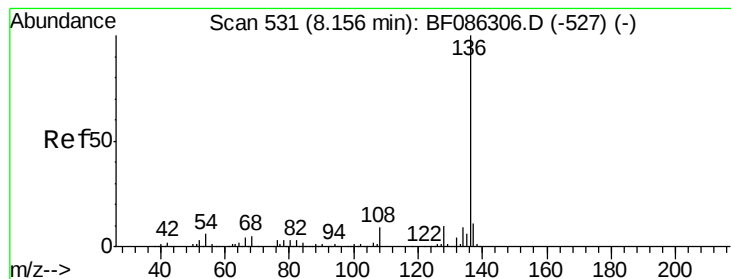
Tgt Ion:	70	Resp:	288592
Ion	Ratio	Lower	Upper
70	100		
42	63.8	43.1	64.7
101	9.4	8.1	12.1
130	19.6	18.6	28.0



#20
3+4-Methylphenols
Concen: 39.95 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.01 min
Lab File: BF086412.D
Acq: 24 Apr 2016 1:40

Tgt Ion:	107	Resp:	420836
Ion	Ratio	Lower	Upper
107	100		
108	92.9	68.5	108.5
77	110.9	101.6	141.6
79	30.7	7.4	47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.00 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:136 Resp: 662103

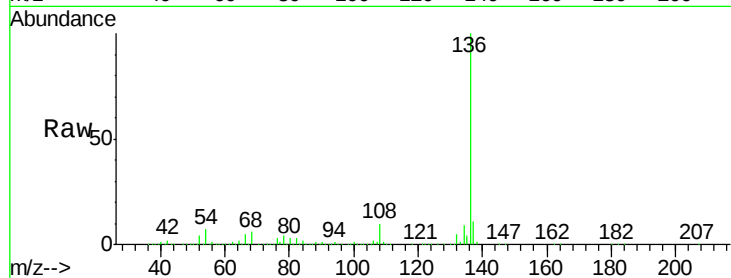
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 7.3 5.0 7.4

68 6.0 4.4 6.6

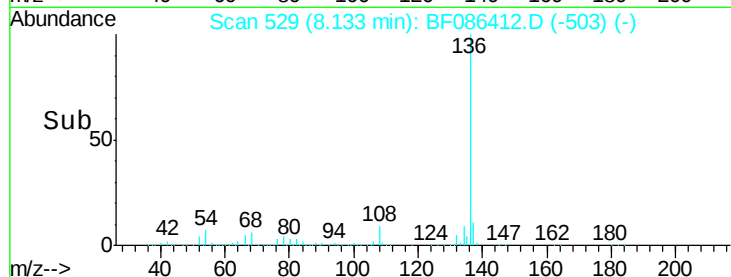


Abundance Ion 136.00 (135.70 to 136.70): E

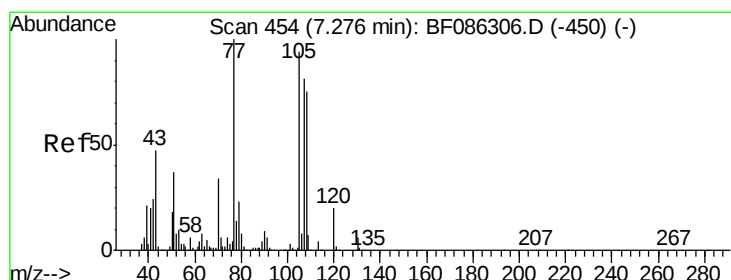
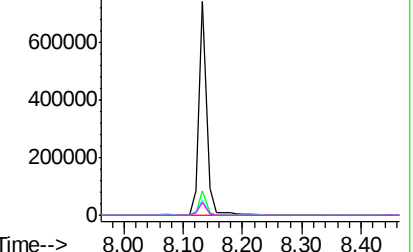
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 41.53 ng

RT: 7.26 min Scan# 453

Delta R.T. 0.01 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Tgt Ion:105 Resp: 576821

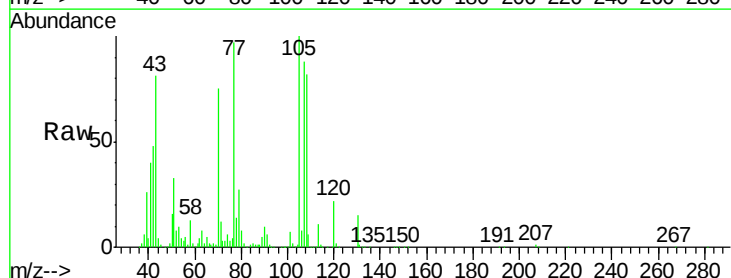
Ion Ratio Lower Upper

105 100

71 12.1 4.8 7.2#

51 33.1 32.6 49.0

120 21.5 16.5 24.7

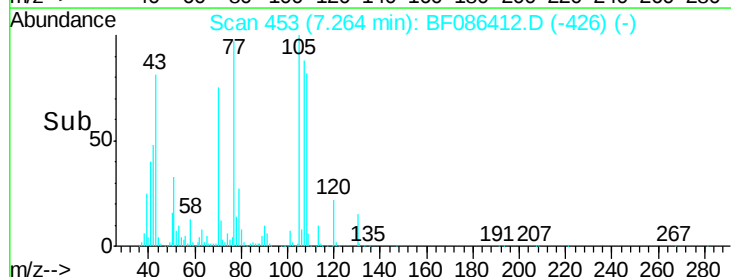


Abundance Ion 105.00 (104.70 to 105.70): E

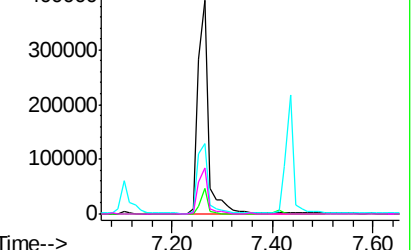
Ion 71.00 (70.70 to 71.70): BF0

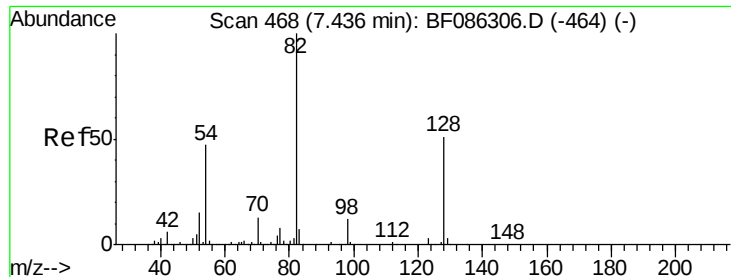
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

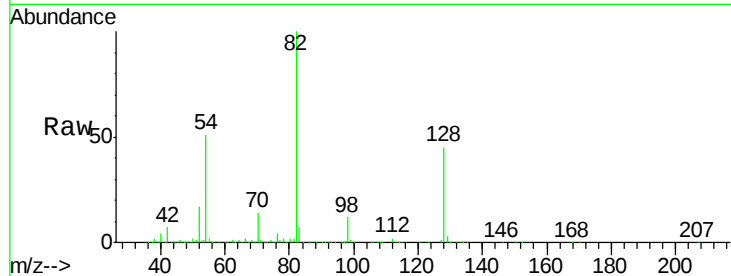




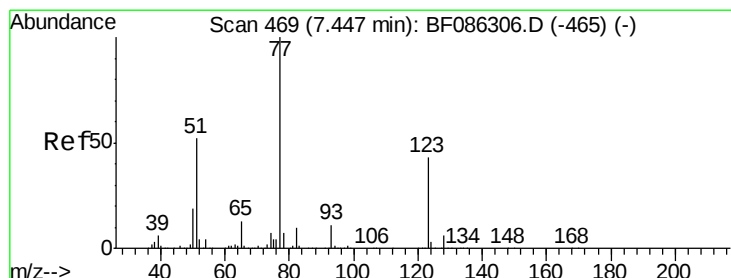
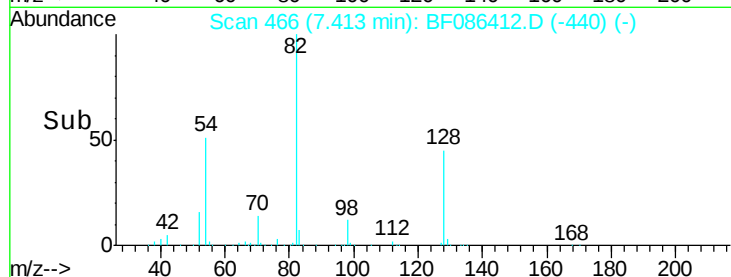
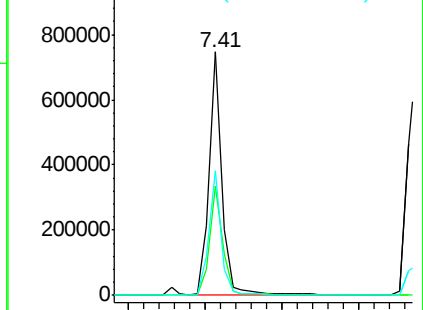
#23
 Nitrobenzene-d5
 Concen: 77.45 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.00 min
 Lab File: BF086412.D
 Acq: 24 Apr 2016 1:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 82 Resp: 865651
 Ion Ratio Lower Upper
 82 100
 128 44.9 40.6 61.0
 54 51.2 38.1 57.1

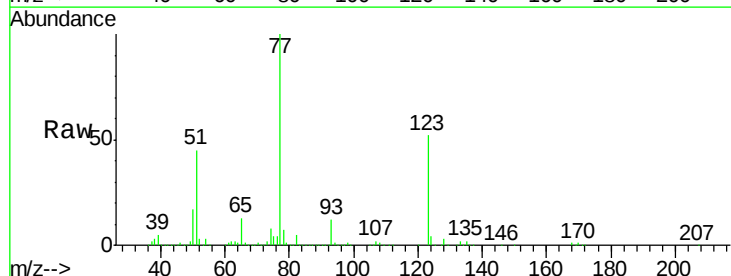


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

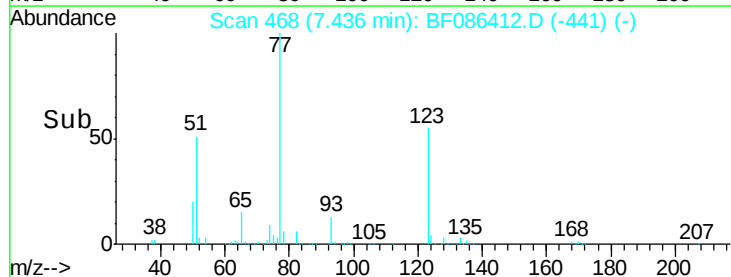
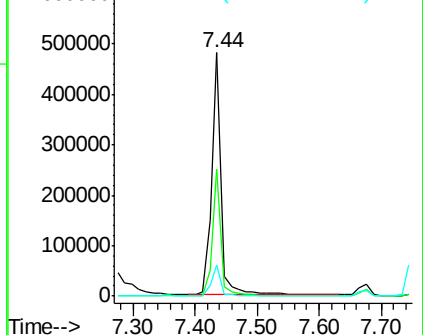


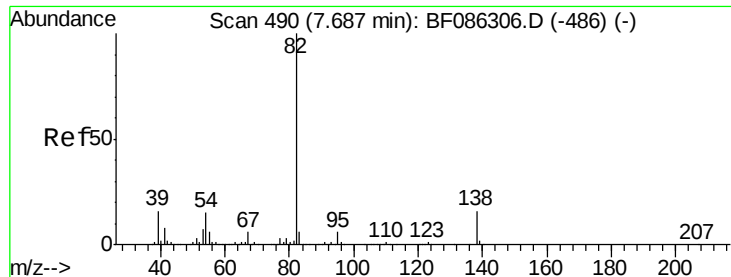
#24
 Nitrobenzene
 Concen: 41.75 ng
 RT: 7.44 min Scan# 468
 Delta R.T. 0.01 min
 Lab File: BF086412.D
 Acq: 24 Apr 2016 1:40

Tgt Ion: 77 Resp: 500549
 Ion Ratio Lower Upper
 77 100
 123 52.4 33.0 49.4#
 65 12.8 10.8 16.2



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.45 ng

RT: 7.68 min Scan# 489

Delta R.T. 0.01 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

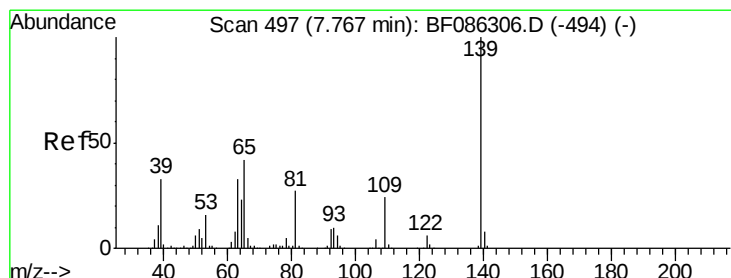
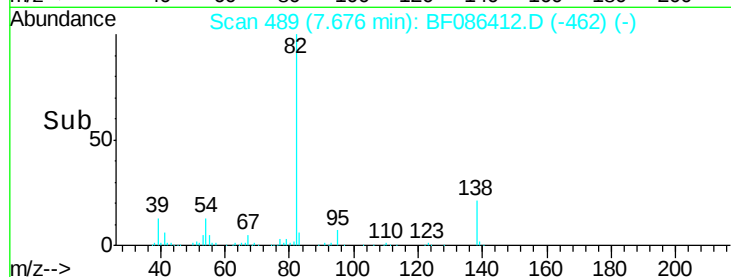
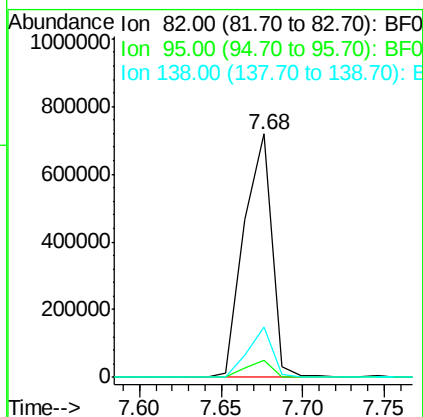
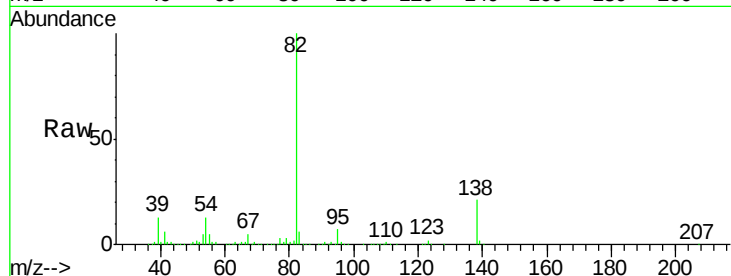
Tgt Ion: 82 Resp: 842152

Ion Ratio Lower Upper

82 100

95 6.8 5.1 7.7

138 20.9 12.4 18.6#



#26

2-Nitrophenol

Concen: 25.14 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.00 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

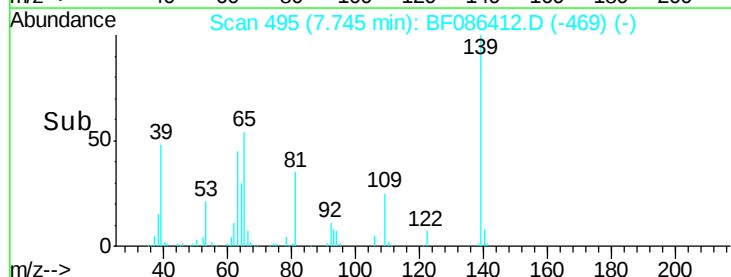
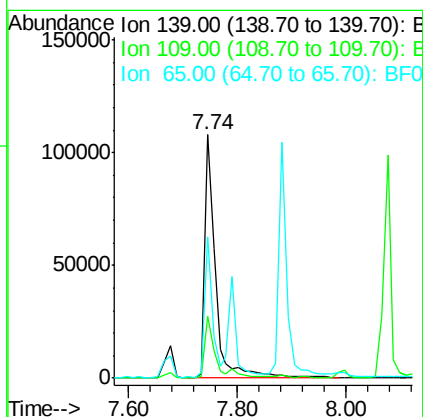
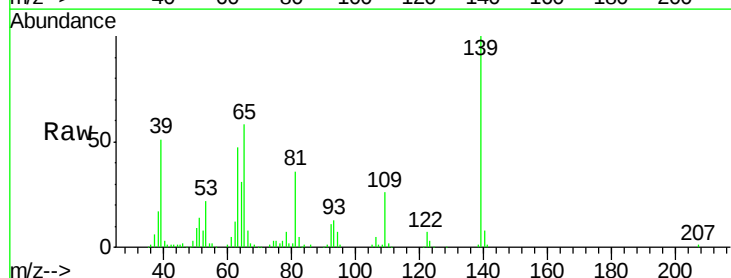
Tgt Ion: 139 Resp: 148911

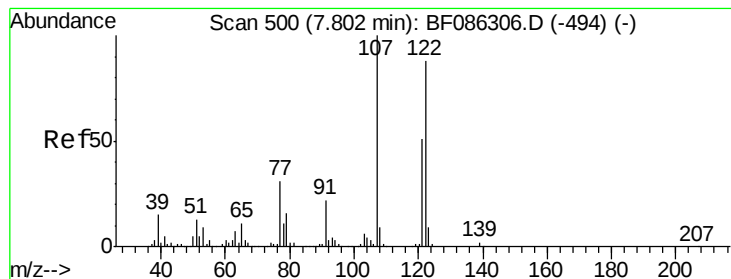
Ion Ratio Lower Upper

139 100

109 25.6 19.5 29.3

65 57.8 37.5 56.3#





#27

2,4-Dimethylphenol

Concen: 39.77 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.00 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

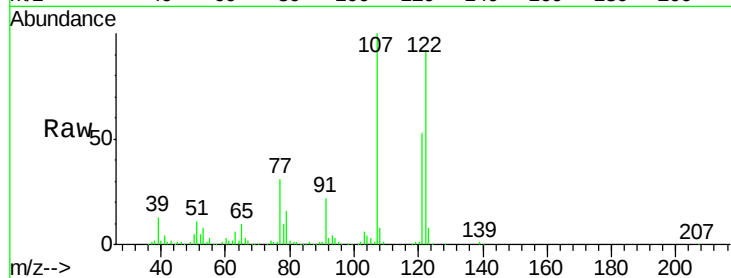
Tgt Ion:122 Resp: 403402

Ion Ratio Lower Upper

122 100

107 109.2 82.0 123.0

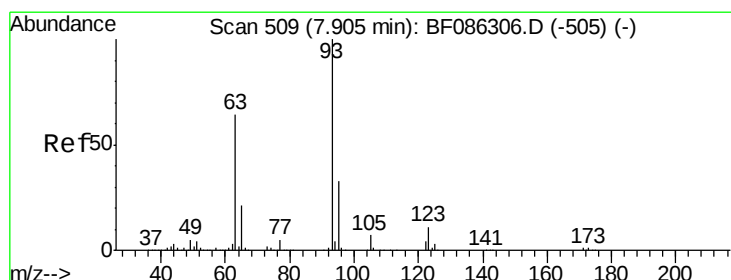
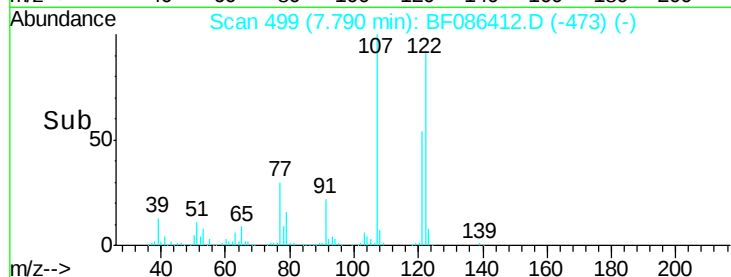
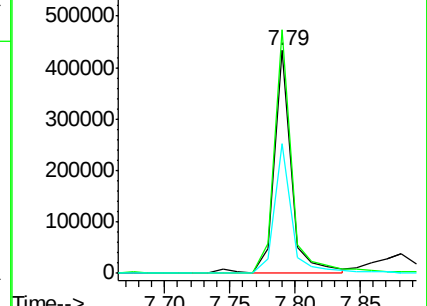
121 58.2 46.1 69.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.89 ng

RT: 7.88 min Scan# 507

Delta R.T. -0.00 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

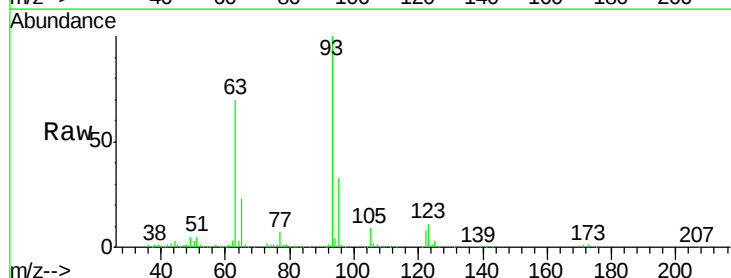
Tgt Ion: 93 Resp: 487879

Ion Ratio Lower Upper

93 100

95 32.7 26.0 39.0

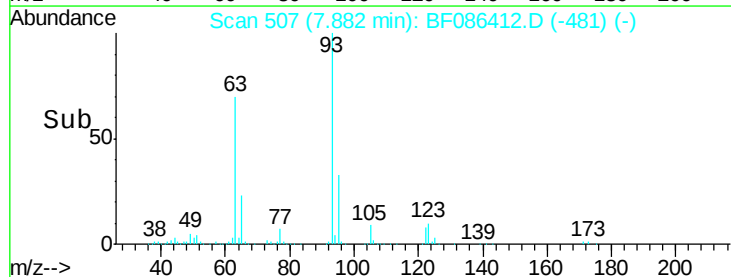
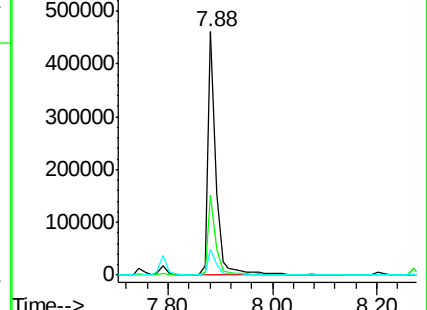
123 10.6 9.5 14.3

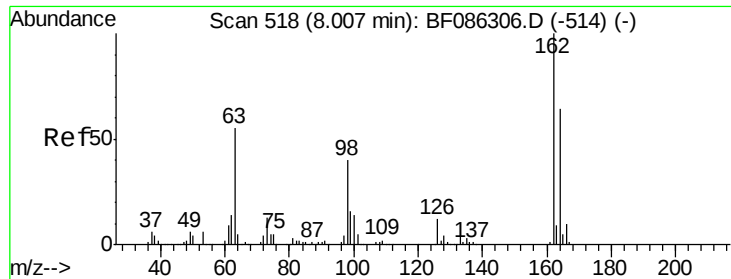


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

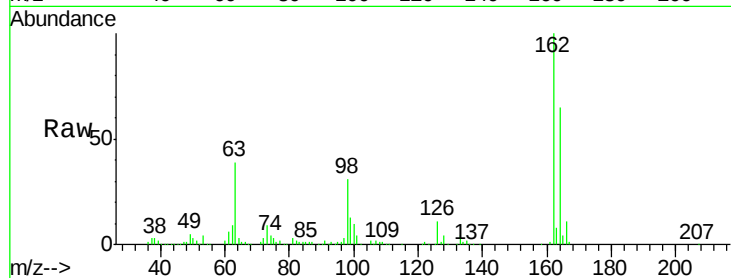




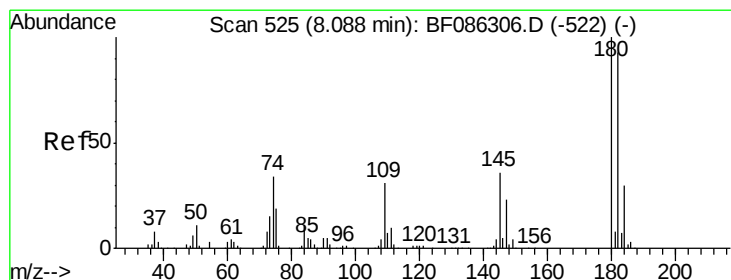
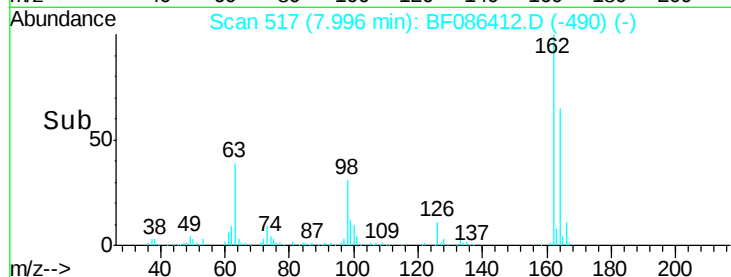
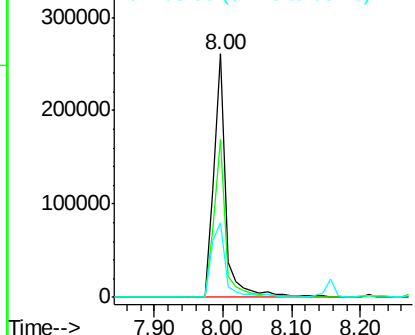
#29
2,4-Dichlorophenol
Concen: 38.85 ng
RT: 8.00 min Scan# 517
Delta R.T. 0.01 min
Lab File: BF086412.D
Acq: 24 Apr 2016 1:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:162 Resp: 325775
Ion Ratio Lower Upper
162 100
164 64.9 42.2 82.2
98 30.8 19.0 59.0

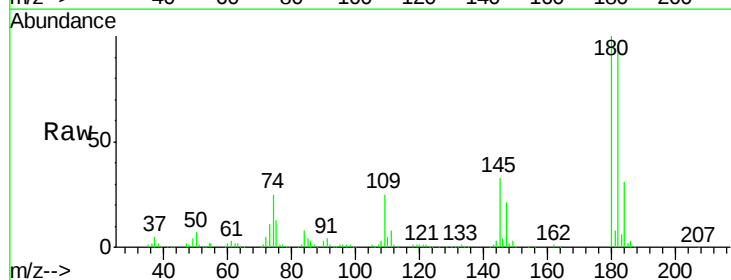


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

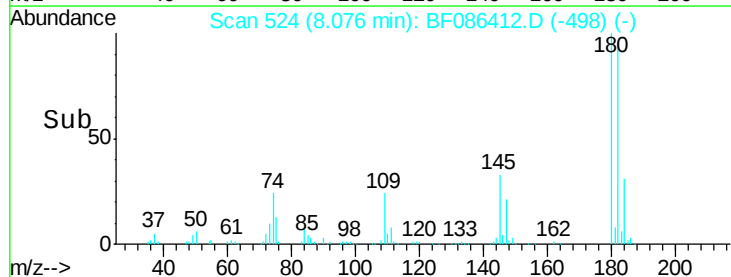
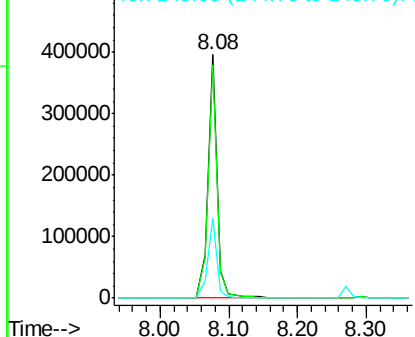


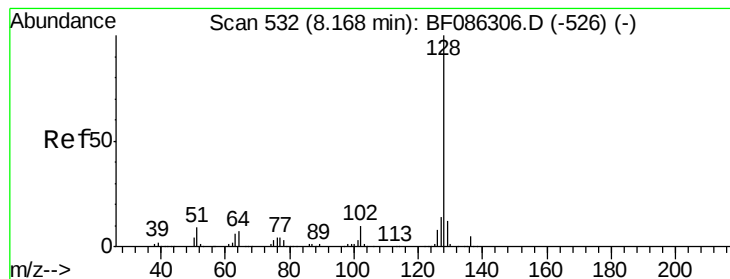
#30
1,2,4-Trichlorobenzene
Concen: 40.54 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF086412.D
Acq: 24 Apr 2016 1:40

Tgt Ion:180 Resp: 369245
Ion Ratio Lower Upper
180 100
182 95.9 78.0 117.0
145 32.6 24.2 36.2



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





#31

Naphthalene

Concen: 35.99 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.00 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

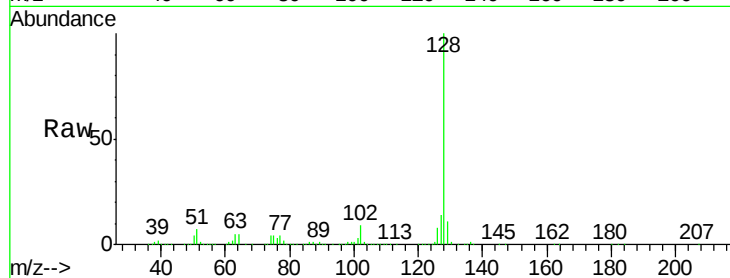
Tgt Ion:128 Resp: 1213954

Ion Ratio Lower Upper

128 100

129 11.3 8.6 13.0

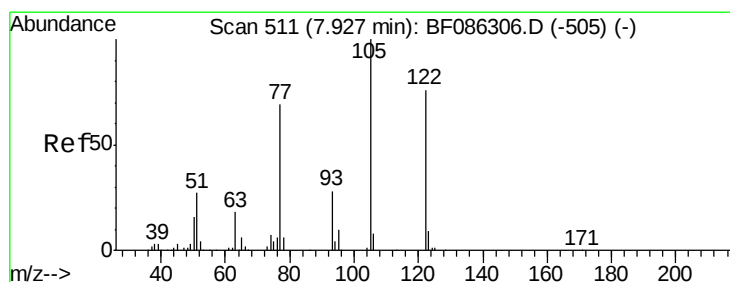
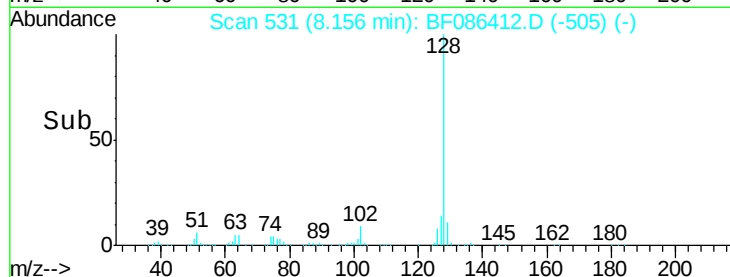
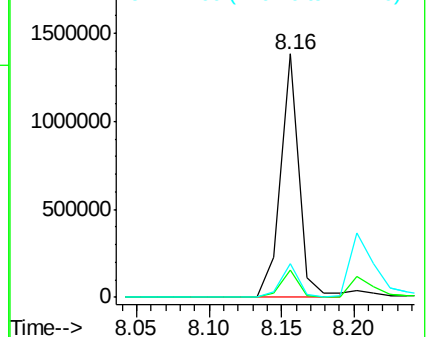
127 13.6 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 21.07 ng

RT: 7.88 min Scan# 507

Delta R.T. -0.02 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

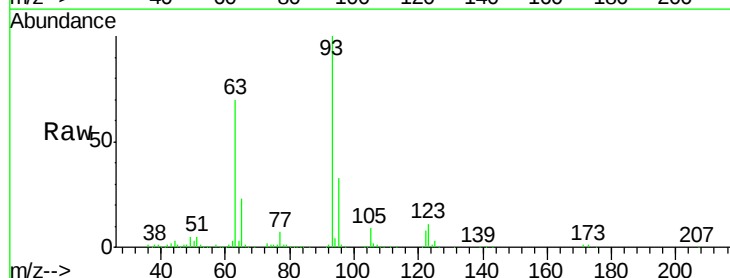
Tgt Ion:122 Resp: 136649

Ion Ratio Lower Upper

122 100

105 110.7 92.6 132.6

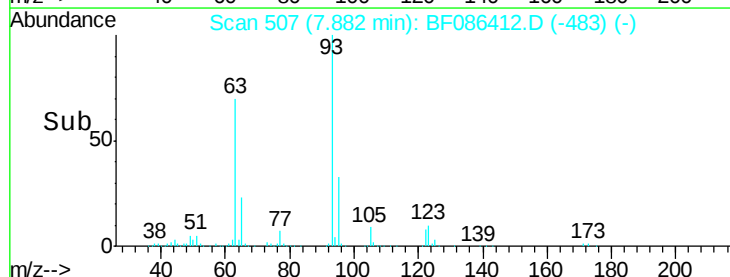
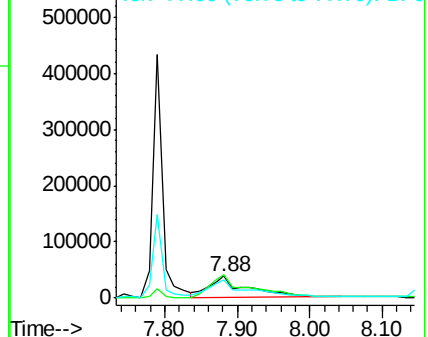
77 87.0 60.0 100.0

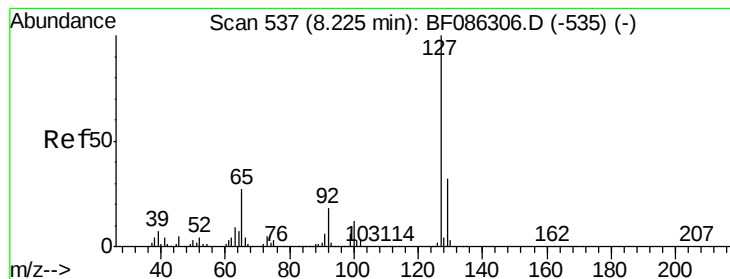


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 37.86 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.00 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:127 Resp: 497386

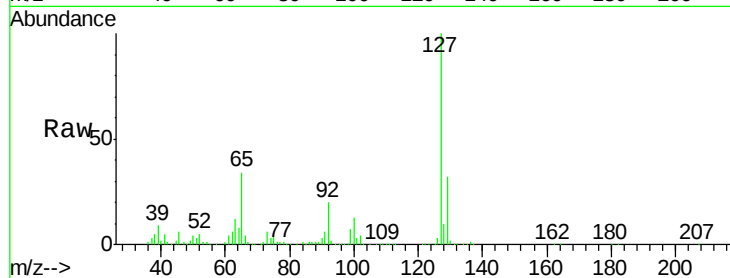
Ion Ratio Lower Upper

127 100

129 32.1 26.2 39.4

65 33.7 23.0 34.4

92 20.4 15.1 22.7

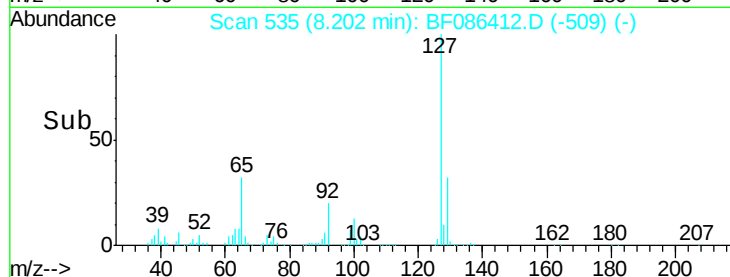


Abundance Ion 127.00 (126.70 to 127.70): E

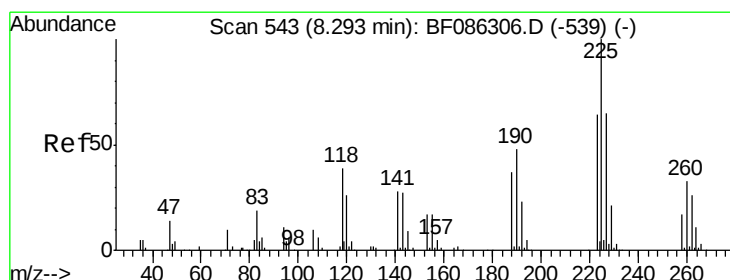
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



Time-->



#34

Hexachlorobutadiene

Concen: 40.28 ng

RT: 8.27 min Scan# 541

Delta R.T. -0.00 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

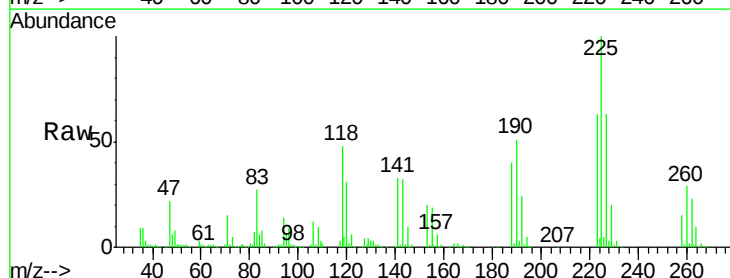
Tgt Ion:225 Resp: 183174

Ion Ratio Lower Upper

225 100

223 62.5 51.5 77.3

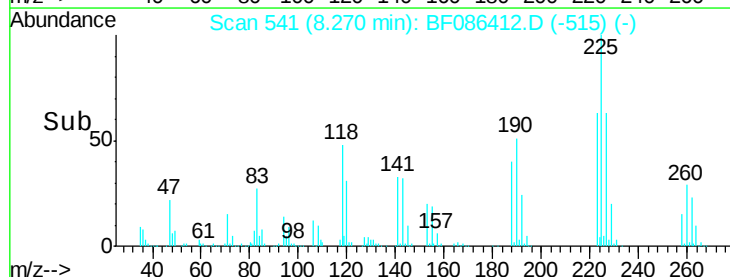
227 62.7 52.2 78.2



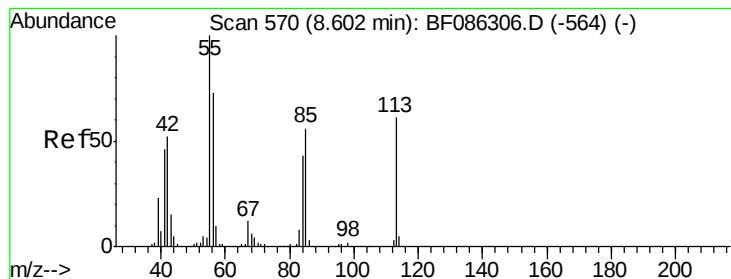
Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



Time-->



#35

Caprolactam

Concen: 32.35 ng

RT: 8.57 min Scan# 567

Delta R.T. -0.00 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

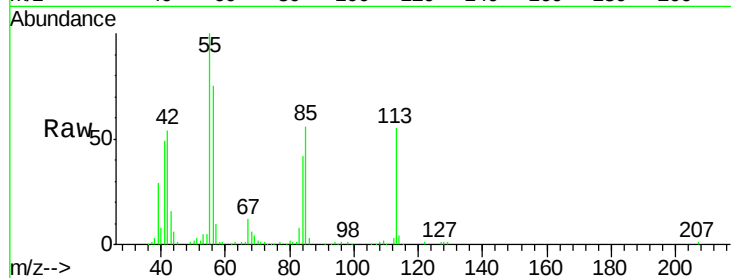
Tgt Ion:113 Resp: 97323

Ion Ratio Lower Upper

113 100

55 181.4 162.0 202.0

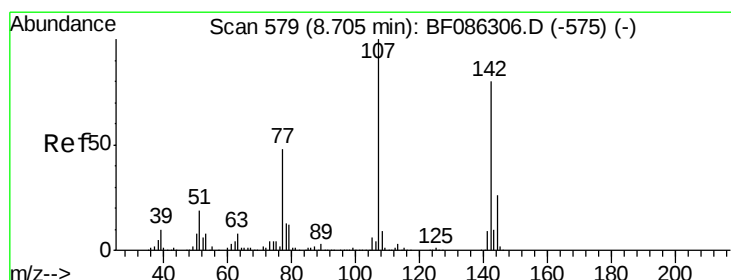
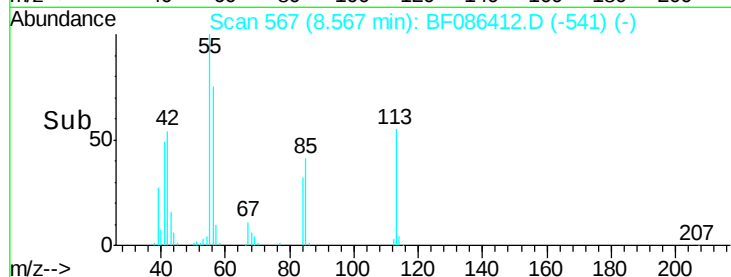
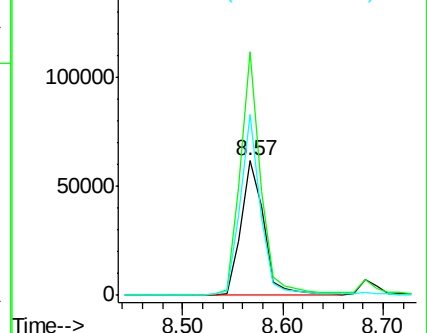
56 135.2 115.3 155.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 33.09 ng

RT: 8.68 min Scan# 577

Delta R.T. -0.00 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

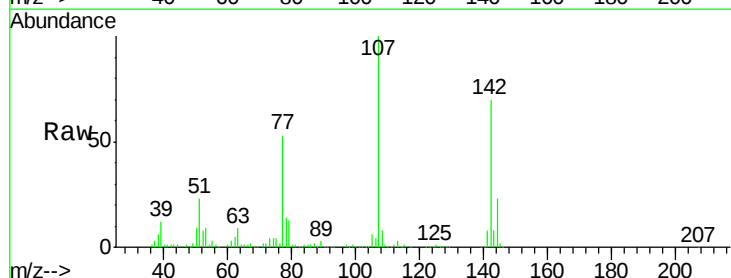
Tgt Ion:107 Resp: 329723

Ion Ratio Lower Upper

107 100

144 23.0 20.7 31.1

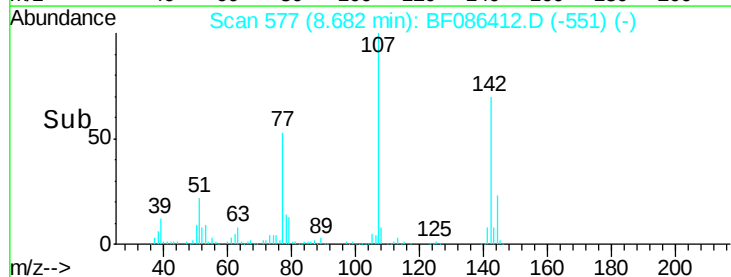
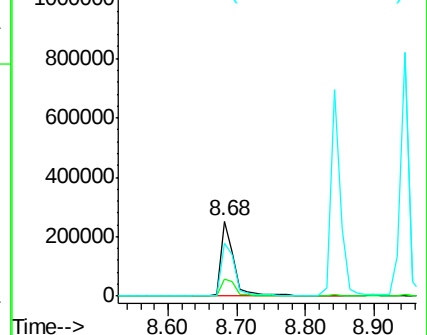
142 70.2 63.2 94.8

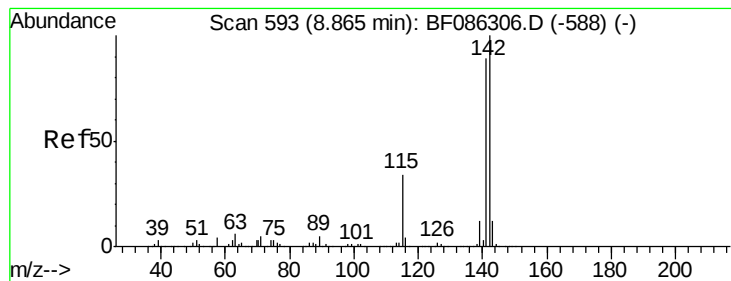


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 35.13 ng

RT: 8.84 min Scan# 591

Delta R.T. -0.00 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

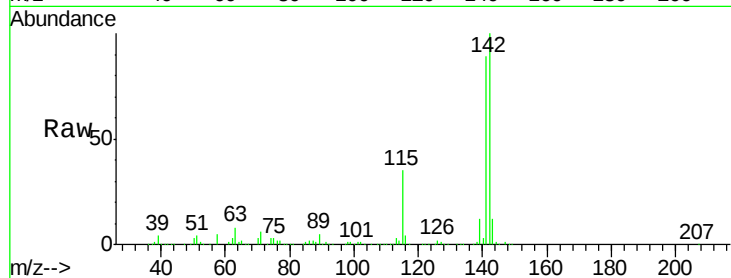
Tgt Ion:142 Resp: 683459

Ion Ratio Lower Upper

142 100

141 88.7 71.0 106.6

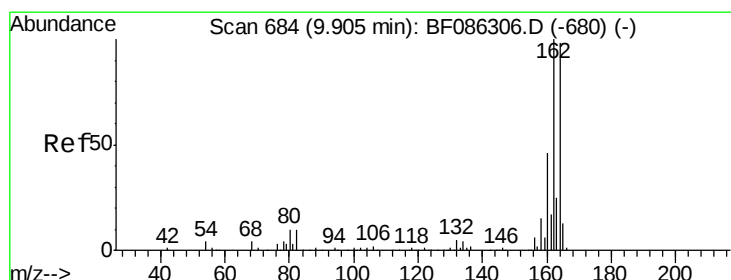
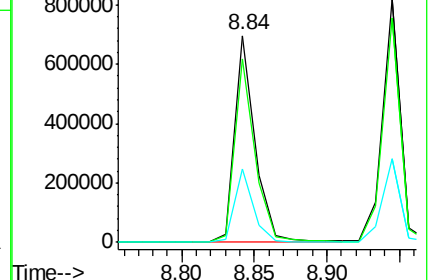
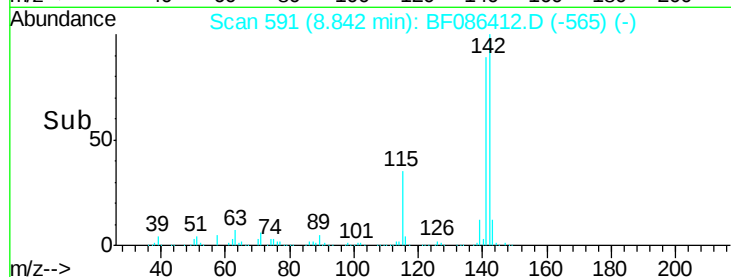
115 35.5 26.6 39.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.00 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

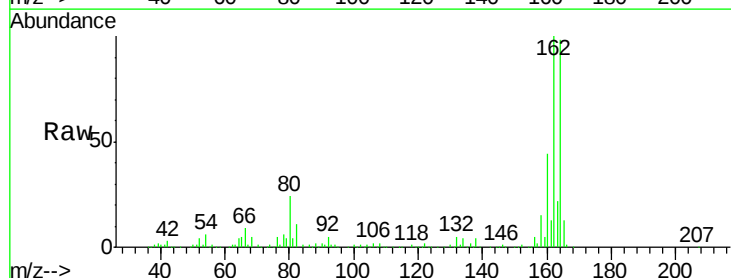
Tgt Ion:164 Resp: 253872

Ion Ratio Lower Upper

164 100

162 101.6 82.8 124.2

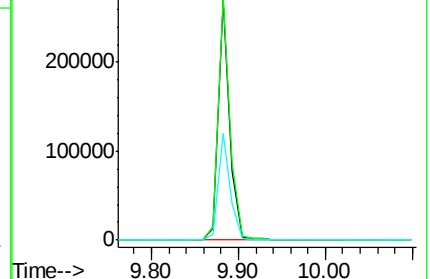
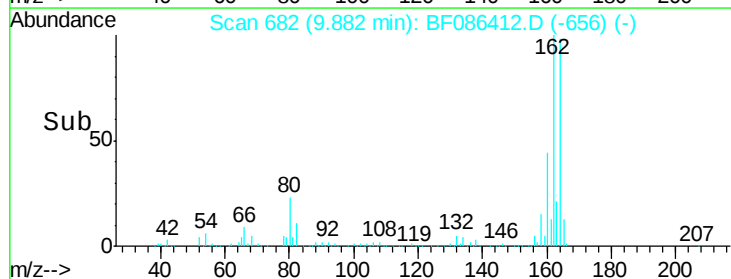
160 44.5 36.9 55.3

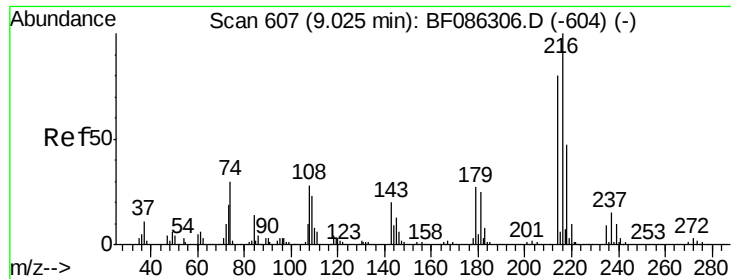


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.76 ng

RT: 9.01 min Scan# 606

Delta R.T. -0.00 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:216 Resp: 313693

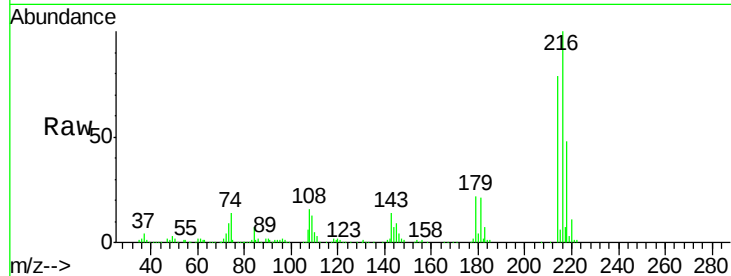
Ion Ratio Lower Upper

216 100

214 80.3 62.6 93.8

179 22.8 18.2 27.4

108 19.2 17.5 26.3

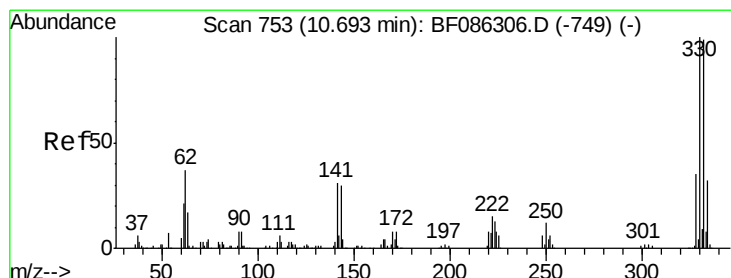
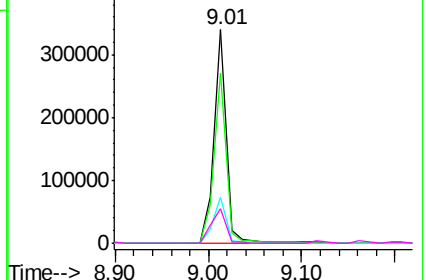
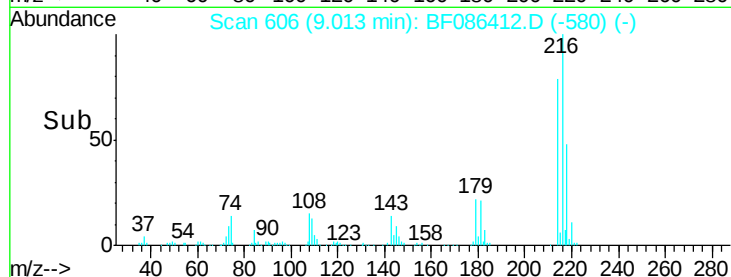


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#41

2,4,6-Tribromophenol

Concen: 74.87 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

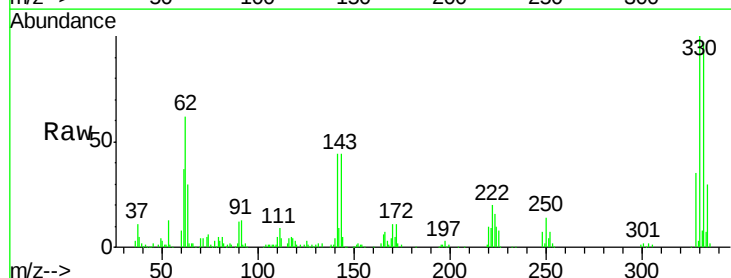
Tgt Ion:330 Resp: 172071

Ion Ratio Lower Upper

330 100

332 97.6 79.0 118.4

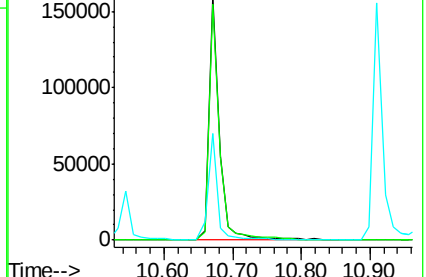
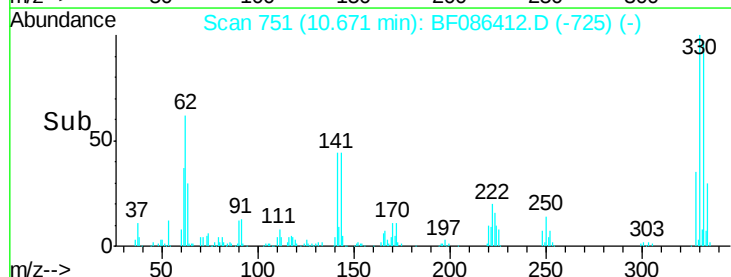
141 41.7 31.2 46.8

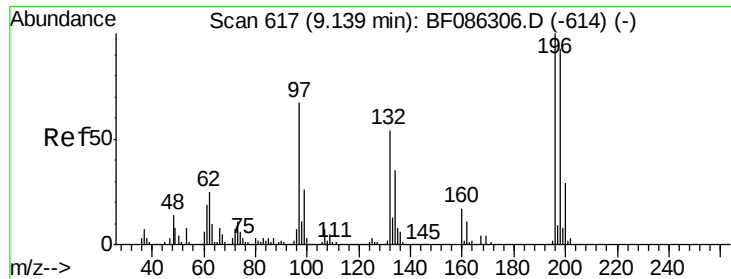


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#42

2,4,6-Trichlorophenol

Concen: 45.20 ng

RT: 9.13 min Scan# 616

Delta R.T. 0.01 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

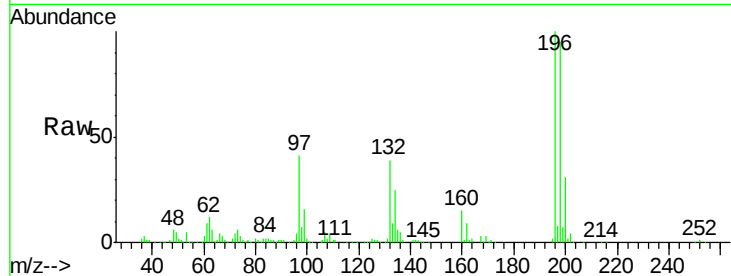
Tgt Ion:196 Resp: 194650

Ion Ratio Lower Upper

196 100

198 94.9 74.7 112.1

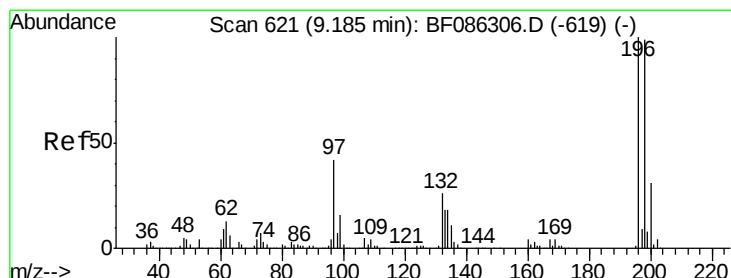
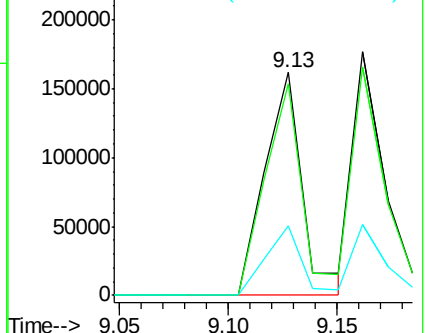
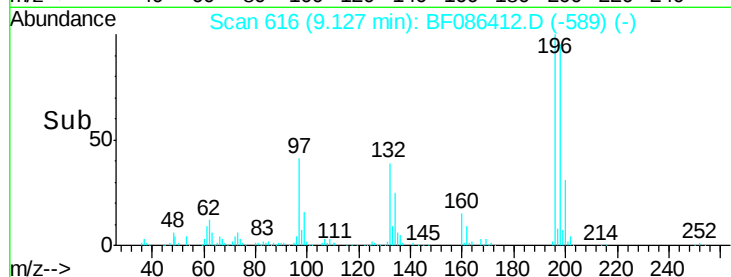
200 31.4 23.8 35.6



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 37.00 ng

RT: 9.16 min Scan# 619

Delta R.T. -0.00 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Tgt Ion:196 Resp: 196209

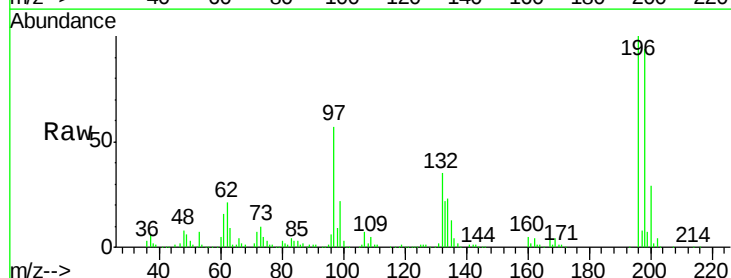
Ion Ratio Lower Upper

196 100

198 93.8 77.5 116.3

97 56.9 34.8 52.2#

132 34.6 23.0 34.4#

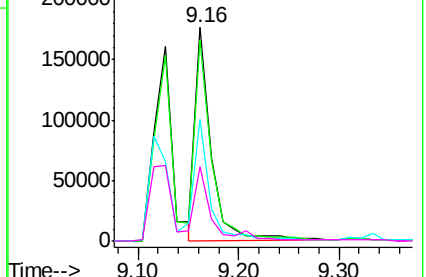
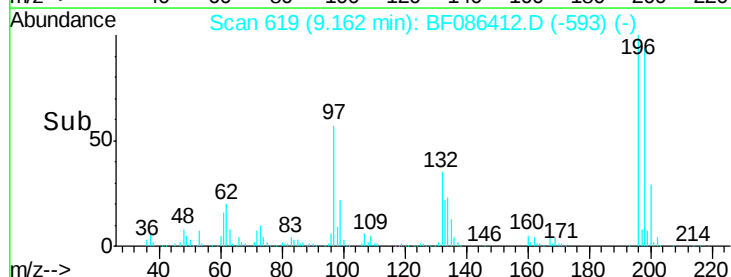


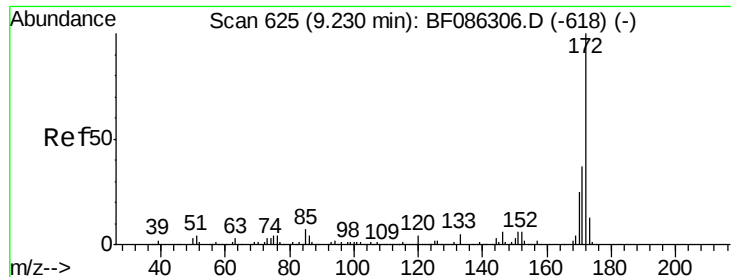
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E





#44

2-Fluorobiphenyl

Concen: 84.76 ng

RT: 9.21 min Scan# 623

Delta R.T. -0.00 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

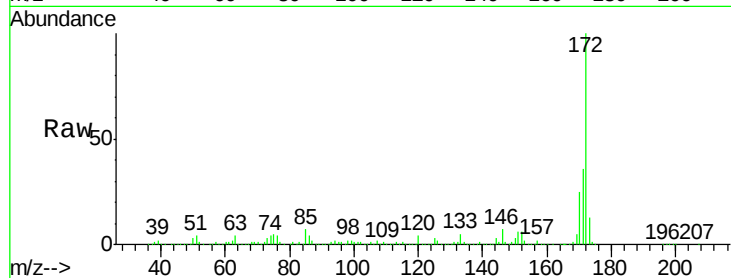
Tgt Ion:172 Resp: 1260946

Ion Ratio Lower Upper

172 100

171 36.3 29.0 43.6

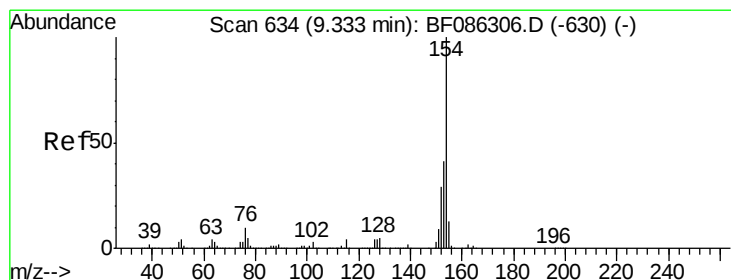
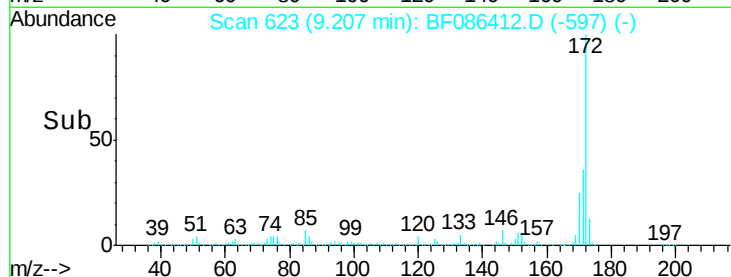
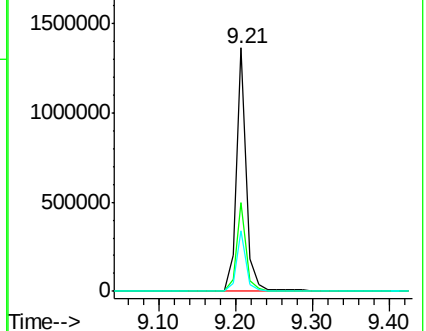
170 25.1 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 44.93 ng

RT: 9.31 min Scan# 632

Delta R.T. -0.00 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

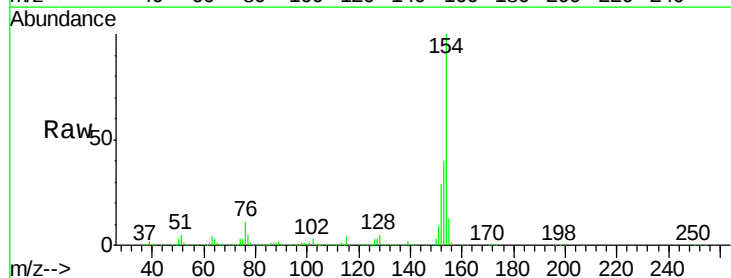
Tgt Ion:154 Resp: 884832

Ion Ratio Lower Upper

154 100

153 40.1 20.3 60.3

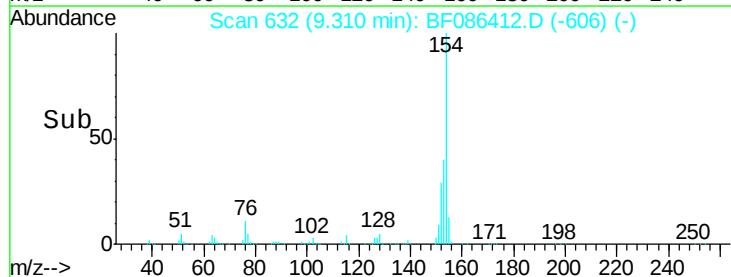
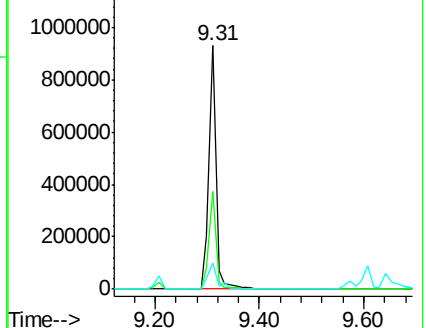
76 10.7 0.0 30.2

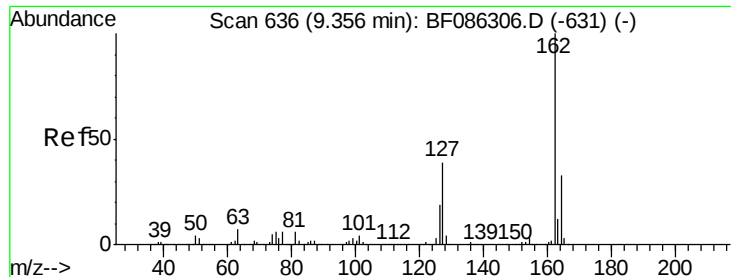


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

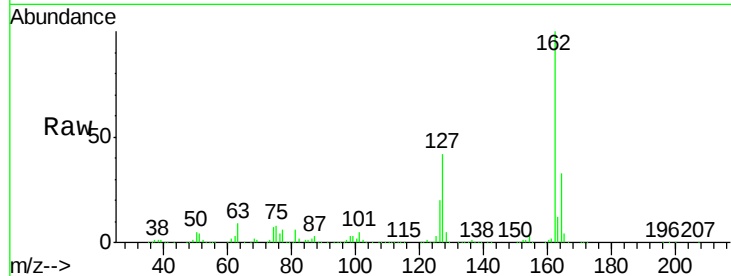




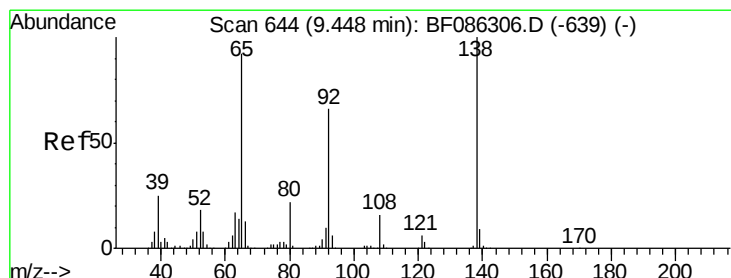
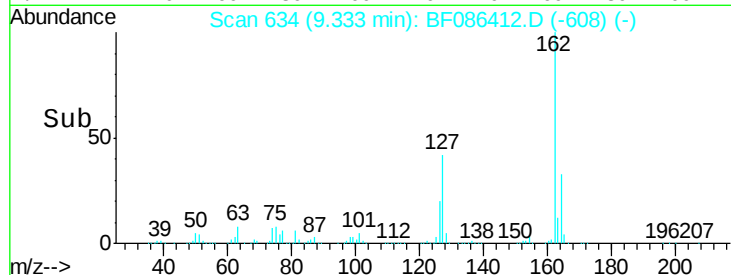
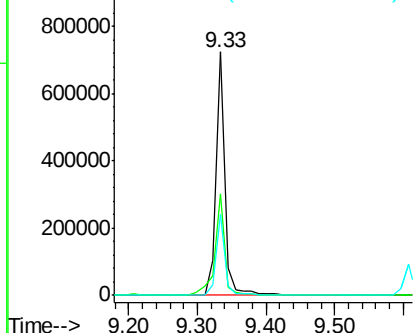
#46
2-Chloronaphthalene
Concen: 43.09 ng
RT: 9.33 min Scan# 634
Delta R.T. -0.00 min
Lab File: BF086412.D
Acq: 24 Apr 2016 1:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 162 Resp: 671832
Ion Ratio Lower Upper
162 100
127 41.7 31.8 47.6
164 33.1 27.0 40.6

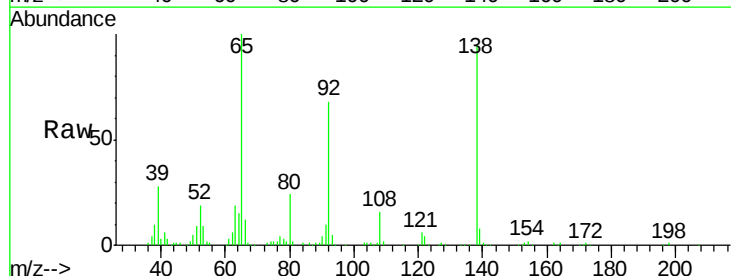


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

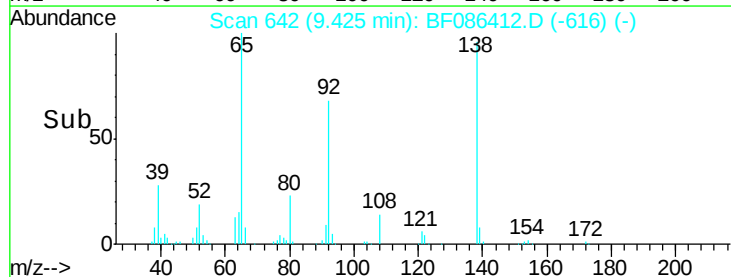
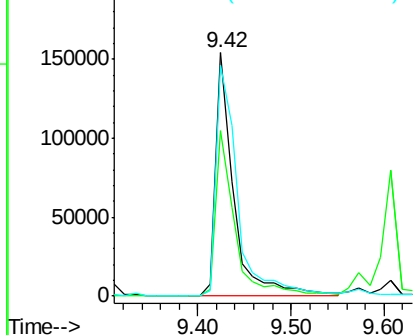


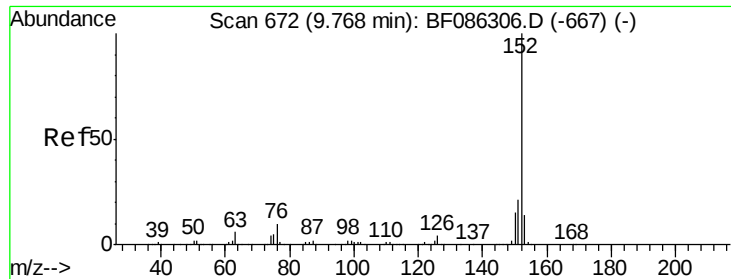
#47
2-Nitroaniline
Concen: 42.89 ng
RT: 9.42 min Scan# 642
Delta R.T. -0.00 min
Lab File: BF086412.D
Acq: 24 Apr 2016 1:40

Tgt Ion: 65 Resp: 208187
Ion Ratio Lower Upper
65 100
92 67.7 57.4 86.2
138 95.1 90.1 135.1



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





#48

Acenaphthylene

Concen: 39.50 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.00 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

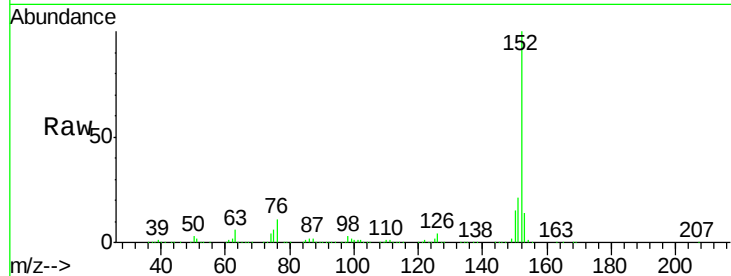
Tgt Ion:152 Resp: 998506

Ion Ratio Lower Upper

152 100

151 20.9 16.8 25.2

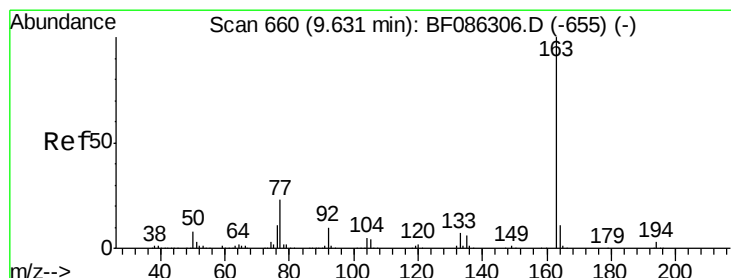
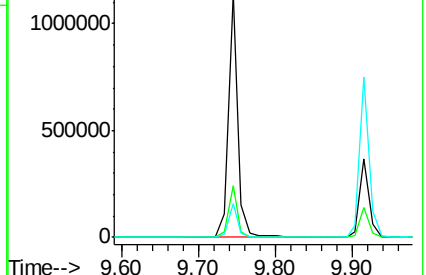
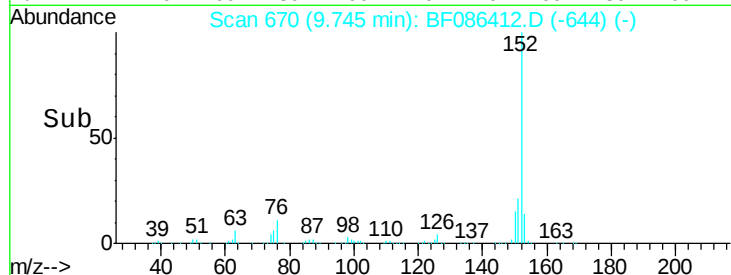
153 13.7 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 43.61 ng

RT: 9.61 min Scan# 658

Delta R.T. -0.00 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

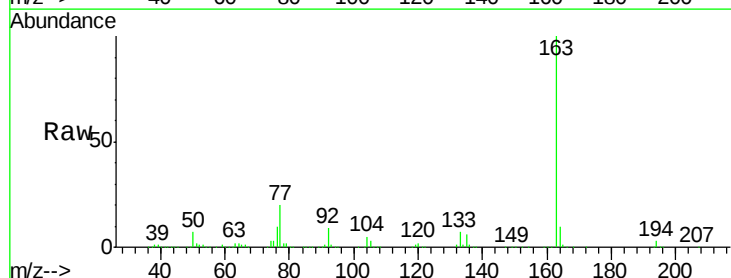
Tgt Ion:163 Resp: 799793

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

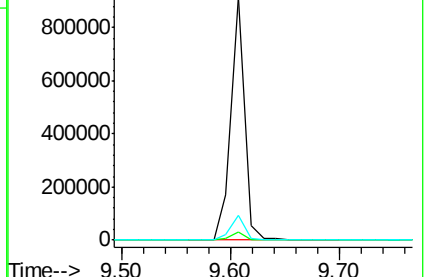
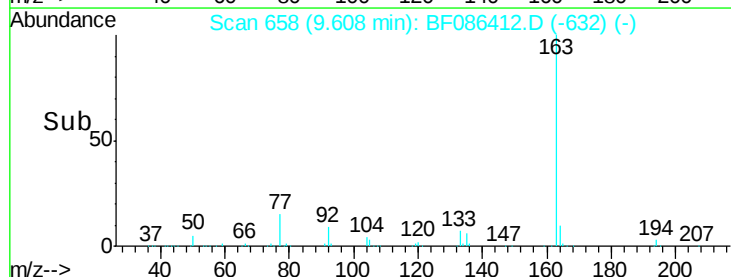
164 10.2 8.2 12.4

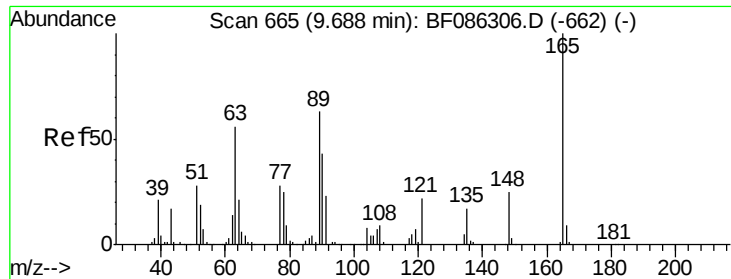


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

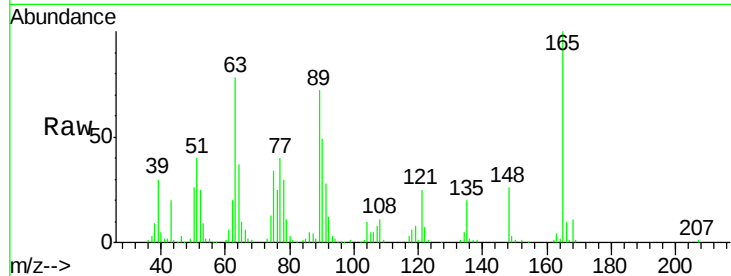




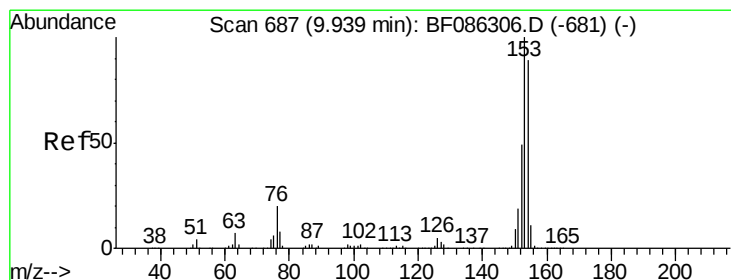
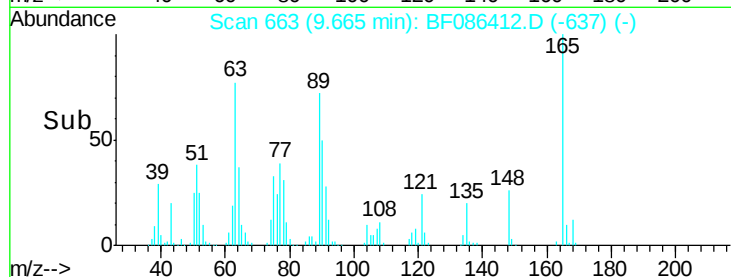
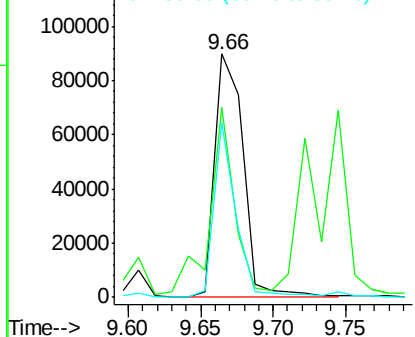
#50
 2,6-Dinitrotoluene
 Concen: 30.95 ng
 RT: 9.66 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BF086412.D
 Acq: 24 Apr 2016 1:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:165 Resp: 122615
 Ion Ratio Lower Upper
 165 100
 63 78.2 51.8 77.8#
 89 71.8 50.7 76.1

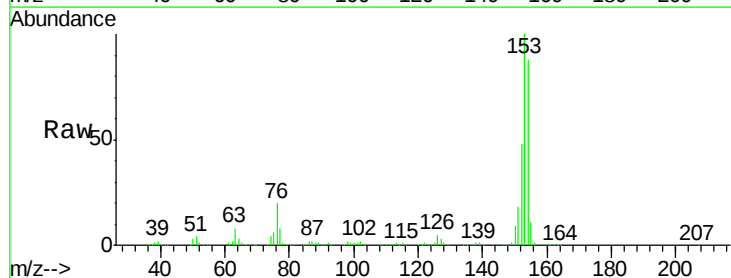


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

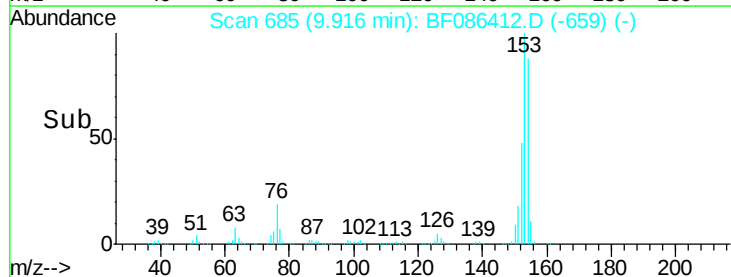
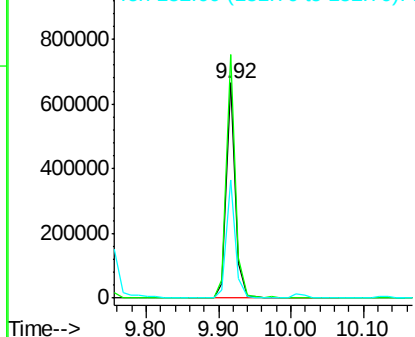


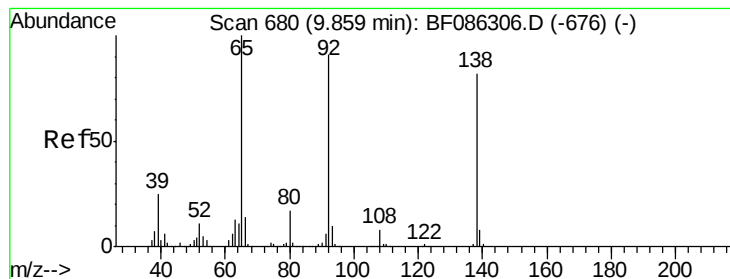
#51
 Acenaphthene
 Concen: 37.38 ng
 RT: 9.92 min Scan# 685
 Delta R.T. -0.00 min
 Lab File: BF086412.D
 Acq: 24 Apr 2016 1:40

Tgt Ion:154 Resp: 580444
 Ion Ratio Lower Upper
 154 100
 153 113.2 89.8 134.6
 152 54.8 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 45.01 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

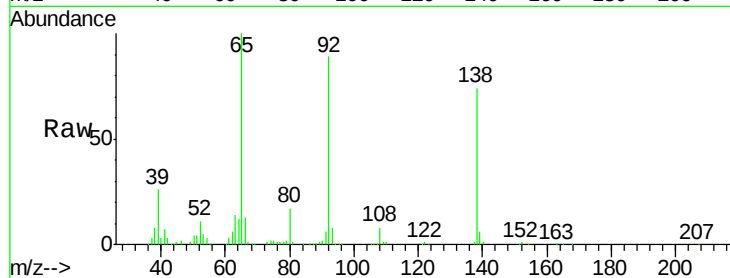
Tgt Ion:138 Resp: 223218

Ion Ratio Lower Upper

138 100

108 10.6 7.8 11.6

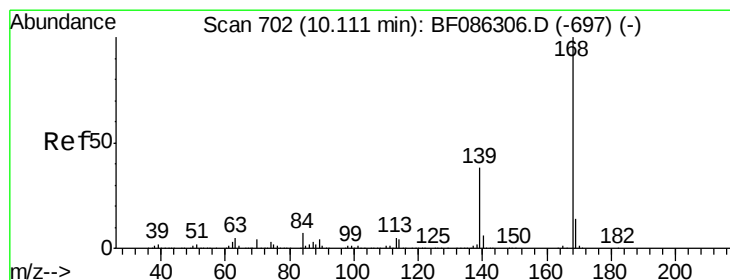
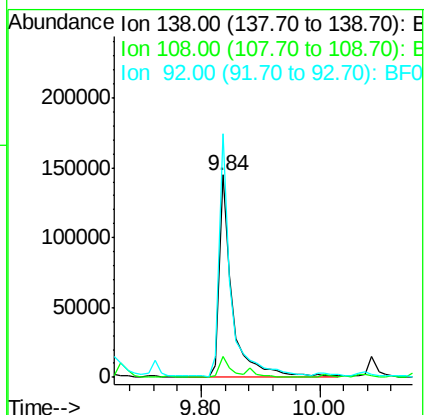
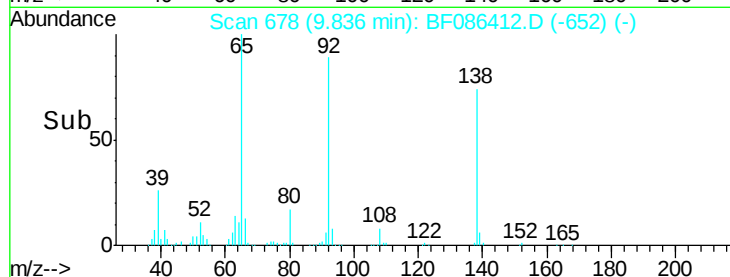
92 120.3 87.8 131.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#54

Dibenzofuran

Concen: 39.57 ng

RT: 10.09 min Scan# 700

Delta R.T. -0.00 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

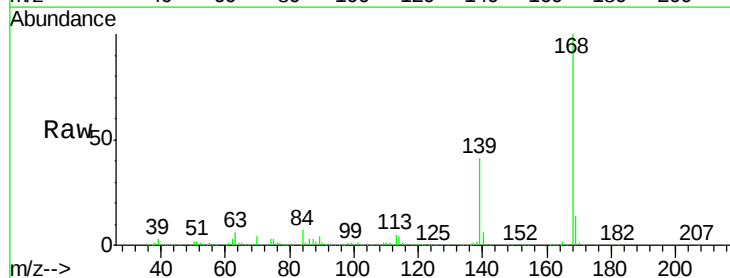
Tgt Ion:168 Resp: 789176

Ion Ratio Lower Upper

168 100

139 40.5 31.4 47.0

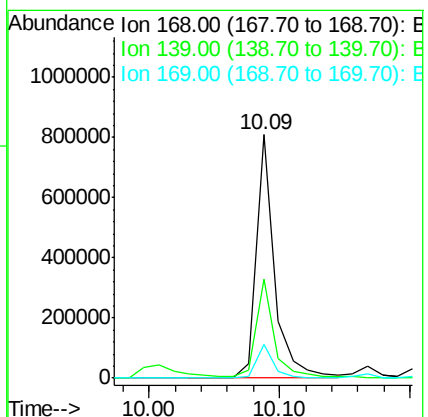
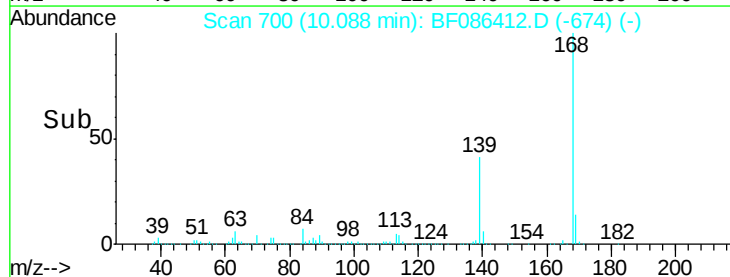
169 13.7 10.7 16.1

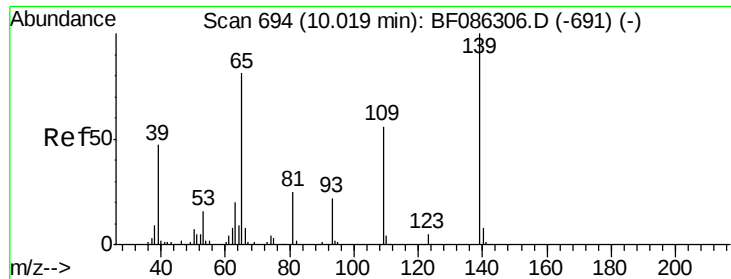


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

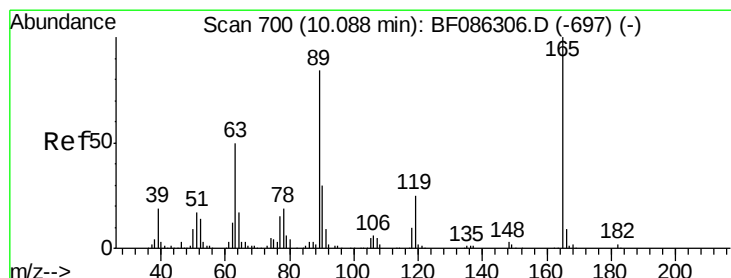
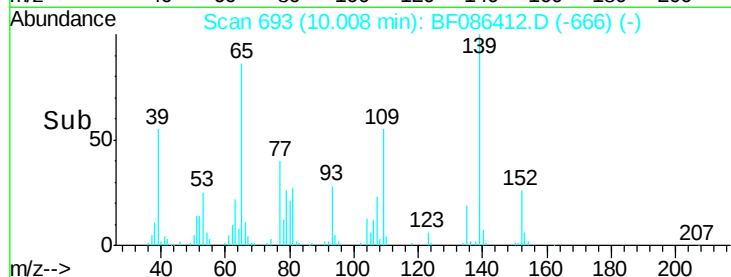
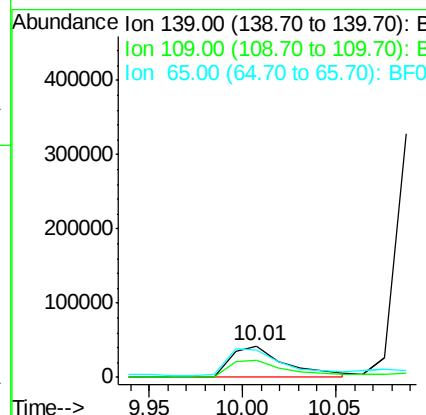
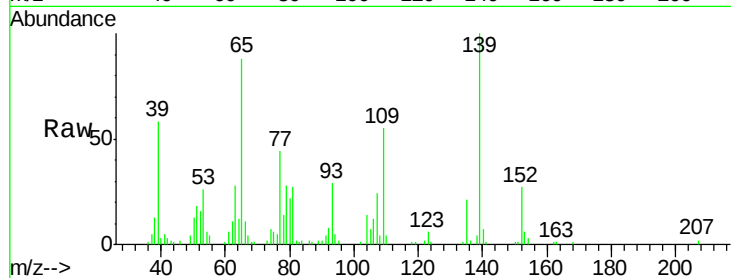




#55
4-Nitrophenol
Concen: 25.10 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.01 min
Lab File: BF086412.D
Acq: 24 Apr 2016 1:40

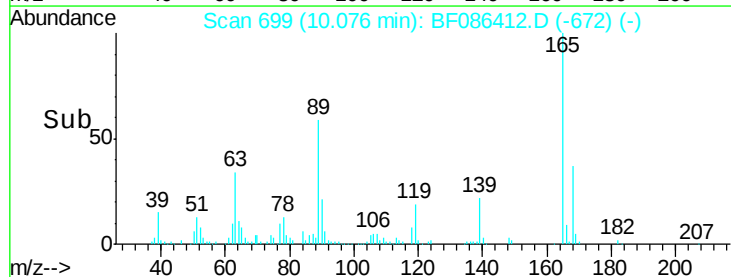
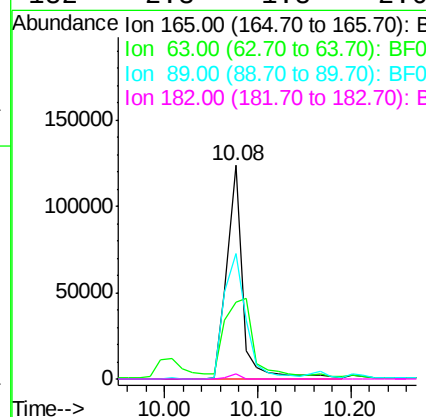
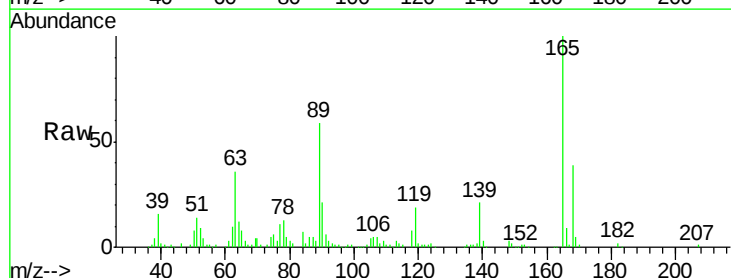
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

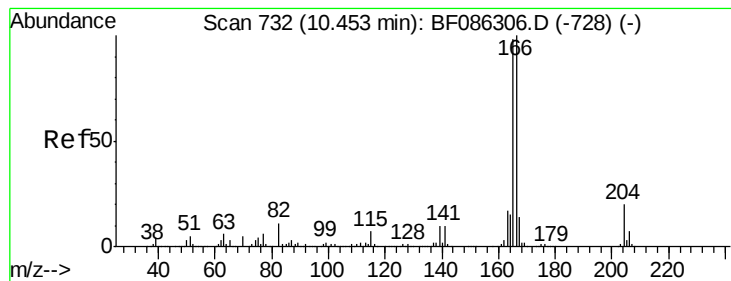
Tgt Ion:139 Resp: 87097
Ion Ratio Lower Upper
139 100
109 55.3 36.9 76.9
65 88.0 64.0 104.0



#56
2,4-Dinitrotoluene
Concen: 28.16 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.01 min
Lab File: BF086412.D
Acq: 24 Apr 2016 1:40

Tgt Ion:165 Resp: 148119
Ion Ratio Lower Upper
165 100
63 36.2 44.3 66.5#
89 59.0 70.0 105.0#
182 2.3 1.8 2.6





#57

Fluorene

Concen: 38.37 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

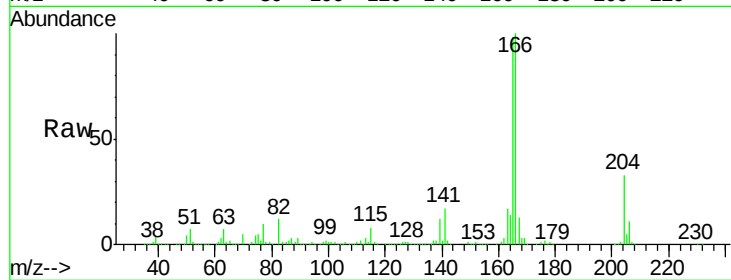
Tgt Ion:166 Resp: 626969

Ion Ratio Lower Upper

166 100

165 97.9 79.0 118.6

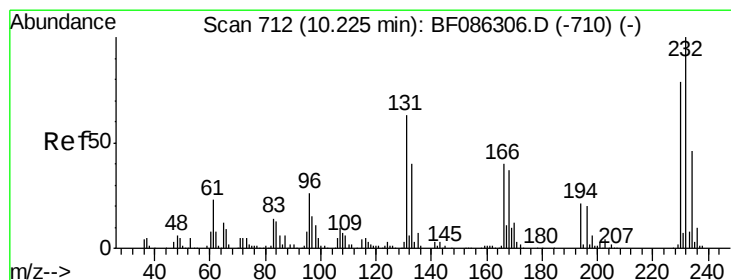
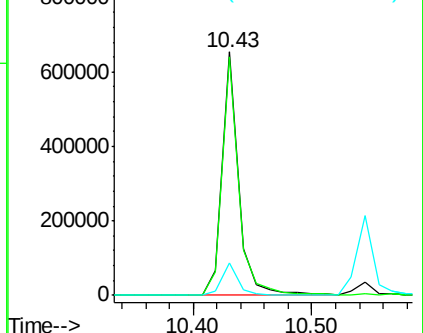
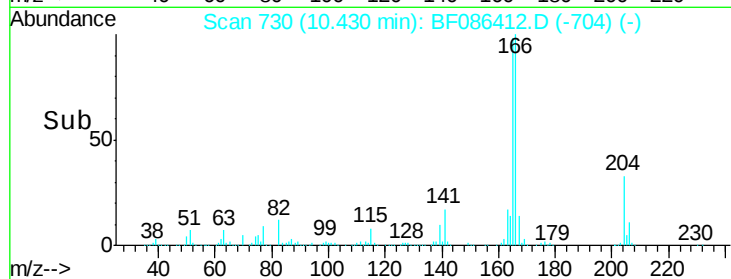
167 13.5 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 35.96 ng

RT: 10.21 min Scan# 711

Delta R.T. 0.01 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Tgt Ion:232 Resp: 139368

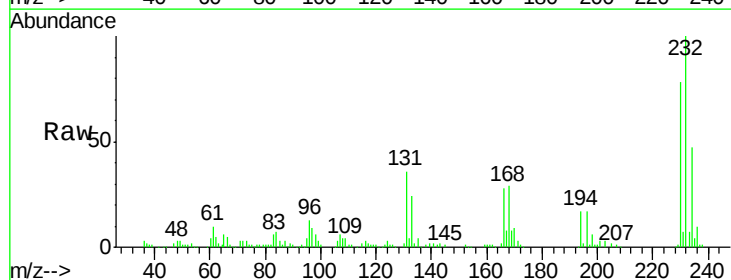
Ion Ratio Lower Upper

232 100

131 49.8 41.9 62.9

130 2.3 2.2 3.4

166 30.9 26.8 40.2

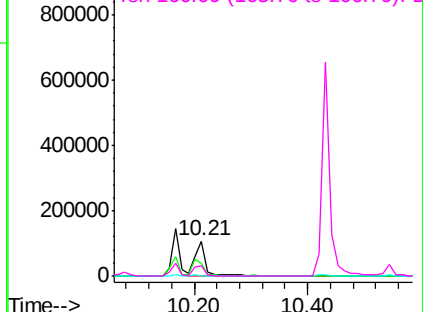
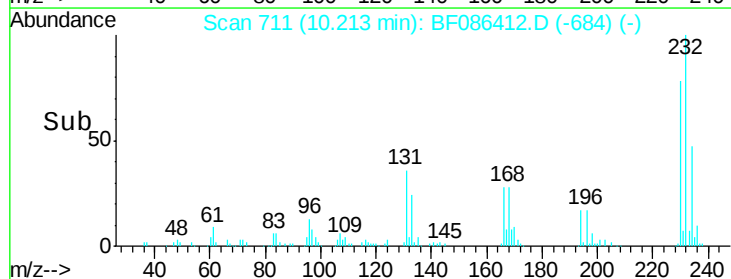


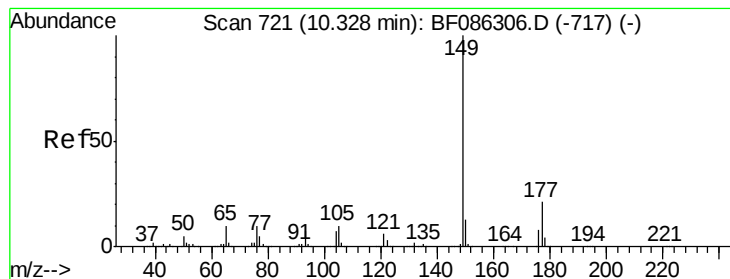
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 40.86 ng

RT: 10.30 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

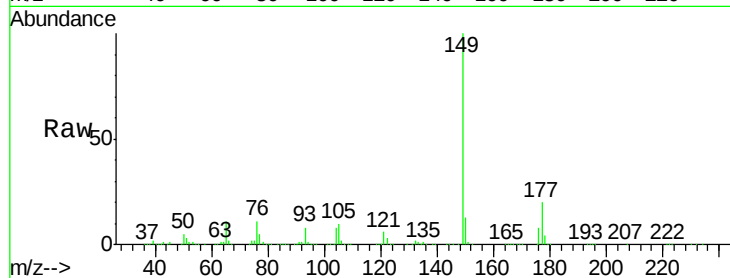
Tgt Ion:149 Resp: 717602

Ion Ratio Lower Upper

149 100

177 19.9 16.6 24.8

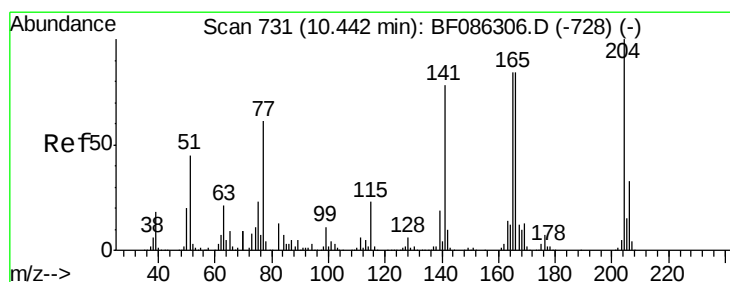
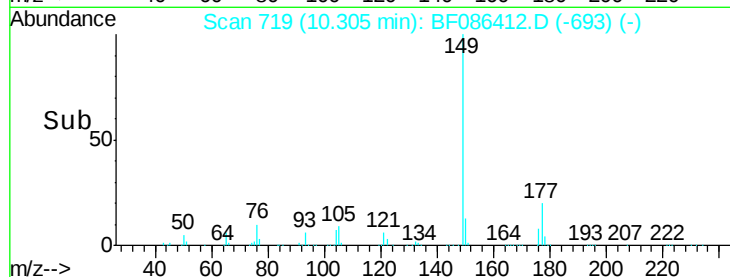
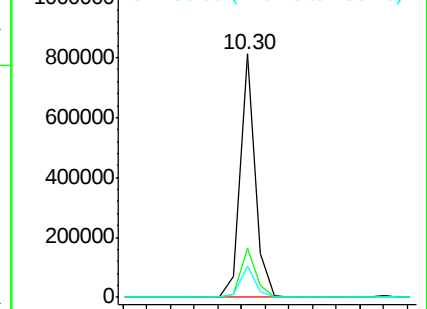
150 12.8 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.16 ng

RT: 10.43 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

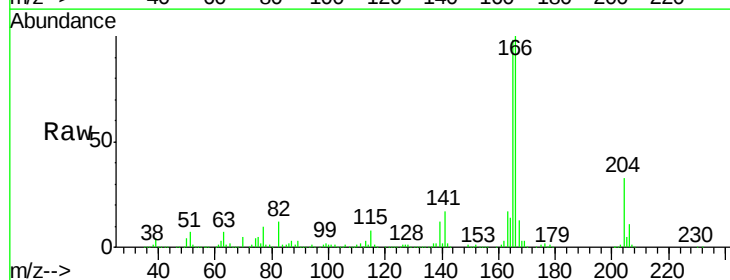
Tgt Ion:204 Resp: 287001

Ion Ratio Lower Upper

204 100

206 33.0 25.4 38.0

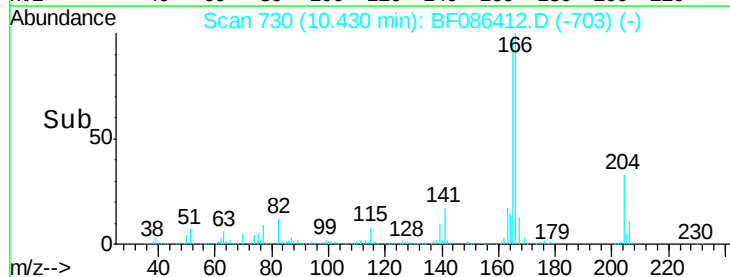
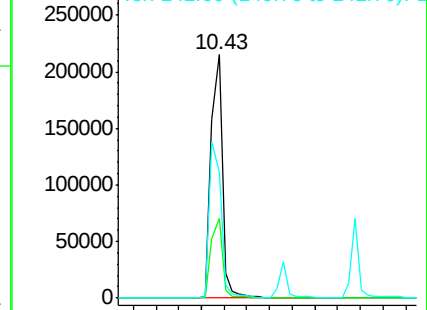
141 51.7 61.6 92.4#

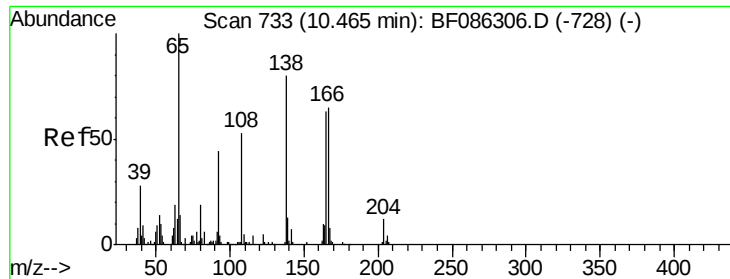


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

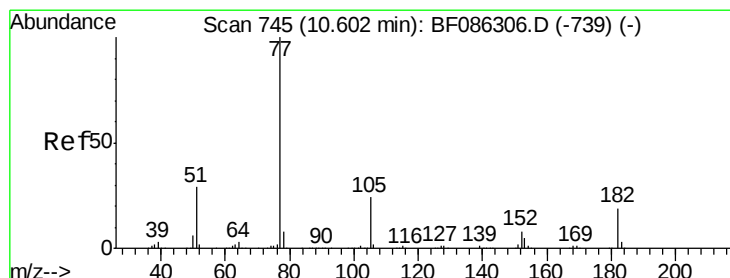
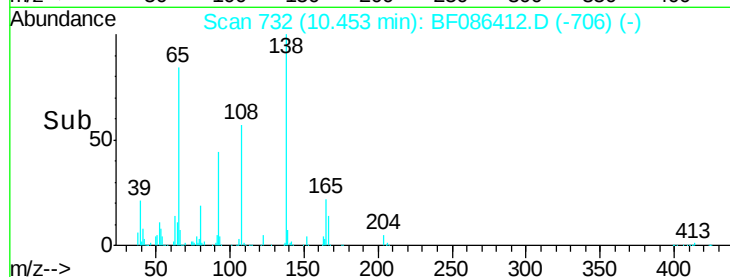
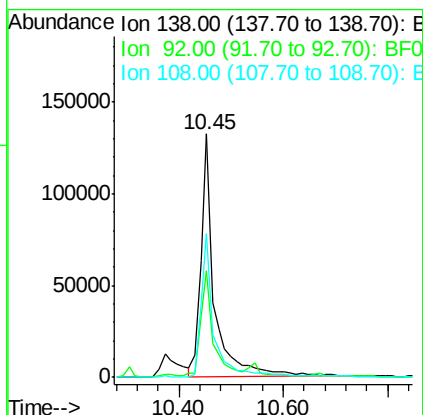
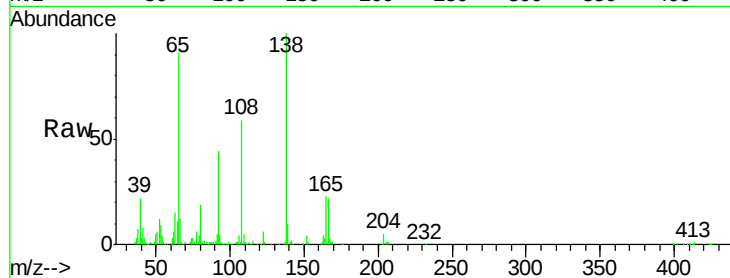




#61
4-Nitroaniline
Concen: 46.13 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF086412.D
Acq: 24 Apr 2016 1:40

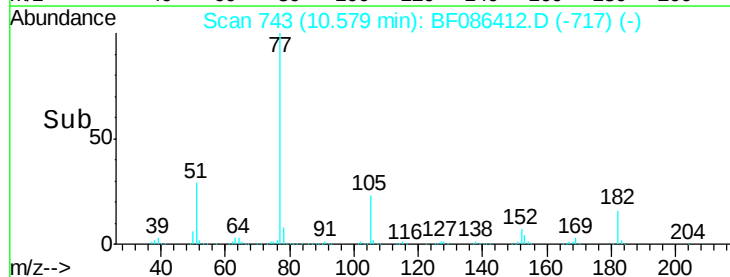
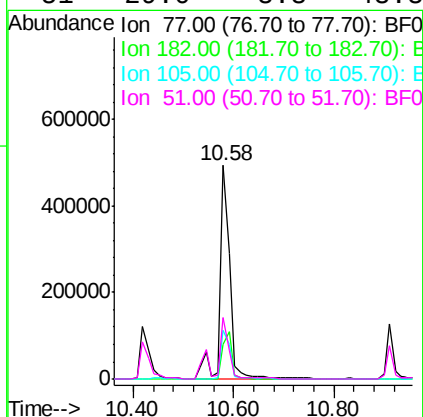
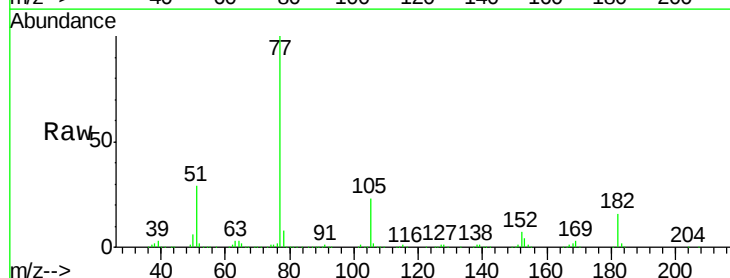
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

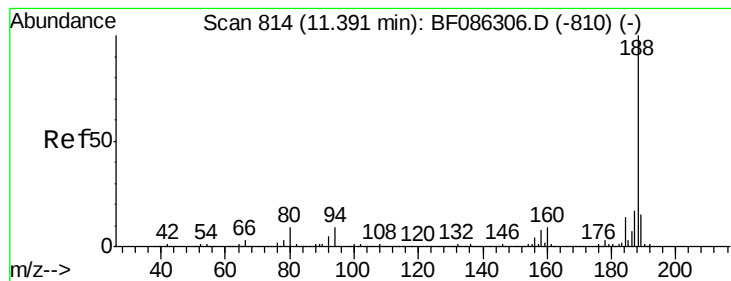
Tgt Ion: 138 Resp: 234166
Ion Ratio Lower Upper
138 100
92 44.0 24.7 64.7
108 59.2 37.4 77.4



#62
Azobenzene
Concen: 36.50 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF086412.D
Acq: 24 Apr 2016 1:40

Tgt Ion: 77 Resp: 664720
Ion Ratio Lower Upper
77 100
182 16.0 0.0 38.8
105 22.7 3.2 43.2
51 29.0 8.8 48.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

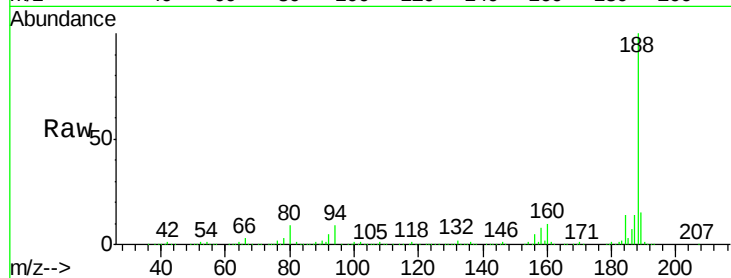
Tgt Ion:188 Resp: 453855

Ion Ratio Lower Upper

188 100

94 9.3 6.8 10.2

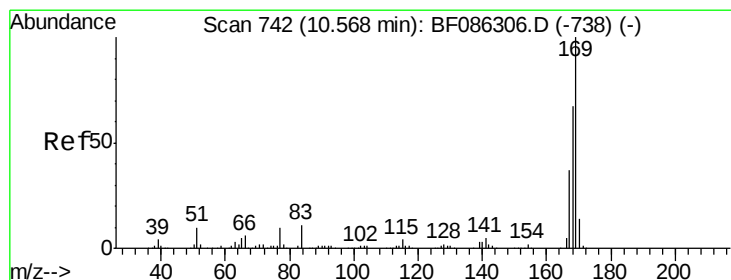
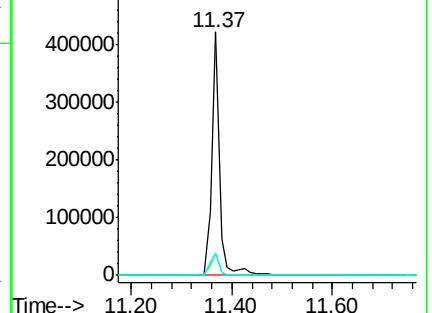
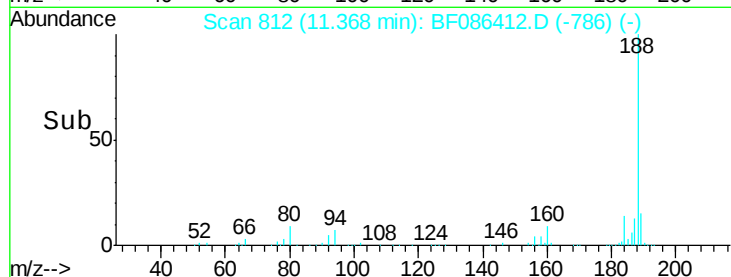
80 9.3 7.1 10.7



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#65

n-Nitrosodiphenylamine

Concen: 41.81 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

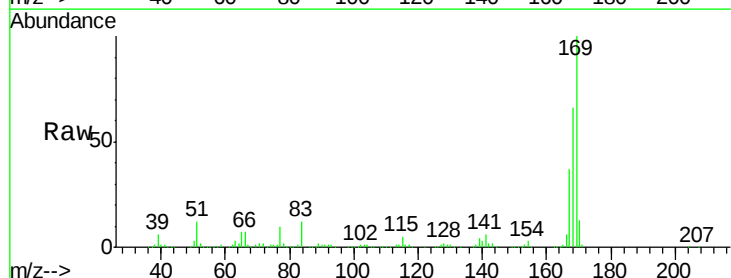
Tgt Ion:169 Resp: 585127

Ion Ratio Lower Upper

169 100

168 65.8 53.8 80.6

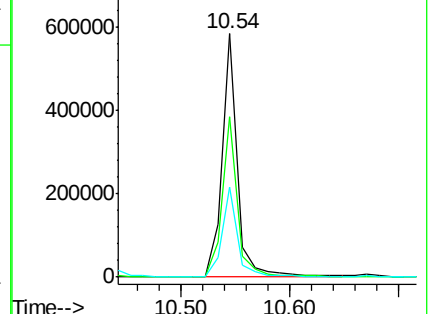
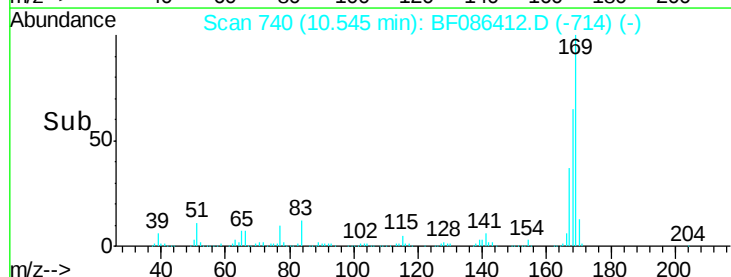
167 36.9 29.5 44.3

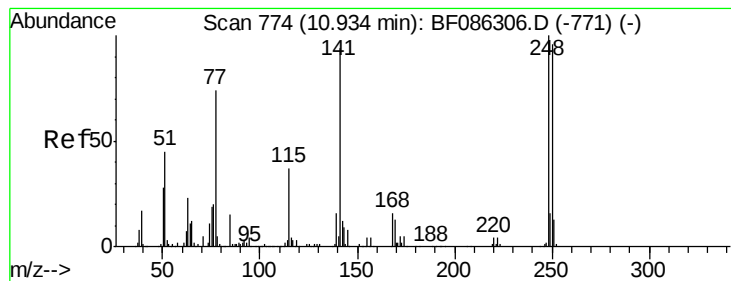


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#66

4-Bromophenyl-phenylether

Concen: 39.51 ng

RT: 10.91 min Scan# 772

Delta R.T. -0.00 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

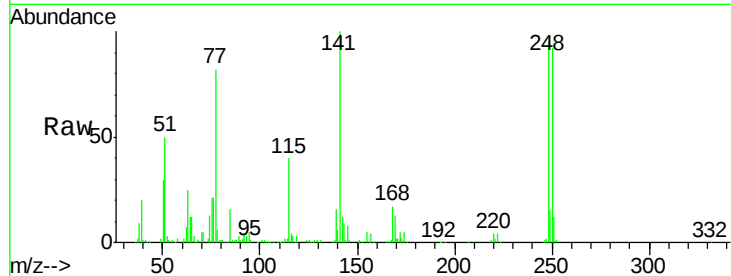
Tgt Ion:248 Resp: 175592

Ion Ratio Lower Upper

248 100

250 96.5 78.6 117.8

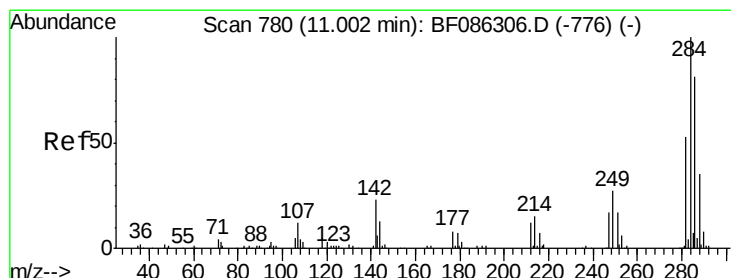
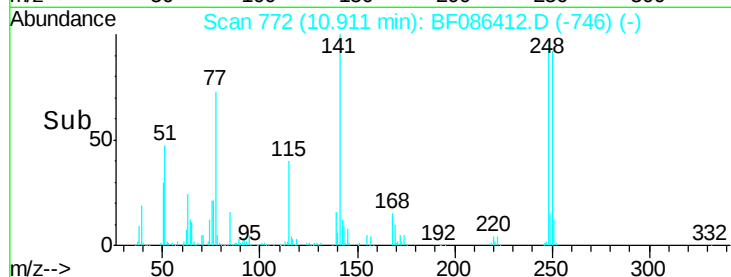
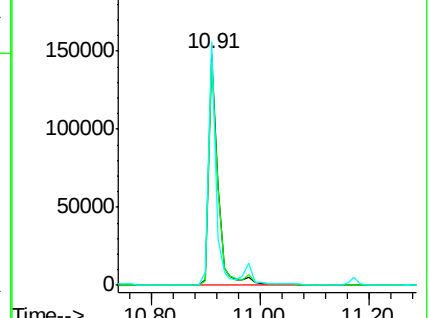
141 105.3 76.0 114.0



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#67

Hexachlorobenzene

Concen: 38.13 ng

RT: 10.98 min Scan# 778

Delta R.T. -0.00 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

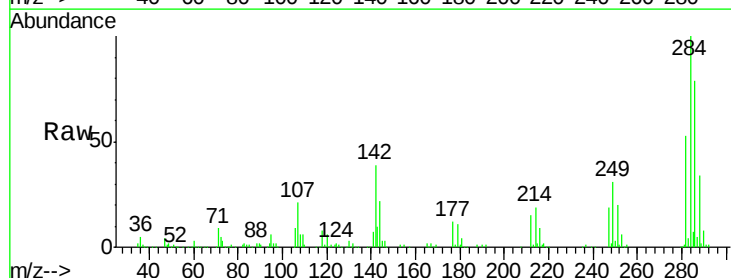
Tgt Ion:284 Resp: 180810

Ion Ratio Lower Upper

284 100

142 38.5 16.7 25.1#

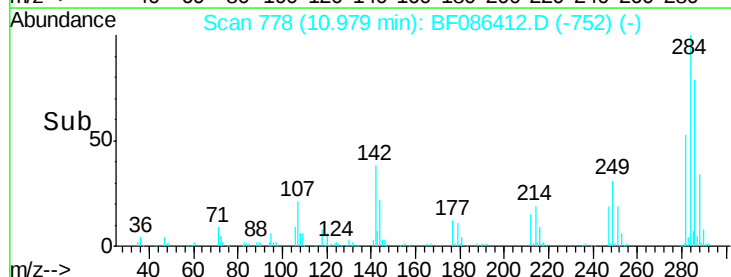
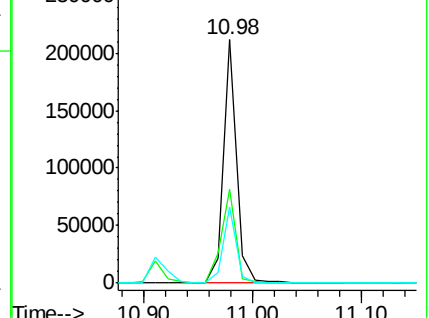
249 31.0 21.3 31.9

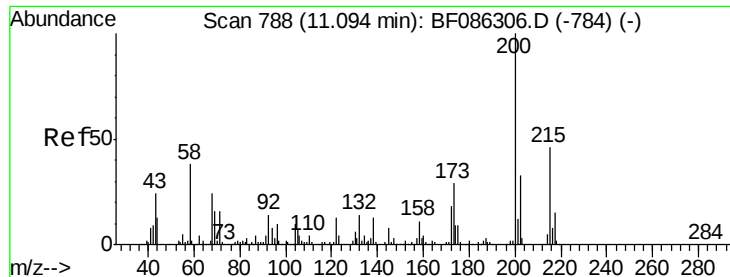


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

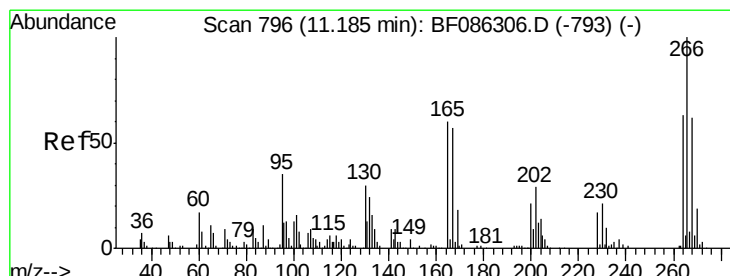
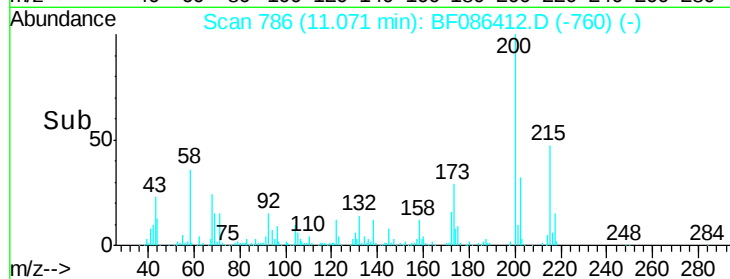
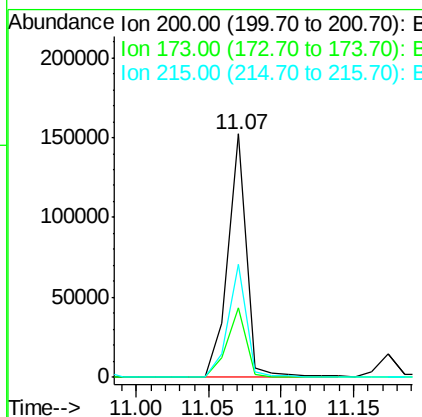
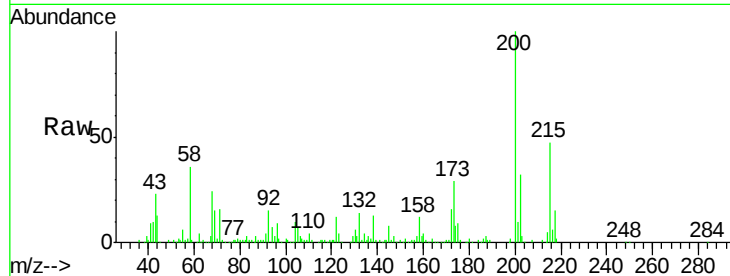




#68
Atrazine
Concen: 31.55 ng
RT: 11.07 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF086412.D
Acq: 24 Apr 2016 1:40

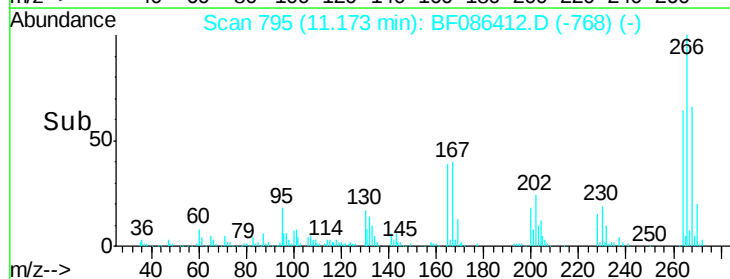
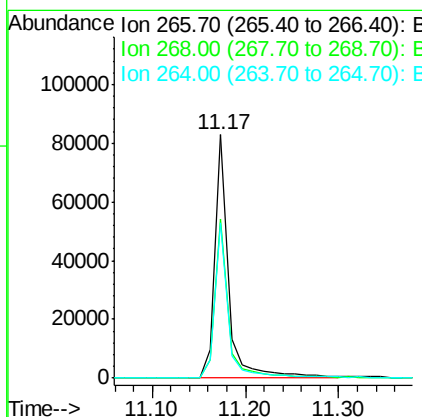
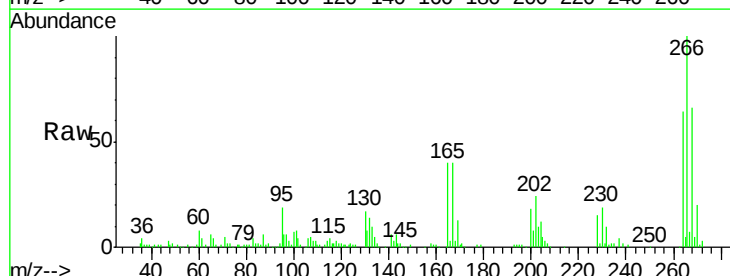
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

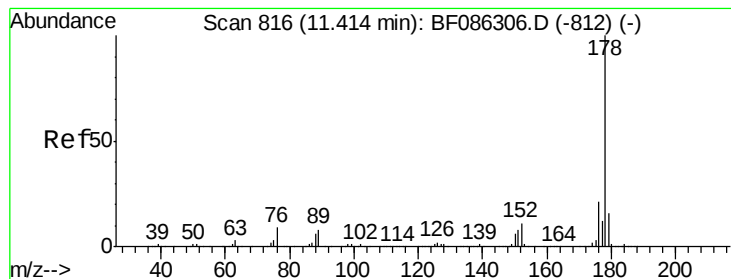
Tgt Ion:200 Resp: 136342
Ion Ratio Lower Upper
200 100
173 28.6 8.5 48.5
215 46.7 27.2 67.2



#69
Pentachlorophenol
Concen: 30.38 ng
RT: 11.17 min Scan# 795
Delta R.T. 0.01 min
Lab File: BF086412.D
Acq: 24 Apr 2016 1:40

Tgt Ion:266 Resp: 84589
Ion Ratio Lower Upper
266 100
268 65.6 51.5 77.3
264 63.6 52.9 79.3





#70

Phenanthrene

Concen: 38.48 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.00 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

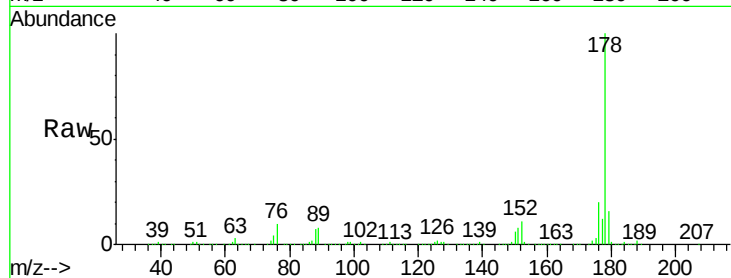
Tgt Ion:178 Resp: 877413

Ion Ratio Lower Upper

178 100

176 20.3 16.0 24.0

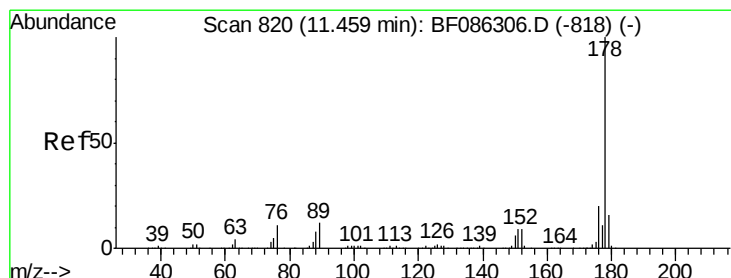
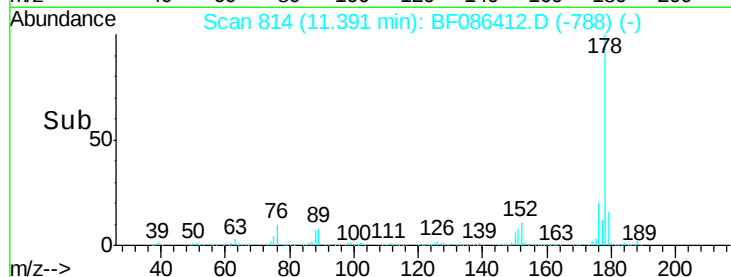
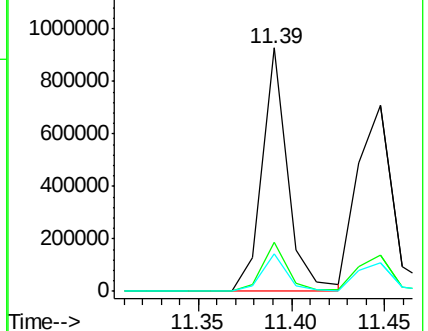
179 15.6 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 38.20 ng

RT: 11.45 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

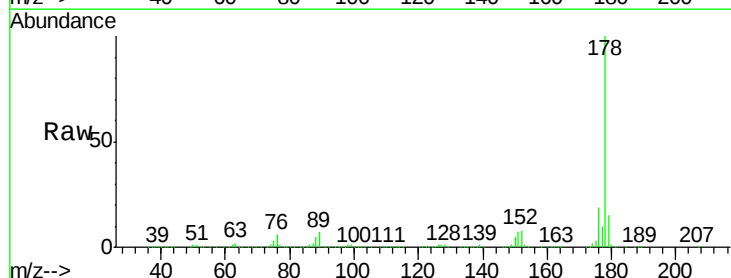
Tgt Ion:178 Resp: 998170

Ion Ratio Lower Upper

178 100

176 19.1 15.6 23.4

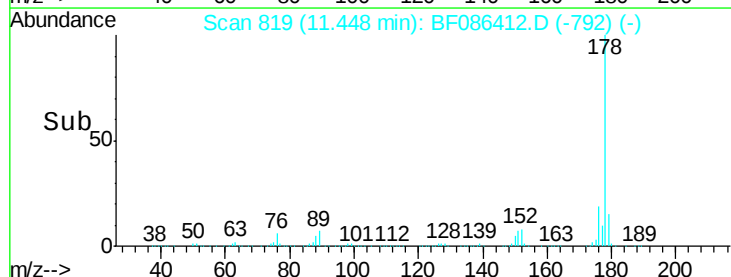
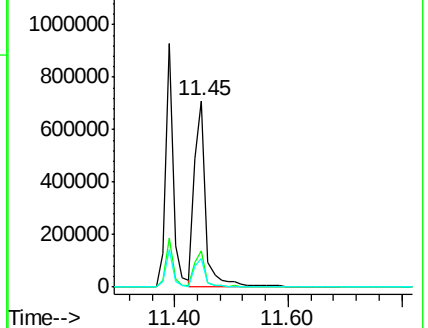
179 15.4 12.7 19.1

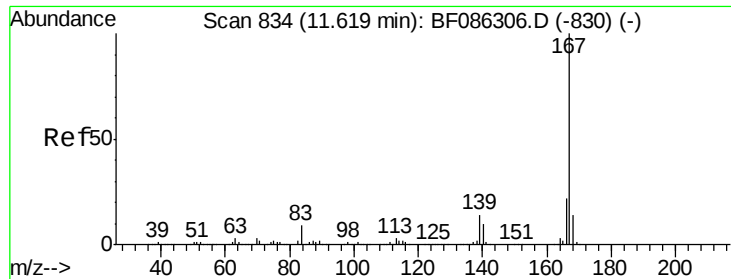


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

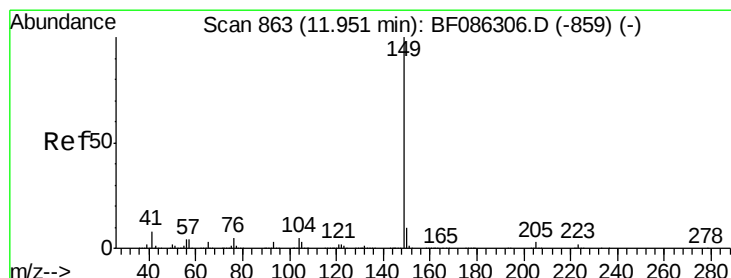
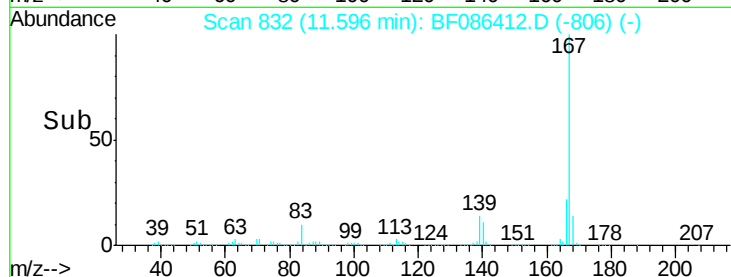
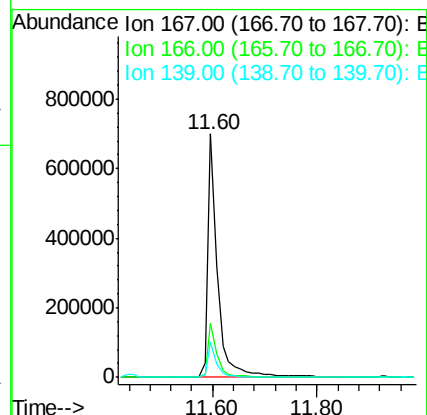
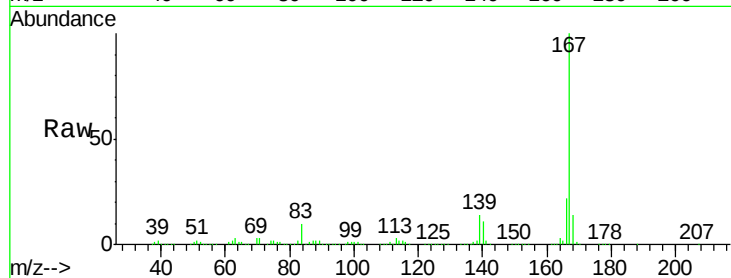




#72
 Carbazole
 Concen: 37.63 ng
 RT: 11.60 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF086412.D
 Acq: 24 Apr 2016 1:40

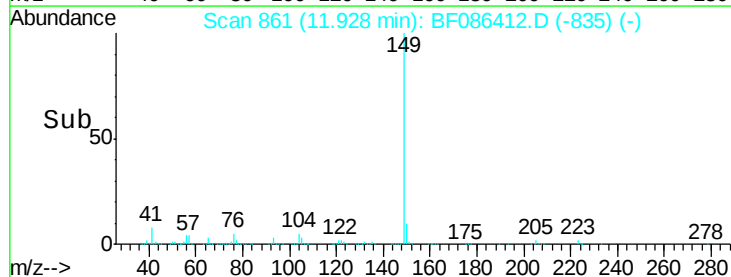
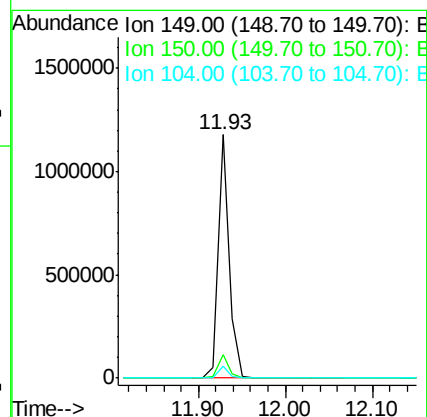
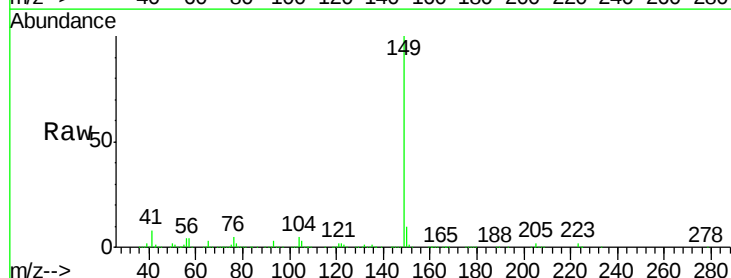
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

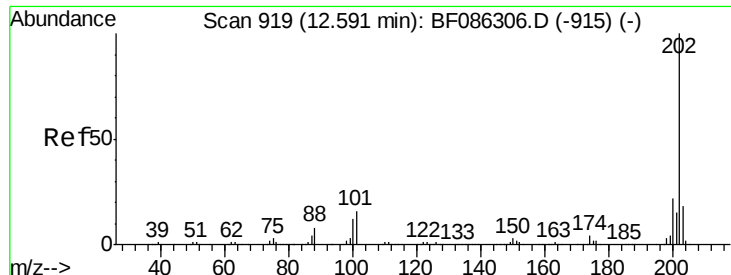
Tgt Ion:167 Resp: 923516
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.7 26.5
 139 14.3 10.8 16.2



#73
 Di-n-butylphthalate
 Concen: 41.09 ng
 RT: 11.93 min Scan# 861
 Delta R.T. -0.00 min
 Lab File: BF086412.D
 Acq: 24 Apr 2016 1:40

Tgt Ion:149 Resp: 1060867
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.6 11.4
 104 4.9 3.8 5.6

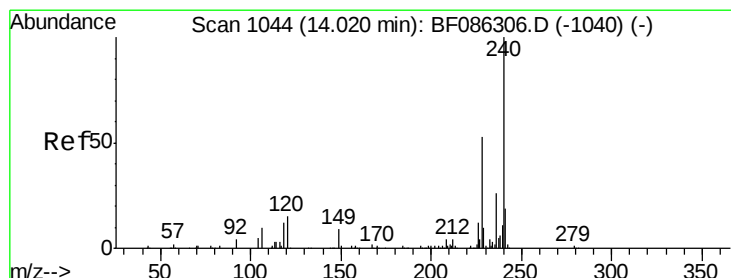
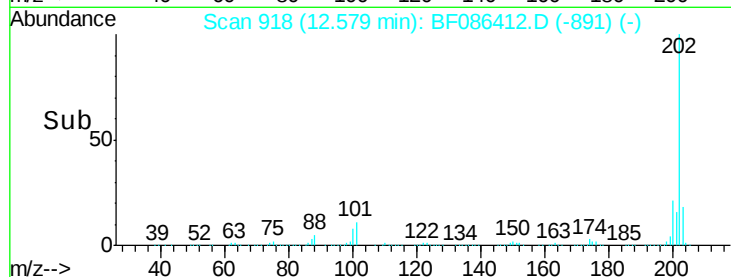
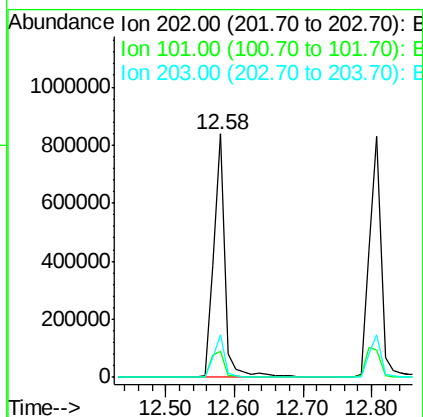
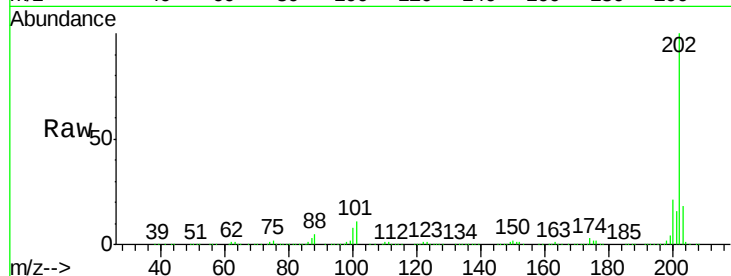




#74
 Fluoranthene
 Concen: 39.62 ng
 RT: 12.58 min Scan# 918
 Delta R.T. 0.01 min
 Lab File: BF086412.D
 Acq: 24 Apr 2016 1:40

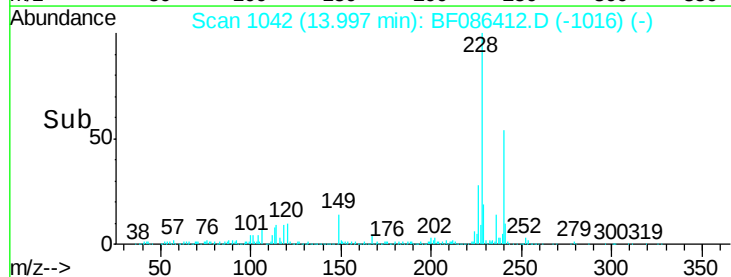
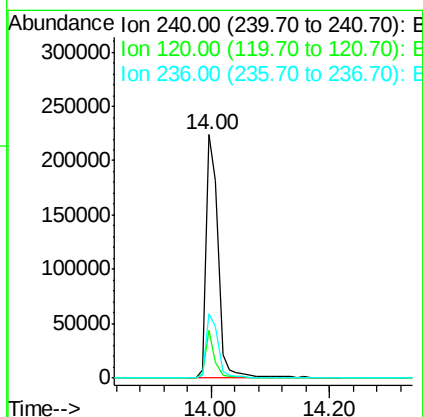
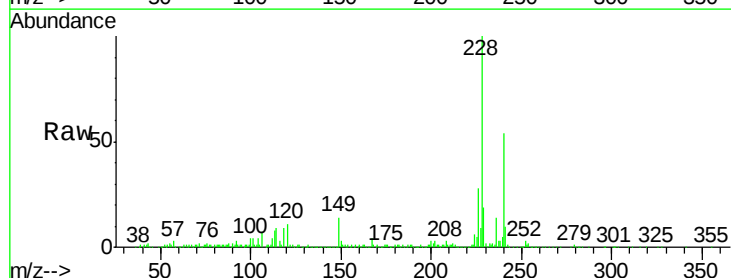
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

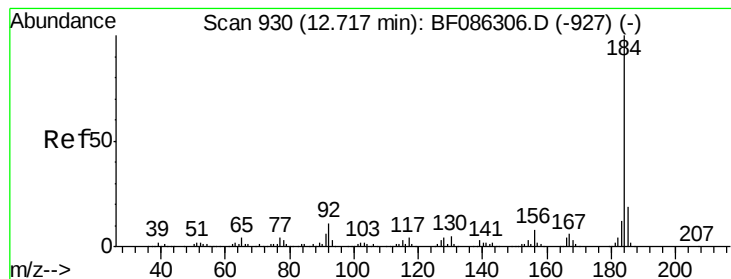
Tgt Ion: 202 Resp: 974469
 Ion Ratio Lower Upper
 202 100
 101 10.6 0.0 35.4
 203 17.6 0.0 38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BF086412.D
 Acq: 24 Apr 2016 1:40

Tgt Ion: 240 Resp: 321369
 Ion Ratio Lower Upper
 240 100
 120 19.7 11.2 16.8#
 236 26.4 21.2 31.8





#76

Benzidine

Concen: 49.79 ng

RT: 12.71 min Scan# 929

Delta R.T. 0.01 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

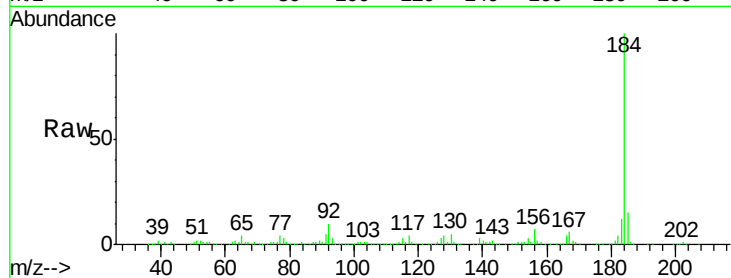
Tgt Ion:184 Resp: 656232

Ion Ratio Lower Upper

184 100

185 15.0 13.6 20.4

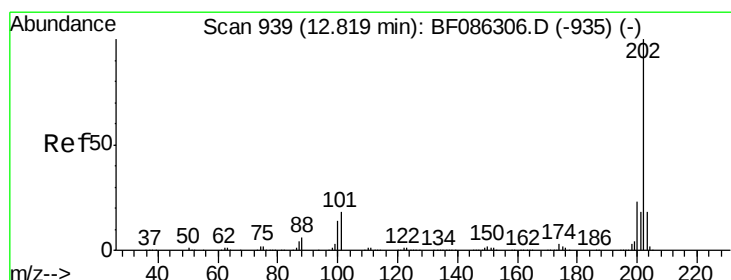
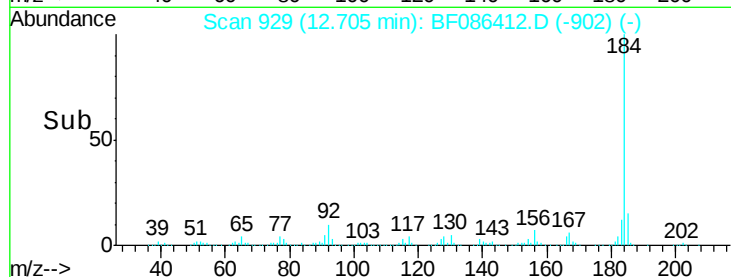
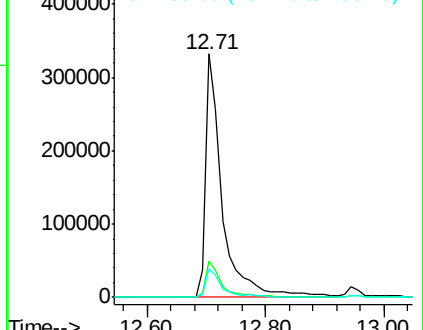
183 11.7 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 42.97 ng

RT: 12.81 min Scan# 938

Delta R.T. 0.01 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

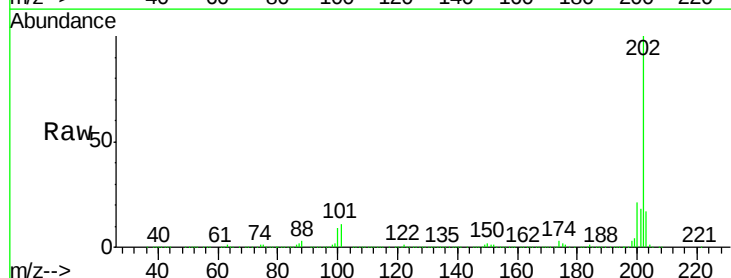
Tgt Ion:202 Resp: 963030

Ion Ratio Lower Upper

202 100

200 21.4 17.7 26.5

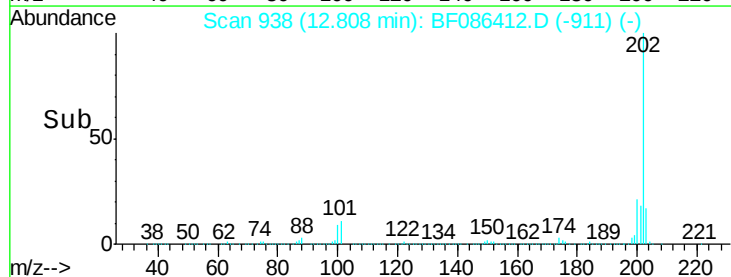
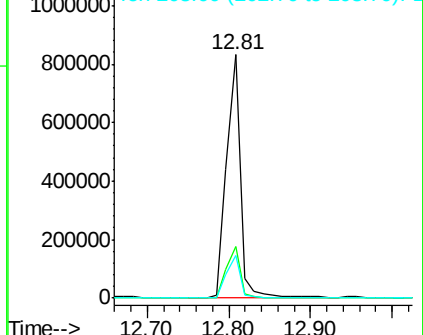
203 17.5 14.2 21.4

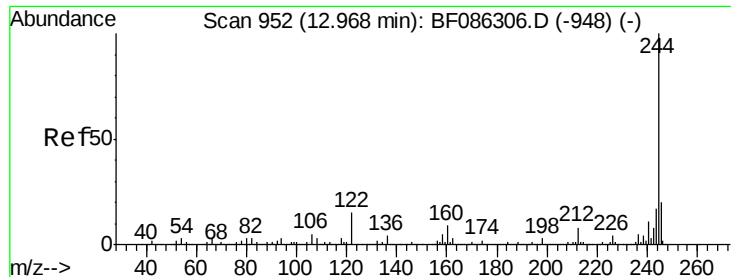


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 90.24 ng

RT: 12.95 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

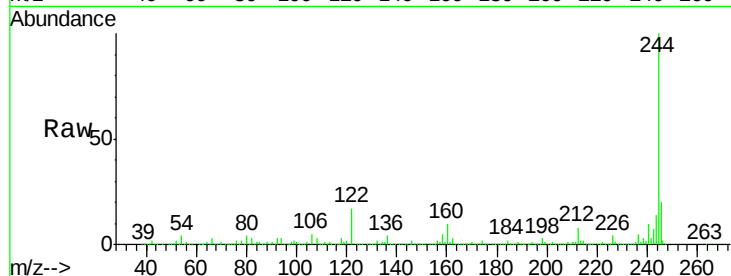
Tgt Ion:244 Resp: 1167144

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

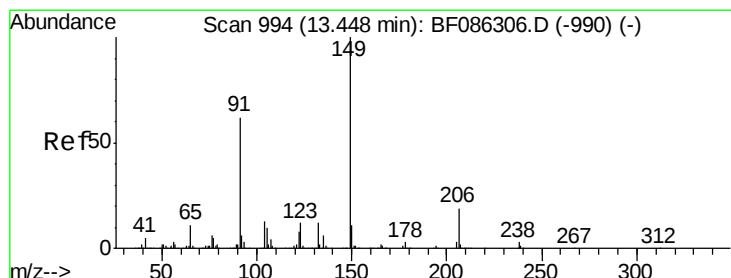
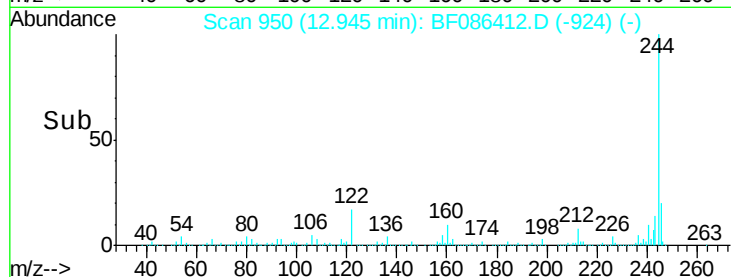
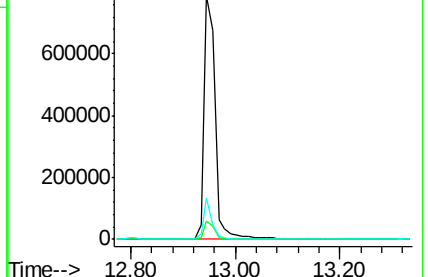
122 17.1 12.0 18.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 46.84 ng

RT: 13.43 min Scan# 992

Delta R.T. -0.00 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

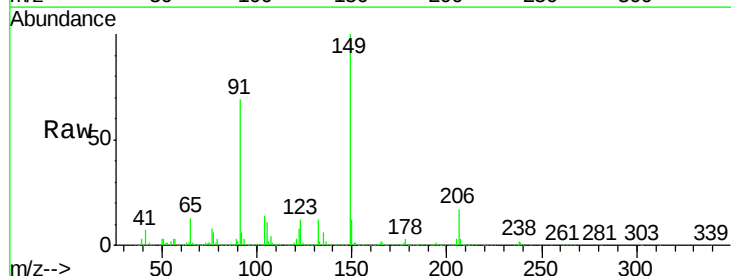
Tgt Ion:149 Resp: 489118

Ion Ratio Lower Upper

149 100

91 68.6 48.0 72.0

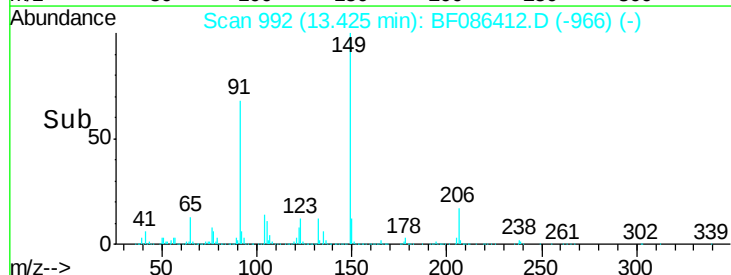
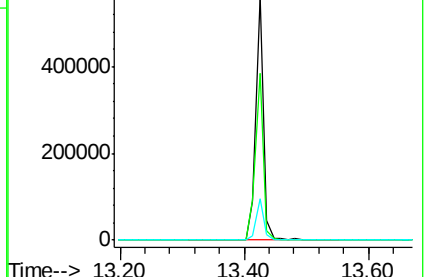
206 17.2 15.8 23.6

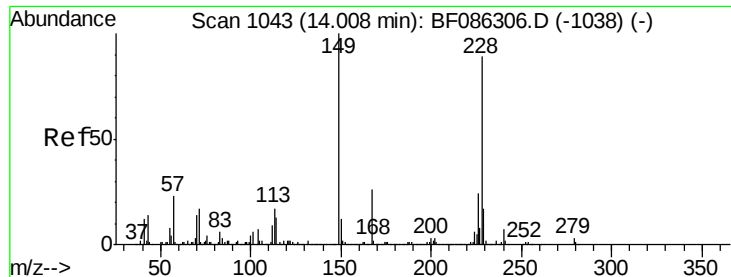


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 38.90 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

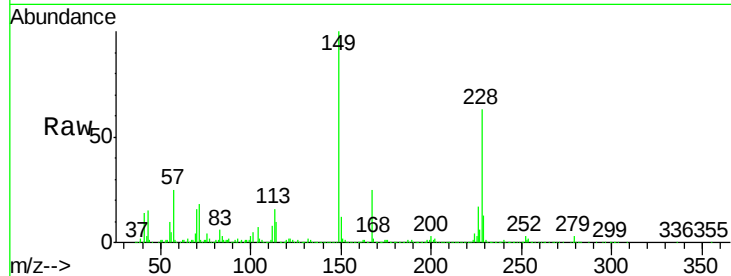
Tgt Ion:228 Resp: 648881

Ion Ratio Lower Upper

228 100

226 27.3 22.5 33.7

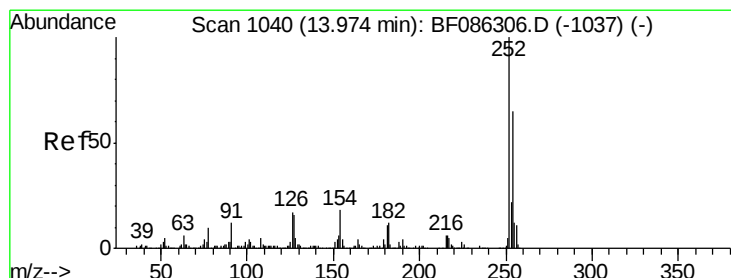
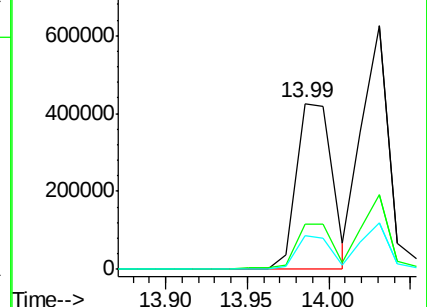
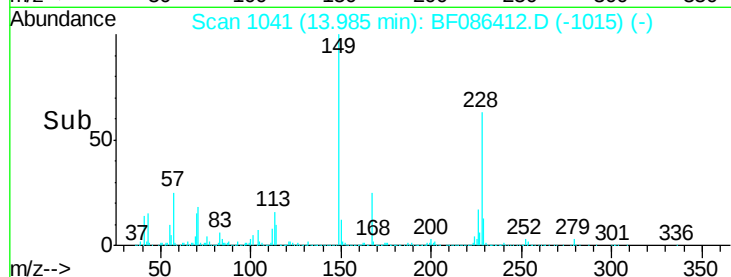
229 20.3 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 46.01 ng

RT: 13.96 min Scan# 1039

Delta R.T. 0.01 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

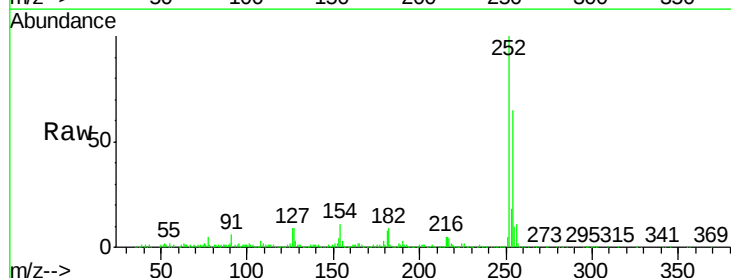
Tgt Ion:252 Resp: 529403

Ion Ratio Lower Upper

252 100

254 65.4 50.7 76.1

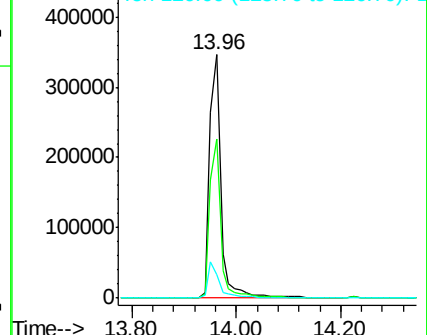
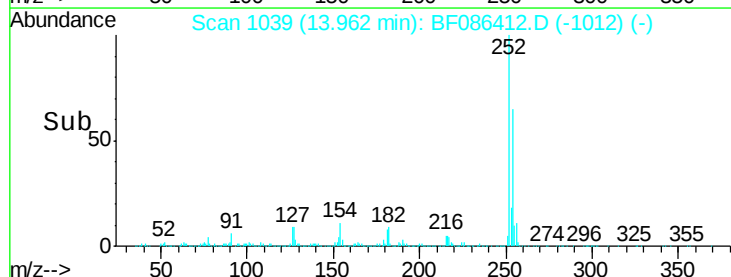
126 9.5 12.7 19.1#

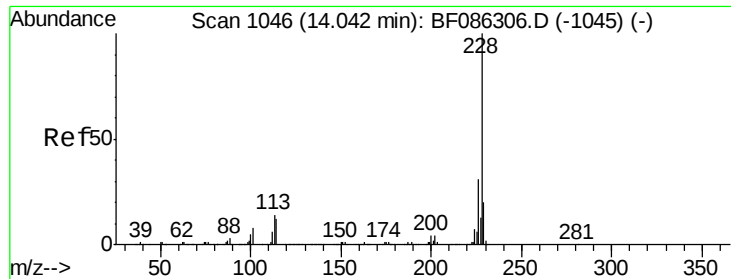


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 41.50 ng

RT: 14.03 min Scan# 1045

Delta R.T. 0.01 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

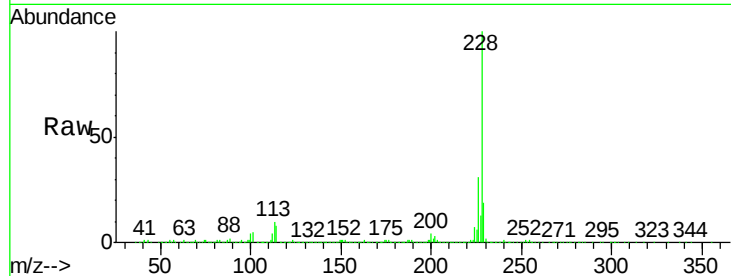
Tgt Ion: 228 Resp: 779989

Ion Ratio Lower Upper

228 100

226 30.6 24.4 36.6

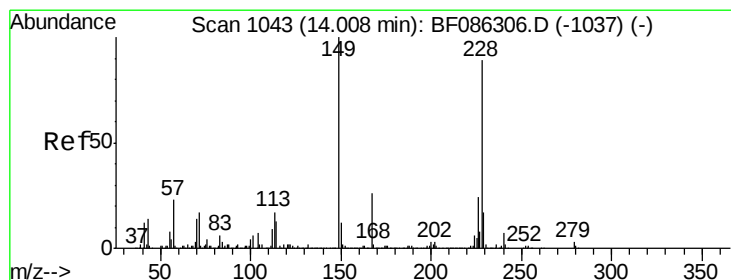
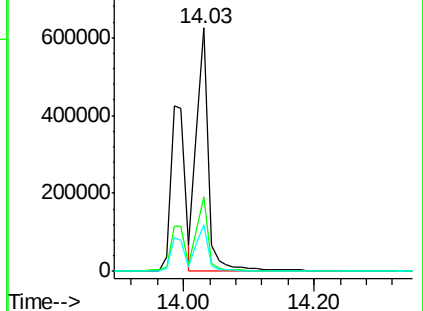
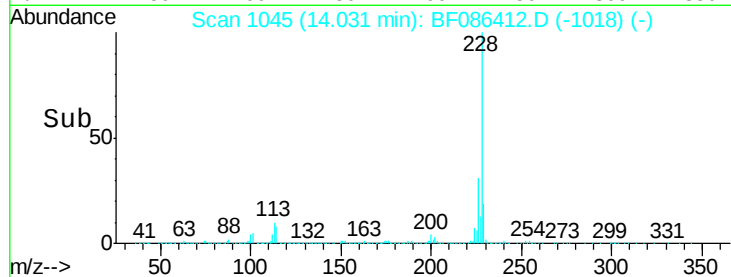
229 19.3 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 50.08 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

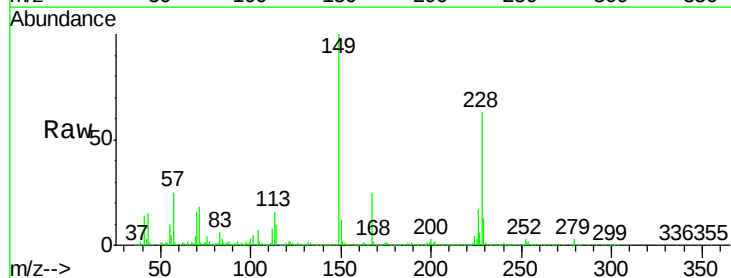
Tgt Ion: 149 Resp: 585545

Ion Ratio Lower Upper

149 100

167 25.5 21.8 32.6

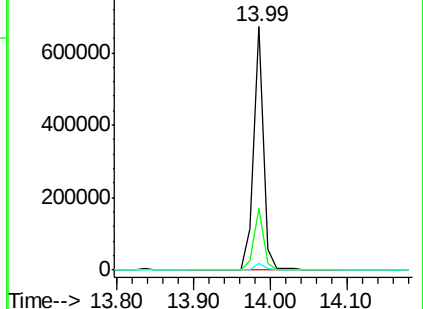
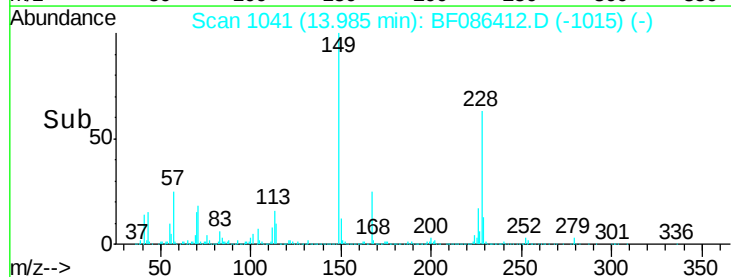
279 2.6 2.6 4.0#

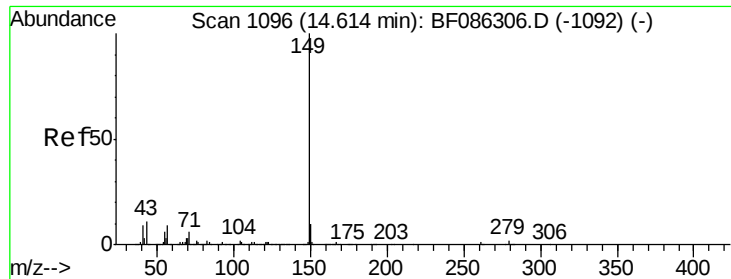


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 44.54 ng

RT: 14.59 min Scan# 1094

Delta R.T. -0.00 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

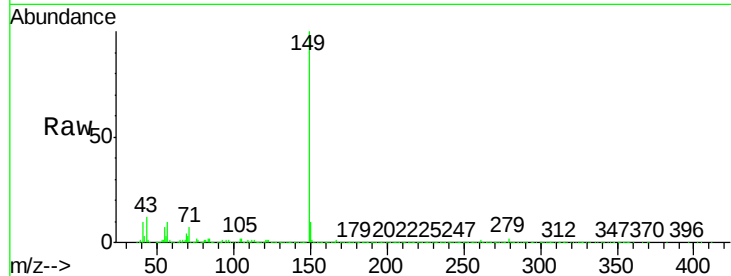
Tgt Ion:149 Resp: 999801

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

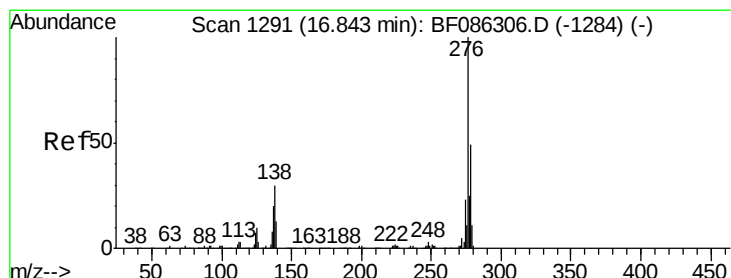
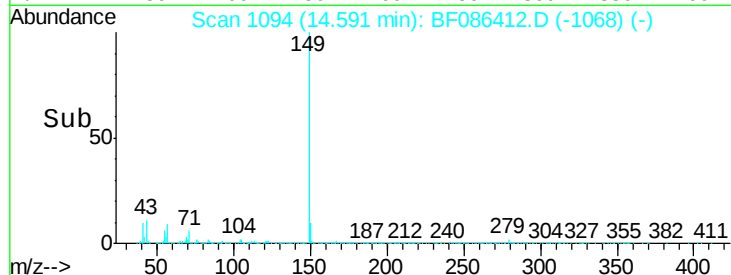
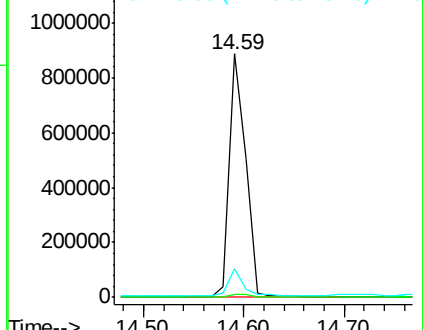
43 9.5 8.2 12.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 33.66 ng

RT: 16.81 min Scan# 1288

Delta R.T. 0.02 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

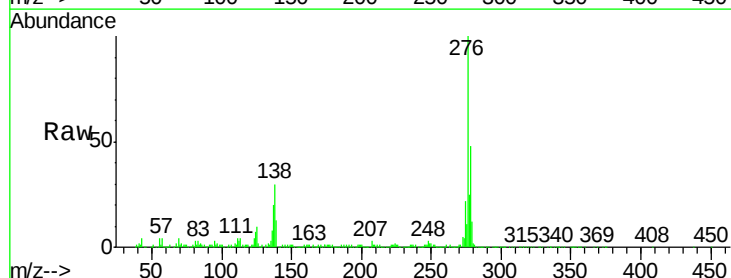
Tgt Ion:276 Resp: 562464

Ion Ratio Lower Upper

276 100

138 30.6 25.6 38.4

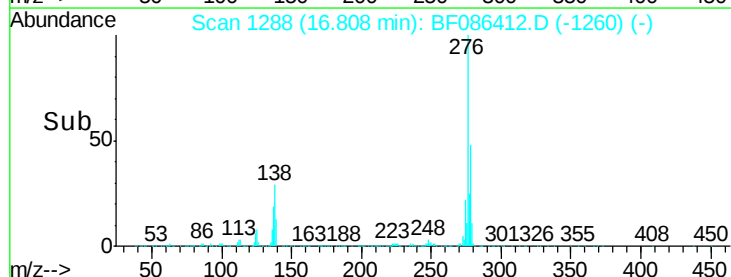
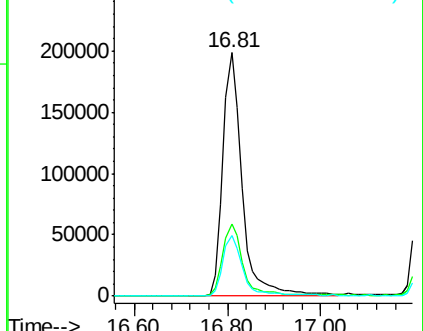
277 25.3 20.5 30.7

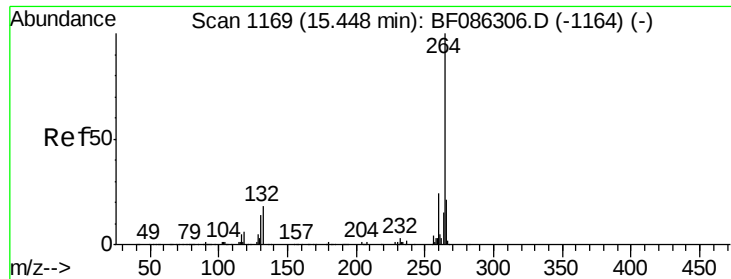


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

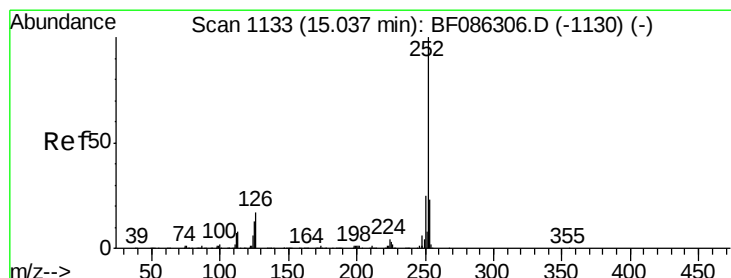
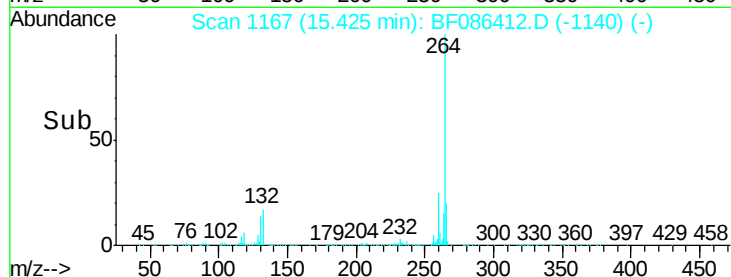
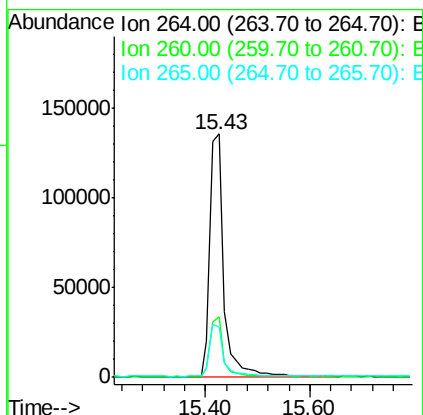
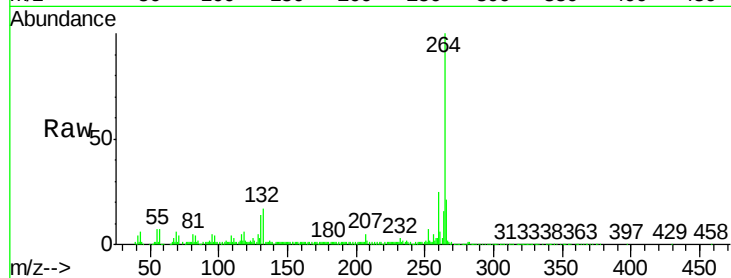




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. 0.01 min
Lab File: BF086412.D
Acq: 24 Apr 2016 1:40

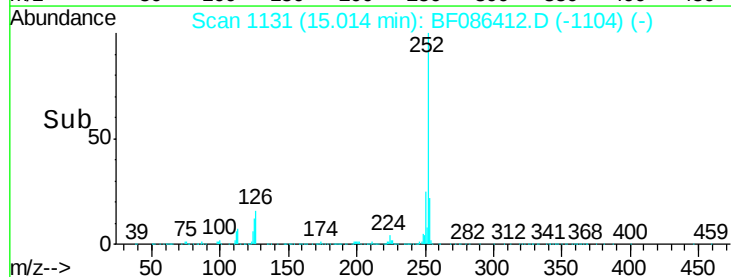
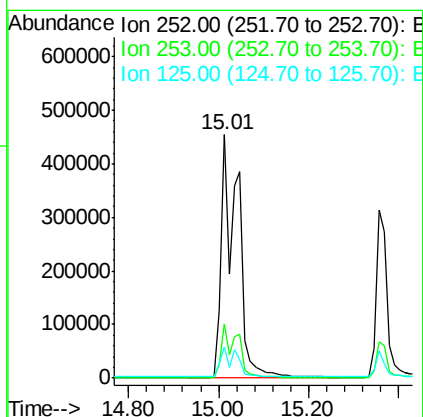
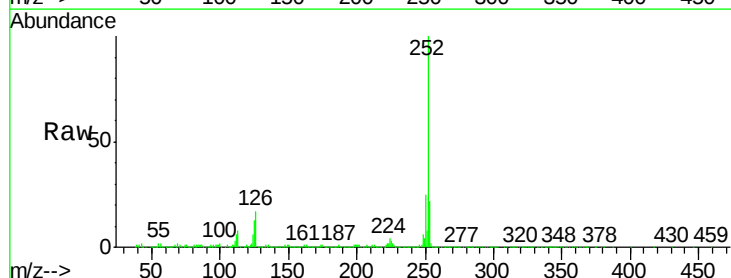
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

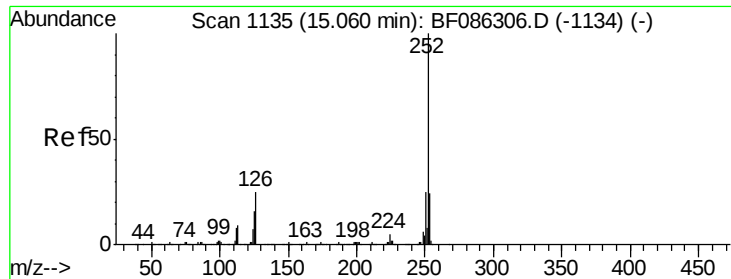
Tgt Ion:264 Resp: 251046
Ion Ratio Lower Upper
264 100
260 24.9 19.5 29.3
265 20.9 17.3 25.9



#87
Benzo(b)fluoranthene
Concen: 85.33 ng
RT: 15.01 min Scan# 1131
Delta R.T. 0.01 min
Lab File: BF086412.D
Acq: 24 Apr 2016 1:40

Tgt Ion:252 Resp: 1175768
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 12.7 11.4 17.0

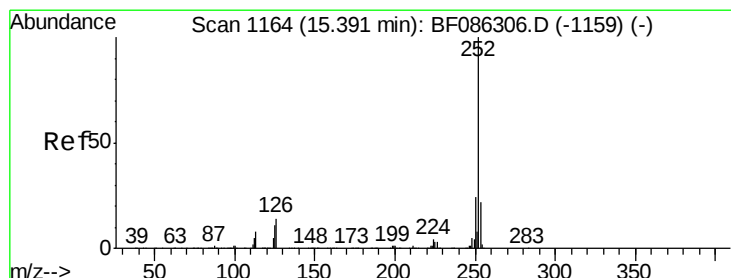
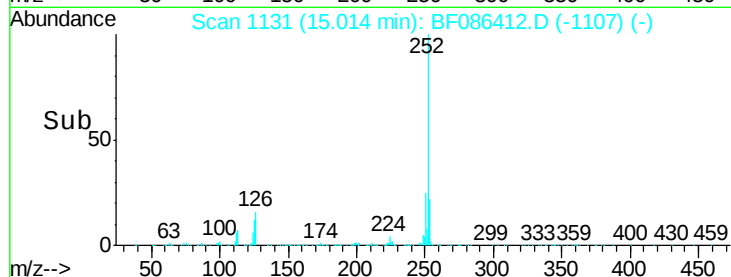
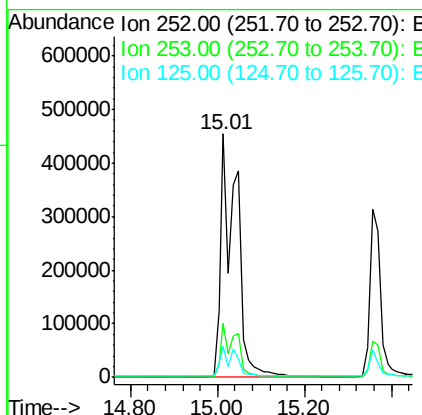
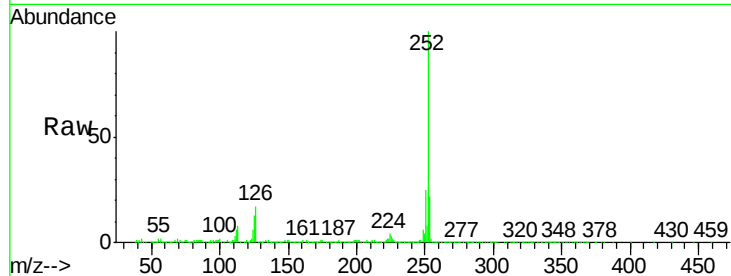




#88
Benzo(k)fluoranthene
Concen: 86.98 ng
RT: 15.01 min Scan# 1131
Delta R.T. -0.02 min
Lab File: BF086412.D
Acq: 24 Apr 2016 1:40

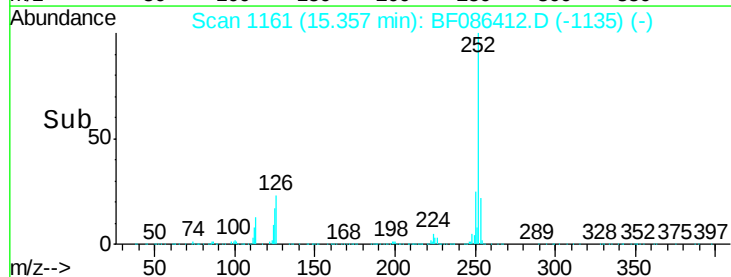
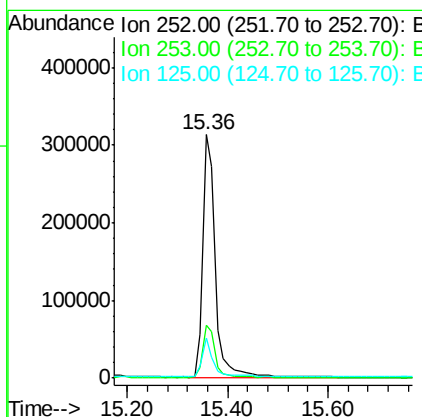
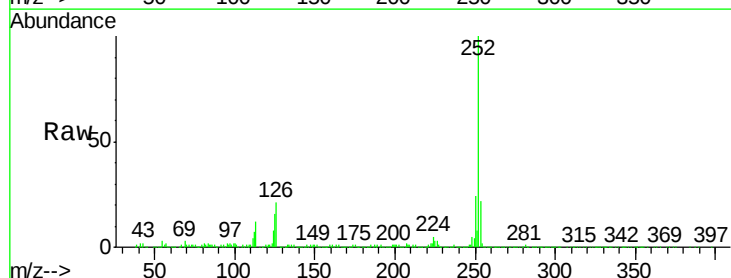
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

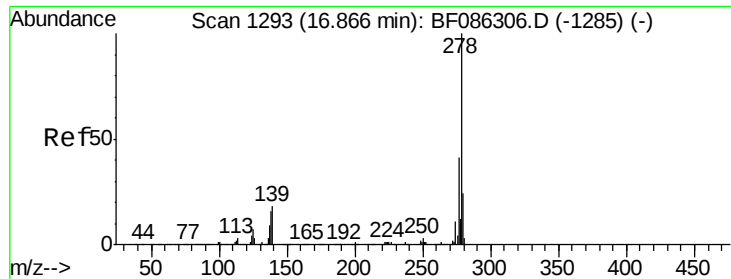
Tgt Ion:252 Resp: 1176371
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 12.7 9.1 13.7



#89
Benzo(a)pyrene
Concen: 39.59 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF086412.D
Acq: 24 Apr 2016 1:40

Tgt Ion:252 Resp: 538150
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 16.2 9.0 13.6#





#90

Dibenzo(a,h)anthracene

Concen: 42.25 ng

RT: 16.82 min Scan# 1289

Delta R.T. 0.01 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

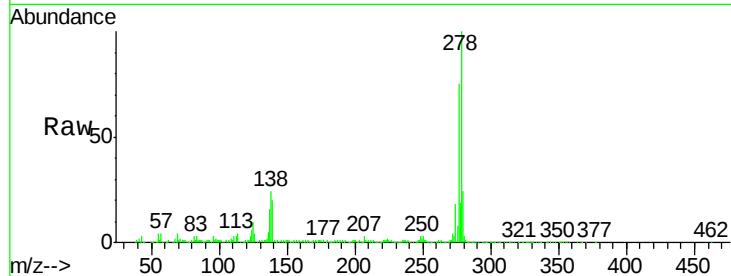
Tgt Ion: 278 Resp: 473801

Ion Ratio Lower Upper

278 100

139 20.2 16.6 24.8

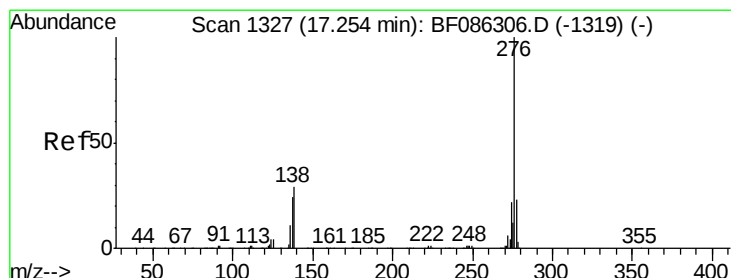
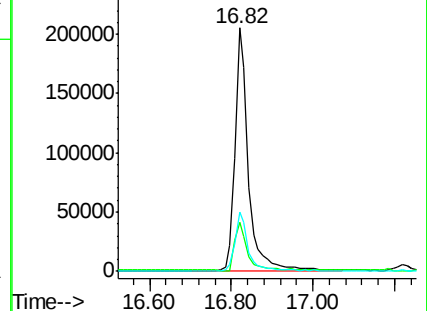
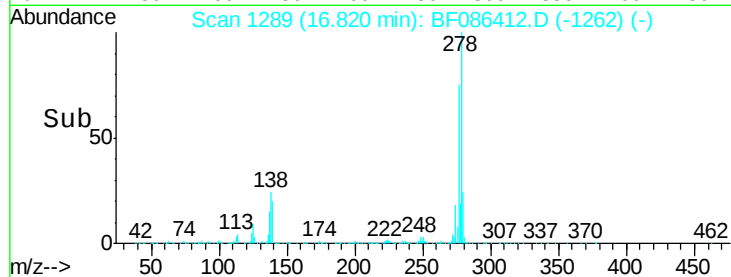
279 24.1 19.6 29.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 38.51 ng

RT: 17.22 min Scan# 1324

Delta R.T. 0.02 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

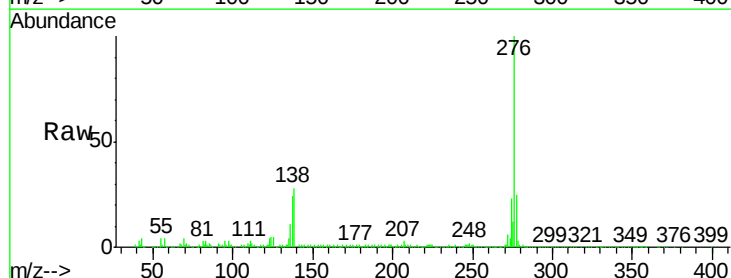
Tgt Ion: 276 Resp: 445769

Ion Ratio Lower Upper

276 100

277 24.9 19.6 29.4

138 28.3 23.6 35.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

