

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010716\
 Data File : BF084304.D
 Acq On : 7 Jan 2016 10:02
 Operator : SJ/UM
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jan 08 00:00:12 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	286651	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	1162299	20.00	ng	-0.03
38) Acenaphthene-d10	9.92	164	556494	20.00	ng	-0.03
63) Phenanthrene-d10	11.39	188	1006203	20.00	ng	-0.03
75) Chrysene-d12	14.03	240	779266	20.00	ng	-0.03
86) Perylene-d12	15.46	264	654600	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1364771	77.01	ng	-0.02
7) Phenol-d6	6.52	99	1838022	82.58	ng	-0.01
23) Nitrobenzene-d5	7.45	82	1734029	83.03	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	446523	79.48	ng	-0.03
44) 2-Fluorobiphenyl	9.24	172	2717654	85.98	ng	-0.02
78) Terphenyl-d14	12.98	244	2376200	68.07	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.44	88	341995	40.74	ng	# 75
3) Pyridine	3.18	79	1009907	43.15	ng	# 76
4) n-Nitrosodimethylamine	3.14	42	484242	40.30	ng	# 76
6) Aniline	6.53	93	1183434	36.35	ng	# 49
8) 2-Chlorophenol	6.66	128	847845	42.17	ng	92
9) Benzaldehyde	6.42	77	573951	39.60	ng	95
10) Phenol	6.53	94	1066992	42.16	ng	73
11) bis(2-Chloroethyl)ether	6.61	93	864188	44.08	ng	87
12) 1,3-Dichlorobenzene	7.05	146	782534	37.73	ng	99
13) 1,4-Dichlorobenzene	6.89	146	861643	41.43	ng	97
14) 1,2-Dichlorobenzene	7.05	146	782436	39.28	ng	96
15) Benzyl Alcohol	7.02	79	748939	40.00	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.15	45	1344036	37.65	ng	87
17) 2-Methylphenol	7.14	107	664468	39.43	ng	93
18) Hexachloroethane	7.38	117	336484	40.46	ng	# 89
19) n-Nitroso-di-n-propylamine	7.30	70	614049	40.75	ng	# 78
20) 3+4-Methylphenols	7.30	107	805765	40.68	ng	# 85
22) Acetophenone	7.29	105	1088250	38.94	ng	# 91
24) Nitrobenzene	7.46	77	821426	38.78	ng	96
25) Isophorone	7.70	82	1560523	39.07	ng	99
26) 2-Nitrophenol	7.78	139	468847	48.64	ng	96
27) 2,4-Dimethylphenol	7.82	122	837555	42.92	ng	93
28) bis(2-Chloroethoxy)methane	7.92	93	1058903	43.40	ng	97
29) 2,4-Dichlorophenol	8.02	162	625057	38.46	ng	96
30) 1,2,4-Trichlorobenzene	8.10	180	687643	40.98	ng	97
31) Naphthalene	8.18	128	2018436	38.28	ng	98
32) Benzoic acid	7.94	122	398541	33.86	ng	94
33) 4-Chloroaniline	8.24	127	1085119	44.88	ng	95
34) Hexachlorobutadiene	8.30	225	402701	41.75	ng	98
35) Caprolactam	8.61	113	207049	37.79	ng	# 43
36) 4-Chloro-3-methylphenol	8.72	107	704713	38.71	ng	90
37) 2-Methylnaphthalene	8.88	142	1495380	39.50	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	655827	40.99	ng	98
40) Hexachlorocyclopentadiene	9.02	237	388827	40.26	ng	98

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010716\
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 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jan 08 00:00:12 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

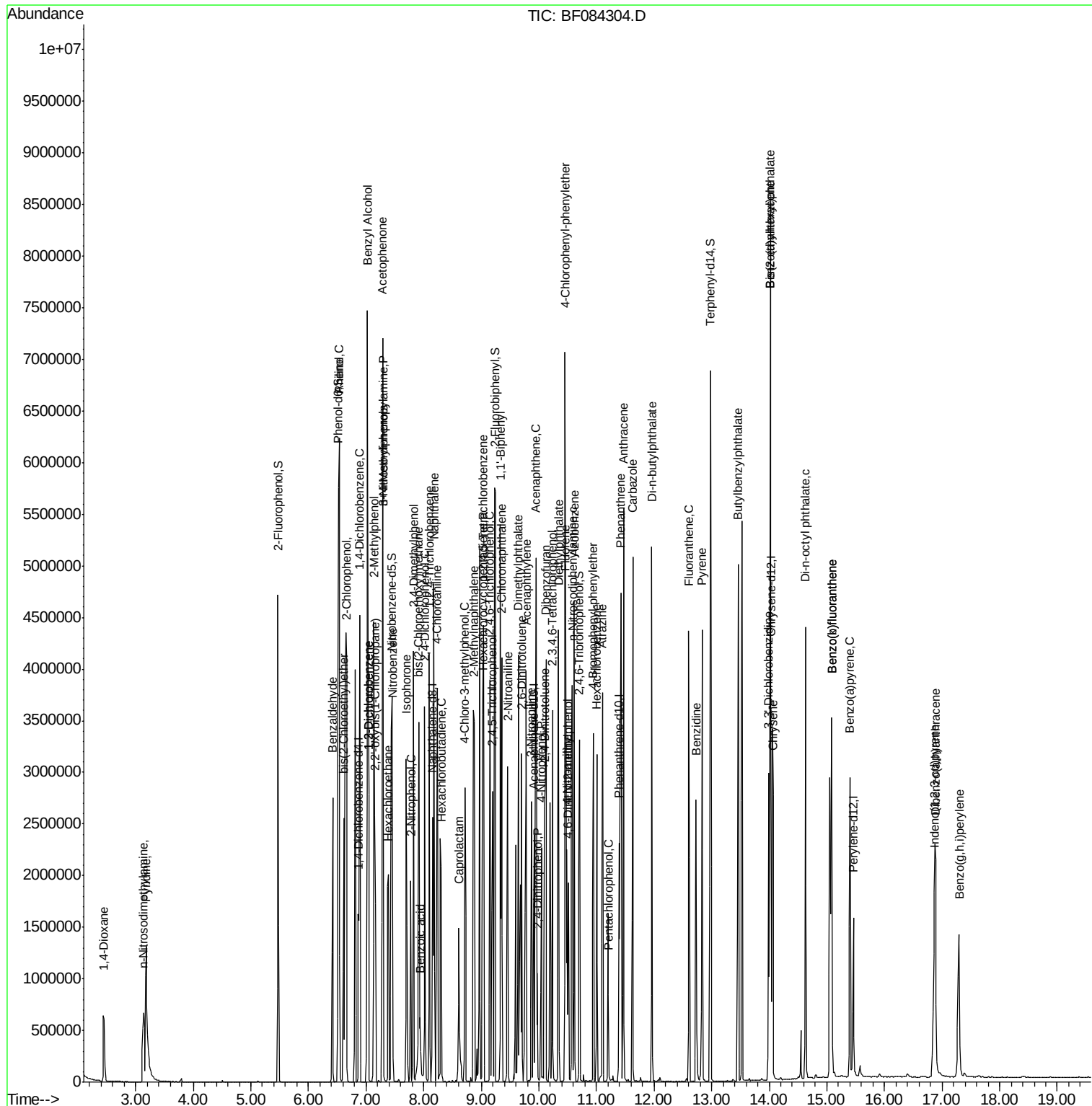
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	438713	36.65	ng	95
43) 2,4,5-Trichlorophenol	9.20	196	478234	41.68	ng	95
45) 1,1'-Biphenyl	9.33	154	1622651	36.69	ng	98
46) 2-Chloronaphthalene	9.36	162	1238124	35.64	ng	98
47) 2-Nitroaniline	9.46	65	515961	45.00	ng	95
48) Acenaphthylene	9.78	152	2134219	41.58	ng	97
49) Dimethylphthalate	9.64	163	1481689	37.24	ng	# 89
50) 2,6-Dinitrotoluene	9.70	165	318895	36.55	ng	# 45
51) Acenaphthene	9.95	154	1463280	42.50	ng	98
52) 3-Nitroaniline	9.87	138	373064	34.50	ng	97
53) 2,4-Dinitrophenol	9.97	184	154974	43.40	ng	89
54) Dibenzofuran	10.12	168	1936614	43.32	ng	96
55) 4-Nitrophenol	10.04	139	336749	42.91	ng	# 86
56) 2,4-Dinitrotoluene	10.10	165	420497	38.08	ng	# 82
57) Fluorene	10.46	166	1458058	42.14	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	361335	36.88	ng	96
59) Diethylphthalate	10.34	149	1516731	38.67	ng	98
60) 4-Chlorophenyl-phenylether	10.45	204	636801	43.51	ng	94
61) 4-Nitroaniline	10.49	138	408412	42.37	ng	93
62) Azobenzene	10.61	77	1710650	39.76	ng	90
64) 4,6-Dinitro-2-methylphenol	10.51	198	234633	38.18	ng	91
65) n-Nitrosodiphenylamine	10.58	169	1326119	41.22	ng	99
66) 4-Bromophenyl-phenylether	10.94	248	451130	41.66	ng	# 90
67) Hexachlorobenzene	11.00	284	460102	37.75	ng	# 78
68) Atrazine	11.10	200	407408	38.70	ng	97
69) Pentachlorophenol	11.21	266	204199	32.31	ng	98
70) Phenanthrene	11.42	178	2256658	42.88	ng	96
71) Anthracene	11.47	178	1949860	37.79	ng	96
72) Carbazole	11.63	167	1901217	37.69	ng	97
73) Di-n-butylphthalate	11.96	149	2214262	40.15	ng	# 95
74) Fluoranthene	12.60	202	2111888	38.41	ng	97
76) Benzidine	12.73	184	952254	34.08	ng	100
77) Pyrene	12.83	202	2178823	35.63	ng	97
79) Butylbenzylphthalate	13.46	149	1080374	40.83	ng	96
80) Benzo(a)anthracene	14.02	228	1639378	35.83	ng	98
81) 3,3'-Dichlorobenzidine	13.99	252	633152	39.65	ng	# 94
82) Chrysene	14.07	228	1701148	38.69	ng	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	1335666	39.95	ng	# 96
84) Di-n-octyl phthalate	14.63	149	2201408	39.00	ng	# 87
85) Indeno(1,2,3-cd)pyrene	16.87	276	1549165	44.45	ng	100
87) Benzo(b)fluoranthene	15.08	252	3080322	71.94	ng	97
88) Benzo(k)fluoranthene	15.08	252	3080322	87.96	ng	97
89) Benzo(a)pyrene	15.40	252	1446809	39.83	ng	# 97
90) Dibenzo(a,h)anthracene	16.89	278	1276609	40.85	ng	96
91) Benzo(g,h,i)perylene	17.30	276	1309269	40.45	ng	96

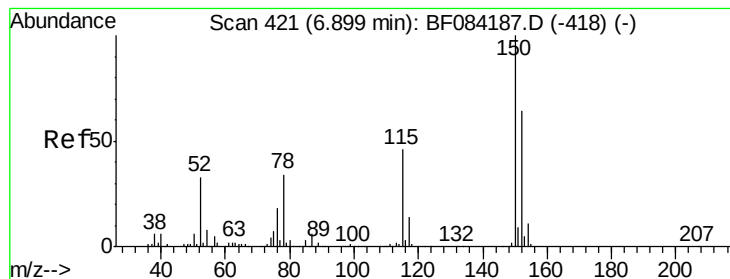
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010716\  
Data File : BF084304.D  
Acq On    : 7 Jan 2016 10:02  
Operator  : SJ/UM  
Sample    : SSTCCC040  
Misc      :  
ALS Vial  : 2 Sample Multiplier: 1
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Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jan 08 00:00:12 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.03 min

Lab File: BF084304.D

Acq: 7 Jan 2016 10:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

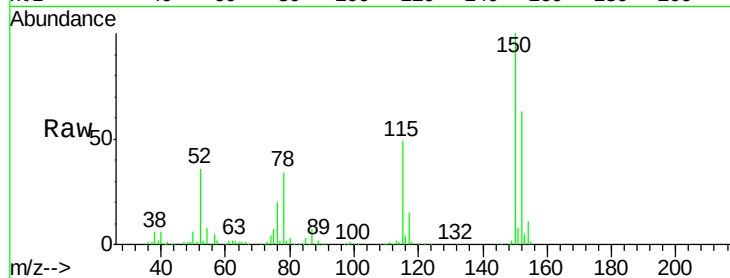
Tgt Ion:152 Resp: 286651

Ion Ratio Lower Upper

152 100

150 158.3 123.0 184.4

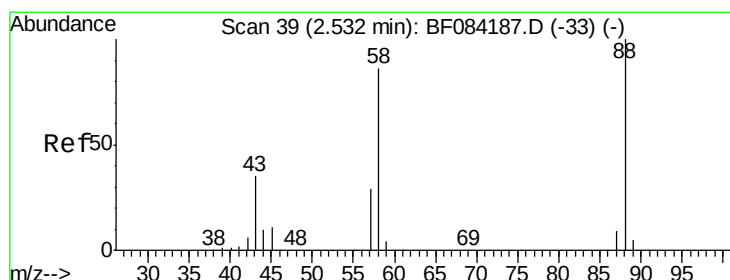
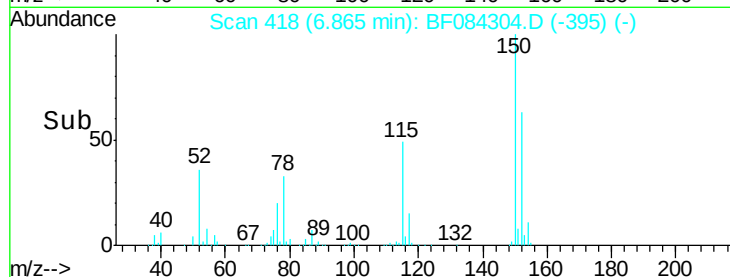
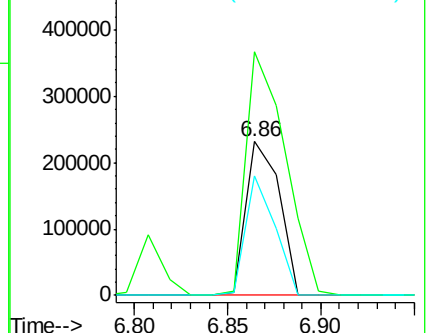
115 78.0 51.4 77.2#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.74 ng

RT: 2.44 min Scan# 31

Delta R.T. -0.09 min

Lab File: BF084304.D

Acq: 7 Jan 2016 10:02

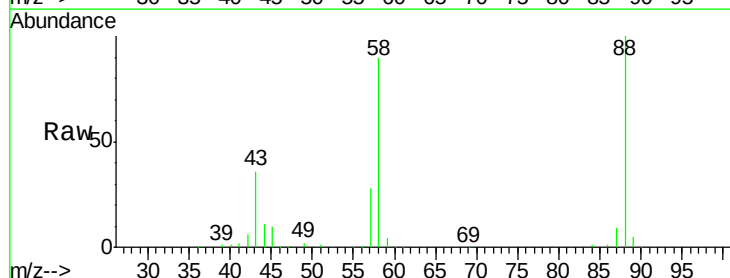
Tgt Ion: 88 Resp: 341995

Ion Ratio Lower Upper

88 100

58 86.0 51.2 76.8#

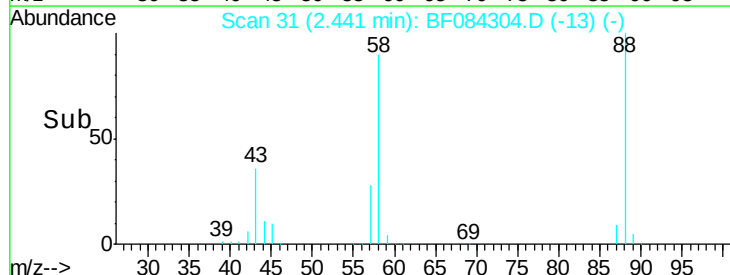
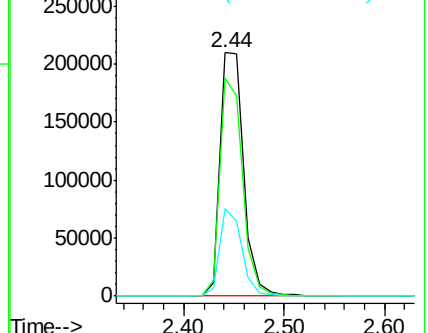
43 33.3 19.5 29.3#

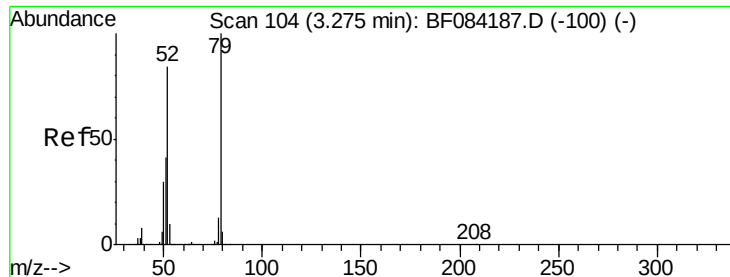


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 43.15 ng

RT: 3.18 min Scan# 96

Delta R.T. -0.09 min

Lab File: BF084304.D

Acq: 7 Jan 2016 10:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

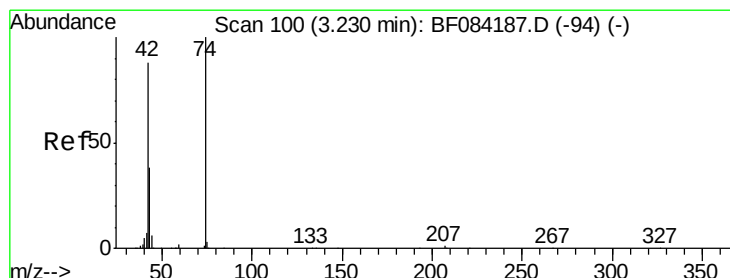
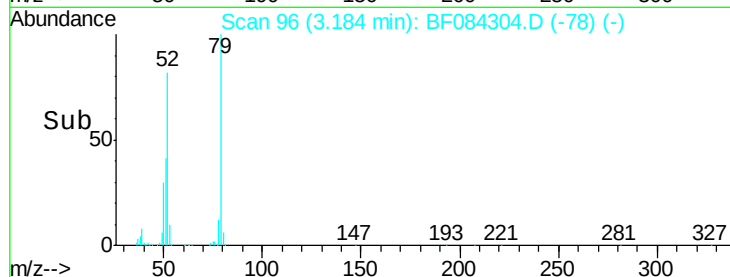
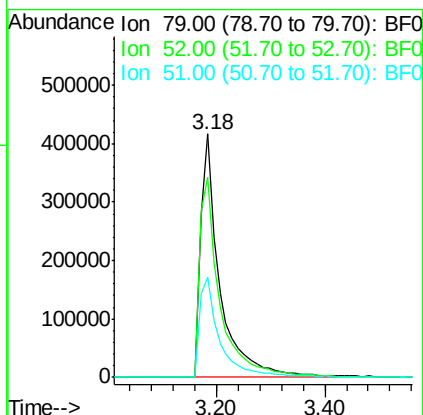
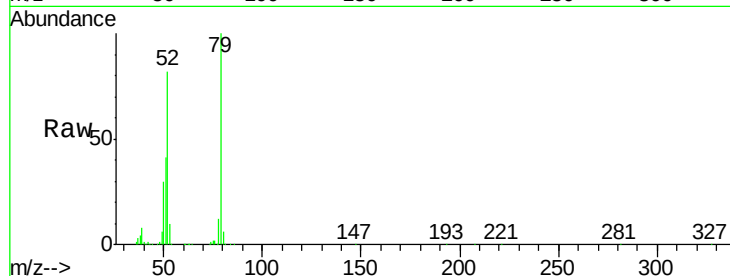
Tgt Ion: 79 Resp: 1009907

Ion Ratio Lower Upper

79 100

52 82.1 49.0 73.4#

51 41.3 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 40.30 ng

RT: 3.14 min Scan# 92

Delta R.T. -0.09 min

Lab File: BF084304.D

Acq: 7 Jan 2016 10:02

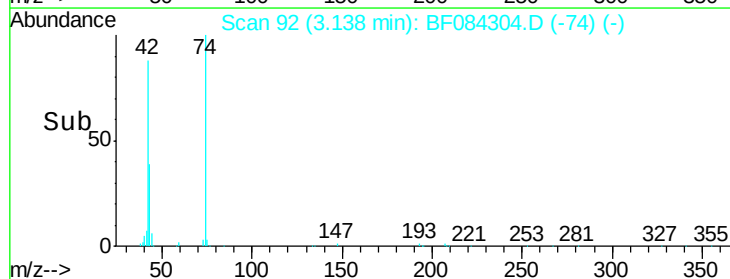
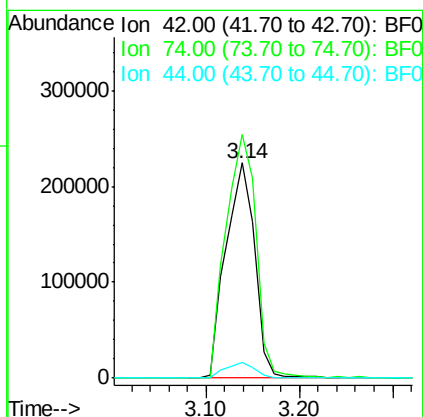
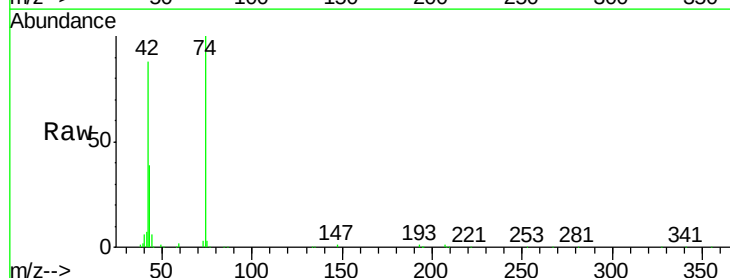
Tgt Ion: 42 Resp: 484242

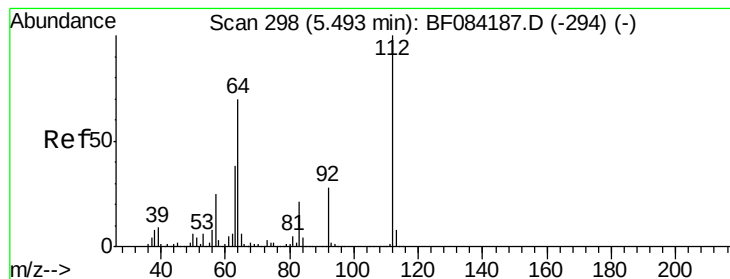
Ion Ratio Lower Upper

42 100

74 113.2 115.7 173.5#

44 7.2 5.1 7.7





#5

2-Fluorophenol

Concen: 77.01 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.02 min

Lab File: BF084304.D

Acq: 7 Jan 2016 10:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

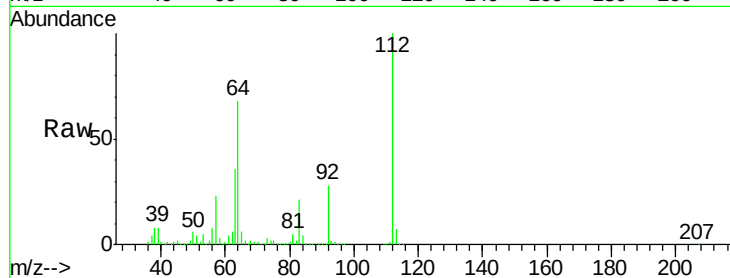
Tgt Ion:112 Resp: 1364771

Ion Ratio Lower Upper

112 100

64 68.2 36.6 55.0#

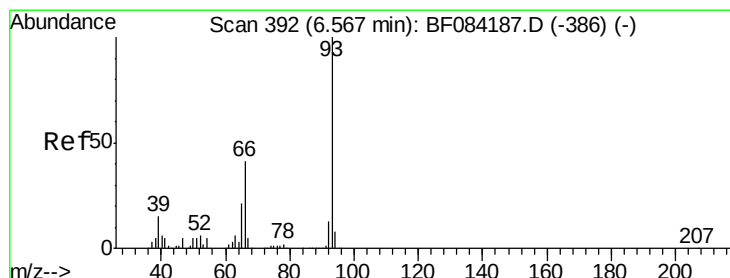
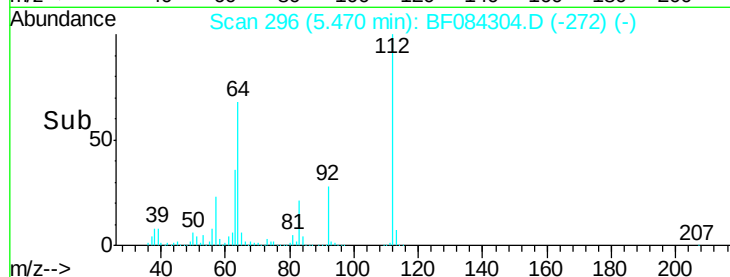
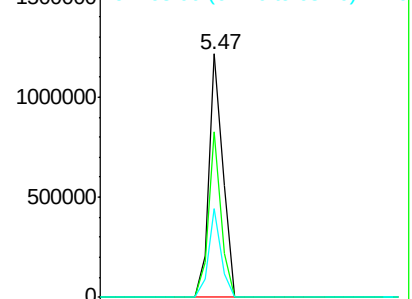
63 36.3 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 36.35 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.03 min

Lab File: BF084304.D

Acq: 7 Jan 2016 10:02

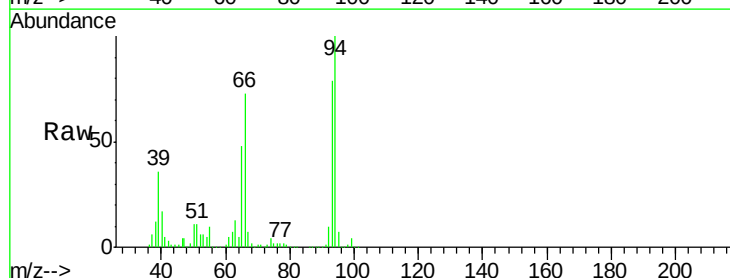
Tgt Ion: 93 Resp: 1183434

Ion Ratio Lower Upper

93 100

66 91.4 44.9 67.3#

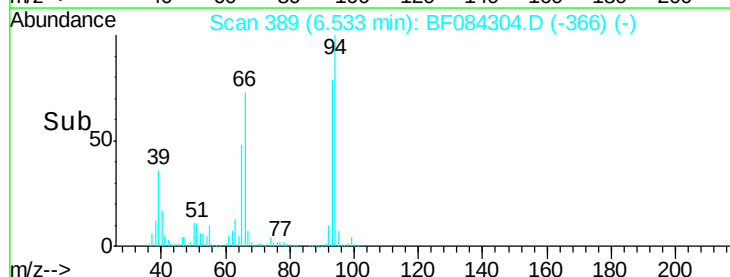
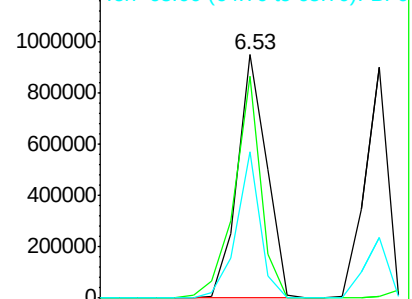
65 59.9 23.7 35.5#

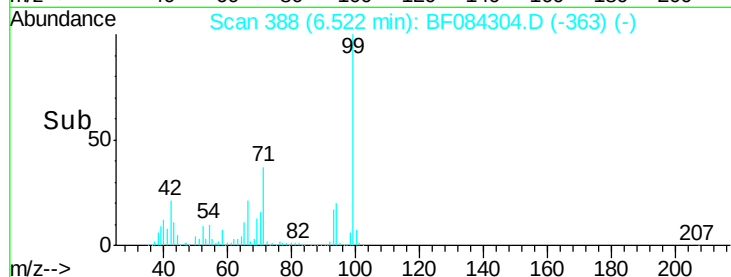
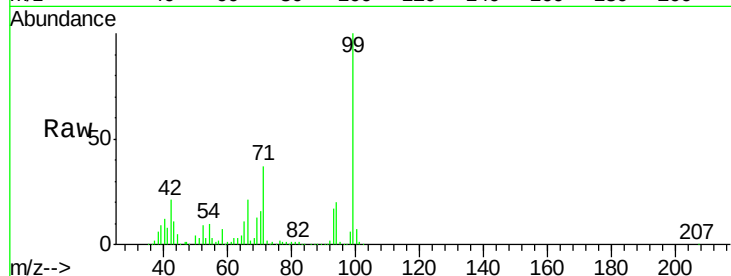
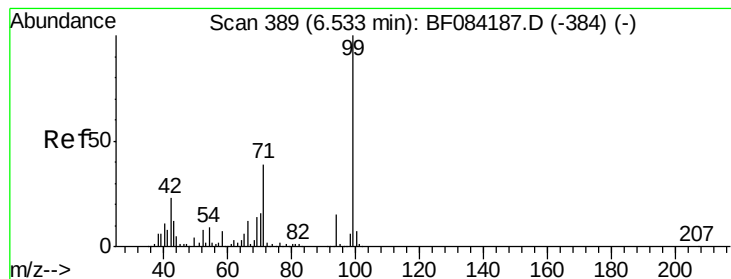


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 82.58 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF084304.D

Acq: 7 Jan 2016 10:02

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ClientSampleId :

SSTDCCC040

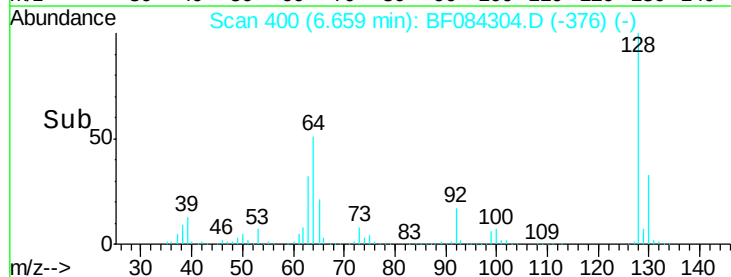
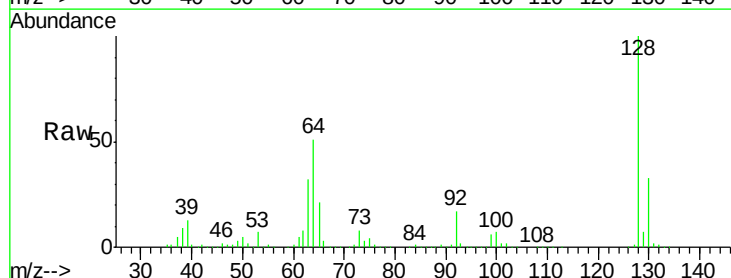
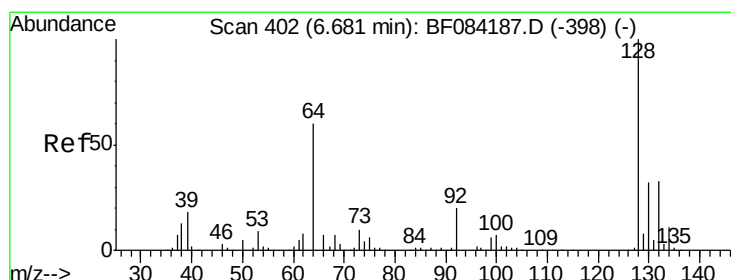
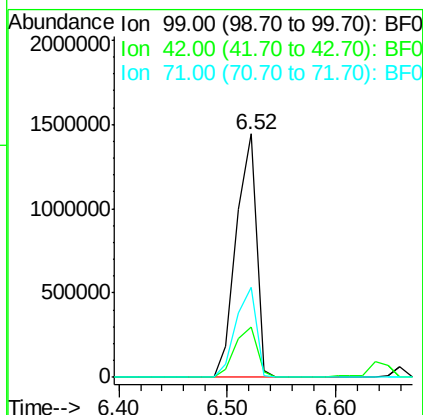
Tgt Ion: 99 Resp: 1838022

Ion Ratio Lower Upper

99 100

42 20.7 12.8 19.2#

71 37.0 30.9 46.3



#8

2-Chlorophenol

Concen: 42.17 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF084304.D

Acq: 7 Jan 2016 10:02

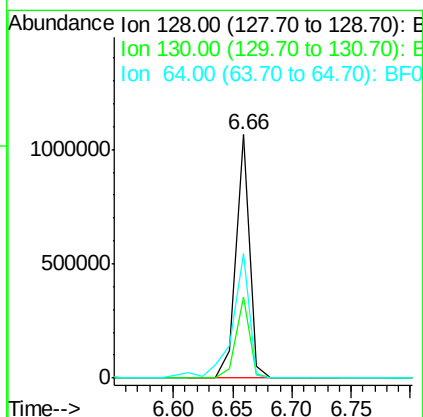
Tgt Ion: 128 Resp: 847845

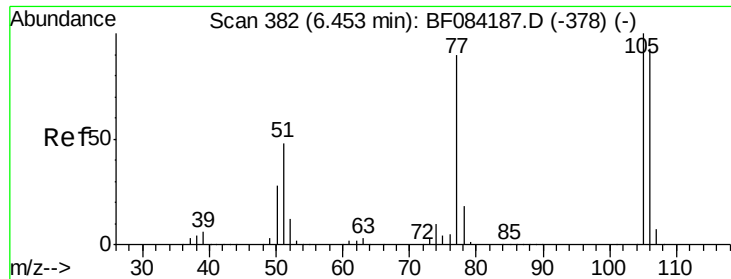
Ion Ratio Lower Upper

128 100

130 33.3 11.6 51.6

64 51.0 23.8 63.8





#9

Benzaldehyde

Concen: 39.60 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.03 min

Lab File: BF084304.D

Acq: 7 Jan 2016 10:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

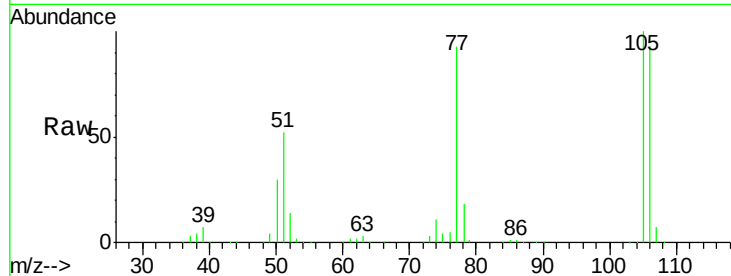
Tgt Ion: 77 Resp: 573951

Ion Ratio Lower Upper

77 100

105 107.3 83.0 123.0

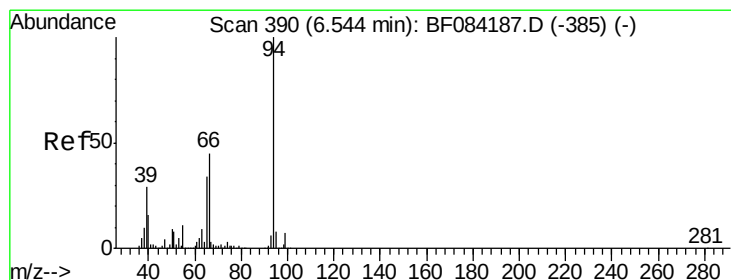
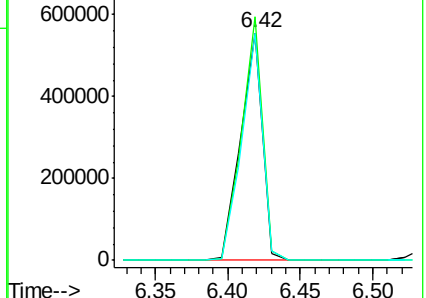
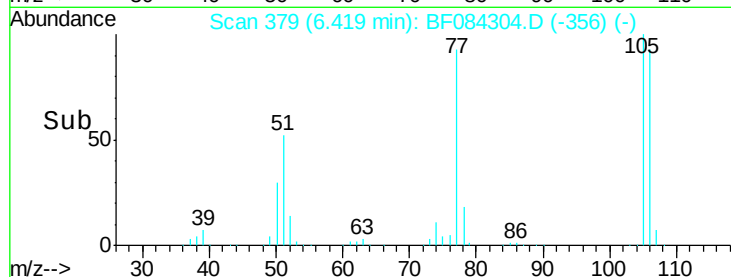
106 100.1 74.6 114.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 42.16 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF084304.D

Acq: 7 Jan 2016 10:02

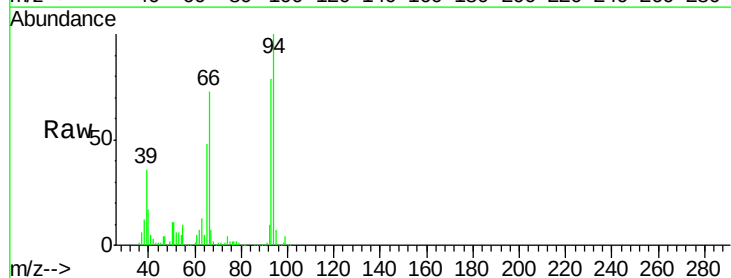
Tgt Ion: 94 Resp: 1066992

Ion Ratio Lower Upper

94 100

65 47.6 12.9 52.9

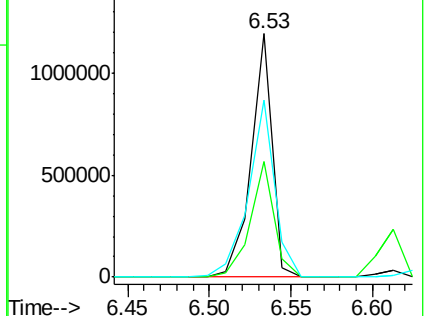
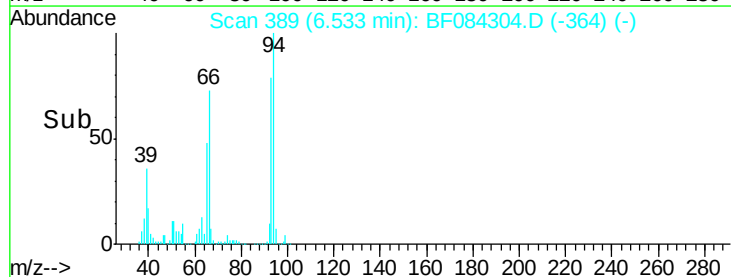
66 72.6 32.7 72.7

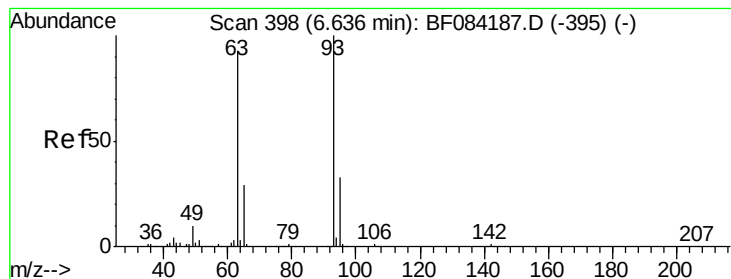


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 44.08 ng

RT: 6.61 min Scan# 396

Delta R.T. -0.02 min

Lab File: BF084304.D

Acq: 7 Jan 2016 10:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

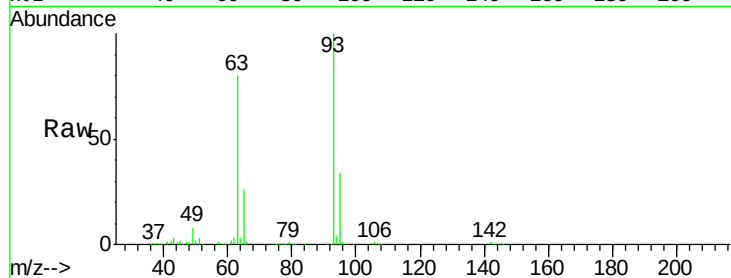
Tgt Ion: 93 Resp: 864188

Ion Ratio Lower Upper

93 100

63 80.4 45.9 85.9

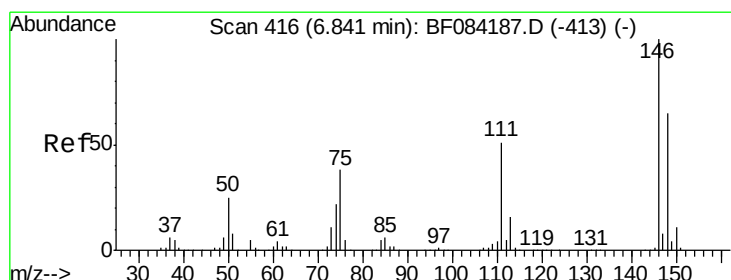
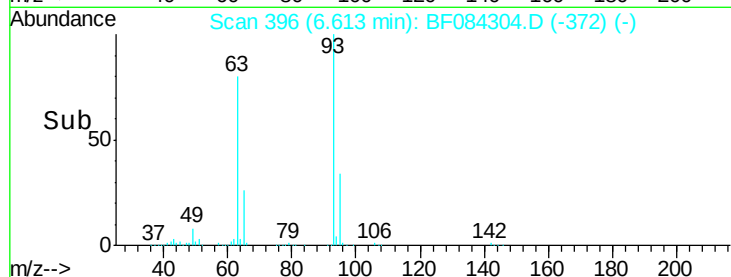
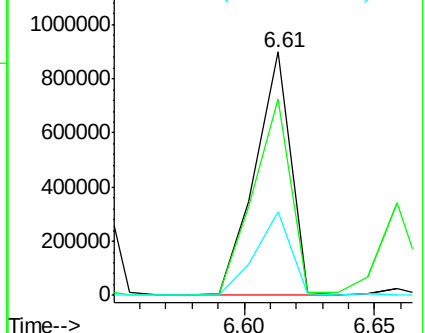
95 34.3 12.3 52.3



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 37.73 ng

RT: 7.05 min Scan# 434

Delta R.T. 0.21 min

Lab File: BF084304.D

Acq: 7 Jan 2016 10:02

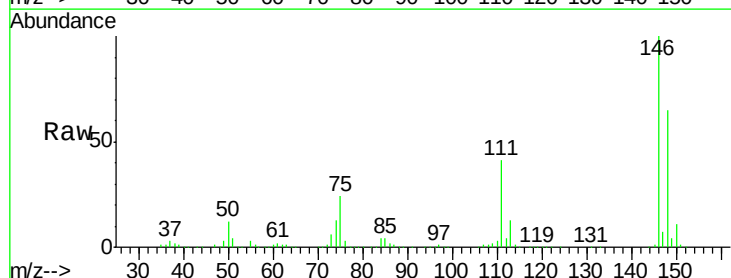
Tgt Ion: 146 Resp: 782534

Ion Ratio Lower Upper

146 100

148 64.7 51.9 77.9

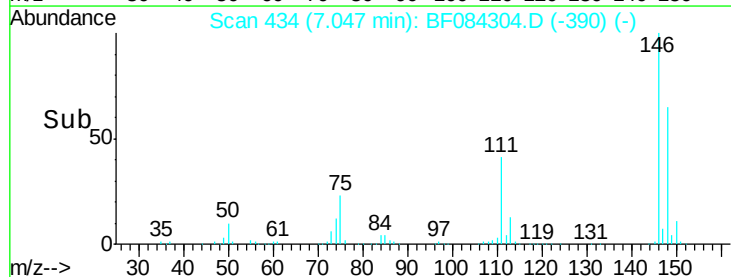
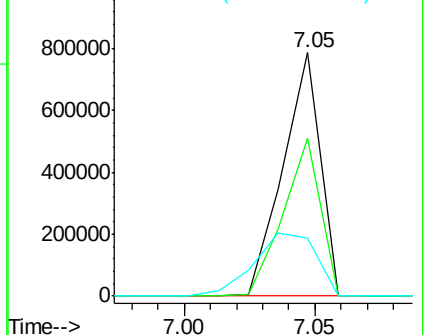
75 23.7 20.5 30.7

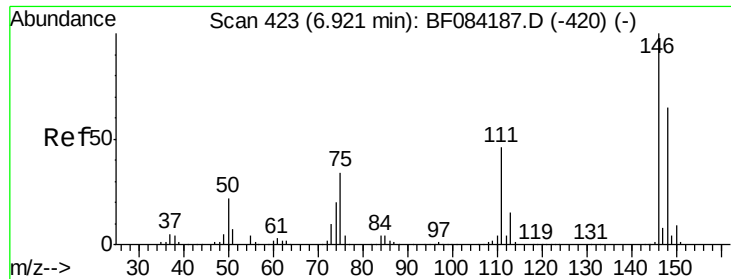


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

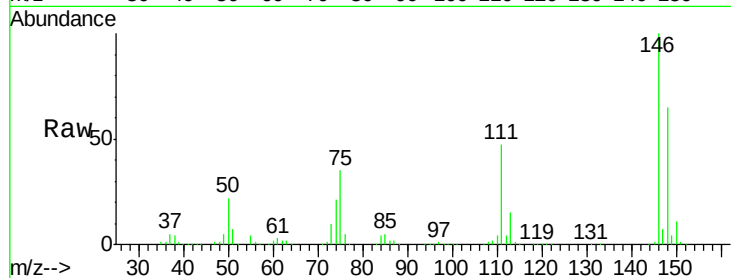




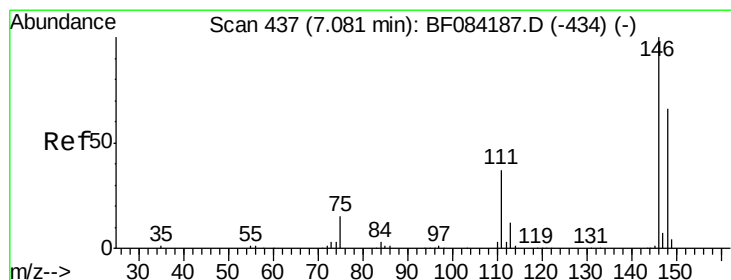
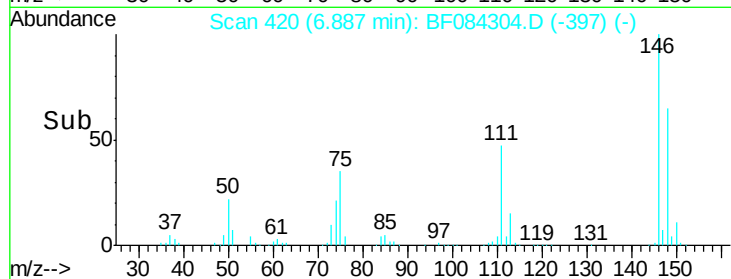
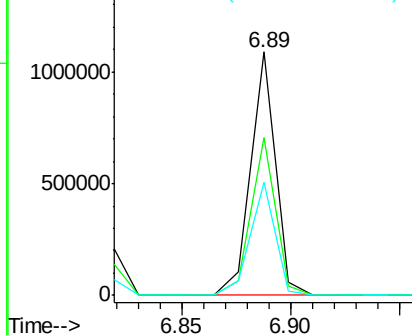
#13
 1,4-Dichlorobenzene
 Concen: 41.43 ng
 RT: 6.89 min Scan# 420
 Delta R.T. -0.03 min
 Lab File: BF084304.D
 Acq: 7 Jan 2016 10:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:146 Resp: 861643
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.9 77.9
 111 46.7 41.6 62.4

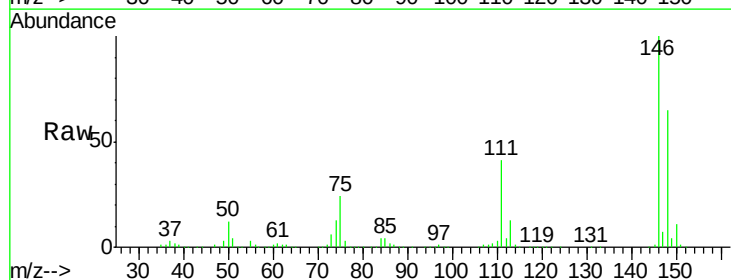


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

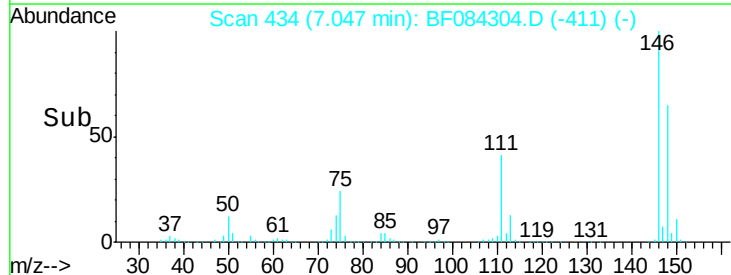
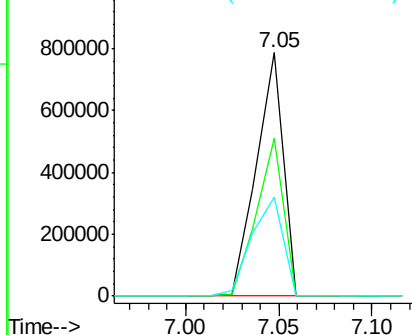


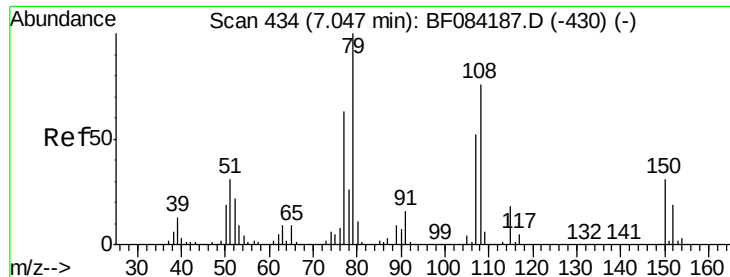
#14
 1,2-Dichlorobenzene
 Concen: 39.28 ng
 RT: 7.05 min Scan# 434
 Delta R.T. -0.03 min
 Lab File: BF084304.D
 Acq: 7 Jan 2016 10:02

Tgt Ion:146 Resp: 782436
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.6 77.4
 111 40.7 38.0 57.0



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





#15

Benzyl Alcohol

Concen: 40.00 ng

RT: 7.02 min Scan# 432

Delta R.T. -0.02 min

Lab File: BF084304.D

Acq: 7 Jan 2016 10:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

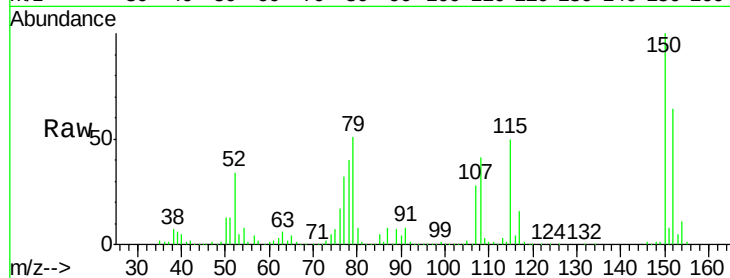
Tgt Ion: 79 Resp: 748939

Ion Ratio Lower Upper

79 100

108 79.8 69.0 103.4

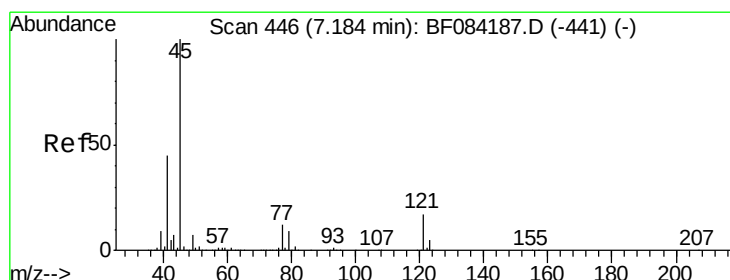
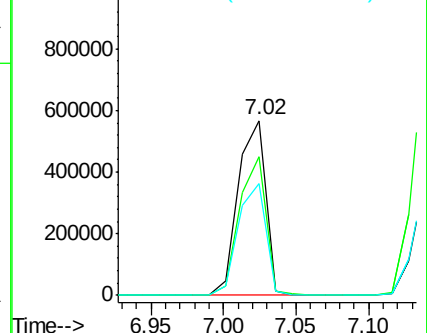
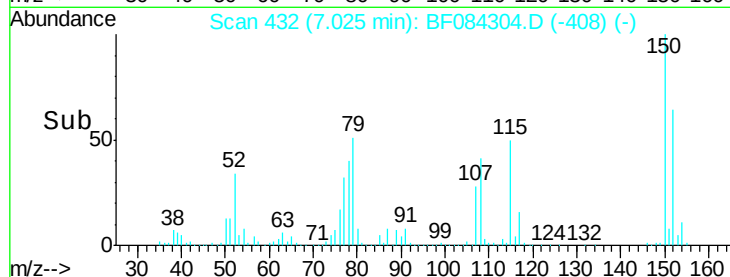
77 63.8 50.0 75.0



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: 37.65 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.03 min

Lab File: BF084304.D

Acq: 7 Jan 2016 10:02

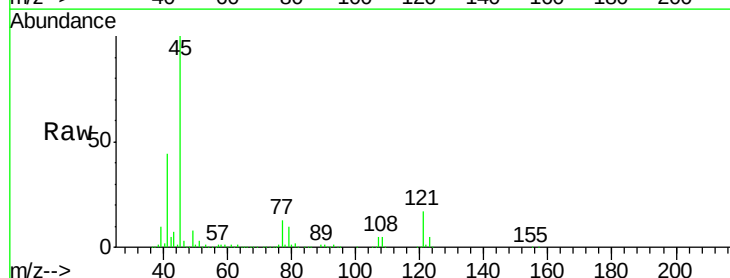
Tgt Ion: 45 Resp: 1344036

Ion Ratio Lower Upper

45 100

77 13.1 0.0 39.6

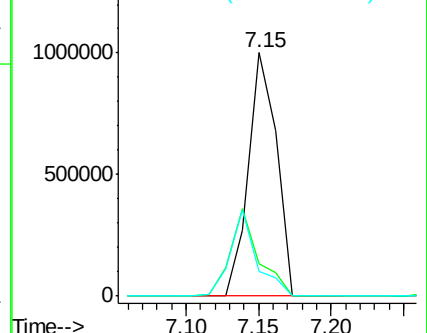
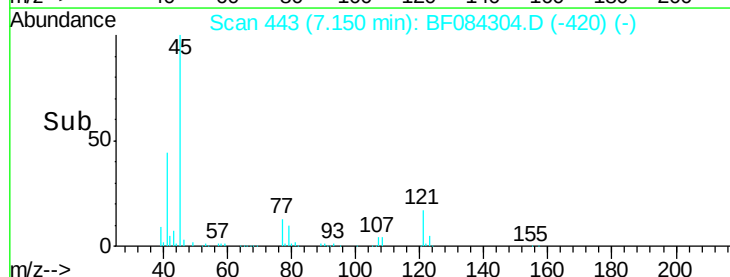
79 10.1 0.0 35.0

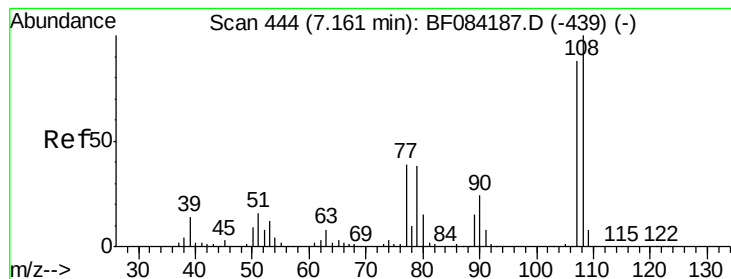


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 39.43 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.02 min

Lab File: BF084304.D

Acq: 7 Jan 2016 10:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 664468

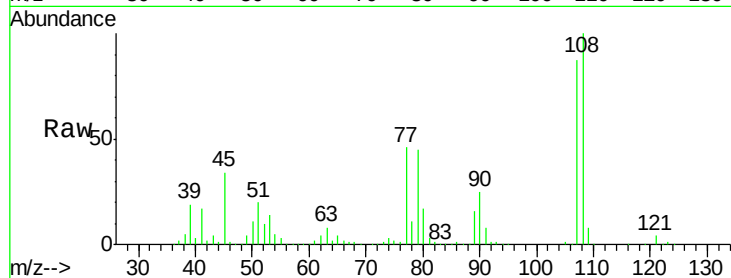
Ion Ratio Lower Upper

107 100

108 115.3 89.8 134.6

77 52.9 35.7 53.5

79 51.9 35.7 53.5

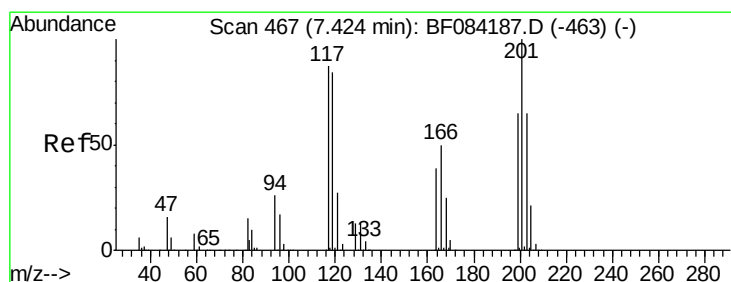
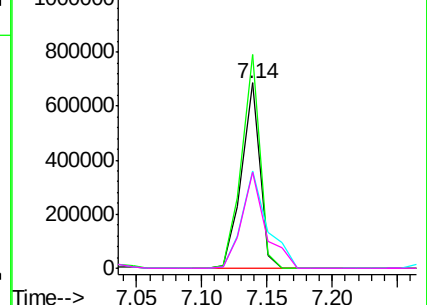
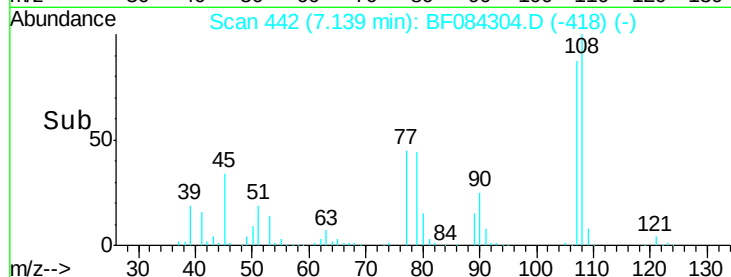


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.46 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.05 min

Lab File: BF084304.D

Acq: 7 Jan 2016 10:02

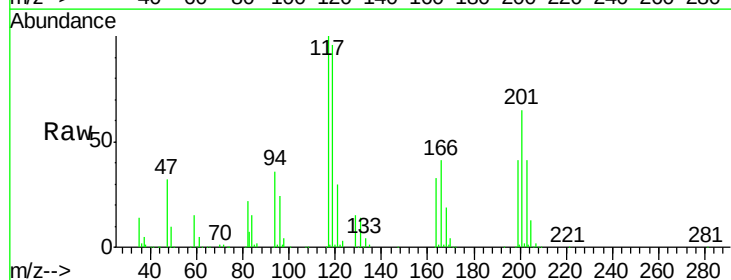
Tgt Ion:117 Resp: 336484

Ion Ratio Lower Upper

117 100

119 95.8 77.4 116.0

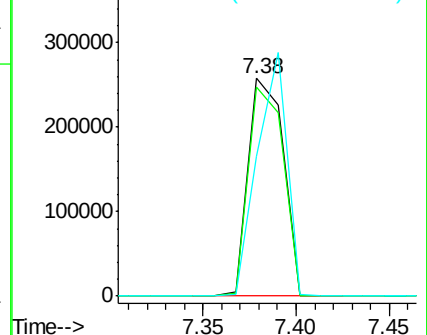
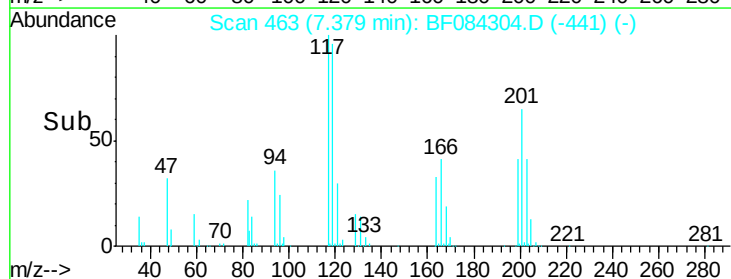
201 64.5 68.6 103.0#

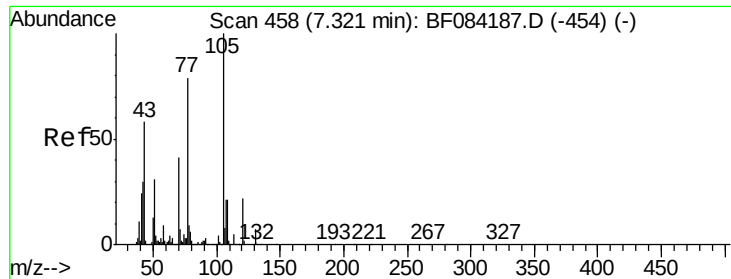


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

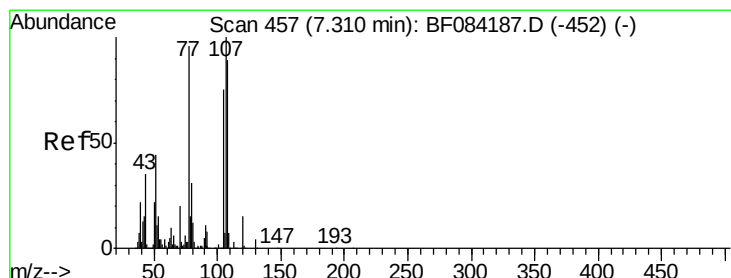
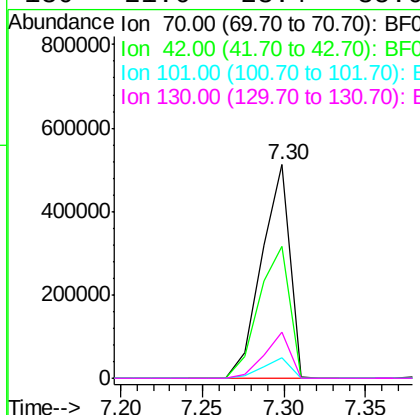
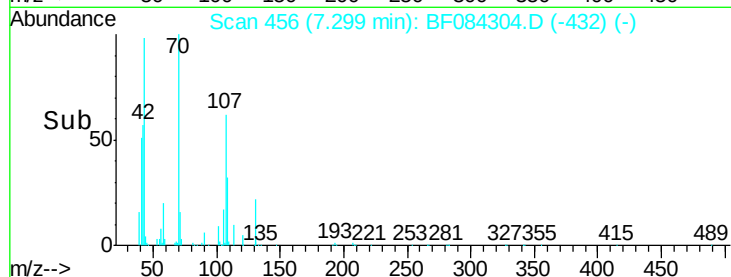
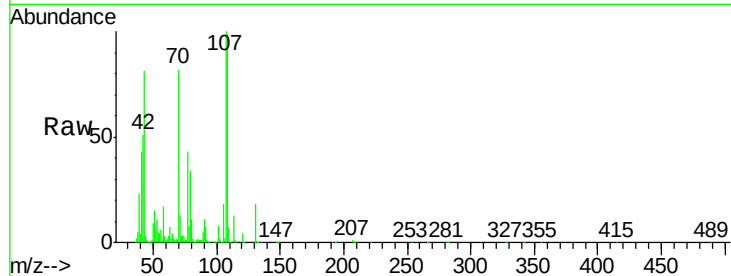




#19
n-Nitroso-di-n-propylamine
Concen: 40.75 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.02 min
Lab File: BF084304.D
Acq: 7 Jan 2016 10:02

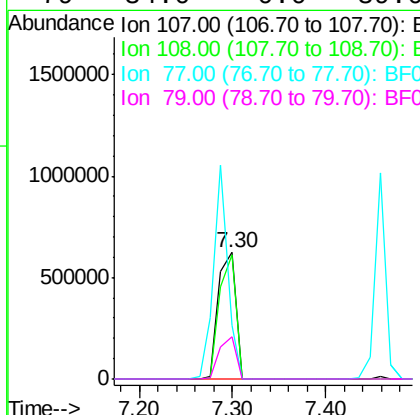
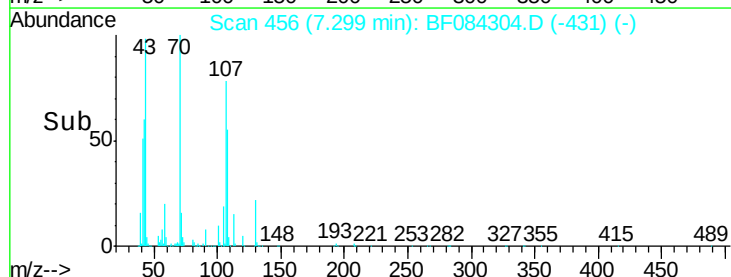
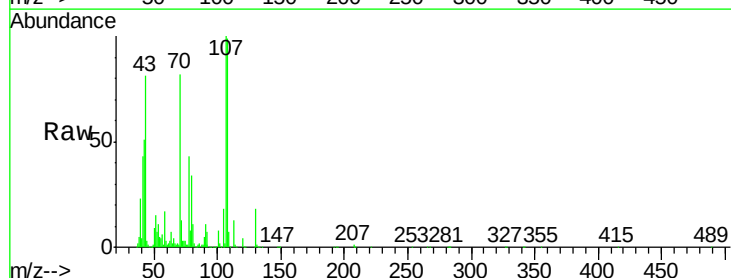
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

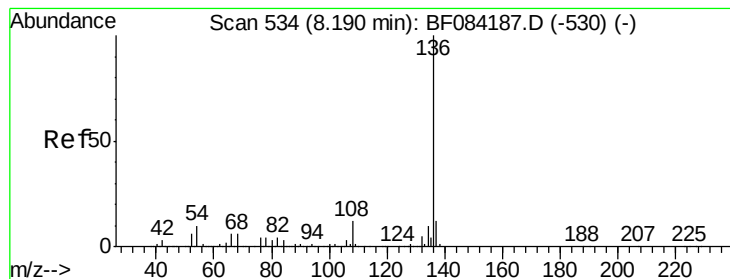
Tgt Ion: 70 Resp: 614049
Ion Ratio Lower Upper
70 100
42 61.5 33.3 49.9#
101 9.6 9.3 13.9
130 21.6 23.4 35.0#



#20
3+4-Methylphenols
Concen: 40.68 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF084304.D
Acq: 7 Jan 2016 10:02

Tgt Ion: 107 Resp: 805765
Ion Ratio Lower Upper
107 100
108 98.8 74.6 114.6
77 42.9 0.7 40.7#
79 34.0 0.0 39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.03 min

Lab File: BF084304.D

Acq: 7 Jan 2016 10:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 1162299

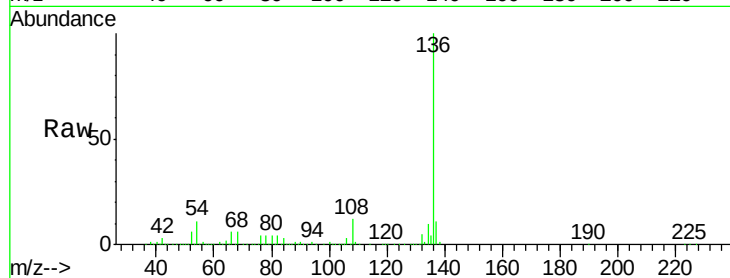
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 10.9 5.8 8.8#

68 5.9 4.2 6.2

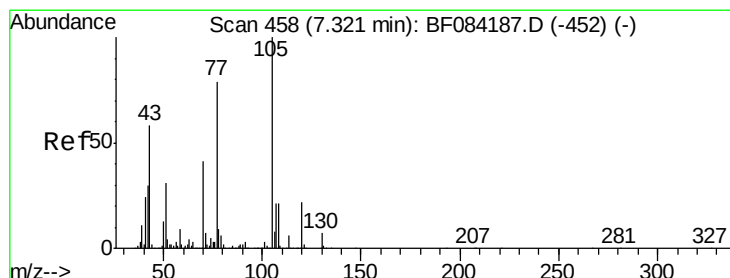
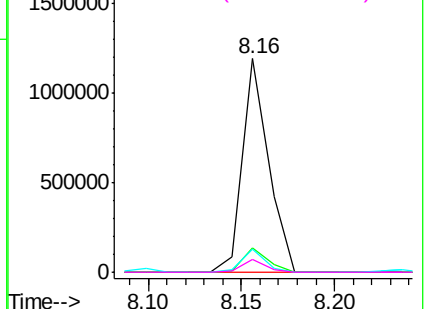
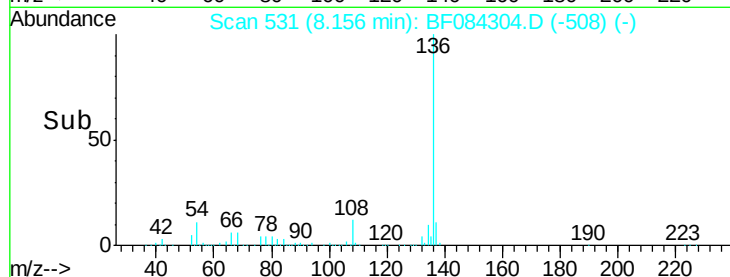


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 38.94 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.03 min

Lab File: BF084304.D

Acq: 7 Jan 2016 10:02

Tgt Ion:105 Resp: 1088250

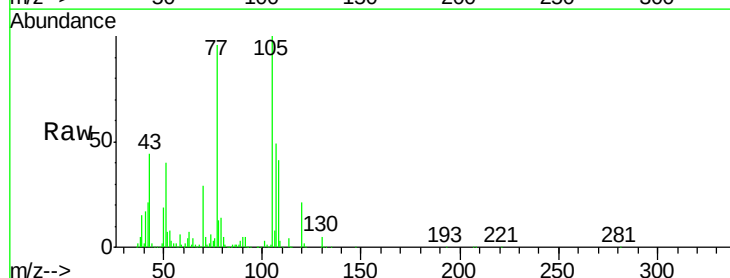
Ion Ratio Lower Upper

105 100

71 5.1 3.7 5.5

51 40.0 25.1 37.7#

120 21.3 16.6 25.0

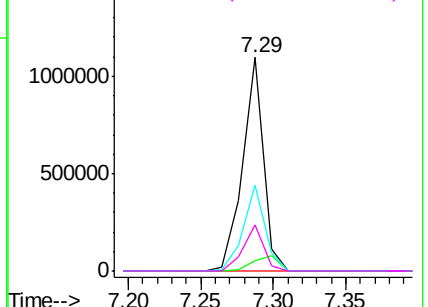
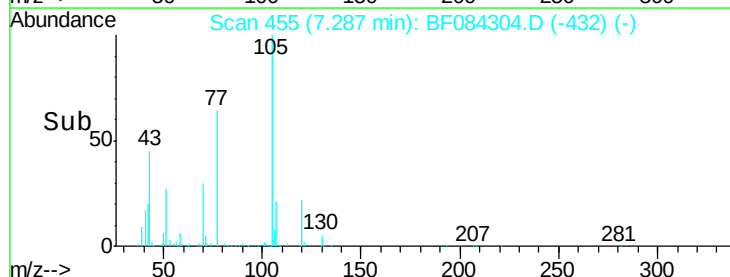


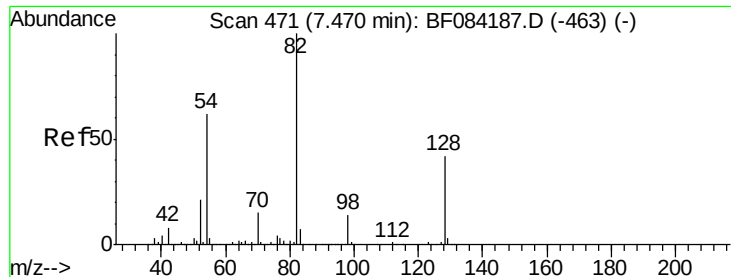
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

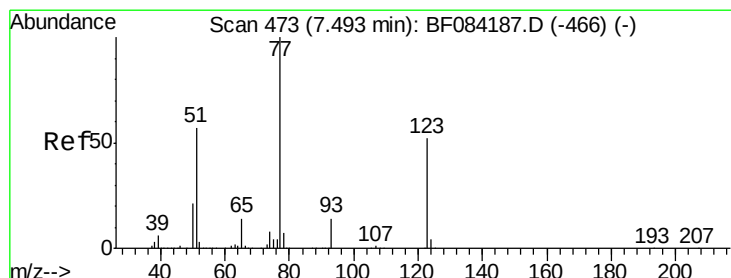
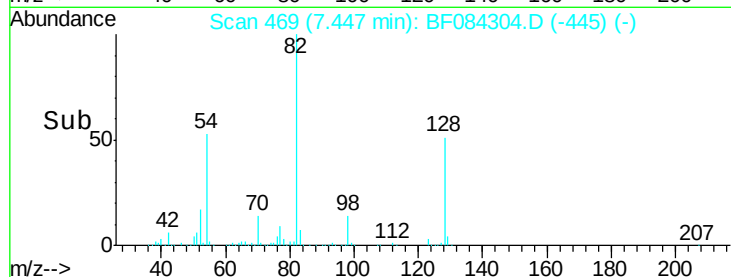
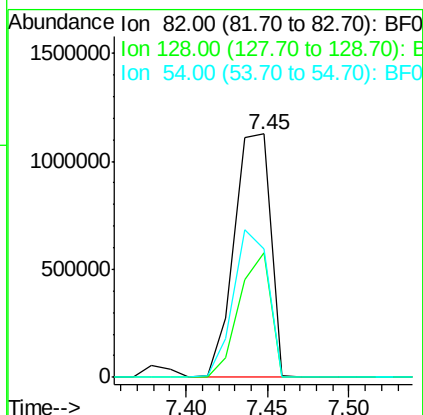
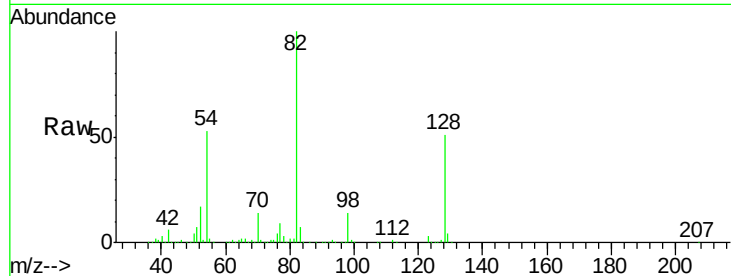




#23
 Nitrobenzene-d5
 Concen: 83.03 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.02 min
 Lab File: BF084304.D
 Acq: 7 Jan 2016 10:02

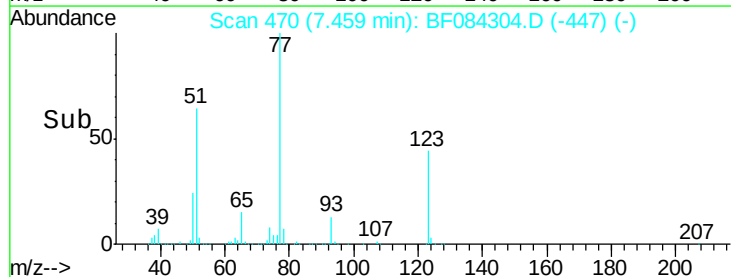
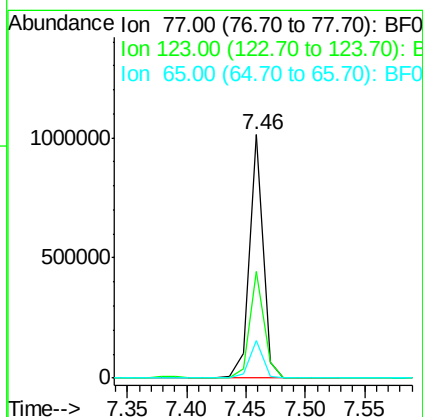
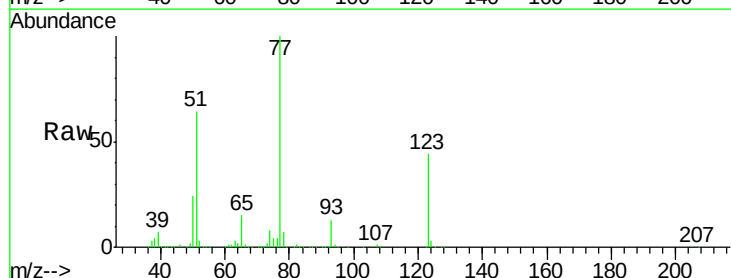
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

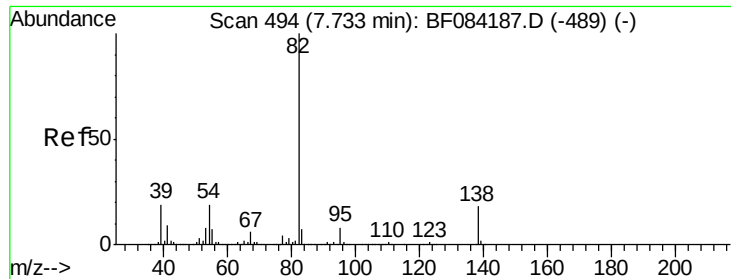
Tgt Ion: 82 Resp: 1734029
 Ion Ratio Lower Upper
 82 100
 128 51.4 34.6 51.8
 54 52.9 38.4 57.6



#24
 Nitrobenzene
 Concen: 38.78 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.03 min
 Lab File: BF084304.D
 Acq: 7 Jan 2016 10:02

Tgt Ion: 77 Resp: 821426
 Ion Ratio Lower Upper
 77 100
 123 43.9 37.4 56.2
 65 15.4 10.9 16.3





#25

Isophorone

Concen: 39.07 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.03 min

Lab File: BF084304.D

Acq: 7 Jan 2016 10:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

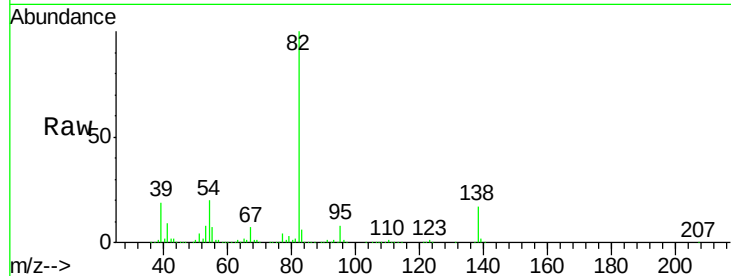
Tgt Ion: 82 Resp: 1560523

Ion Ratio Lower Upper

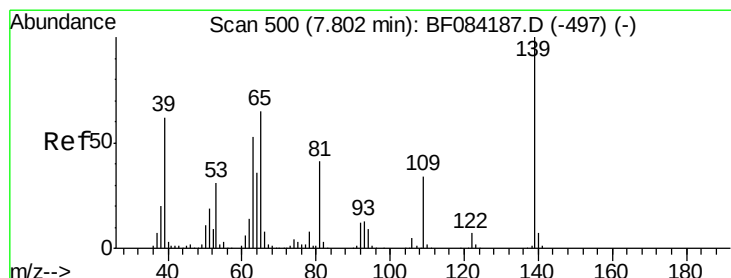
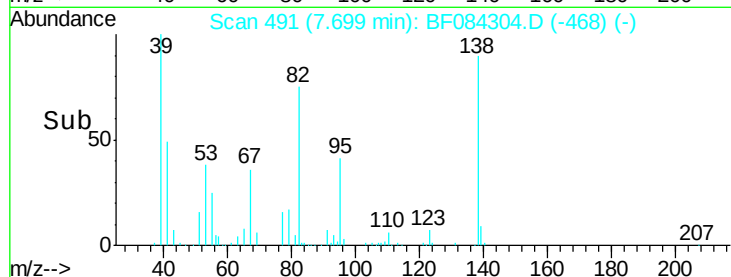
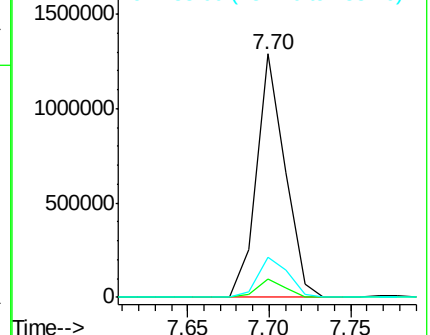
82 100

95 7.6 6.6 10.0

138 16.5 13.6 20.4



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 48.64 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.02 min

Lab File: BF084304.D

Acq: 7 Jan 2016 10:02

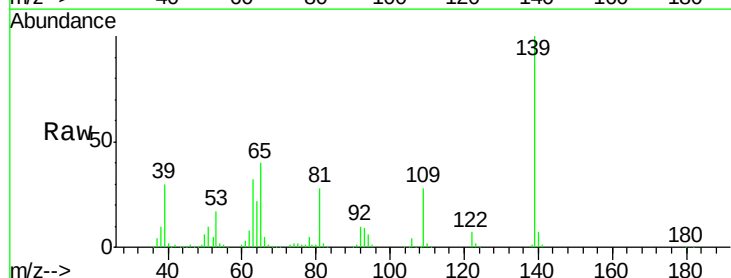
Tgt Ion: 139 Resp: 468847

Ion Ratio Lower Upper

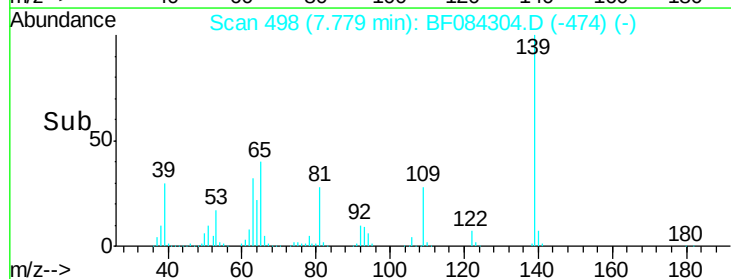
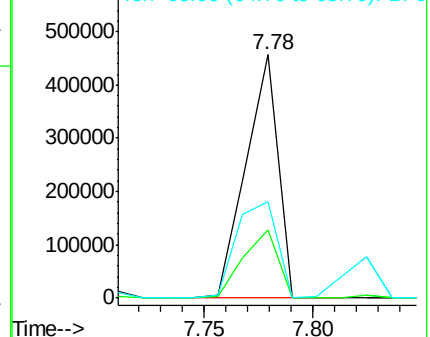
139 100

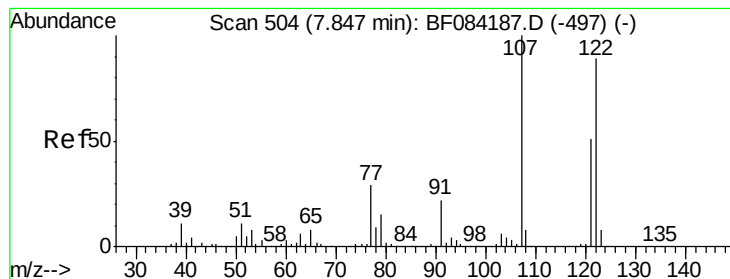
109 28.1 25.4 38.2

65 39.7 32.3 48.5



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





#27

2,4-Dimethylphenol

Concen: 42.92 ng

RT: 7.82 min Scan# 502

Delta R.T. -0.02 min

Lab File: BF084304.D

Acq: 7 Jan 2016 10:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

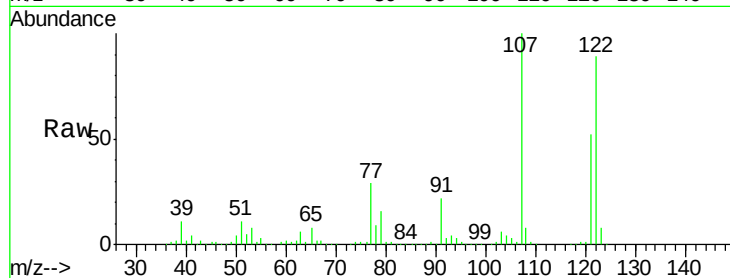
Tgt Ion:122 Resp: 837555

Ion Ratio Lower Upper

122 100

107 112.4 99.1 148.7

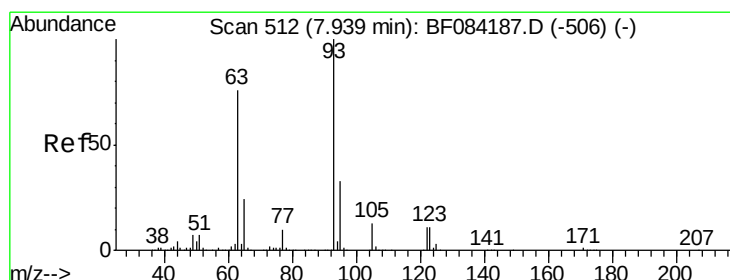
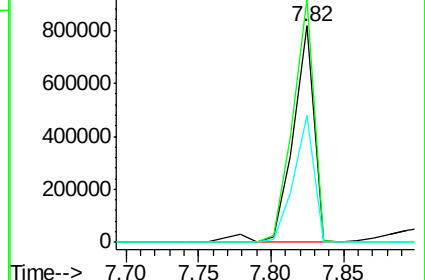
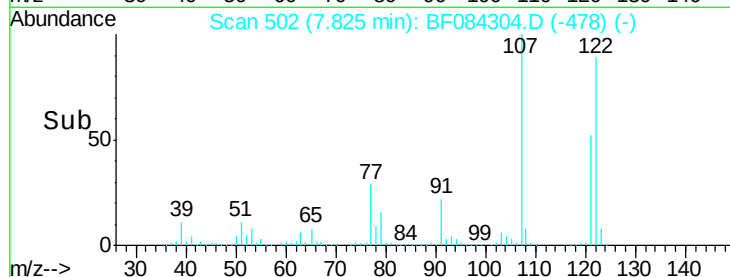
121 58.6 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.40 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.02 min

Lab File: BF084304.D

Acq: 7 Jan 2016 10:02

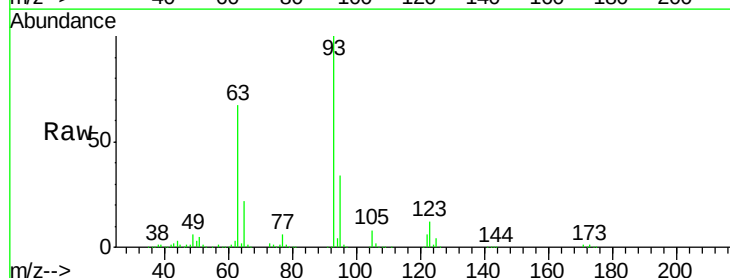
Tgt Ion: 93 Resp: 1058903

Ion Ratio Lower Upper

93 100

95 34.0 25.8 38.6

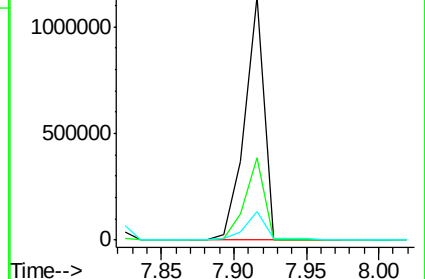
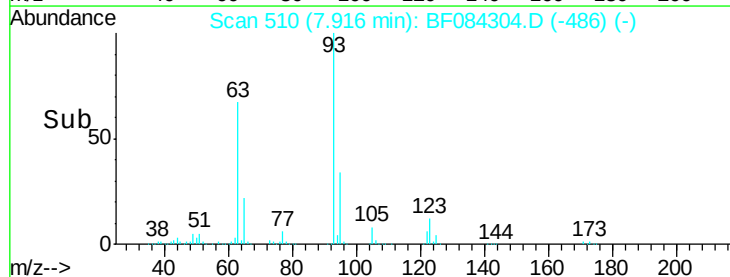
123 11.8 8.6 12.8

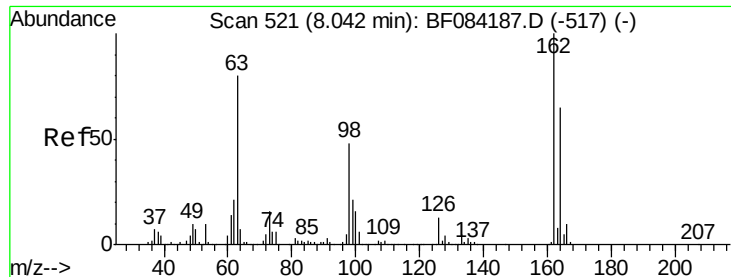


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 38.46 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF084304.D

Acq: 7 Jan 2016 10:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

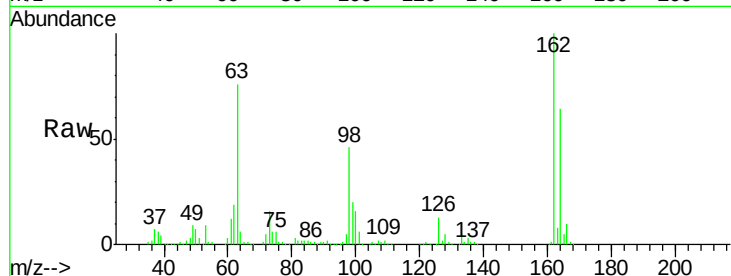
Tgt Ion:162 Resp: 625057

Ion Ratio Lower Upper

162 100

164 63.6 44.1 84.1

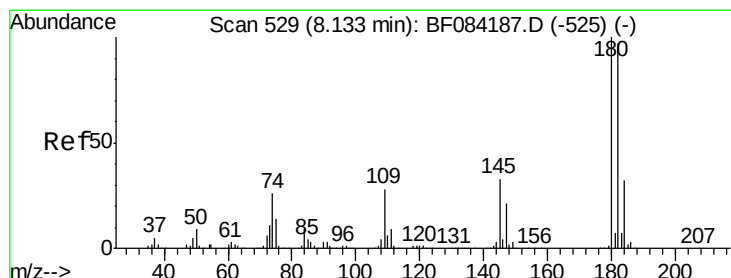
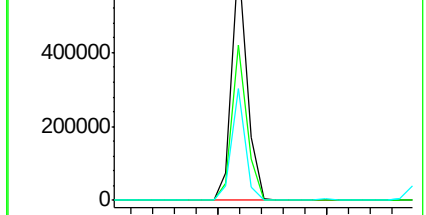
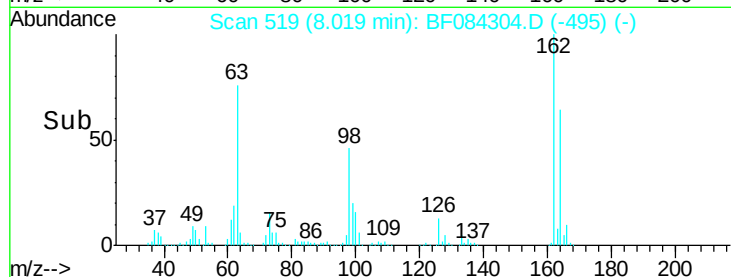
98 45.9 20.2 60.2



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: 40.98 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.03 min

Lab File: BF084304.D

Acq: 7 Jan 2016 10:02

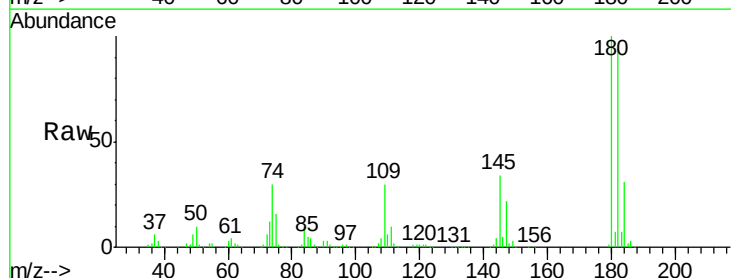
Tgt Ion:180 Resp: 687643

Ion Ratio Lower Upper

180 100

182 94.2 76.4 114.6

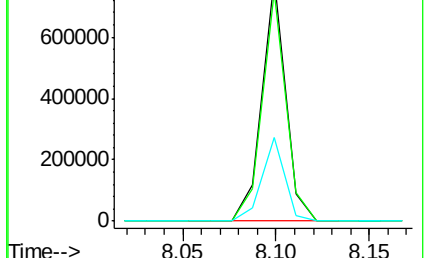
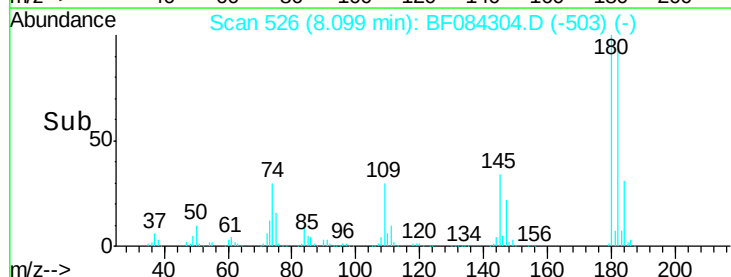
145 34.3 31.6 47.4

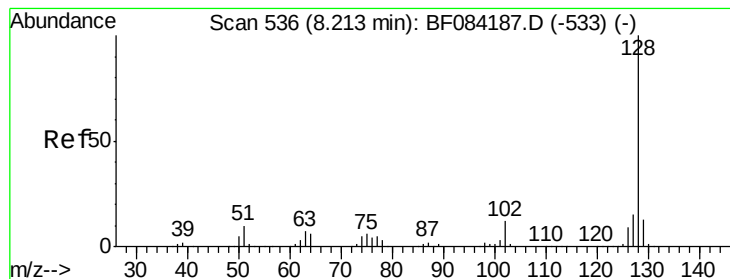


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.28 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.03 min

Lab File: BF084304.D

Acq: 7 Jan 2016 10:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

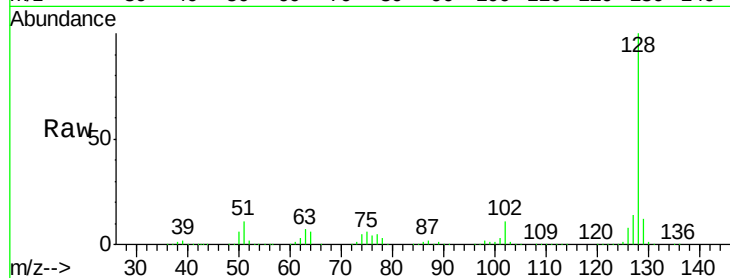
Tgt Ion:128 Resp: 2018436

Ion Ratio Lower Upper

128 100

129 12.5 9.1 13.7

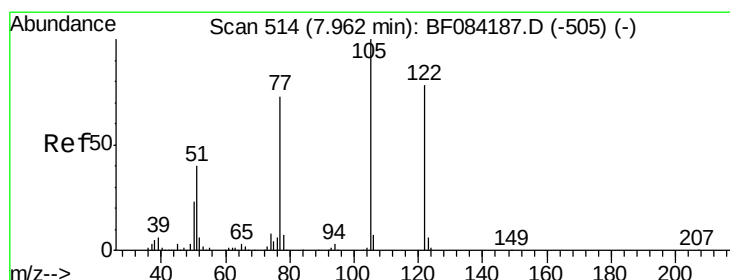
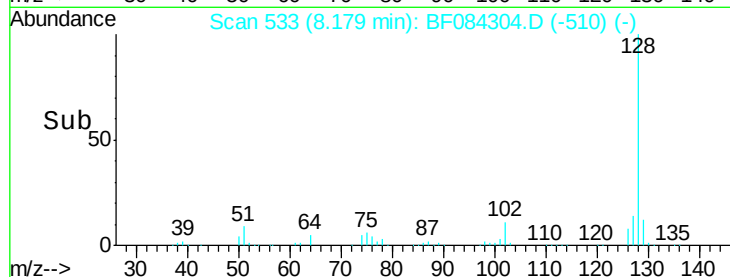
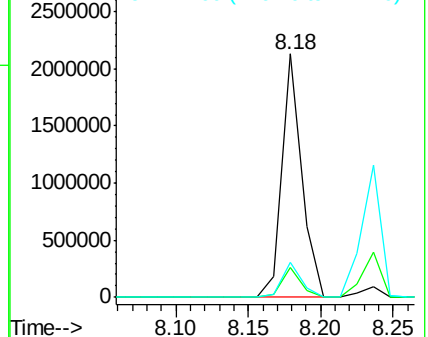
127 14.2 11.1 16.7



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: 33.86 ng

RT: 7.94 min Scan# 512

Delta R.T. -0.02 min

Lab File: BF084304.D

Acq: 7 Jan 2016 10:02

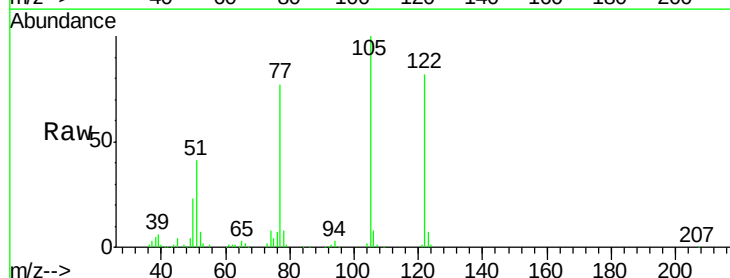
Tgt Ion:122 Resp: 398541

Ion Ratio Lower Upper

122 100

105 122.5 100.3 140.3

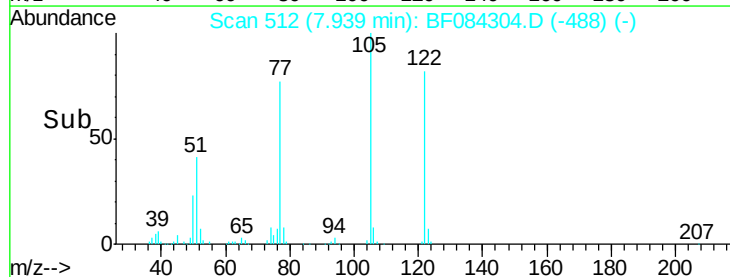
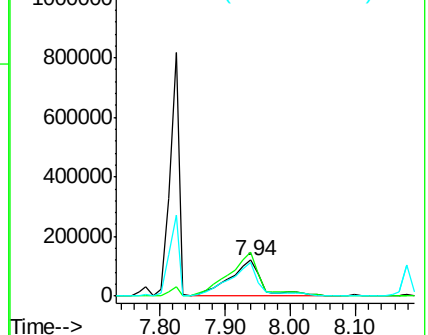
77 94.2 63.5 103.5

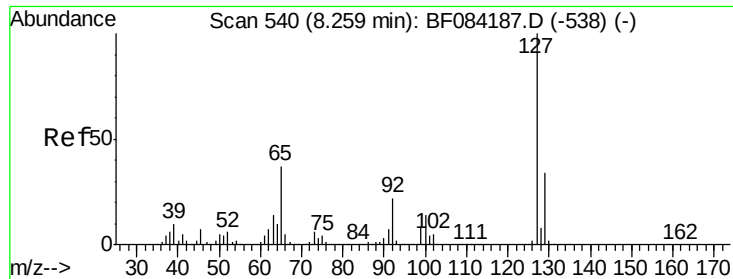


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

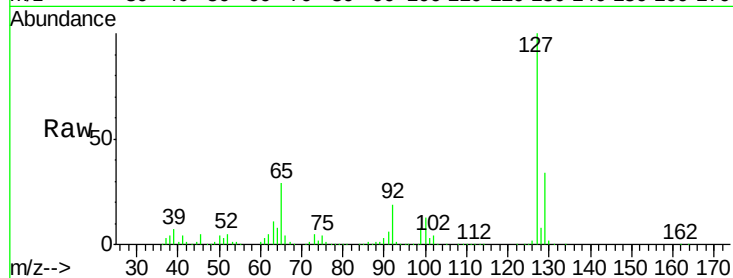




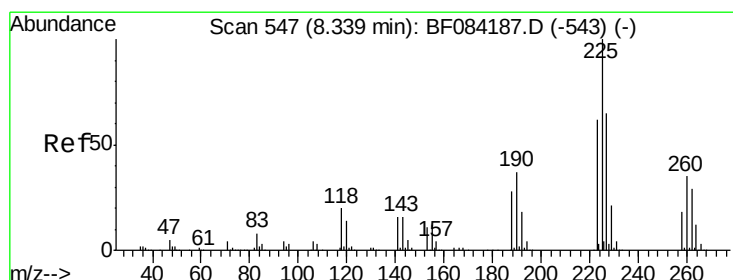
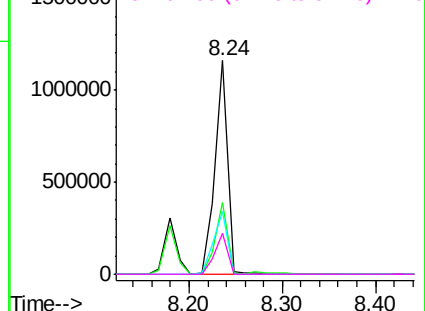
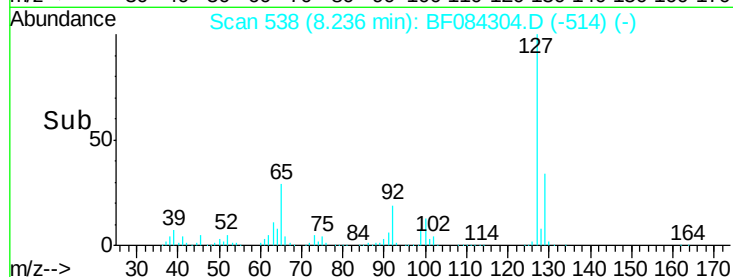
#33
4-Chloroaniline
Concen: 44.88 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF084304.D
Acq: 7 Jan 2016 10:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 1085119
Ion Ratio Lower Upper
127 100
129 33.8 26.5 39.7
65 29.4 27.2 40.8
92 19.2 17.7 26.5

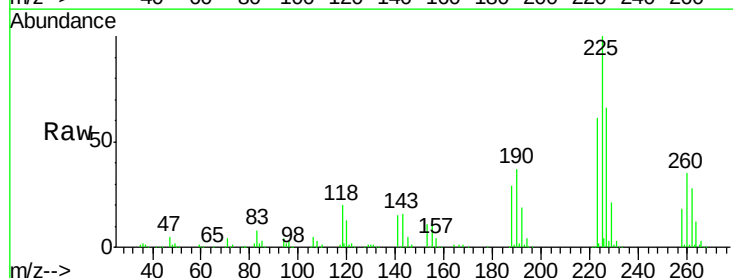


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

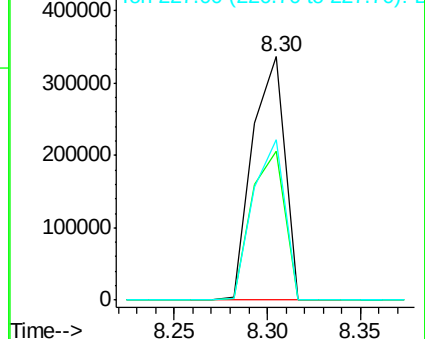
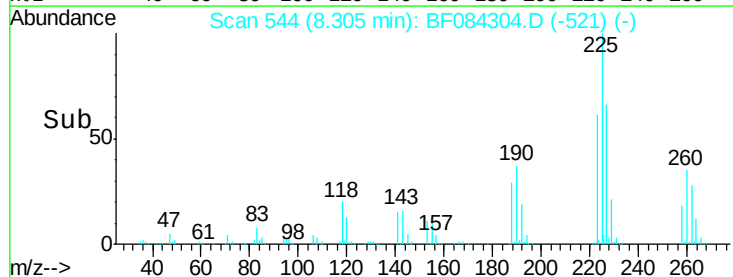


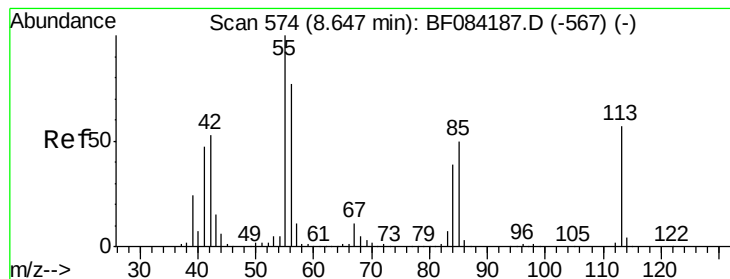
#34
Hexachlorobutadiene
Concen: 41.75 ng
RT: 8.30 min Scan# 544
Delta R.T. -0.03 min
Lab File: BF084304.D
Acq: 7 Jan 2016 10:02

Tgt Ion:225 Resp: 402701
Ion Ratio Lower Upper
225 100
223 61.4 49.4 74.0
227 66.0 50.8 76.2



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





#35

Caprolactam

Concen: 37.79 ng

RT: 8.61 min Scan# 571

Delta R.T. -0.03 min

Lab File: BF084304.D

Acq: 7 Jan 2016 10:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

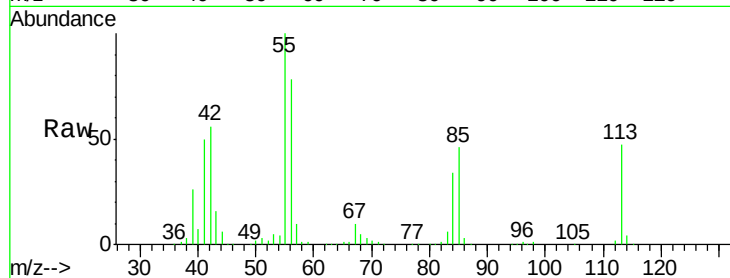
Tgt Ion:113 Resp: 207049

Ion Ratio Lower Upper

113 100

55 213.8 116.9 156.9#

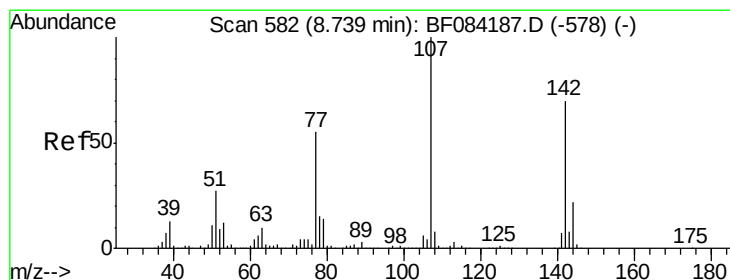
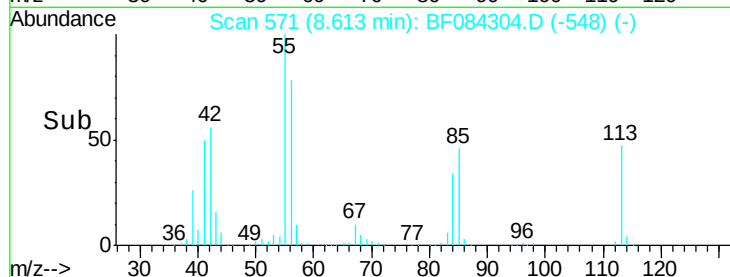
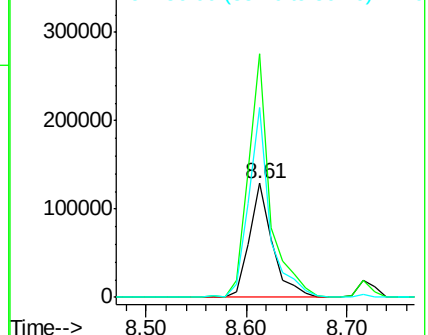
56 166.8 93.8 133.8#



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: 38.71 ng

RT: 8.72 min Scan# 580

Delta R.T. -0.02 min

Lab File: BF084304.D

Acq: 7 Jan 2016 10:02

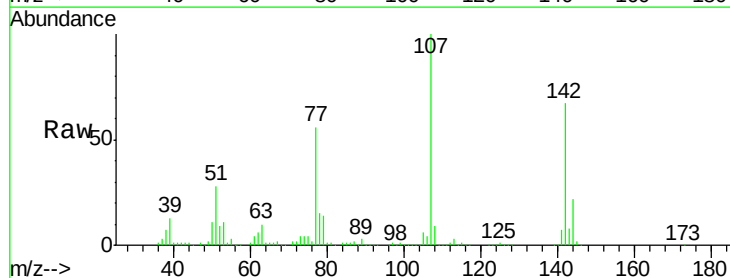
Tgt Ion:107 Resp: 704713

Ion Ratio Lower Upper

107 100

144 21.9 19.7 29.5

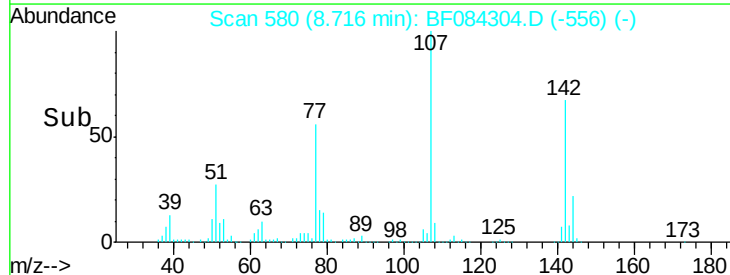
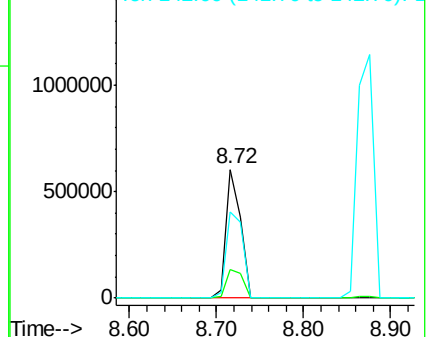
142 66.9 61.8 92.6

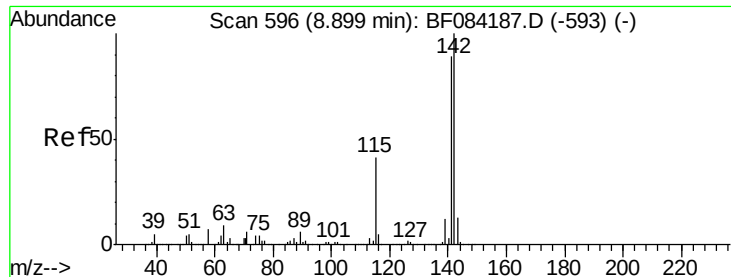


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

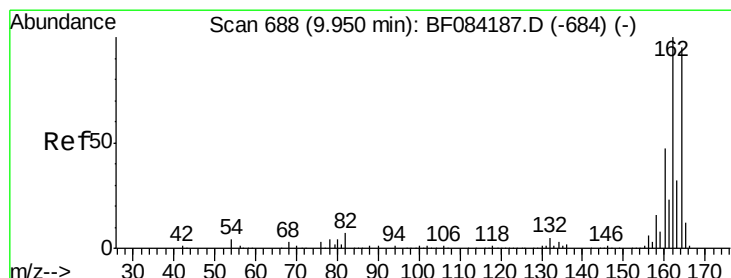
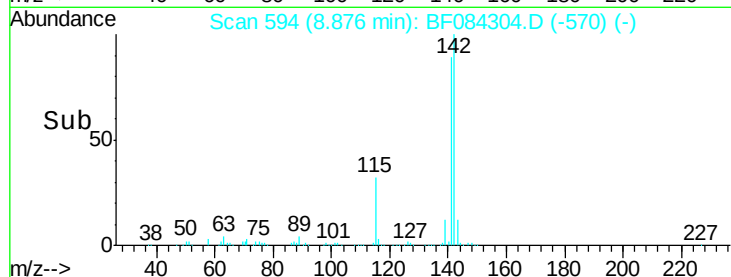
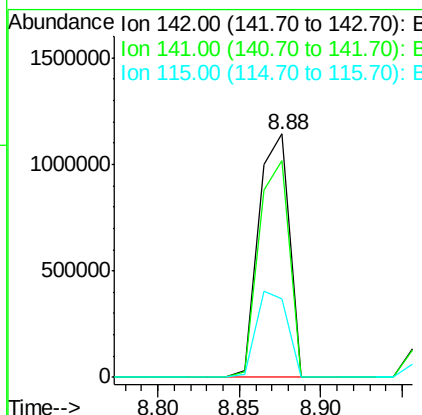
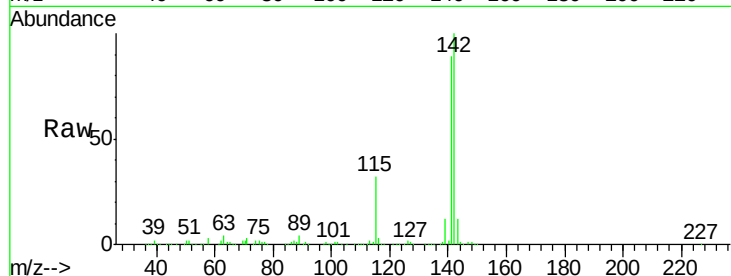




#37
 2-Methylnaphthalene
 Concen: 39.50 ng
 RT: 8.88 min Scan# 594
 Delta R.T. -0.02 min
 Lab File: BF084304.D
 Acq: 7 Jan 2016 10:02

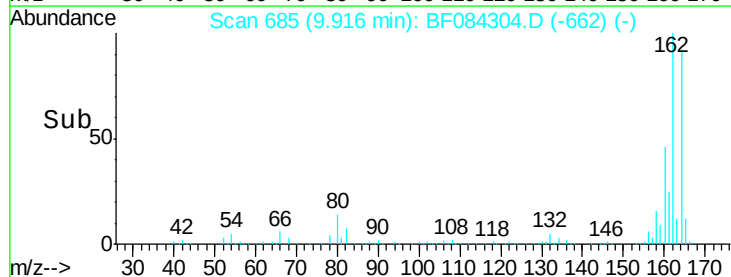
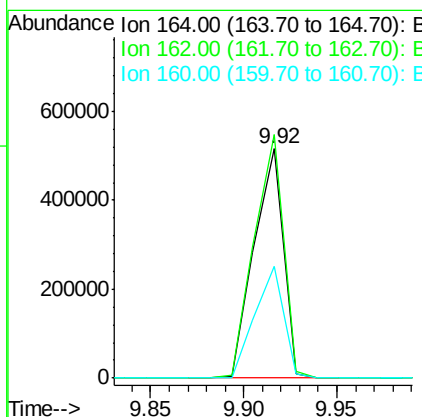
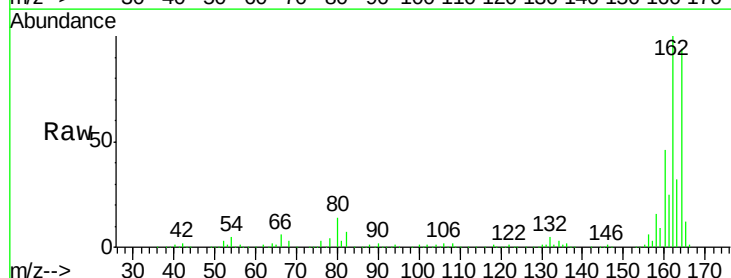
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

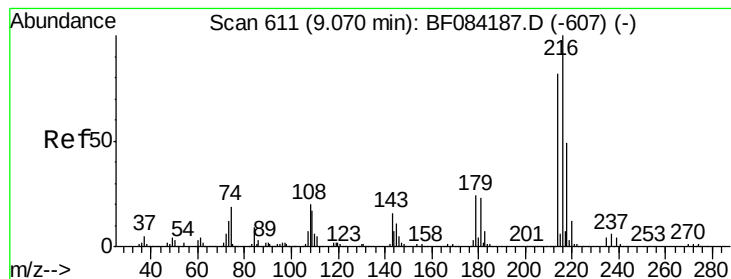
Tgt Ion:142 Resp: 1495380
 Ion Ratio Lower Upper
 142 100
 141 88.9 72.4 108.6
 115 32.1 27.9 41.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 685
 Delta R.T. -0.03 min
 Lab File: BF084304.D
 Acq: 7 Jan 2016 10:02

Tgt Ion:164 Resp: 556494
 Ion Ratio Lower Upper
 164 100
 162 106.3 85.1 127.7
 160 49.0 37.5 56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.99 ng

RT: 9.04 min Scan# 608

Delta R.T. -0.03 min

Lab File: BF084304.D

Acq: 7 Jan 2016 10:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 655827

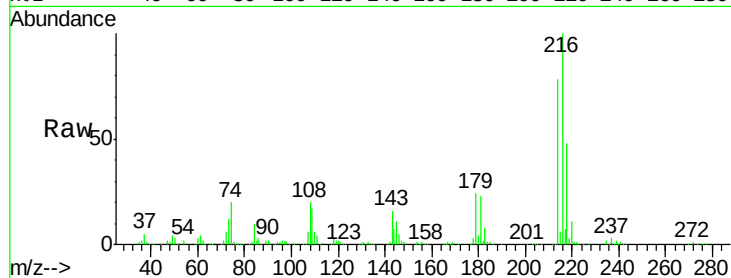
Ion Ratio Lower Upper

216 100

214 78.8 64.2 96.2

179 24.4 18.7 28.1

108 23.4 16.8 25.2

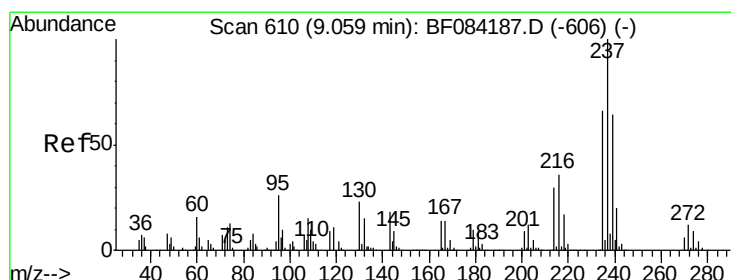
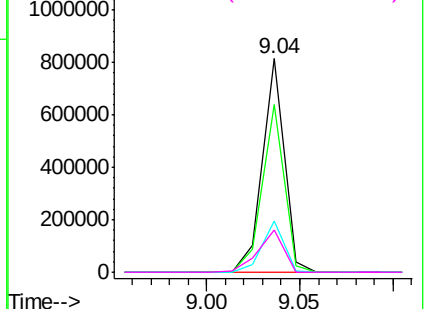
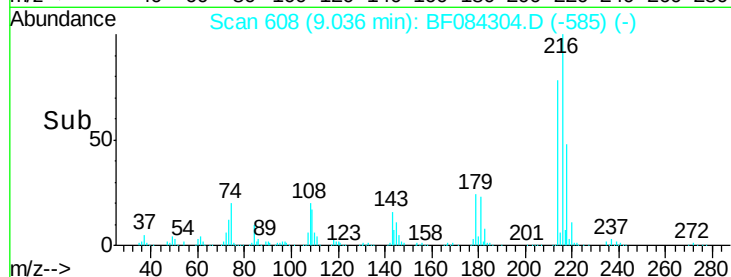


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 40.26 ng

RT: 9.02 min Scan# 607

Delta R.T. -0.03 min

Lab File: BF084304.D

Acq: 7 Jan 2016 10:02

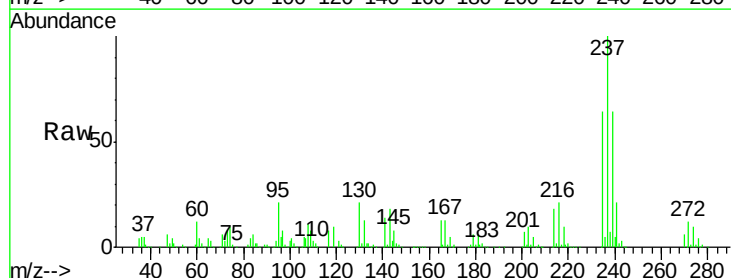
Tgt Ion:237 Resp: 388827

Ion Ratio Lower Upper

237 100

235 63.9 43.1 83.1

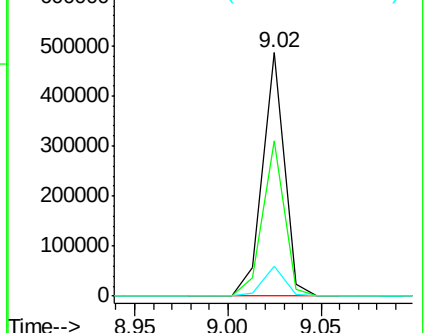
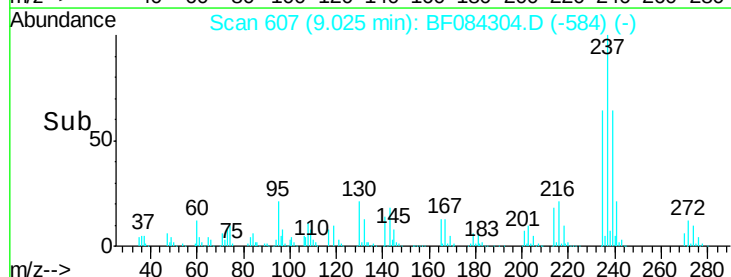
272 12.4 0.0 35.1

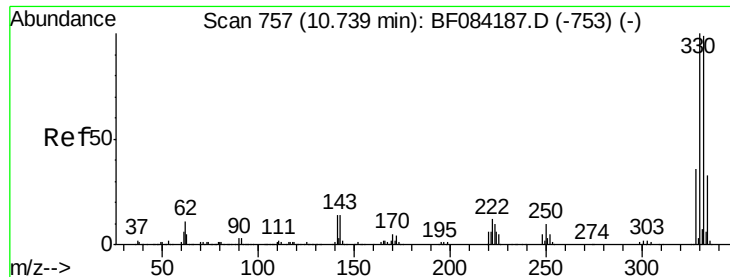


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

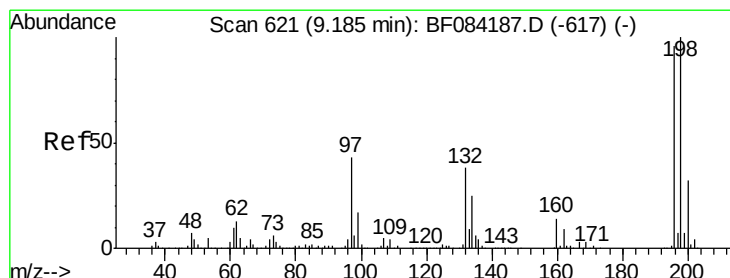
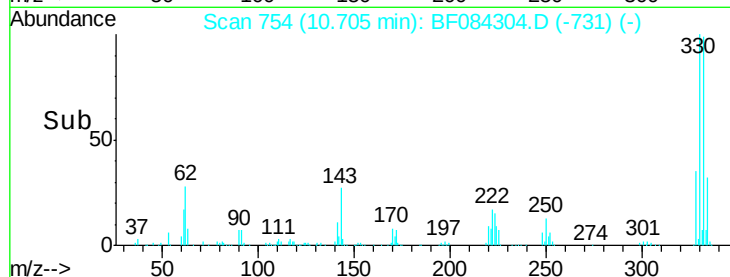
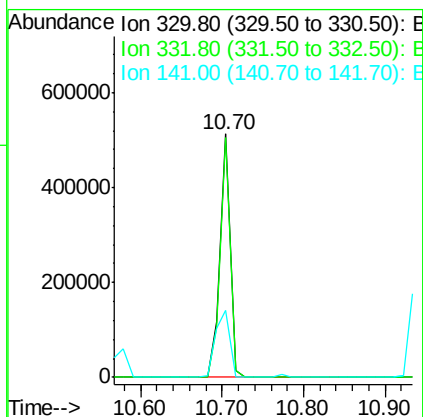
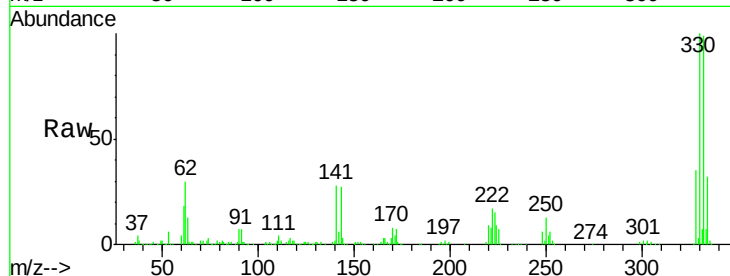




#41
 2,4,6-Tribromophenol
 Concen: 79.48 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.03 min
 Lab File: BF084304.D
 Acq: 7 Jan 2016 10:02

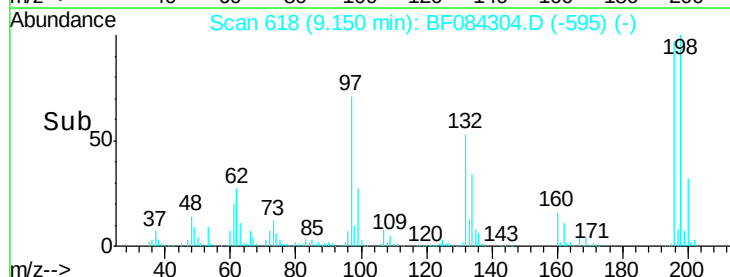
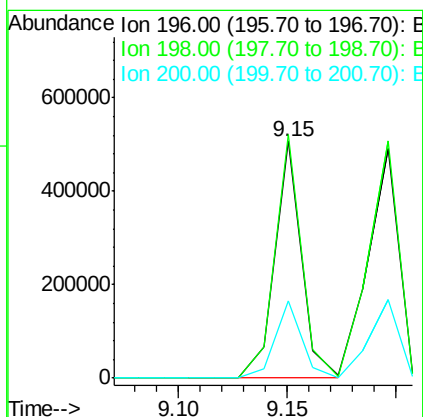
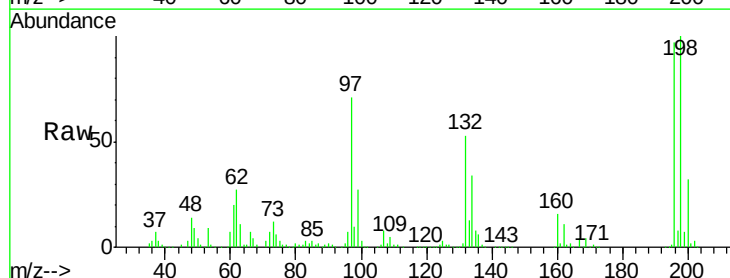
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

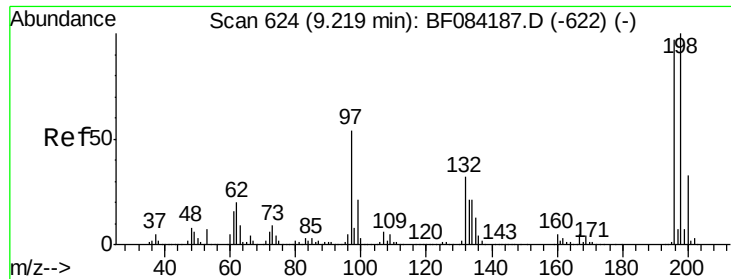
Tgt Ion:330 Resp: 446523
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.6 114.8
 141 38.5 27.8 41.6



#42
 2,4,6-Trichlorophenol
 Concen: 36.65 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.03 min
 Lab File: BF084304.D
 Acq: 7 Jan 2016 10:02

Tgt Ion:196 Resp: 438713
 Ion Ratio Lower Upper
 196 100
 198 102.7 77.7 116.5
 200 32.7 24.6 37.0

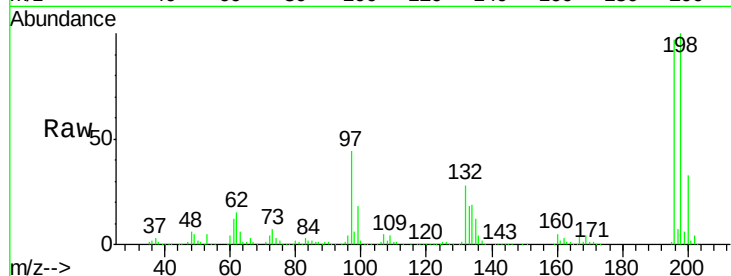




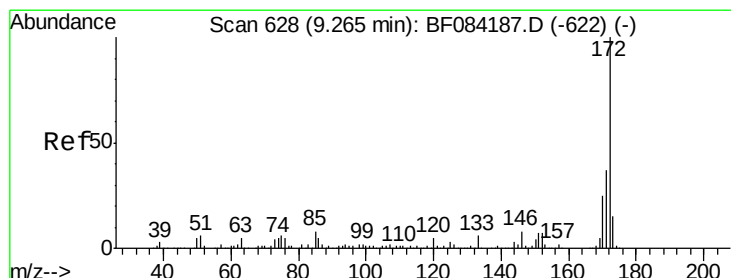
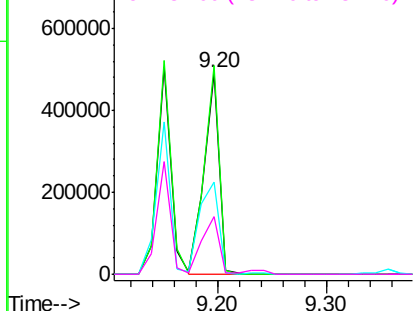
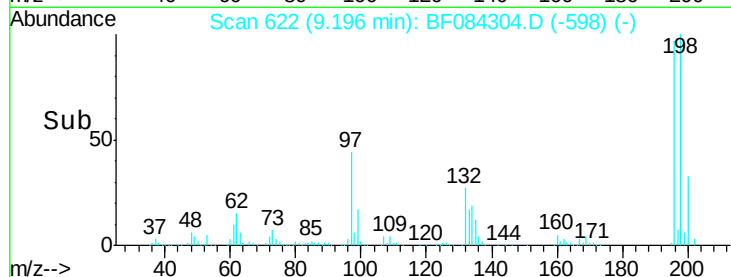
#43
 2,4,5-Trichlorophenol
 Concen: 41.68 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF084304.D
 Acq: 7 Jan 2016 10:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
196	100		
198	103.4	79.0	118.6
97	45.8	33.0	49.6
132	28.5	21.1	31.7

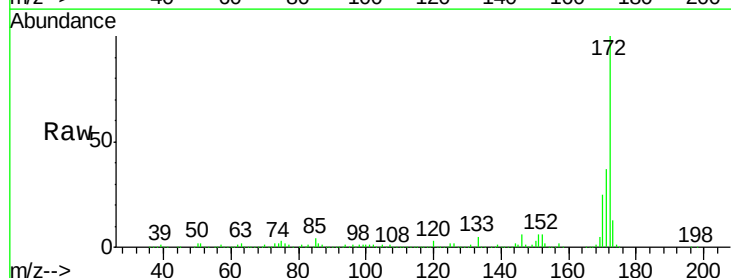


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

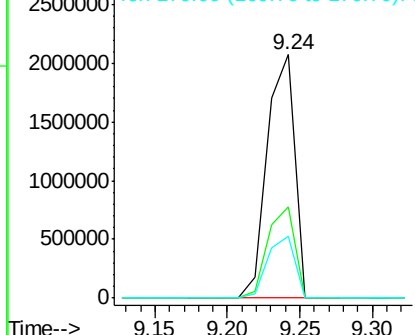
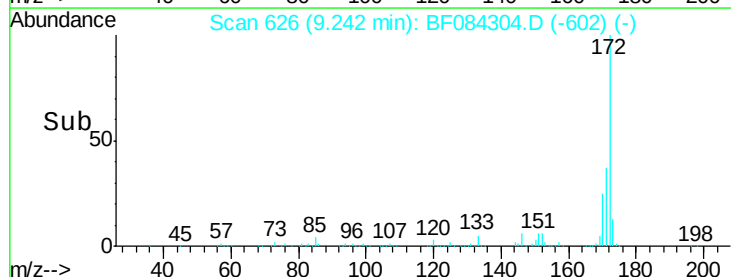


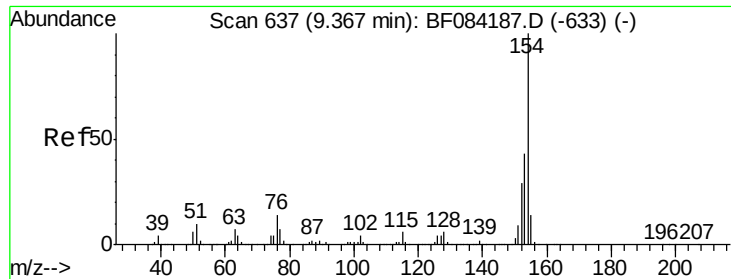
#44
 2-Fluorobiphenyl
 Concen: 85.98 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.02 min
 Lab File: BF084304.D
 Acq: 7 Jan 2016 10:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	28.9	43.3
170	25.5	18.6	27.8



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: 36.69 ng

RT: 9.33 min Scan# 634

Delta R.T. -0.03 min

Lab File: BF084304.D

Acq: 7 Jan 2016 10:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

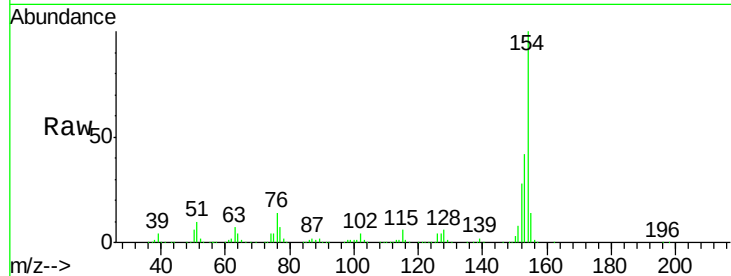
Tgt Ion:154 Resp: 1622651

Ion Ratio Lower Upper

154 100

153 42.2 21.6 61.6

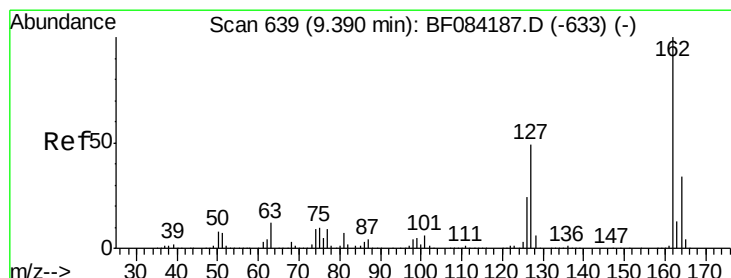
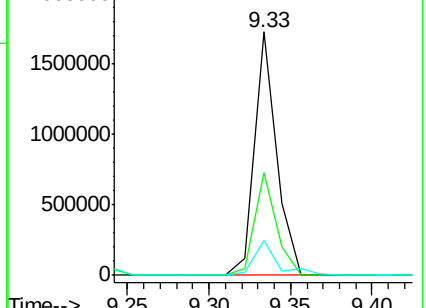
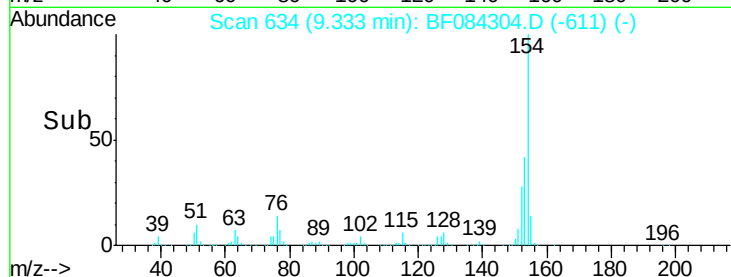
76 14.2 0.0 32.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 35.64 ng

RT: 9.36 min Scan# 636

Delta R.T. -0.03 min

Lab File: BF084304.D

Acq: 7 Jan 2016 10:02

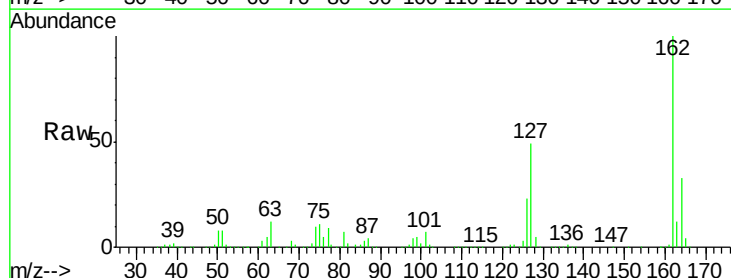
Tgt Ion:162 Resp: 1238124

Ion Ratio Lower Upper

162 100

127 49.3 40.2 60.4

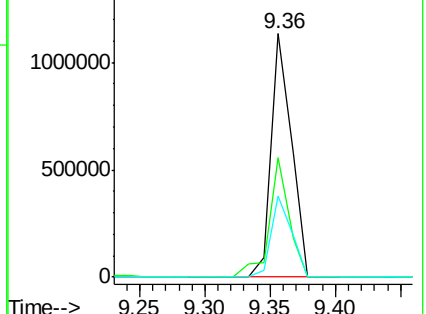
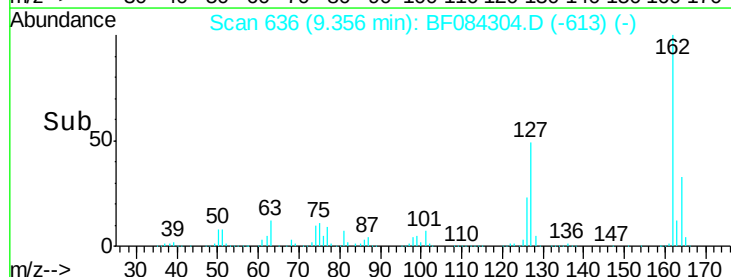
164 33.2 25.7 38.5

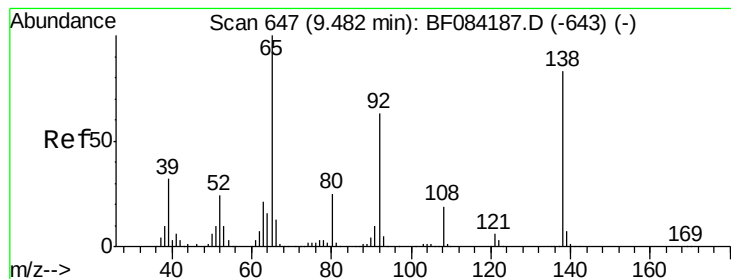


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 45.00 ng

RT: 9.46 min Scan# 645

Delta R.T. -0.02 min

Lab File: BF084304.D

Acq: 7 Jan 2016 10:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

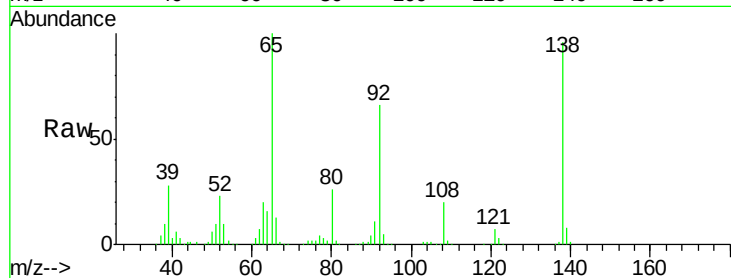
Tgt Ion: 65 Resp: 515961

Ion Ratio Lower Upper

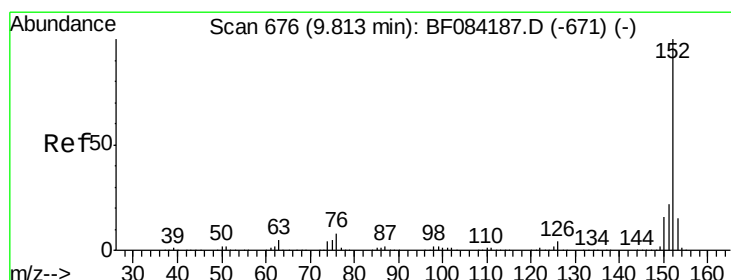
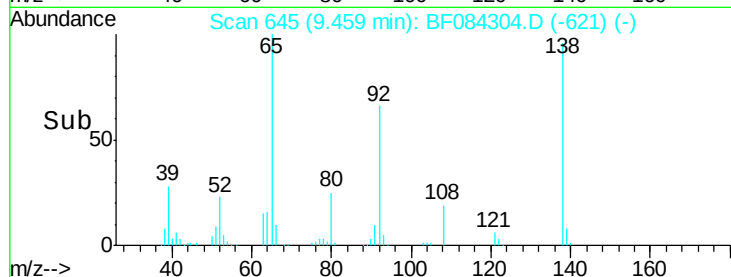
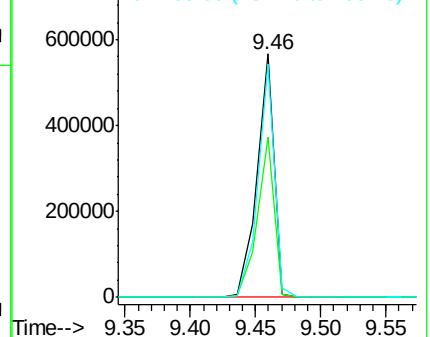
65 100

92 66.0 53.4 80.2

138 95.7 71.1 106.7



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): BF0



#48

Acenaphthylene

Concen: 41.58 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.03 min

Lab File: BF084304.D

Acq: 7 Jan 2016 10:02

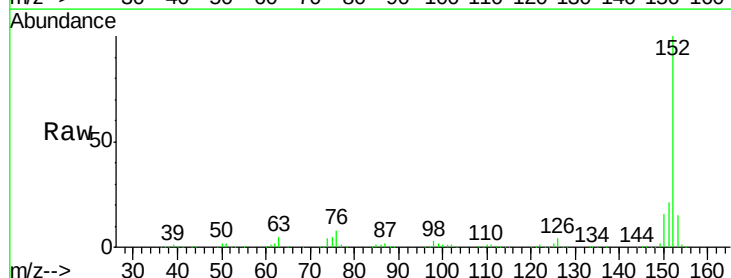
Tgt Ion: 152 Resp: 2134219

Ion Ratio Lower Upper

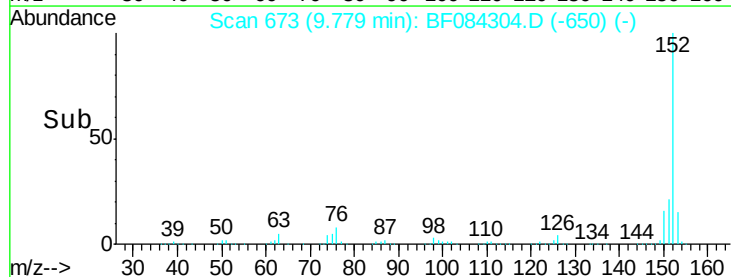
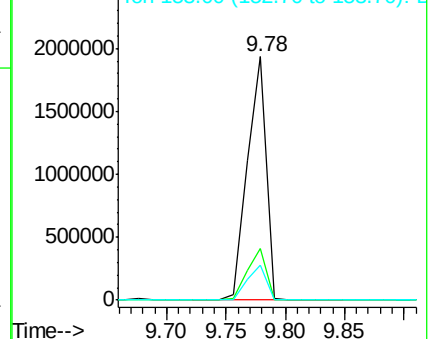
152 100

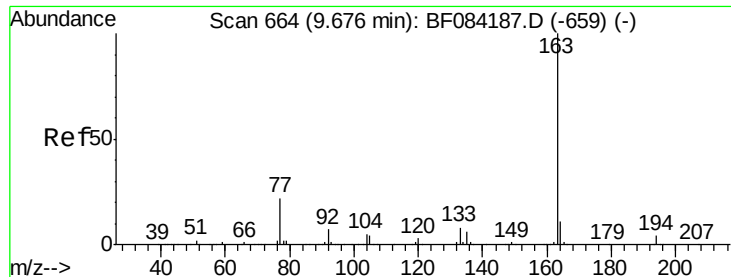
151 21.3 16.3 24.5

153 14.6 10.4 15.6



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: 37.24 ng

RT: 9.64 min Scan# 661

Delta R.T. -0.03 min

Lab File: BF084304.D

Acq: 7 Jan 2016 10:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

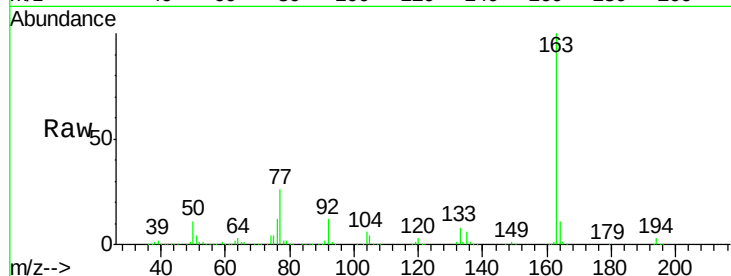
Tgt Ion:163 Resp: 1481689

Ion Ratio Lower Upper

163 100

194 3.3 8.0 12.0#

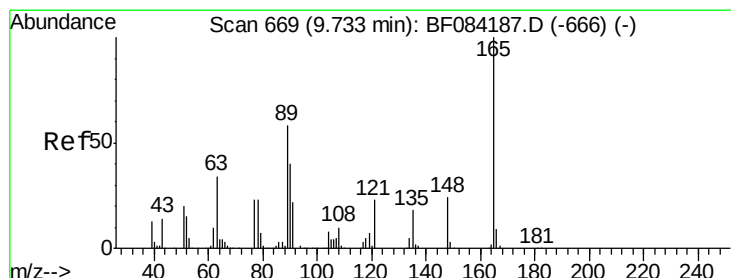
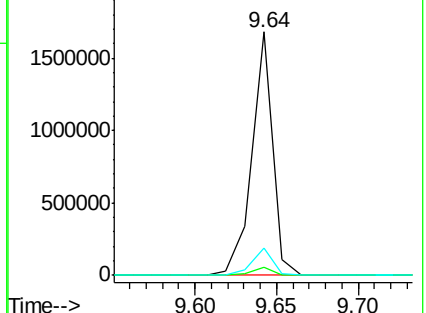
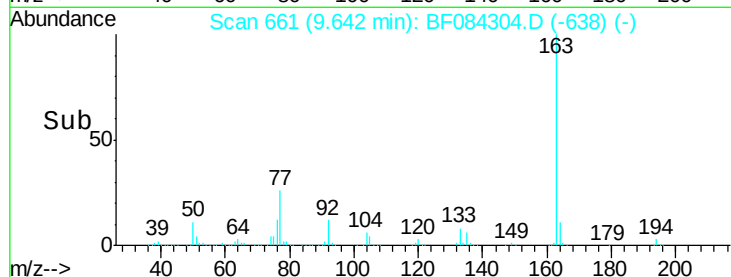
164 11.2 8.0 12.0



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: 36.55 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.03 min

Lab File: BF084304.D

Acq: 7 Jan 2016 10:02

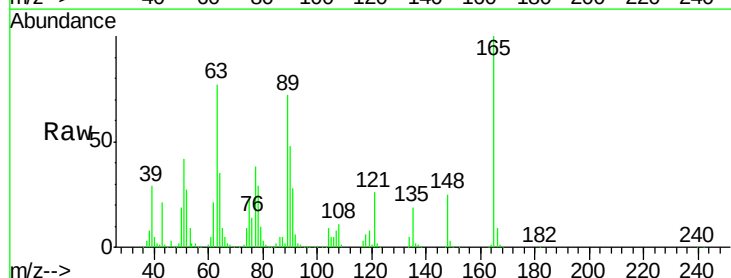
Tgt Ion:165 Resp: 318895

Ion Ratio Lower Upper

165 100

63 77.4 28.8 43.2#

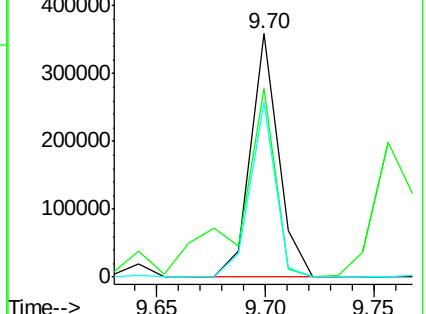
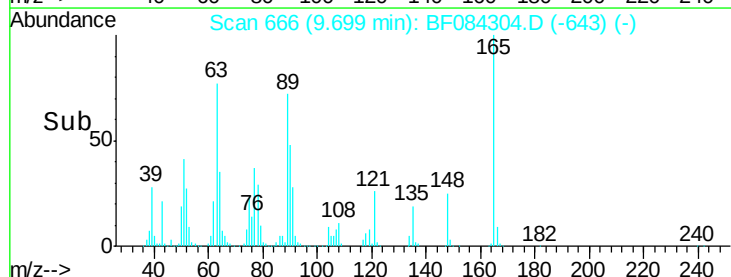
89 71.7 35.1 52.7#

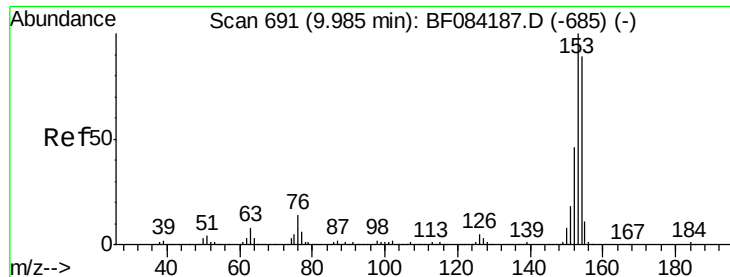


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.50 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.03 min

Lab File: BF084304.D

Acq: 7 Jan 2016 10:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

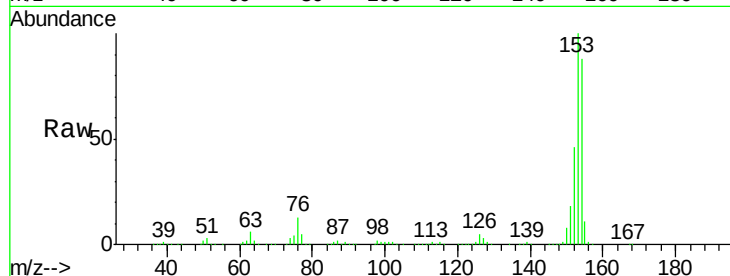
Tgt Ion:154 Resp: 1463280

Ion Ratio Lower Upper

154 100

153 113.2 91.5 137.3

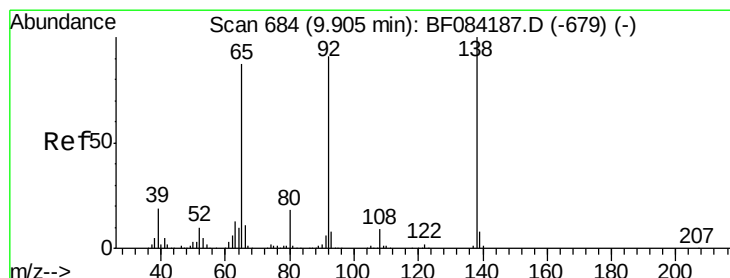
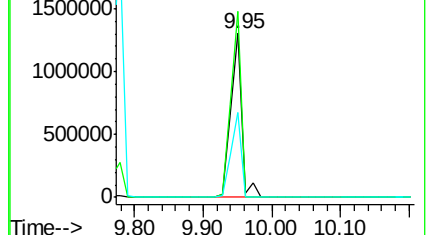
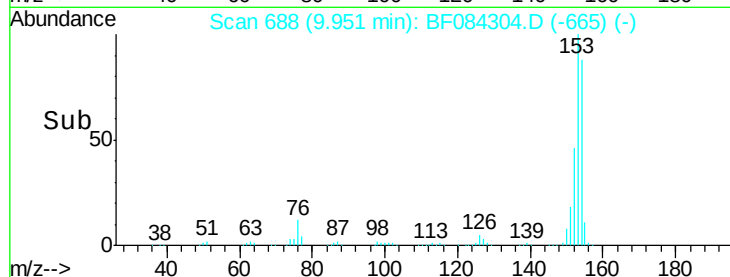
152 51.9 43.0 64.6



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: 34.50 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.03 min

Lab File: BF084304.D

Acq: 7 Jan 2016 10:02

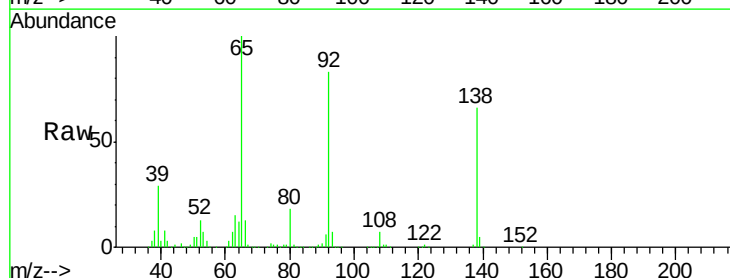
Tgt Ion:138 Resp: 373064

Ion Ratio Lower Upper

138 100

108 11.3 10.5 15.7

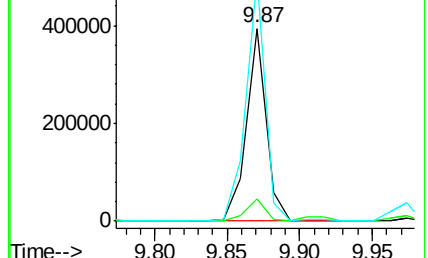
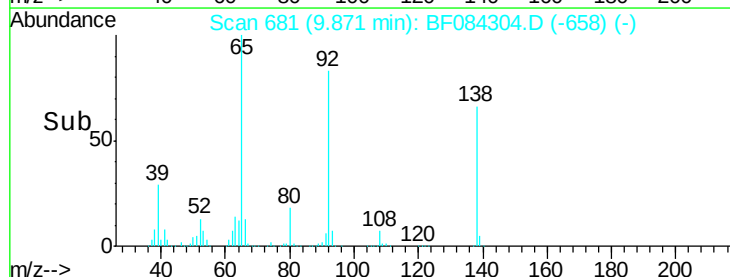
92 126.4 103.9 155.9

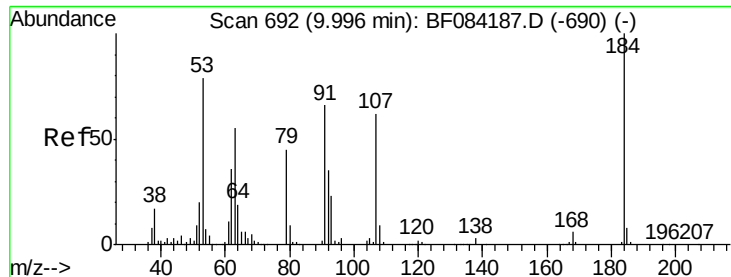


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

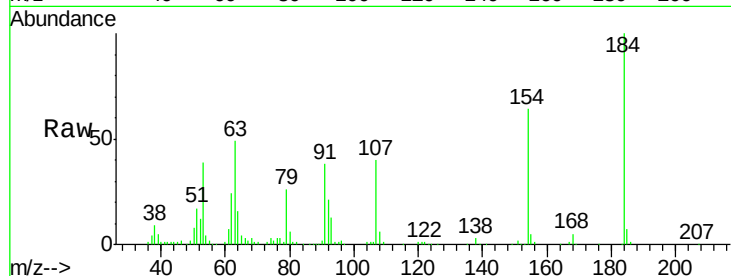




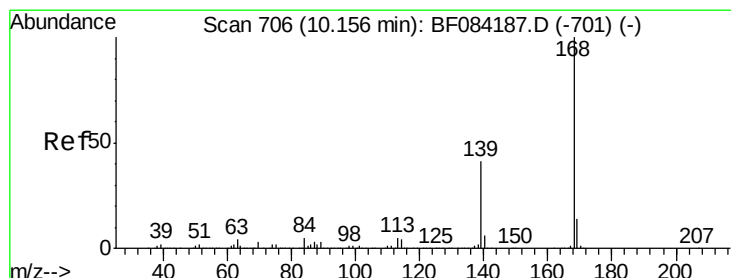
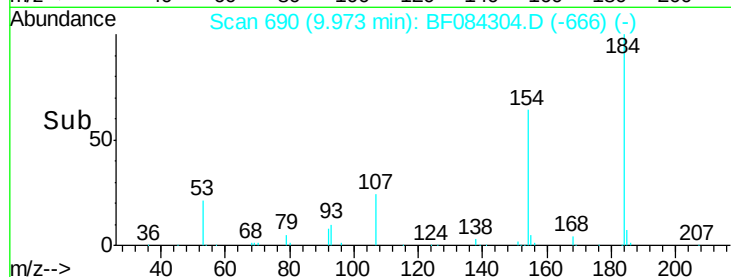
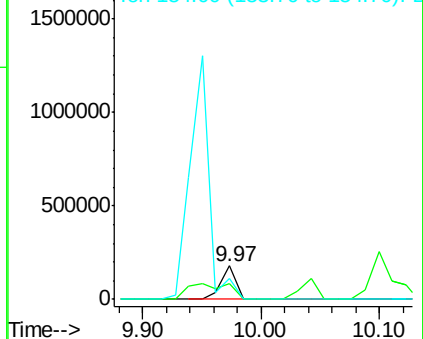
#53
2,4-Dinitrophenol
Concen: 43.40 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.02 min
Lab File: BF084304.D
Acq: 7 Jan 2016 10:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 154974
Ion Ratio Lower Upper
184 100
63 48.6 43.1 64.7
154 64.1 60.5 90.7

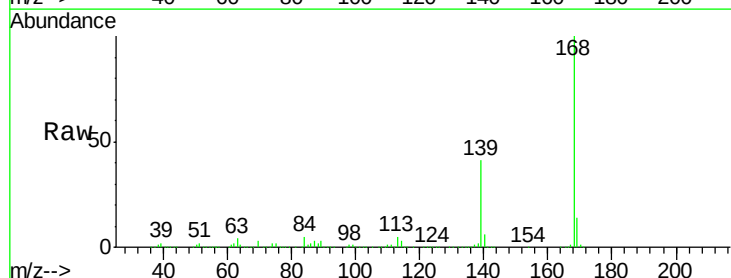


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

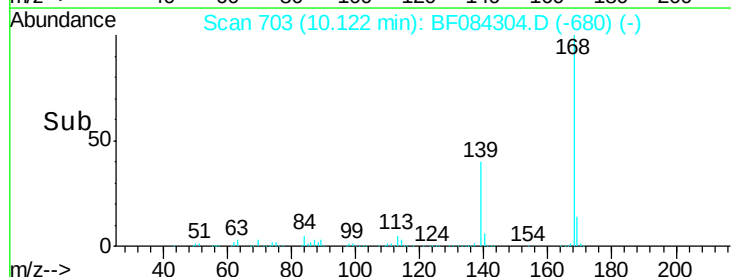
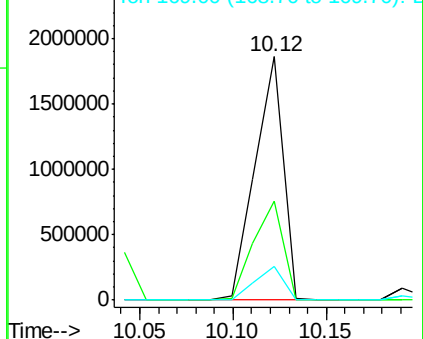


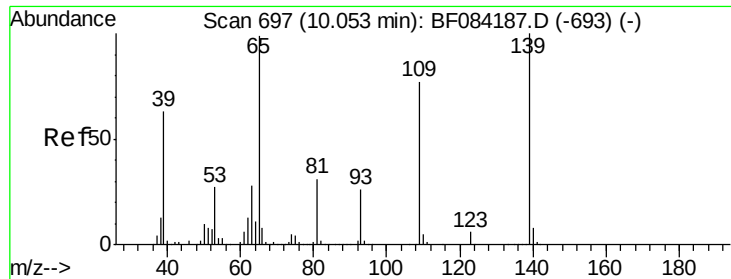
#54
Dibenzofuran
Concen: 43.32 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.03 min
Lab File: BF084304.D
Acq: 7 Jan 2016 10:02

Tgt Ion:168 Resp: 1936614
Ion Ratio Lower Upper
168 100
139 40.8 30.5 45.7
169 13.9 10.4 15.6



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: 42.91 ng

RT: 10.04 min Scan# 696

Delta R.T. -0.01 min

Lab File: BF084304.D

Acq: 7 Jan 2016 10:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

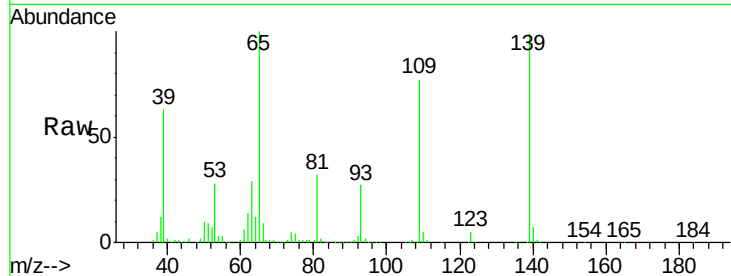
Tgt Ion:139 Resp: 336749

Ion Ratio Lower Upper

139 100

109 77.8 58.5 98.5

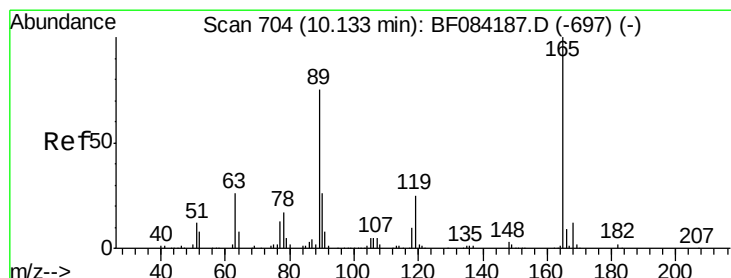
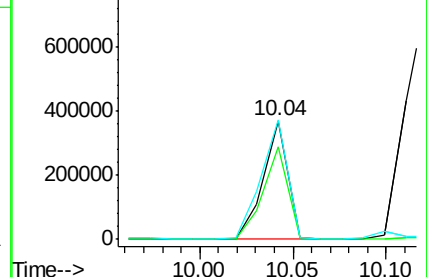
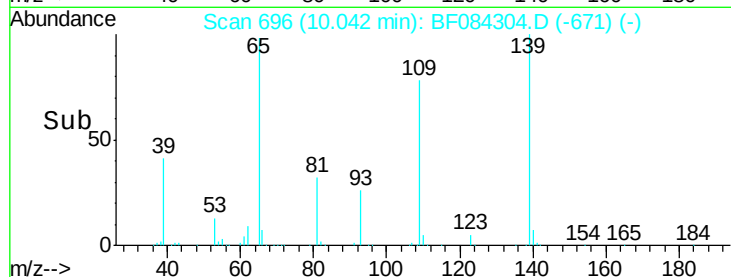
65 101.1 57.6 97.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 38.08 ng

RT: 10.10 min Scan# 701

Delta R.T. -0.03 min

Lab File: BF084304.D

Acq: 7 Jan 2016 10:02

Tgt Ion:165 Resp: 420497

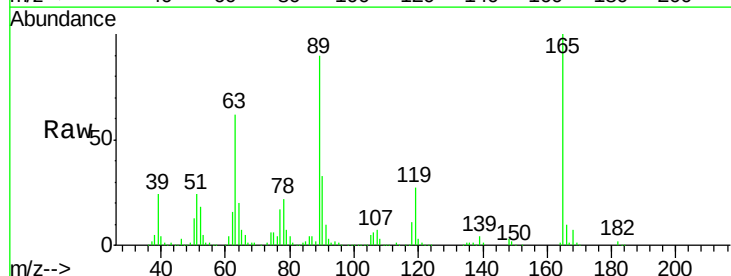
Ion Ratio Lower Upper

165 100

63 62.0 36.7 55.1#

89 89.6 61.9 92.9

182 2.0 2.0 3.0

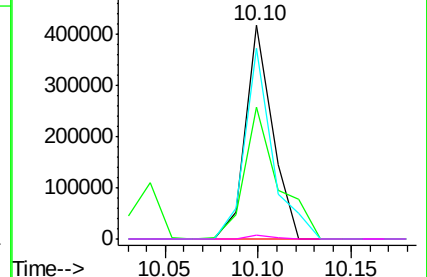
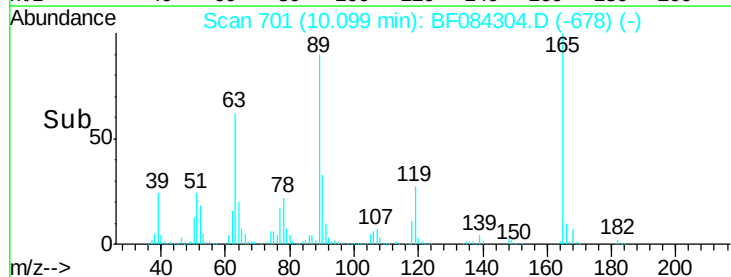


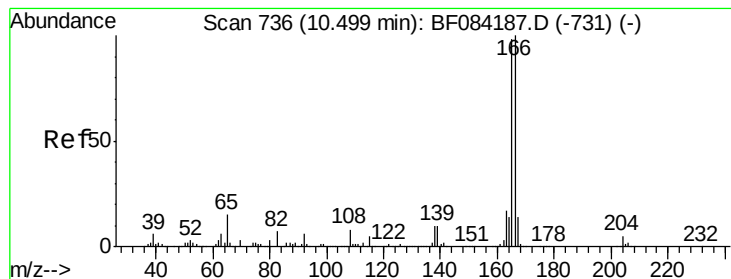
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 42.14 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.03 min

Lab File: BF084304.D

Acq: 7 Jan 2016 10:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

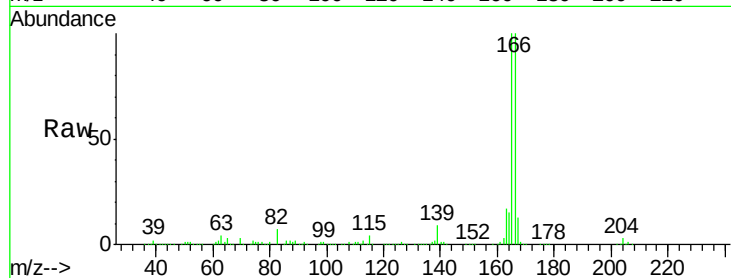
Tgt Ion:166 Resp: 1458058

Ion Ratio Lower Upper

166 100

165 99.8 79.1 118.7

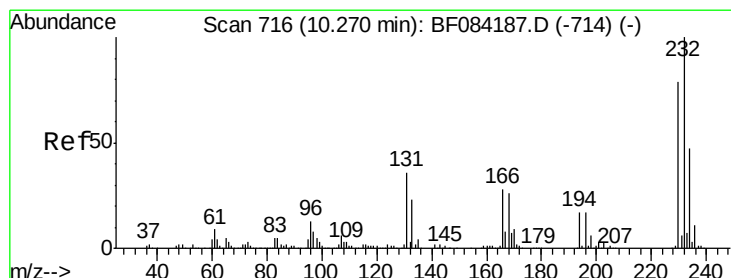
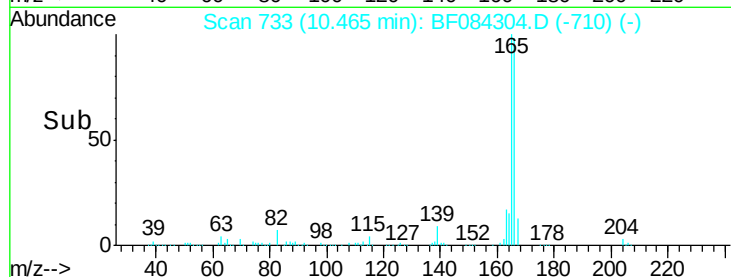
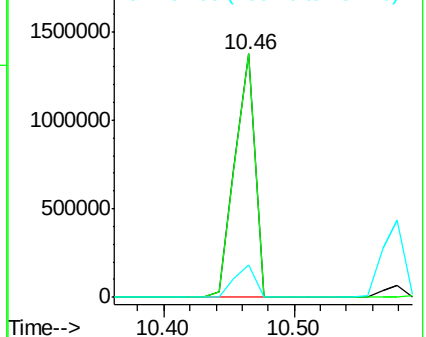
167 13.5 10.4 15.6



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: 36.88 ng

RT: 10.24 min Scan# 713

Delta R.T. -0.03 min

Lab File: BF084304.D

Acq: 7 Jan 2016 10:02

Tgt Ion:232 Resp: 361335

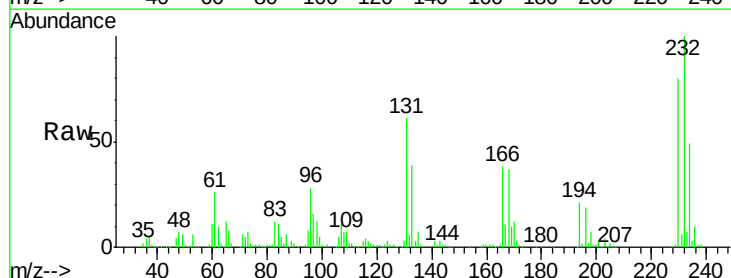
Ion Ratio Lower Upper

232 100

131 55.8 47.0 70.6

130 2.8 2.0 3.0

166 35.2 30.5 45.7

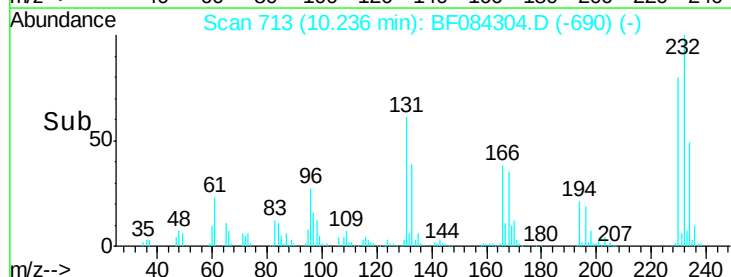
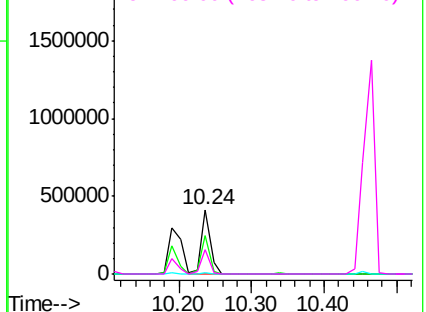


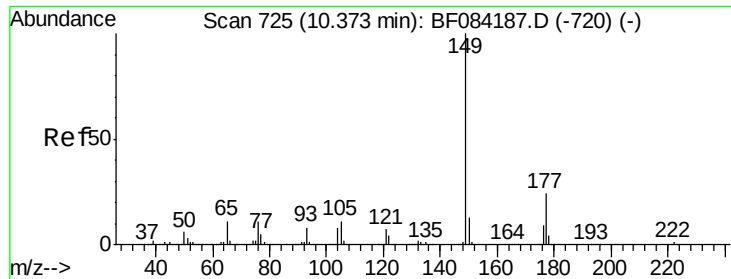
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

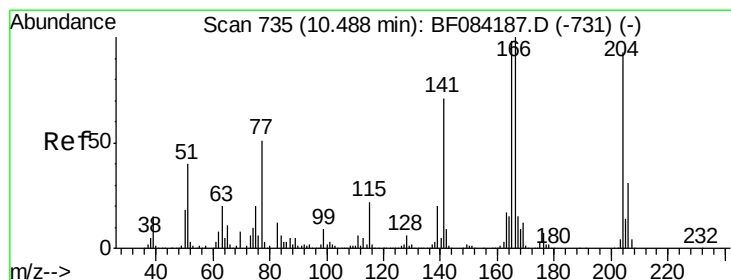
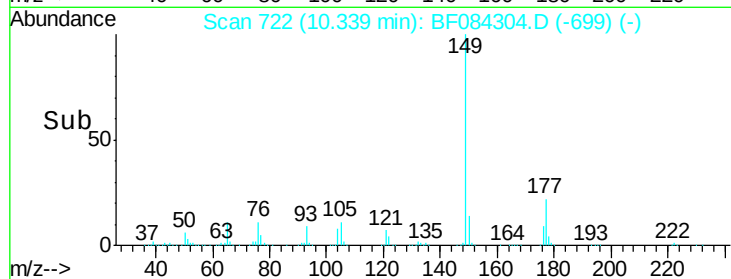
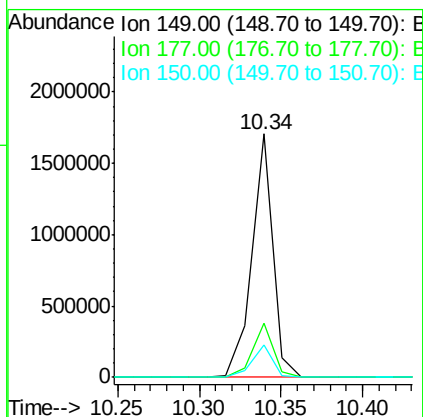
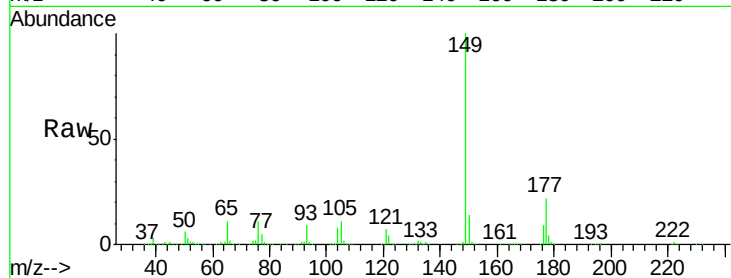




#59
Diethylphthalate
Concen: 38.67 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.03 min
Lab File: BF084304.D
Acq: 7 Jan 2016 10:02

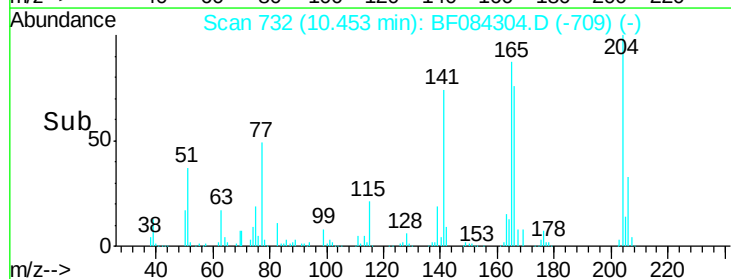
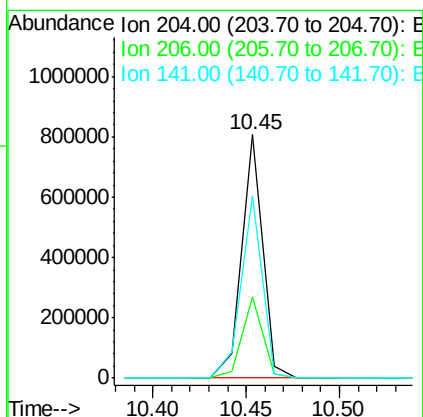
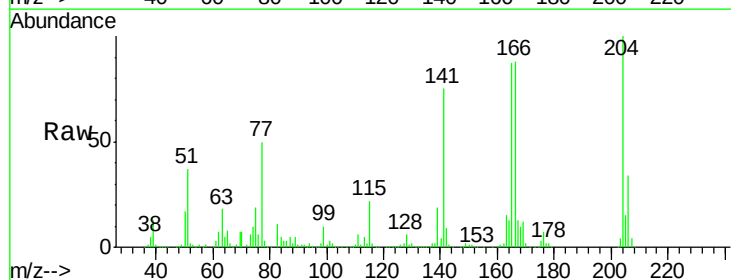
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

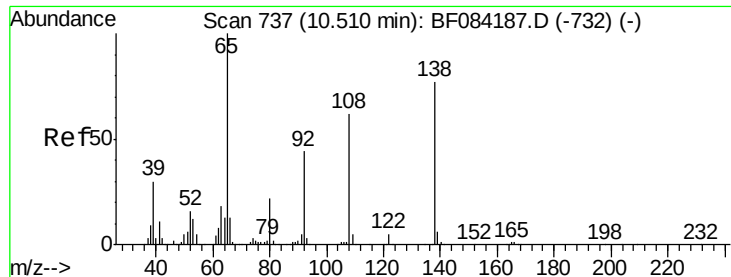
Tgt Ion:149 Resp: 1516731
Ion Ratio Lower Upper
149 100
177 22.5 17.3 25.9
150 13.5 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 43.51 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.03 min
Lab File: BF084304.D
Acq: 7 Jan 2016 10:02

Tgt Ion:204 Resp: 636801
Ion Ratio Lower Upper
204 100
206 33.5 25.7 38.5
141 74.8 55.1 82.7

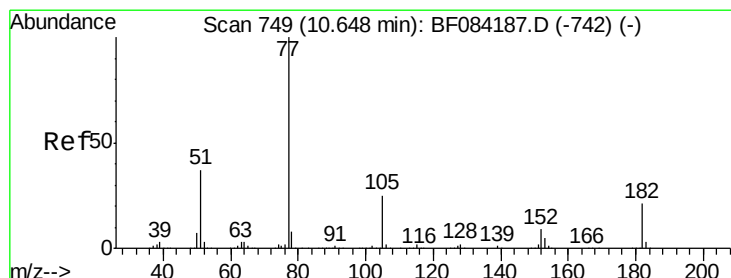
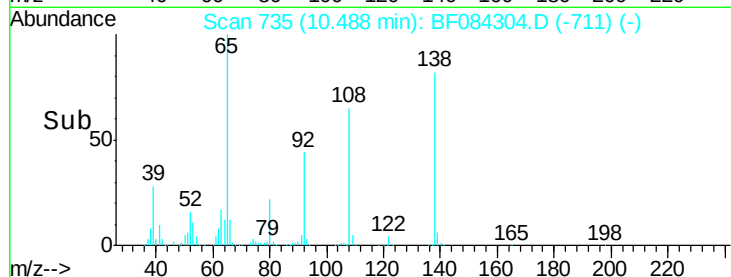
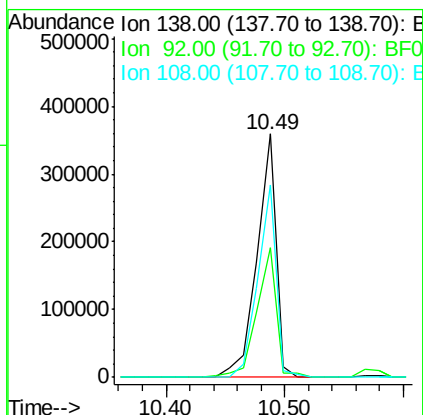
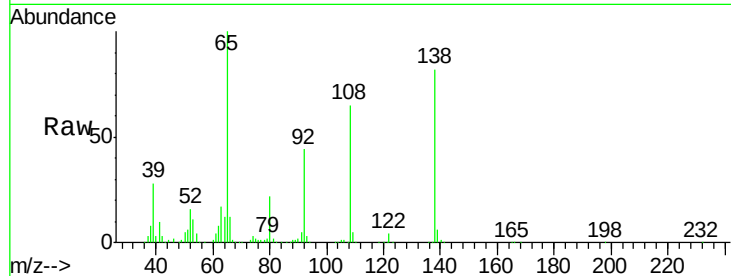




#61
4-Nitroaniline
Concen: 42.37 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF084304.D
Acq: 7 Jan 2016 10:02

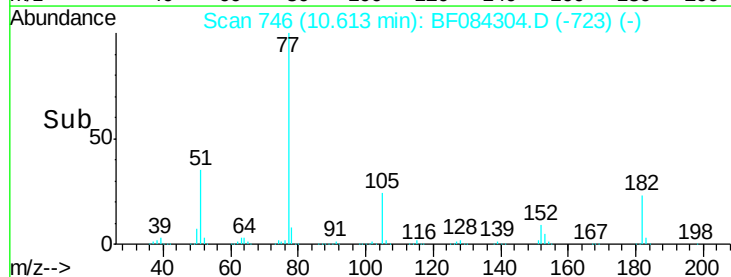
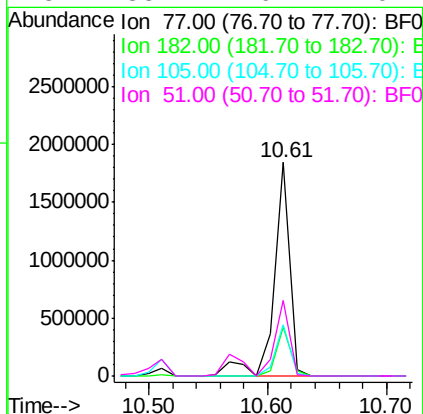
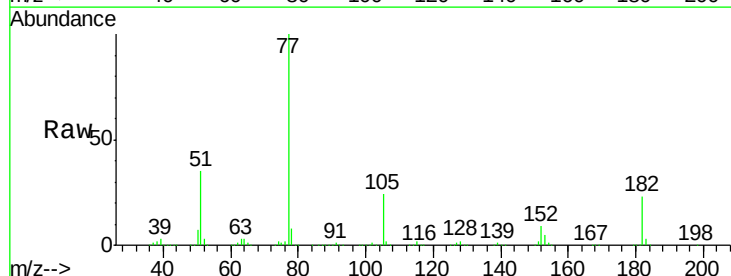
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

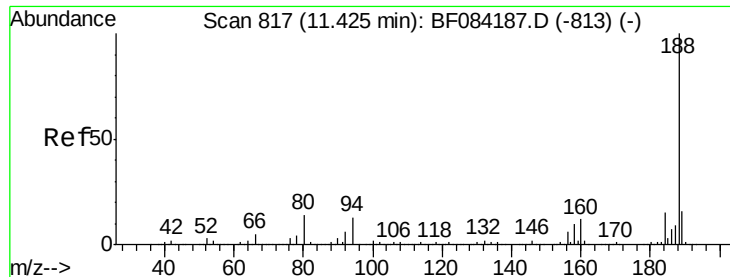
Tgt Ion:138 Resp: 408412
Ion Ratio Lower Upper
138 100
92 53.2 32.6 72.6
108 79.1 68.6 108.6



#62
Azobenzene
Concen: 39.76 ng
RT: 10.61 min Scan# 746
Delta R.T. -0.03 min
Lab File: BF084304.D
Acq: 7 Jan 2016 10:02

Tgt Ion: 77 Resp: 1710650
Ion Ratio Lower Upper
77 100
182 22.6 8.3 48.3
105 24.2 4.6 44.6
51 35.2 6.2 46.2

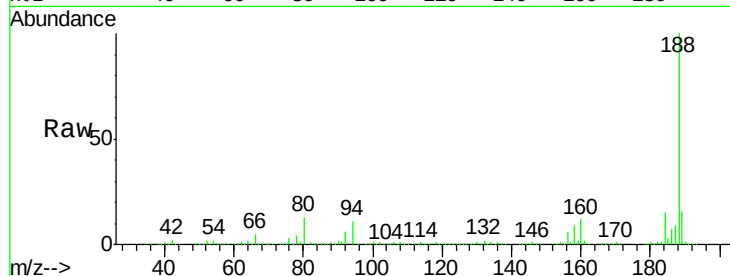




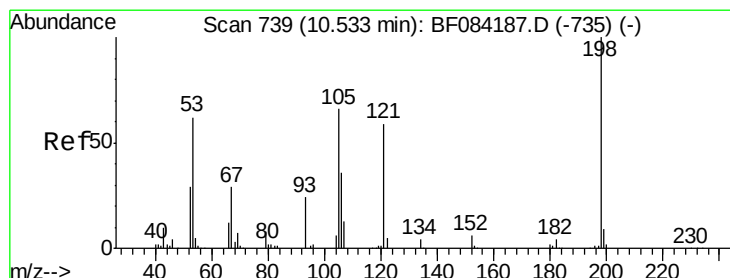
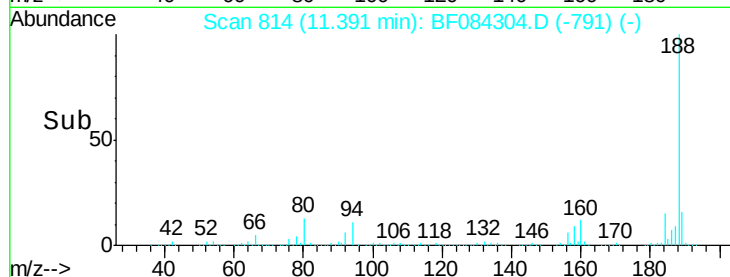
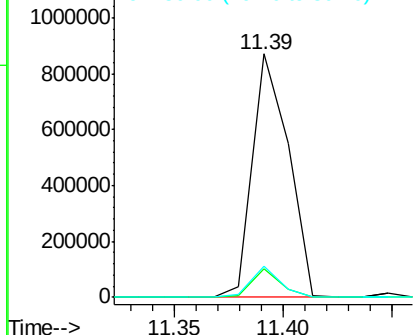
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.03 min
Lab File: BF084304.D
Acq: 7 Jan 2016 10:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:188 Resp: 1006203
Ion Ratio Lower Upper
188 100
94 11.5 9.0 13.4
80 12.6 9.6 14.4

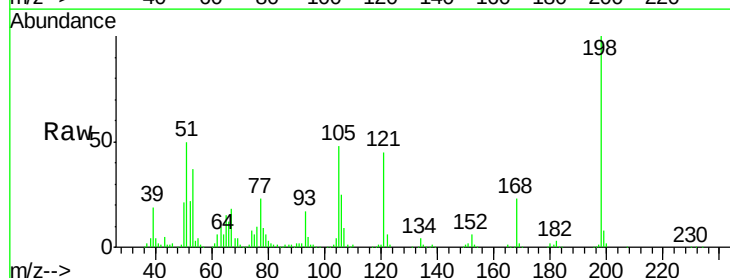


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

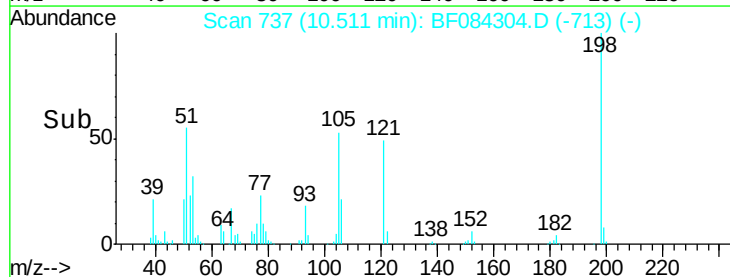
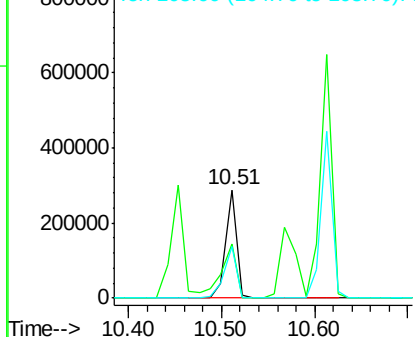


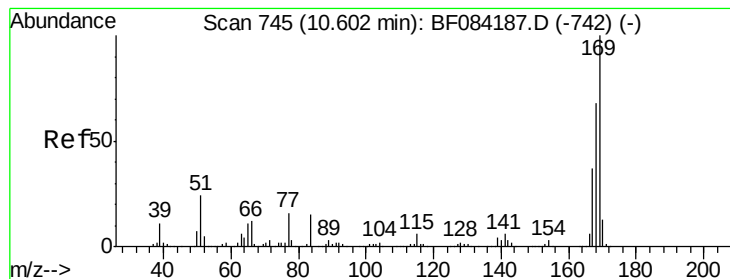
#64
4,6-Dinitro-2-methylphenol
Concen: 38.18 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.02 min
Lab File: BF084304.D
Acq: 7 Jan 2016 10:02

Tgt Ion:198 Resp: 234633
Ion Ratio Lower Upper
198 100
51 49.6 18.9 58.9
105 48.1 26.4 66.4



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 41.22 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF084304.D

Acq: 7 Jan 2016 10:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

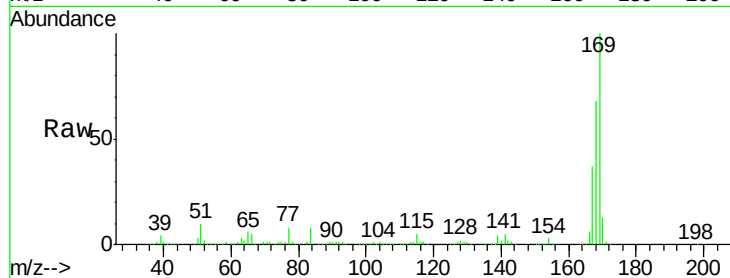
Tgt Ion:169 Resp: 1326119

Ion Ratio Lower Upper

169 100

168 67.8 55.1 82.7

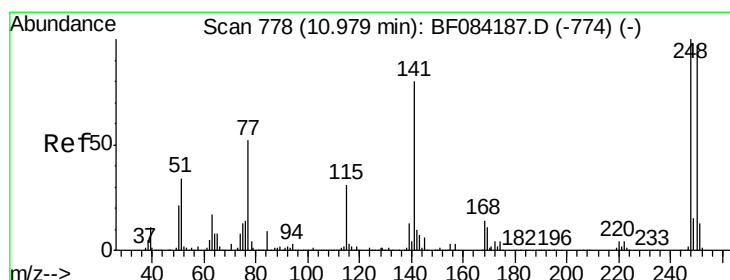
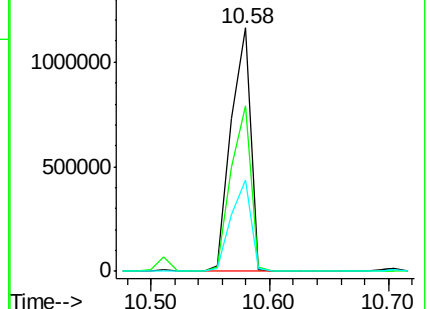
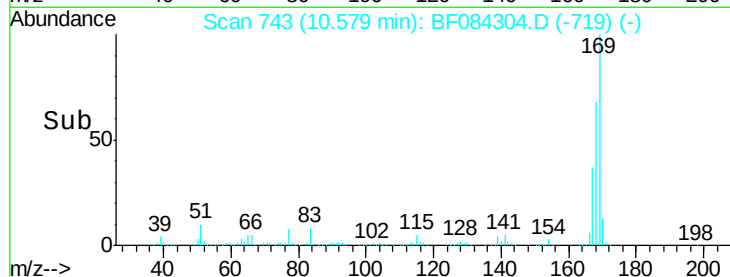
167 37.3 30.0 45.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.66 ng

RT: 10.94 min Scan# 775

Delta R.T. -0.03 min

Lab File: BF084304.D

Acq: 7 Jan 2016 10:02

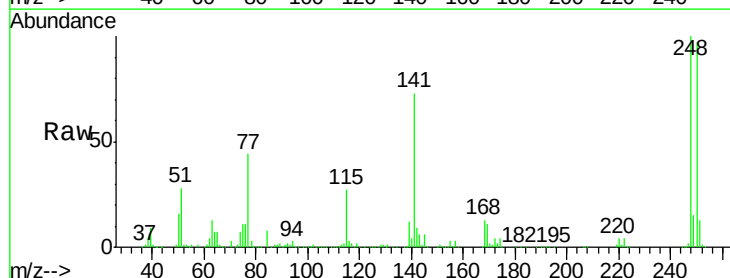
Tgt Ion:248 Resp: 451130

Ion Ratio Lower Upper

248 100

250 96.8 78.4 117.6

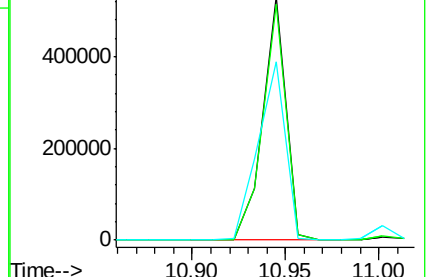
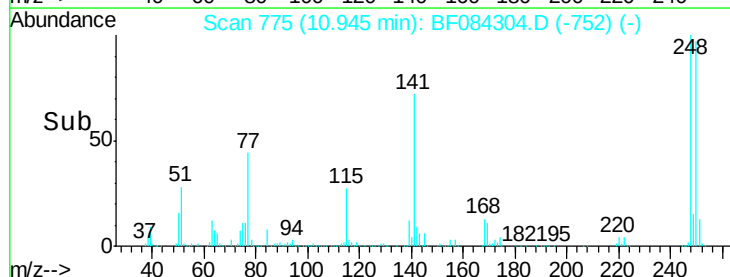
141 73.0 44.0 66.0#

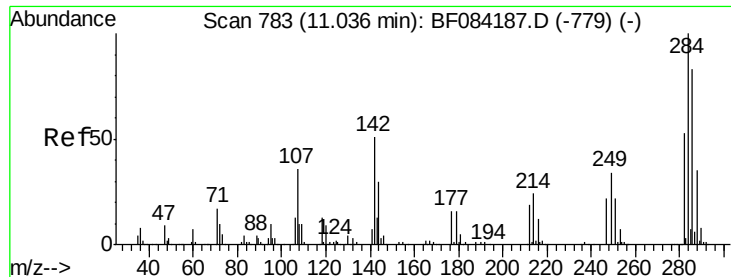


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 37.75 ng

RT: 11.00 min Scan# 780

Delta R.T. -0.03 min

Lab File: BF084304.D

Acq: 7 Jan 2016 10:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

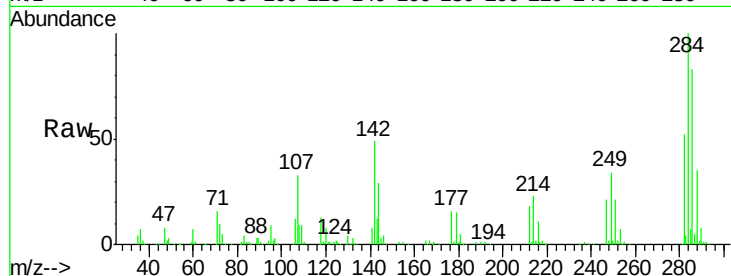
Tgt Ion:284 Resp: 460102

Ion Ratio Lower Upper

284 100

142 48.5 22.2 33.4#

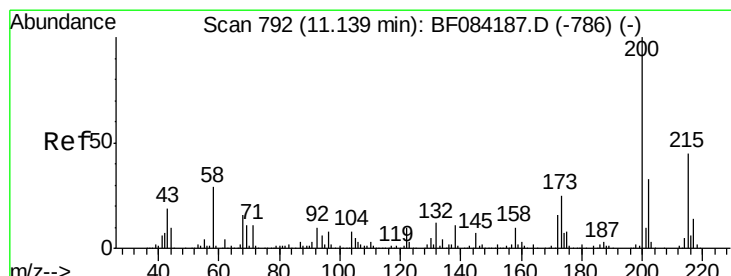
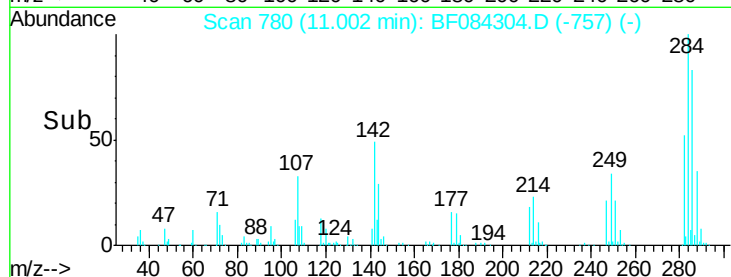
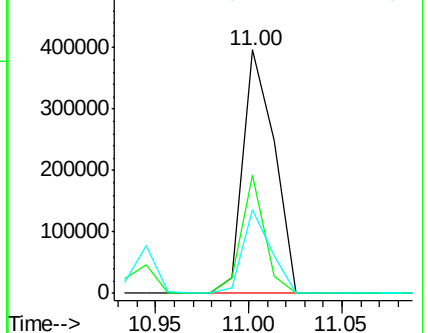
249 34.3 24.6 37.0



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: 38.70 ng

RT: 11.10 min Scan# 789

Delta R.T. -0.03 min

Lab File: BF084304.D

Acq: 7 Jan 2016 10:02

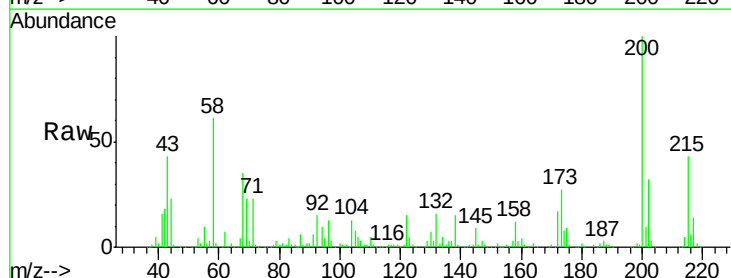
Tgt Ion:200 Resp: 407408

Ion Ratio Lower Upper

200 100

173 26.9 9.5 49.5

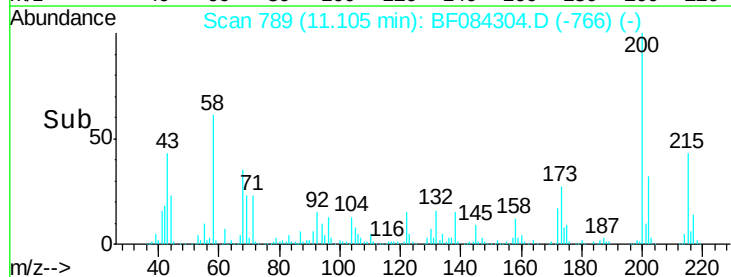
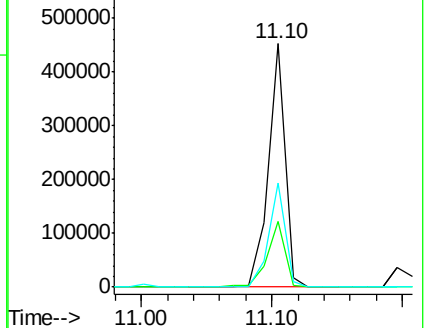
215 42.8 23.8 63.8

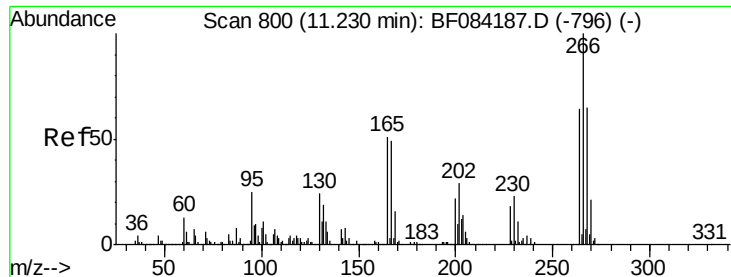


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

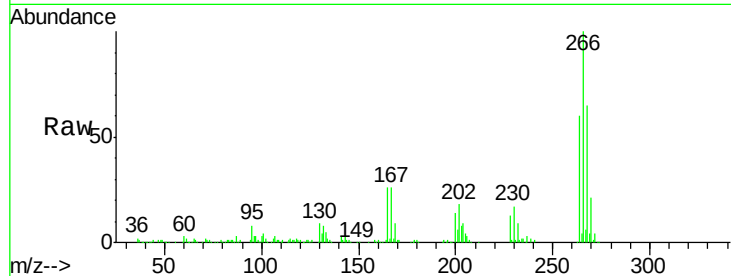




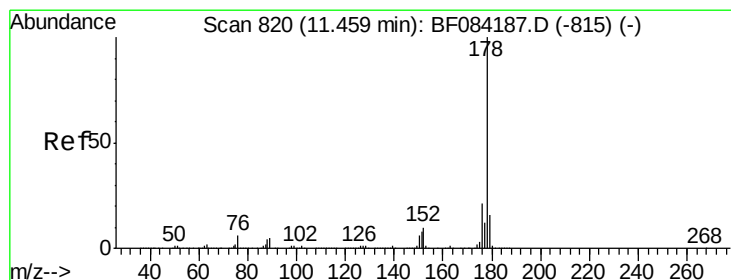
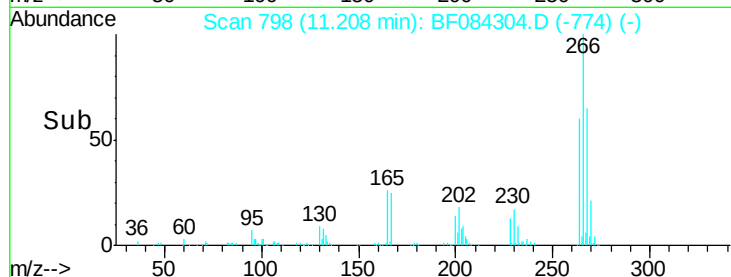
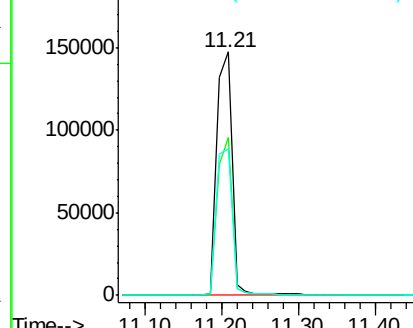
#69
 Pentachlorophenol
 Concen: 32.31 ng
 RT: 11.21 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BF084304.D
 Acq: 7 Jan 2016 10:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 266 Resp: 204199
 Ion Ratio Lower Upper
 266 100
 268 65.0 52.4 78.6
 264 60.1 50.2 75.2

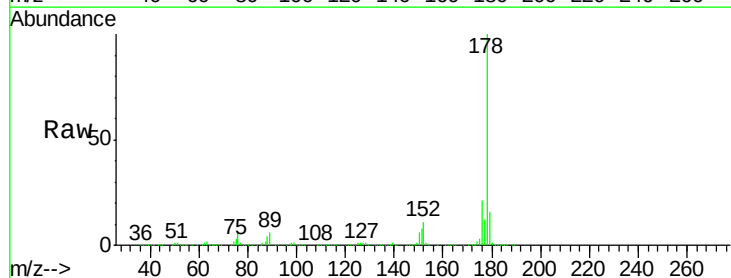


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

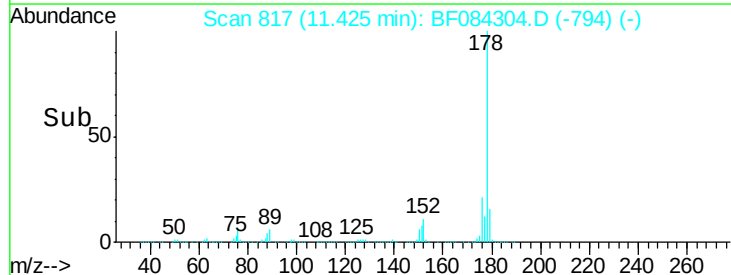
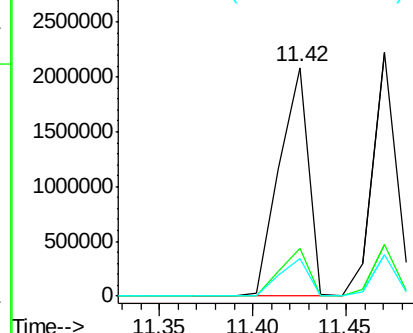


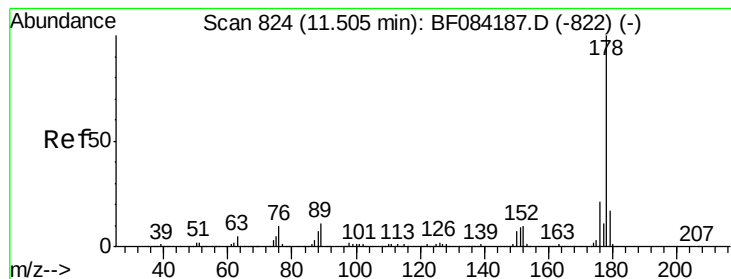
#70
 Phenanthrene
 Concen: 42.88 ng
 RT: 11.42 min Scan# 817
 Delta R.T. -0.03 min
 Lab File: BF084304.D
 Acq: 7 Jan 2016 10:02

Tgt Ion: 178 Resp: 2256658
 Ion Ratio Lower Upper
 178 100
 176 20.9 15.3 22.9
 179 16.3 12.0 18.0



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: 37.79 ng

RT: 11.47 min Scan# 821

Delta R.T. -0.03 min

Lab File: BF084304.D

Acq: 7 Jan 2016 10:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

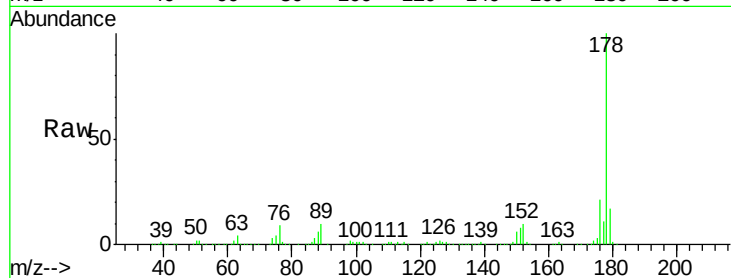
Tgt Ion:178 Resp: 1949860

Ion Ratio Lower Upper

178 100

176 21.1 15.4 23.0

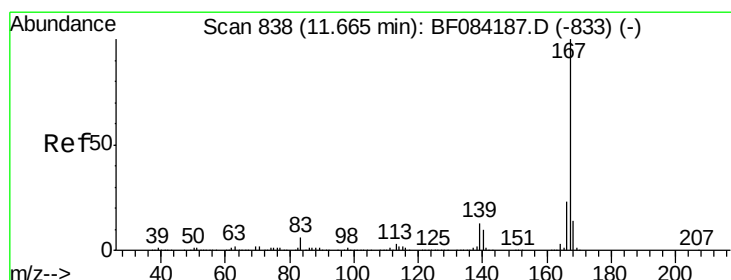
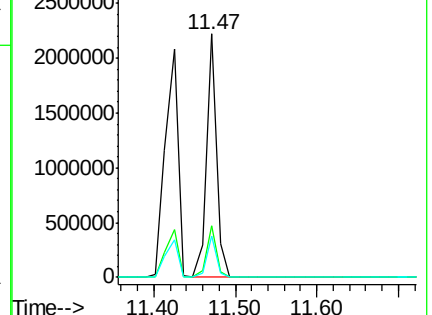
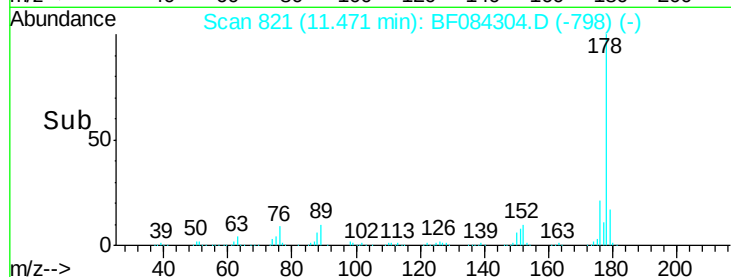
179 16.8 12.5 18.7



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: 37.69 ng

RT: 11.63 min Scan# 835

Delta R.T. -0.03 min

Lab File: BF084304.D

Acq: 7 Jan 2016 10:02

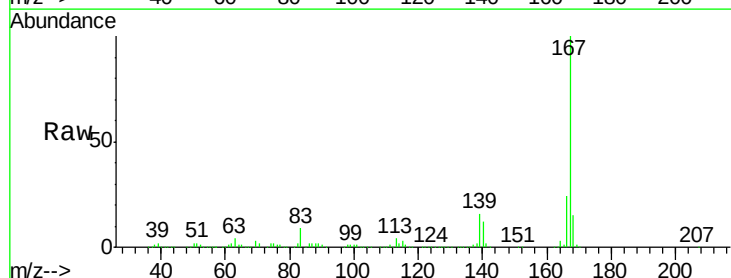
Tgt Ion:167 Resp: 1901217

Ion Ratio Lower Upper

167 100

166 23.6 17.6 26.4

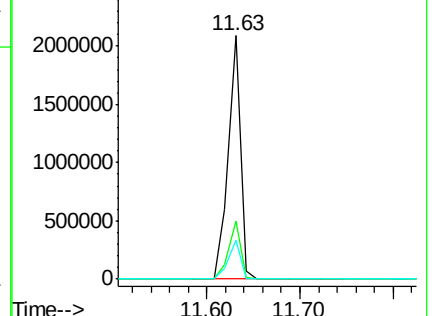
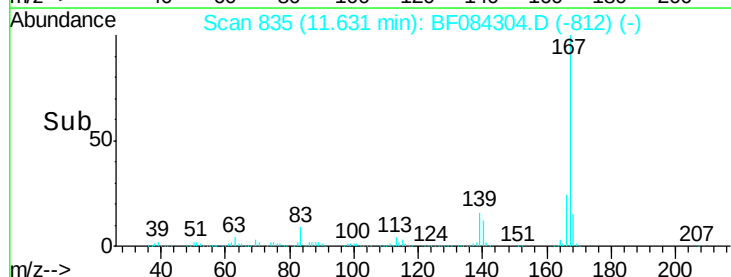
139 15.9 11.8 17.8

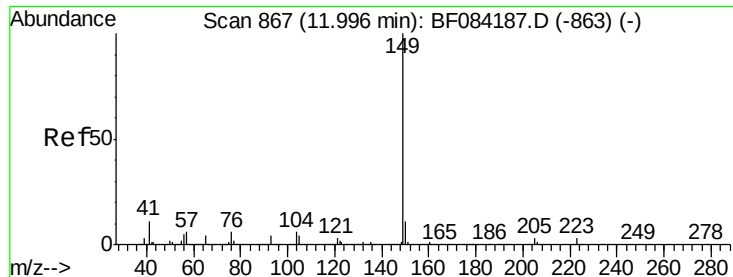


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.15 ng

RT: 11.96 min Scan# 864

Delta R.T. -0.03 min

Lab File: BF084304.D

Acq: 7 Jan 2016 10:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

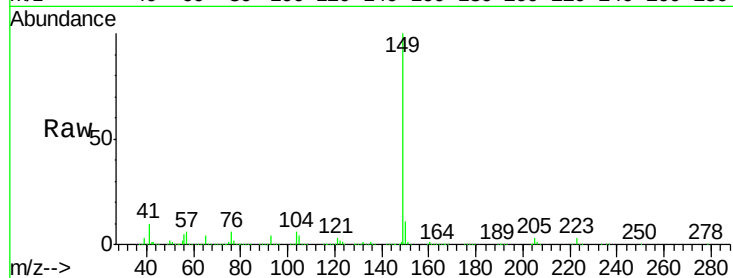
Tgt Ion:149 Resp: 2214262

Ion Ratio Lower Upper

149 100

150 10.5 7.1 10.7

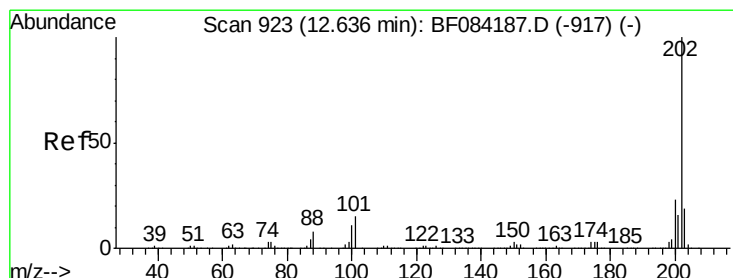
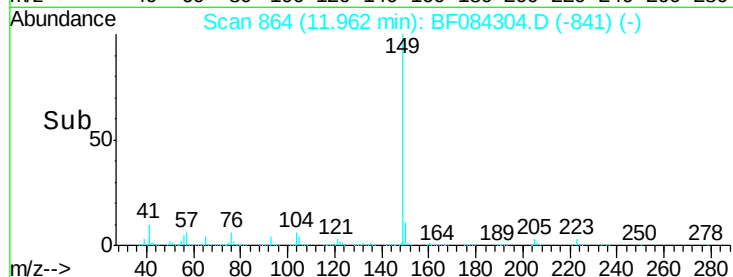
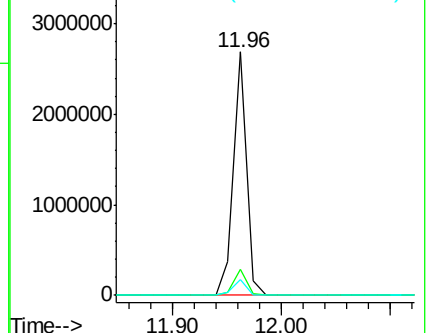
104 6.4 3.2 4.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.41 ng

RT: 12.60 min Scan# 920

Delta R.T. -0.03 min

Lab File: BF084304.D

Acq: 7 Jan 2016 10:02

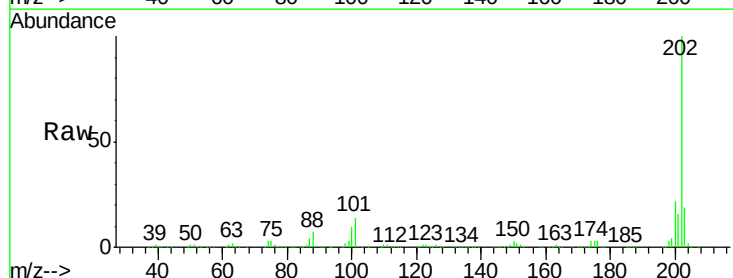
Tgt Ion:202 Resp: 2111888

Ion Ratio Lower Upper

202 100

101 14.3 0.0 32.8

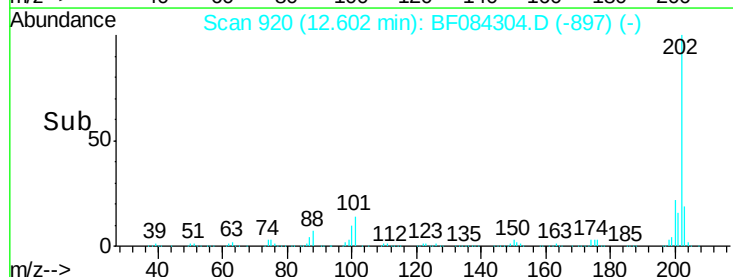
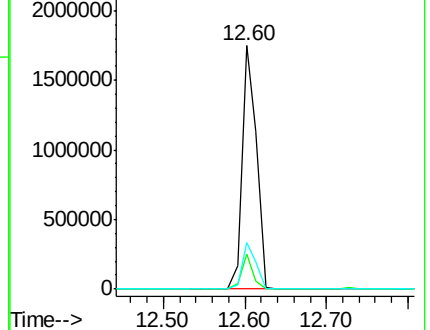
203 19.1 0.0 37.9

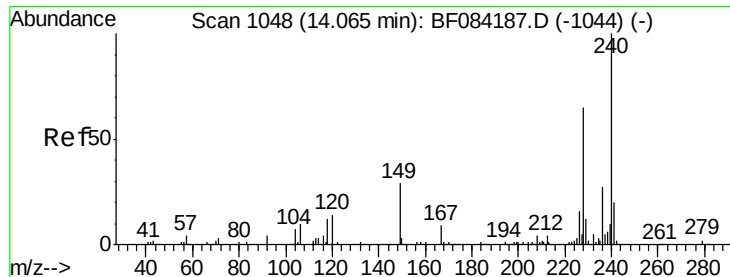


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1045

Delta R.T. -0.03 min

Lab File: BF084304.D

Acq: 7 Jan 2016 10:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

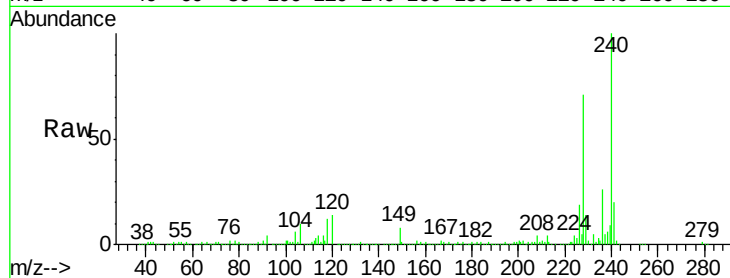
Tgt Ion:240 Resp: 779266

Ion Ratio Lower Upper

240 100

120 14.1 9.5 14.3

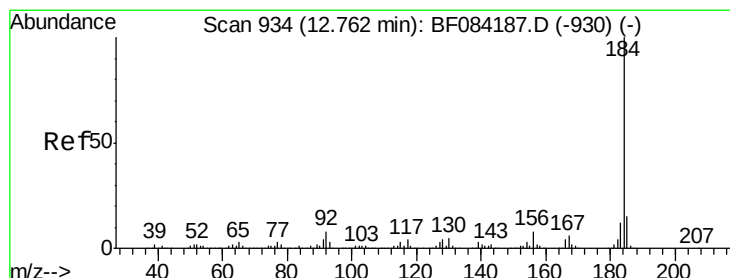
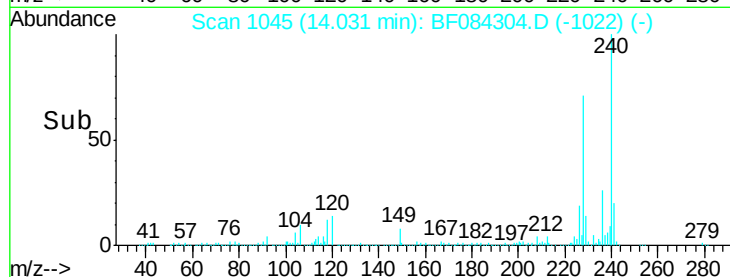
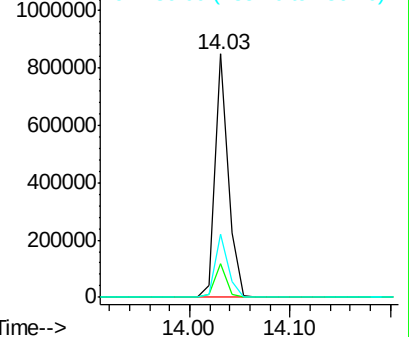
236 25.9 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 34.08 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.03 min

Lab File: BF084304.D

Acq: 7 Jan 2016 10:02

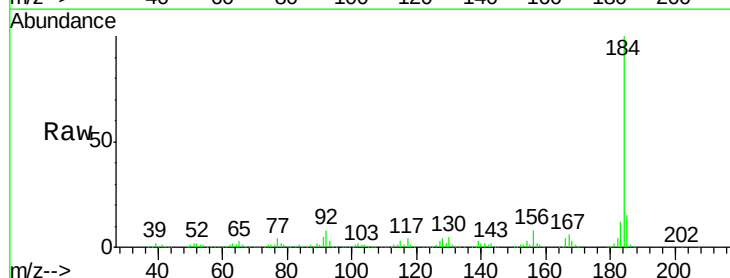
Tgt Ion:184 Resp: 952254

Ion Ratio Lower Upper

184 100

185 15.3 12.2 18.2

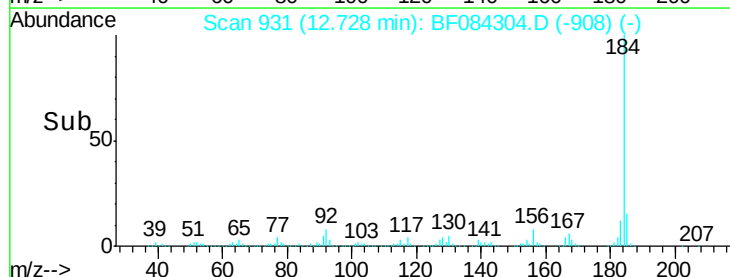
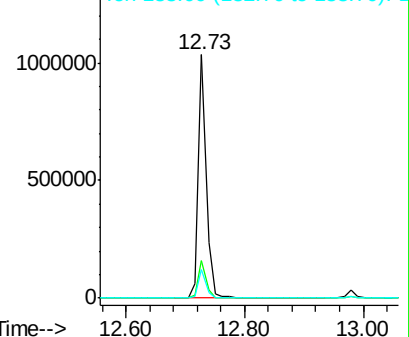
183 12.0 9.8 14.8

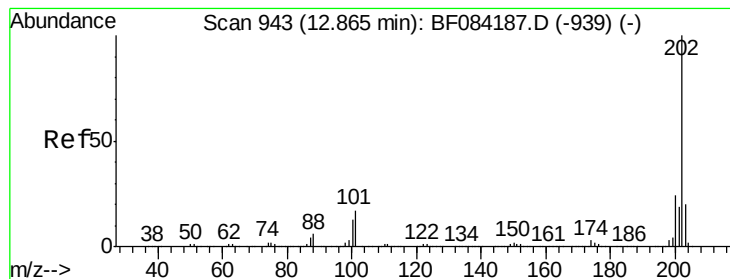


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 35.63 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.03 min

Lab File: BF084304.D

Acq: 7 Jan 2016 10:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

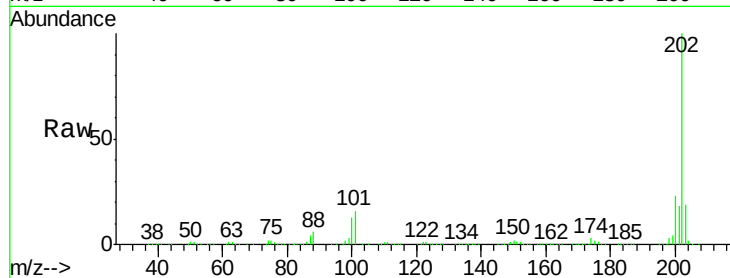
Tgt Ion:202 Resp: 2178823

Ion Ratio Lower Upper

202 100

200 22.6 17.2 25.8

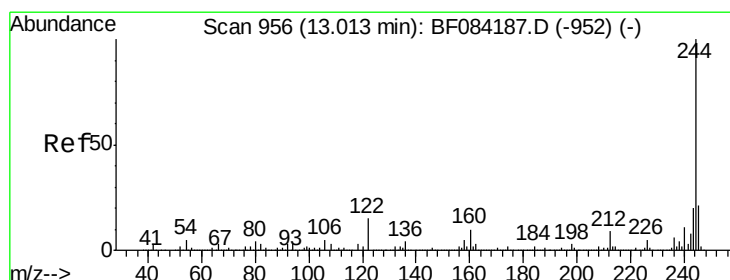
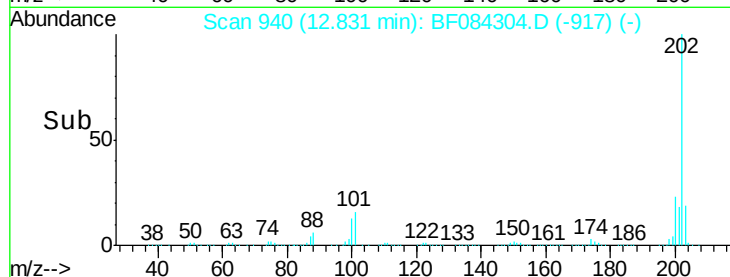
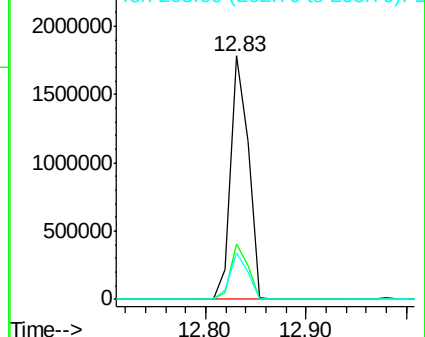
203 19.3 14.3 21.5



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: 68.07 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.03 min

Lab File: BF084304.D

Acq: 7 Jan 2016 10:02

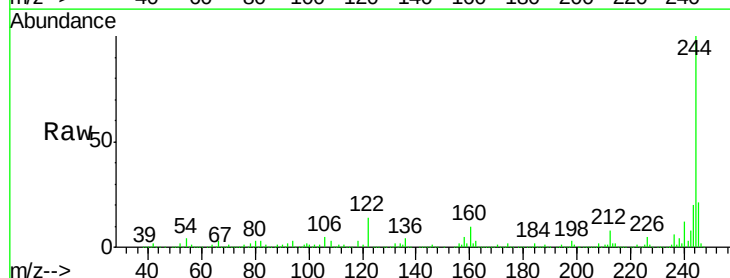
Tgt Ion:244 Resp: 2376200

Ion Ratio Lower Upper

244 100

212 8.5 5.7 8.5

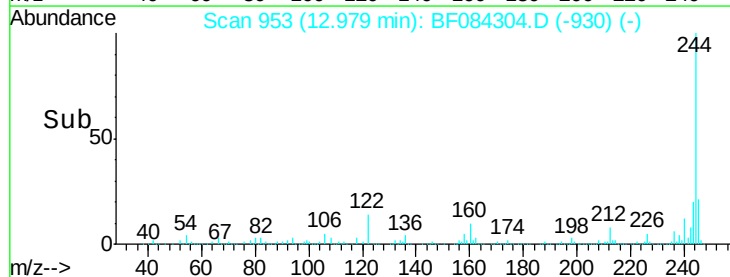
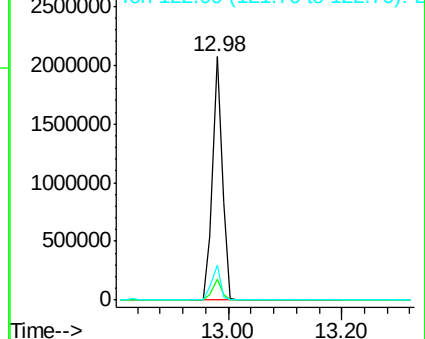
122 14.2 7.4 11.0#

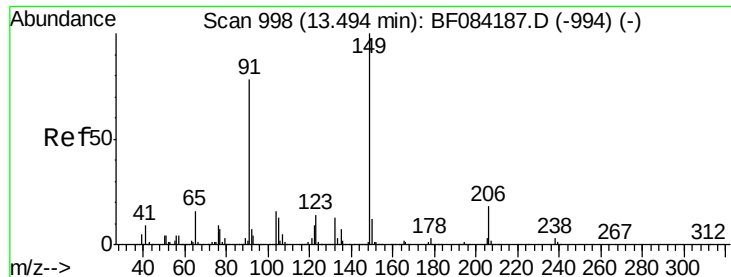


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

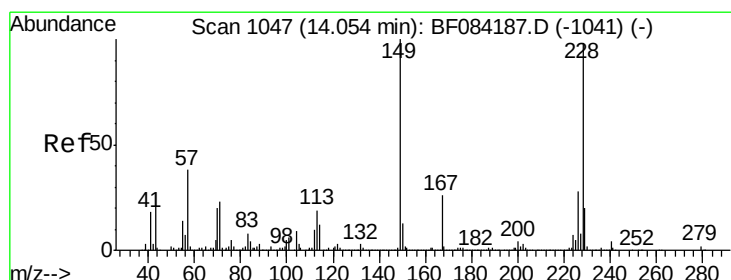
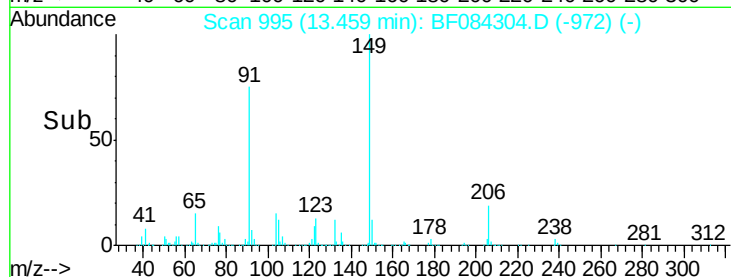
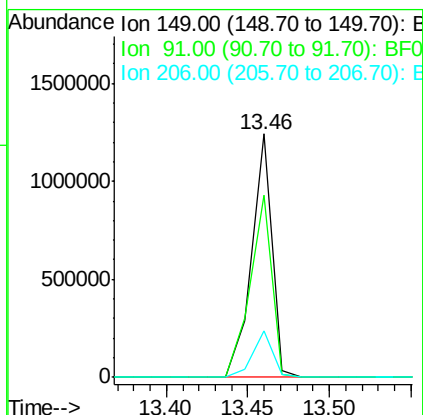
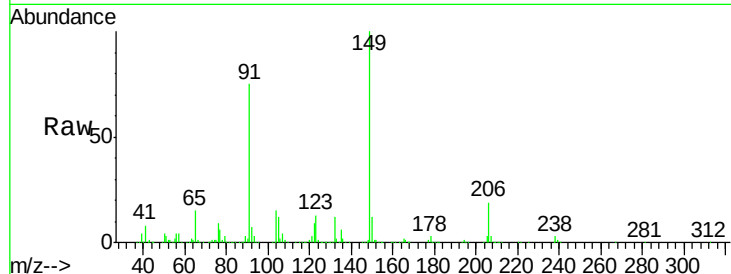




#79
Butylbenzylphthalate
Concen: 40.83 ng
RT: 13.46 min Scan# 995
Delta R.T. -0.03 min
Lab File: BF084304.D
Acq: 7 Jan 2016 10:02

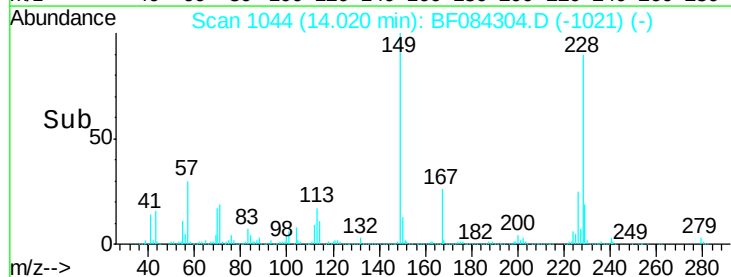
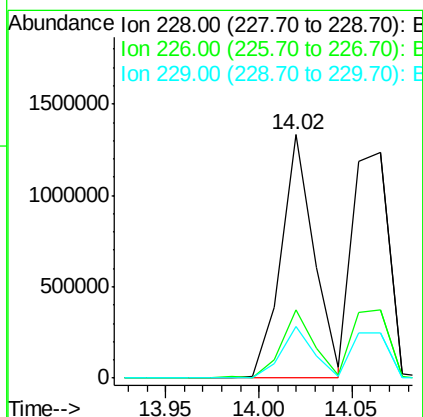
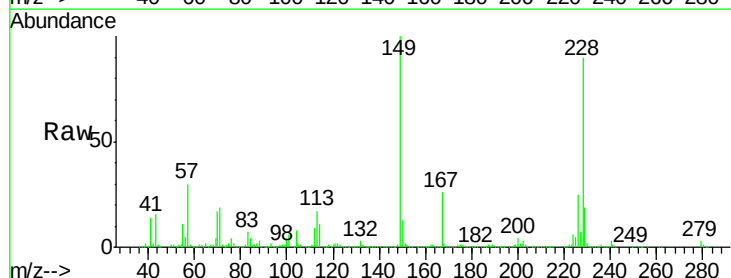
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

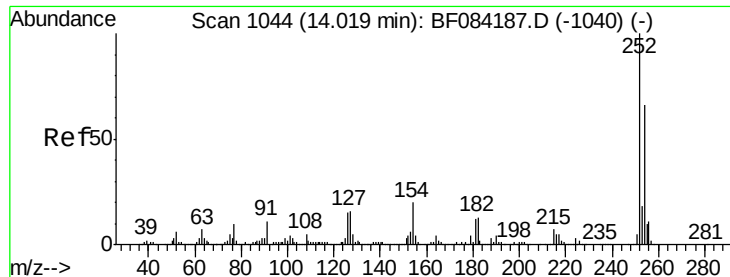
Tgt Ion:149 Resp: 1080374
Ion Ratio Lower Upper
149 100
91 75.0 57.6 86.4
206 19.0 13.2 19.8



#80
Benzo(a)anthracene
Concen: 35.83 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF084304.D
Acq: 7 Jan 2016 10:02

Tgt Ion:228 Resp: 1639378
Ion Ratio Lower Upper
228 100
226 27.9 21.8 32.6
229 21.2 15.8 23.8

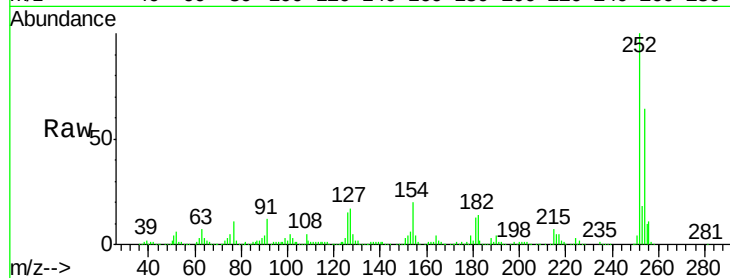




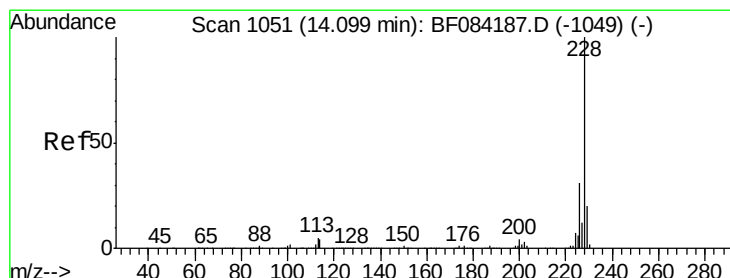
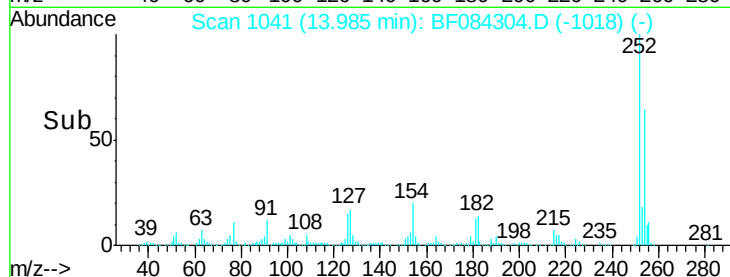
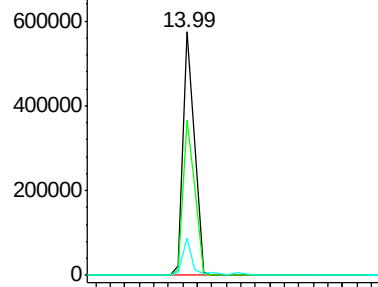
#81
 3,3'-Dichlorobenzidine
 Concen: 39.65 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.03 min
 Lab File: BF084304.D
 Acq: 7 Jan 2016 10:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:252 Resp: 633152
 Ion Ratio Lower Upper
 252 100
 254 63.8 53.5 80.3
 126 15.4 4.9 7.3#

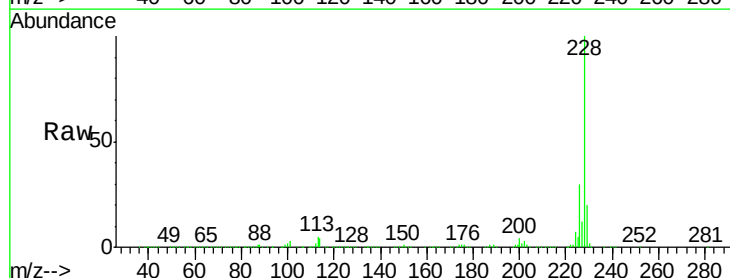


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

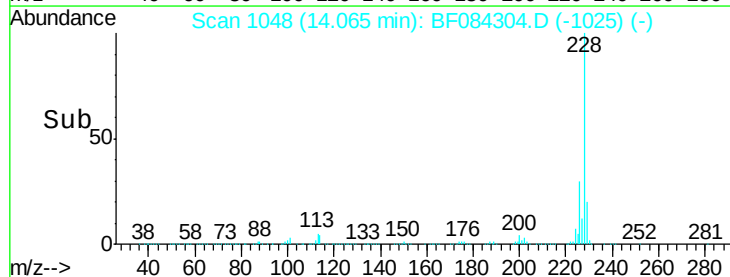
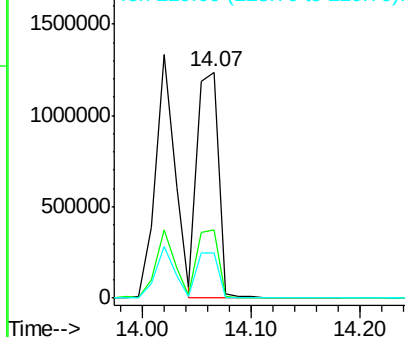


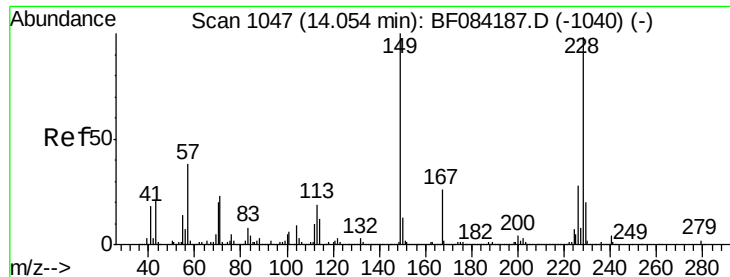
#82
 Chrysene
 Concen: 38.69 ng
 RT: 14.07 min Scan# 1048
 Delta R.T. -0.03 min
 Lab File: BF084304.D
 Acq: 7 Jan 2016 10:02

Tgt Ion:228 Resp: 1701148
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.3 36.5
 229 19.7 16.1 24.1



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: 39.95 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF084304.D

Acq: 7 Jan 2016 10:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

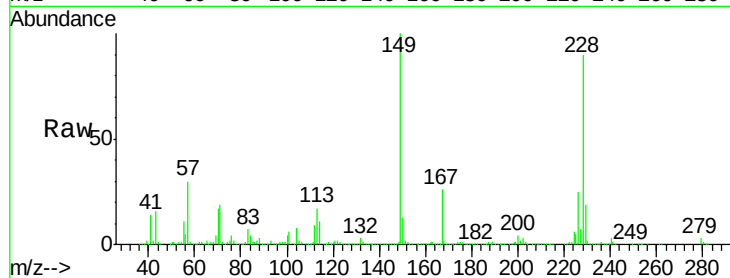
Tgt Ion:149 Resp: 1335666

Ion Ratio Lower Upper

149 100

167 26.4 19.7 29.5

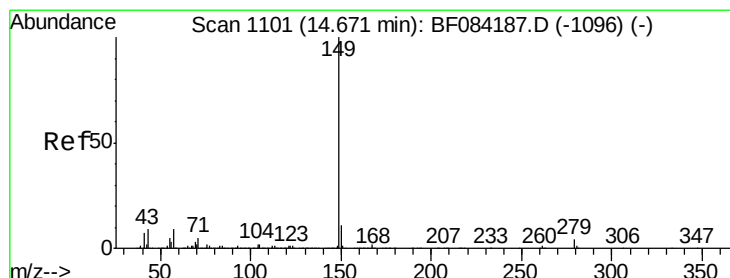
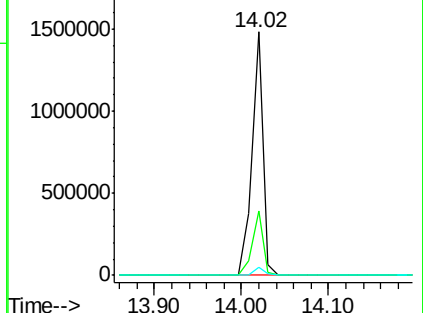
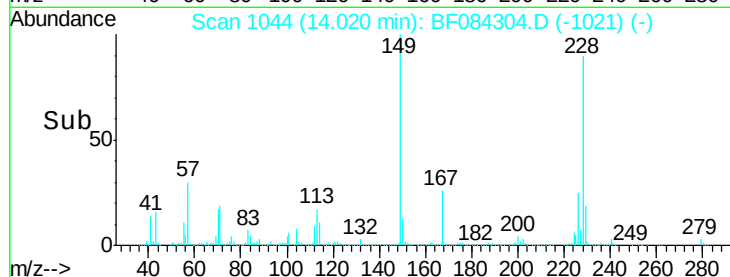
279 3.2 1.8 2.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.00 ng

RT: 14.63 min Scan# 1097

Delta R.T. -0.05 min

Lab File: BF084304.D

Acq: 7 Jan 2016 10:02

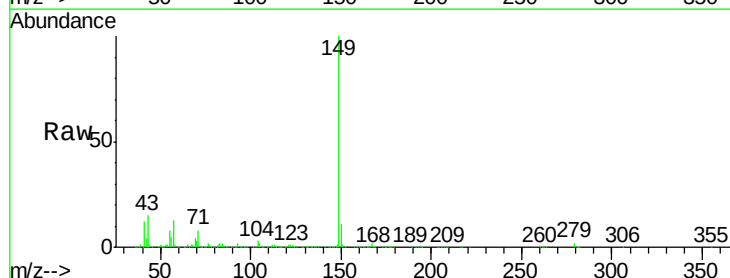
Tgt Ion:149 Resp: 2201408

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

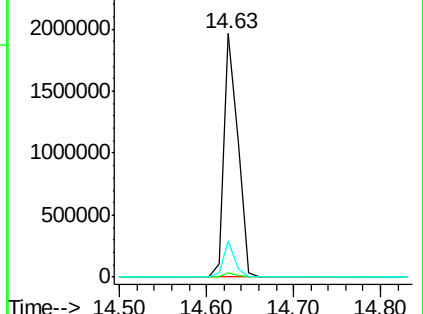
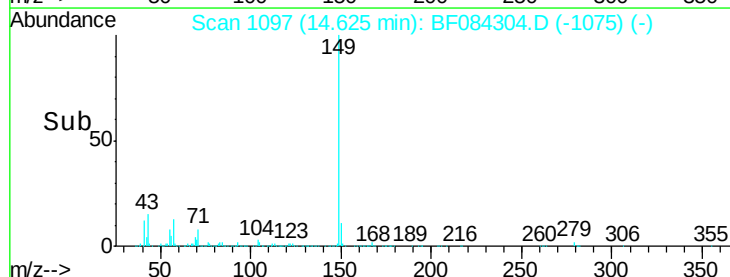
43 12.4 5.6 8.4#

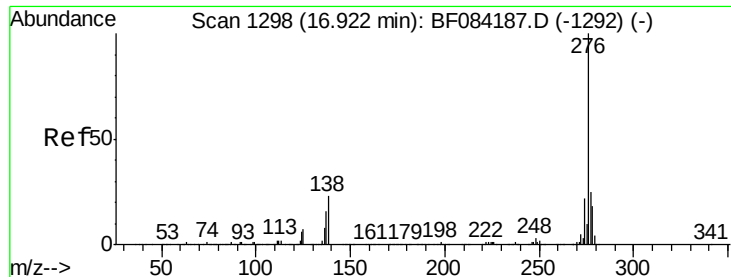


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

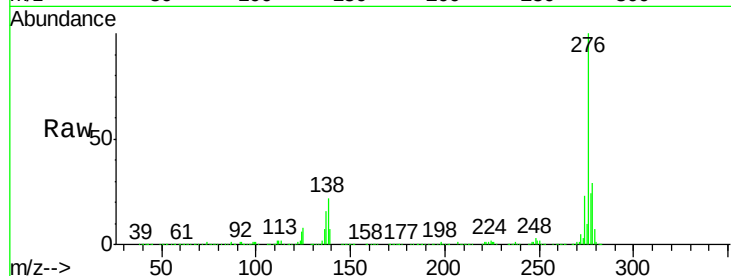




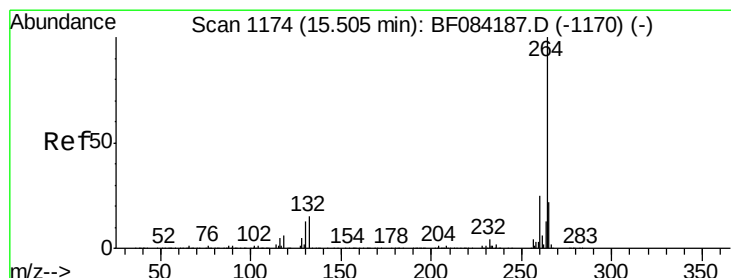
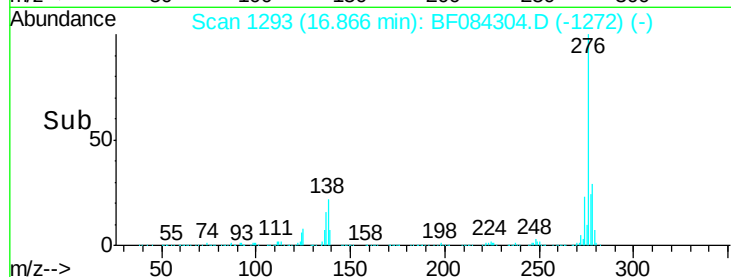
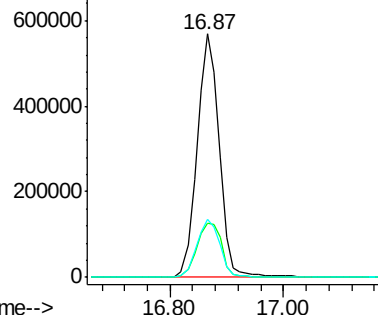
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.45 ng
 RT: 16.87 min Scan# 1293
 Delta R.T. -0.06 min
 Lab File: BF084304.D
 Acq: 7 Jan 2016 10:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:276 Resp: 1549165
 Ion Ratio Lower Upper
 276 100
 138 25.4 20.6 30.8
 277 25.0 20.1 30.1

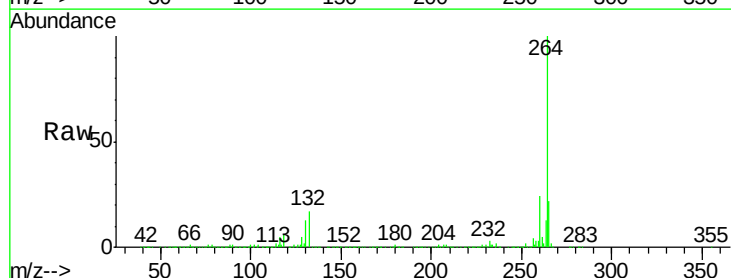


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

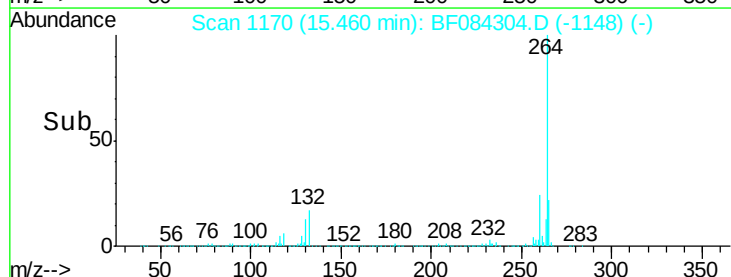
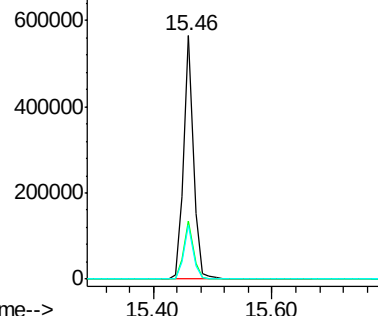


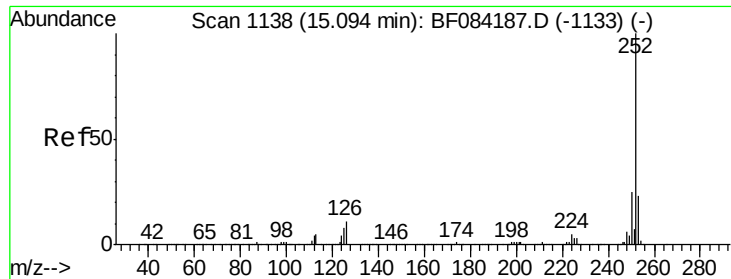
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 1170
 Delta R.T. -0.05 min
 Lab File: BF084304.D
 Acq: 7 Jan 2016 10:02

Tgt Ion:264 Resp: 654600
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 22.0 17.8 26.6



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

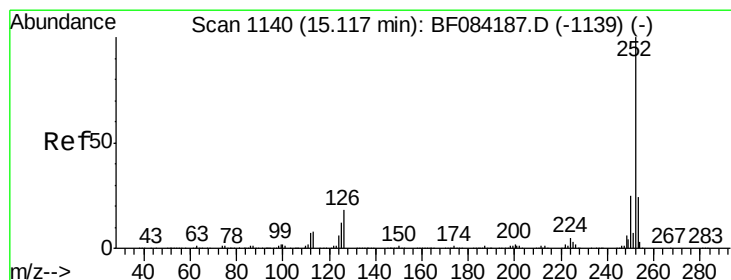
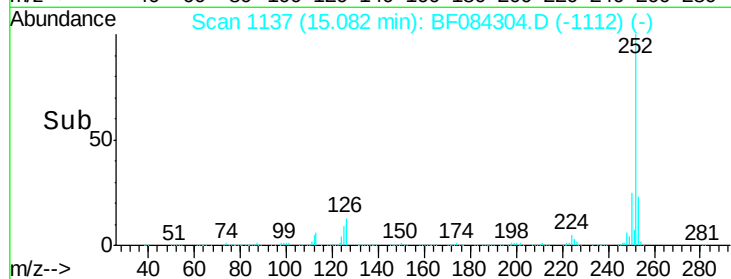
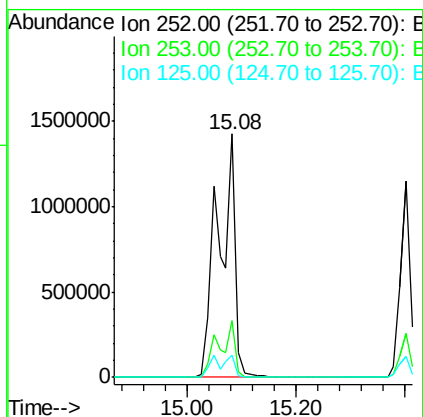
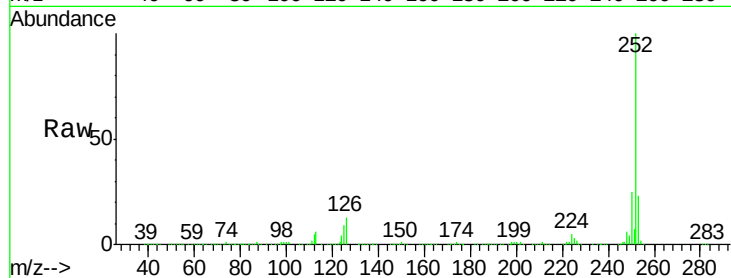




#87
Benzo(b)fluoranthene
Concen: 71.94 ng
RT: 15.08 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF084304.D
Acq: 7 Jan 2016 10:02

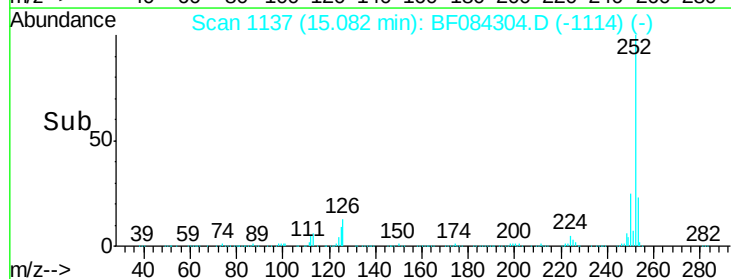
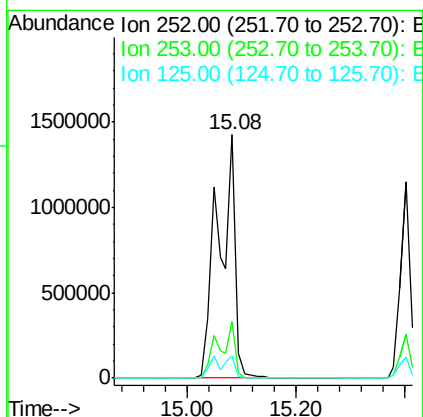
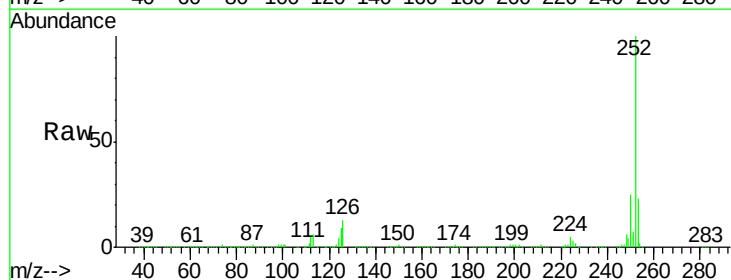
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

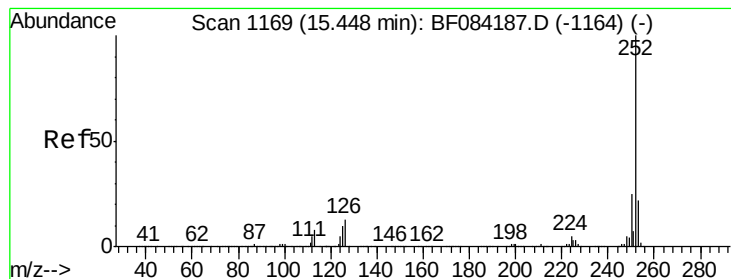
Tgt Ion:252 Resp: 3080322
Ion Ratio Lower Upper
252 100
253 23.3 17.3 25.9
125 9.1 6.5 9.7



#88
Benzo(k)fluoranthene
Concen: 87.96 ng
RT: 15.08 min Scan# 1137
Delta R.T. -0.03 min
Lab File: BF084304.D
Acq: 7 Jan 2016 10:02

Tgt Ion:252 Resp: 3080322
Ion Ratio Lower Upper
252 100
253 23.3 18.1 27.1
125 9.1 9.0 13.6





#89

Benzo(a)pyrene

Concen: 39.83 ng

RT: 15.40 min Scan# 1165

Delta R.T. -0.05 min

Lab File: BF084304.D

Acq: 7 Jan 2016 10:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

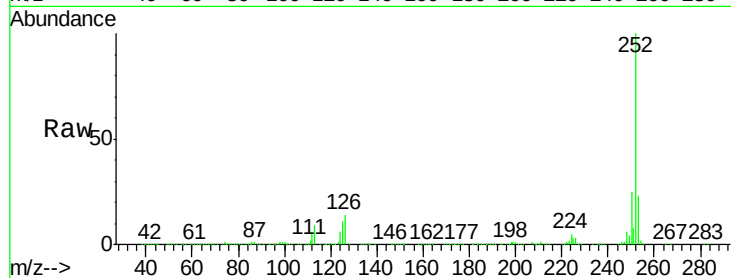
Tgt Ion:252 Resp: 1446809

Ion Ratio Lower Upper

252 100

253 22.6 17.3 25.9

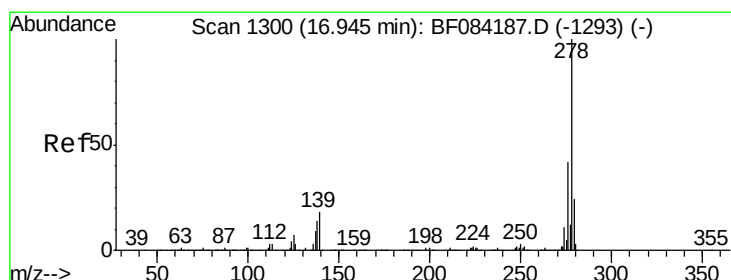
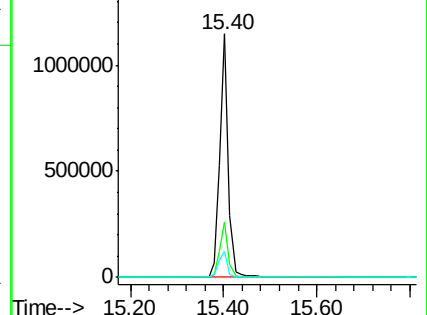
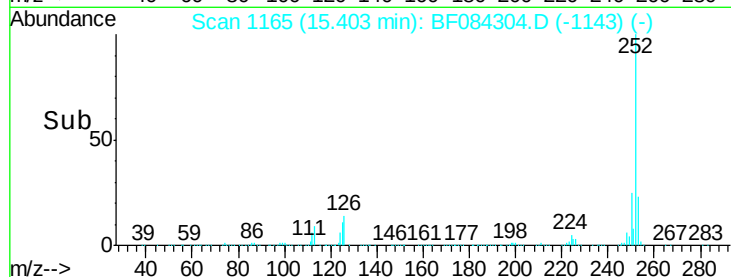
125 10.9 7.0 10.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.85 ng

RT: 16.89 min Scan# 1295

Delta R.T. -0.06 min

Lab File: BF084304.D

Acq: 7 Jan 2016 10:02

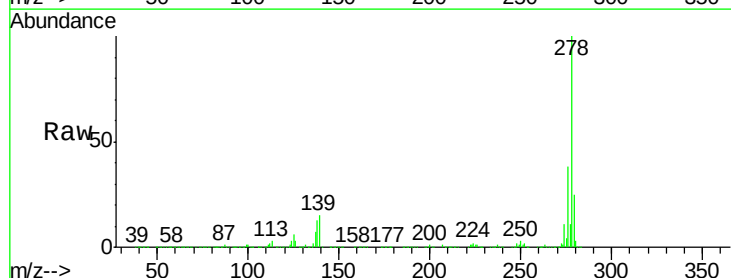
Tgt Ion:278 Resp: 1276609

Ion Ratio Lower Upper

278 100

139 15.4 15.0 22.4

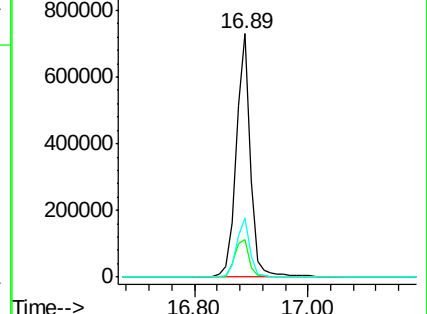
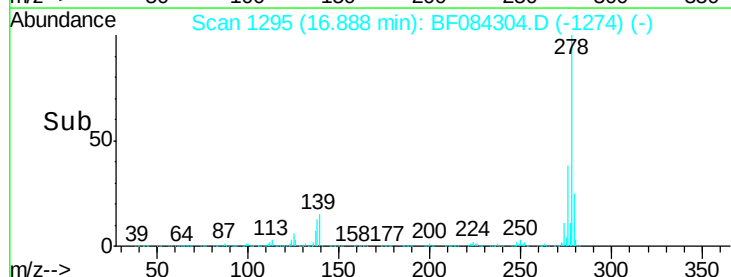
279 24.5 18.9 28.3

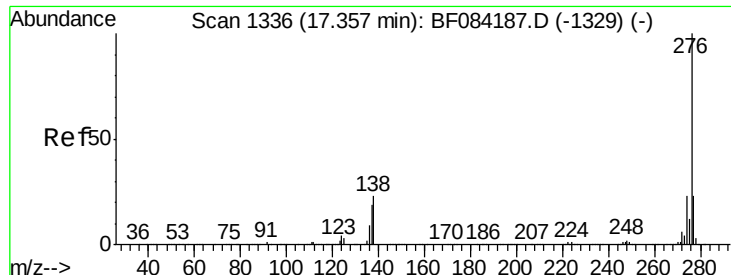


Abundance Ion 278.00 (277.70 to 278.70): E

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: 40.45 ng

RT: 17.30 min Scan# 1331

Delta R.T. -0.06 min

Lab File: BF084304.D

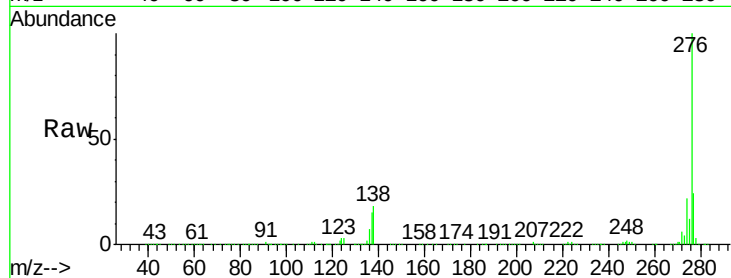
Acq: 7 Jan 2016 10:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



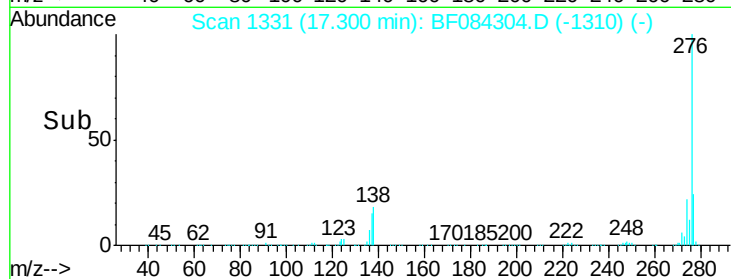
Tgt Ion: 276 Resp: 1309269

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 18.0 17.8 26.6



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

